

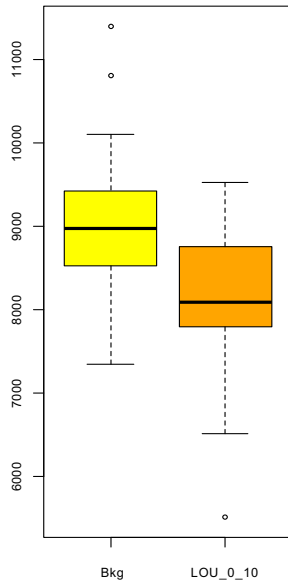
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

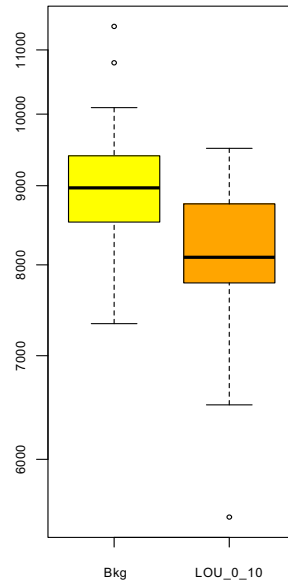
LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

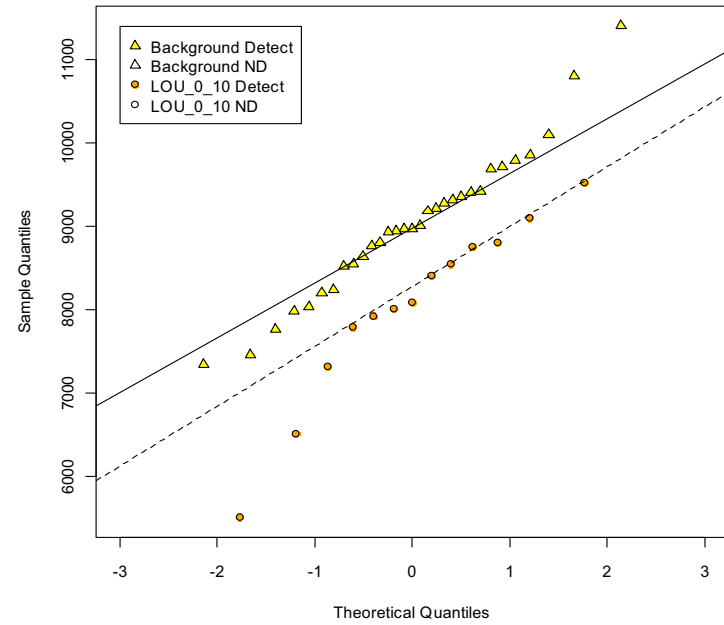
Background vs Site Boxplots  
chemical\_name = Aluminum



Background vs Site Boxplots  
chemical\_name = Aluminum (log-scale)



Normal Q-Q Plots  
chemical\_name = Aluminum



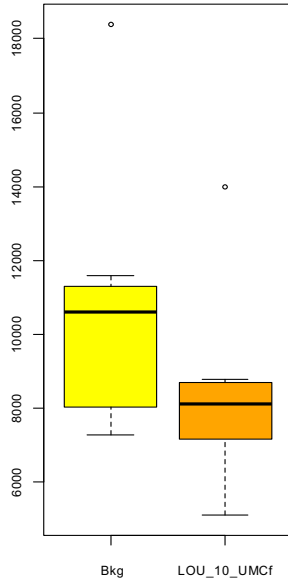
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

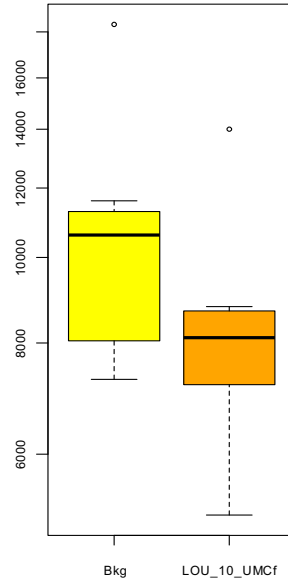
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

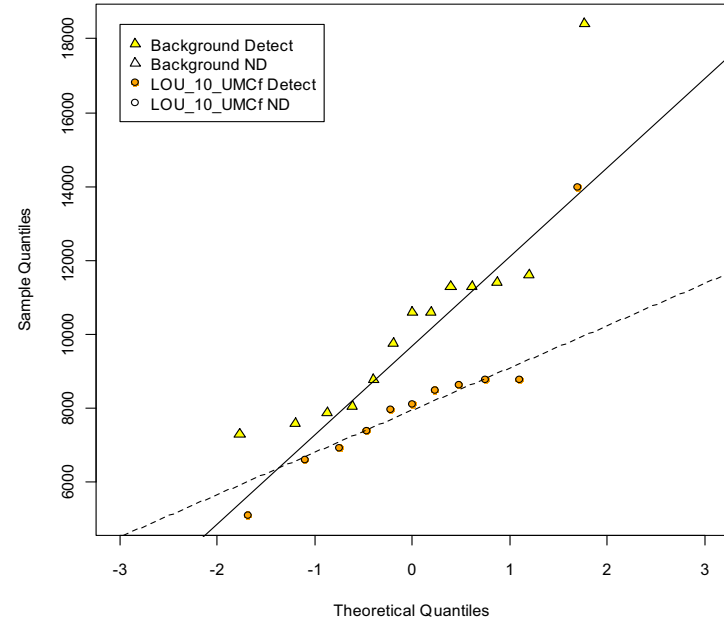
**Background vs Site Boxplots**  
chemical\_name = Aluminum



**Background vs Site Boxplots**  
chemical\_name = Aluminum (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Aluminum

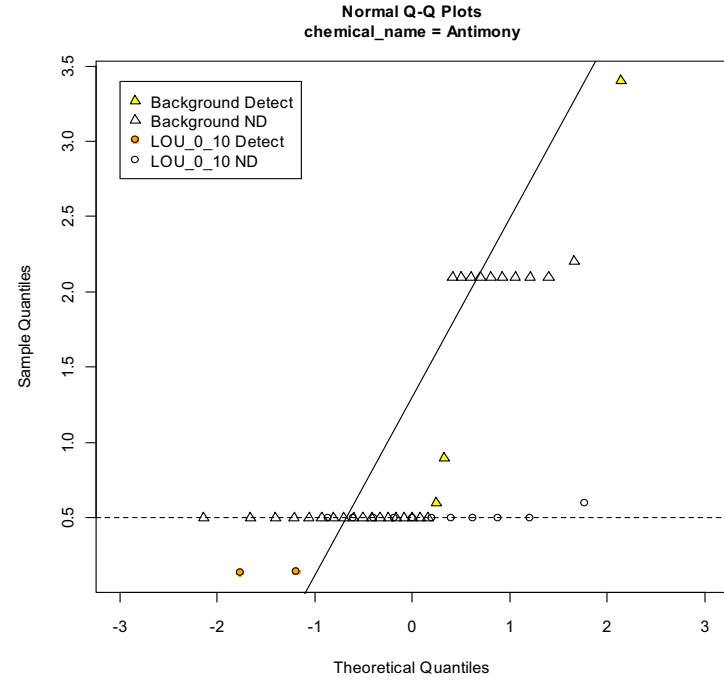
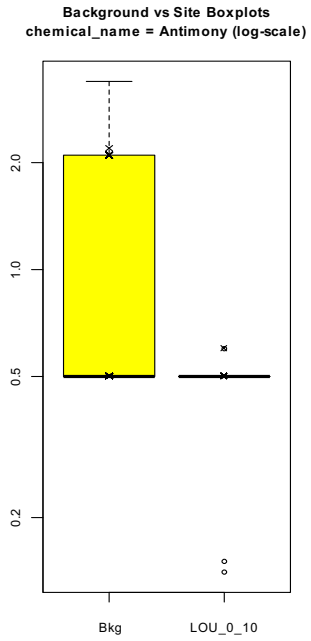
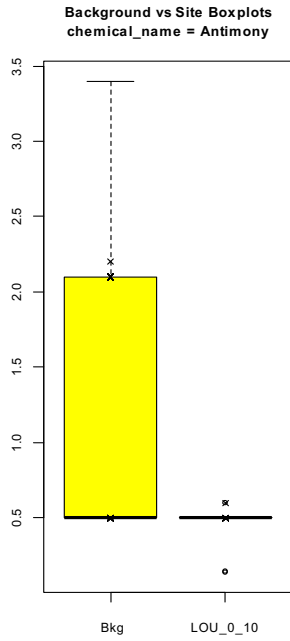


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)



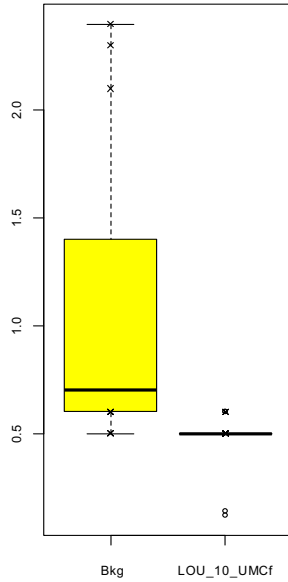
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

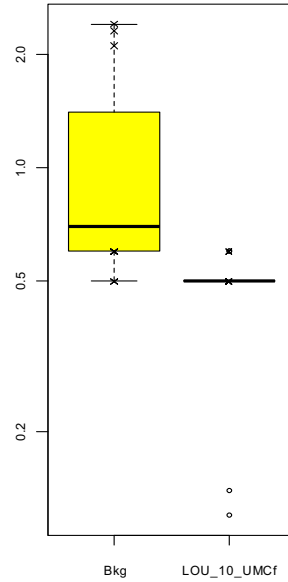
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

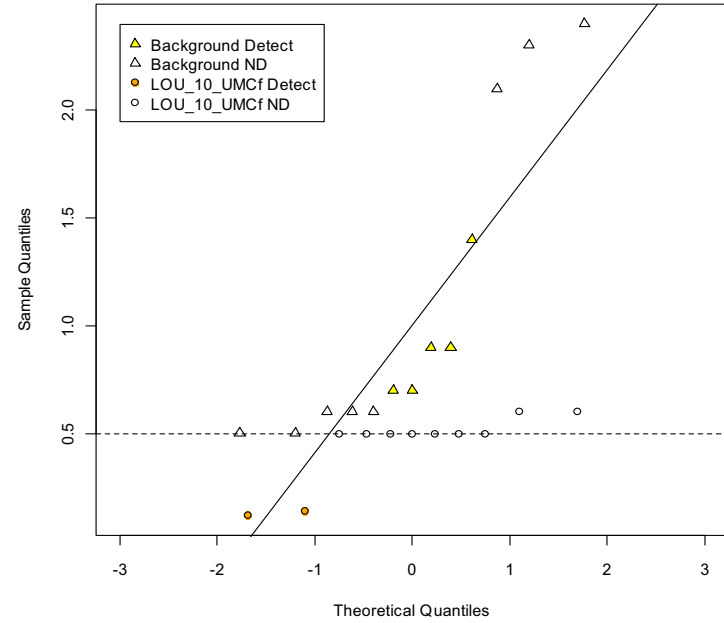
**Background vs Site Boxplots**  
chemical\_name = Antimony



**Background vs Site Boxplots**  
chemical\_name = Antimony (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Antimony

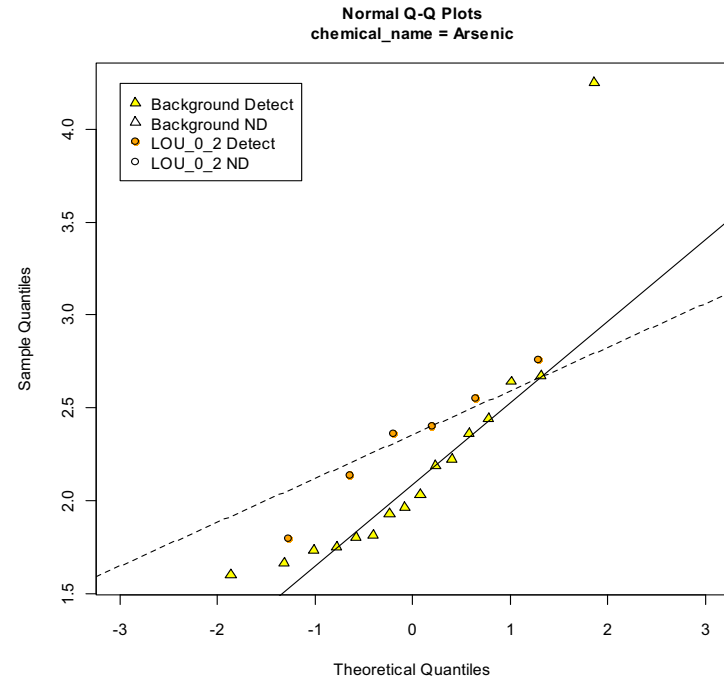
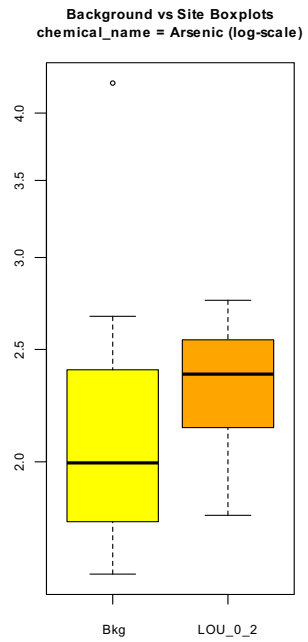
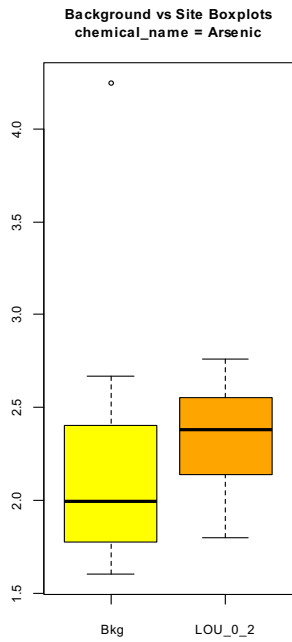


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)



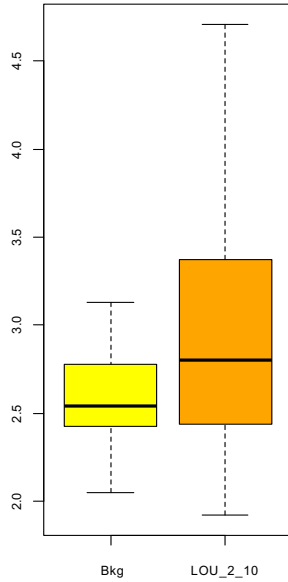
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

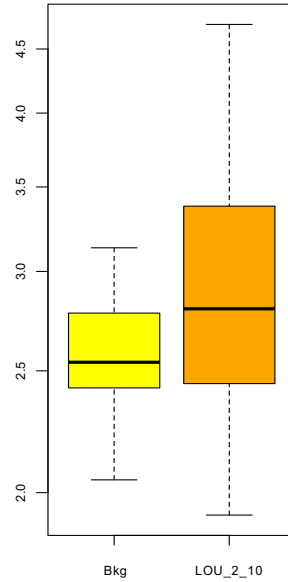
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

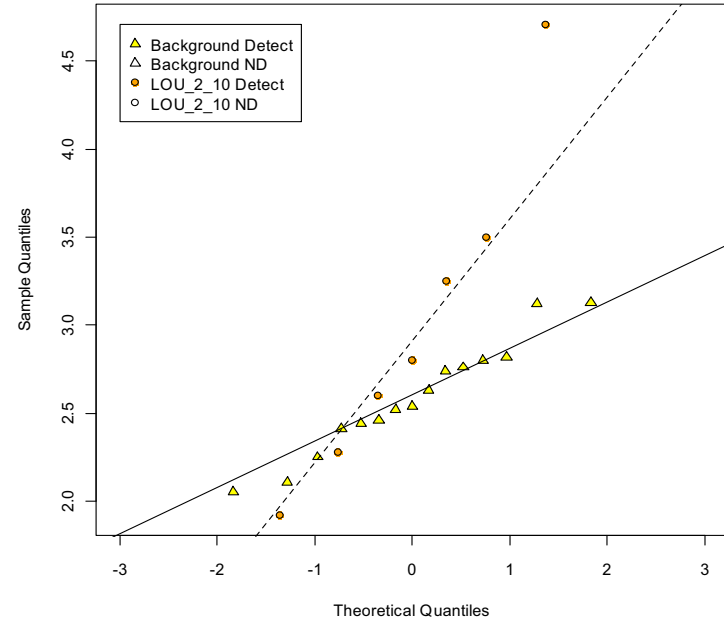
**Background vs Site Boxplots**  
chemical\_name = Arsenic



**Background vs Site Boxplots**  
chemical\_name = Arsenic (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Arsenic



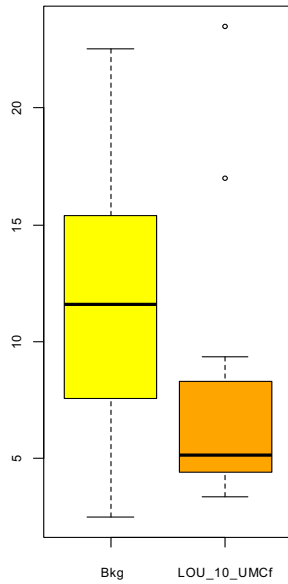
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

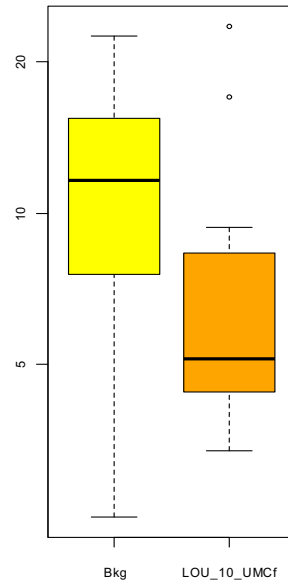
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

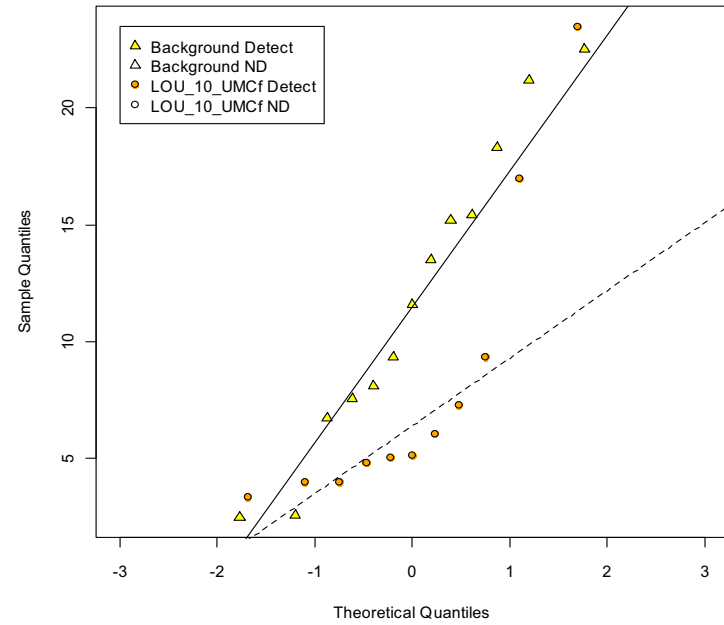
Background vs Site Boxplots  
chemical\_name = Arsenic



Background vs Site Boxplots  
chemical\_name = Arsenic (log-scale)



Normal Q-Q Plots  
chemical\_name = Arsenic

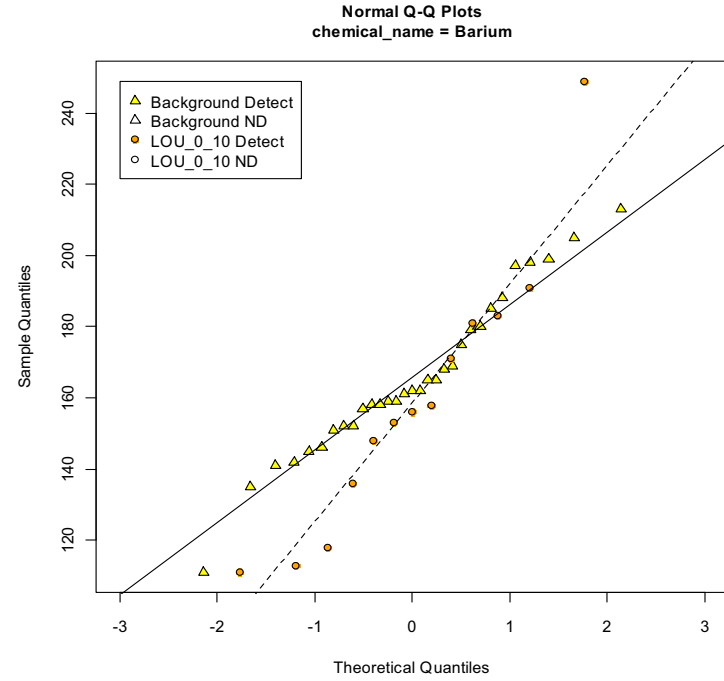
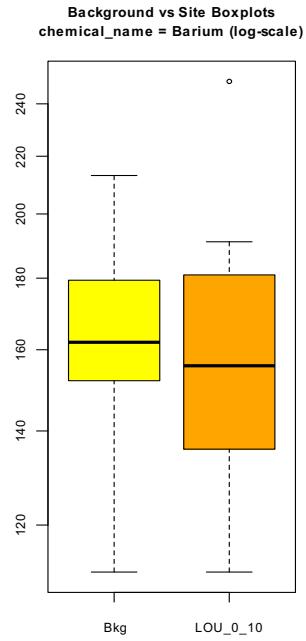
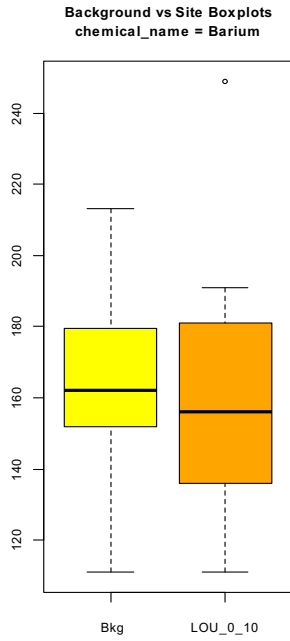


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)





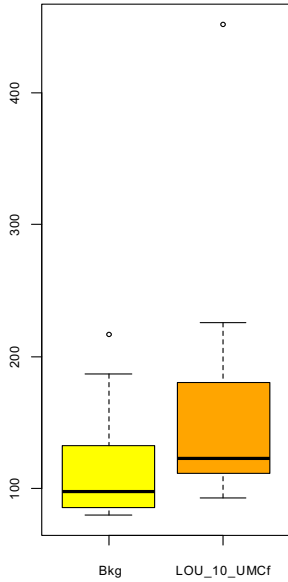
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

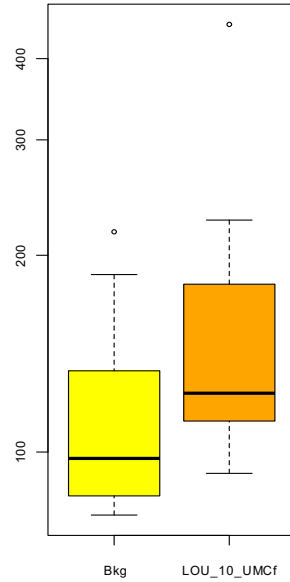
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

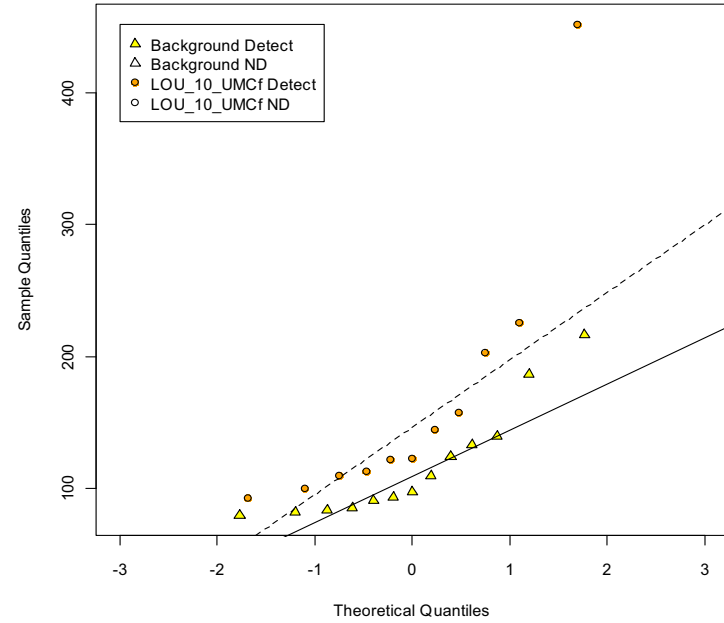
**Background vs Site Boxplots**  
chemical\_name = Barium



**Background vs Site Boxplots**  
chemical\_name = Barium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Barium



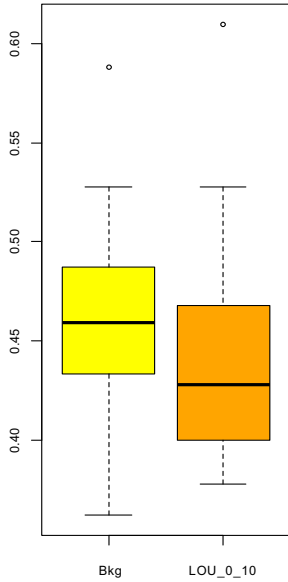
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

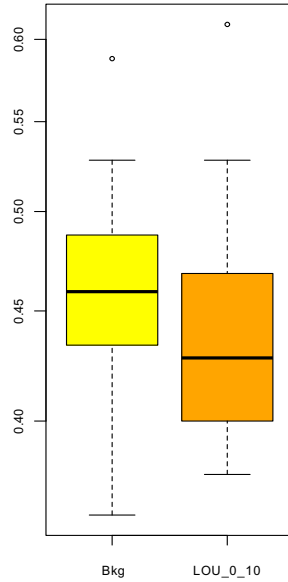
LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

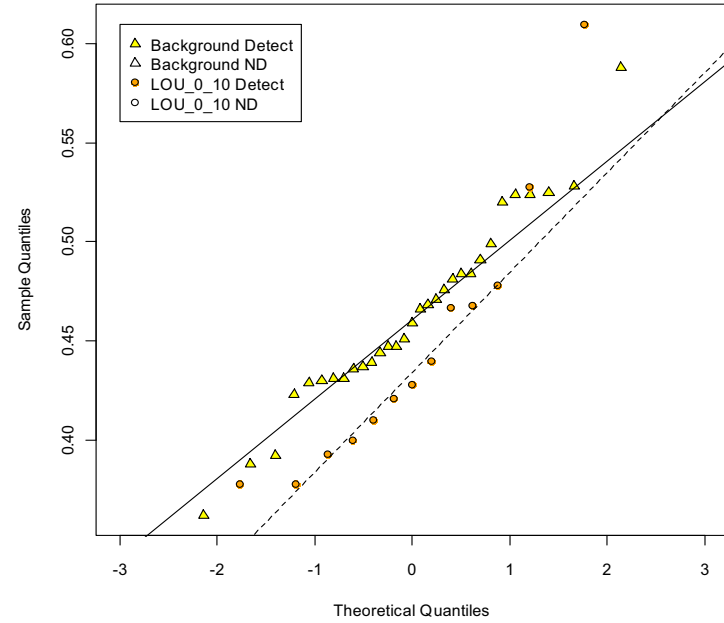
**Background vs Site Boxplots**  
chemical\_name = Beryllium



**Background vs Site Boxplots**  
chemical\_name = Beryllium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Beryllium

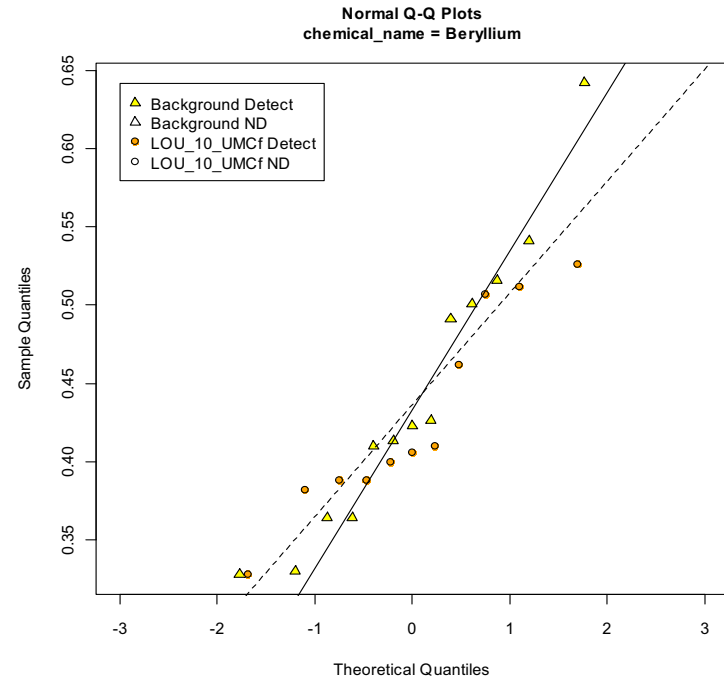
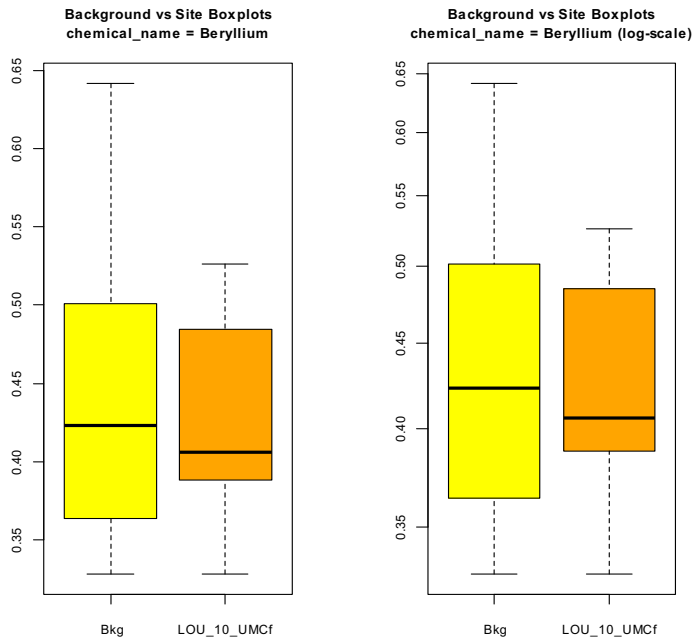


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

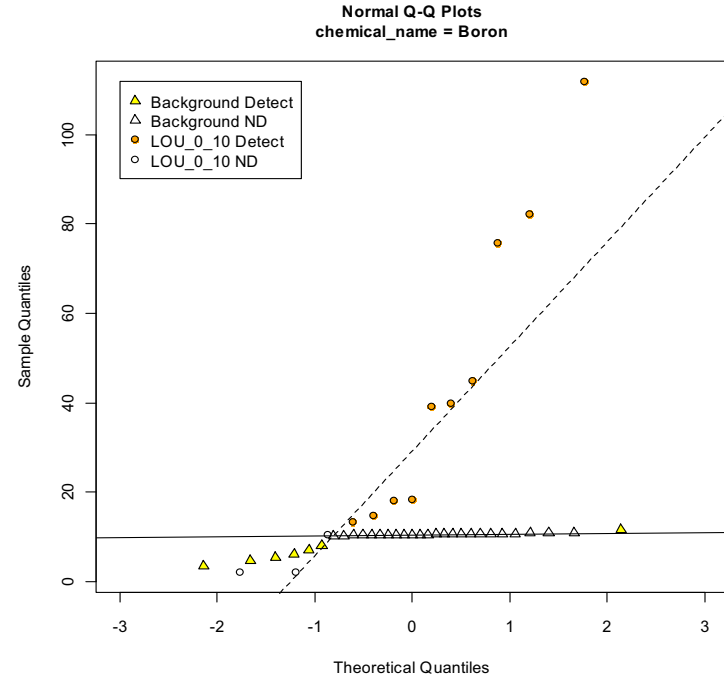
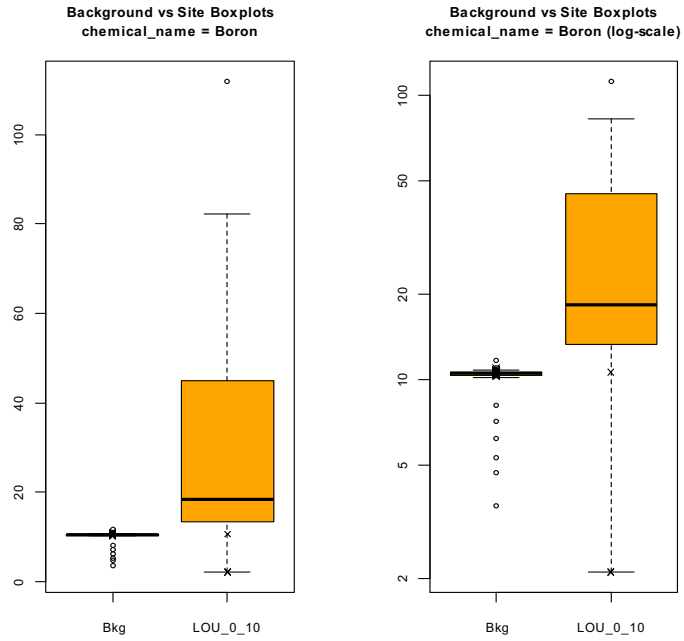


## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)



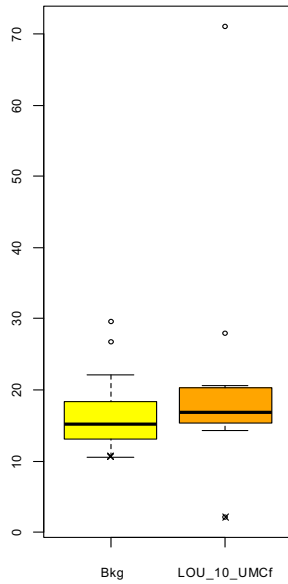
## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

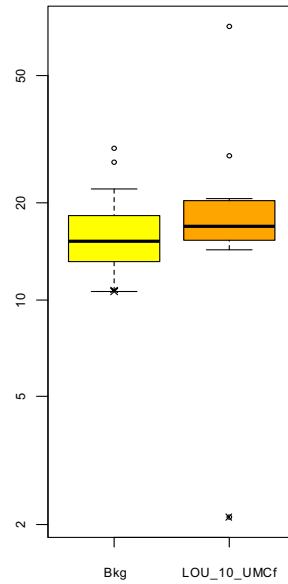
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

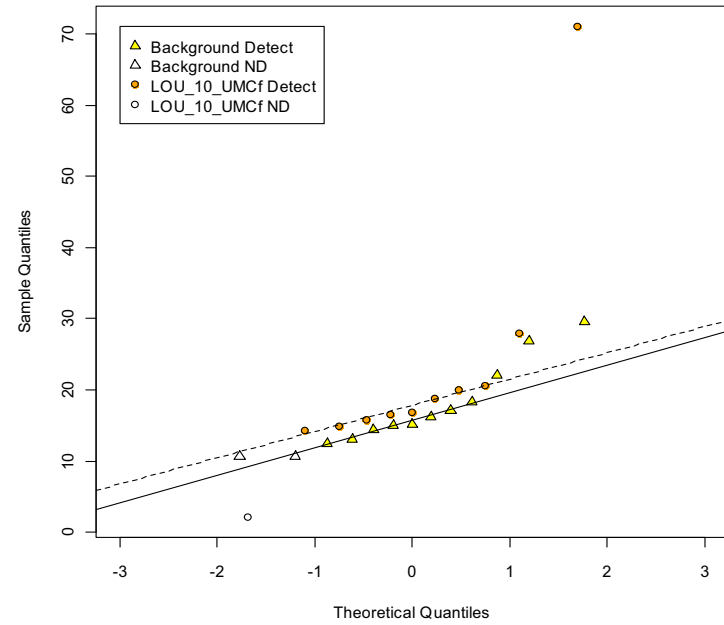
**Background vs Site Boxplots**  
chemical\_name = Boron



**Background vs Site Boxplots**  
chemical\_name = Boron (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Boron



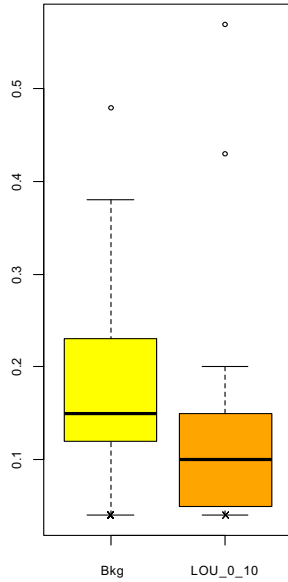
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

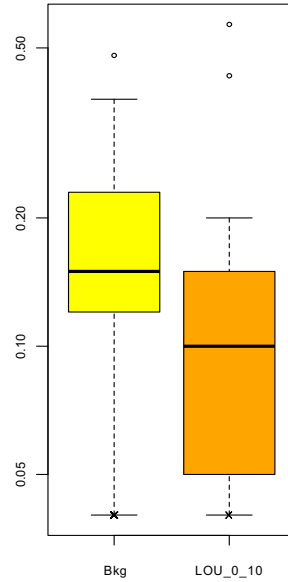
LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

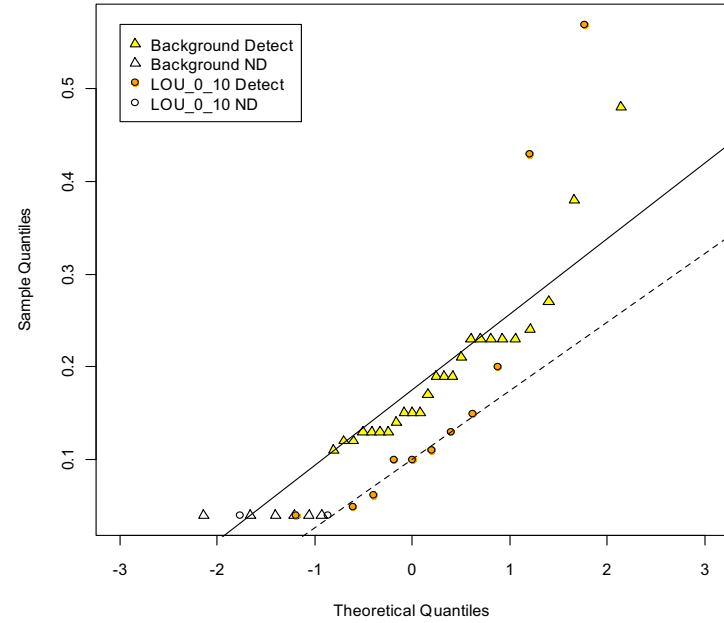
**Background vs Site Boxplots**  
chemical\_name = Cadmium



**Background vs Site Boxplots**  
chemical\_name = Cadmium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Cadmium



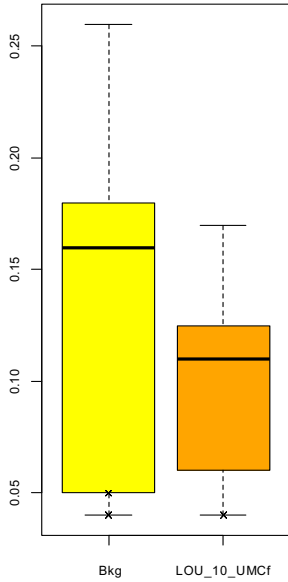
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

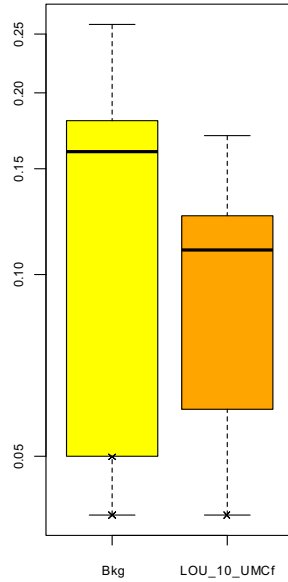
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

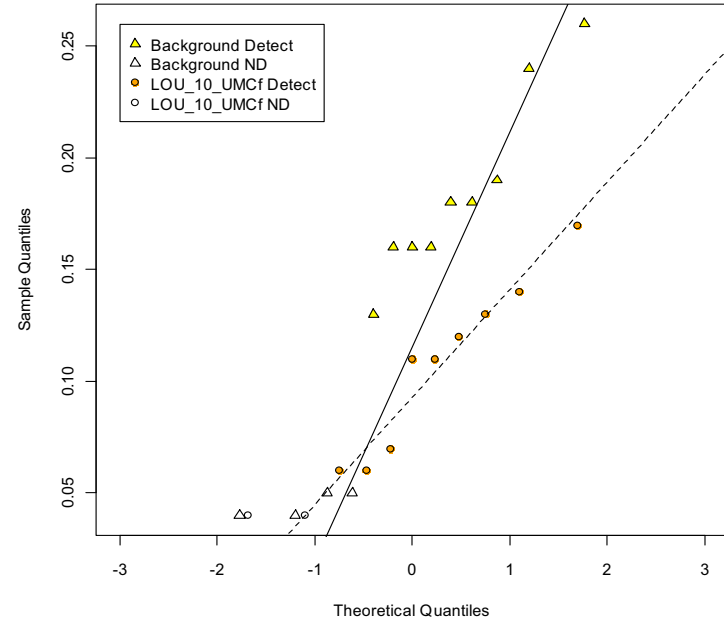
**Background vs Site Boxplots**  
chemical\_name = Cadmium



**Background vs Site Boxplots**  
chemical\_name = Cadmium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Cadmium



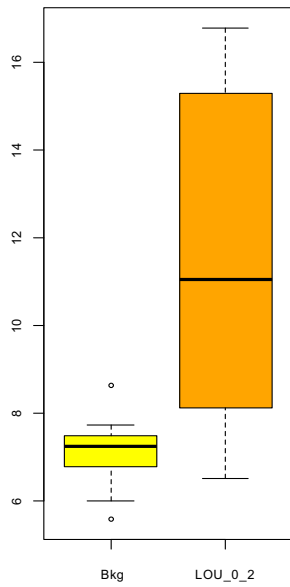
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

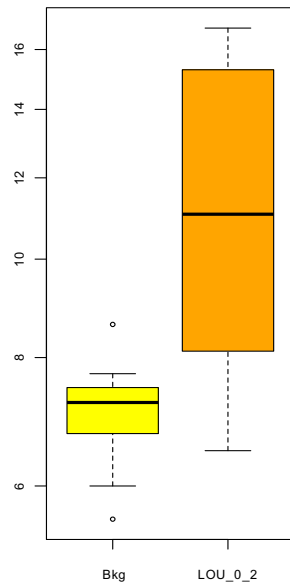
LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

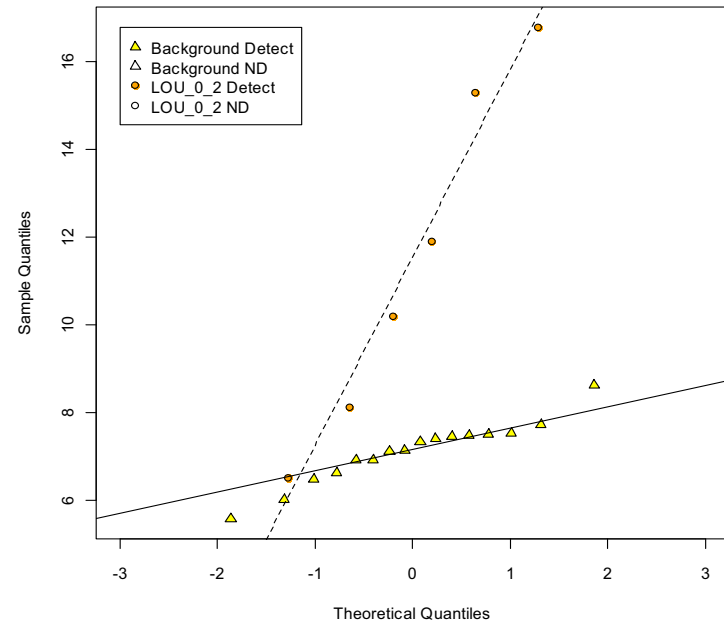
**Background vs Site Boxplots**  
chemical\_name = Chromium (Total)



**Background vs Site Boxplots**  
chemical\_name = Chromium (Total) (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Chromium (Total)





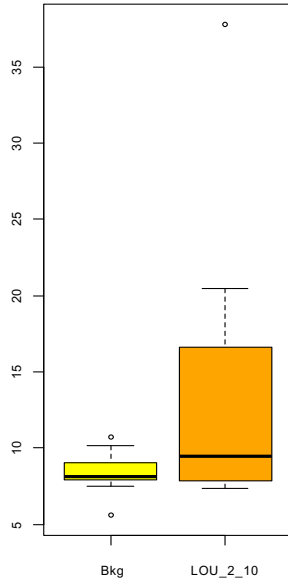
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

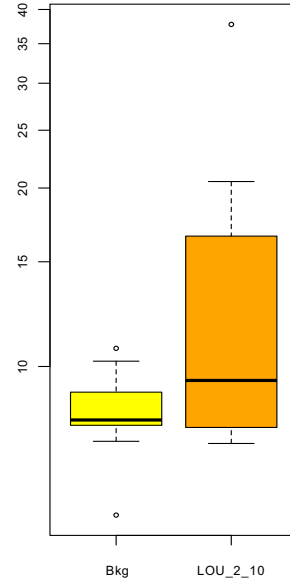
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

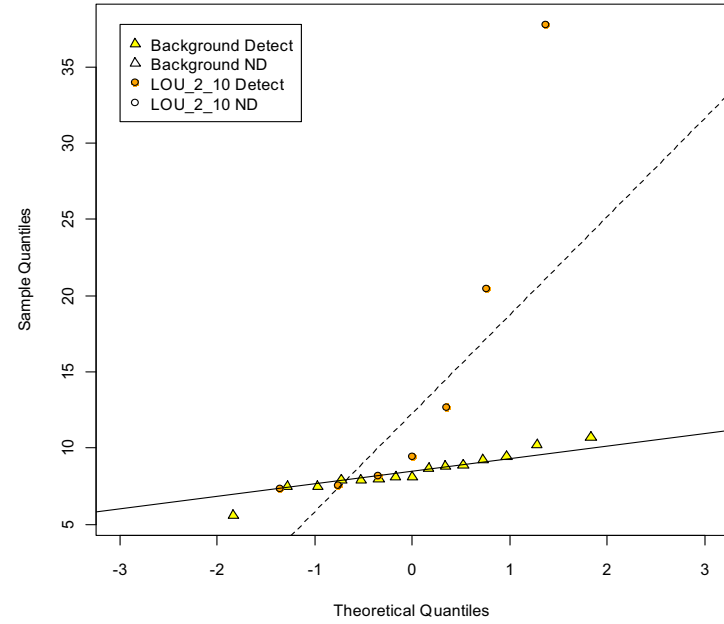
**Background vs Site Boxplots**  
chemical\_name = Chromium (Total)



**Background vs Site Boxplots**  
chemical\_name = Chromium (Total) (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Chromium (Total)

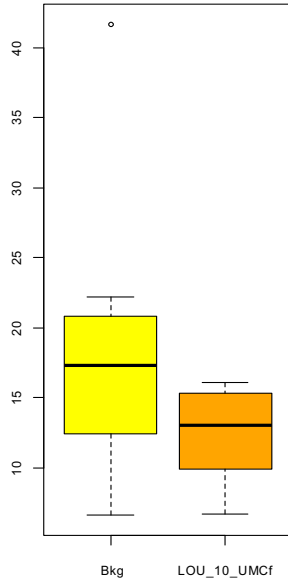


# Attachment 2

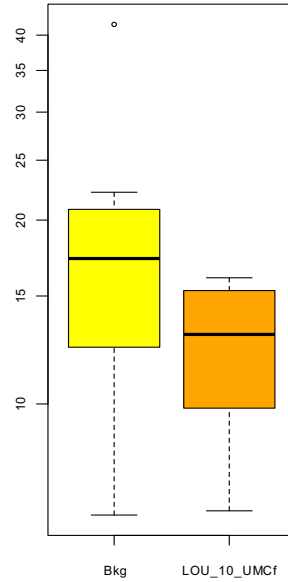
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

**Background vs Site Boxplots**  
chemical\_name = Chromium (Total)

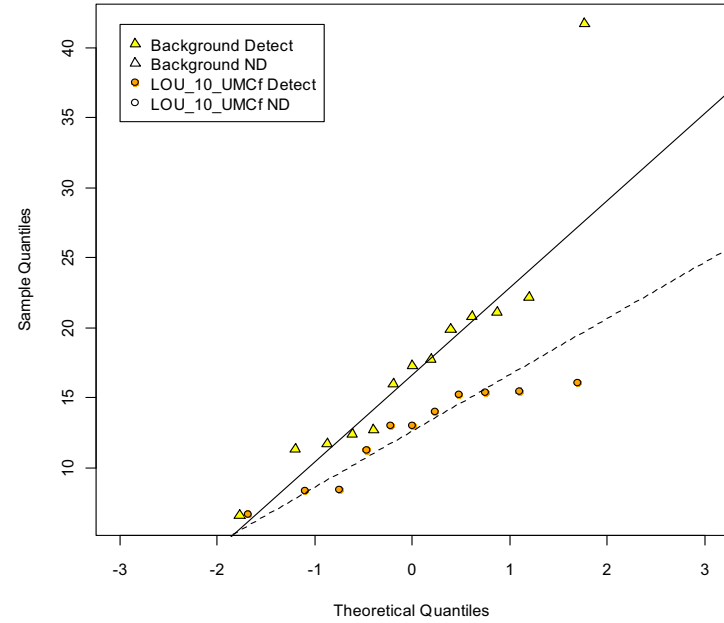


**Background vs Site Boxplots**  
chemical\_name = Chromium (Total) (log-scale)



LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

**Normal Q-Q Plots**  
chemical\_name = Chromium (Total)



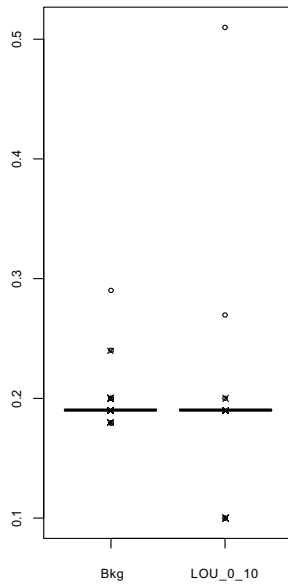
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

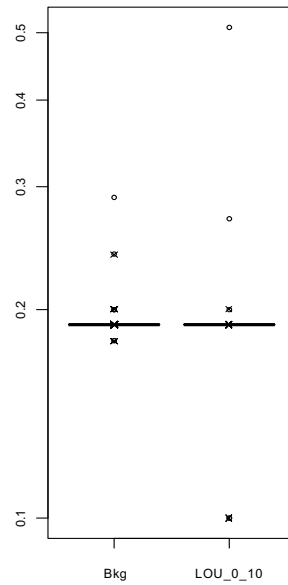
LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

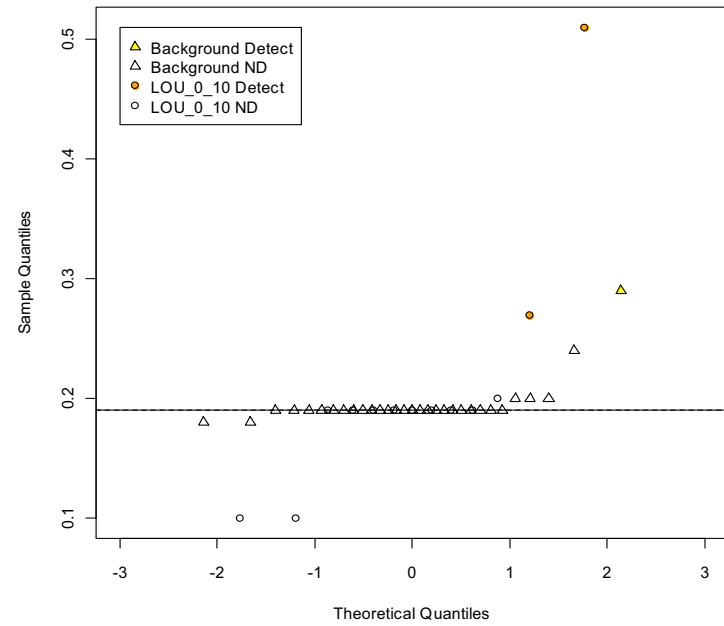
**Background vs Site Boxplots**  
chemical\_name = Chromium (VI)



**Background vs Site Boxplots**  
chemical\_name = Chromium (VI) (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Chromium (VI)



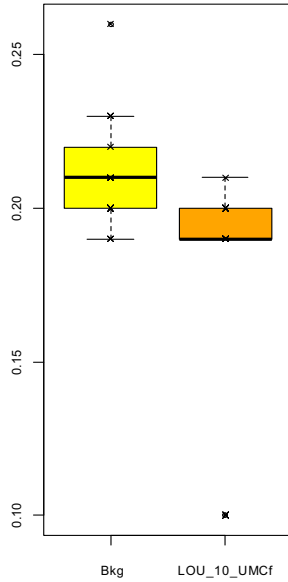
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

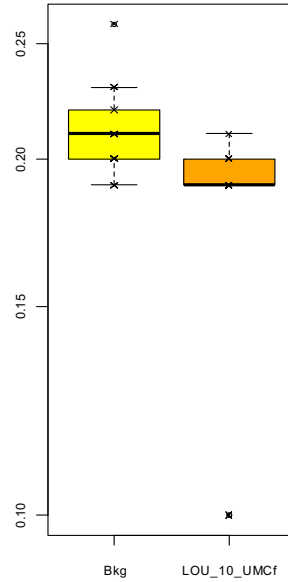
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

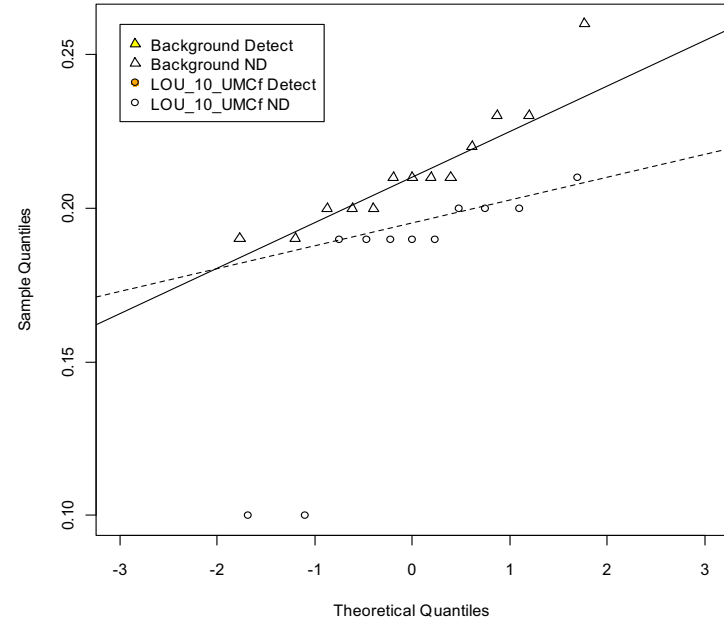
**Background vs Site Boxplots**  
chemical\_name = Chromium (VI)



**Background vs Site Boxplots**  
chemical\_name = Chromium (VI) (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Chromium (VI)



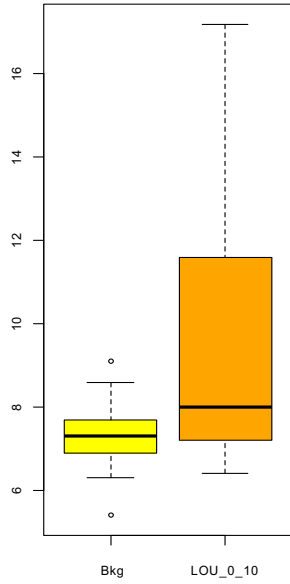
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

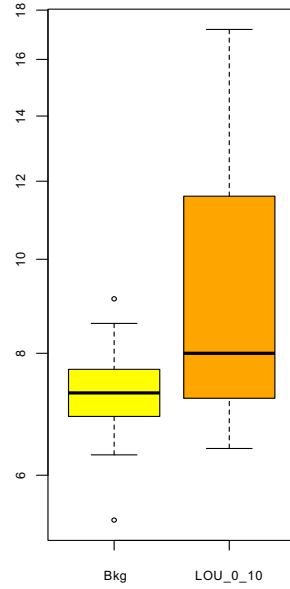
LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

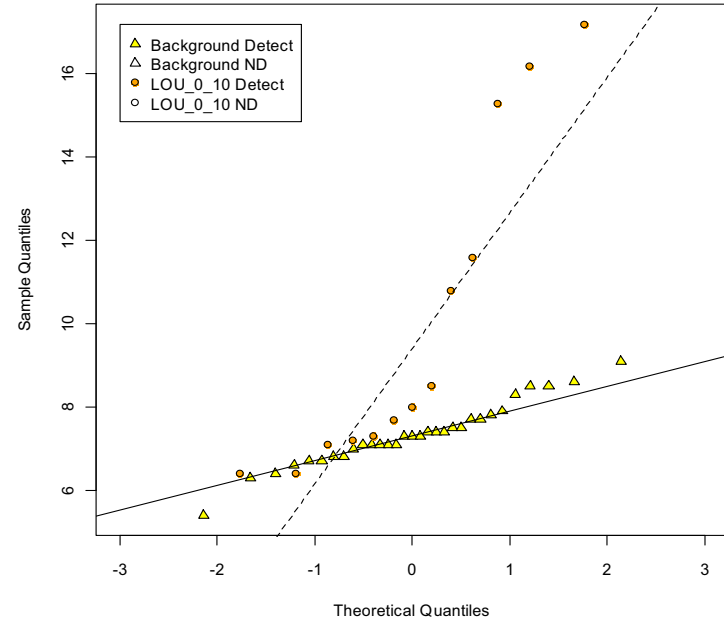
**Background vs Site Boxplots**  
chemical\_name = Cobalt



**Background vs Site Boxplots**  
chemical\_name = Cobalt (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Cobalt

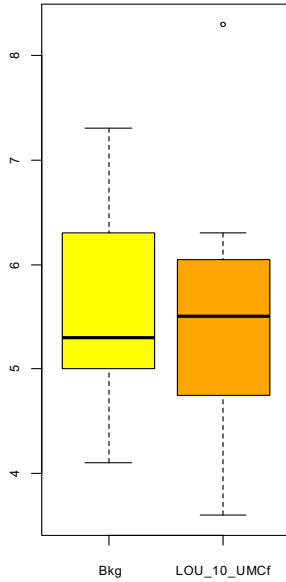


# Attachment 2

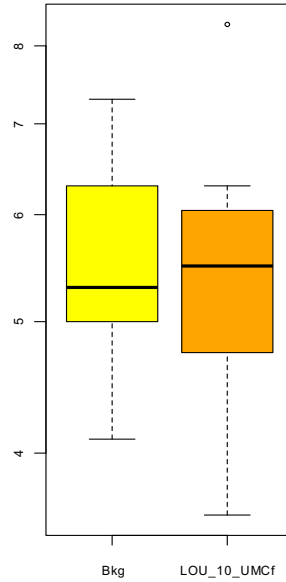
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

Background vs Site Boxplots  
chemical\_name = Cobalt

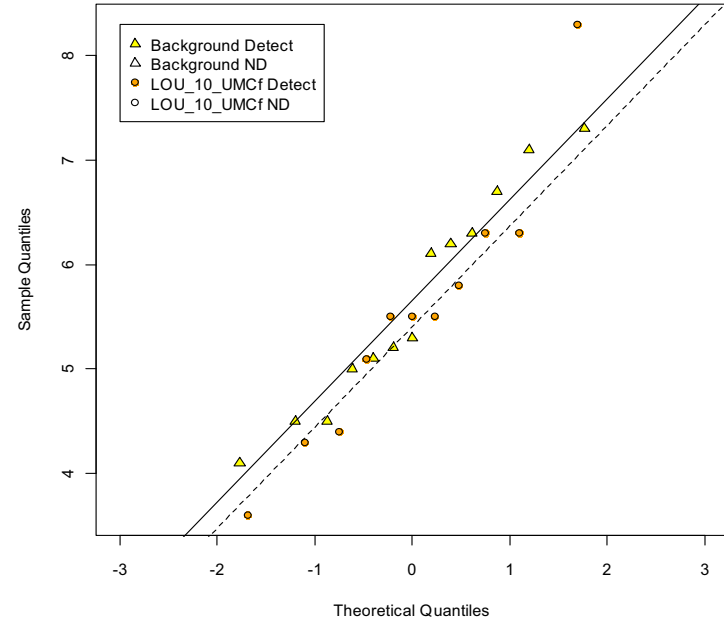


Background vs Site Boxplots  
chemical\_name = Cobalt (log-scale)



LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

Normal Q-Q Plots  
chemical\_name = Cobalt

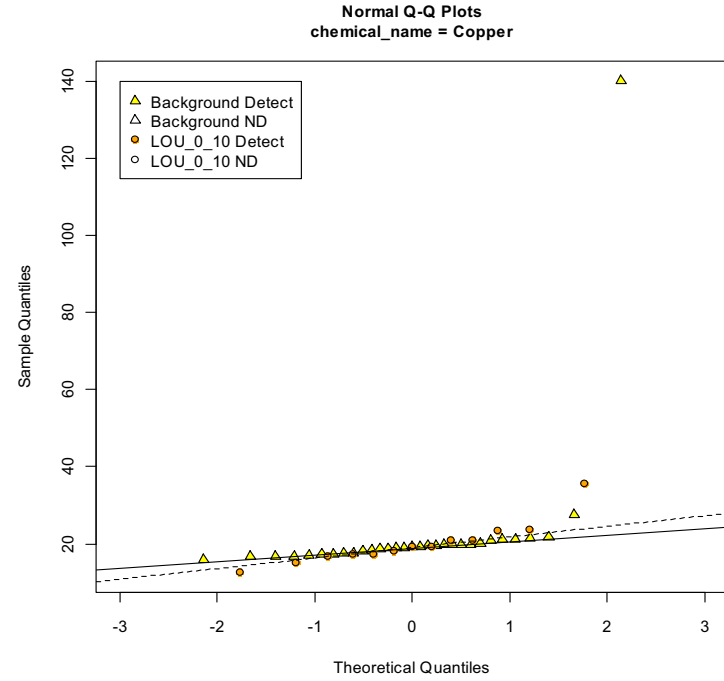
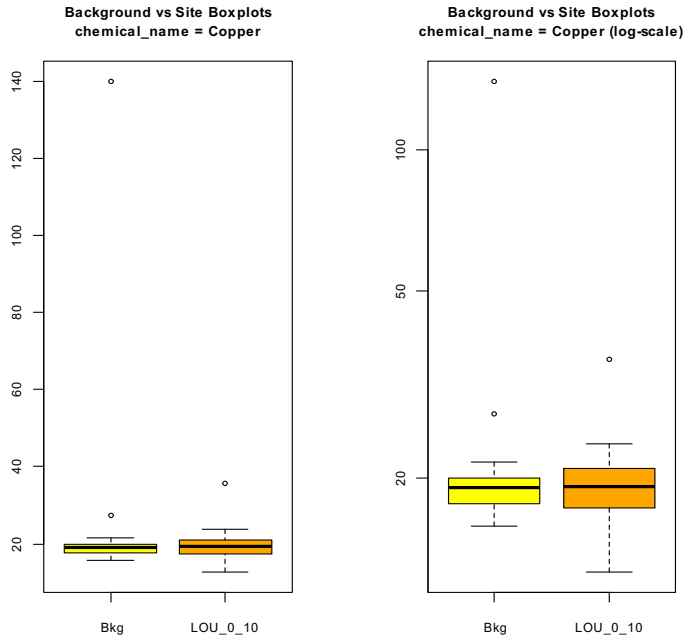


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

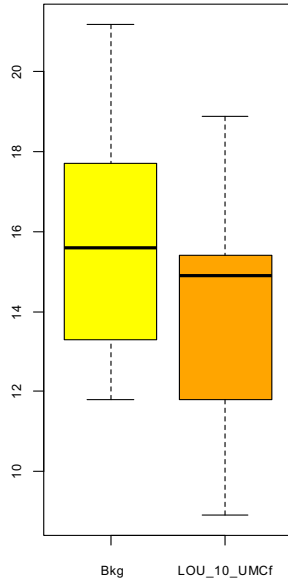


# Attachment 2

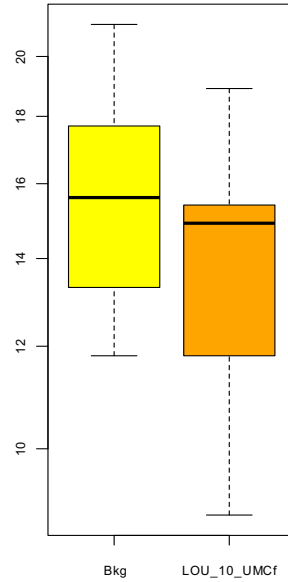
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

Background vs Site Boxplots  
chemical\_name = Copper

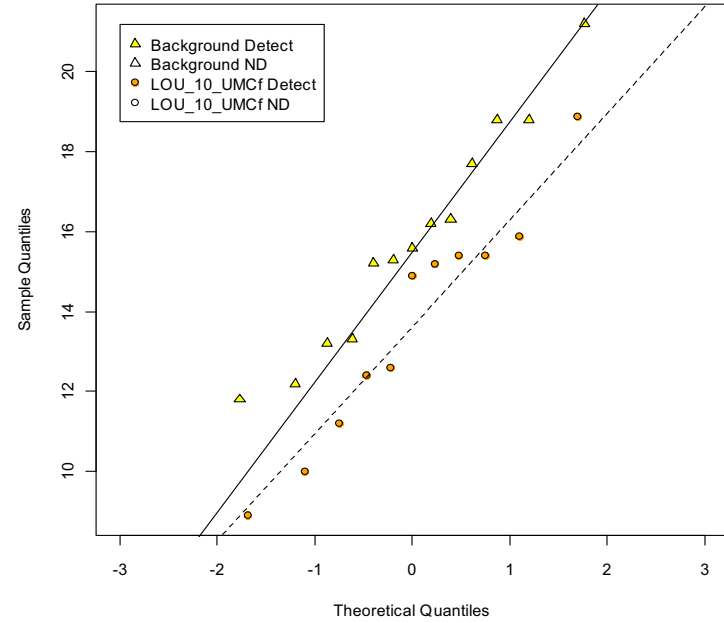


Background vs Site Boxplots  
chemical\_name = Copper (log-scale)



LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

Normal Q-Q Plots  
chemical\_name = Copper



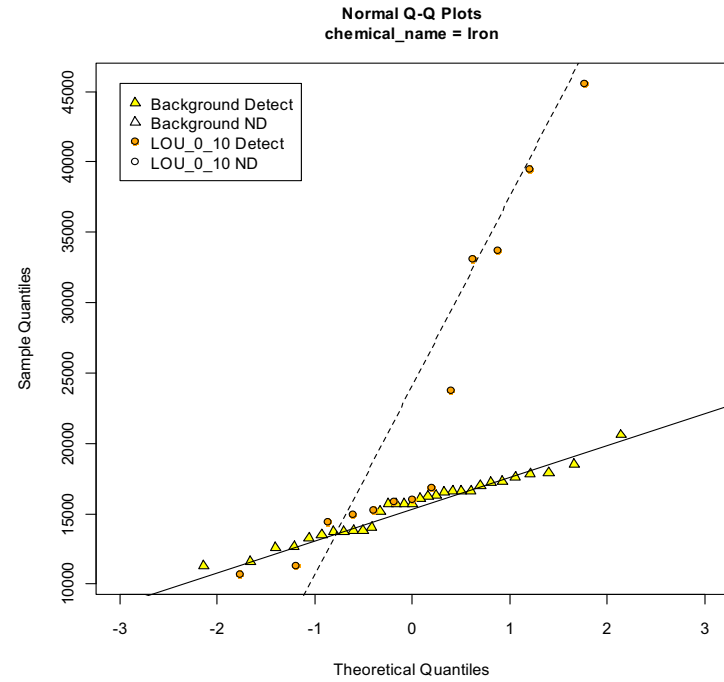
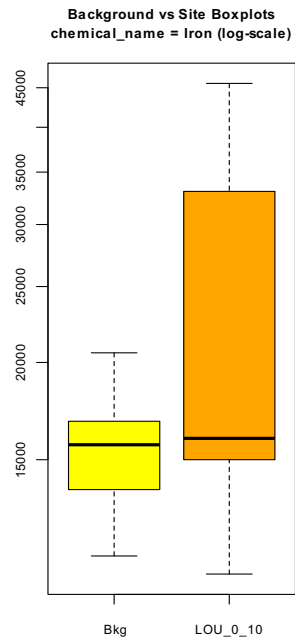
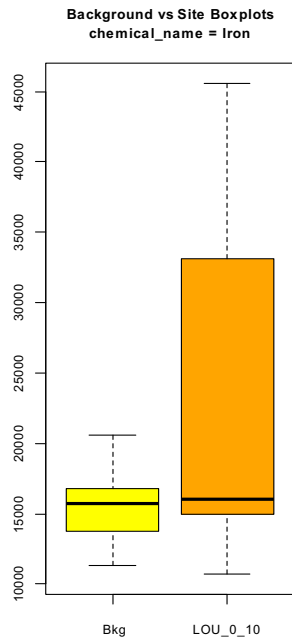


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)



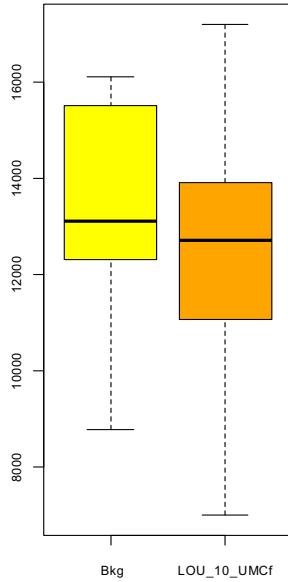
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

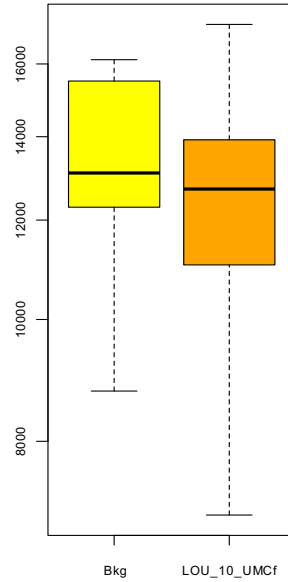
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

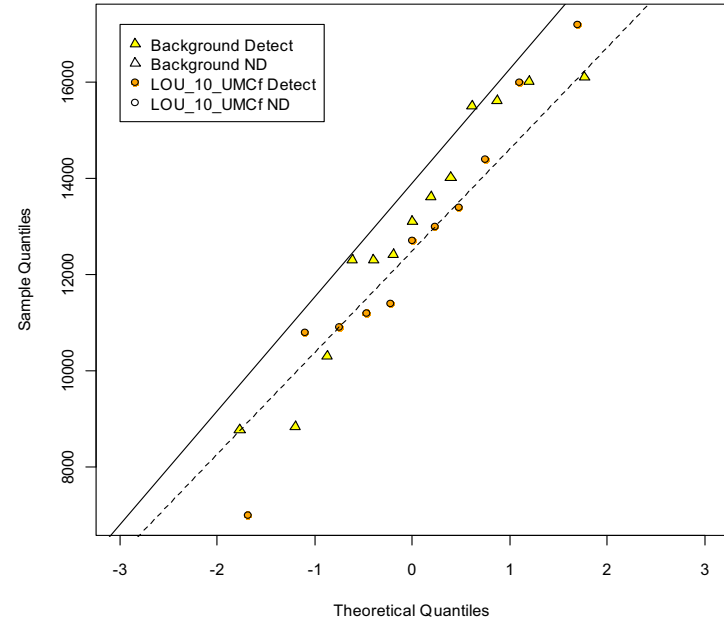
**Background vs Site Boxplots**  
chemical\_name = Iron



**Background vs Site Boxplots**  
chemical\_name = Iron (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Iron

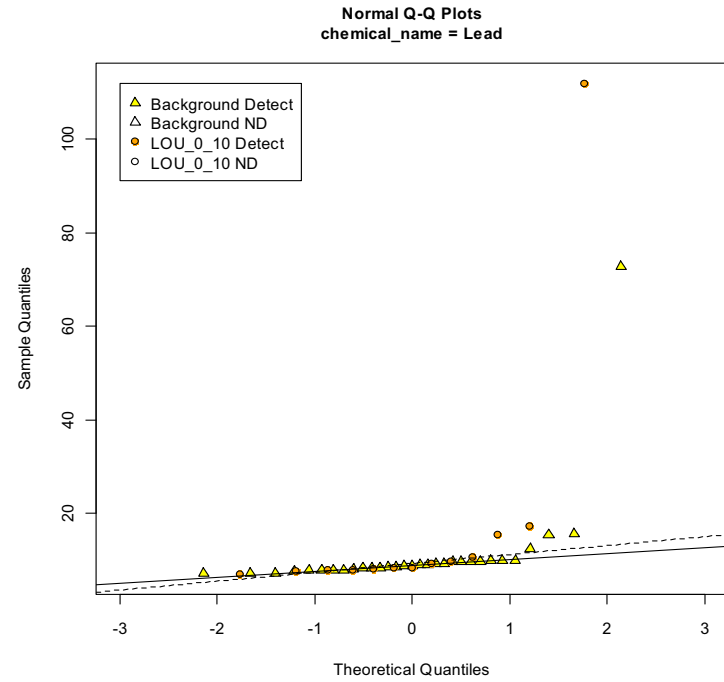
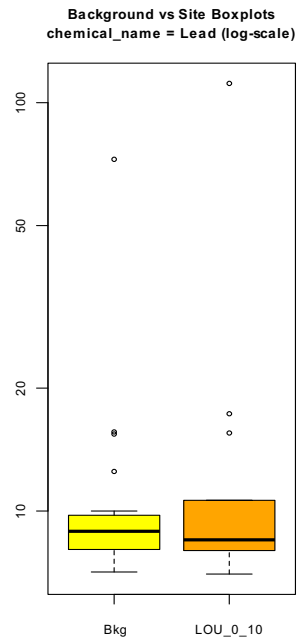
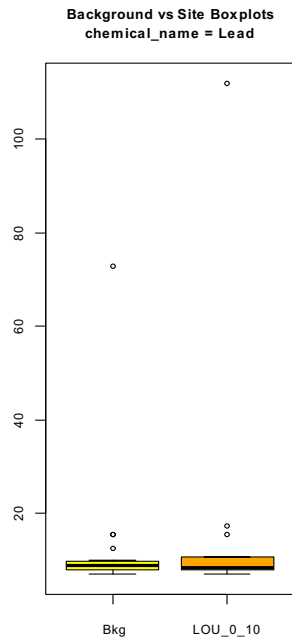


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

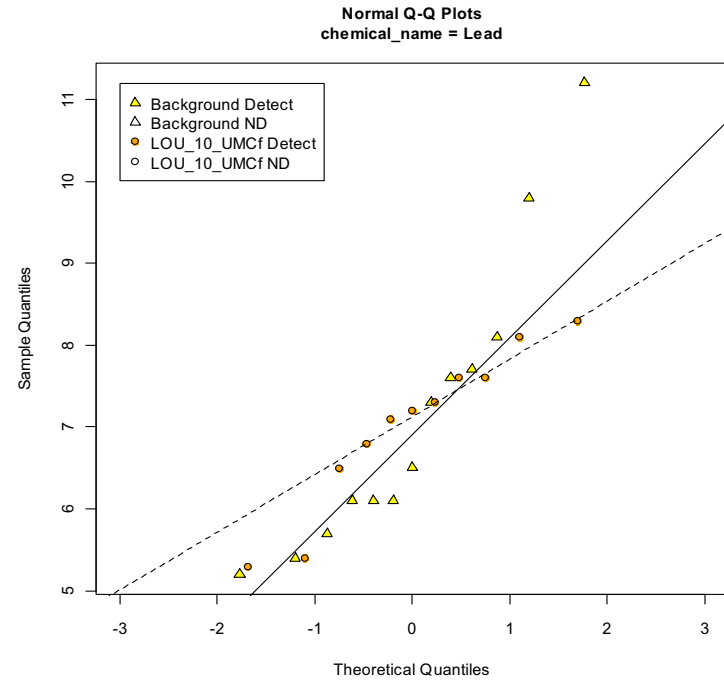
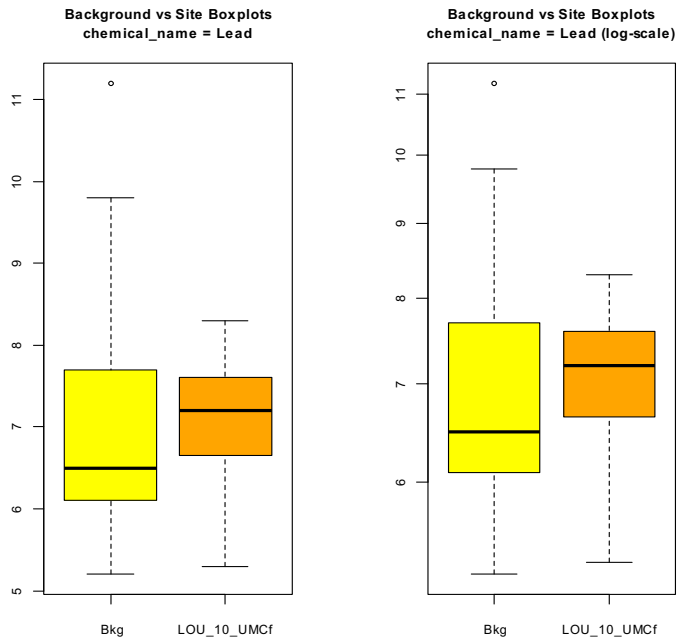


## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

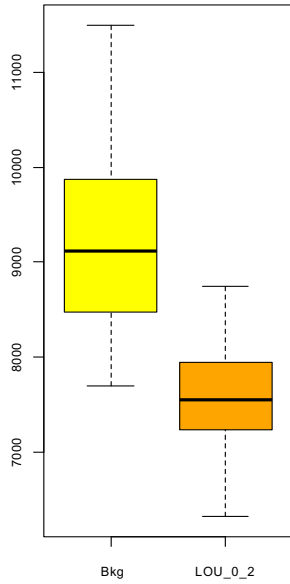


# Attachment 2

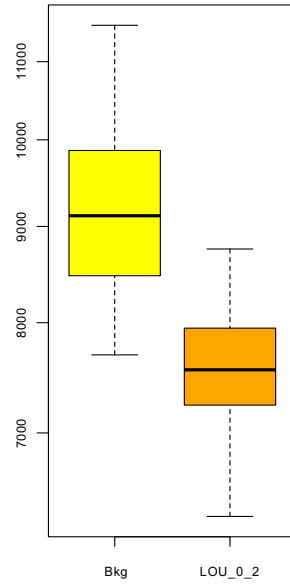
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

**Background vs Site Boxplots**  
chemical\_name = Magnesium

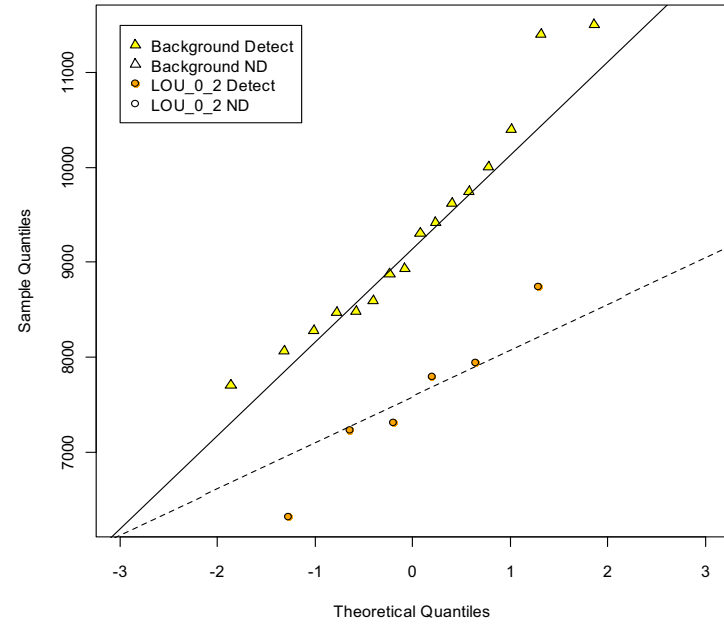


**Background vs Site Boxplots**  
chemical\_name = Magnesium (log-scale)



LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

**Normal Q-Q Plots**  
chemical\_name = Magnesium



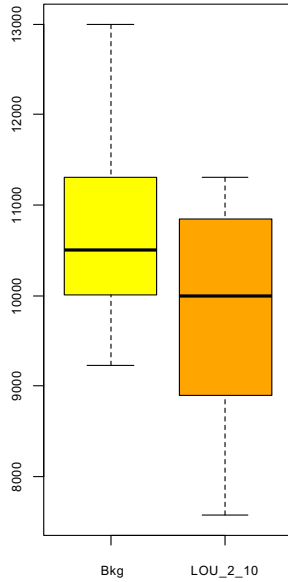
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

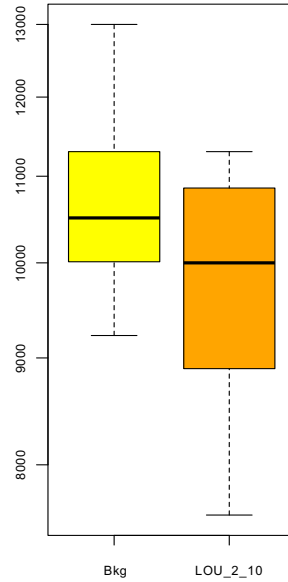
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

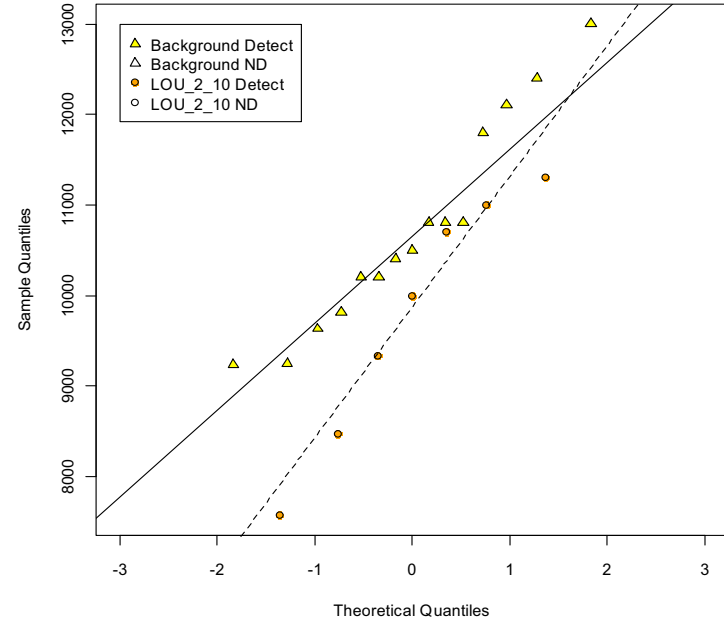
**Background vs Site Boxplots**  
chemical\_name = Magnesium



**Background vs Site Boxplots**  
chemical\_name = Magnesium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Magnesium



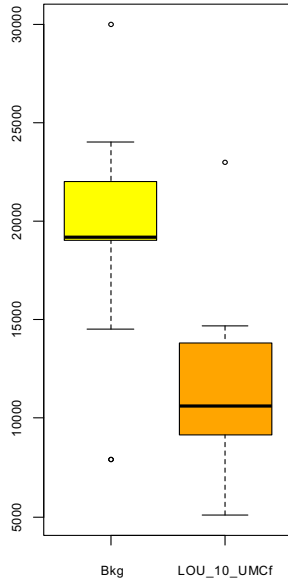
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

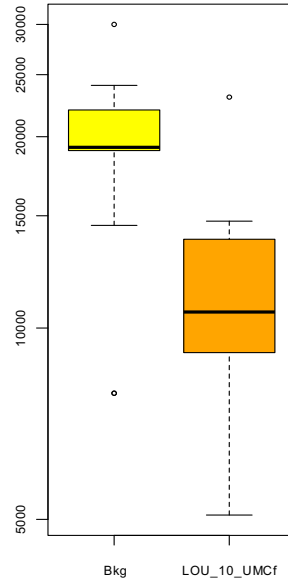
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

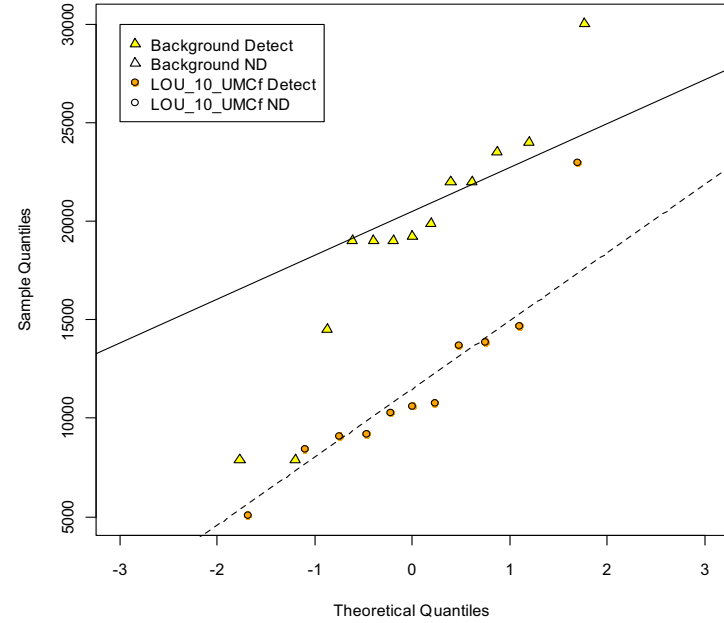
**Background vs Site Boxplots**  
chemical\_name = Magnesium



**Background vs Site Boxplots**  
chemical\_name = Magnesium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Magnesium



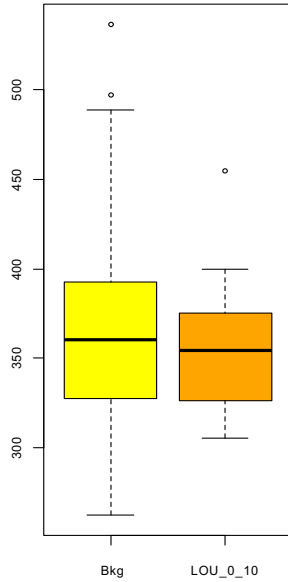
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

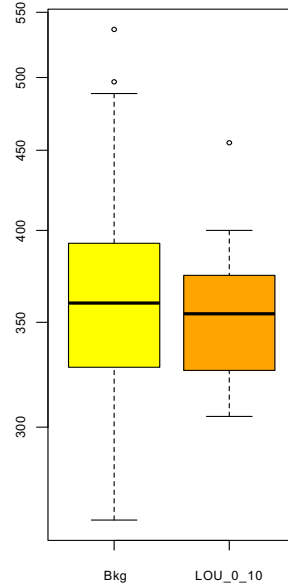
LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

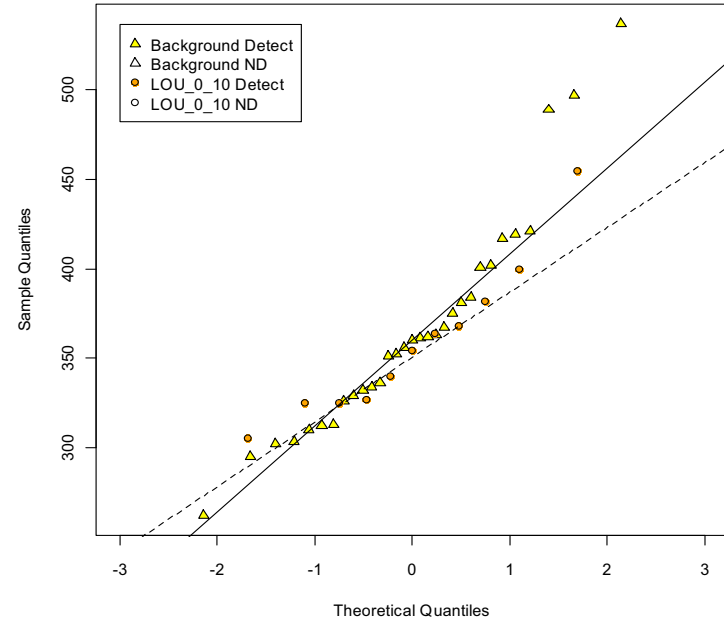
Background vs Site Boxplots  
chemical\_name = Manganese



Background vs Site Boxplots  
chemical\_name = Manganese (log-scale)



Normal Q-Q Plots  
chemical\_name = Manganese





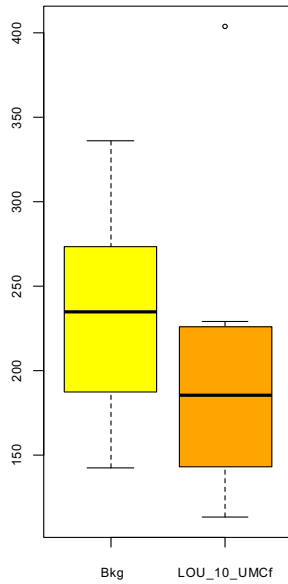
## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

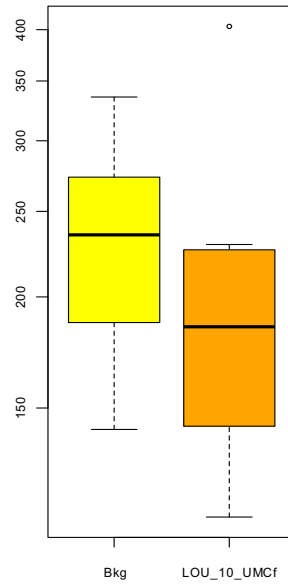
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

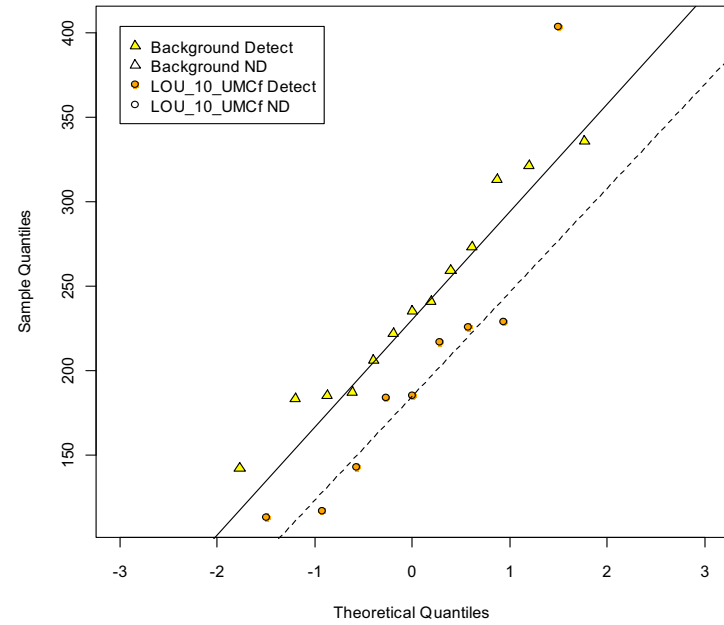
**Background vs Site Boxplots**  
chemical\_name = Manganese



**Background vs Site Boxplots**  
chemical\_name = Manganese (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Manganese

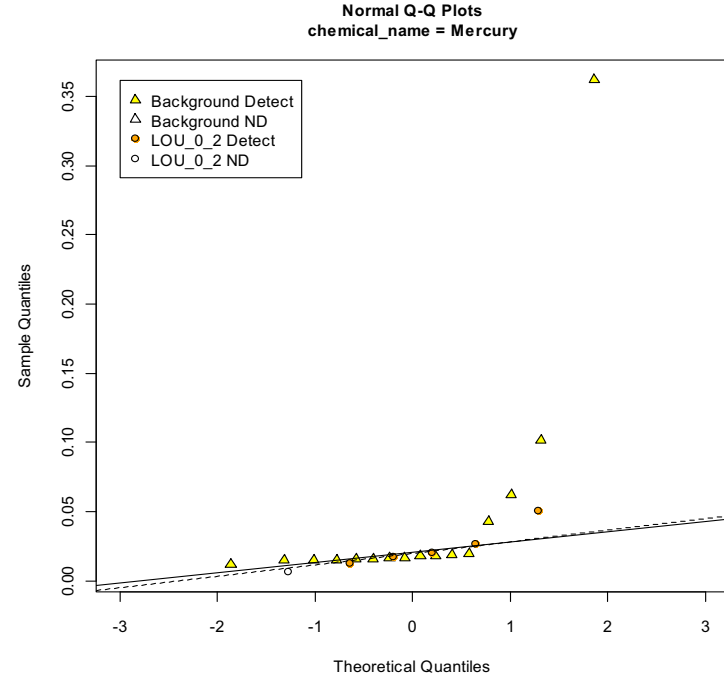
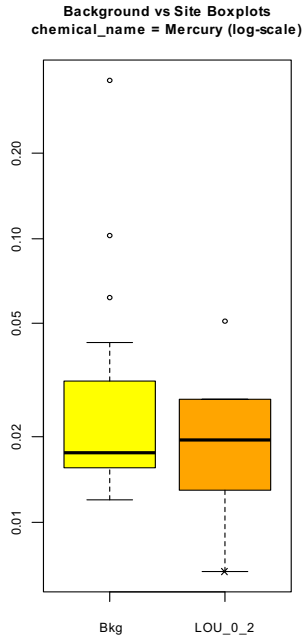
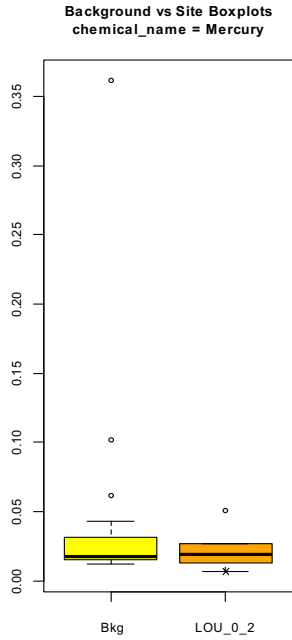


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)



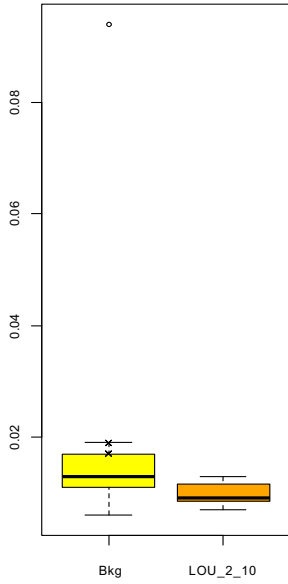
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

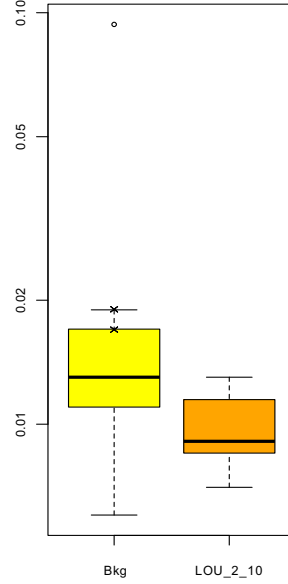
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

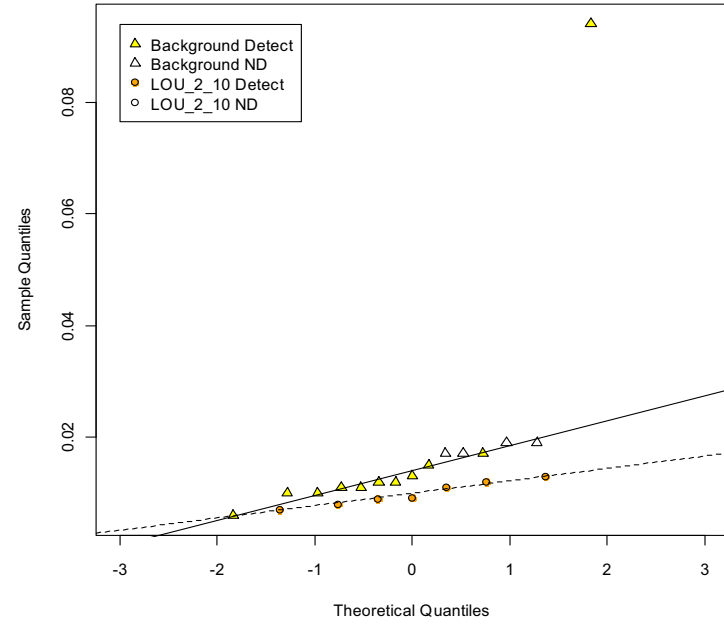
**Background vs Site Boxplots**  
chemical\_name = Mercury



**Background vs Site Boxplots**  
chemical\_name = Mercury (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Mercury



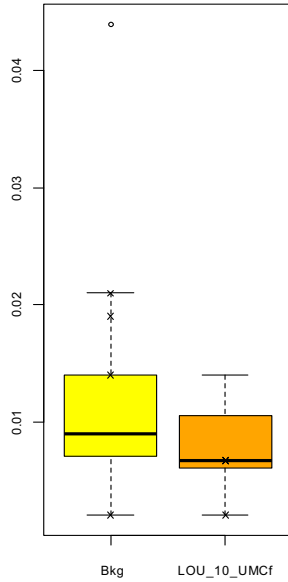
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

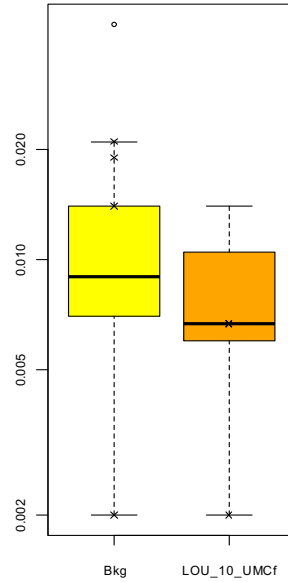
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

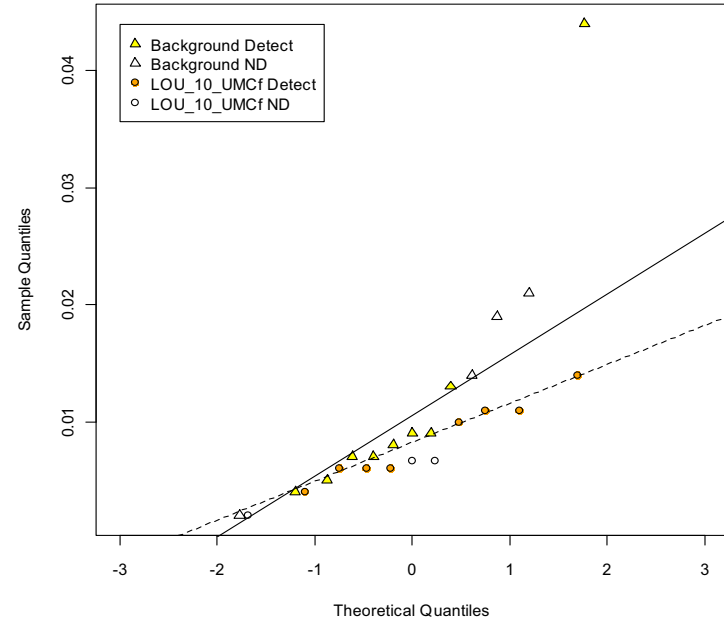
**Background vs Site Boxplots**  
chemical\_name = Mercury



**Background vs Site Boxplots**  
chemical\_name = Mercury (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Mercury

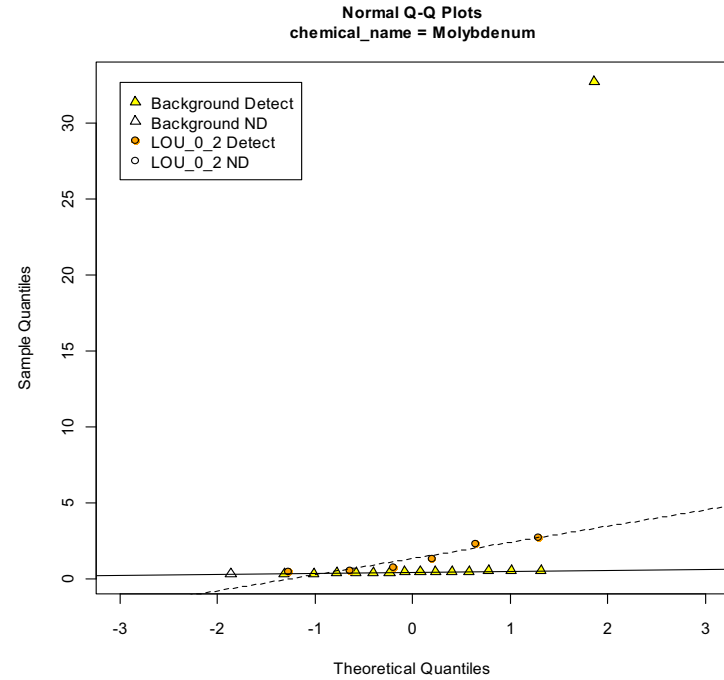
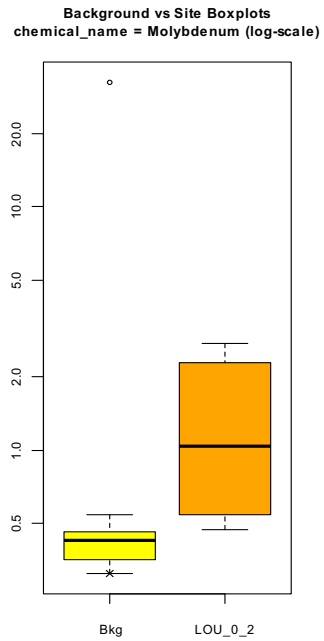
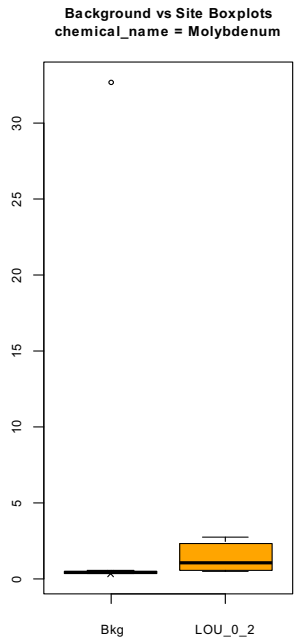


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)



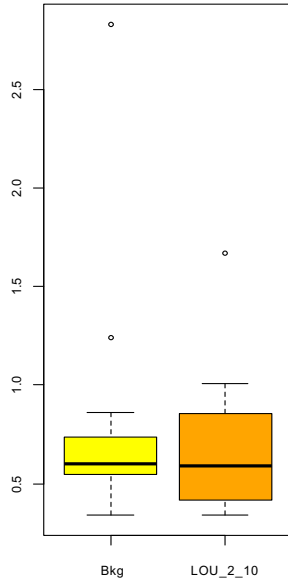
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

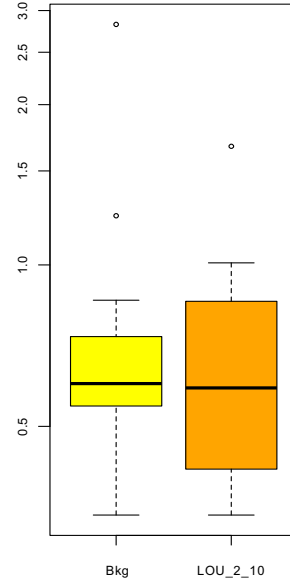
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

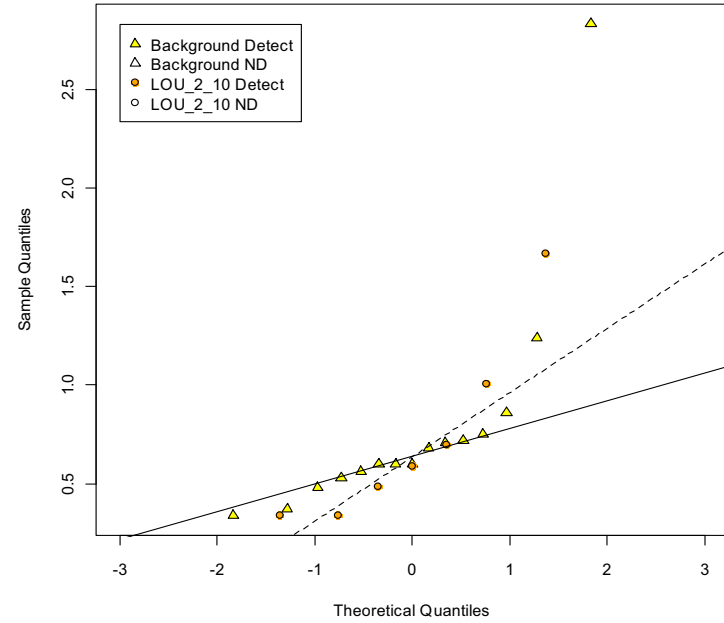
Background vs Site Boxplots  
chemical\_name = Molybdenum



Background vs Site Boxplots  
chemical\_name = Molybdenum (log-scale)



Normal Q-Q Plots  
chemical\_name = Molybdenum



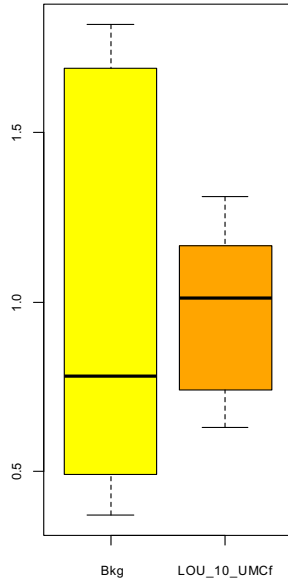
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

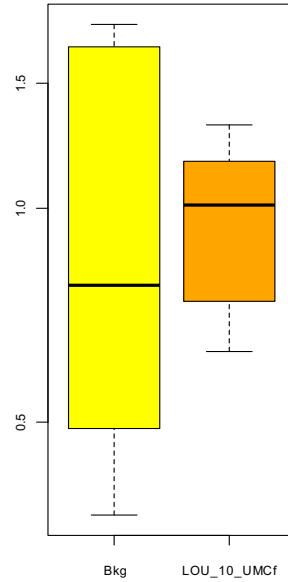
LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

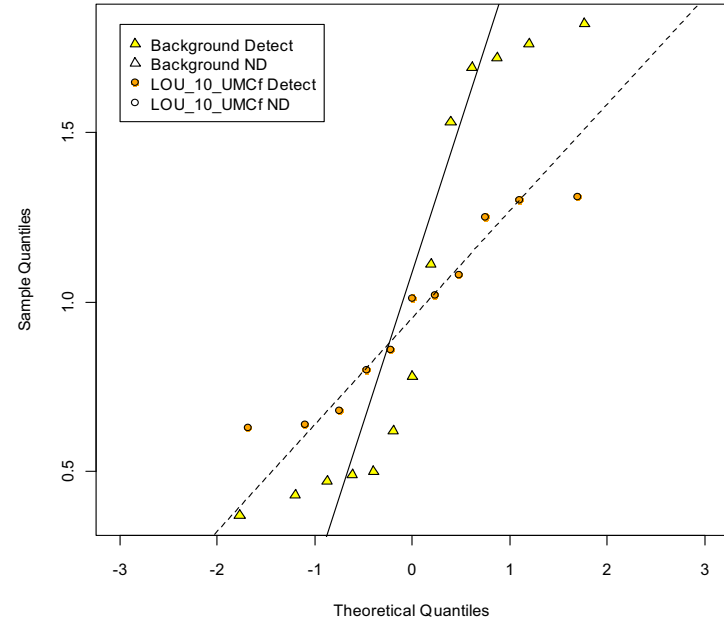
Background vs Site Boxplots  
chemical\_name = Molybdenum



Background vs Site Boxplots  
chemical\_name = Molybdenum (log-scale)



Normal Q-Q Plots  
chemical\_name = Molybdenum



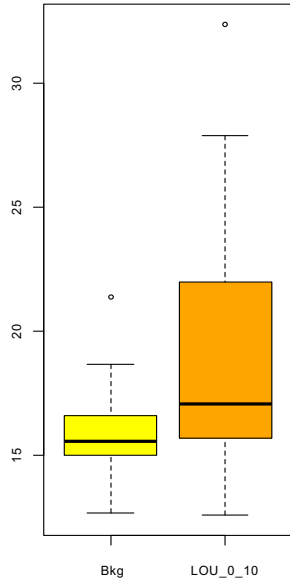
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

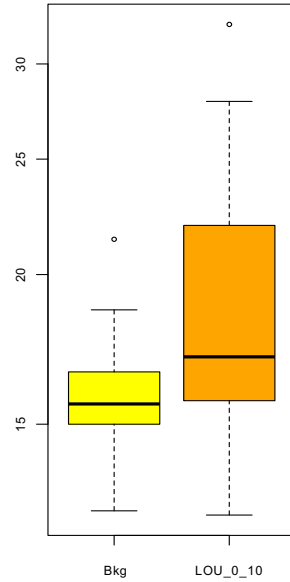
LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

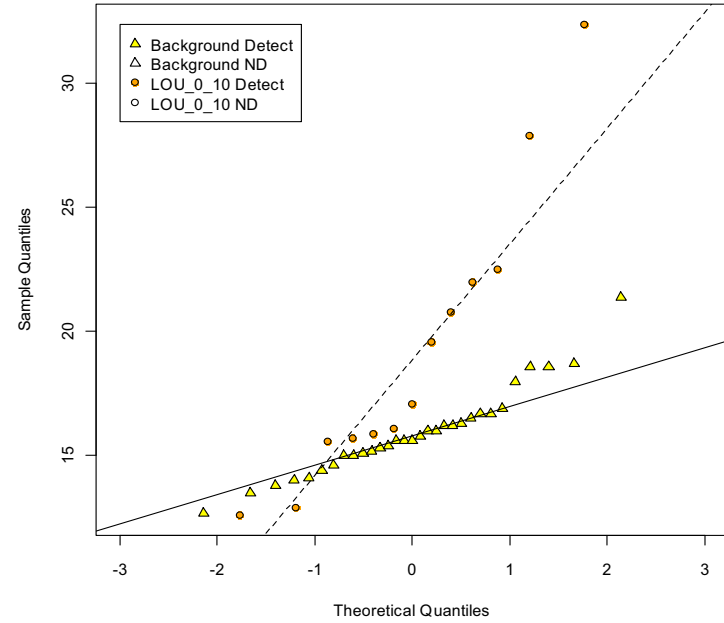
**Background vs Site Boxplots**  
chemical\_name = Nickel



**Background vs Site Boxplots**  
chemical\_name = Nickel (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Nickel





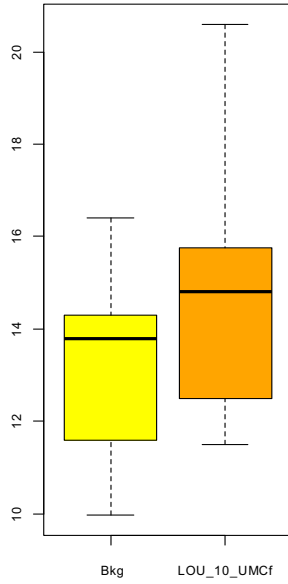
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

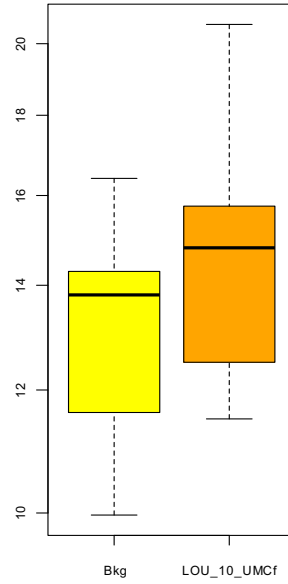
LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

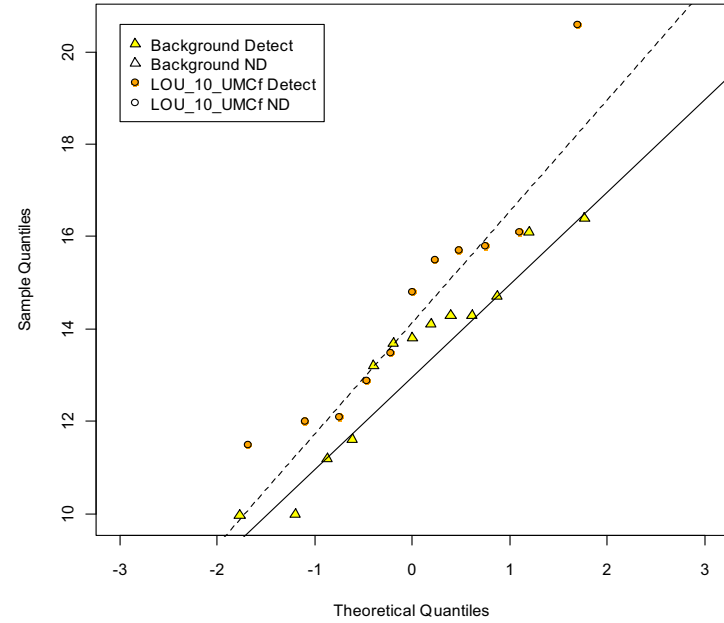
**Background vs Site Boxplots**  
chemical\_name = Nickel



**Background vs Site Boxplots**  
chemical\_name = Nickel (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Nickel

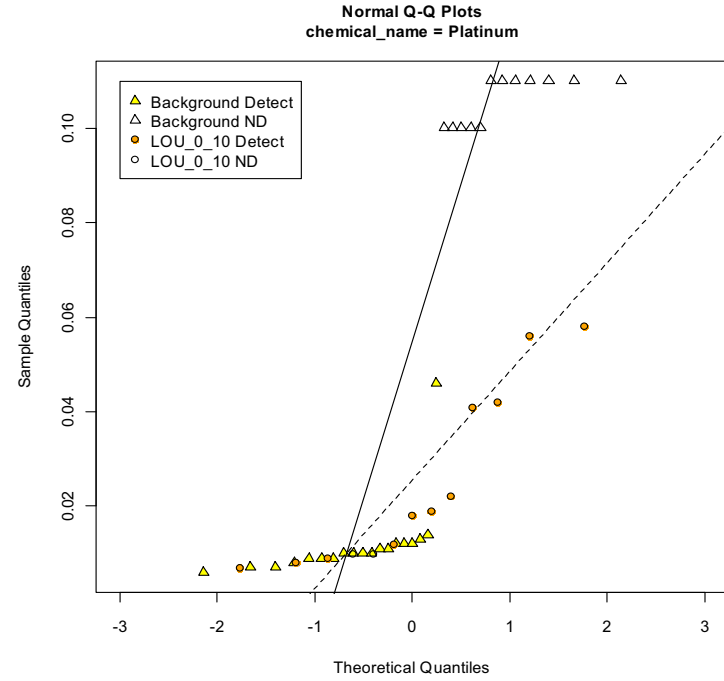
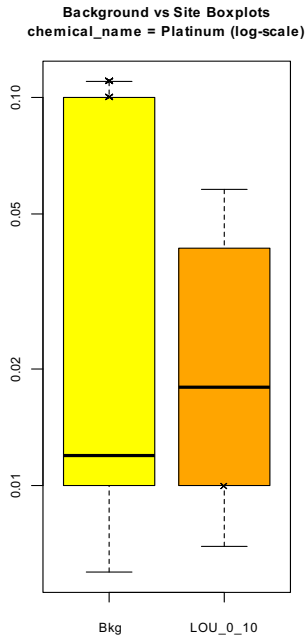
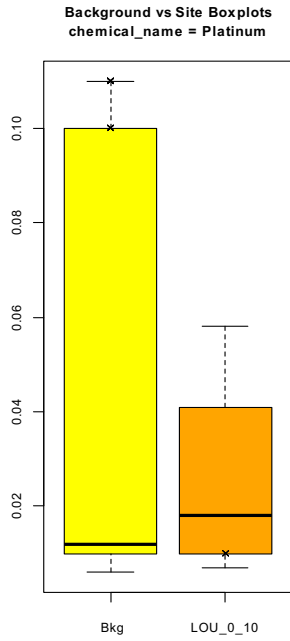


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

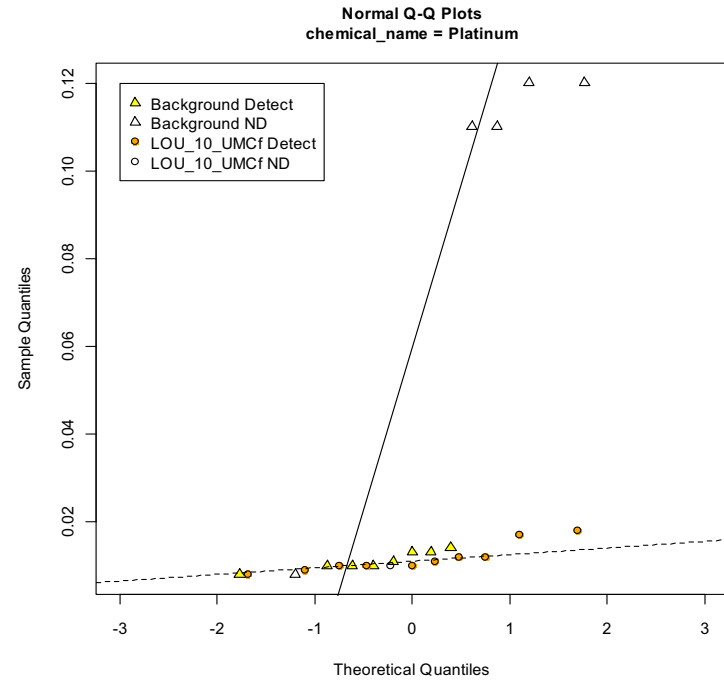
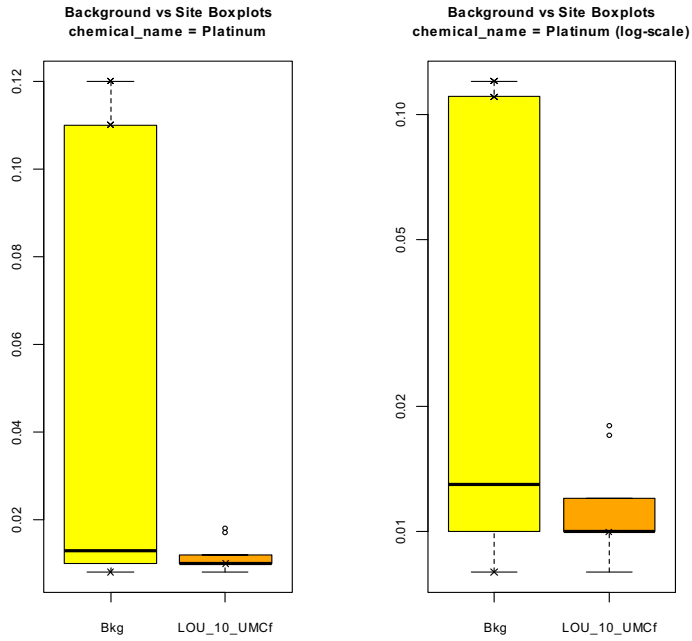


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)



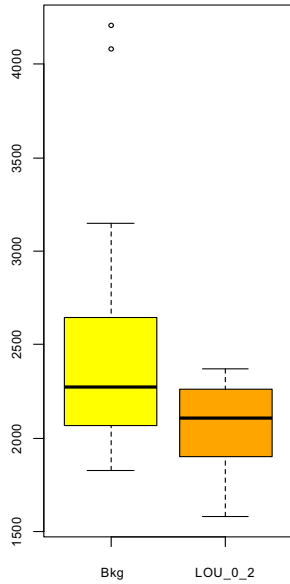
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

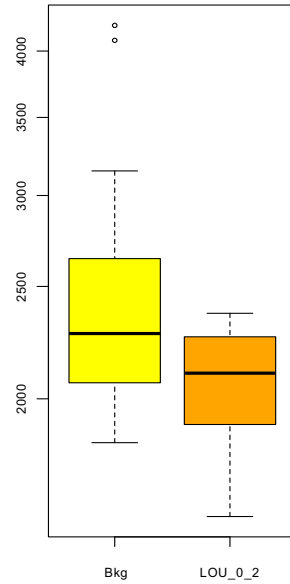
LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

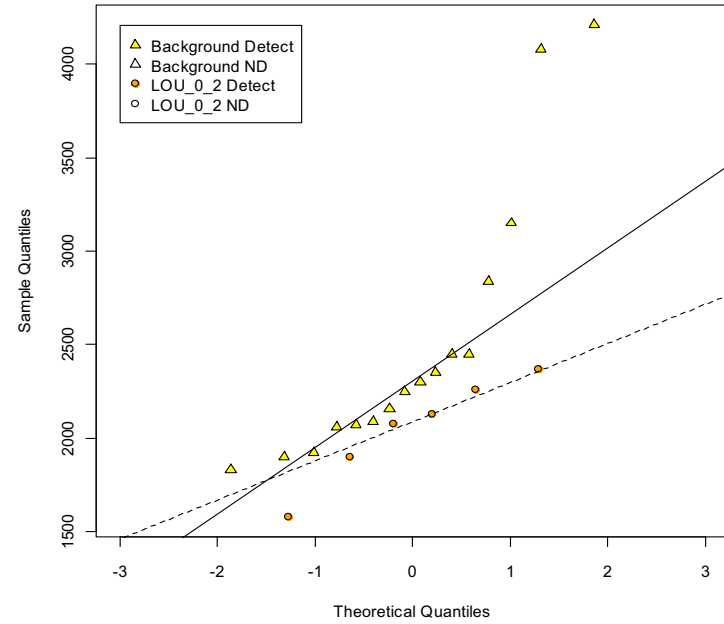
**Background vs Site Boxplots**  
chemical\_name = Potassium



**Background vs Site Boxplots**  
chemical\_name = Potassium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Potassium

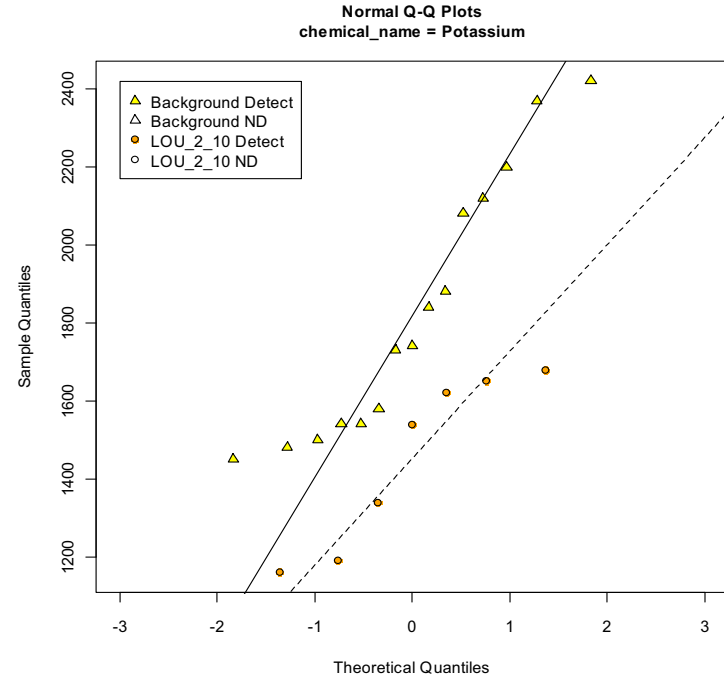
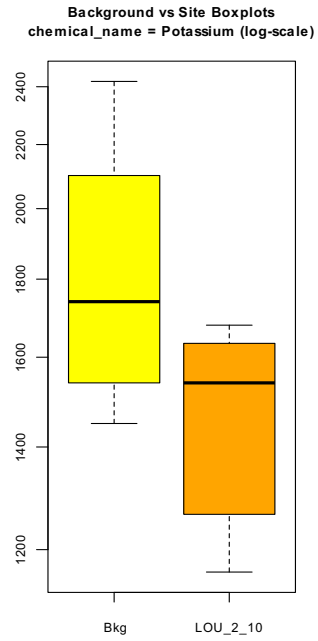
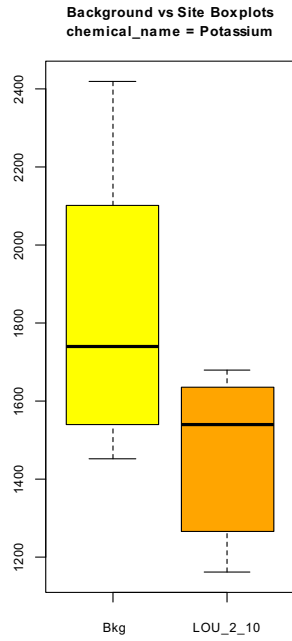


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

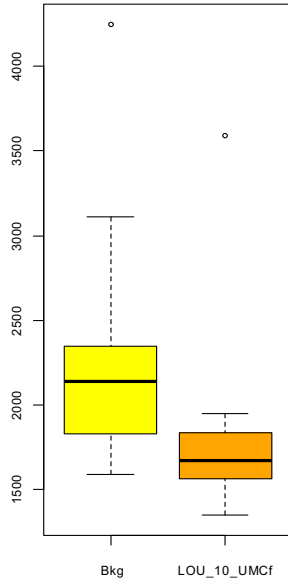


# Attachment 2

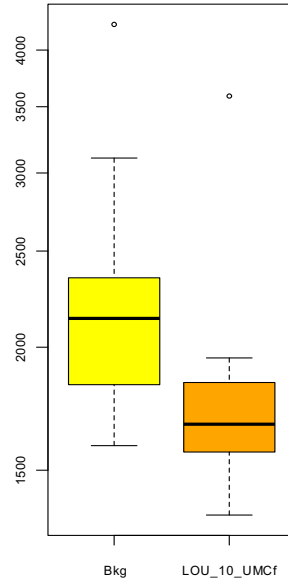
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

**Background vs Site Boxplots**  
chemical\_name = Potassium

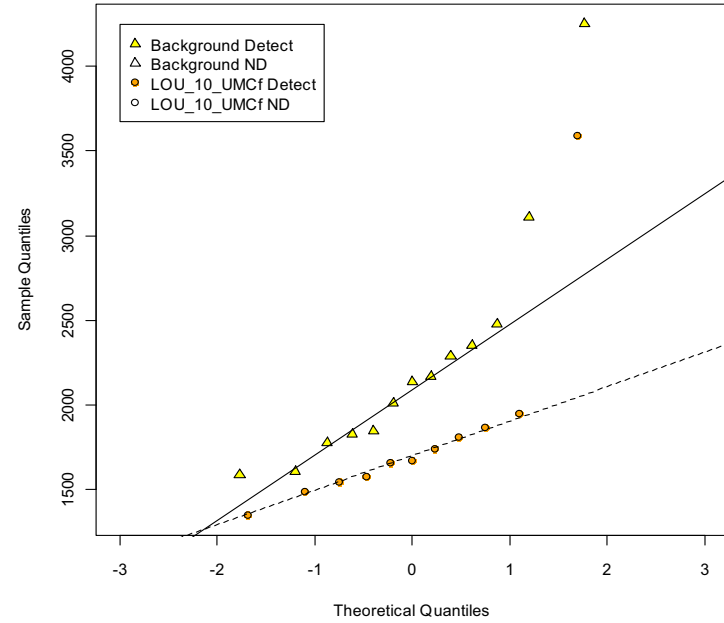


**Background vs Site Boxplots**  
chemical\_name = Potassium (log-scale)



LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

**Normal Q-Q Plots**  
chemical\_name = Potassium



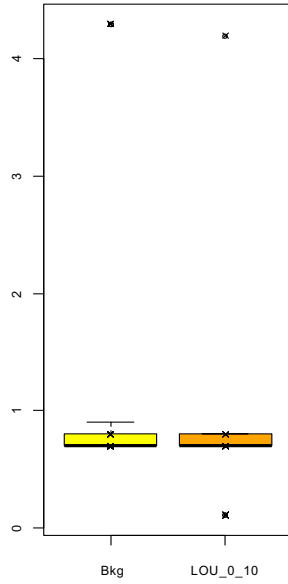
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

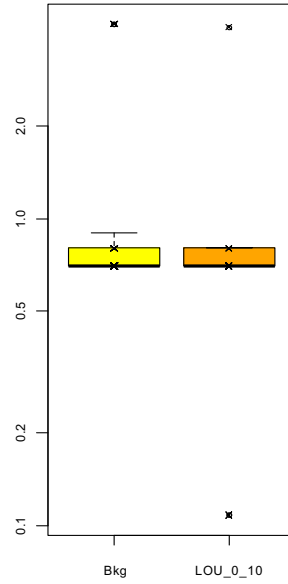
LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

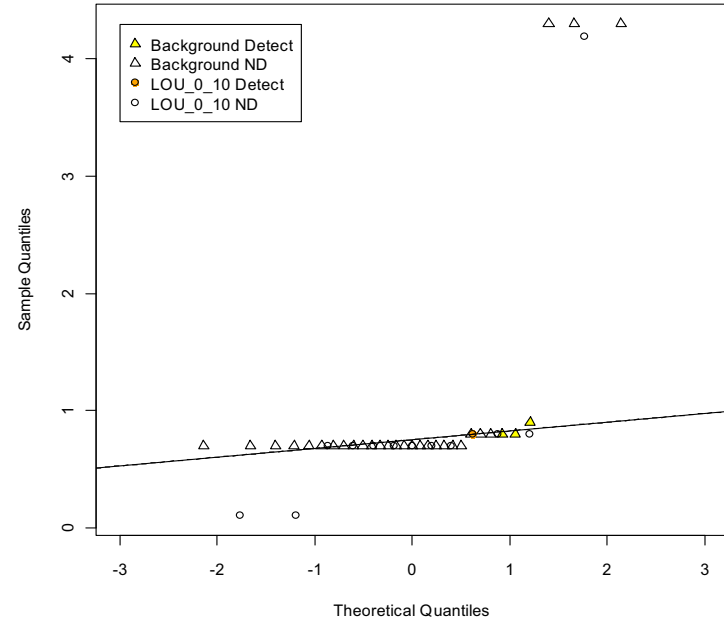
**Background vs Site Boxplots**  
chemical\_name = Selenium



**Background vs Site Boxplots**  
chemical\_name = Selenium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Selenium



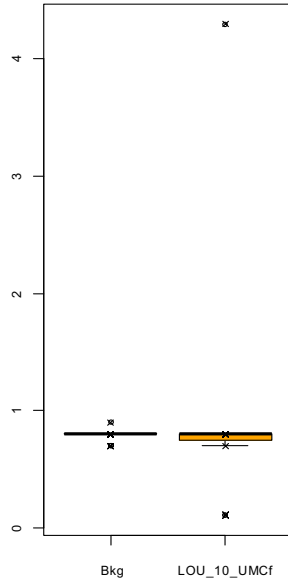
## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

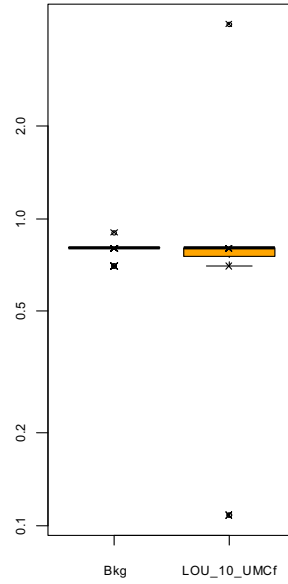
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

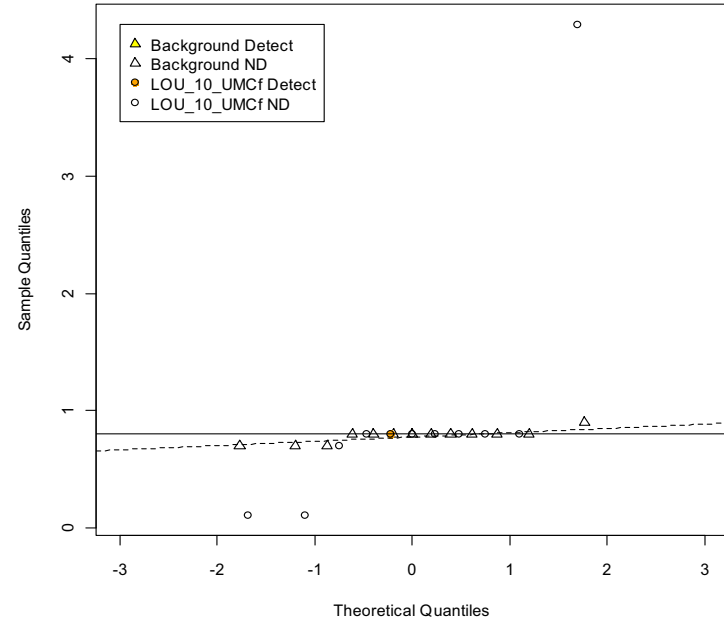
**Background vs Site Boxplots**  
chemical\_name = Selenium



**Background vs Site Boxplots**  
chemical\_name = Selenium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Selenium



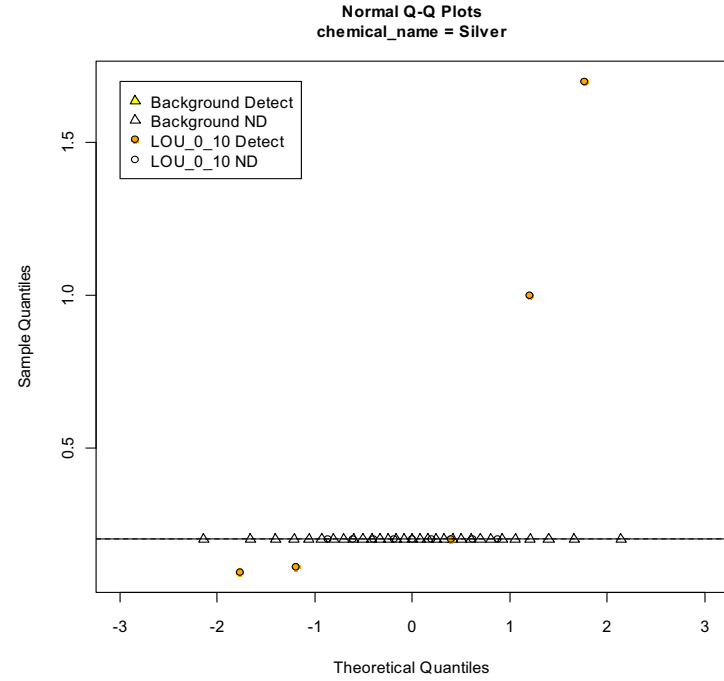
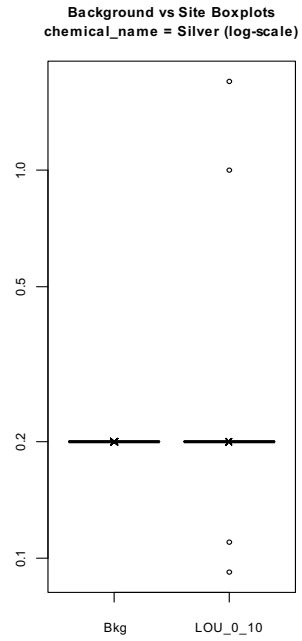
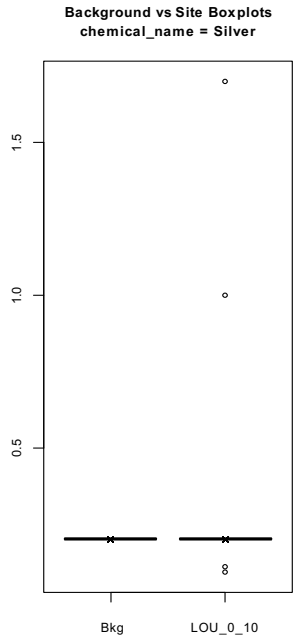


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

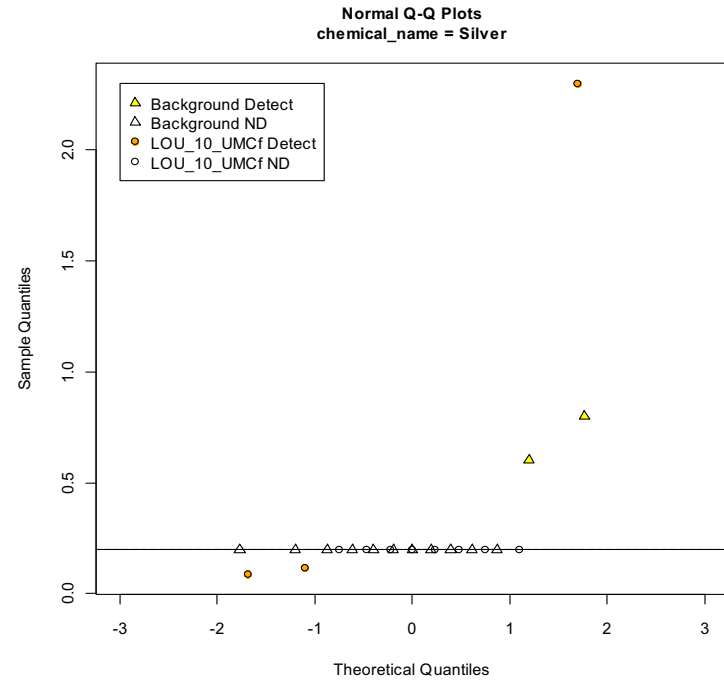
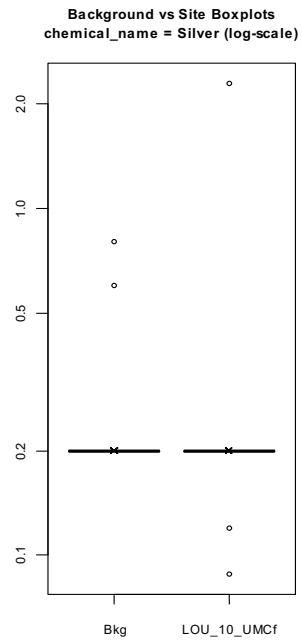
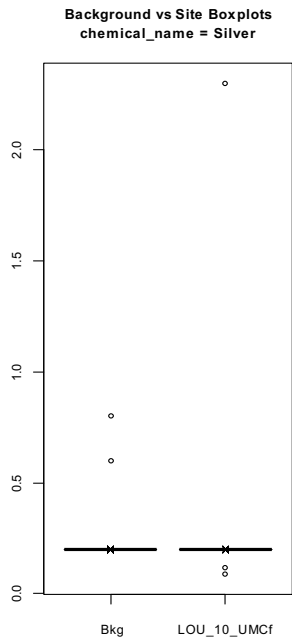


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

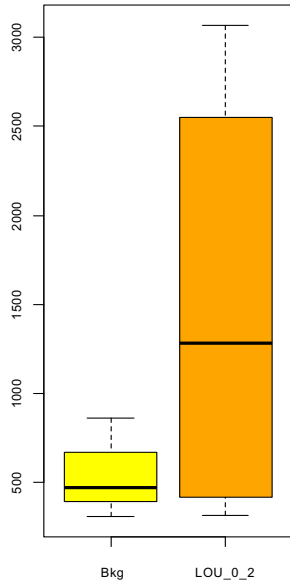


# Attachment 2

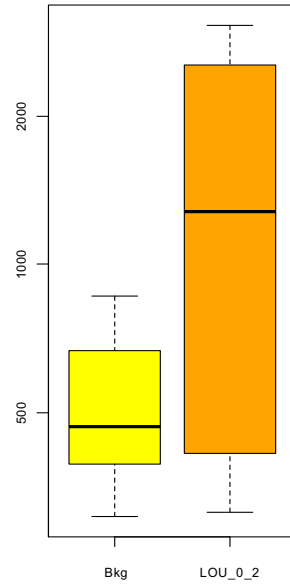
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

**Background vs Site Boxplots**  
chemical\_name = Sodium

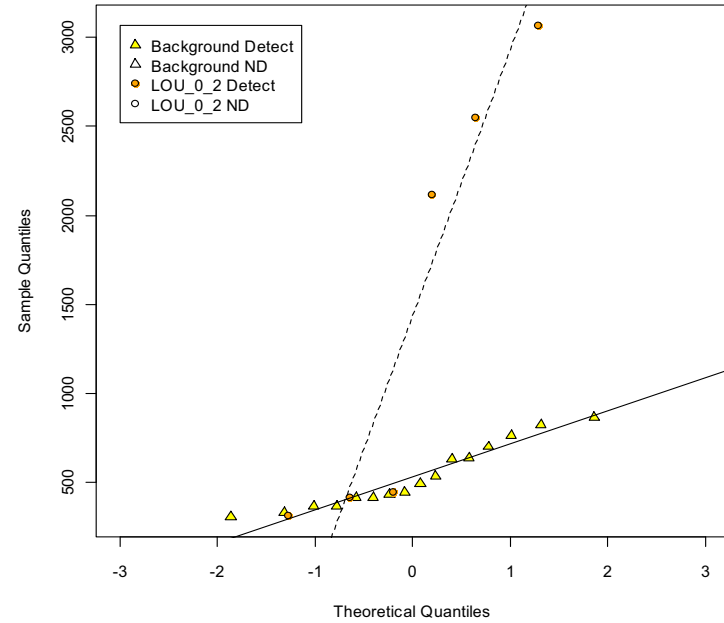


**Background vs Site Boxplots**  
chemical\_name = Sodium (log-scale)



LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

**Normal Q-Q Plots**  
chemical\_name = Sodium



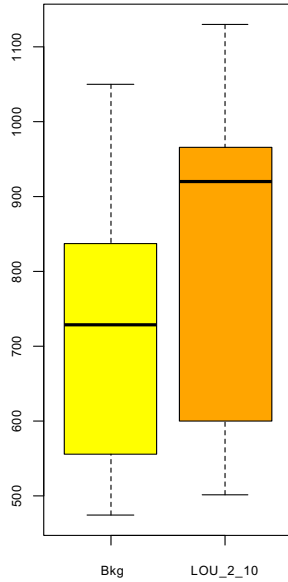
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

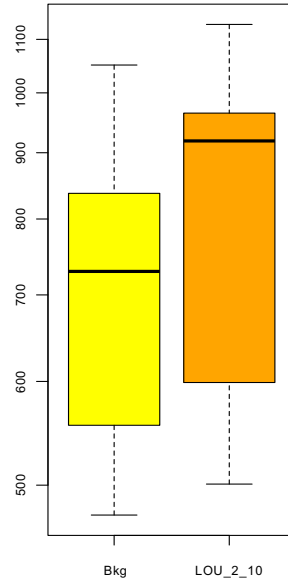
LOU 62 – Background Data (2-10 fbg), Site Data (2-10 fbg)

LOU 62 – Background Data (2-10 fbg), Site Data (2-10 fbg)

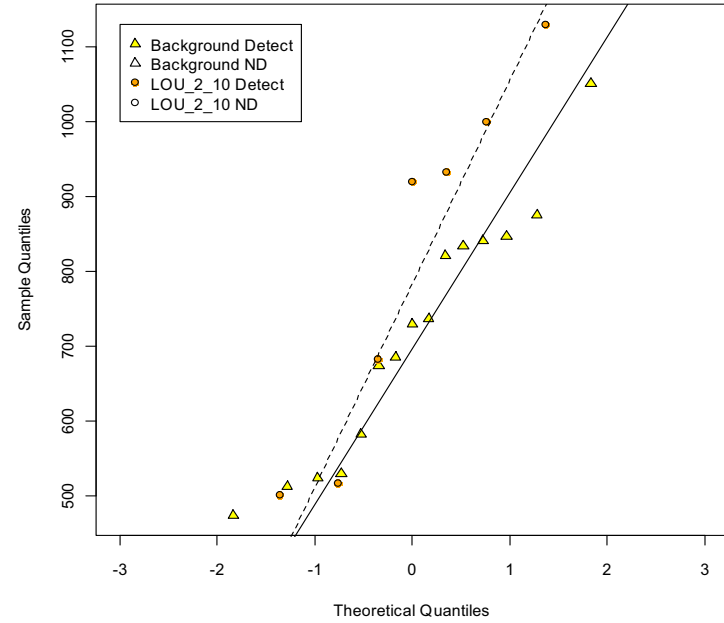
**Background vs Site Boxplots**  
chemical\_name = Sodium



**Background vs Site Boxplots**  
chemical\_name = Sodium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Sodium



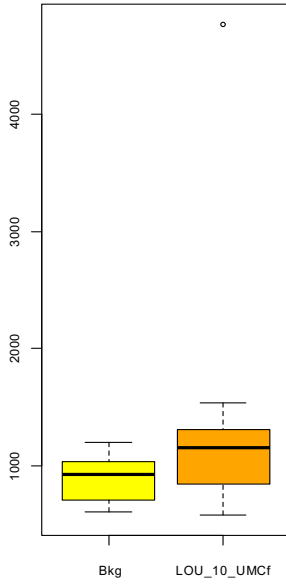
## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

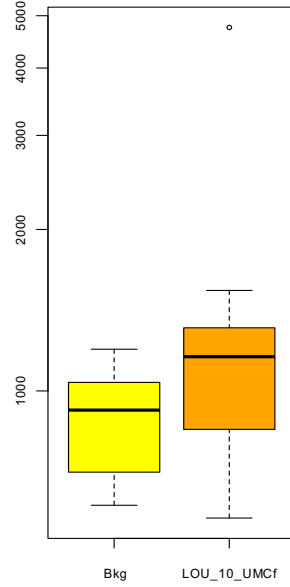
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

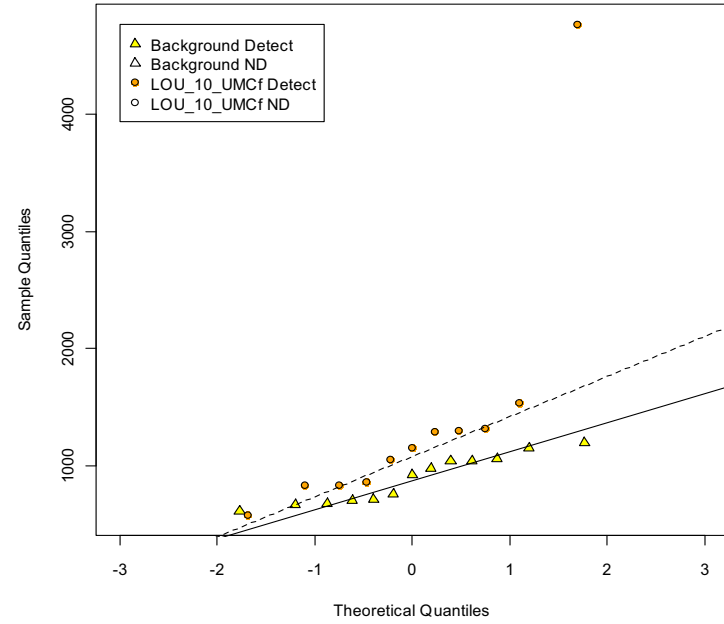
**Background vs Site Boxplots**  
chemical\_name = Sodium



**Background vs Site Boxplots**  
chemical\_name = Sodium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Sodium

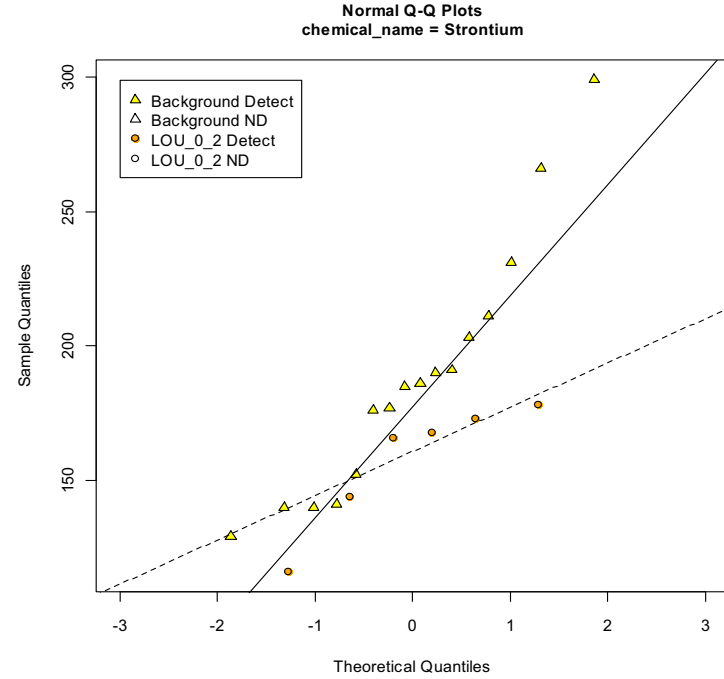
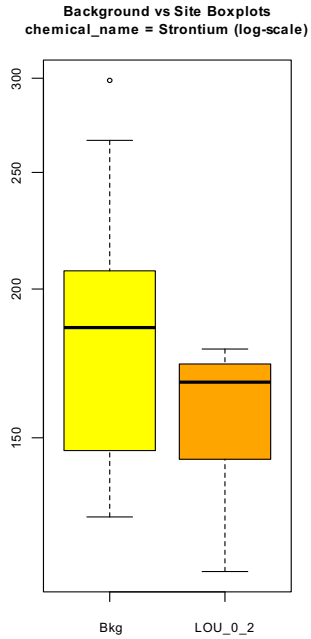
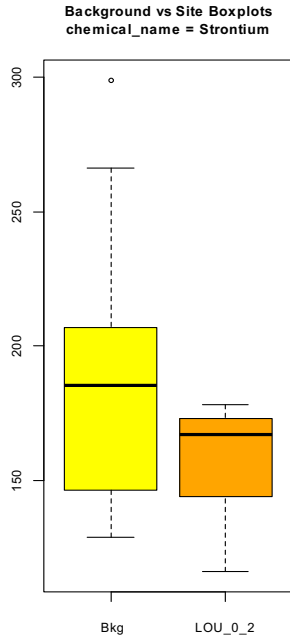


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)



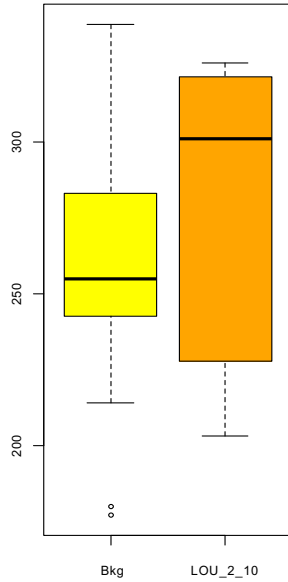
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

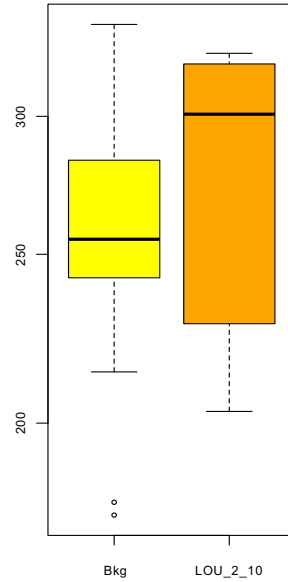
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

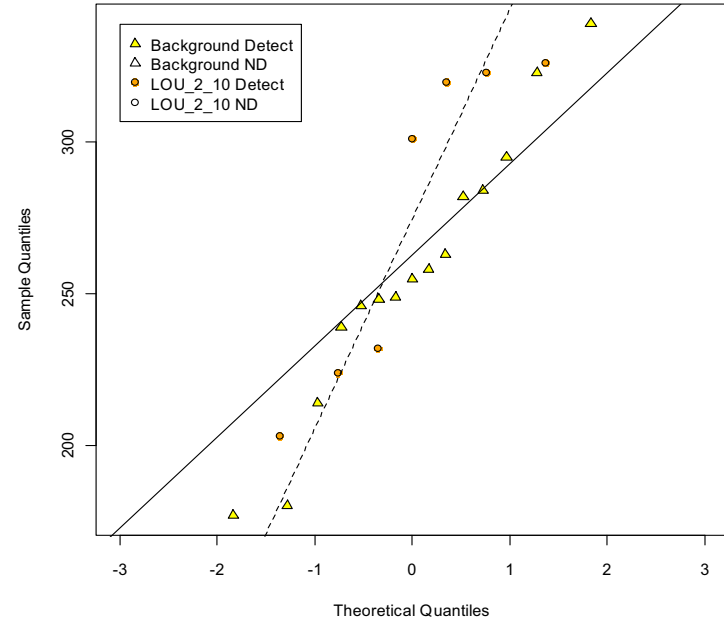
**Background vs Site Boxplots**  
chemical\_name = Strontium



**Background vs Site Boxplots**  
chemical\_name = Strontium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Strontium



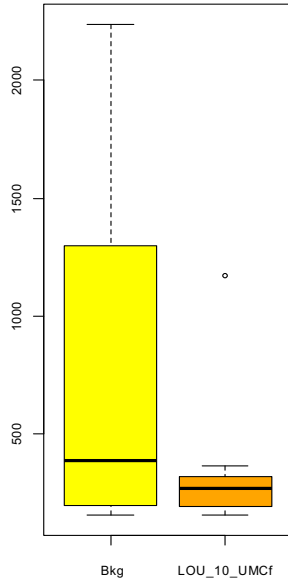
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

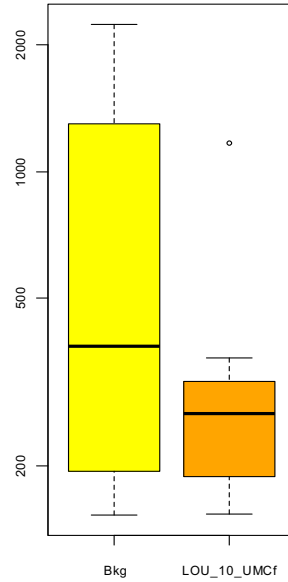
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

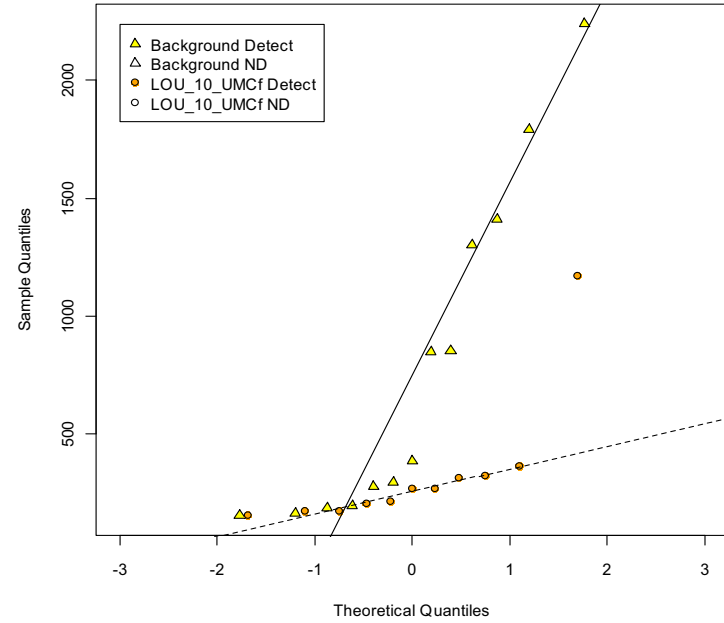
**Background vs Site Boxplots**  
chemical\_name = Strontium



**Background vs Site Boxplots**  
chemical\_name = Strontium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Strontium





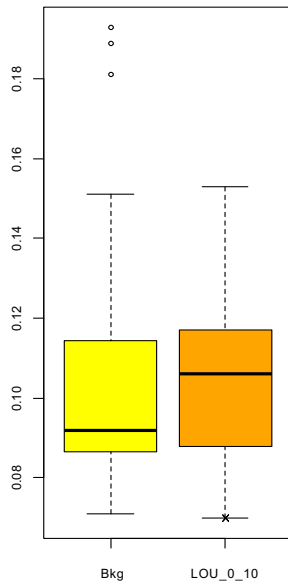
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

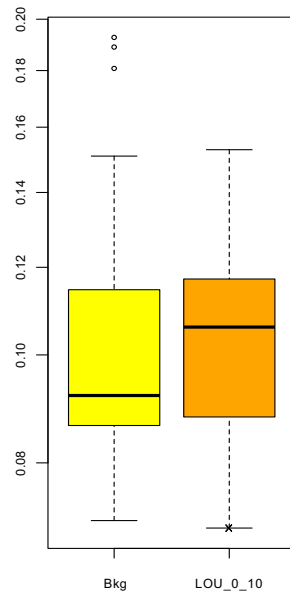
LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

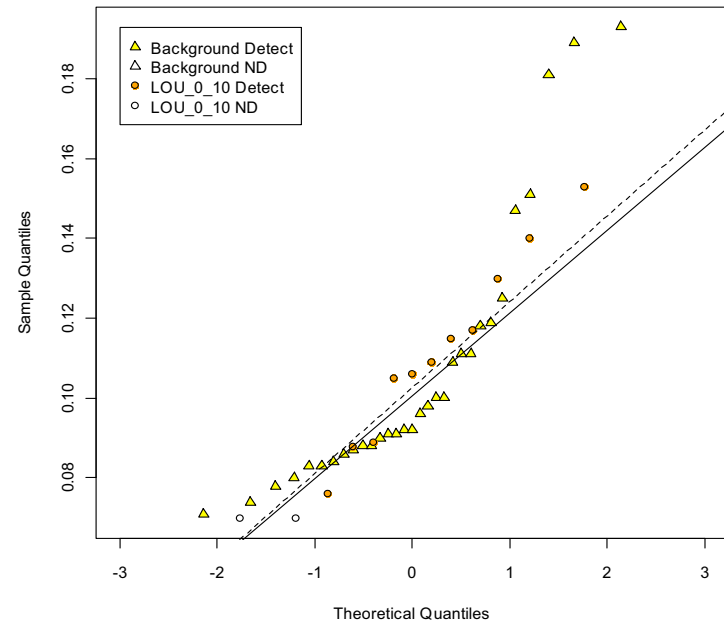
**Background vs Site Boxplots**  
chemical\_name = Thallium



**Background vs Site Boxplots**  
chemical\_name = Thallium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Thallium

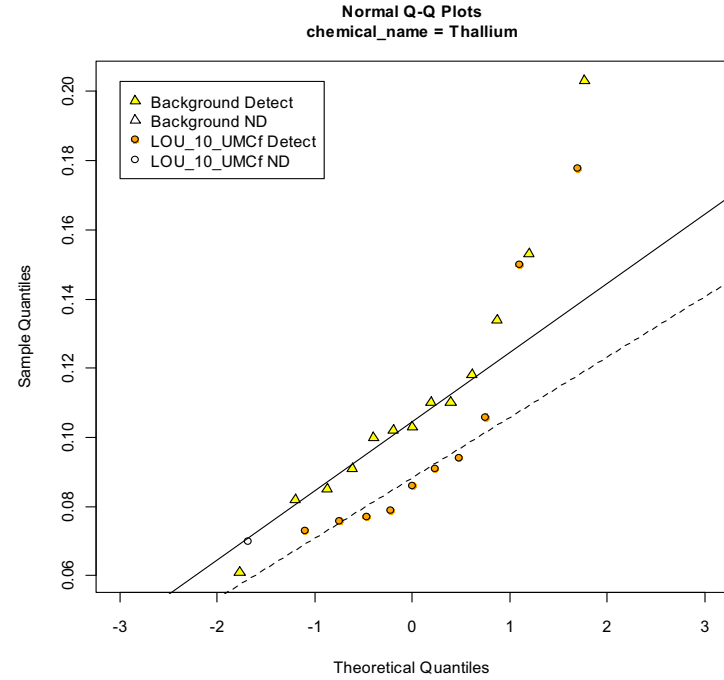
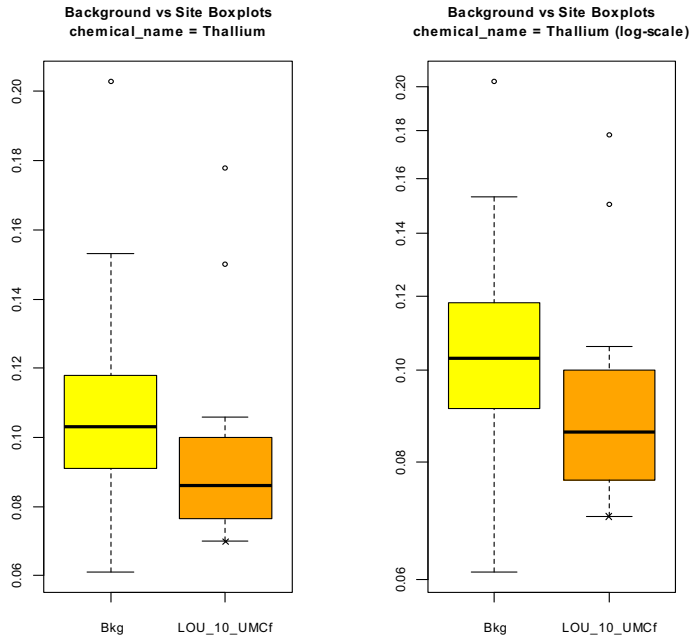


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

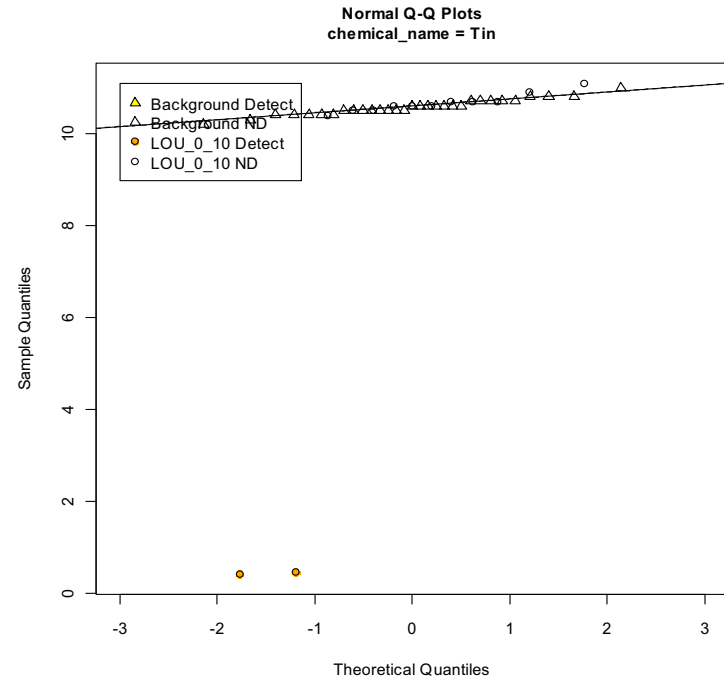
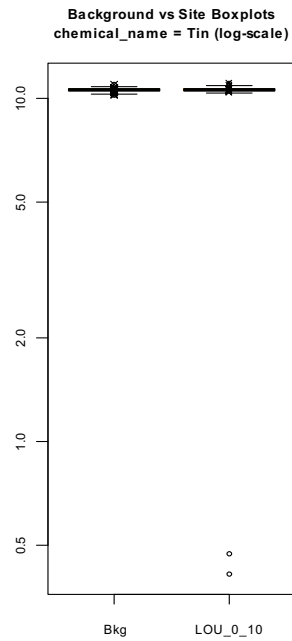
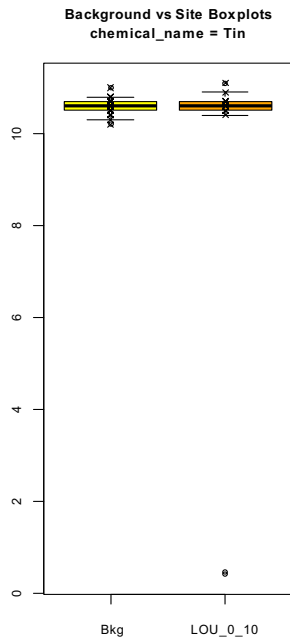


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)



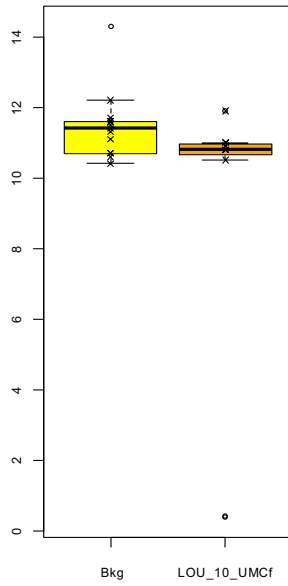
## Attachment 2

### LOU 62 - Background Comparison Statistical Plots

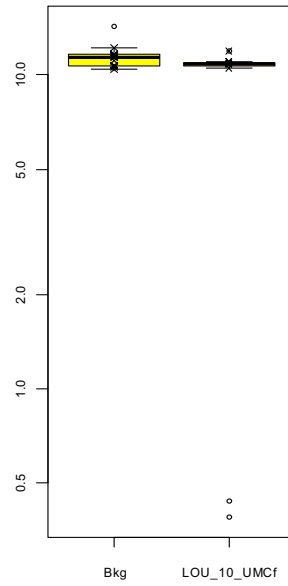
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

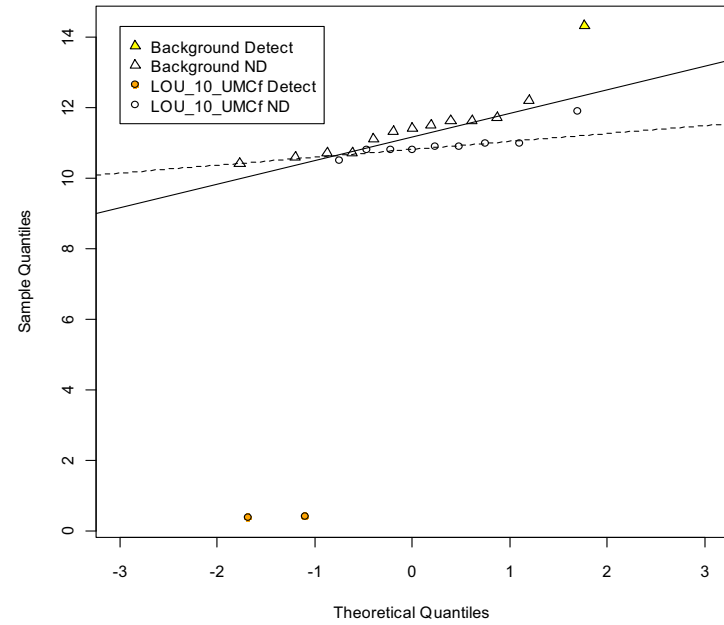
**Background vs Site Boxplots**  
chemical\_name = Tin



**Background vs Site Boxplots**  
chemical\_name = Tin (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Tin

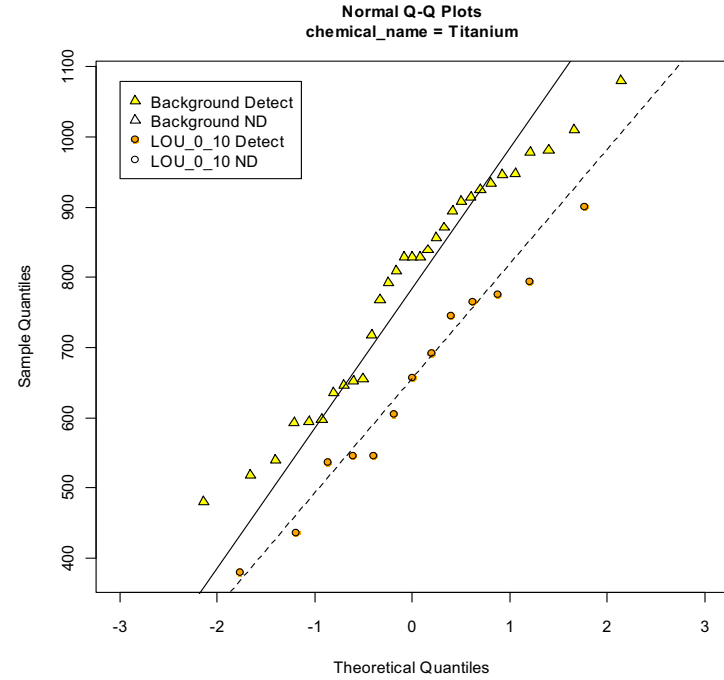
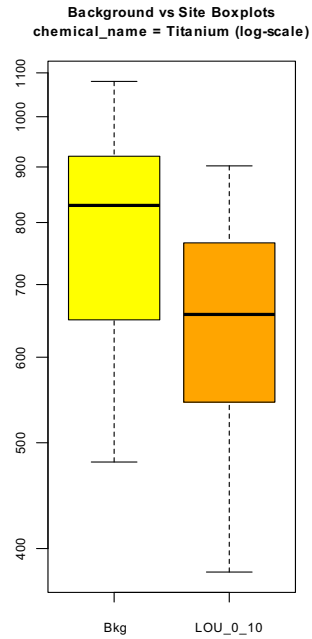
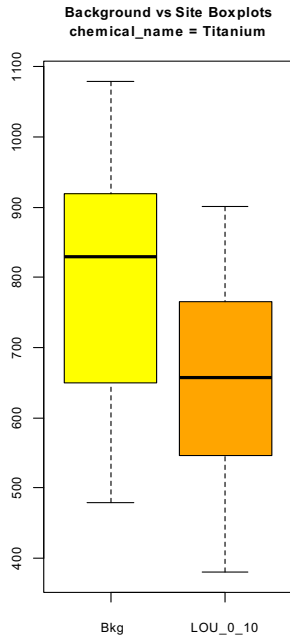


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)



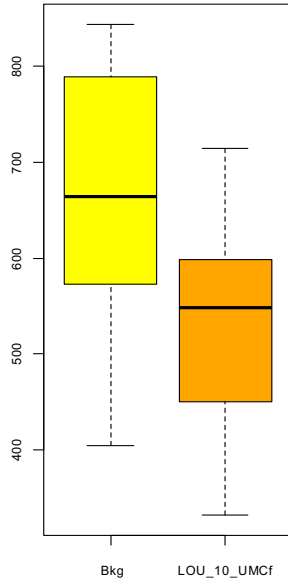
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

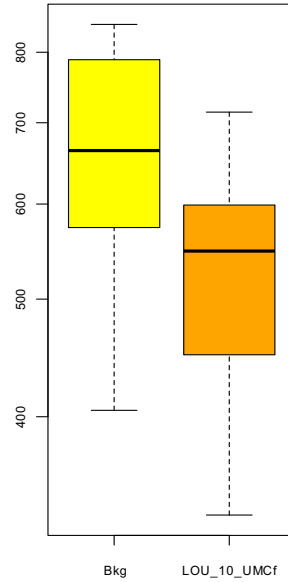
LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

LOU 62 – Background Data (10-UMCf fbs), Site Data (10-UMCf fbs)

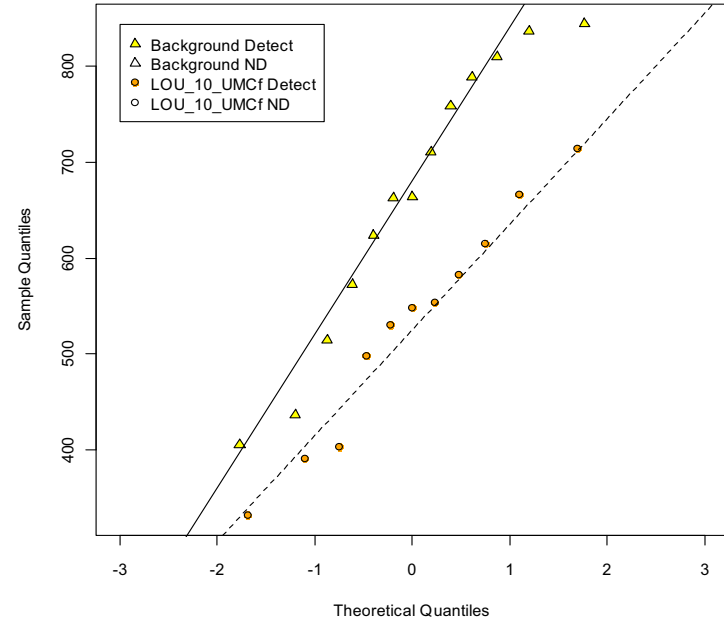
**Background vs Site Boxplots**  
chemical\_name = Titanium



**Background vs Site Boxplots**  
chemical\_name = Titanium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Titanium

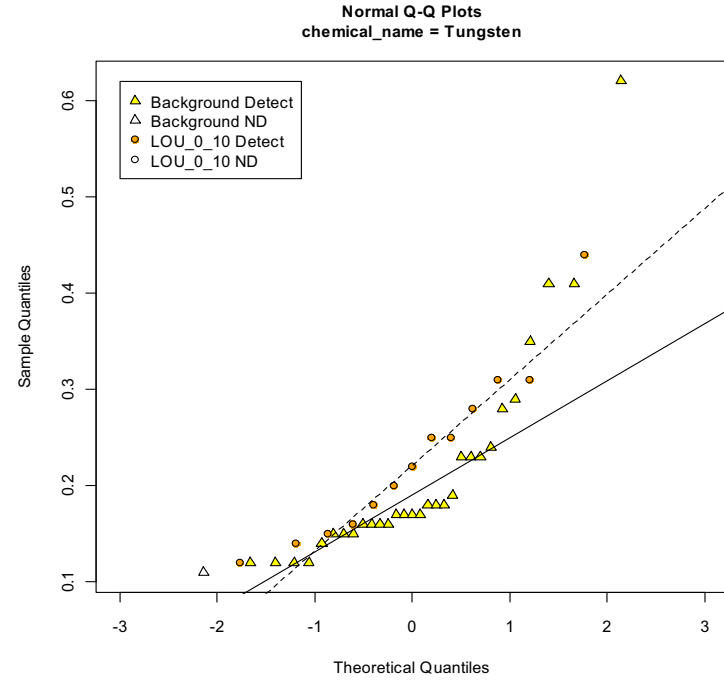
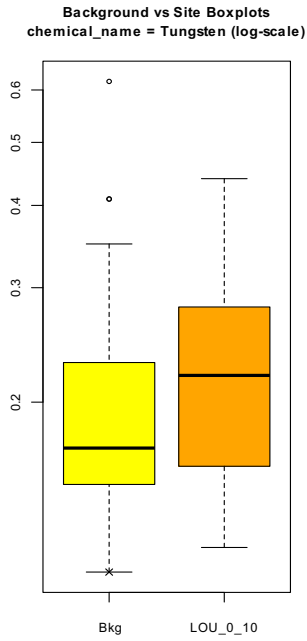
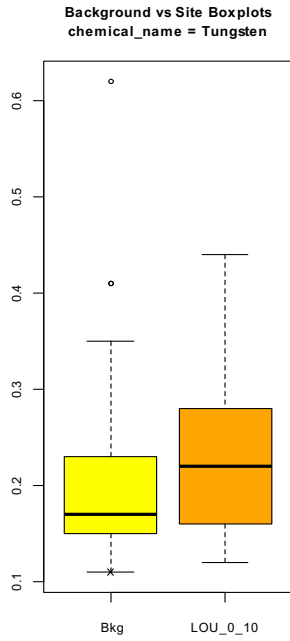


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)



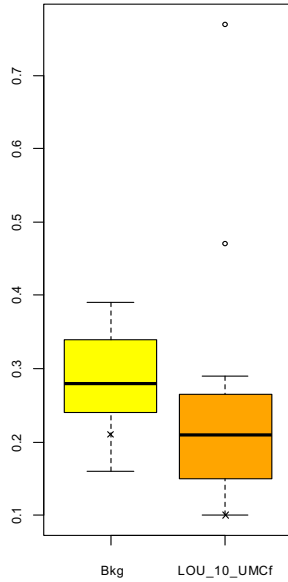
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

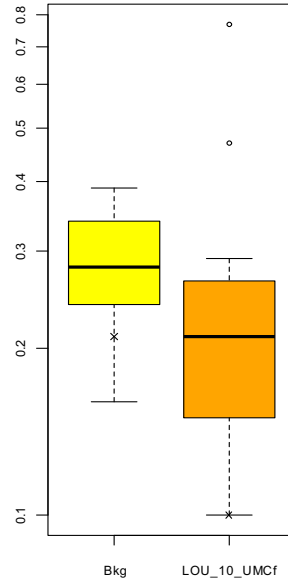
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

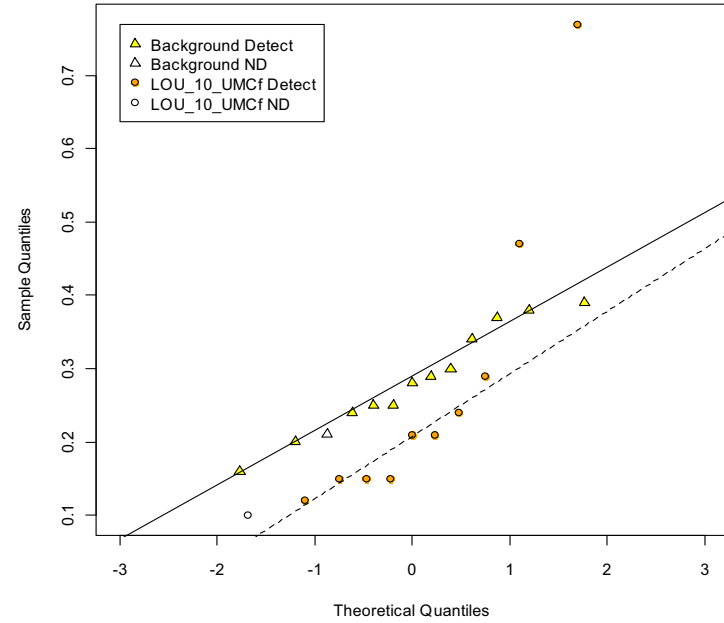
Background vs Site Boxplots  
chemical\_name = Tungsten



Background vs Site Boxplots  
chemical\_name = Tungsten (log-scale)



Normal Q-Q Plots  
chemical\_name = Tungsten



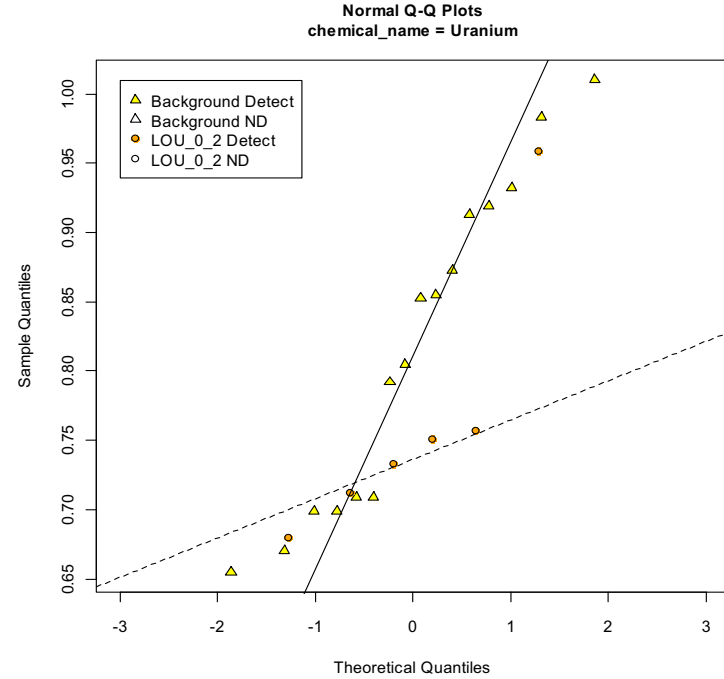
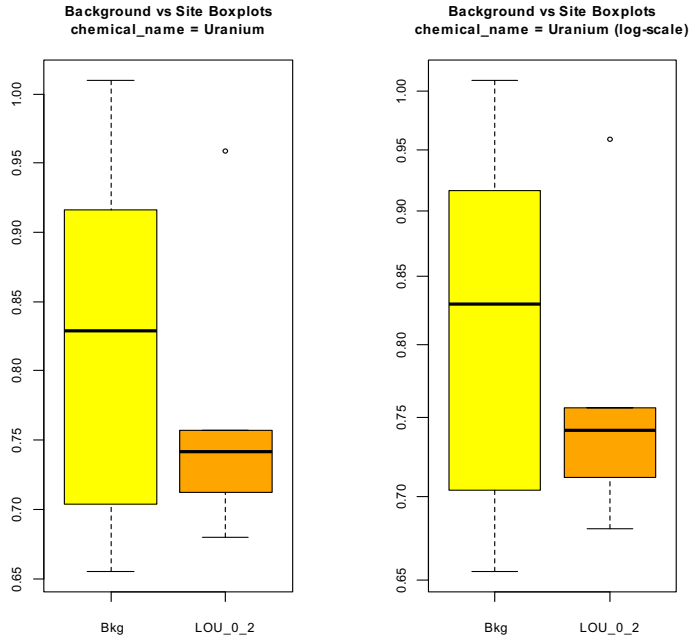


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)

LOU 62 – Background Data (0-2 fbg), Site Data (0-2 fbg)



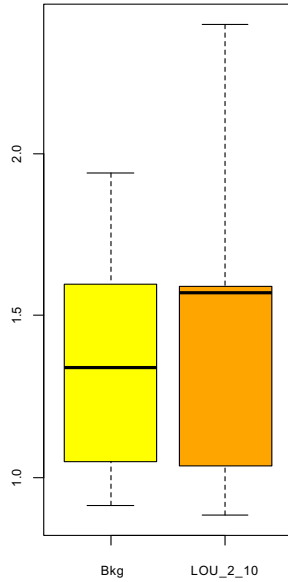
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

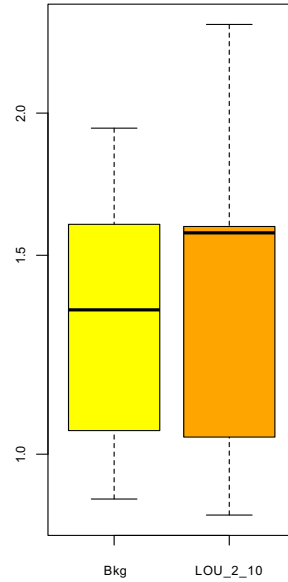
LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

LOU 62 – Background Data (2-10 fbs), Site Data (2-10 fbs)

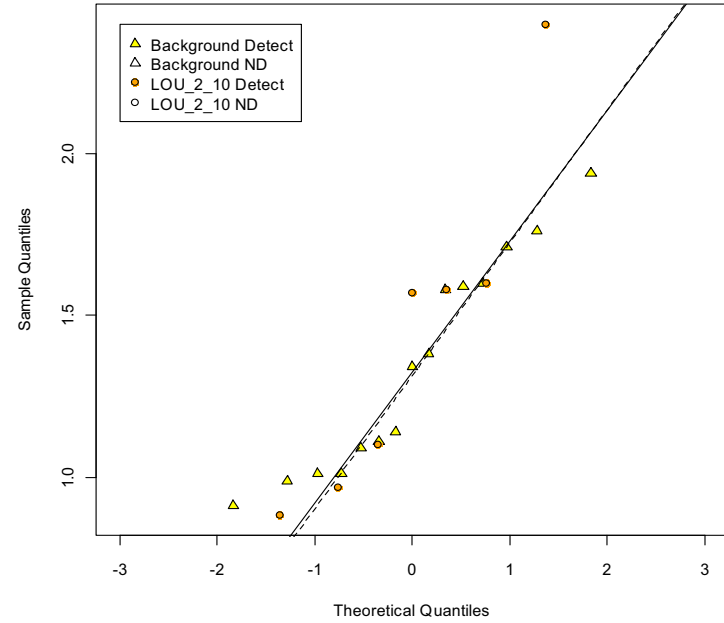
Background vs Site Boxplots  
chemical\_name = Uranium



Background vs Site Boxplots  
chemical\_name = Uranium (log-scale)



Normal Q-Q Plots  
chemical\_name = Uranium

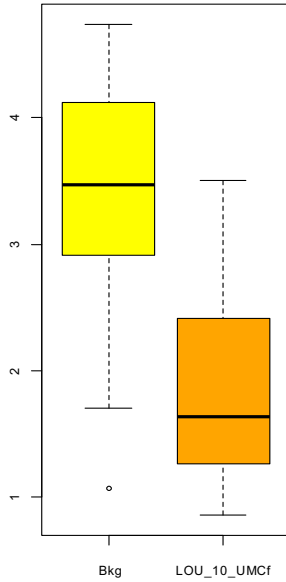


# Attachment 2

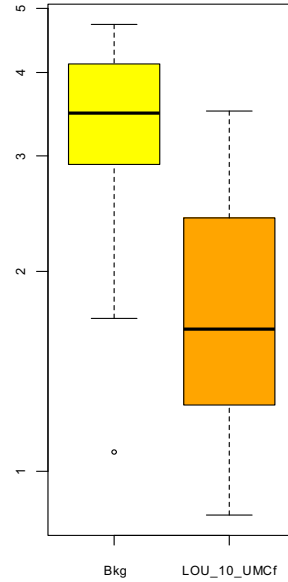
## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

**Background vs Site Boxplots**  
chemical\_name = Uranium

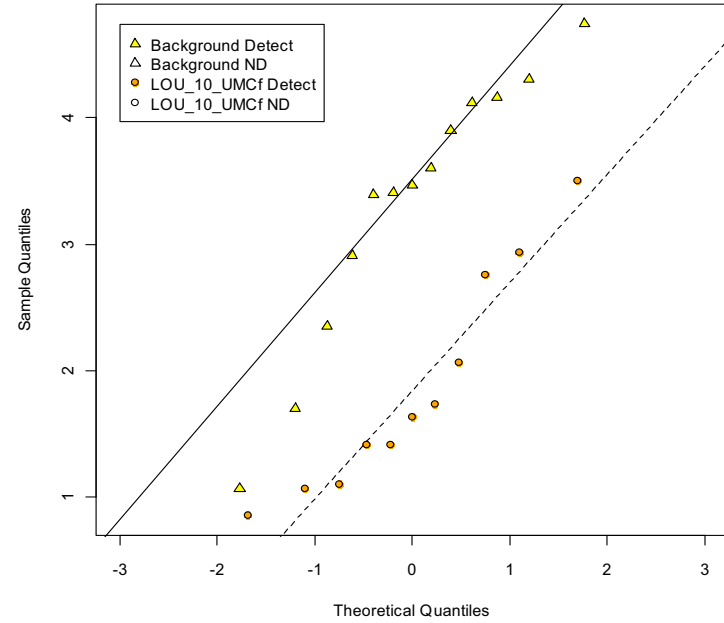


**Background vs Site Boxplots**  
chemical\_name = Uranium (log-scale)



LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

**Normal Q-Q Plots**  
chemical\_name = Uranium



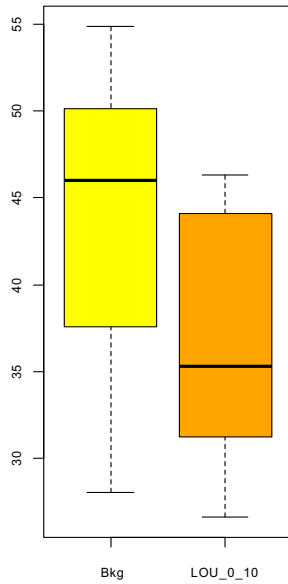
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

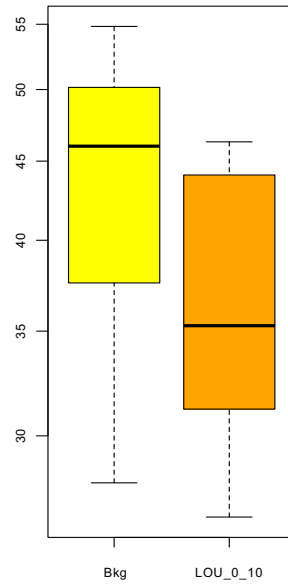
LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

LOU 62 – Background Data (0-10 fbs), Site Data (0-10 fbs)

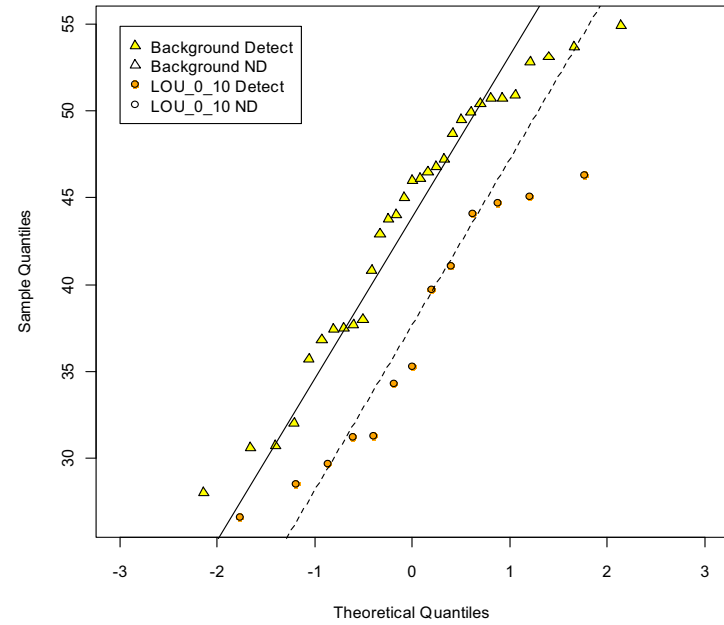
**Background vs Site Boxplots**  
chemical\_name = Vanadium



**Background vs Site Boxplots**  
chemical\_name = Vanadium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Vanadium



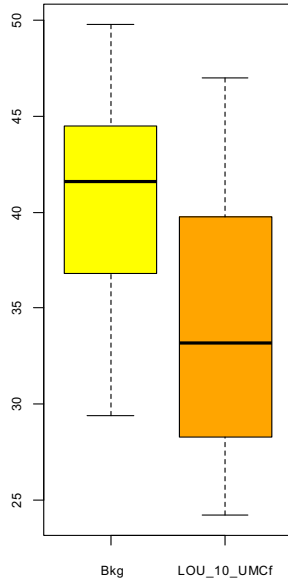
# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

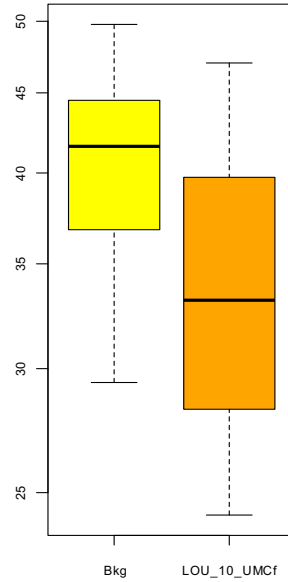
LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

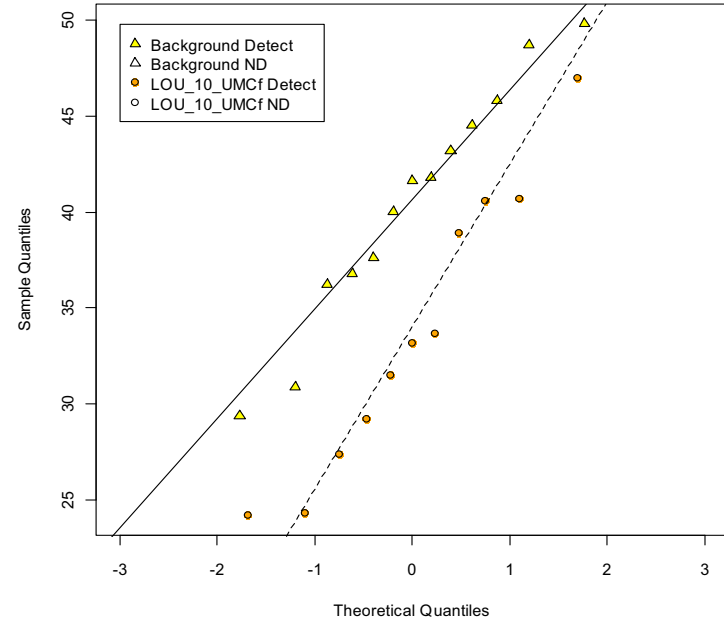
**Background vs Site Boxplots**  
chemical\_name = Vanadium



**Background vs Site Boxplots**  
chemical\_name = Vanadium (log-scale)



**Normal Q-Q Plots**  
chemical\_name = Vanadium

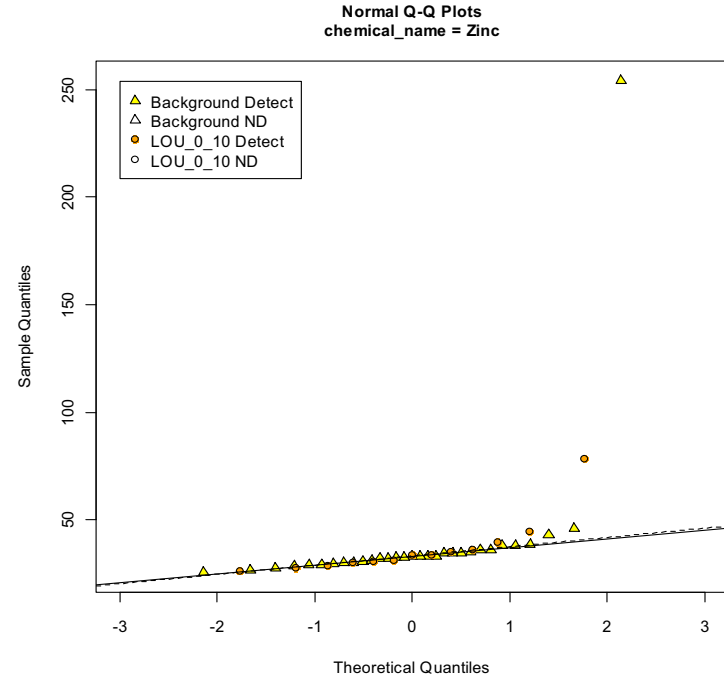
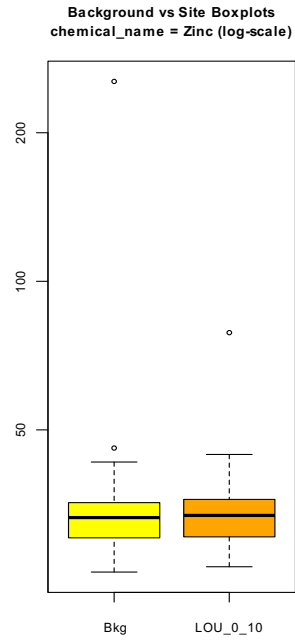
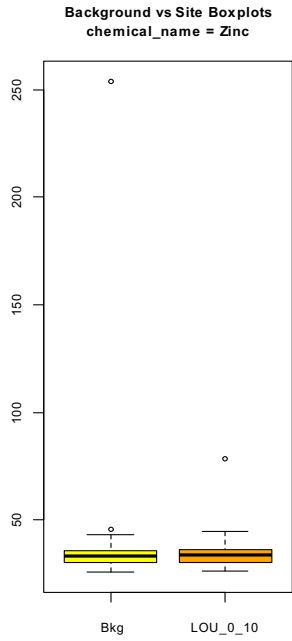


# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)

LOU 62 – Background Data (0-10 fbg), Site Data (0-10 fbg)



# Attachment 2

## LOU 62 - Background Comparison Statistical Plots

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

LOU 62 – Background Data (10-UMCf fbg), Site Data (10-UMCf fbg)

