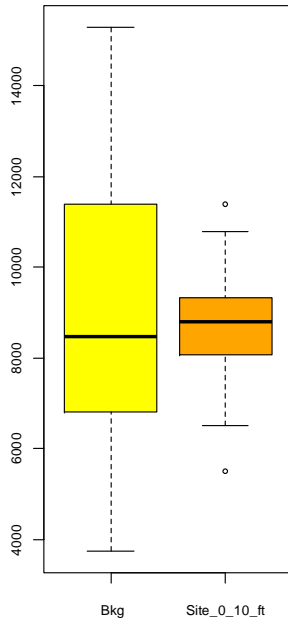


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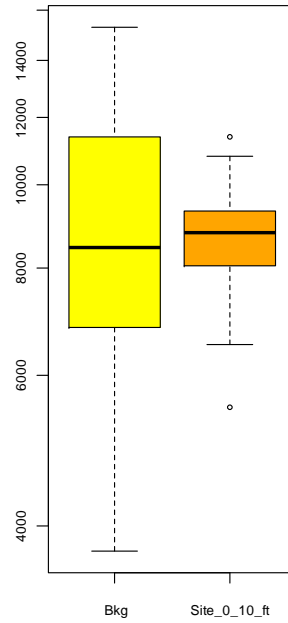
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

Background vs Site Boxplots  
chemical\_name = Aluminum

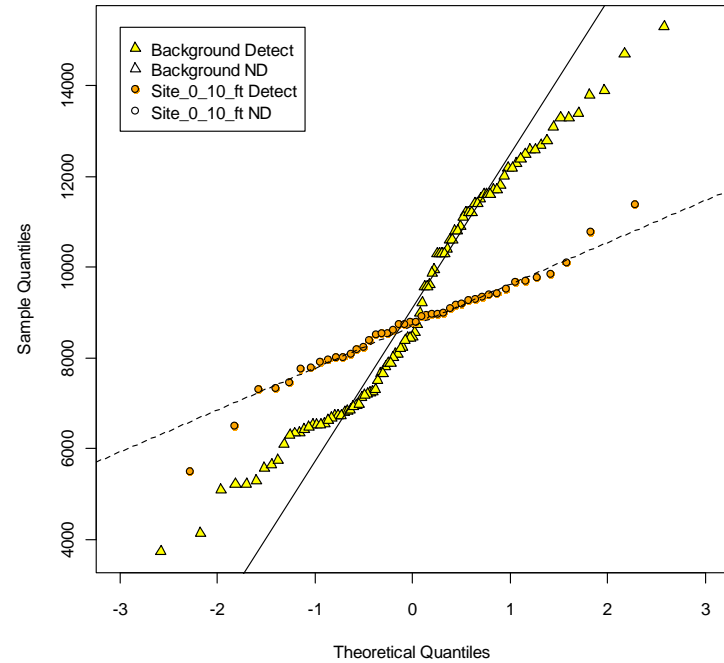


Background vs Site Boxplots  
chemical\_name = Aluminum (log-scale)



RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

Normal Q-Q Plots  
chemical\_name = Aluminum

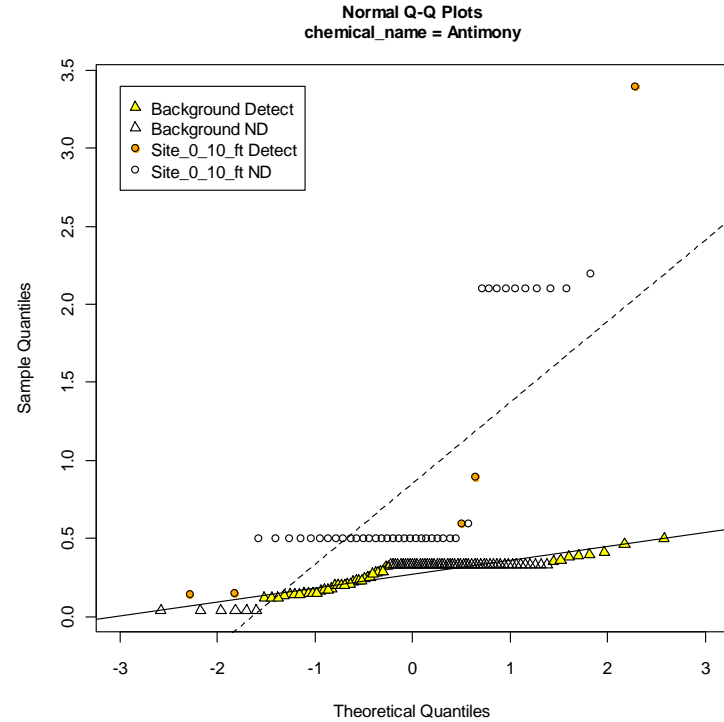
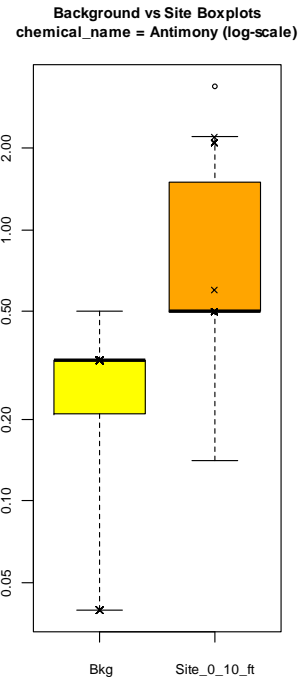
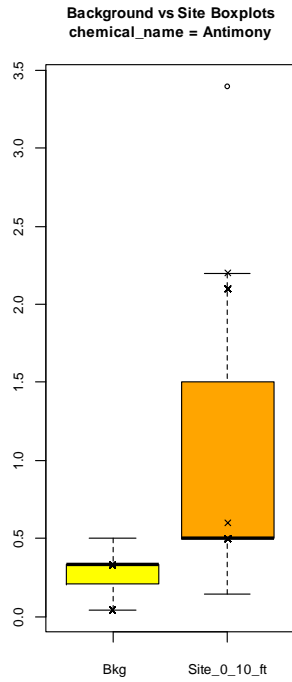


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

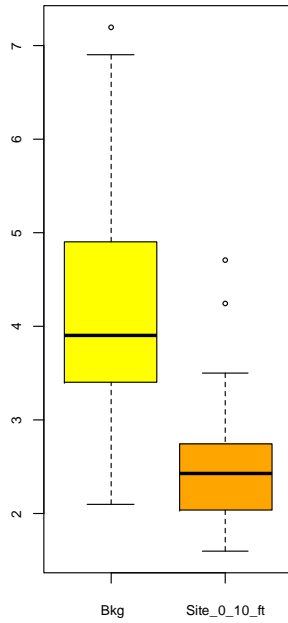


# APPENDIX B

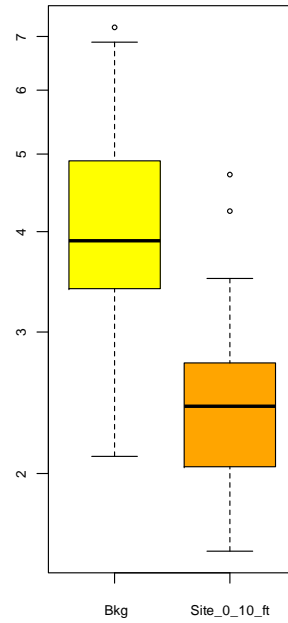
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

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

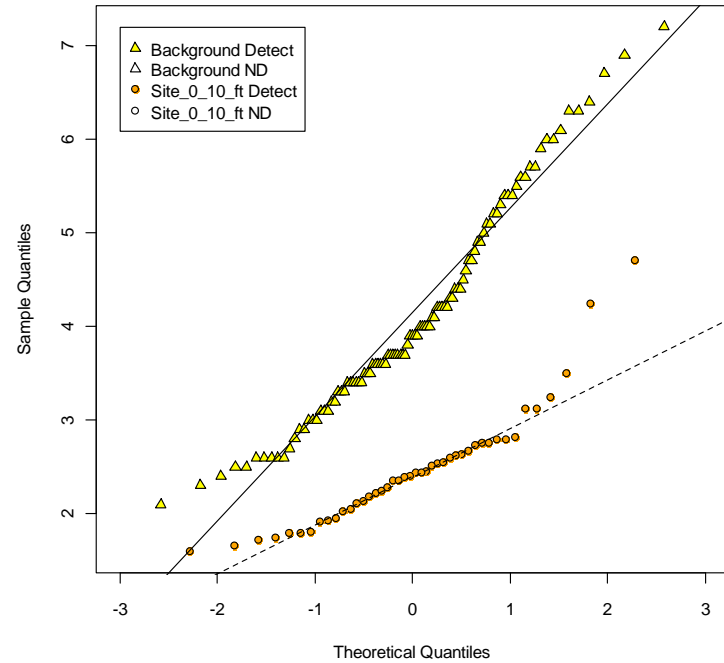


**Background vs Site Boxplots**  
chemical\_name = Arsenic (log-scale)



RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

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



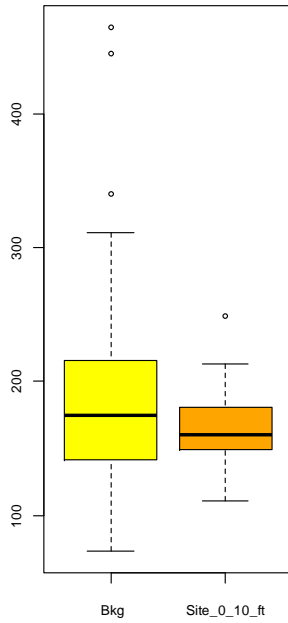
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## Probability Plots for Background Metal Evaluation

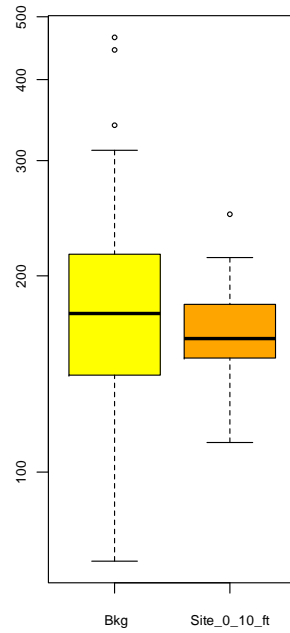
RZA –Background Data (0,5, & 10 fbgs) , Site Data (0 -10 fbgs)

RZA –Background Data (0,5, & 10 fbgs) , Site Data (0 -10 fbgs)

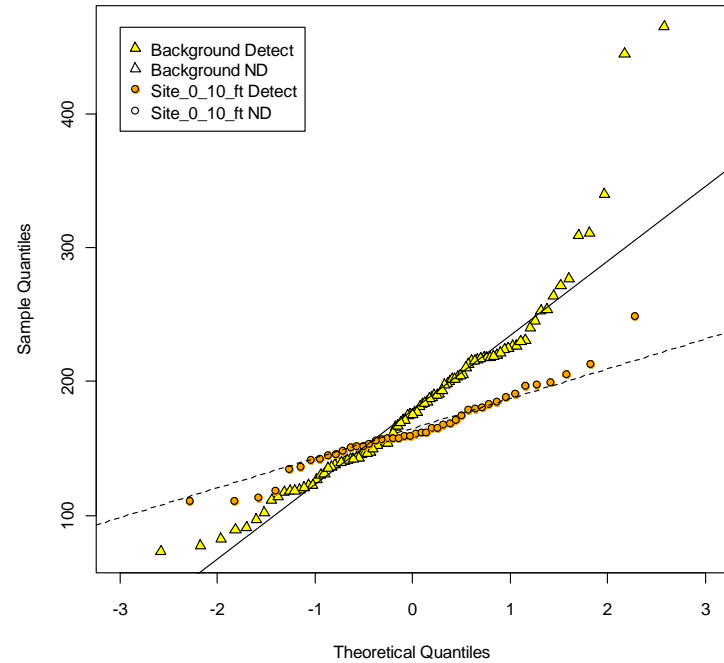
**Background vs Site Boxplots**  
chemical\_name = Barium



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



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

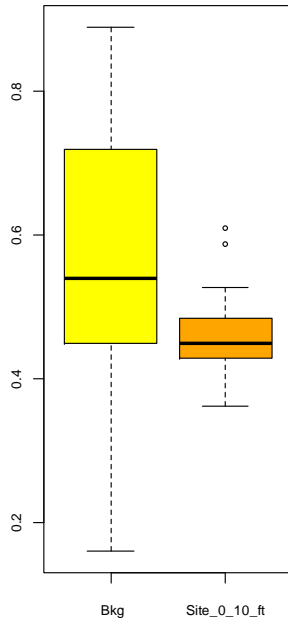


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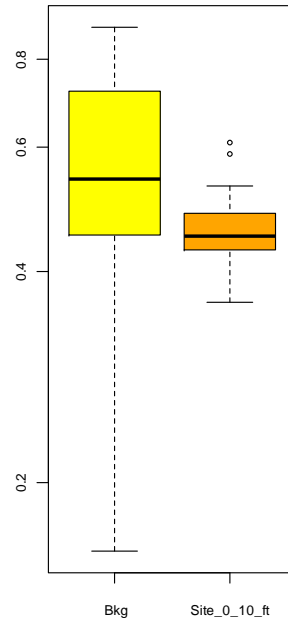
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

Background vs Site Boxplots  
chemical\_name = Beryllium

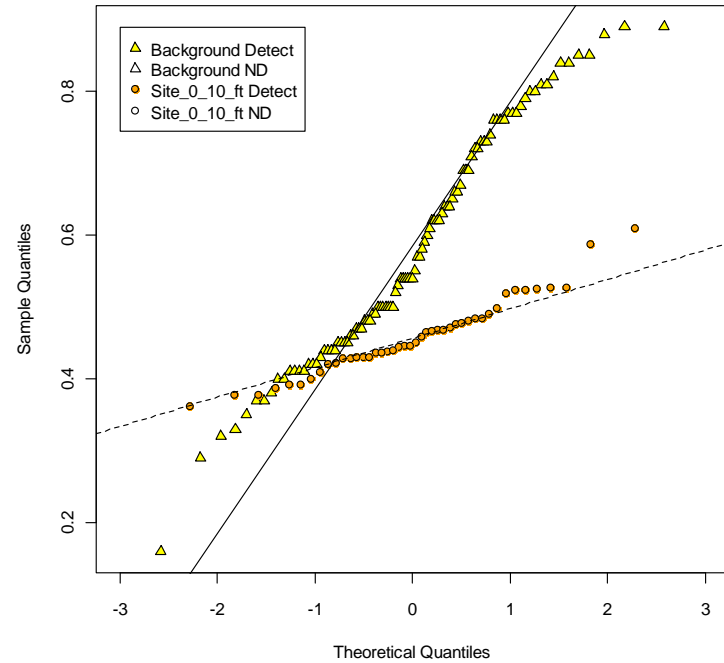


Background vs Site Boxplots  
chemical\_name = Beryllium (log-scale)



RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

Normal Q-Q Plots  
chemical\_name = Beryllium

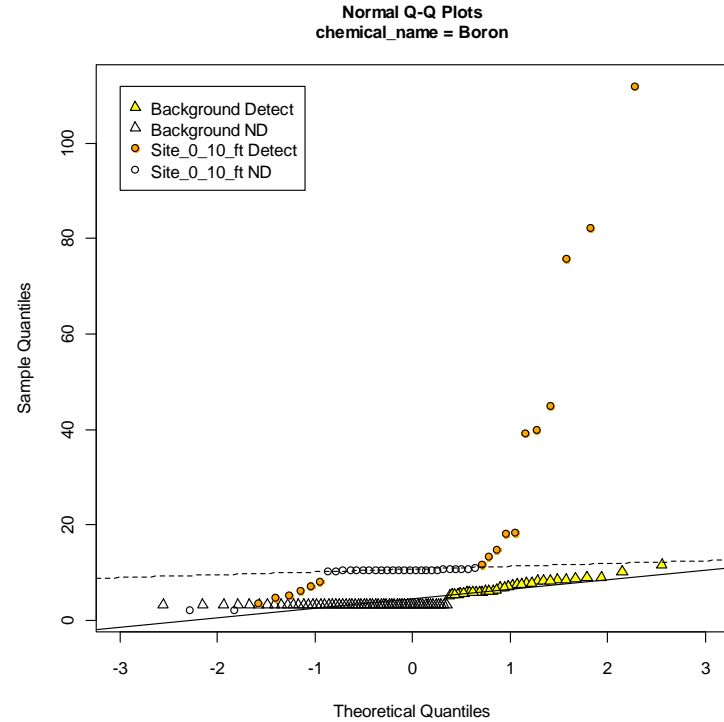
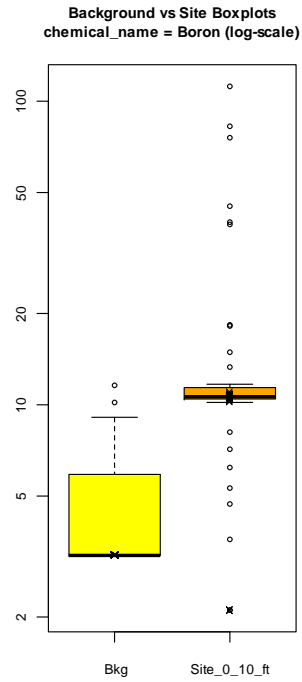
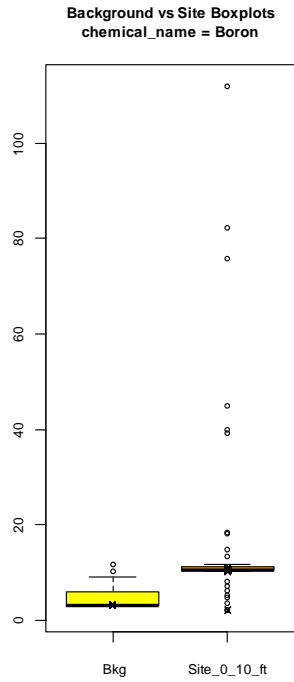


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

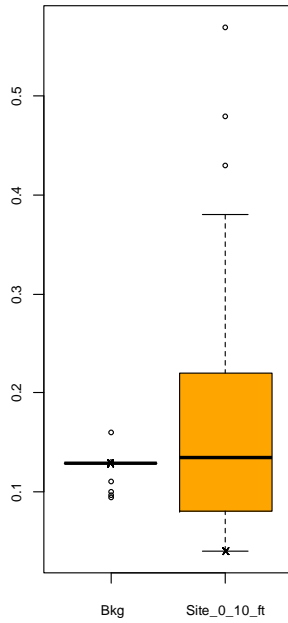


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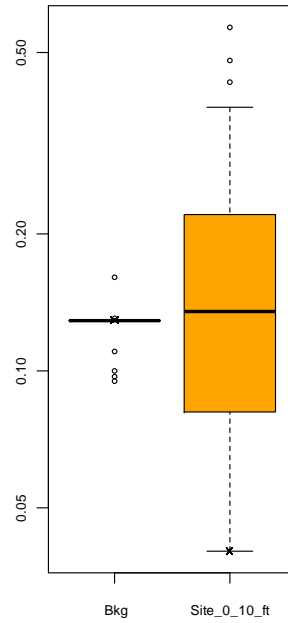
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

Background vs Site Boxplots  
chemical\_name = Cadmium

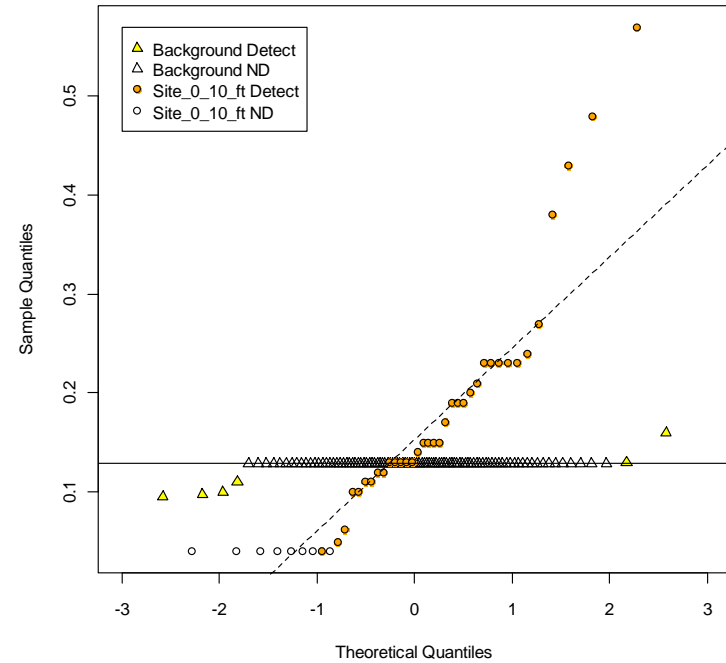


Background vs Site Boxplots  
chemical\_name = Cadmium (log-scale)



RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

Normal Q-Q Plots  
chemical\_name = Cadmium

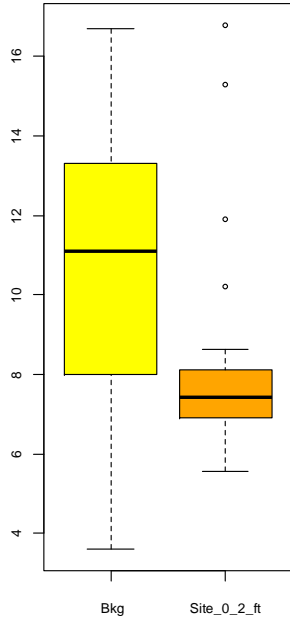


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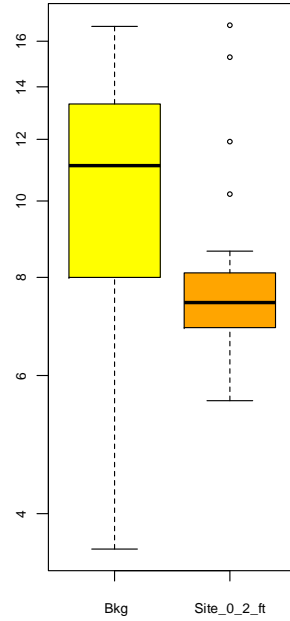
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

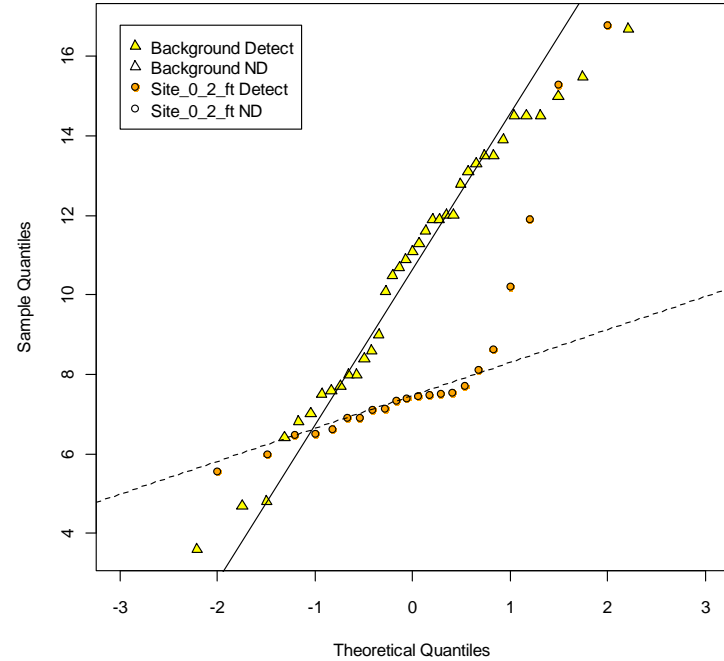


**Background vs Site Boxplots**  
chemical\_name = Chromium (Total) (log-scale)



RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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





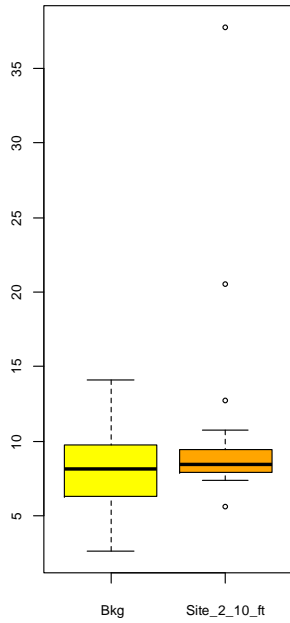
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## Probability Plots for Background Metal Evaluation

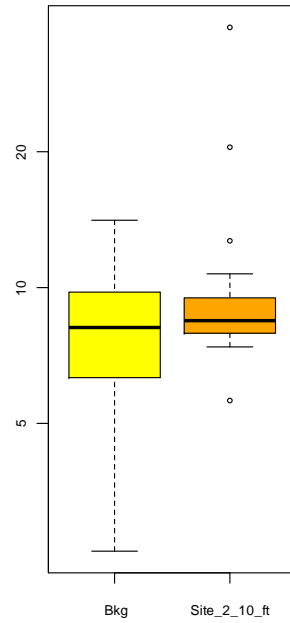
RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

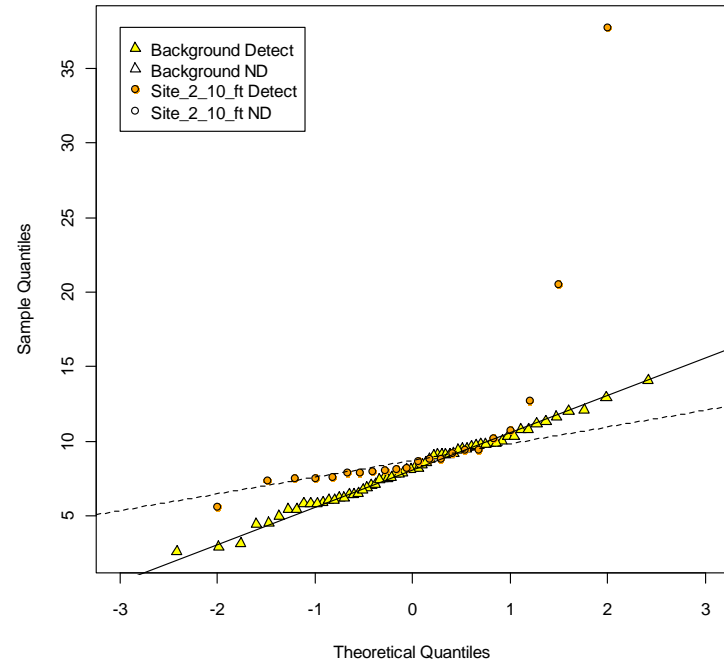
**Background vs Site Boxplots**  
chemical\_name = Chromium (Total)



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



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

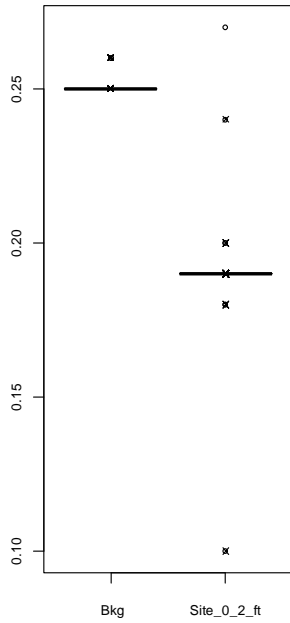


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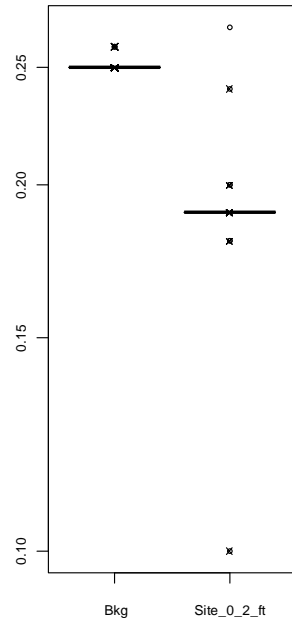
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

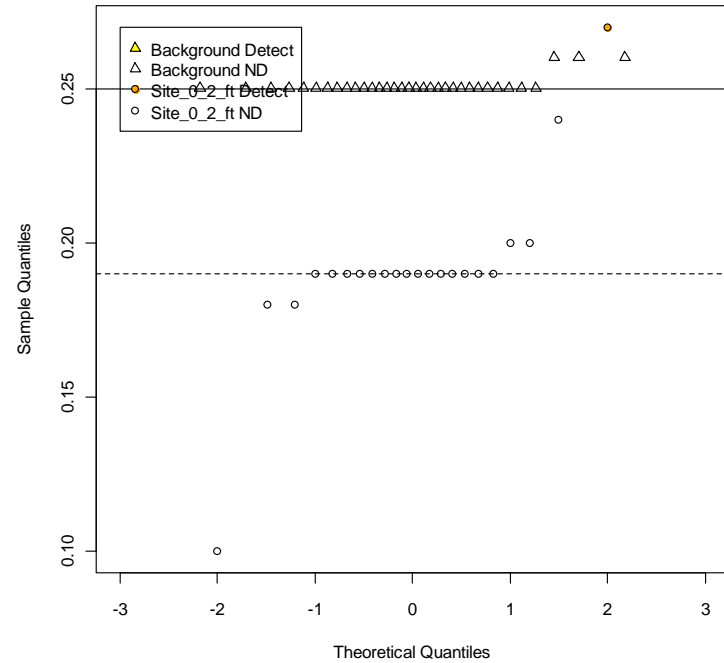


**Background vs Site Boxplots**  
chemical\_name = Chromium (VI) (log-scale)



RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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



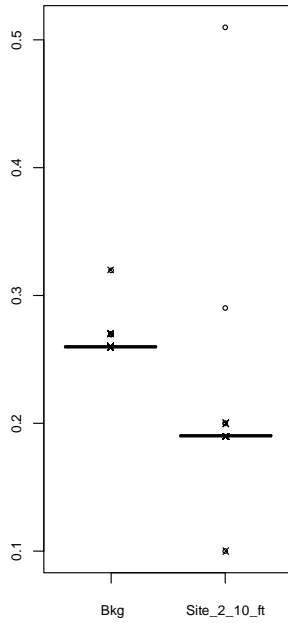
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## Probability Plots for Background Metal Evaluation

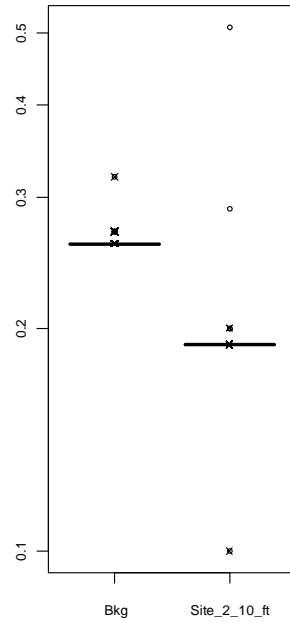
RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

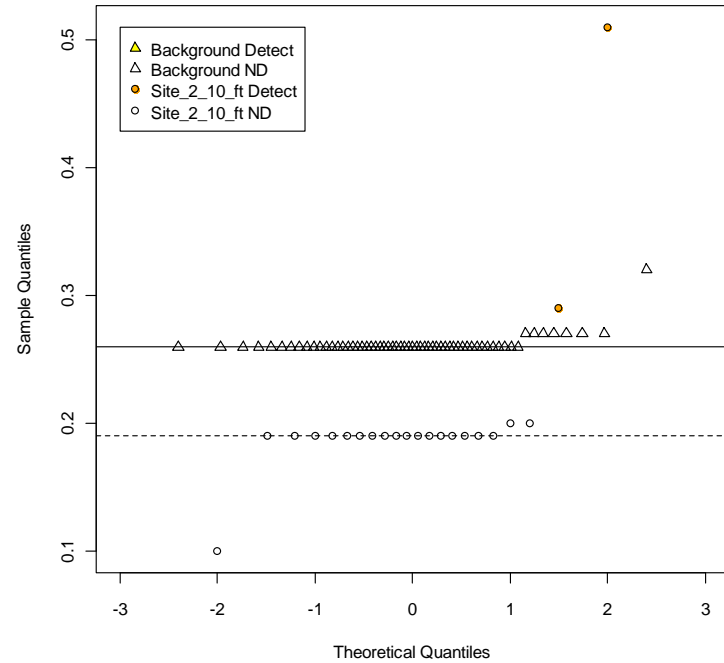
**Background vs Site Boxplots**  
chemical\_name = Chromium (VI)



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



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

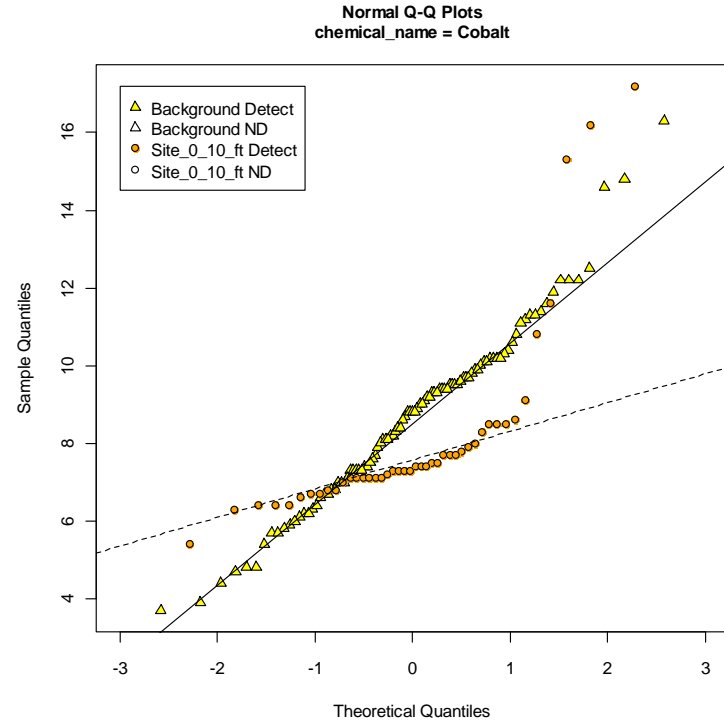
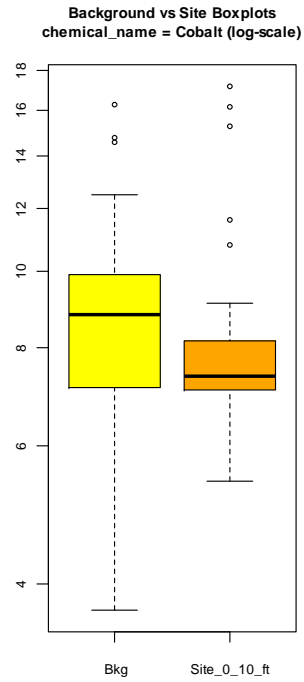
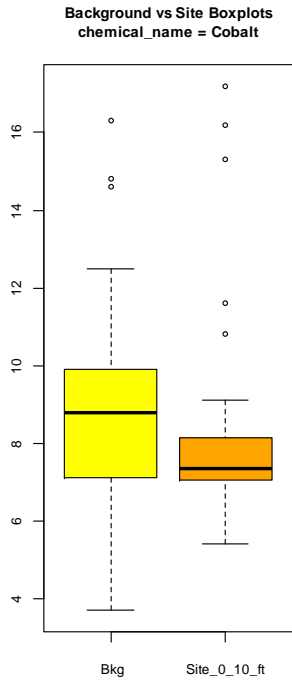


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

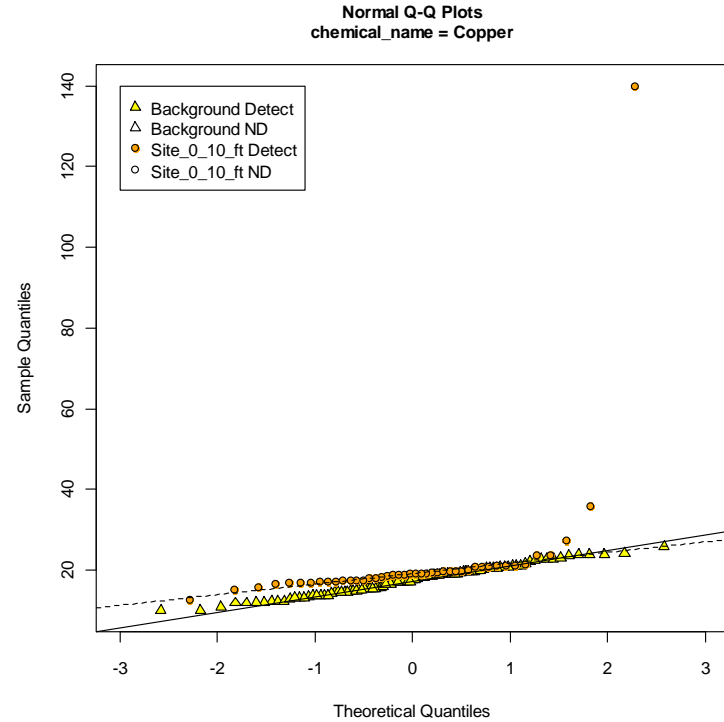
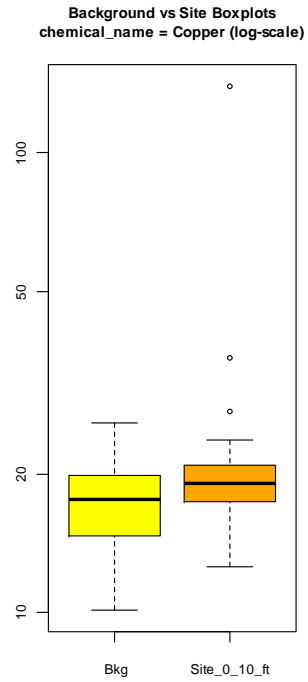
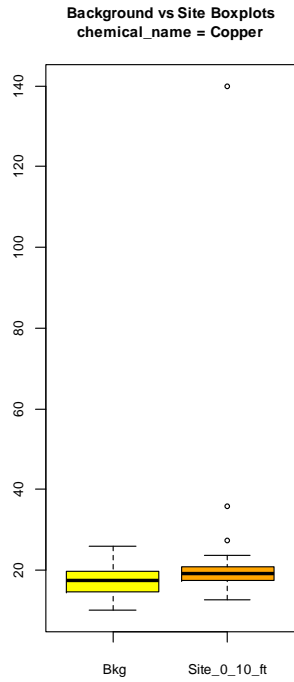


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

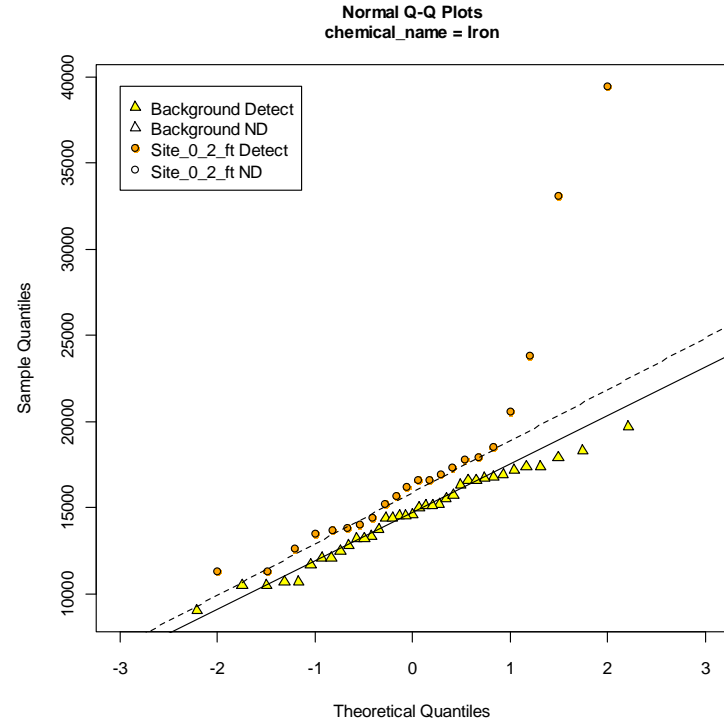
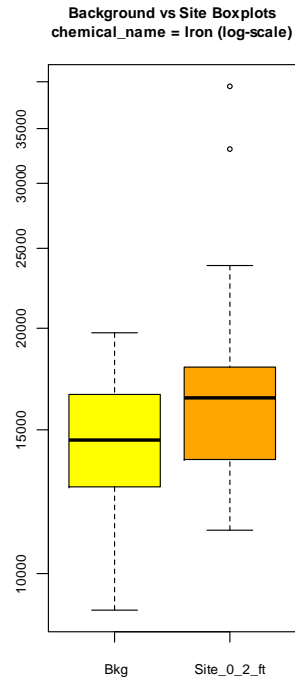
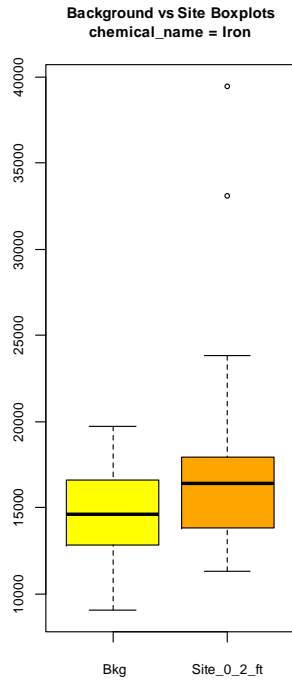


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

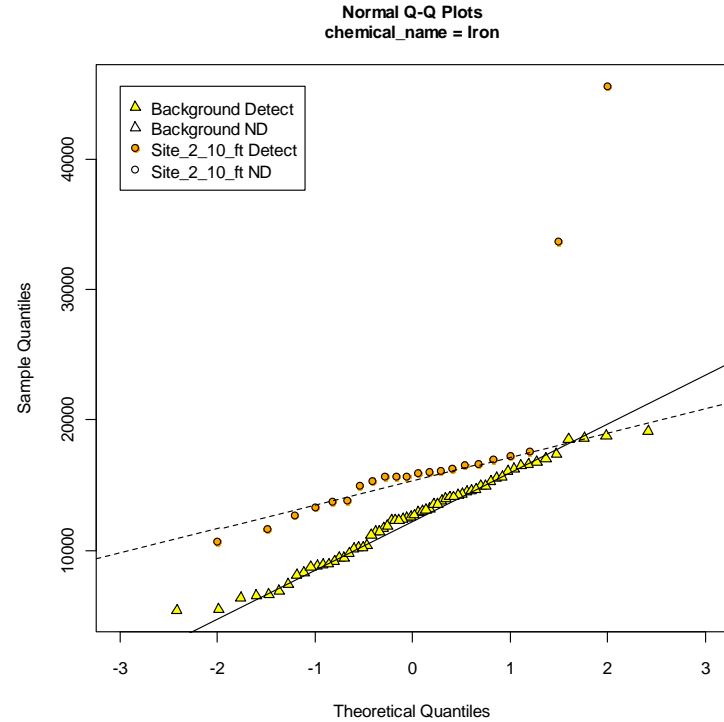
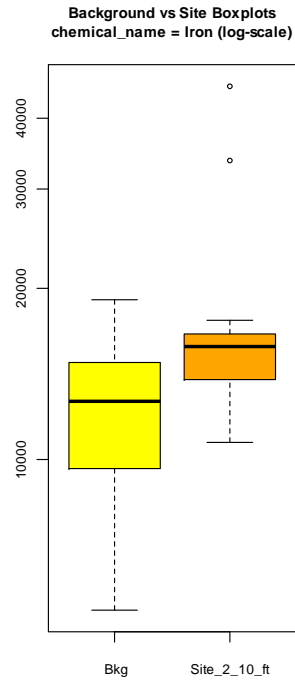
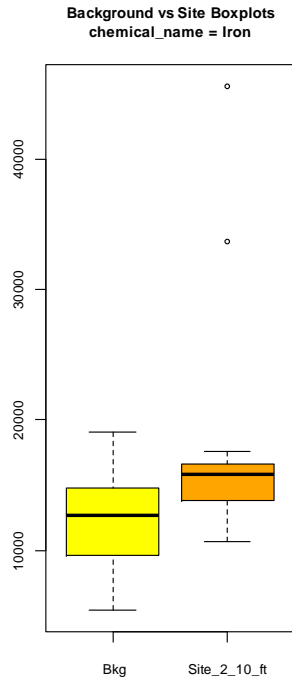


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

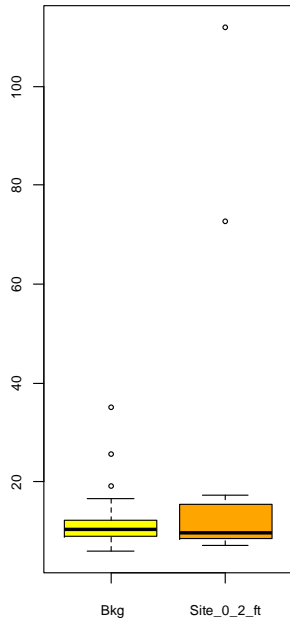


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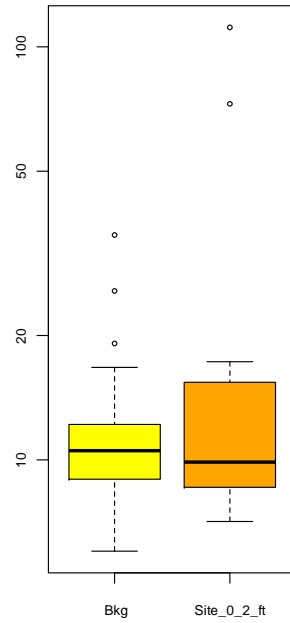
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

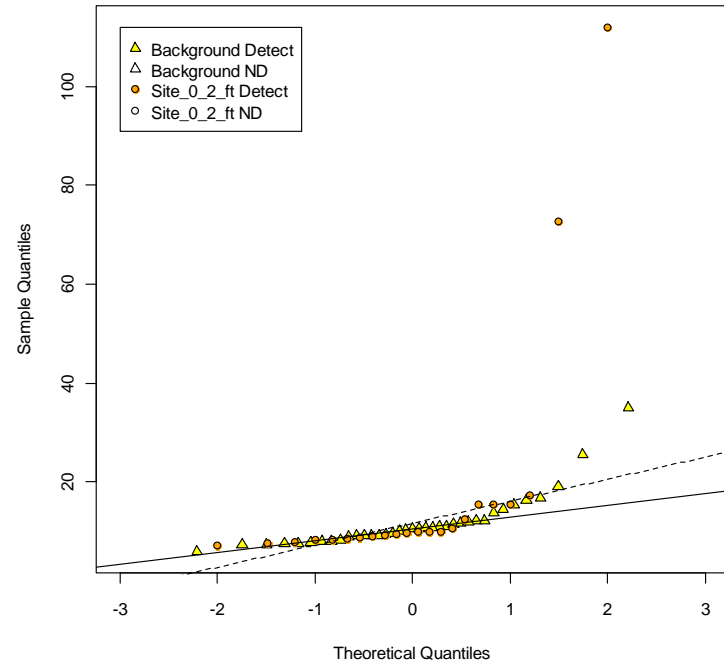


**Background vs Site Boxplots**  
chemical\_name = Lead (log-scale)



RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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



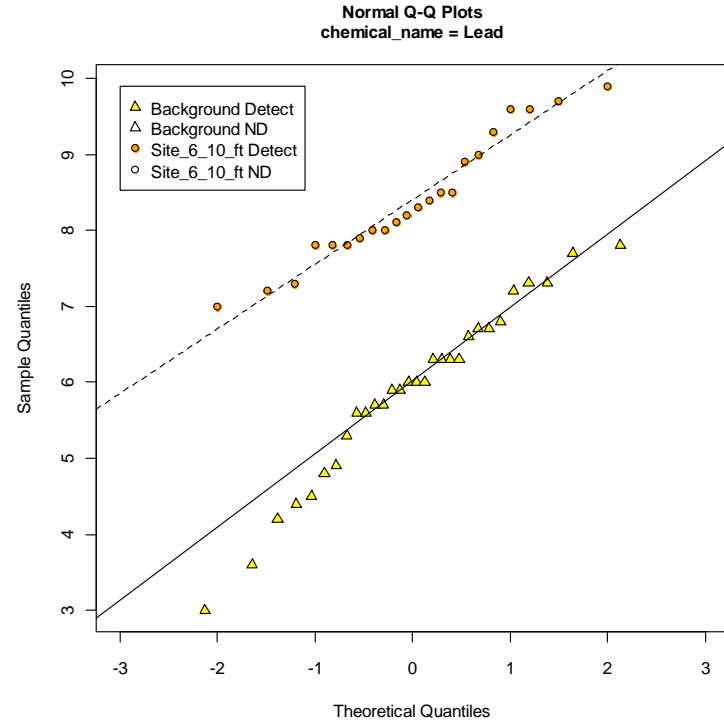
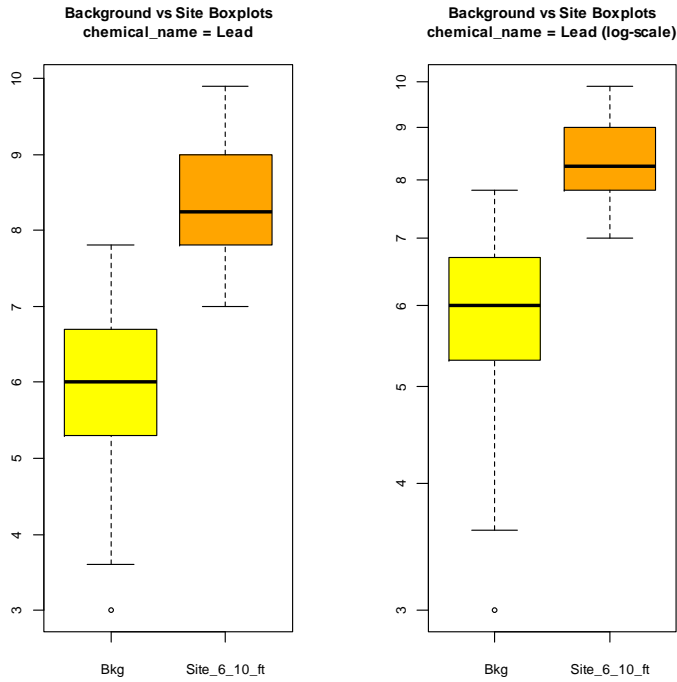


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (10 fbgs) , Site Data (6-10 fbgs)

RZA –Background Data (10 fbgs) , Site Data (6-10 fbgs)

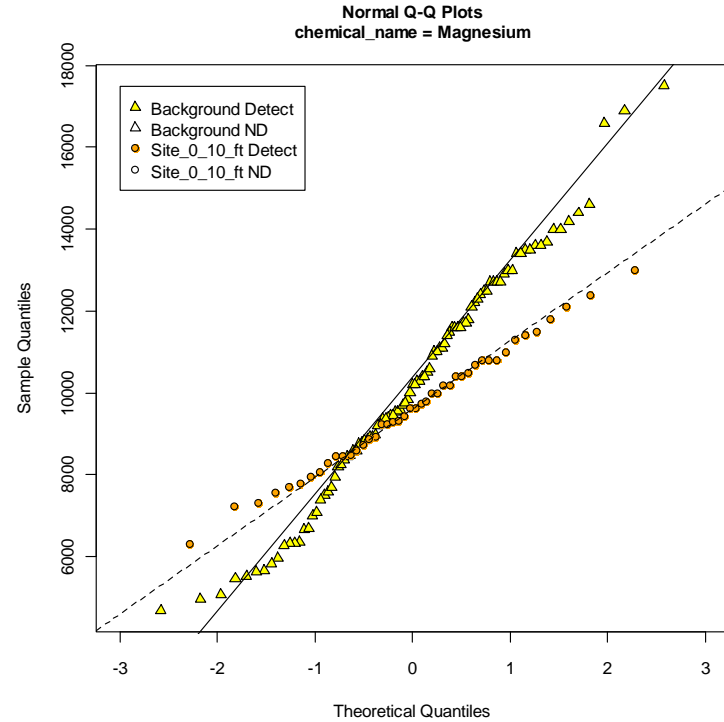
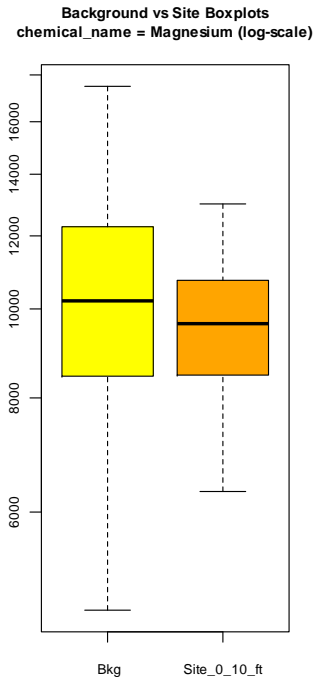
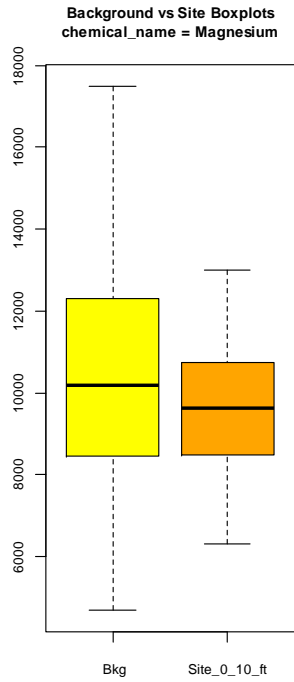


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

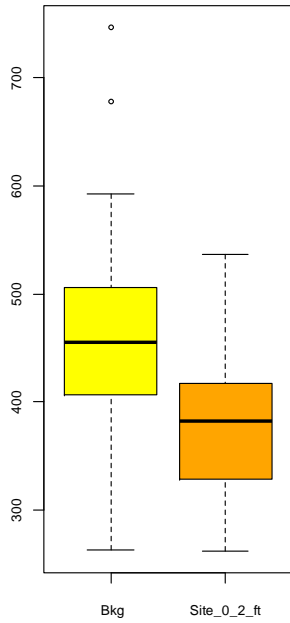


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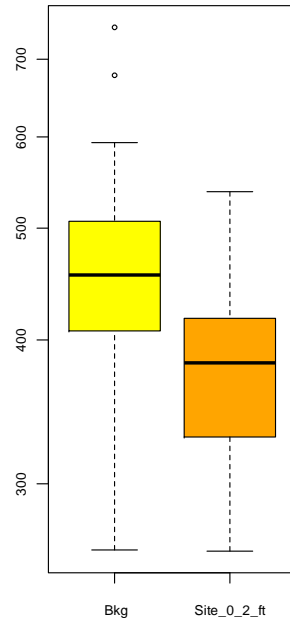
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

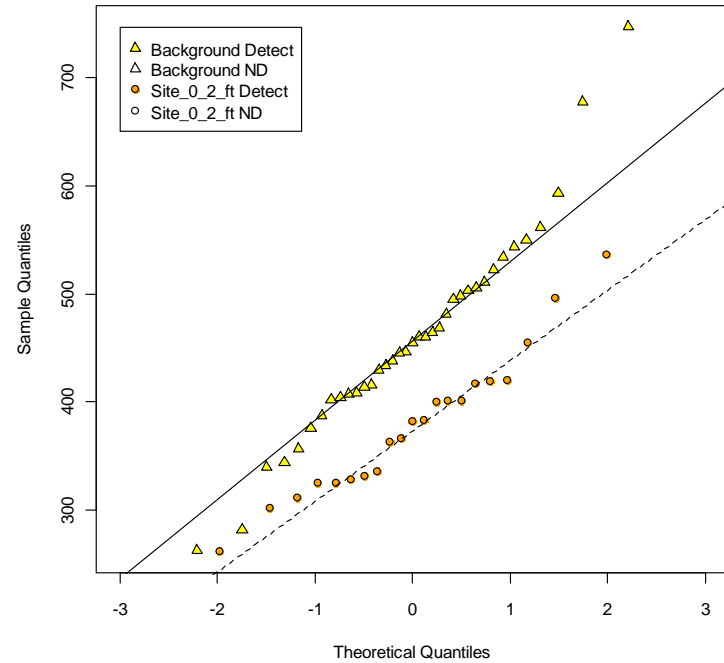


**Background vs Site Boxplots**  
chemical\_name = Manganese (log-scale)



RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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



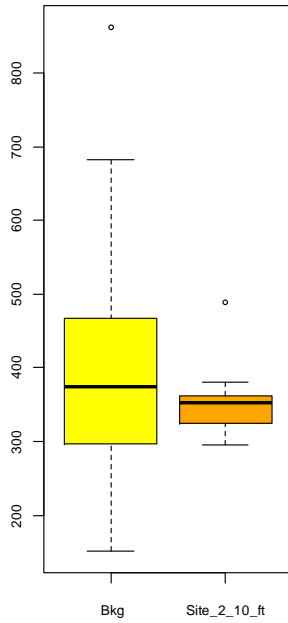
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## Probability Plots for Background Metal Evaluation

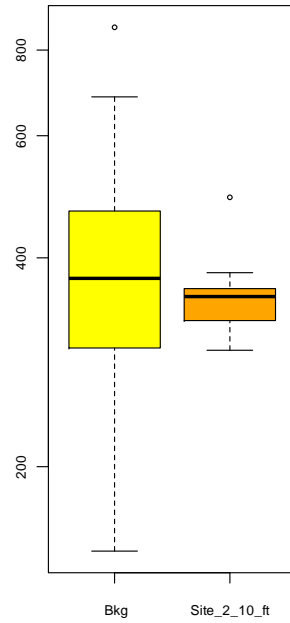
RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

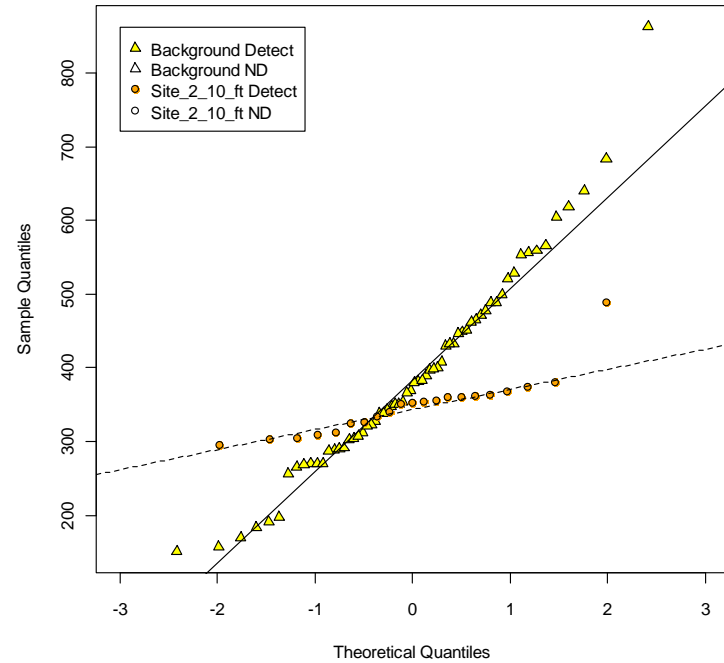
**Background vs Site Boxplots**  
chemical\_name = Manganese



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



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



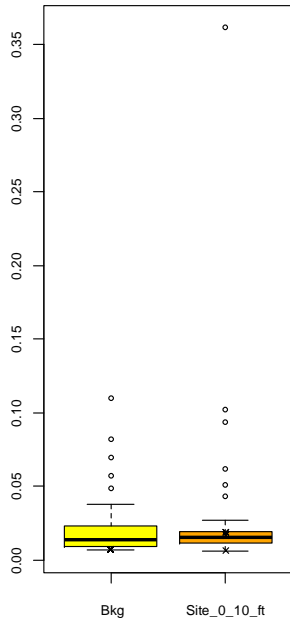
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## Probability Plots for Background Metal Evaluation

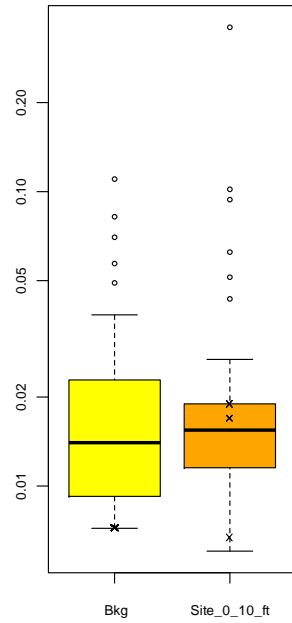
RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

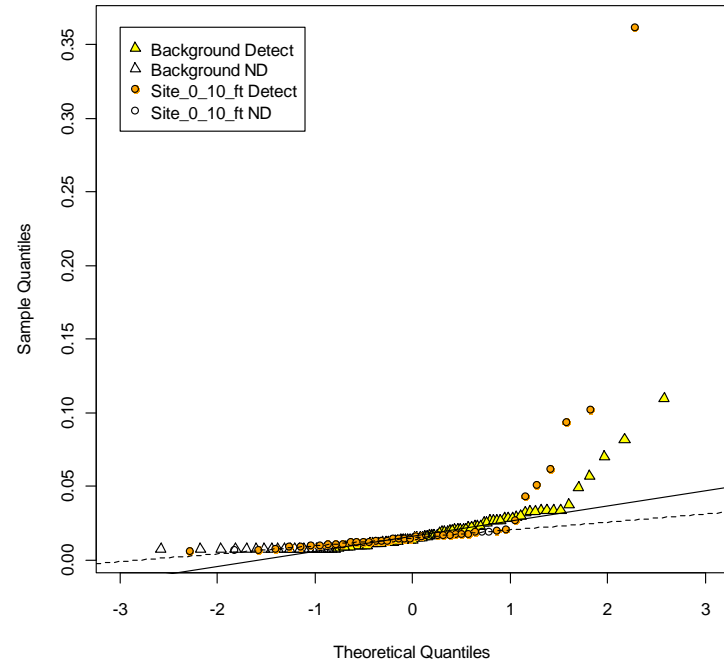
**Background vs Site Boxplots**  
chemical\_name = Mercury



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



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



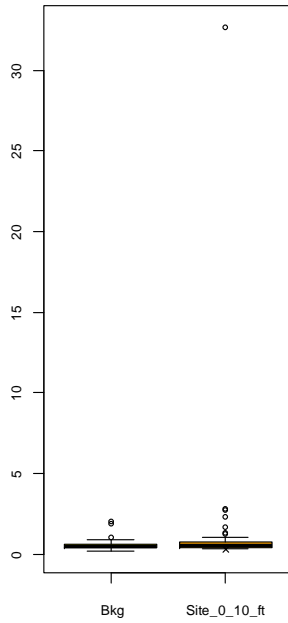
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## Probability Plots for Background Metal Evaluation

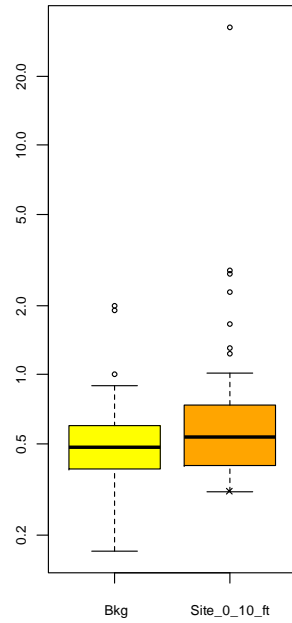
RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

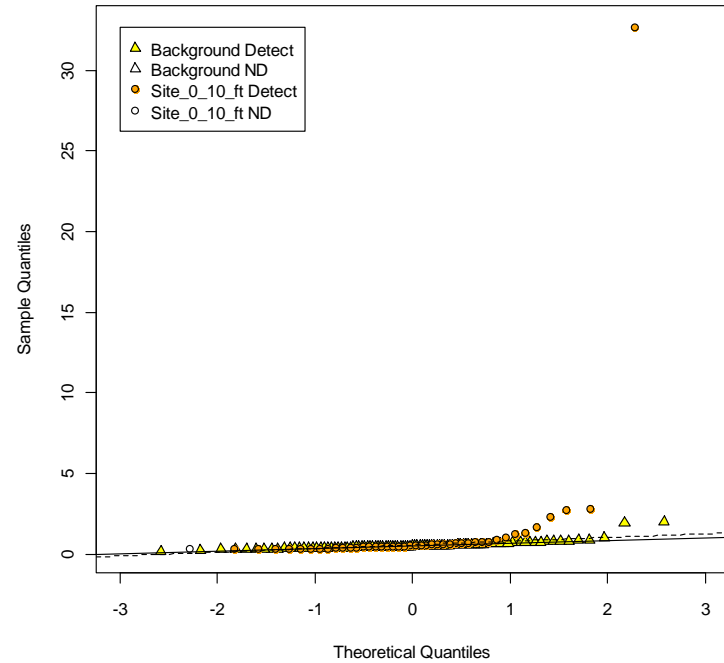
**Background vs Site Boxplots**  
chemical\_name = Molybdenum



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



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

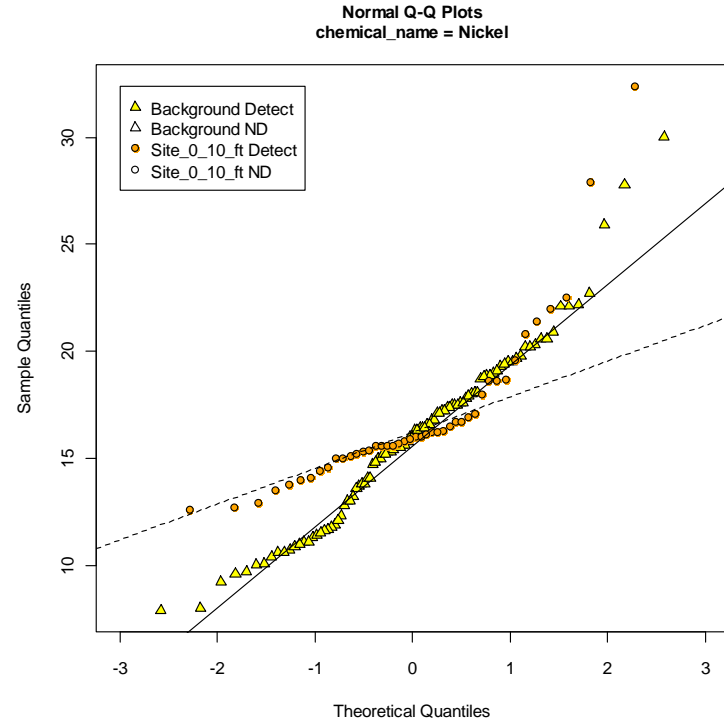
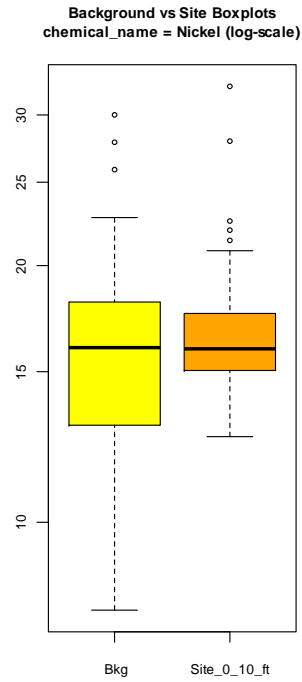
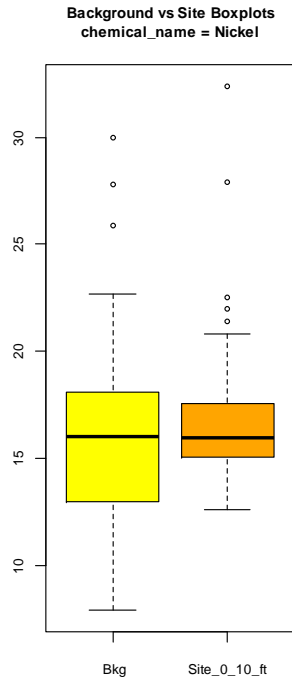


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

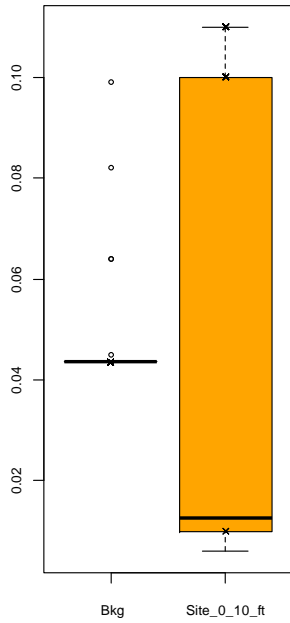


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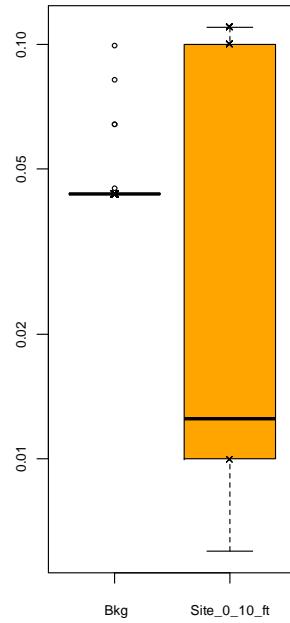
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

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

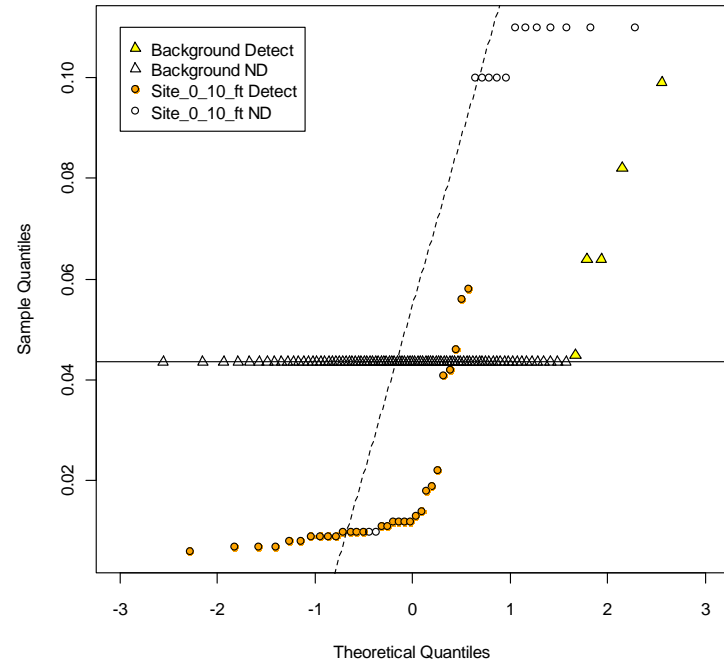


**Background vs Site Boxplots**  
chemical\_name = Platinum (log-scale)



RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

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



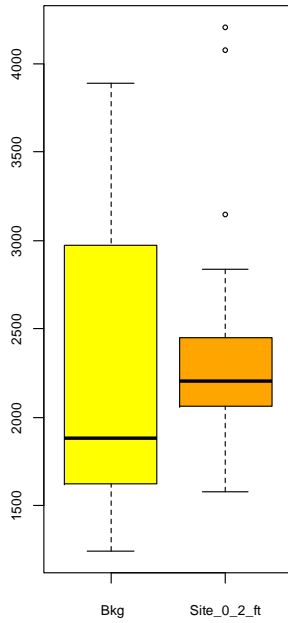


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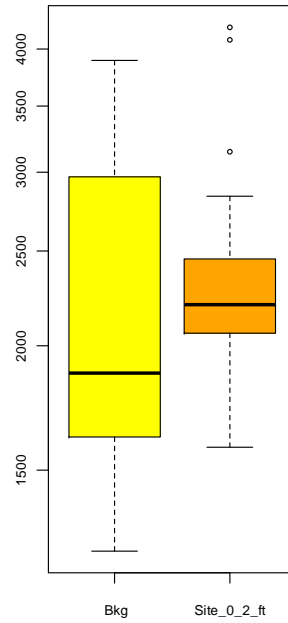
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

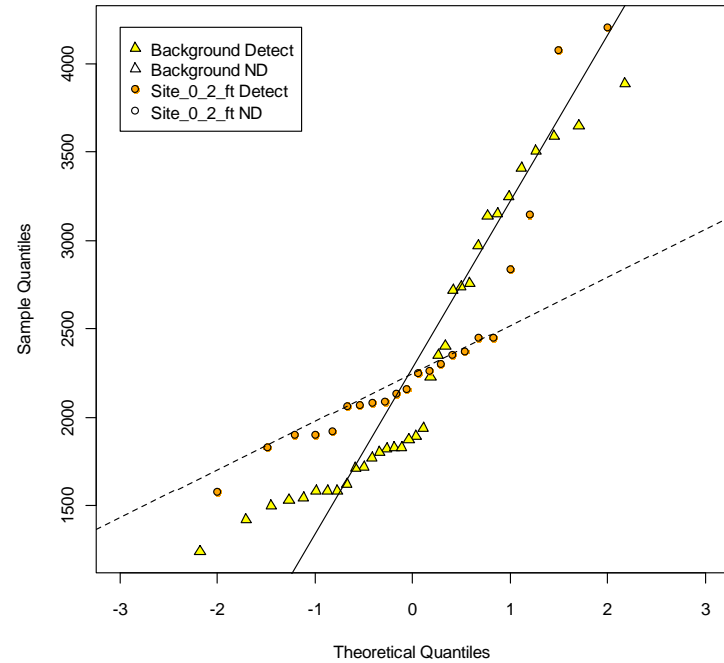


**Background vs Site Boxplots**  
chemical\_name = Potassium (log-scale)



RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

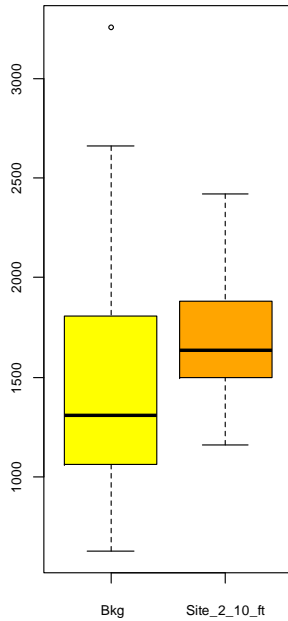


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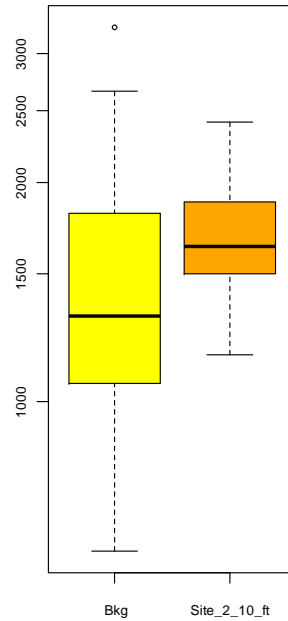
## Probability Plots for Background Metal Evaluation

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

Background vs Site Boxplots  
chemical\_name = Potassium

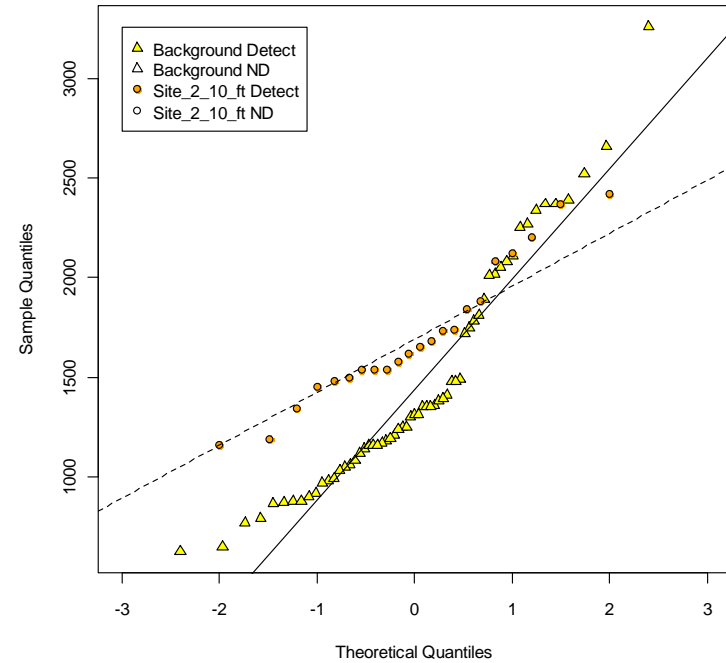


Background vs Site Boxplots  
chemical\_name = Potassium (log-scale)



RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

Normal Q-Q Plots  
chemical\_name = Potassium



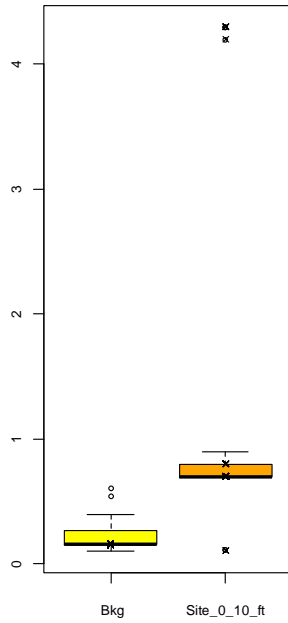
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## Probability Plots for Background Metal Evaluation

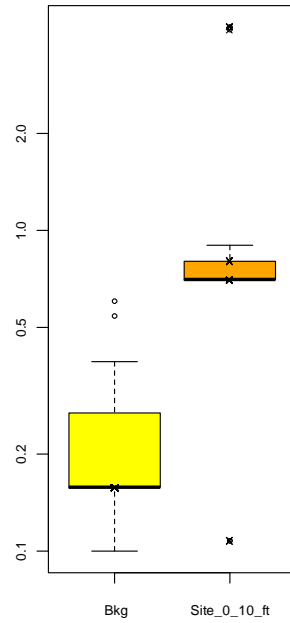
RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

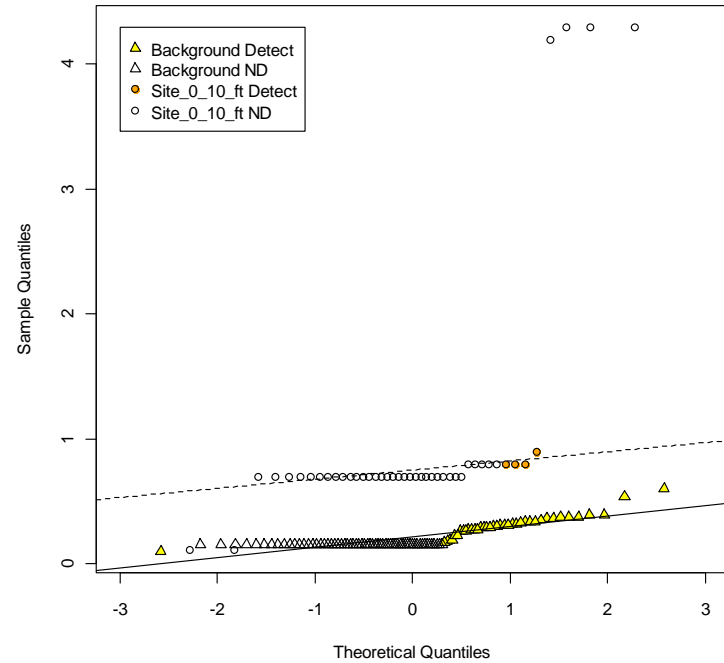
**Background vs Site Boxplots**  
chemical\_name = Selenium



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



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

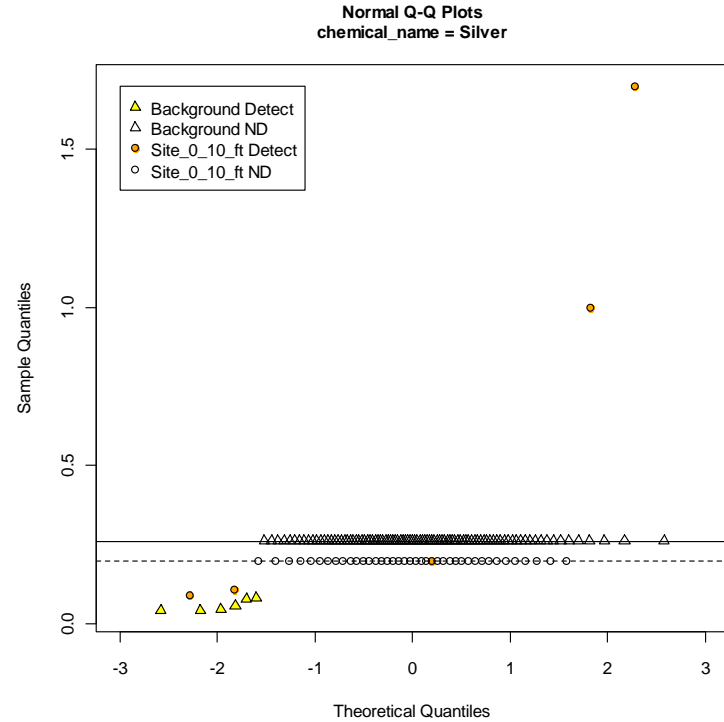
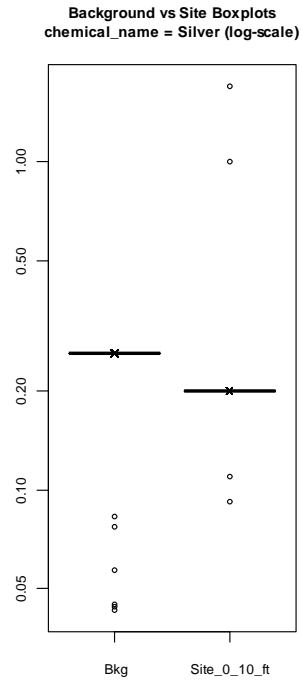
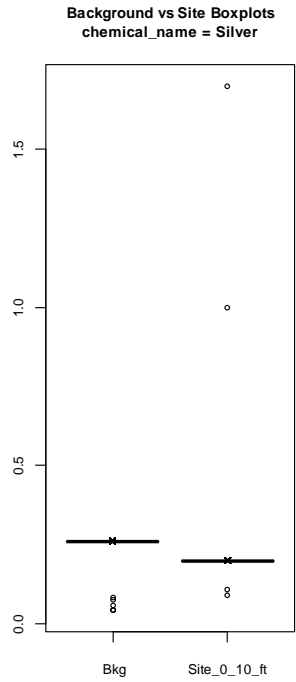


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbgs) , Site Data (0 -10 fbgs)

RZA –Background Data (0,5, & 10 fbgs) , Site Data (0 -10 fbgs)

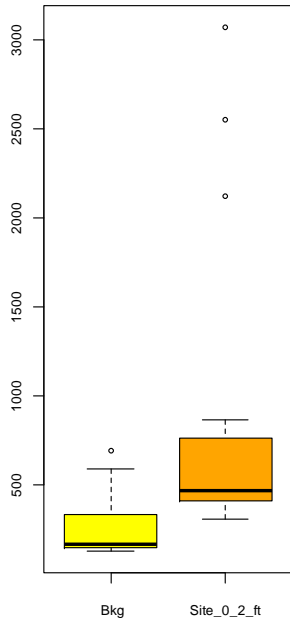


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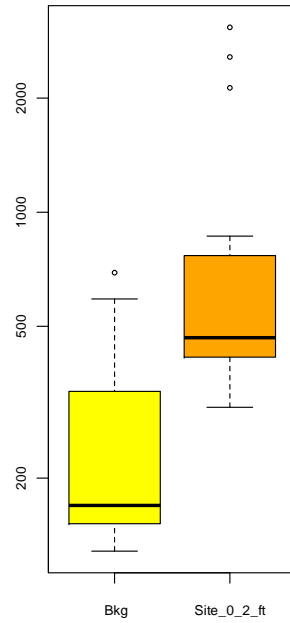
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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

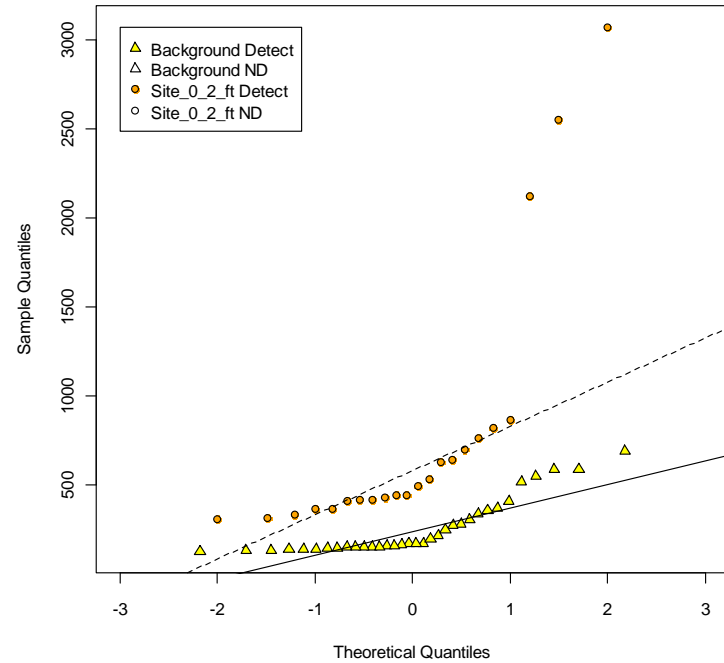


**Background vs Site Boxplots**  
chemical\_name = Sodium (log-scale)



RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

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



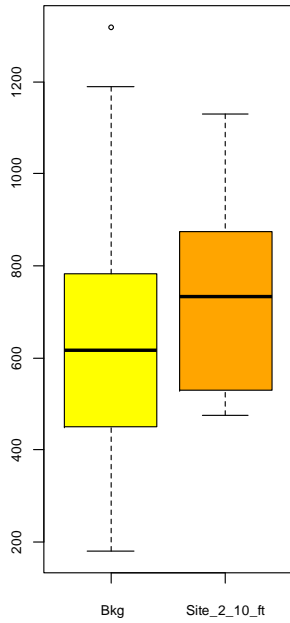
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## Probability Plots for Background Metal Evaluation

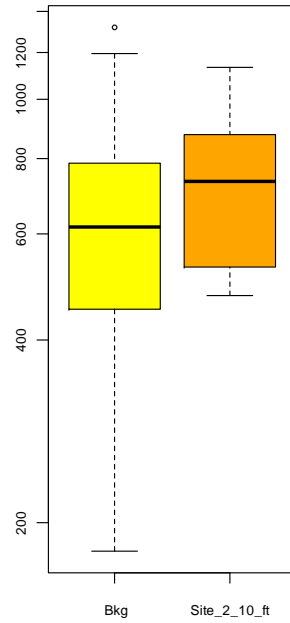
RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

RZA –Background Data (5 & 10 fbgs) , Site Data (2- 10 fbgs)

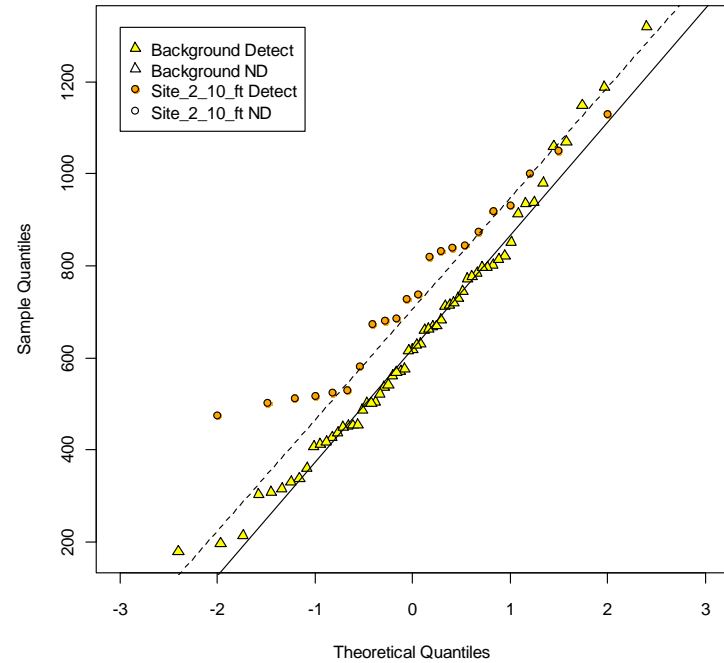
**Background vs Site Boxplots**  
chemical\_name = Sodium



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



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



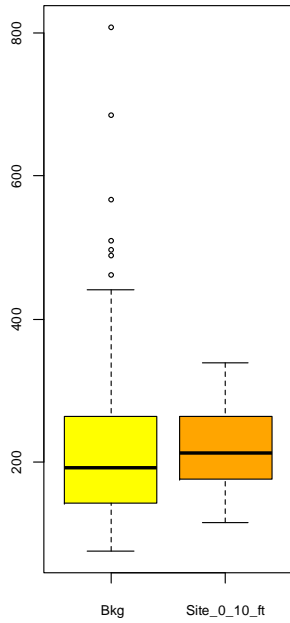
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## Probability Plots for Background Metal Evaluation

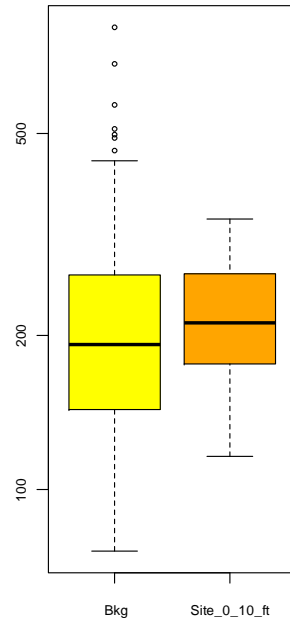
RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

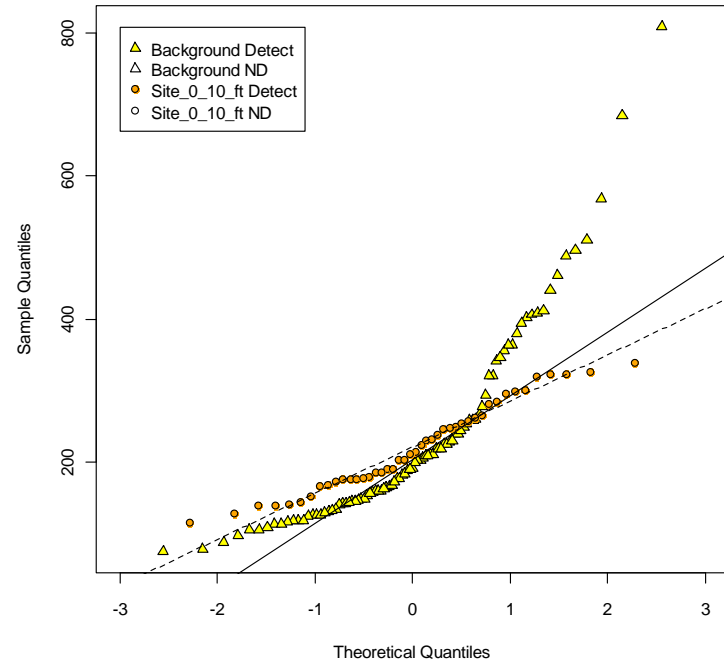
**Background vs Site Boxplots**  
chemical\_name = Strontium



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



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

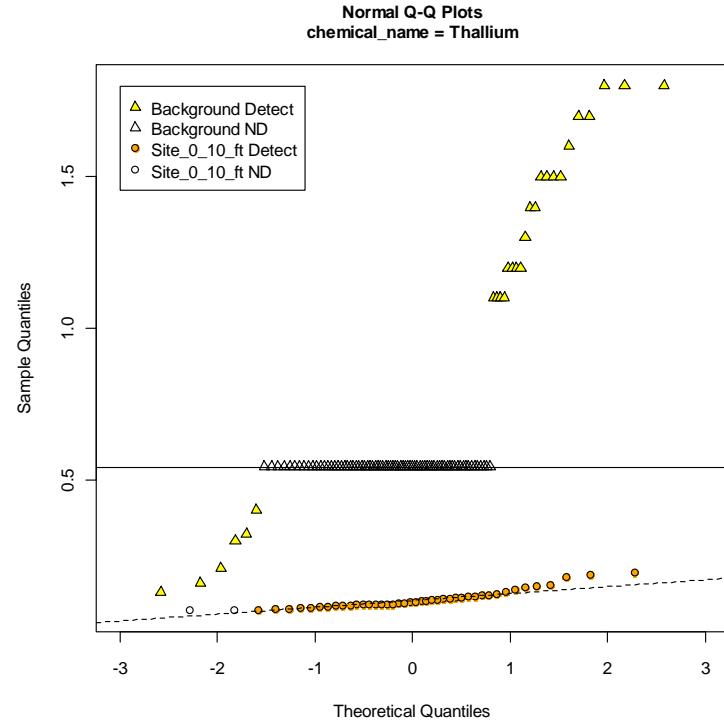
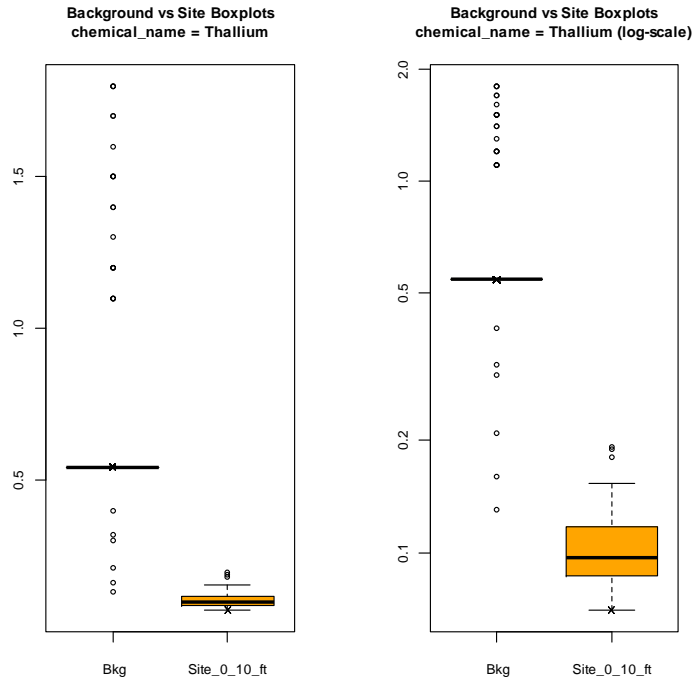


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)



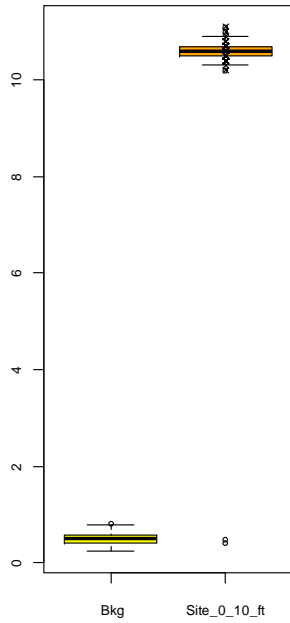


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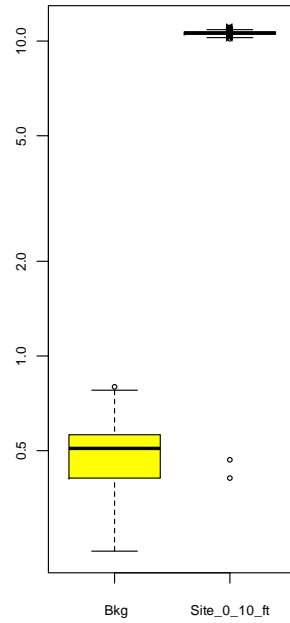
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

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

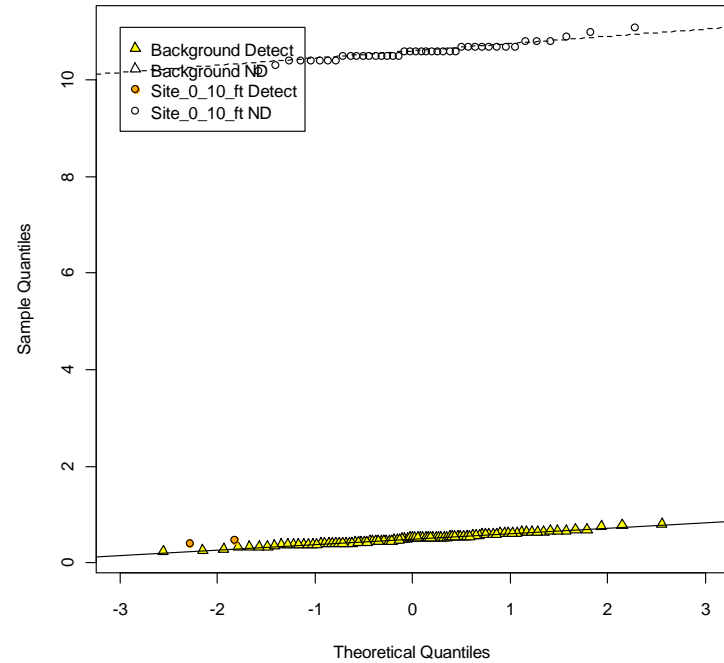


**Background vs Site Boxplots**  
chemical\_name = Tin (log-scale)



RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

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

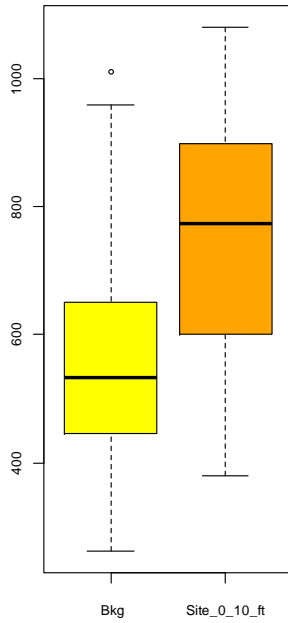


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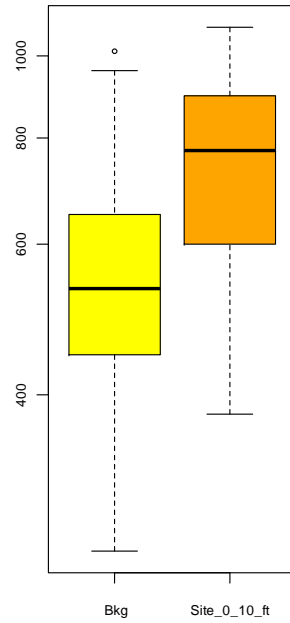
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

Background vs Site Boxplots  
chemical\_name = Titanium

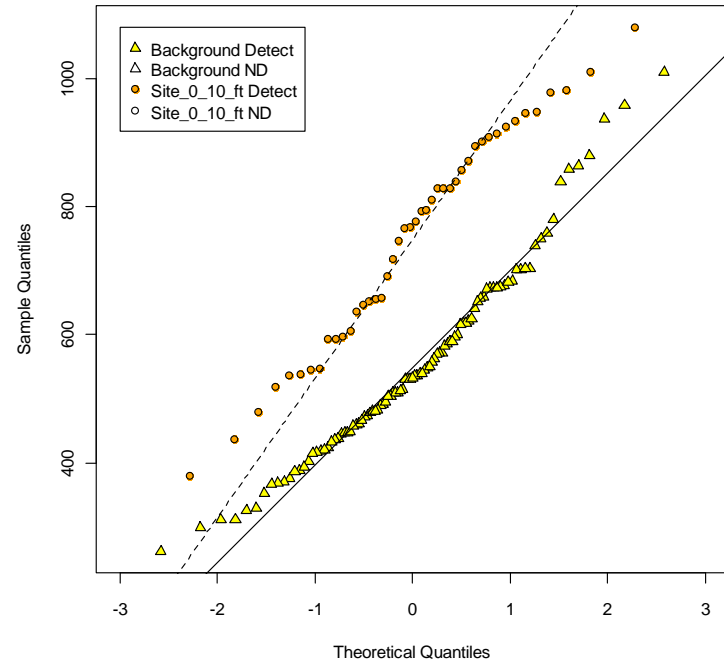


Background vs Site Boxplots  
chemical\_name = Titanium (log-scale)



RZA –Background Data (0,5, & 10 fbs) , Site Data (0 -10 fbs)

Normal Q-Q Plots  
chemical\_name = Titanium

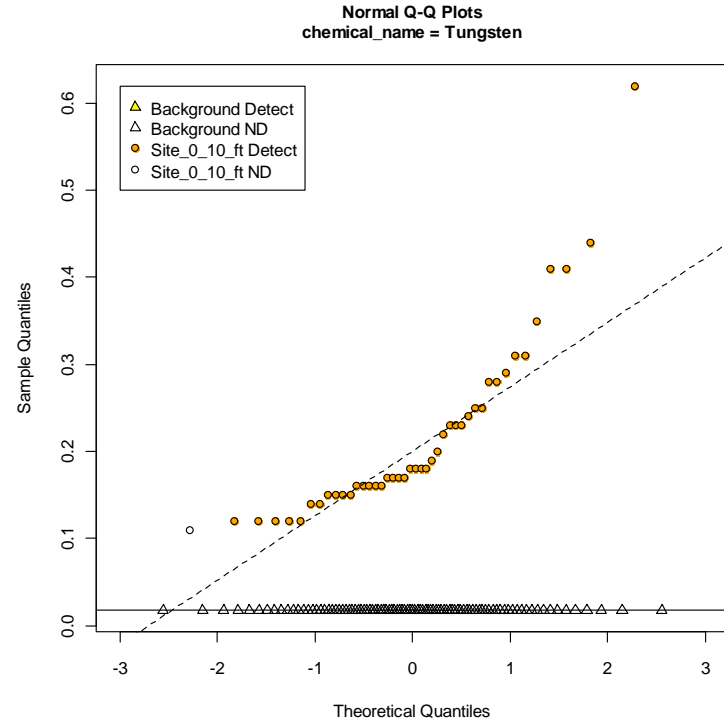
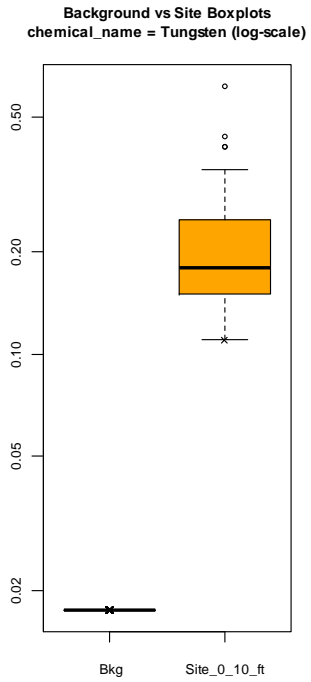
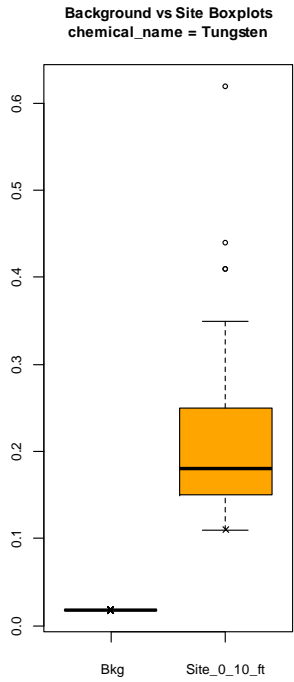


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

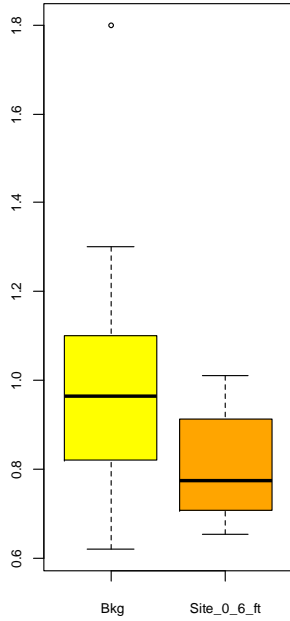


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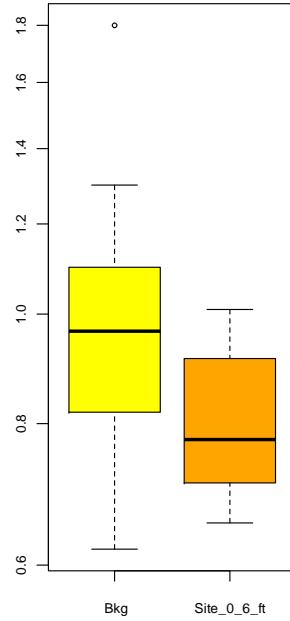
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 & 5 fbg), Site Data (0 - 6 fbg)

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

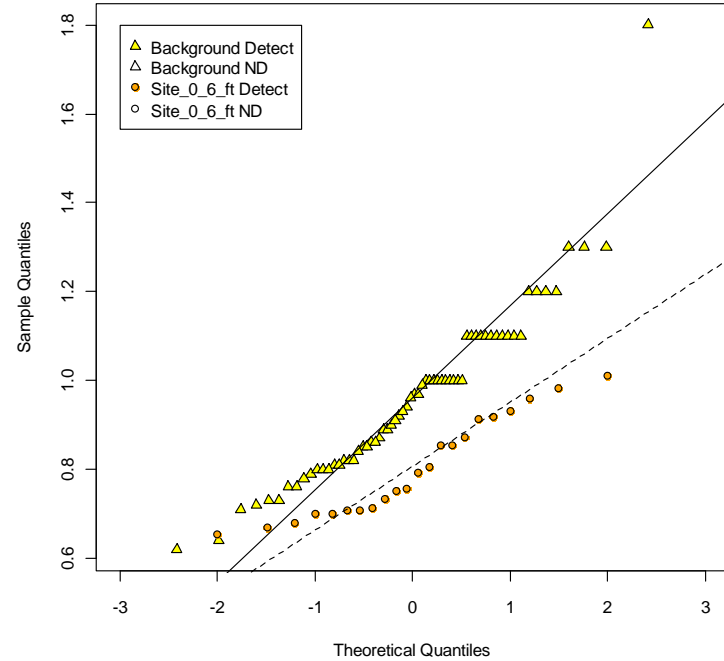


**Background vs Site Boxplots**  
chemical\_name = Uranium (log-scale)



RZA –Background Data (0 & 5 fbg), Site Data (0 - 6 fbg)

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



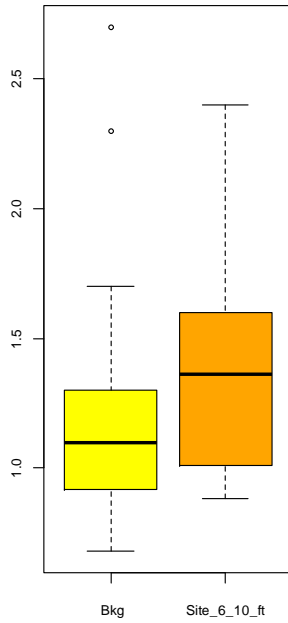
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## Probability Plots for Background Metal Evaluation

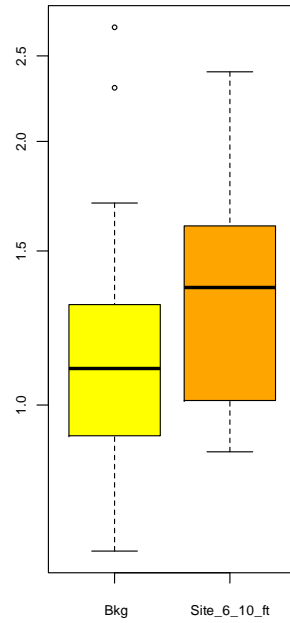
RZA –Background Data (10 fbgs) , Site Data (6-10 fbgs)

RZA –Background Data (10 fbgs) , Site Data (6-10 fbgs)

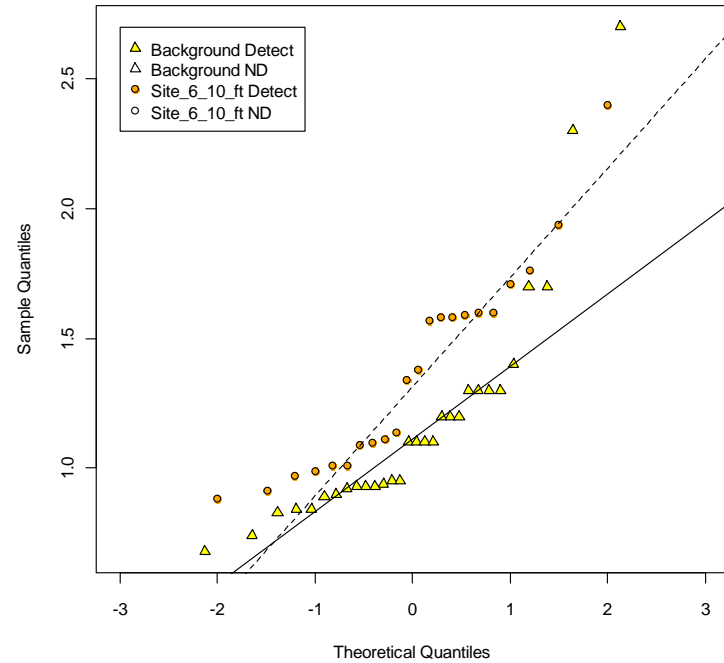
**Background vs Site Boxplots**  
chemical\_name = Uranium



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



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

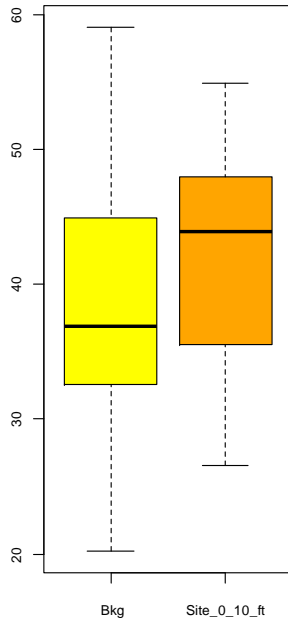


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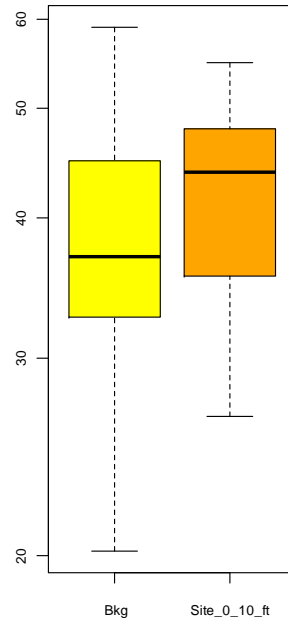
## Probability Plots for Background Metal Evaluation

RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

Background vs Site Boxplots  
chemical\_name = Vanadium

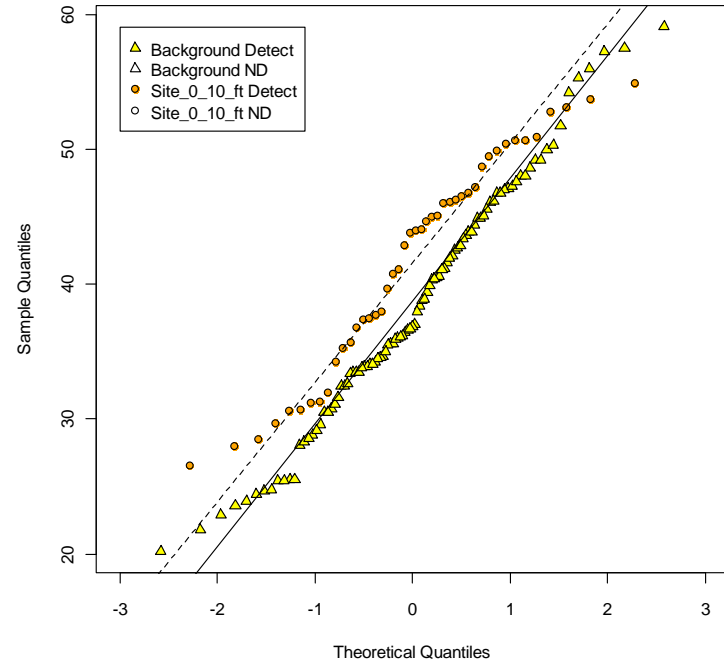


Background vs Site Boxplots  
chemical\_name = Vanadium (log-scale)



RZA –Background Data (0,5, & 10 fbg), Site Data (0 -10 fbg)

Normal Q-Q Plots  
chemical\_name = Vanadium

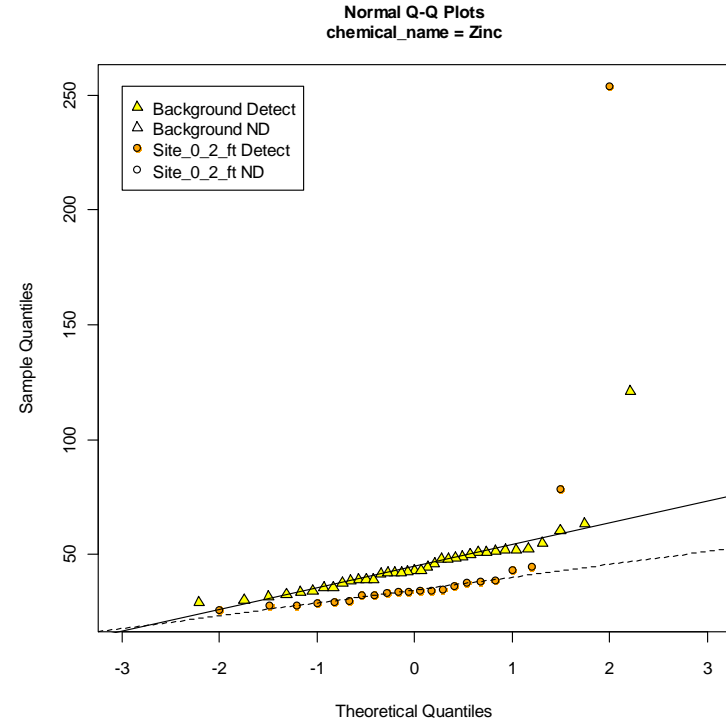
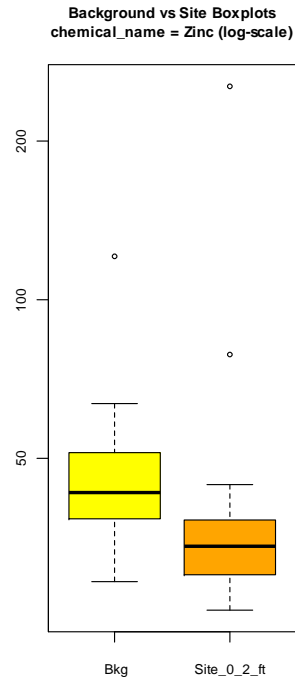
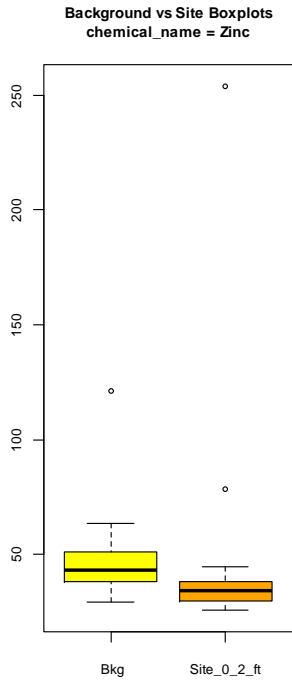


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## Probability Plots for Background Metal Evaluation

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)

RZA –Background Data (0 fbgs) , Site Data (0 - 2 fbgs)



# APPENDIX B

## Probability Plots for Background Metal Evaluation

RZA –Background Data (5 & 10 fbg), Site Data (2- 10 fbg)

RZA –Background Data (5 & 10 fbg), Site Data (2- 10 fbg)

