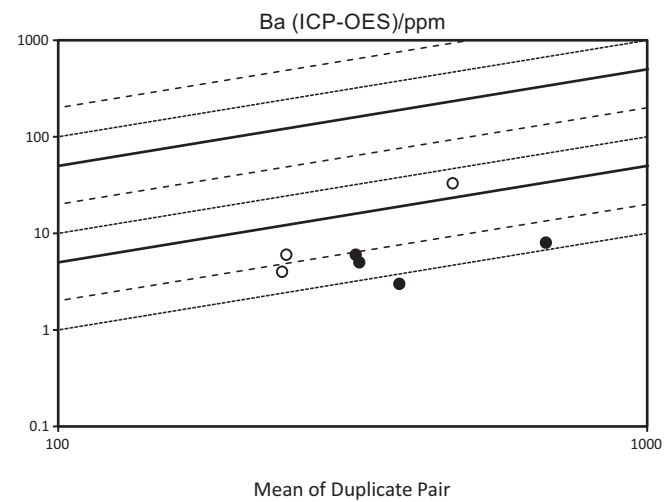
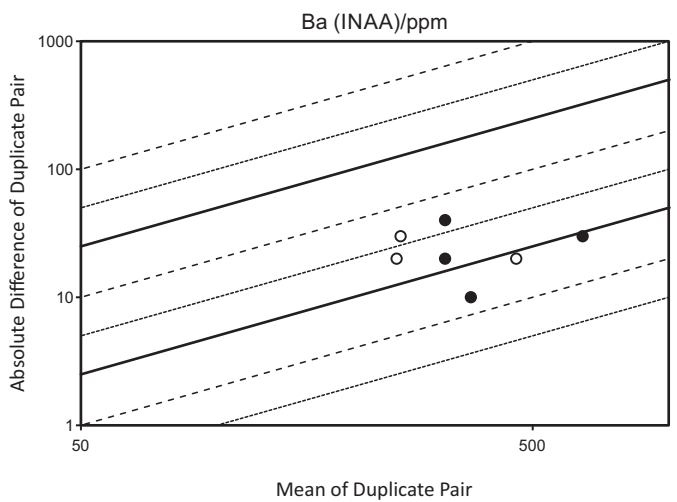
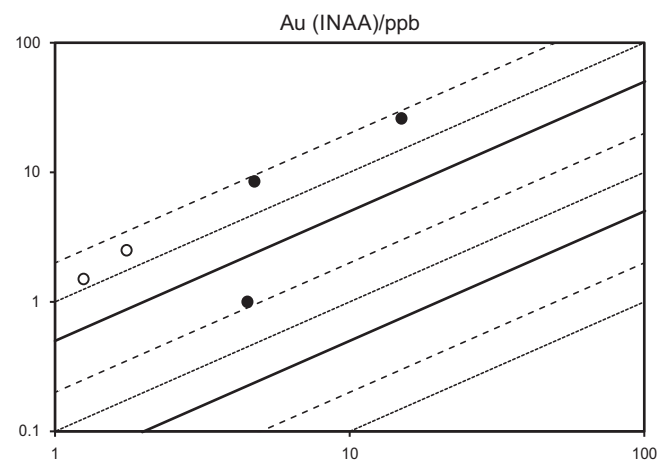
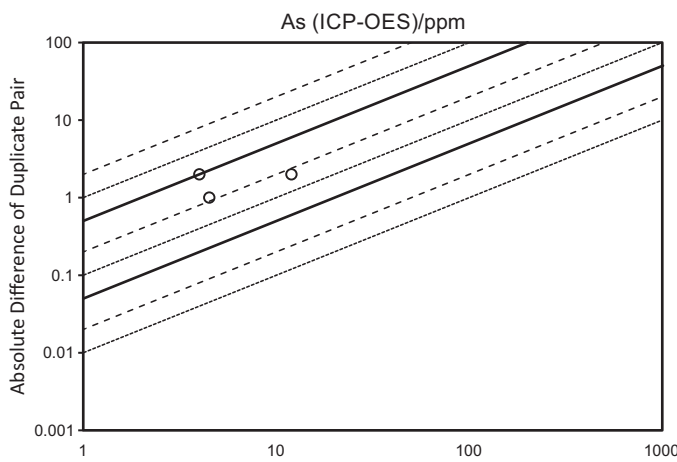
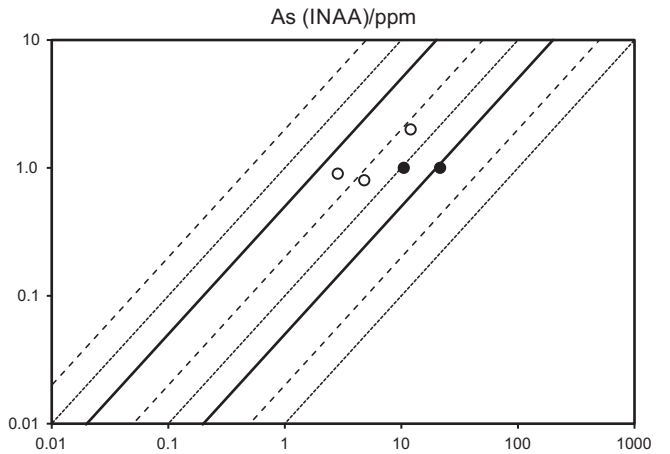
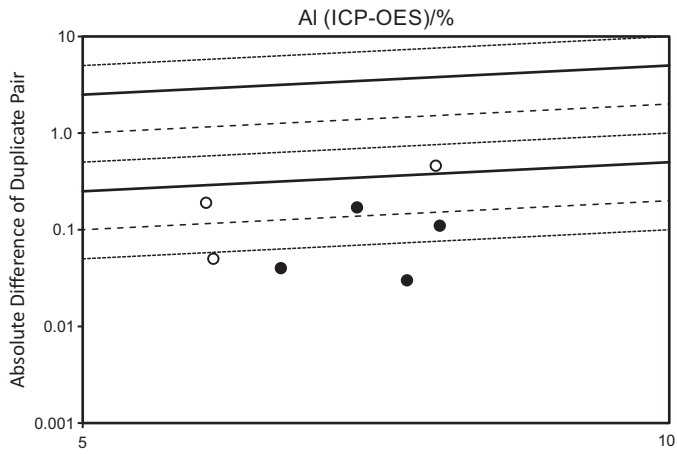
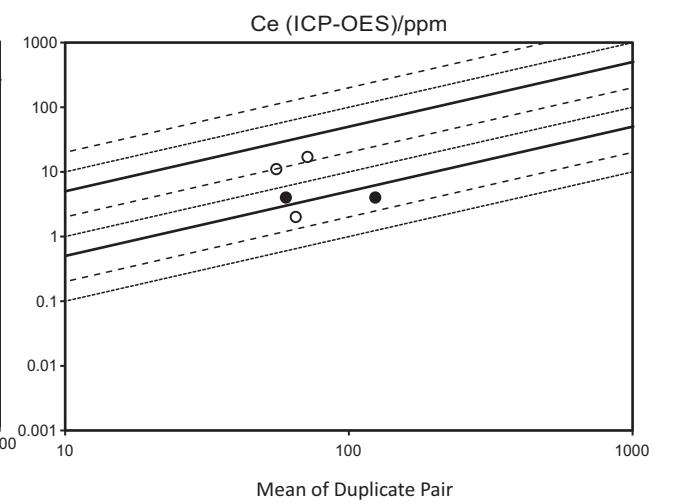
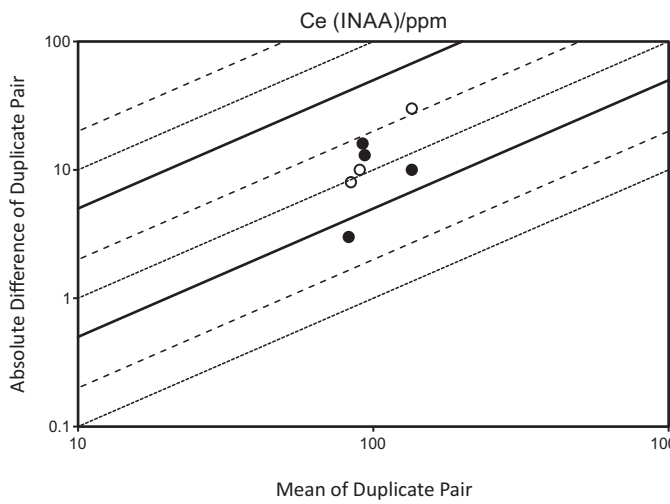
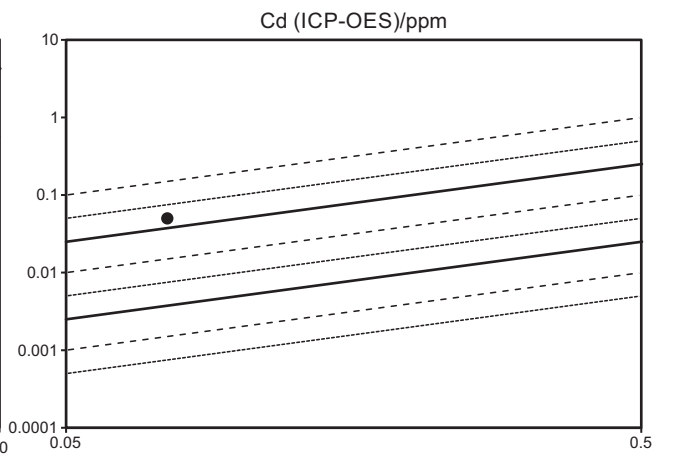
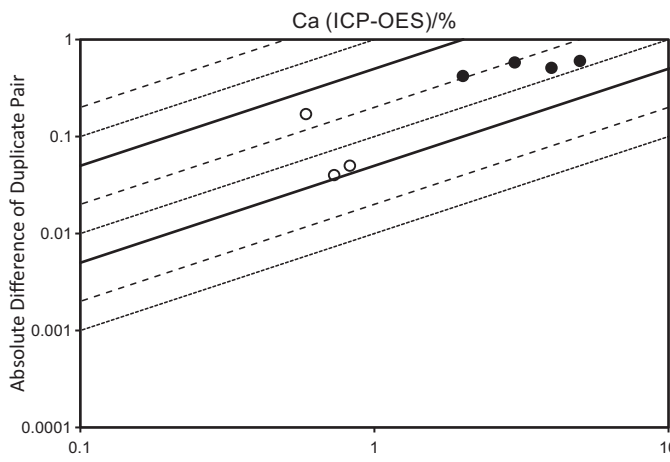
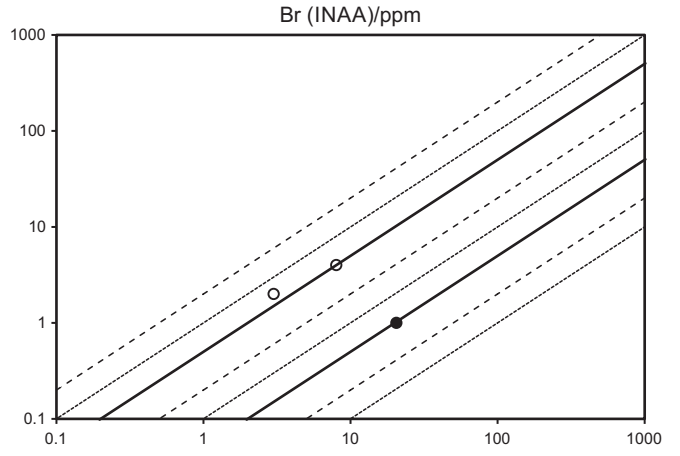
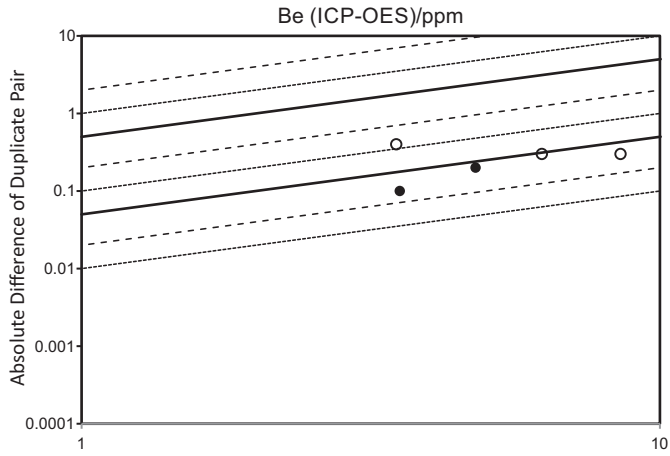


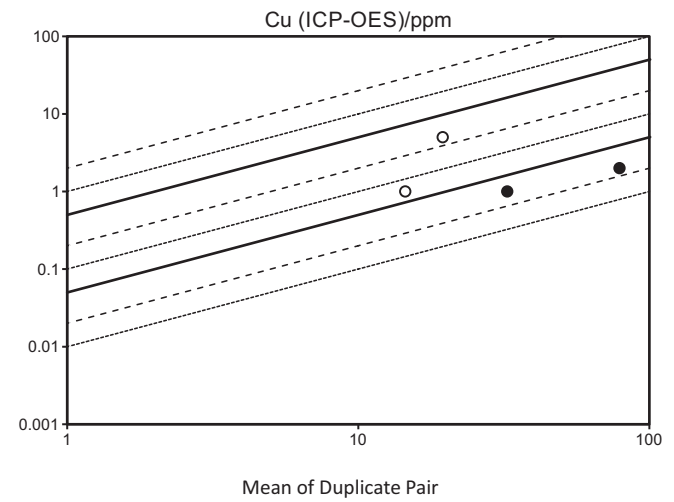
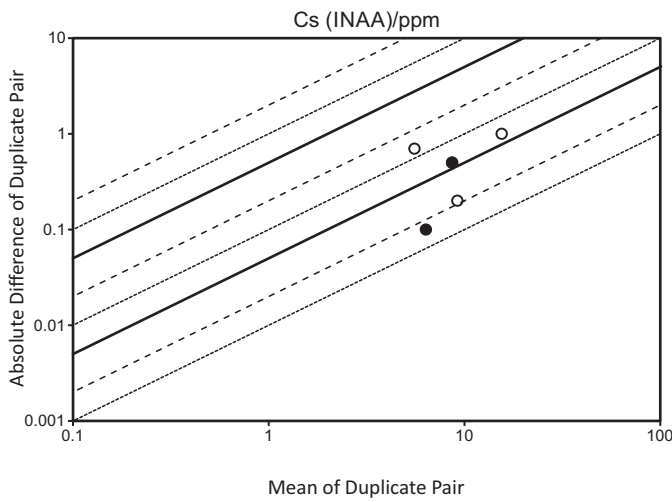
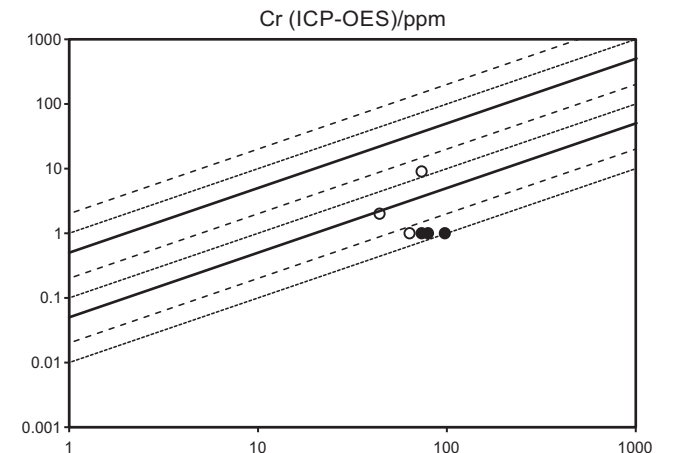
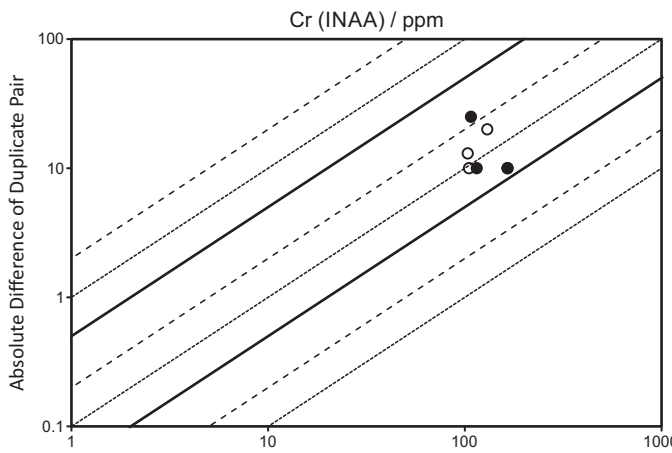
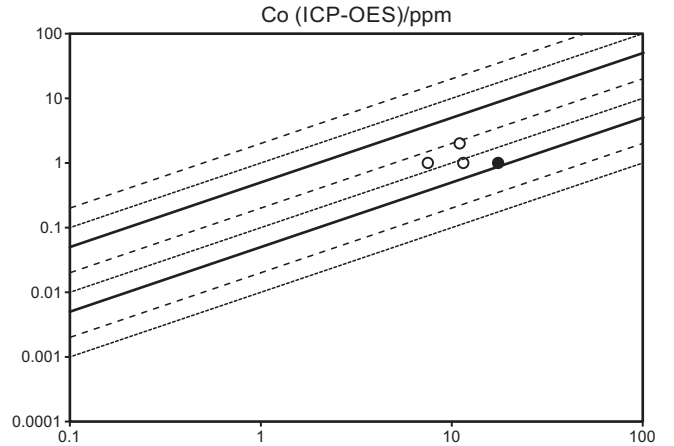
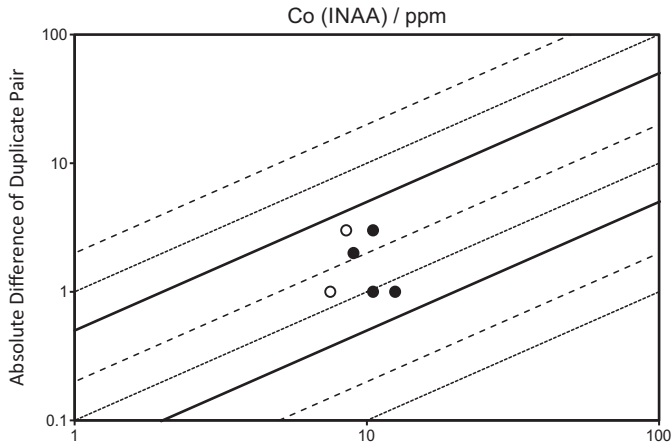
## APPENDIX C

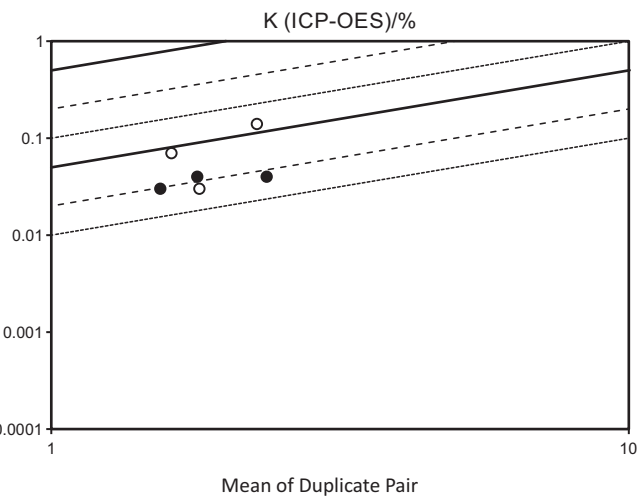
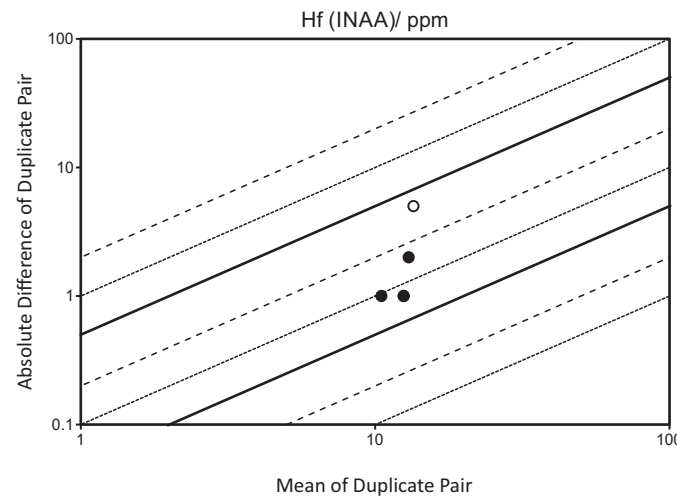
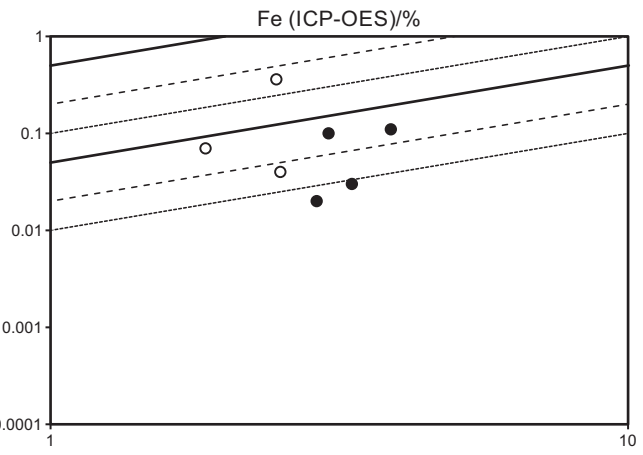
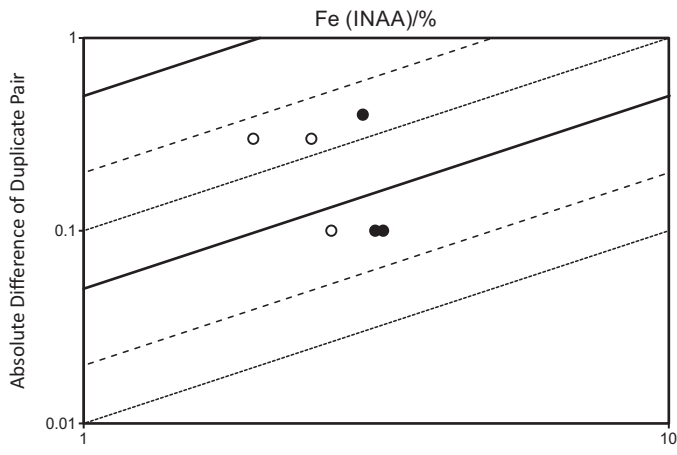
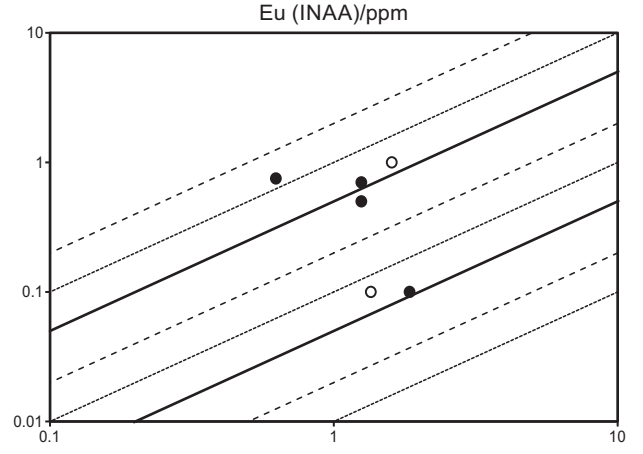
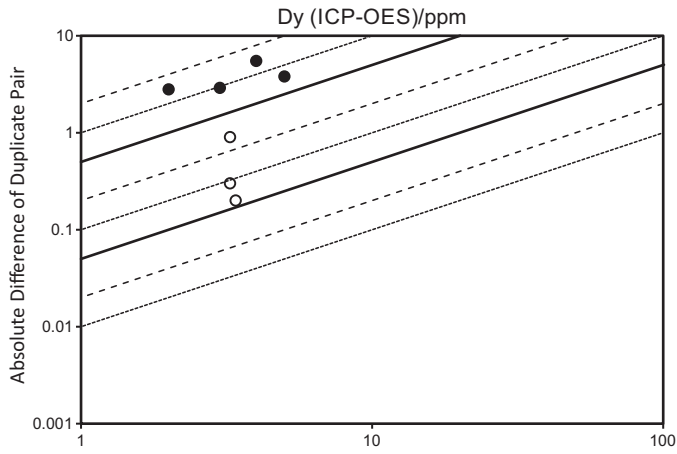
### Thompson-Howarth Precision Plots of Field and Analytical Duplicates

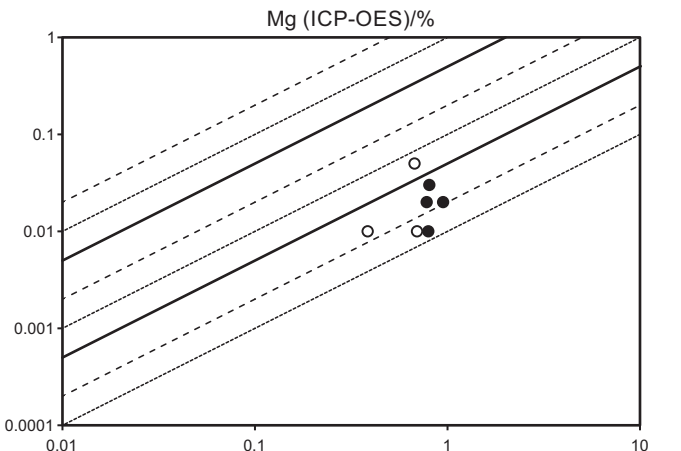
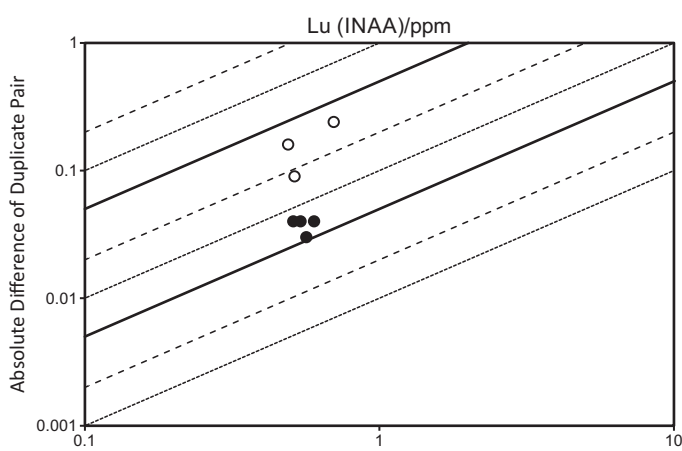
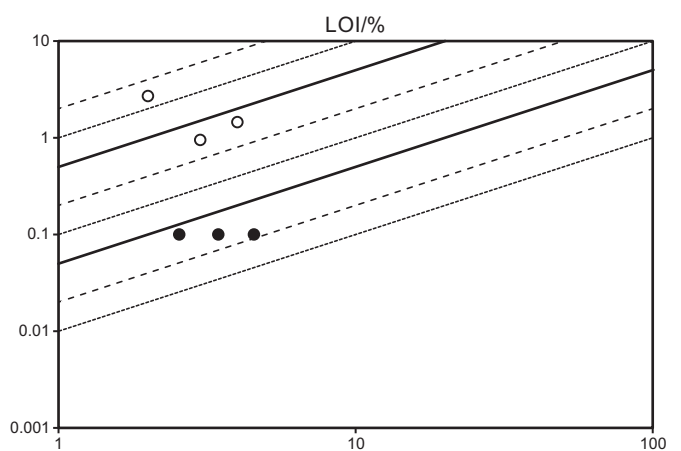
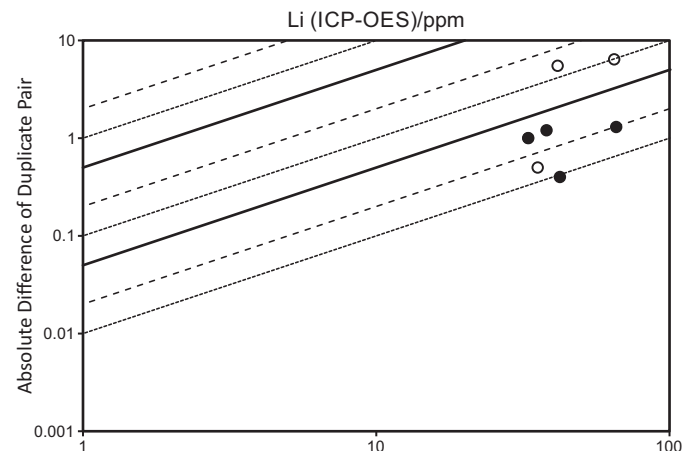
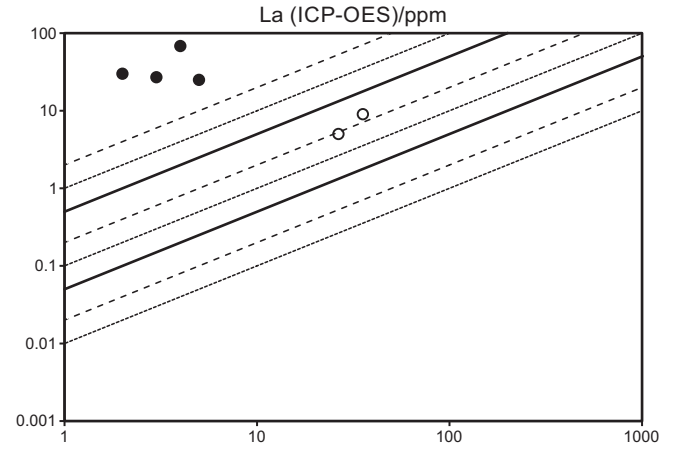
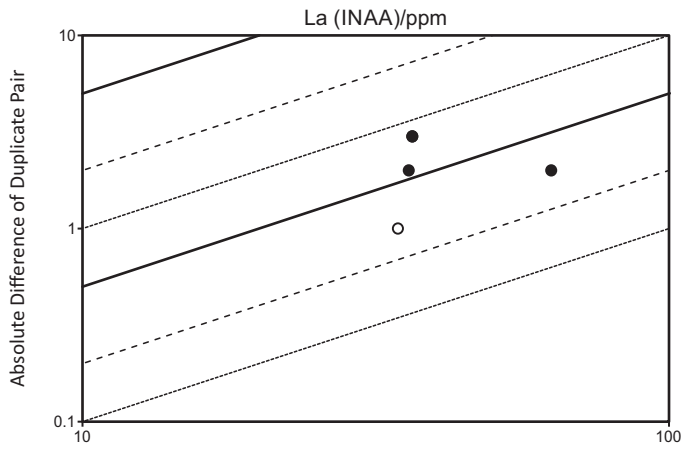
In these precision plots, the mean of each pair of duplicates is plotted against their absolute difference; both axes are scaled logarithmically. A series of parallel lines indicates precision of gradually increasing absolute value, from  $\pm 1\%$  to  $\pm 200\%$ . Field duplicates are denoted by open circles, and analytical duplicates by closed circles; the absolute value of the precision for the former is invariably greater (*i.e.*, the reproducibility is worse).





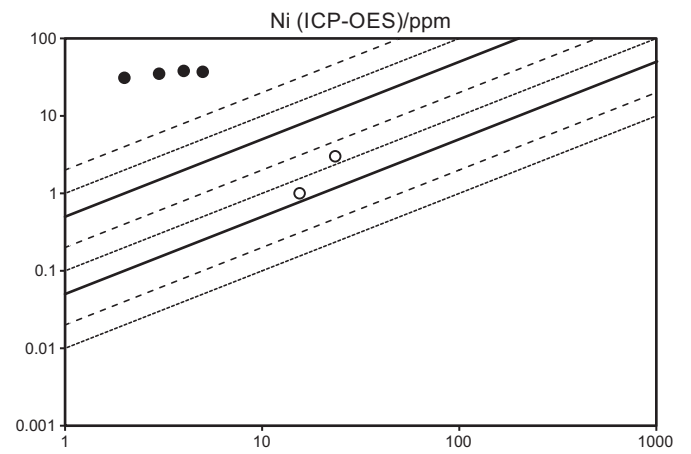
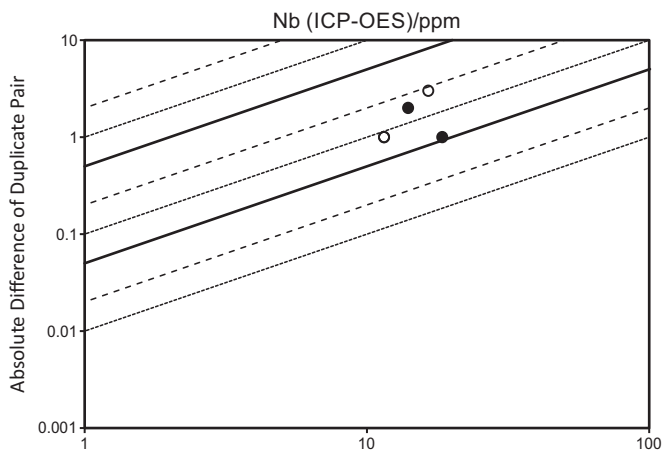
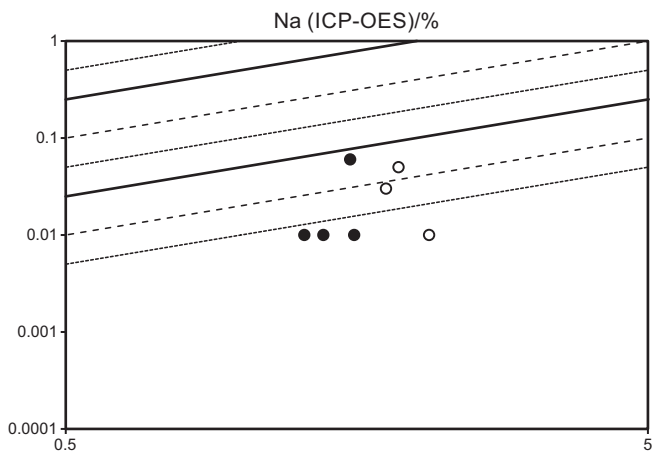
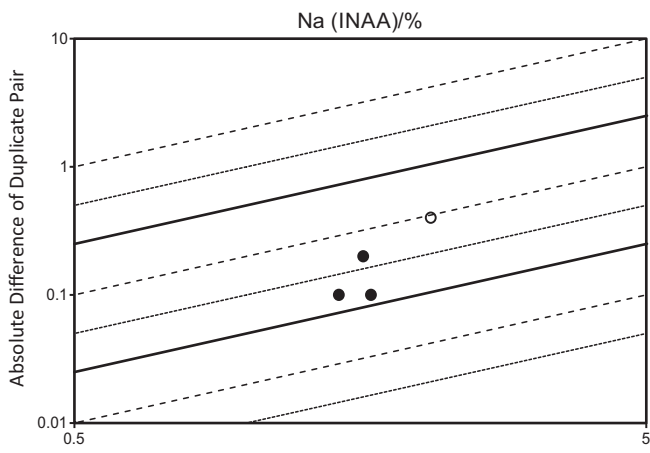
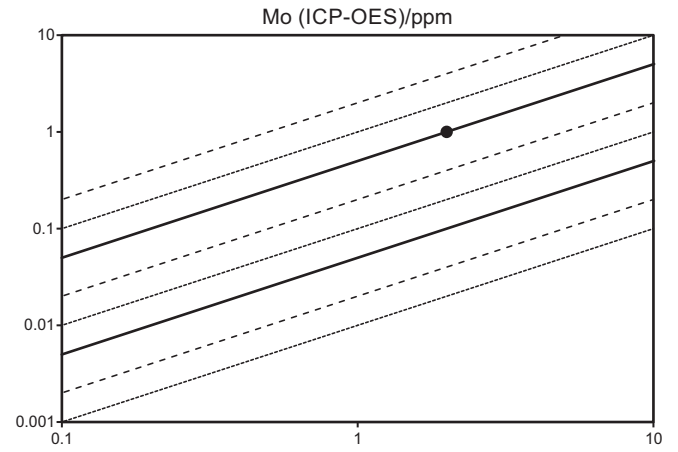
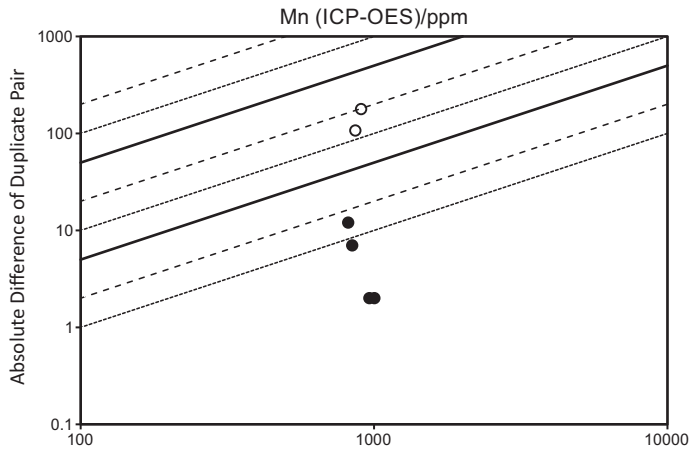






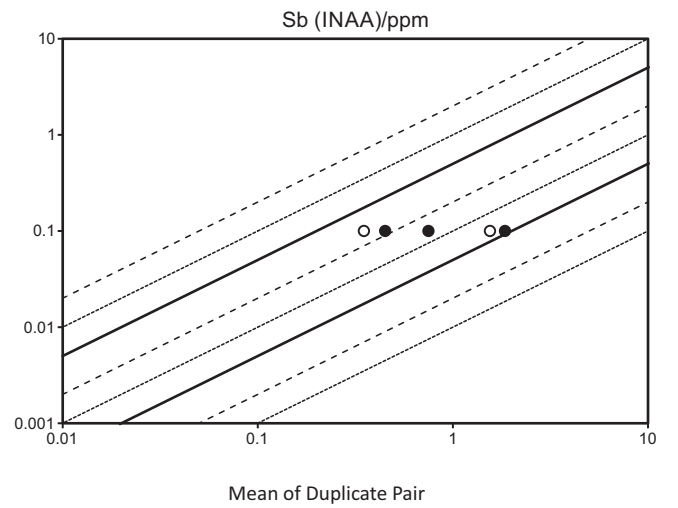
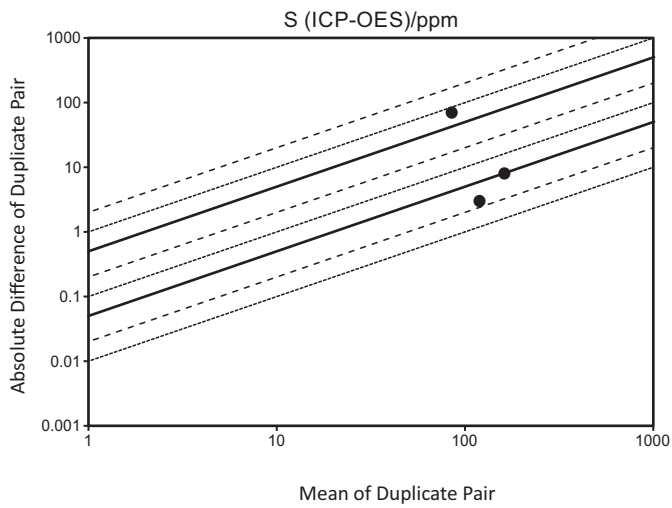
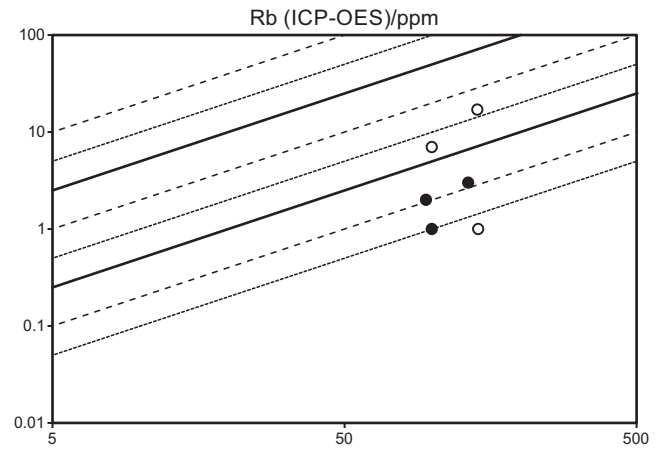
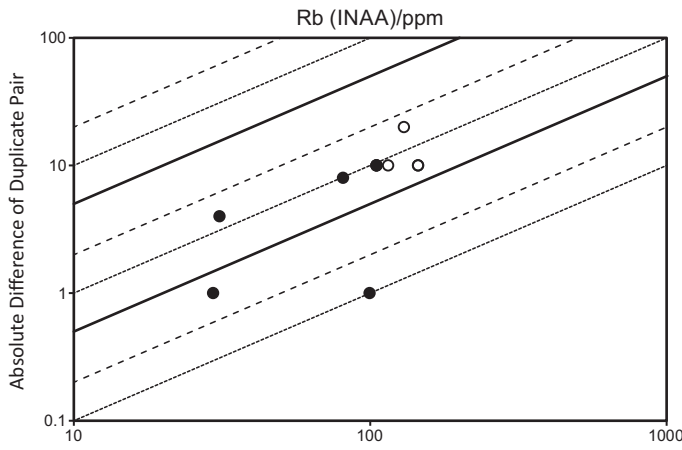
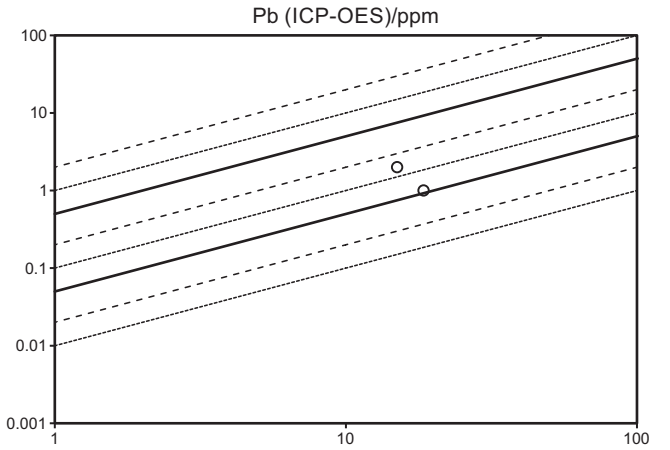
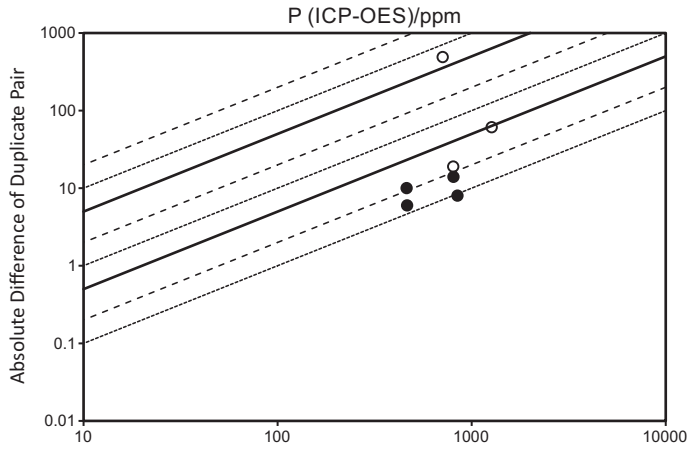
Mean of Duplicate Pair

Mean of Duplicate Pair

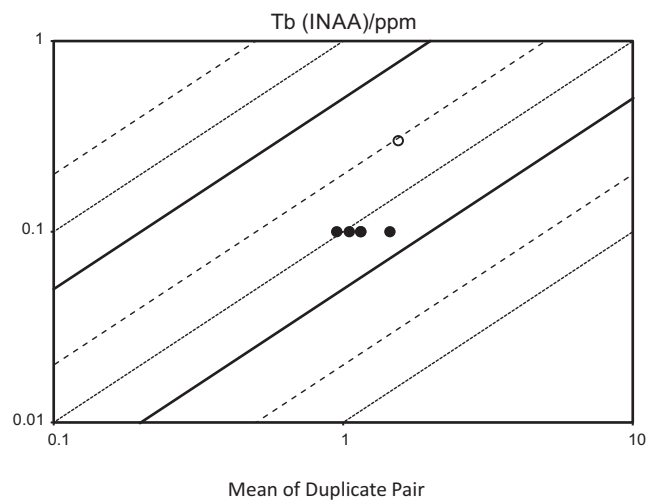
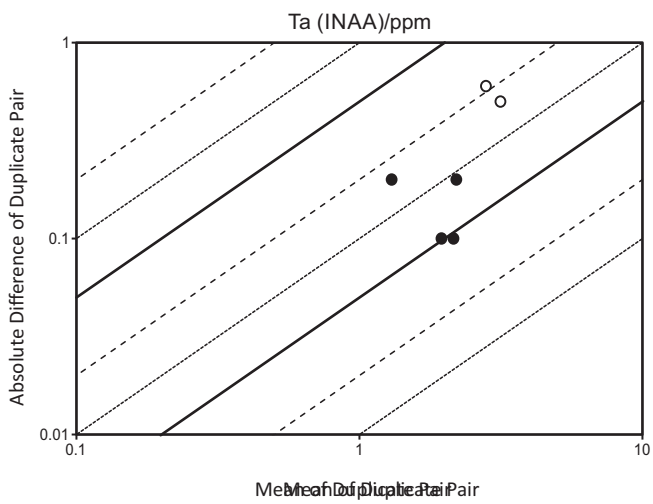
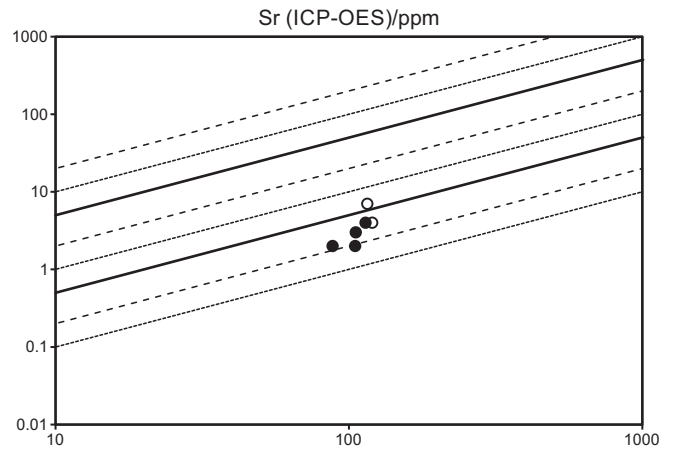
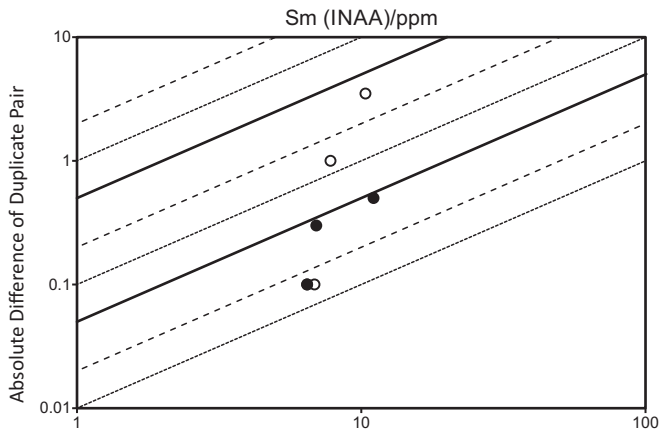
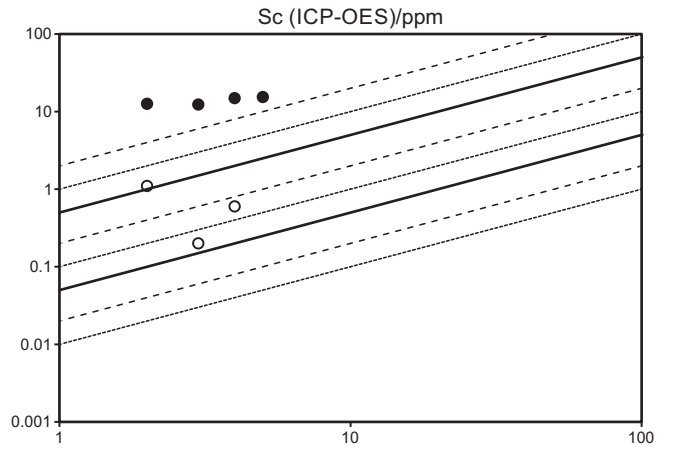
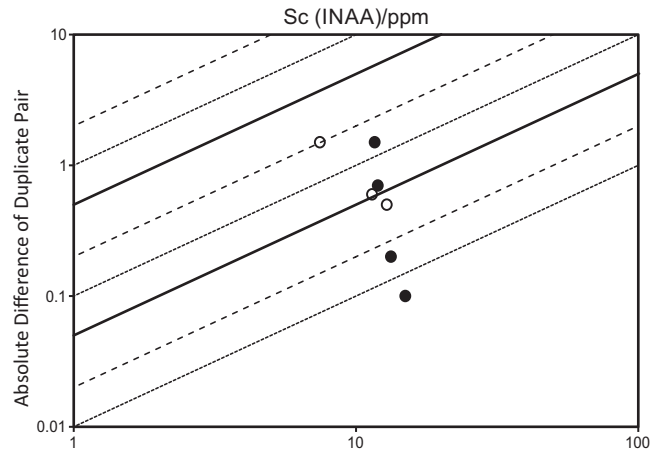


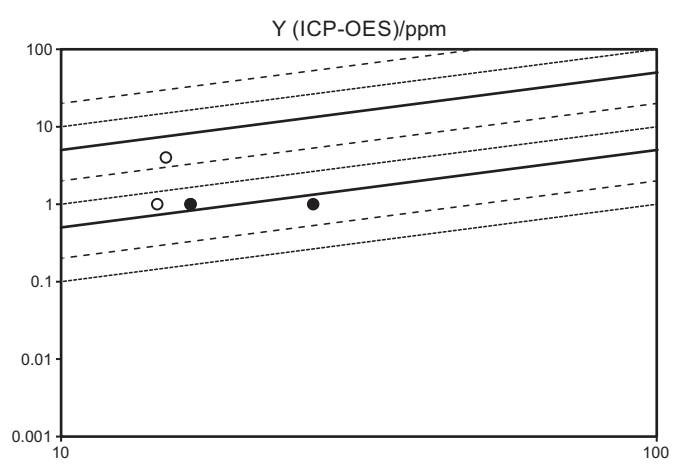
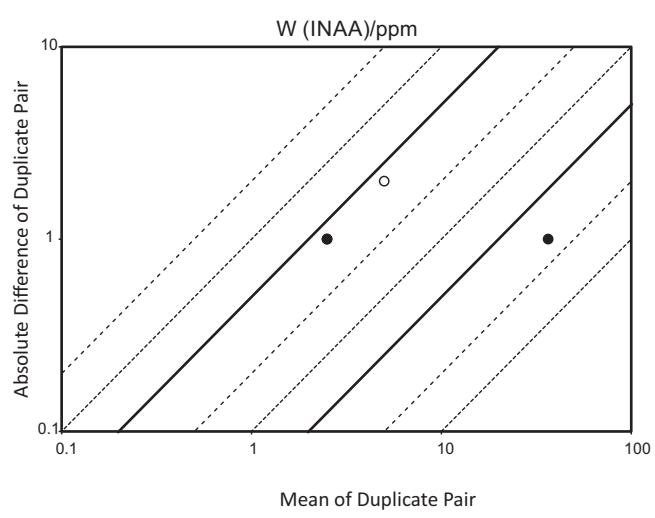
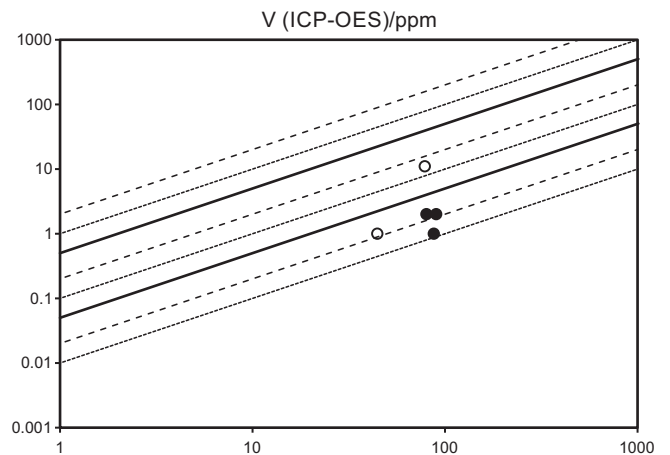
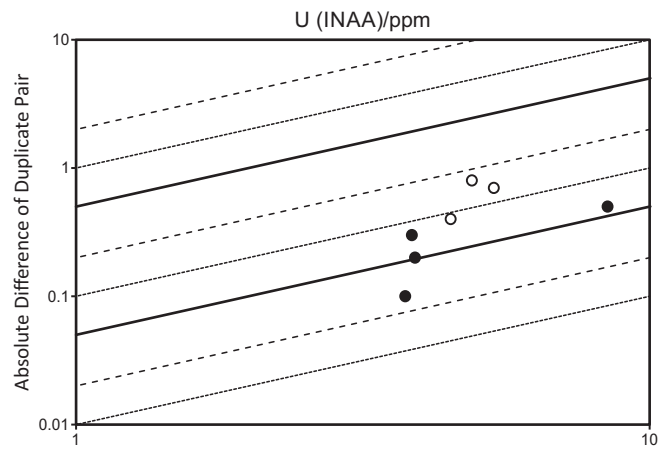
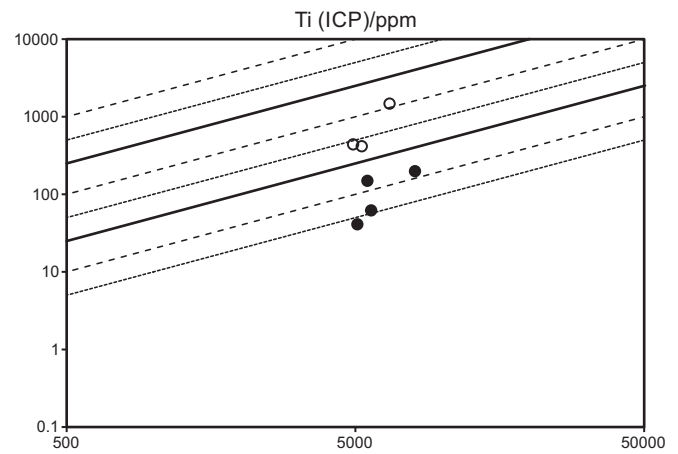
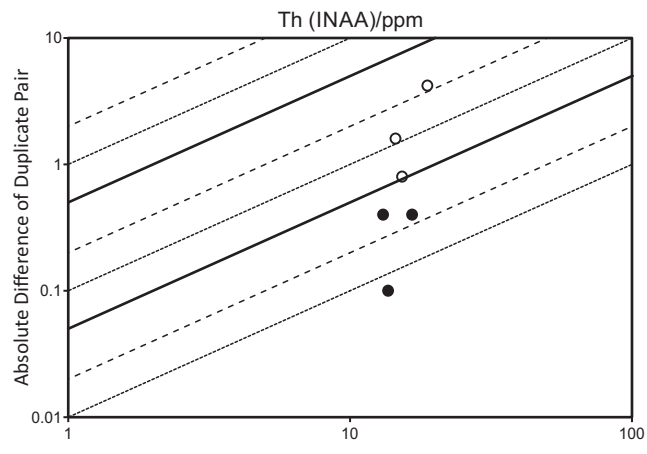
Mean of Duplicate Pair

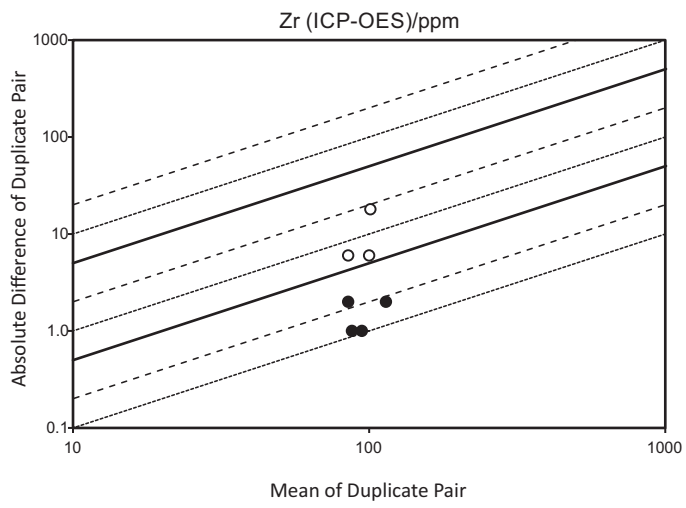
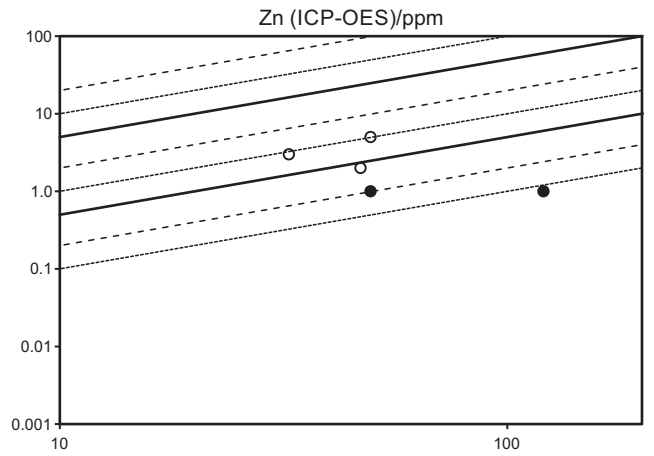
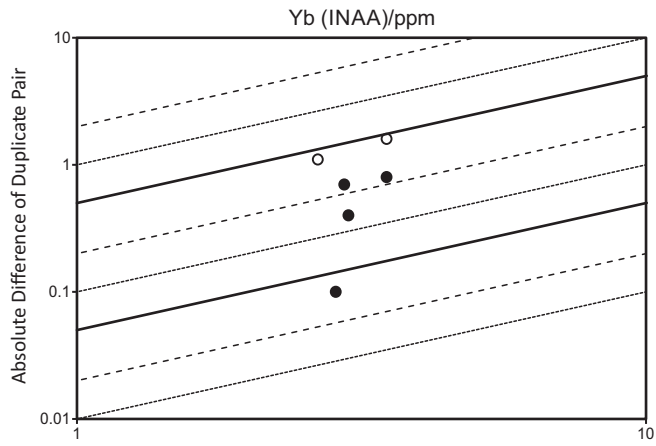
Mean of Duplicate Pair











Mean of Duplicate Pair