Substances Spiked in ENTACT Mixtures (n = 1269)

Correctly Identified Chemicals (n = 530 [+]; 237 [-])

Subset with Repeat Measures (n = 73 [+]; 10 [-])

Inverse Prediction Using Calibration Curves (CC)

Given $Y_{obs}$, $\frac{Y_{obs}}{RF_{0.025}} = \hat{Conc}_{0.975_{CC}}$

Inverse Prediction Using a Bounded Response Factor (RF)

Given $Y_{obs}$, $Y_{obs} \div RF_{0.025} = \hat{Conc}_{0.975_{RF}}$

Inverse Prediction Using Ionization Efficiency (IE) Estimation

Given $Y_{obs}$ and Predicted IE, $Y_{obs} \div RF_{0.025_{IE}} = \hat{Conc}_{0.975_{IE}}$