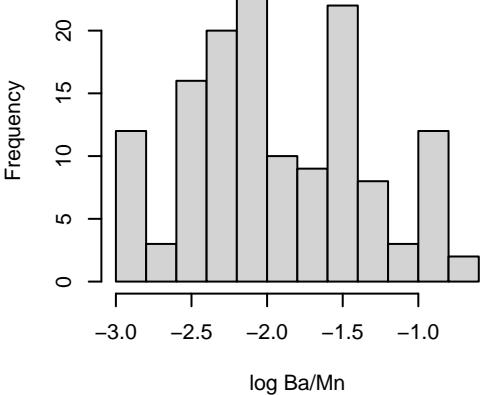
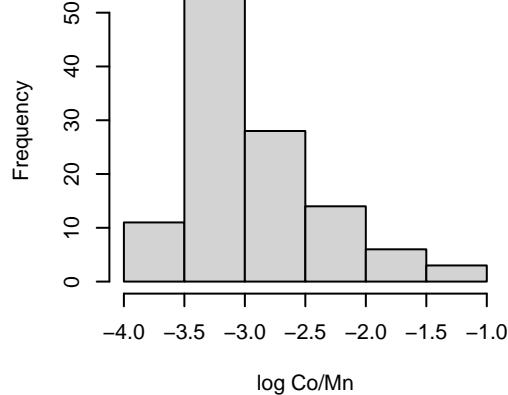


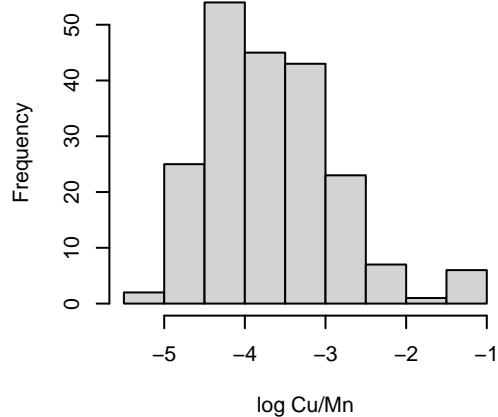
W = 0.9713, p = 0.004555



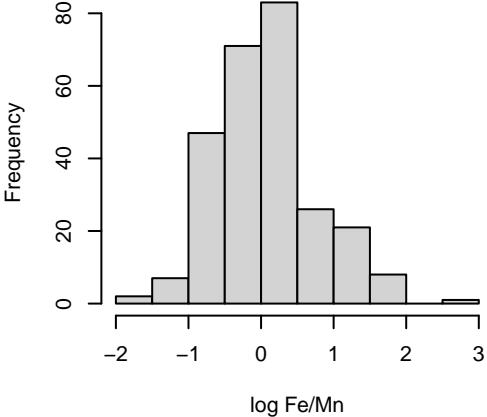
W = 0.9129, p = 1.138e-06



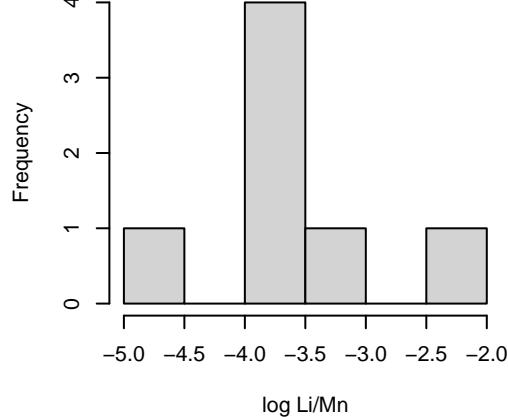
W = 0.9591, p = 1.171e-05



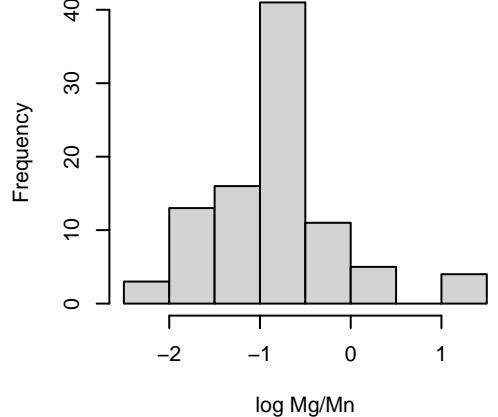
W = 0.9839, p = 0.004364



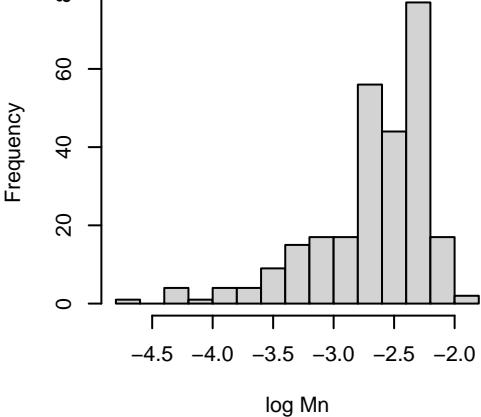
W = 0.9313, p = 0.5624



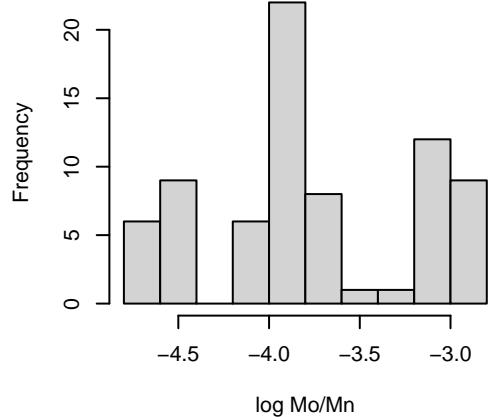
W = 0.9179, p = 2.111e-05



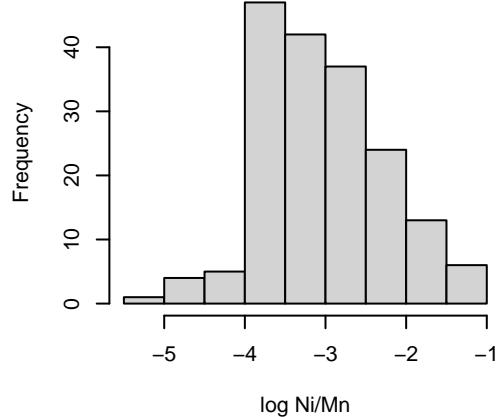
W = 0.874, p = 4.731e-14



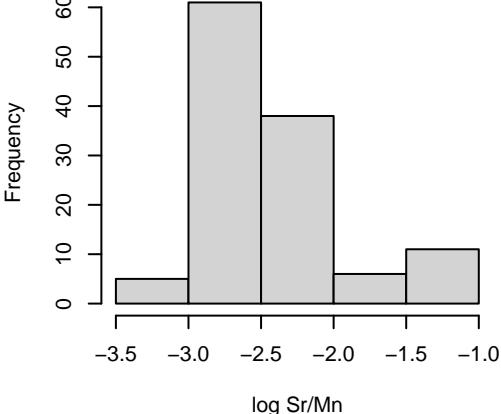
W = 0.9172, p = 0.0001302



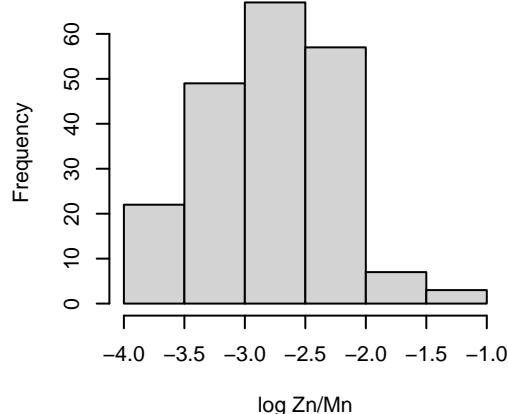
W = 0.9706, p = 0.0007773



W = 0.9144, p = 1.06e-06



W = 0.9844, p = 0.02339



Supplementary Figure 2.
Shapiro-Wilk test for the log normal distribution of moles per kg Mn and trace elements (Ba, Co, Cu, Fe, Li, Mg, Mo, Ni, Sr, Zn) normalized to Mn in Mn-(oxyhydr)oxides.
W values above 0.9 are indicative of a log normal distribution and p-values less than 0.05 indicate the null hypothesis can be rejected.