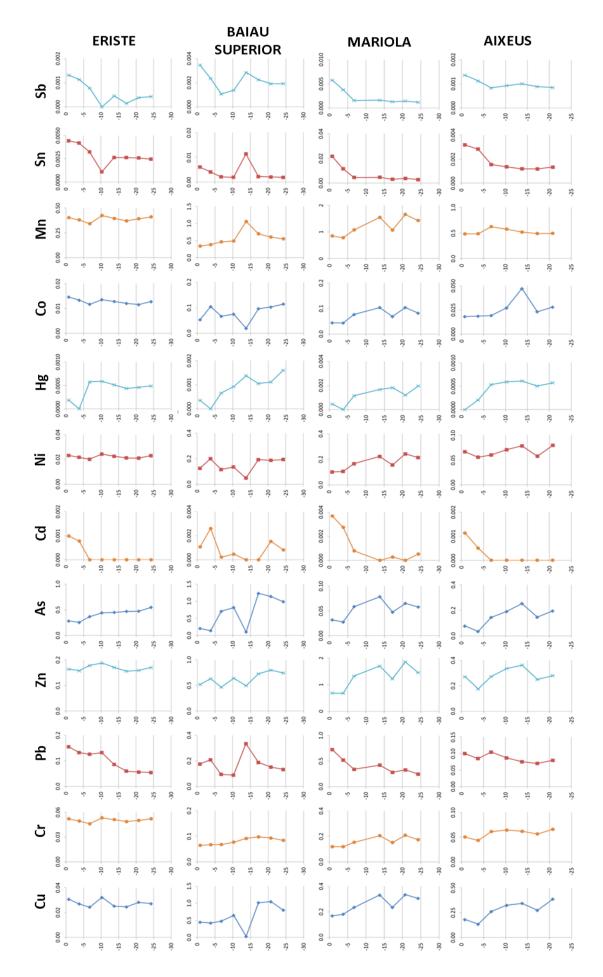
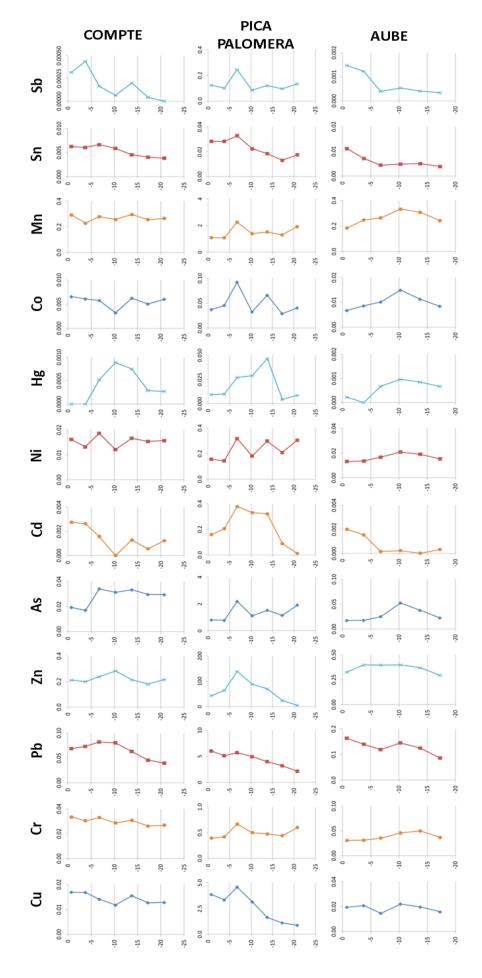


**Figure S1.** Vertical concentration profiles of the elements measured in the sediment cores obtained from Pyrenean lakes. Depth in cm is plotted in axes Y. Concentrations normalised with Ti are plotted in axes X.



**Figure S1 (cont.).** Vertical concentration profiles of the elements measured in the sediment cores obtained from Pyrenean lakes. Depth in cm is plotted in axes Y. Concentrations normalised with Ti are plotted in axes X.



**Figure S1 (cont.).** Vertical concentration profiles of the elements measured in the sediment cores obtained from Pyrenean lakes. Depth in cm is plotted in axes Y. Concentrations normalised with Ti are plotted in axes X.