**Figure DR1** Core-rim compositional variations of clinopyroxene and orthopyroxene from Bayuda xenoliths. (a) Examples of composition profiles through two clinopyroxenes in sample C-59. Compositional zoning is restricted to the outer rims. Compositional patterns of cpx from corerim analyses are similar in other samples. cpx - clinopyroxene. (b) Compositional variations between core and outermost rim of orthopyroxene.
Figure DR2 PUM-normalized trace element composition of individual samples of (a) the ultramafic xenoliths and (b) of the granulite xenoliths. The composition of three unleached samples is shown in comparison to their leached counterparts. Primitive mantle: Sun and McDonough (1989). PUM - primitive upper mantle.