



Figure 10. Plots of GSC Banks Island garnet, C1 chondrite-normalized (McDonough and Sun (1995)), rare earth element (REE) concentrations for those classified by Grütter et al. (2004) as G9, G10, G11 or G12 (Appendix 7A). **A)** Cr-pyrope garnets with C1 chondrite-normalized heavy-REE enriched profiles. Heavy red and black lines illustrate the average concentrations for the G9 and G11 garnets, respectively; **B)** Cr-pyrope garnets with C1 chondrite-normalized sinusoidal REE profiles. Heavy red, blue, and purple lines illustrate the average concentrations for the G9, G10 and G12 garnets, respectively; **C)** Cr-pyrope garnets with C1 chondrite-normalized middle-REE depleted profiles (n=4), along with other anomalous profiles of normal, slightly-humped, and humped (cf., Banas et al., 2009). Heavy blue line illustrates the average concentrations for the three G10 garnets.