



**Figure S5.** Mass spectra of A) AZA1 following heating of hepatopancreas extract in MeOH and B) AZA1 showing incorporation of deuterium following heating of hepatopancreas extract in  $\text{CH}_3\text{OD}$ . Note: some incorporation of deuterium is evident (increase in isotope peaks) due to heat induced conversion to 37-*epi*-AZA1<sup>15</sup> but this effect is very much less than was observed during decarboxylation of AZA44–47 (Figures S1–S4).