

Supplementary Materials:

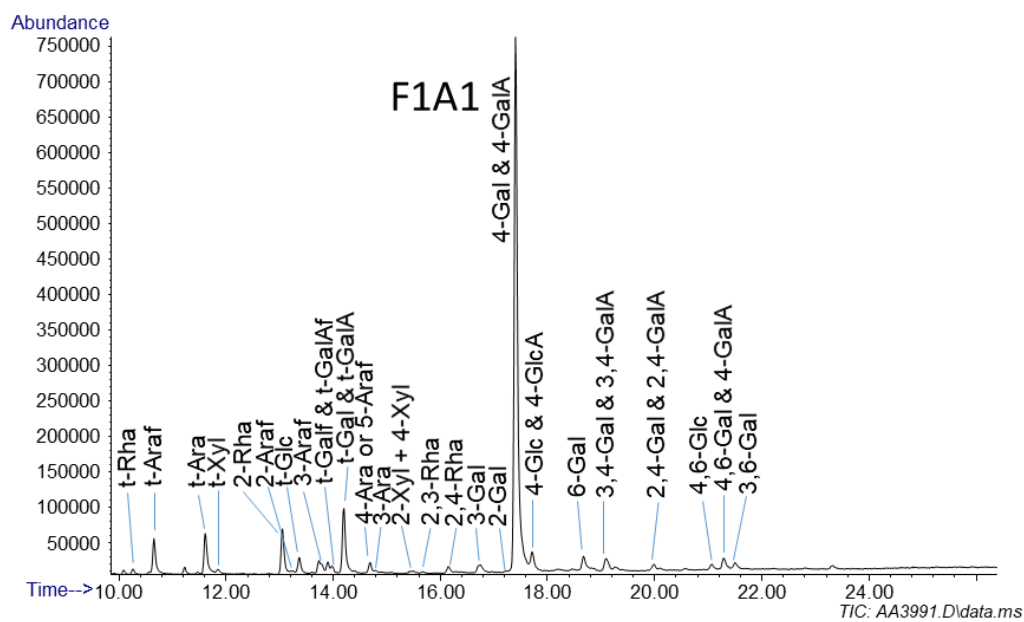
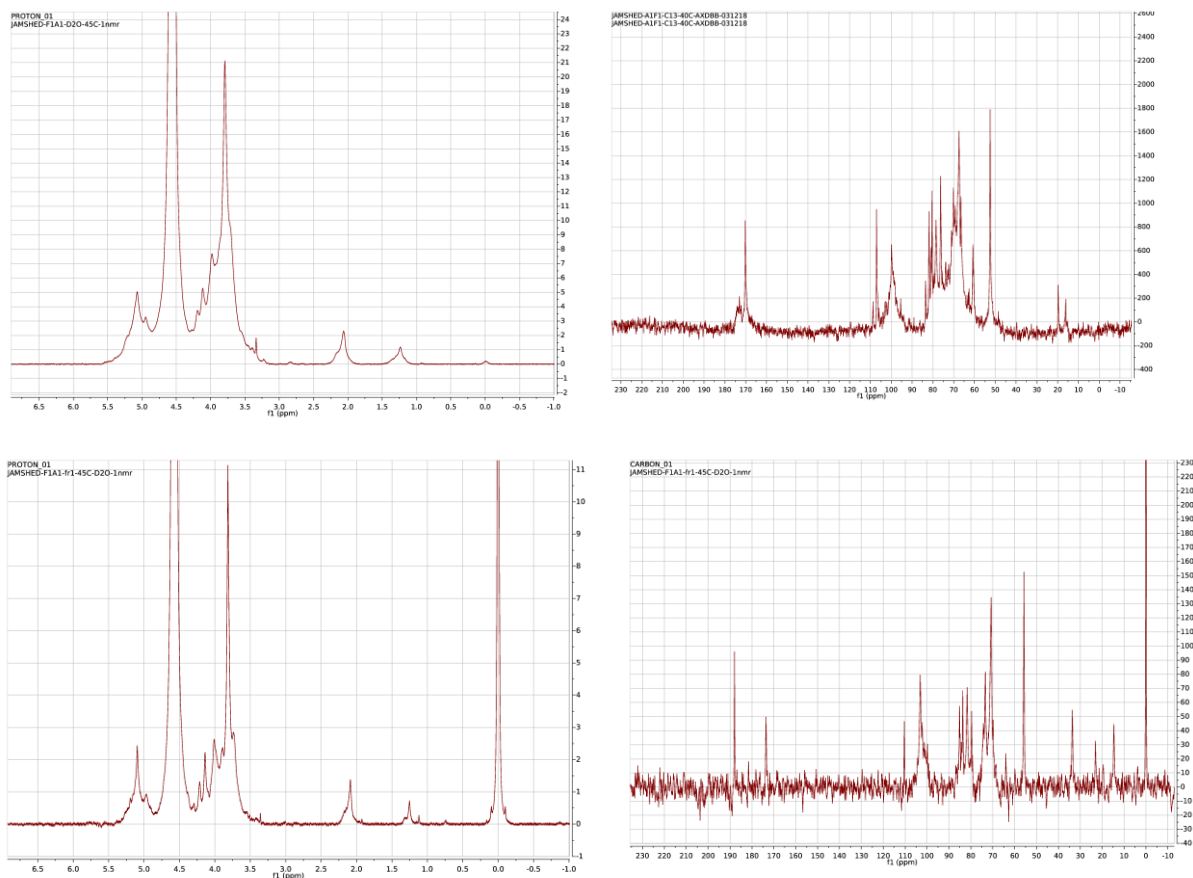


Figure S1: TIC chromatogram of the PMAA derivatives made from the F1AP sample;



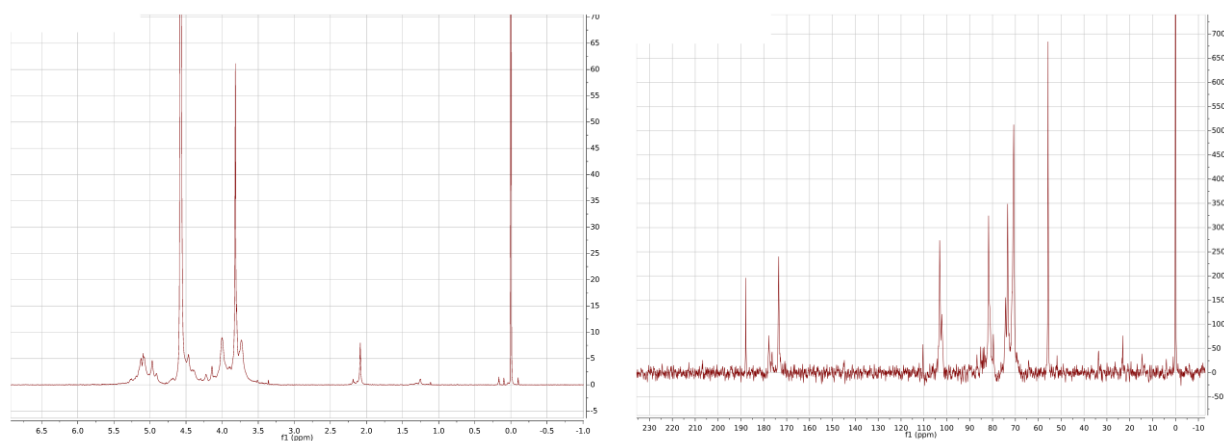


Figure S2: ^1H and ^{13}C NMR spectra: (a) F1AP; (b) F1AP1; (c) F1AP6

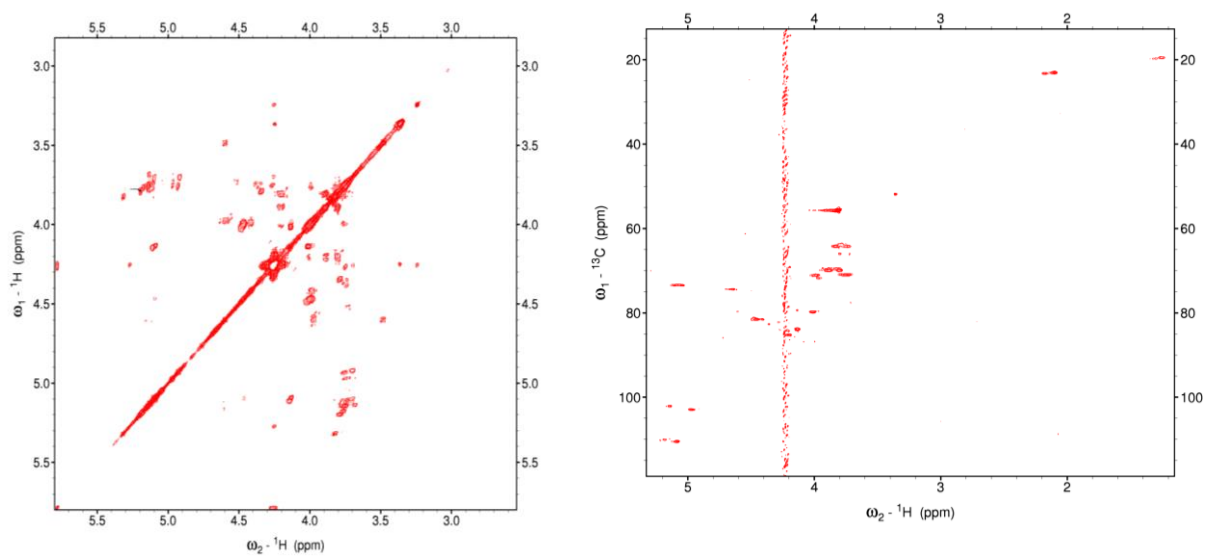


Figure S3: gCOSY (a) and Multiplicity-sensitive gHSQCAD spectrum of F1AP1 fraction at 80 °C;

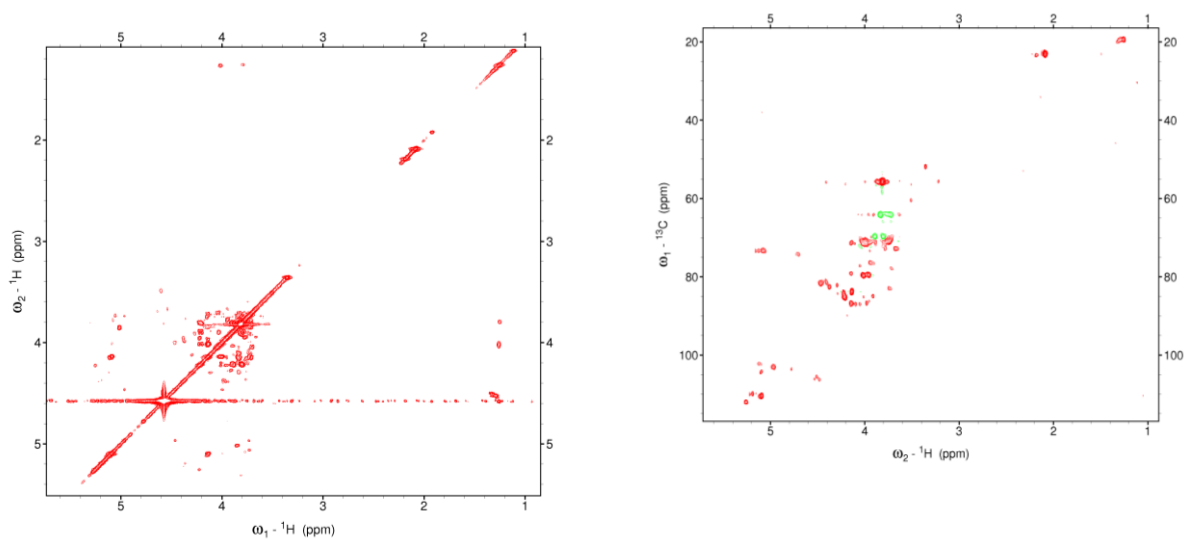


Figure S4: gCOSY and Multiplicity-sensitive gHSQCAD spectrum of F1AP6 fraction at 45 °C (green are CH₂, red is CH and CH₃).