

Supplementary Materials

# Amphiphilic and Perfluorinated Poly(3-Hydroxyalkanoate) Nanocapsules for $^{19}\text{F}$ Magnetic Resonance Imaging

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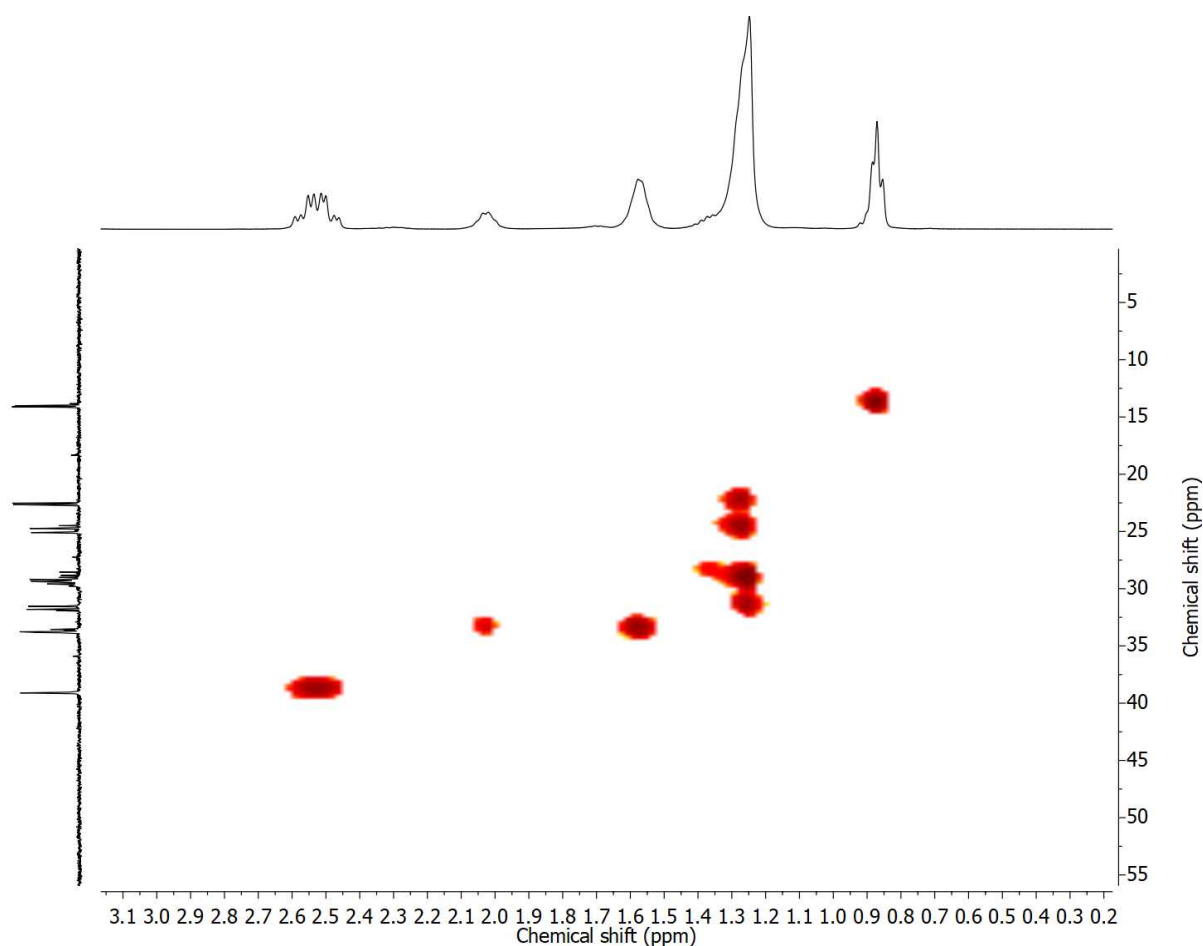
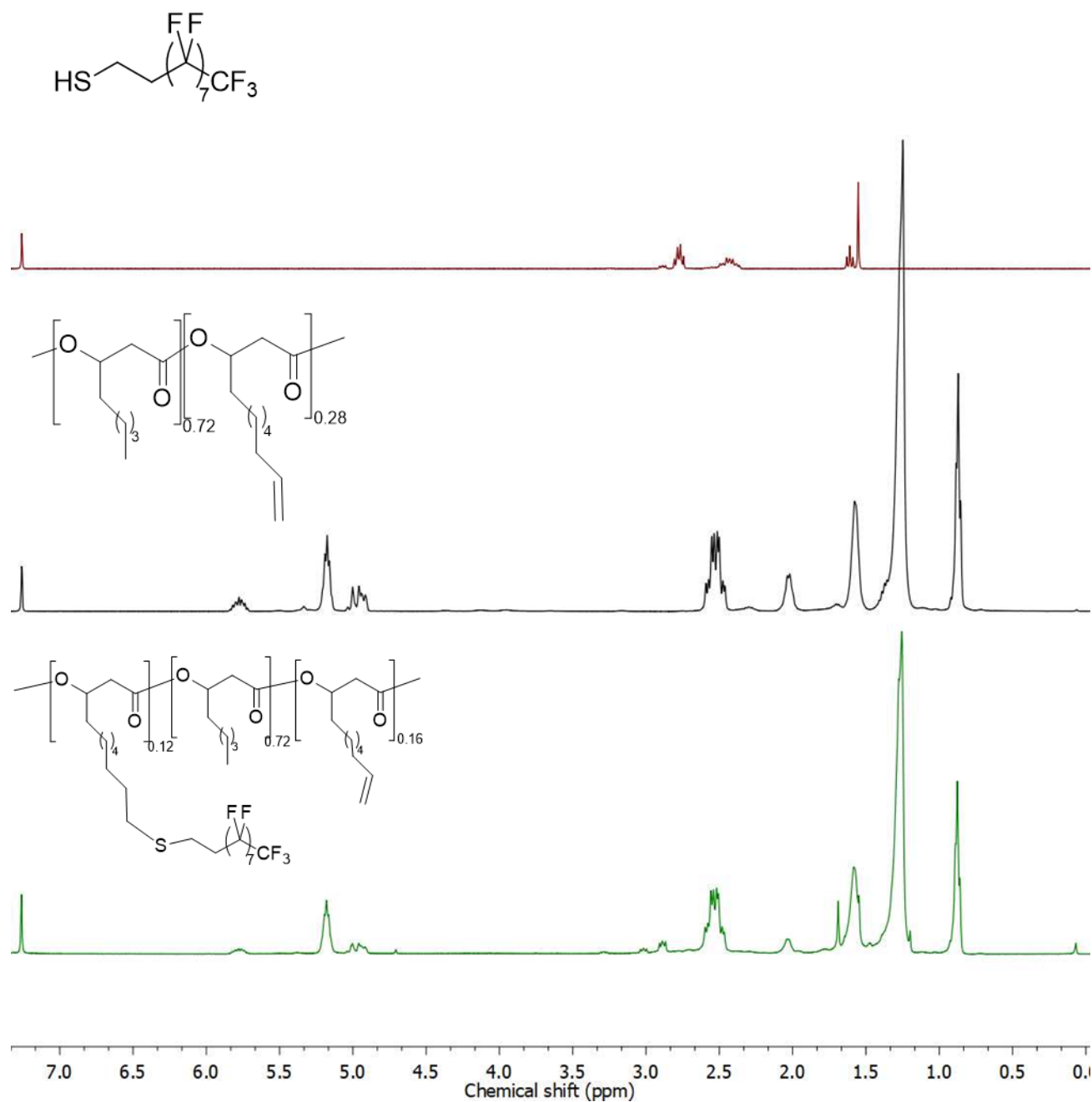
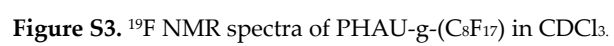
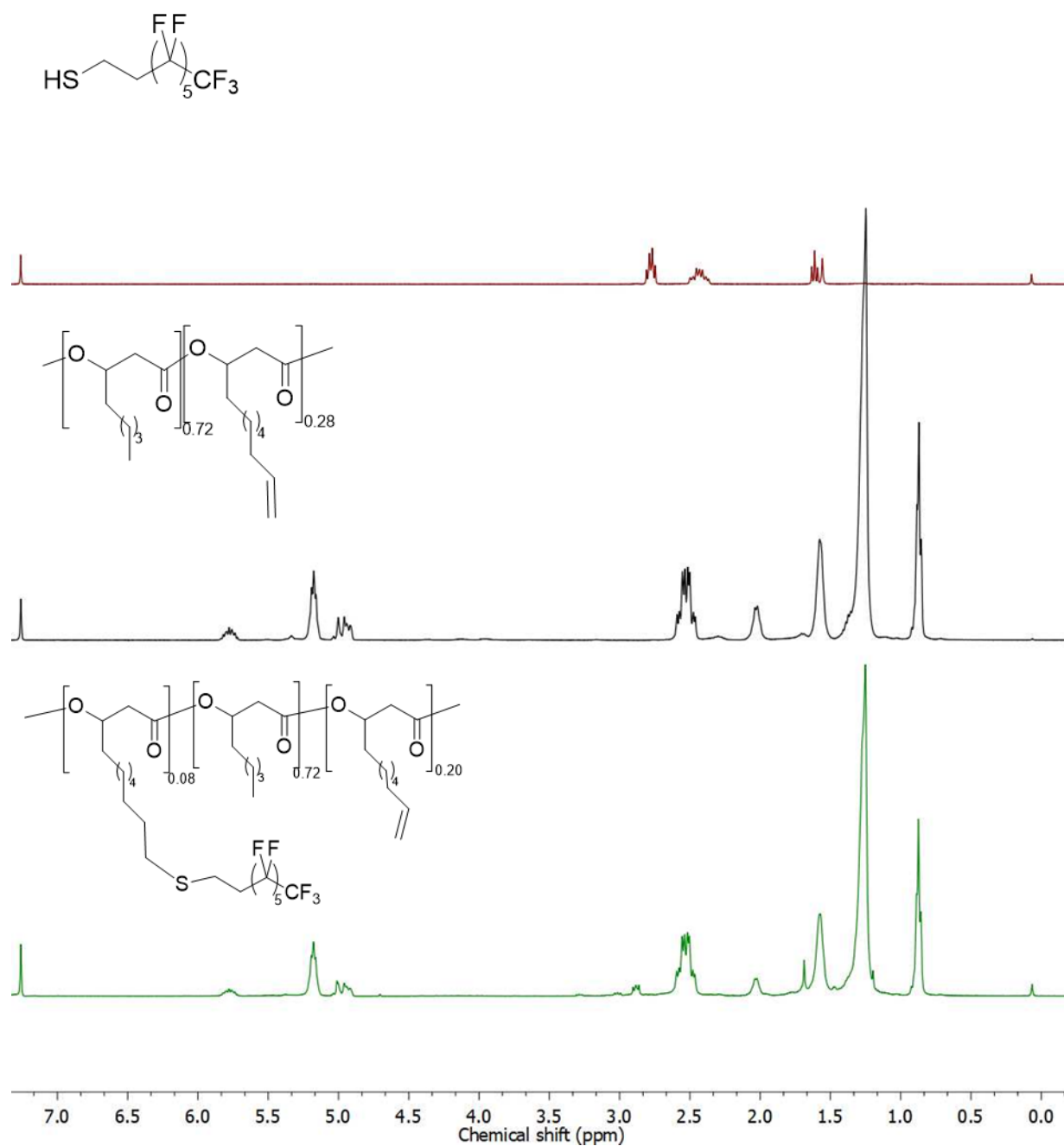


Figure S1. HSQC spectrum of PHAU in  $\text{CDCl}_3$ .

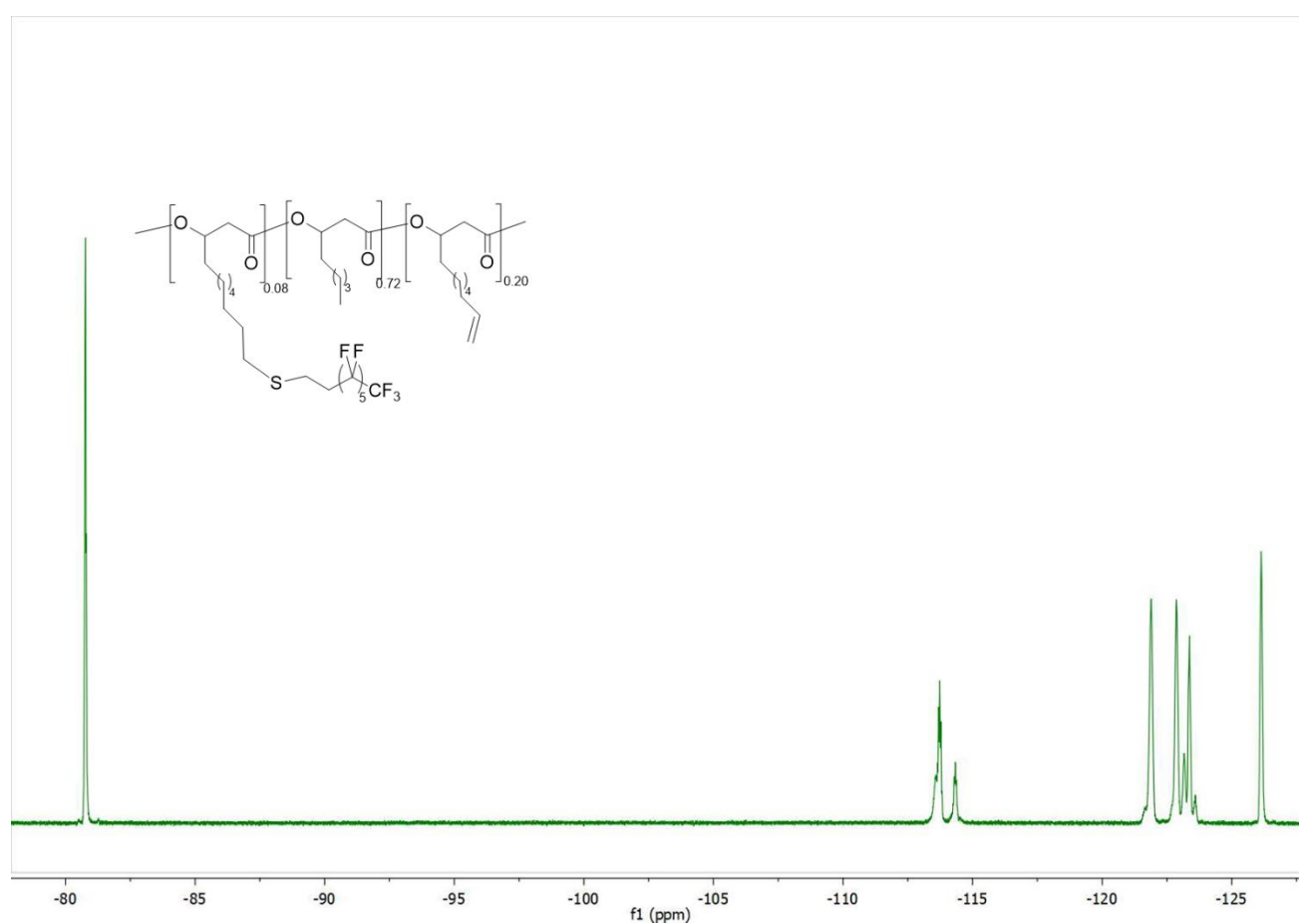


**Figure S2.**  $^1\text{H}$  NMR spectra of  $\text{C}_8\text{F}_{17}$  (red), PHAU (black), and PHAU-g-( $\text{C}_8\text{F}_{17}$ ) (green) in  $\text{CDCl}_3$ .

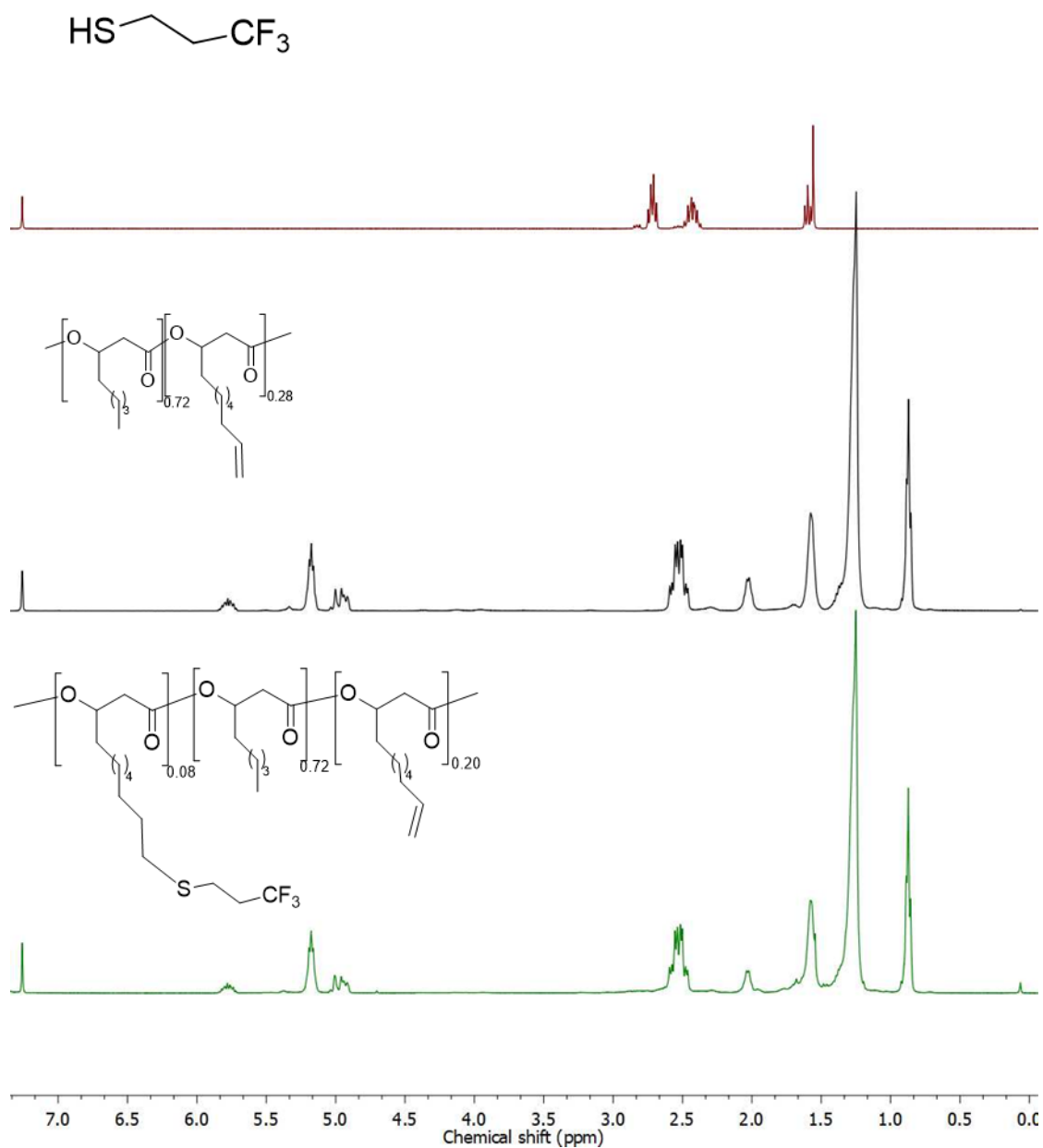




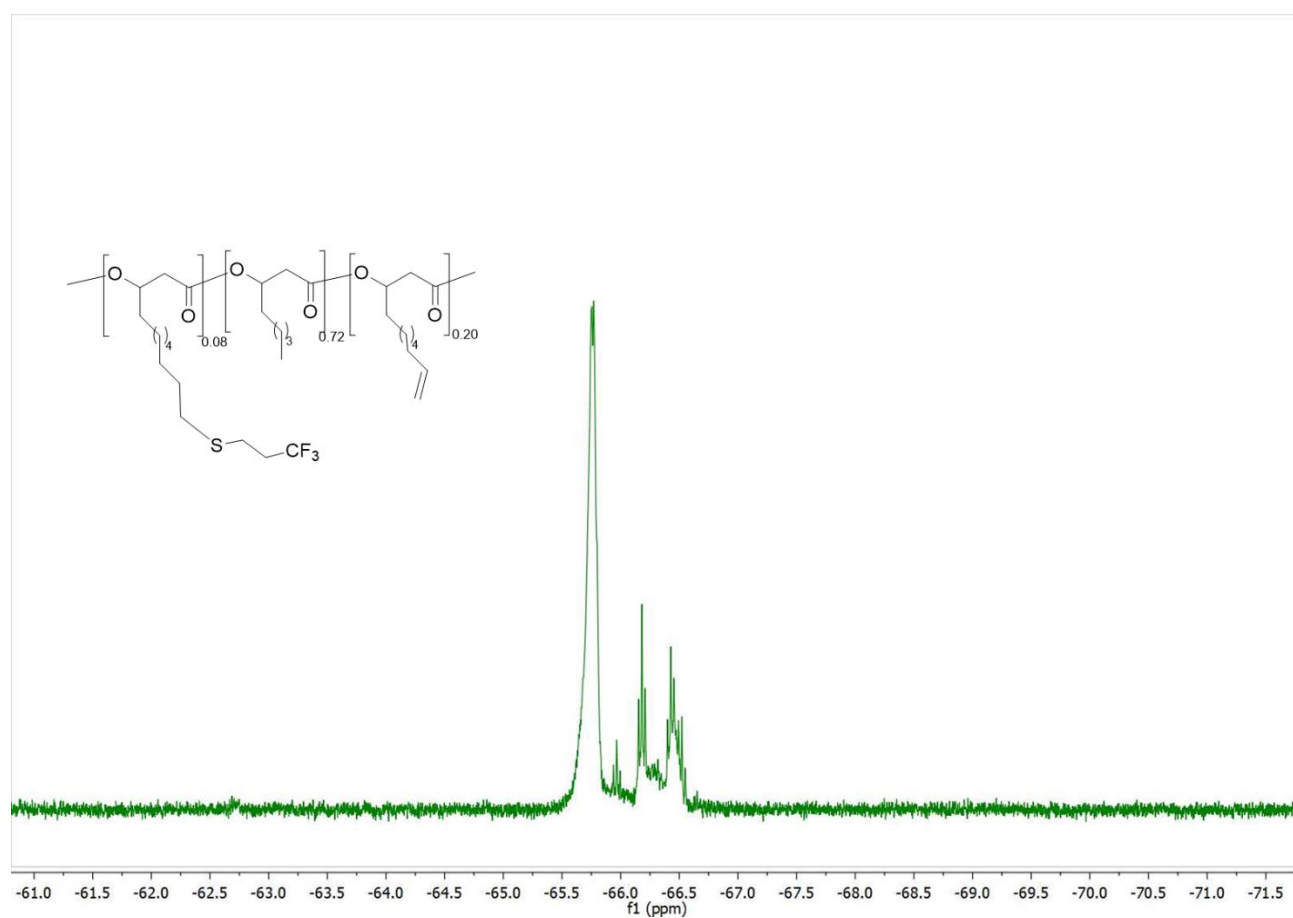
**Figure S4.**  $^1\text{H}$  NMR spectra of  $\text{C}_6\text{F}_{13}$  (red), PHAU (black), and PHAU-g- $(\text{C}_6\text{F}_{13})$  (green) in  $\text{CDCl}_3$ .



**Figure S5.**  $^{19}\text{F}$  NMR spectra of PHAU-g-( $\text{C}_6\text{F}_{13}$ ) in  $\text{CDCl}_3$ .



**Figure S6.**  $^1\text{H}$  NMR spectra of  $\text{CF}_3$  (red), PHAU (black), and PHAU-g-( $\text{CF}_3$ ) (green) in  $\text{CDCl}_3$ .



**Figure S7.**  $^{19}\text{F}$  NMR spectra of PHAU-g-( $\text{CF}_3$ ) in  $\text{CDCl}_3$ .