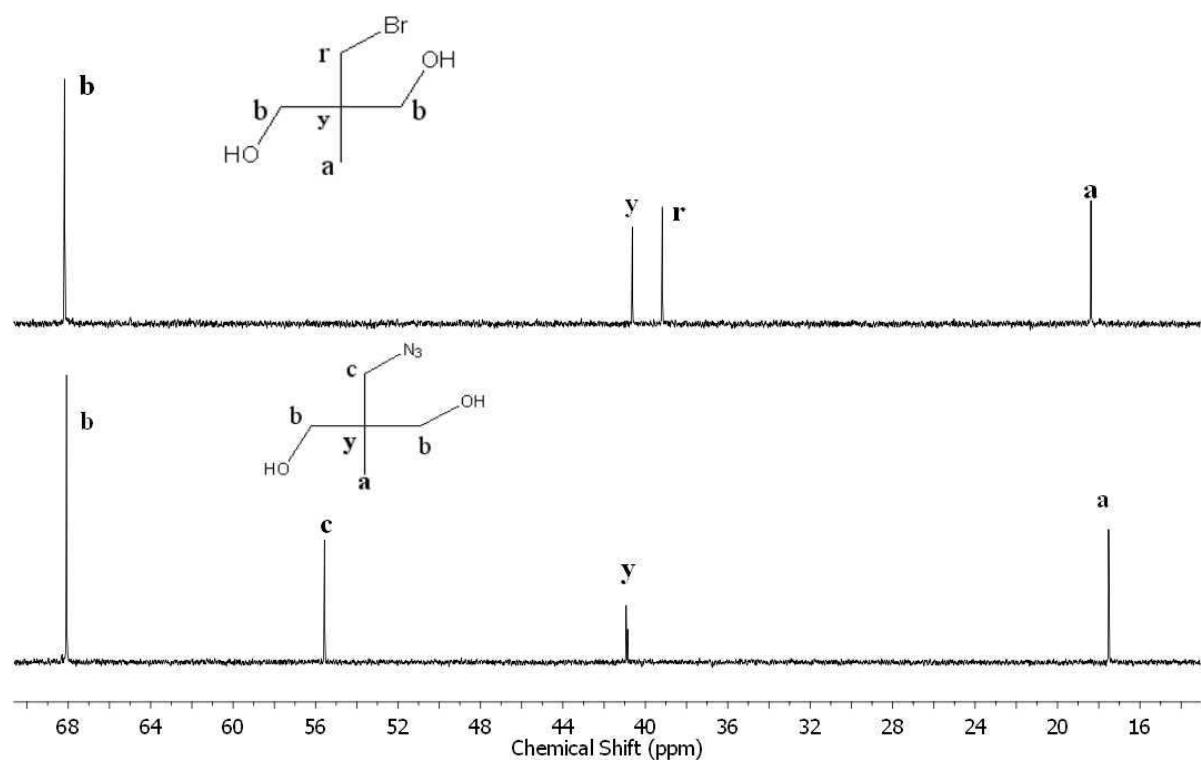
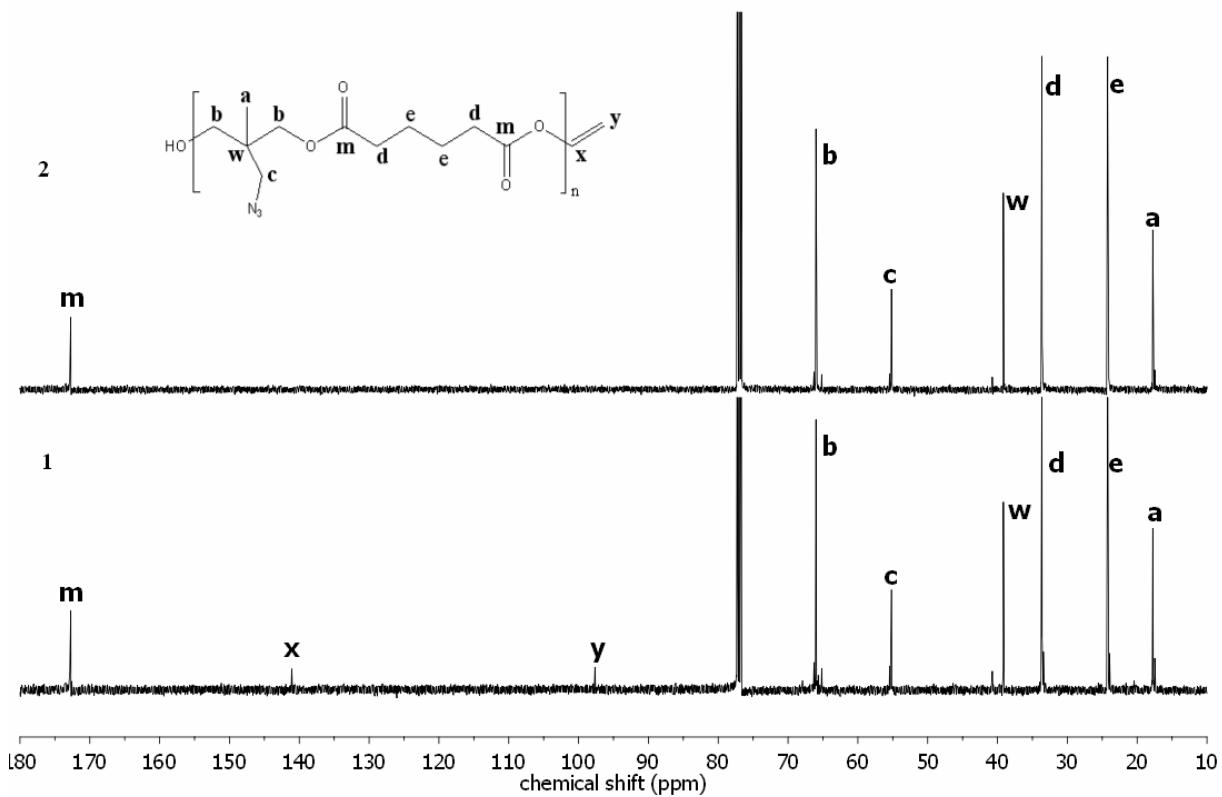


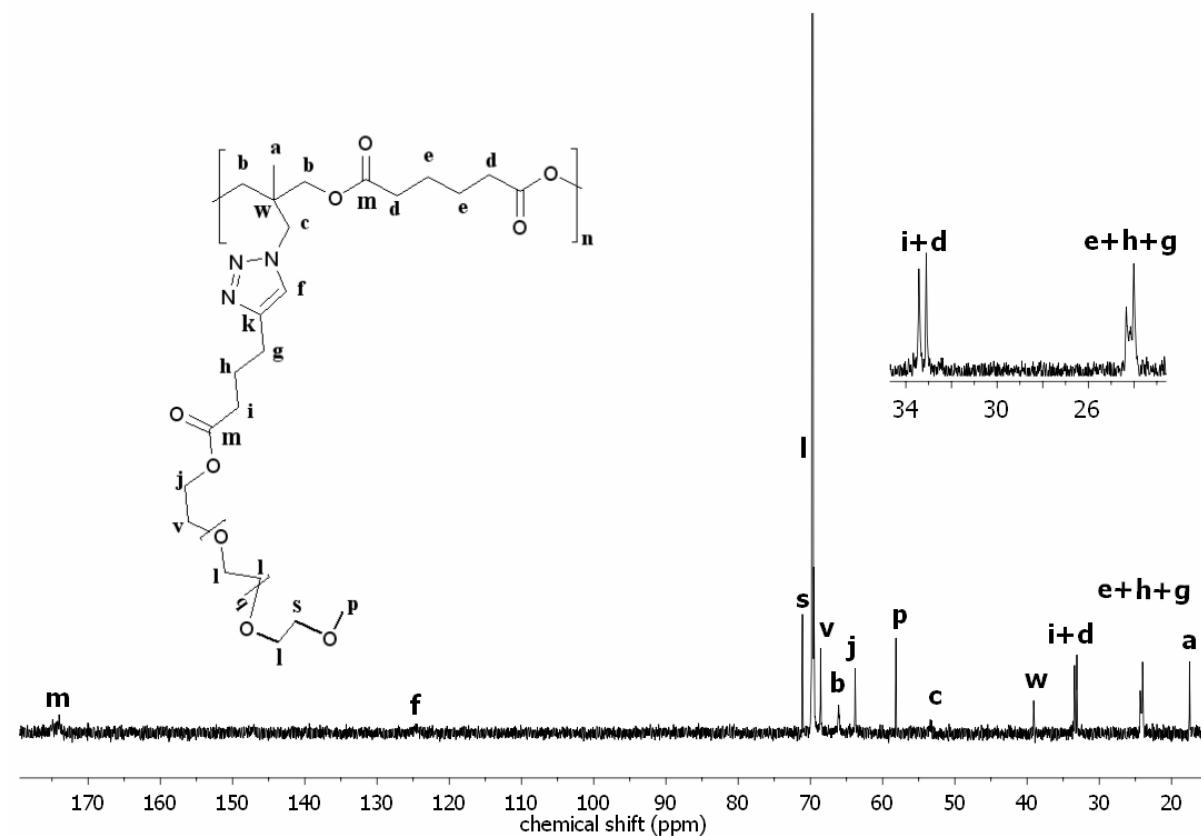
Supporting Information



Supplementary Figure 1: ^{13}C NMR spectra of 2-(bromomethyl)-2-methylpropane-1,3-diol and 2-(azidomethyl)-2-methylpropane-1,3-diol (AMD).



Supplementary Figure 2. ^{13}C NMR spectra of PAA in CDCl_3 polymerized for 20h (1, lower graph), and for 3 days (2, upper graph).



Supplementary Figure 3: ^{13}C NMR spectrum of PAA-g-PEO in D_2O .