

Supporting Information

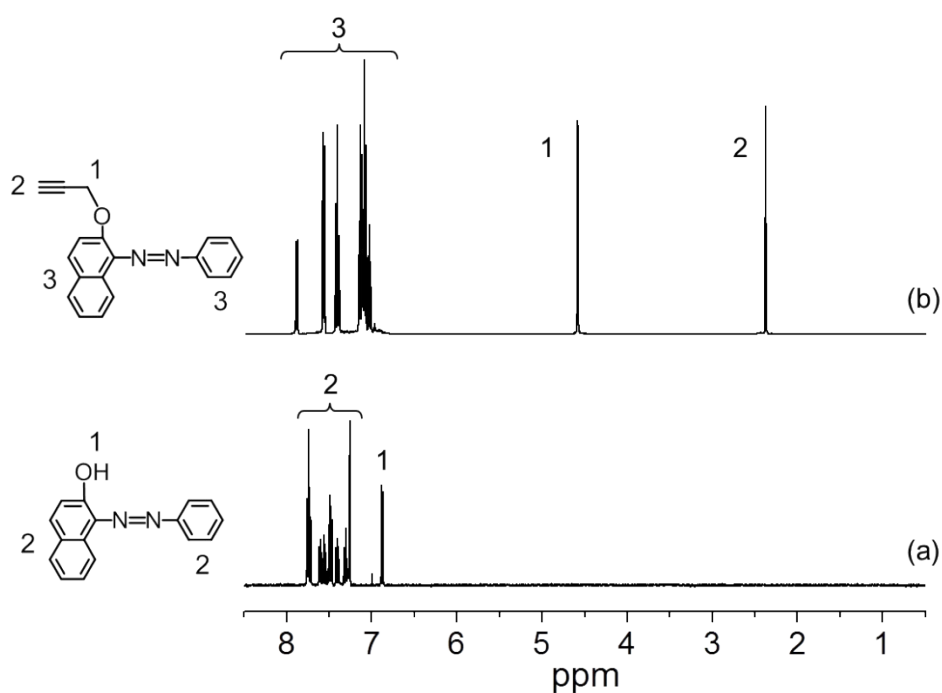
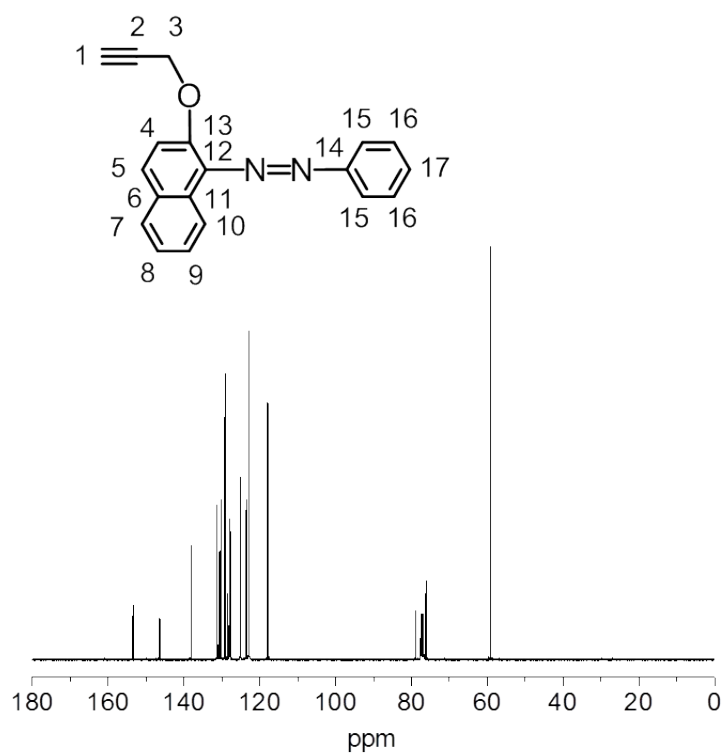


Fig S1 ¹H-NMR spectra of (a) 1-phenylazo-2-naphthol (oil orange) and (b) propargylized oil orange (PrO)



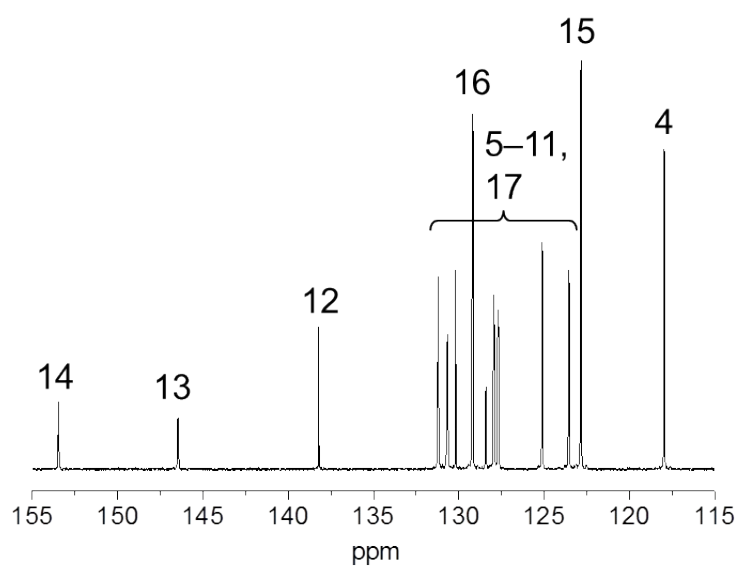
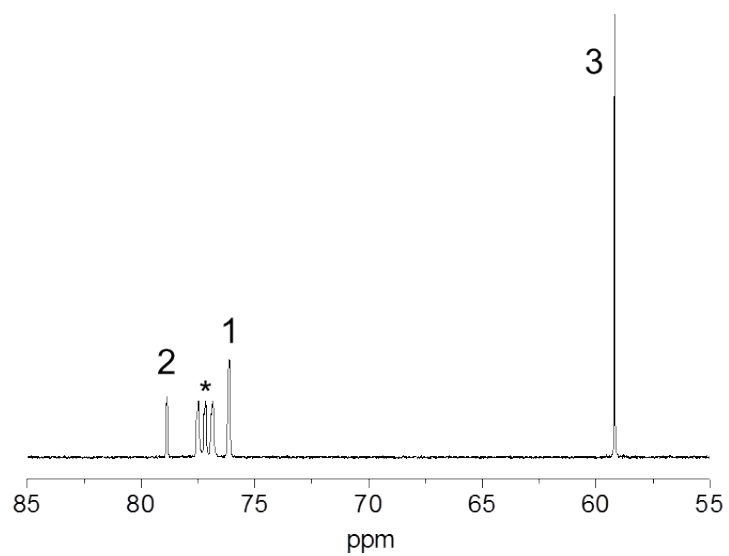


Fig S2 ¹³C-NMR spectrum of propargylized oil orange (PrO)

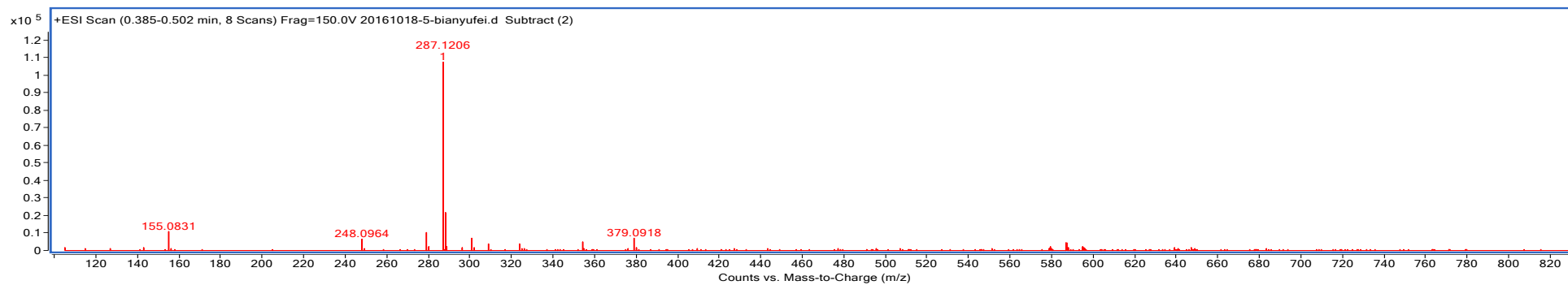


Fig S3 Mass spectrum of propargylized oil orange (PrO)

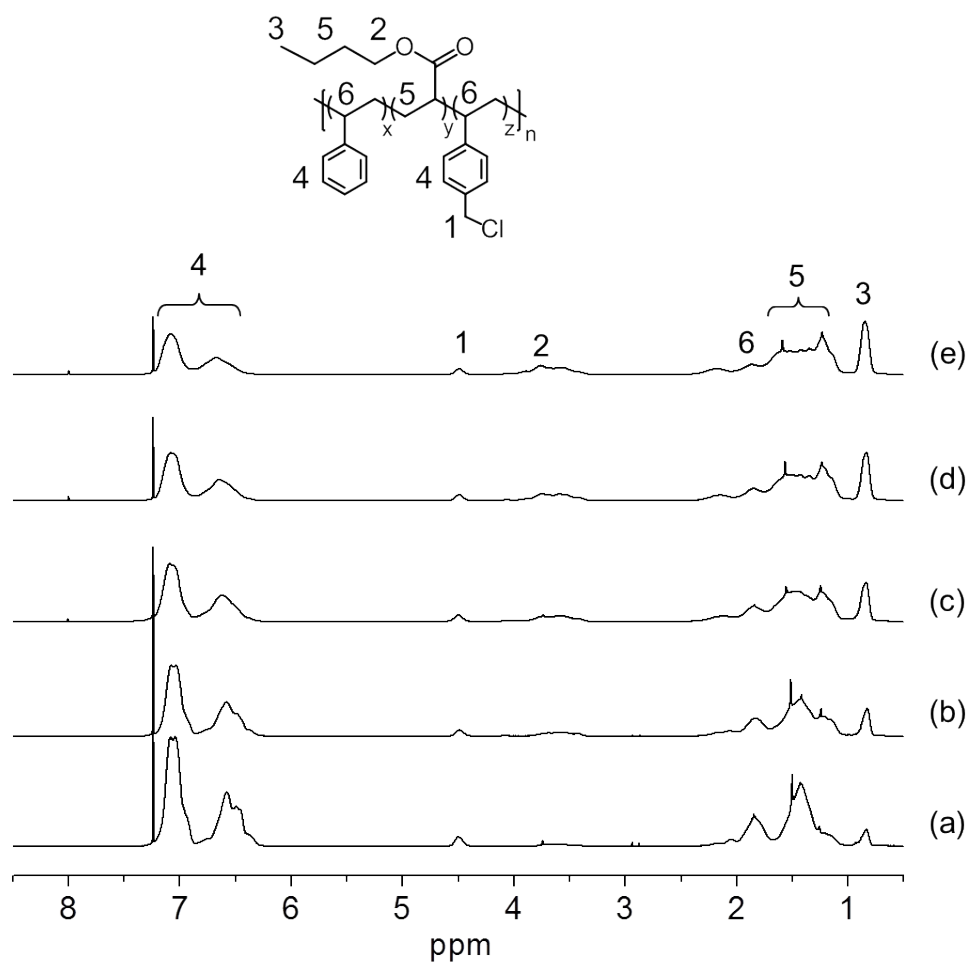


Fig S4 $^1\text{H-NMR}$ spectra of P(St-BA-CMS) terpolymers with St/BA/CMS feeding ratio (mol) of (a) 90/5/5 (run 1), (b) 80/15/5 (run 3), (c) 70/25/5 (run 5), (d) 60/35/5 (run 7), and (e) 50/45/5 (run 9) in Table 1

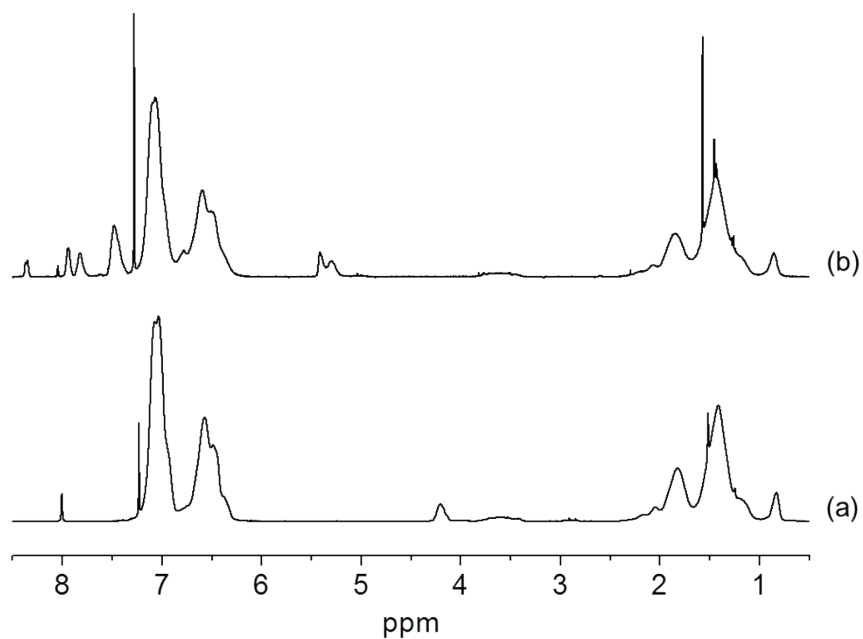


Fig S5 ¹H-NMR spectra of (a) PS-N₃ precursor and (b) PrO-functionalized styrene copolymer PS-O1 in Table 3

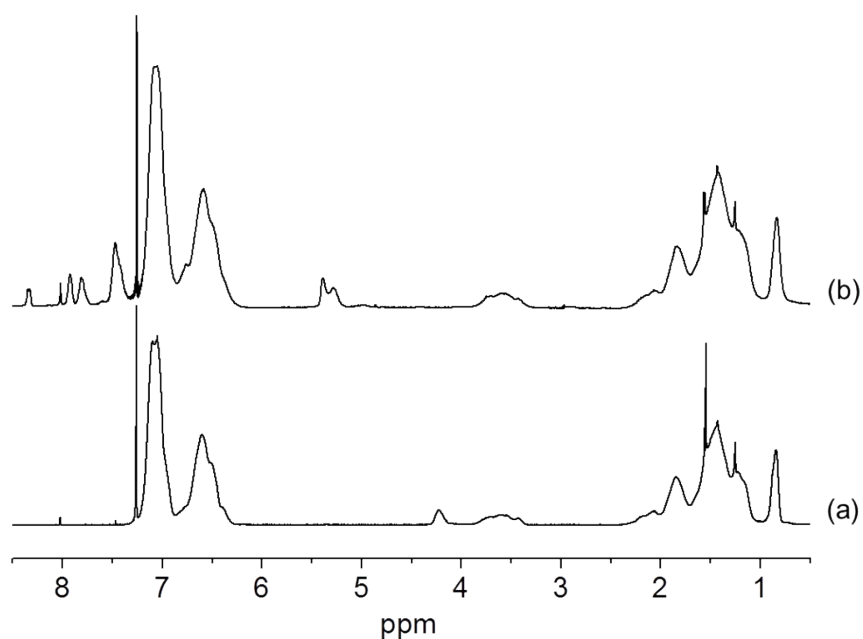


Fig S6 ¹H-NMR spectra of (a) PS-N₃ precursor and (b) PrO-functionalized styrene copolymer PS-O2 in Table 3

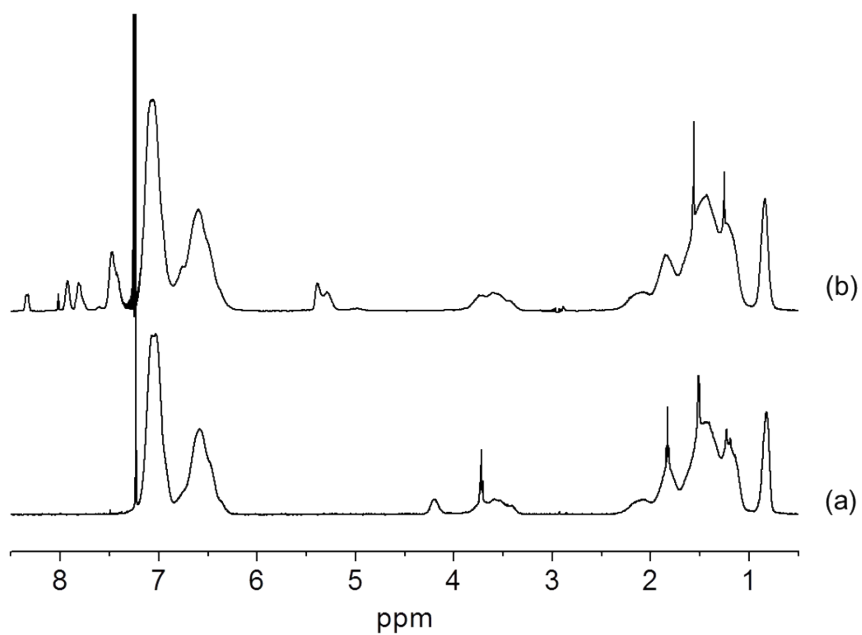


Fig S7 ¹H-NMR spectra of (a) PS-N₃ precursor and (b) PrO-functionalized styrene copolymer PS-O3 in Table 3

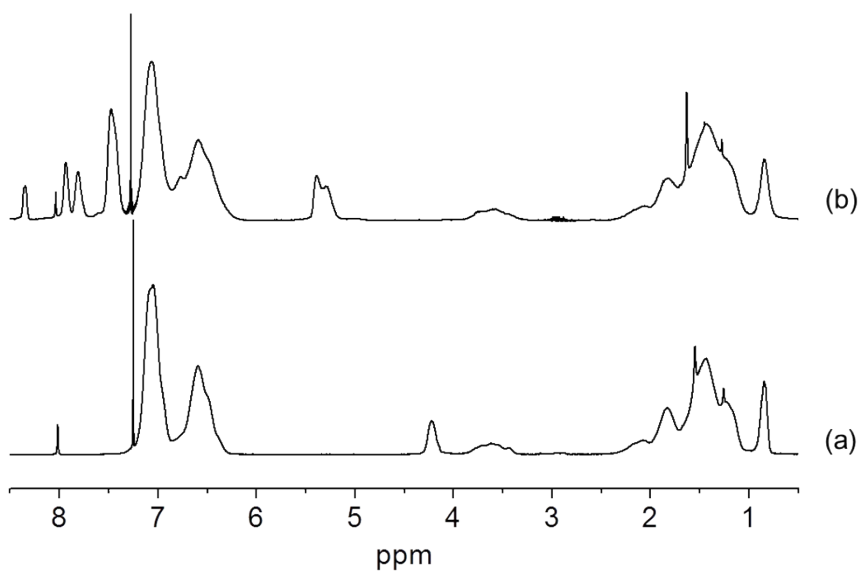


Fig S8 ¹H-NMR spectra of (a) PS-N₃ precursor and (b) PrO-functionalized styrene copolymer PS-O4 in Table 3

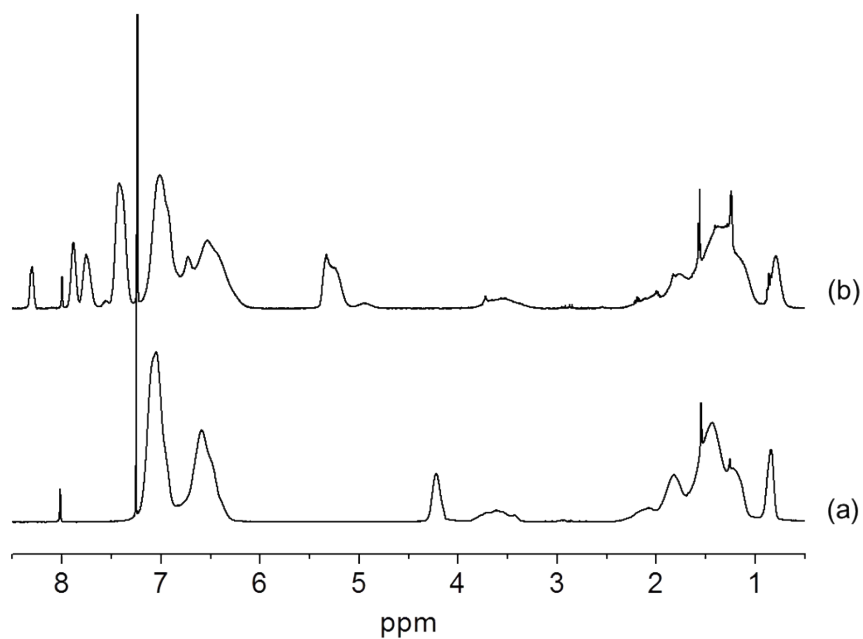


Fig S9 ¹H-NMR spectra of (a) PS-N₃ precursor and (b) PrO-functionalized styrene copolymer PS-O5 in Table 3

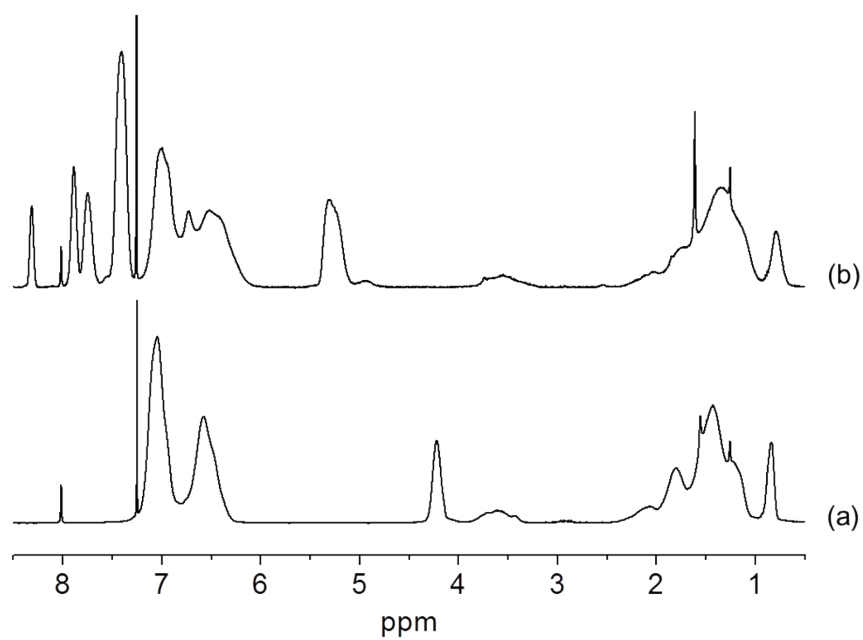


Fig S10 ¹H-NMR spectra of (a) PS-N₃ precursor and (b) PrO-functionalized styrene copolymer PS-O6 in Table 3