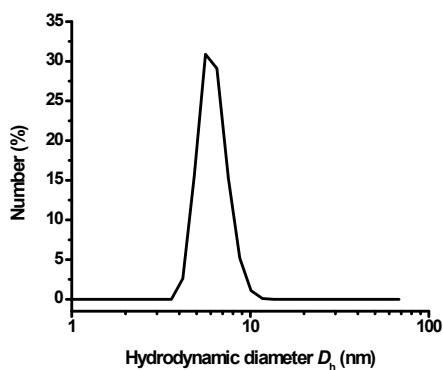
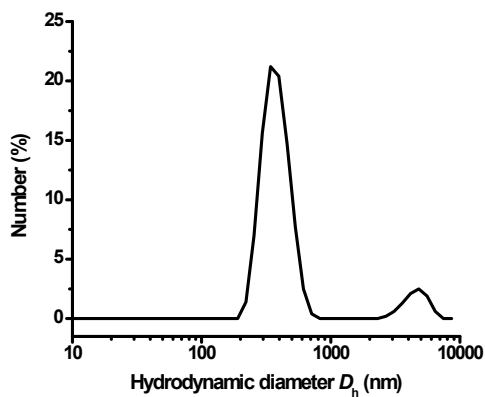


## Supporting Information



**Fig. S1** DLS of the polymer synthesized under conditions: solid content 10% w/v, 70 °C, 4 h, molar ratio of CTA:PEGMA2K:V-50 = 1:5:0.2, [PBS] = 0.15 M.



**Fig. S2** DLS of the polymer synthesized under conditions: solid content 10% w/v, 70 °C, 4 h, molar ratio of PEGMA2K : HDDMA : BMA : V-50 = 5:15:10:0.2, [PBS] = 0.15 M.