

Scheme S4. Diffuse reflectance FTIR spectra for (a) covalently linked carbonyl subsite, **GC|D_{poly}** (b) covalently linked monocyanide **GC|F_{copoly}** (c) covalently linked dicyanide **GC|H_{poly}** (d) ionically bound polymer subsite assembly **GC|H_{poly}**.

