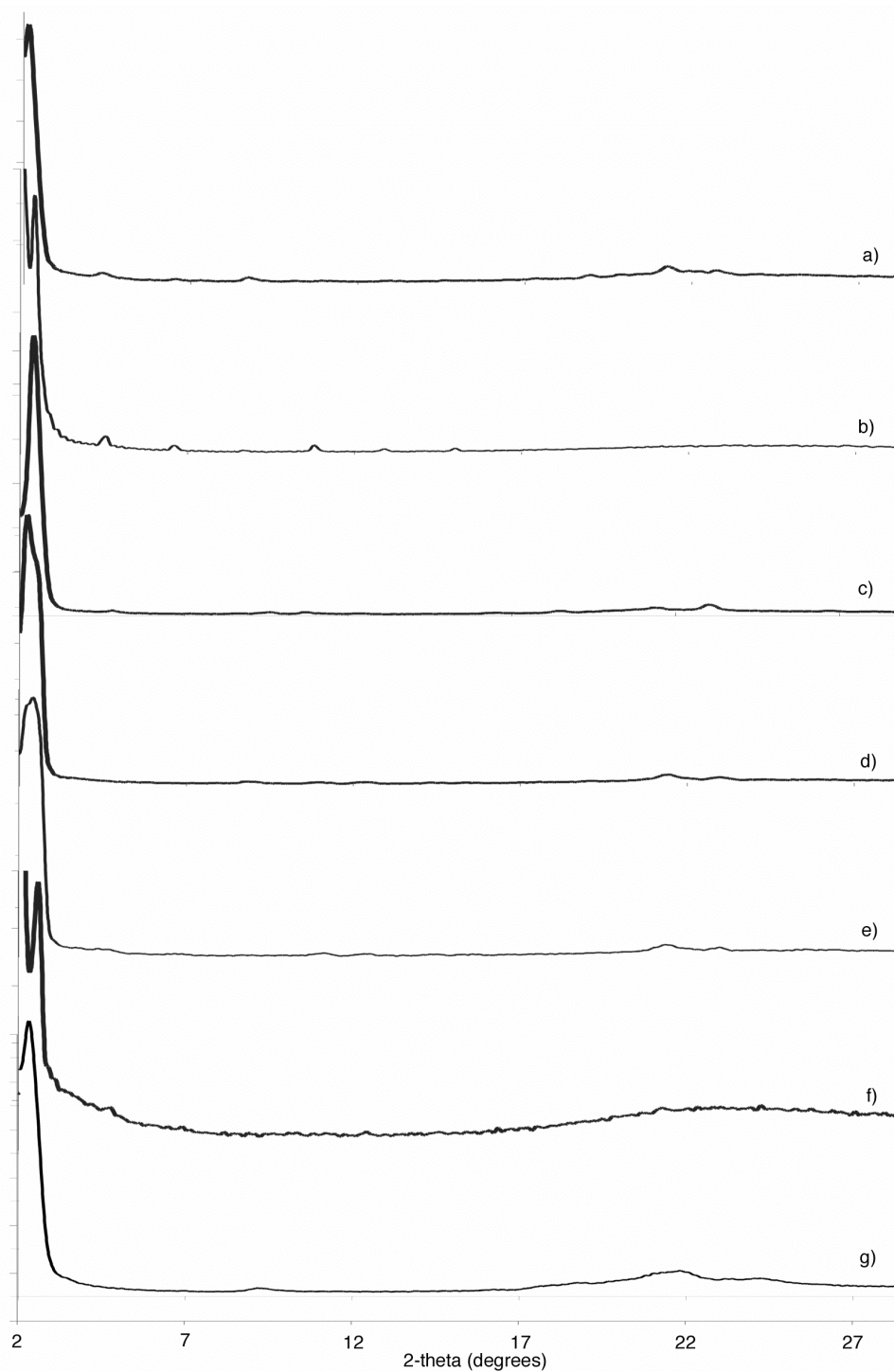


**Figure S.1** IR spectra of the fibrous precipitates of **1c** from Tris buffer in the presence of: a)  $\text{NH}_4^+$ , pH 7.6, b)  $\text{Na}^+$ , pH 8.8, c)  $\text{Na}^+$ , pH 7.6, d) organic solvents, e)  $\text{K}^+$ , pH 7.6, f)  $\text{Rb}^+$ , pH 7.6, g)  $\text{Cs}^+$ , pH 7.6. All samples were prepared as KBr pellets.



**Figure S.2** XRD patterns of the fibrous precipitates of **1c** formed in the presence of a)  $\text{NH}_4^+$ , pH 7.6, b)  $\text{Na}^+$ , pH 8.8, c)  $\text{Na}^+$ , pH 7.6, d)  $\text{K}^+$ , pH 7.6, e)  $\text{Rb}^+$ , pH 7.6, f)  $\text{Cs}^+$ , pH 7.6, g) and organic solvents (methanol/chloroform).