

Figure S1. Spectra from 300-700 nm of radical cation **4** from photoejection from the styrene in acetonitrile, reaction of **1** in acetonitrile, and reaction of **1** in 10% water in acetonitrile (v:v). Due to low sensitivity of the photomultiplier tube above 550 nm, the signal-to-noise ratio is increasingly poor at longer wavelengths.

