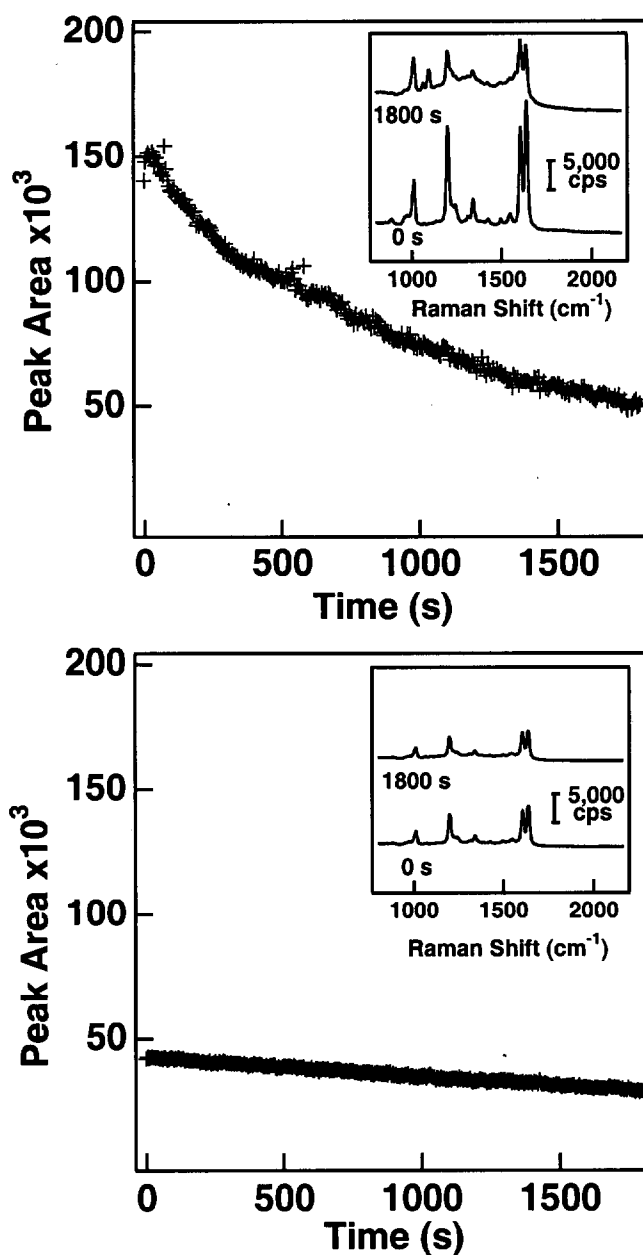
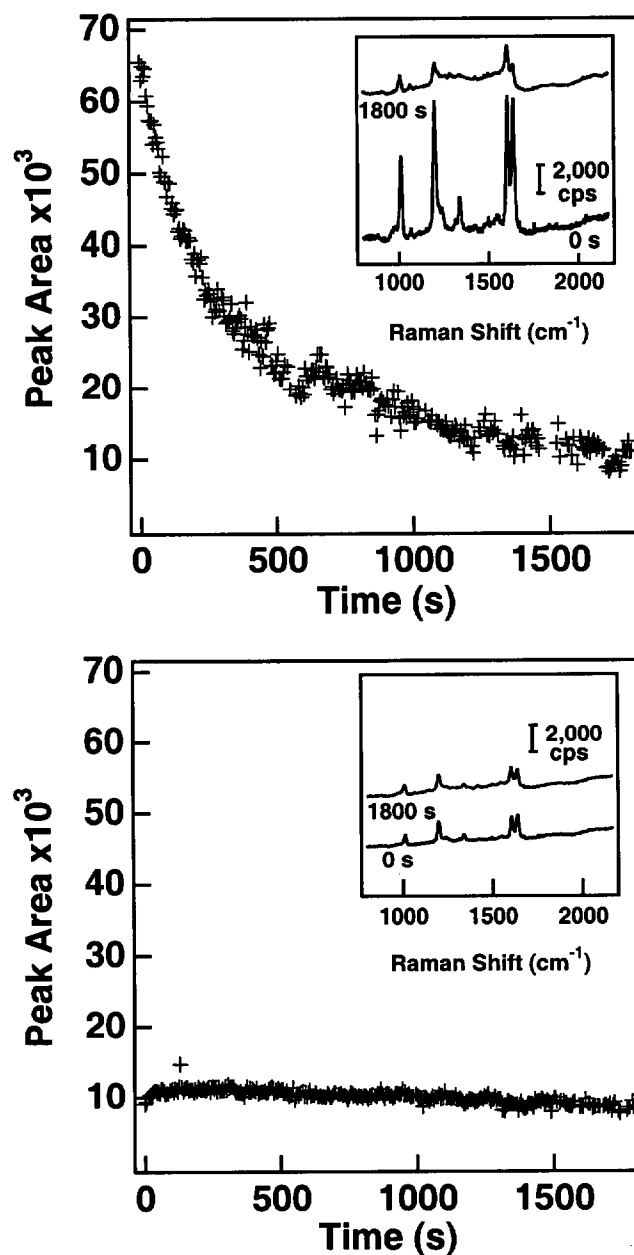
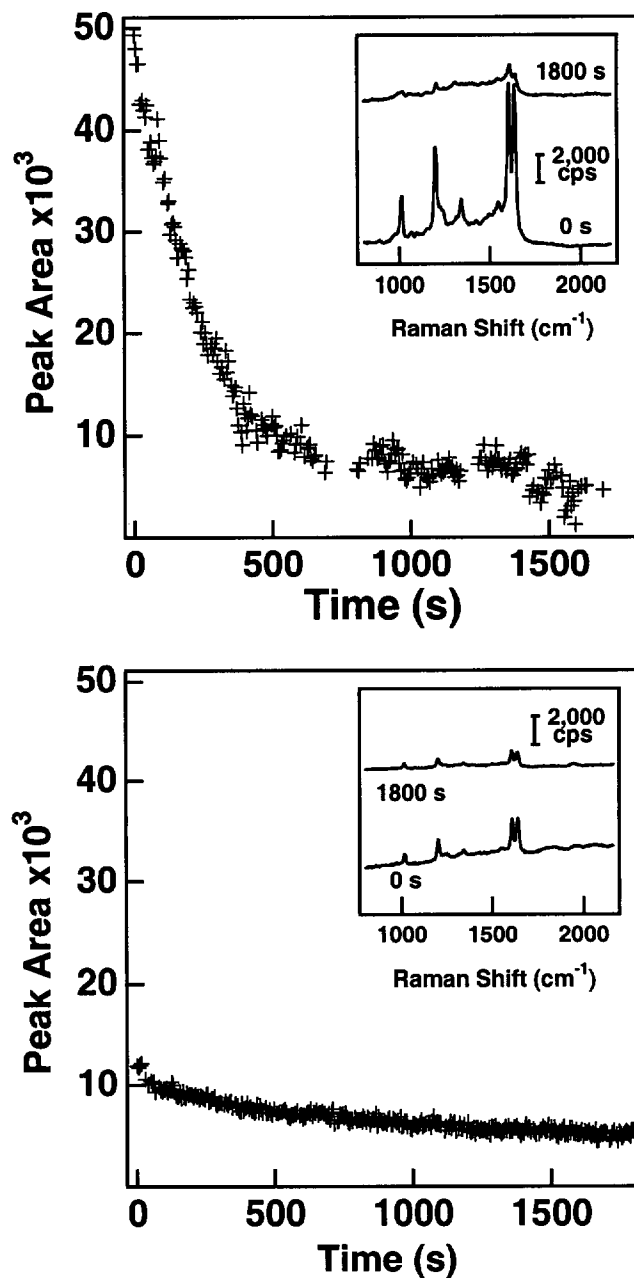




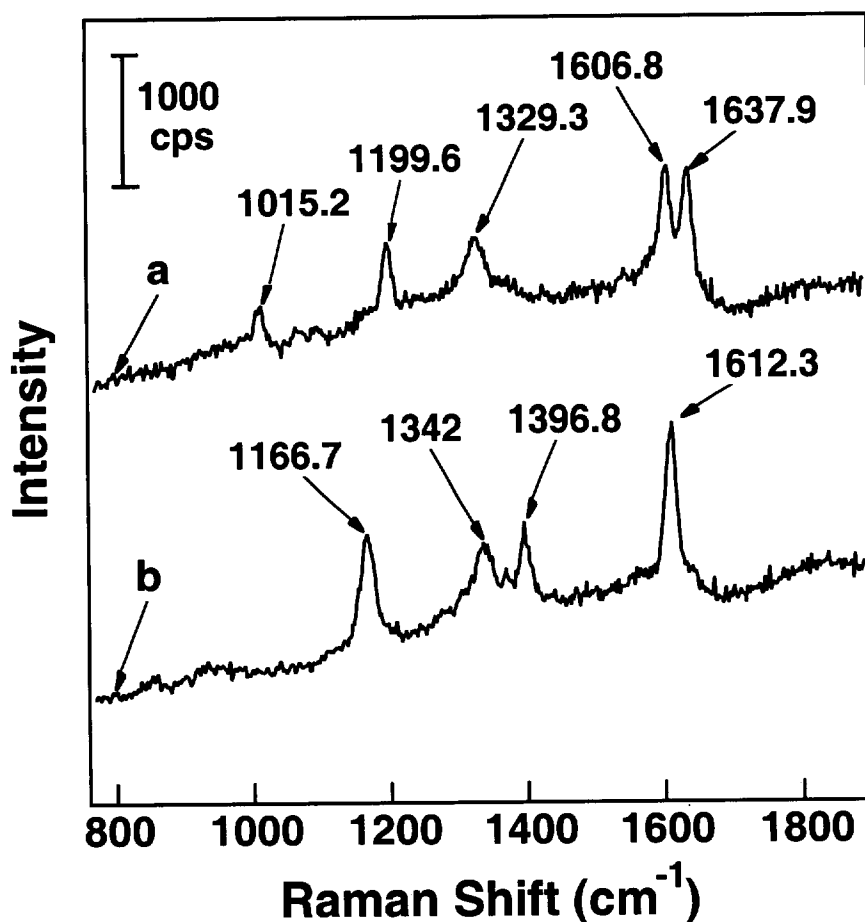
Supporting Figure 1. Normalized peak area for SERS response with 3-mm focal length (upper) or 8-mm focal length (lower) objectives versus time for drop-coated BPE on Au-LI Ag substrates. Acquisition parameters: 632.8-nm excitation; 20-mW power at the sample; integration range = 1170 cm⁻¹ to 1220 cm⁻¹; reference range = 1120 cm⁻¹ to 1170 cm⁻¹; integration time = 5 s, drop-coated with 2 μ L 10 mM BPE, drop size = 2 mm in diameter. Insets show complete SERS spectra at t = 0 and 1800 s.



Supporting Information Figure 2. Normalized SERS peak area using the objective with 3-mm (upper) and 8-mm (lower) focal length versus time for drop-coated BPE on colloidal Ag substrates. Acquisition parameters: 632.8 nm excitation; 20 mW at the sample; integration range = 1170 cm⁻¹ to 1220 cm⁻¹; integration time = 5 s with a 5-s delay; reference range = 1120 cm⁻¹ to 1170 cm⁻¹. Insets show complete SERS spectra at t = 0 and 1800 s.



Supporting Information Figure 3. Normalized SERS peak area using the objective with 3-mm (upper) and 8-mm (lower) focal length versus time for drop-coated BPE on sputtered Ag film substrates. Acquisition parameters same as Supporting information Figure 1. Insets show complete SERS spectra at $t = 0$ and 1800 s.



Supporting Information Figure 4. SERS spectra of CE-deposited BPE (a) and p-NDMA (b). Acquisition parameters: 50 μm i.d. capillary; separation potential = 15 kV; current = 40 μA ; injection time = 10 s; running buffer = 50 mM, pH 6.8 phosphate buffer; 632.8 nm excitation; 20 mW laser power at the sample; focal length = 3 mm; integration time = 5 s.