

Figure. S1 Raman spectrum of PE under excitation wavelength of 785 nm

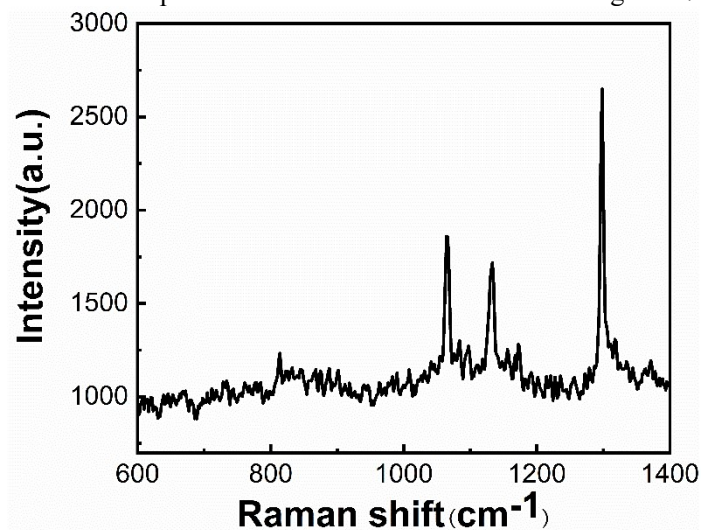


Figure. S2 Raman spectrum of PE under excitation wavelength of 532 nm

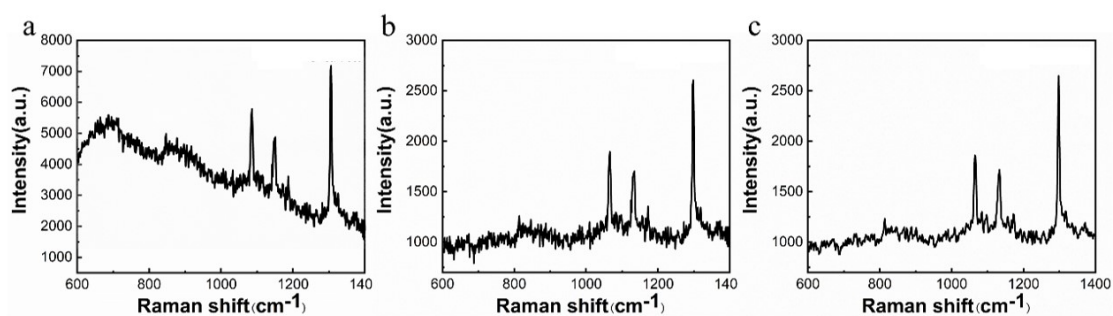


Figure. S3 The optimization results of the PE Raman spectra (a) original spectrum, (b) baseline-subtracted spectrum, and (c) smoothed spectrum

