



Supplementary Figure 1: Comparison of the averaged raw unprocessed Raman spectra (A, B) and the averaged fluorescence-subtracted non-normalized Raman spectra (C, D) in finger print (right) and high wavenumber (left) regions obtained from MDA-MB-468 breast cancer cells grown on aluminum foil (blue), stainless steel (red) and CaF₂ (black) substrates. Lightly shaded region in blue (aluminium), red (stainless steel) and black (CaF₂) in **A – D** denote the standard deviation for the averaged Raman spectra depicted for the corresponding substrates.