



Supplemental Figure 1. MALDI MS/MS for PGE₂ and PGE₂-G. Derivatized PGE₂ and PGE₂-G ions were subjected to collisionally activated dissociation in a linear ion trap in order to determine the optimal transitions for SRM analysis. The fragments chosen for MS² of PGE₂ and PGE₂-G were m/z = 389.3 and 463.3 (indicated by *), respectively. These signals were chosen because they were unique and gave the largest intensity which allowed for accurate quantification and good sensitivity. Full scan and MS² spectra for PGE₂-d₄ were also acquired (data not shown) and showed similar intensity and fragmentation as PGE₂.