Supporting Information for:

Multistage Mass Spectrometry of Phospholipids using Collision-Induced Dissociation (CID) and Metastable Atom-Activated Dissociation (MAD)

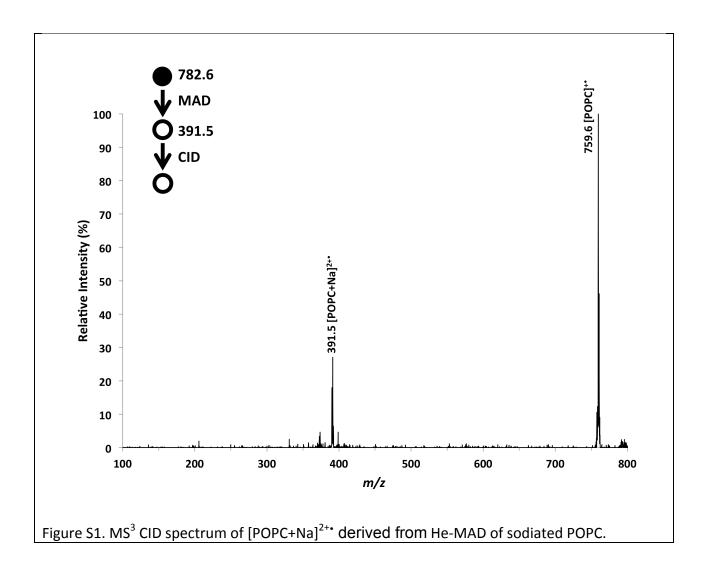
Pengfei Li¹, William D. Hoffmann², Glen P. Jackson^{1,2}

Collisional activation of ${\rm [POPC+Na]}^{2+\bullet}$ at m/z 391.5 at MS 3 level is shown in Figure S1.

Collisional activation of [POPC+H]^{2+•} at m/z 380.2 at MS³ level is shown in Figure S2.

¹C. Eugene Bennett Department of Chemistry, West Virginia University, Morgantown, WV 26506, USA

²Department of Forensic and Investigative Science, West Virginia University, Morgantown, WV 26506, USA



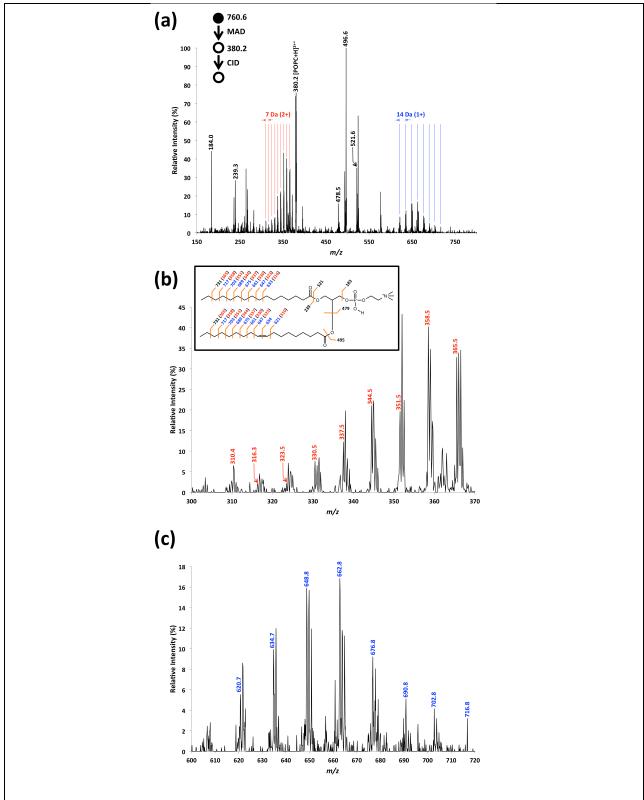


Figure S2. MS^3 CID spectrum of $[POPC+H]^{2+\bullet}$ derived from He-MAD of protonated POPC is shown in panel (a). M/z ranges of interest are magnified and shown in panel (b) and (c).