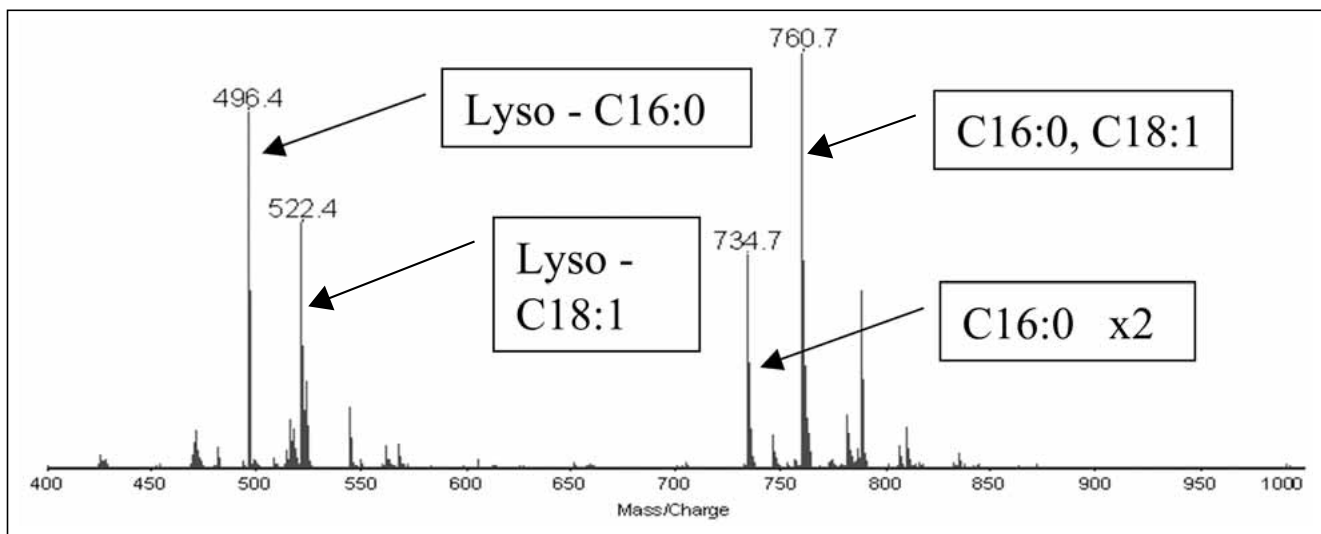
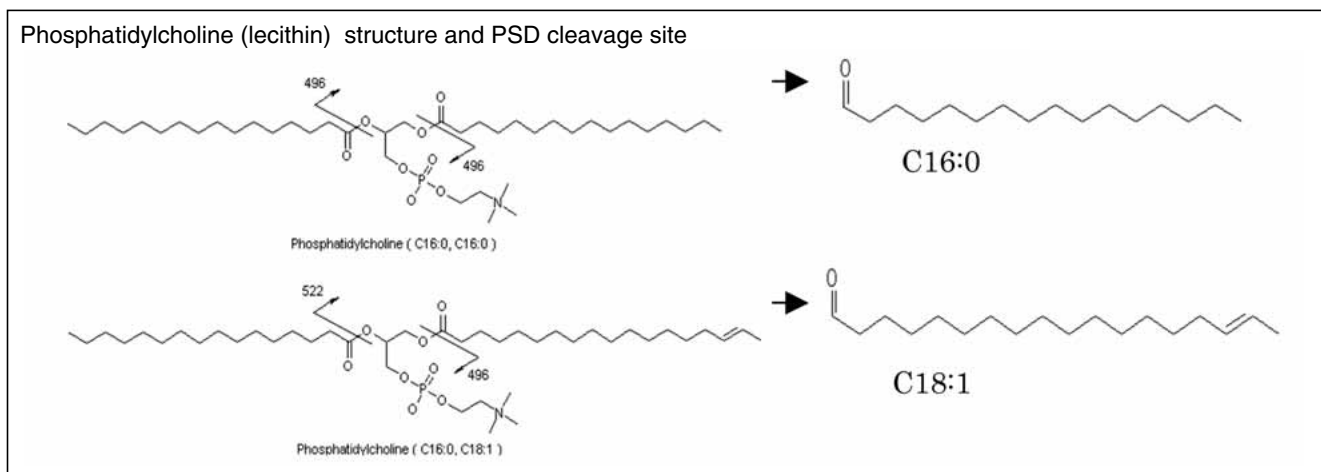


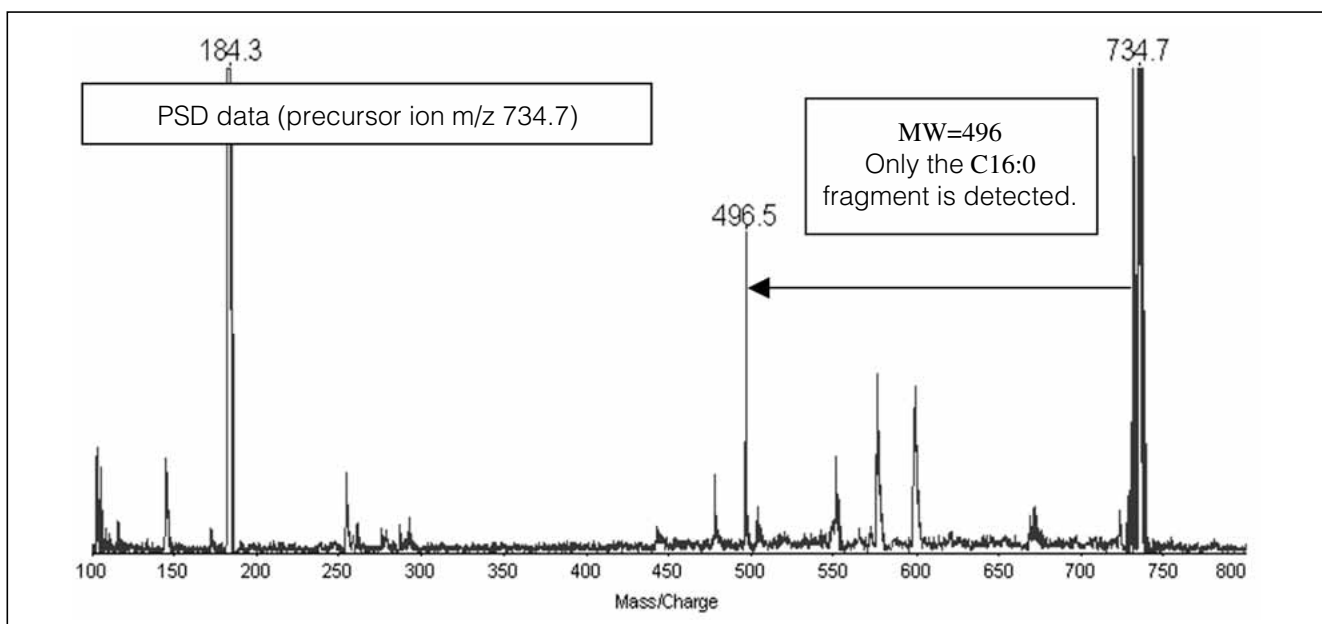
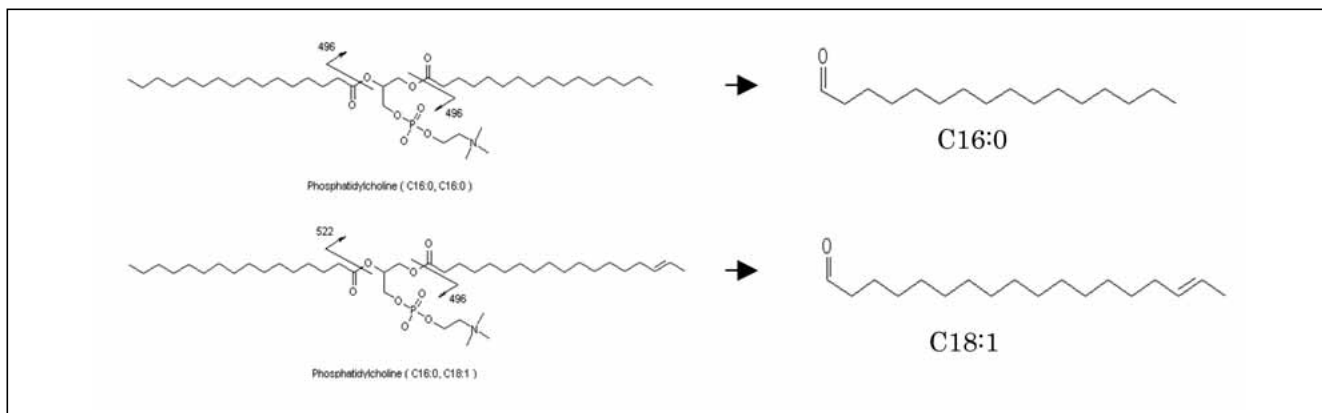
Identification of Phosphatidylcholine (Lecithin) using Seamless PSD Analysis

Lipids extracted from rat brain by the Bligh and Dyer method were separated by thin layer chromatography (TLC), and fractions containing high concentrations of phosphatidylcholine (lecithin) were analyzed using AXIMA-CFR. When performing MS/MS analysis of the 2 different forms of the lecithin molecule by PSD, lysolecithins corresponding to the loss of 1 fatty acid from each lecithin were identified. AXIMA with its 'one-shot' MS/MS function wastes no time in this type of analysis.

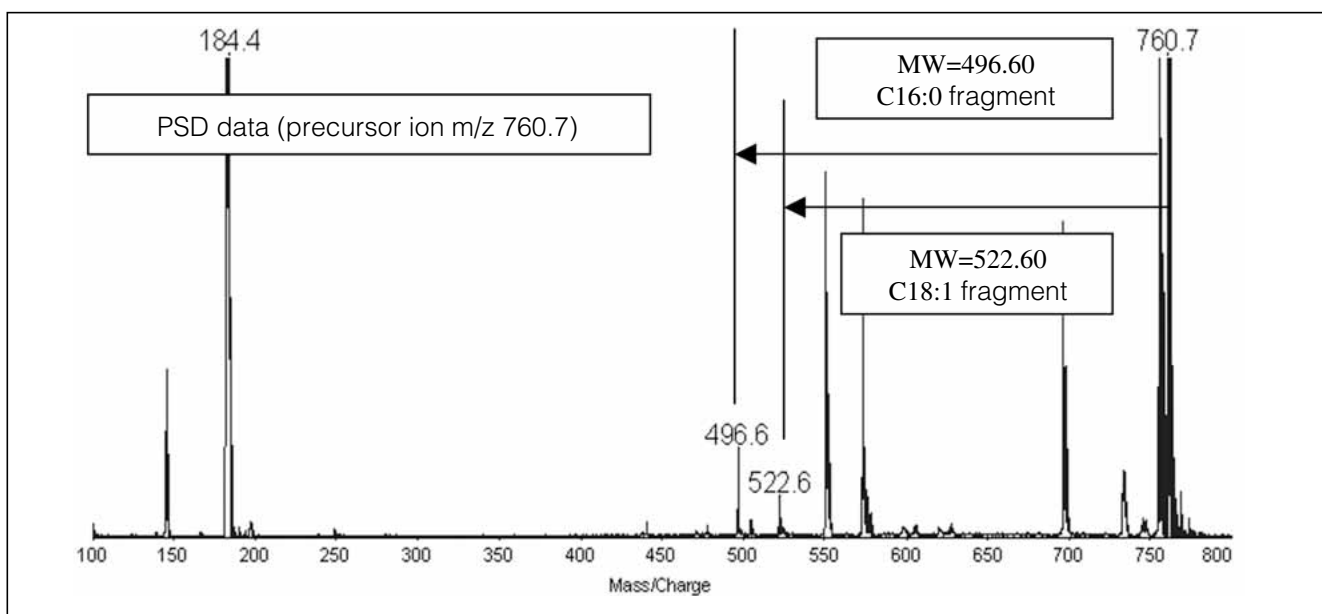
Sample provided by : Takashi IZUMI, M.D., Ph.D.; Gunma University Faculty of Medicine, Department of Biochemistry.



MALDI-TOFMS (AXIMA-CFR) Spectrum



MALDI-TOFMS (AXIMA-CFR) Spectrum



MALDI-TOFMS (AXIMA-CFR) Spectrum