



## Expert Organic Mass Spectrometry Service

### Mass Spectrometry Equipment-

Thermo Finnigan LCQ Advantage mass spectrometer

Quadrupole Ion Trap Analyzer

Ionization methods:

Atmospheric Pressure Chemical Ionization (APCI)

Electrospray Ionization (ESI)

Levels of analysis:

Chromatographic separation (retention time, peak area percentage for purify)

Mass analysis (molecular weight)

Two-stage mass analysis (MS-MS)

Wideband activation

ZoomScan analysis

Mass Range: 150 – 2,000 daltons

Resolution: To 0.1 daltons

### General Operating Procedure-

Ryss will prepare the customers' samples using its standard procedures. Spectral data will be provided with mass measurement. Data will be faxed to customers. Originals will be sent via regular mail.

We strive for next day turn around time service (within 24 hours after receipt of sample).

### Sample Quantity Requirement-

0.1 mg minimum. Samples may be provided to Ryss in appropriate containers with identifications.

### Fees-

Standard mass measurement \$30 per sample

LC/MS on std. TFA/Acetonitrile HPLC run \$120 per sample

### Expert Analysis and Consulting-

Ryss provides Liquid Chromatography/Mass Spectrometry (LC/MS and LC/MS/MS) and Gas Chromatography/Mass Spectrometry (GC/MS) method development and testing services for identification of metabolites, impurities, residues, trace compounds and other molecules.

*We welcome you to contact us to discuss about this expert service. [info@ryss.com](mailto:info@ryss.com) or 510 477-9570.*