BU CIC MS Rates

<table>
<thead>
<tr>
<th>Service</th>
<th>non-BU Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submission</td>
<td></td>
</tr>
<tr>
<td>ESI LR</td>
<td>$35</td>
</tr>
<tr>
<td>ESI HR</td>
<td>$50</td>
</tr>
<tr>
<td>ESI LC/MS LR</td>
<td>$50</td>
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<tr>
<td>GC-MS LR</td>
<td>$15</td>
</tr>
<tr>
<td>MALDI</td>
<td>$50</td>
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<tr>
<td>Open Access</td>
<td>BU Rate</td>
</tr>
<tr>
<td>OA LR</td>
<td>$21 / hr</td>
</tr>
<tr>
<td>OA LC/MS</td>
<td>$21 / hr</td>
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<tr>
<td>OA GC-MS</td>
<td>$3</td>
</tr>
<tr>
<td>OA MALDI</td>
<td>$21 / hr</td>
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</tbody>
</table>

Note: all rates are per sample unless otherwise noted and typical turn-around time is up to 5 business days

ESI: Electrospray Ionization
LC/MS: Liquid Chromatography Mass Spectrometry
GC-MS: Gas Chromatography Mass Spectrometry
MALDI: Matrix Assisted Laser Desorption Ionization
LR: Low Resolution (1 decimal place)
HR: High Resolution (4 decimal places)

More Instrumentation

Planned
- New MALDI
- New Ion Trap
- New LC/MS/MS
- UPLC
- Triple Quad
- GC-MS TOF
- Preparative LC

Mass Spectrometry

We Welcome All Members of the BU Community and Beyond
MS Instrumentation

**CIC houses five mass spectrometers**
- Agilent 1100 LC/MSD VL
- Agilent 1100 LC/MSD SL
- Agilent 6890N GC-MS
- Shimadzu Axima-CFR MALDI TOF
- Waters Q-Tof API-US

Two types of services are offered: Open Access and Submission. Open Access is granted upon completion of training for BU users only.

Submission service is available on all of our instruments to both BU and non-BU users. Please contact us for details.

**OPEN ACCESS**

**Agilent LC/MSD VL**
The LC/MSD VL is a single-quad low res (to 1 decimal) instrument capable of operating in ESI+- modes up to 1500 m/z. Method types available are flow injection analysis (FIA - no column) and liquid chromatography (LC - C18 column) mass spectrometry. Solvents are Water and Acetonitrile spiked with 0.1% formic acid.

**Agilent Ion Trap LC/MSD SL**
The LC/MSD SL is an ion trap instrument equipped with ESI+- and APCI+- ionization sources. It is undergoing an upgrade. Please stay tuned.

**Agilent 6890N GC-MSD**
The GC-MSD a gas chromatography mass spectrometry instrument with an EI source and MS detector up to 800 m/z. It has a 100-vial capacity sampler tray.

**Shimadzu Axima-CFR MALDI TOF**
The Matrix Assisted Laser Desorption Ionization (MALDI) time of flight (TOF) system is capable both in positive and negative modes up to 100,000 m/z. It can be operated in linear and reflectron modes. This instrument is suited for small molecules, polymers, peptides and proteins with appropriate matrices.

**Waters QTof API US**
The QTof is a quadrupole - time of flight hybrid high resolution (4 decimal places) tandem accurate mass system capable of in both positive and negative modes up to 8,000 m/z. This instrument is only available for submission and please consult with QTof sample submission guidelines before submitting samples to us. Tandem MS/MS is also available. Please contact CIC if you would like to invite us to participate in your project.

**Chemical Instrumentation Center Mass Spectrometry**

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