Mass spectrometry facility-Sample Submission Form

(Use separate form for each sample)

450 Chevron Science center, Department of Chemistry,
University of Pittsburgh, Pittsburgh, PA 15260

File Number (for facility use)			
Name		Advisor	
Email			
Sample ID			
Account No:			
Room Number		Date Submitted	
Phone No.		/ /2015	

SAMPLE LOCATION

- Samples should be submitted as **neat oils or solids** only in 1 dram vials.
- Approximately 1 mg of the sample is sufficient.
- Label the vial on the **top ½** of the area to make the sample visible.

Analysis Needed

O Nominal Mass /LRMS spectrum (Peaks in integer value)

O Fragmentation pattern or MS/MS spectrum (For structural elucidation), provide the mass _____

O HRMS/Accurate mass for elemental composition determination (Error in Mass (mDa)/PPM).

- O Publication (Example: Error 3mDa for JOC, 5PPM for OL); Journal Name/requirement: _____
- O Dissertation
- O Other _____

Preferred Ion Source (choose one)

O Use appropriate ionization method needed

O Electron Ionization: For volatile, low molecular weight compounds

O Electrospray Ionization: For polar, non-volatile high m.w compounds

O APCI/ASAP: For non-polar and low molecular weight compounds

O MALDI: For high M.Wt compounds like Peptides, Proteins, Polymers etc.

O LCMS O GCMS

Solubility (Must Provide for any analysis)

O CH_2Cl_2 O MeOH O Water O ACN O Other_____

Sample State: O Solid O Liquid O Oil

Special Handling: O Air Sensitive O Hazardous O Light Sensitive

Purity checked by: O NMR O TLC O GC O LC O Other __

Sample back: O Yes O No

Molecular Formula:

Mono Isotopic Nominal Mass:

Proposed Structure:

Below For Facility Use Only

File Name					
Date					
Analyzed by					
Representative Masses					
Comments					