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

Name		Advisor	
Email			
Sample ID			
Account No:			
Room Number		Date Submitted	
Phone No.		/ /2017	

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

Special Instructions:

Molecular Formula:

Mono Isotopic Nominal Mass:

Proposed Structure:

Below For Facility Use Only

File Name					
Date					
Analyzed by					
Representative Masses					
Temp, Solvents used, mobile phase used etc.					