Purdue University Campus-wide Mass Spectrometry Center
Analysis Request Form
Biochemistry – BCHM 215
Chemistry – WTHR 150
MCMP – RHPH 318

Name _____ Date _____ Sample Name _____

Department _____ Room # _____ Phone # _____

Email _____ Research Director _____

Account # _____

Molecular Formula _____ Molecular Weight _____

Circle if Cancer Center Member

Location of Sample if not Attached here _____

Structures (Starting Material, Reagents, Products):

INDICATE ALL CHOICES APPLICABLE TO YOUR SAMPLE:

Solvent: Acetone, CH_2Cl_2, Acetonitrile, Chloroform, Methanol, Water, Other _____

Sample form: Solid, mp_____°C Liquid, bp _____°C _____ mm Oil/Emulsion _____

Precautions: Thermally unstable, Light-sensitive, Air-sensitive, Toxic, Corrosive

Strong Oxidizer, Other (i.e. solvent incompatibilities) _____

INDICATE ANALYSIS TO BE PERFORMED:

LOW RESOLUTION (Circle Technique)

CI EI ESI

MALDI ICP

HIGH RESOLUTION (attach low resolution spectrum)

Technique _____

m/z to peak match _____

GC/MS

Column and Conditions _____

_____

LC/MS

Column, Mobile Phase UV _____

Results: LOW RESOLUTION

HIGH RESOLUTION

Reference	Calculated Mass	Actual Mass

DATE RUN _____ OPERATOR _____ HOURS _____ TECHNIQUE _____

Questions - Contact Karl V. Wood (kvw@purdue.edu)