

Date Submitted \_\_\_\_\_

Date Run \_\_\_\_\_

## High Resolution (**Exact Mass**) TOF Mass Spec Request Form

This technique is **NOT** appropriate for determining sample purity. The obtained results give **NO** indication of the purity of your sample. Sample submissions are expected to be isolated compounds.

Submit samples to 1001 Hahn Hall South (9 am - 4:30 pm)

ALL OTHER TIMES submit at 006 Hahn Hall South (NMR Lab)

- Sample Name clearly labeled on vial - NO LONG SAMPLE NAMES
- Solution **Submissions**
  - Frit Filtered - No solid matter!
  - Concentration - 0.01 to 0.05mg per 1ml (Use dilutions!)
- Solid Submissions - **Weighed Amount (mg)**

**ALL FIELDS BELOW MUST BE COMPLETED!**

### General Information

Name \_\_\_\_\_ Email \_\_\_\_\_ Phone \_\_\_\_\_

Research Group \_\_\_\_\_ Account#: \_\_\_\_\_

### Sample Information

Sample Name (Must Match Vial) \_\_\_\_\_

Possible Empirical Formula(s) (ION of interest ONLY) \_\_\_\_\_

Expected Molecular Weight(s) \_\_\_\_\_

**Solubility** \_\_\_\_\_ Toxic? \_\_\_\_\_

Purity? \_\_\_\_\_

1. High degree of certainty (previously acquired NMR data, etc)
  - 1) Strong Likelihood
  - 2) Uncertain
  - 3) No idea - Need MS data to identify unknown compound

Desired Ionization (You must PICK ONE - How do you expect your sample to ionize?) ESI (+) ESI (-) APCI (+) APCI (-)

Other Notes: \_\_\_\_\_

Print the completed document and submit **along with**

**PRINTED structures on an attached page**

File Name \_\_\_\_\_

Tray Location \_\_\_\_\_