

# Flux GUI - v0.9

## Requirements:

This graphical user interface is written for Microsoft Windows™ Platforms (XP or higher) and requires the .NET Framework version 4.0 Client. Additionally it requires the *FluxY* toolset to be installed, for instructions on installing the *FluxY* toolset please see “*FluxY - An Overview.pdf*”.

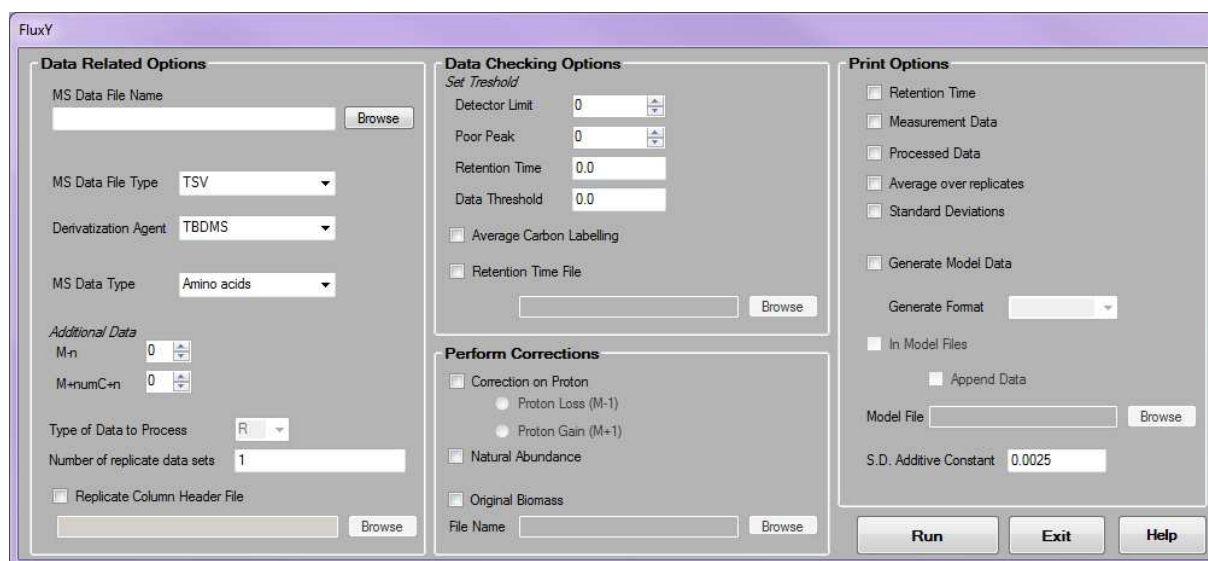
## Getting Started:

To get started copy the program *FluxY.exe* to the same directory as the *FluxY* toolset, in particular it must be in the same directory as the program *correctMS.pl*.

Optionally a shortcut to this program can be placed on your desktop.

1. Select *FluxY.exe* and copy the program.
2. Right click anywhere on the desktop.
3. From the menu select “*Paste shortcut*”.

To start the program double click on the program icon (or the shortcut icon). The GUI will start and appear similar to the image below:



The GUI needs to create the configuration file required by *FluxY*. Detailed information on the configuration data can be found by clicking the **Help button**. To run the program you require at least one additional data file, containing MS measurement data. The rest of the fields are used to provide information on the measurement data and to select the processing options. For certain options additional data files<sup>1</sup> may be

---

<sup>1</sup> If these data files are not located in the same directory as the measurement data, they are first copied to that directory.

given. Specifically these files are to provide the experiment names, the retention time data, the original biomass data and a  $^{13}\text{C}$ -MFA model file. To run the main program:

1. Browse for the MS Data File.
2. Select all options and additional files as desired.
3. Click the **Run button**.
4. When finished, a notification windows opens to indicate if the processing was successful, and to provide any feedback generated by the program.

When run, a configuration file is generated in the same directory as the MS measurement data.

To exit the program, click the **Exit button**.

### **Limitations:**

Currently the GUI only supports selecting a single MS measurement data file and a single  $^{13}\text{C}$ -MFA model file.