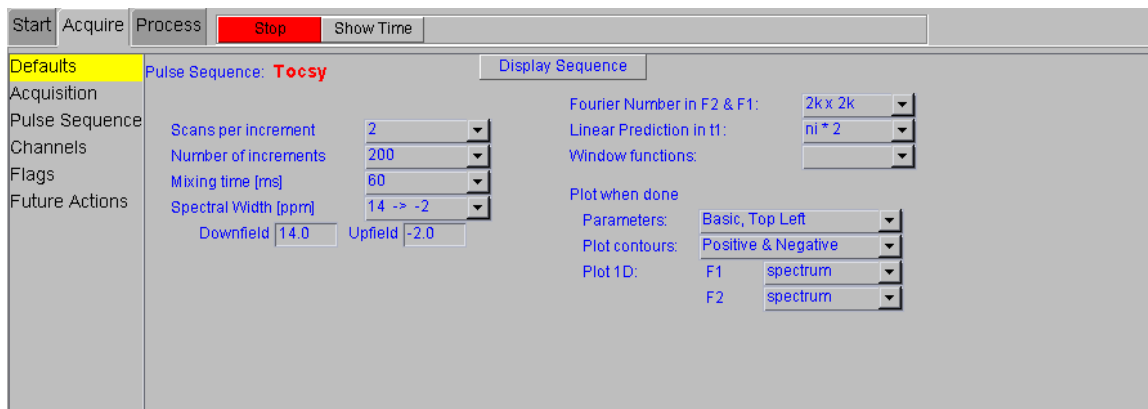
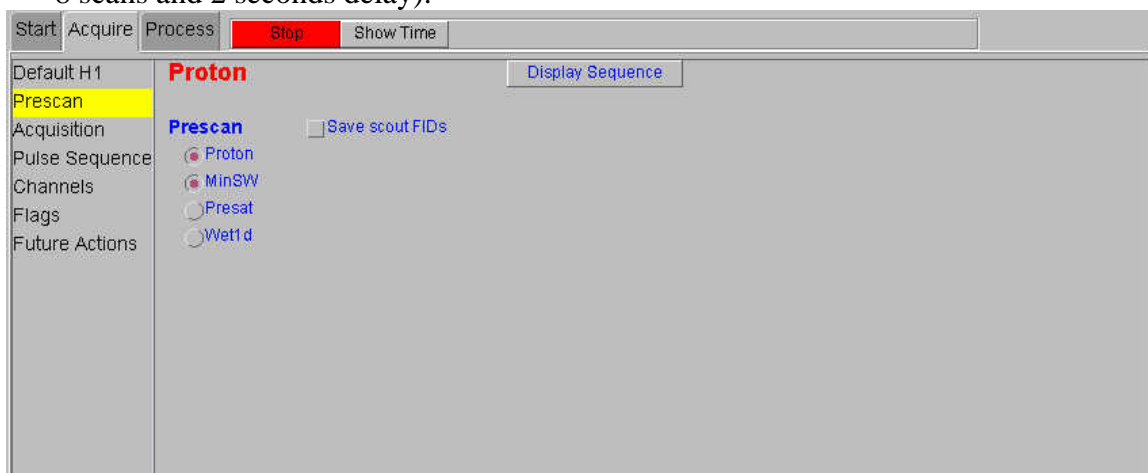


2-D TOCSY spectra

1. Run a 1-D proton spectrum and be certain to tune the proton channel (Channel 1).
2. From the HOMO2D menu in the Study Q, select TOCSY. In the study Q, a proton and a TOCSY will be queued.
3. Double click the proton parameters. This loads the proton pulse sequence. In the **Acquire->Prescan** menu, turn off MinSW. Set the window from the **Acquire->Default** menu. Select the number of scans and the relaxation delay (suggested 8 scans and 2 seconds delay).



4. Double click the TOCSY to load the TOCSY parameters. Under the **Acquire->Defaults** menu, select the number of scans and the number of increments. Suggested values 2 or 4 scans, 200 or 256 increments. For less concentrated samples increase the number of scans. Increasing the number of scans or increments can greatly increase the experiment length. Be sure to update the experiment time before submitting the study.
5. In the **Acquire->Defaults** menu, select the TOCSY mixing time. *Do not exceed* 70 ms mix time. Longer mix times will ring further into the spin system. Suggested value for mix time: 60 ms.

