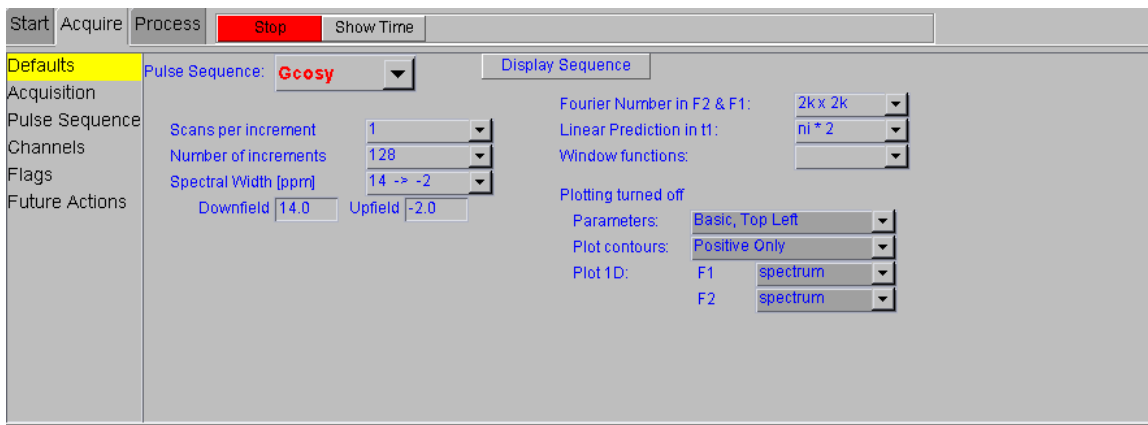
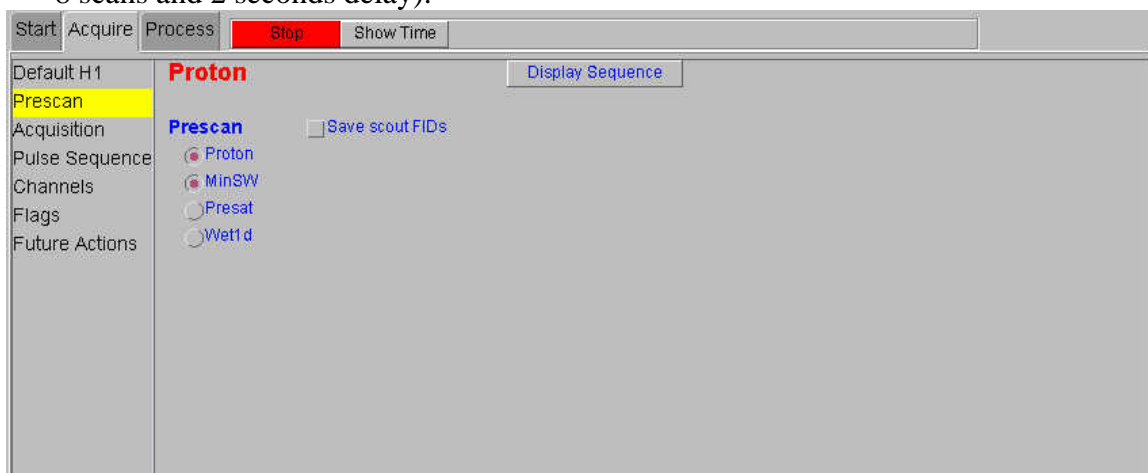


2-D COSY spectra

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 Gcosy. In the study Q, a proton and a Gcosy 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 Gcosy to load the Gcosy parameters. Under the Acquire->Defaults menu, select the number of scans and the number of increments. For concentrated samples with large coupling constants, suggested: 1 scan, 128 increments. For very small couplings and concentrated sample, suggested 1 scan, 512 increments. For less concentrated sample 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.