

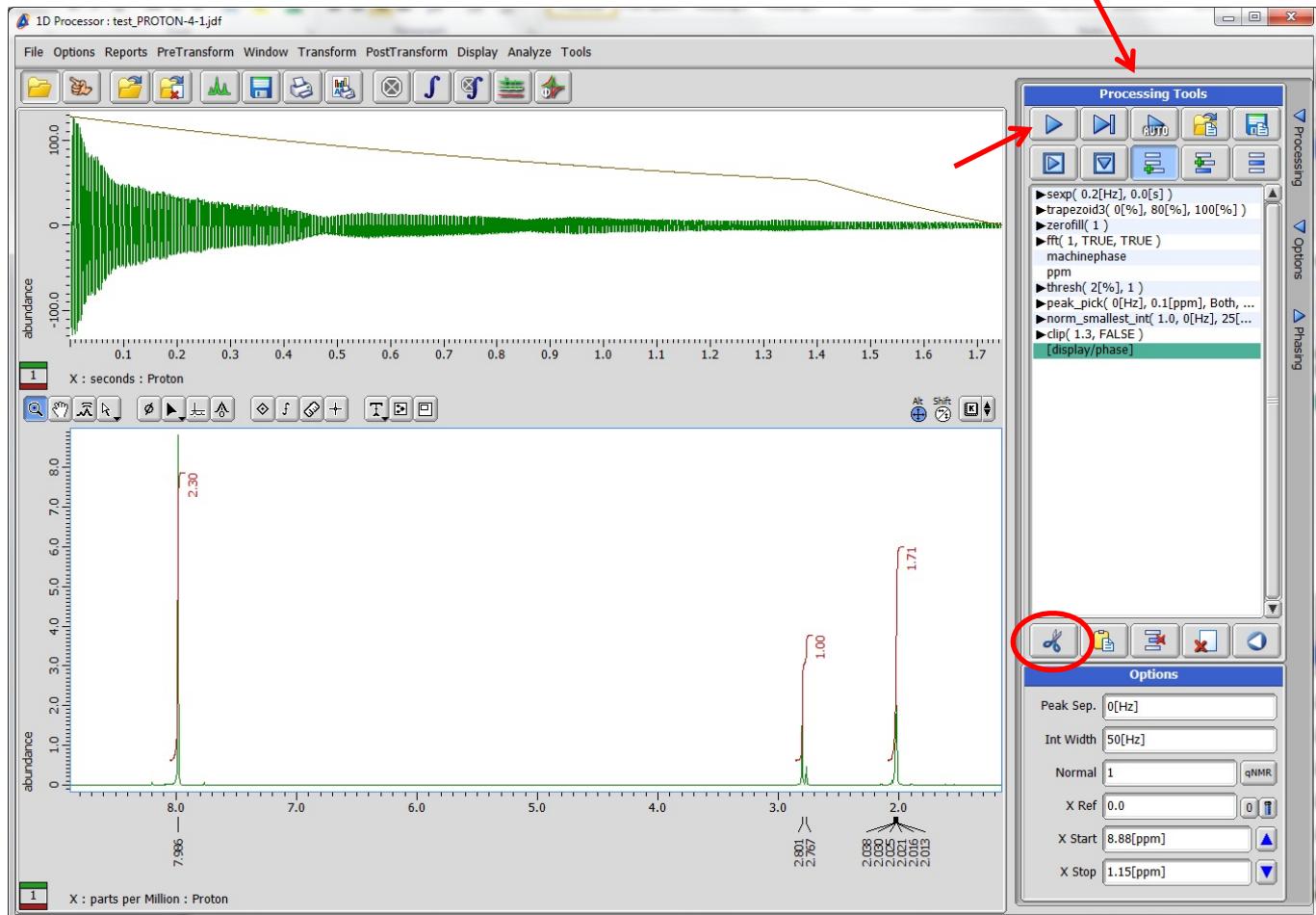
JEOL 502 aka Ripley

Data processing

Last update 2/26/16

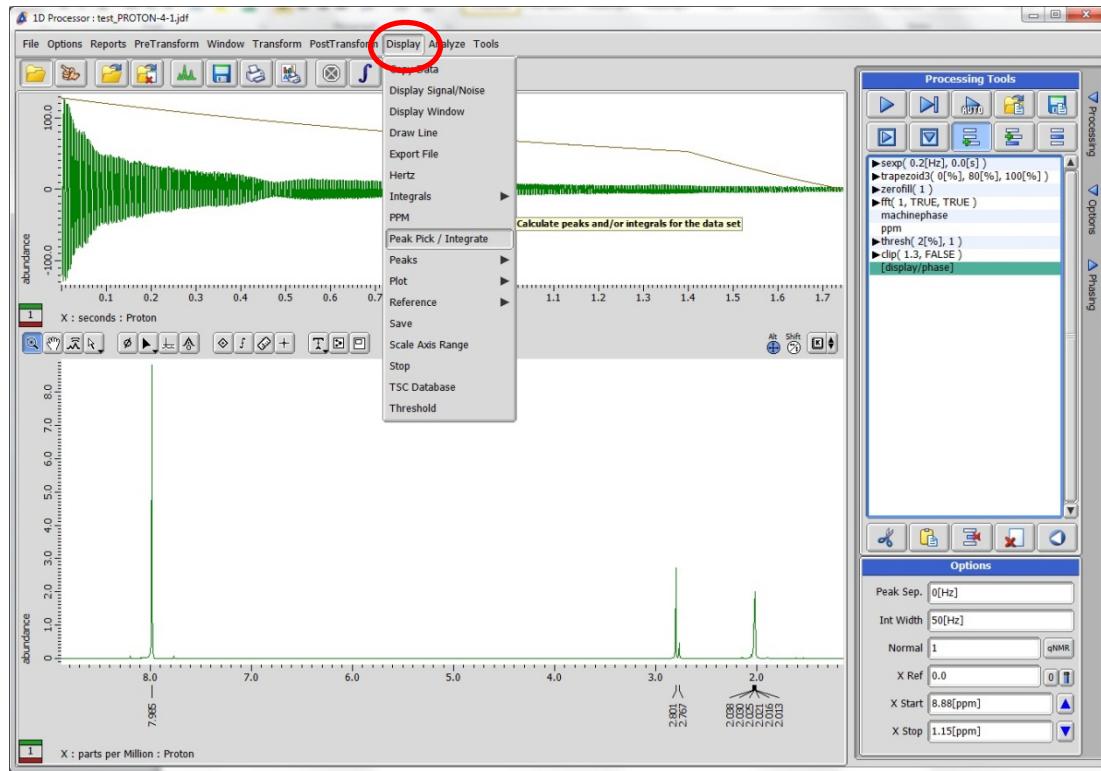
Ripley (spectrometer): 18.60.3.245

1. Processing your data.

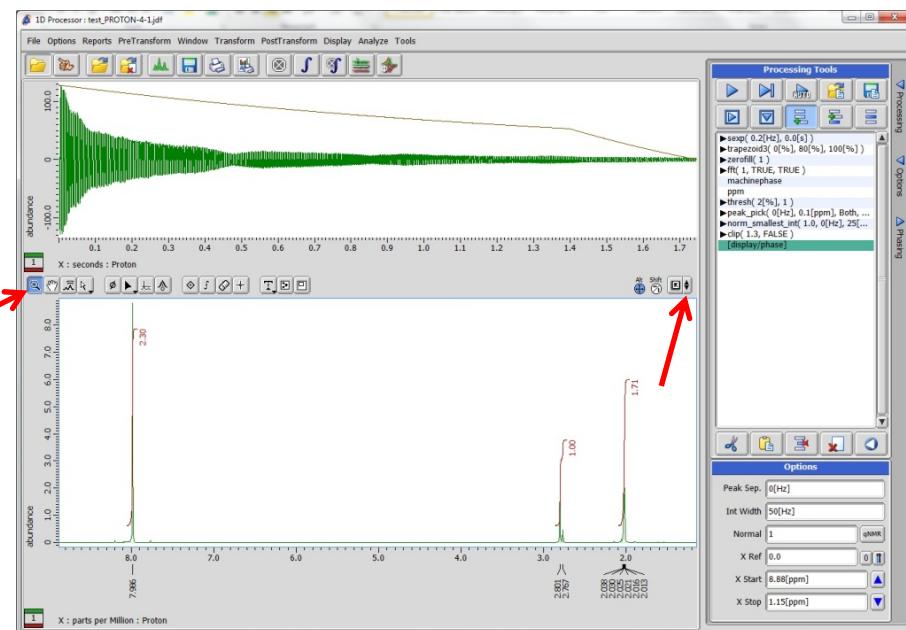


On the right side is a box labeled Processing Tools. These are a list of the automatic processing functions that have been applied to your data. You can highlight one, click on the pair of scissors (lower left) to remove it, and then hit the play button (top of the Processing Tools box) to reprocess your data.

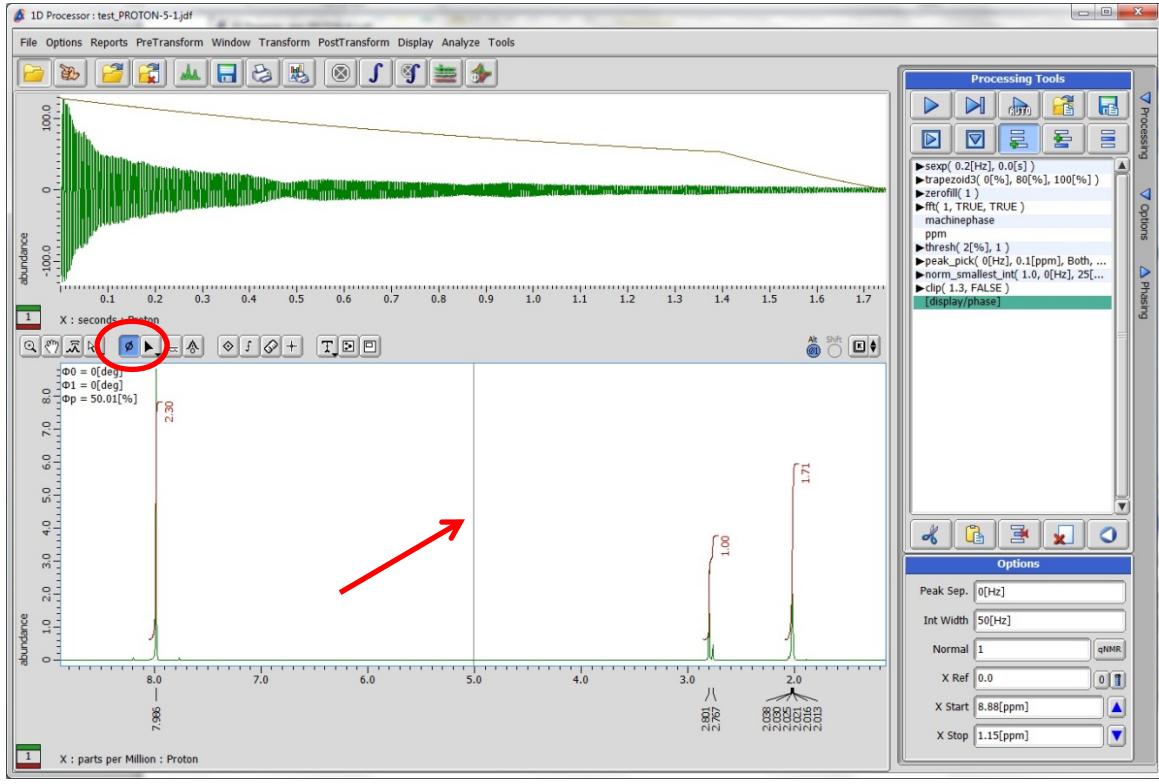
To add functions back in, click on **Display** button, locate what you want to add, and click on it. Here, integration is being added back. Don't forget to click the play button after you have added a function back to the Processing Tools box.



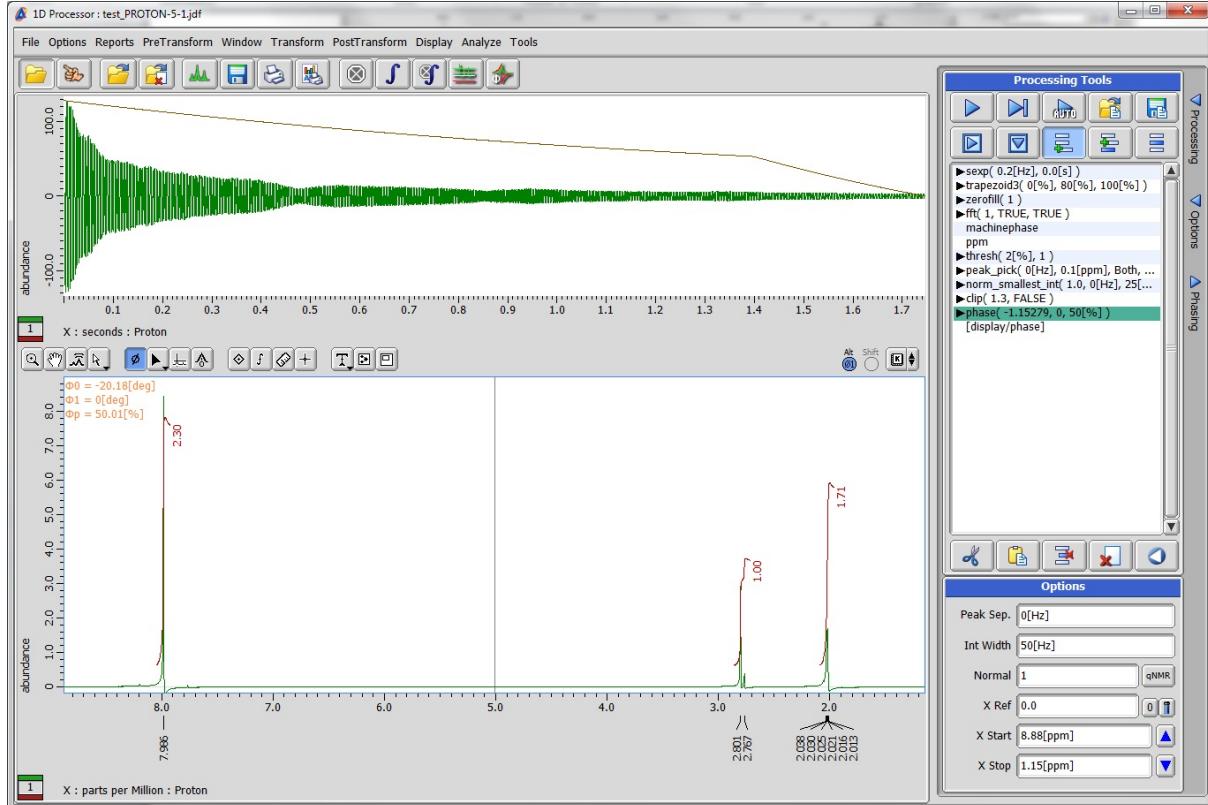
2. Zoom in by clicking the **Zoom view of data** button. Then drag a box over the area you want to expand. Click the double arrow (**Key shortcuts**) on the right to open a drop down menu, and **Reset View [Home]** to zoom back out.



2. Manual phasing. Click on the ϕ button (*adjust phase rotation, twist and the twist pivot point*). A light gray line appears in the center of the spectrum. Note the Φ (phi) values in the left corner are black.



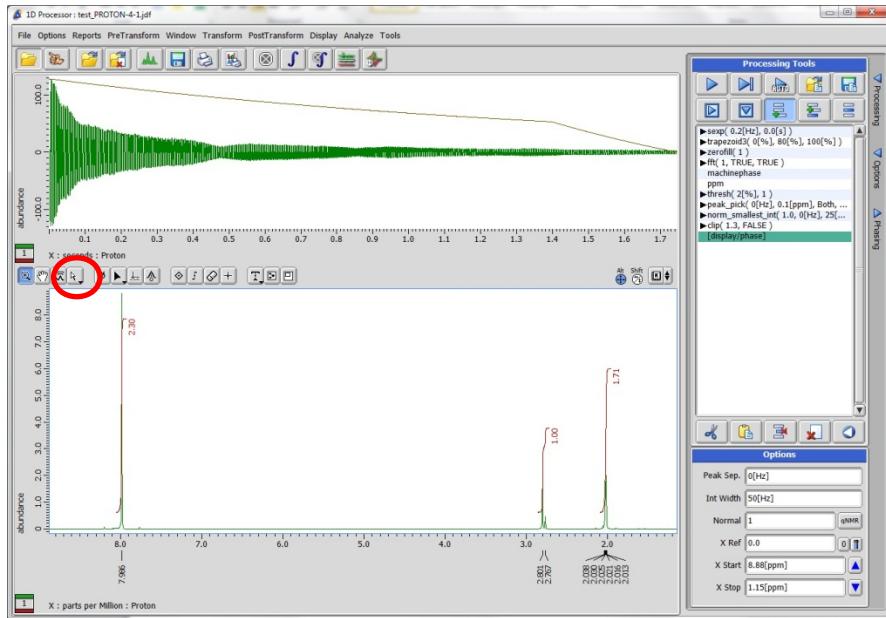
Click in the middle of the spectrum. The pointer will turn into a Φ_0 for the 0 order phases. The Φ (phi) values in the left corner turn orange. Slide the mouse from side to side to adjust the 0 order phases as needed.



Hold down the Alt key and you will see the pointer change to Φ_1 for the 1st order phases. Slide the mouse from side to side to adjust the 1st order phases as needed.

You can move the light gray pivot line by placing the mouse in the line. The pointer will change to a double arrow (\leftrightarrow). Hold down the left mouse button and it will turn into Φ_p . Still holding the left mouse button down, you can now move the gray line to wherever you want.

When you are done, click the Select arrow.



3. Set the reference by first clicking on the *Paste reference to nearest peak* button. In the Options box, type on the value you want on the **X Ref** box. Then left click on the peak you want to be that value.

