Useful gf3 commands
Common Commands

- **SP** – Loads filename.spe
- **DS** – Re-display spectrum
- **EX** – Expand (zoom) spectrum
- **NX 0** – Unexpand (unzoom) spectrum (note, need to follow this command by “DS” to redisplay spectrum).
- **PK** - “One Click” peak fitting + background subtraction. Click on peak to fit it. Type “x” to exit “PK” fitting routine.
- **ST** – Exit Radware.
Other Commands

- **X0** – Set lower limit of spectrum display.
- **NX 1000** – Set upper limit of spectrum as 1000 channels higher than lower limit. “NX 0” sets upper limit to all-channels (unzooms).
- **HE** – Enter “help” menu. Shows all possible 2-letter commands.
- **EC** – Enter “slope” and “offset” for the linear energy calibration you found with Excel. You can use this to check your results in gf3.
Ways to check your Peak Fit

- **SU** - “sum” all counts between the lower and upper limit as selected by mouse clicks (including background). You can use this to check your peak areas that you get with “PK” command.

- **NF** - “New Fit” command. Non-automatic peak fitting routine. Useful if there are two peaks close together like the 1085 keV and 1089 keV peaks in 152Eu. Click on lower and upper limits, click on centroids of the peak(s), push “x” and then push “enter” twice. Often need to set C=0 (in set constants part) for best results!