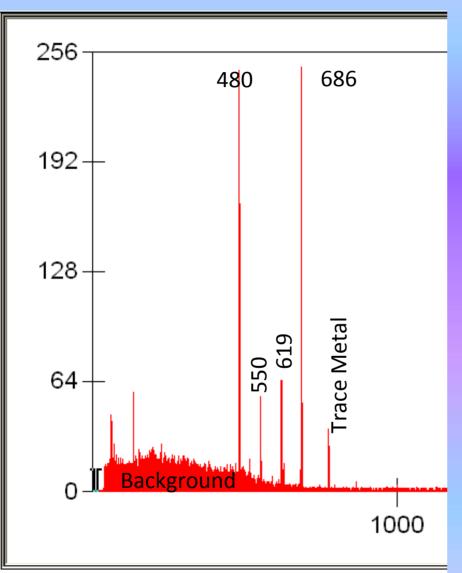
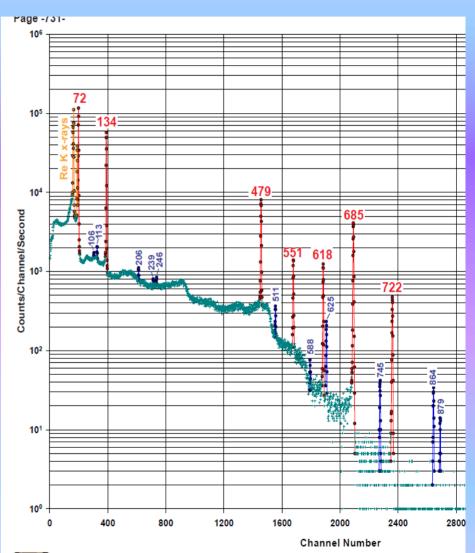




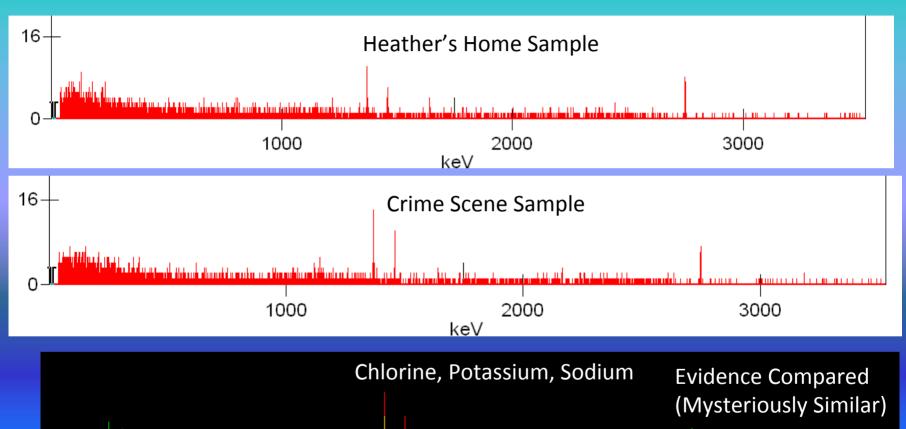
The item is put in the pig. For it to create gamma rays, the atoms must be unstable isotopes decaying in an excited state. The gamma rays given off are read by the germanium detector and converted to be read on the computer.

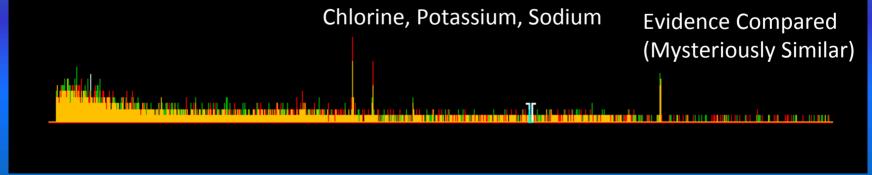
Identifying Tungsten With Gamma Spectroscopy





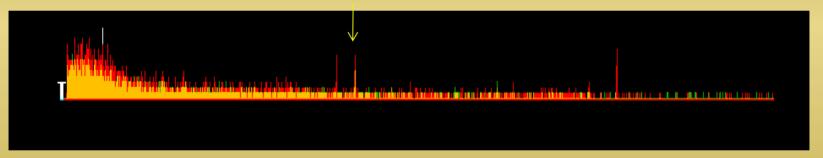
Gamma Spectroscopy Crime Scrutiny





How we proved that Kelly was innocent.

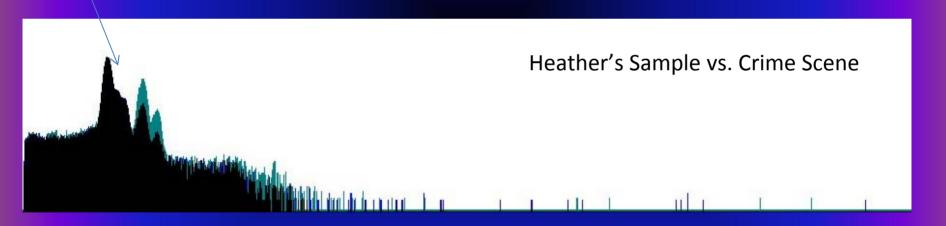
Potassium



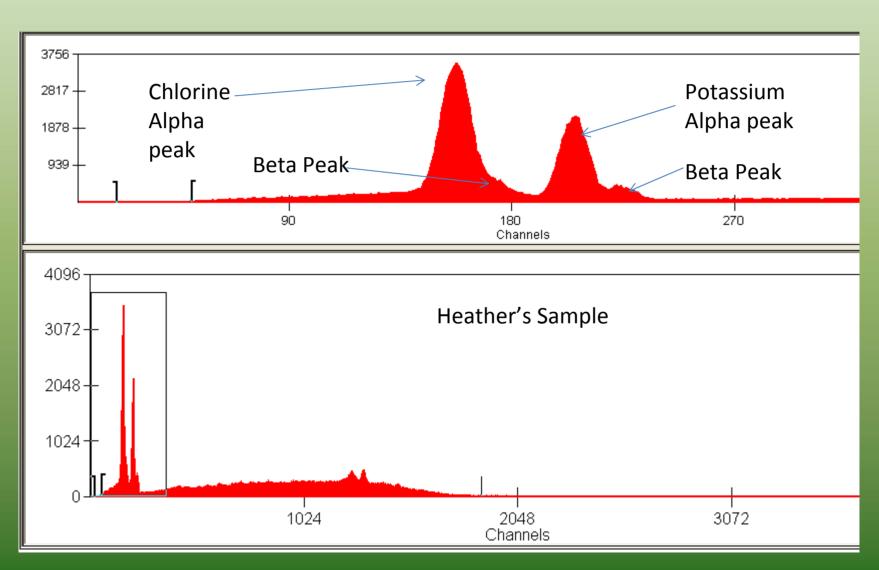
The Crime Scene vs. Kelly's Home

Using PIXE to analyze the evidence

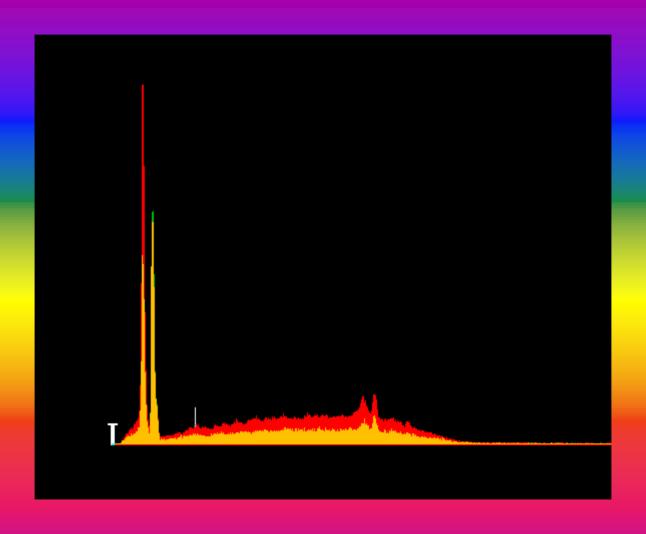
We only found the potassium in the sample using PIXE. The peak on the left is argon from the air.



Analyzing through XRF



Compared



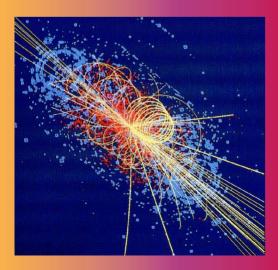
What really happened to Dr. Wiescher.

Suspect: Ryan

Weapon:

Radioactive Arsenic

Motive: Jealous of Dr. Wiescher's recent discovery of the Higgs particle.







What we like to think of the Higgs particle as

