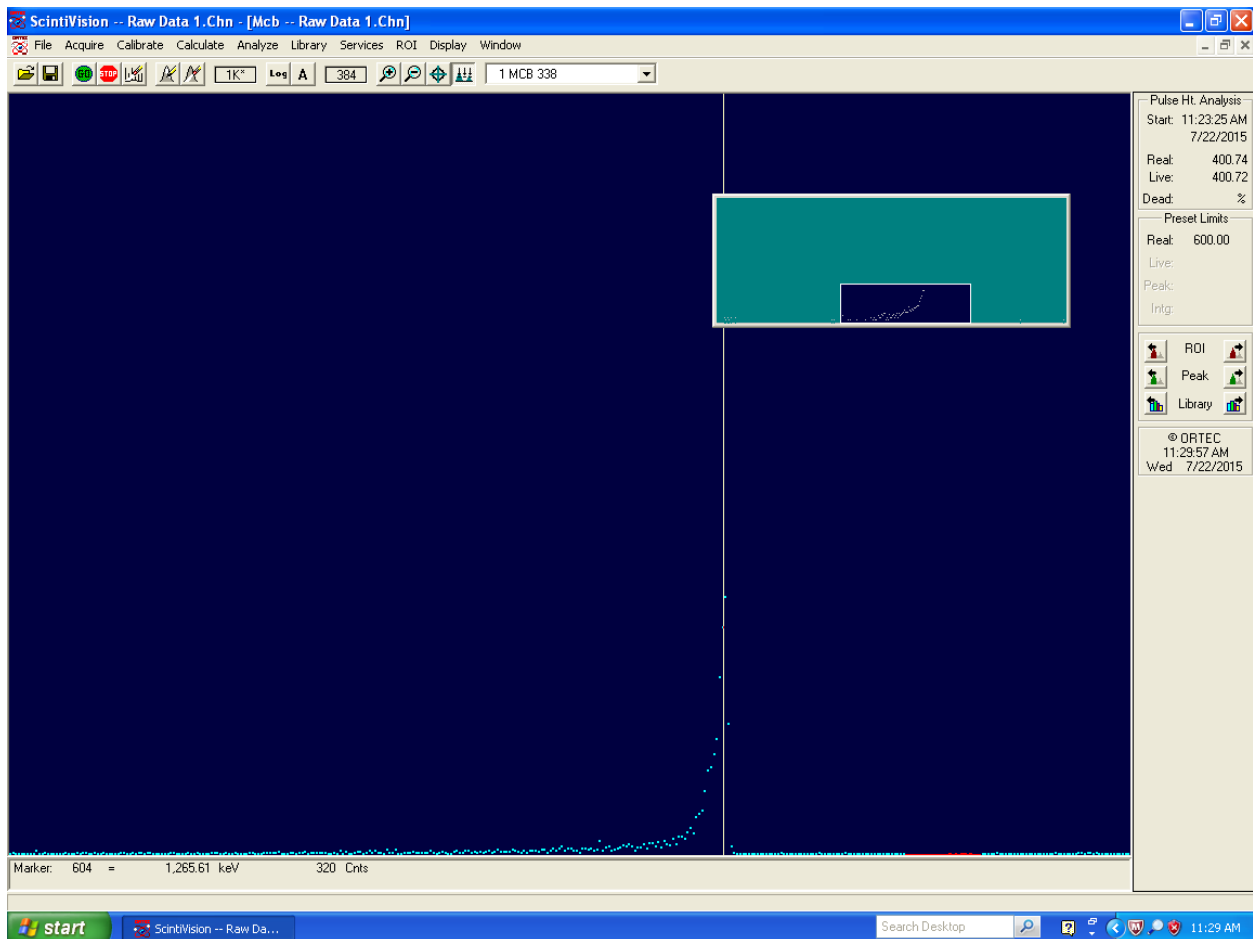
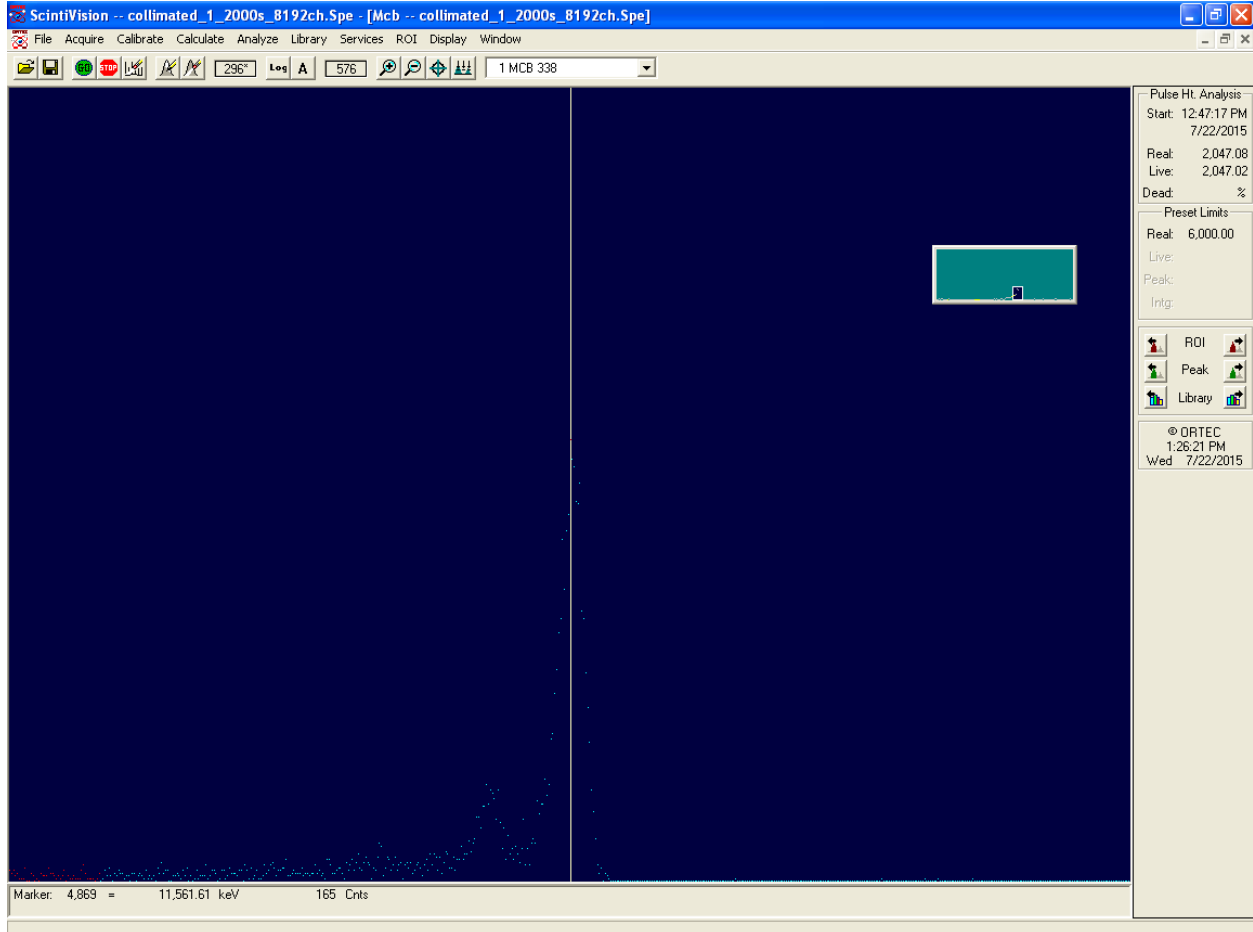


Without any disc. or collimation

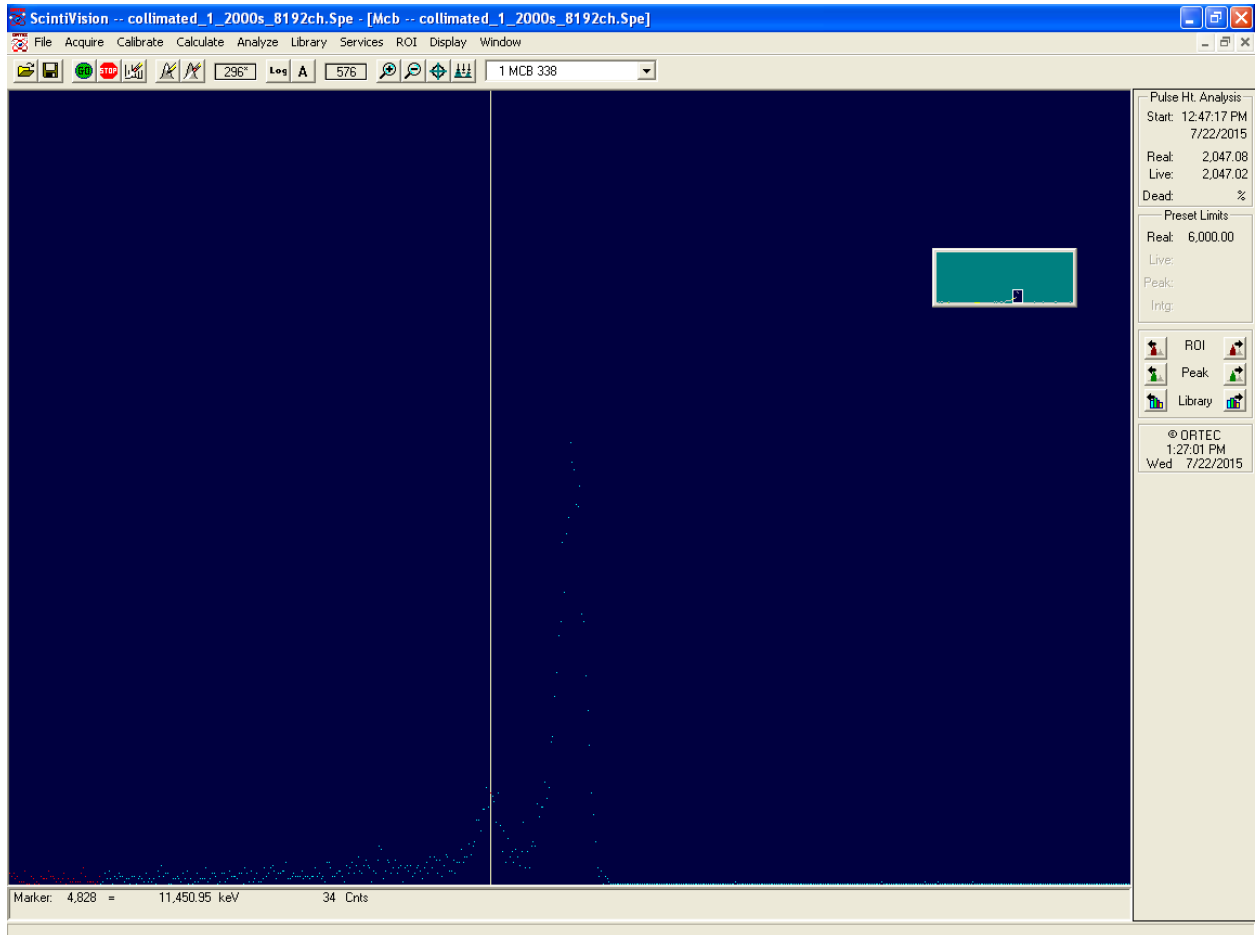


With collimation and 8192 ch

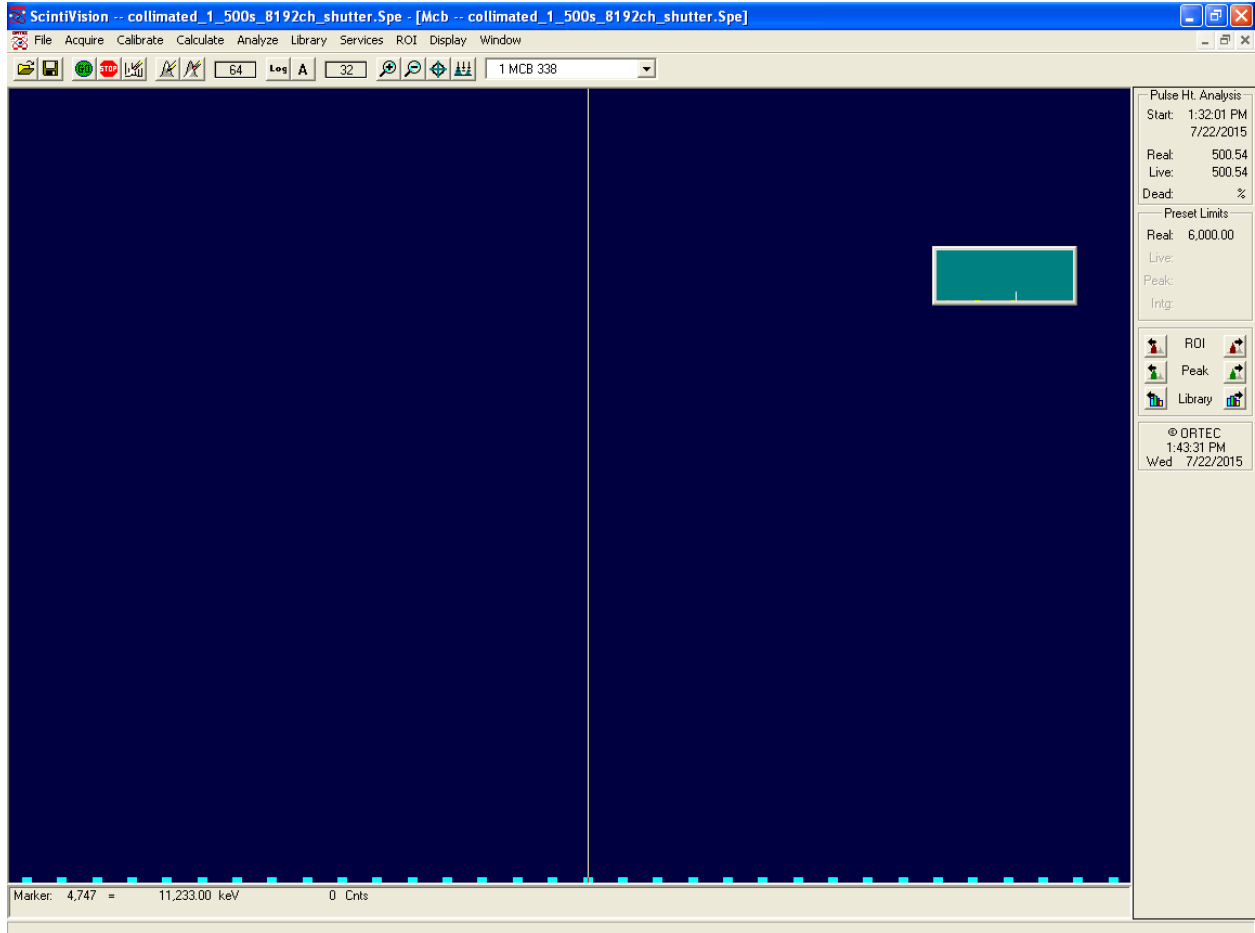
Large peak: 4869



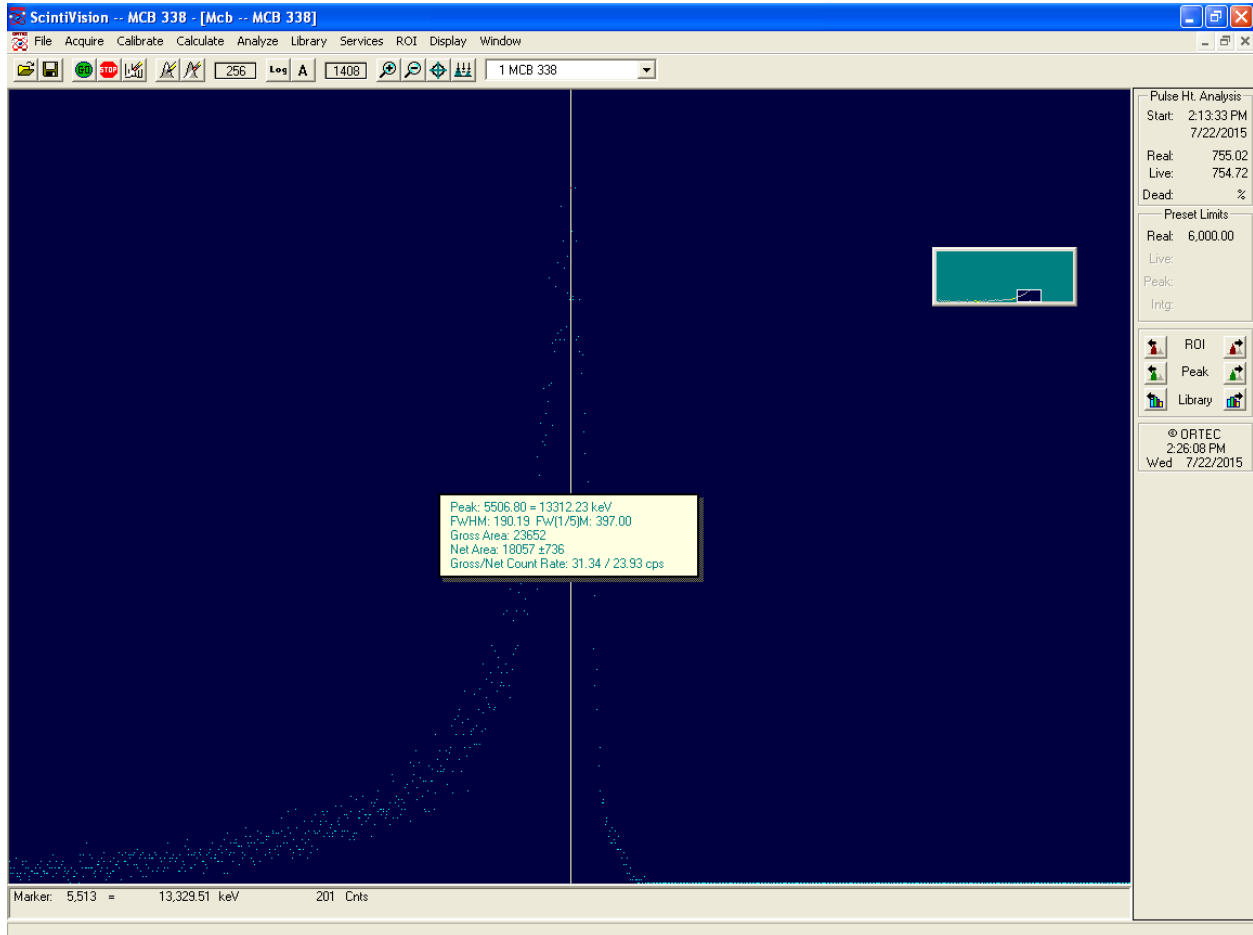
Small peak at 4828

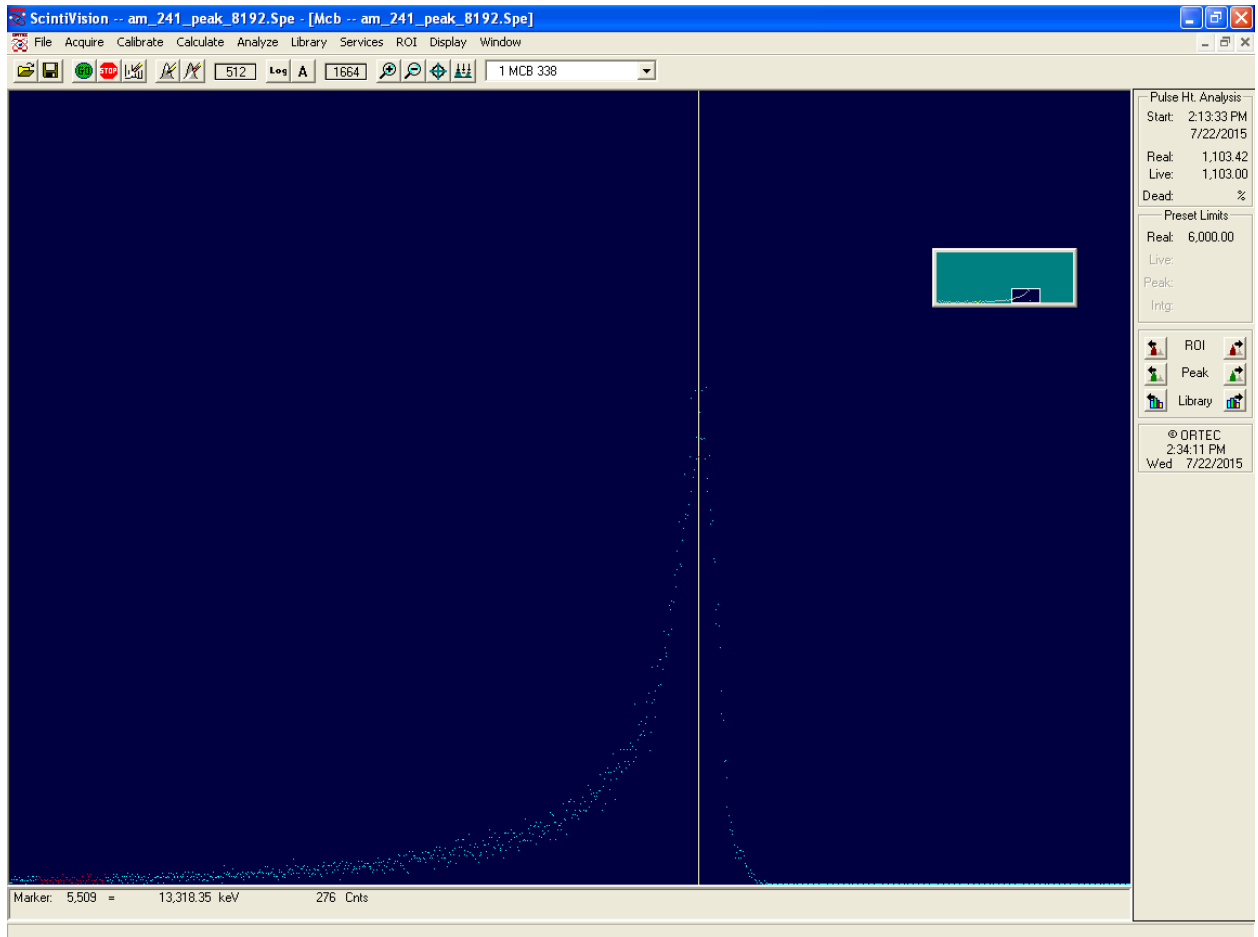


With the shutter

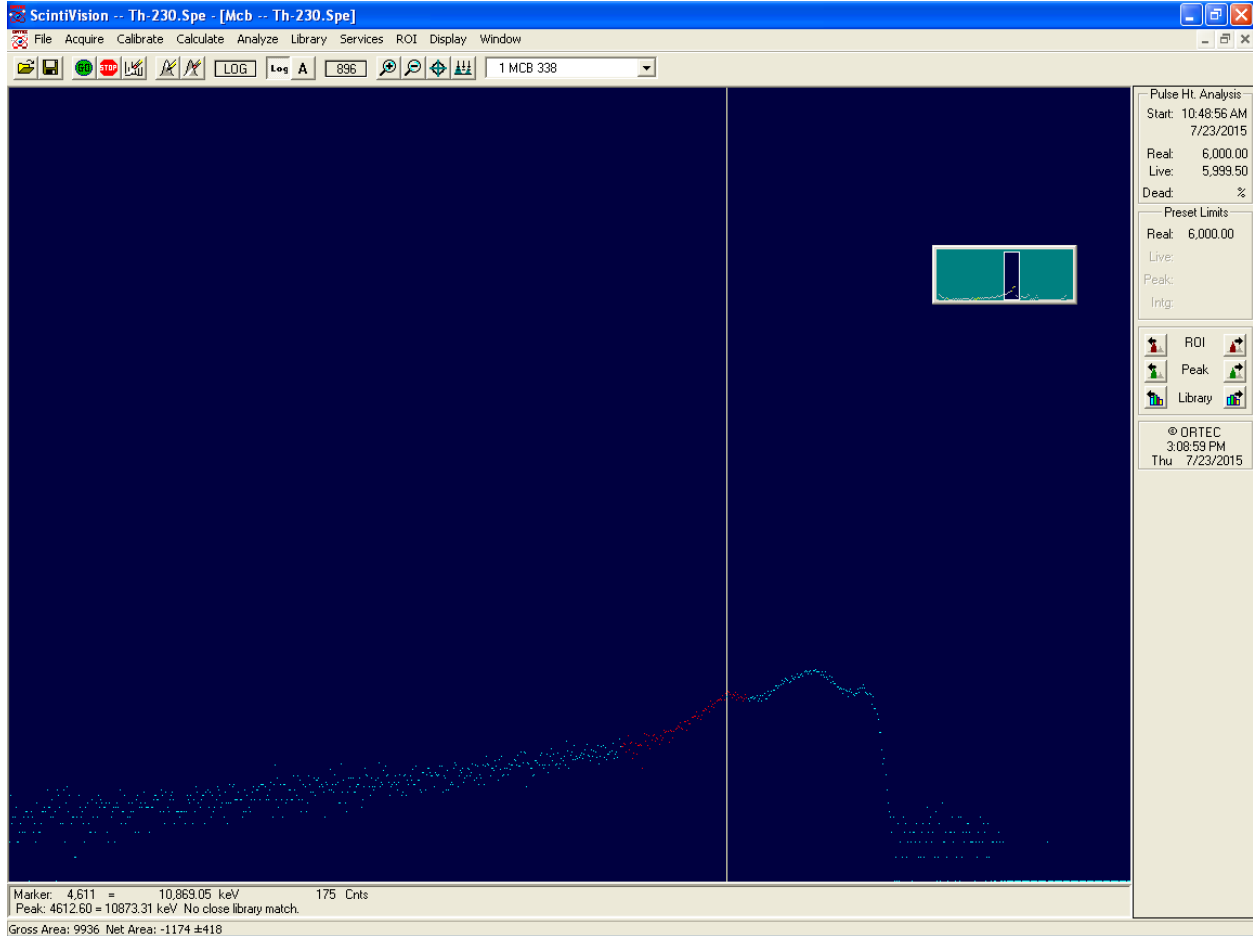


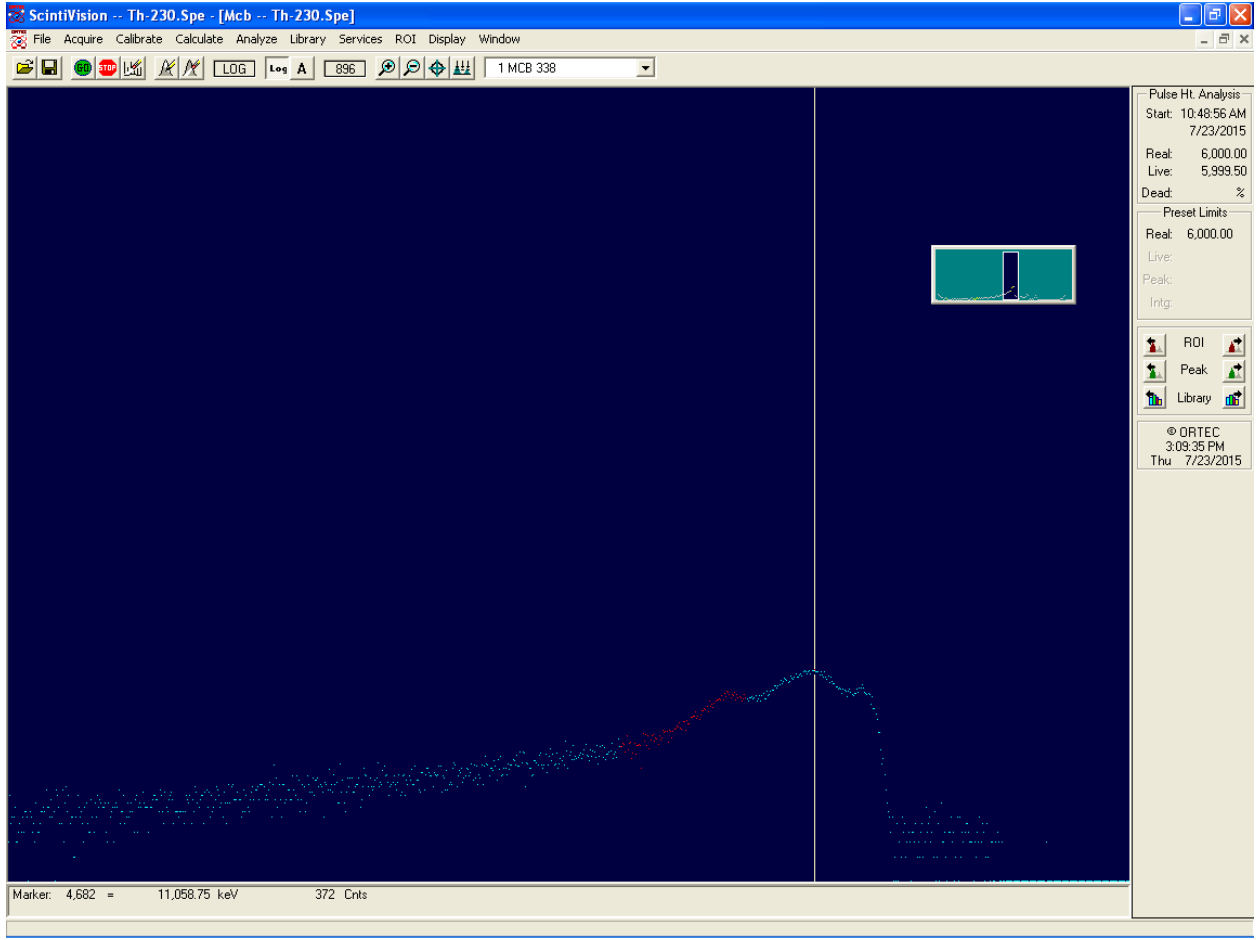
Am-241 using the same setting but without collimation



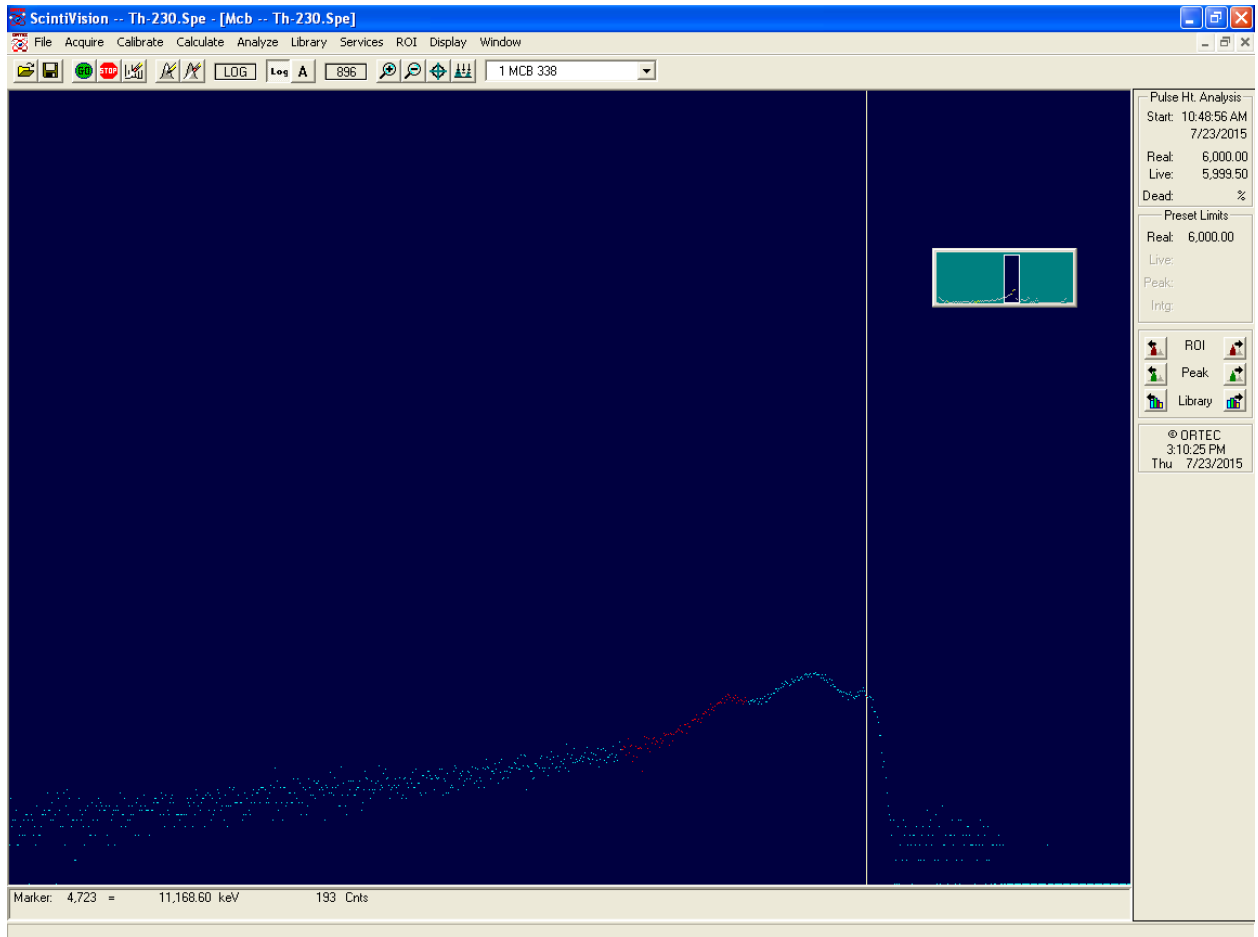


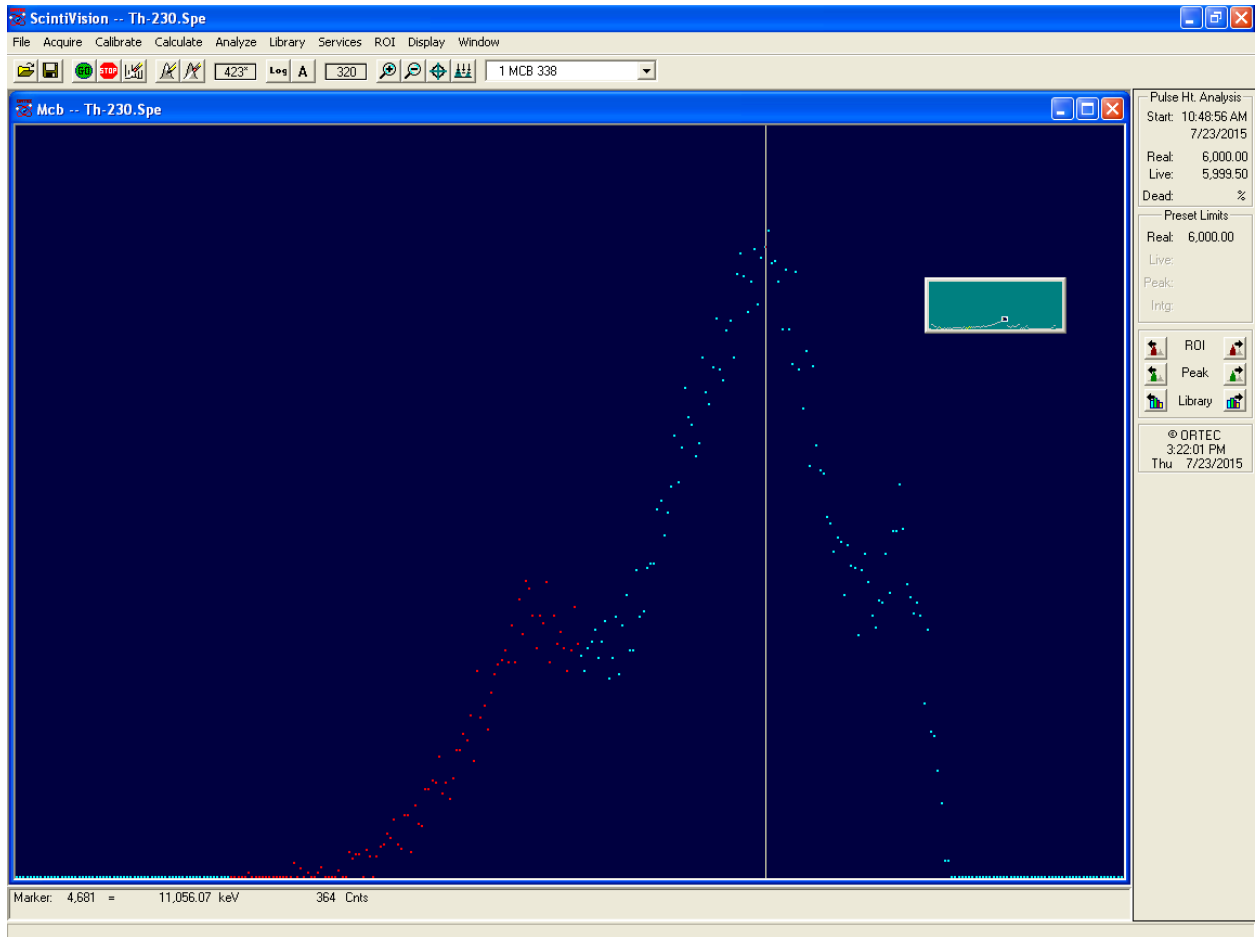
Th -230 spectrum shows more than one peak that has the following channel numbers,

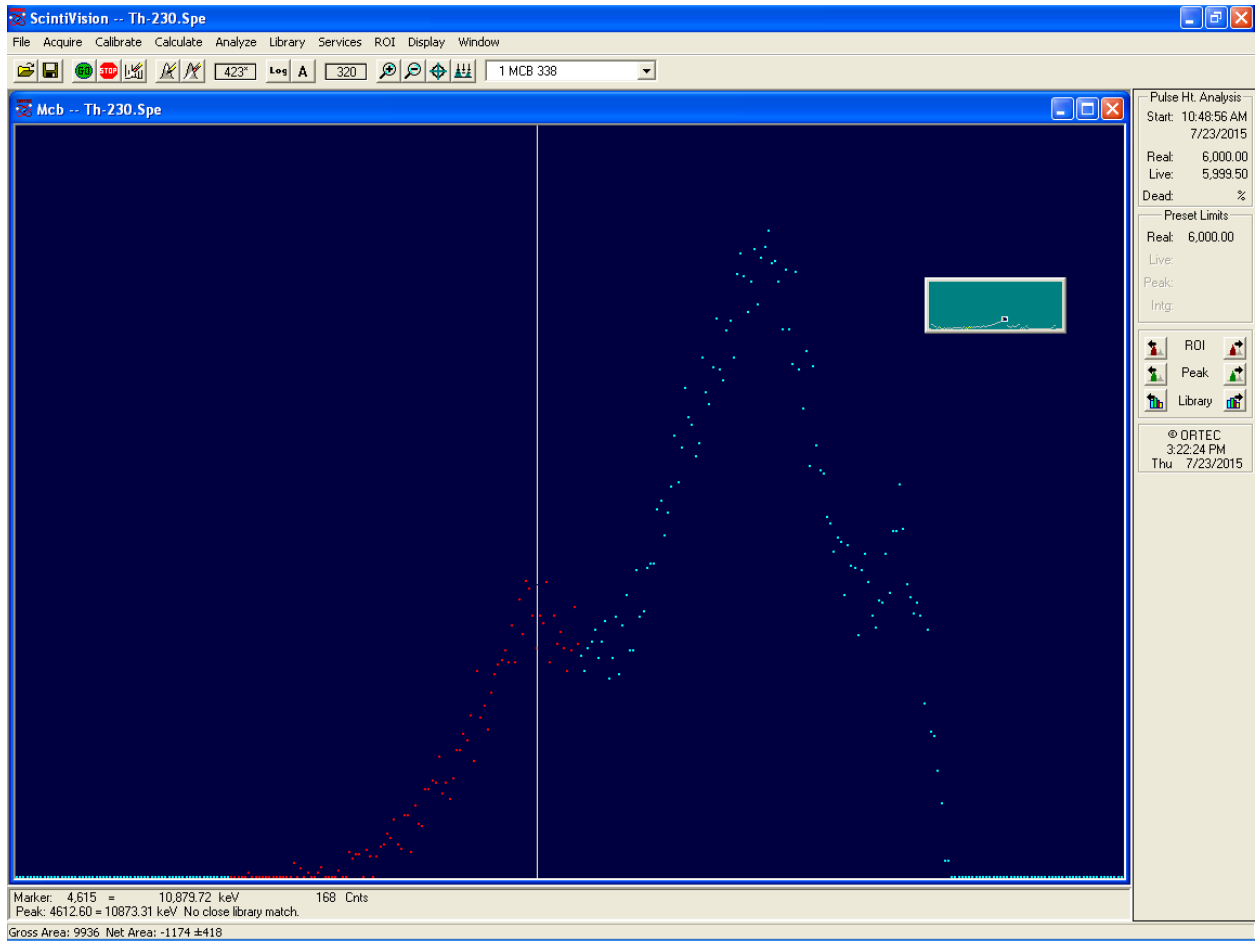


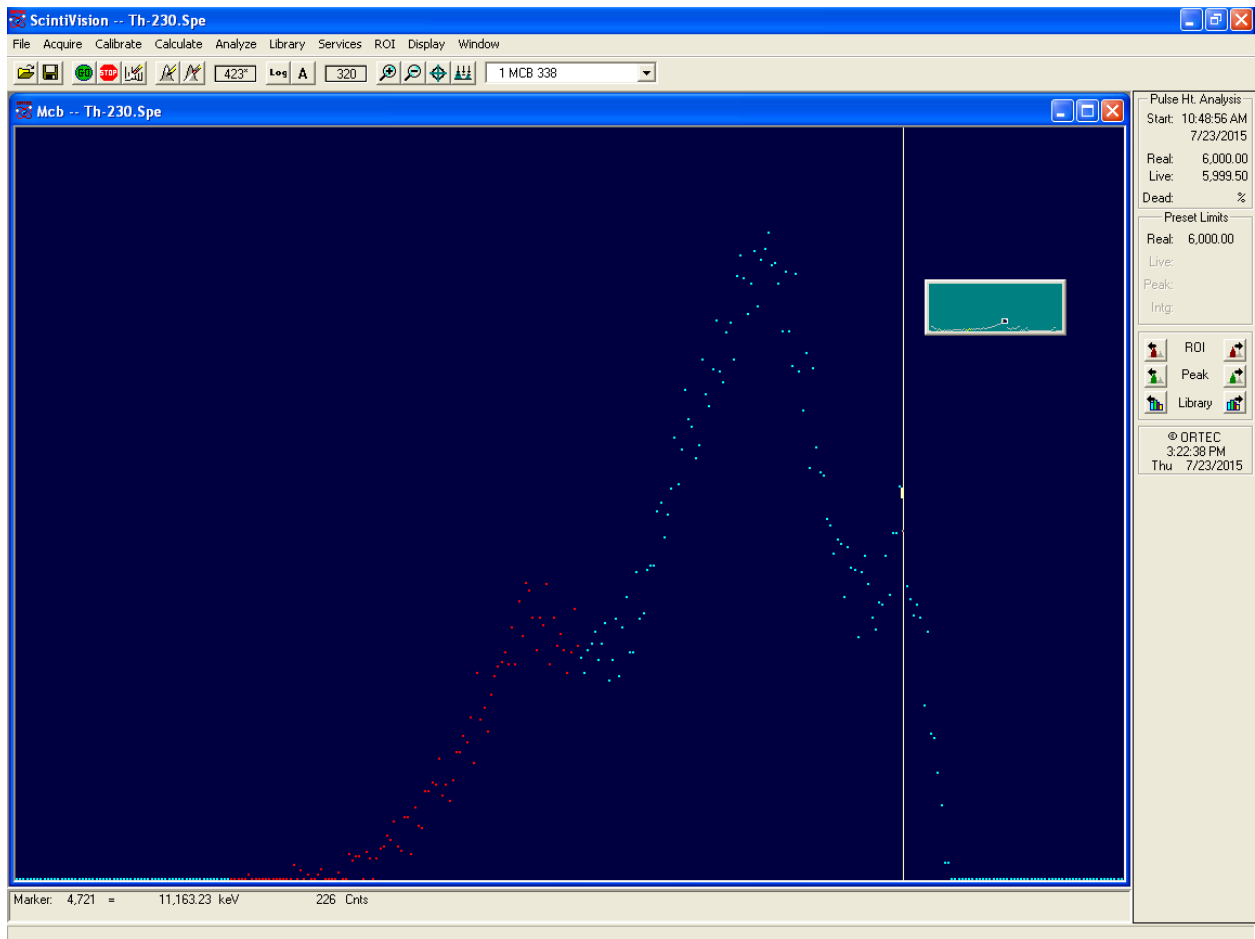




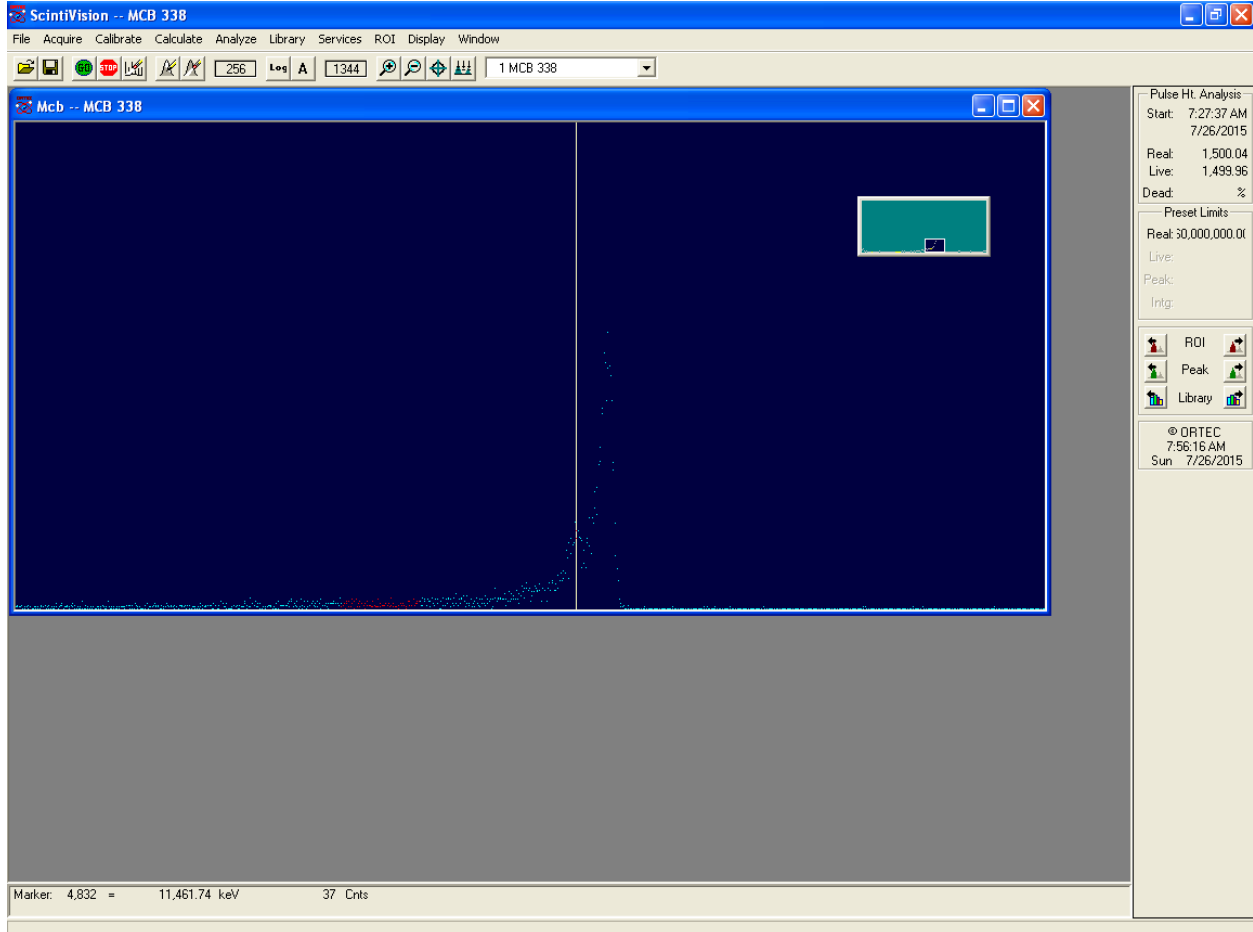








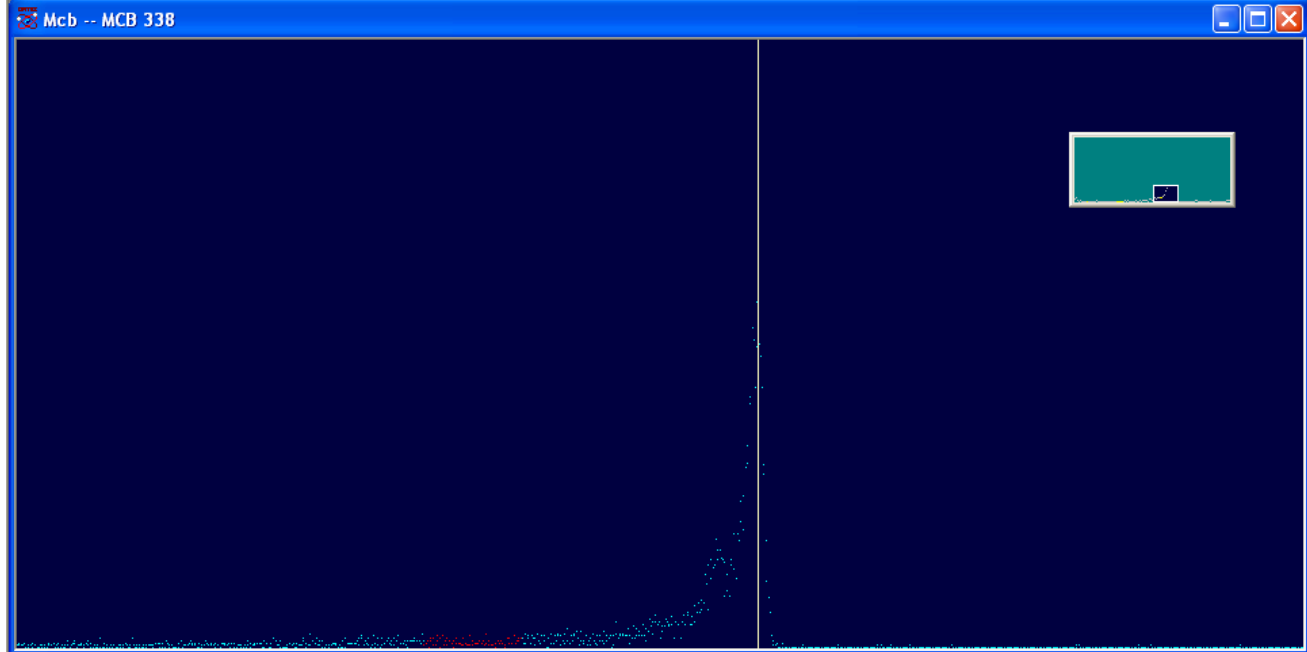
Source measurements from energy output for 1500 s without collimation.



ScintiVision -- MCB 338

File Acquire Calibrate Calculate Analyze Library Services ROI Display Window

256 Log A 1344 1 MCB 338



Marker: 4,875 = 11,577.83 keV 125 Cnts

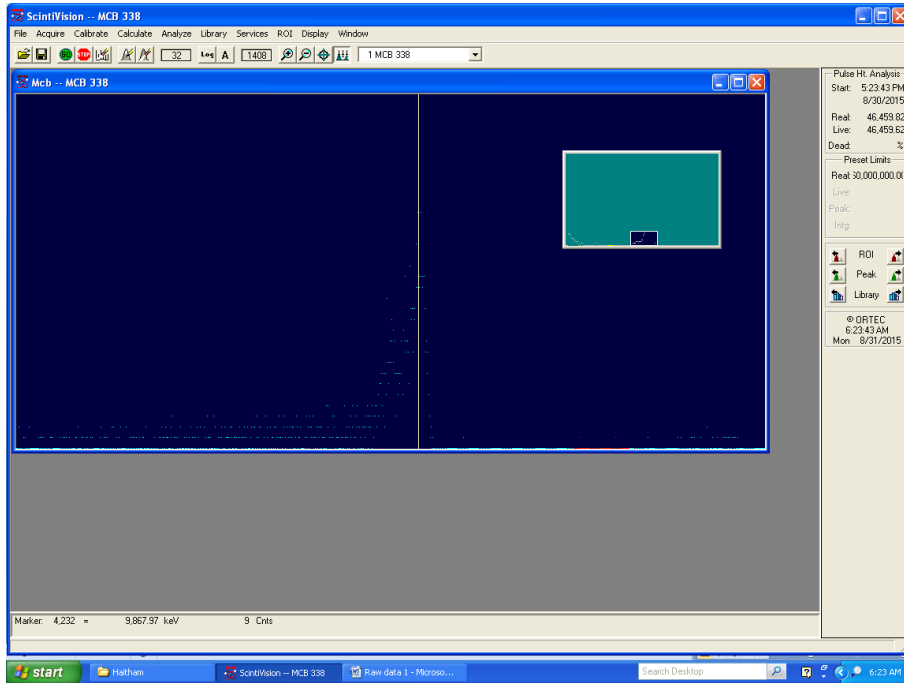
DUD2

The screenshot displays the ScintiVision software interface for file UDU2.Spe. The main window, titled 'Mcb -- UDU2.Spe', shows a dark spectrum plot with a small green rectangular region of interest (ROI) highlighted. The plot area is divided into two vertical sections. The right-hand side of the interface contains a panel with analysis statistics:

- Pulse Ht. Analysis:**
  - Start: 8:57:55 AM 8/30/2015
  - Real: 28,786.06
  - Live: 28,785.88
  - Dead: %
- Preset Limits:**
  - Real: 30,000,000.00
  - Live:
  - Peak:
  - Intg:
- ROI, Peak, Library:** Three icons with corresponding labels.
- © ORTEC 5:20:31 PM Sun 8/30/2015**

At the bottom of the main window, a status bar displays: **Marker: 4,092 = 9,503.08 keV 1 Cnts**. The Windows taskbar at the bottom shows the Start button, the user name 'Haltham', and open applications including 'ScintiVision -- UDU2.Spe' and 'Raw data 1 - Micro...'. The system clock indicates 5:20 PM on Sunday, 8/30/2015.

# I d-8-01 source





ScintiVision -- MCB 338

File Acquire Calibrate Calculate Analyze Library Services ROI Display Window

32 Los A 1408 1 MCB 338

McB -- MCB 338

Pulse Ht. Analysis  
Start: 5:23:43 PM  
8/30/2015  
Real: 46,633.92  
Live: 46,633.72  
Dead: %

Preset Limits  
Real: 30,000,000.01  
Live:  
Peak:  
Intg:

ROI  
Peak  
Library

© ORTEC  
6:26:37 AM  
Mon 8/31/2015

Marker: 4.181 = 9,734.74 keV 10 Cnts

start Haltham ScintiVision -- MCB 338 Raw data 1 - Microso... Search Desktop 6:26 AM

DUD2

