

Samples for commissioning time (8/29/2024) under mecl1042523

8.6 keV SASE

BXRTS (compact one, 1.1 keV) : 7.4 ~ 8.5 keV estimated, higher energy on bottom on epix100a

FXRTS (old one) : 7.6x ~ 8.2x keV estimated, higher energy on bottom on epix100a

XTCS : 7.2 ~ 8.8 keV estimated

For dispersion check: $y=ax+b$

Ni 7.46, 7.478 keV Ka₂,1 K-edge 8.331

8.265 keV Kb

incoming X-ray > 8.35 keV

Co 7.65 keV Kb L-edge 7.709

Ni 8.265 Kb K-edge 8.331

BXRTS

X=170 for 7.65 keV (Co Kb) –Run 47

X=533 for 8.265 keV (Ni Kb) –Run 50

X=70 for 7.478 keV (Ni Ka₁) –Run 50

→ $a=1.7, b=7360$

→ 1.7eV/pixel

FXRTS

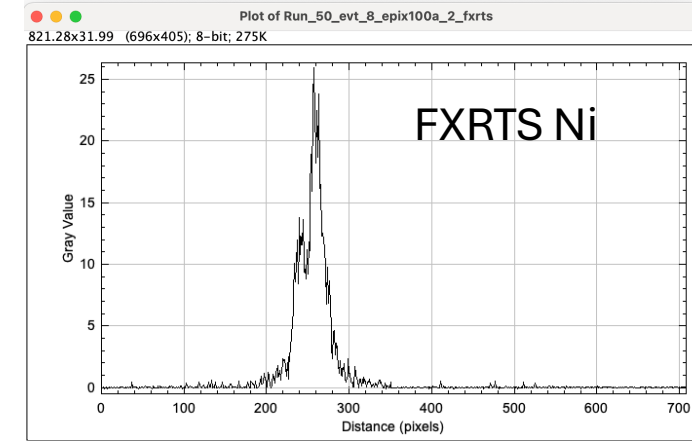
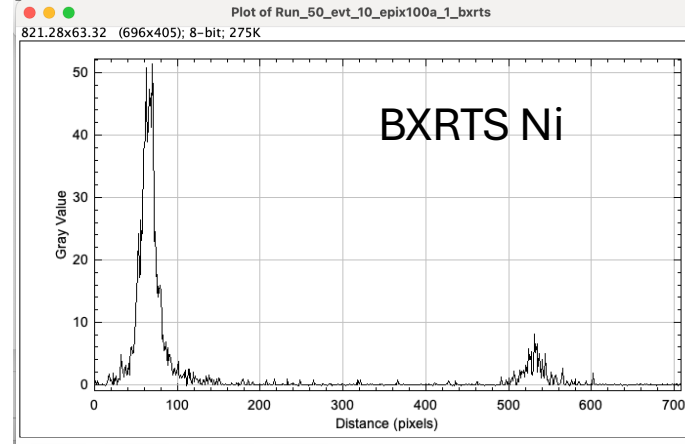
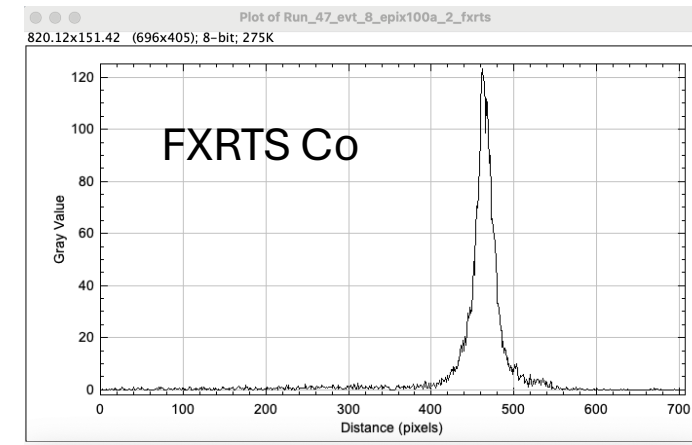
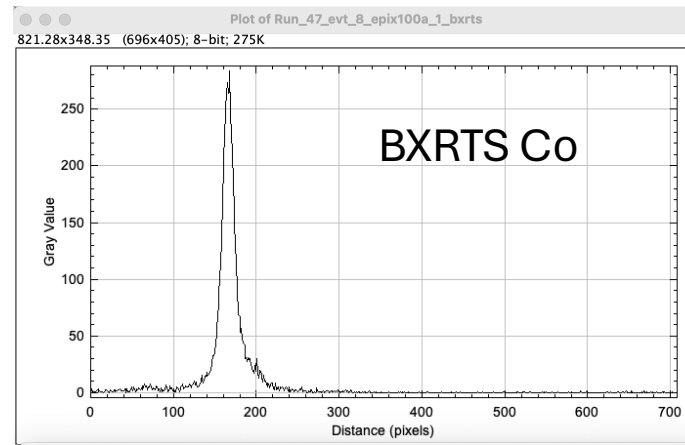
X=464 for 7.65 keV (Co Kb) –Run 47

X=243 for 7.46 keV (Ni Ka₂) –Run 50

X=263 for 7.478 keV (Ni Ka₁) –Run 50

→ $a=0.86, b=7251$

→ 0.86eV/pixel



List Data » More » Live

List Data » More » Live