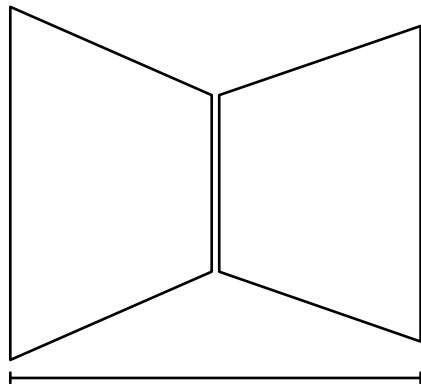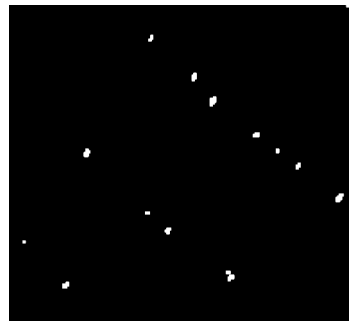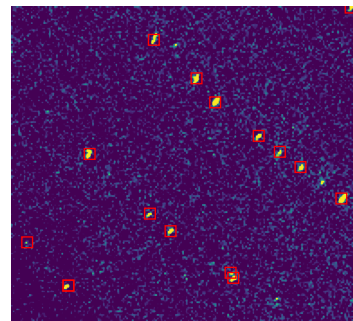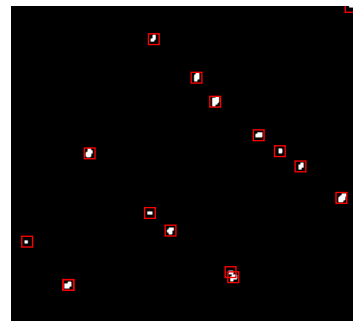Input diffraction image   U-Net   Segmentation map

Locating peaks