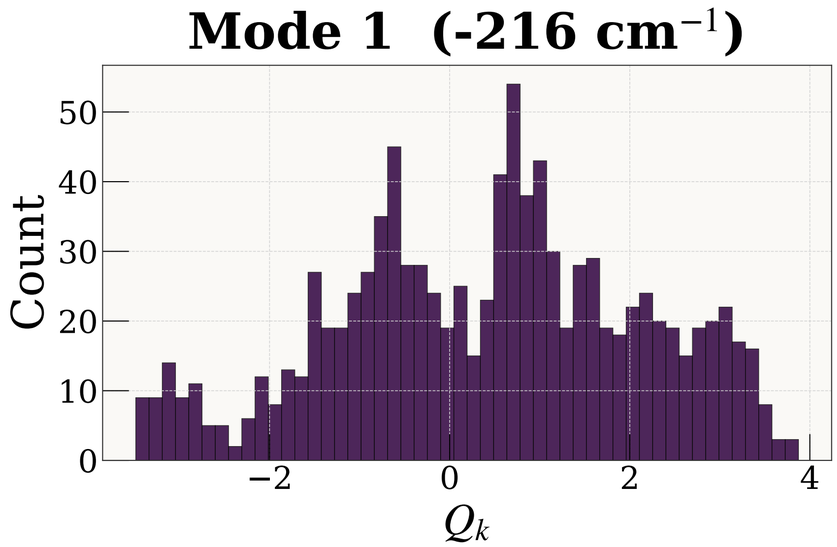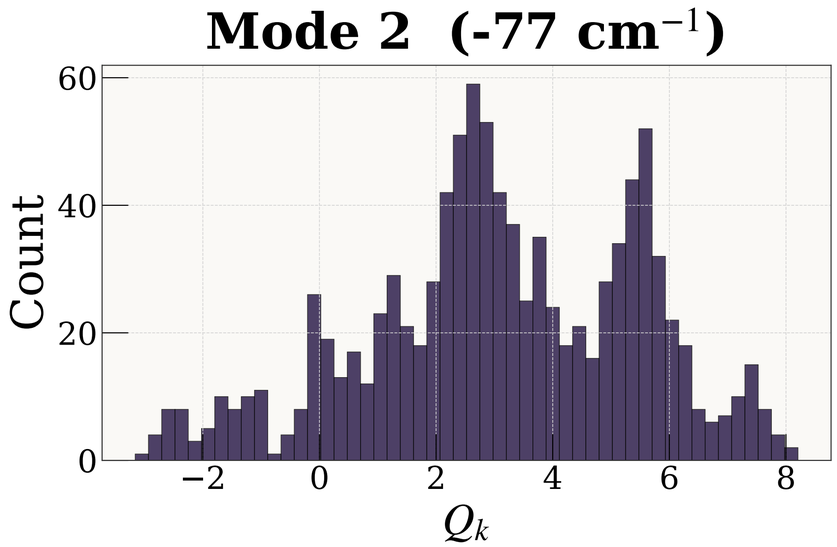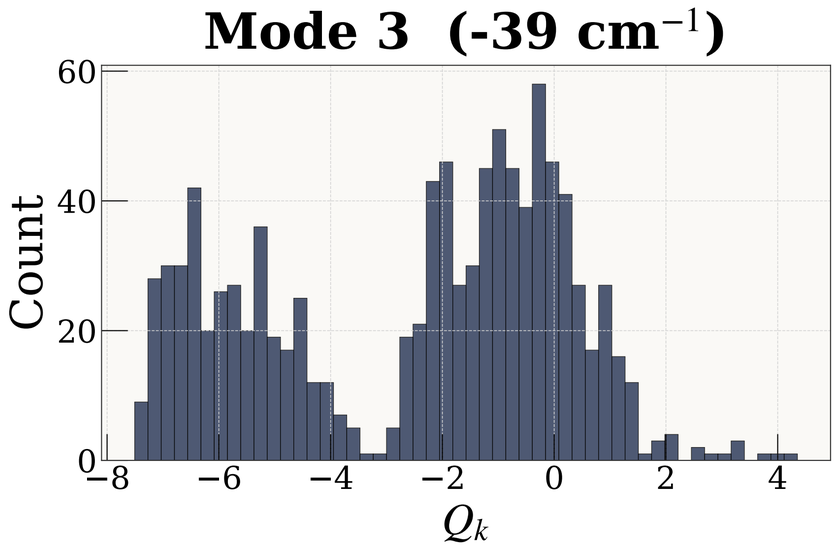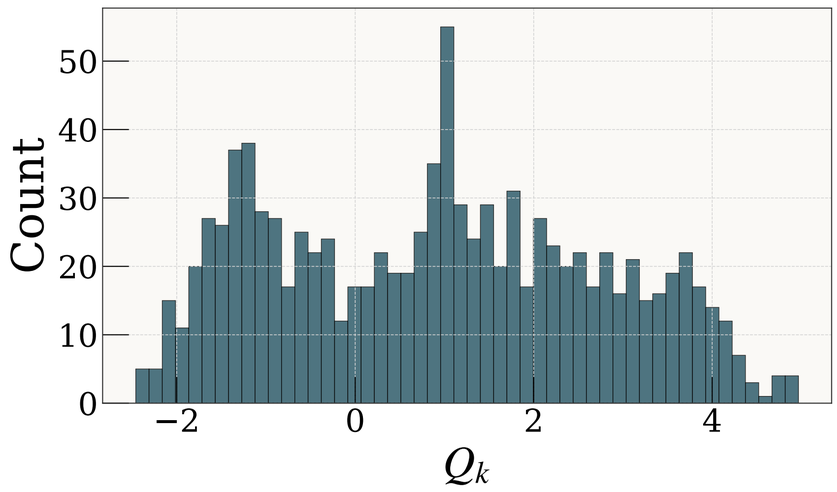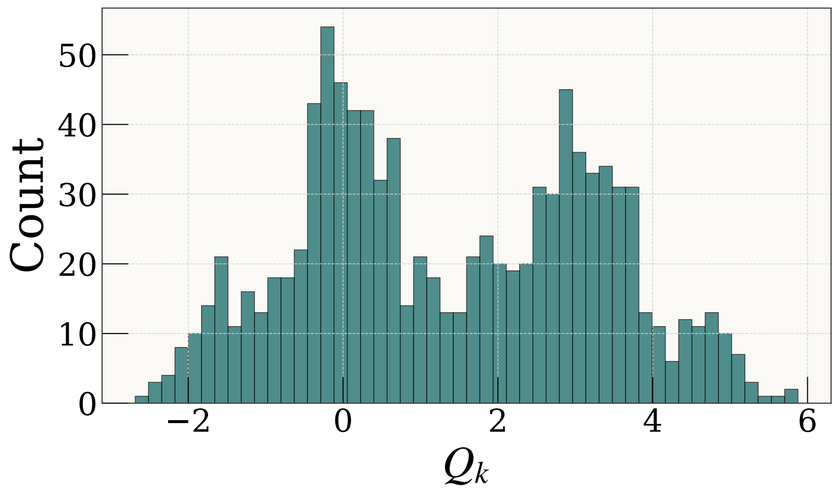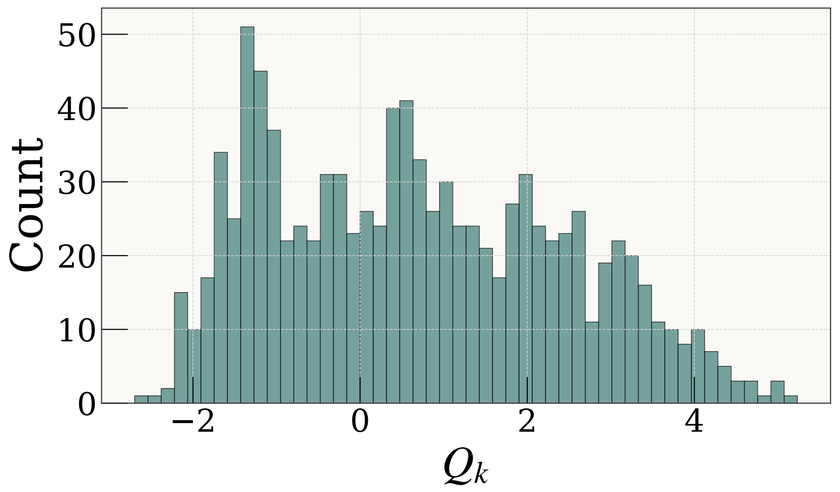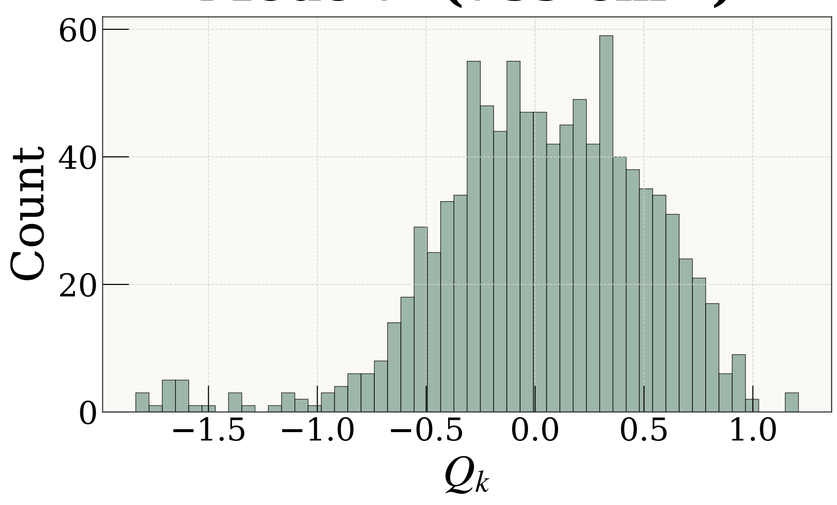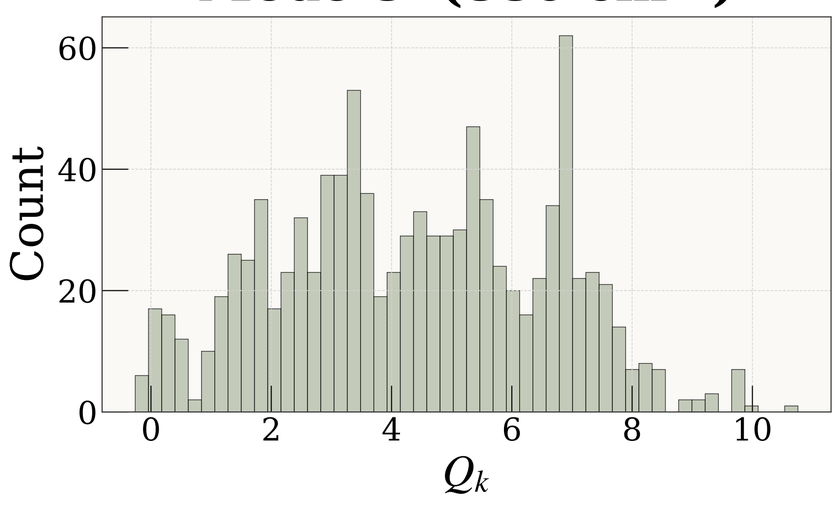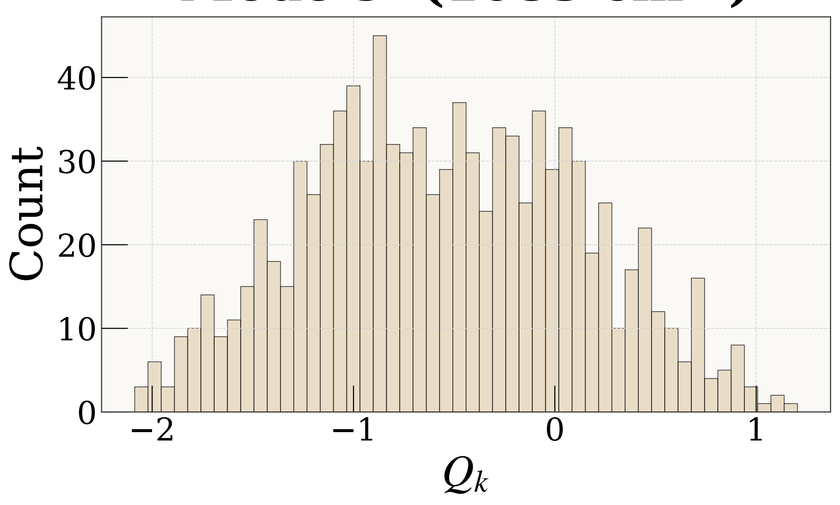Normal Mode Amplitude Distributions (Training Set)