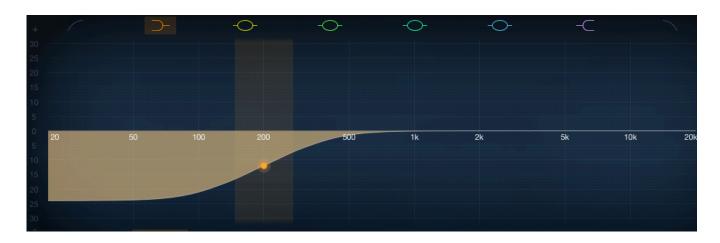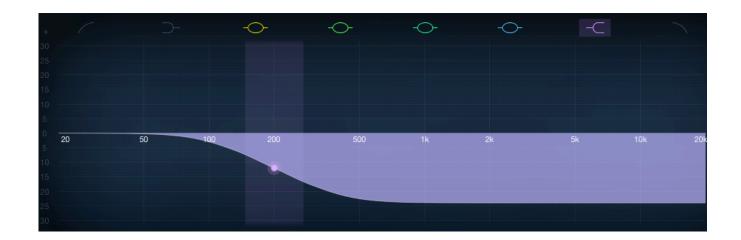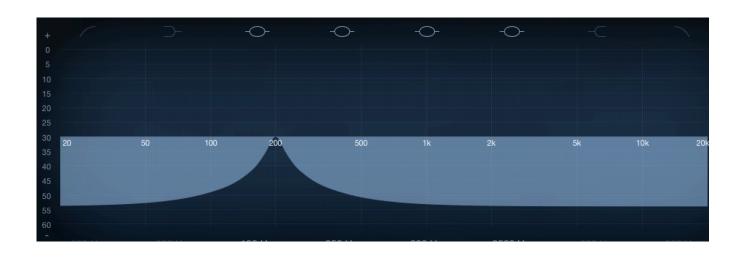# High Pass

Low Pass

Band Pass

Q Factor

-3 dB

Bandwidth

f_1 f_c f_2