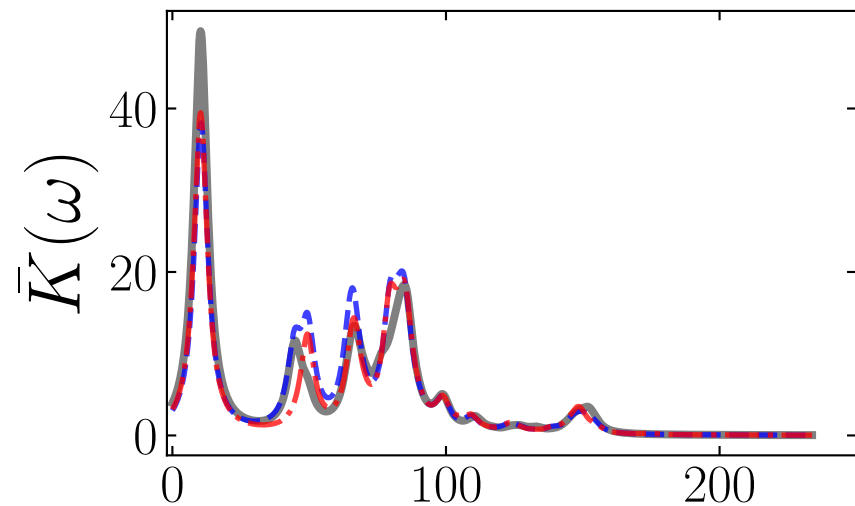
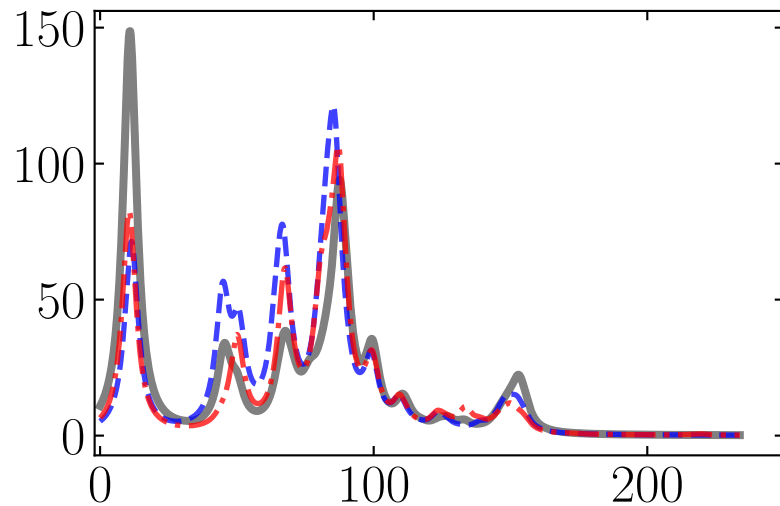


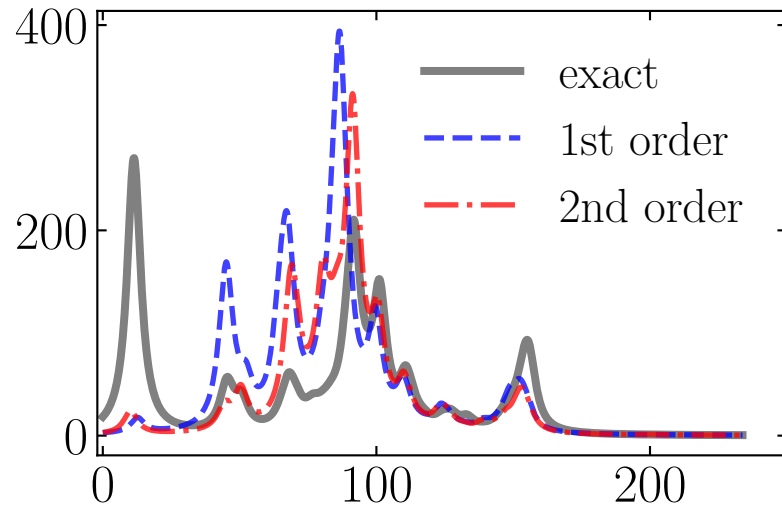
$$\omega_{as} = 100 \text{ cm}^{-1}$$
$$\tilde{\omega}_s = 105 \text{ cm}^{-1}$$



$$\omega_{as} = 150 \text{ cm}^{-1}$$
$$\tilde{\omega}_s = 112 \text{ cm}^{-1}$$



$$\omega_{as} = 200 \text{ cm}^{-1}$$
$$\tilde{\omega}_s = 122 \text{ cm}^{-1}$$



$\omega$  (cm<sup>-1</sup>)