You Tube Resources for NMR and IR spectroscopy and mass spectrometry (MS)

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<u>Excellent</u> set of YouTube videos on Knowbee

(I don't condone the lecturer's granting of gender to atoms, nuclei, molecules, and spectra. They also routinely and incorrectly refer to a single nucleus as a "nuclei". Ok, we'll look past these imperfections to benefit from the rest of the well-done content.)

Fundamentals of NMR spectroscopy:

Series of ten videos. Total of ca. 2 h of viewing. (see screen shots below for contents/topics)
https://www.youtube.com/watch?v=TJhVotrZt9I&list=PL6CD5AlpaPUEkncpJh4SH-nIuapxxlq0j

Fundamentals of IR spectroscopy: (15 min)

https://www.youtube.com/watch?v=0S_bt3JI150

Fundamentals of Mass spectrometry:

The instrument, how it works, and the molecular ion (20 min)
https://www.youtube.com/watch?v=2oPUyIbPxLo

Fragmentation (Parts 1 and 2; 24 and 12 min):
https://www.youtube.com/watch?v=FCCFiyoDTaM
https://www.youtube.com/watch?v=mbXOP28W9z8