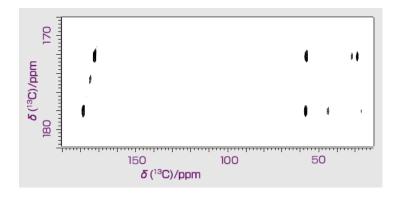
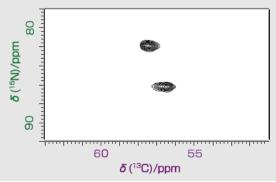


## Overview of new solid NMR probe: HCN MAS probe

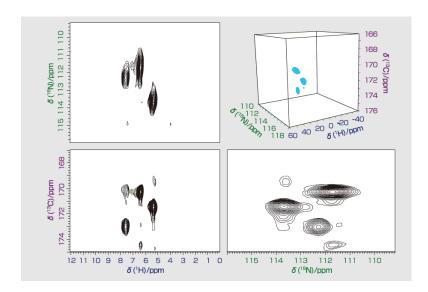
Product used: Nuclear Magnetic Resonance (NMR)

Triple resonance HCN MAS probe is dedicated to analyze mainly biological samples. Wide variety sample stators (0.75mm, 1mm, 2mm, and 3.2mm) will be available for <sup>1</sup>H, <sup>13</sup>C observations and/or various purpose. Also, HCN probe with FTS type temperature control unit is capable to keep suitable sample temperature under high MAS speed.





2D NCOCX(left) and 2D CONCA(right) spectra Instrument: JNM-ECZ600R + 3.2 mm HCN MAS probe Sample: 15N, 13C labeled MLF Tri-peptide



3D CO(CA)NH spectrum Instrument: JNM-ECZ600R + 0.75 mm HCN MAS probe Sample: 15N, 13C labeled f-MLF Tri-peptide



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