

Supplementary Materials

Ultrasound-Assisted 1,3-Dipolar Cycloadditions Reaction Utilizing Ni-Mg-Fe LDH: A Green and Sustainable Perspective

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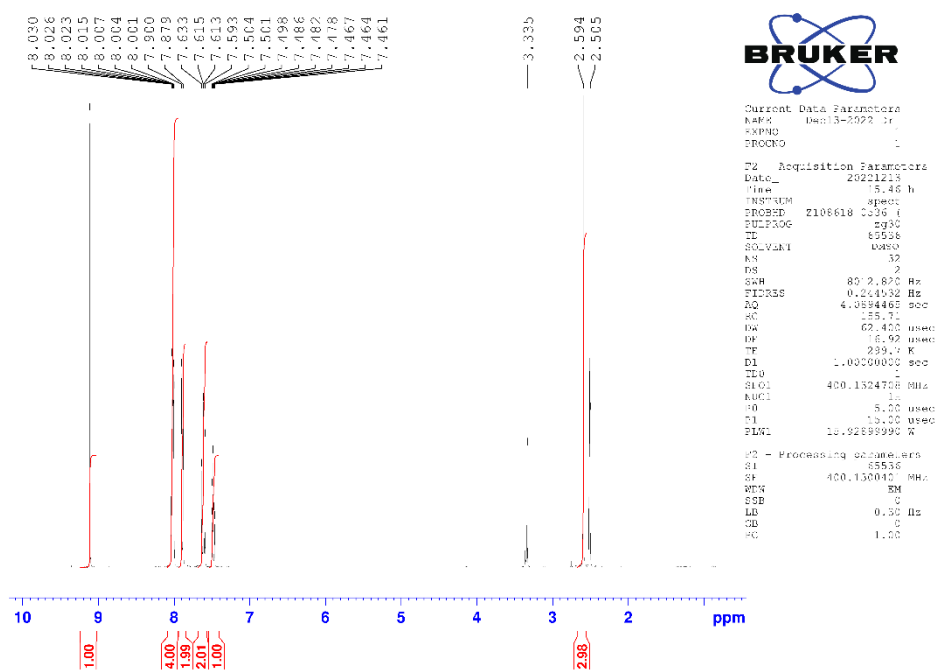
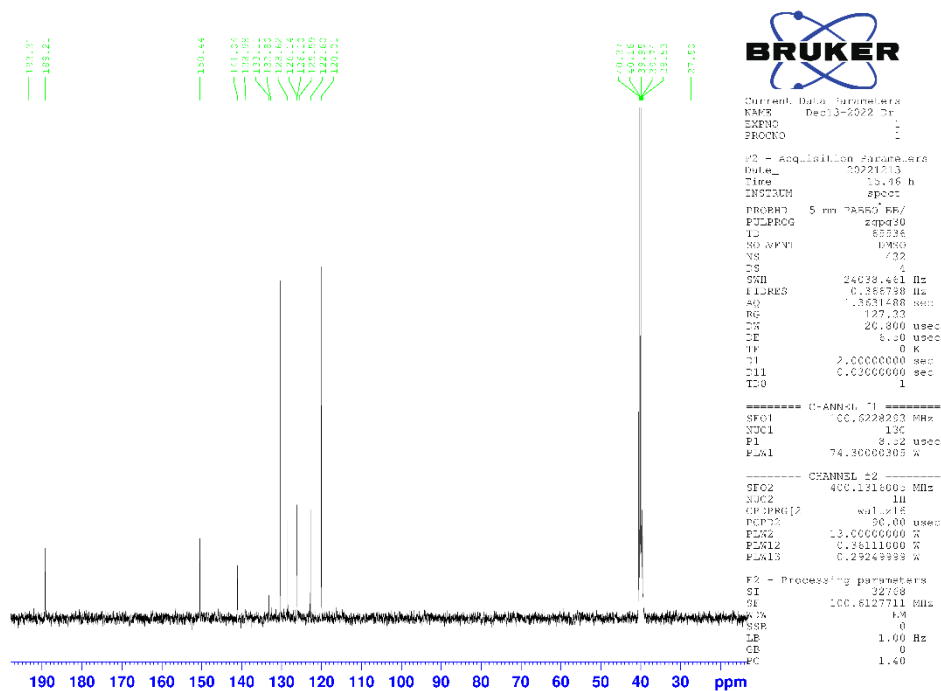
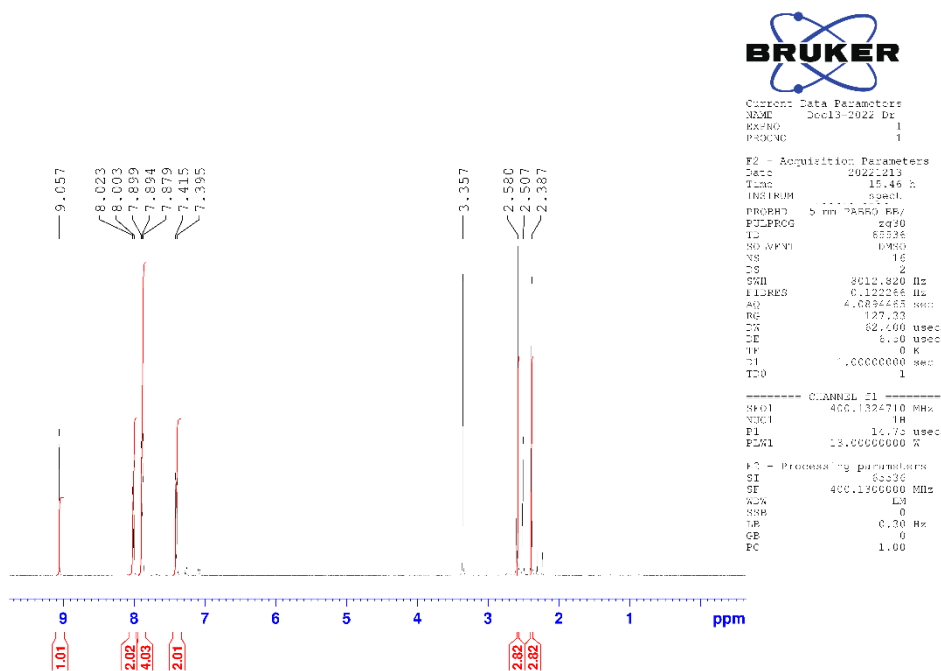
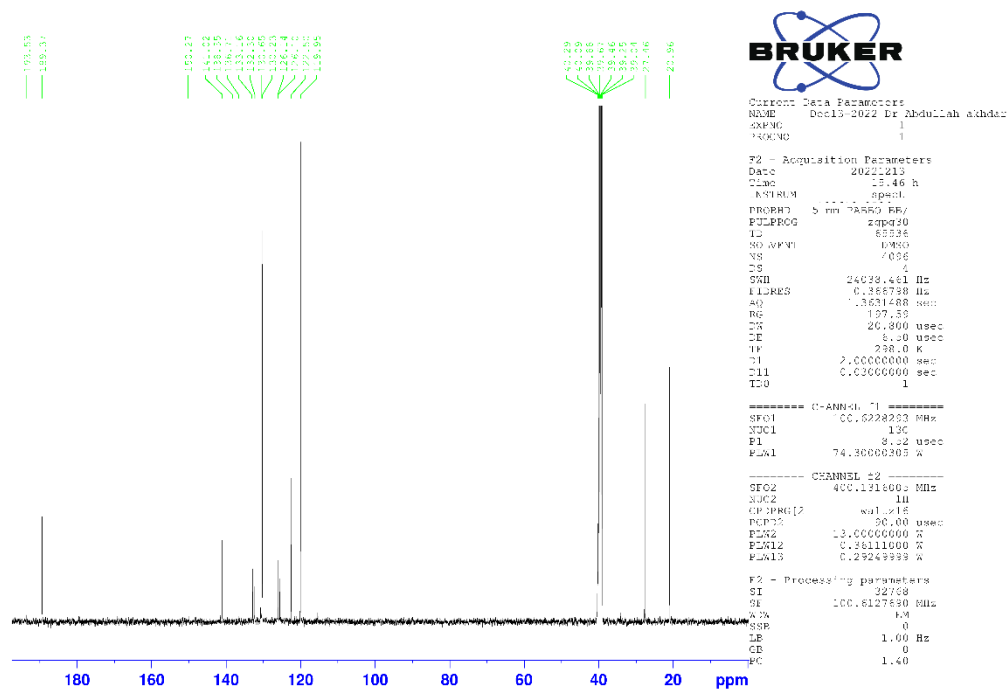
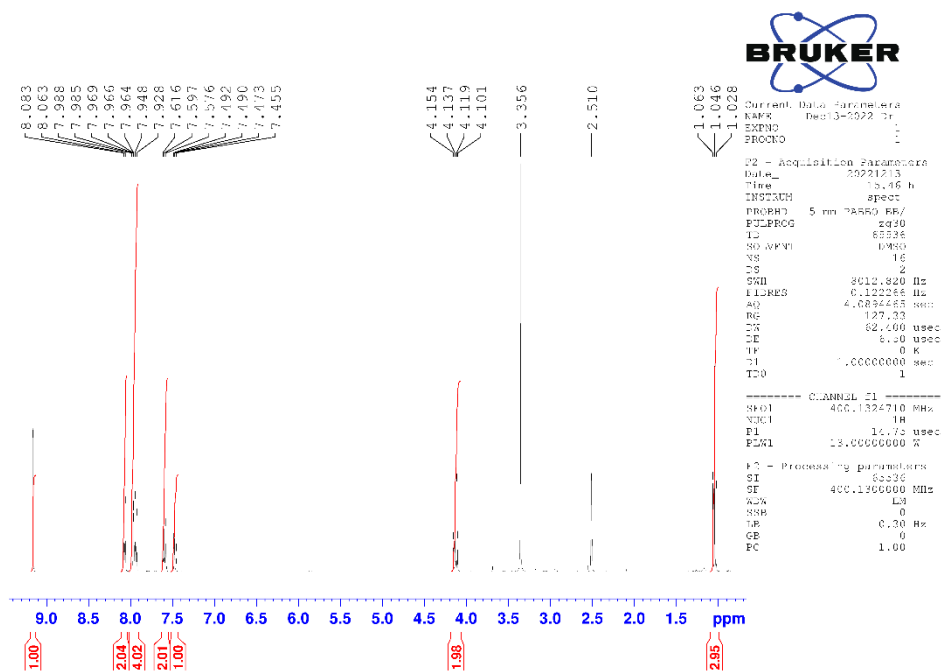
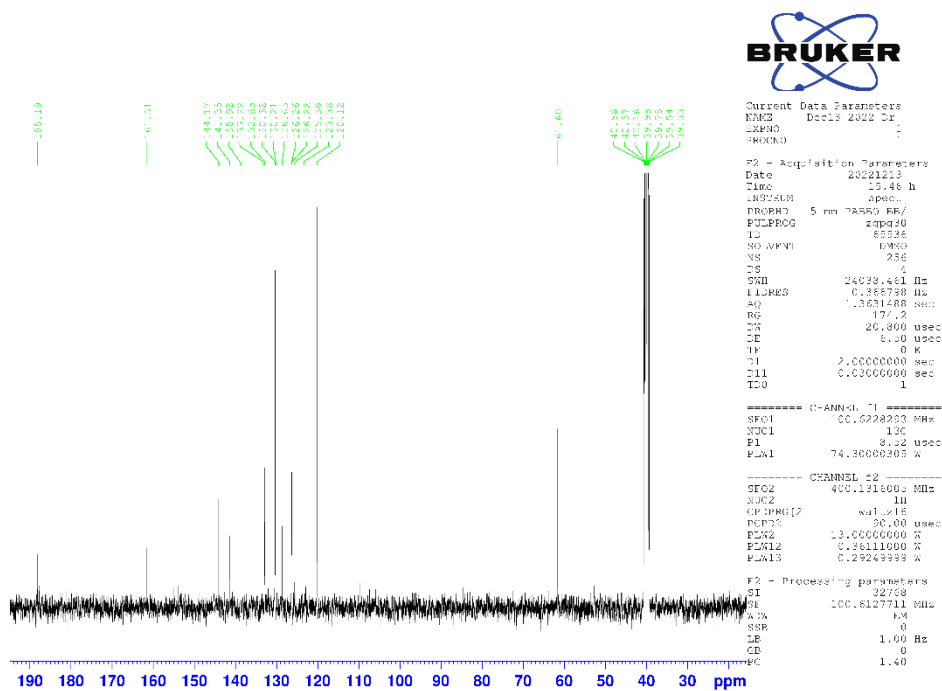
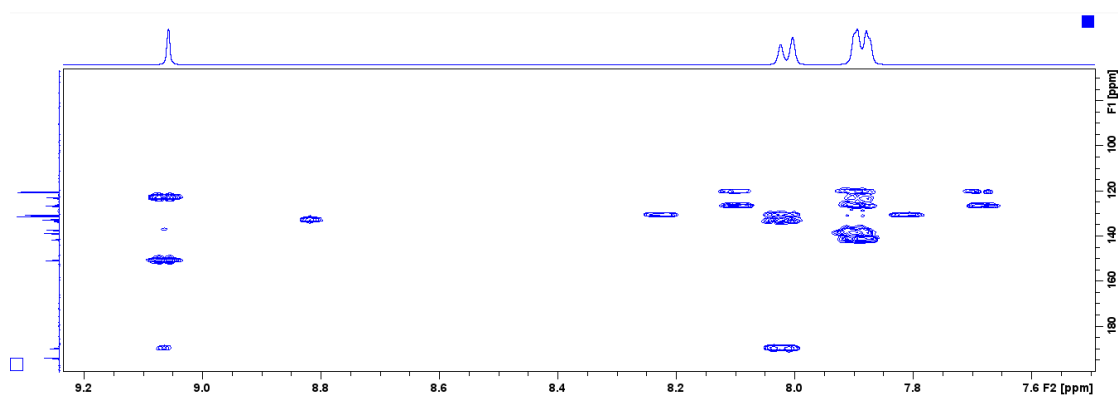


Figure S1. ¹H NMR of compound 5a.

Figure S2. ^{13}C NMR of compound 5a.Figure S3. ^1H NMR of compound 5b.

Figure S4. ^{13}C NMR of compound 5b.Figure S5. ^1H NMR of compound 5c.

Figure S6. ^{13}C NMR of compound 5c.Figure S7. ^1H - ^{13}C -HMBC NMR that show one correlation between the pyrazole proton towards one carbonyl only.