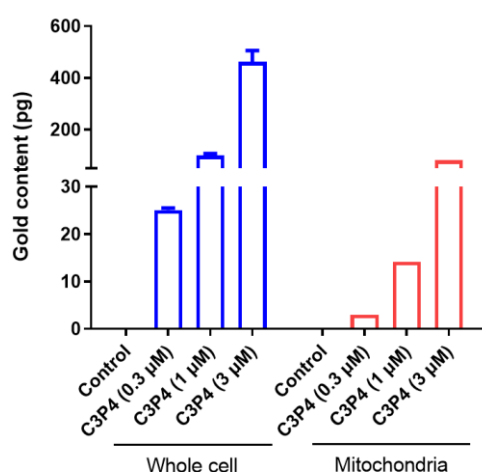


## Supporting Materials

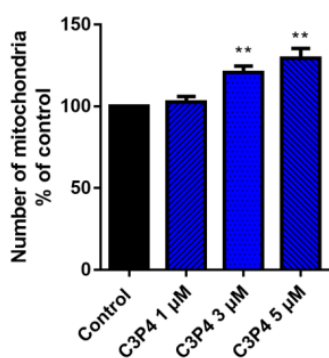
# Synthesis and biological evaluation of novel bi-gold mitocans in lung cancer cells

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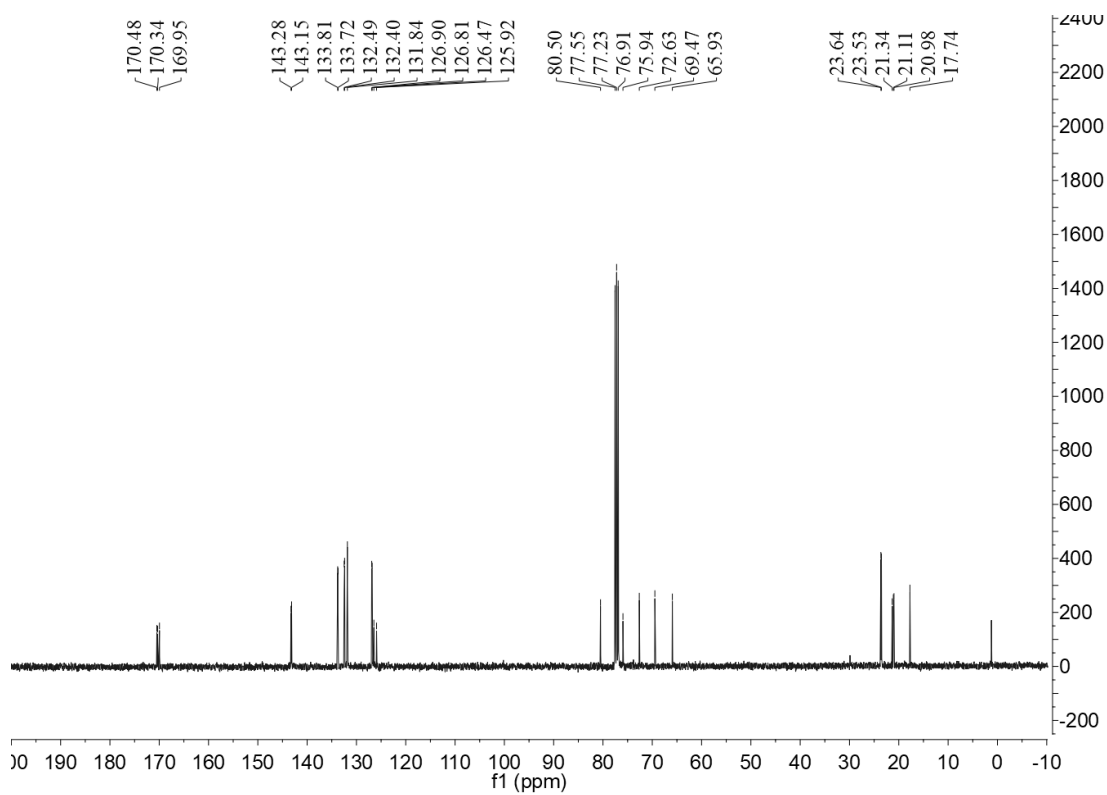
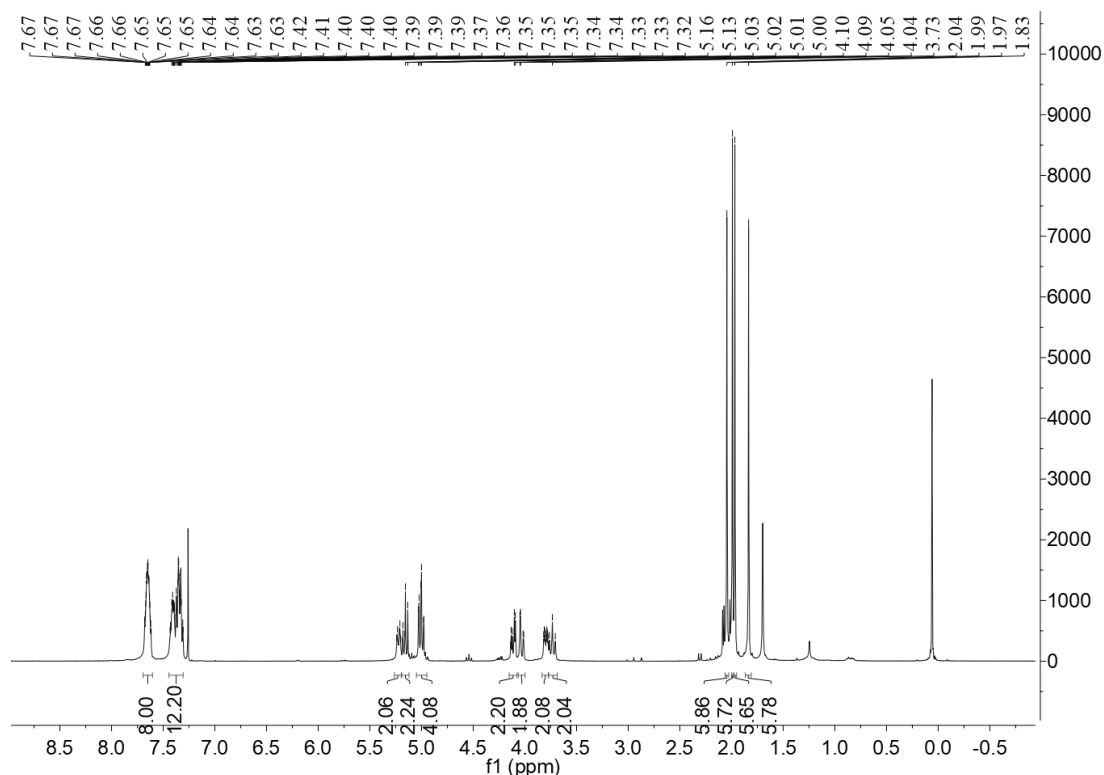
**Figure S1.** Gold contents in whole cells and isolated mitochondria of each group.



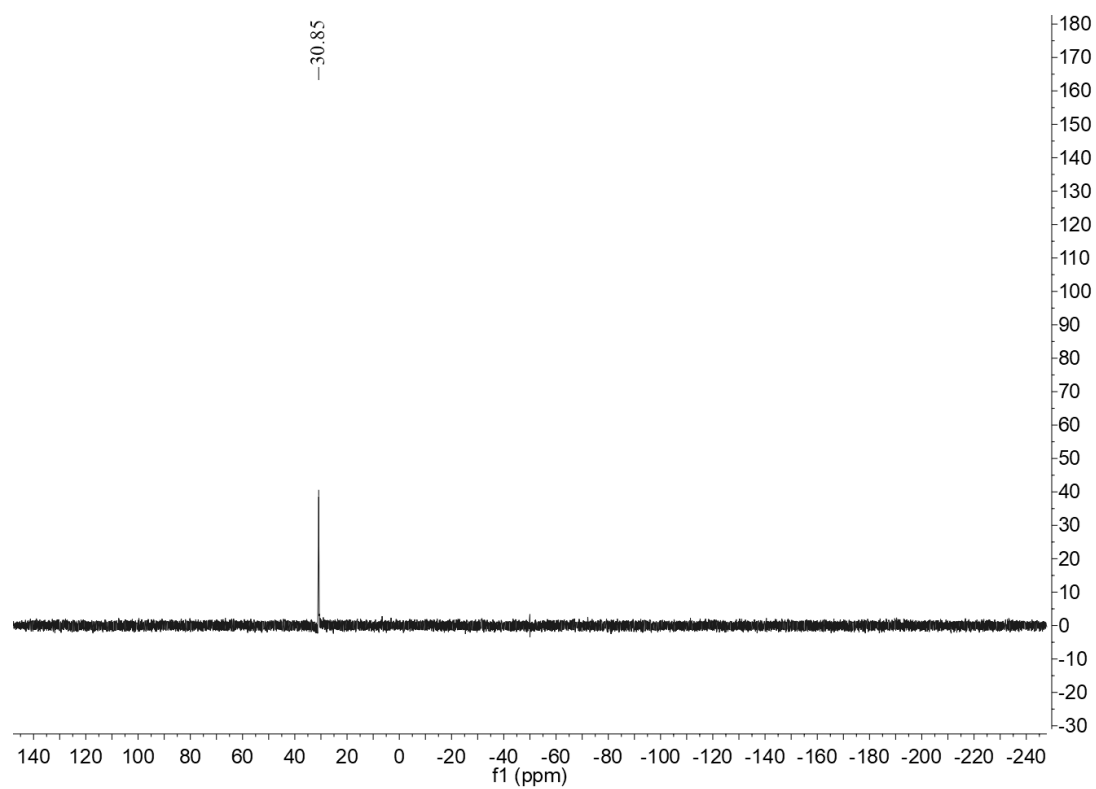
**Figure S2.** C3P4 at 3 and 5 μM slightly increased mitochondria number. \*\*  $P < 0.01$  vs Control.

# NMR spectrum

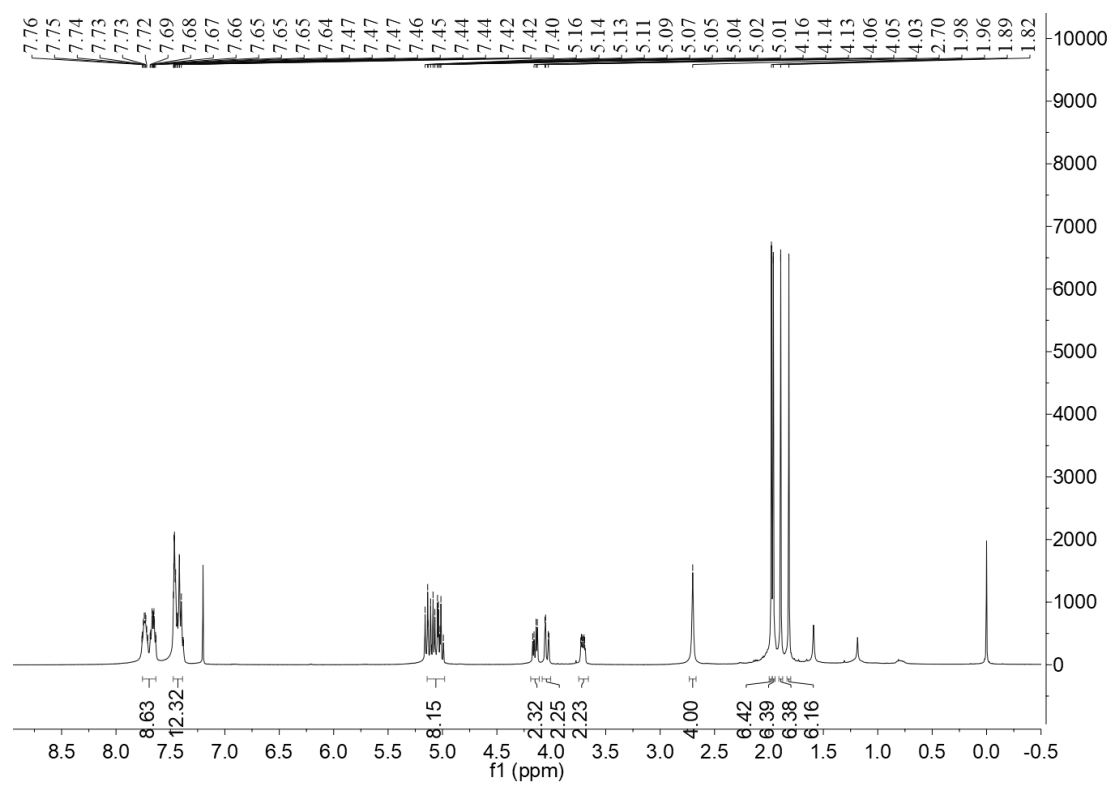
C1P2



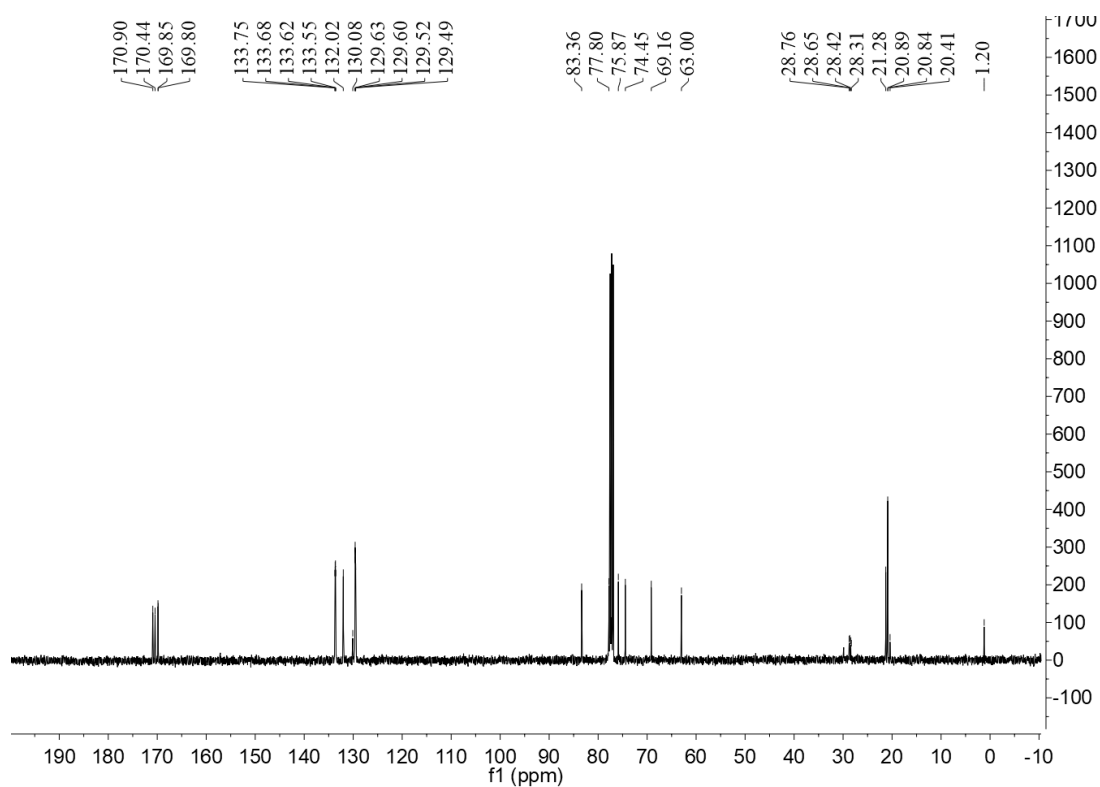
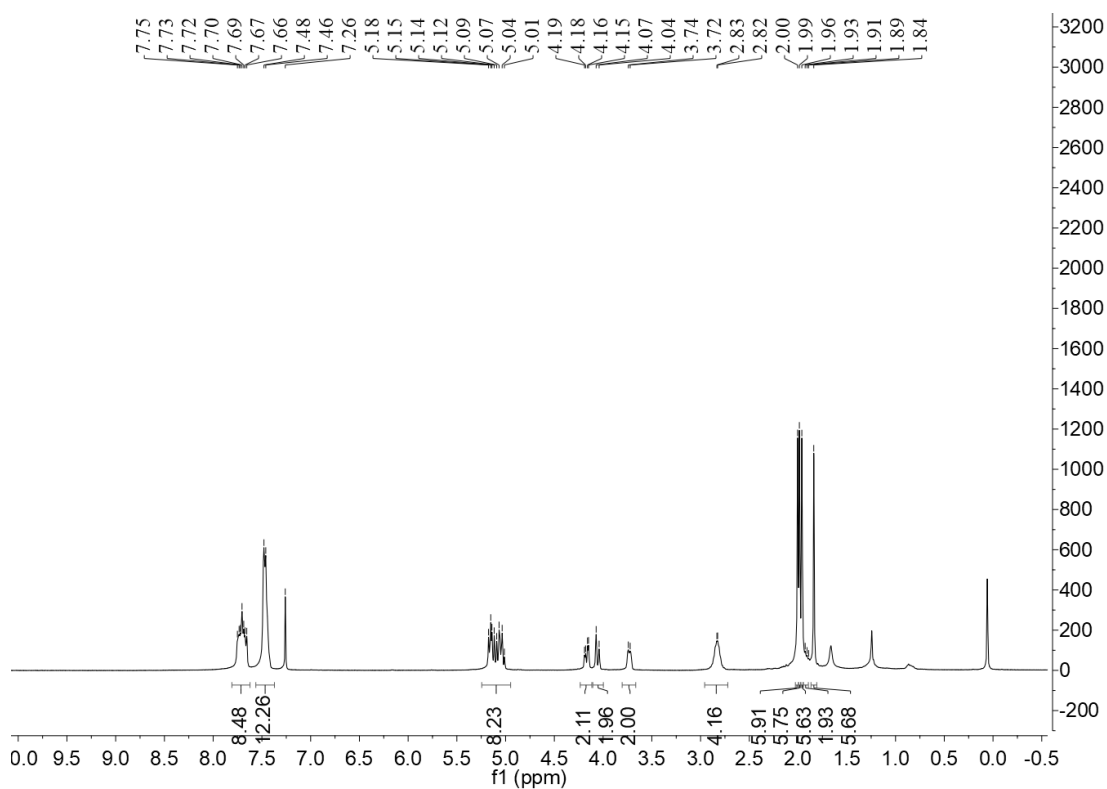
# P-NMR



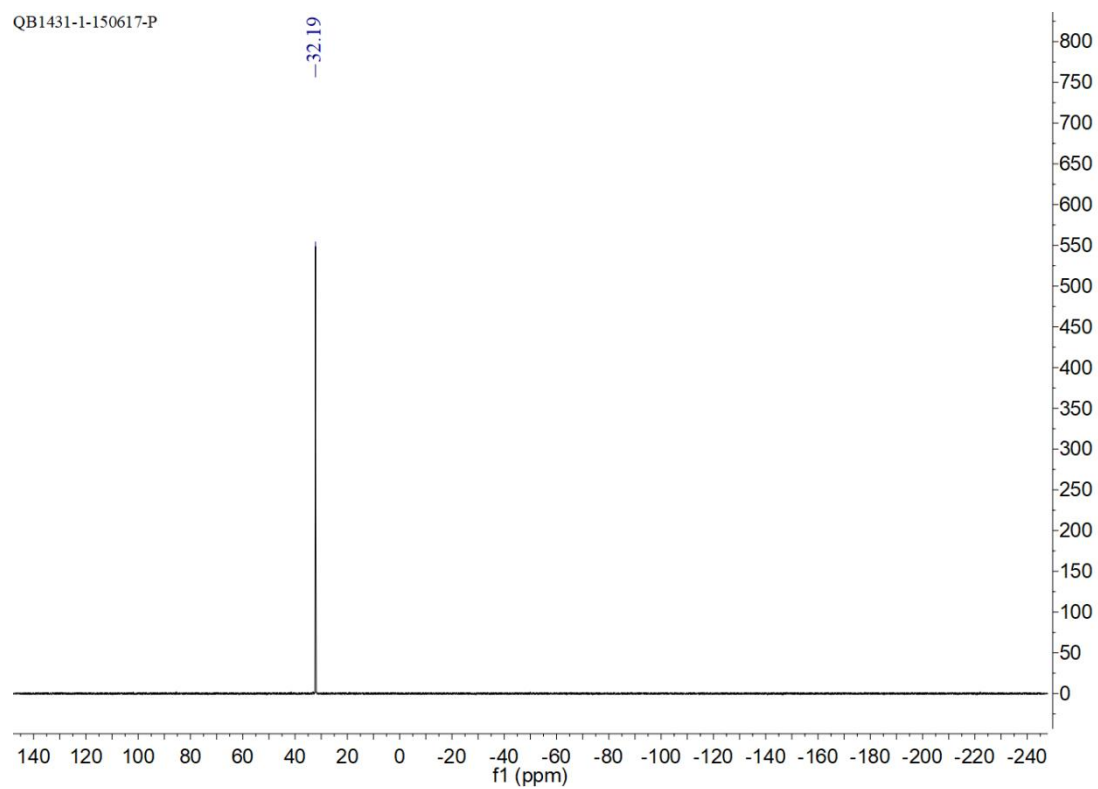
**C1P3** (known compound)



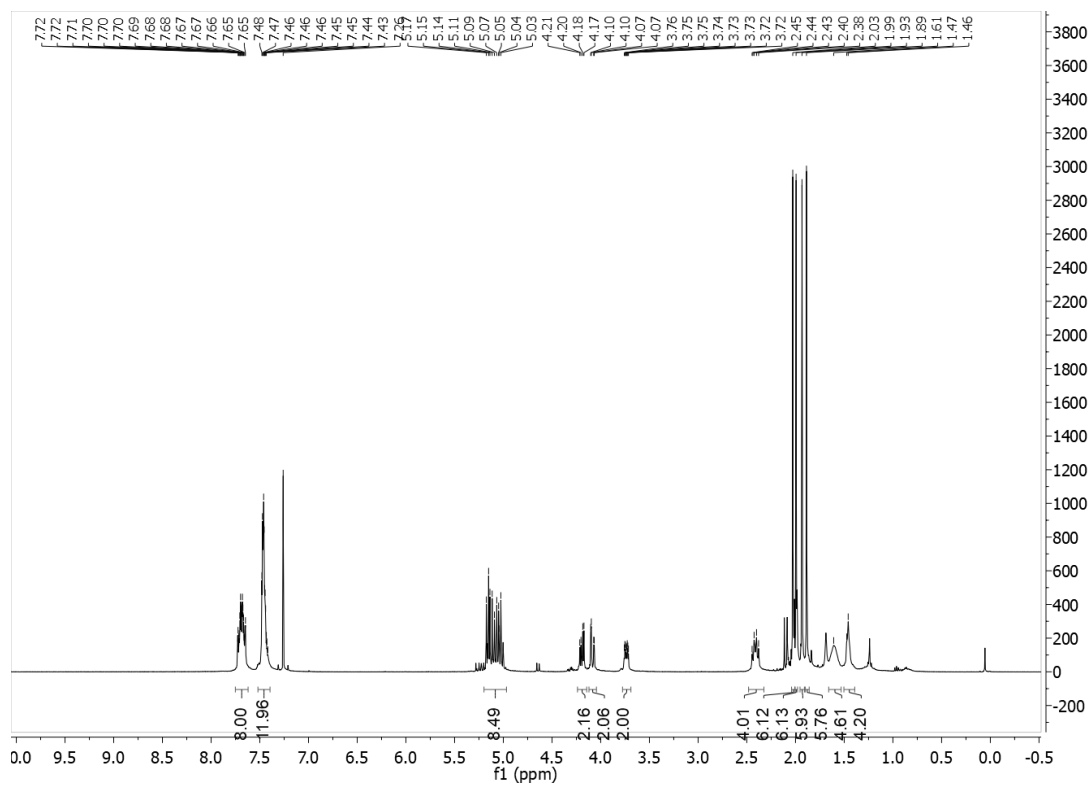
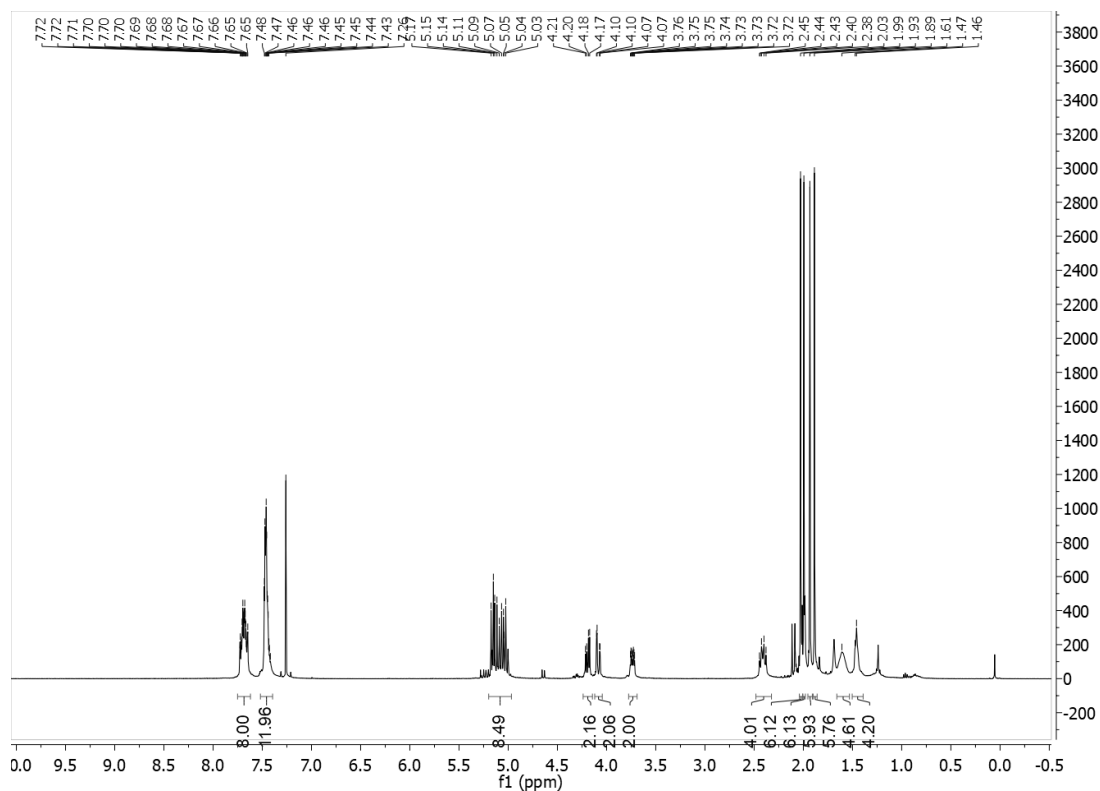
# C1P4



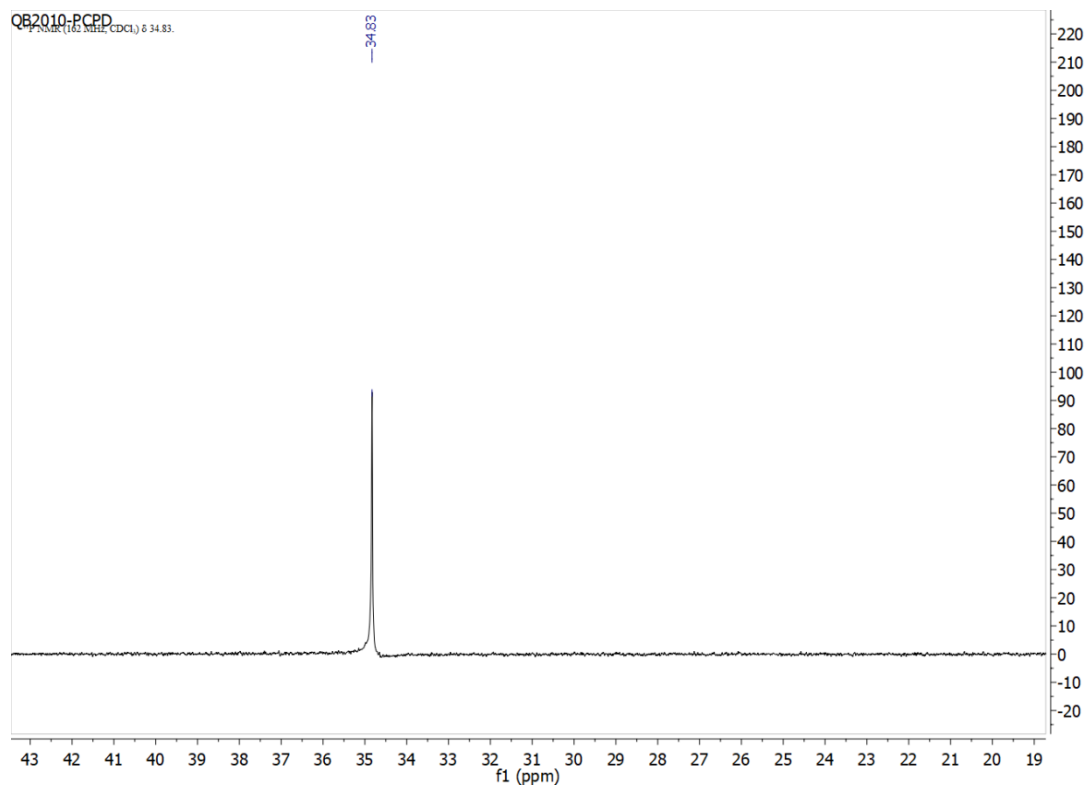
QB1431-1-150617-P



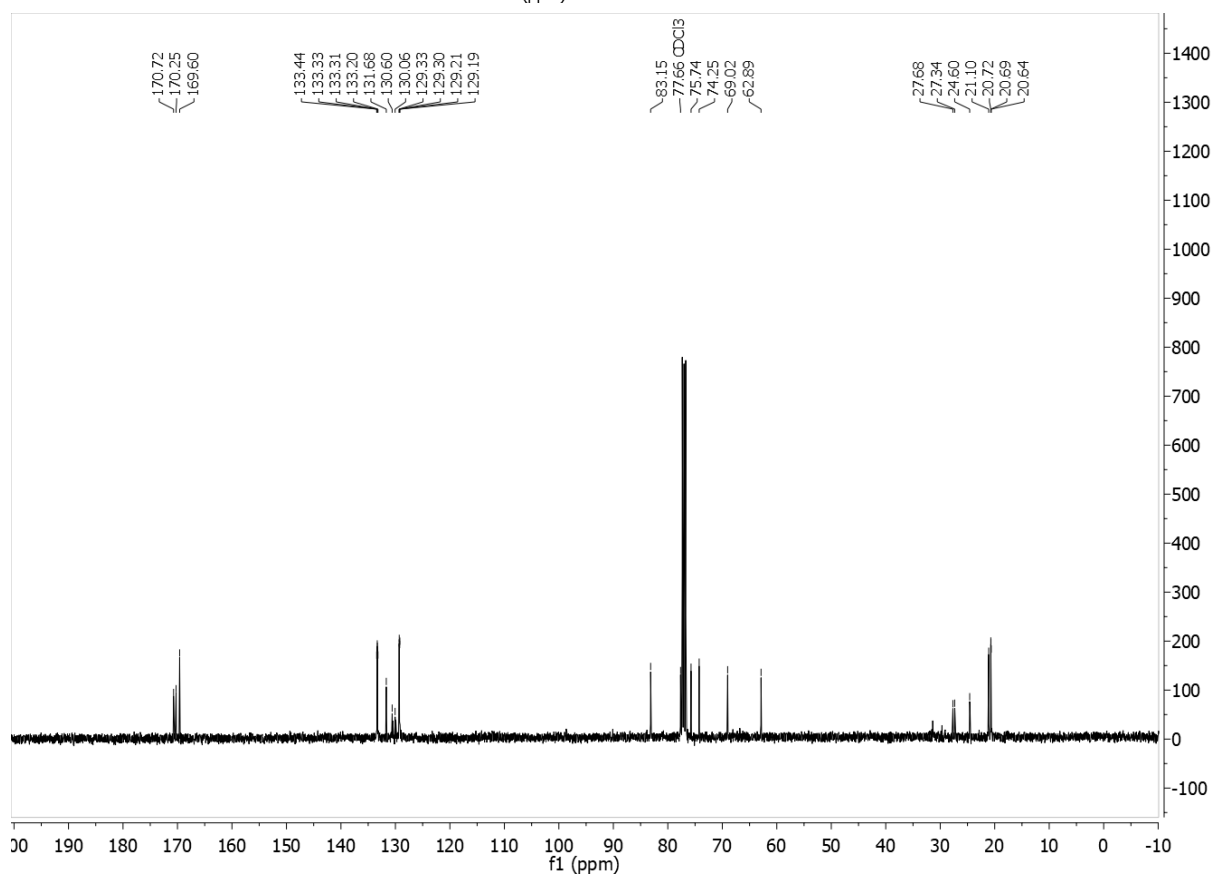
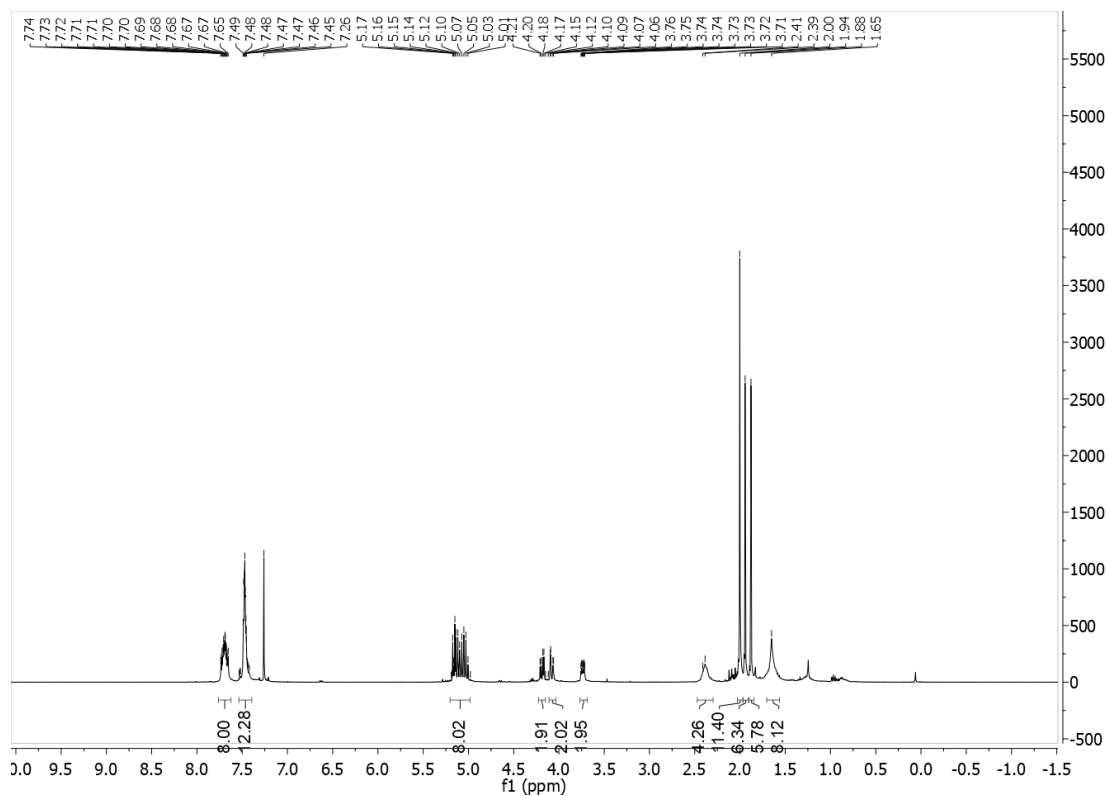
C1P5



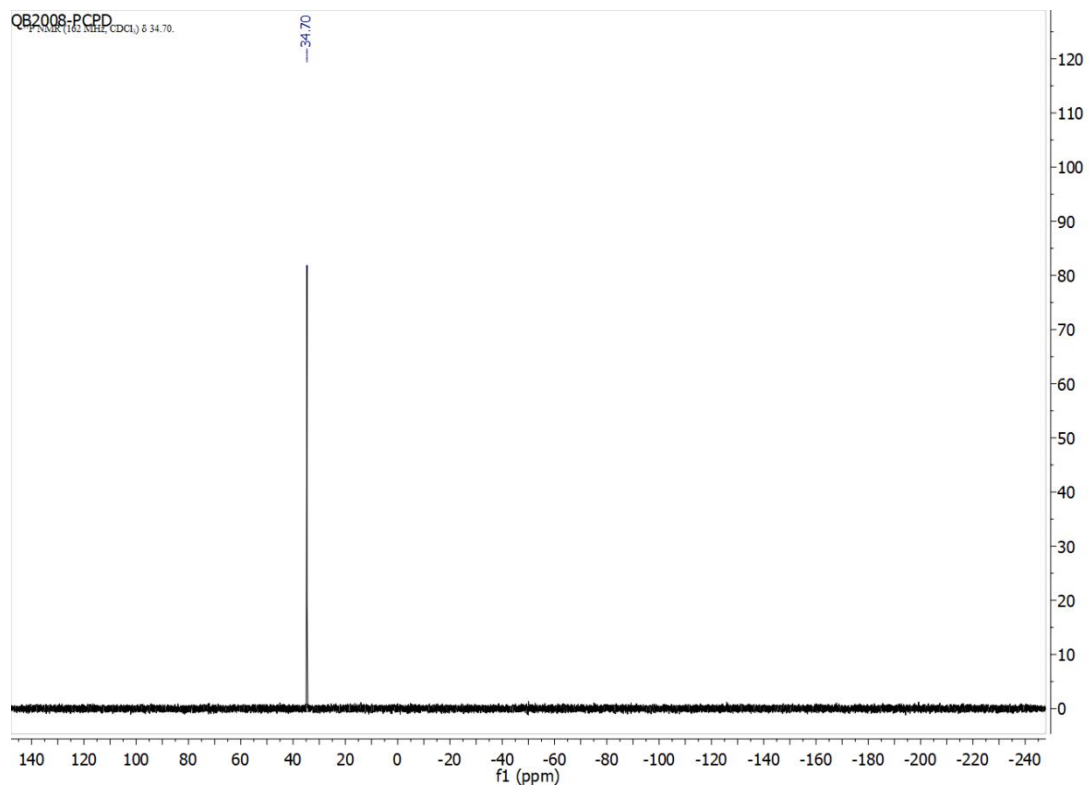
QB2010-PCPD  
F2 NMR (101 MHz, CDCl<sub>3</sub>) δ 34.83.



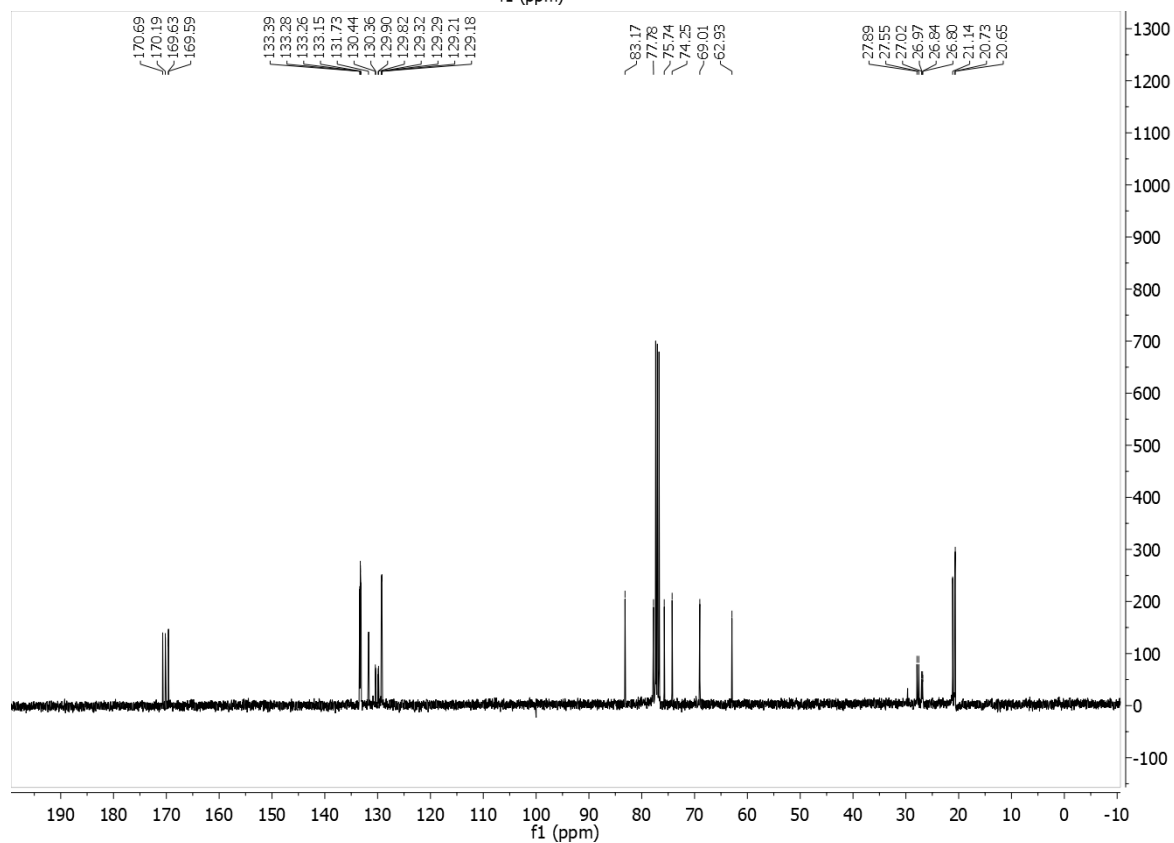
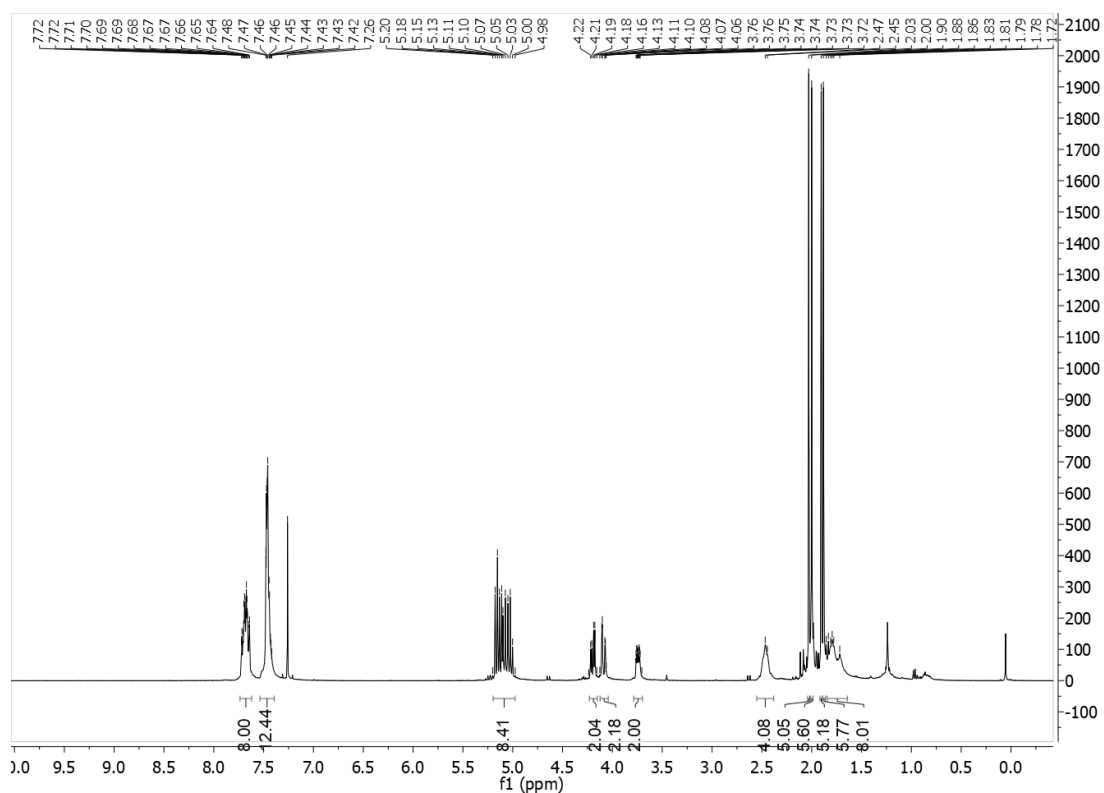
# C1P6



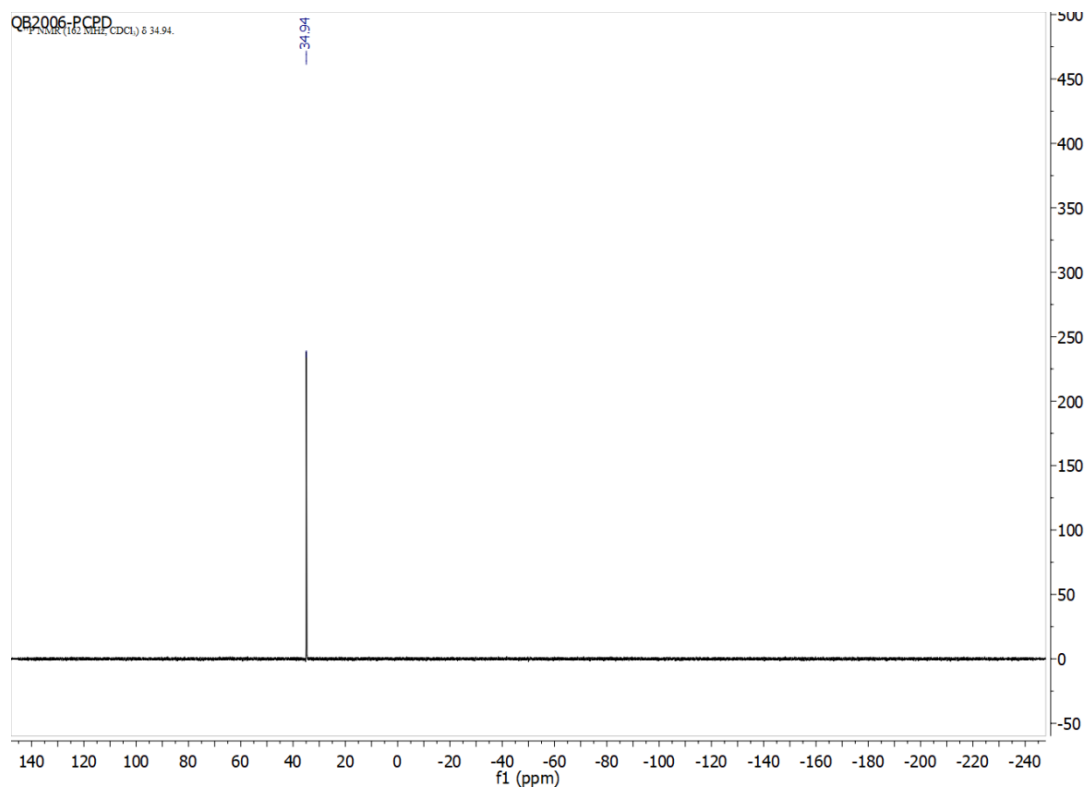
QB2008-PCPD  
F2A08 (16, MHz, CDCl<sub>3</sub>) δ 34.70.



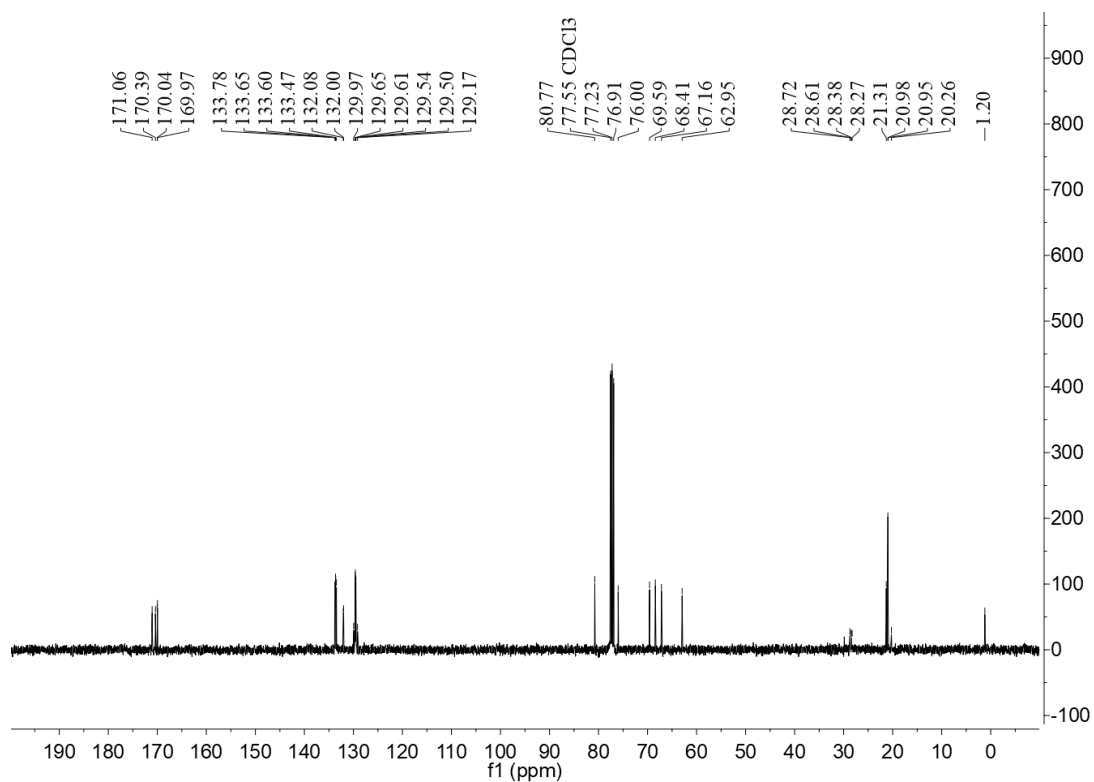
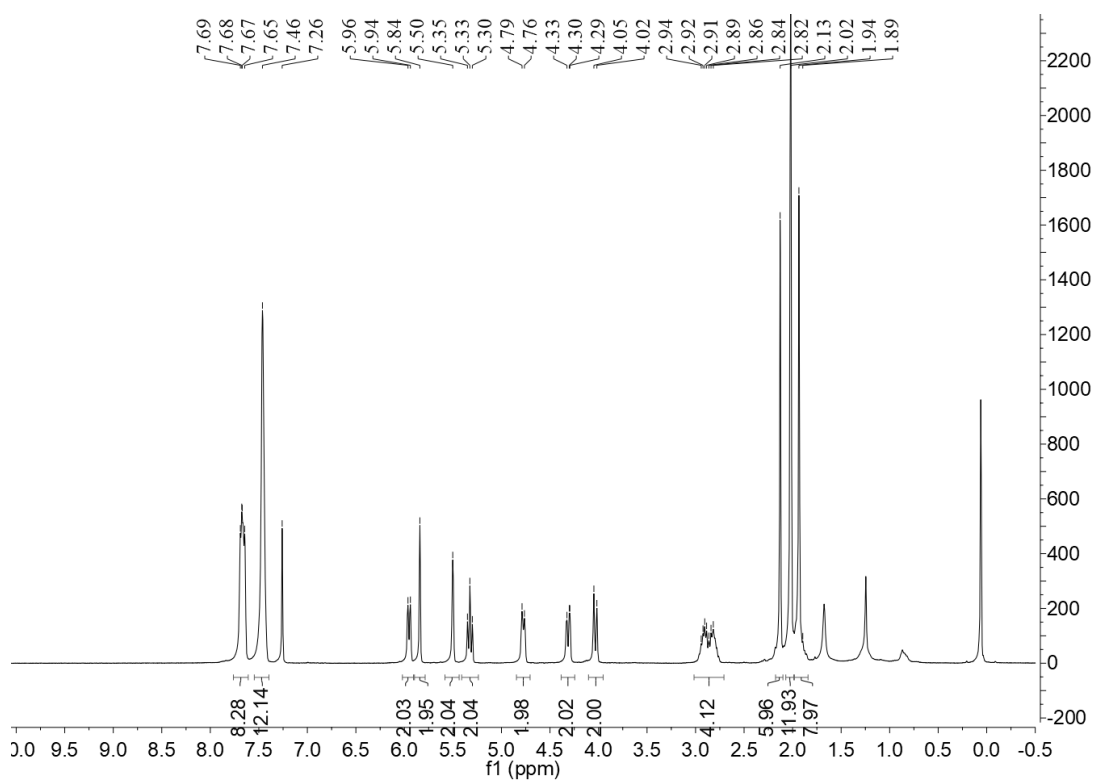
# C1P7



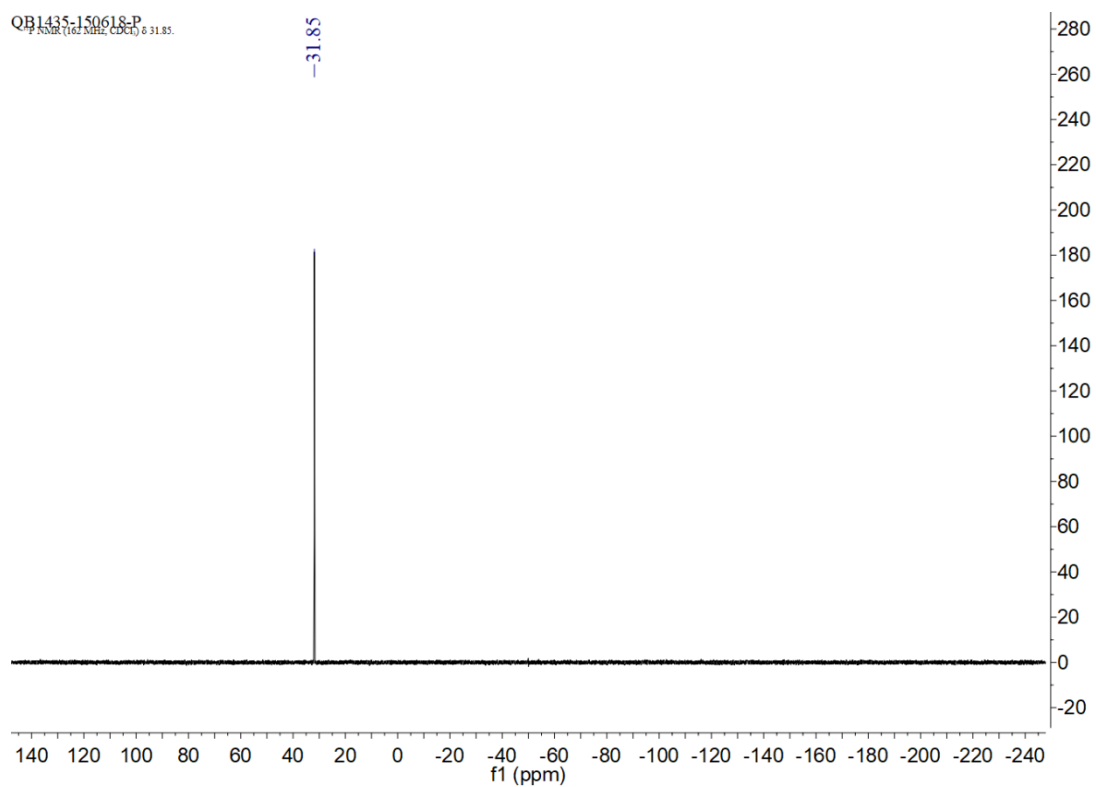
QB2006-PCPD  
F2A06 (16, MHz, CDCl<sub>3</sub>) δ 34.94.



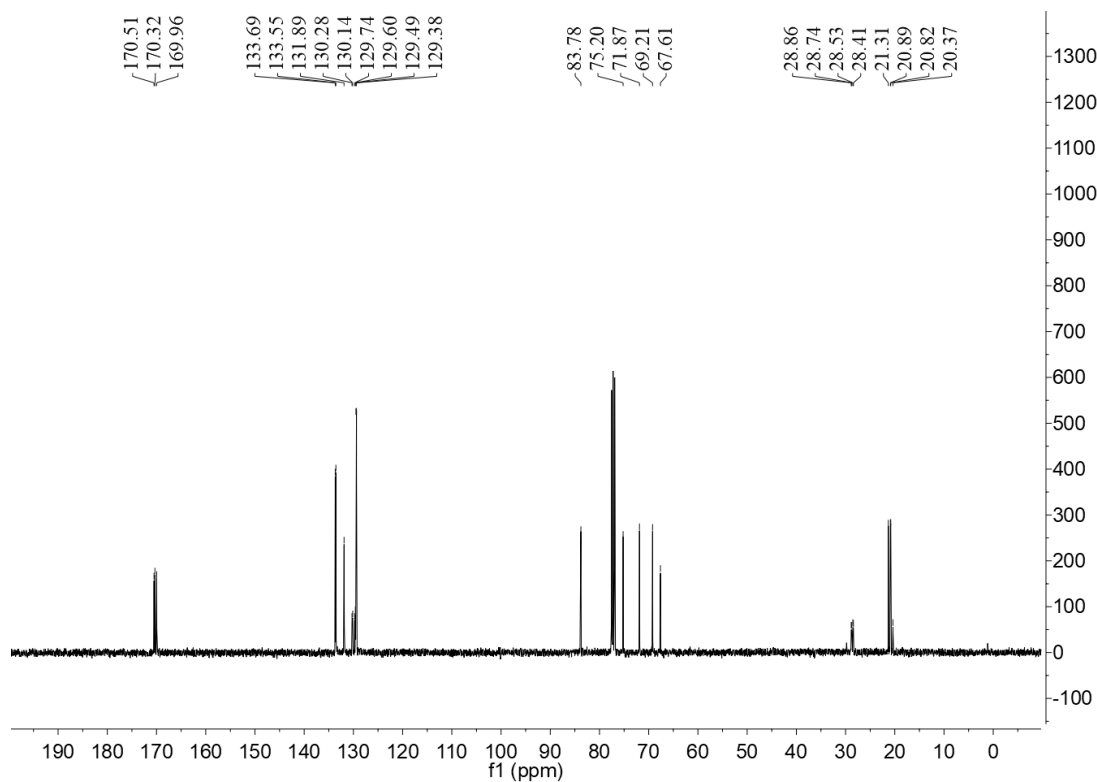
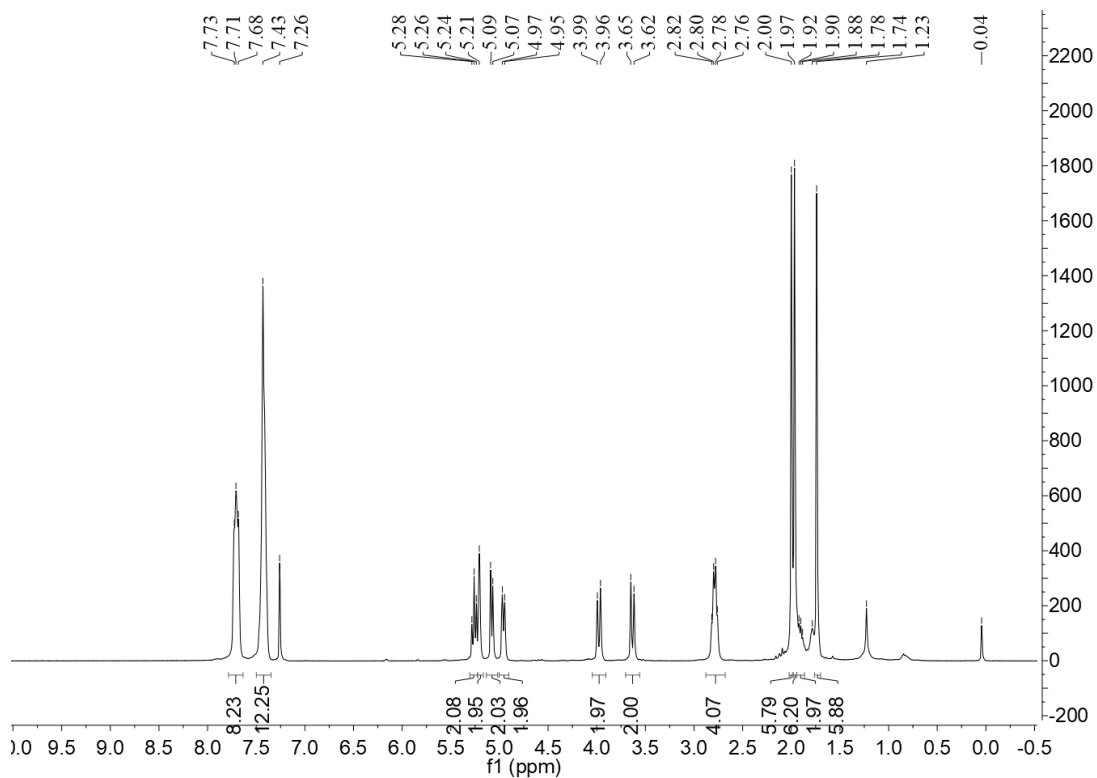
C2P4



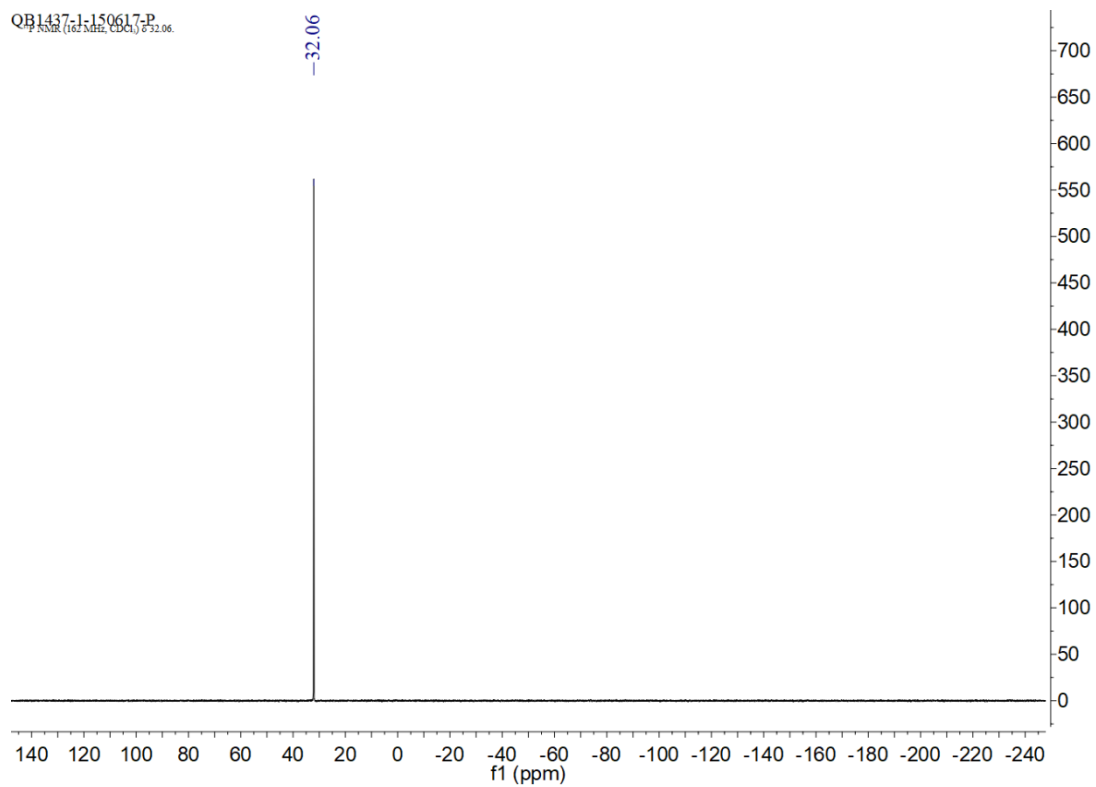
QB1435-150618-P  
P NMR (161 MHz, CDCl<sub>3</sub>) δ 31.85.



# C3P4

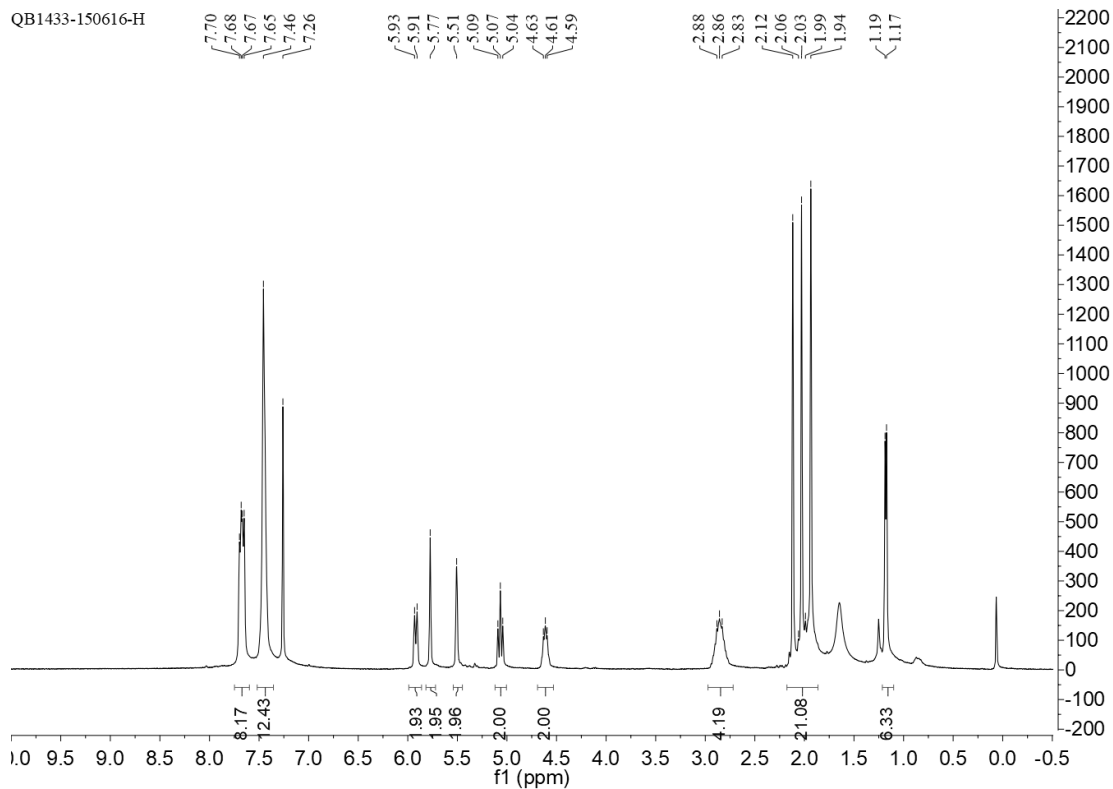


QB1437-1-150617-P  
1H NMR (167 MHz, CDCl<sub>3</sub>) 7.32.06

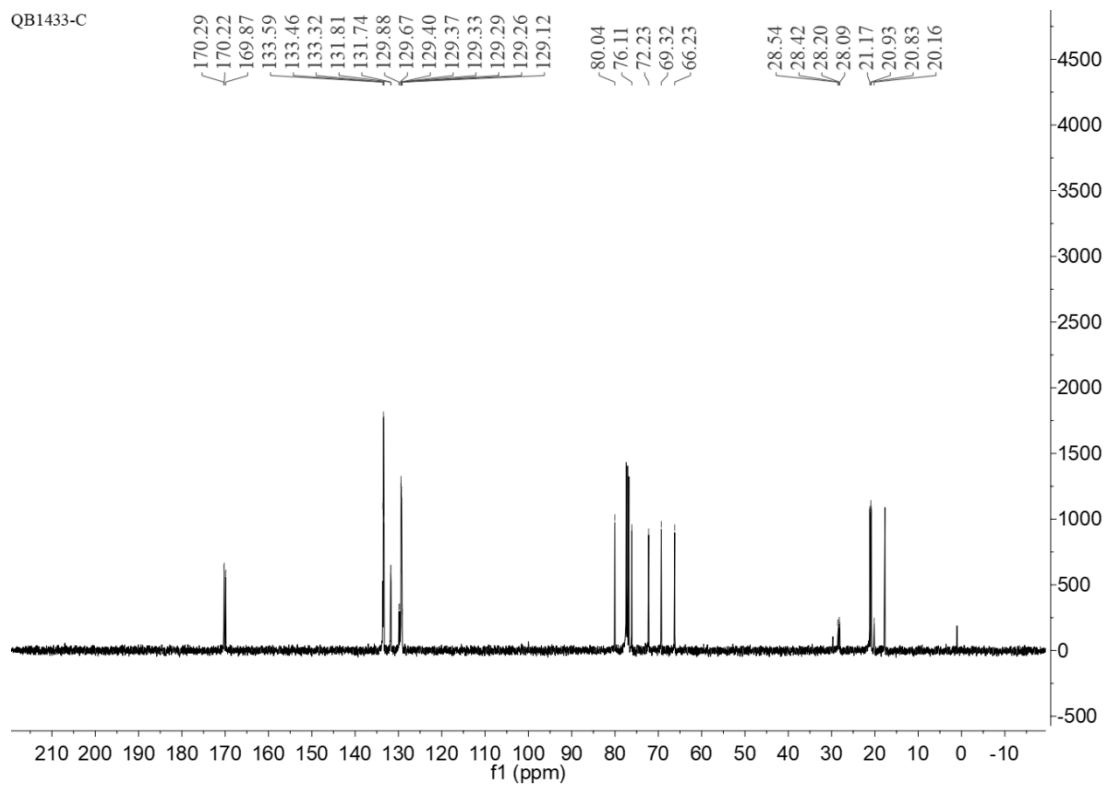


# C4P4

QB1433-150616-H



QB1433-C



QB1433-150616-P  
P 53MR (163 MHz, CDCl<sub>3</sub>) δ 32.20.

