Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

A Relay Ring-Opening/Double Ring-Closing Metathesis Strategy for the Bicyclic Macrolide-Butenolide Core Structures

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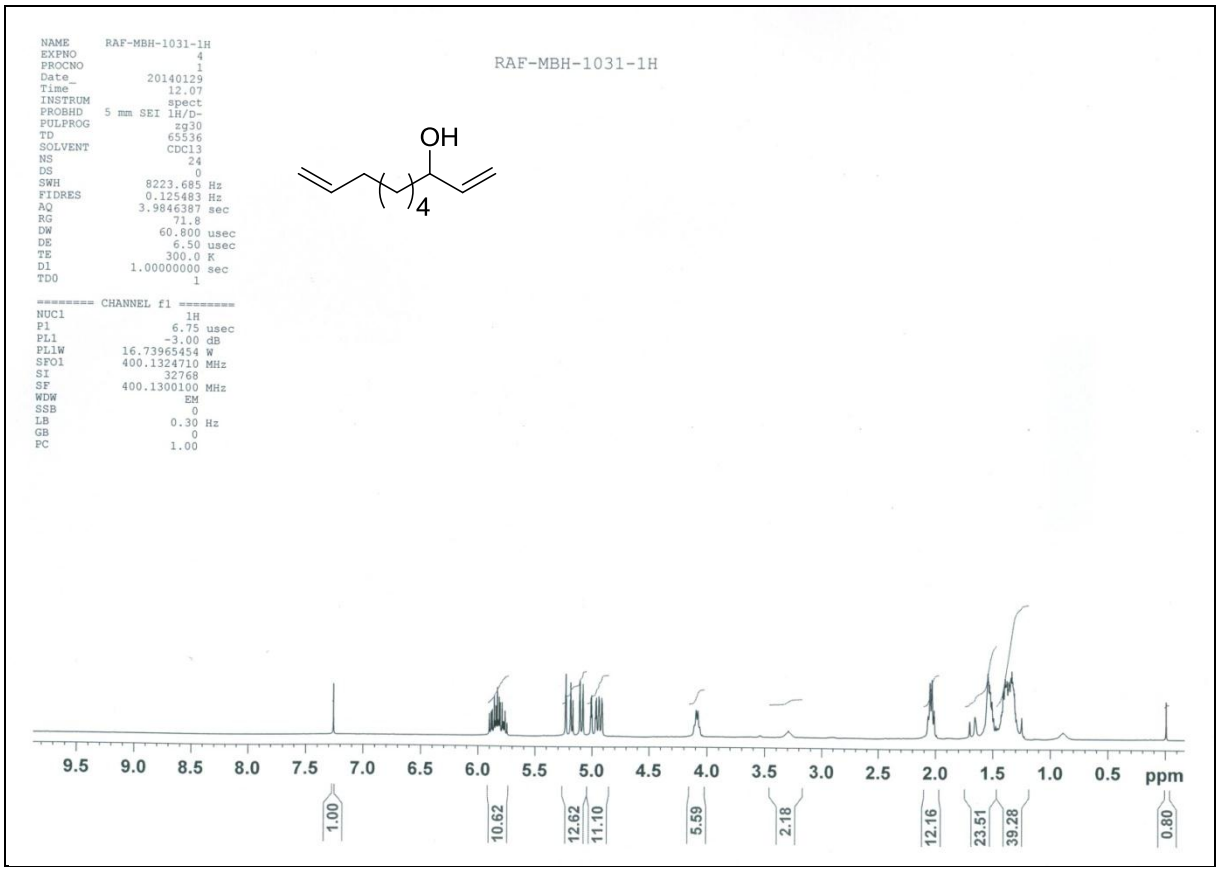
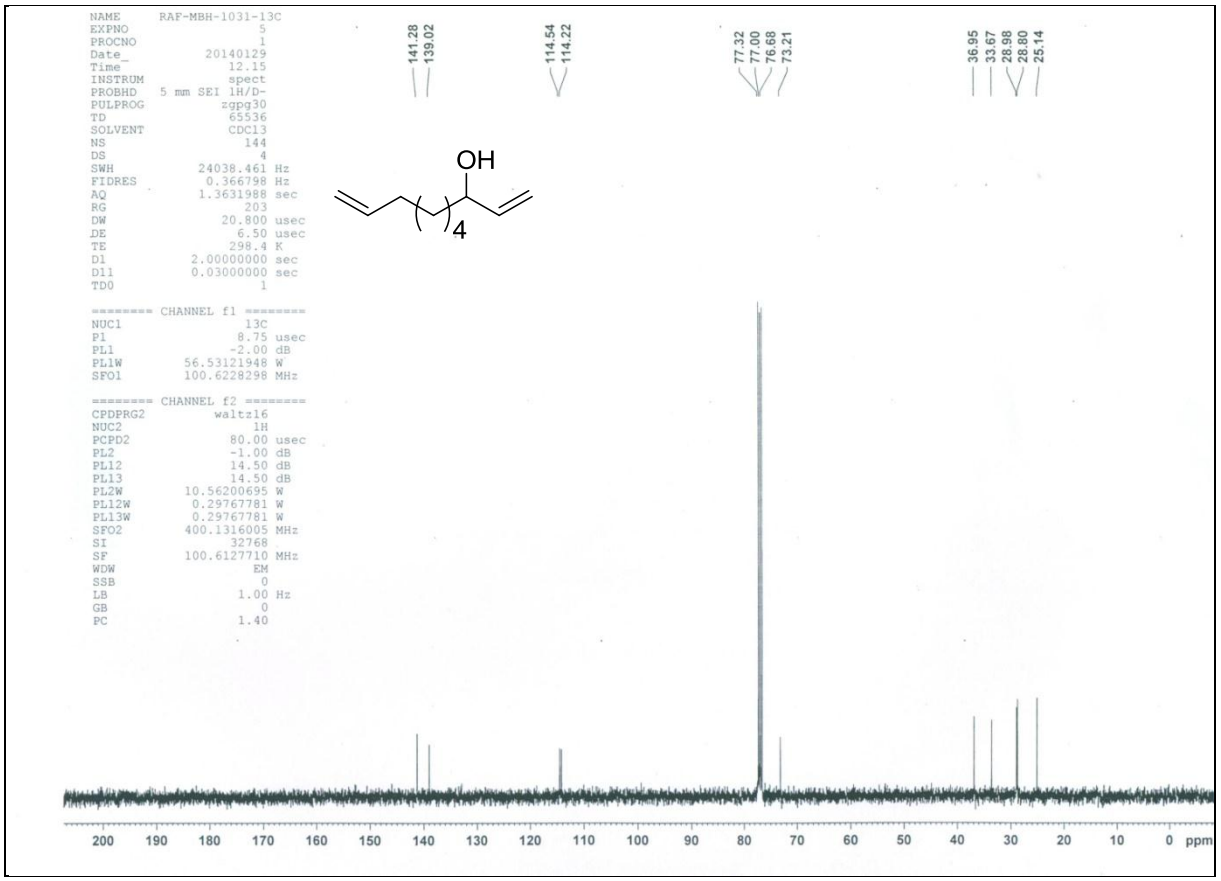
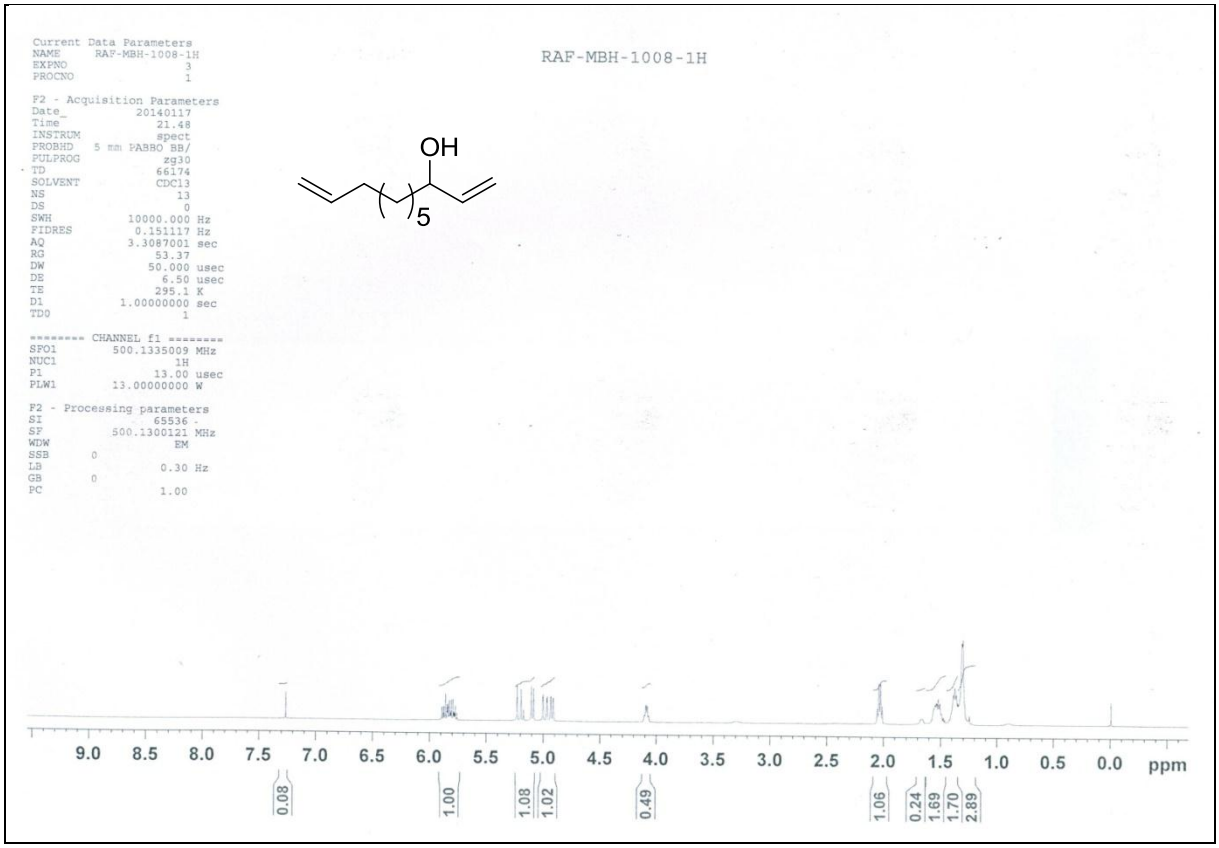
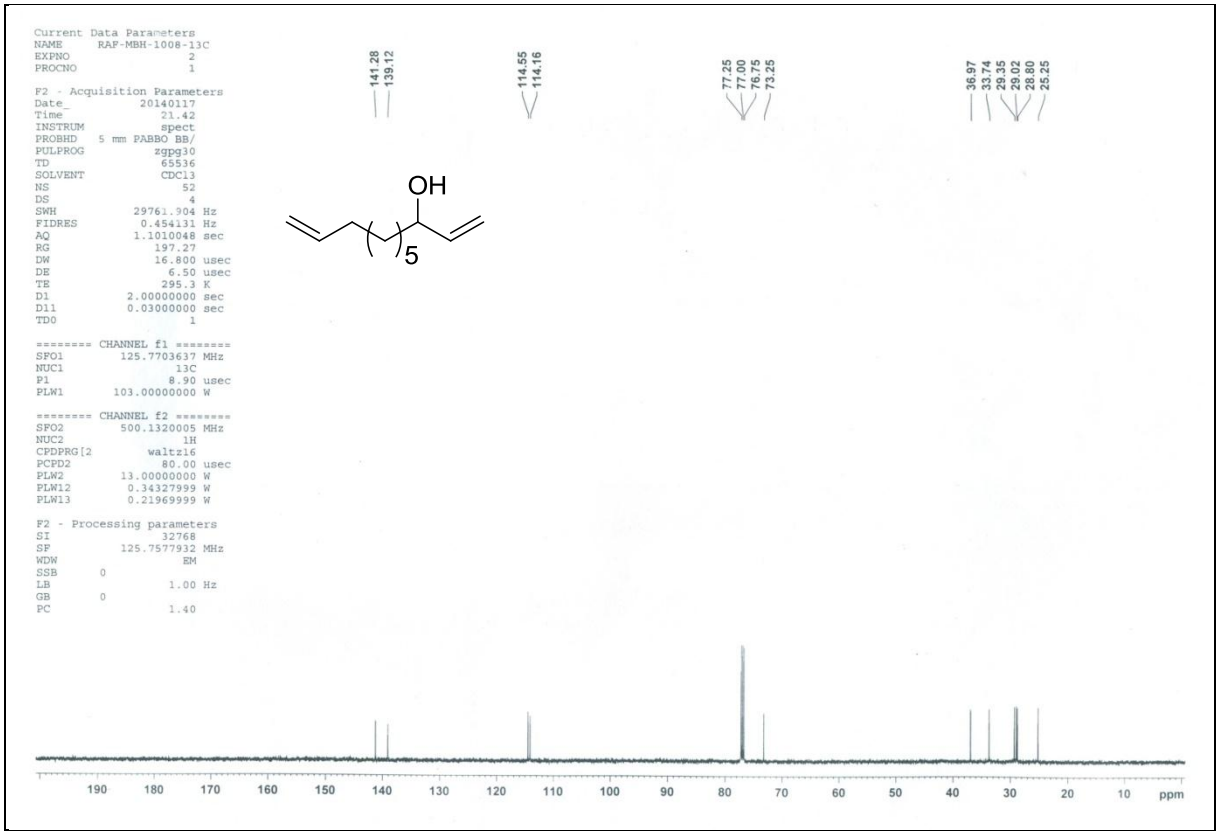
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **9a**



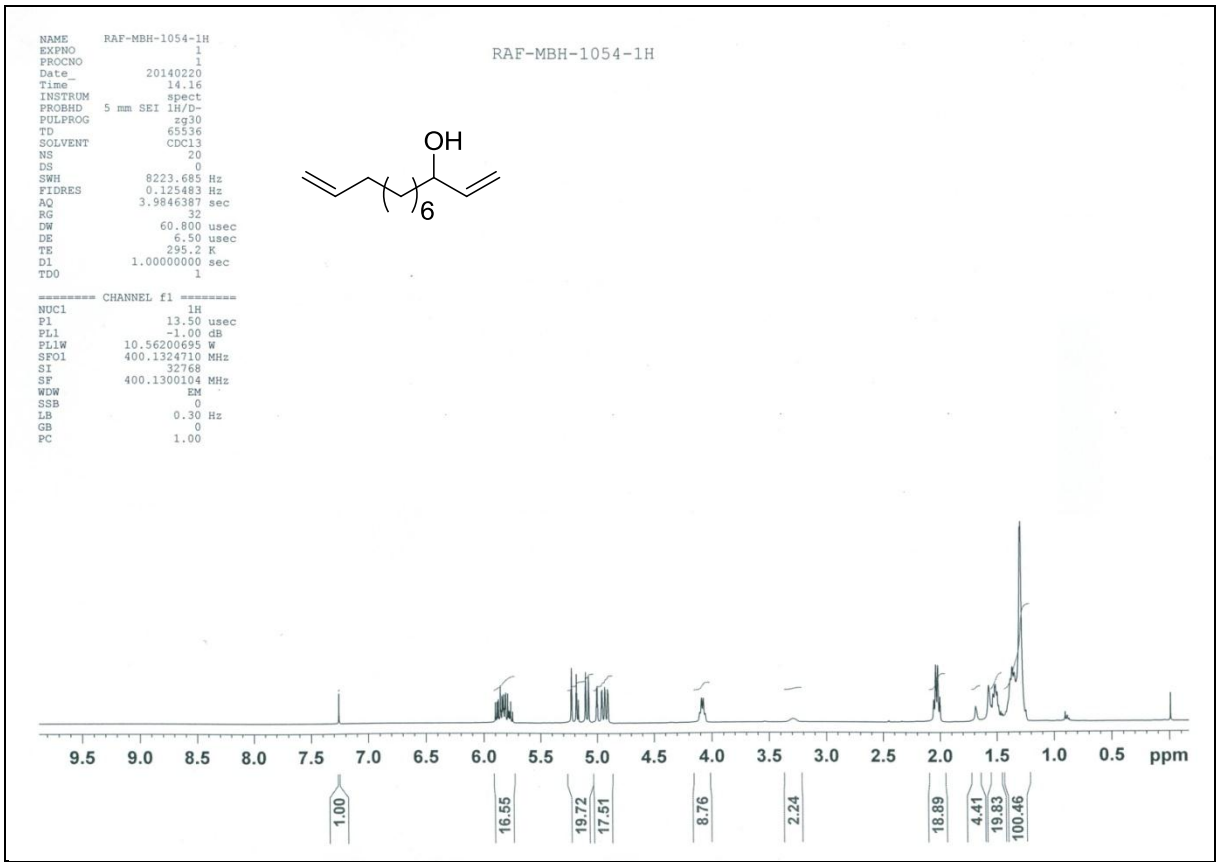


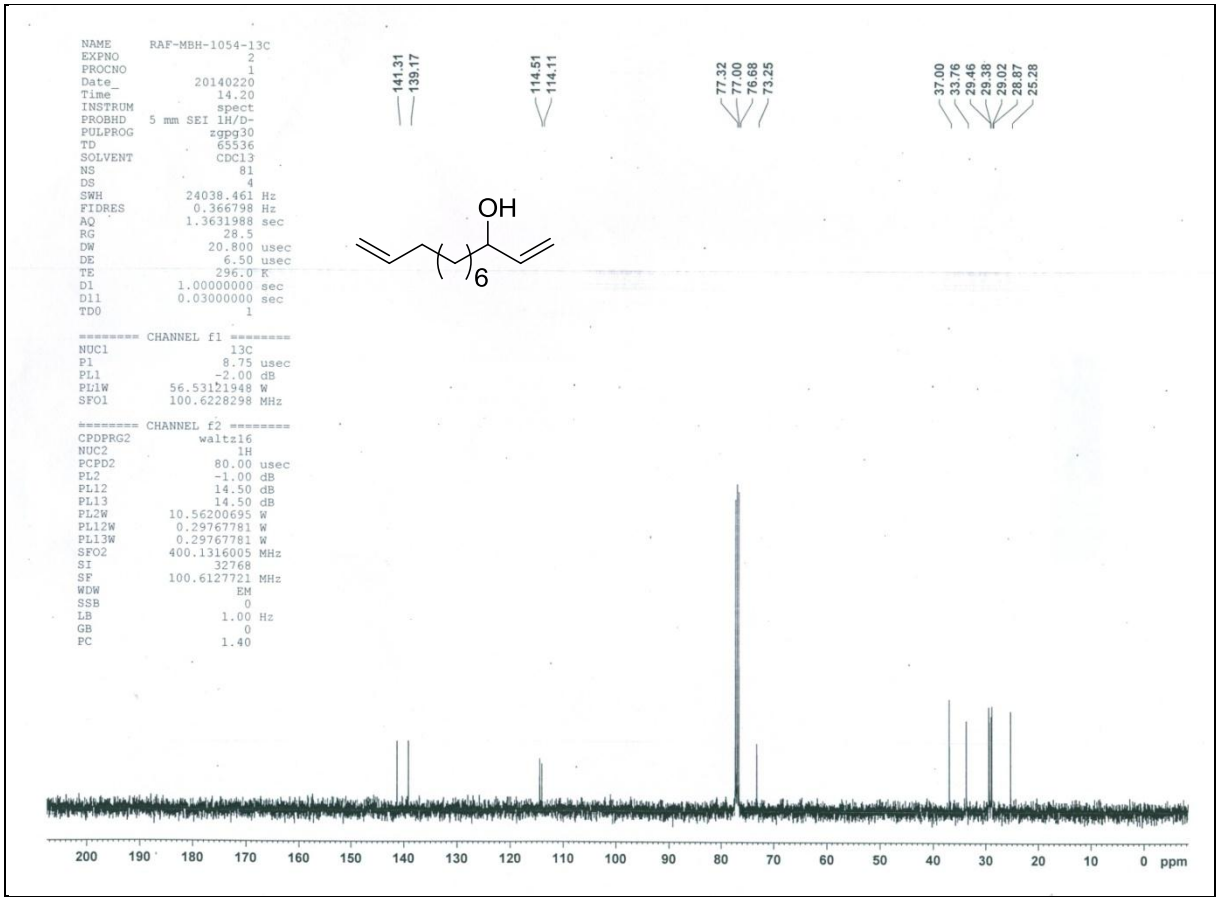
^{1}H NMR (500 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **9b**





^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **9c**





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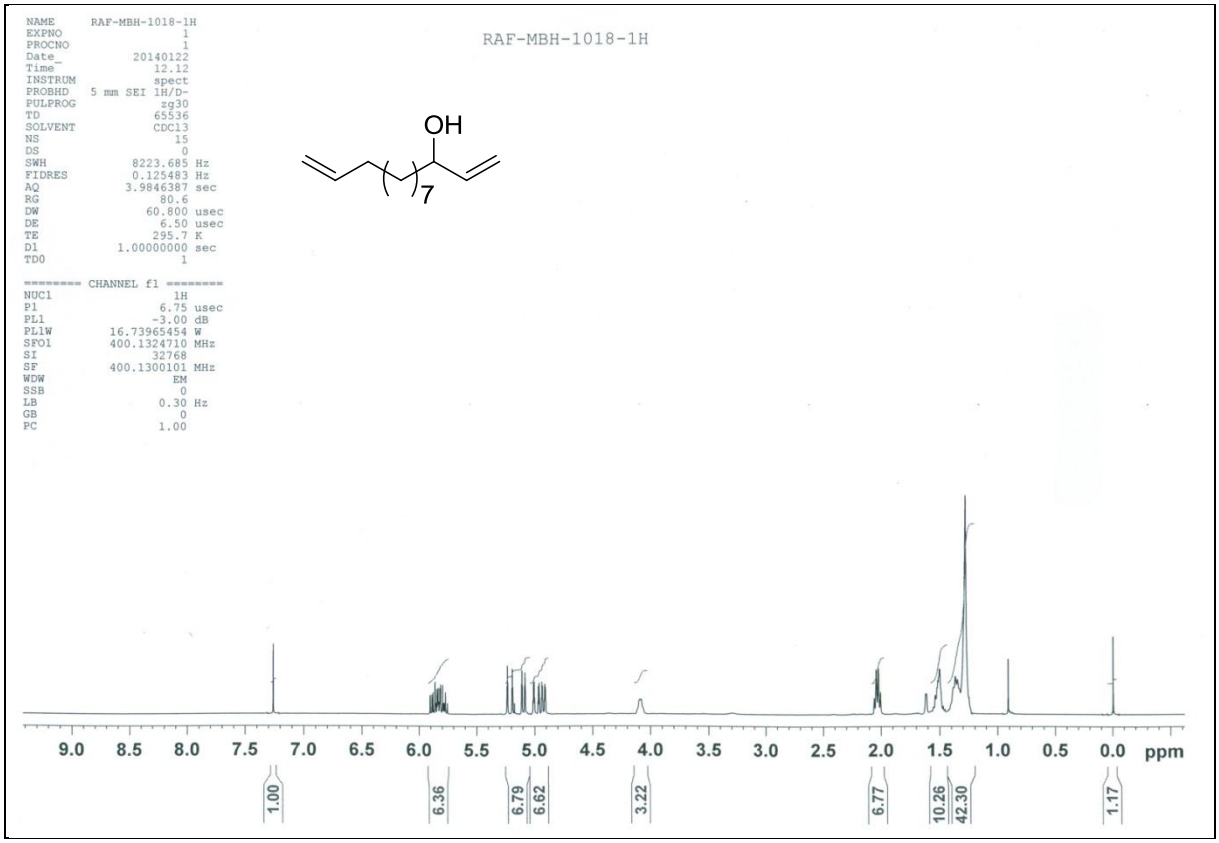

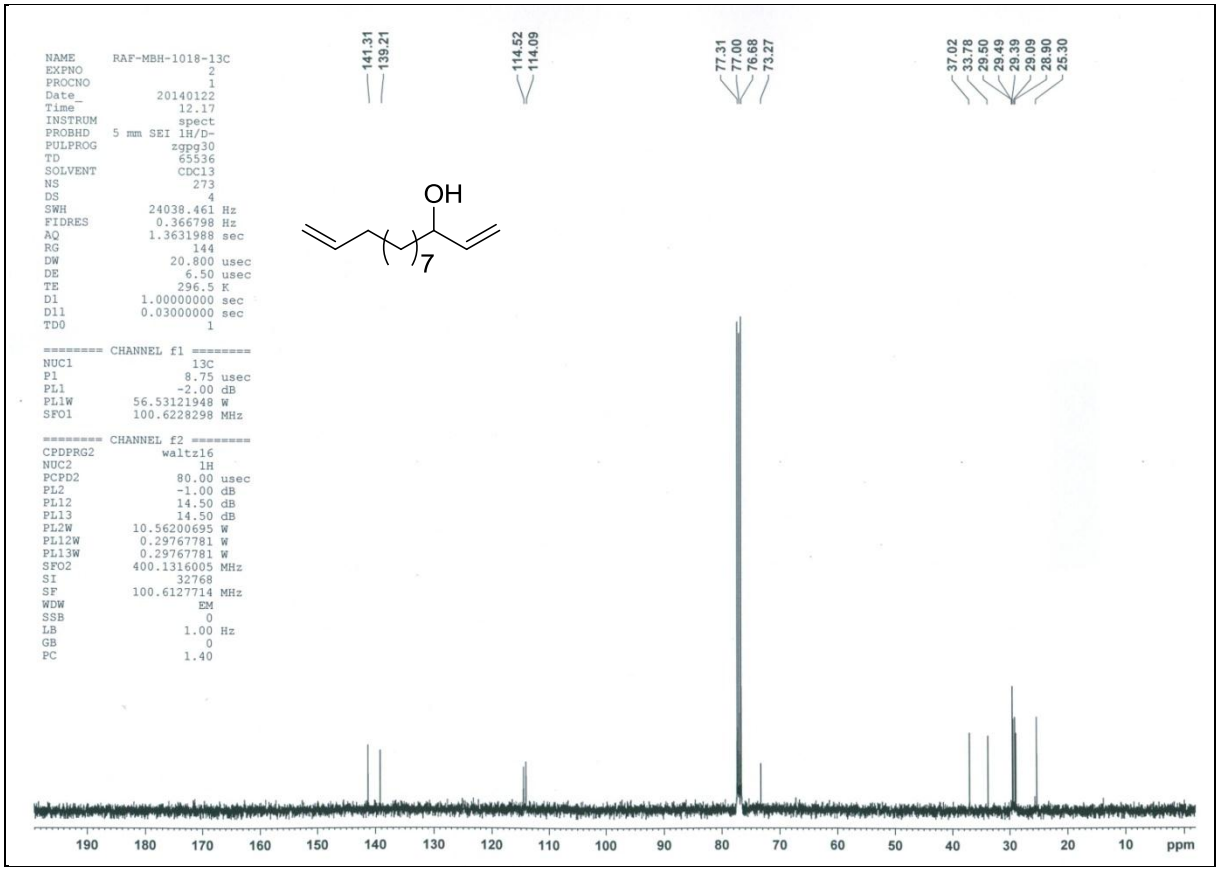

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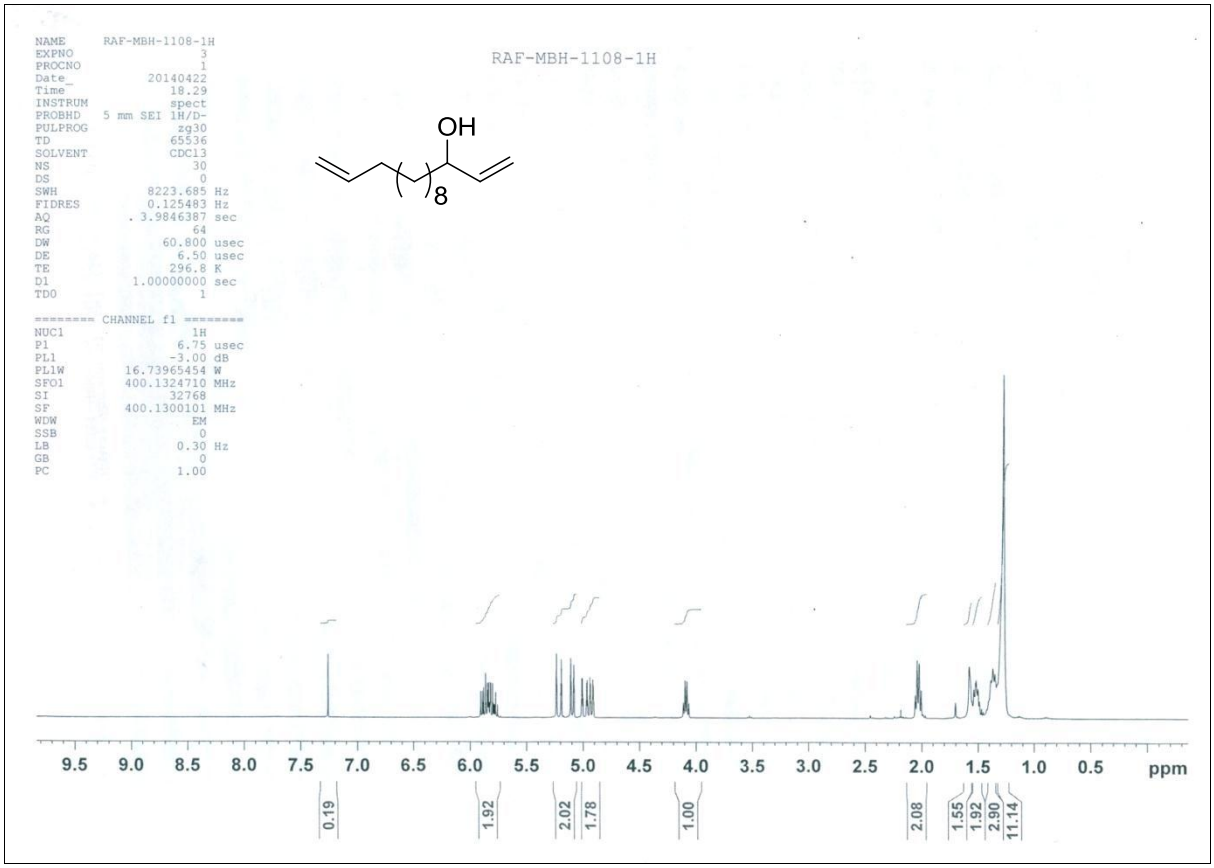
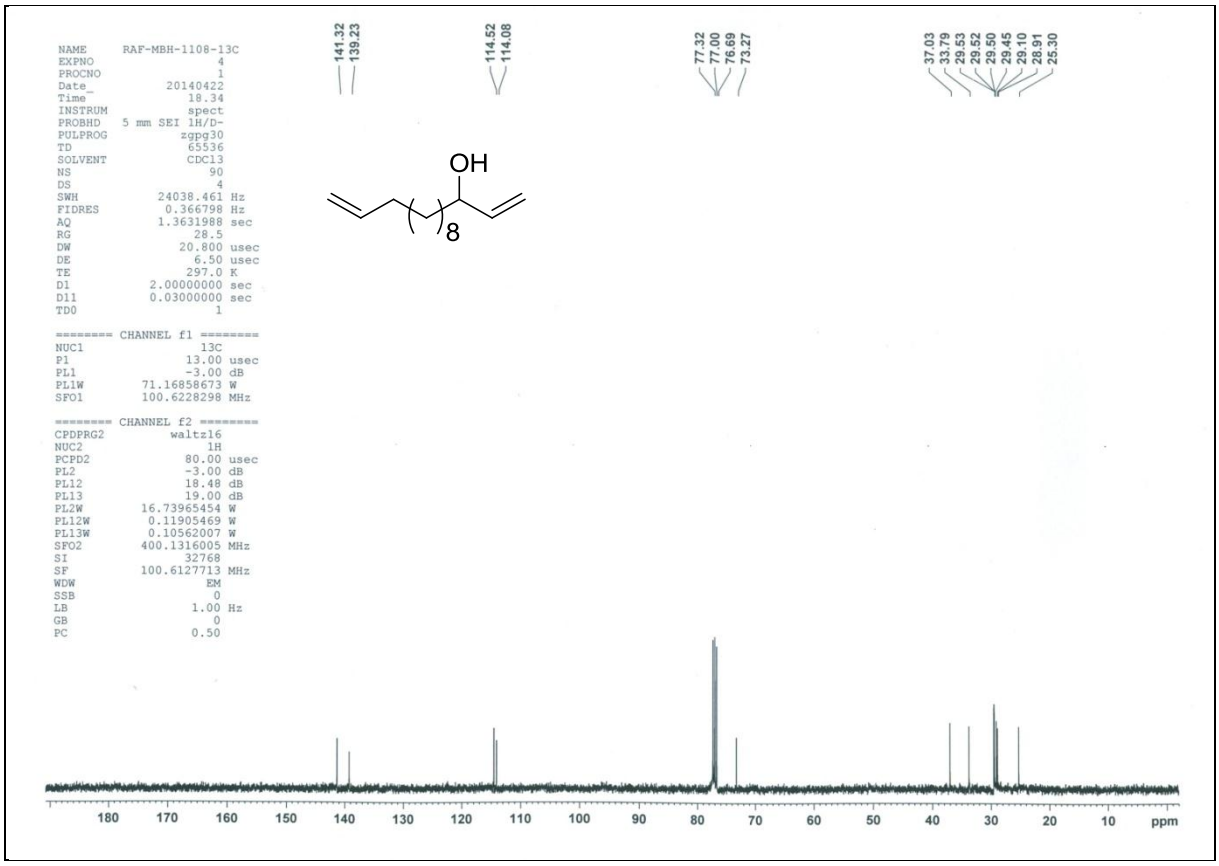
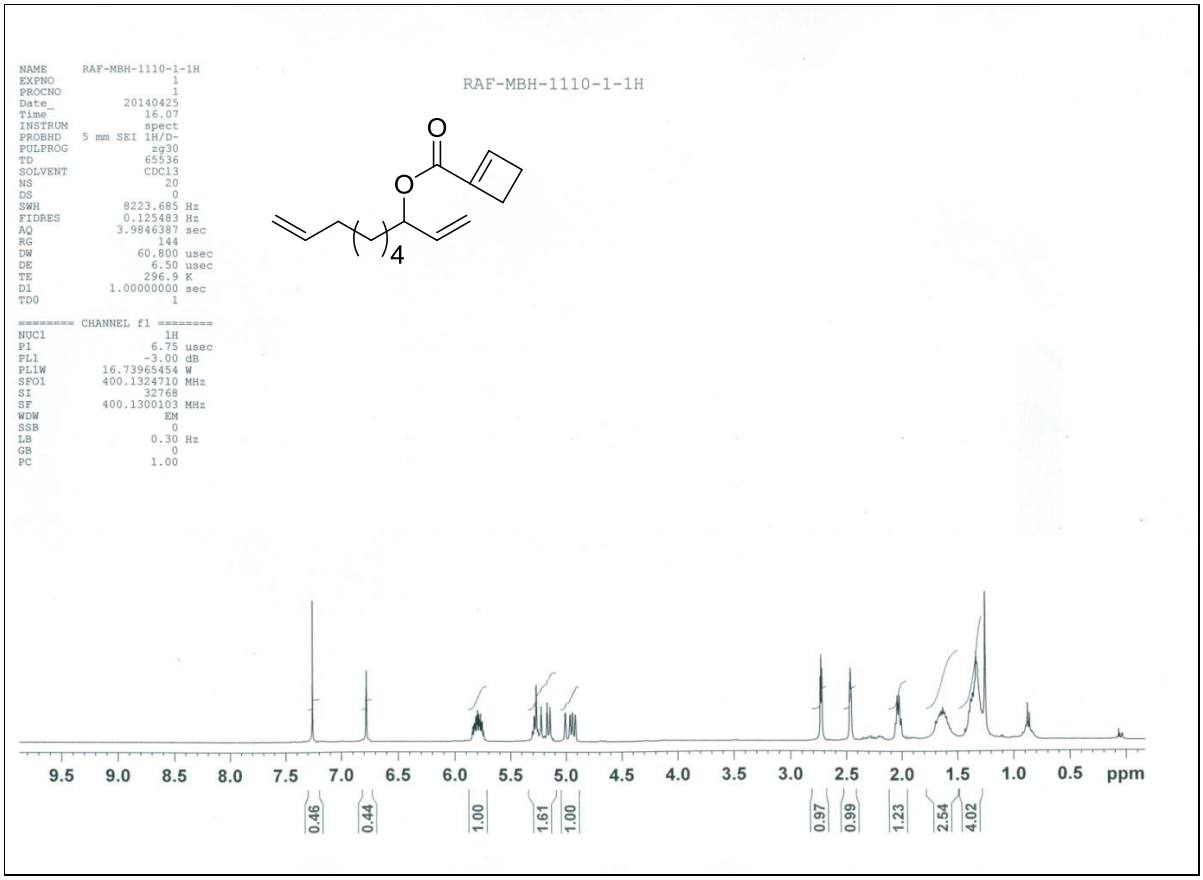
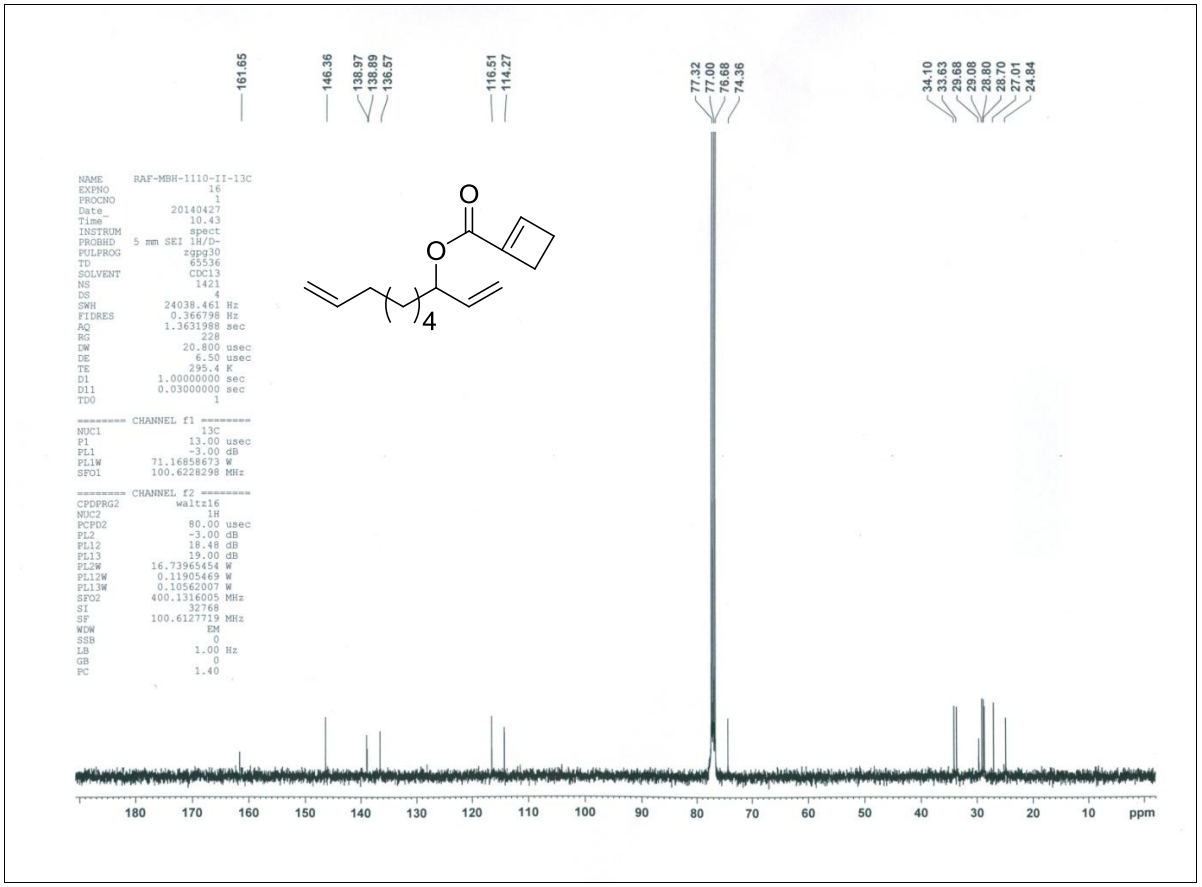


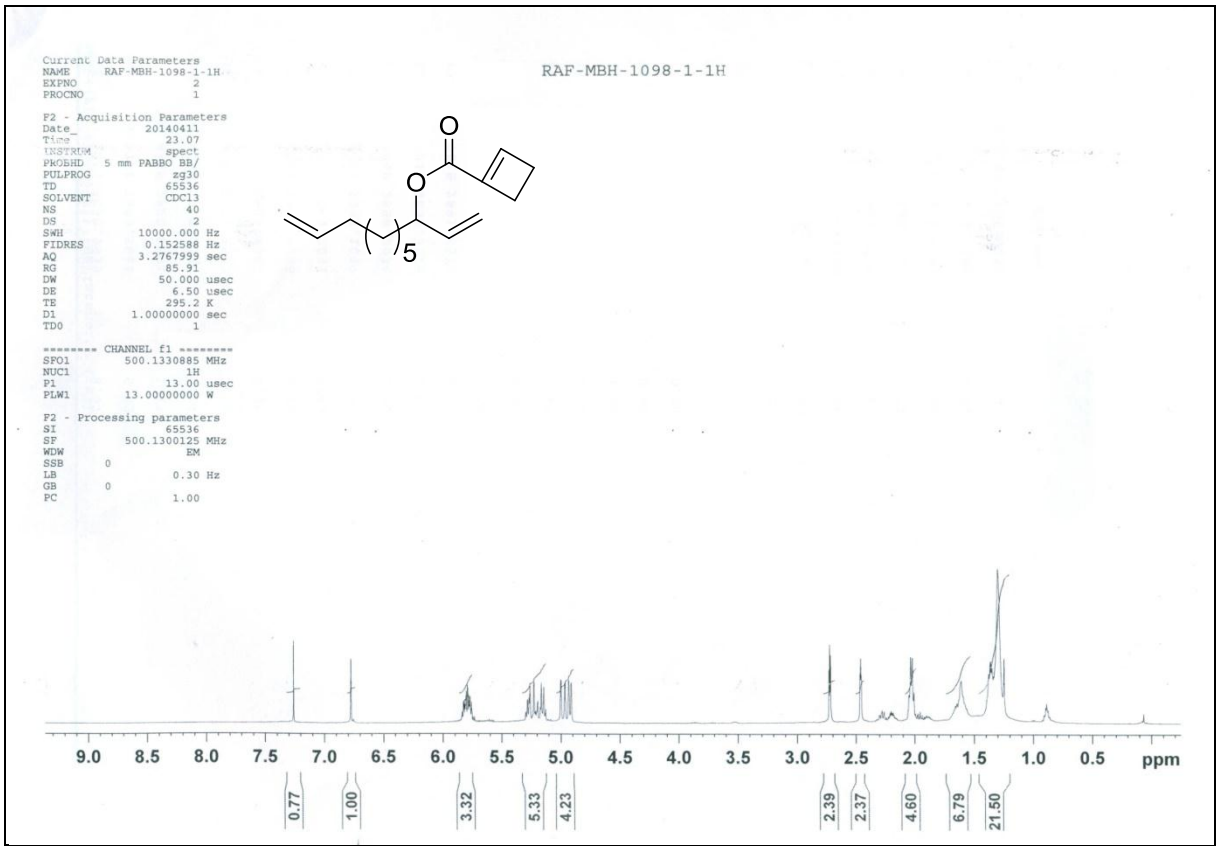


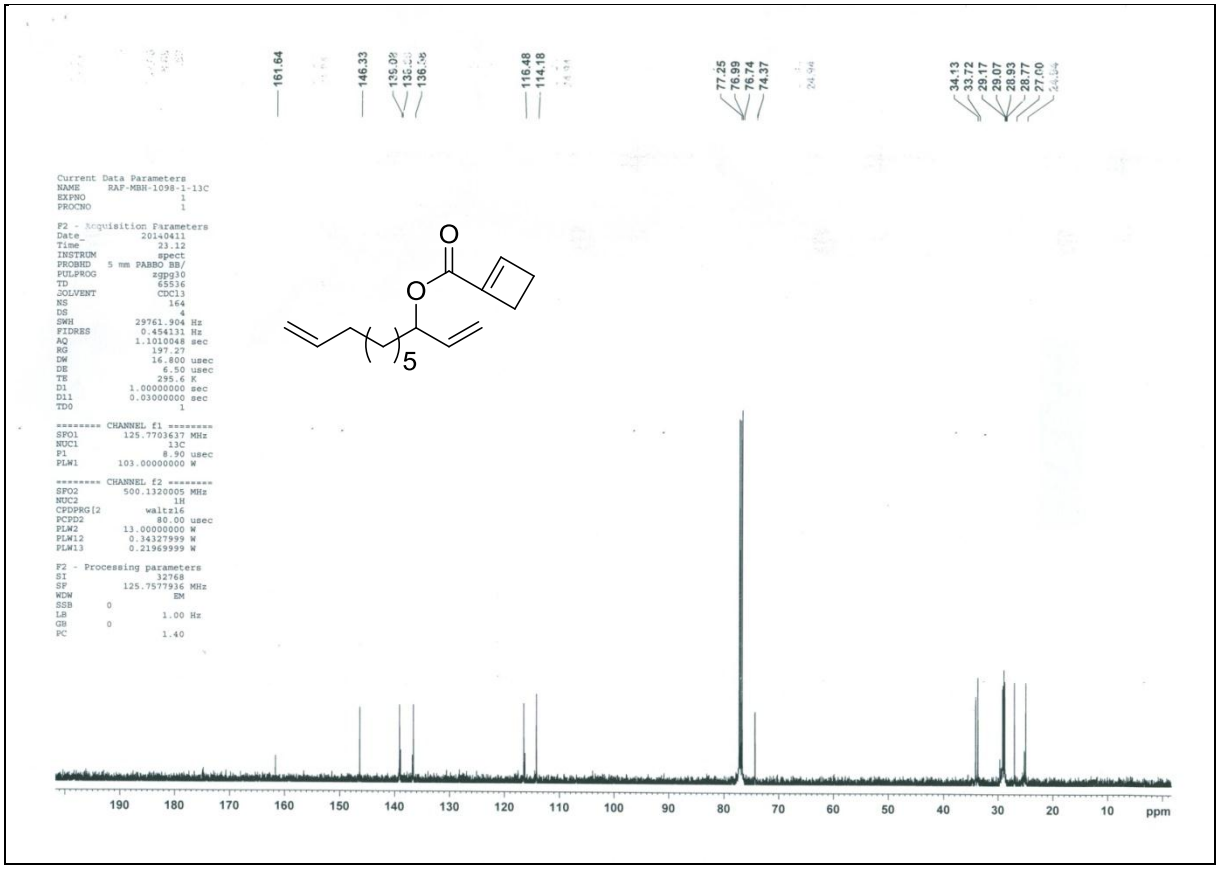
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **5a**



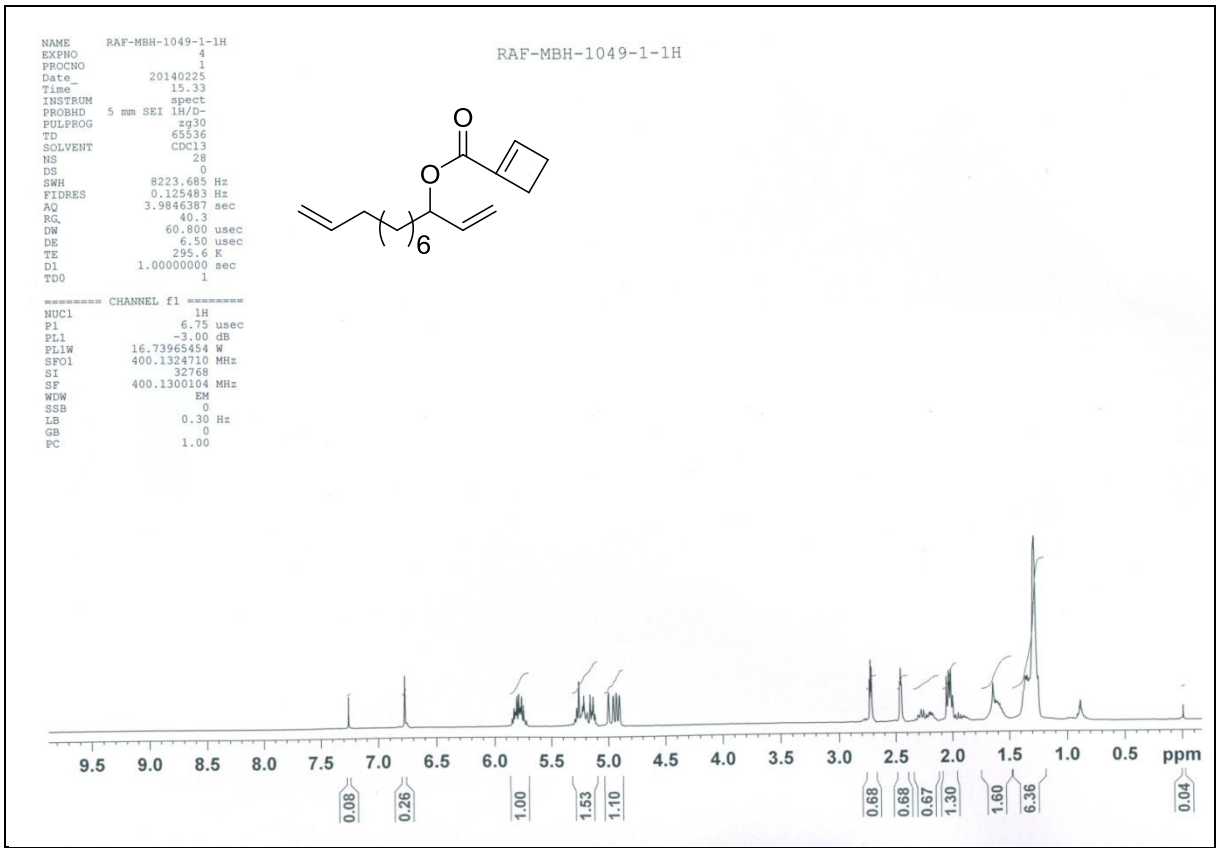


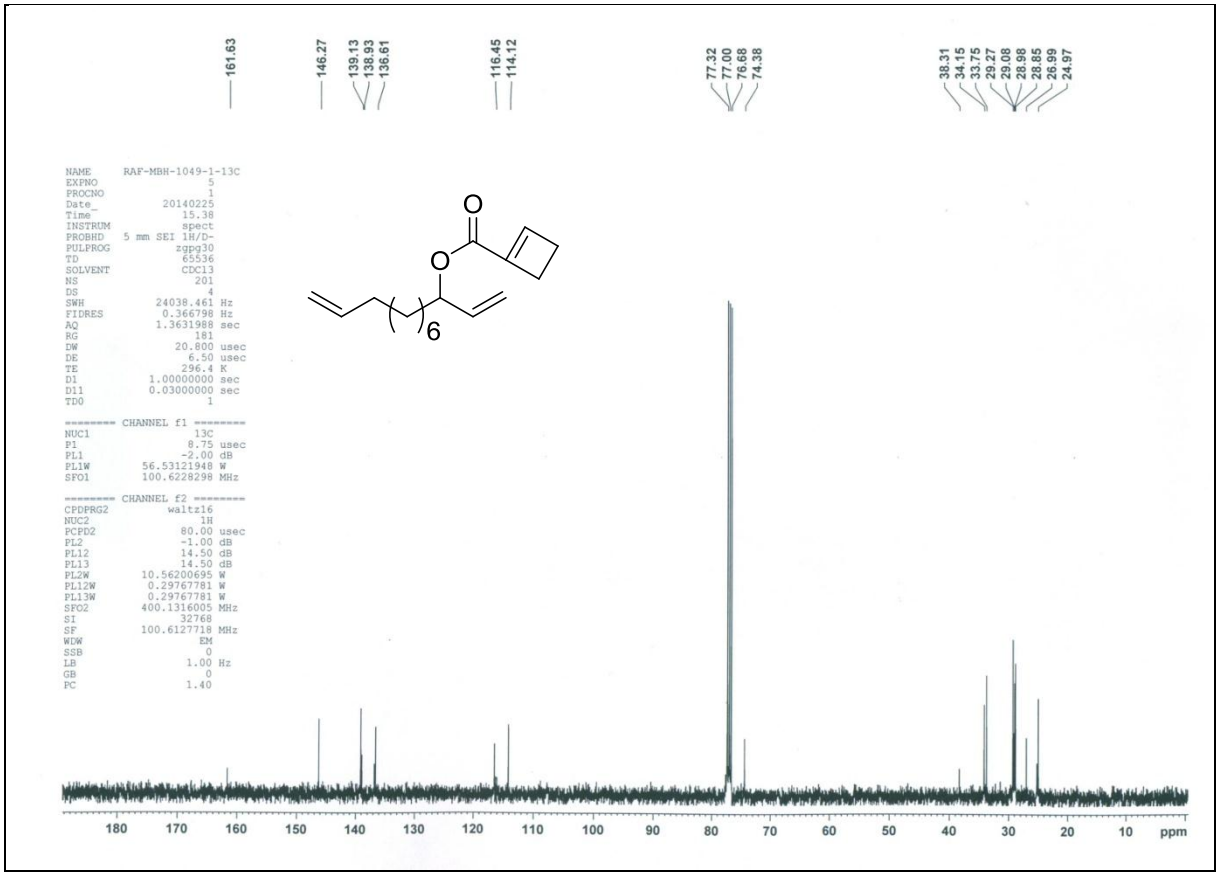
^{1}H NMR (500 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **5b**



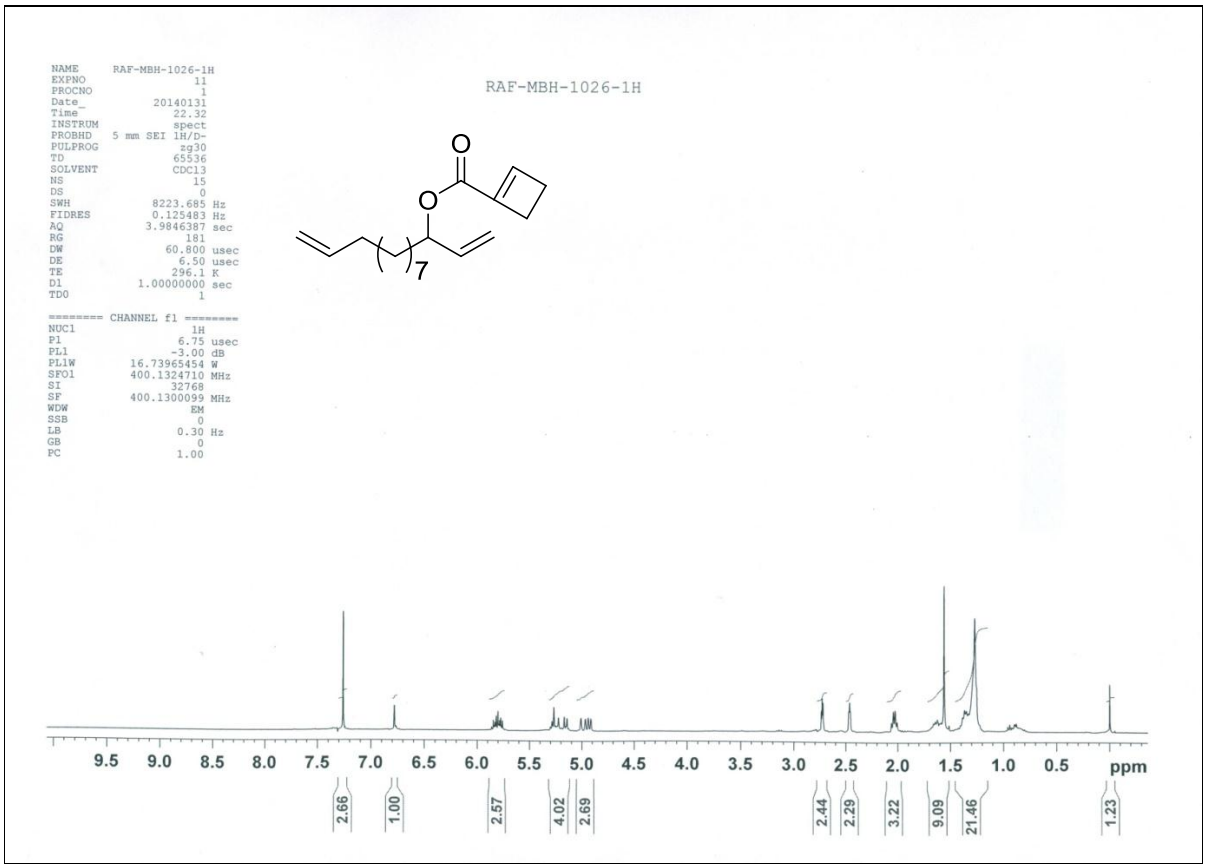


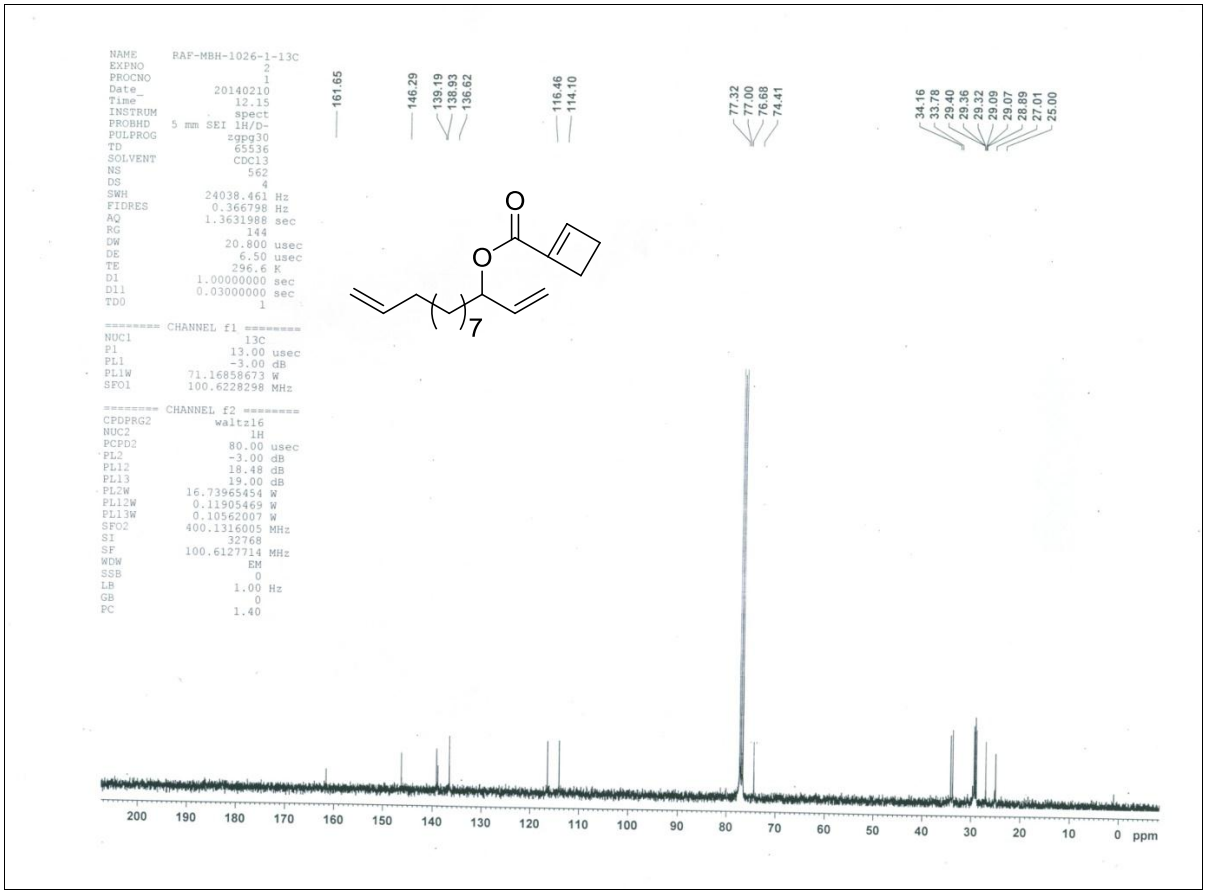
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **5c**



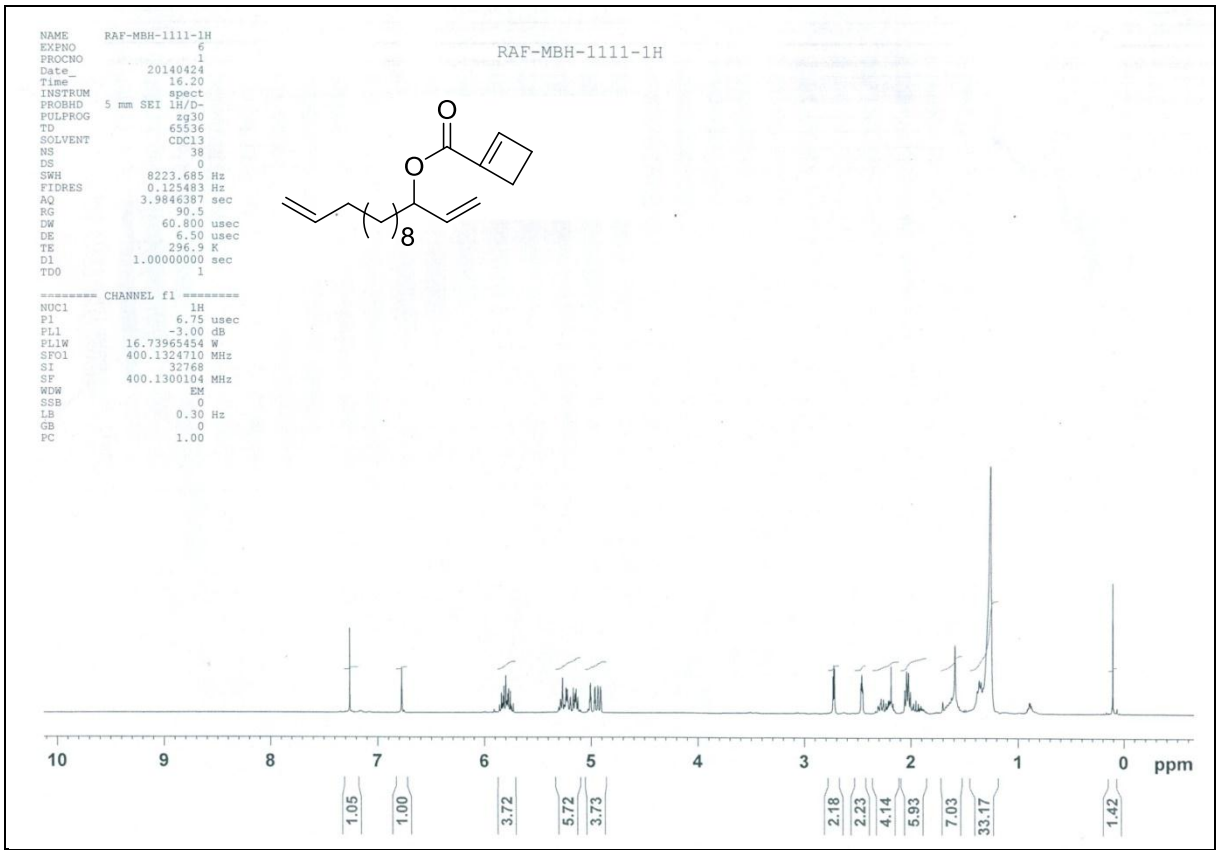


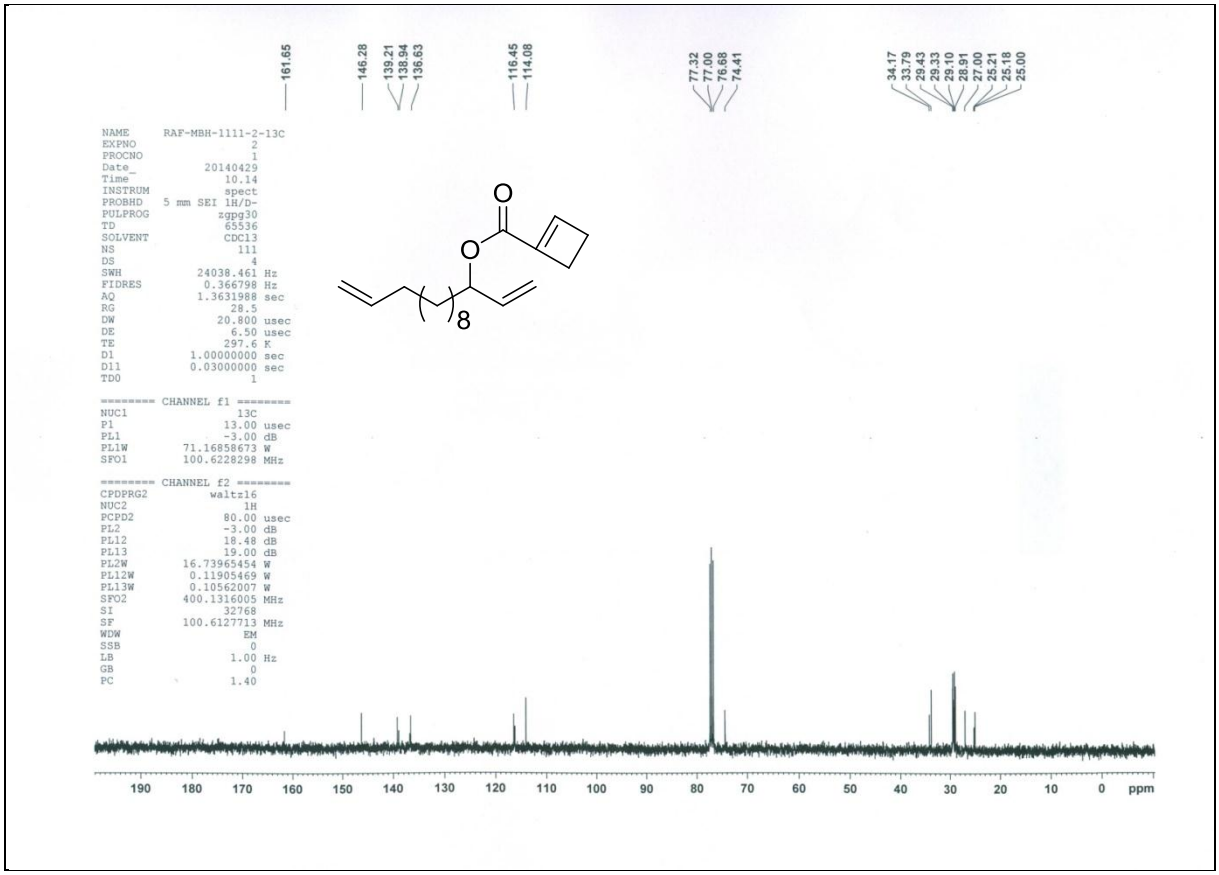
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **5d**



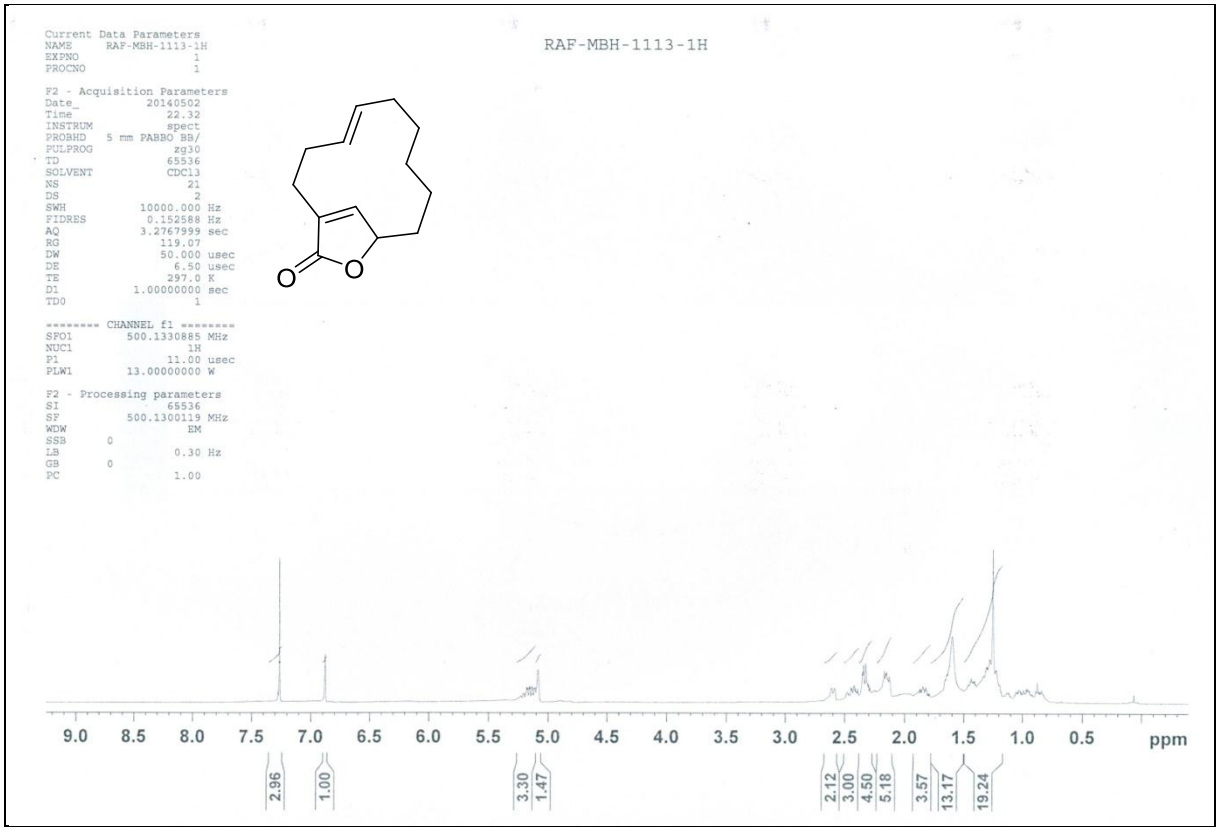


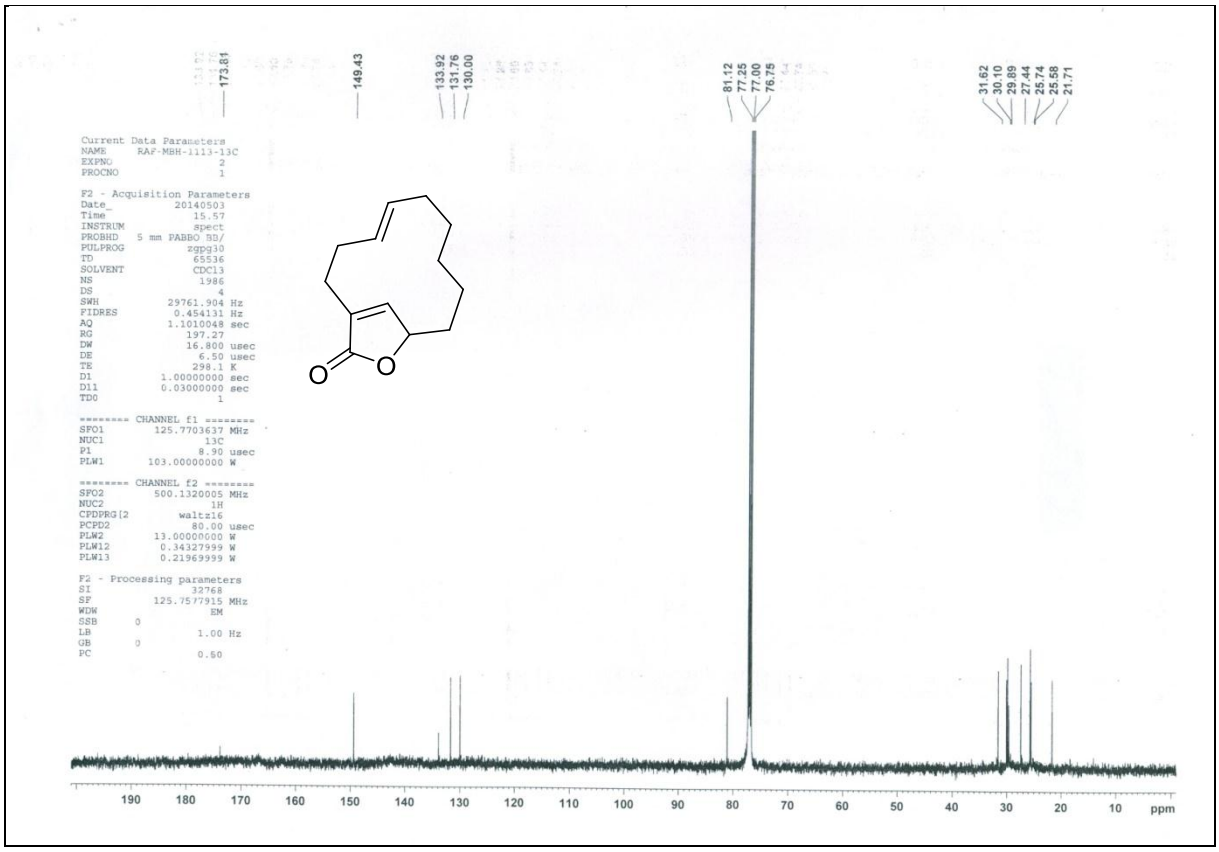
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **5e**



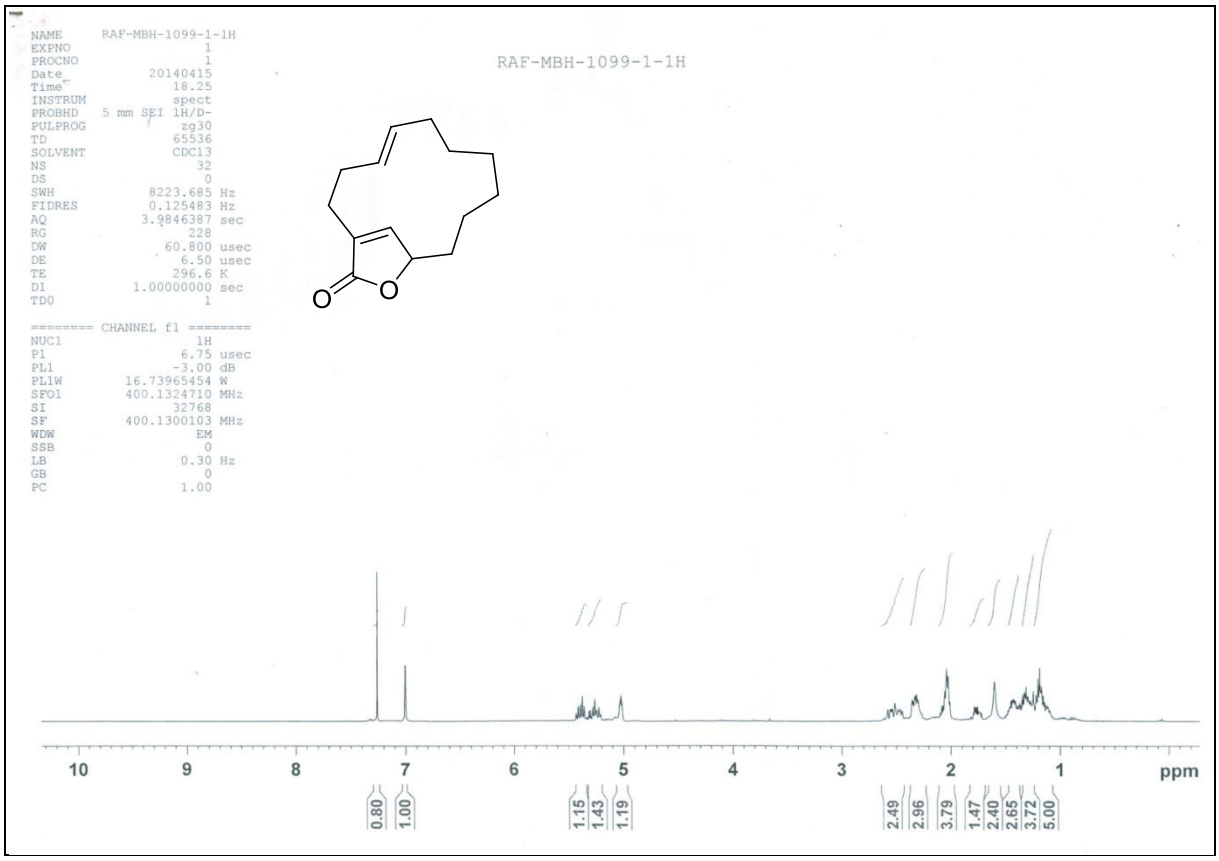


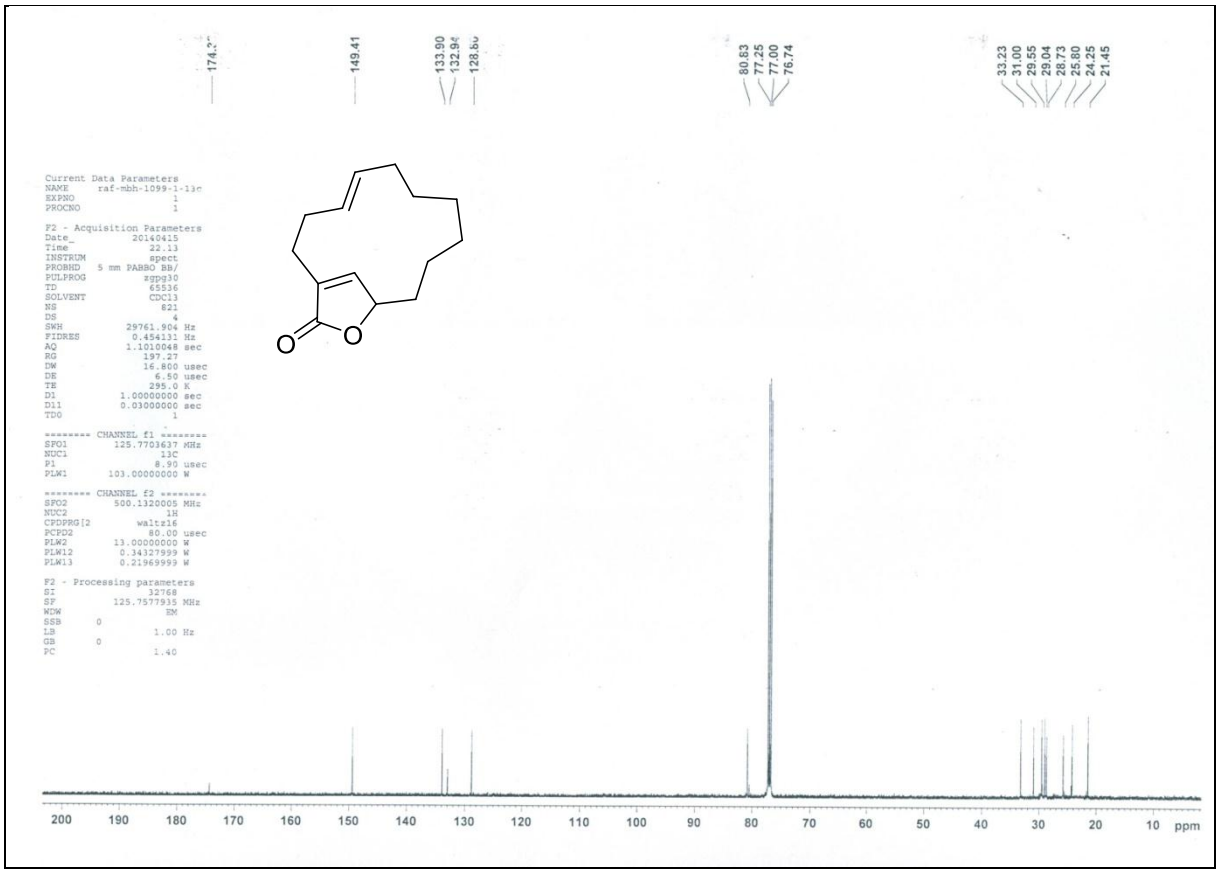
^{1}H NMR (500 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **1a**



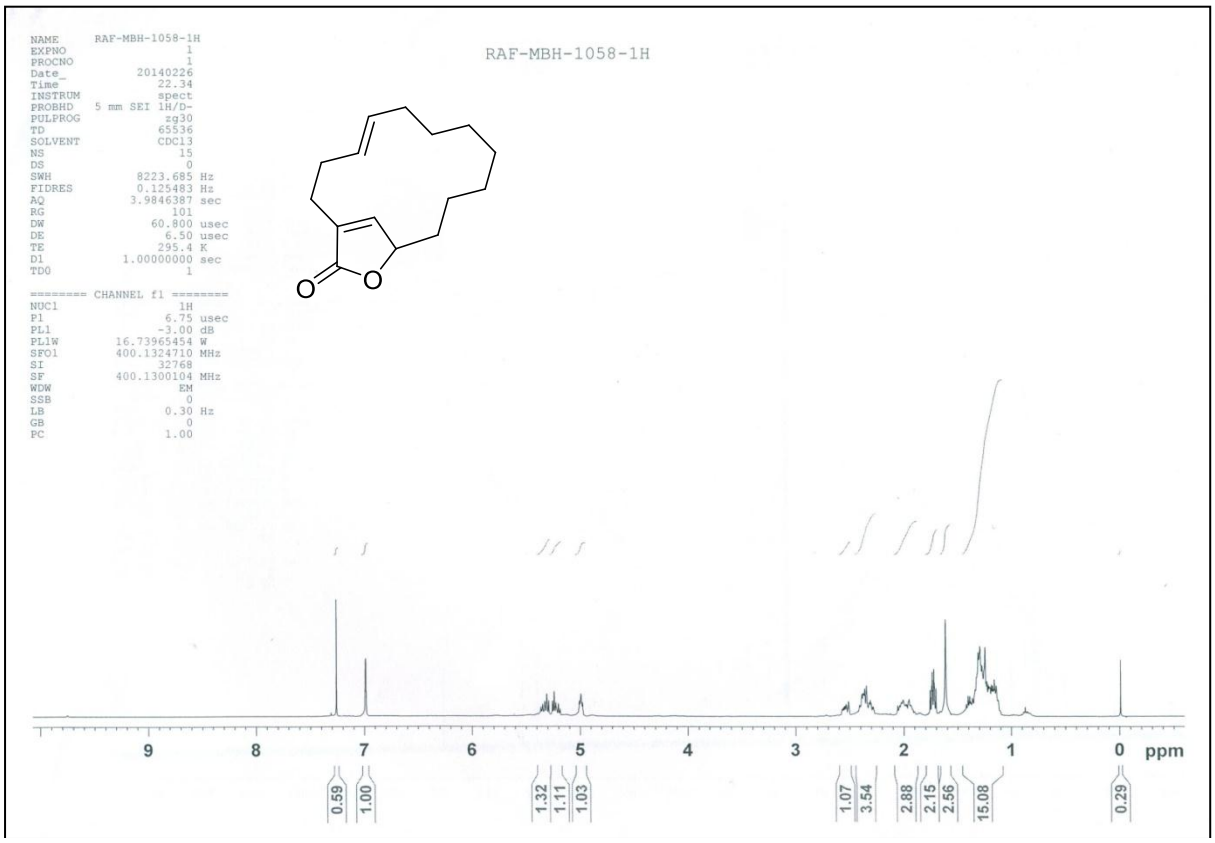


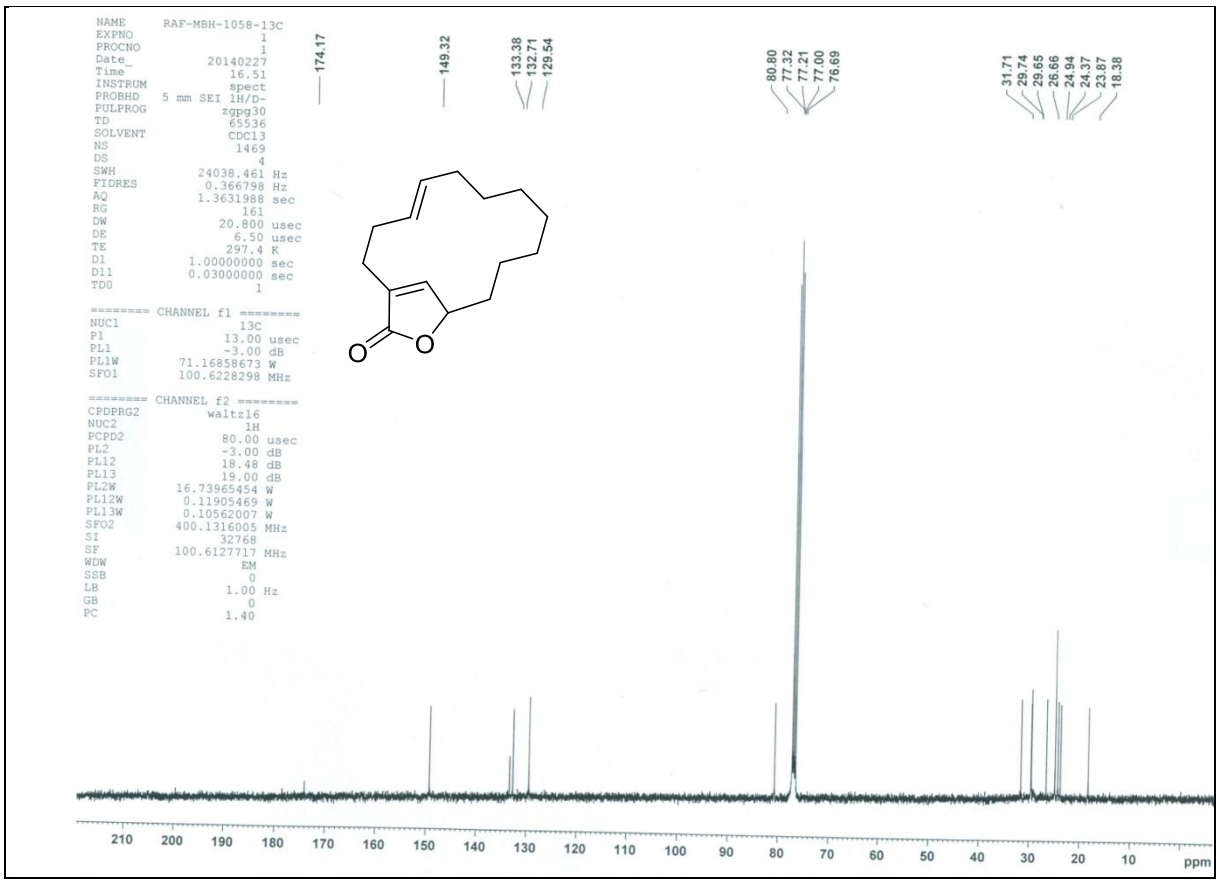
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **1b**



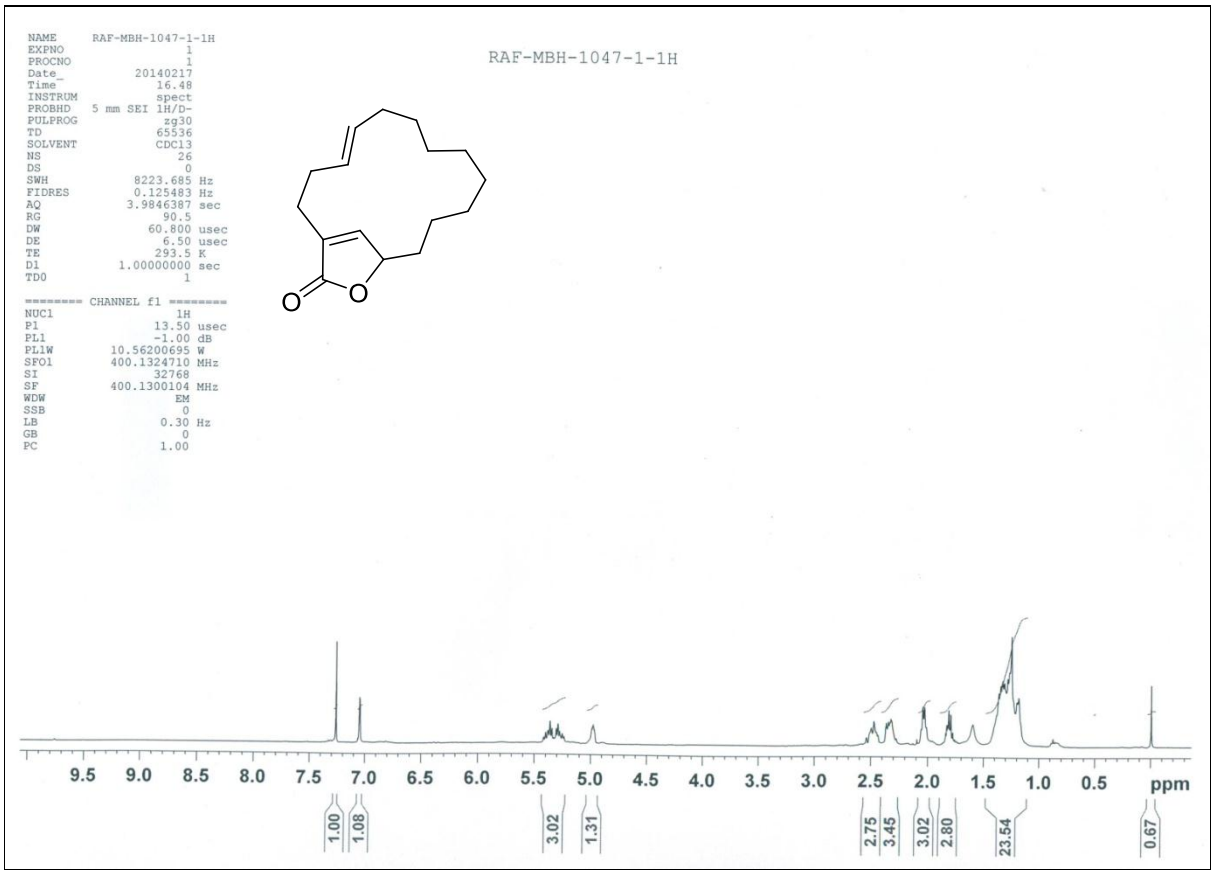


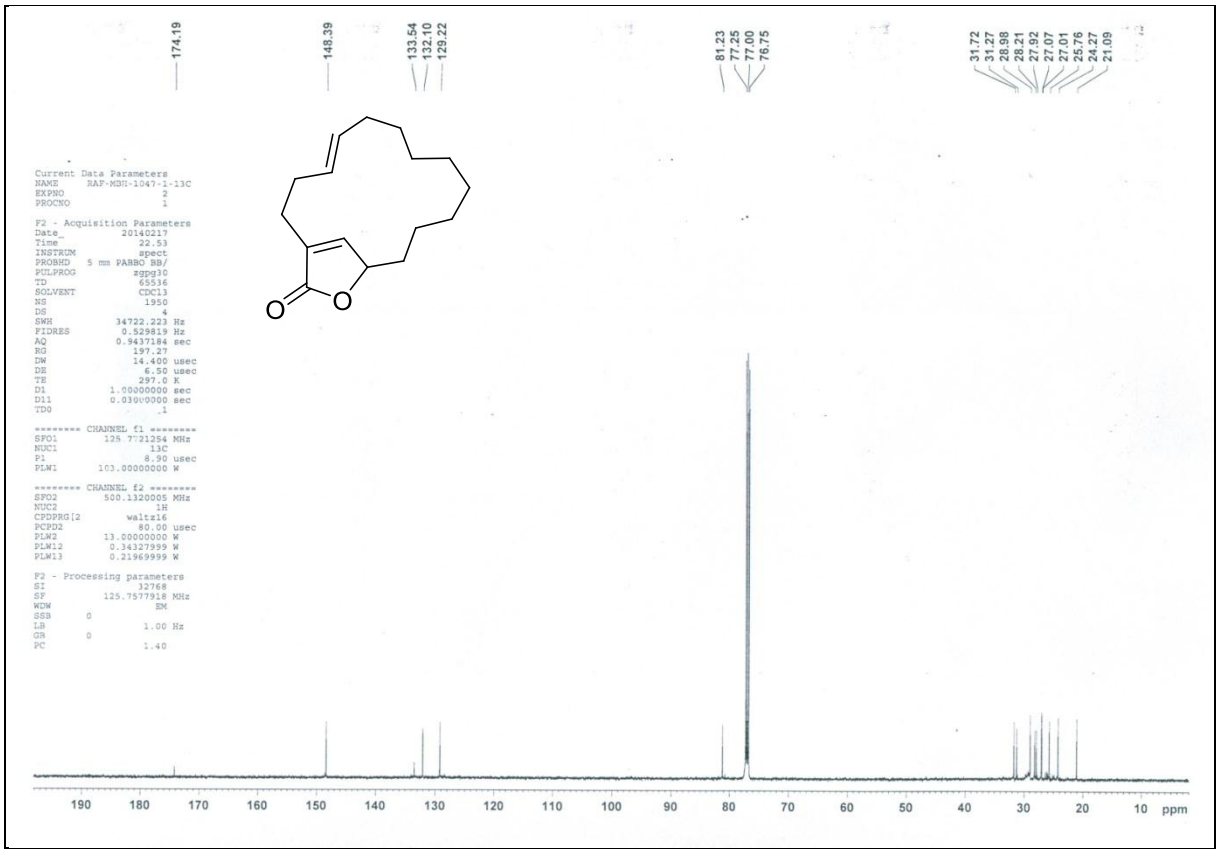
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **1c**



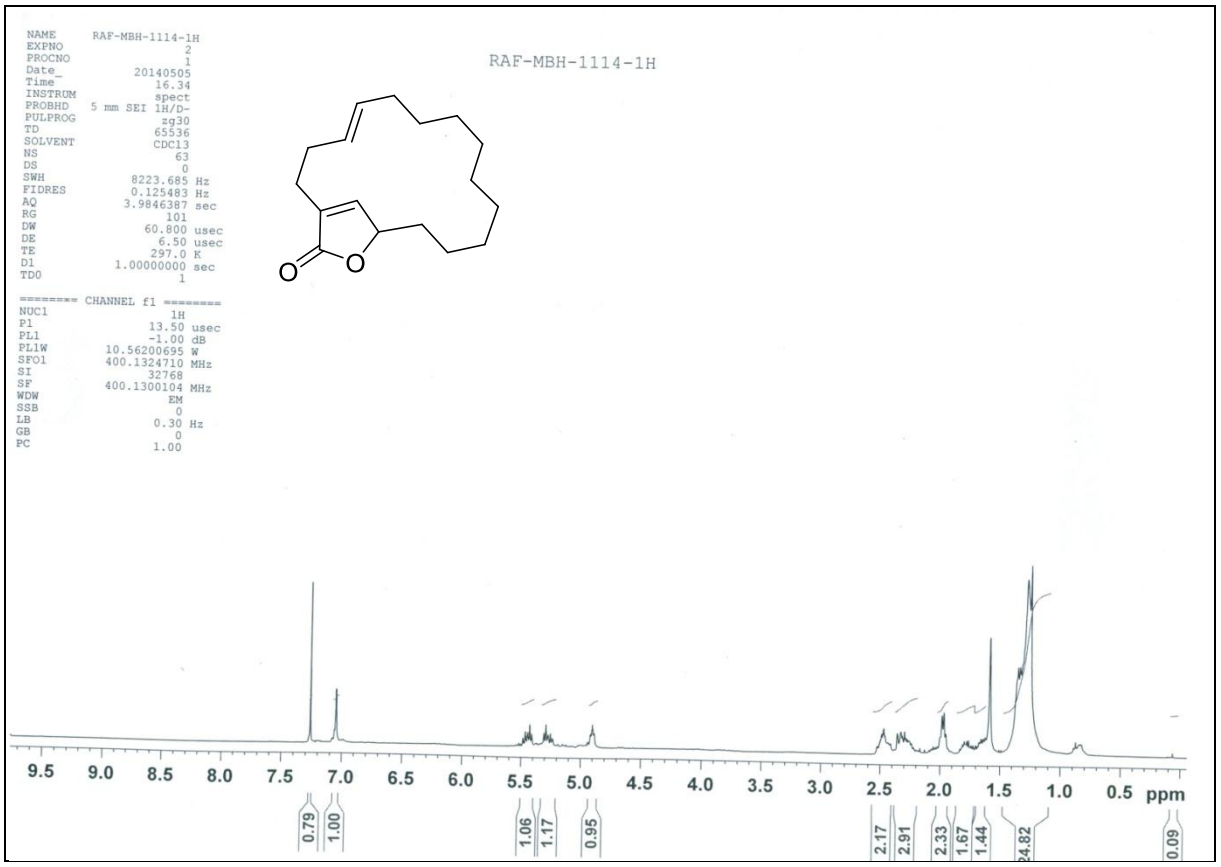


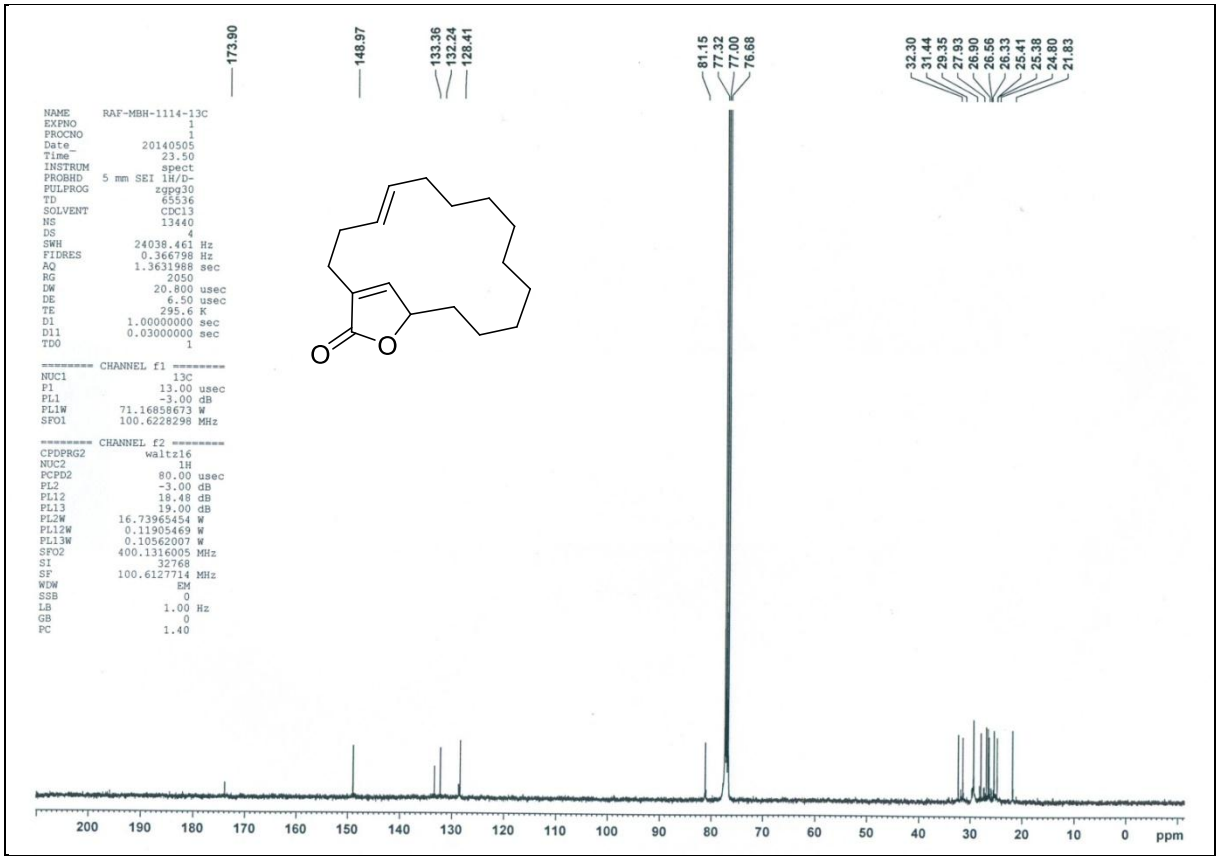
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **1d**



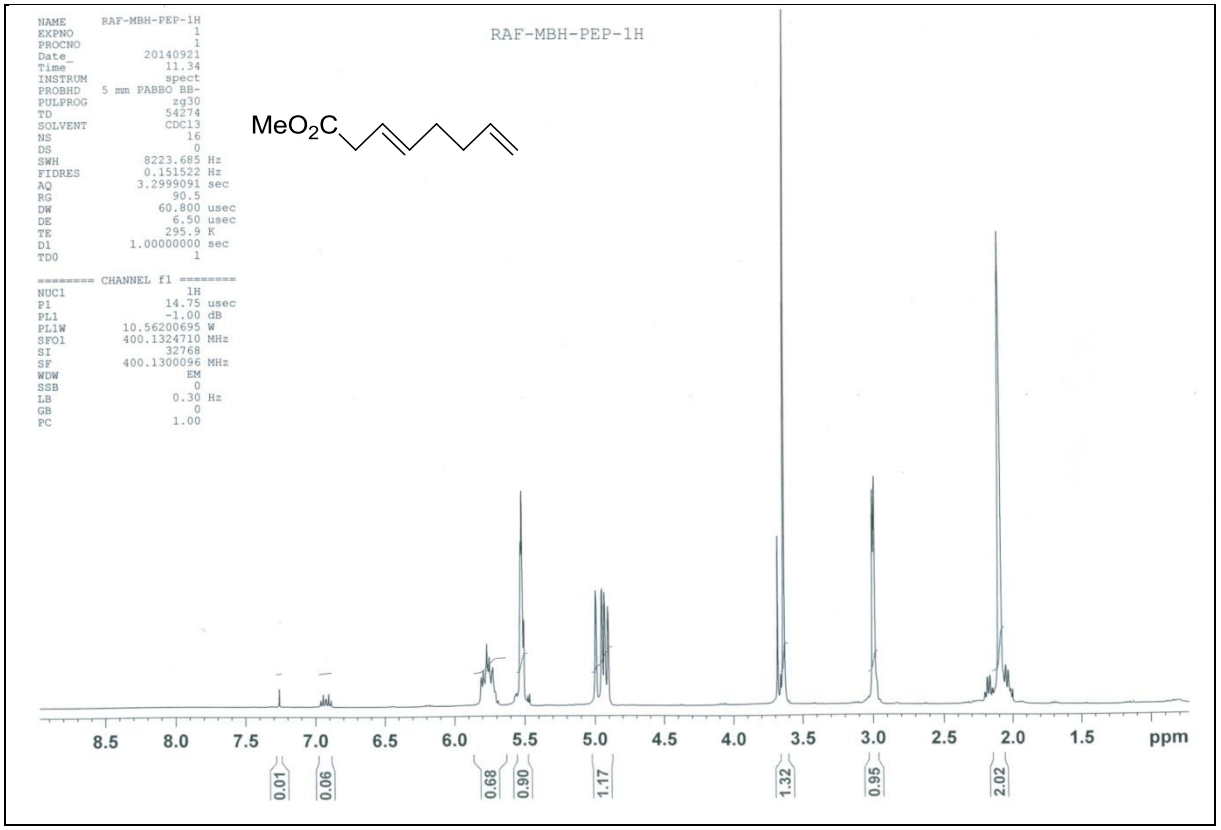


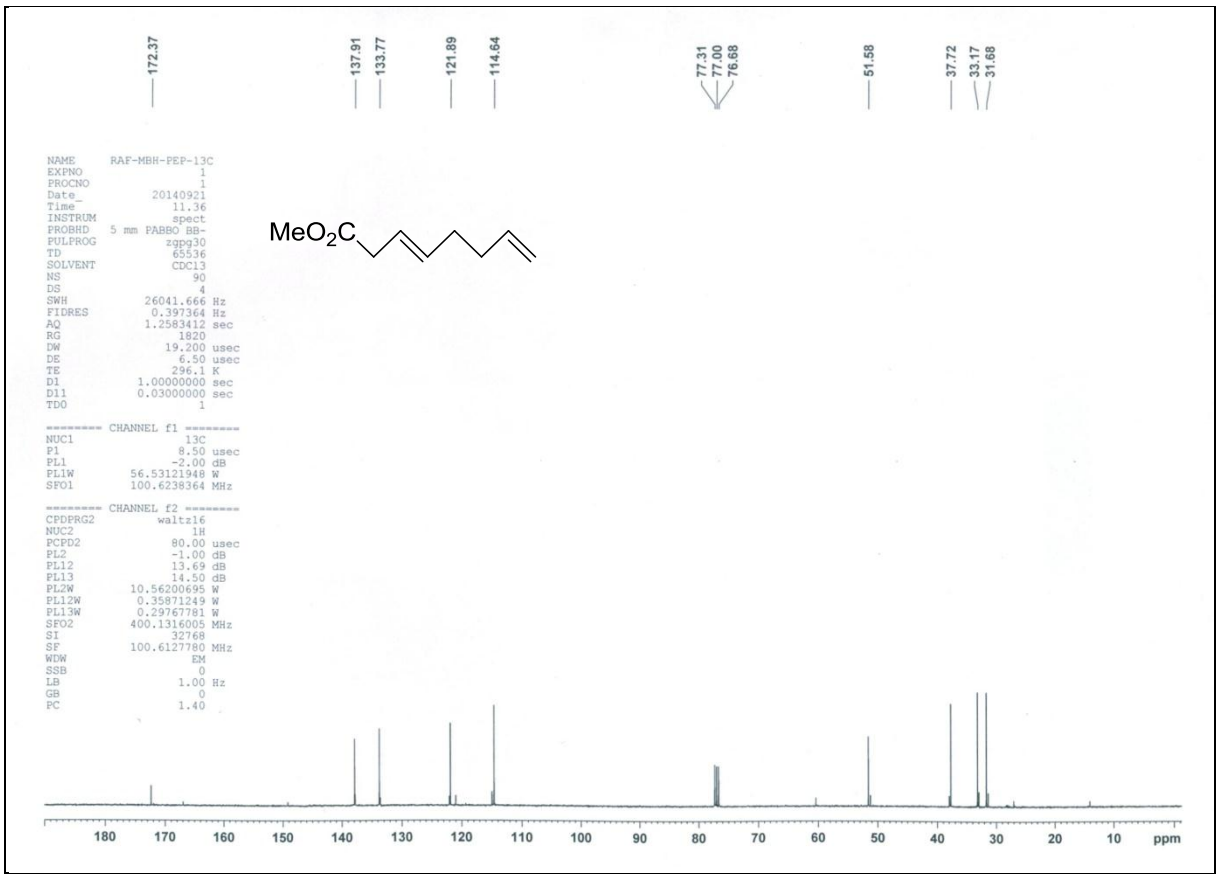
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **1e**



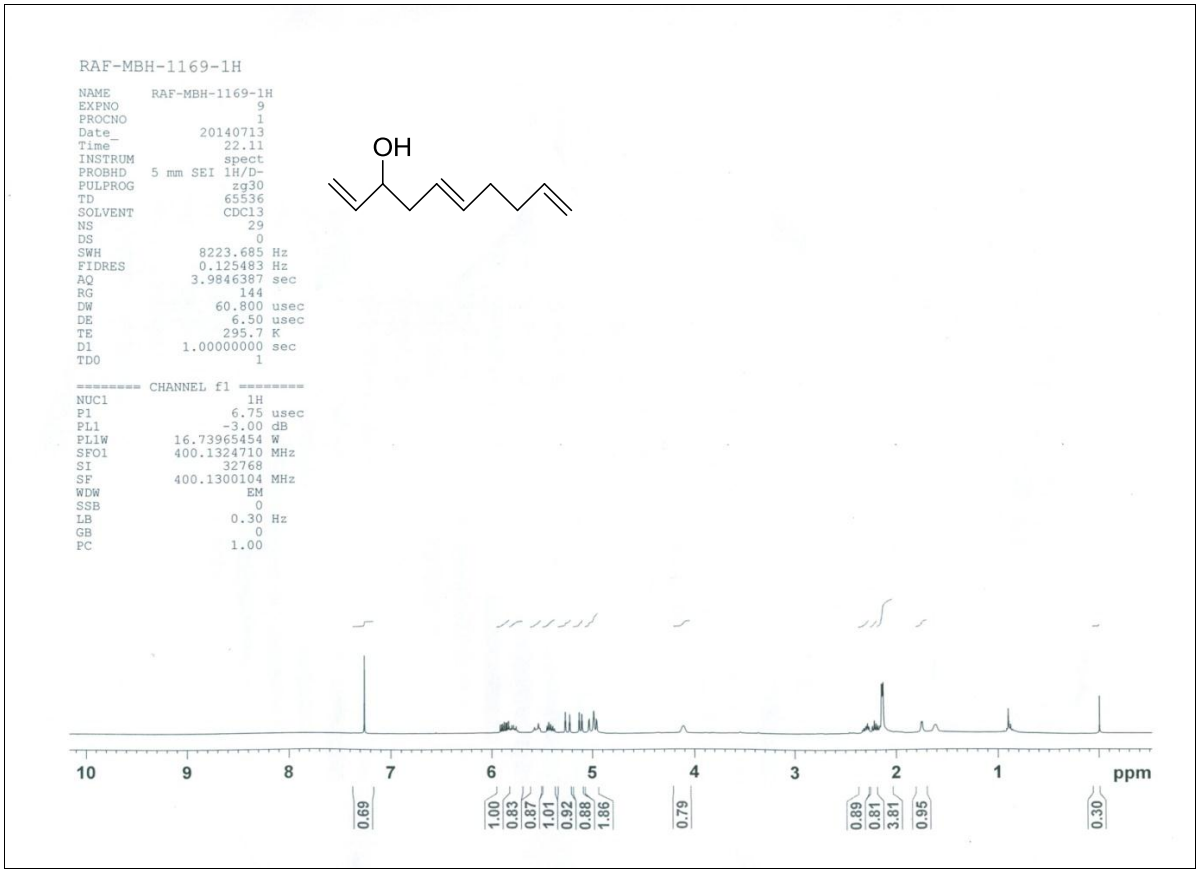


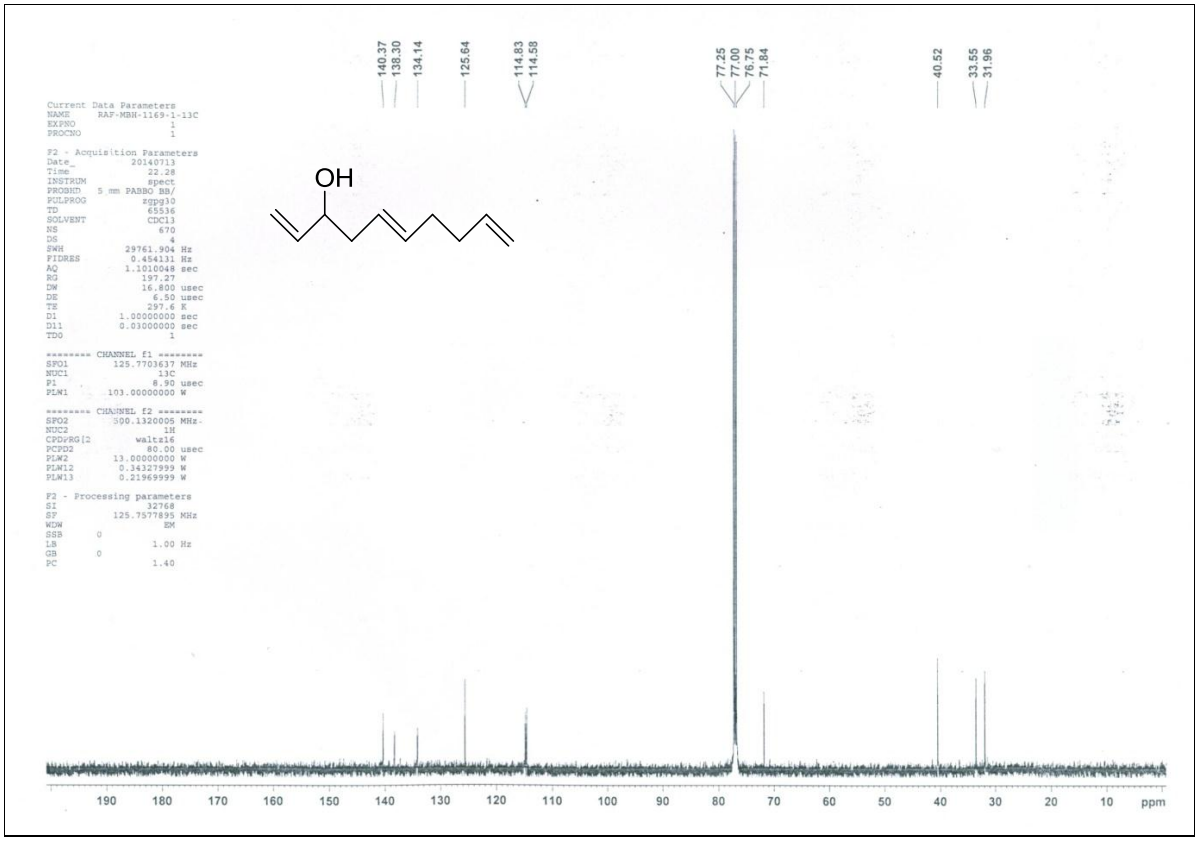
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (100 MHz, $CDCl_3$) of Compound **13**



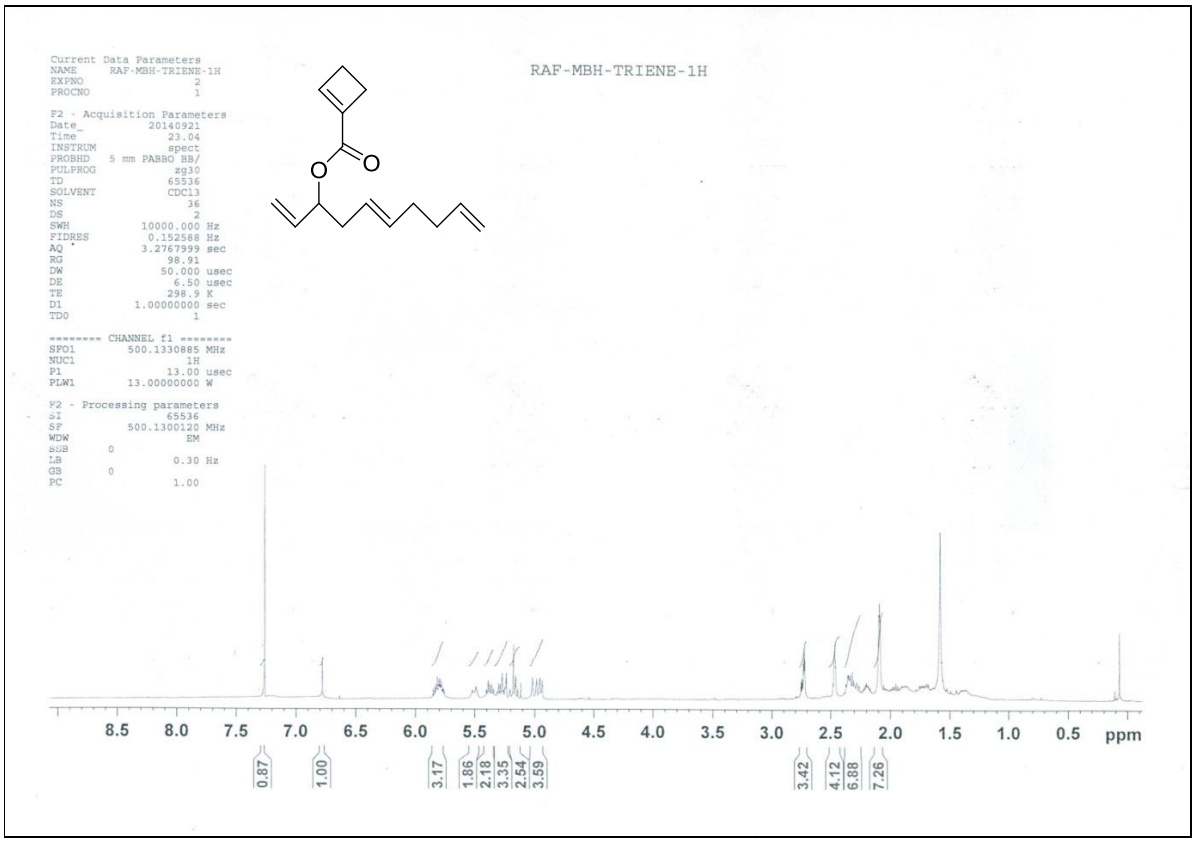


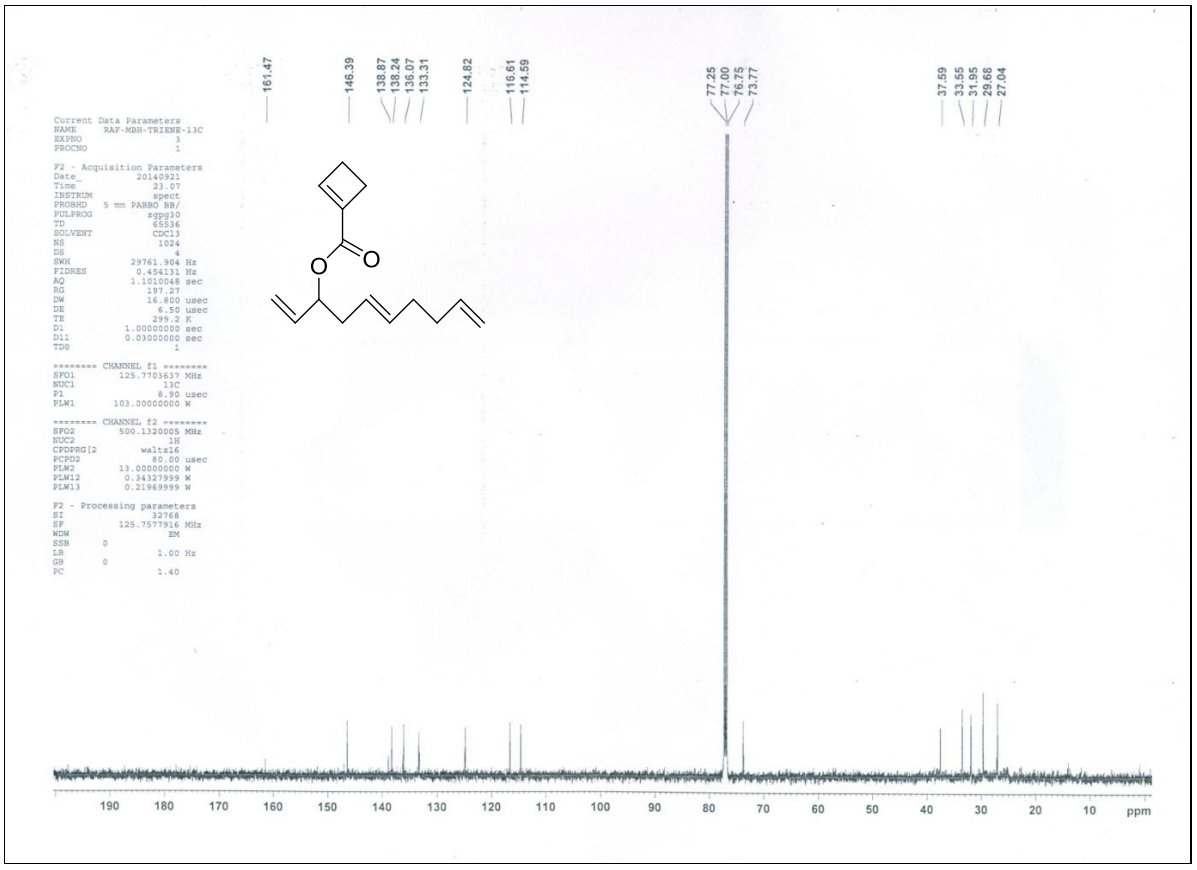
^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **9f**





^{1}H NMR (500 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **5f**





^{1}H NMR (400 MHz, $CDCl_3$/TMS) and ^{13}C NMR (125 MHz, $CDCl_3$) of Compound **11**