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Supporting Information

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Synthesis of Substituted Phenols by Using the Ring-Closing Metathesis/Isoaromatization Approach

Kazuhiro Yoshida,* Rintaro Narui, and Tsuneo Imamoto*

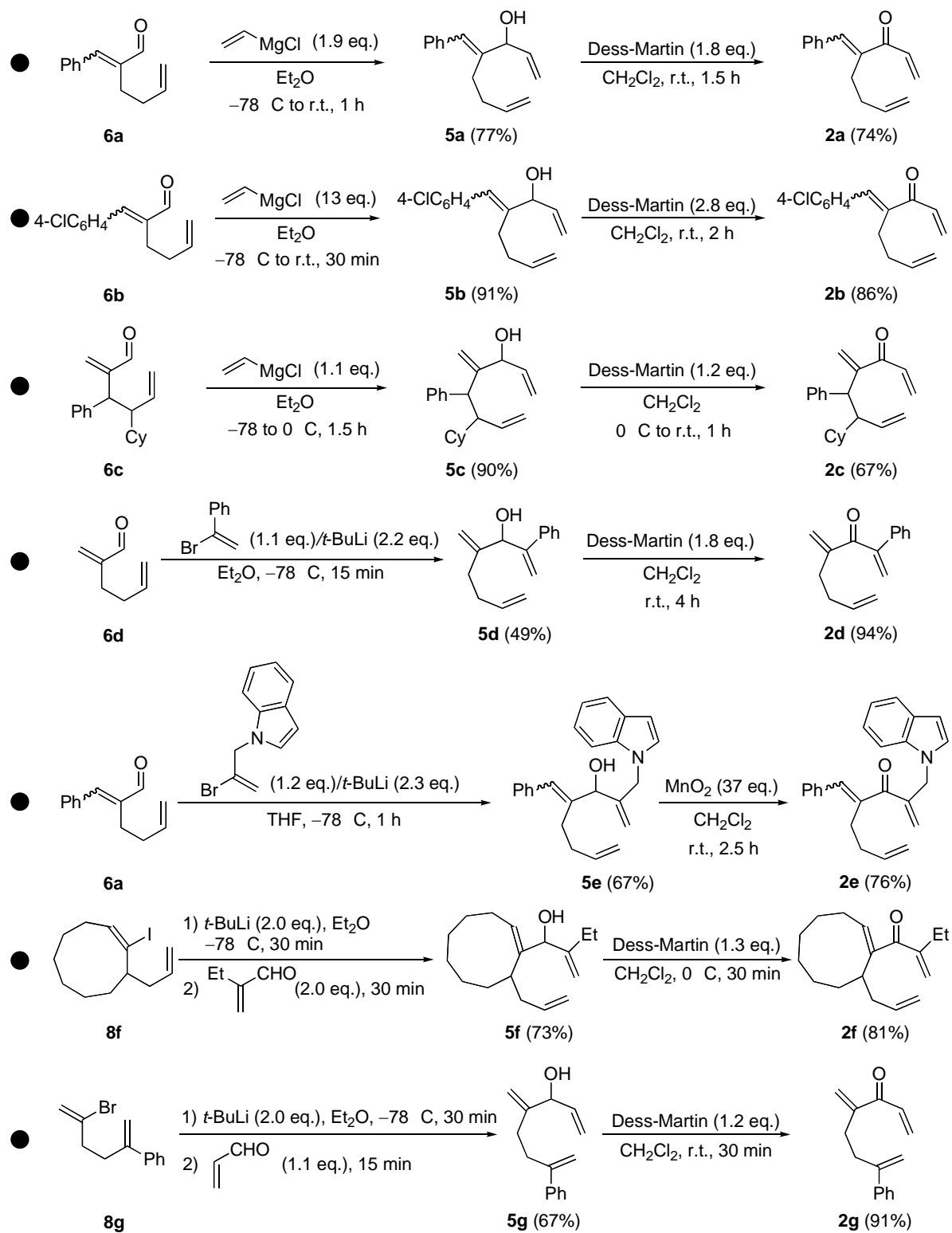
[*] Department of Chemistry, Graduate School of Science, Chiba University, Yayoi-cho, Inage-ku, Chiba

263-8522 (Japan)

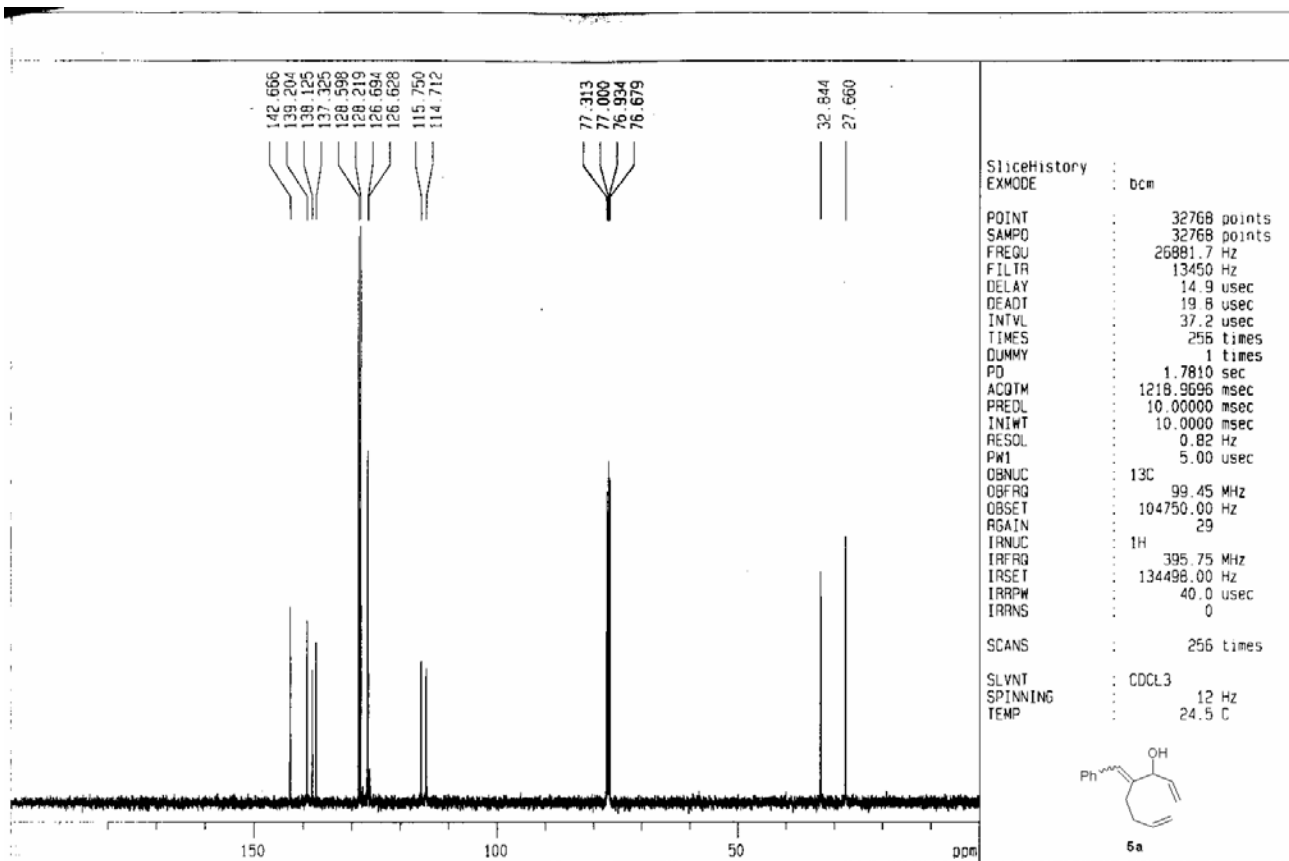
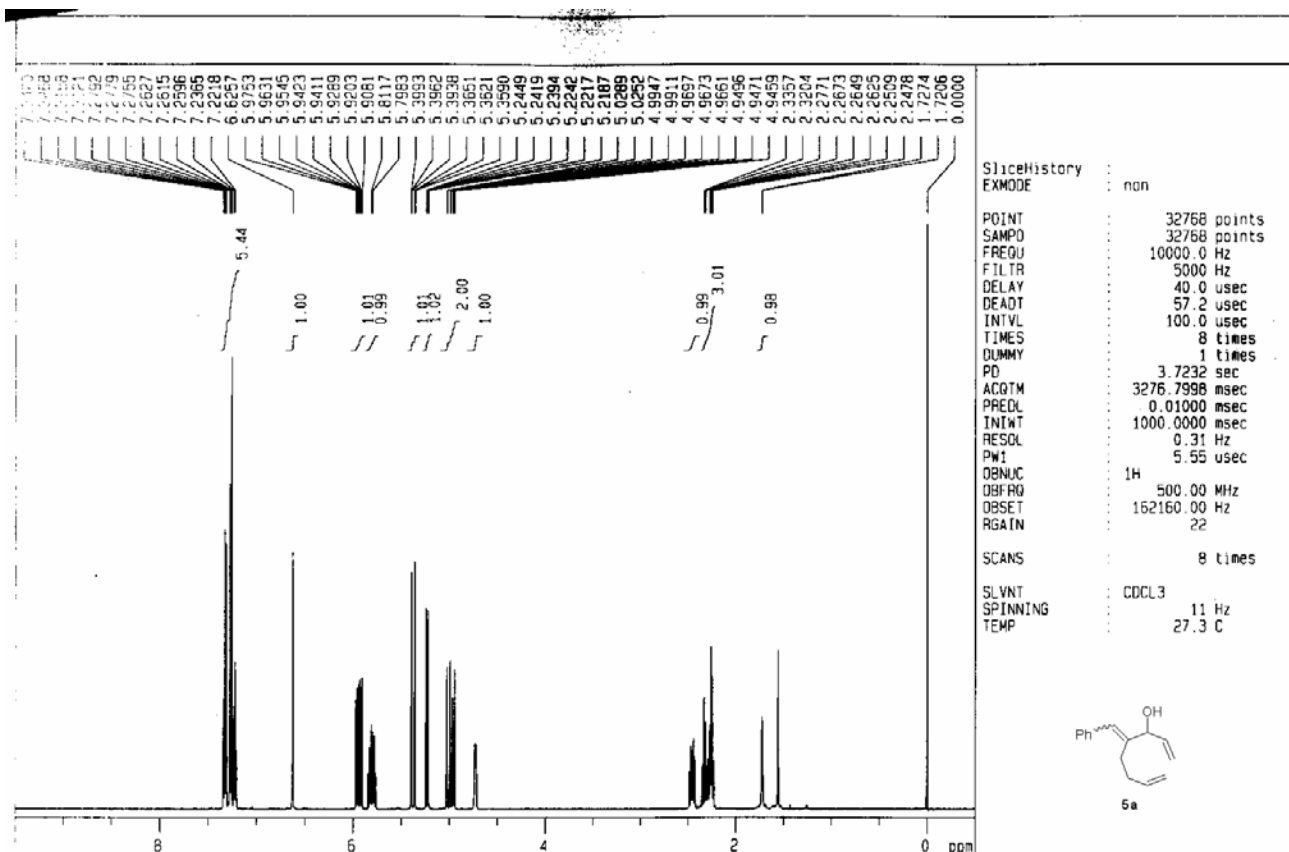
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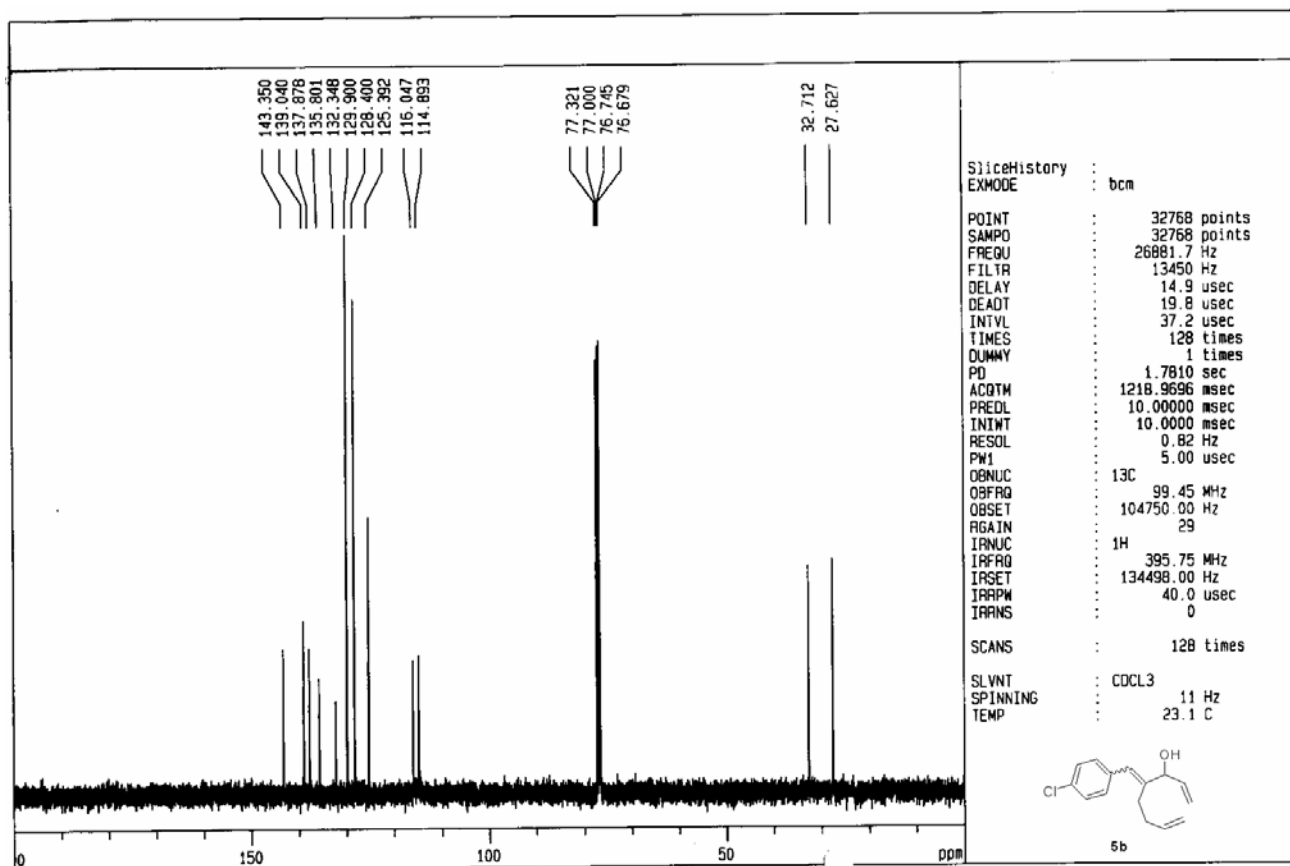
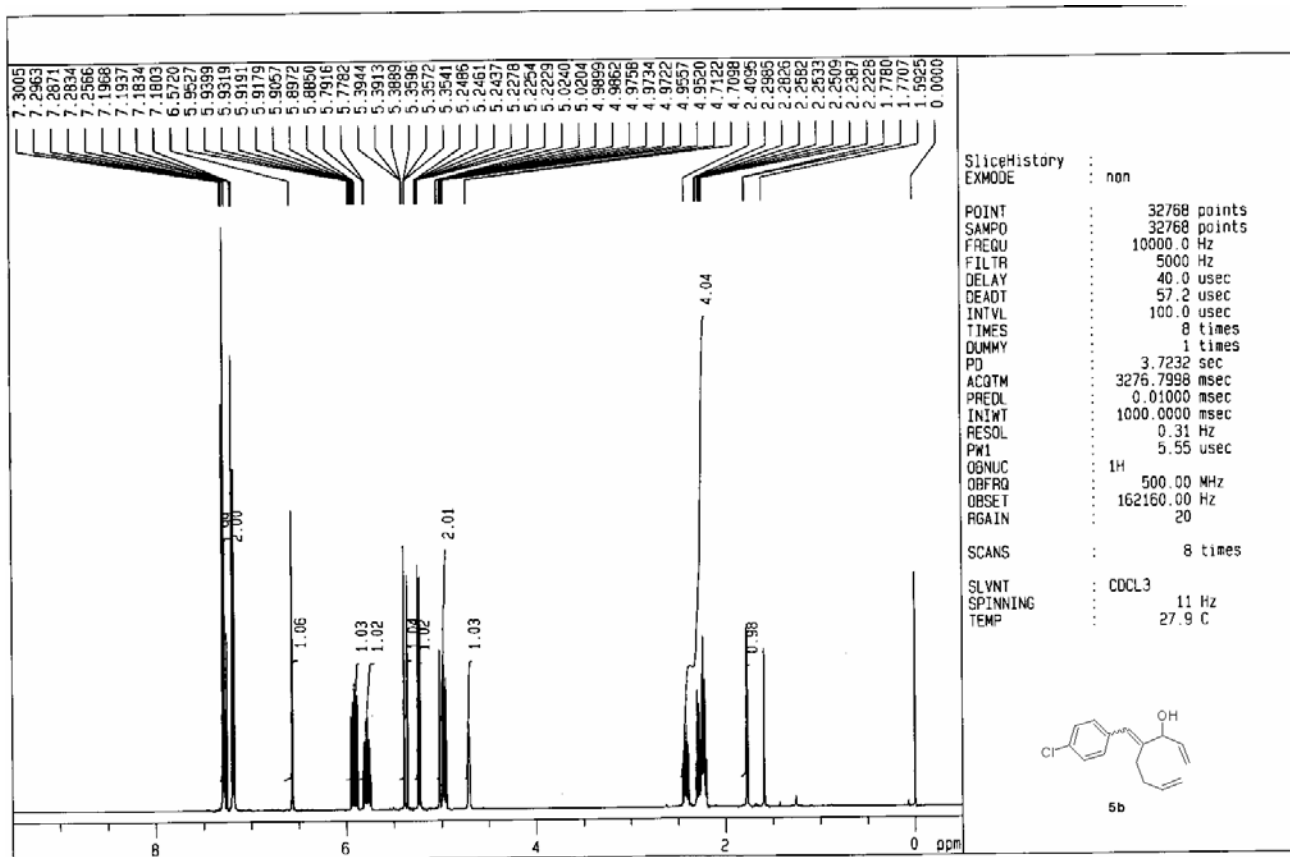
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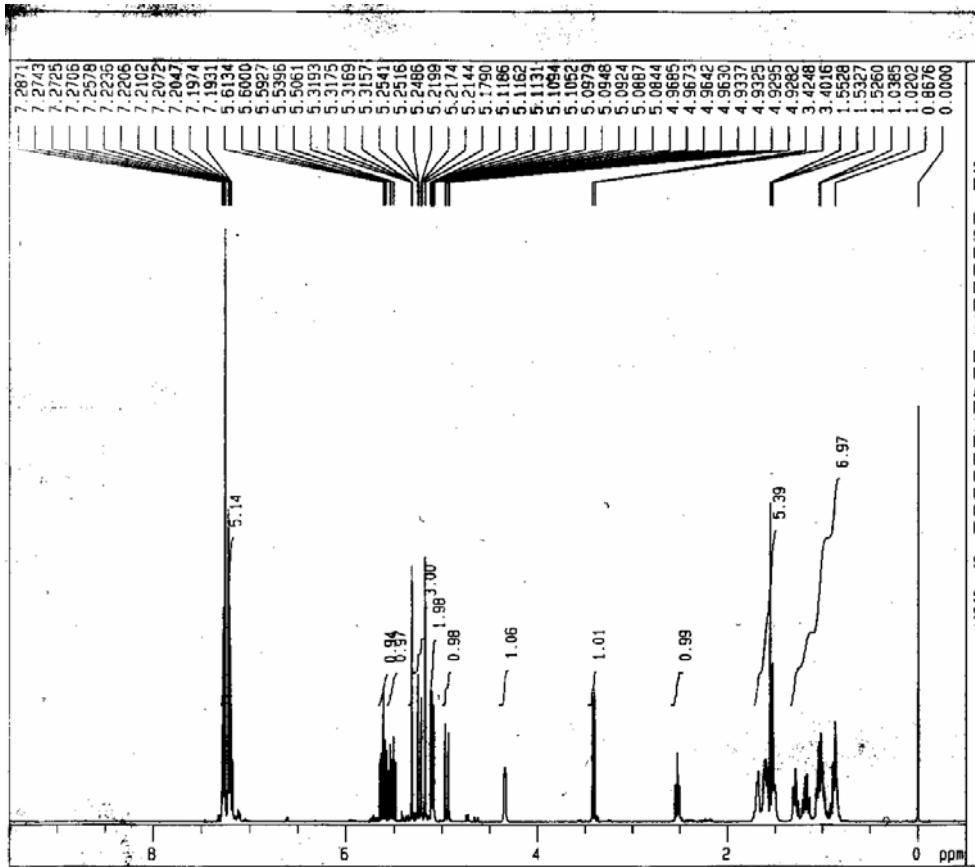
Scheme S-1



New Compounds







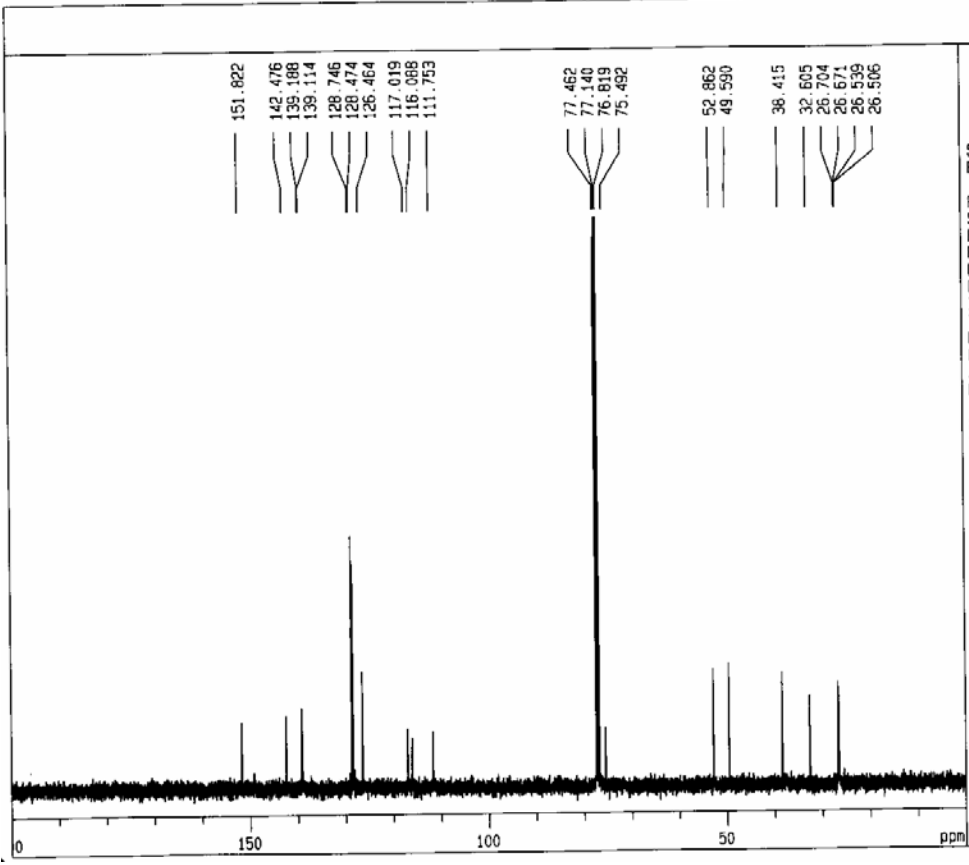
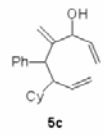
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EXMODE non

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SAMPO 32768 points
FREQU 10000.0 Hz
FILTR 5000 Hz
DELAY 40.0 usec
DEADT 57.2 usec
INTVL 100.0 usec
TIMES 8 times
DUMMY 1 times
PD 3.7232 sec
ACQTM 3276.7998 msec
PREDL 0.01000 msec
ININT 1000.0000 msec
RESOL 0.31 Hz
PW1 5.55 usec

OBNUC 1H
OBFRO 500.00 MHz
OBSET 162150.00 Hz
RGAIN 22

SCANS 8 times

SLVNT COCL3
SPINNING 11 Hz
TEMP 24.8 C



SliceHistory
EXMODE bcm

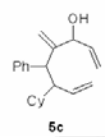
POINT 32768 points
SAMPO 32768 points
FREQU 26881.7 Hz
FILTR 13450 Hz
DELAY 14.9 usec
DEADT 19.8 usec
INTVL 37.2 usec
TIMES 4096 times
DUMMY 1 times
PD 1.7910 sec
ACQTM 1218.9696 msec
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ININT 10.0000 msec
RESOL 0.82 Hz
PW1 5.00 usec

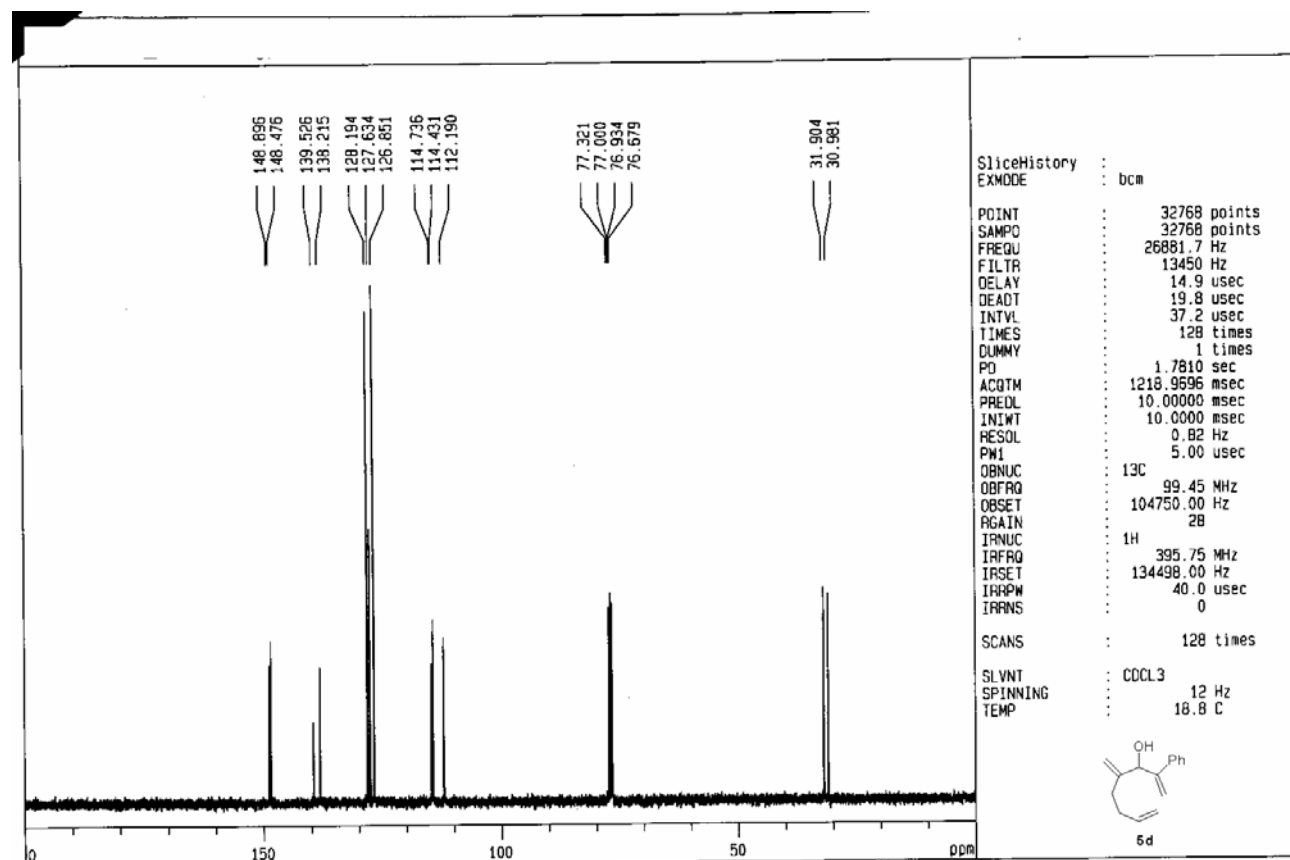
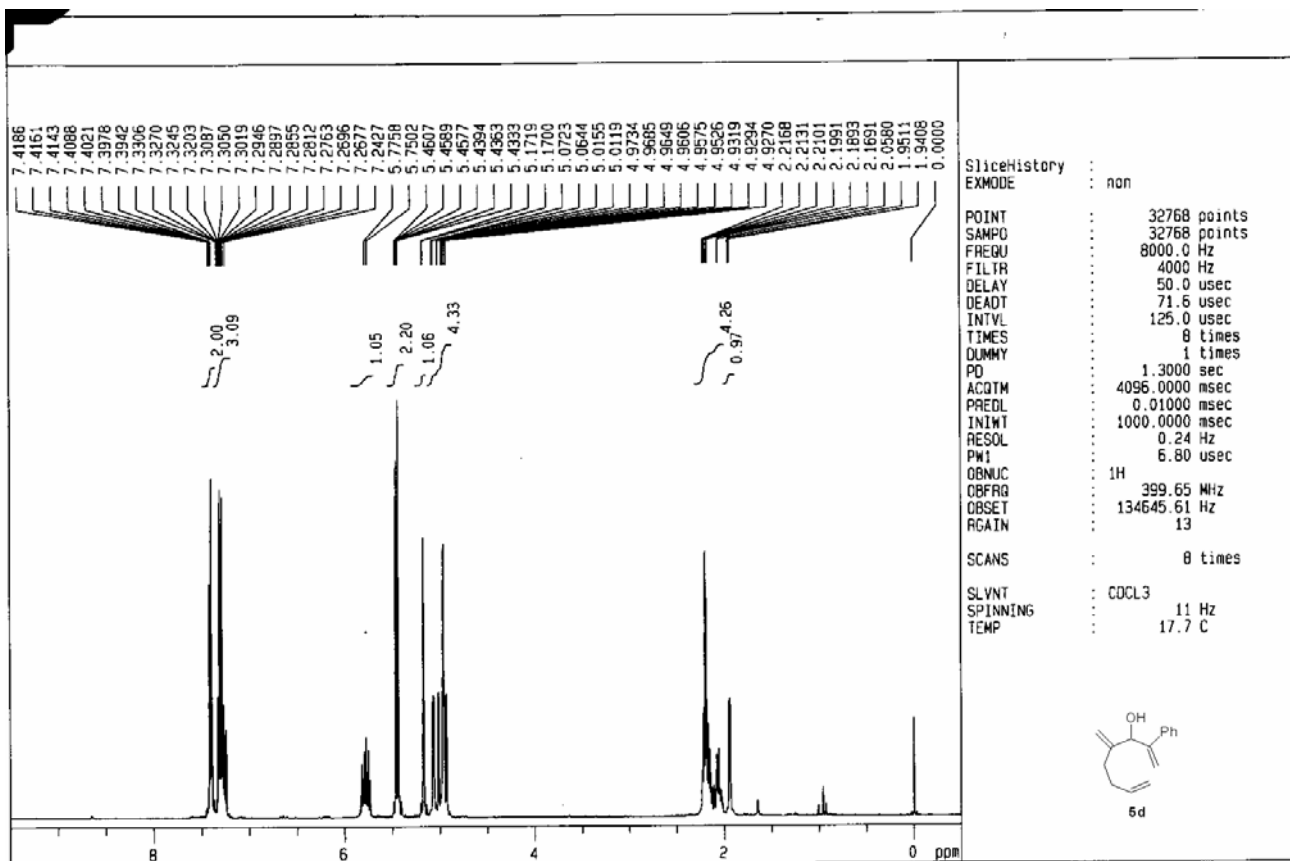
OBNUC 13C
OBFRO 99.45 MHz
OBSET 104750.00 Hz
RGAIN 29

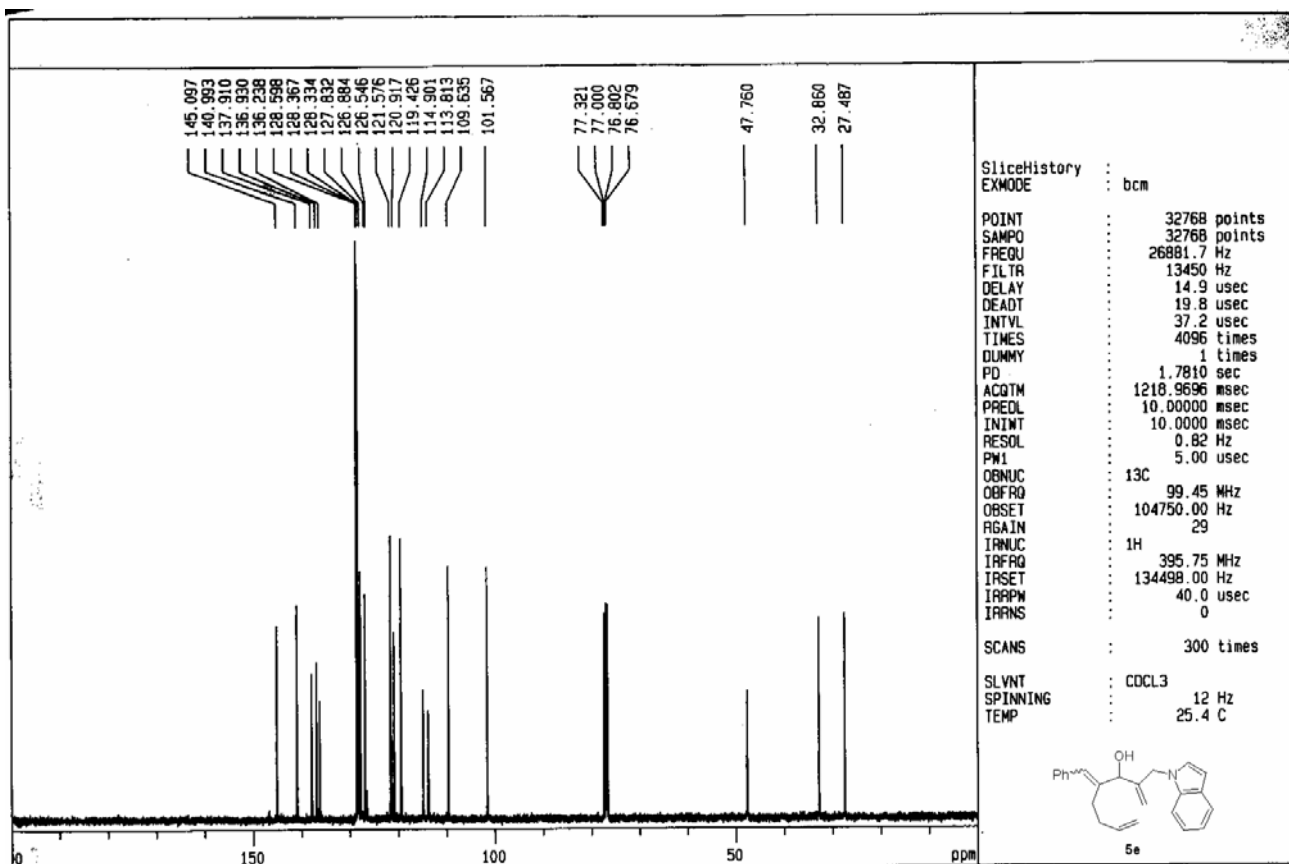
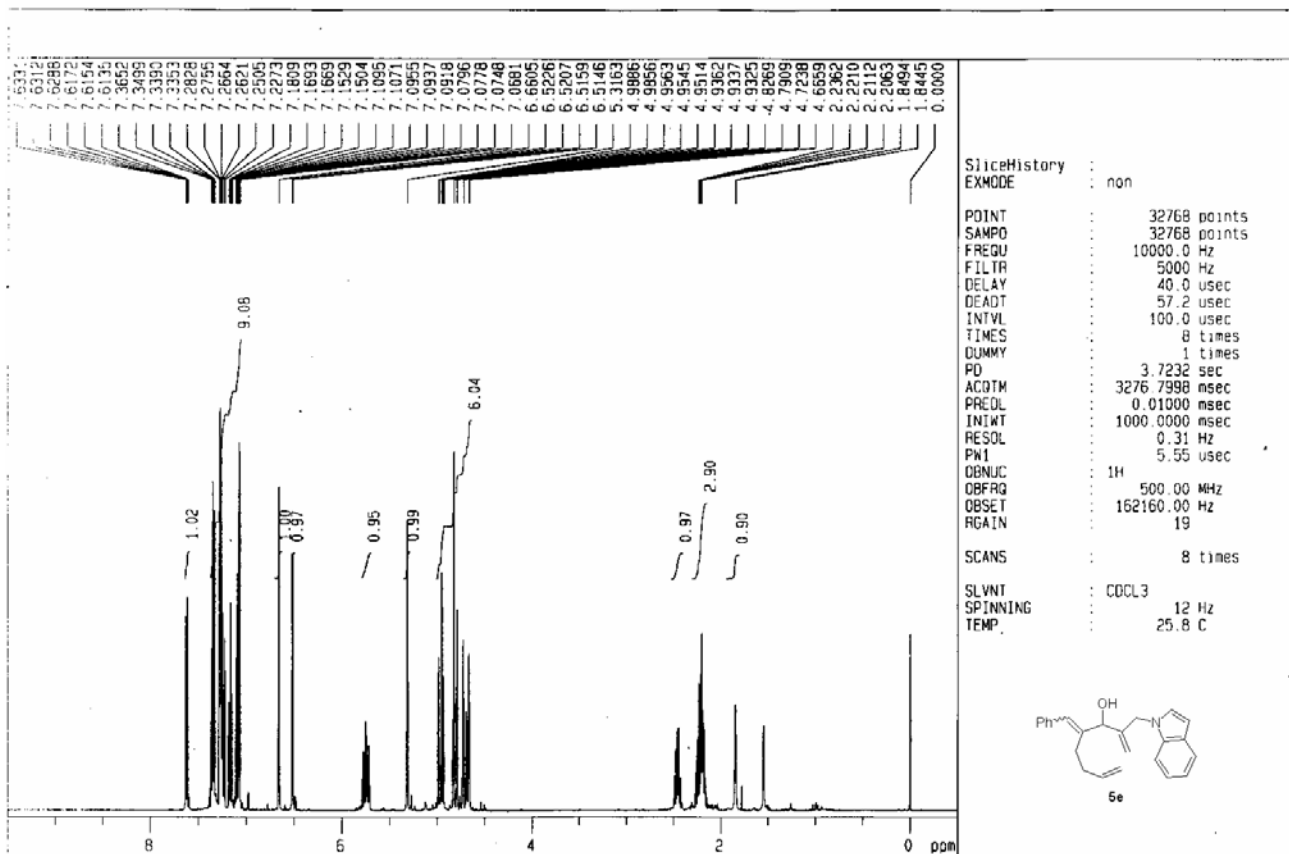
IRNUC 1H
IRFRO 395.75 MHz
IRSET 134498.00 Hz
IRRPW 40.0 usec
IRRNS 0

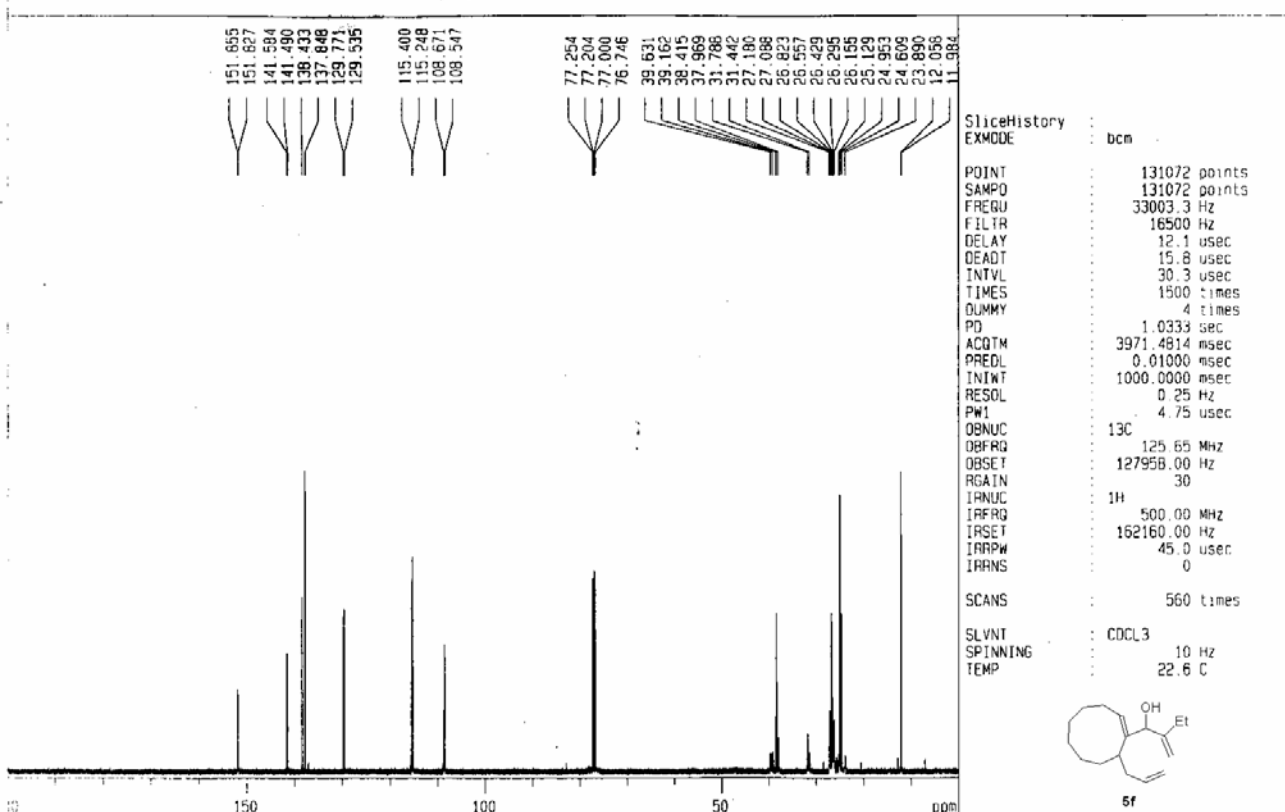
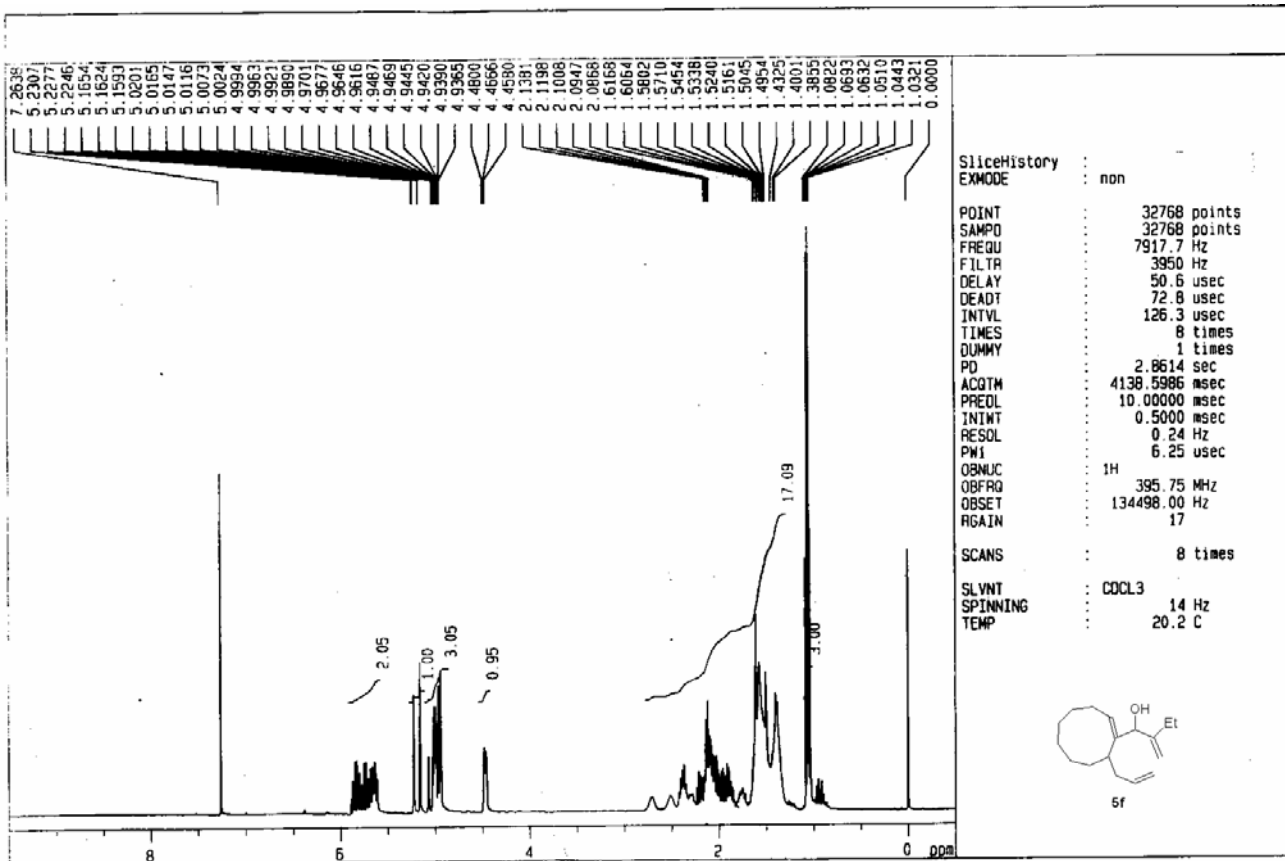
SCANS 426 times

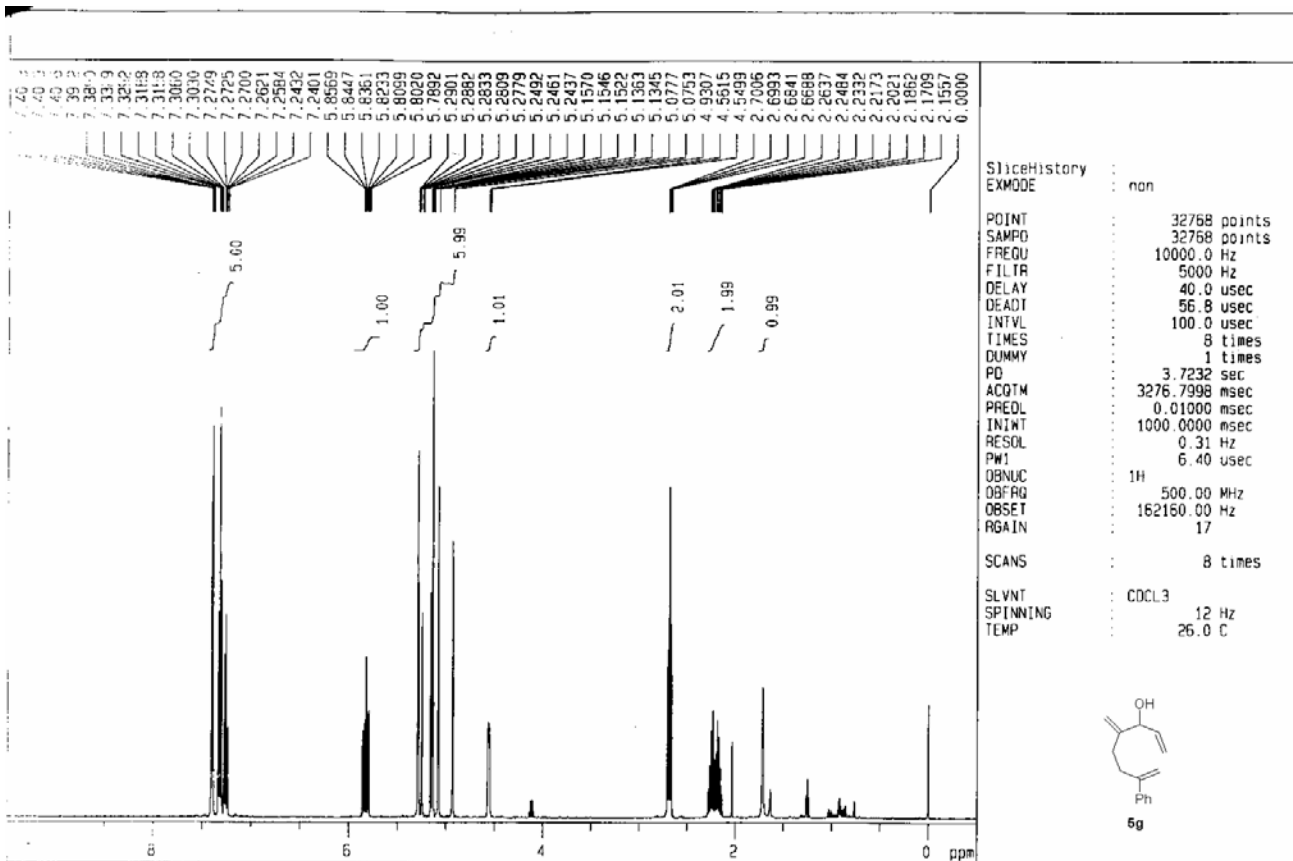
SLVNT COCL3
SPINNING 11 Hz
TEMP 22.5 C











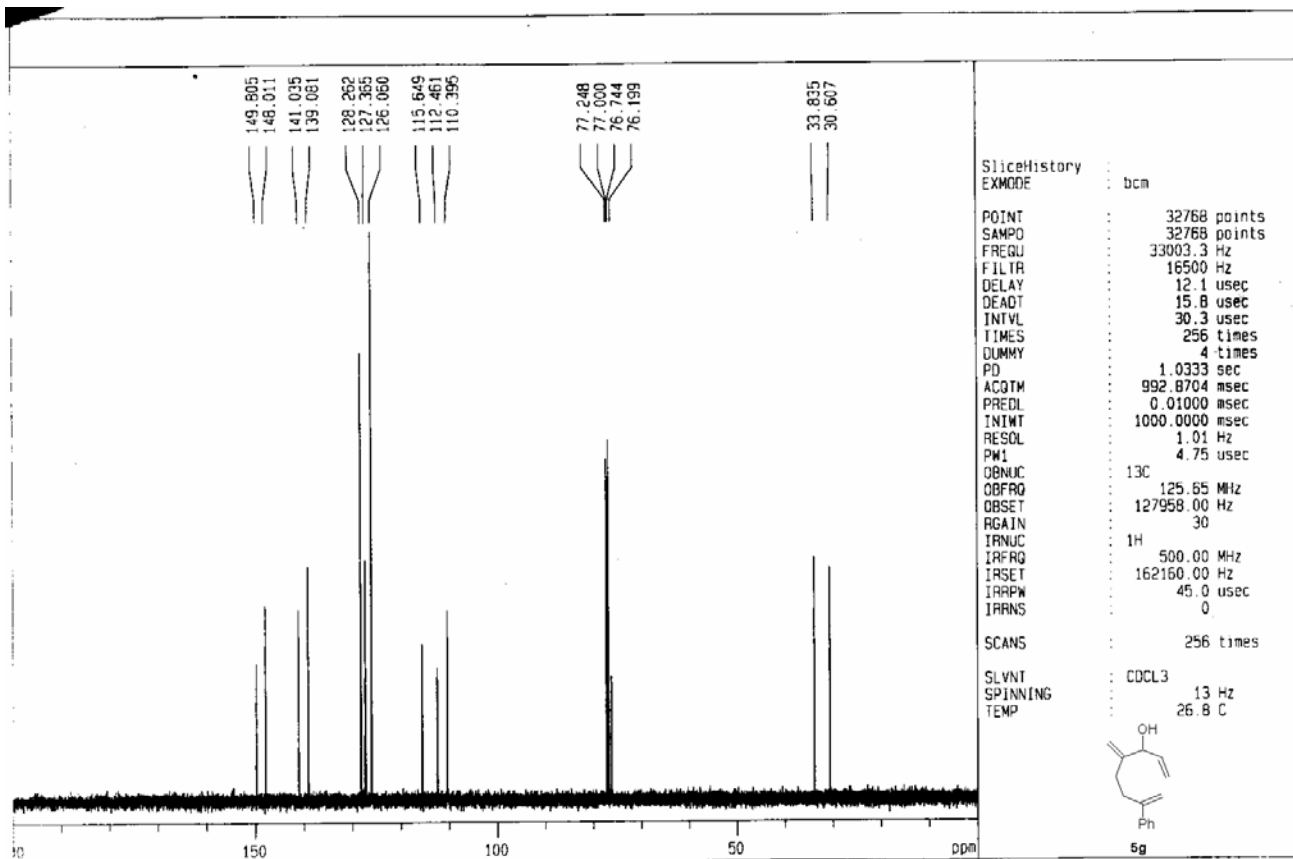
SliceHistory
EXMODE : non

POINT : 32768 points
SAMPD : 32768 points
FREQU : 10000.0 Hz
FILTR : 5000 Hz
DELAY : 40.0 usec
DEADT : 56.8 usec
INTVL : 100.0 usec
TIMES : 8 times
DUMMY : 1 times
PD : 3.7232 sec
ACQTM : 3276.7998 msec
PREDL : 0.01000 msec
INIWT : 1000.0000
RESOL : 0.31 Hz
PW1 : 6.40 usec

OBNUC : 1H
OBFRQ : 500.00 MHz
OBSET : 162150.00 Hz
RGAIN : 17

SCANS : 8 times

SLVNT : CDCL3
SPINNING : 12 Hz
TEMP : 26.0 C



SliceHistory
EXMODE : bcm

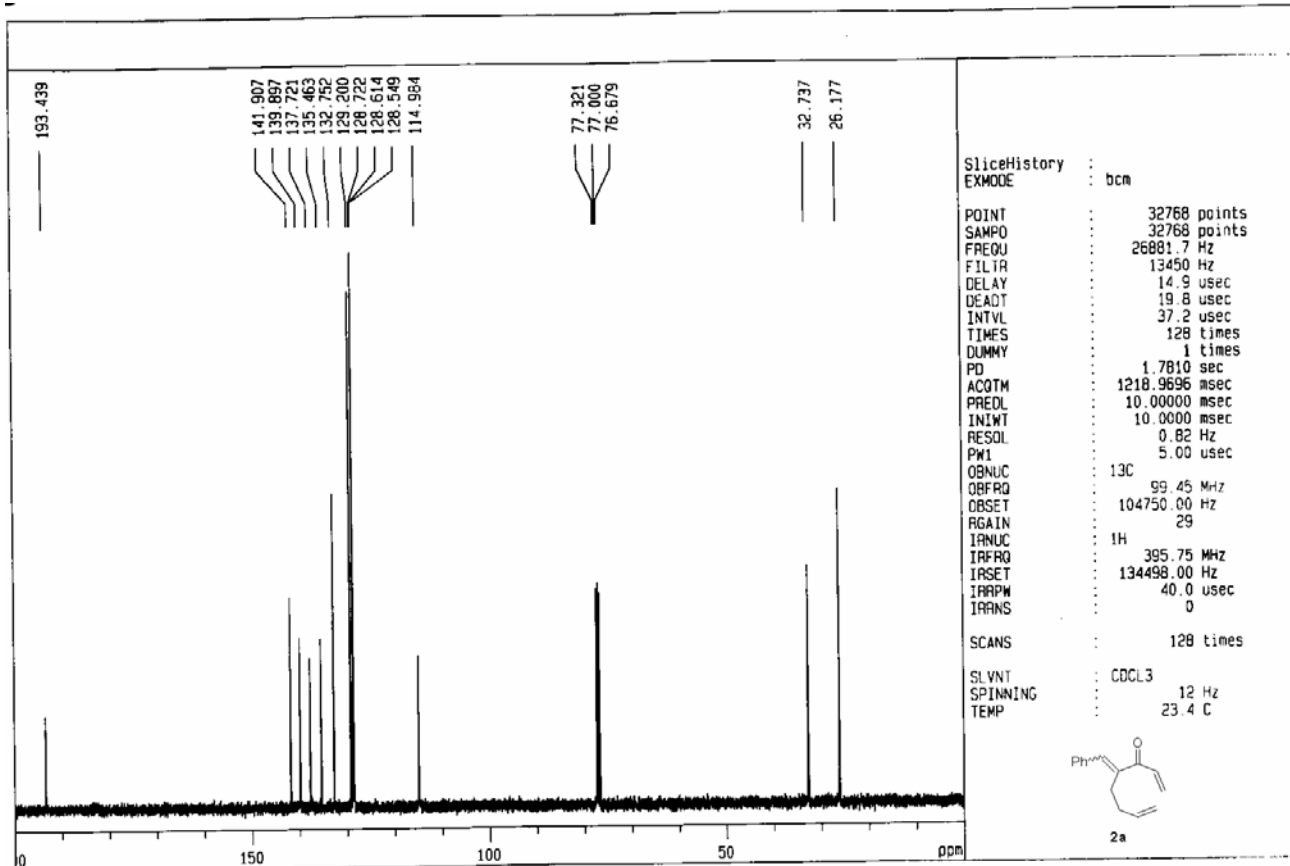
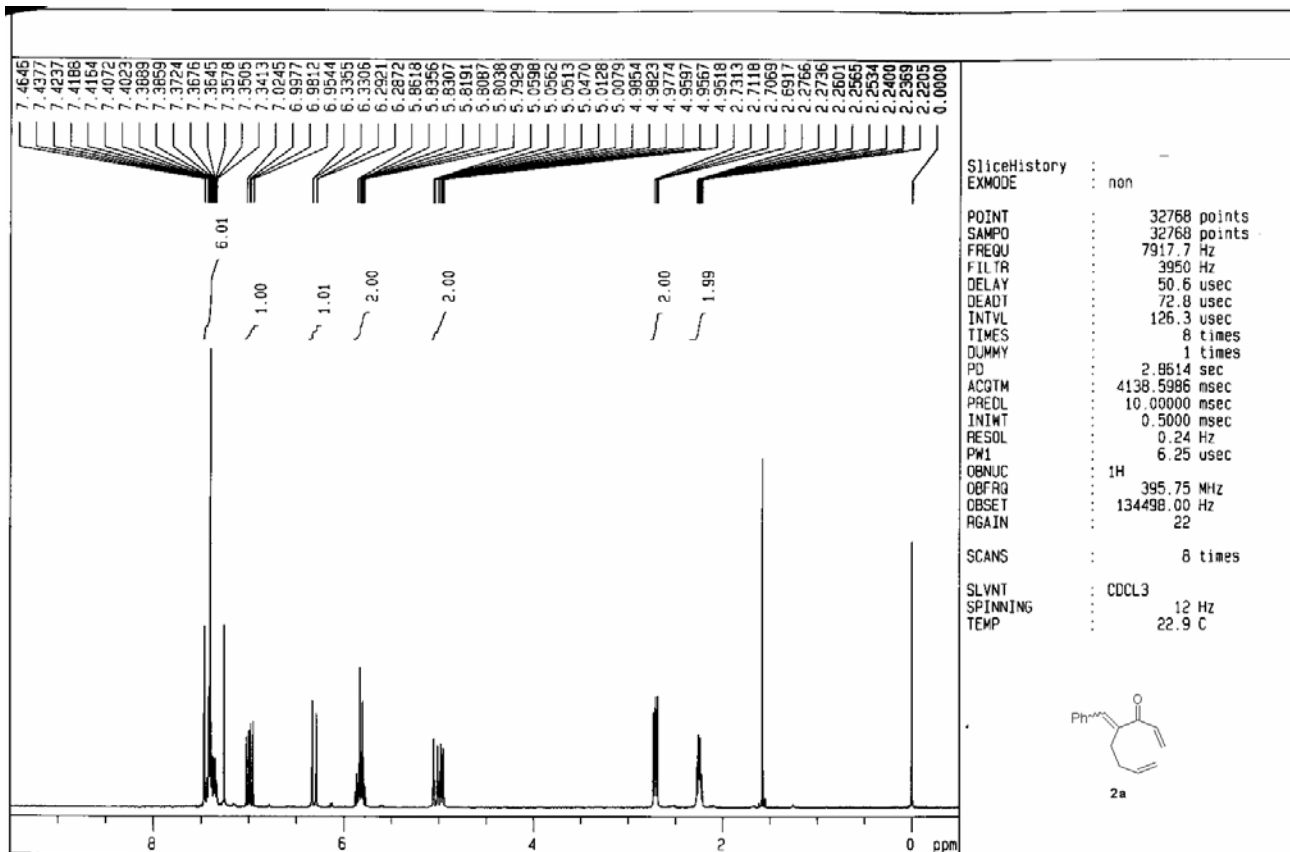
POINT : 32768 points
SAMPD : 32768 points
FREQU : 33003.3 Hz
FILTR : 16500 Hz
DELAY : 12.1 usec
DEADT : 15.8 usec
INTVL : 30.3 usec
TIMES : 256 times
DUMMY : 4 times
PD : 1.0333 sec
ACQTM : 992.8704 msec
PREDL : 0.01000 msec
INIWT : 1000.0000 msec
RESOL : 1.01 Hz
PW1 : 4.75 usec

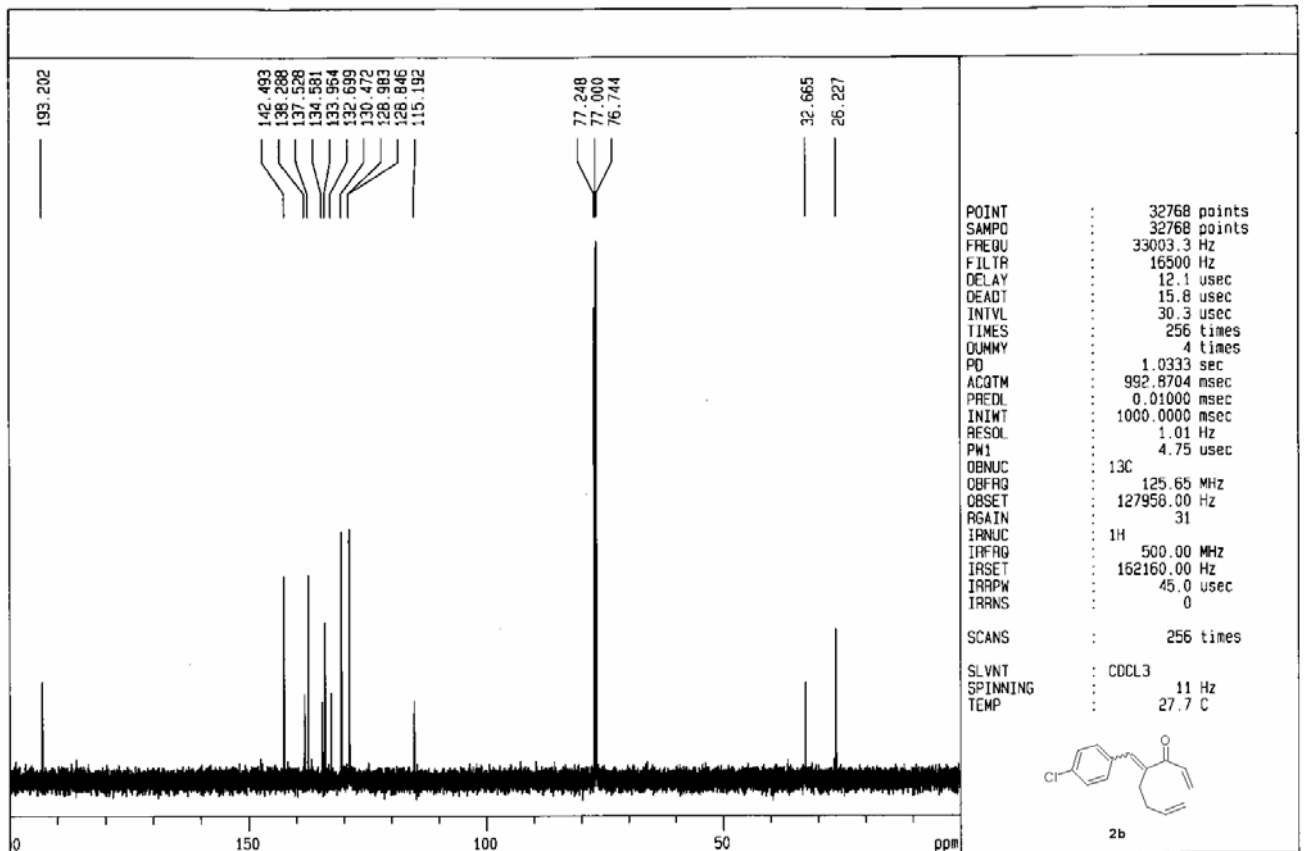
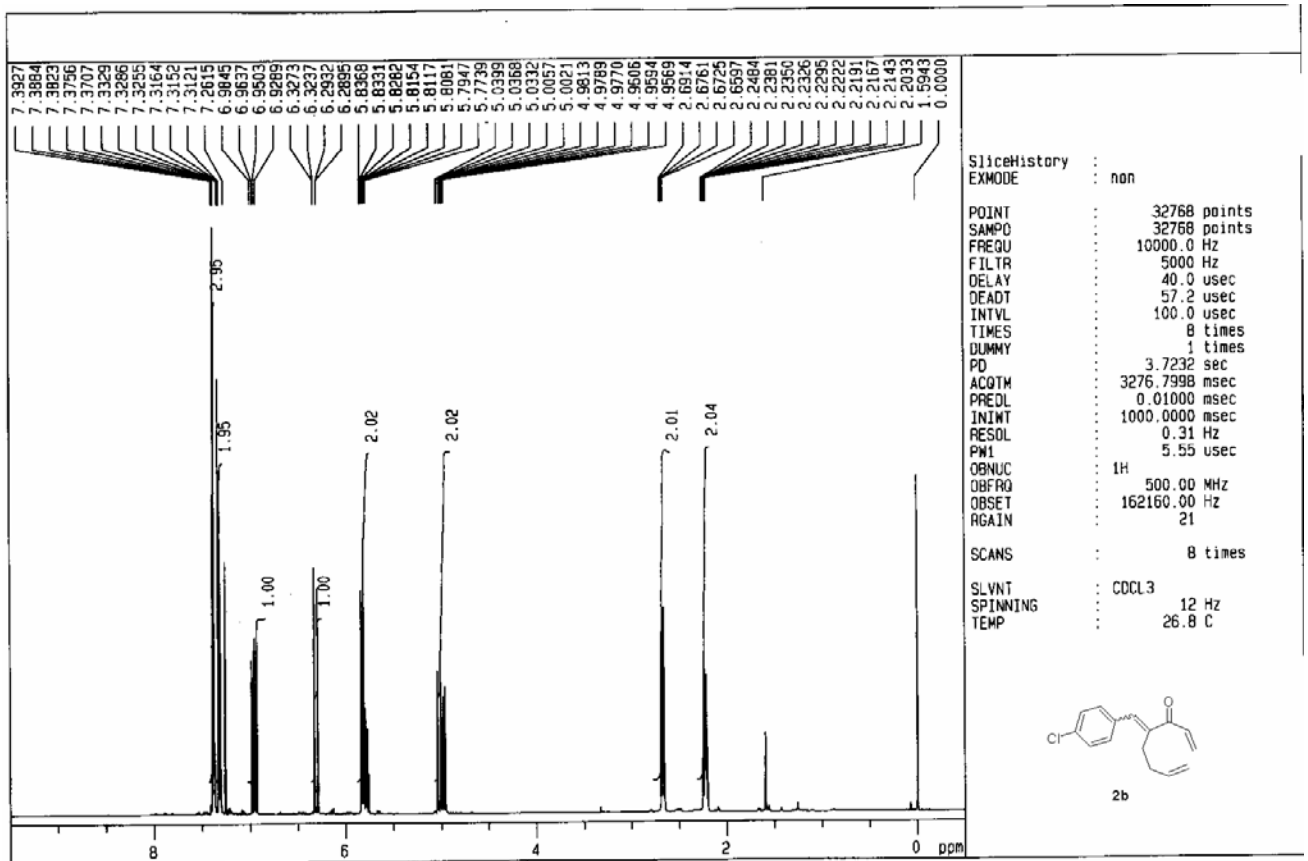
OBNUC : 13C
OBFRQ : 125.55 MHz
OBSET : 127958.00 Hz
RGAIN : 30

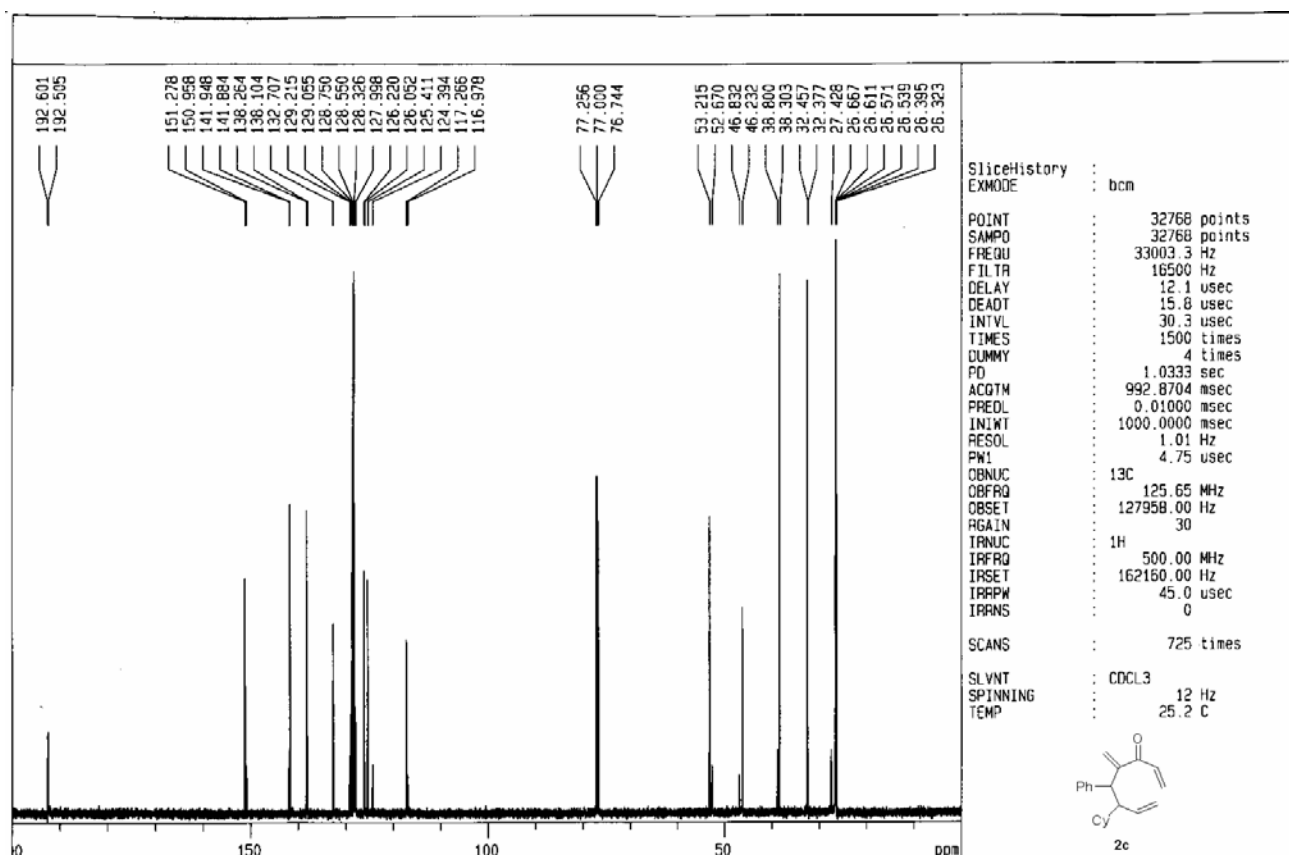
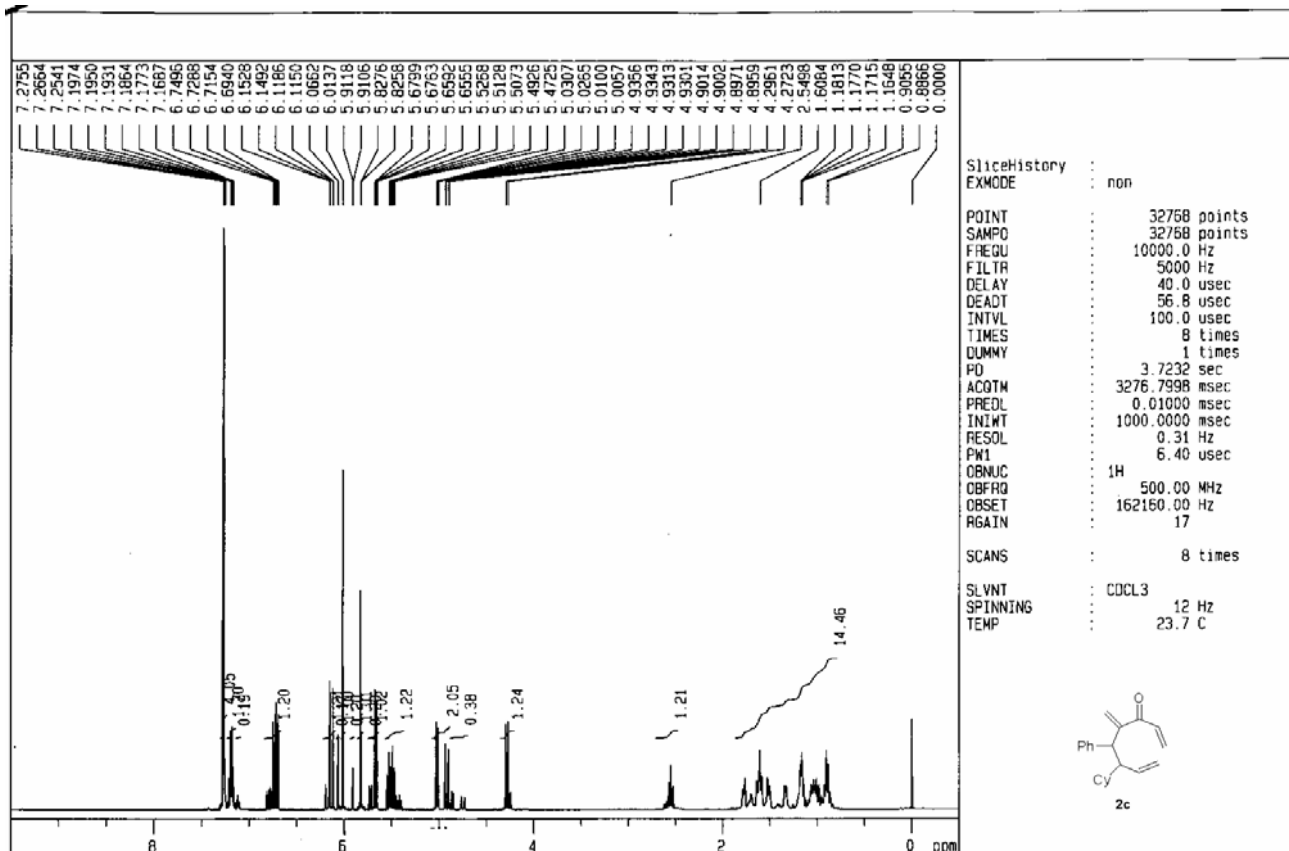
IRNUC : 1H
IRFRQ : 500.00 MHz
IRSET : 162150.00 Hz
IRPW1 : 45.0 usec
IRRNS : 0

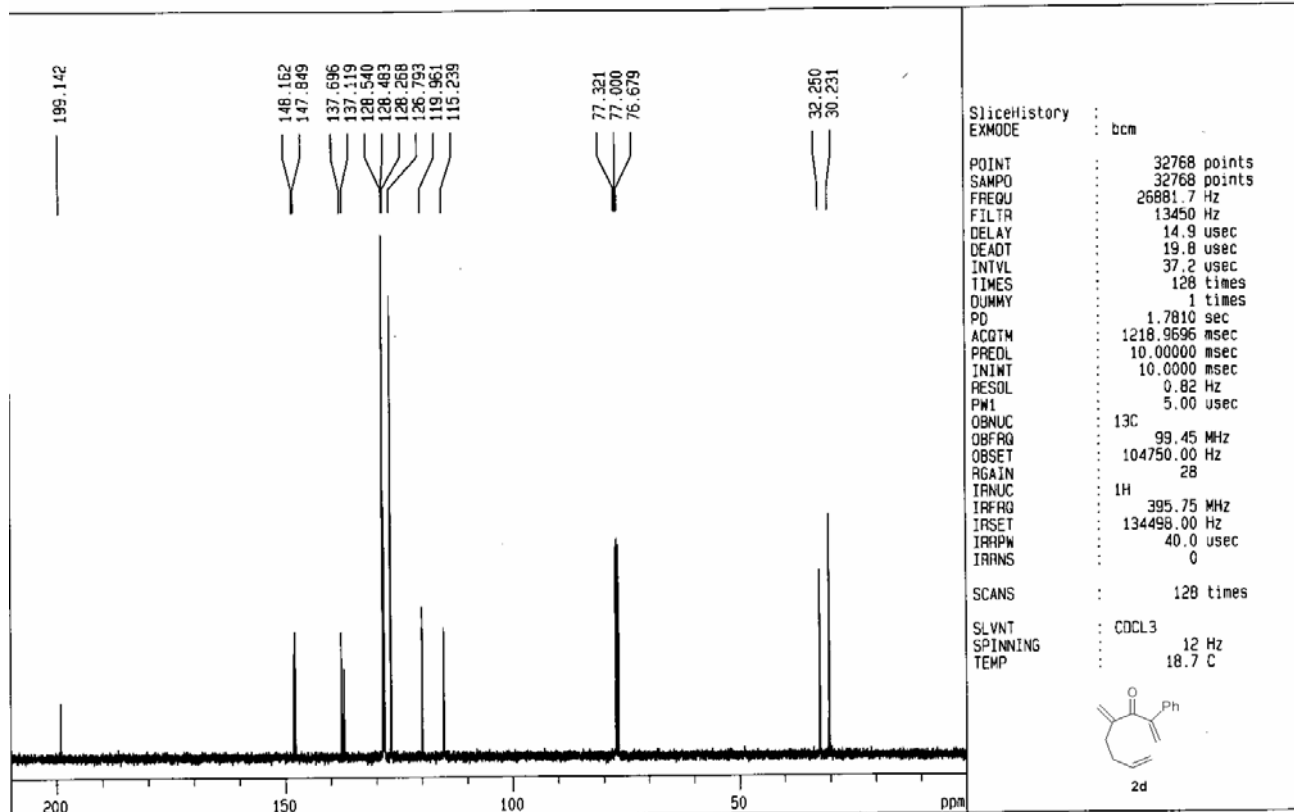
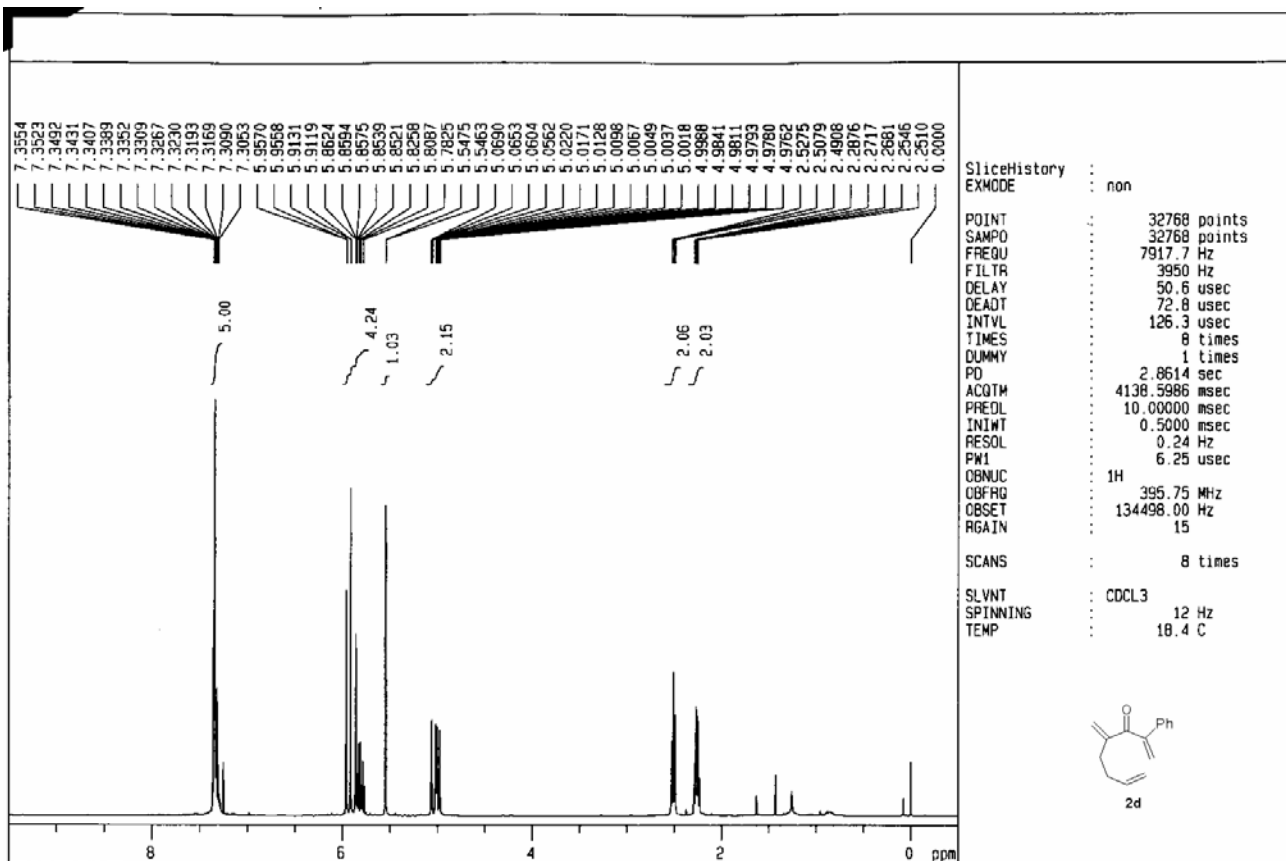
SCANS : 256 times

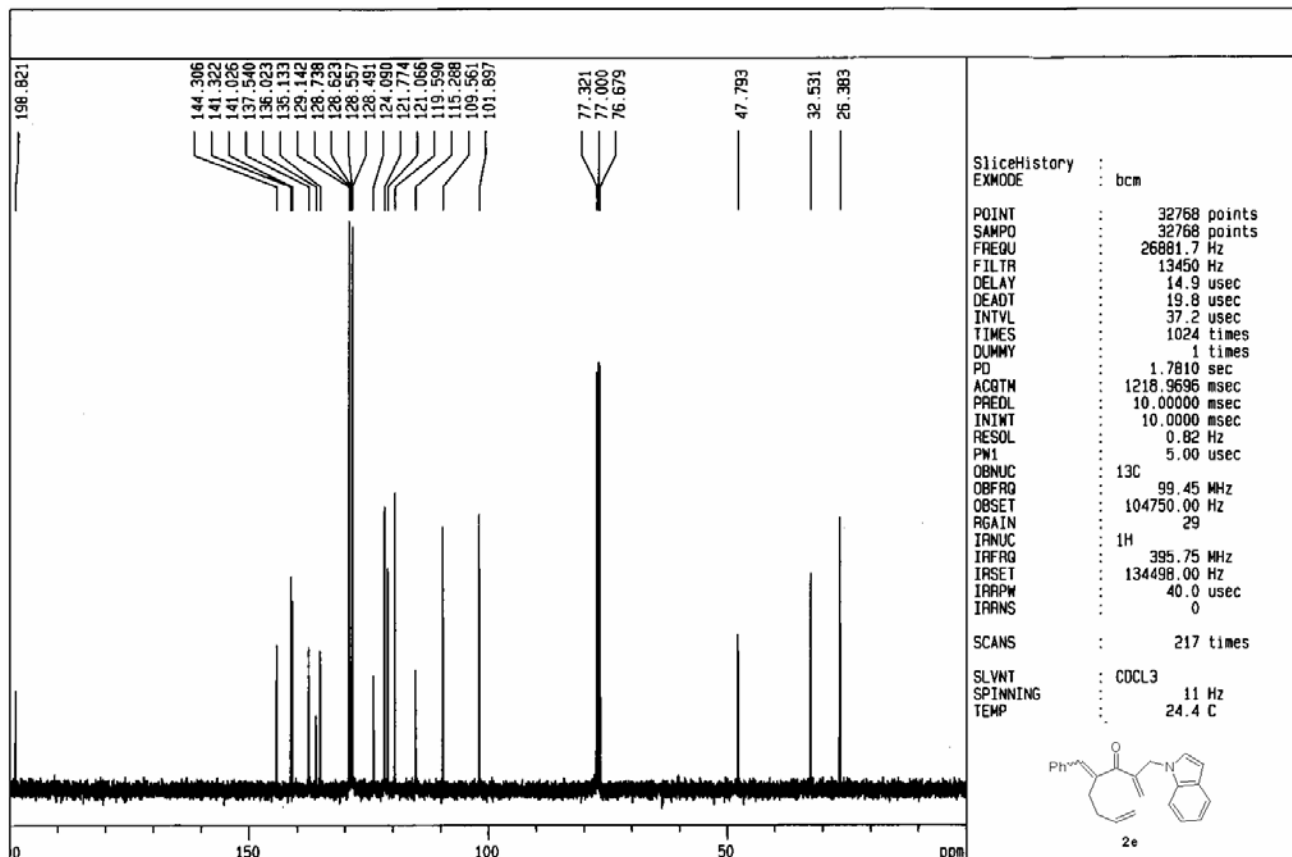
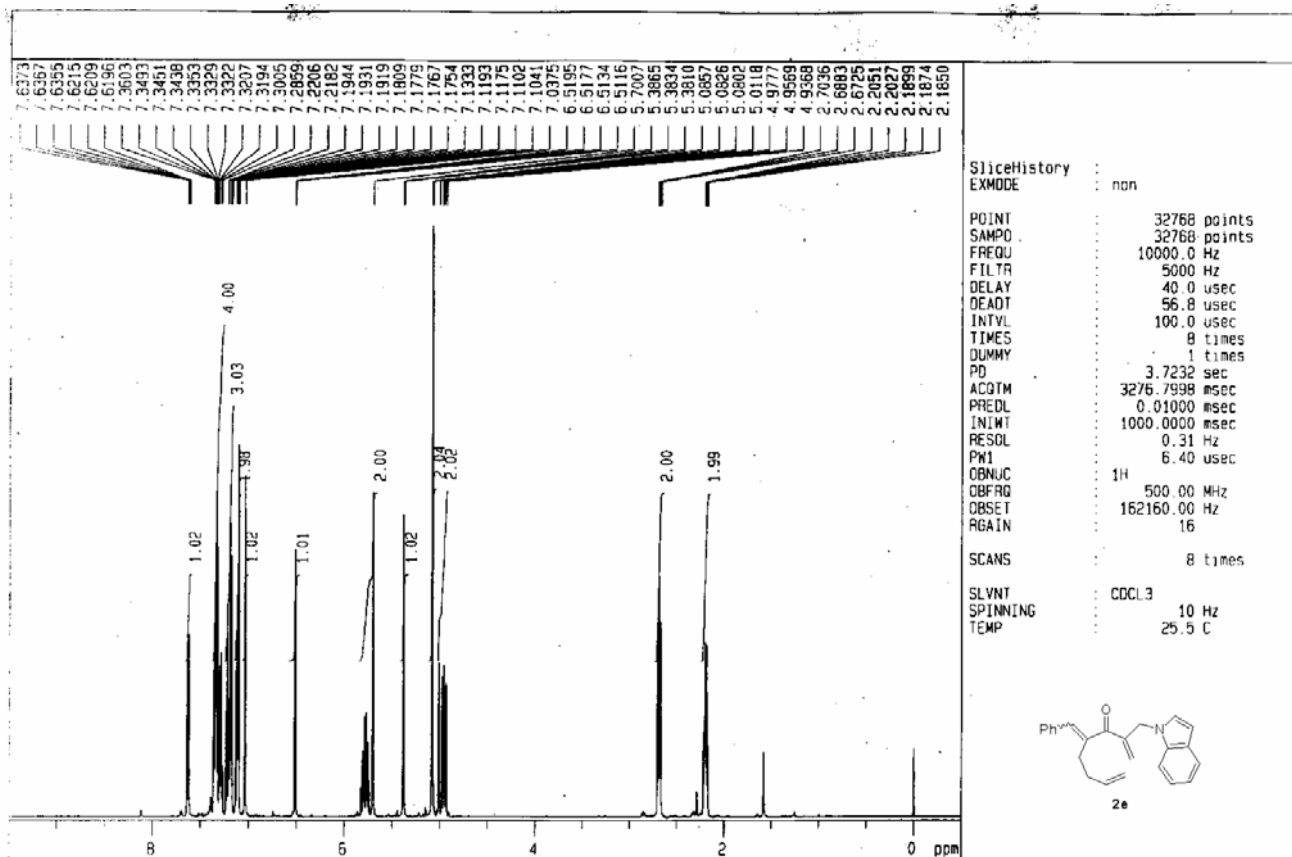
SLVNT : CDCL3
SPINNING : 13 Hz
TEMP : 26.8 C

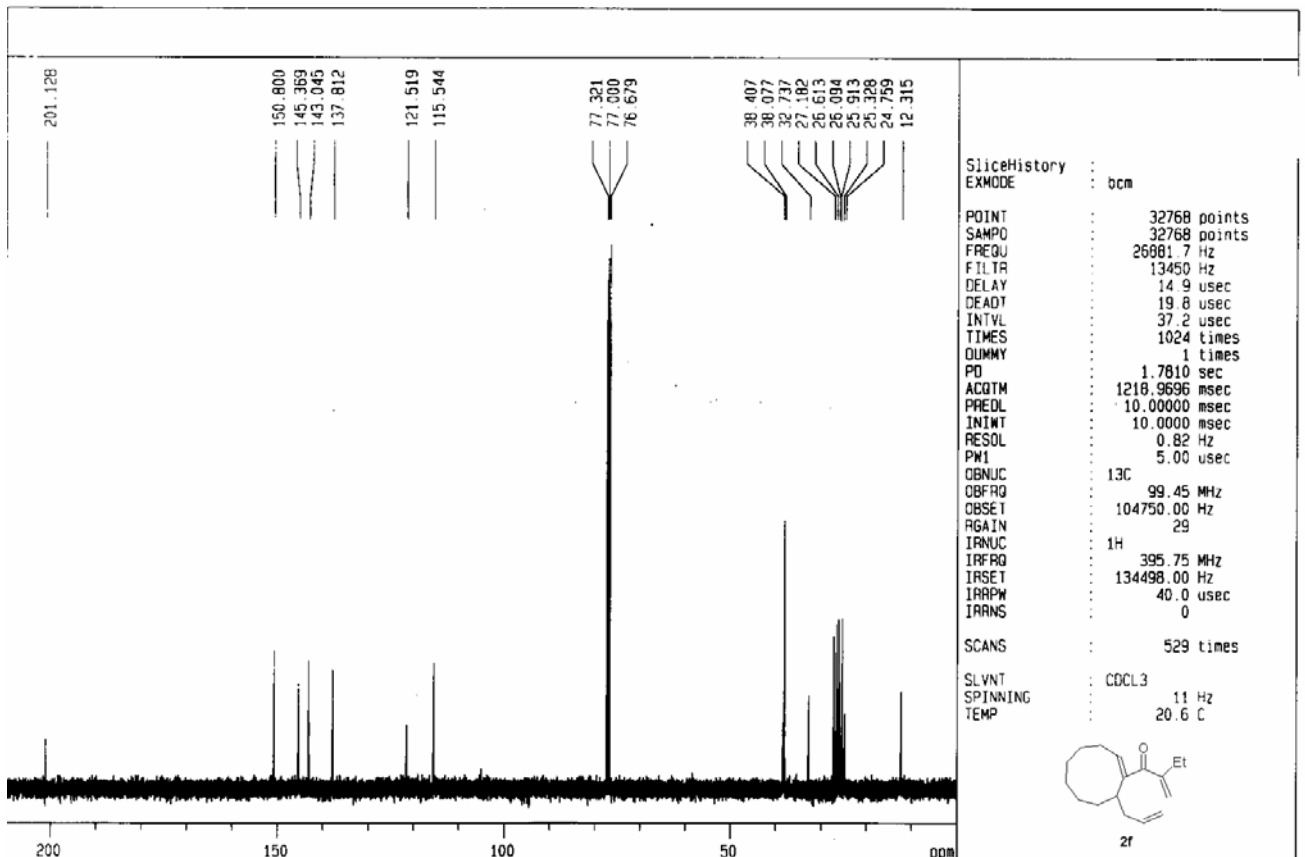
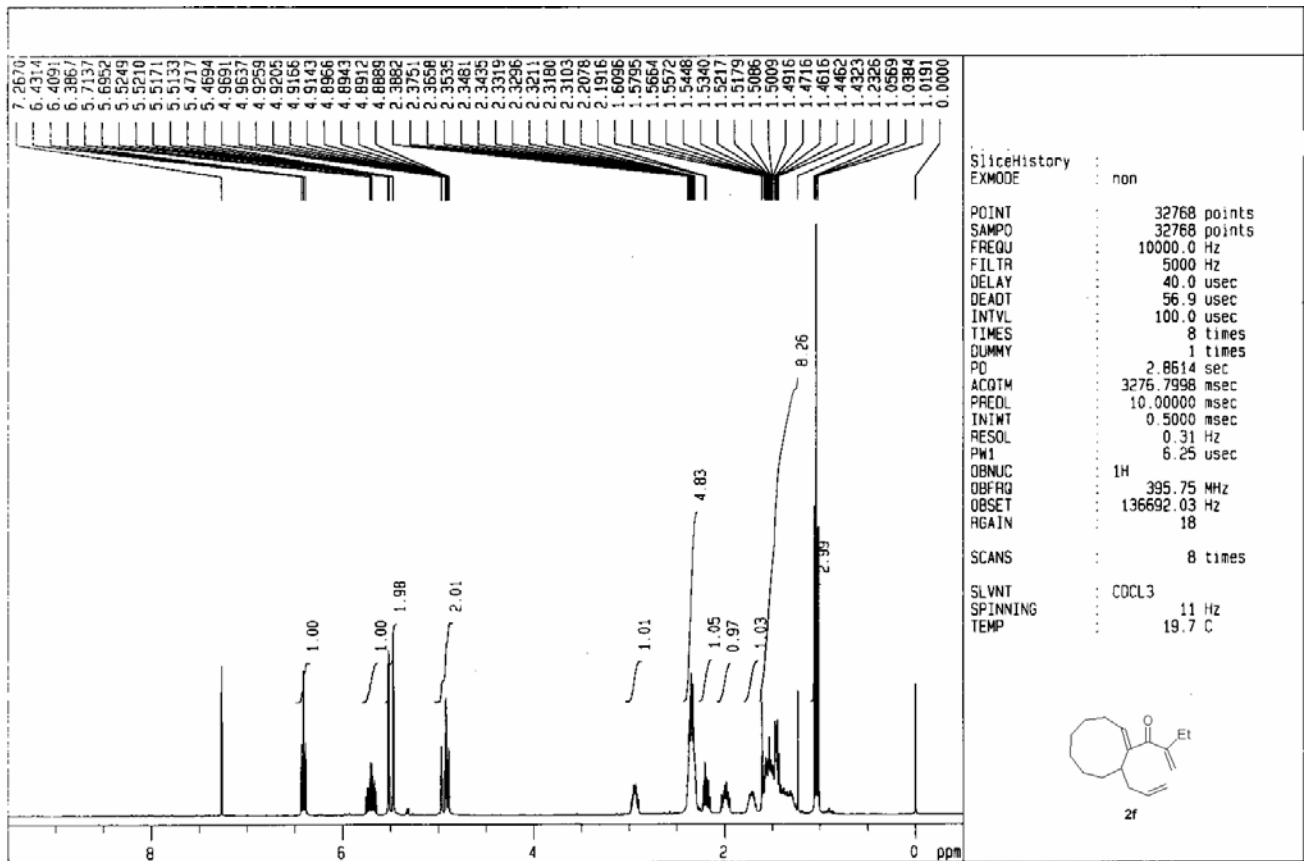


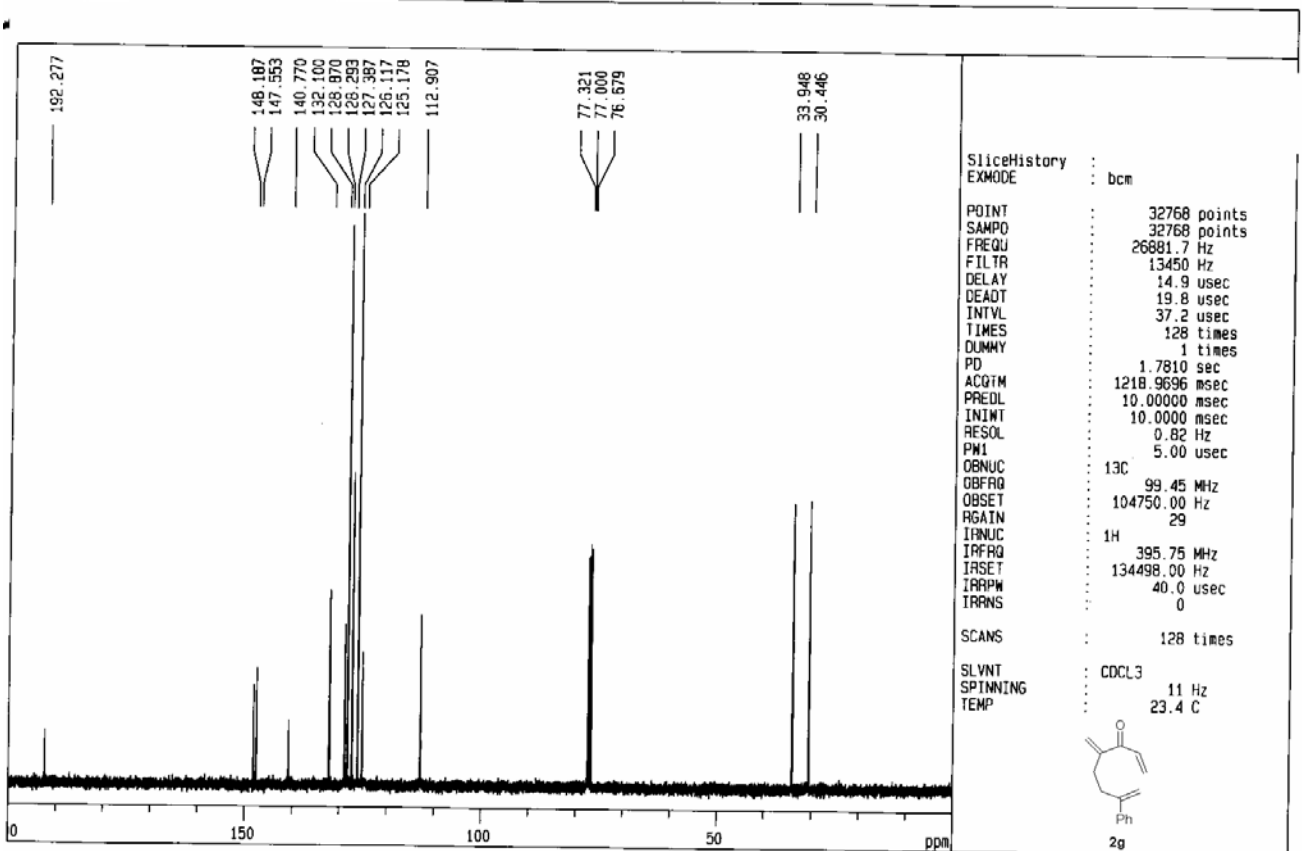
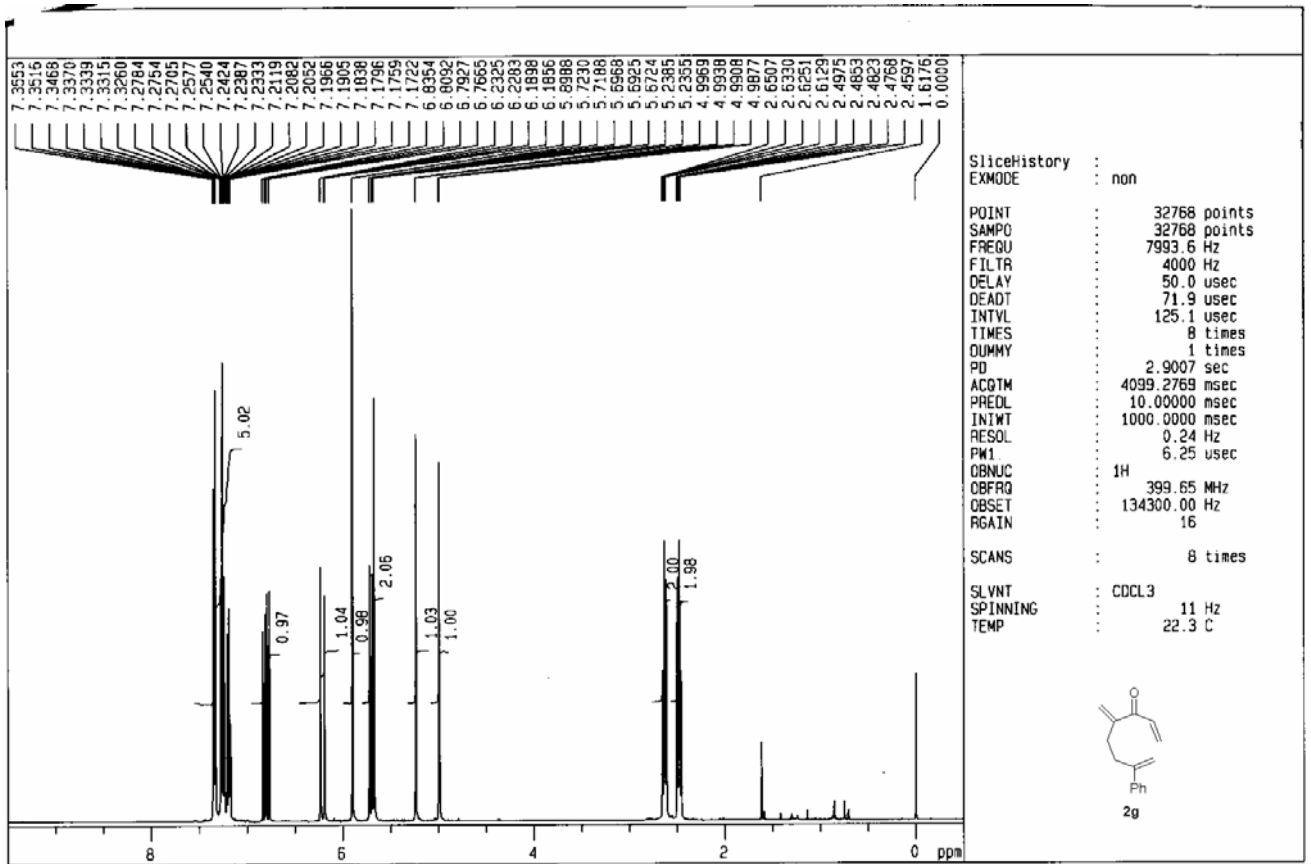


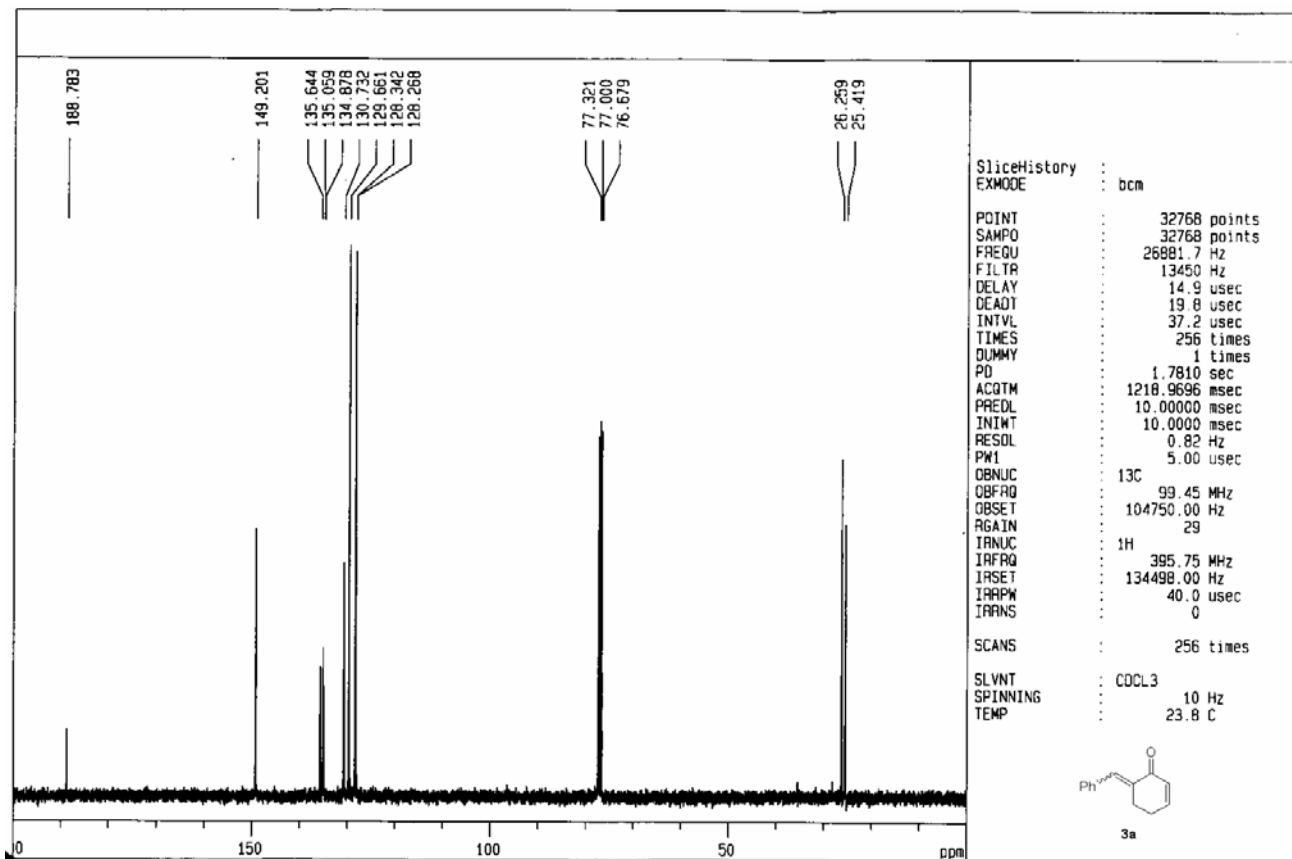
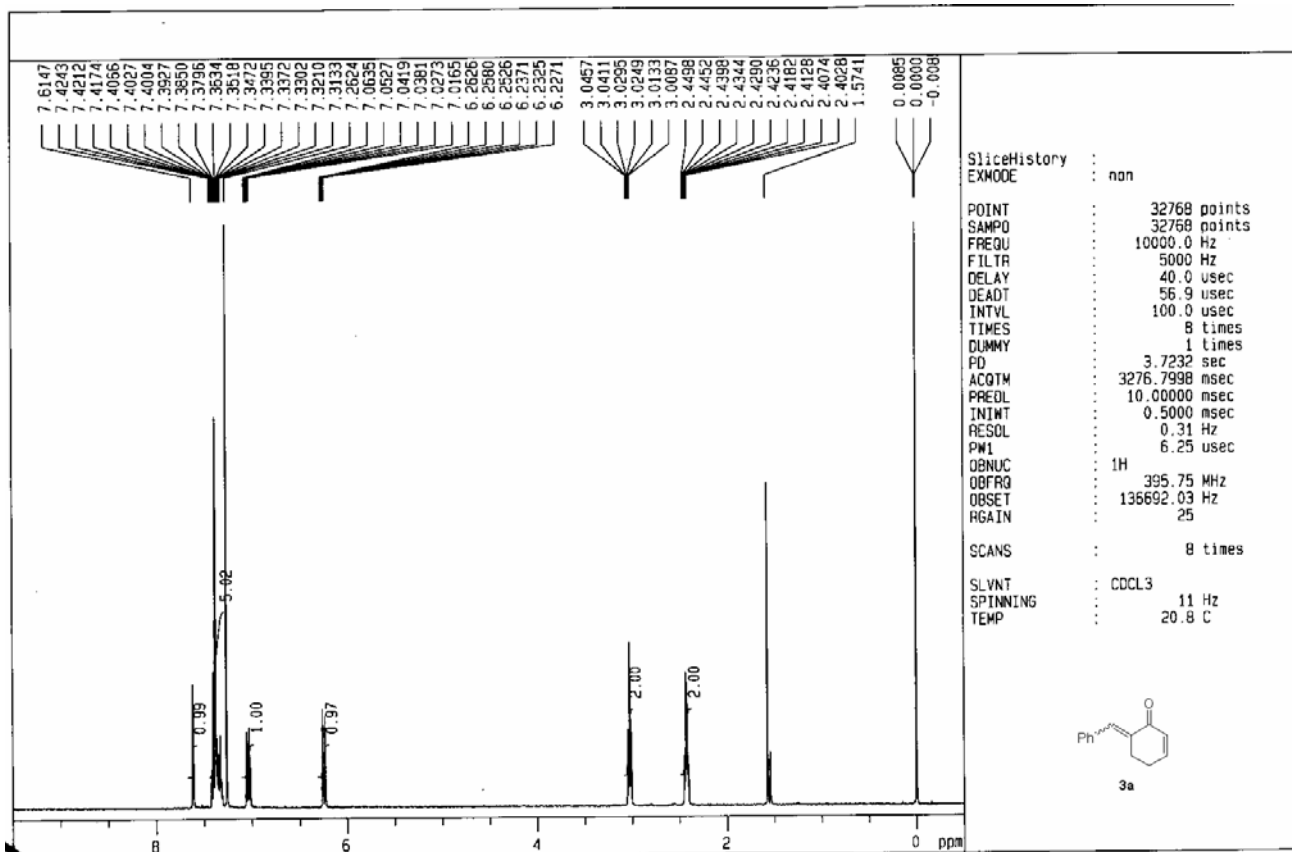


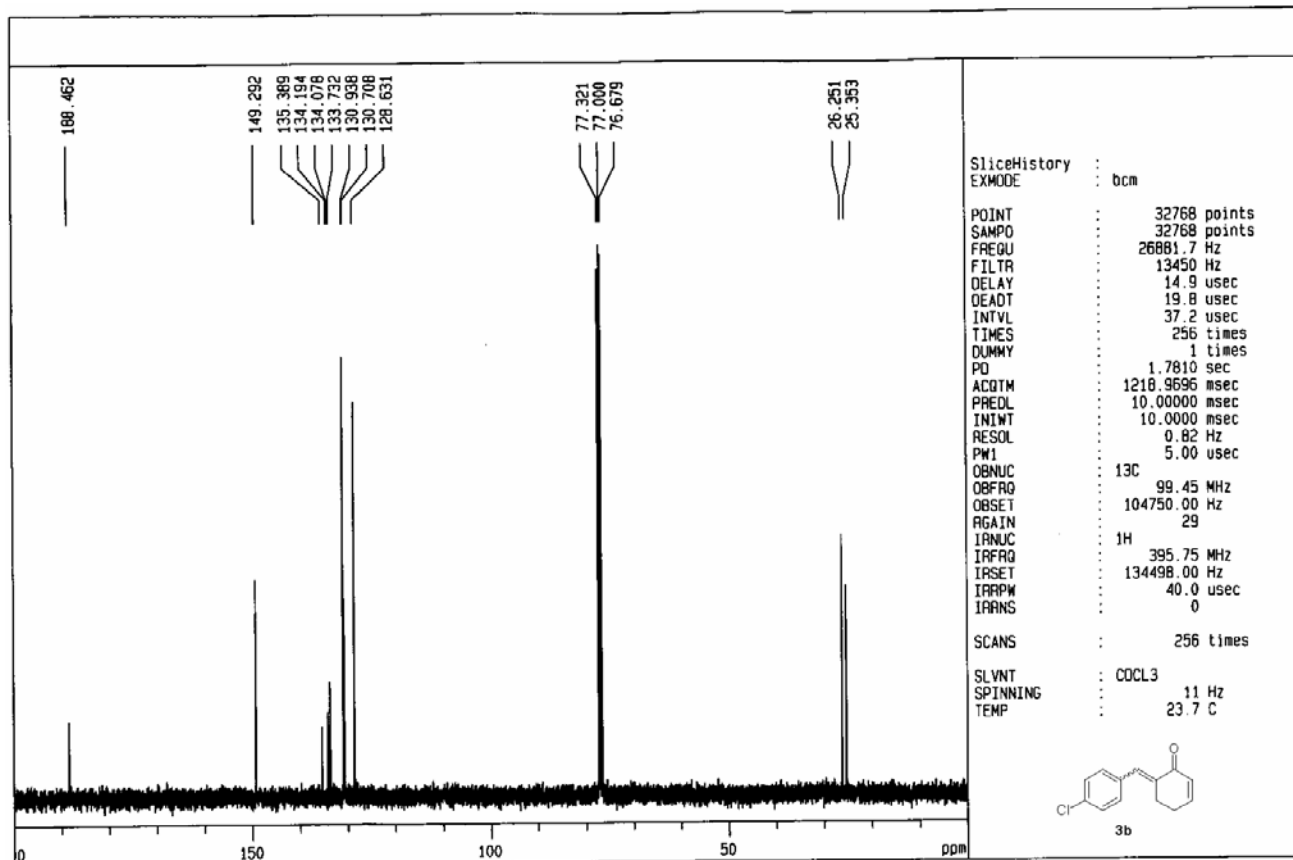
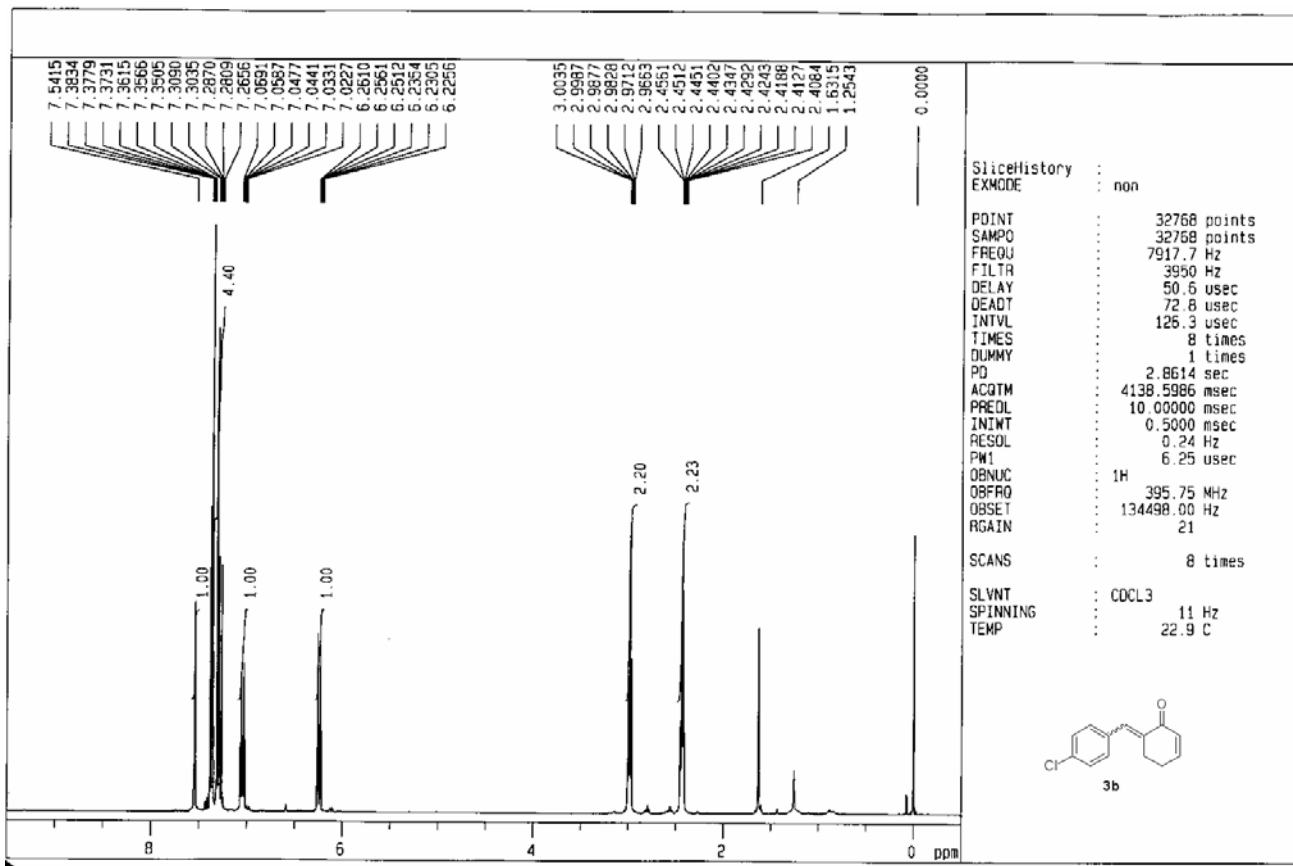


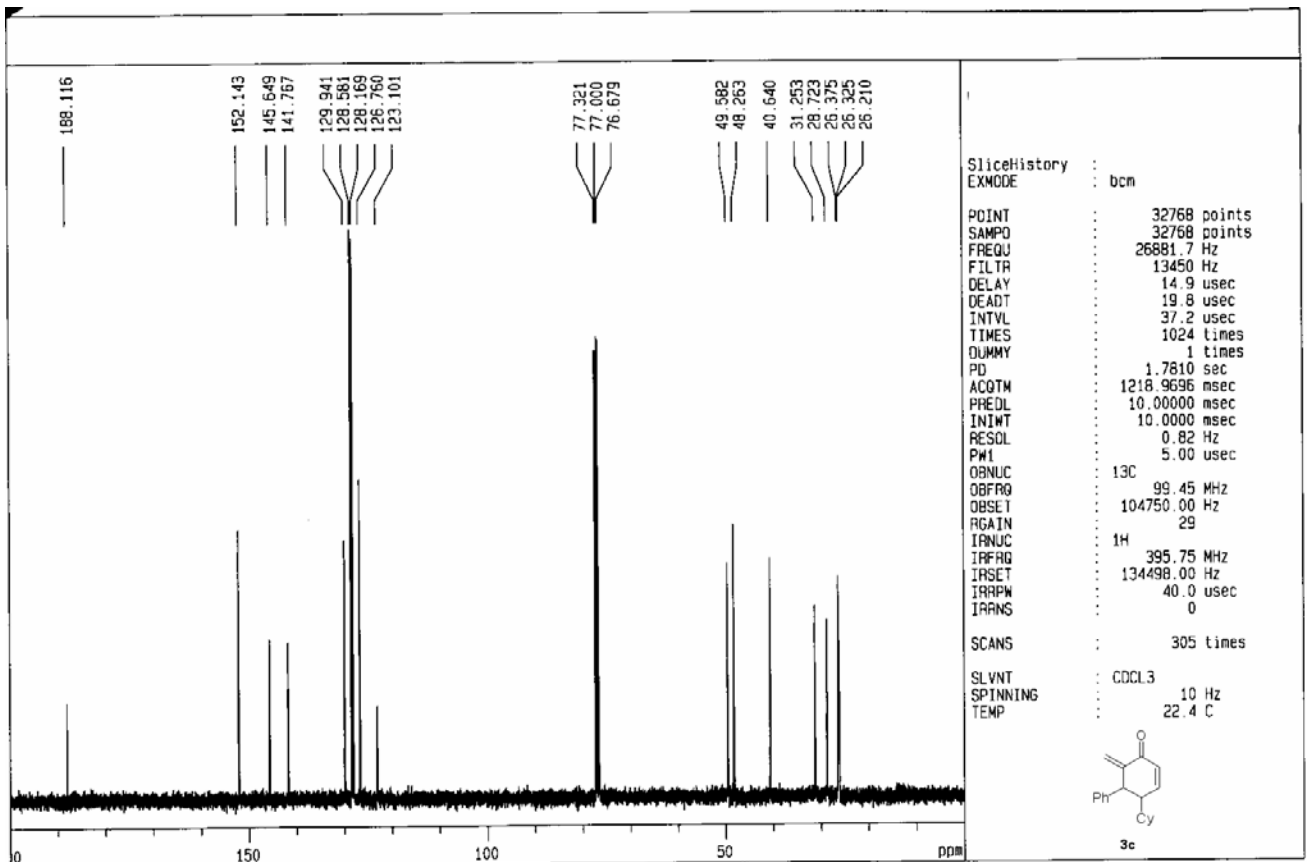
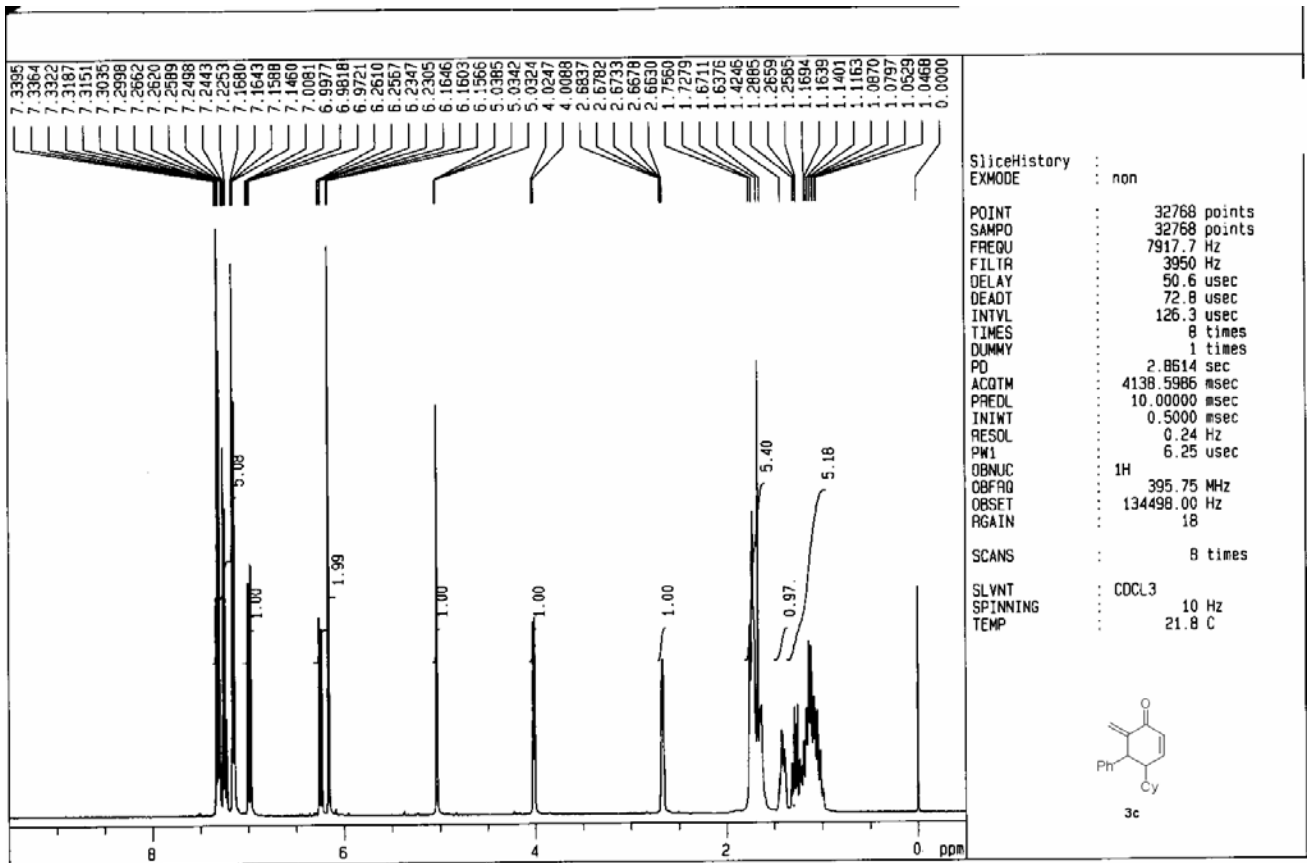


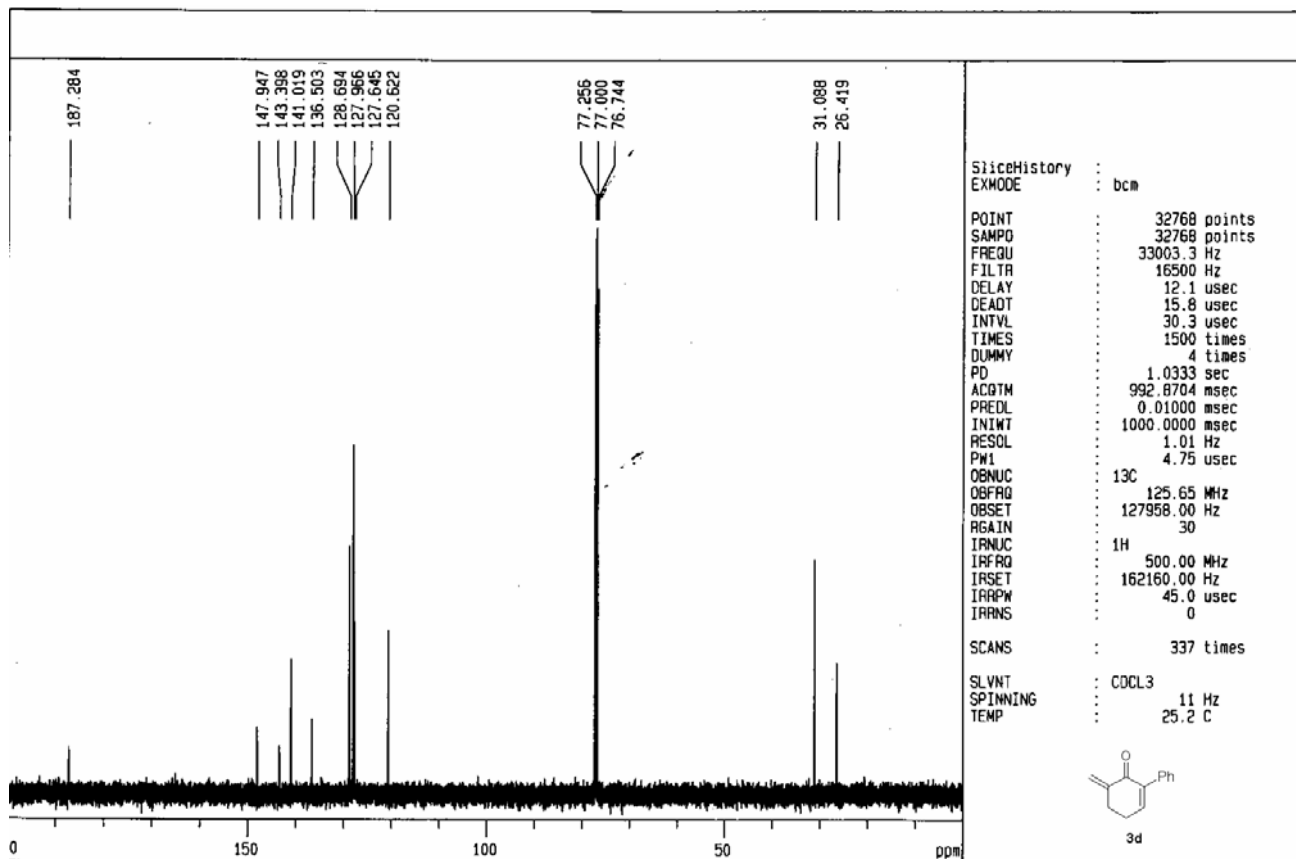
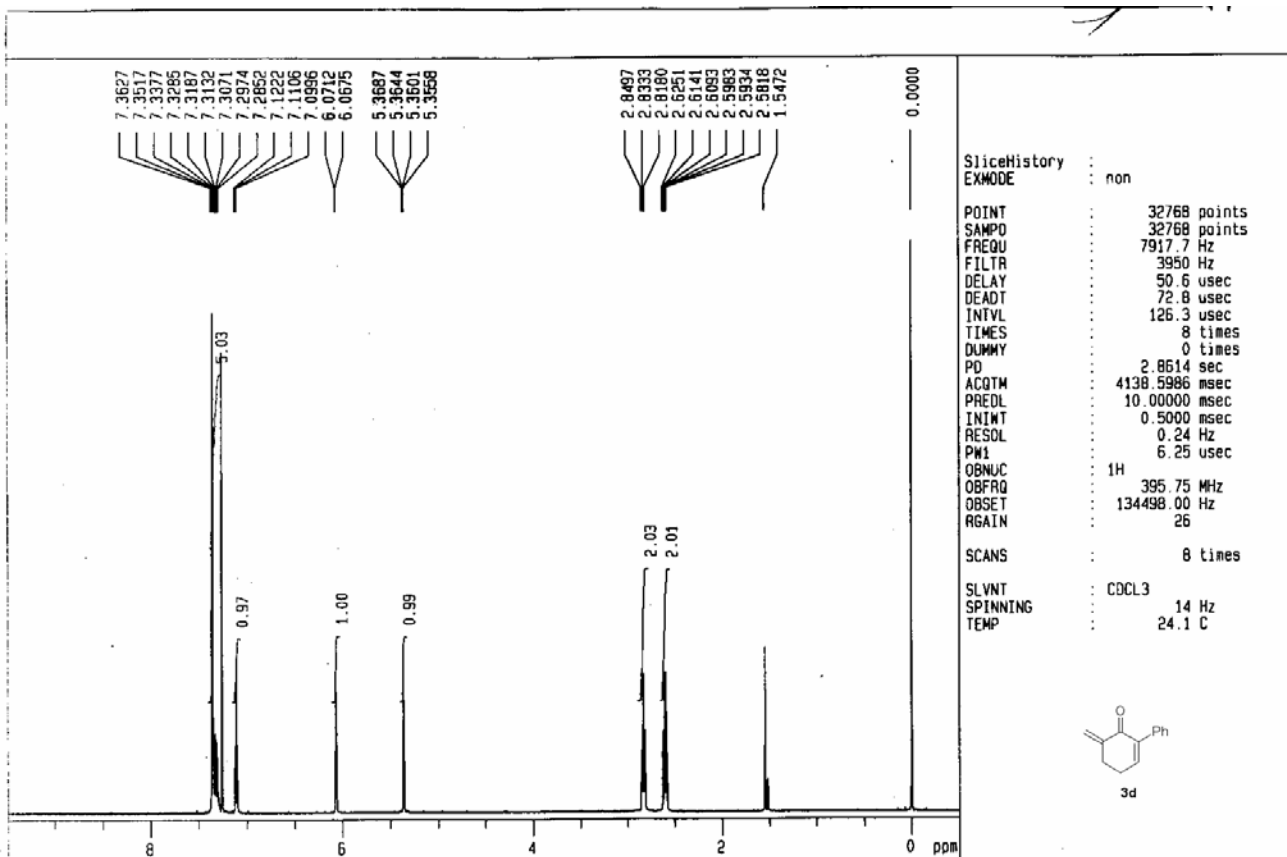


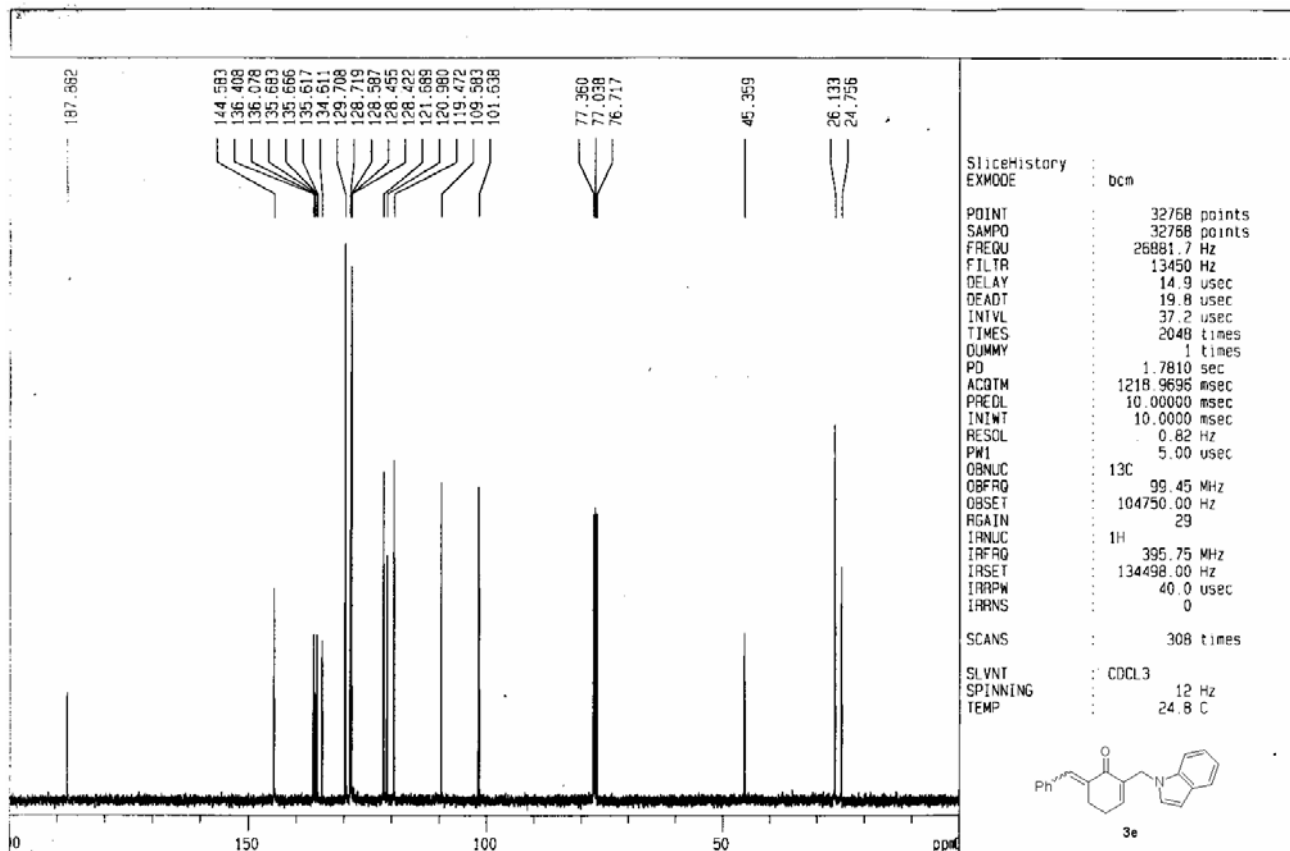
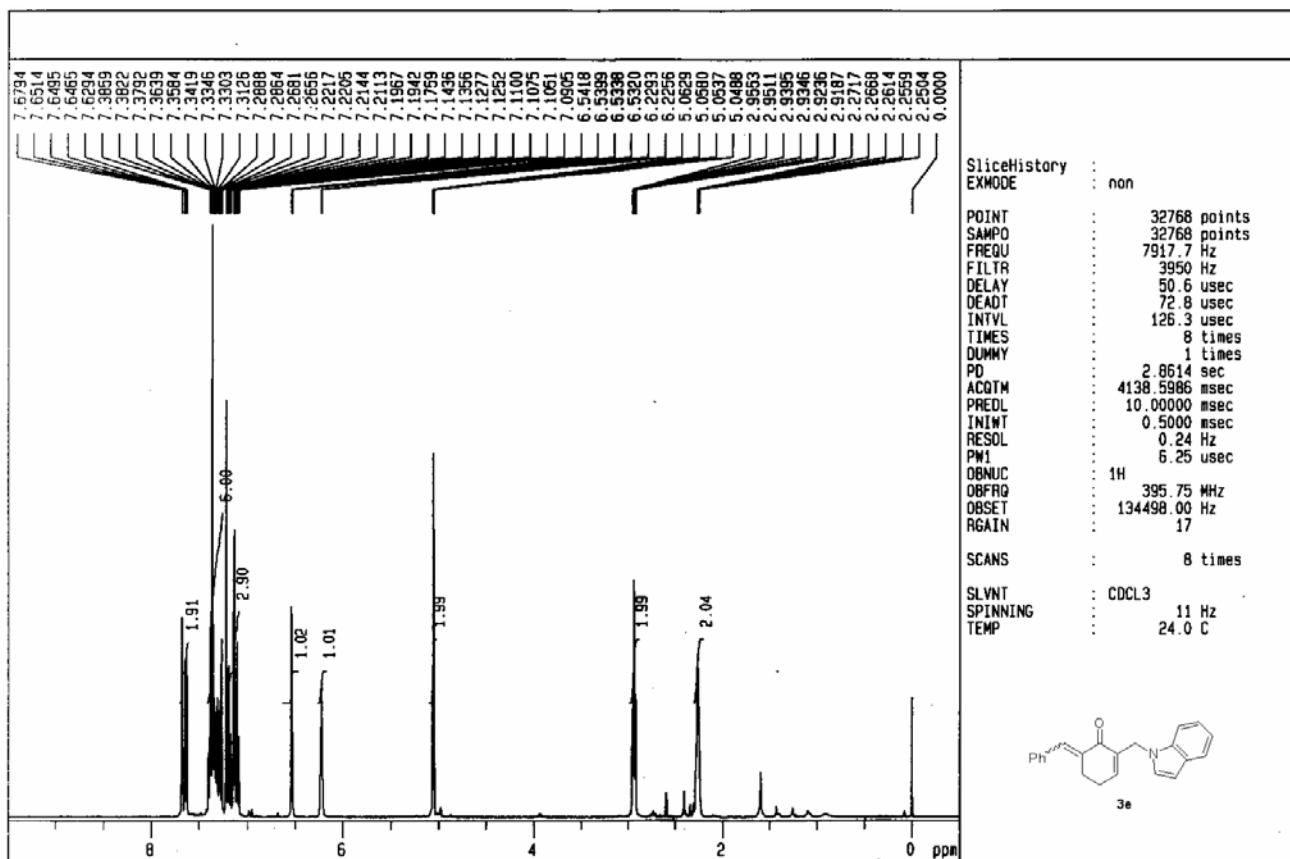


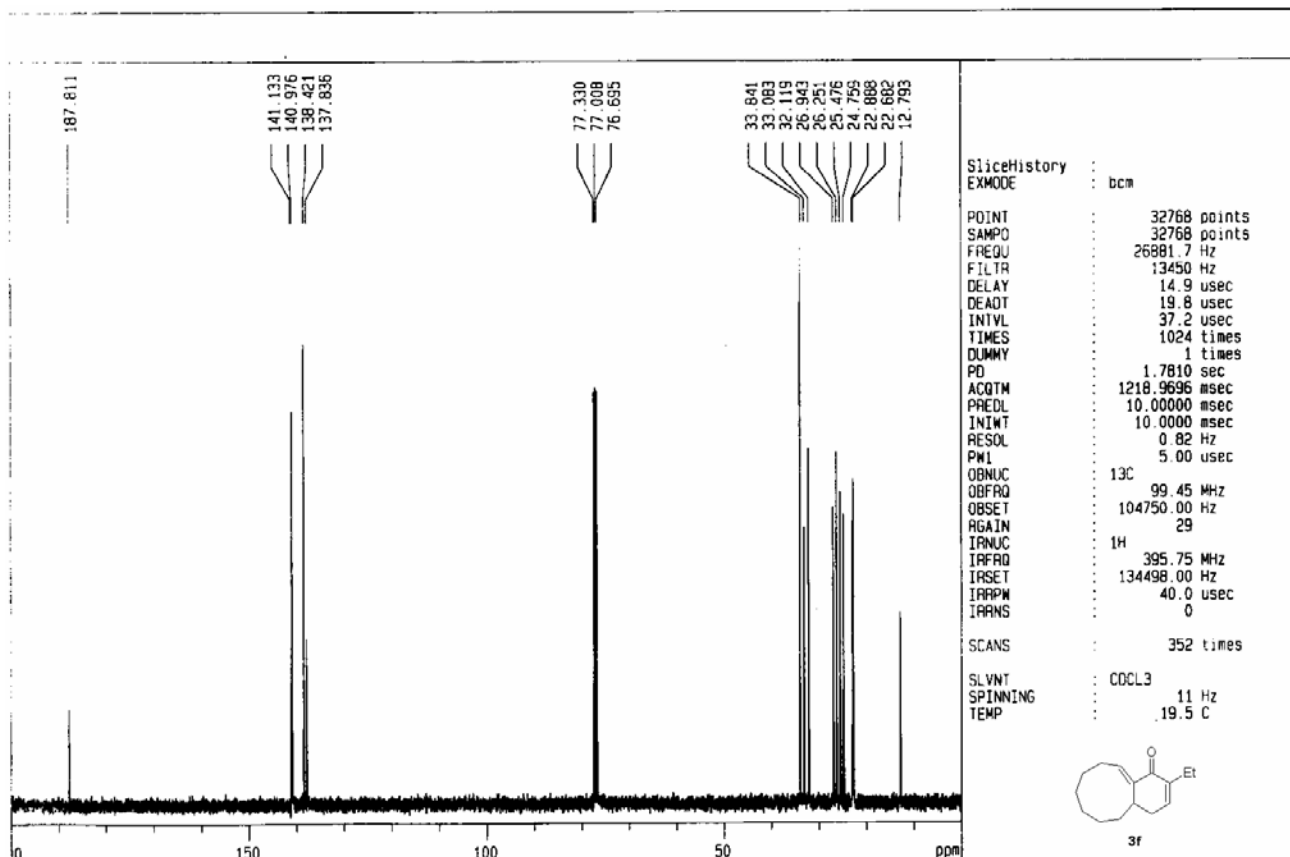
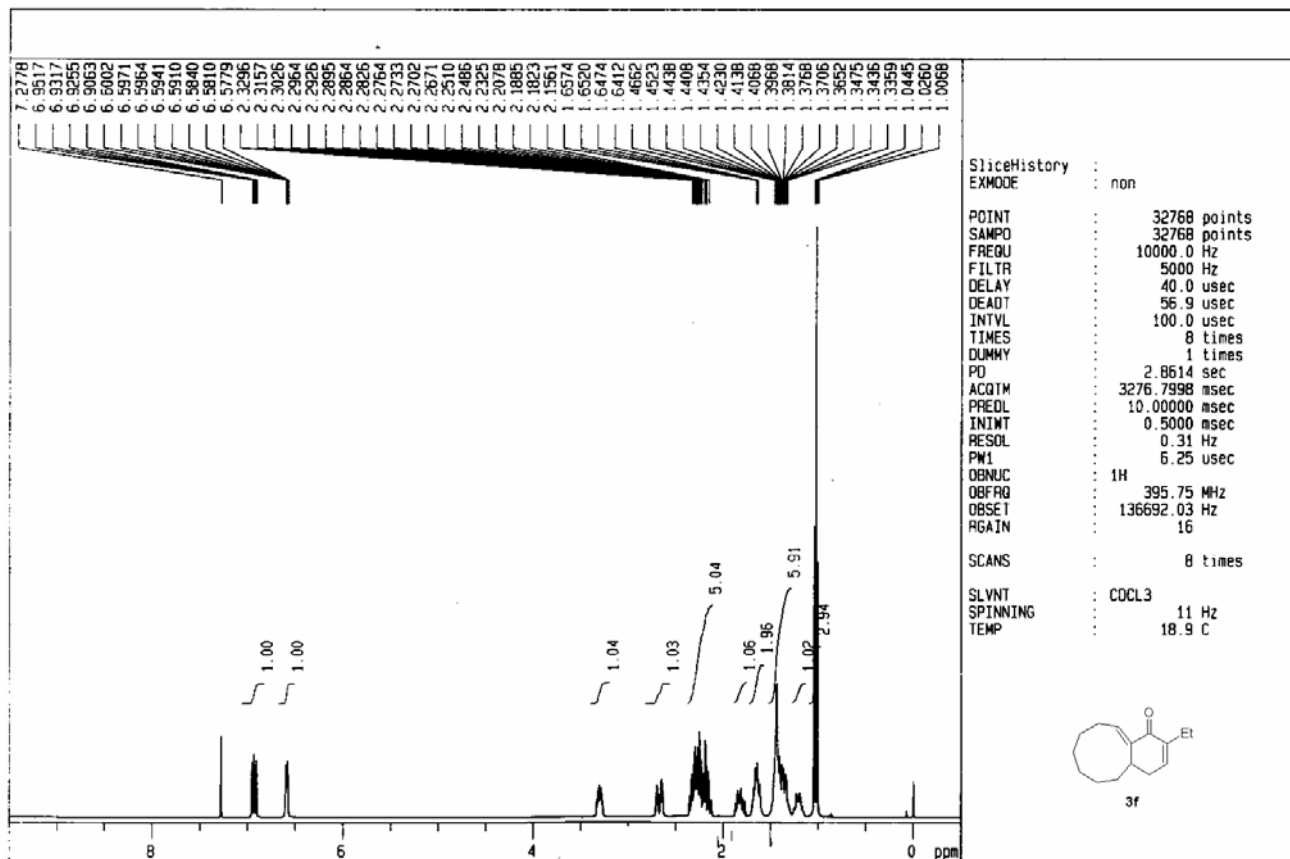


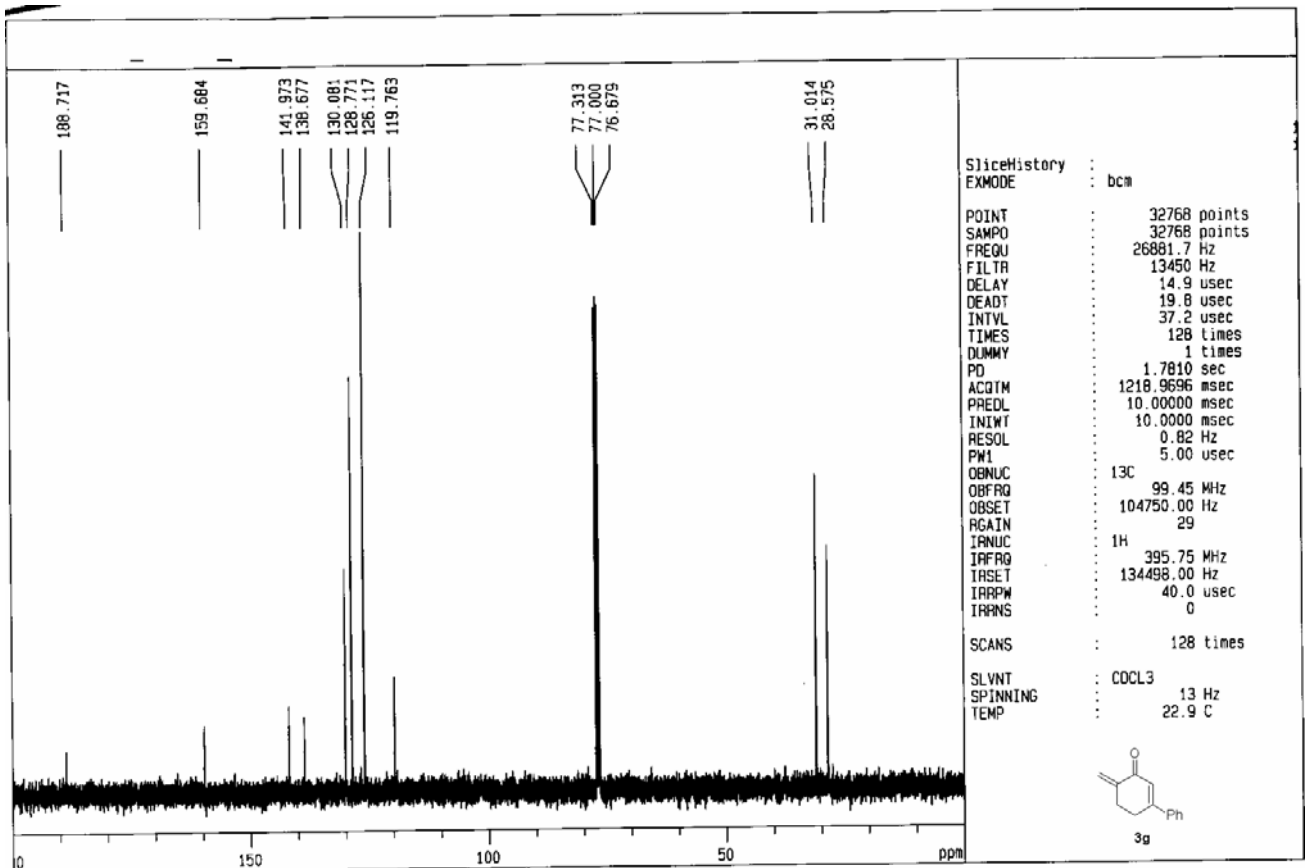
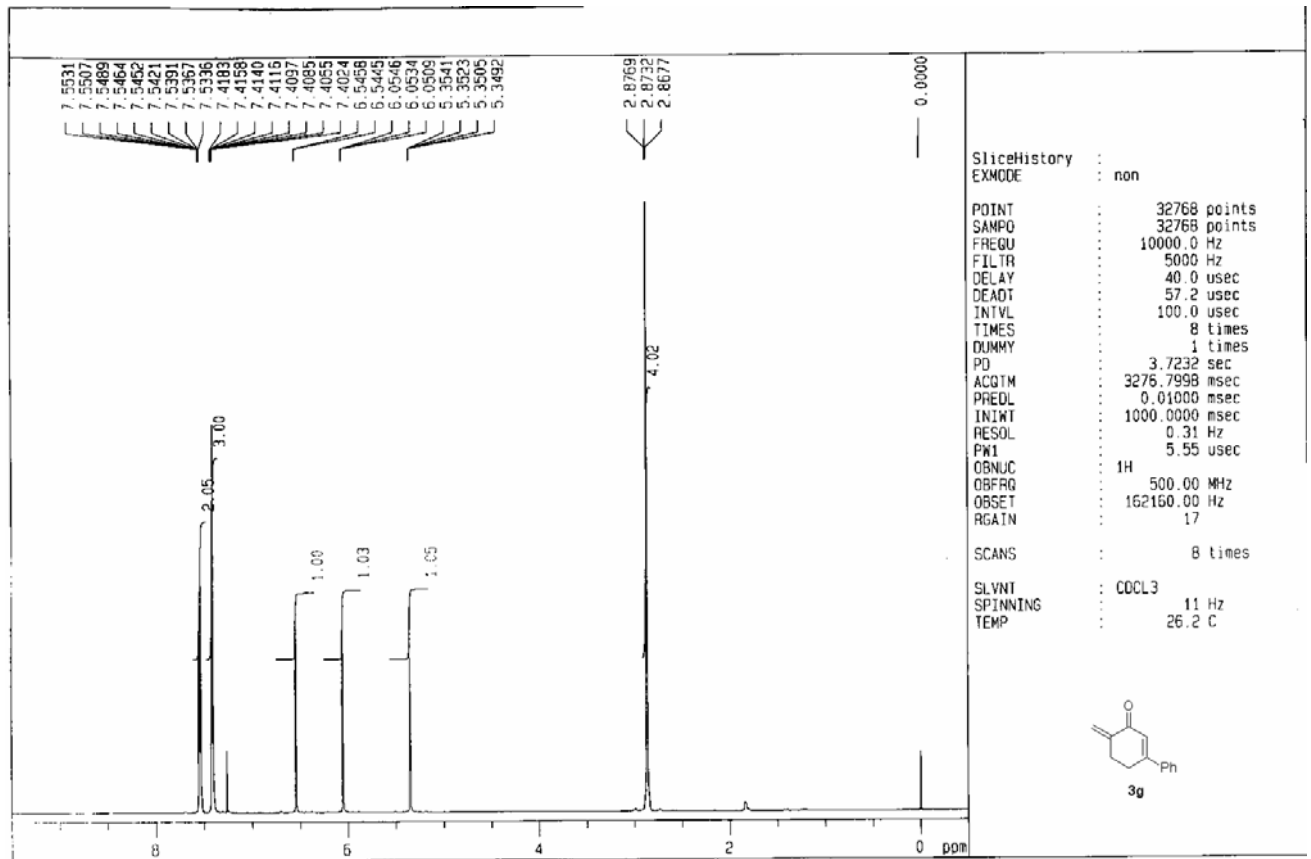


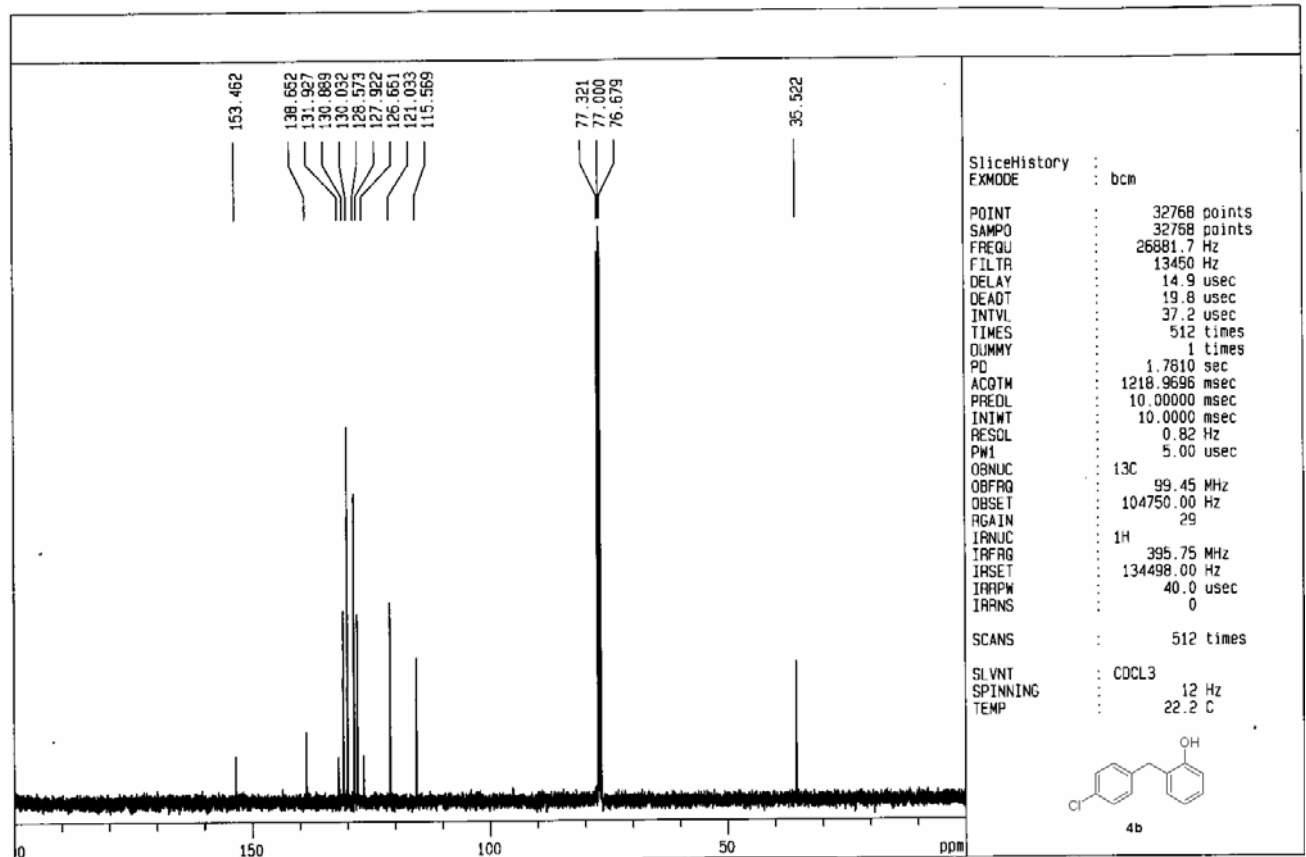
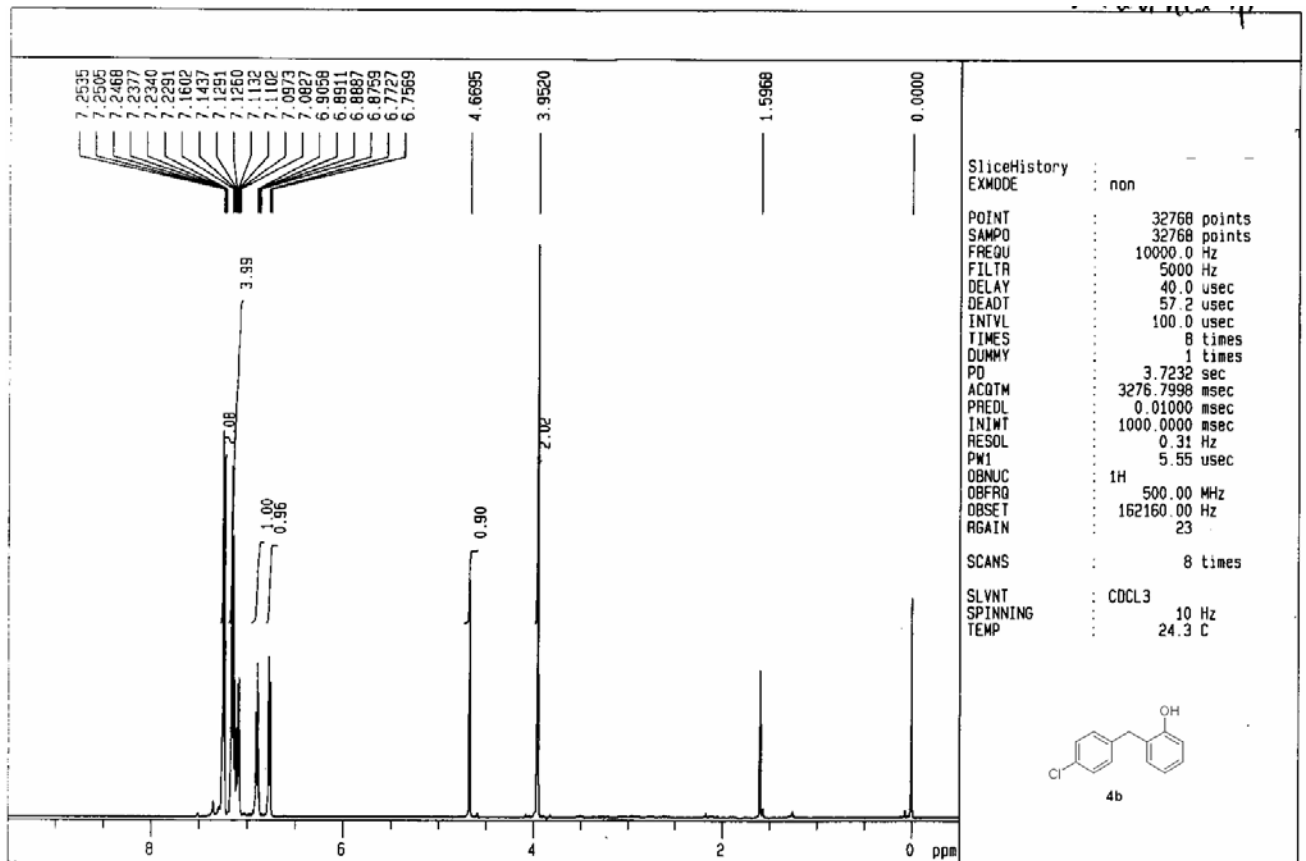


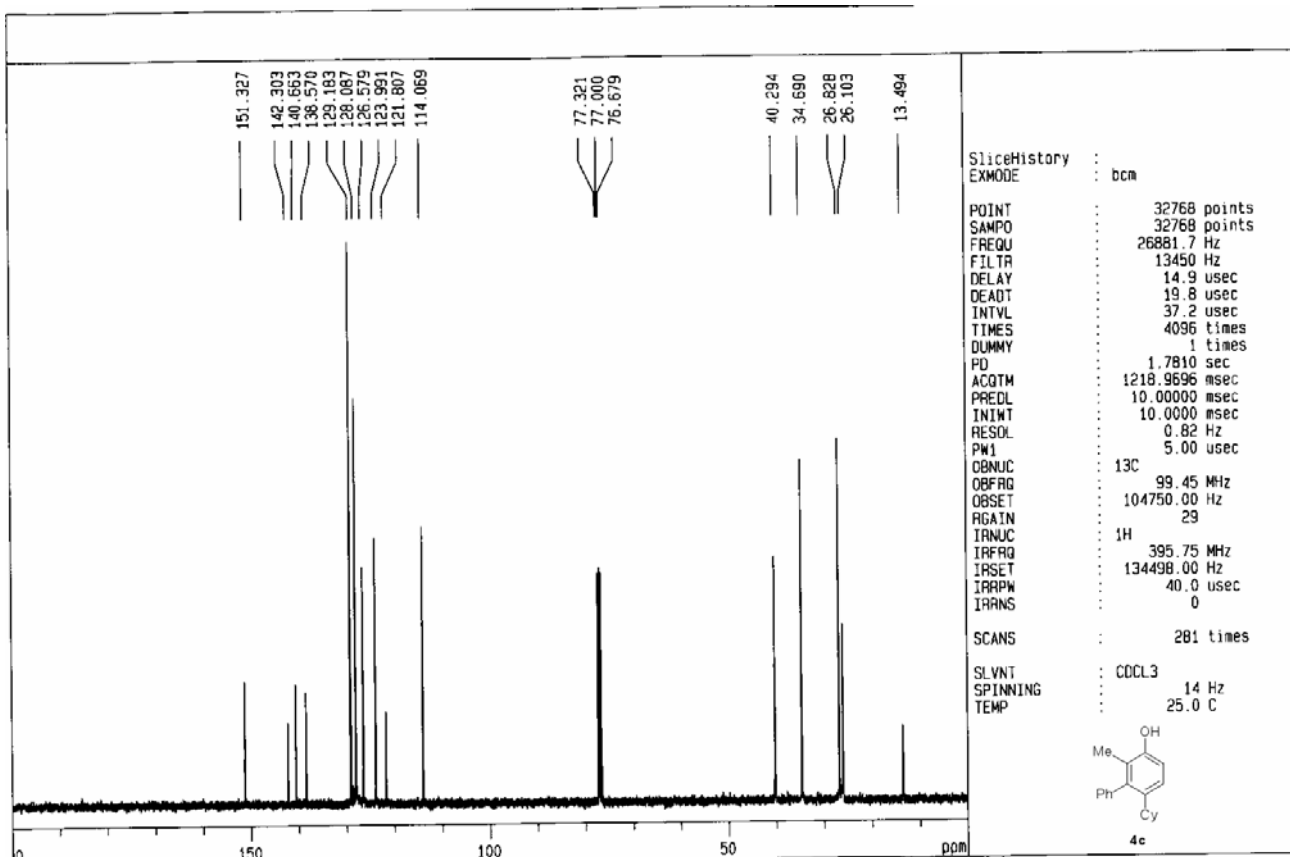
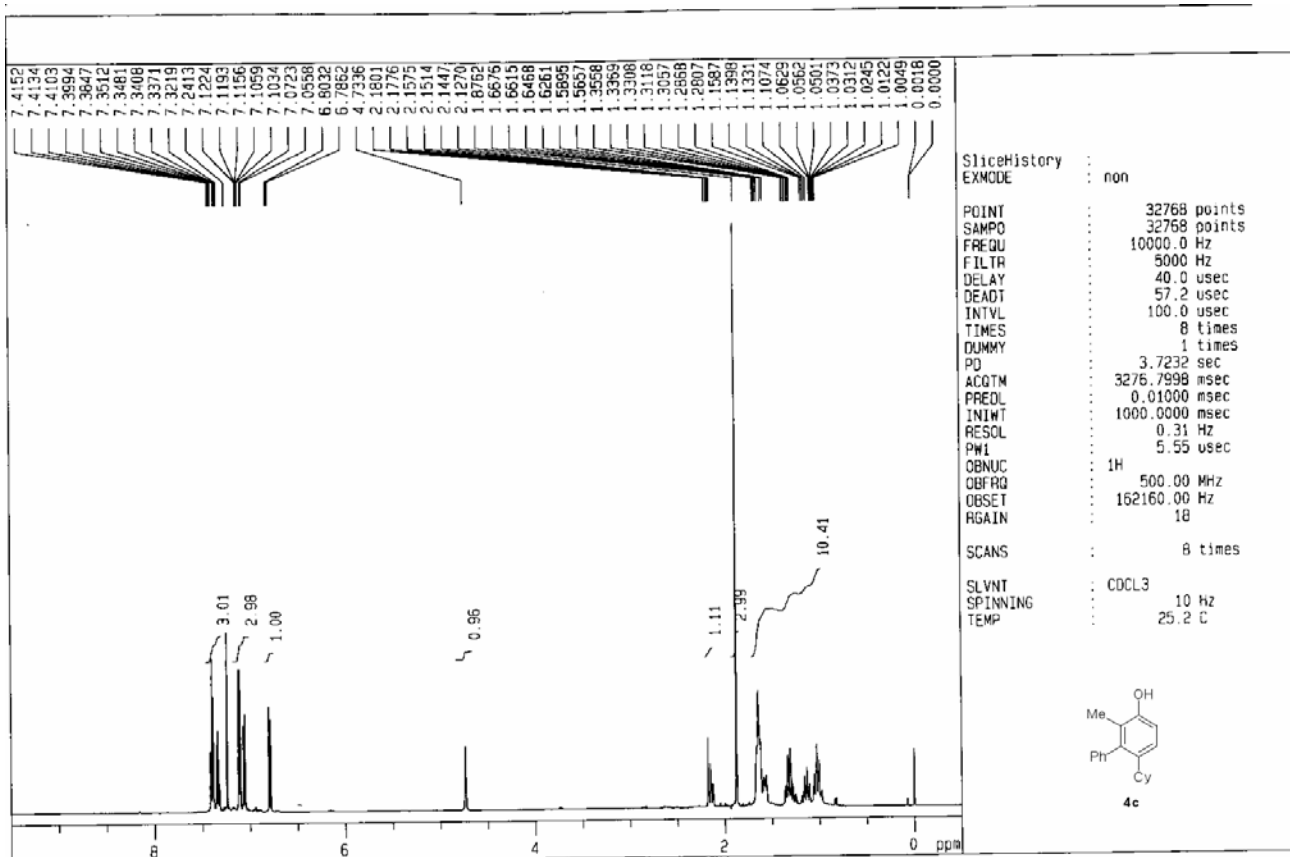


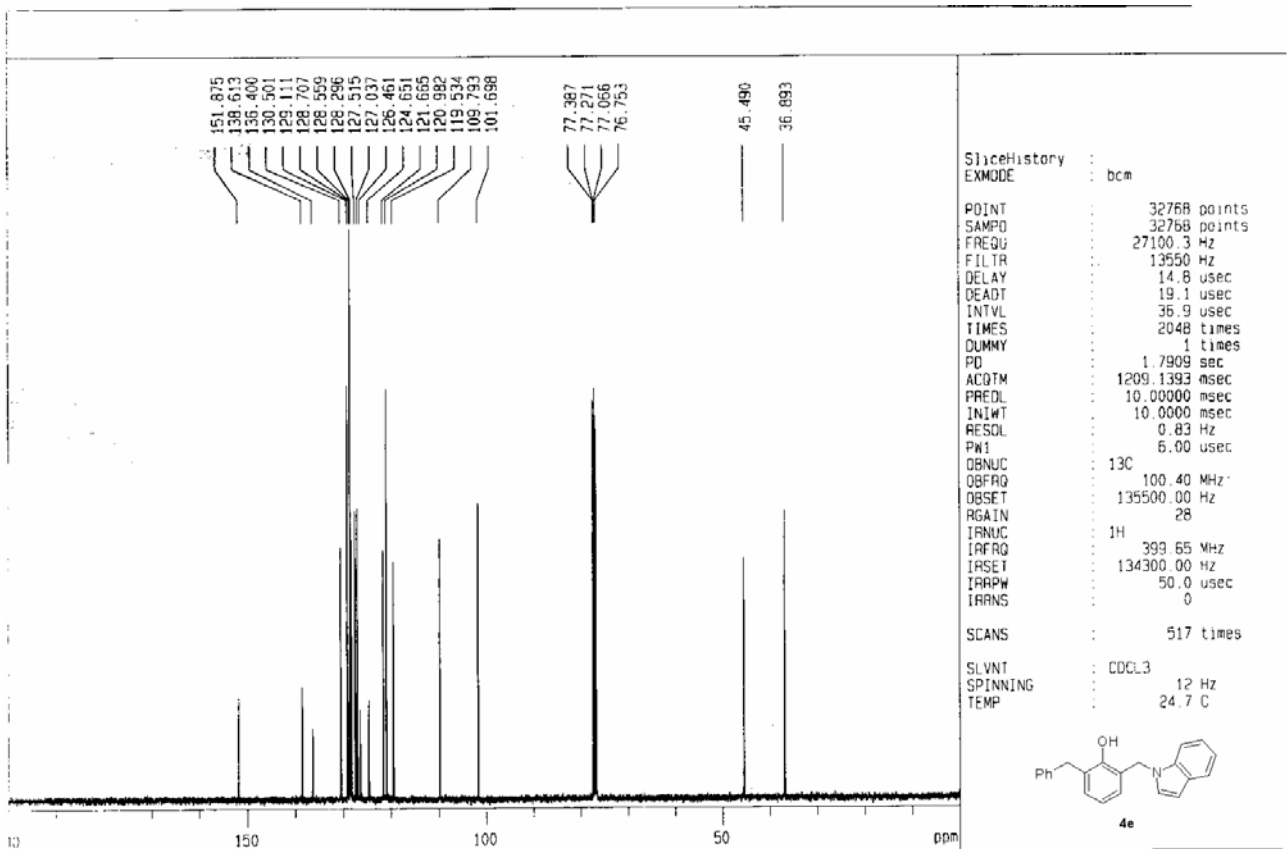
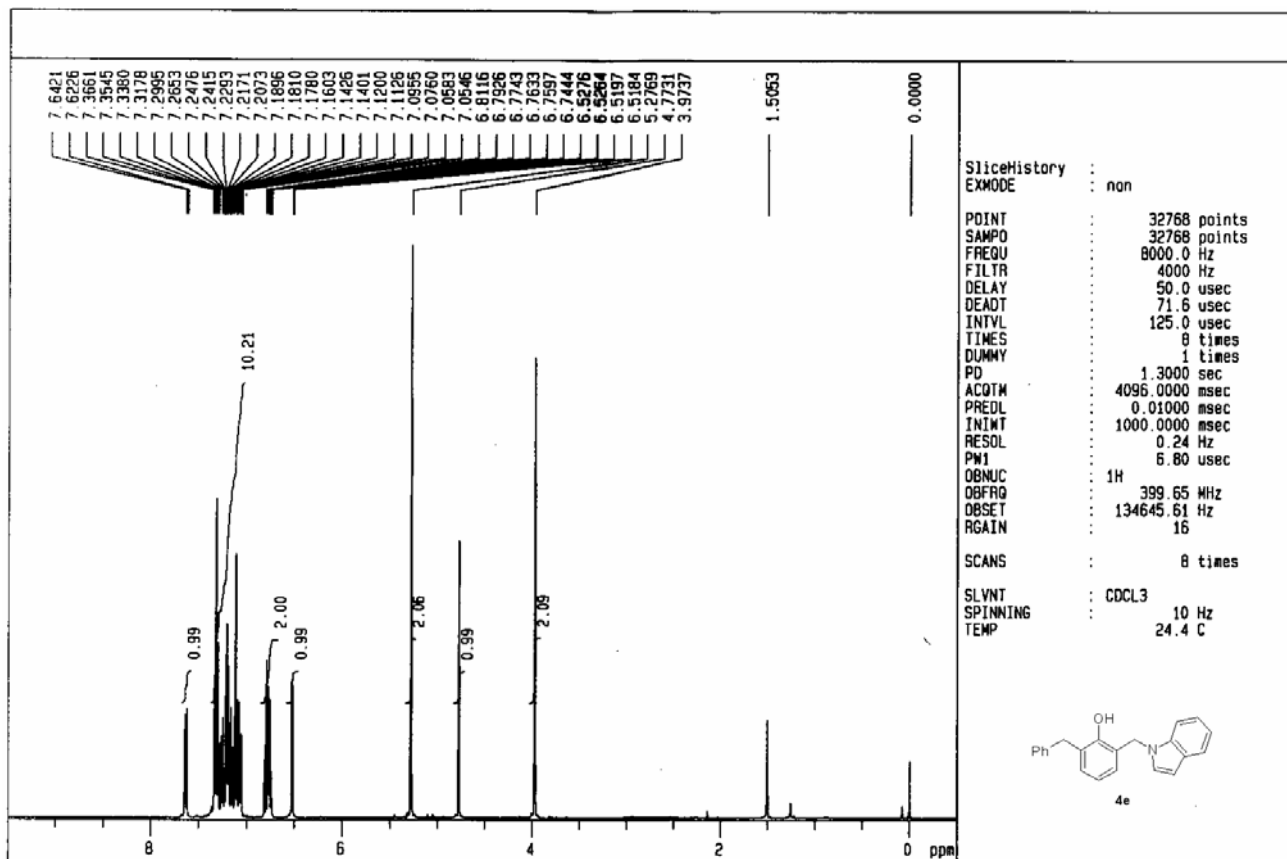


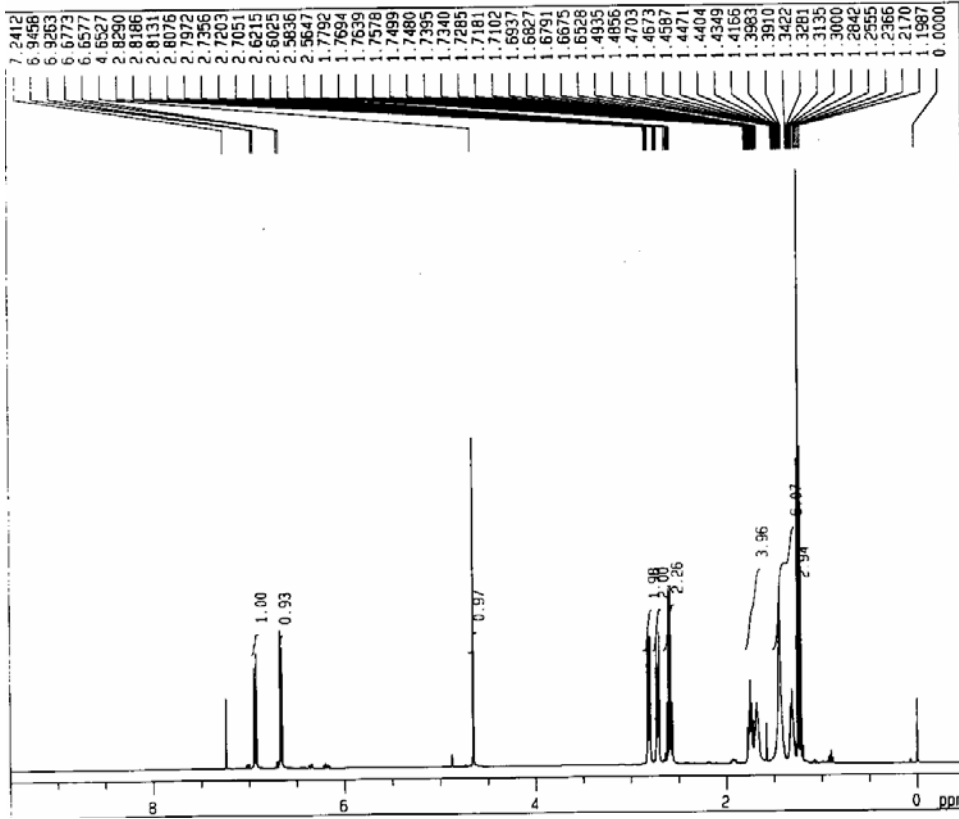










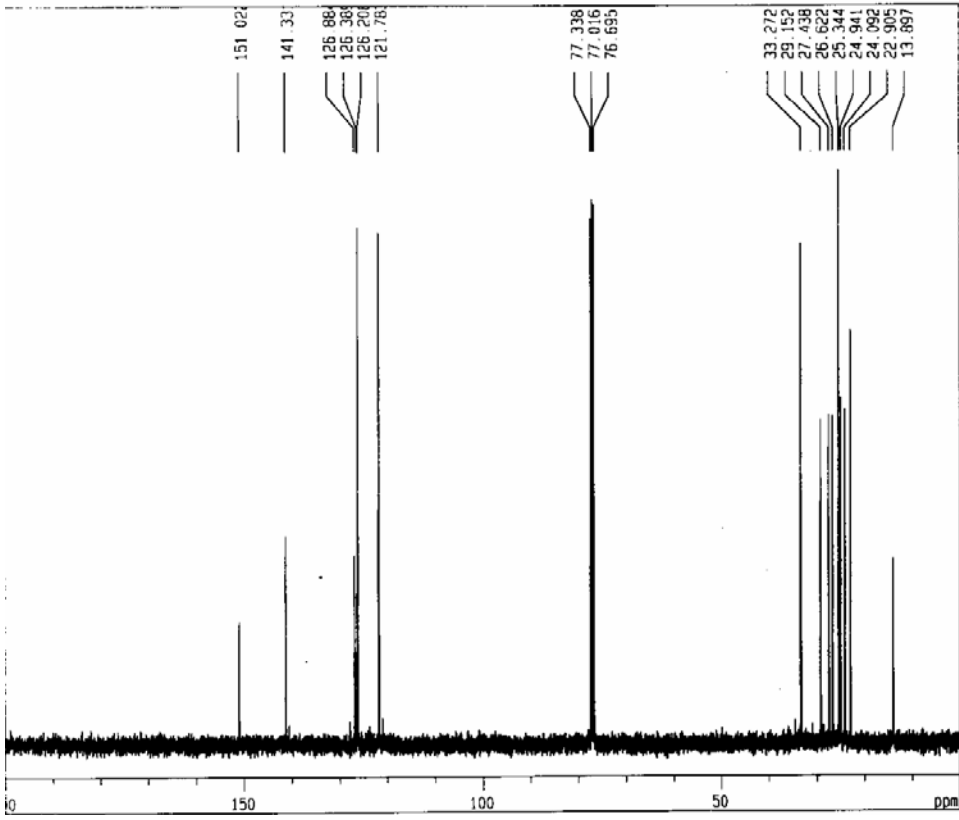
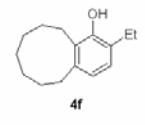


SliceHistory :
EXMODE : non

POINT : 32768 points
SAMPD : 32768 points
FREQU : 7917.7 Hz
FILTR : 3950 Hz
DELAY : 50.6 usec
DEADT : 72.8 usec
INTVL : 126.3 usec
TIMES : 8 times
DUMMY : 1 times
PD : 2.8614 sec
ACQTM : 4138.5986 msec
PREDL : 10.00000 msec
INIWT : 0.5000 msec
RESOL : 0.24 Hz
PWI : 6.25 usec
OBNUC : 1H
OBFRQ : 395.75 MHz
OBSET : 134498.00 Hz
RGAIN : 16

SCANS : 8 times

SLVNT : CDCL3
SPINNING : 13 Hz
TEMP : 19.8 C

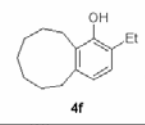


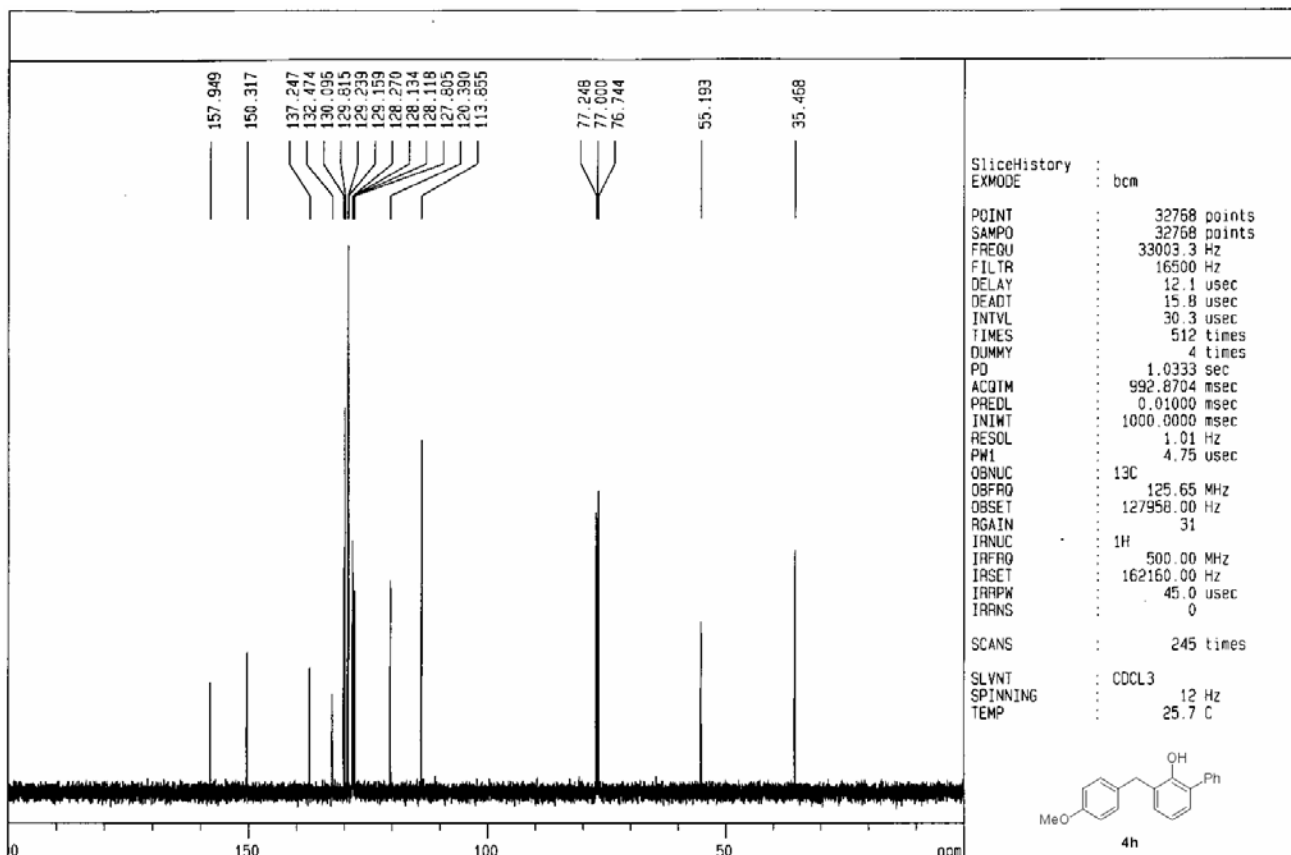
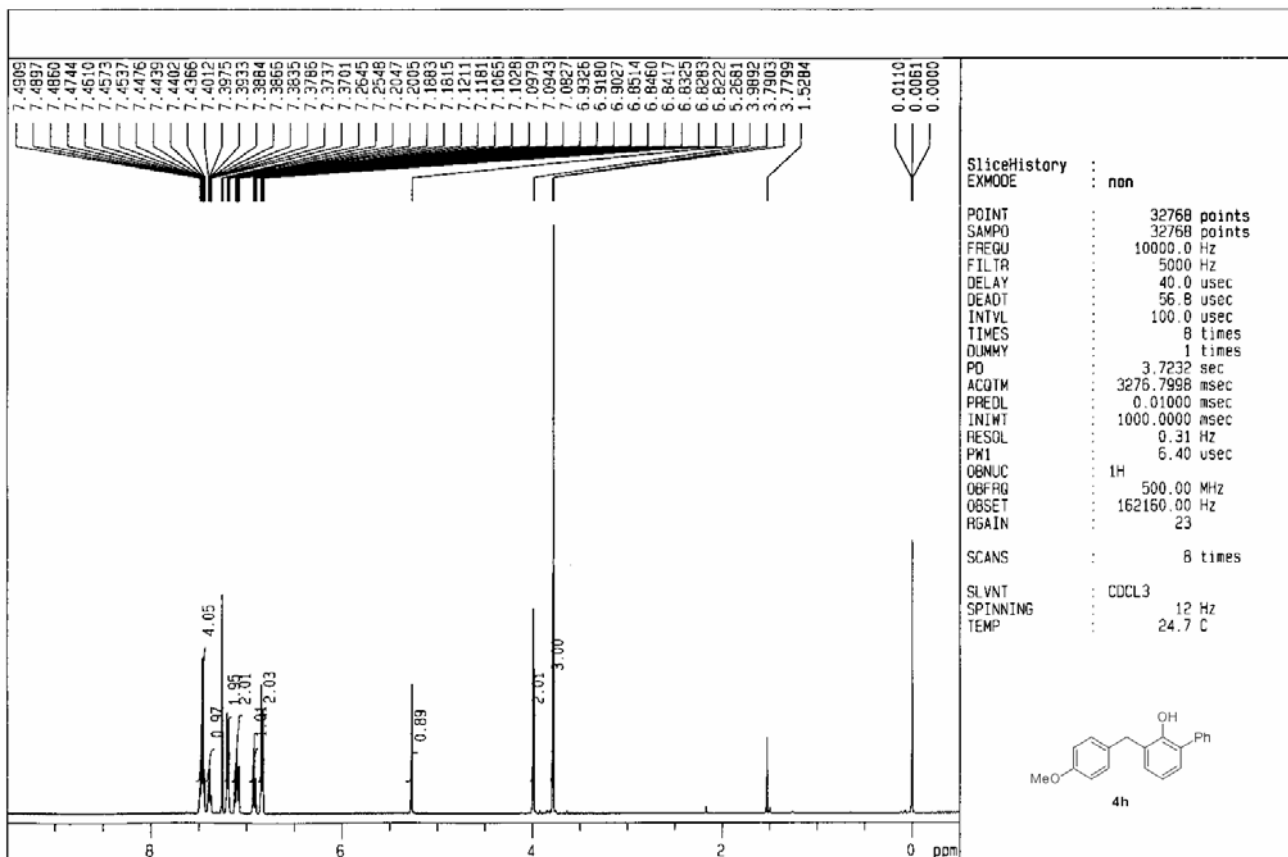
SliceHistory :
EXMODE : bcm

POINT : 32768 points
SAMPD : 32768 points
FREQU : 26881.7 Hz
FILTR : 13450 Hz
DELAY : 14.9 usec
DEADT : 19.8 usec
INTVL : 37.2 usec
TIMES : 1024 times
DUMMY : 1 times
PD : 1.7610 sec
ACQTM : 1218.9696 msec
PREDL : 10.00000 msec
INIWT : 10.0000 msec
RESOL : 0.82 Hz
PWI : 5.00 usec
OBNUC : 13C
OBFRQ : 99.45 MHz
OBSET : 104750.00 Hz
RGAIN : 29
IRNUC : 1H
IRFRQ : 395.75 MHz
IRSET : 134498.00 Hz
IRPPM : 40.0 usec
IRPNS : 0

SCANS : 268 times

SLVNT : CDCL3
SPINNING : 13 Hz
TEMP : 20.5 C





Known Compounds

