

Supporting Information

for

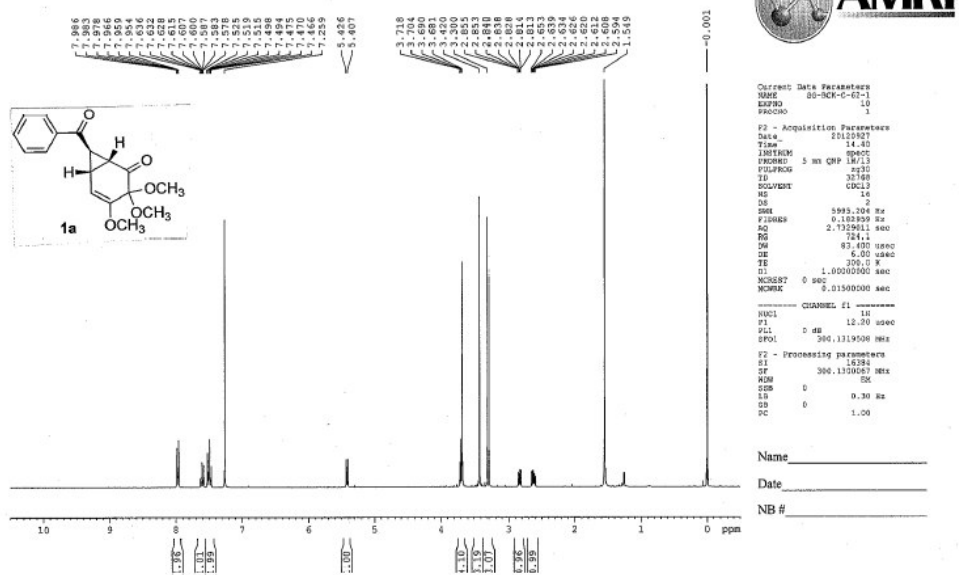
Rapid Entry to Functionally Rich Bicyclo[4.1.0]heptenone Systems.

Santhosh Kumar Chittimalla,* and Chennakesavulu Bandi.

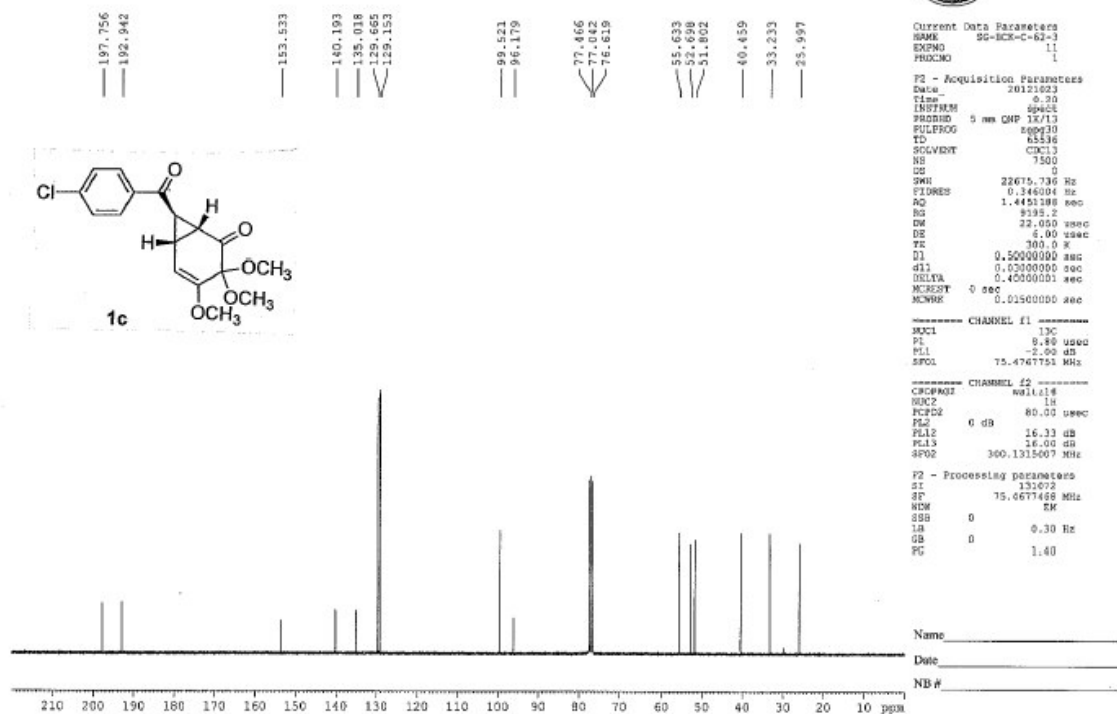
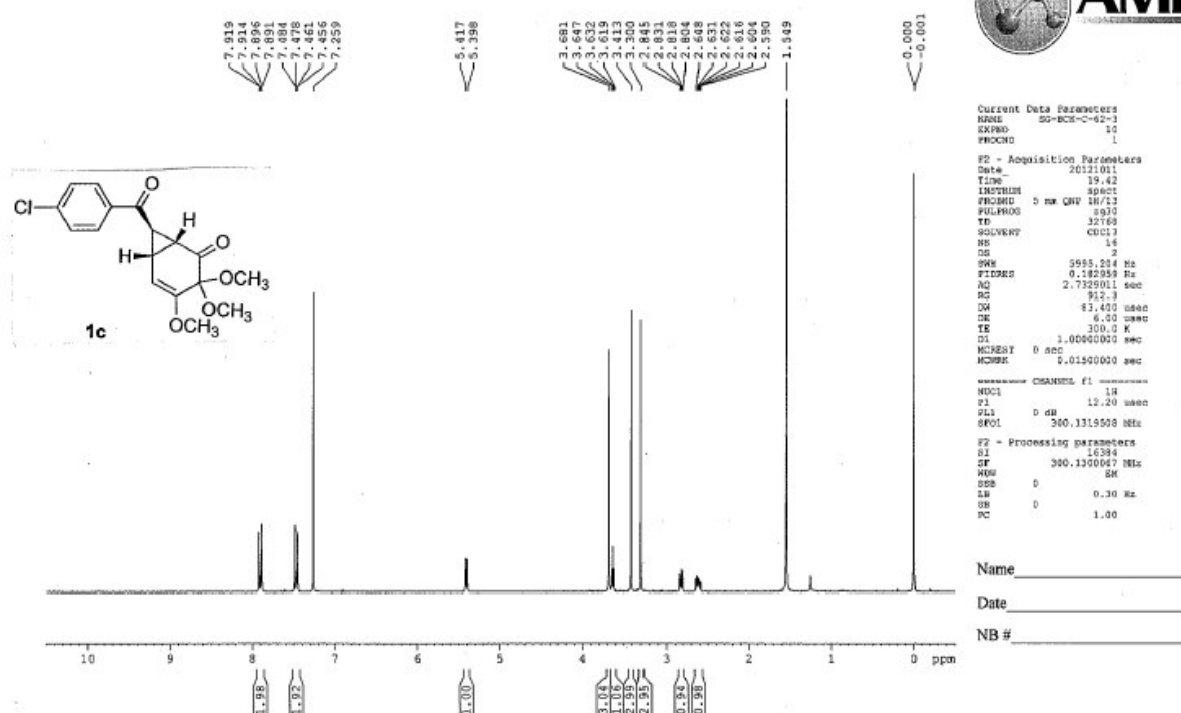
AMRI Singapore Research Centre, 61 Science Park Road, #05-01, Science Park III, Singapore 117525, Singapore.

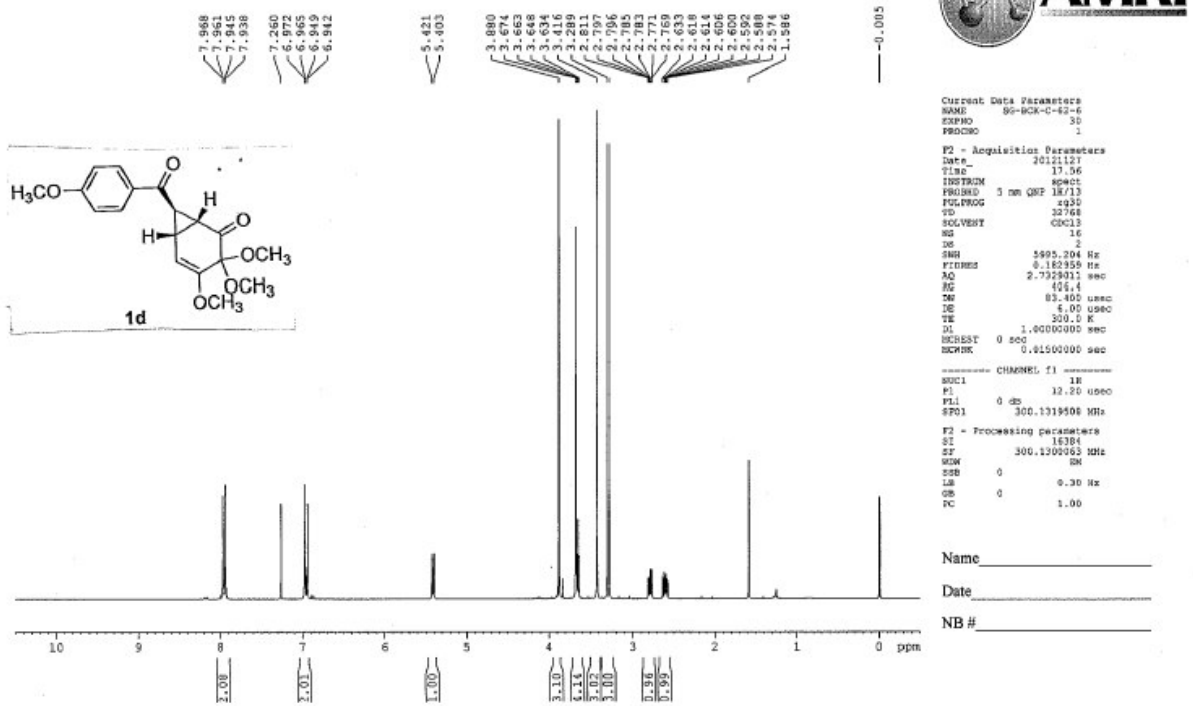
Fax: +65 - 6398 5511.

E-mail: santhosh.chittimalla@amriglobal.com.

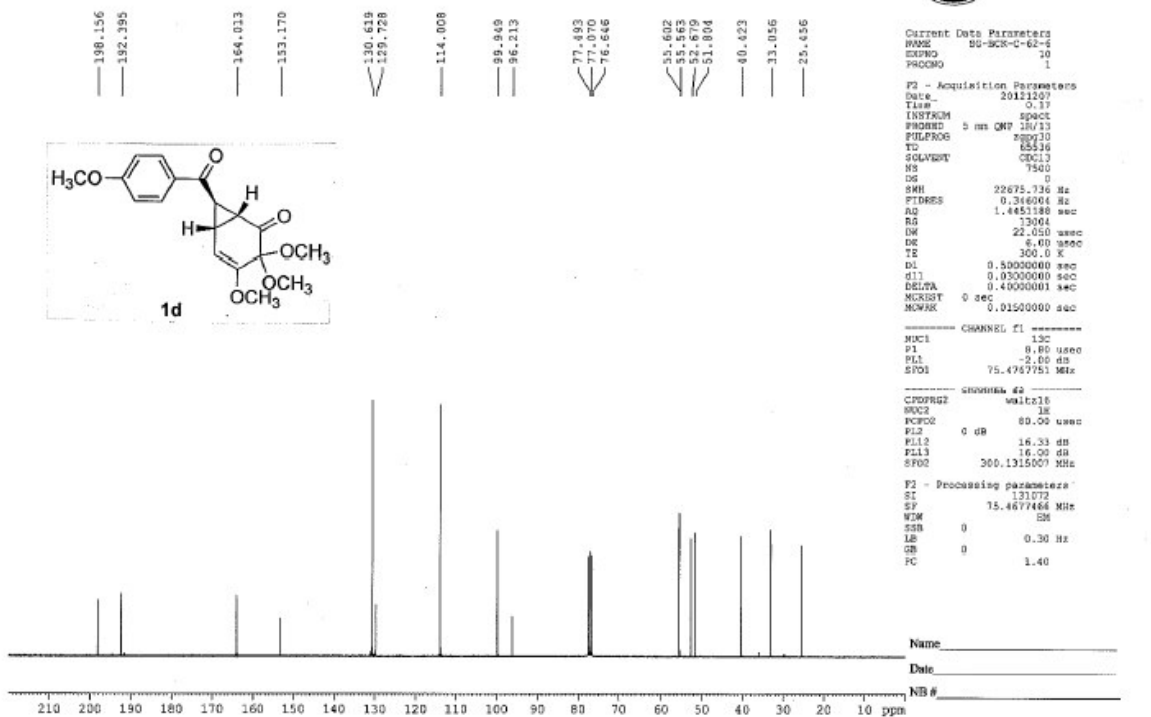


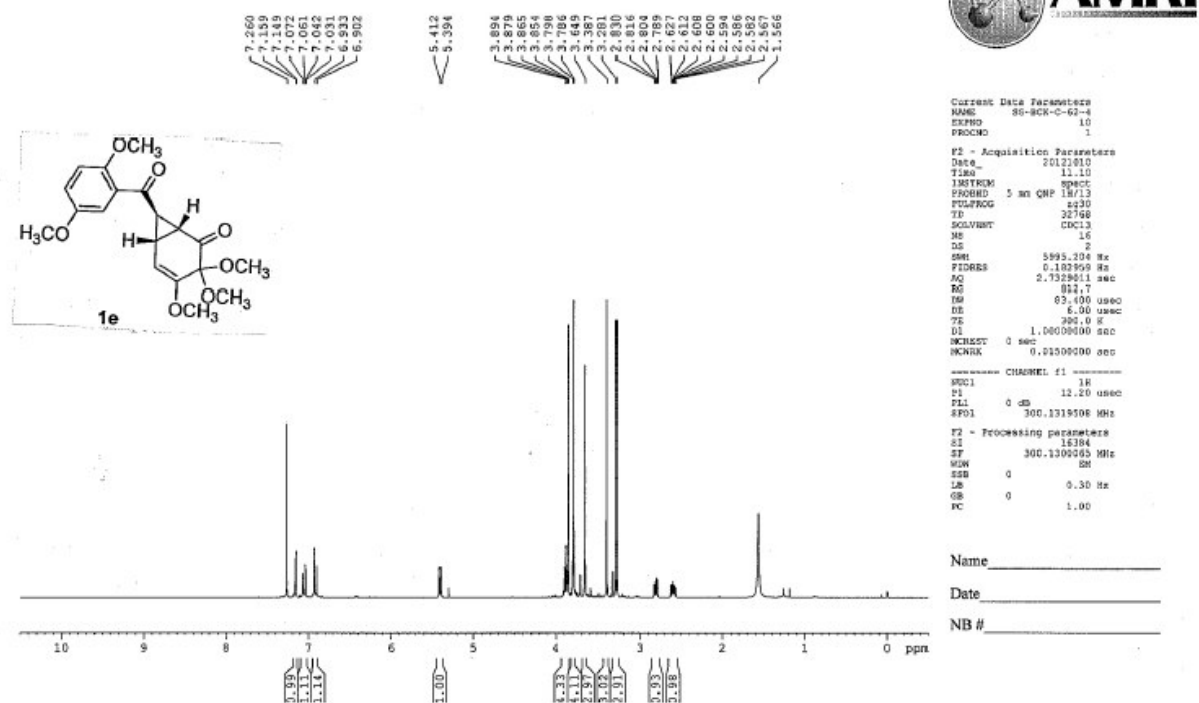




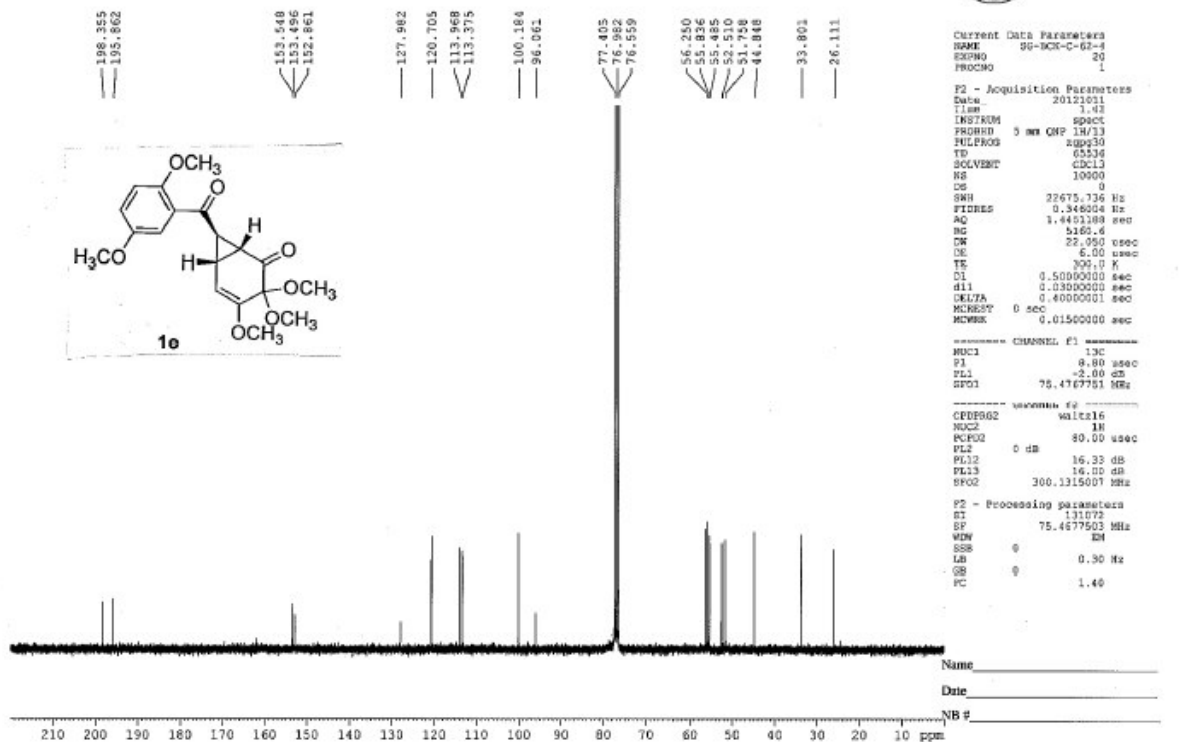


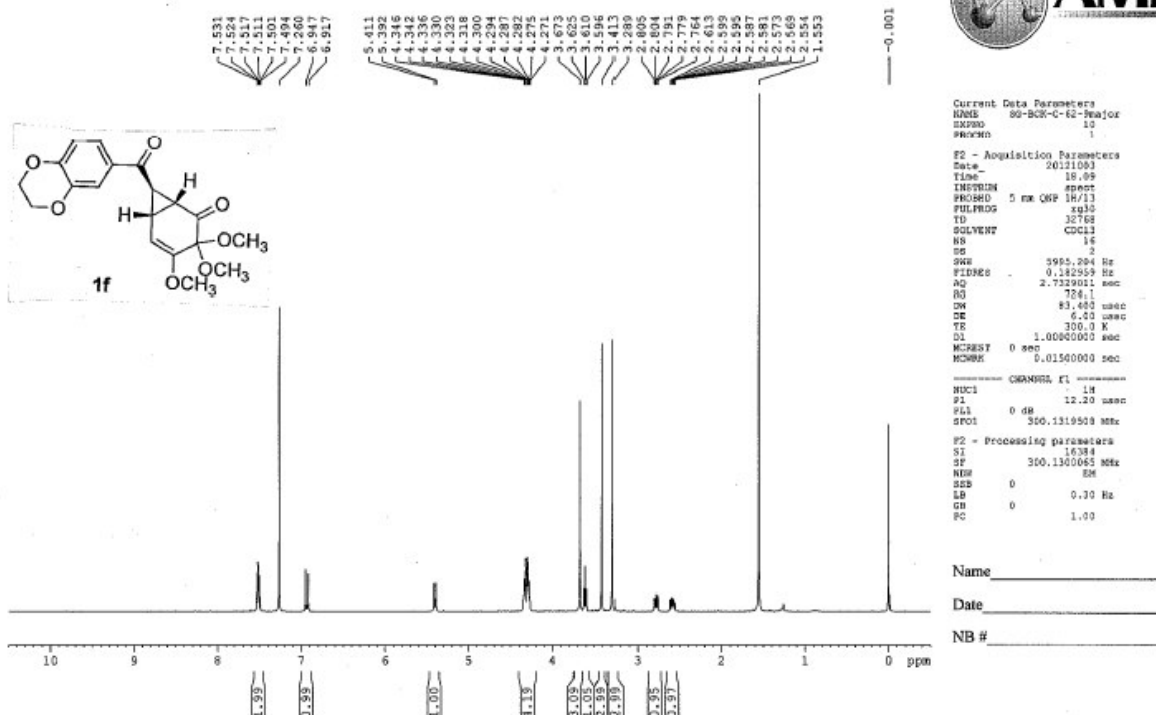
AMRI; SRC
location; 15



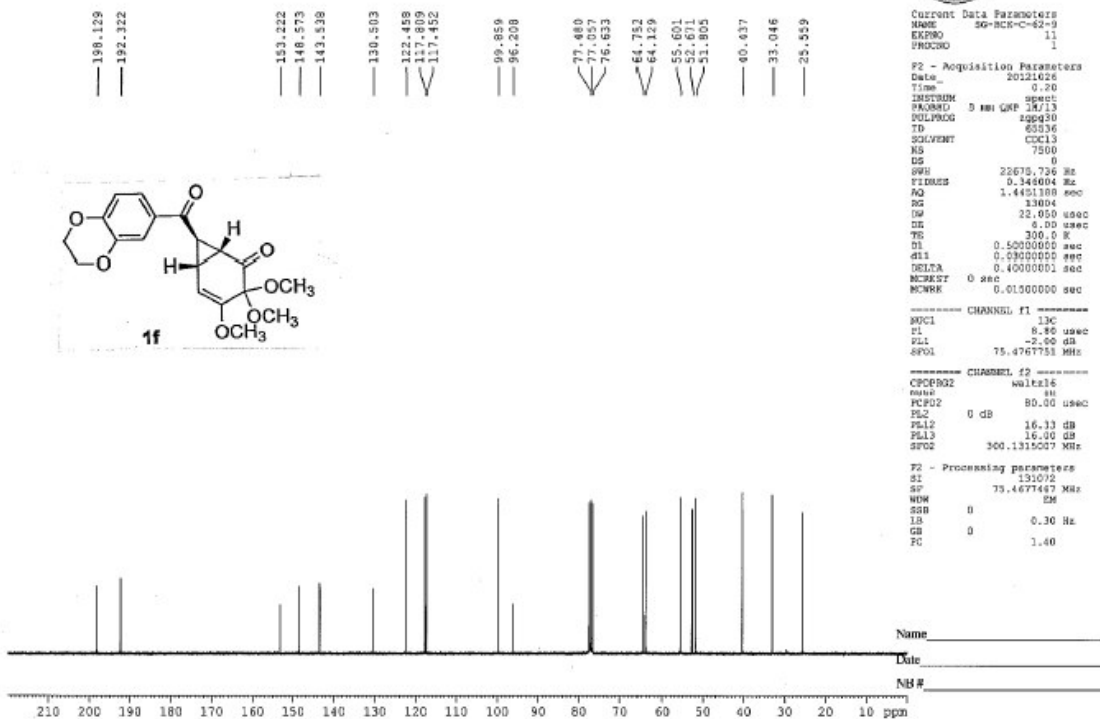


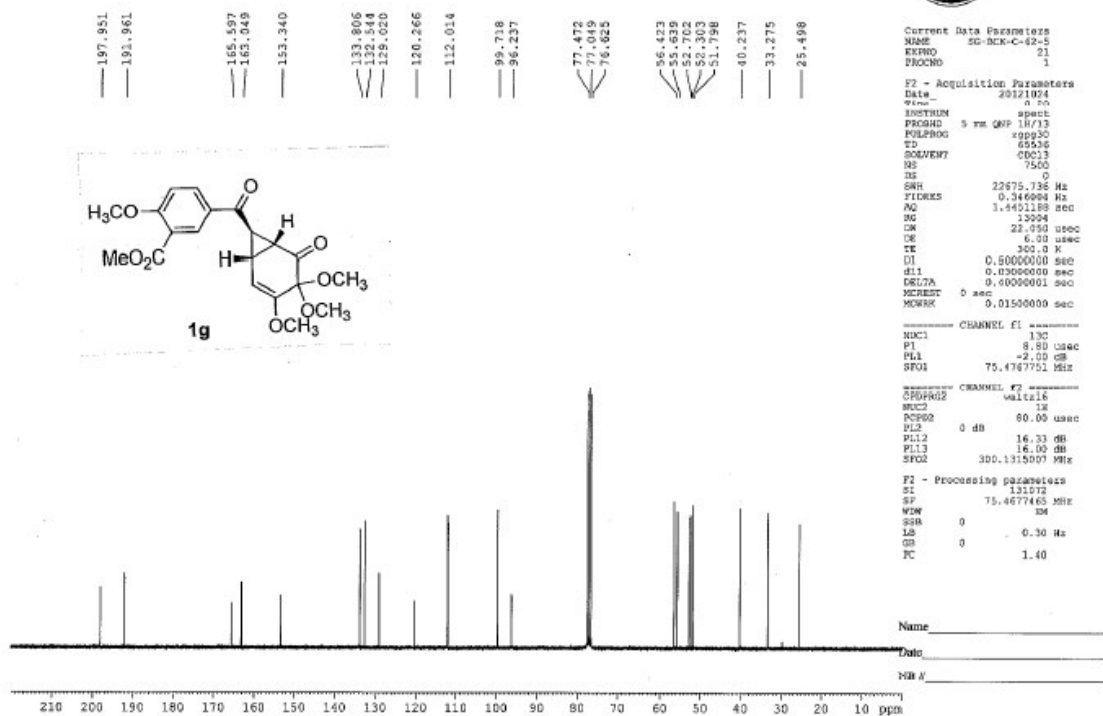
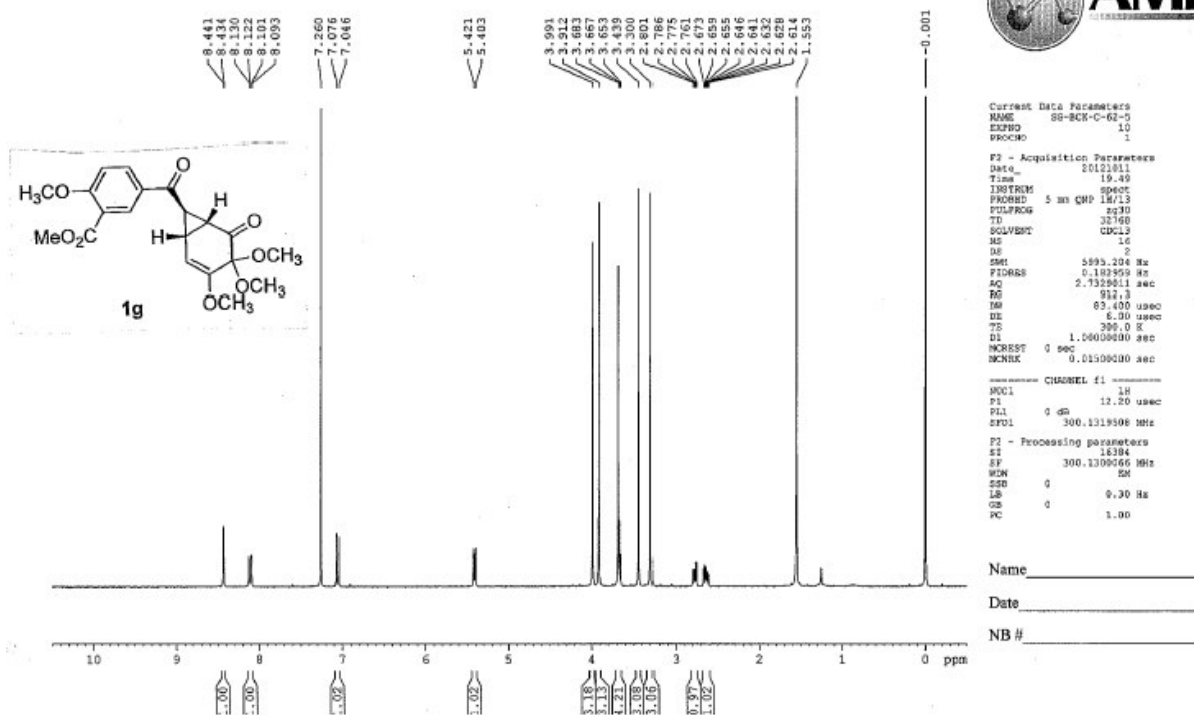
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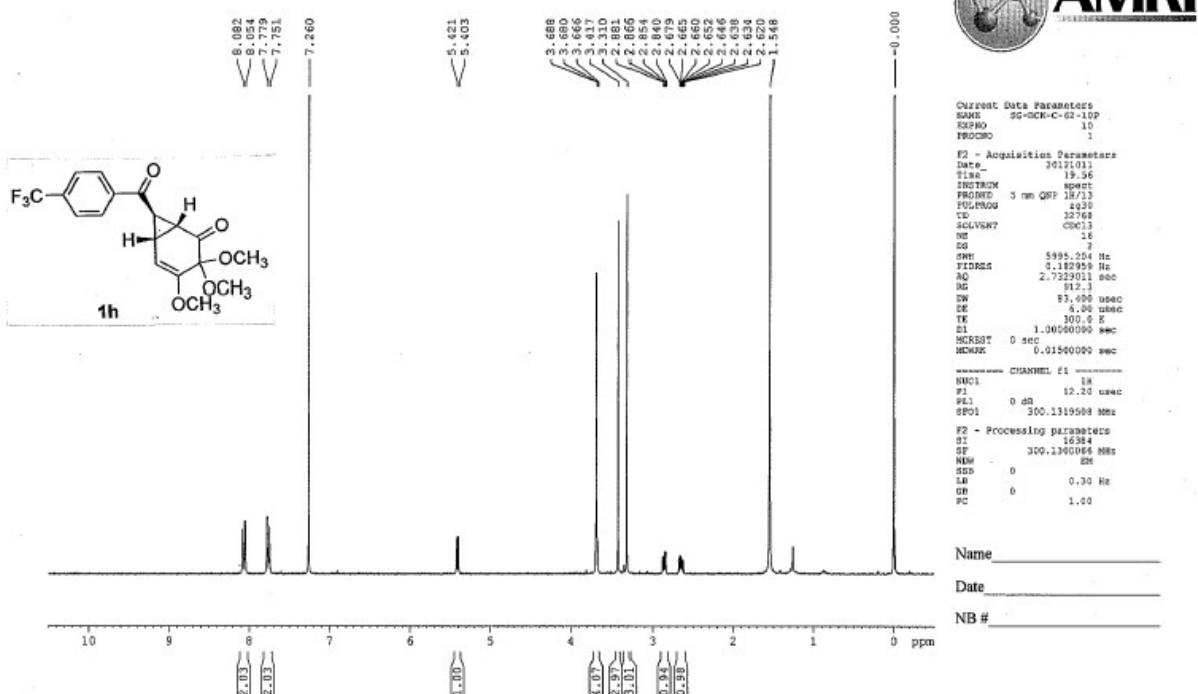




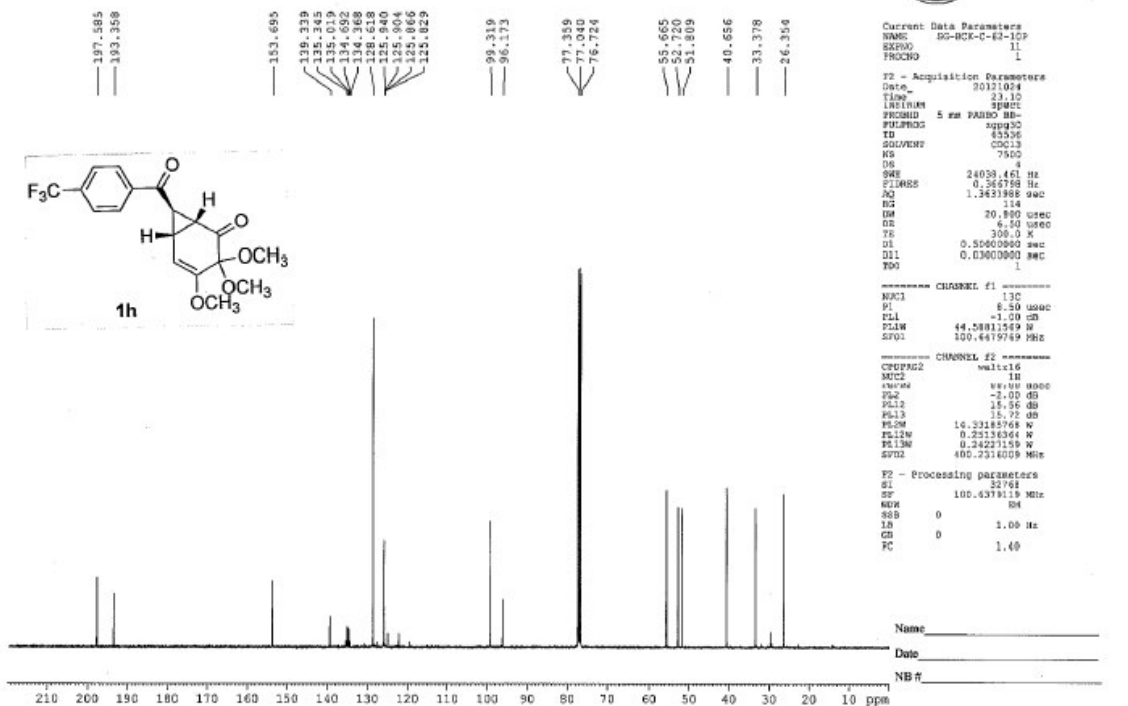
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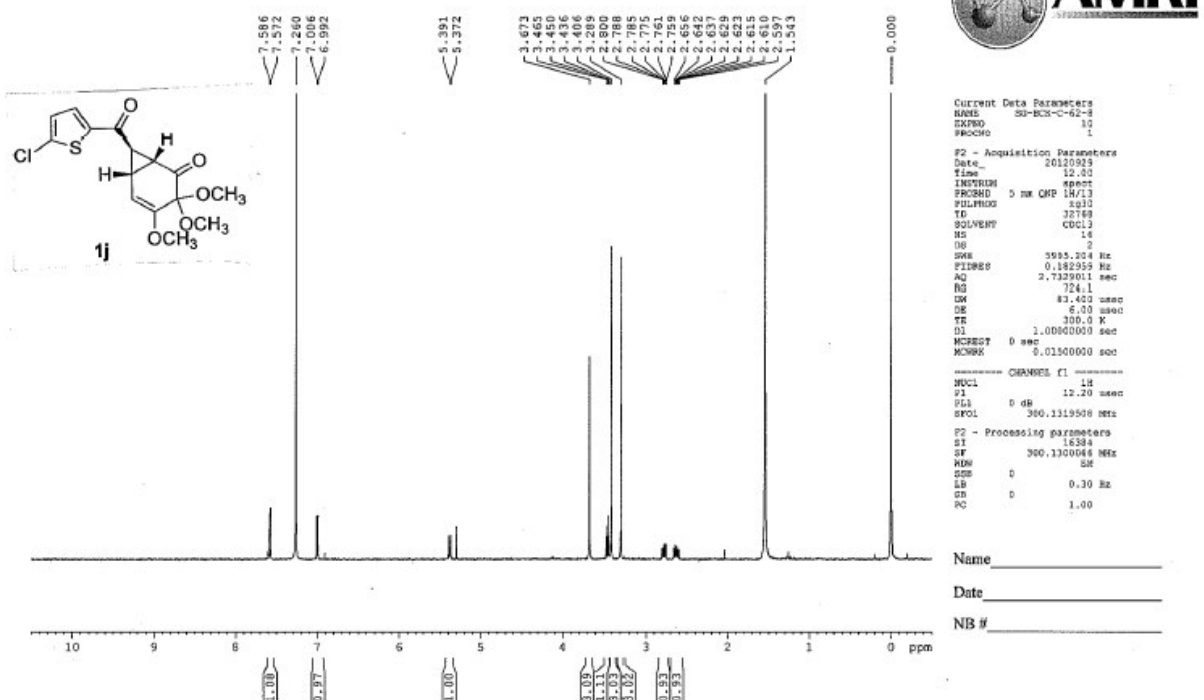




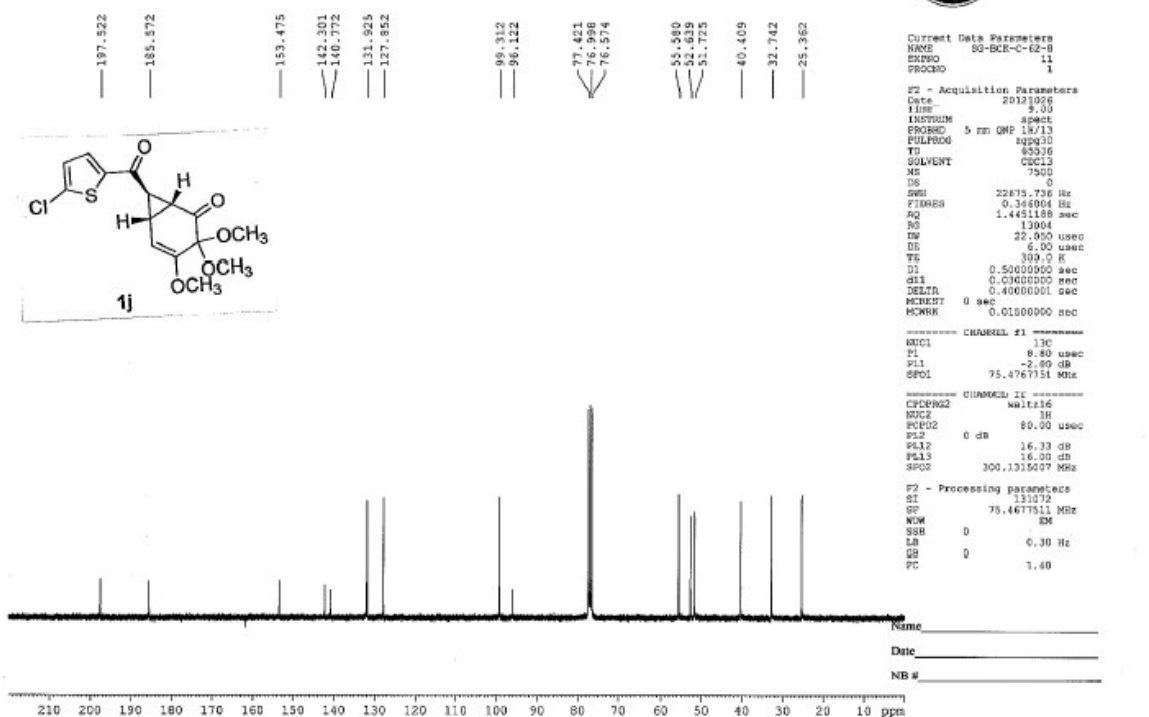
AMRI; SRC AV400
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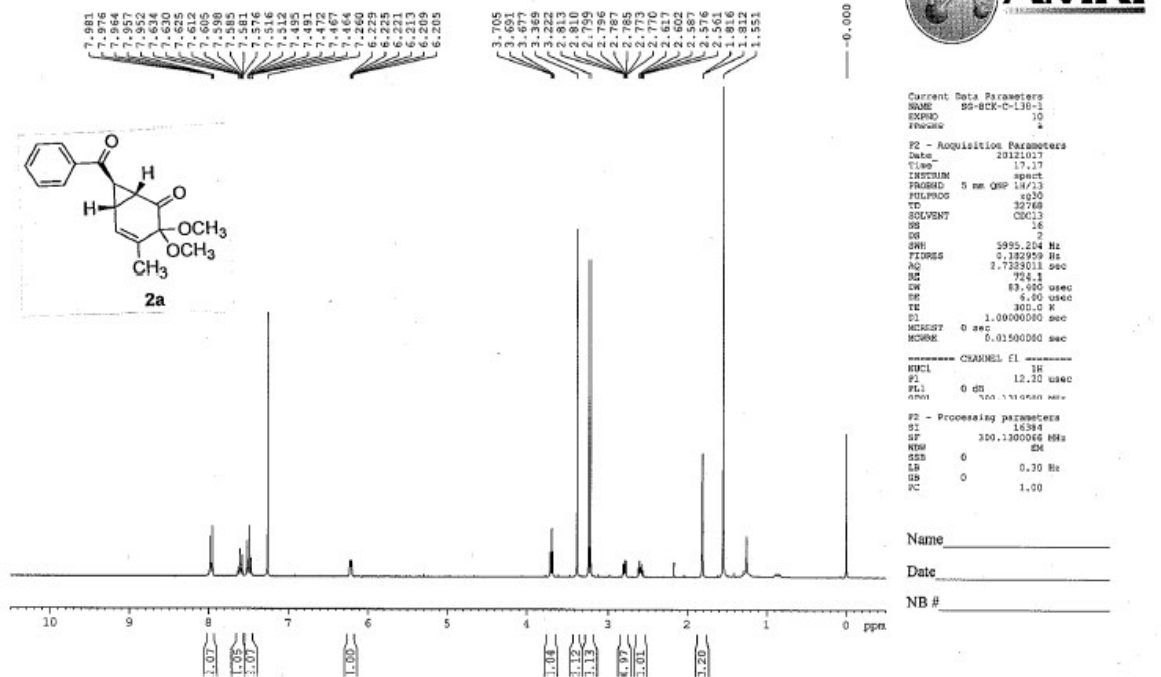




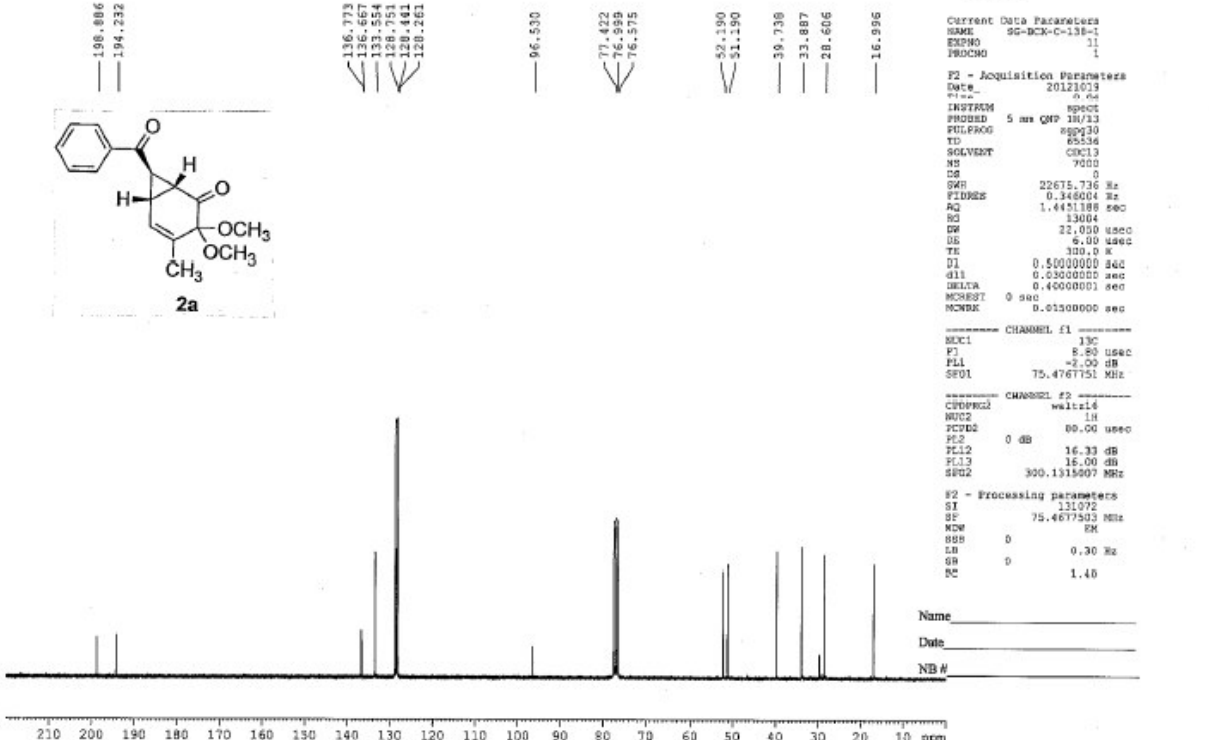


AMRI; SRC
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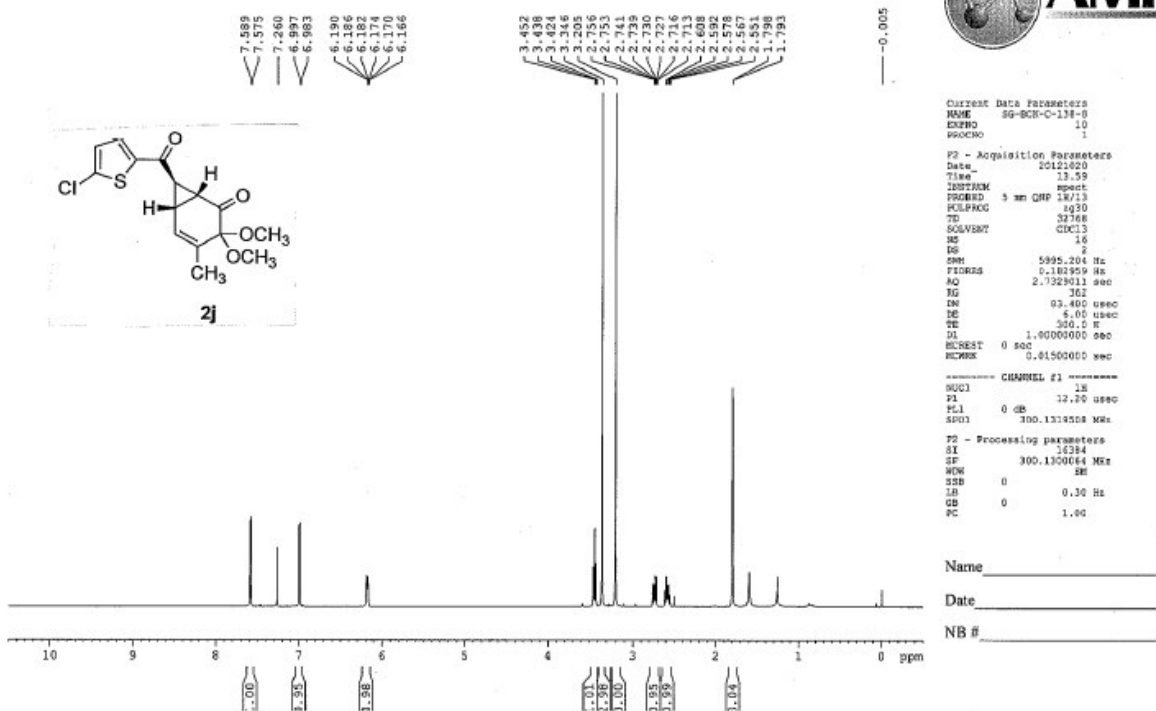




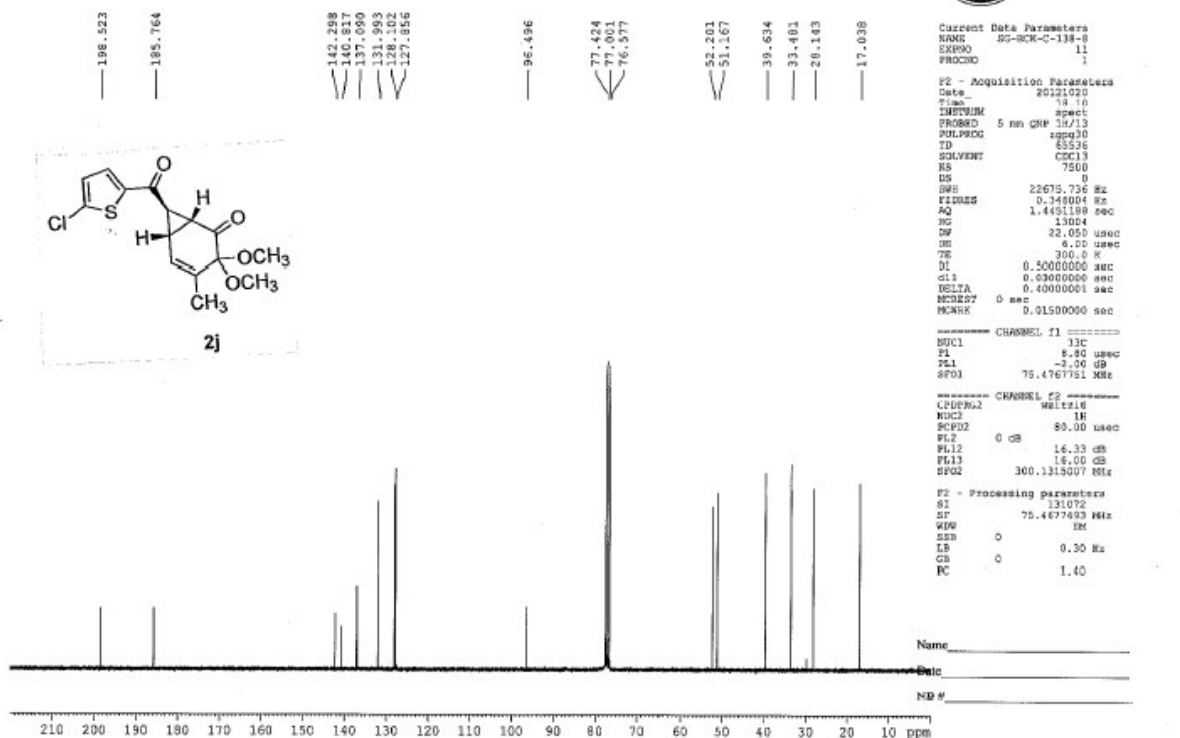
AMRI; SRC
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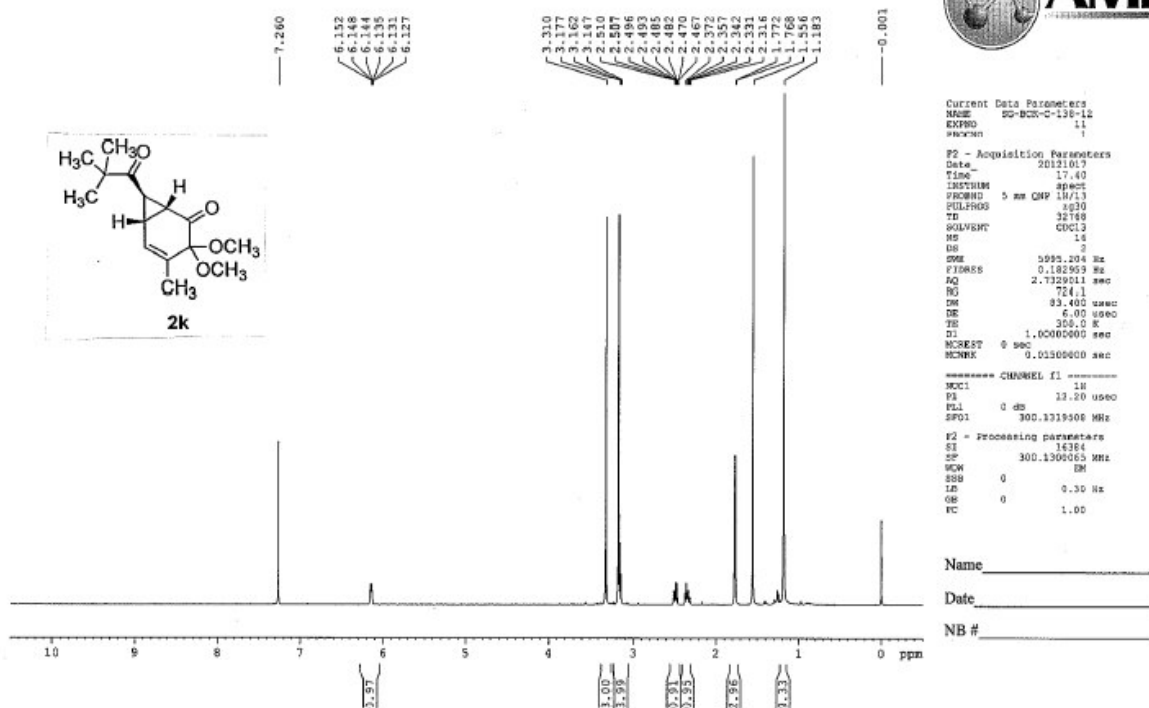




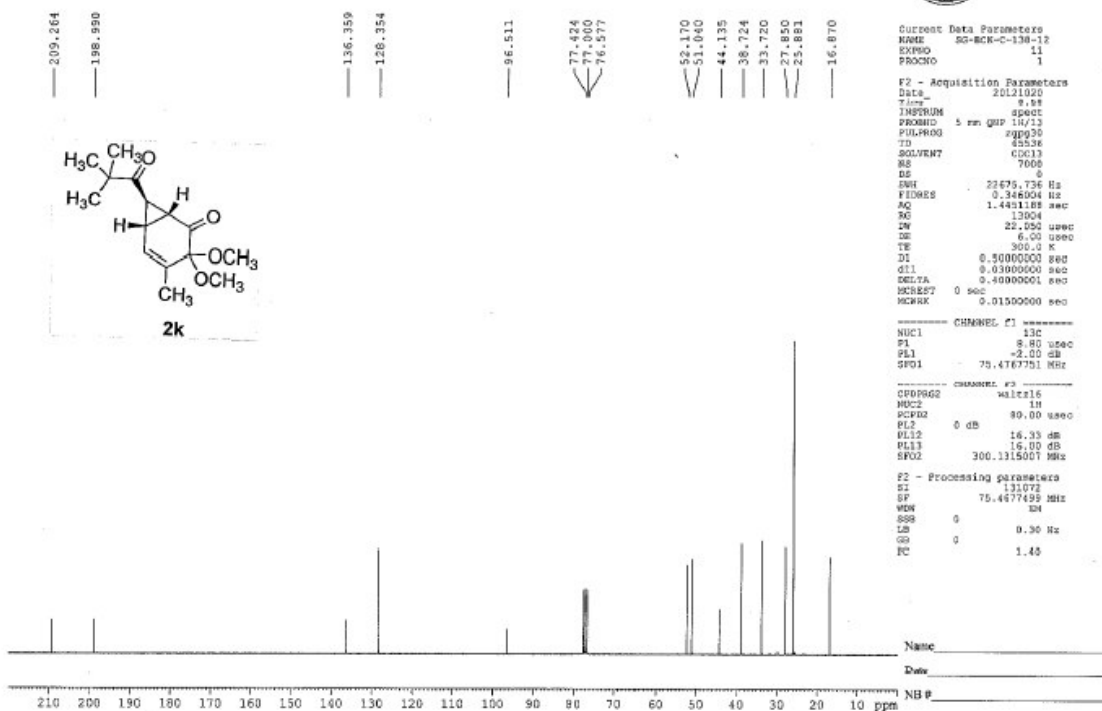


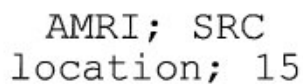
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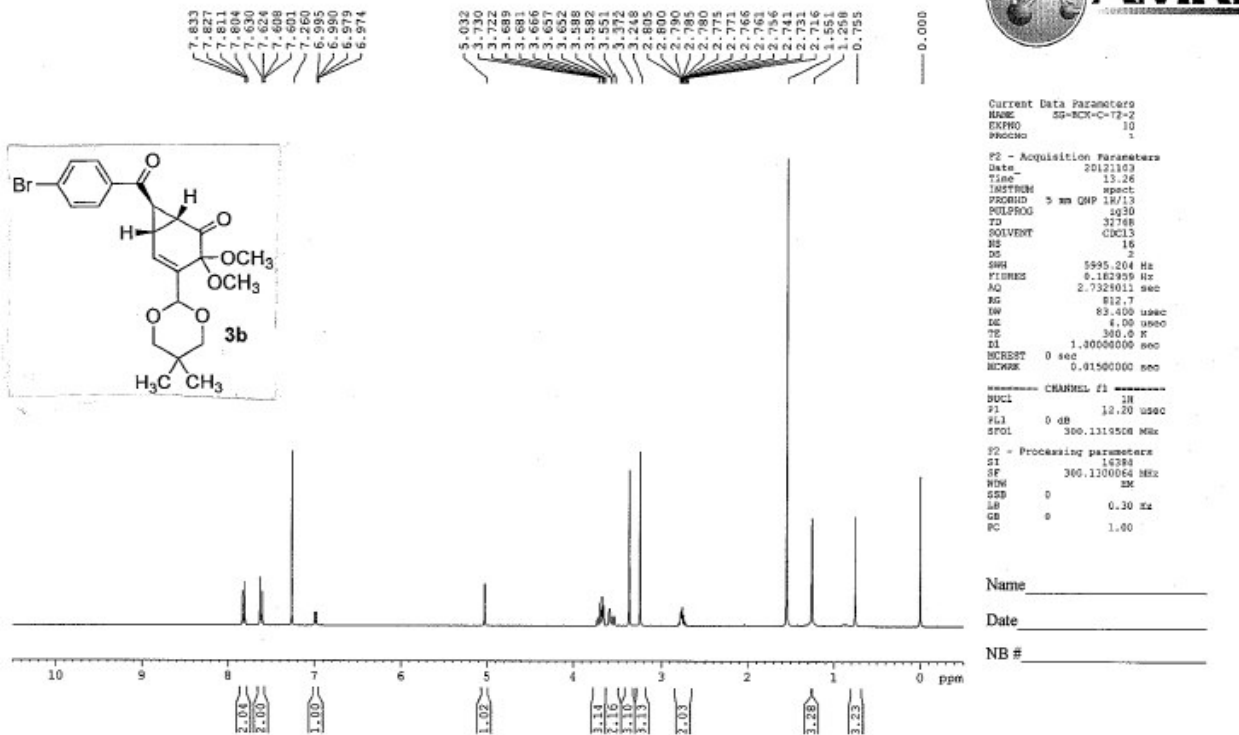




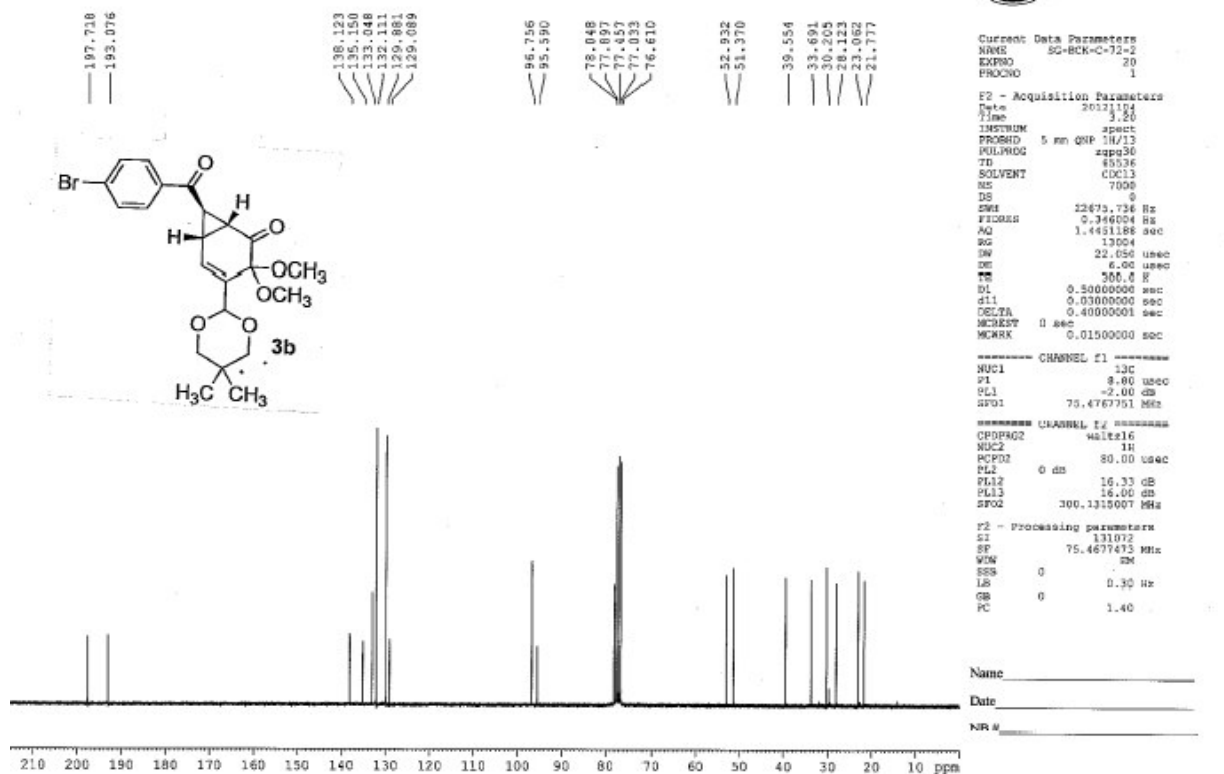
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location; 15

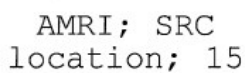


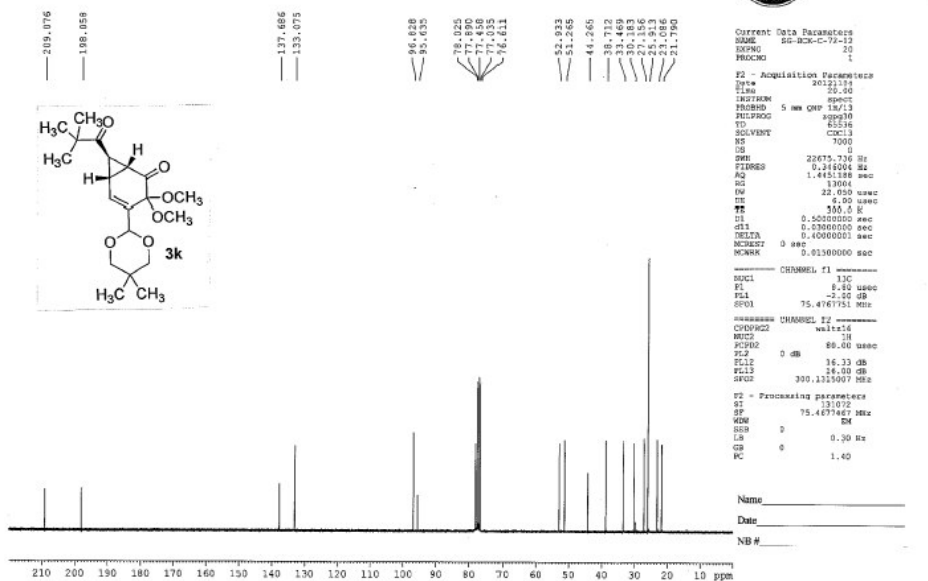
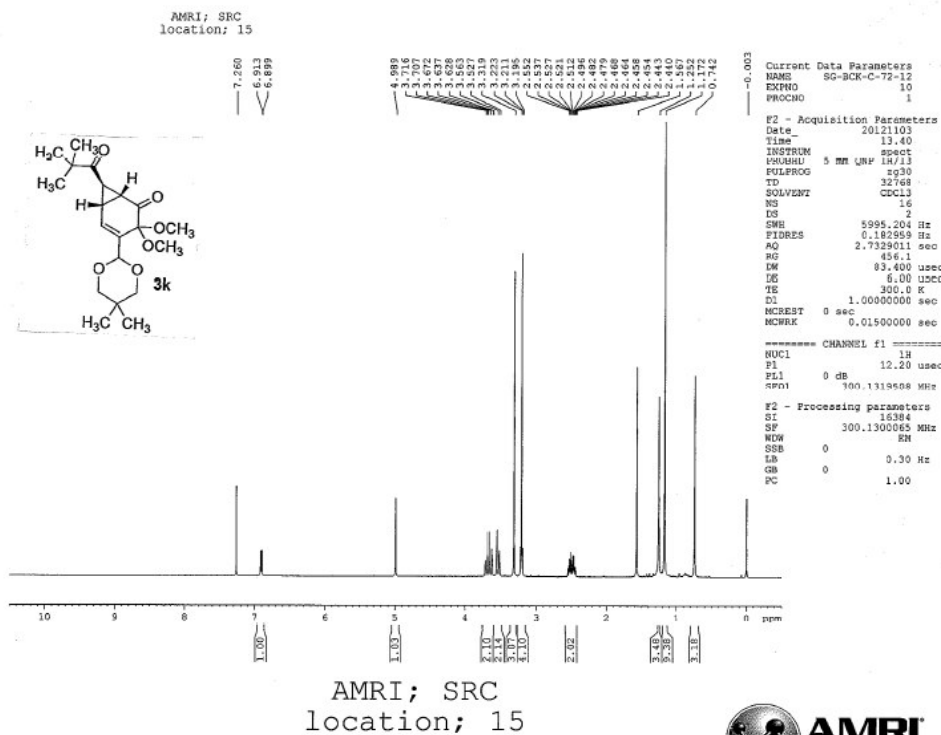




AMRI; SRC
location; 15

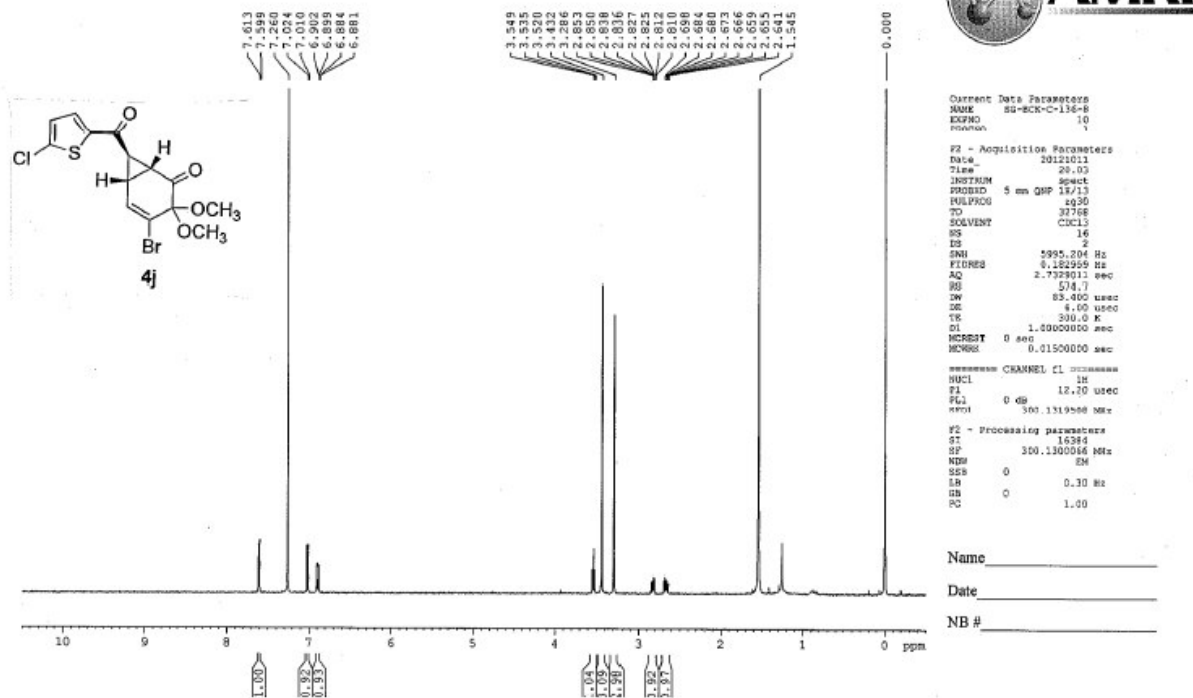




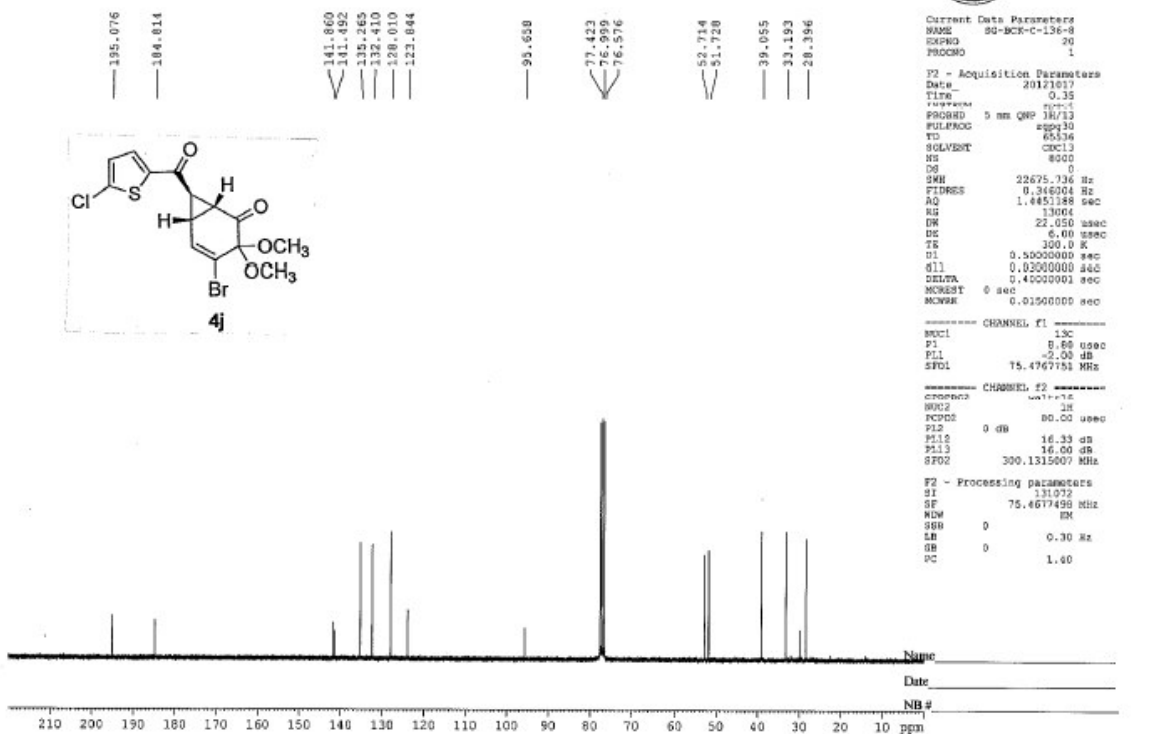


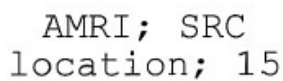


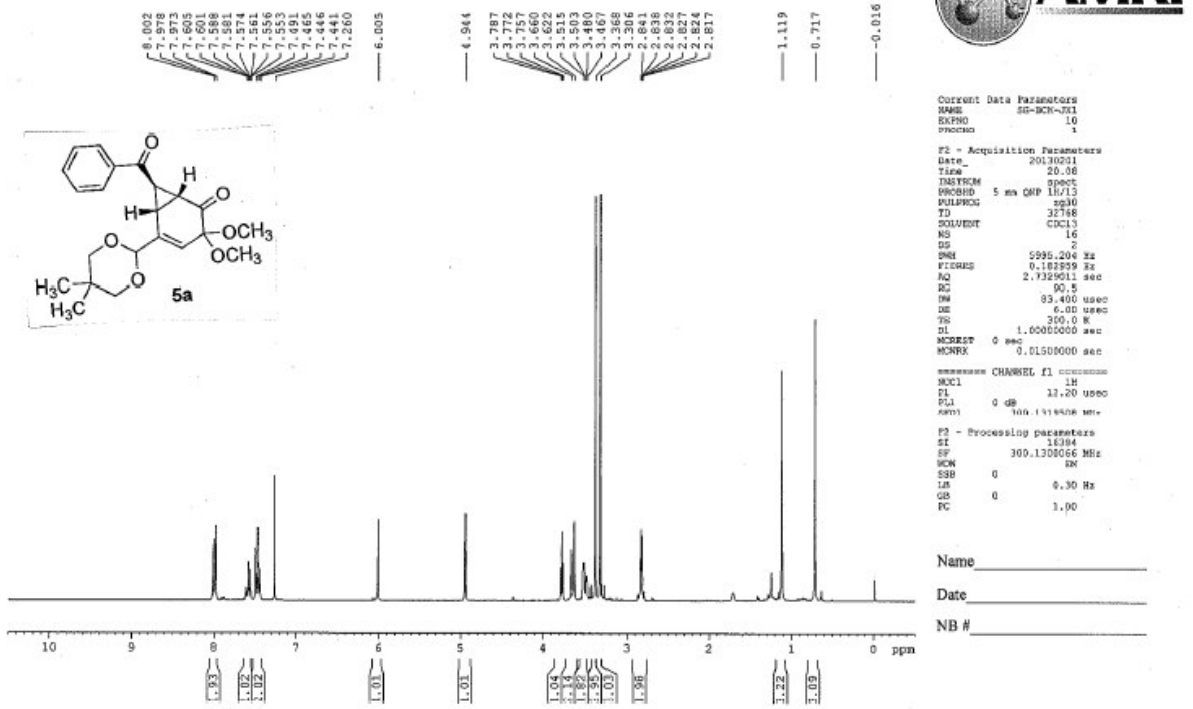




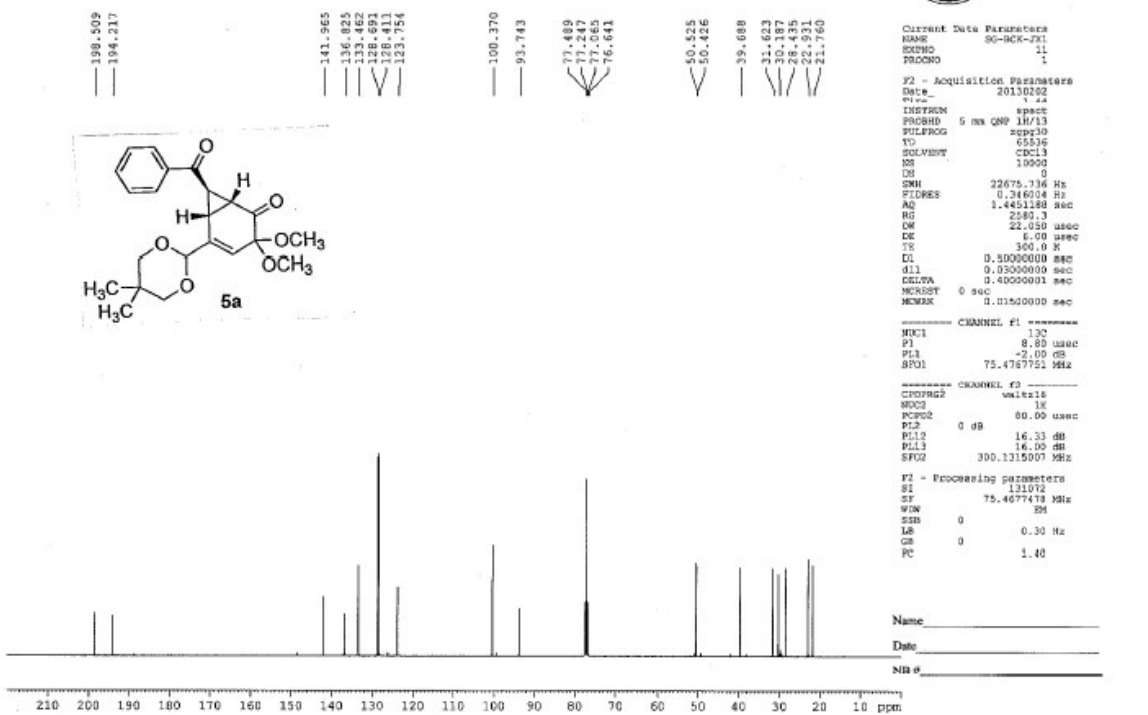
AMRI; SRC
location; 15

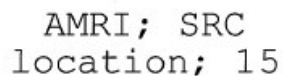


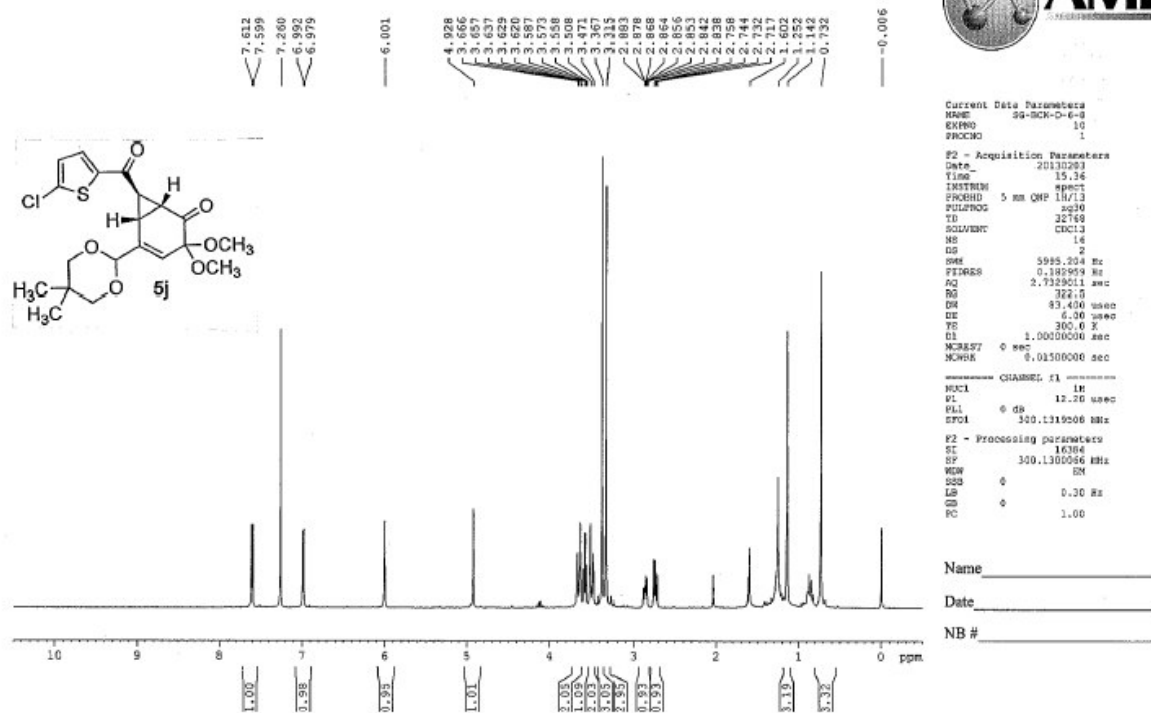




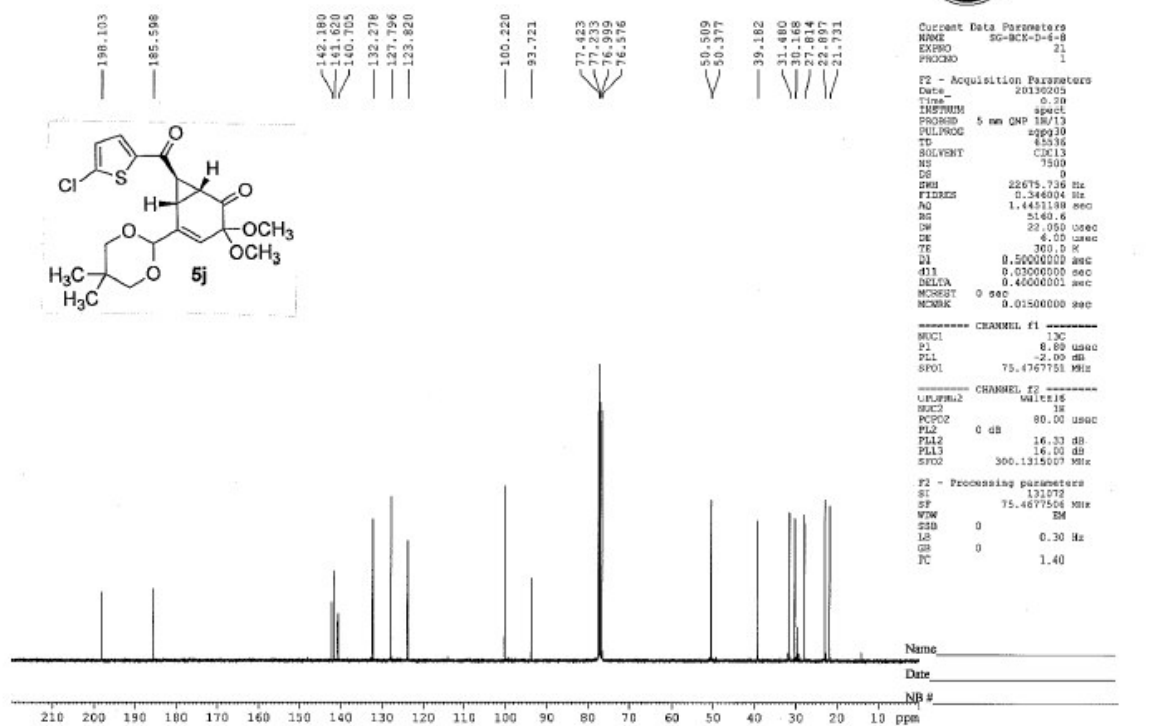
AMRI; SRC
location; 15

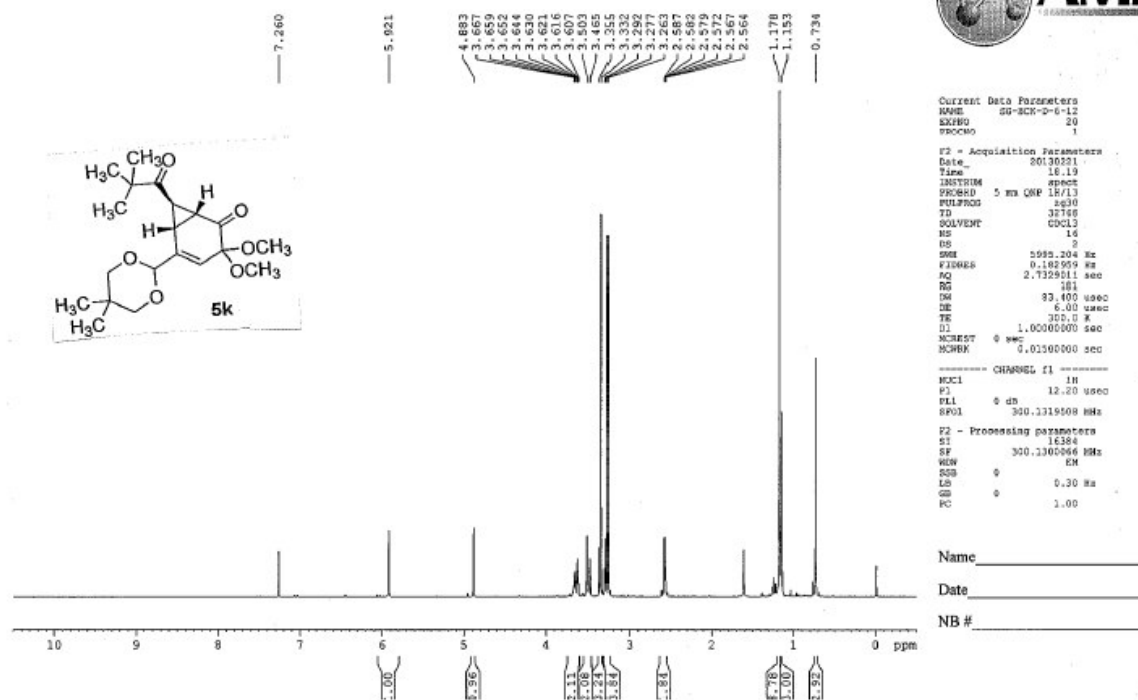






AMRI; SRC
location; 15





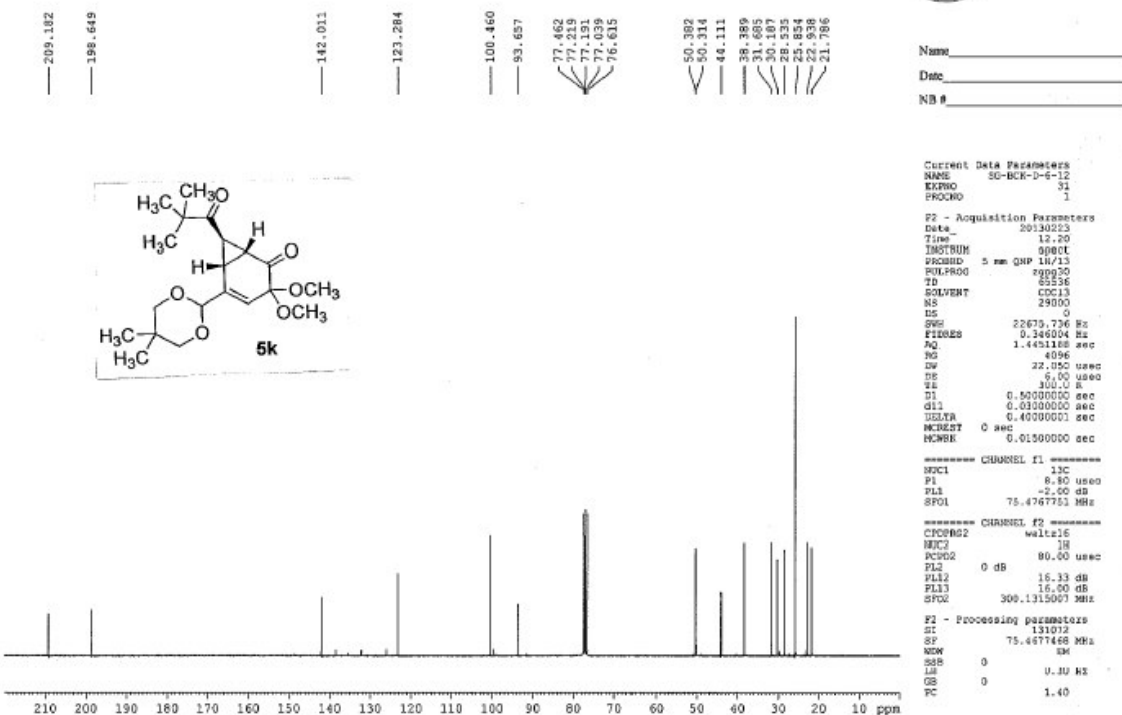
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NAME: 50-BCK-D-6-12
EXPNO: 20
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20130221
Time: 16.13
INSTRUM: spect
PROBHD: 5 mm QNP 1H/13
PULPROG: zgpg30
TD: 32768
SOLVENT: CDCl₃
NS: 14
DS: 0
SWH: 5995.204 KHz
FIDRES: 0.182505 KHz
AQ: 2.7325911 sec
RG: 181
IN: 93.400 usec
DE: 6.00 usec
TE: 300.2 K
D1: 1.00000000 sec
d11: 0.00000000 sec
d12: 0.01500000 sec

===== CHANNEL f1 =====
NUC1: 13C
P1: 12.20 usec
PL1: 0 dB
SFO1: 300.1315000 MHz

F2 - Processing parameters
SI: 16384
SF: 300.1300000 MHz
WDW: EM
SSB: 0
LB: 0.30 KHz
GB: 0
PC: 1.00

Name: _____
Date: _____
NB #: _____



Name: _____
Date: _____
NB #: _____

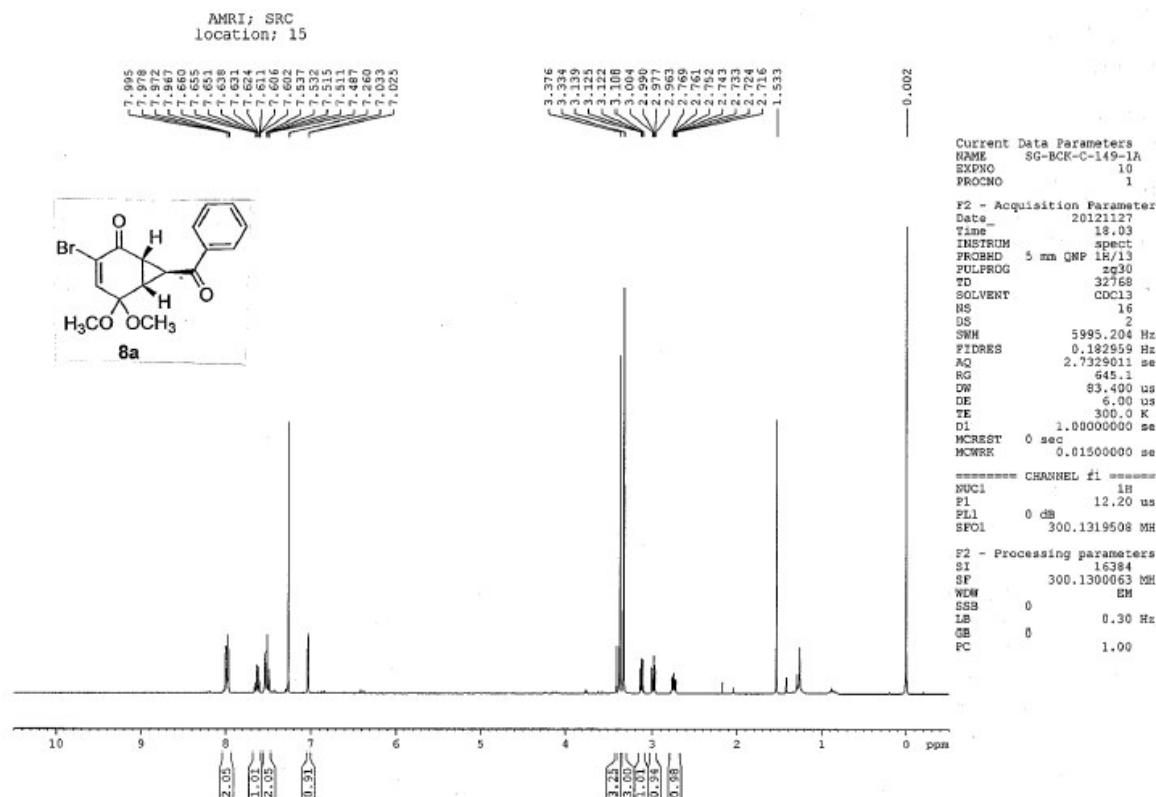
Current Data Parameters
NAME: 50-BCK-D-6-12
EXPNO: 31
PROCNO: 1

F2 - Acquisition Parameters
Date_: 20130223
Time: 12.20
INSTRUM: spect
PROBHD: 5 mm QNP 1H/13
PULPROG: zgpg30
TD: 65536
SOLVENT: CDCl₃
NS: 29000
DS: 0
SWH: 22679.736 KHz
FIDRES: 0.345004 KHz
AQ: 1.4451188 sec
RG: 4096
IN: 22.050 usec
DE: 6.00 usec
TE: 300.2 K
D1: 0.50000000 sec
d11: 0.03000000 sec
d12: 0.40000001 sec
d13: 0.00000000 sec
d14: 0.00000000 sec
d15: 0.01500000 sec

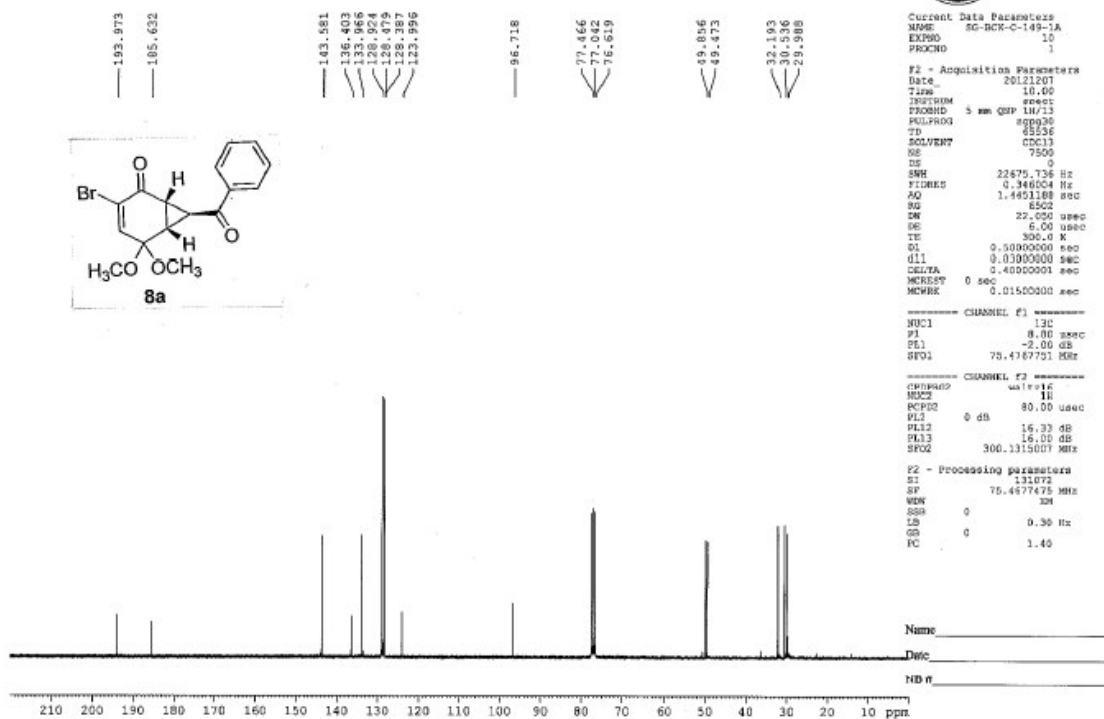
===== CHANNEL f1 =====
NUC1: 13C
P1: 8.80 usec
PL1: -2.00 dB
SFO1: 75.4767251 MHz

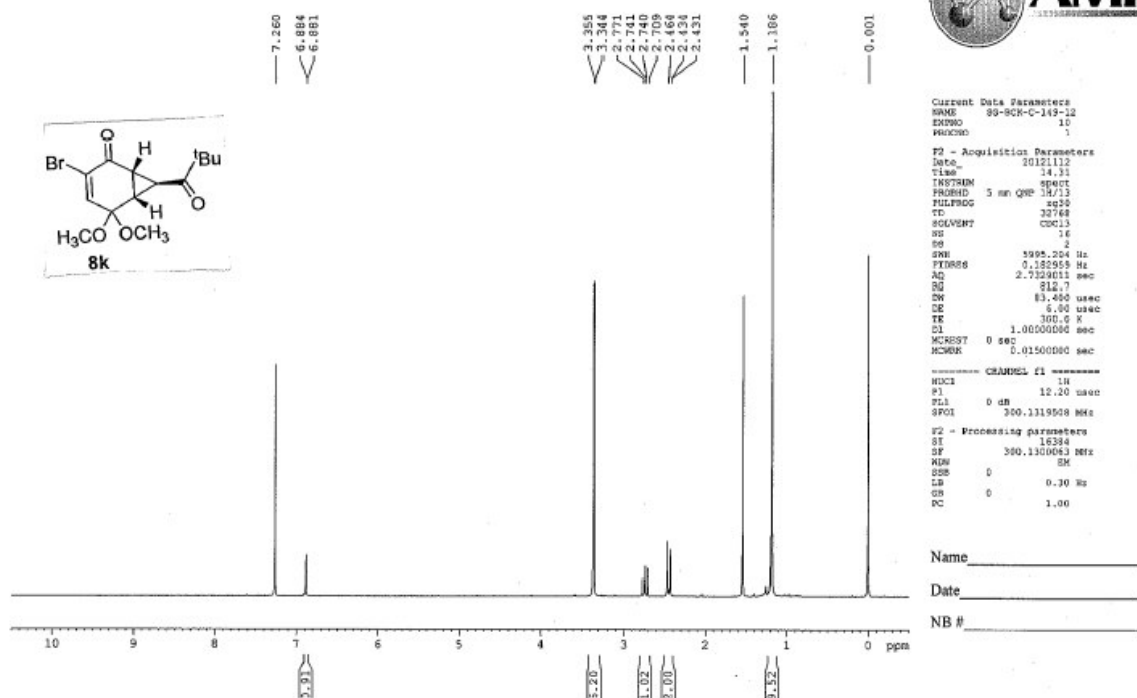
===== CHANNEL f2 =====
CPDPRG2: waltz16
NUC2: 1H
PCPD2: 90.00 usec
PL2: 0 dB
PL12: 16.33 dB
PL13: 16.50 dB
SFO2: 300.1315000 MHz

F2 - Processing parameters
SI: 131072
SF: 75.4677468 MHz
WDW: EM
SSB: 0
LB: 0.30 KHz
GB: 0
PC: 1.40

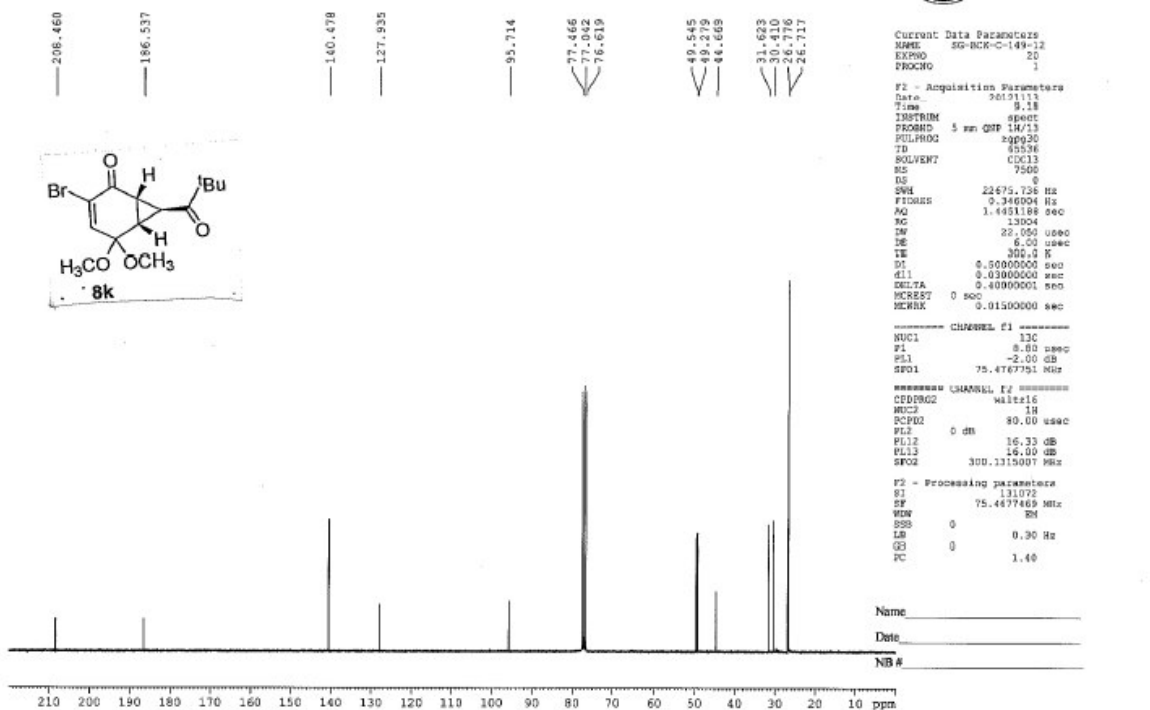


AMRI; SRC
location; 15





AMRI; SRC
location; 15





Name _____
Date _____
NB # _____



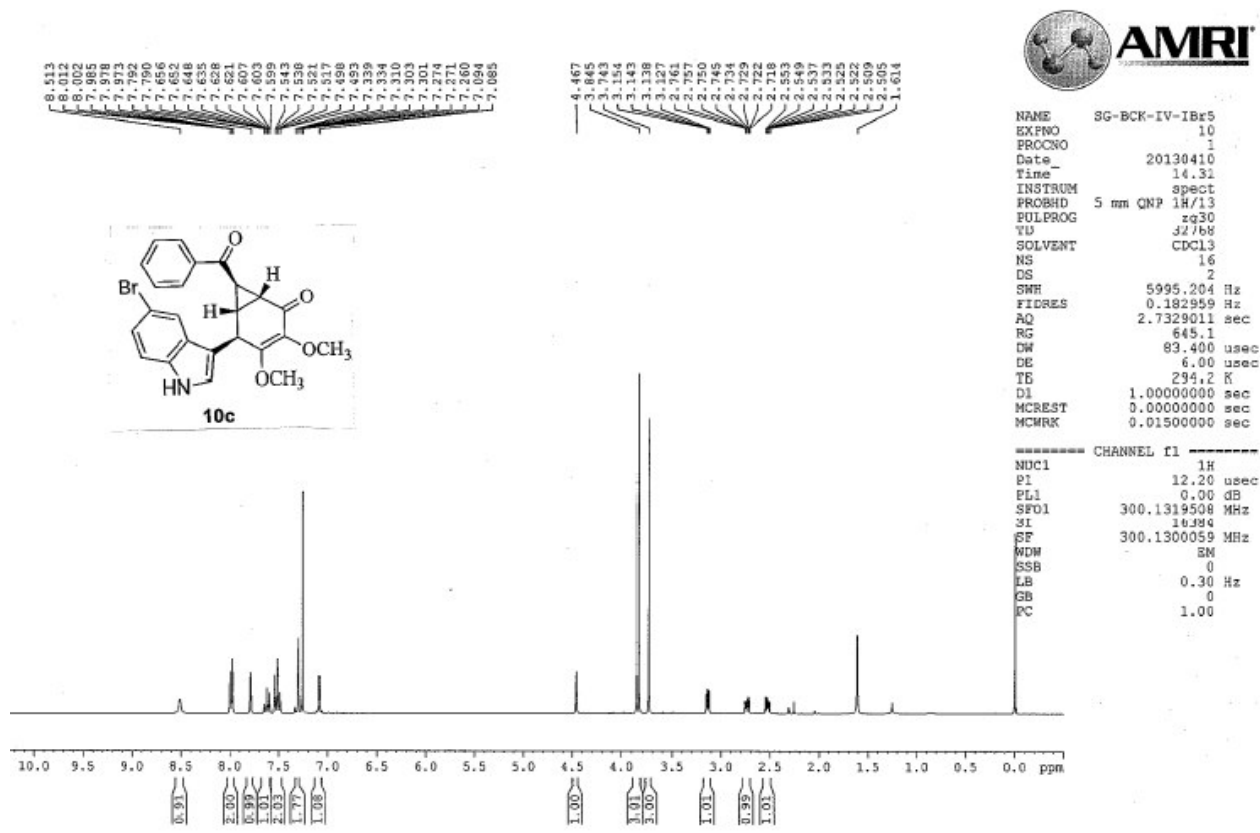
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Current data parameters
NAME          SW-BKCH-1v1a
EXPNO         1
PROCNO        1
F2 - Acquisition parameters
Date_         20130305
Time          0.19
INSTRUM       spect
PROBHD        5 mm QNP 1H/13
PULPROG       zgpg30
TD            65536
FIDRES        0.000130
AQ            0.001000
RG            327.5
DE            22.50 use
WE            6.00 use
TE            300.2
D1            0.50000000 sec
d11           0.03000000 sec
d12           0.45000000 sec
MAGNET       o ac
HWCSS        0.05000000 sec
===== CHANNEL f1 =====
NUC1          13C      1.0130432 MHz
P1            1.80 use
PC            2.00 use
PL1          -2.00 dB
SFO1         75.476477 MHz
===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2          1H       500.136049 MHz
P2            1.00 use
PC2           1.00 use
PL2          0 dB
PL12          16.33 dB
PL13          16.00 dB
PL14          16.00 dB
SFO2         300.135097 MHz
F2 - Processing parameters
SI            214072
SF           75.476477 MHz
GB           0
RG           327.5
DE            0.0300 sec
TE            300.2 K
LB            0
GB           0
PC            1.40

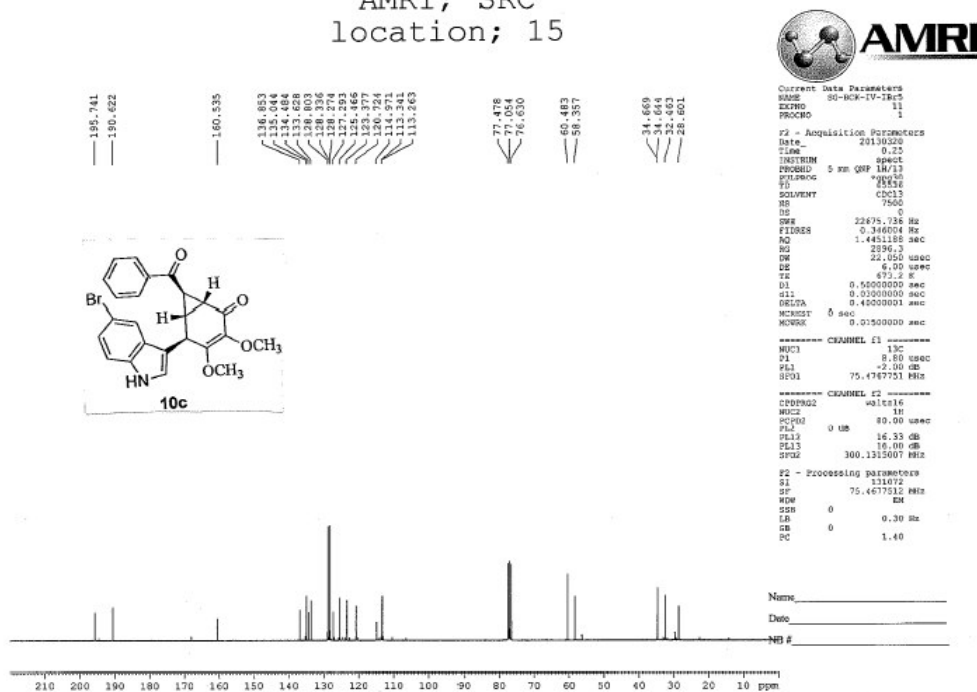
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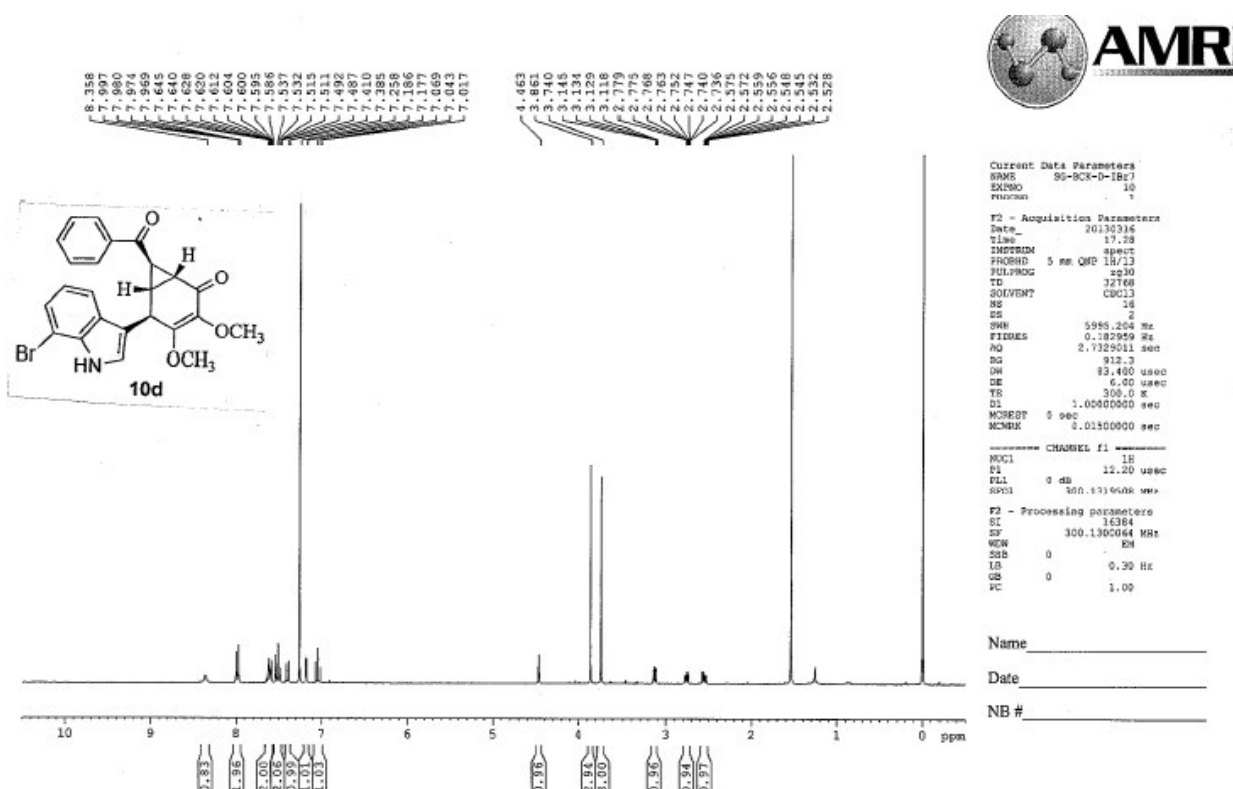
Name _____
Date _____
NB # _____



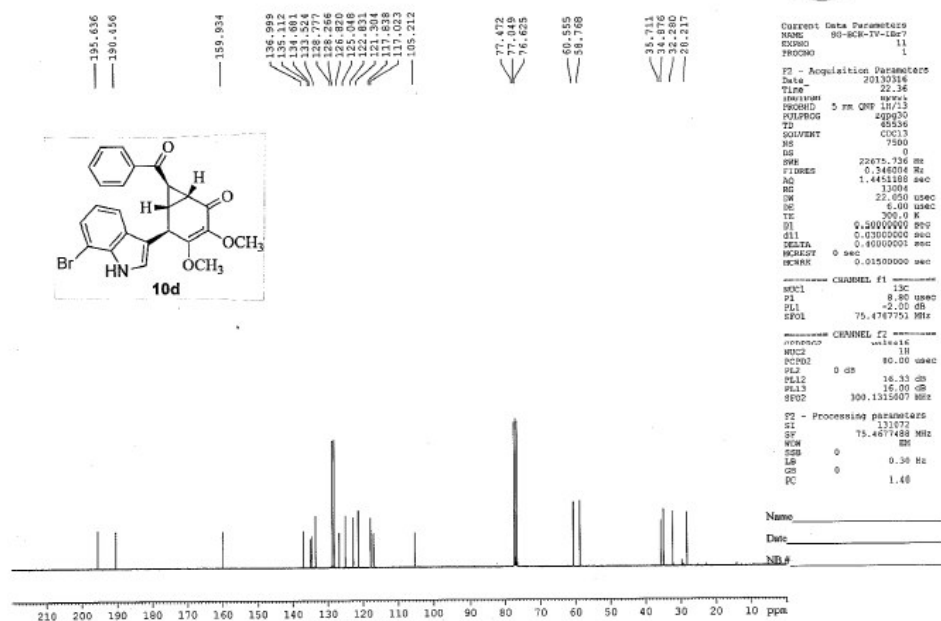


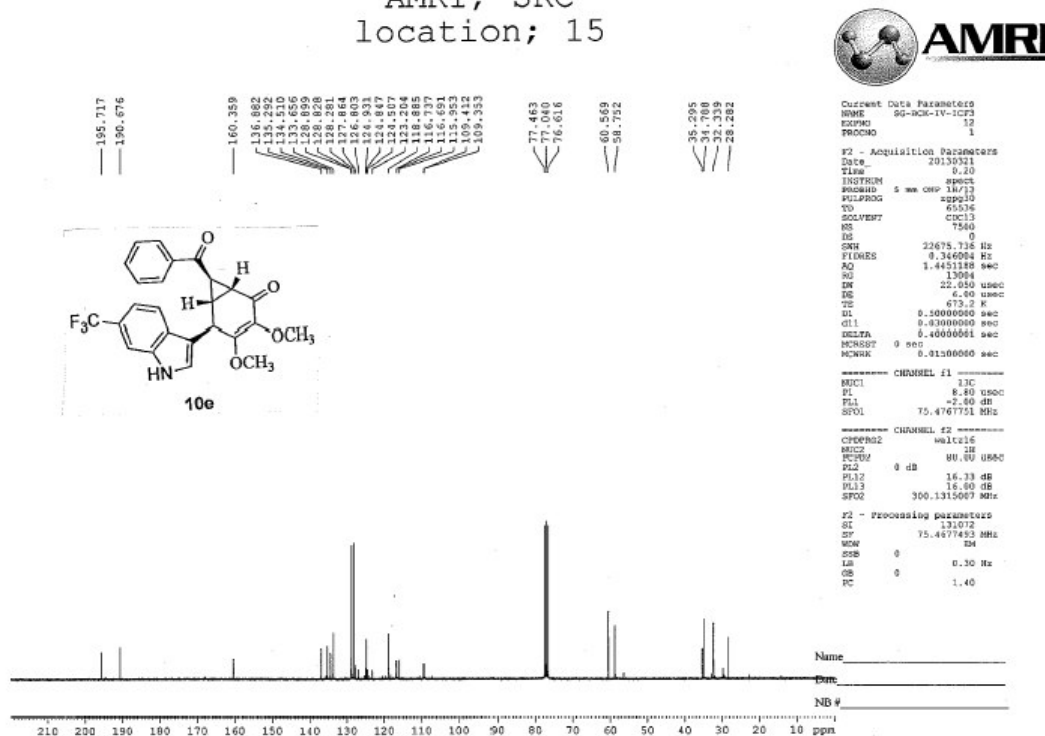
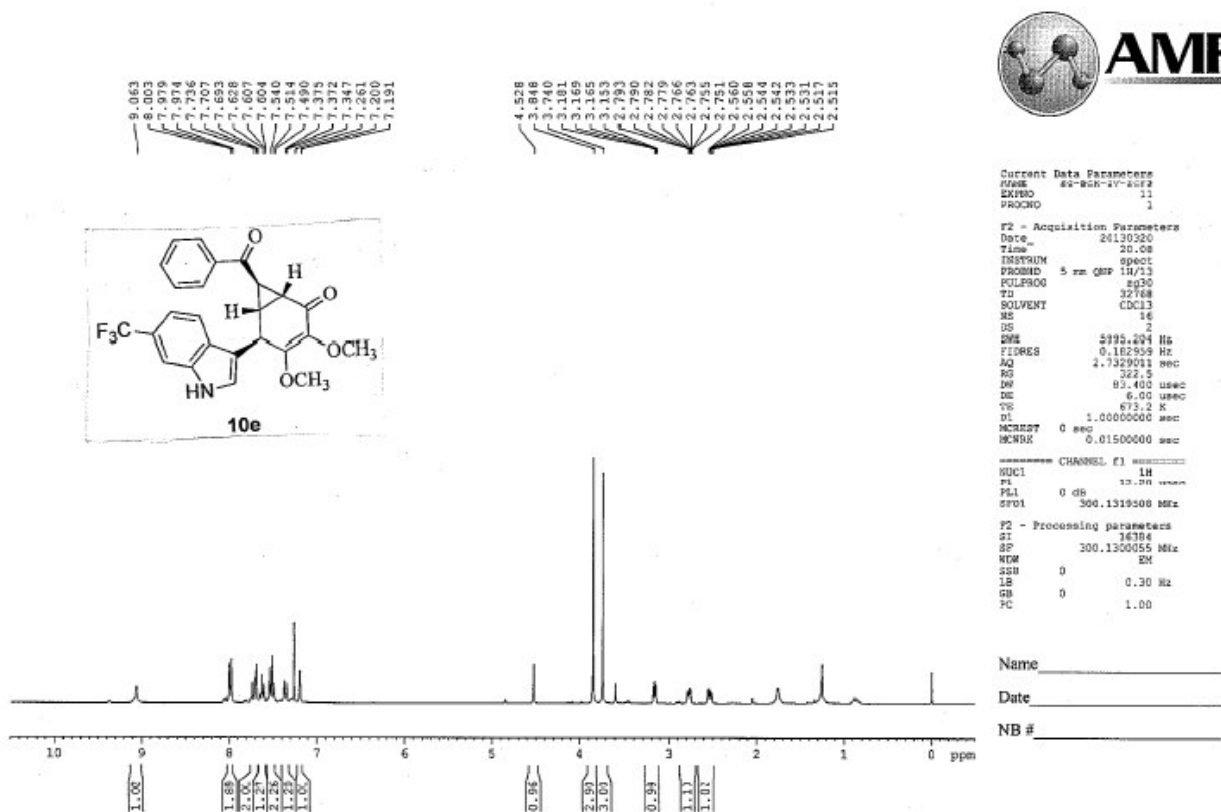
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location; 15

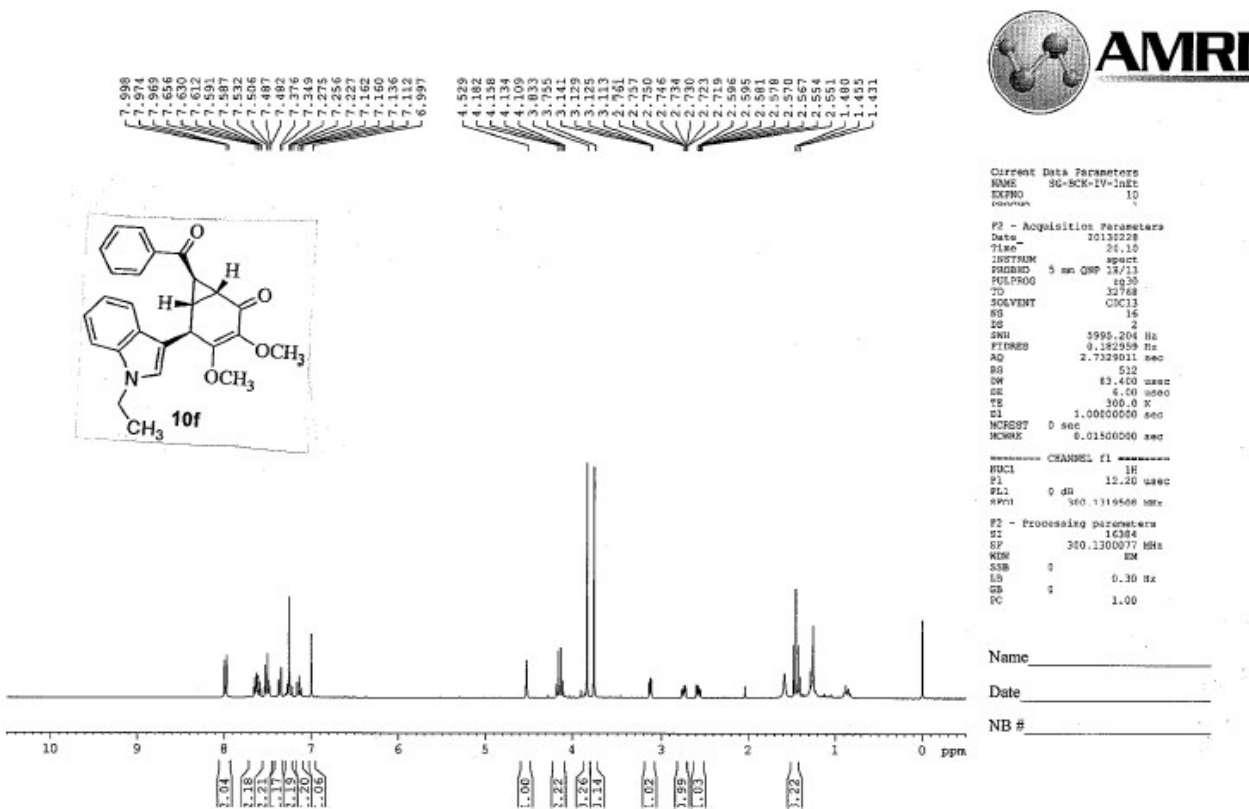




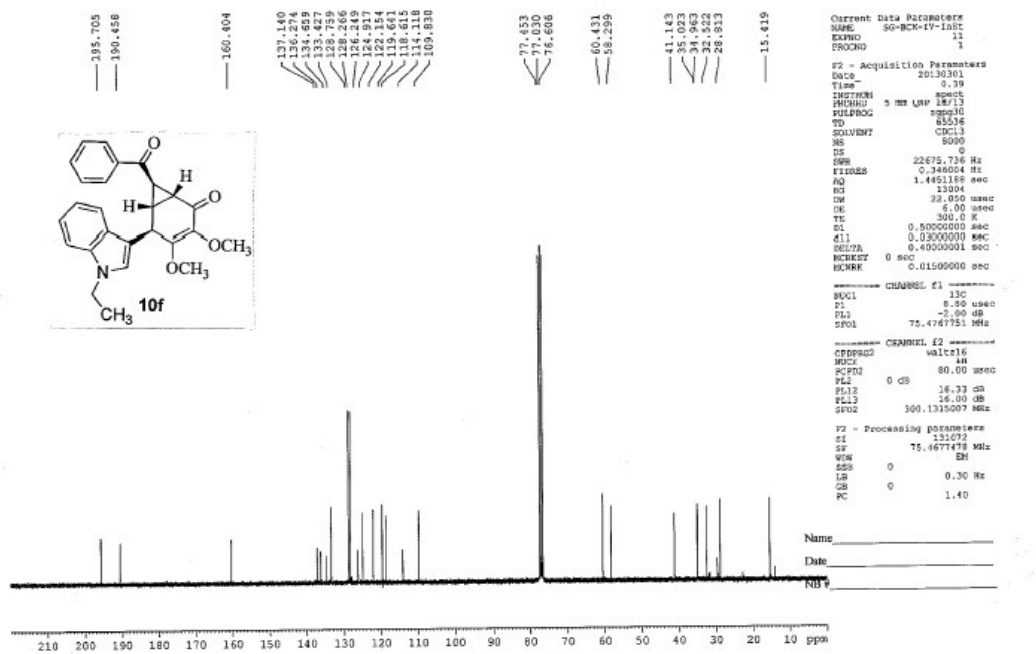
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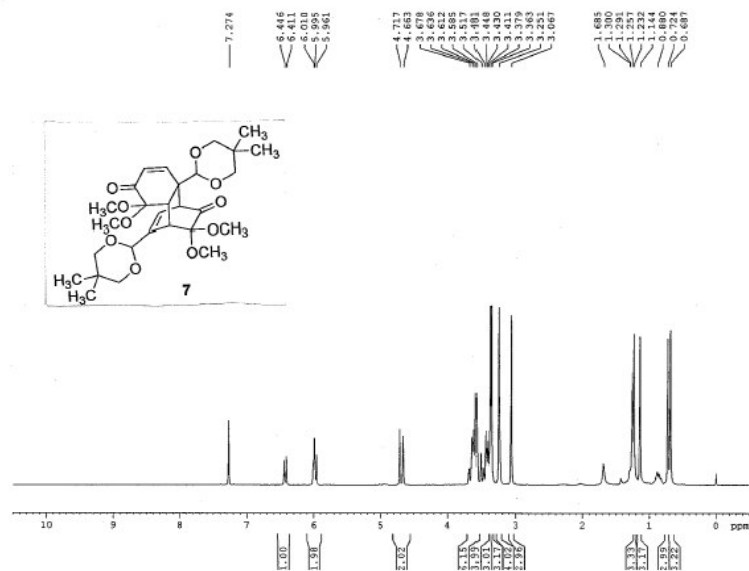




AMRI; SRC
location; 15



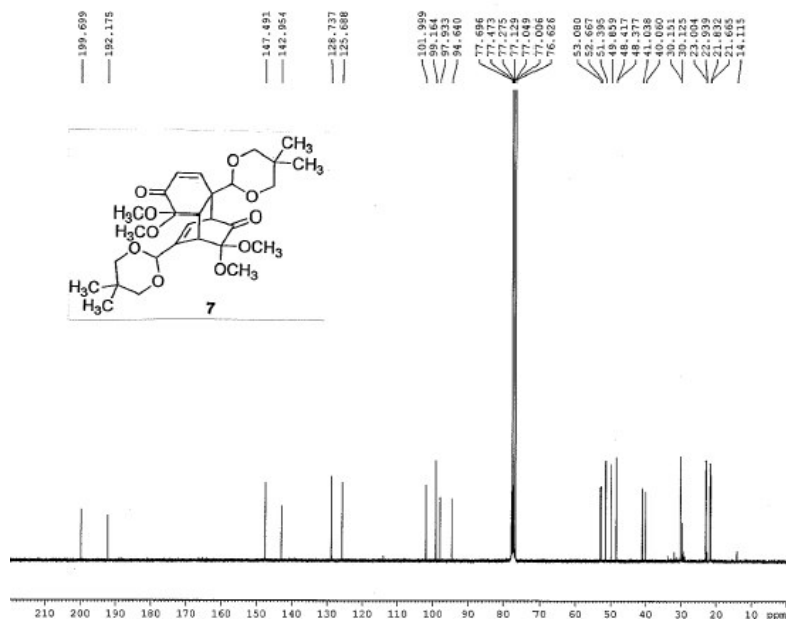




Current Data Parameters
NAME 26-BCH-Bdmer
EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20130402
Time 20.50
INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1500
DS 4
SWH 5955.234 Hz
FIDRES 0.182339 Hz
AQ 2.7329911 sec
RG 641
DM 83.430 usec
DE 6.50 usec
TE 300.2 K
D1 1.00000000 sec
MCREST 0 sec
MCMR 0.01500000 sec
===== CHANNEL f1 =====
NUC1 13C
P1 12.20 usec
PL1 0 dB
SFO1 300.1319508 MHz
F2 - Processing parameters
SI 13136
SF 300.1300015 MHz
WDW DM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

Name _____
Date _____
NB # _____

AMRI; SRC
location; 15



Name _____
Date _____
NB # _____

Current Data Parameters
NAME 26-BCH-Bdmer
EXPNO 11
PROCNO 1
F2 - Acquisition Parameters
Date_ 20130403
Time 9.21
INSTRUM spect
PROBHD 5 mm QNP 1H/13
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 1500
DS 4
SWH 22675.736 Hz
FIDRES 0.348004 Hz
AQ 1.4121188 sec
RG 13004
DM 32.050 usec
DE 6.50 usec
TE 300.2 K
D1 0.50000000 sec
d11 0.03000000 sec
DELTA 0.40000001 sec
MCREST 0 sec
MCMR 0.01500000 sec
===== CHANNEL f1 =====
NUC1 13C
P1 6.80 usec
PL1 -2.00 dB
SFO1 75.4767751 MHz
===== CHANNEL f2 =====
CPDPRG2 waltz16
MPC1 3H
PCPD2 80.50 usec
PL12 0 dB
PL13 16.33 dB
PL14 16.30 dB
SFO2 300.1315607 MHz
F2 - Processing parameters
SI 131012
SF 75.4677446 MHz
WDW DM
SSB 0
LB 0.30 Hz
GB 0
PC 1.40