

Regioselective cascade synthesis of Naphthofurans

Supporting information

ⁿBu₄NPF₆ Promoted Regioselective Cascade Synthesis of Functionally Embellished Naphthofurans under Acid, Metal & Solvent Free Conditions

Abhishek Pareek,[†] Ravikrishna Dada[†] Monika Rana,[†] Anuj K Sharma,[†] and Srinivasarao Yaragorla,*[†]

Department of Chemistry, Central University of Rajasthan, NH-8, Bandersindri, Ajmer-district, Rajasthan, 305817, India

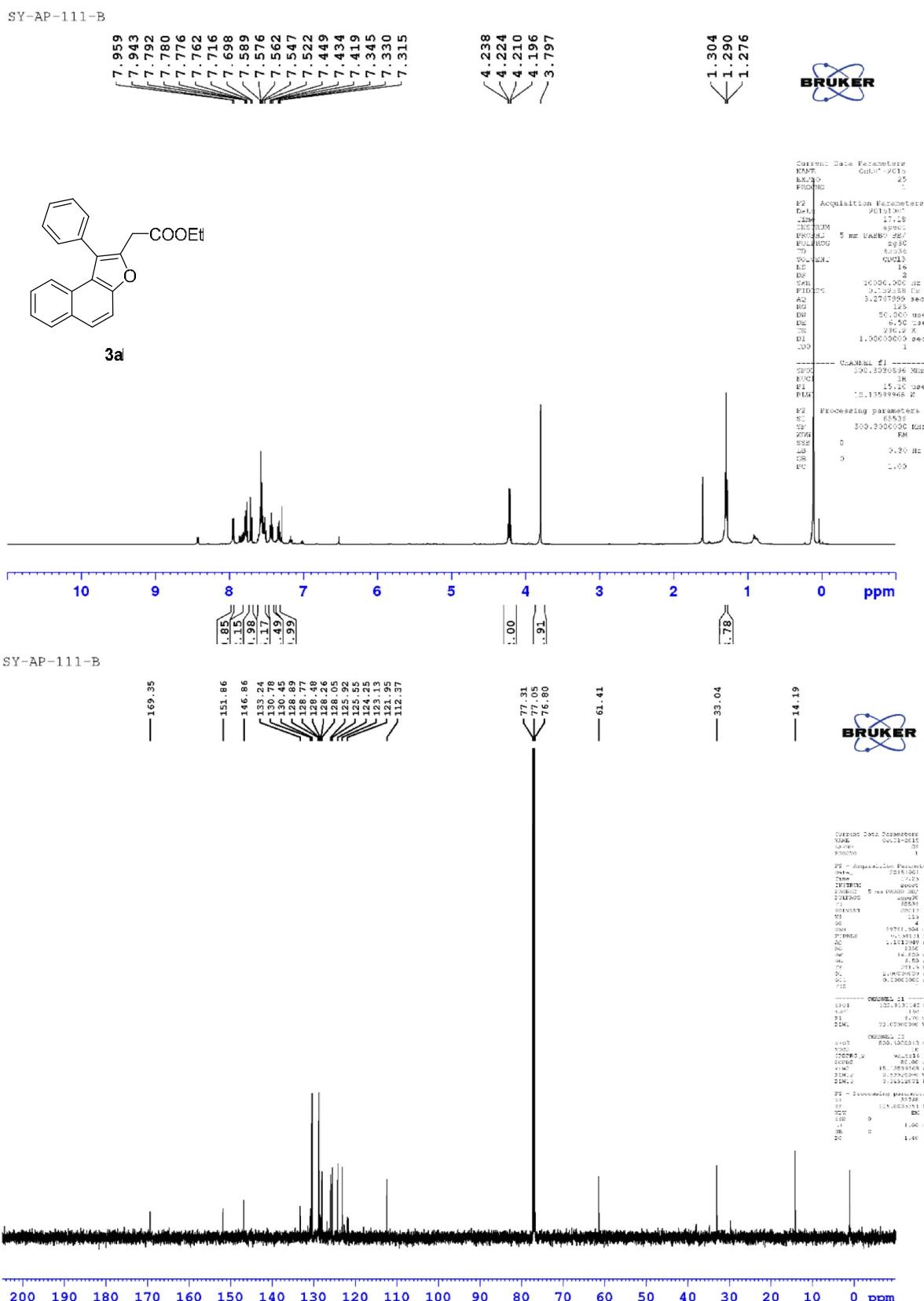
E-mail: srinivasarao@curaj.ac.in & ysriict@gmail.com

List of contents	page no.
------------------	----------

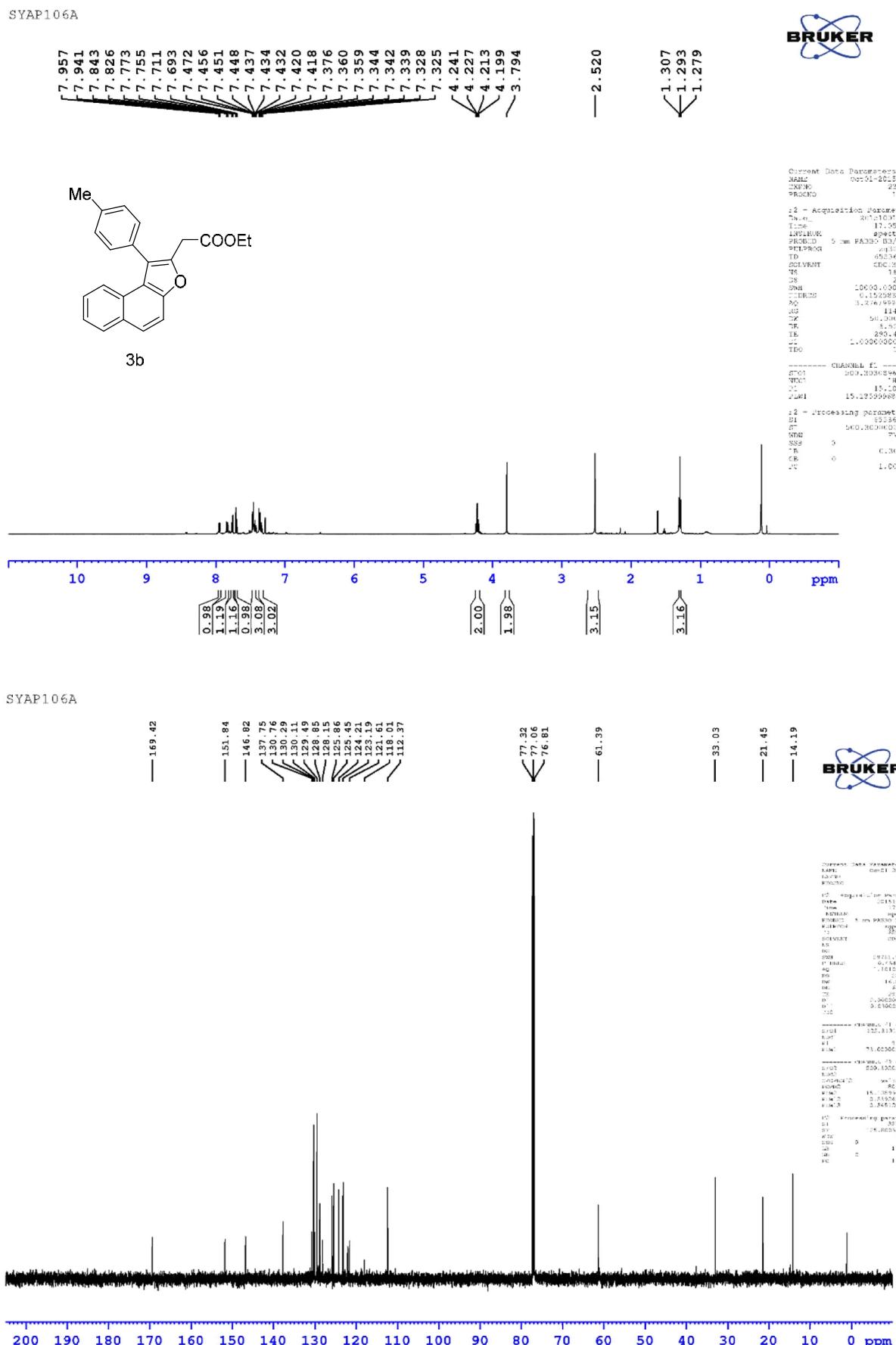
1. Copies of ¹ H and ¹³ C-NMR	2-41
---	------

1. Copies of ¹H and C¹³-NMR

Regioselective cascade synthesis of Naphthofurans

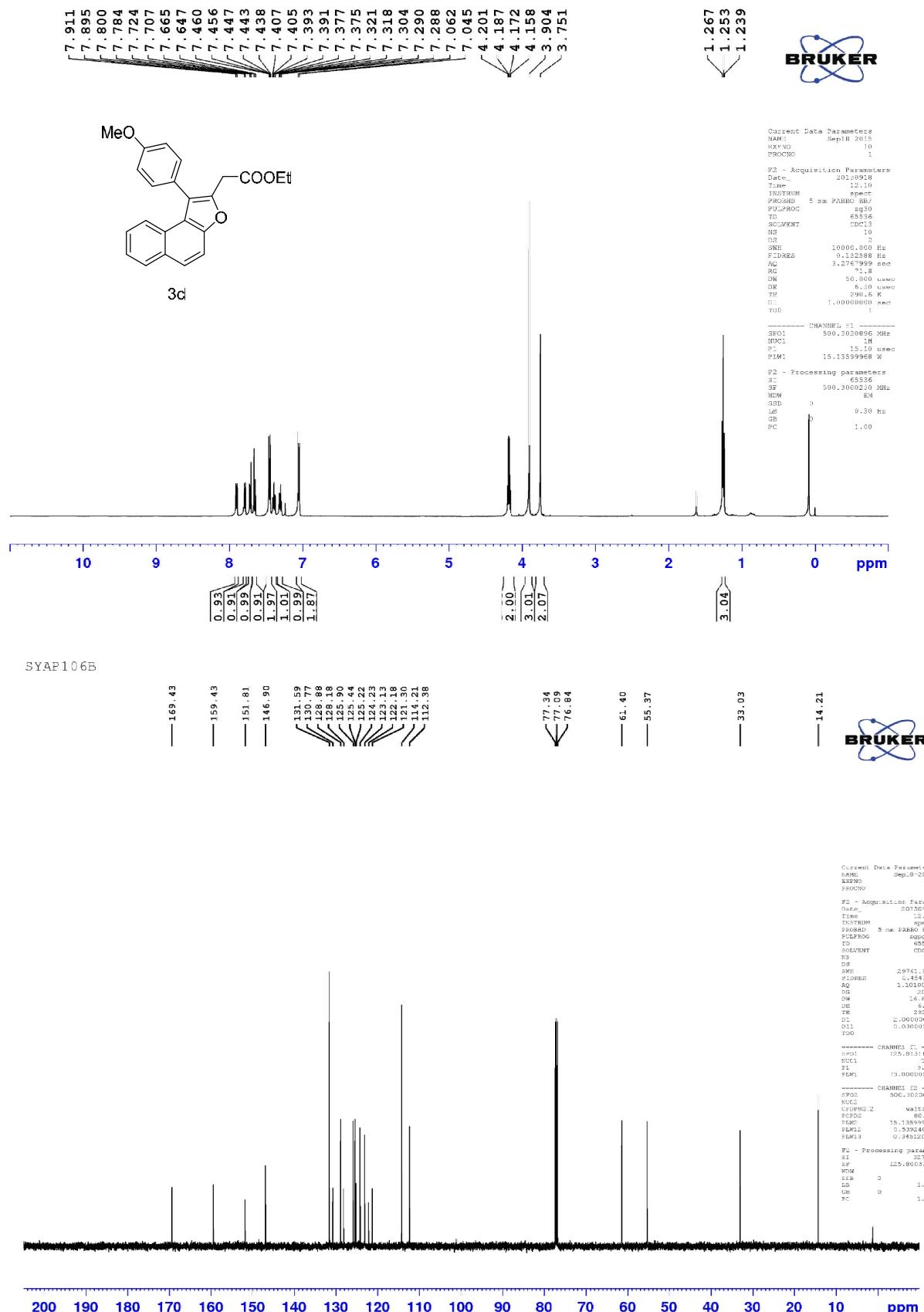


Regioselective cascade synthesis of Naphthofurans

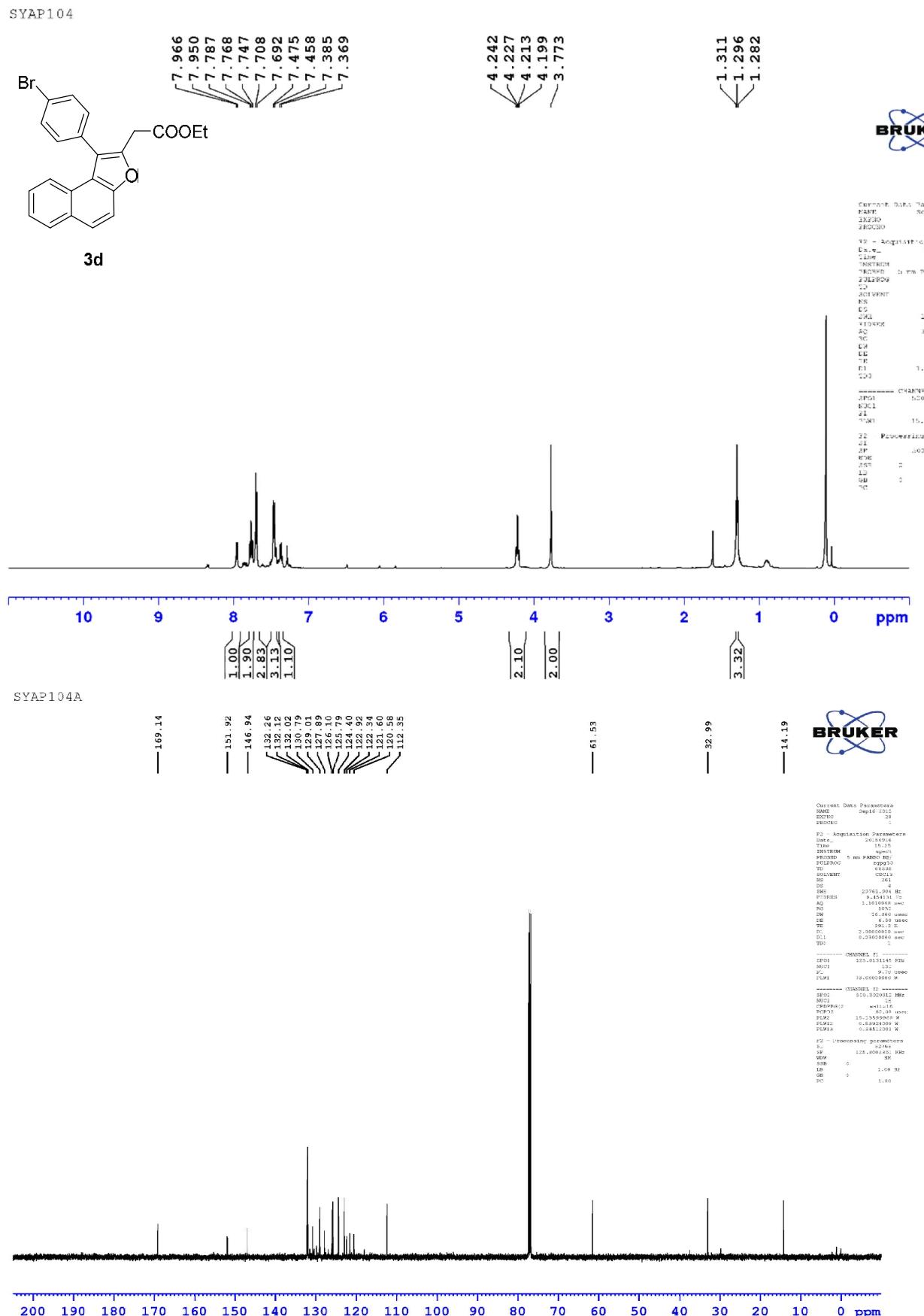


Regioselective cascade synthesis of Naphthofurans

SYAP106B

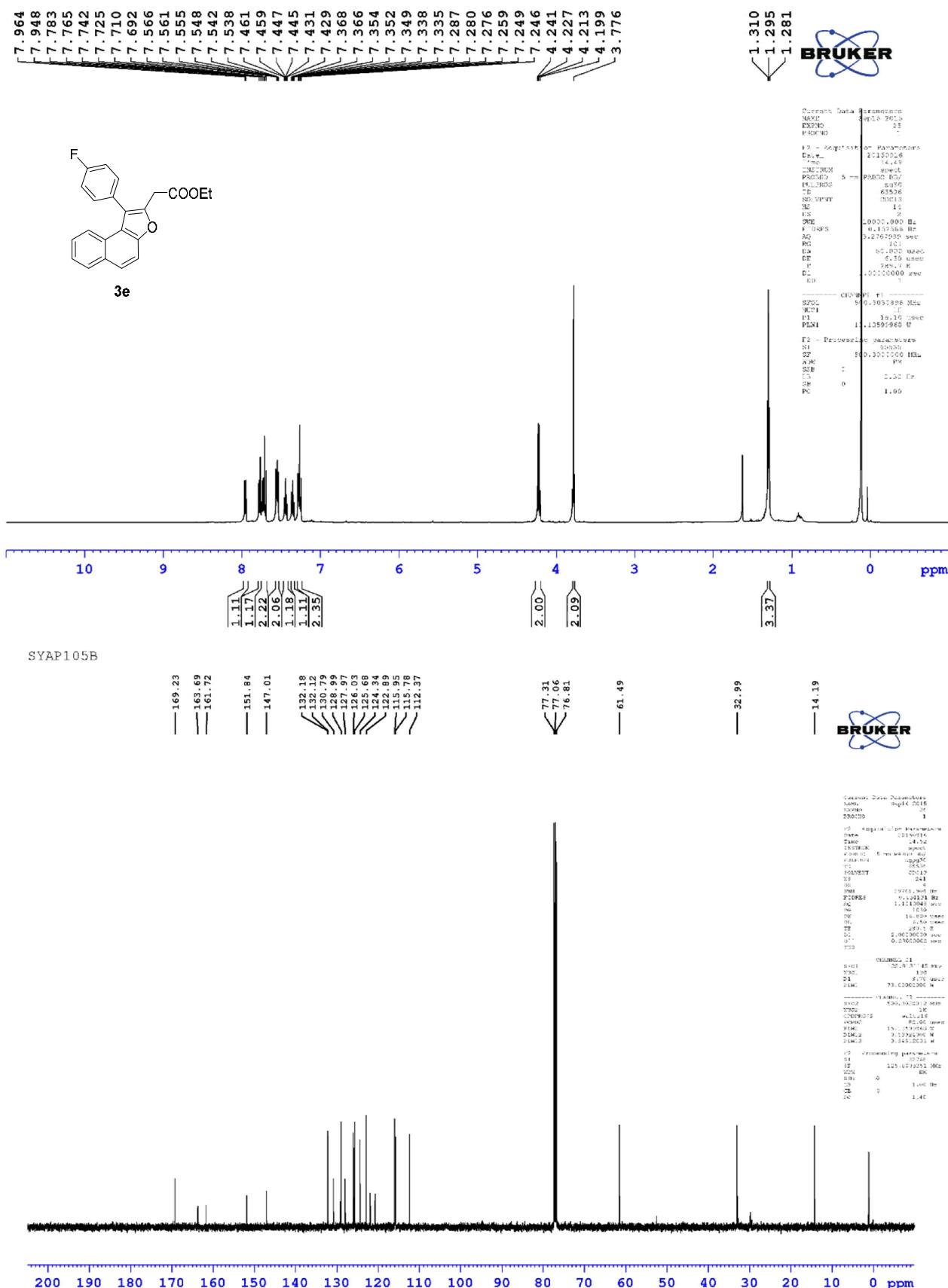


Regioselective cascade synthesis of Naphthofurans



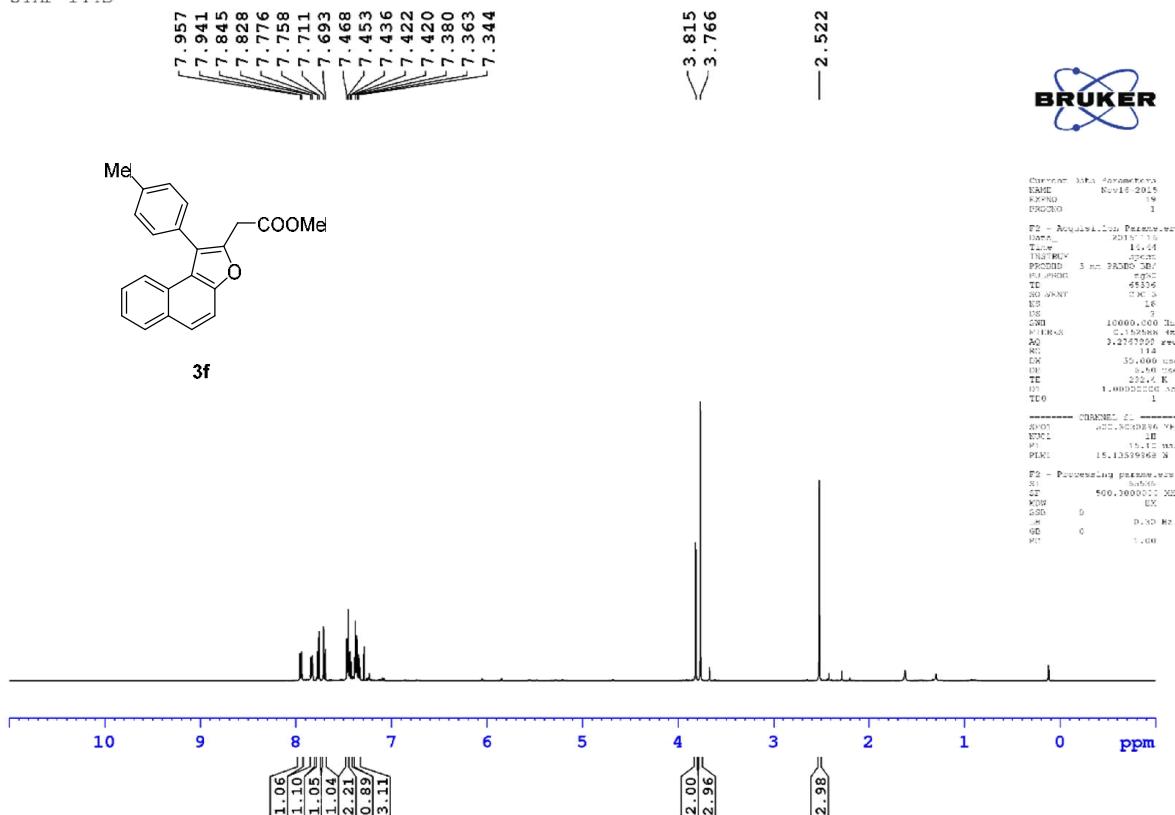
Regioselective cascade synthesis of Naphthofurans

SYAP105B

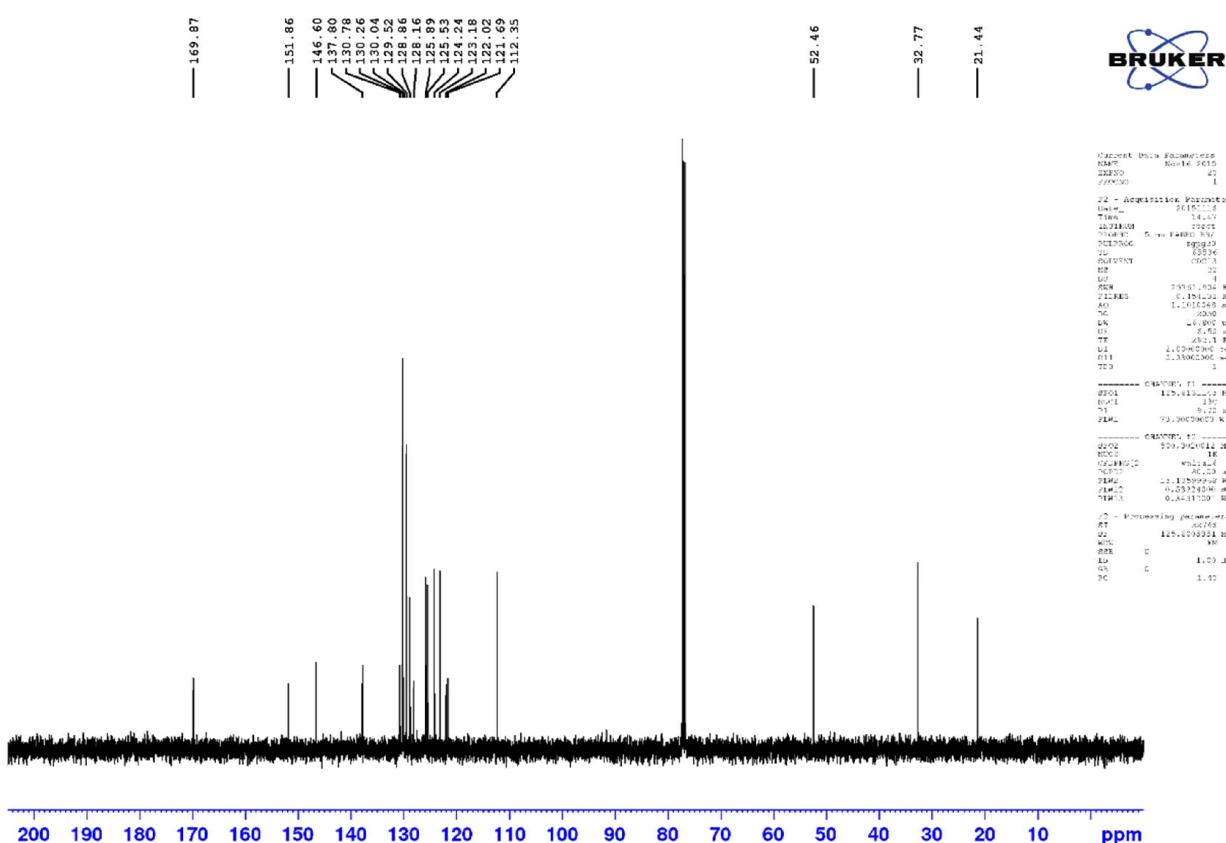


Regioselective cascade synthesis of Naphthofurans

SYAP-144B



SYAP-144B



Regioselective cascade synthesis of Naphthofurans

SYAP143A



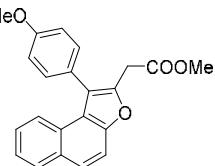
Current Data Parameters
NAME Rev14-2015
EXPNO 33
PROCNO 1

P2 - Acquisition Parameters
Date 20151116
Time 17:22
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SW0 1000.000 Hz
TDRES 3.15238 sec
AQ 3.276399 sec
RG 16°
DW 50.00 usec
DE 6.50 usec
TE 29.922 K
TM 1.000000 sec
TCD 0

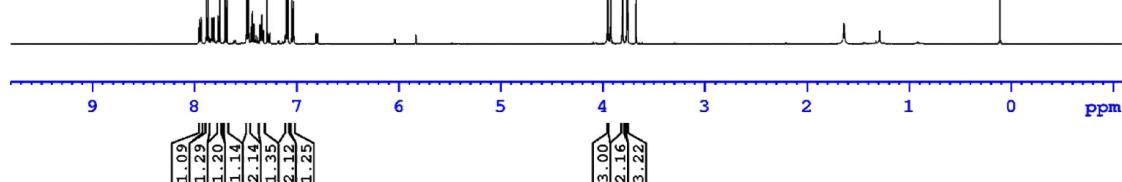
==== CHANNEL f1 ======
SFO1 500.303095 MHz
NUC1 1H
P1 15.00 usec
SI 15.1359968 K

P2 - Processing parameters
SI 65536
SF 500.3000000 MHz
WDW FM
RG 0
DD 0.30 Hz
OB 0
TC 1.00

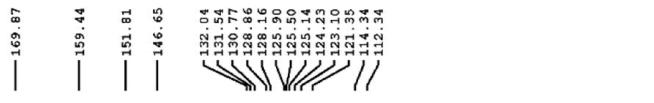
MeO



3g



SYAP143A

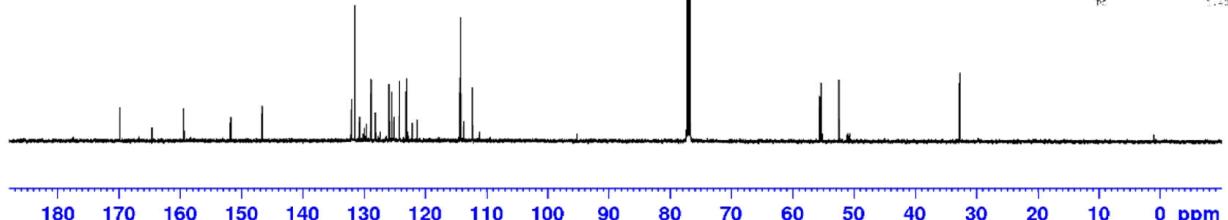


Current Data Parameters
NAME Rev14-2015
SW0 100.000 Hz
TD 65536
PROCNO 1

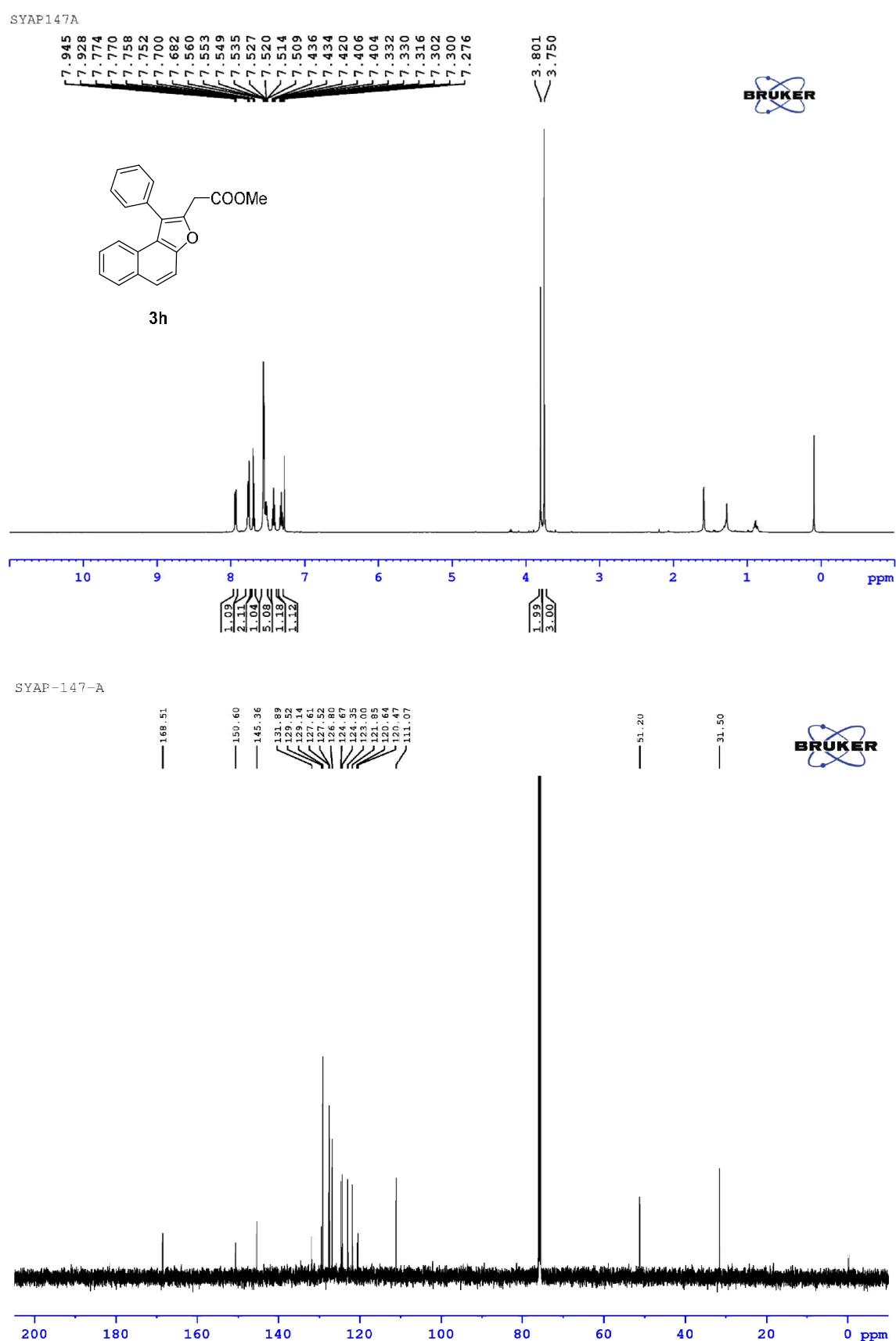
P2 - Acquisition Parameters
Date 20151116
Time 17:22
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT CDCl3
NS 16
DS 2
SW0 77.913000 Hz
TDRES 1.4842148 sec
AQ 1.170648 sec
RG 2°
DW 15.882 usec
DE 1.000 usec
TE 29.922 K
TM 1.000000 sec
TCD 0
TCDI 1

==== CHANNEL f1 ======
SFO1 125.8152345 MHz
NUC1 13C
P1 12.50 usec
SI 125.1050000 K

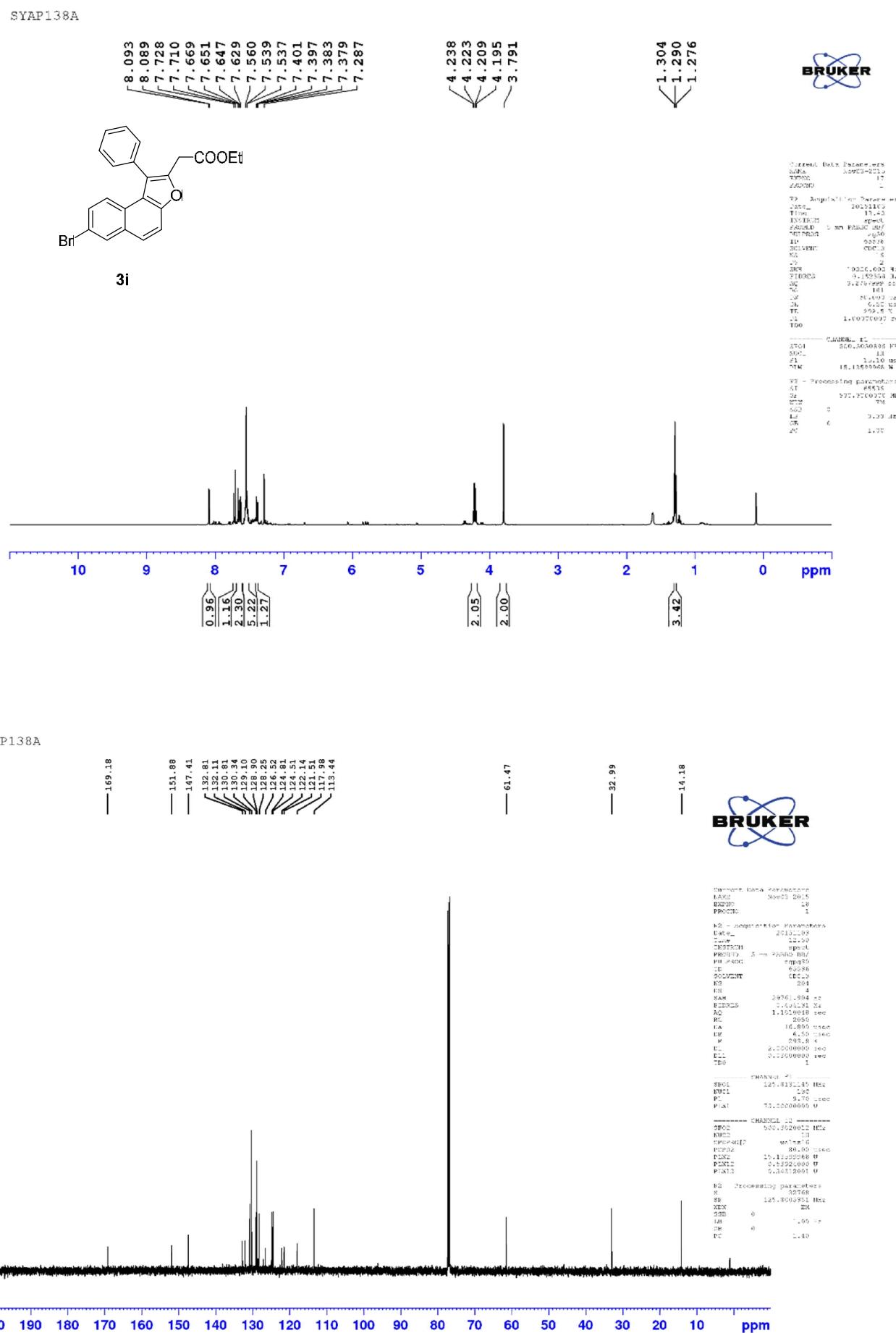
P2 - Processing parameters
SI 65536
SF 125.8152342 Hz
WDW FID
RG 1.000000 sec
DE 1.000 sec
TM 1.000000 sec
OB 0
TC 1.00



Regioselective cascade synthesis of Naphthofurans

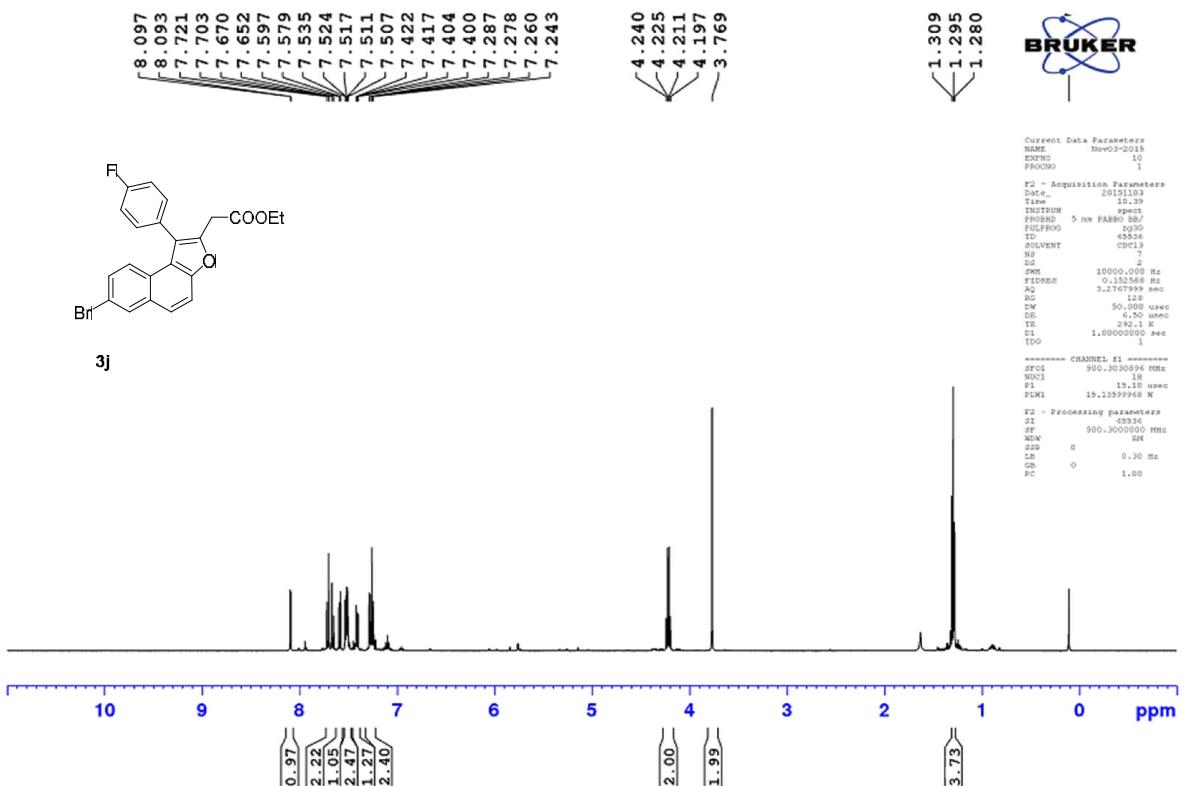


Regioselective cascade synthesis of Naphthofurans

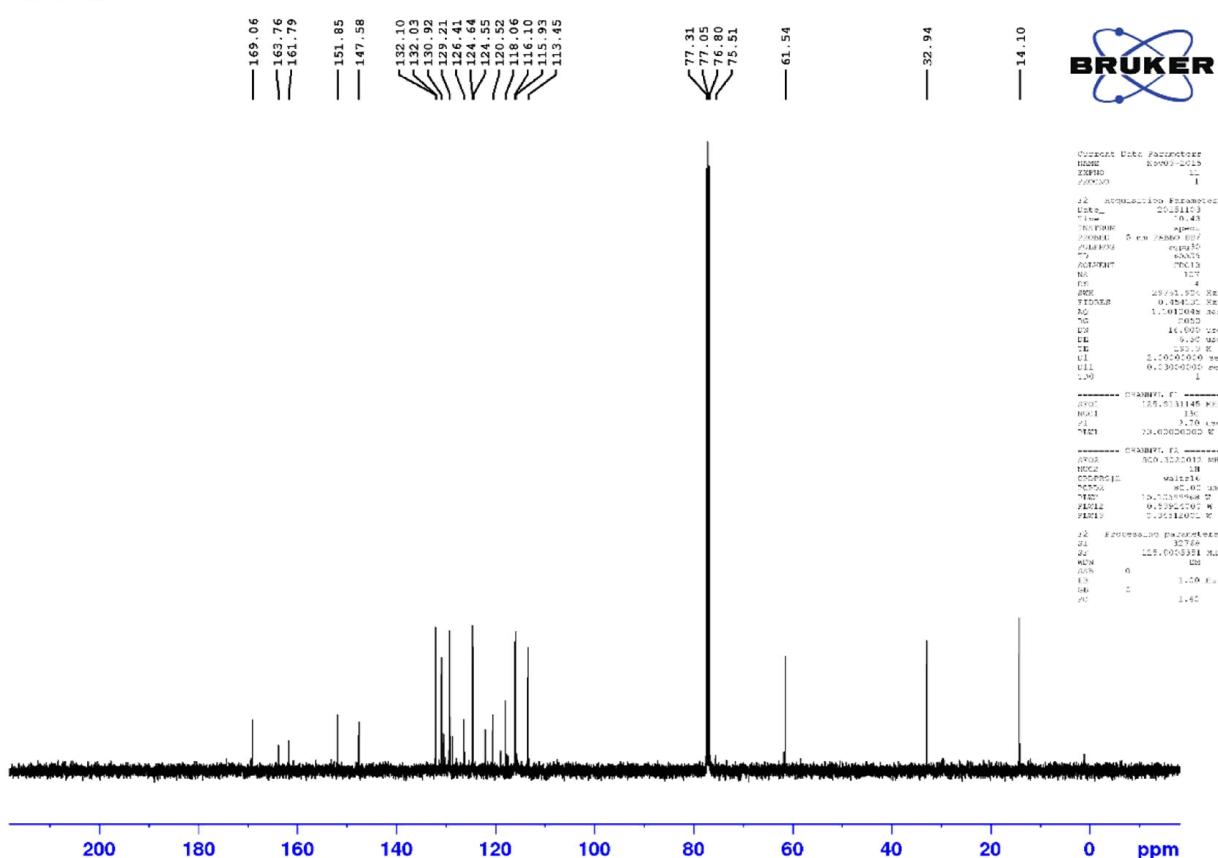


Regioselective cascade synthesis of Naphthofurans

SYAP138B

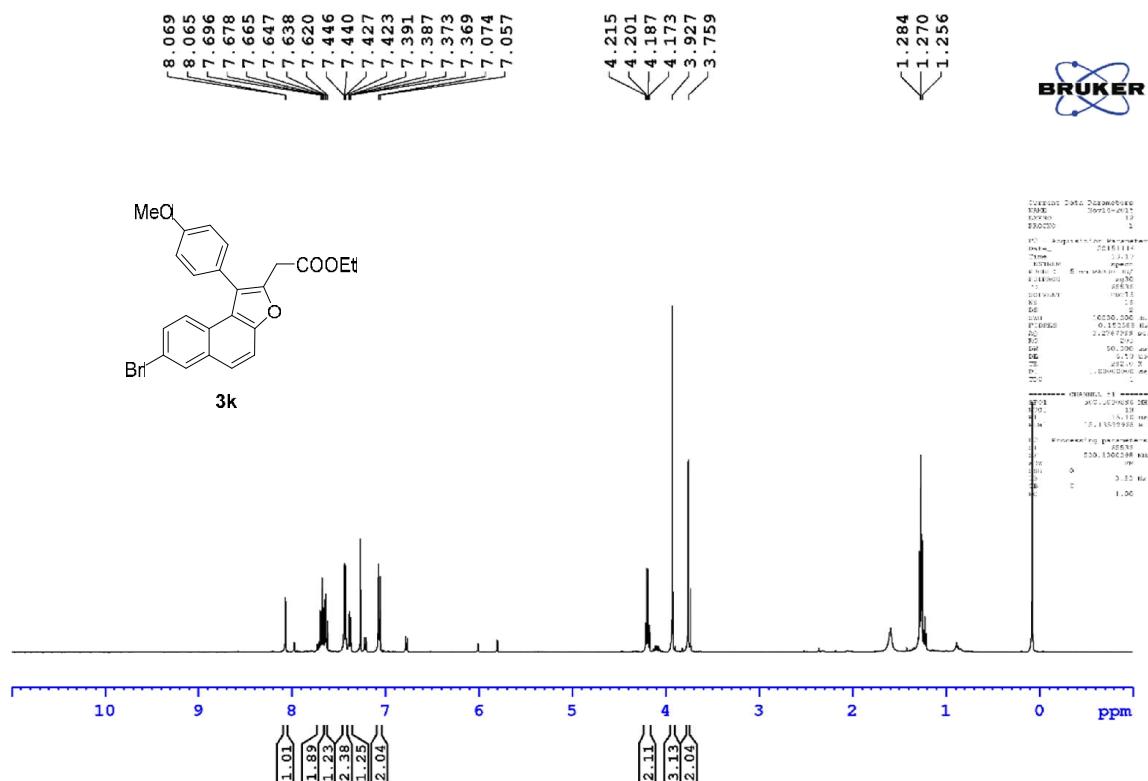


SYAP138B

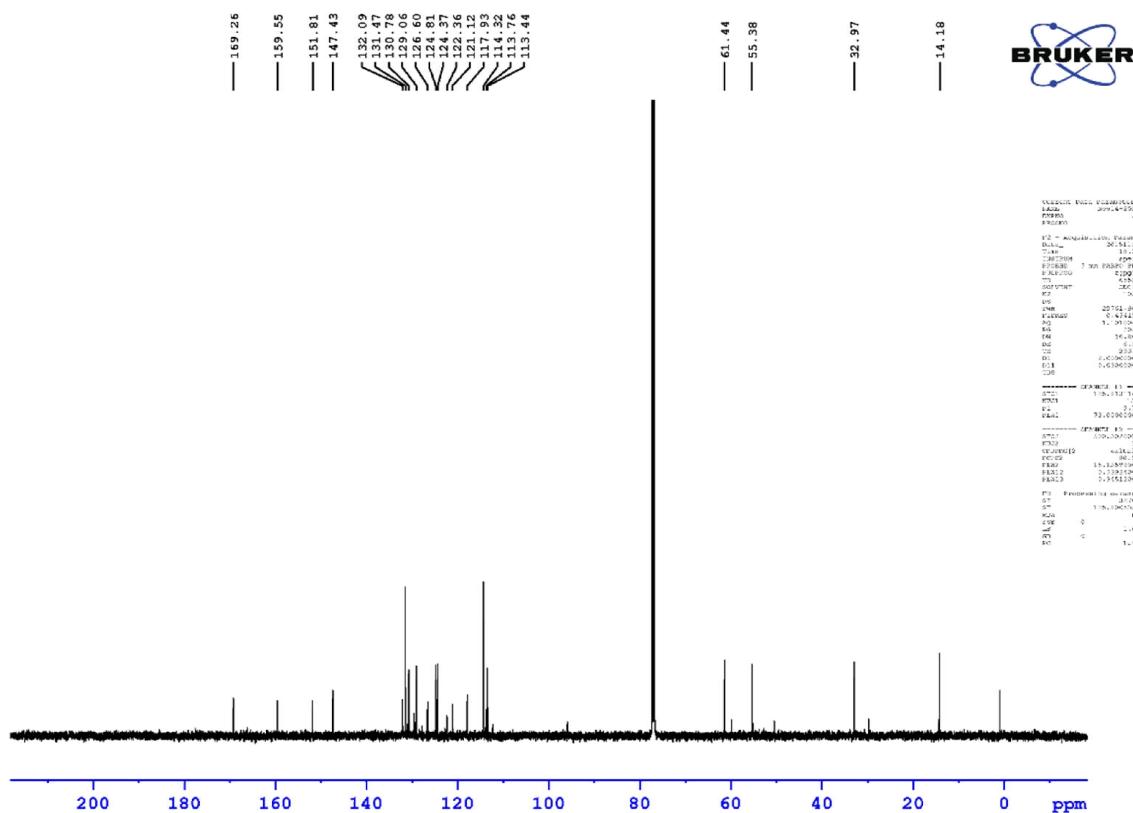


Regioselective cascade synthesis of Naphthofurans

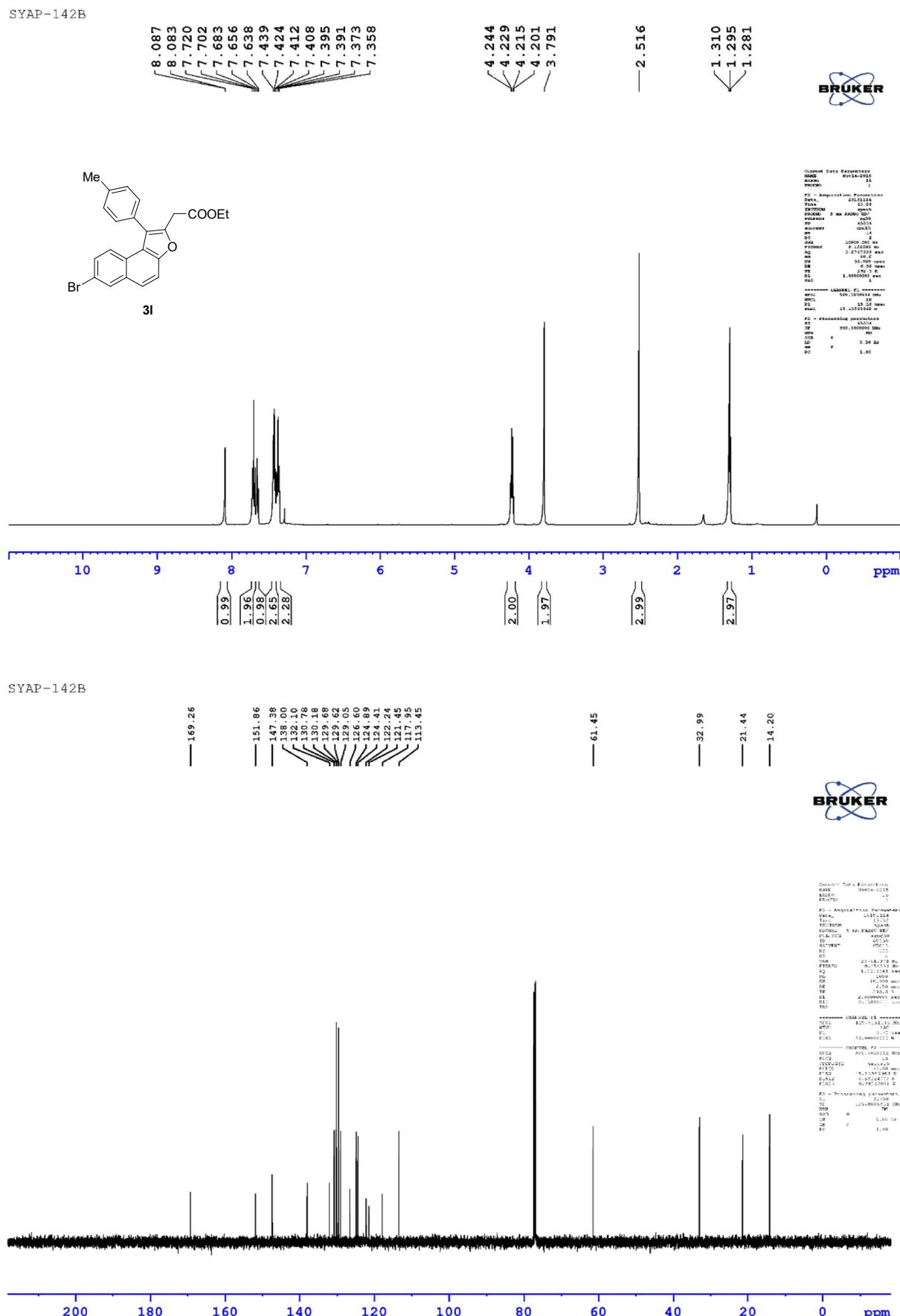
SYAP-142A



SYAP-142A

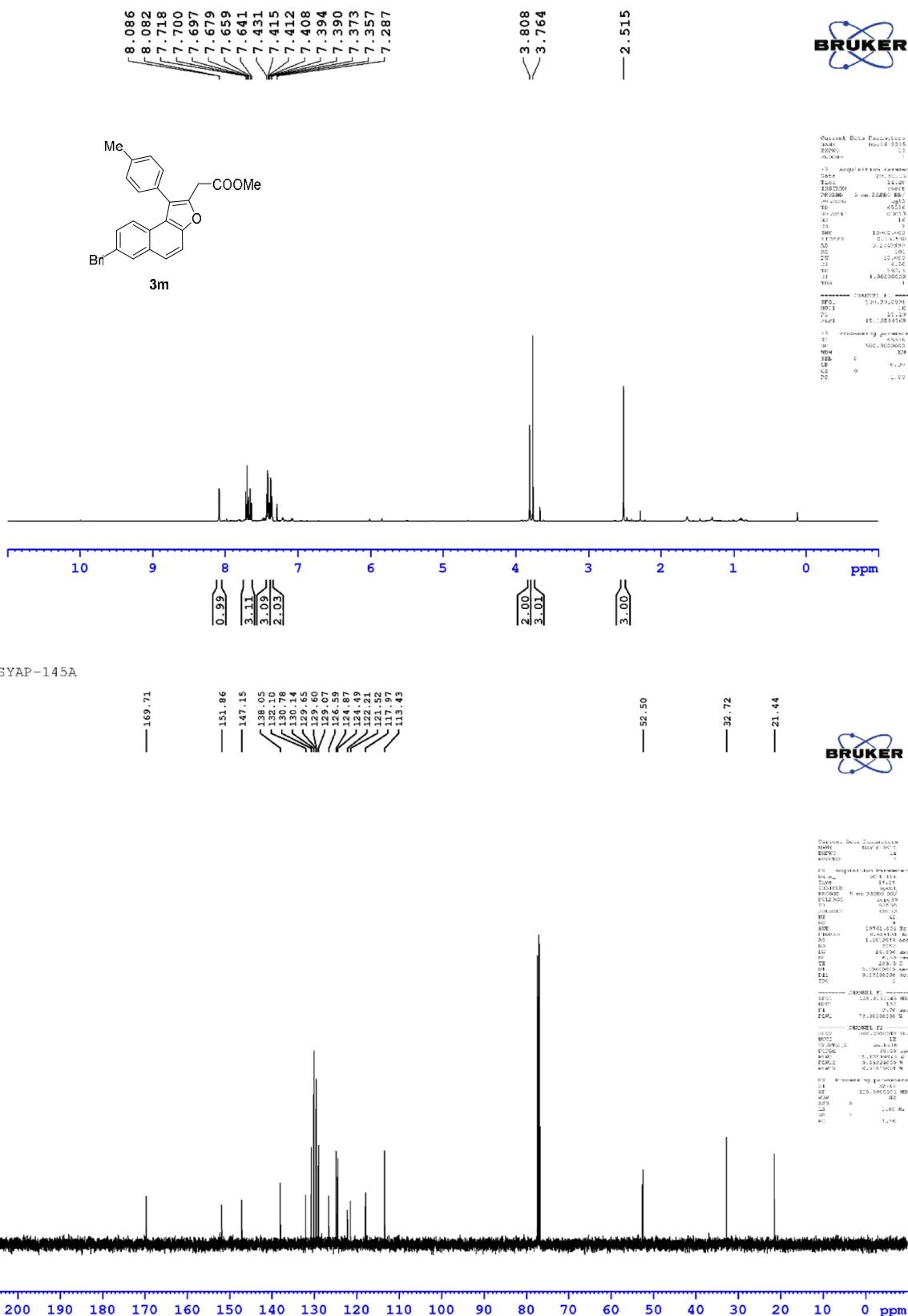


Regioselective cascade synthesis of Naphthofurans



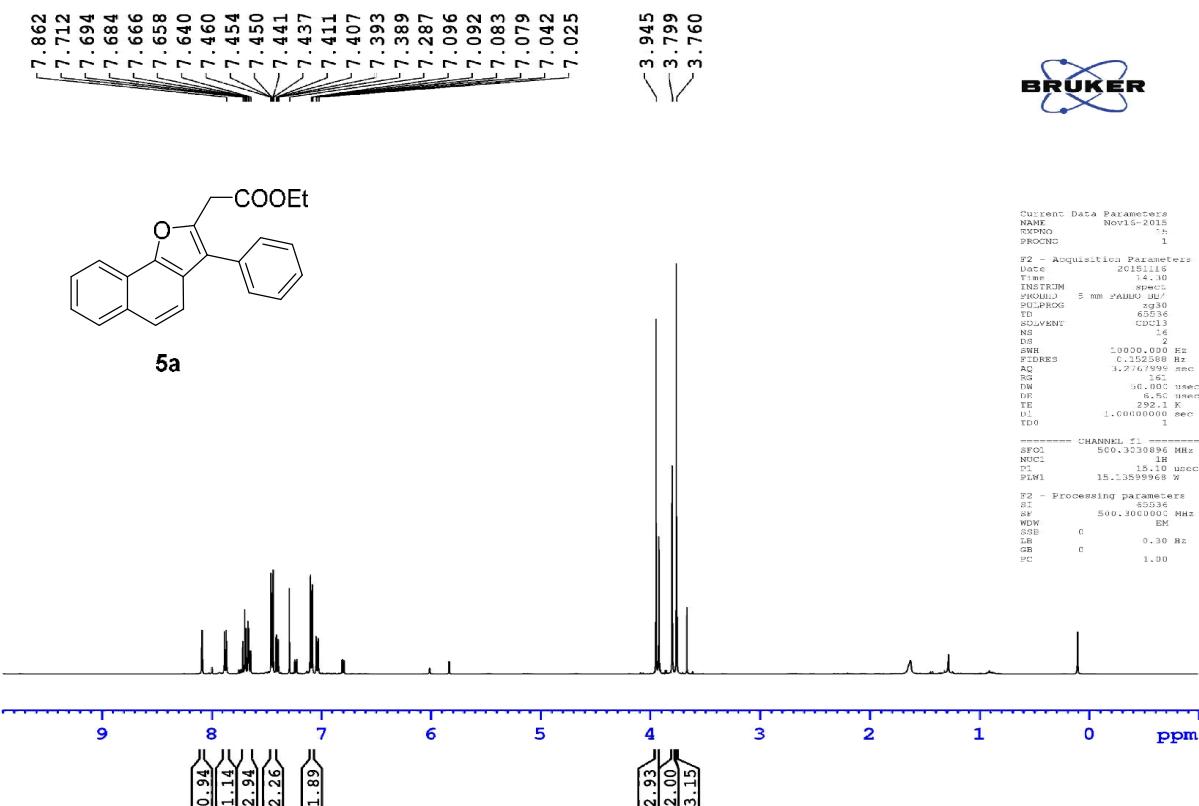
Regioselective cascade synthesis of Naphthofurans

SYAP-145A

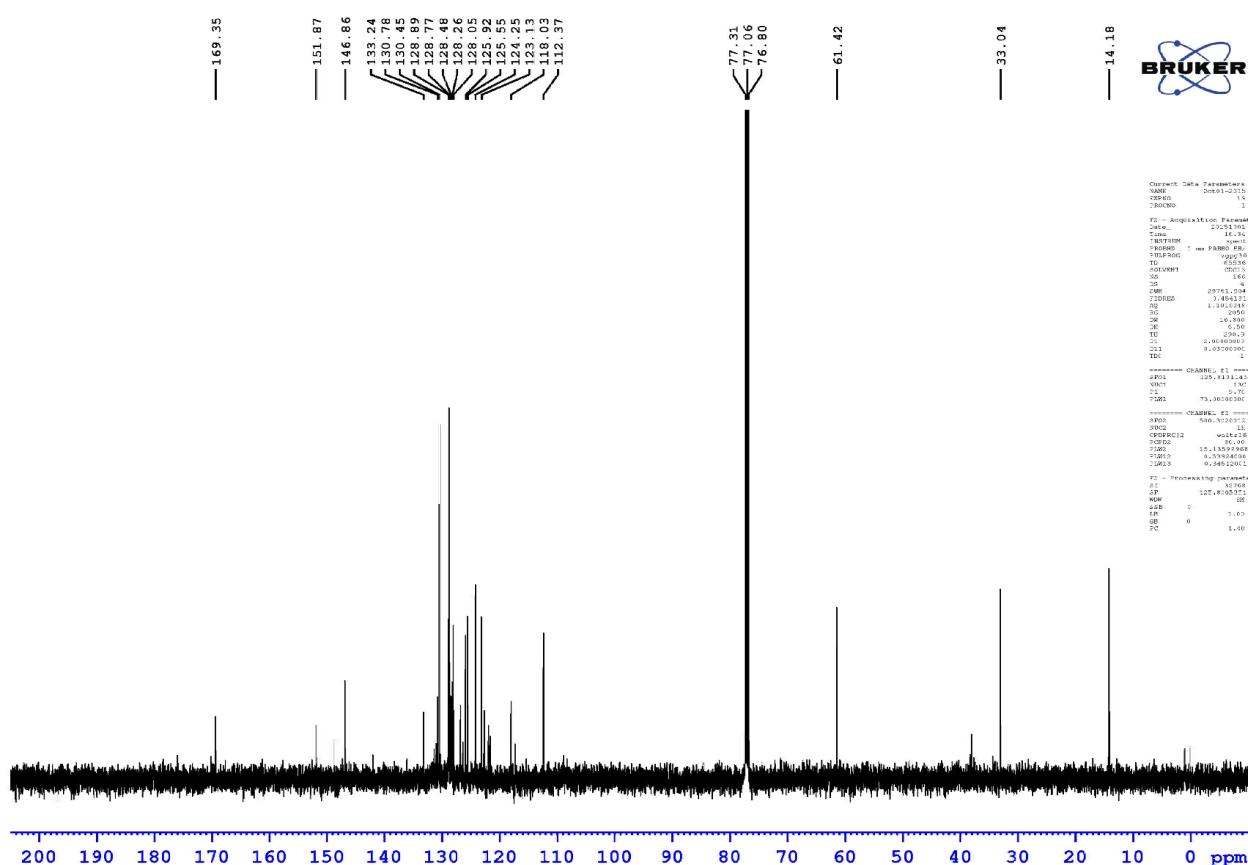


Regioselective cascade synthesis of Naphthofurans

SYAP-145B

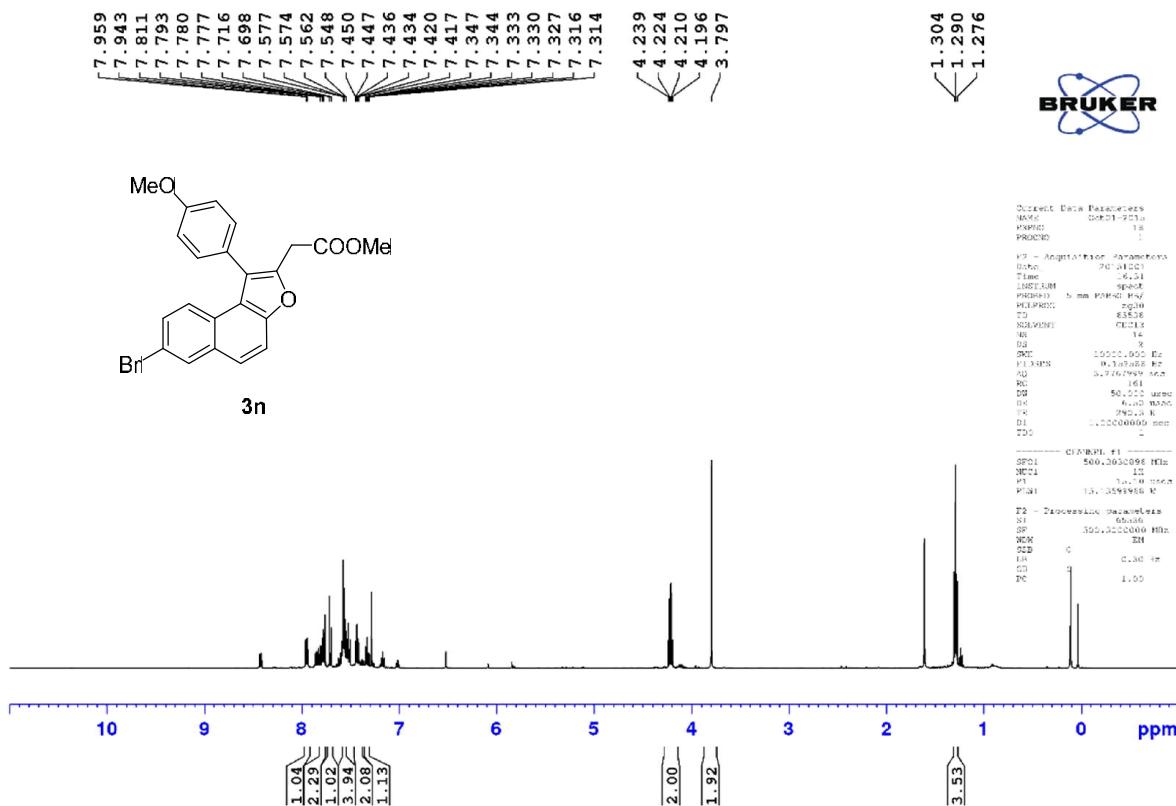


SYAP112A

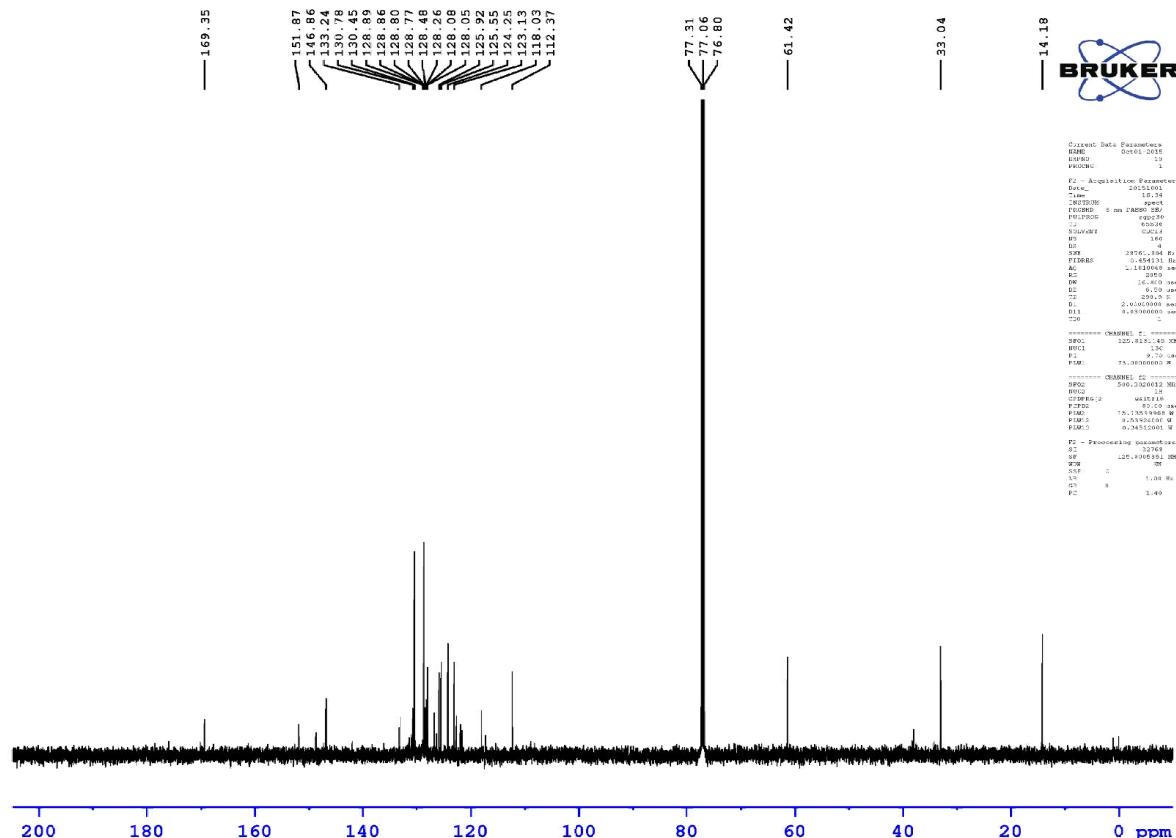


Regioselective cascade synthesis of Naphthofurans

SYAP112A

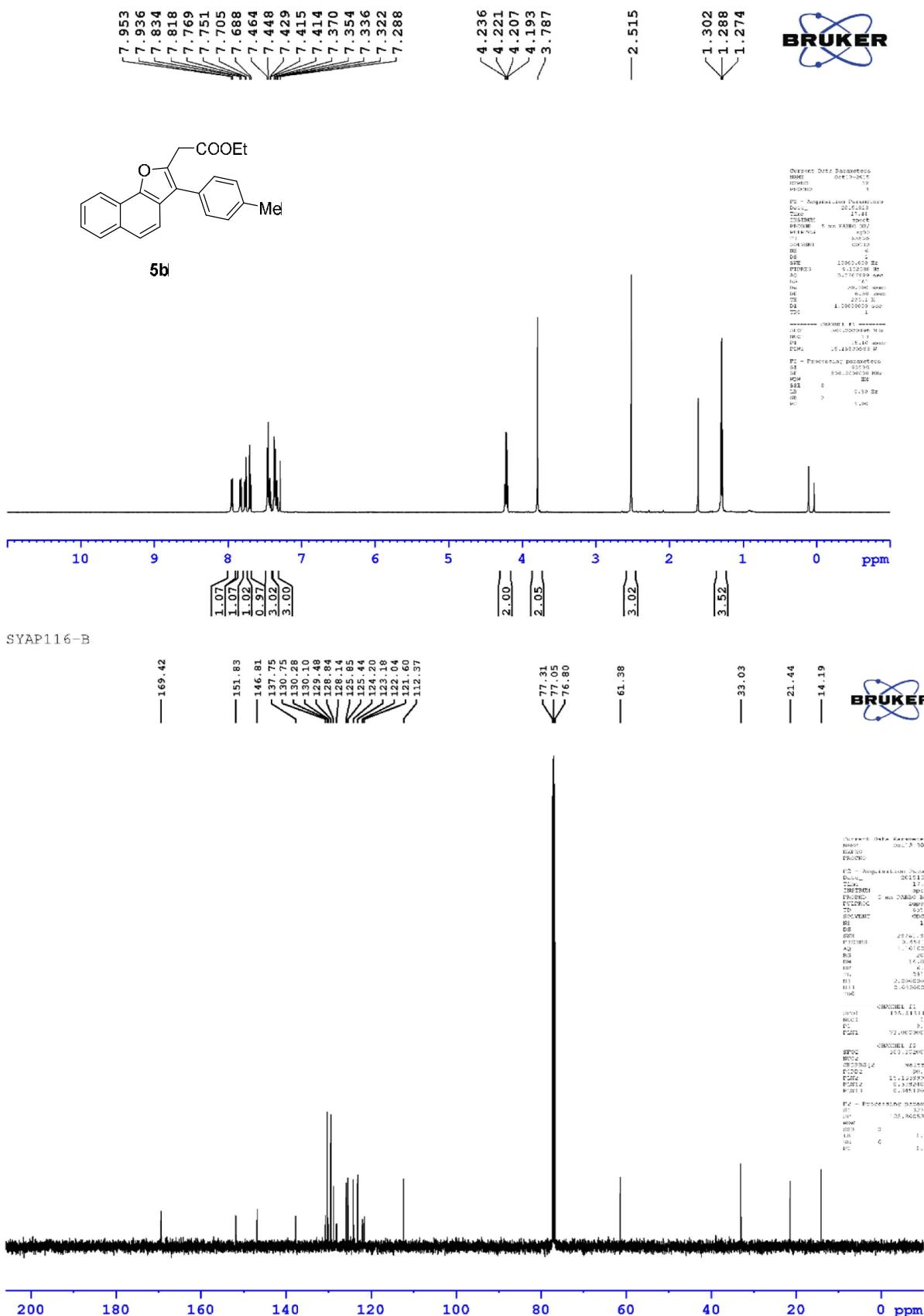


SYAP112A



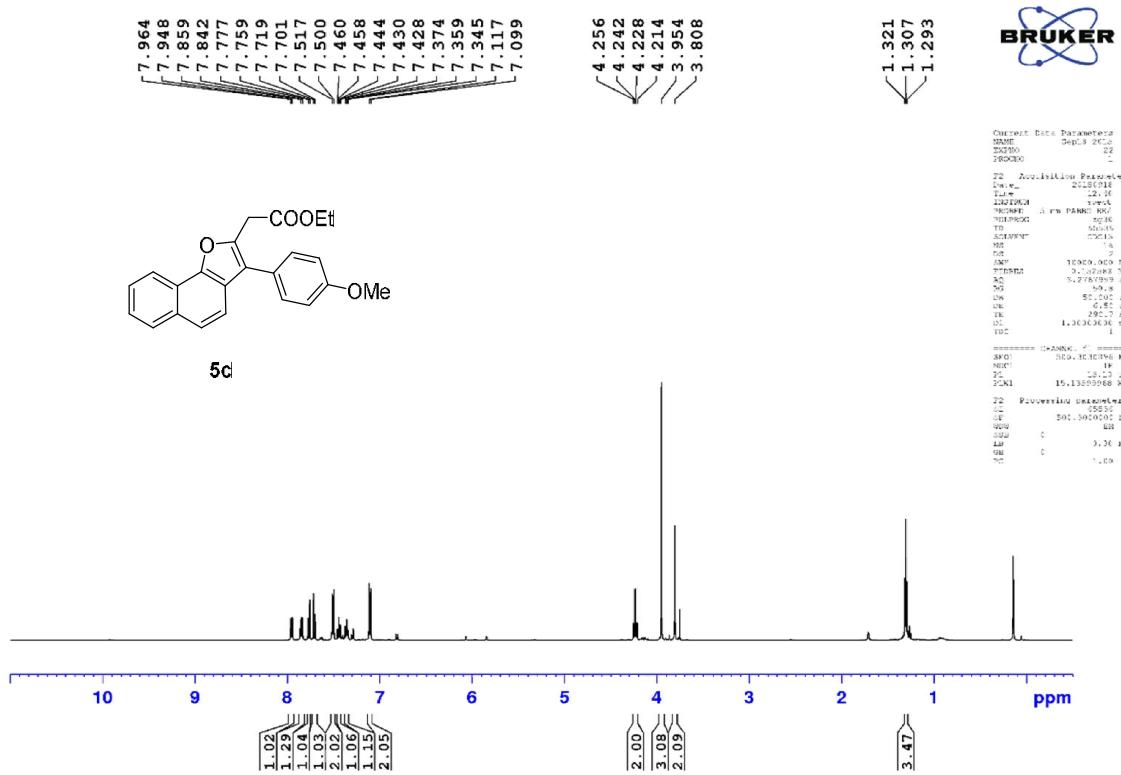
Regioselective cascade synthesis of Naphthofurans

SYAP-116B

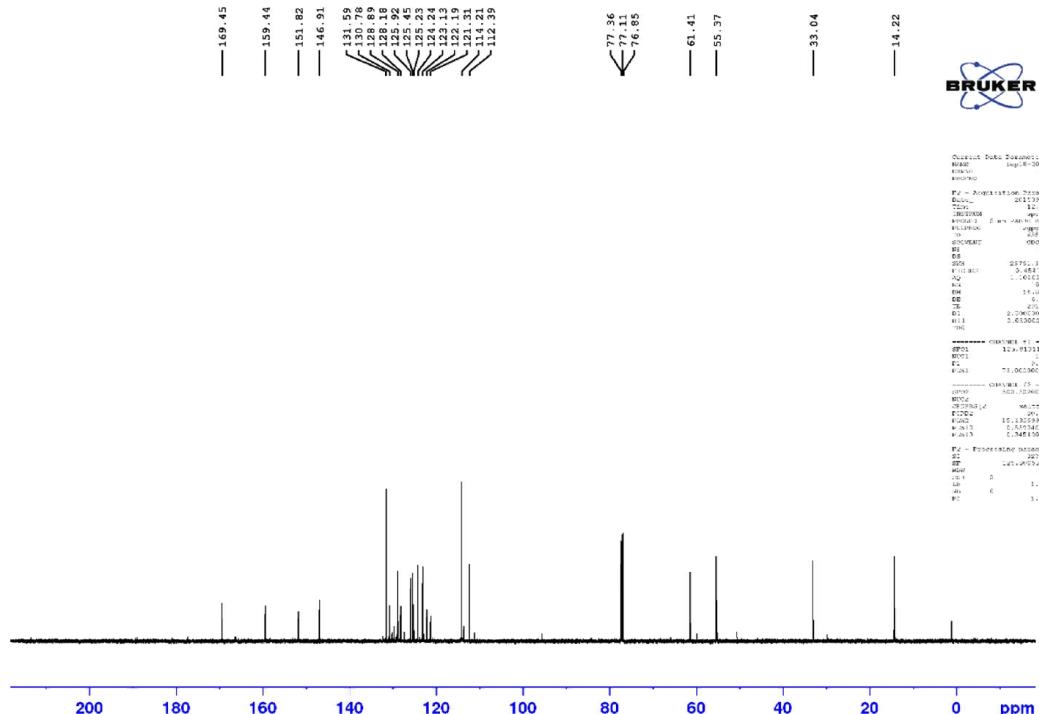


Regioselective cascade synthesis of Naphthofurans

SYAP108A

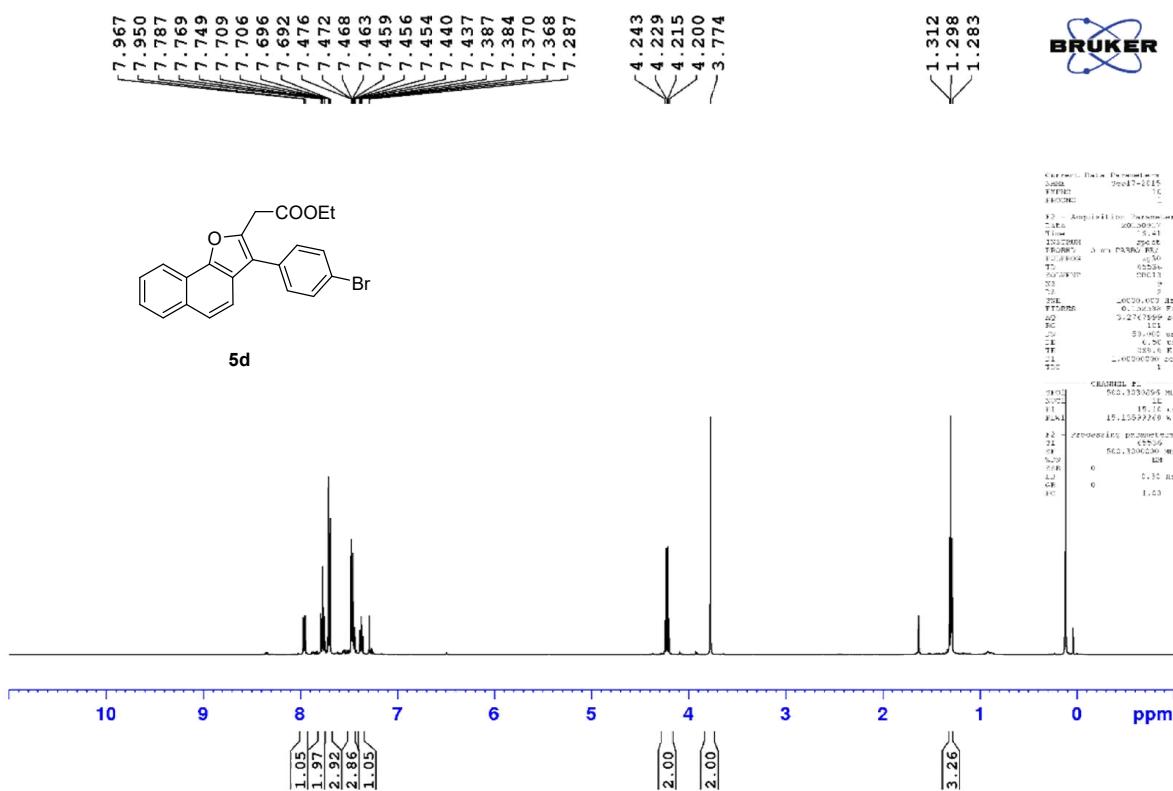


SYAP108A

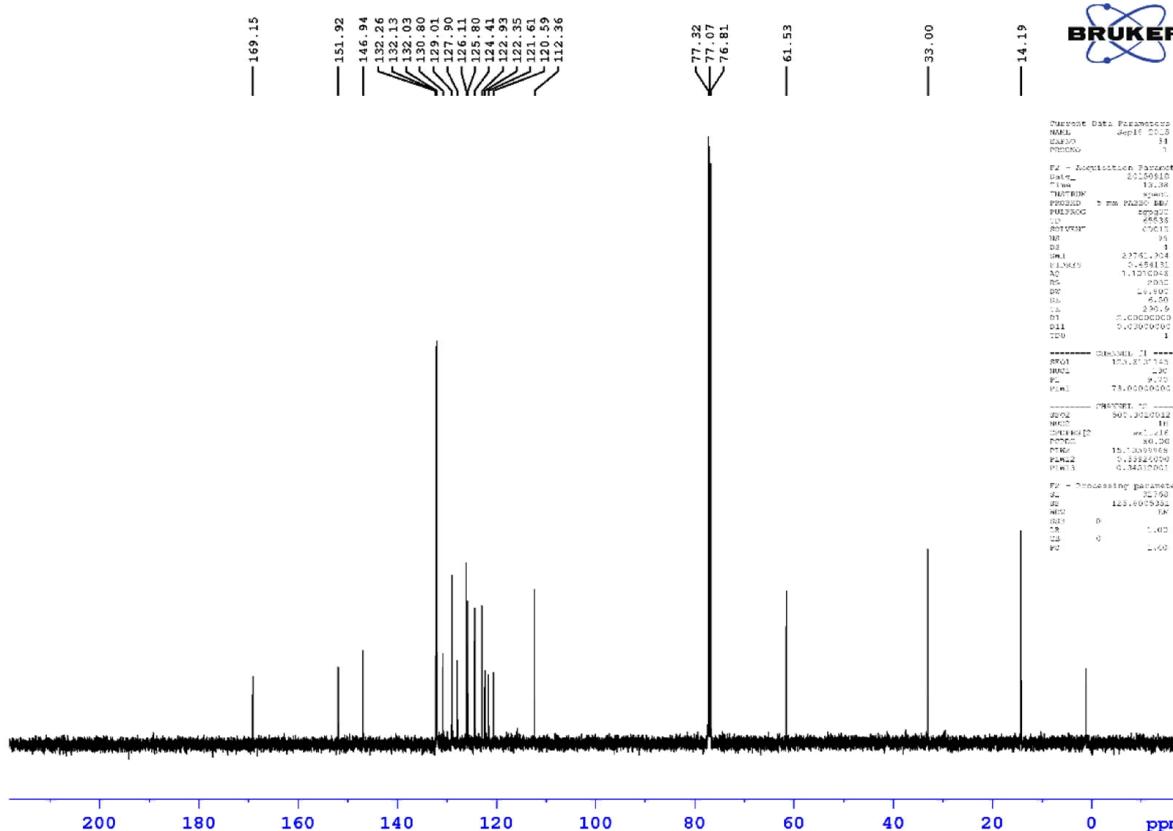


Regioselective cascade synthesis of Naphthofurans

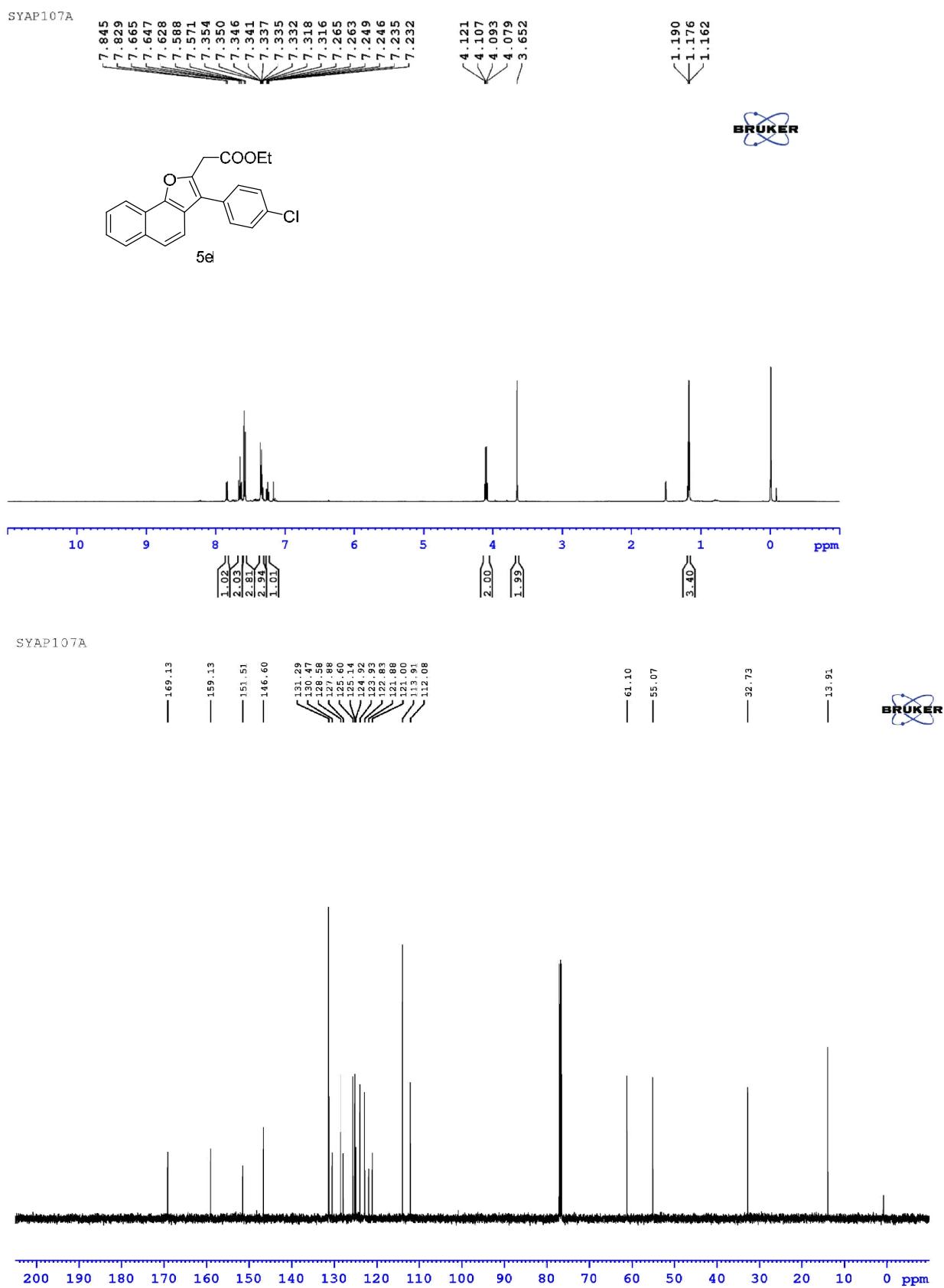
SYAP107B



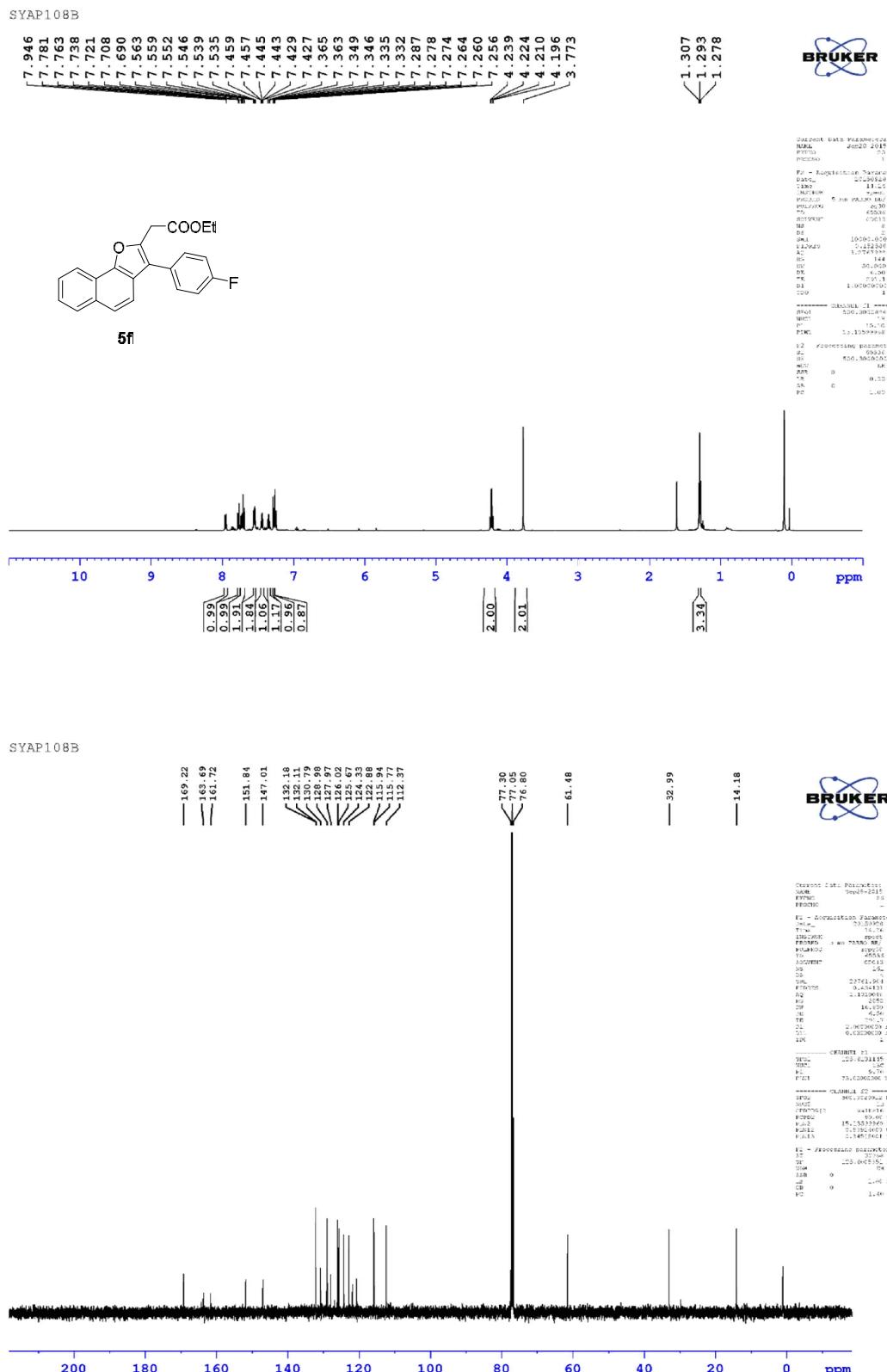
SYAP107B



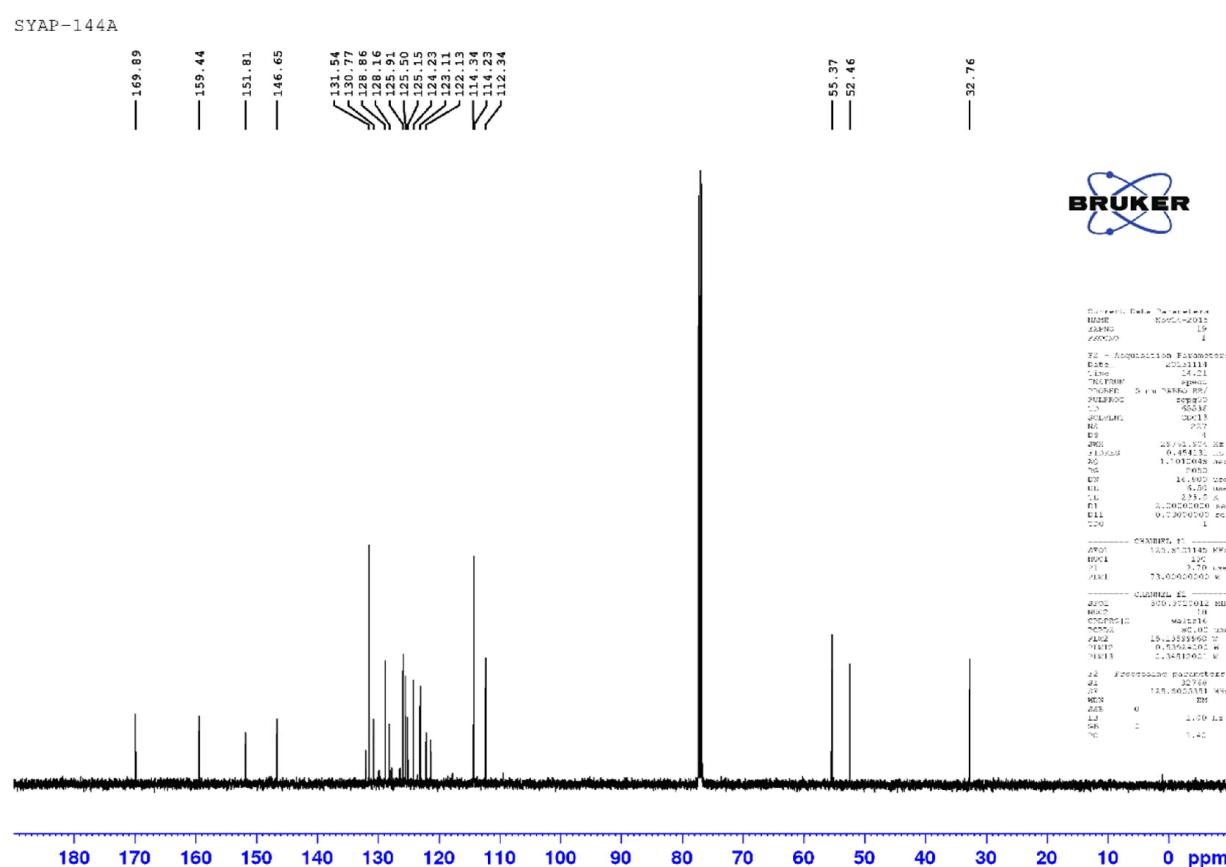
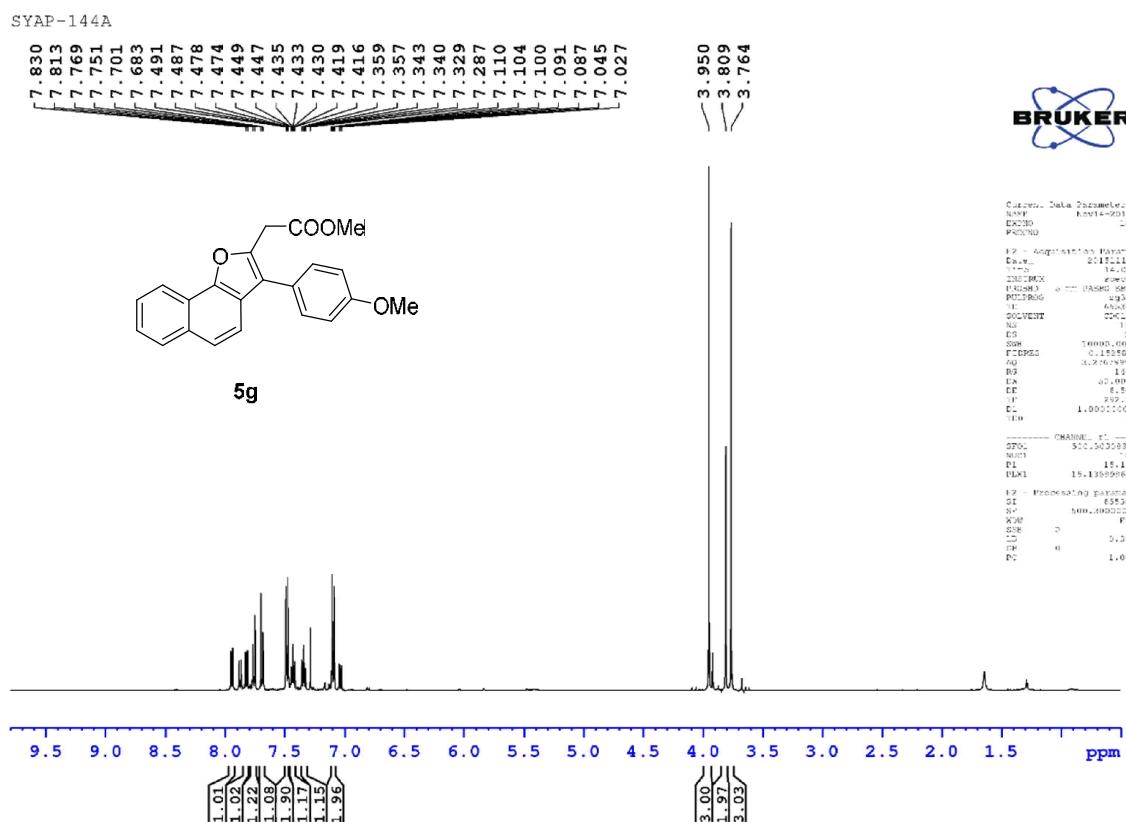
Regioselective cascade synthesis of Naphthofurans



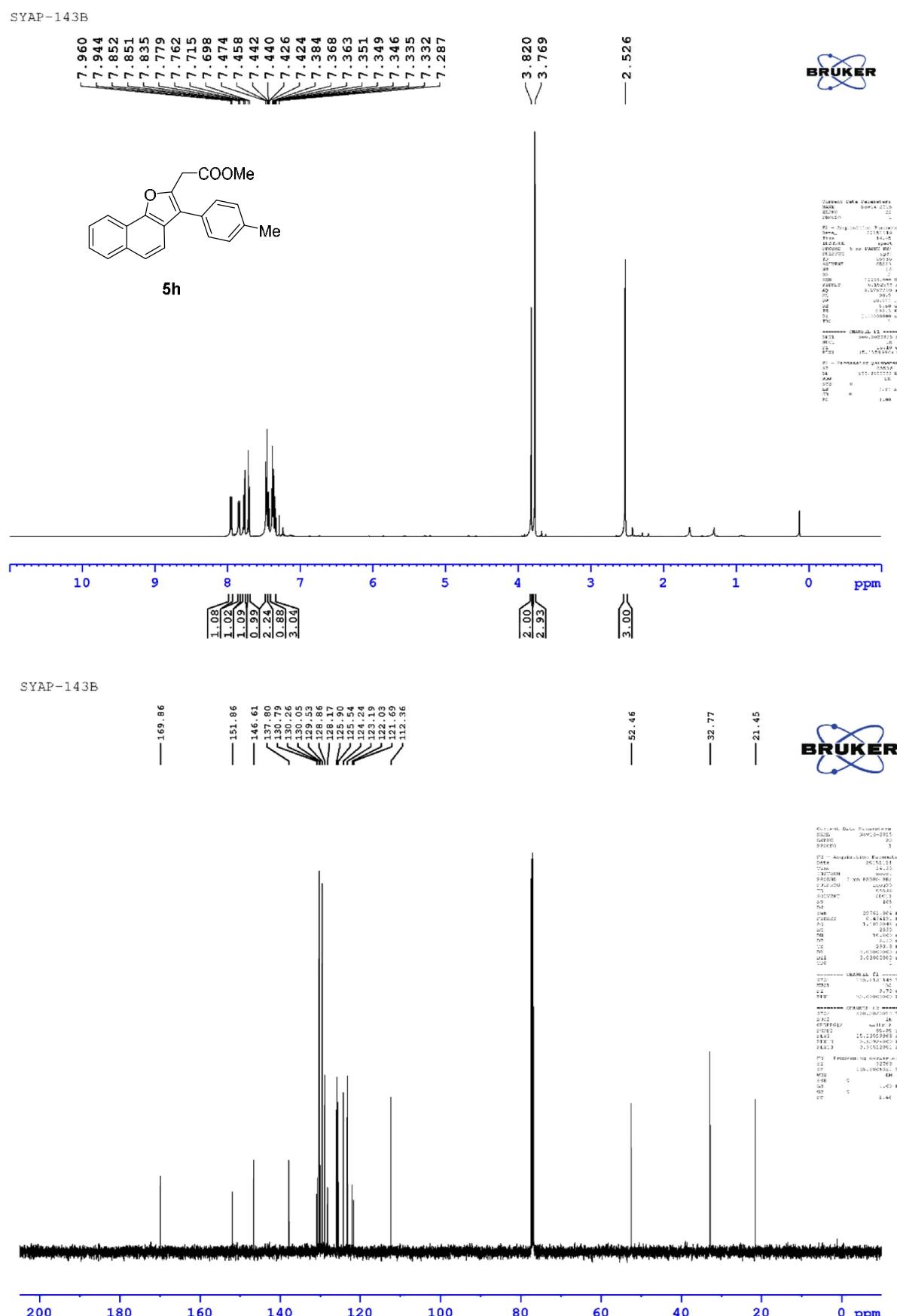
Regioselective cascade synthesis of Naphthofurans



Regioselective cascade synthesis of Naphthofurans

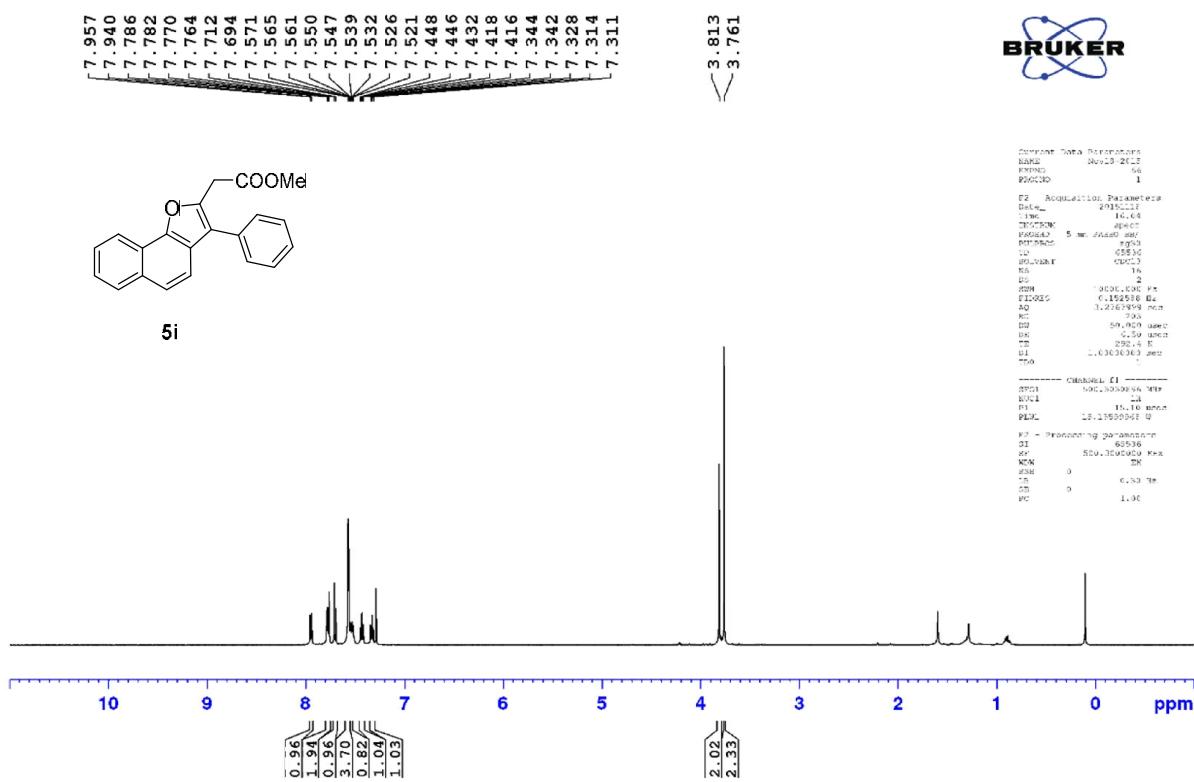


Regioselective cascade synthesis of Naphthofurans

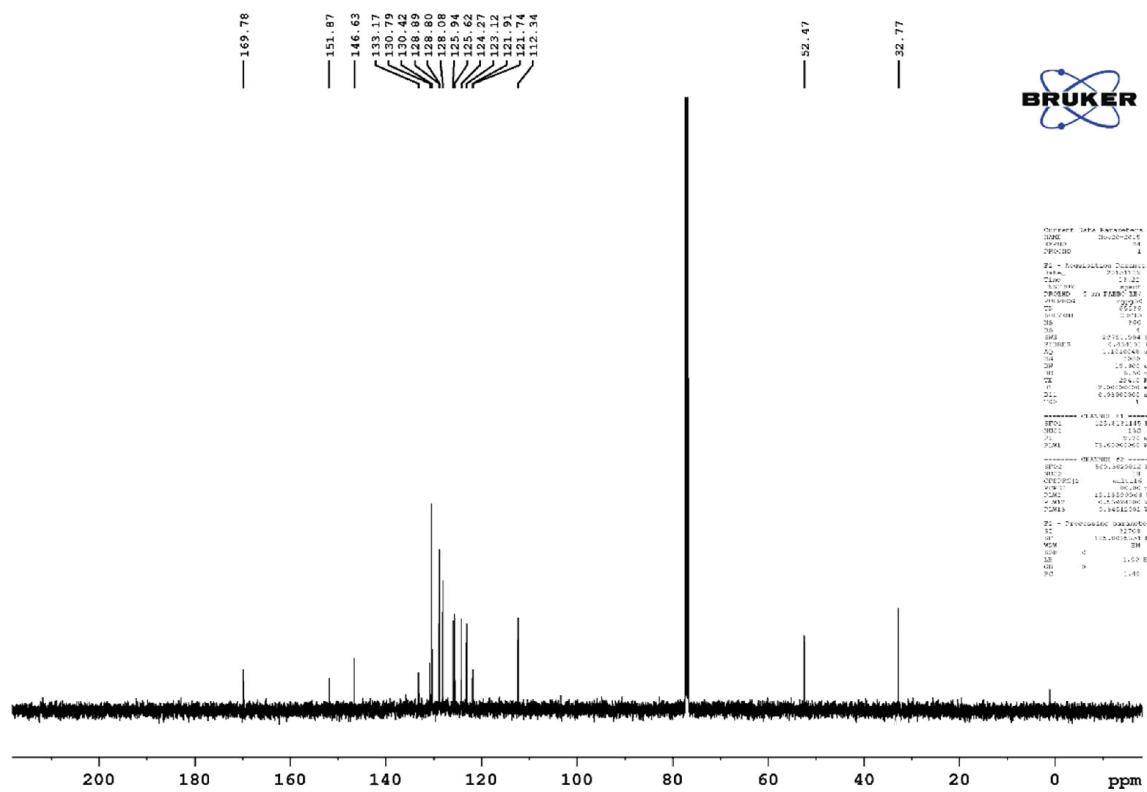


Regioselective cascade synthesis of Naphthofurans

SYAP147A

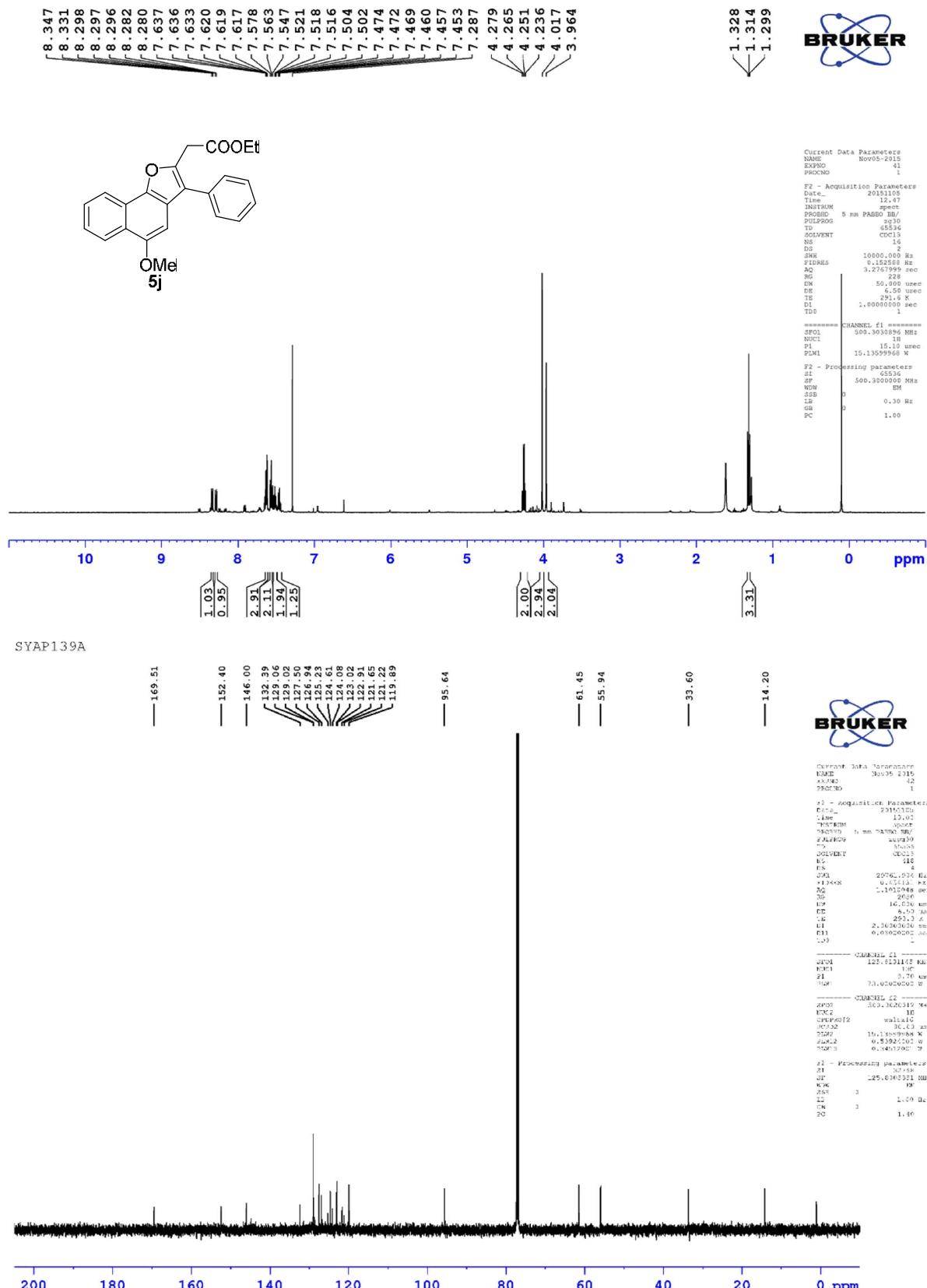


SYAP-147-A

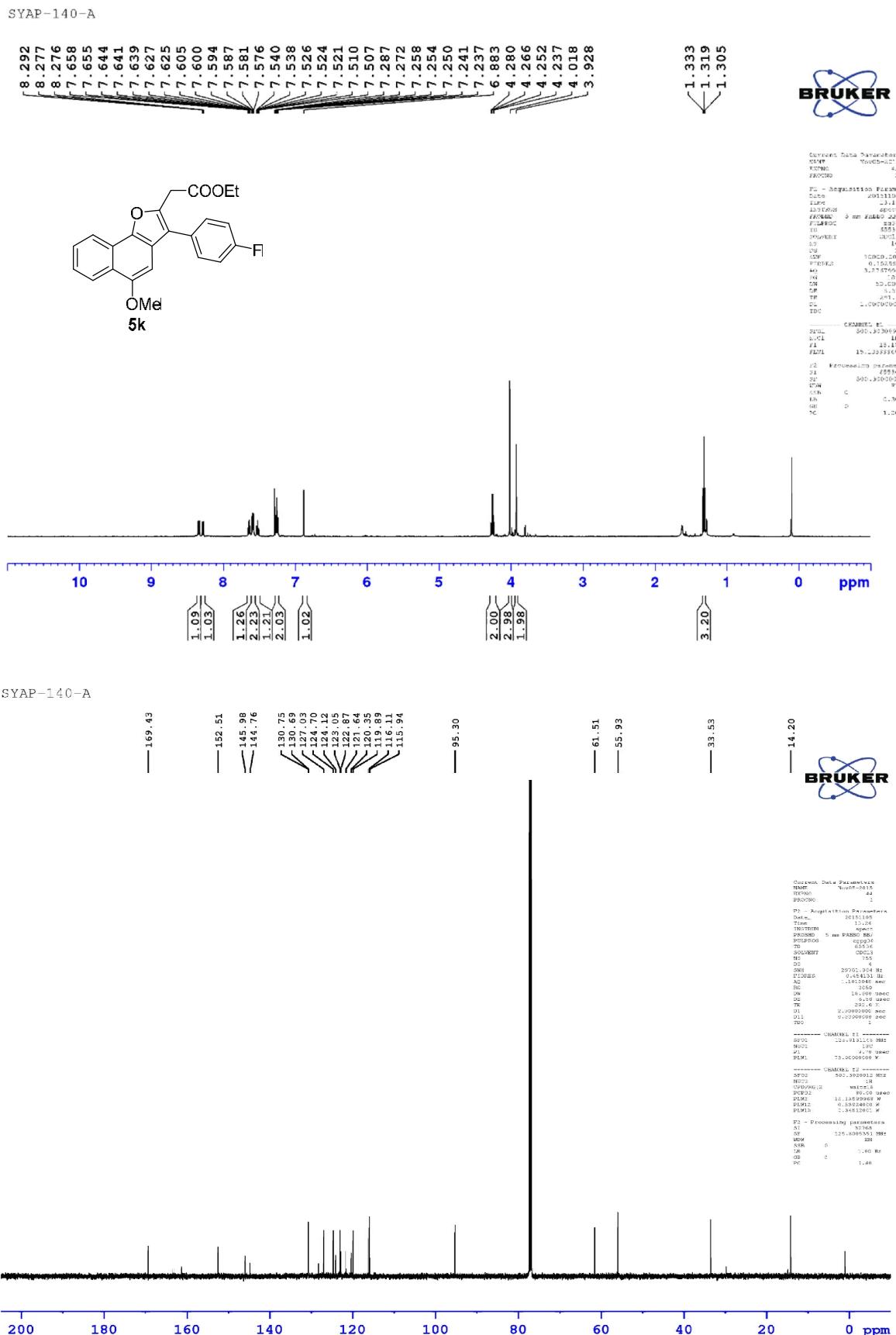


Regioselective cascade synthesis of Naphthofurans

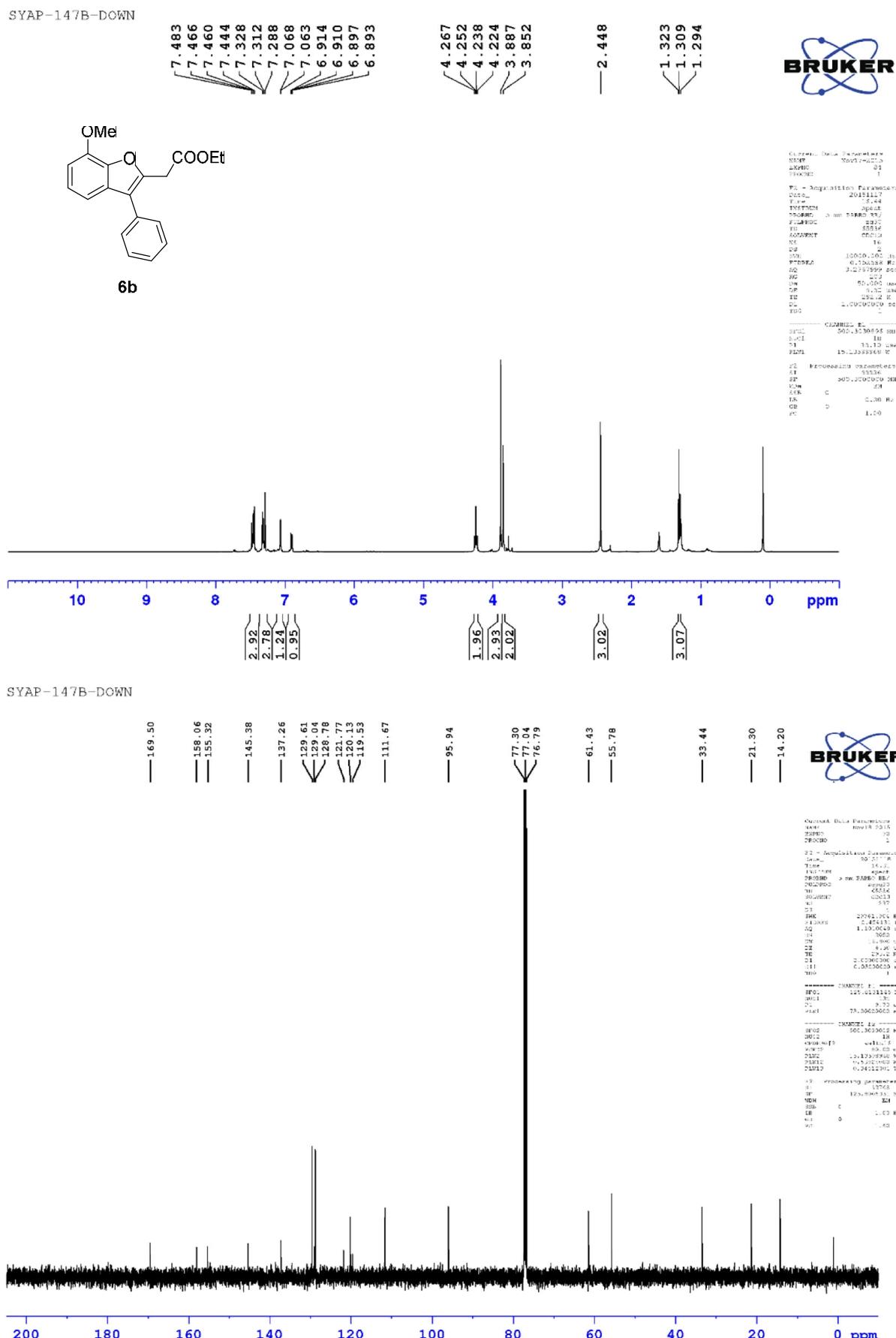
SYAP139A



Regioselective cascade synthesis of Naphthofurans

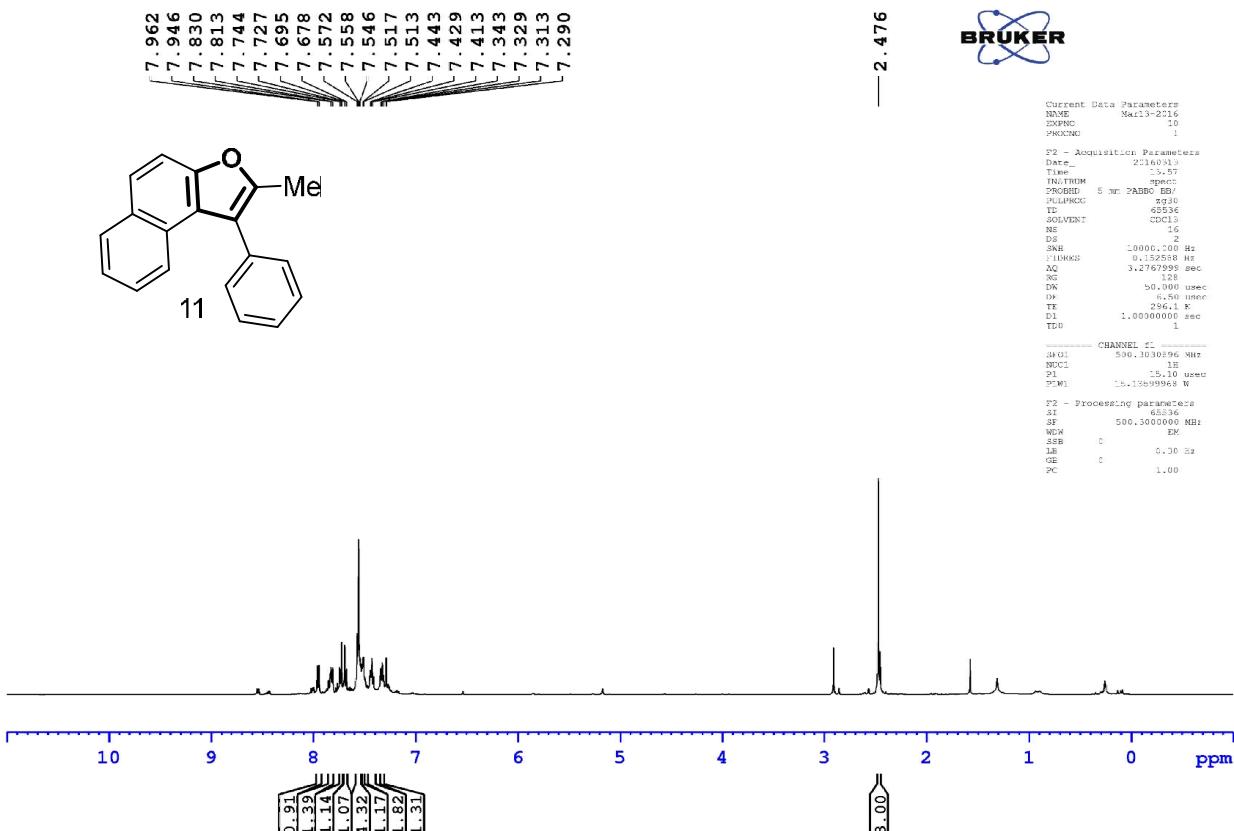


Regioselective cascade synthesis of Naphthofurans

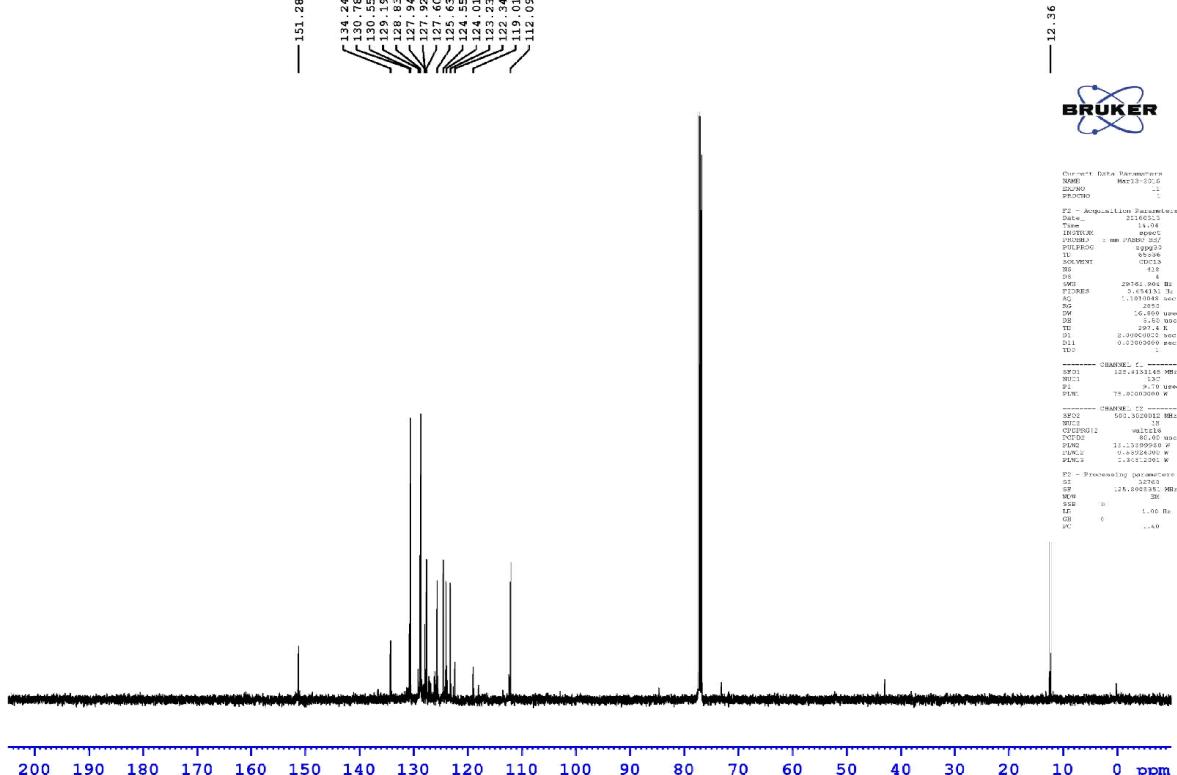


Regioselective cascade synthesis of Naphthofurans

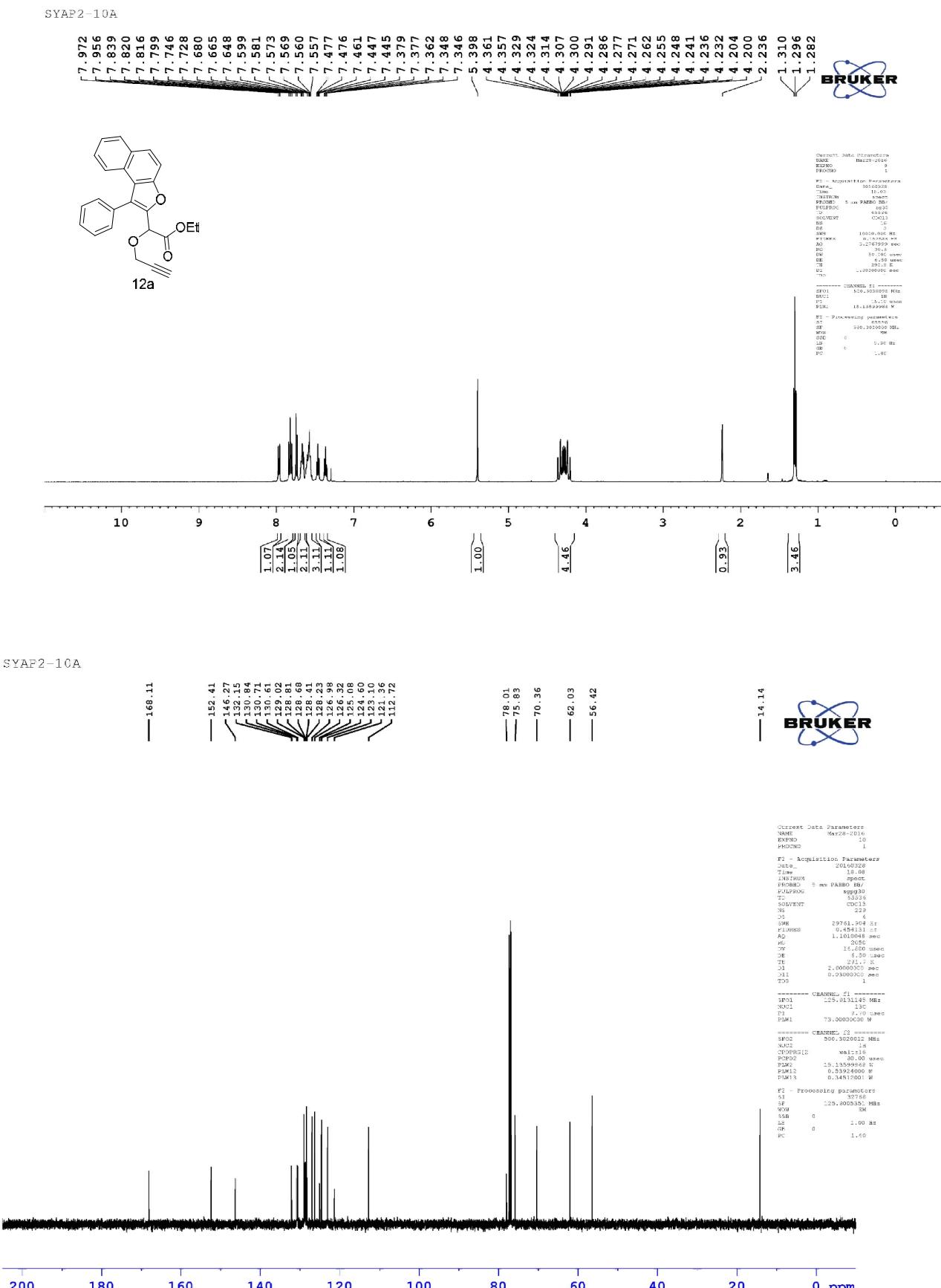
SYRK2-11A



SYRK2-11A

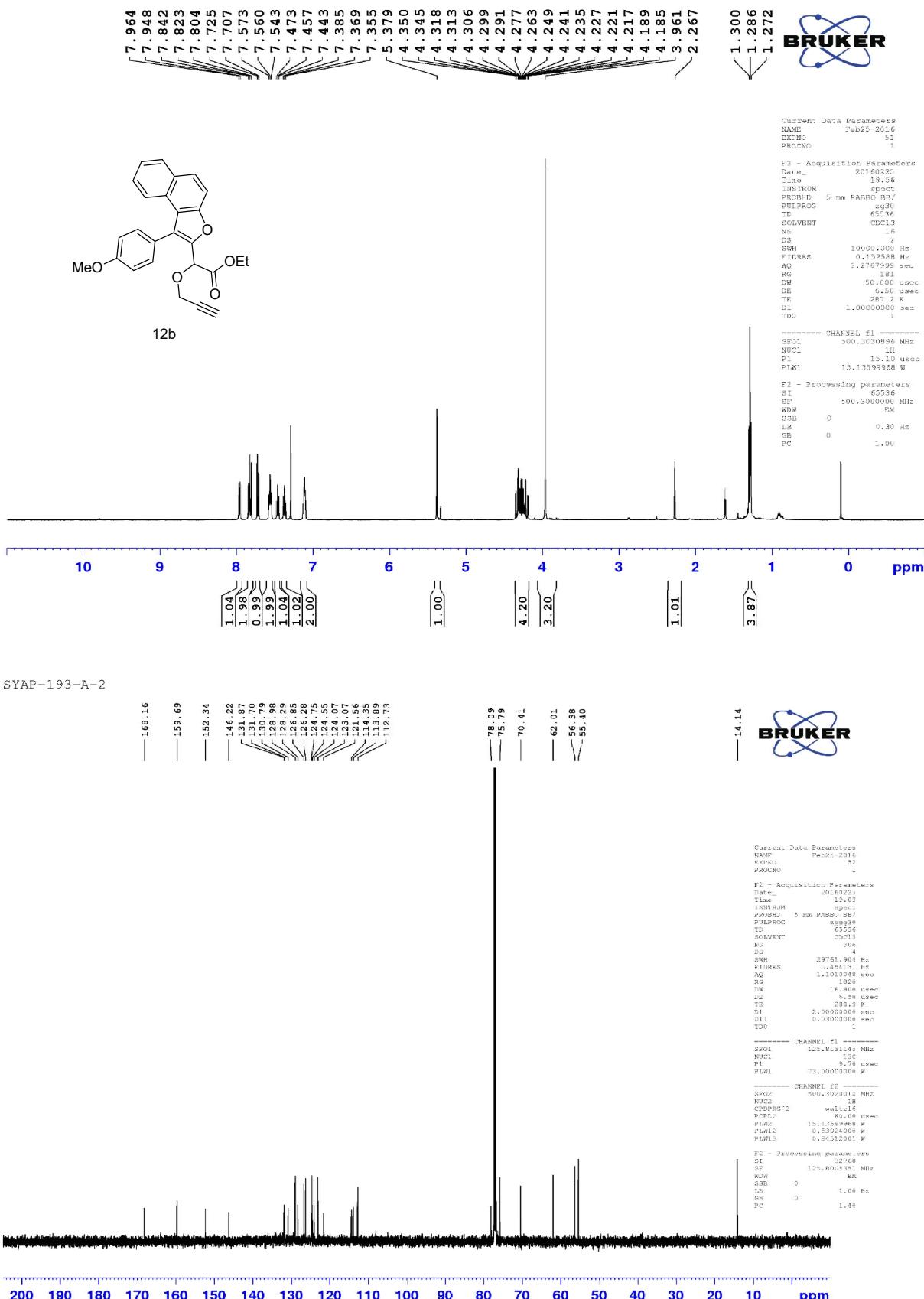


Regioselective cascade synthesis of Naphthofurans

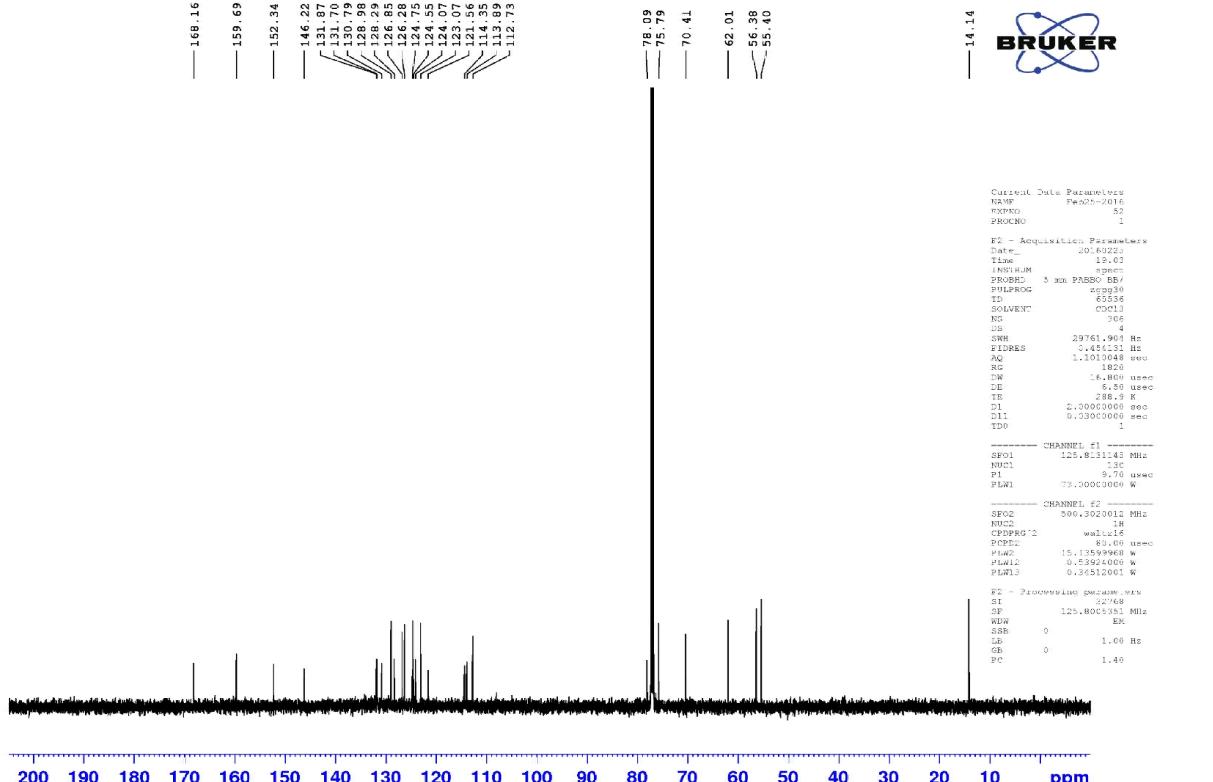


Regioselective cascade synthesis of Naphthofurans

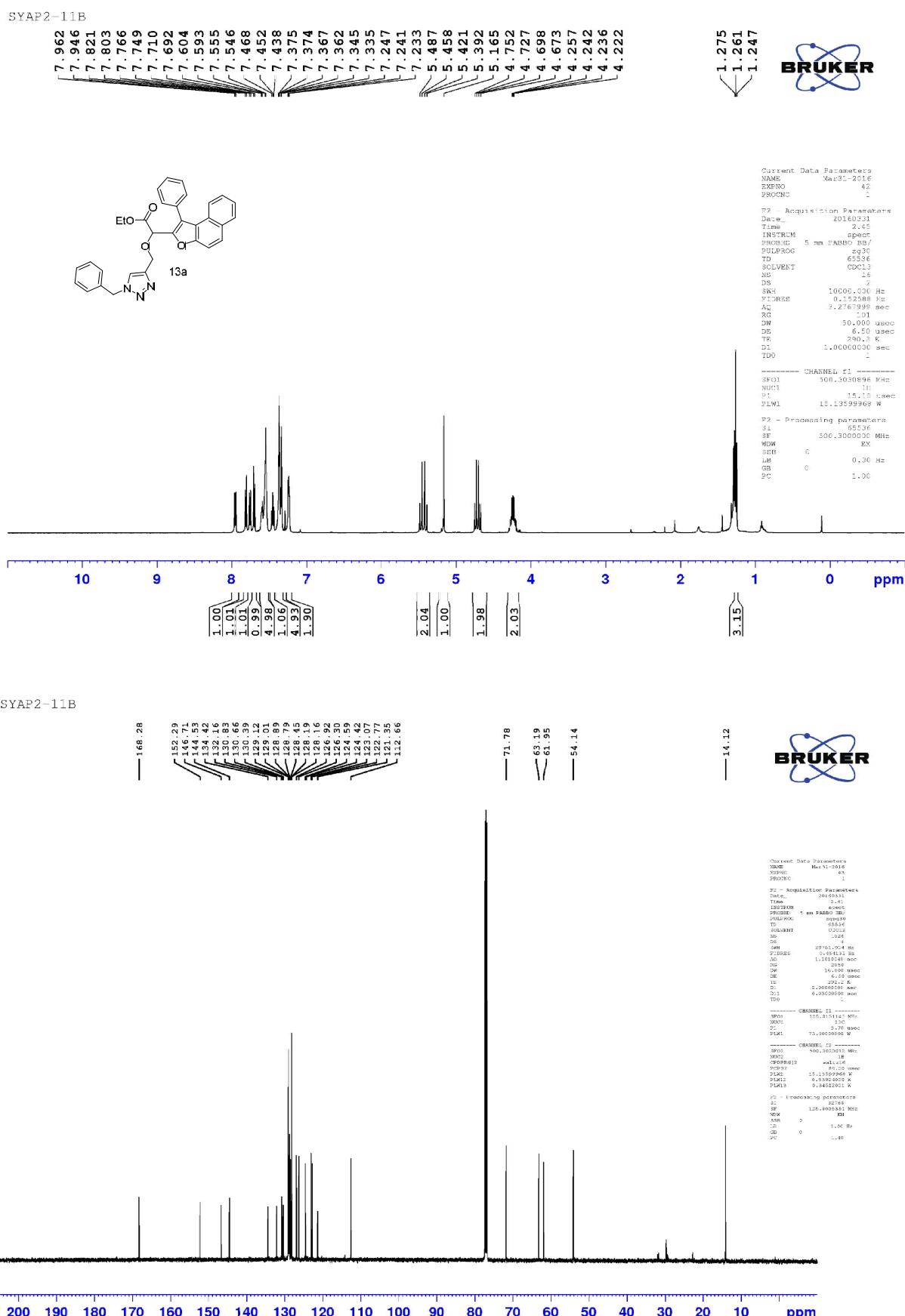
SYAP-193-A-2



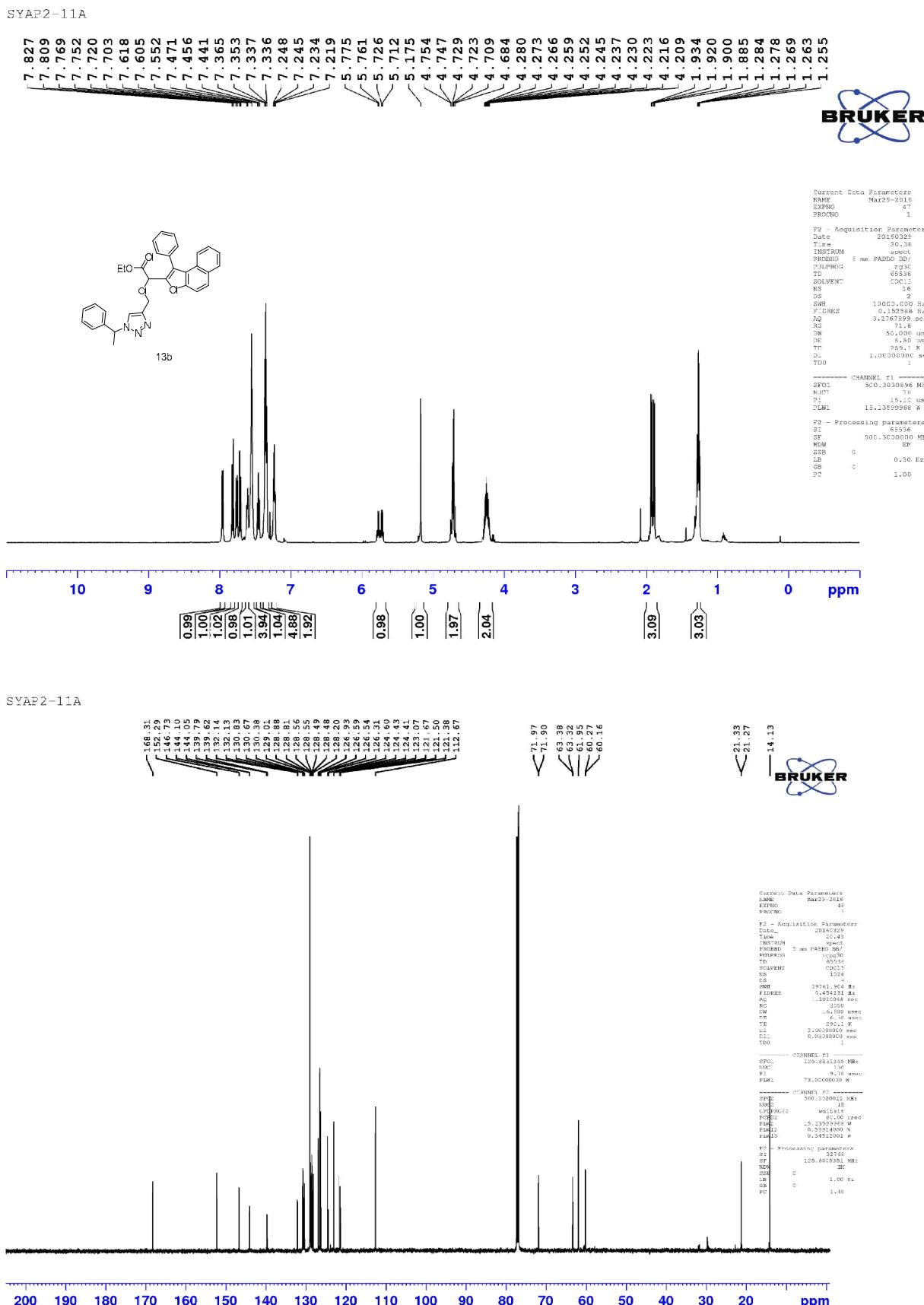
SYAP-193-A-2



Regioselective cascade synthesis of Naphthofurans

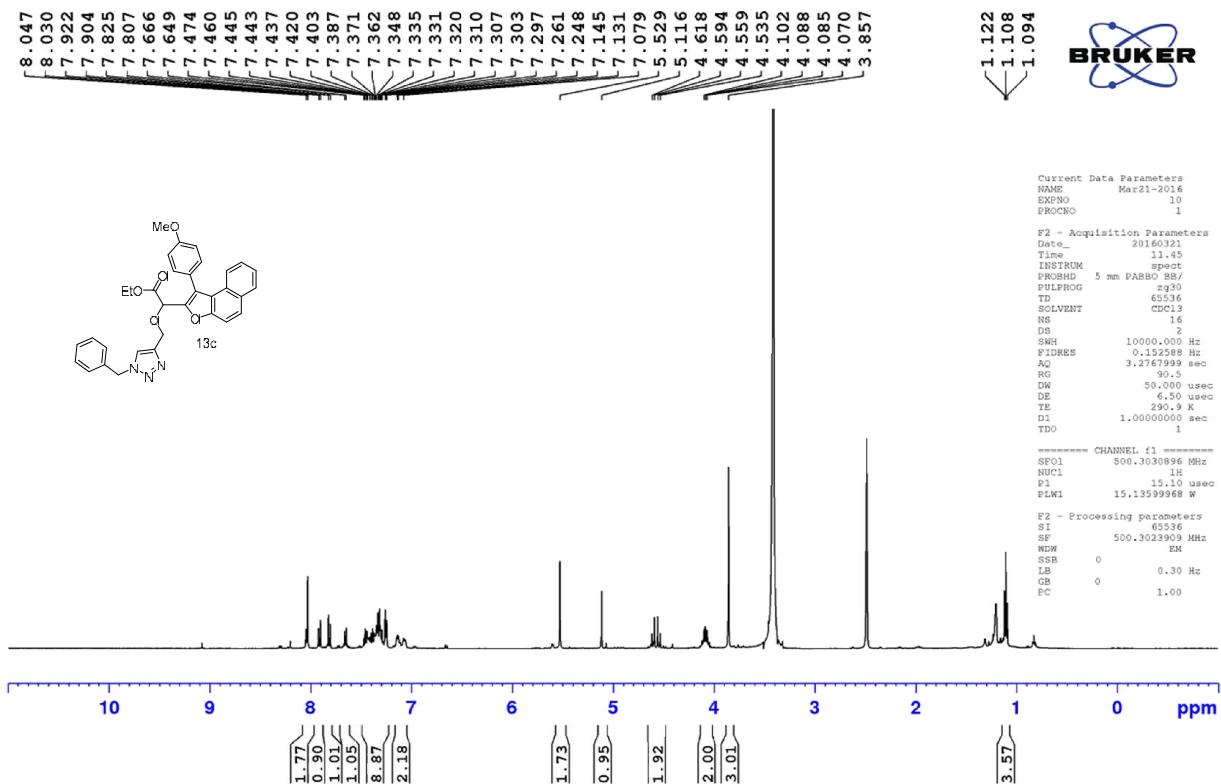


Regioselective cascade synthesis of Naphthofurans

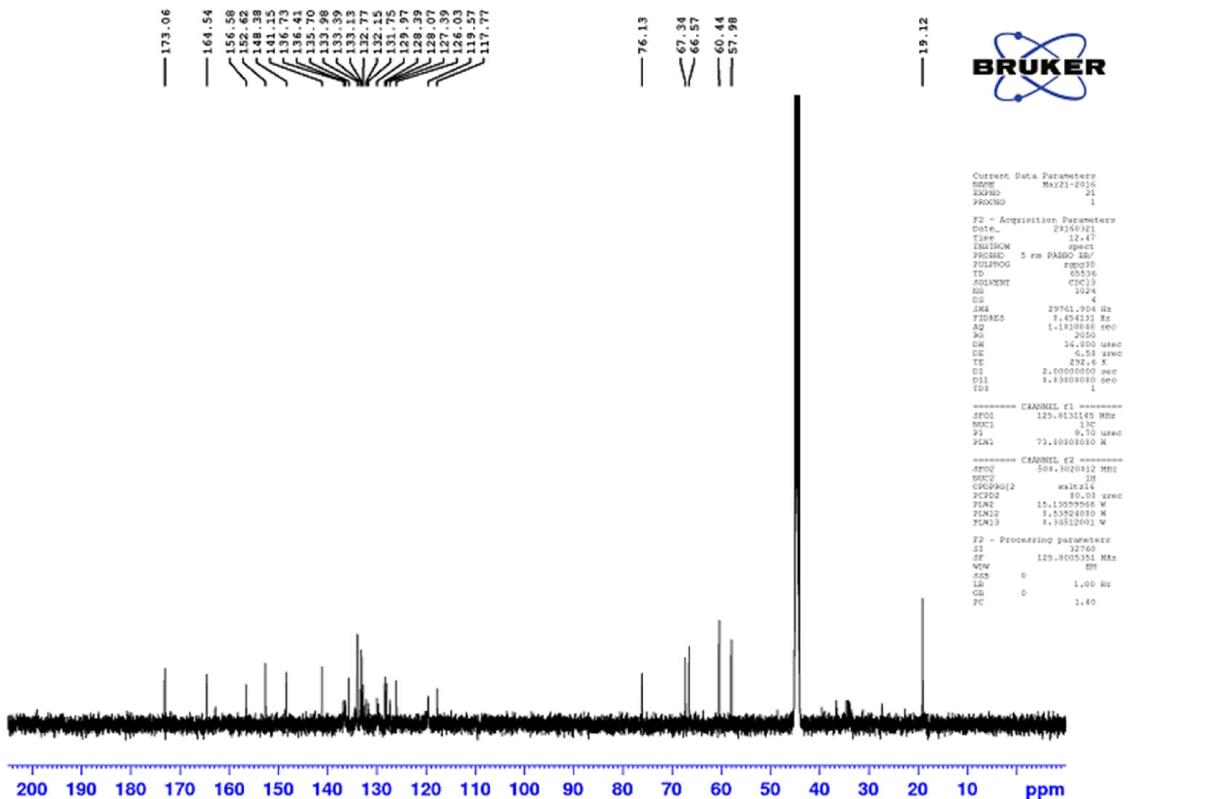


Regioselective cascade synthesis of Naphthofurans

syap--2-3a-new

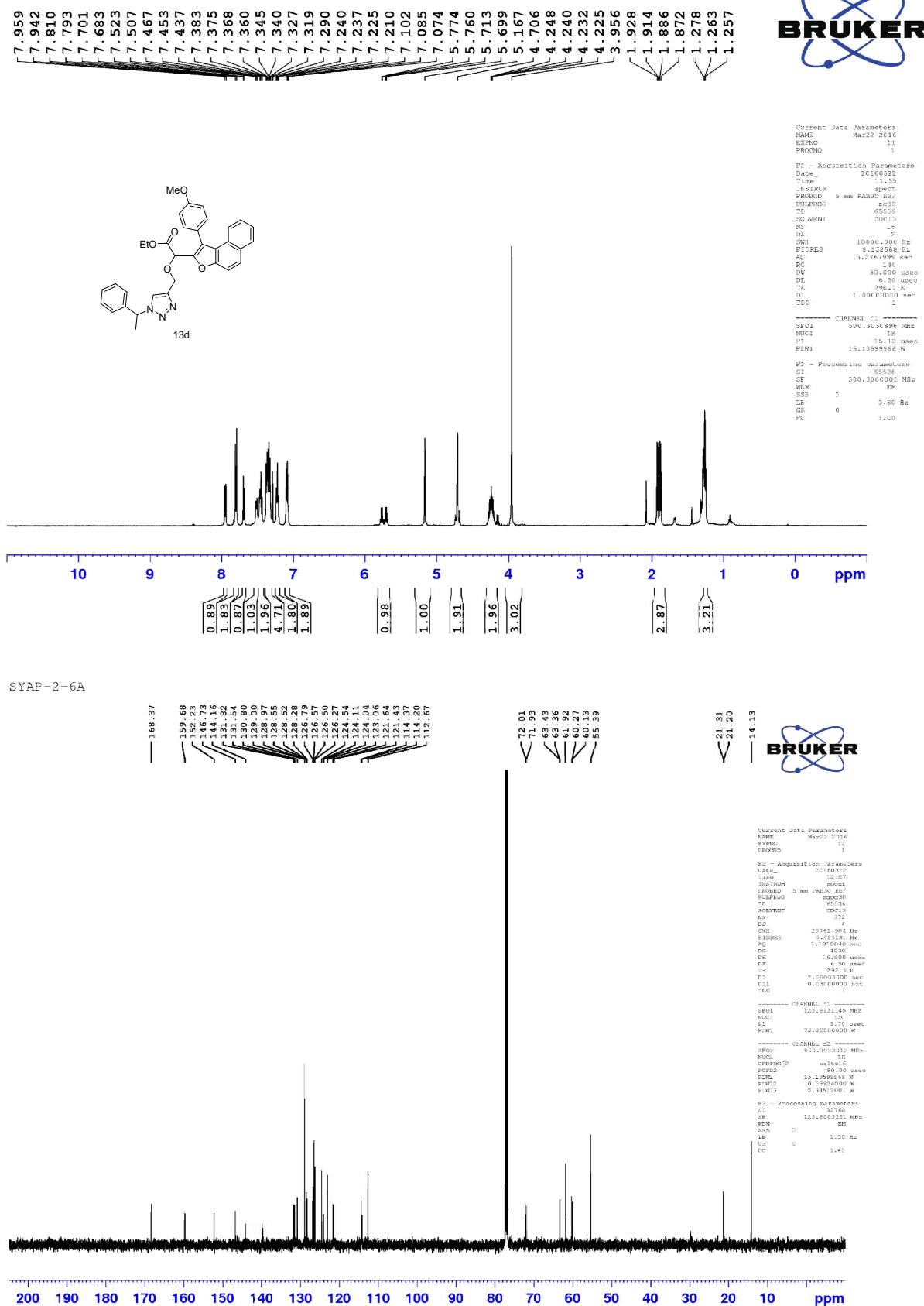


syap--2-3a-new

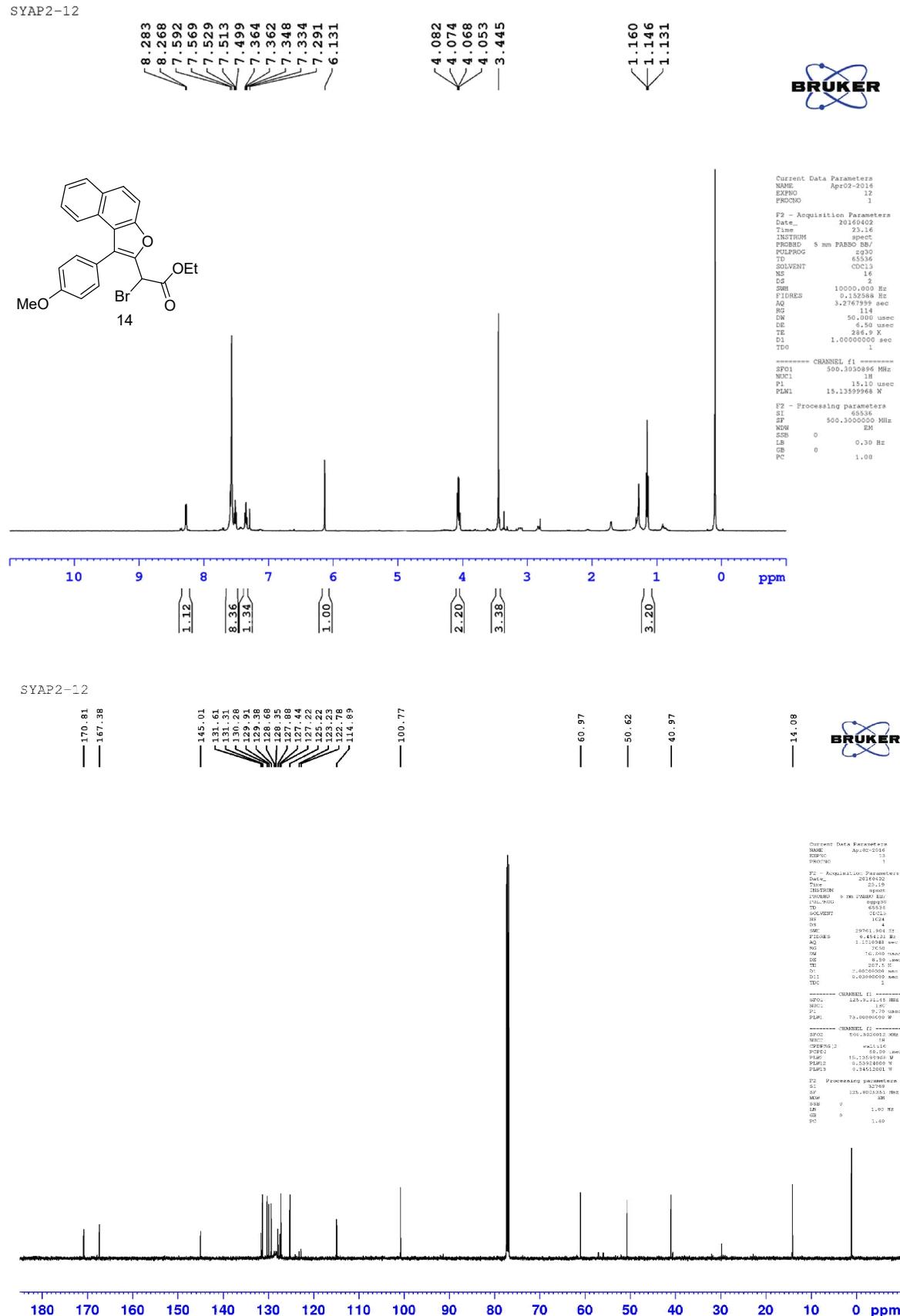


Regioselective cascade synthesis of Naphthofurans

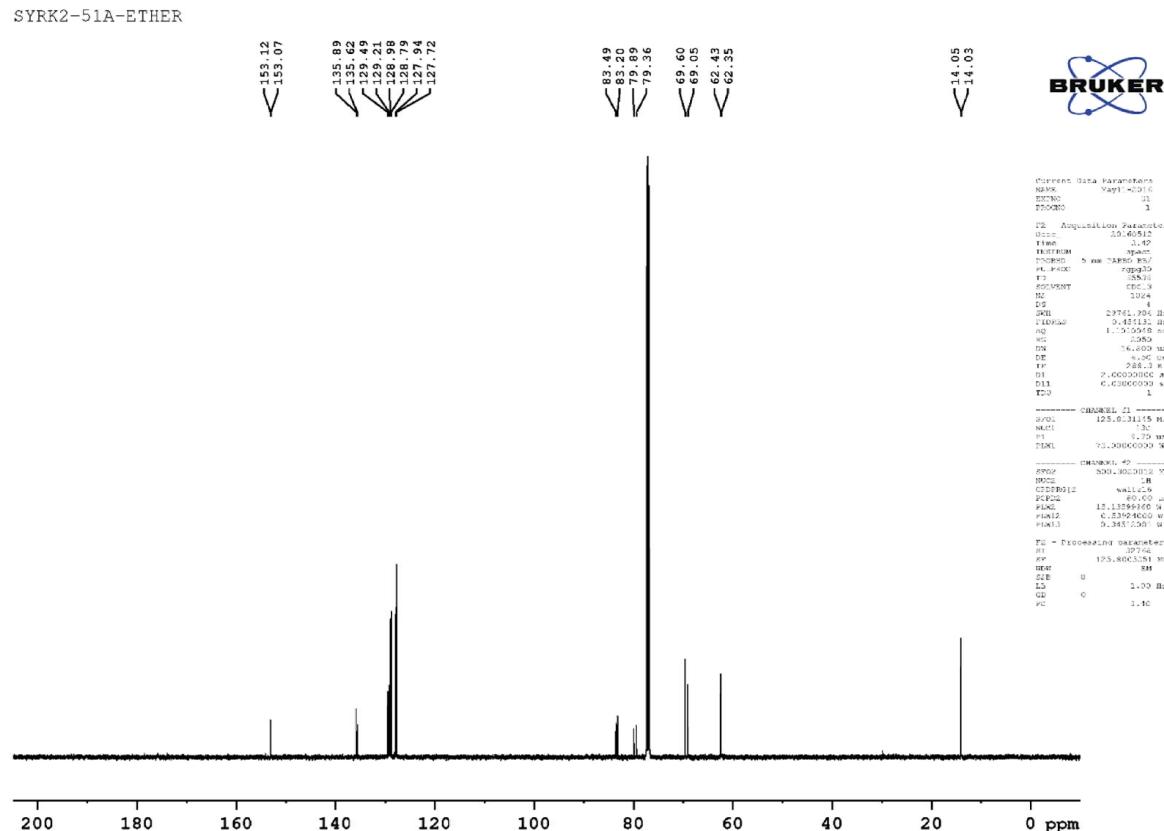
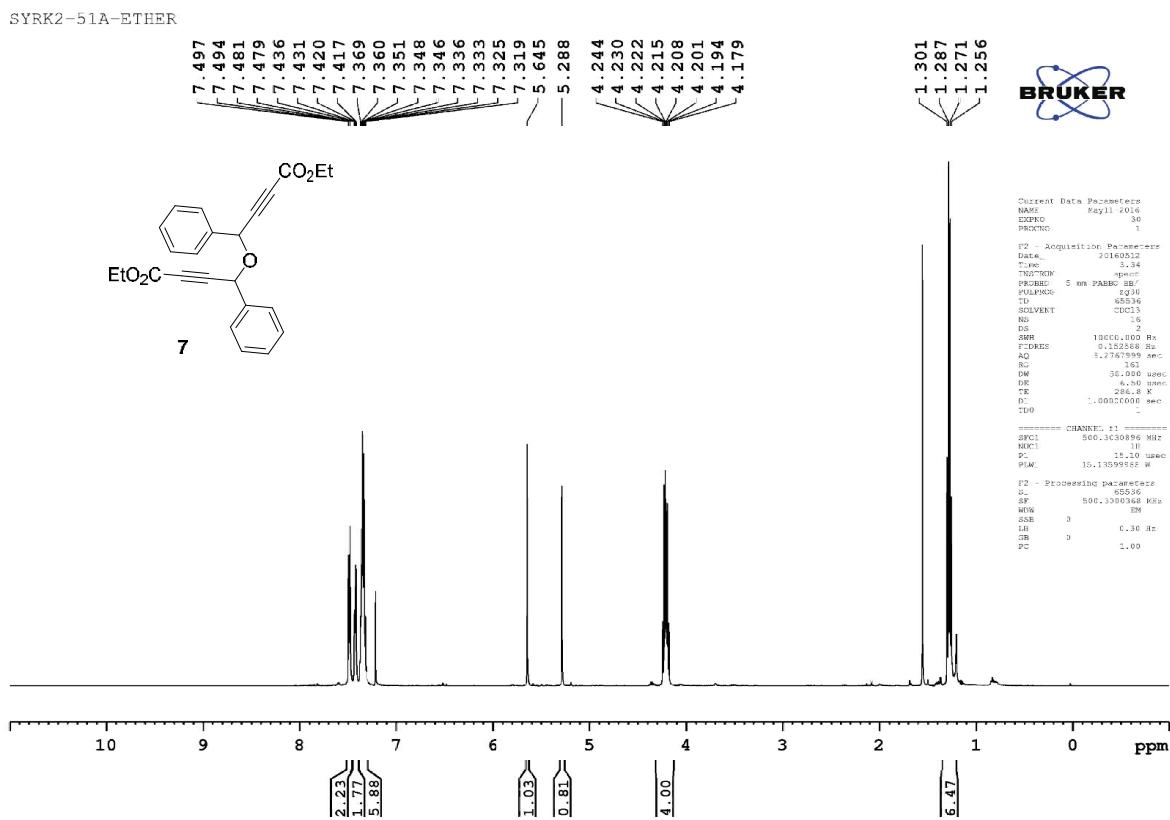
SYAP-2-6A



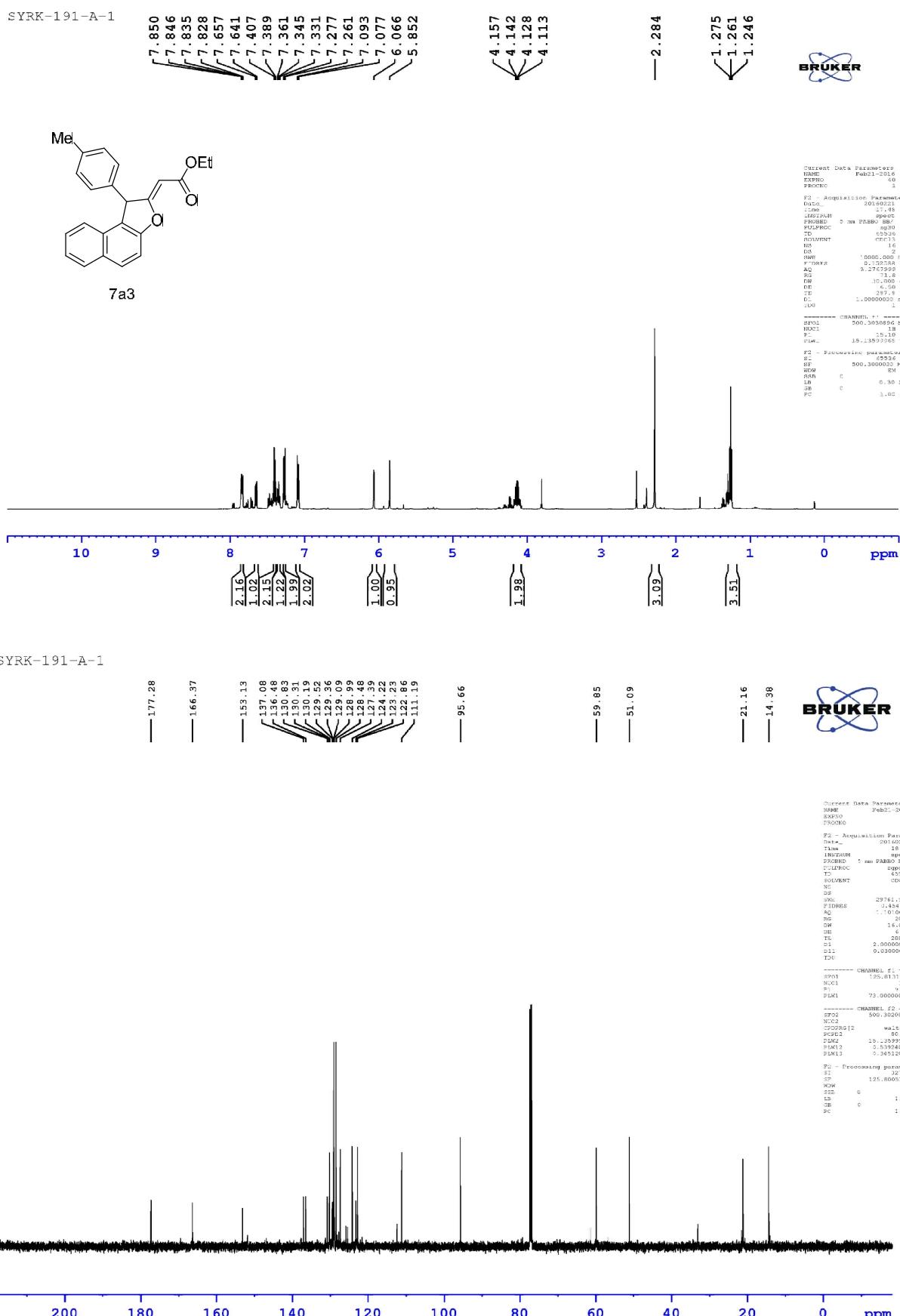
Regioselective cascade synthesis of Naphthofurans



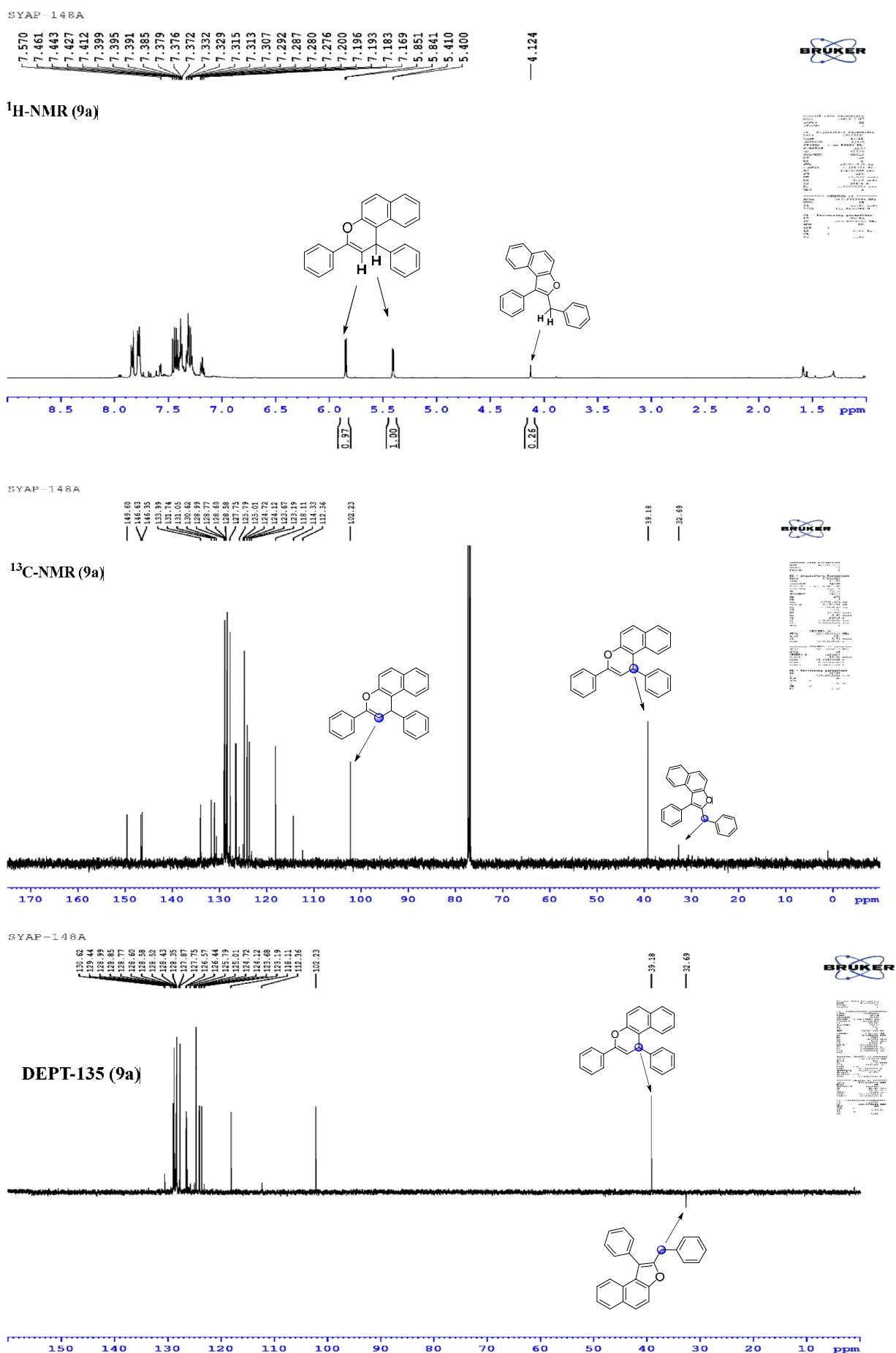
Regioselective cascade synthesis of Naphthofurans



Regioselective cascade synthesis of Naphthofurans

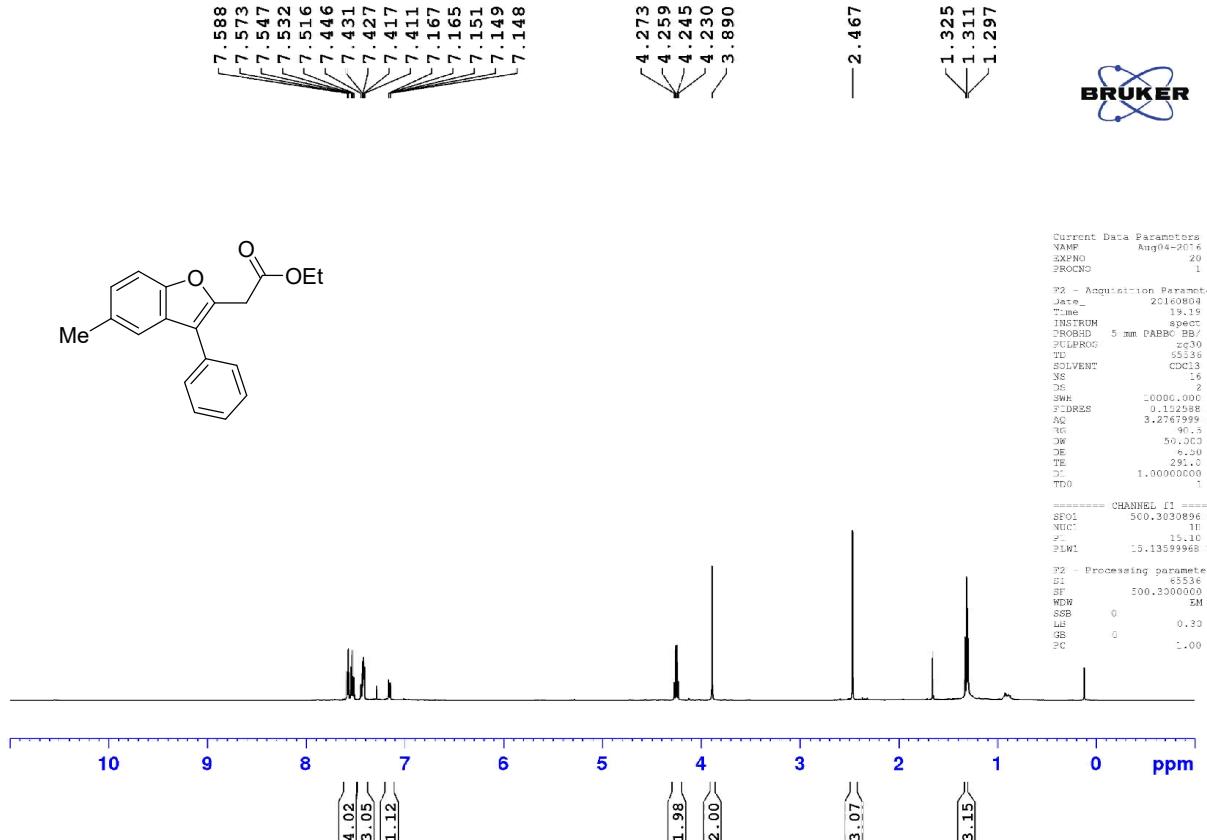


Regioselective cascade synthesis of Naphthofurans

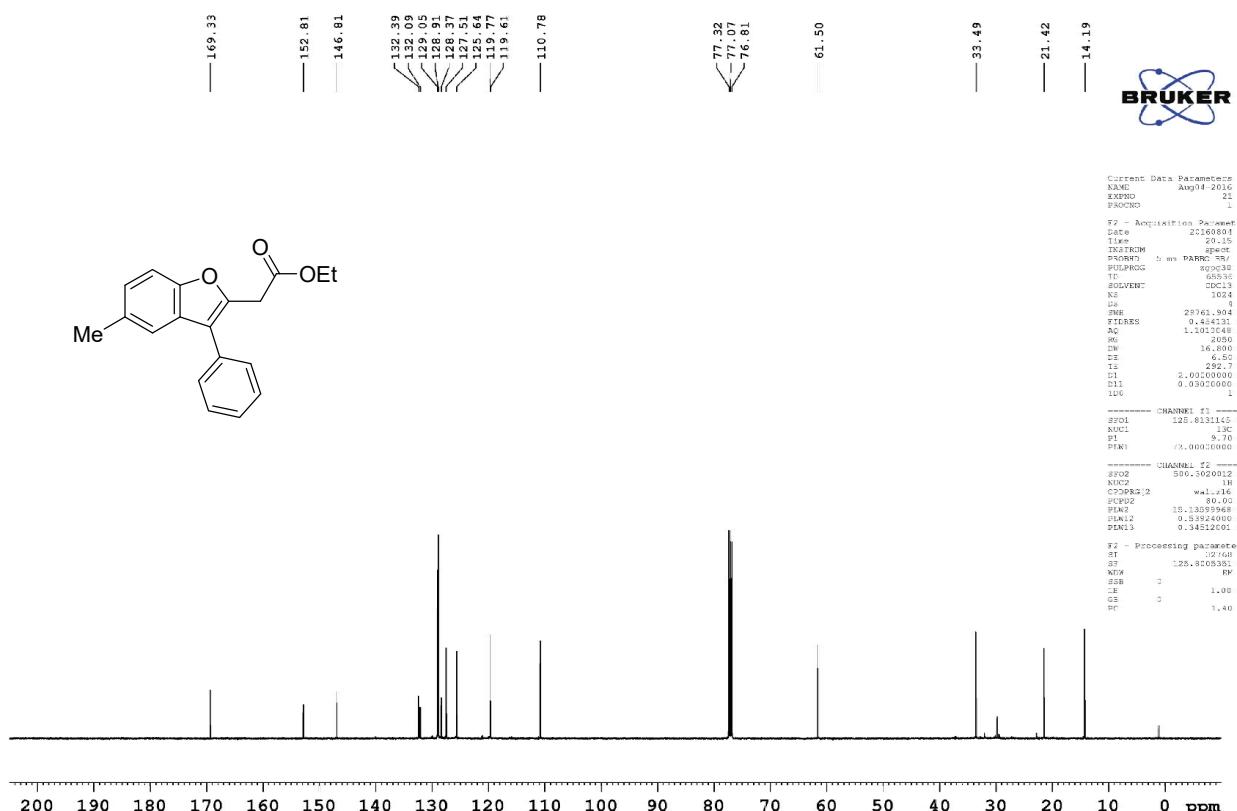


Regioselective cascade synthesis of Naphthofurans

SYAP-2-74B

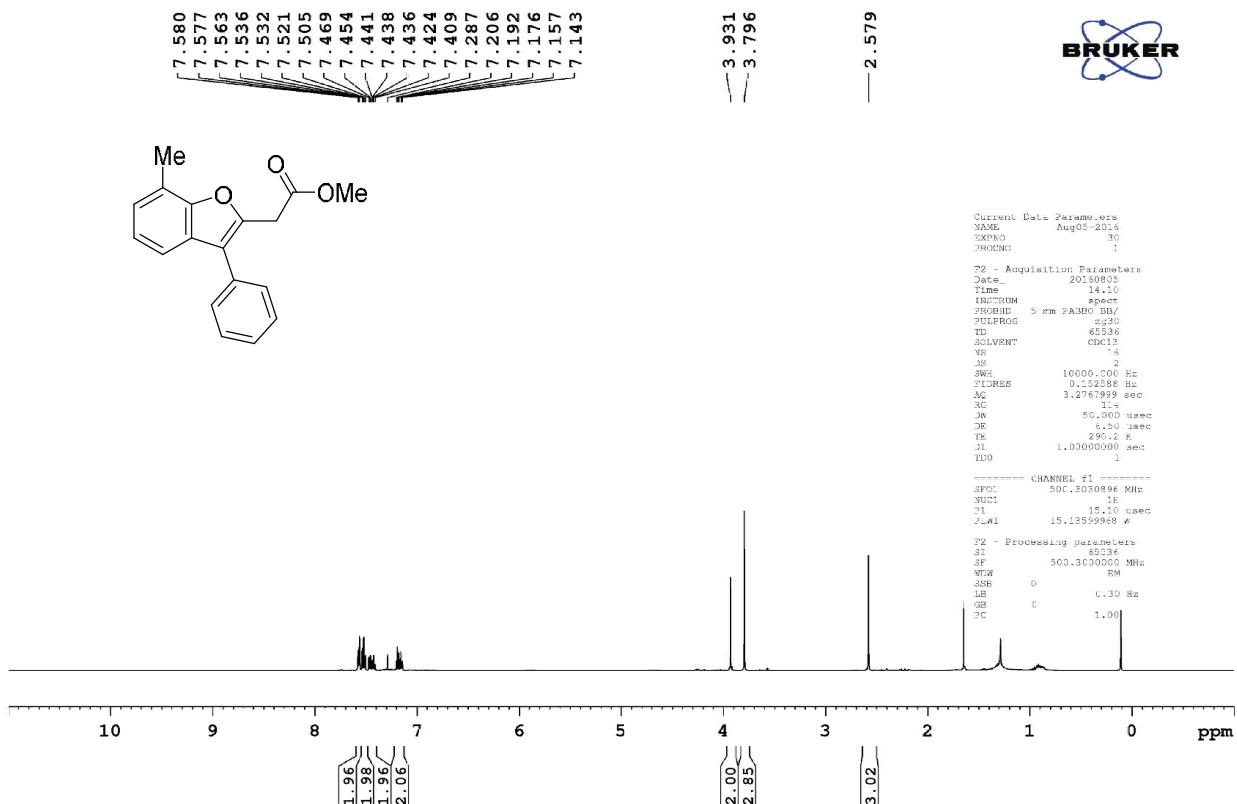


SYAP-2-74B

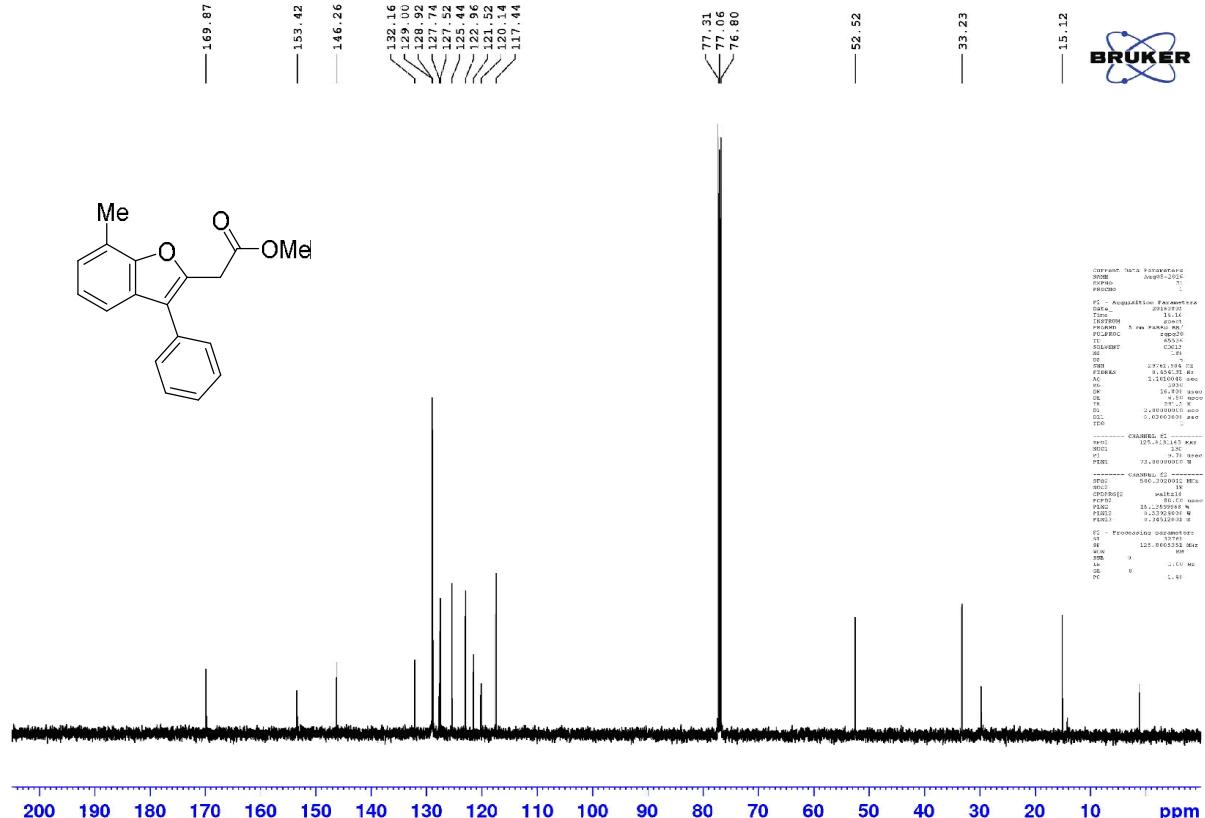


Regioselective cascade synthesis of Naphthofurans

SYAP-2-76A

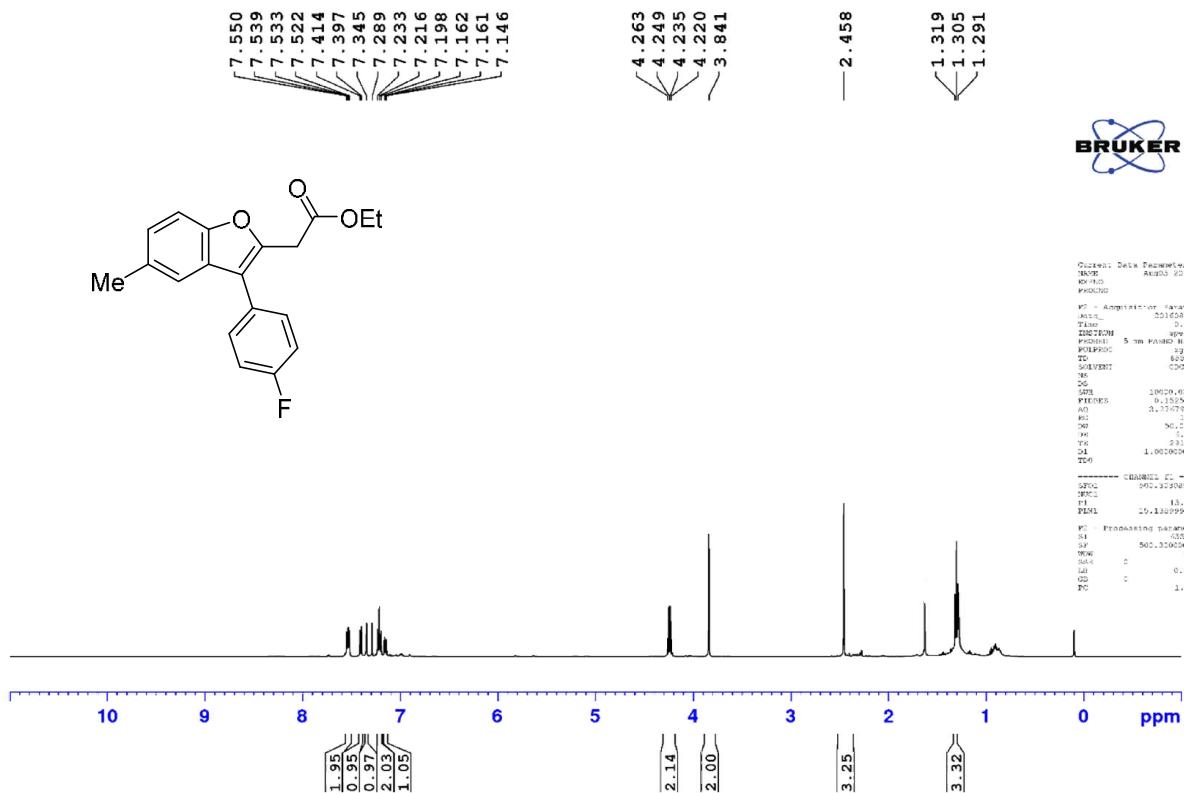


SYAP-2-76A



Regioselective cascade synthesis of Naphthofurans

SYRK2-100



SYRK2-100

