

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082715\
 Data File : BF081245.D
 Acq On : 27 Aug 2015 11:13
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 27 11:46:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\625-TERPINEOL-BF082715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 06:31:06 2015
 Response via : Initial Calibration

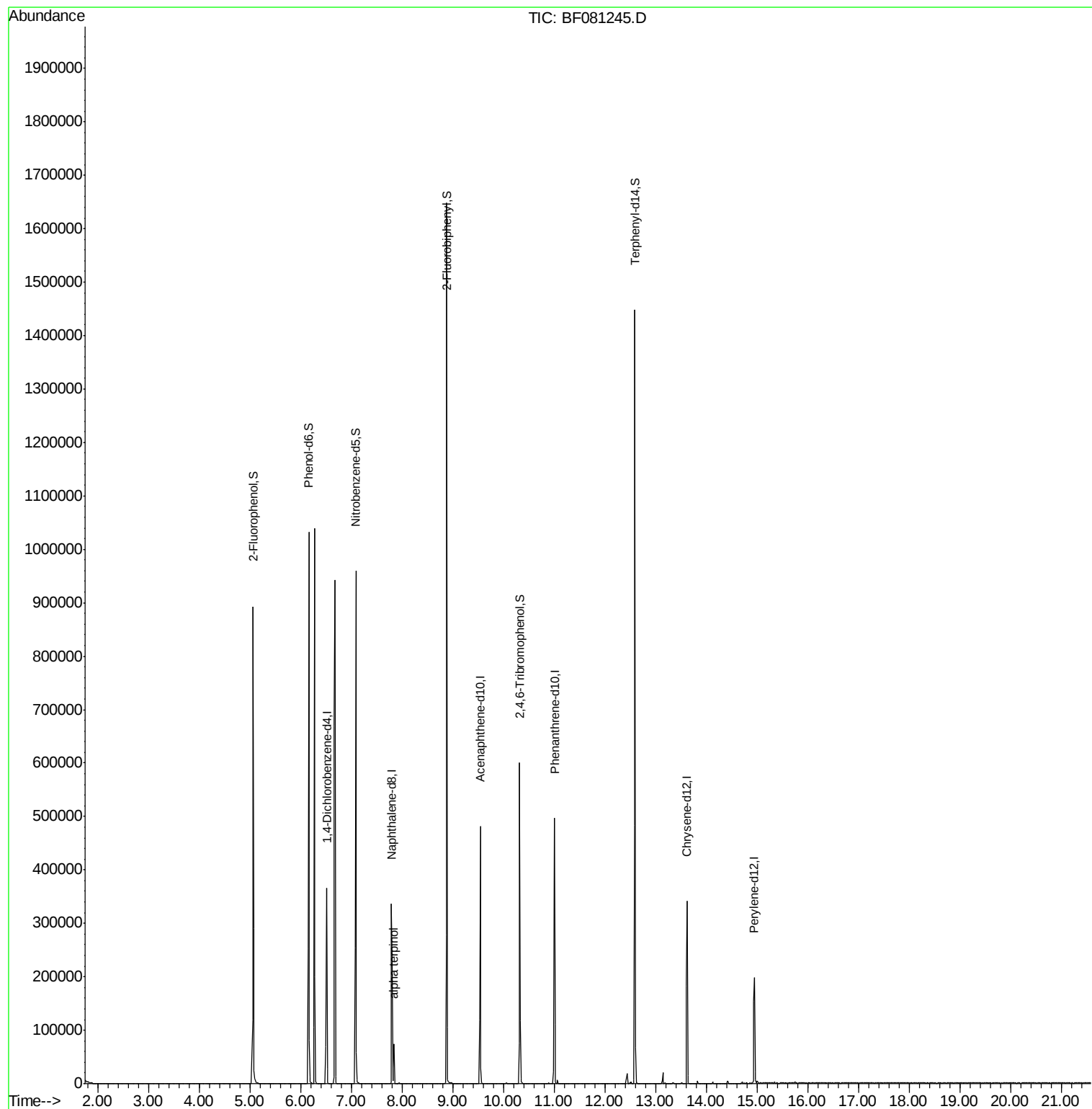
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	50452	20.00	ng	0.00
4) Naphthalene-d8	7.79	136	197761	20.00	ng	0.00
7) Acenaphthene-d10	9.54	164	92238	20.00	ng	0.00
10) Phenanthrene-d10	11.01	188	178585	20.00	ng	0.00
11) Chrysene-d12	13.62	240	143509	20.00	ng	0.00
13) Perylene-d12	14.95	264	101519	20.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	5.06	112	238025	74.73	ng	0.00
3) Phenol-d6	6.16	99	321493	75.58	ng	0.00
5) Nitrobenzene-d5	7.09	82	295686	73.28	ng	0.00
8) 2,4,6-Tribromophenol	10.32	330	52305	77.82	ng	0.00
9) 2-Fluorobiphenyl	8.88	172	455981	75.60	ng	0.00
12) Terphenyl-d14	12.60	244	452209	74.64	ng	0.00
Target Compounds						
6) alpha terpinol	7.84	59	15400	38.94	ng	Qvalue 92

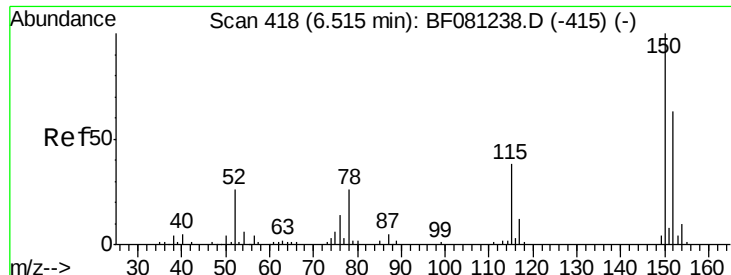
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

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BNA_F

ClientSampleId :

SSTDCCC040EC

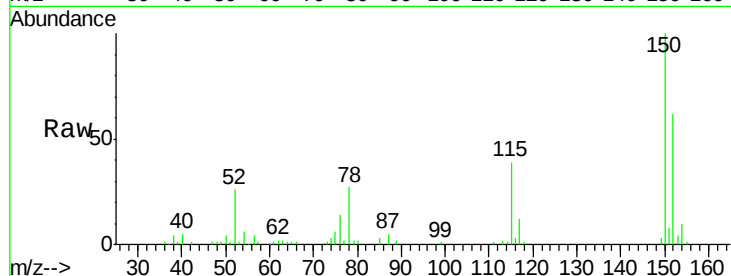
Tgt Ion:152 Resp: 50452

Ion Ratio Lower Upper

152 100

150 160.1 127.8 191.8

115 61.9 48.6 72.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

120000

100000

80000

60000

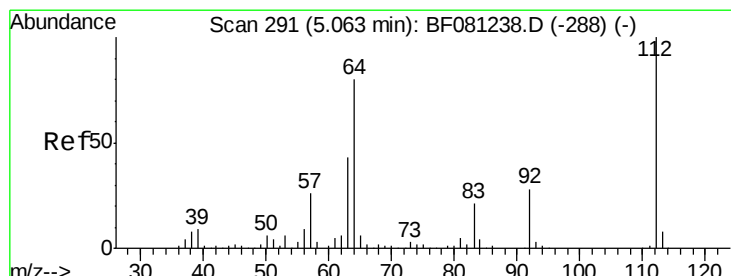
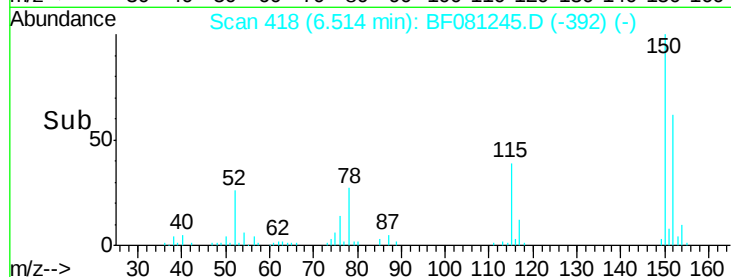
40000

20000

0

6.45 6.50 6.55

Time-->



#2

2-Fluorophenol

Concen: 74.73 ng

RT: 5.06 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

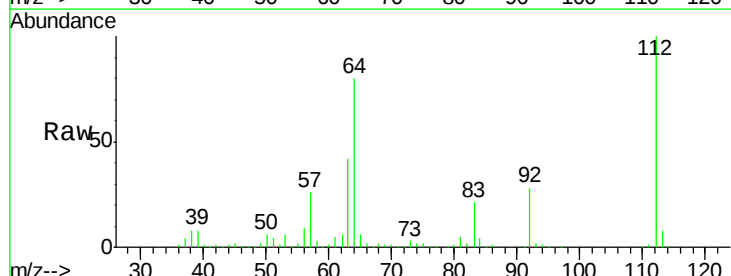
Tgt Ion:112 Resp: 238025

Ion Ratio Lower Upper

112 100

64 80.1 64.2 96.4

63 41.6 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

300000

250000

200000

150000

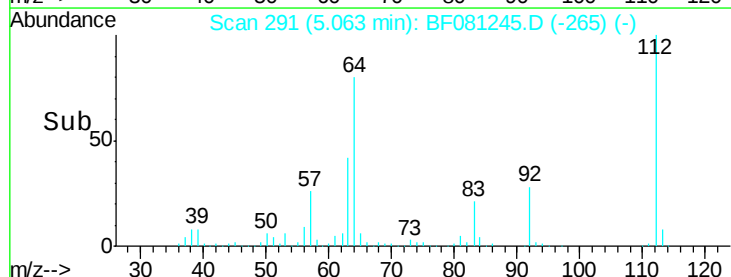
100000

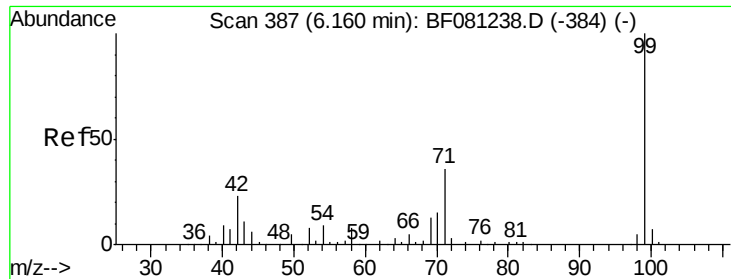
50000

0

5.00 5.10 5.20

Time-->





#3

Phenol-d6

Concen: 75.58 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

Instrument :

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SSTDCCC040EC

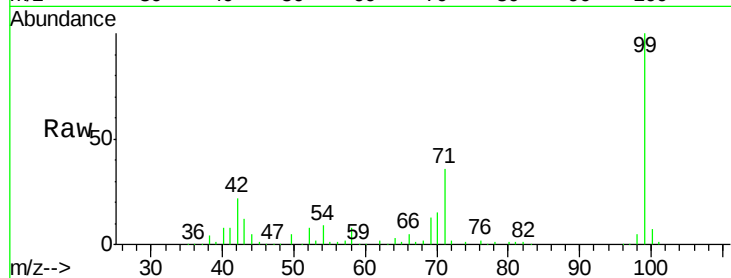
Tgt Ion: 99 Resp: 321493

Ion Ratio Lower Upper

99 100

42 22.0 18.3 27.5

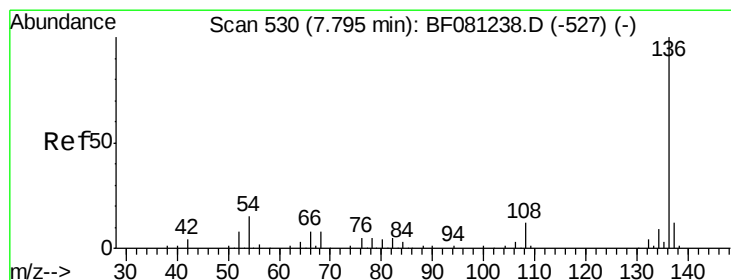
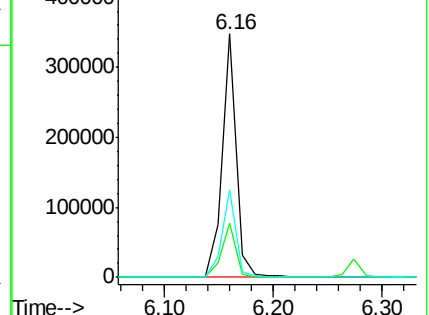
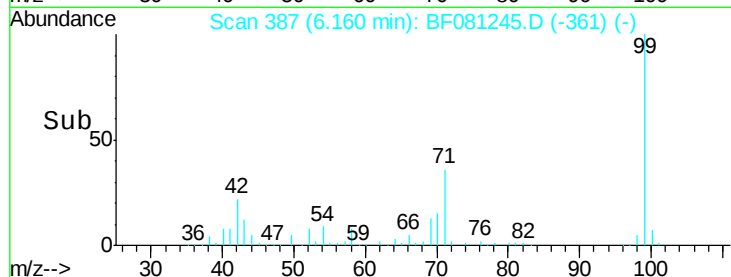
71 35.9 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#4

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

Tgt Ion: 136 Resp: 197761

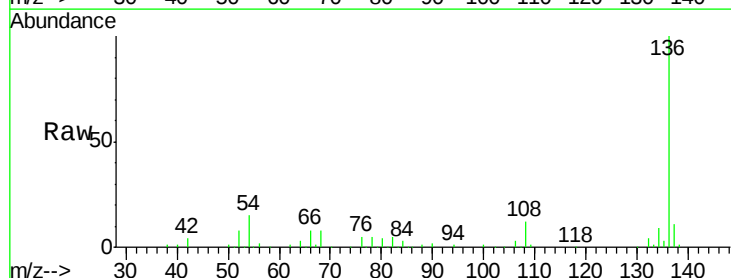
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 14.8 12.4 18.6

68 8.0 6.6 9.8

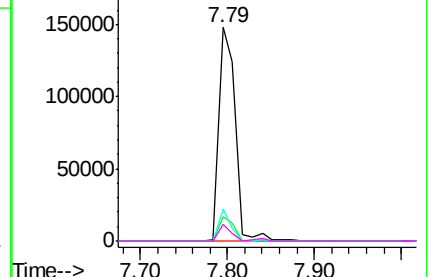
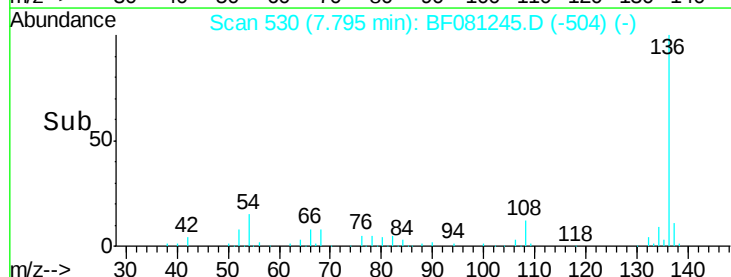


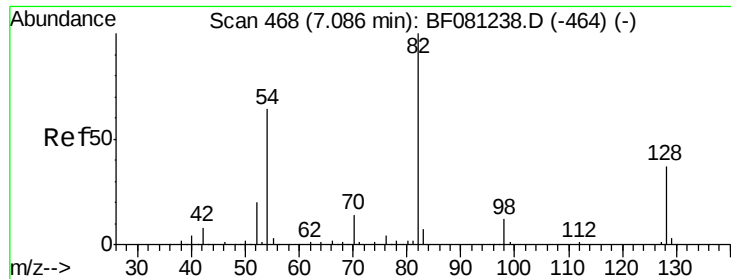
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#5

Nitrobenzene-d5

Concen: 73.28 ng

RT: 7.09 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

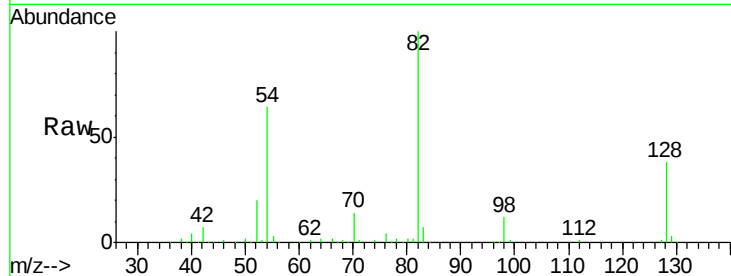
Tgt Ion: 82 Resp: 295686

Ion Ratio Lower Upper

82 100

128 37.8 29.3 43.9

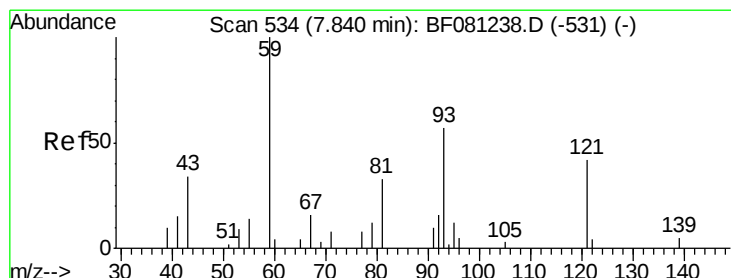
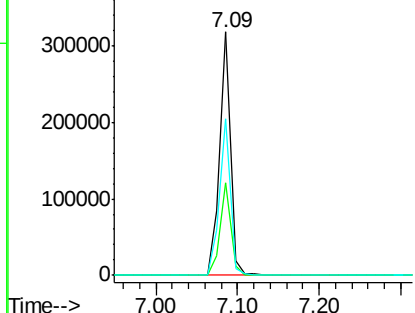
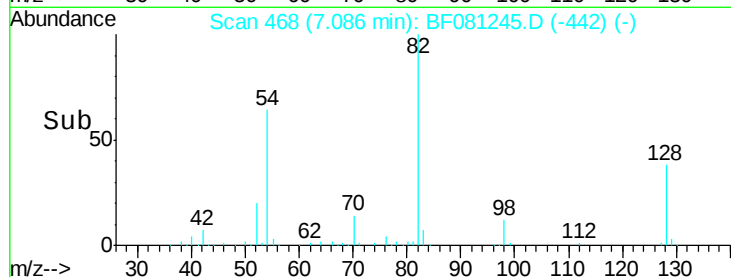
54 64.0 51.1 76.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#6

alpha-terpinol

Concen: 38.94 ng

RT: 7.84 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

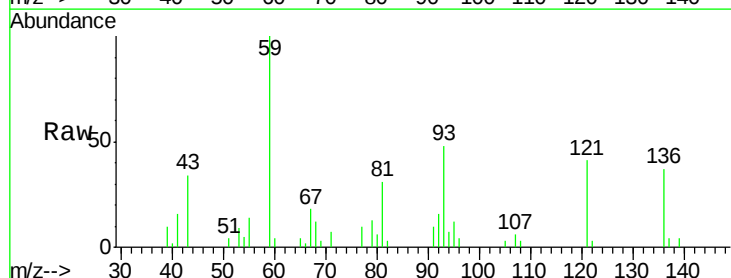
Tgt Ion: 59 Resp: 15400

Ion Ratio Lower Upper

59 100

93 48.3 45.8 68.8

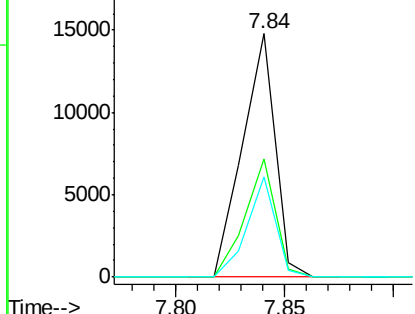
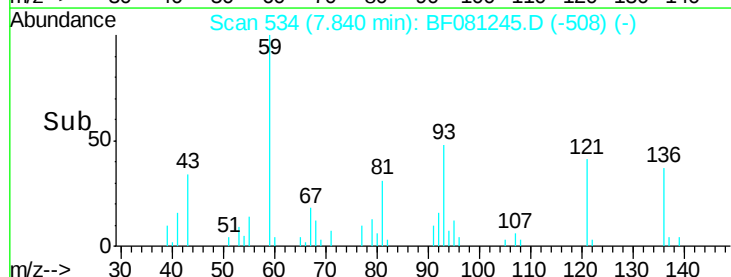
121 41.1 33.6 50.4

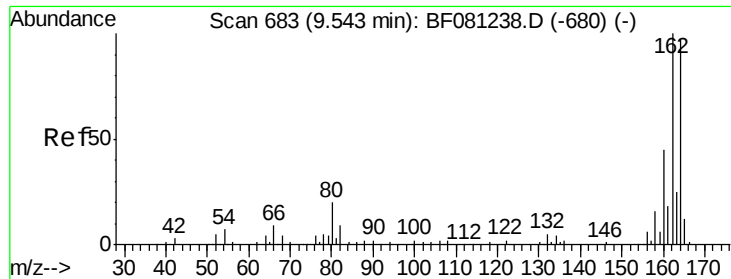


Abundance Ion 59.00 (58.70 to 59.70): BF0

Ion 93.00 (92.70 to 93.70): BF0

Ion 121.00 (120.70 to 121.70): BF0





#7

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

Instrument :

BNA_F

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SSTDCCC040EC

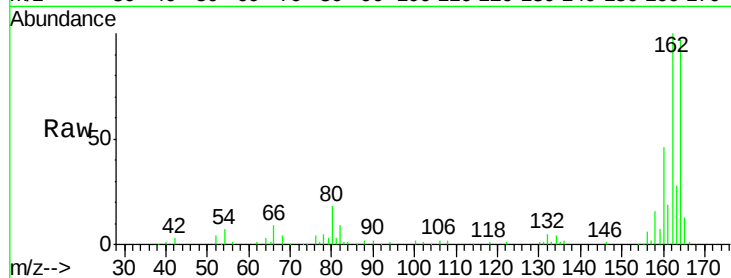
Tgt Ion:164 Resp: 92238

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

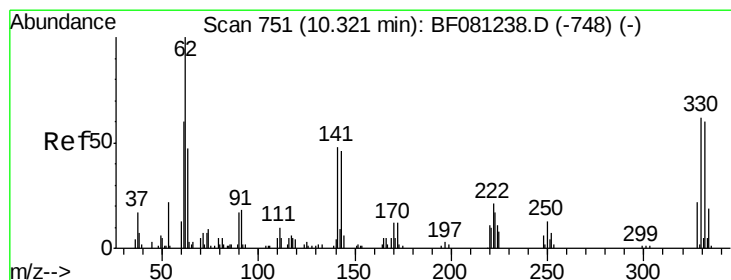
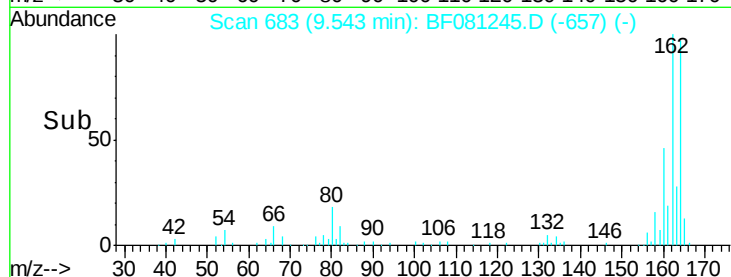
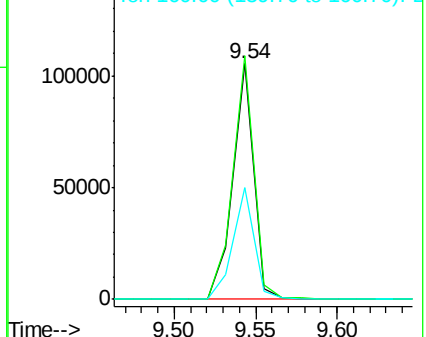
160 47.4 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#8

2,4,6-Tribromophenol

Concen: 77.82 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF081245.D

Acq: 27 Aug 2015 11:13

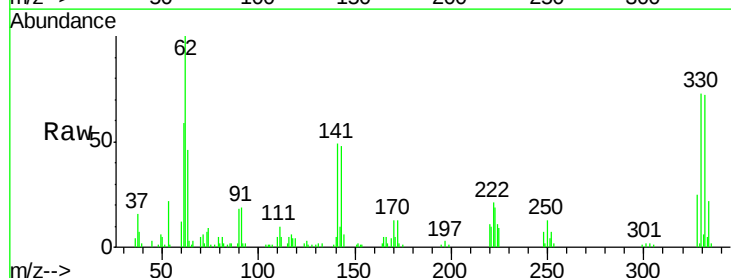
Tgt Ion:330 Resp: 52305

Ion Ratio Lower Upper

330 100

332 97.7 75.5 113.3

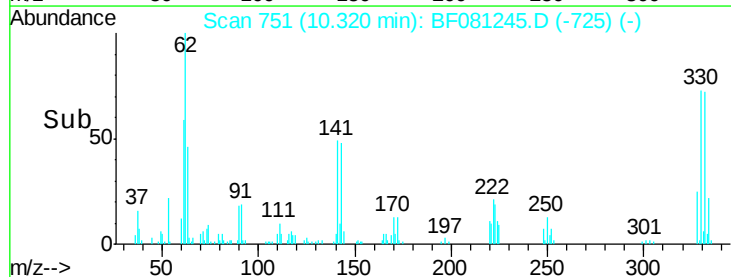
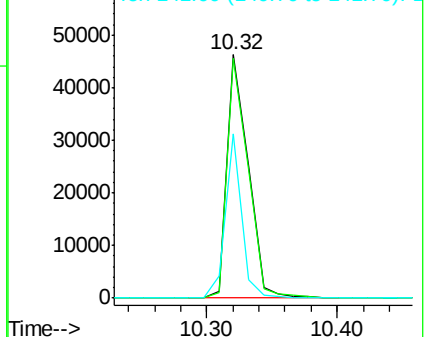
141 52.3 40.3 60.5

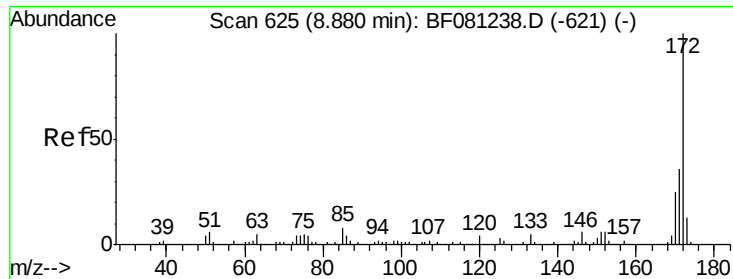


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

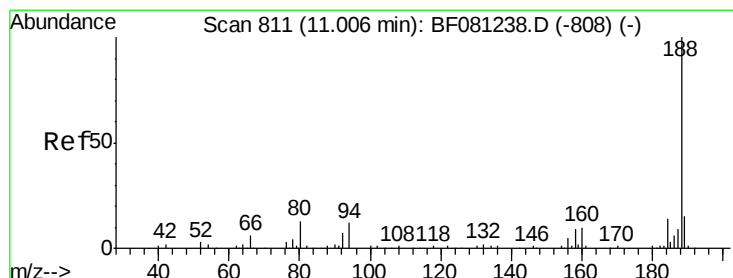
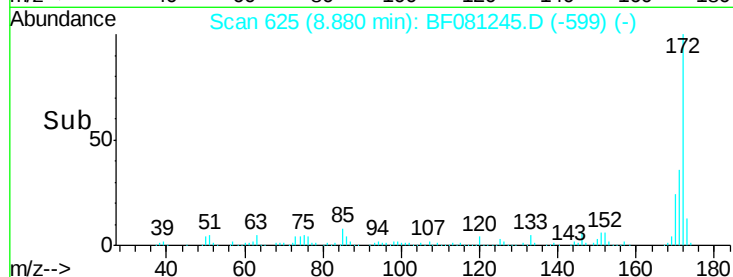
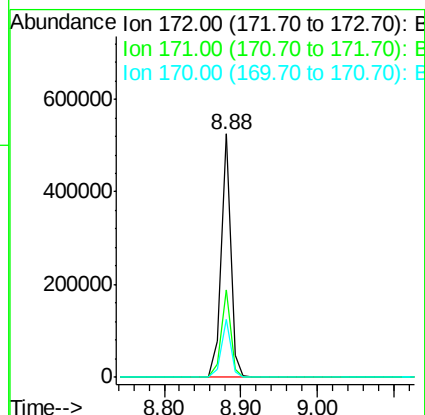
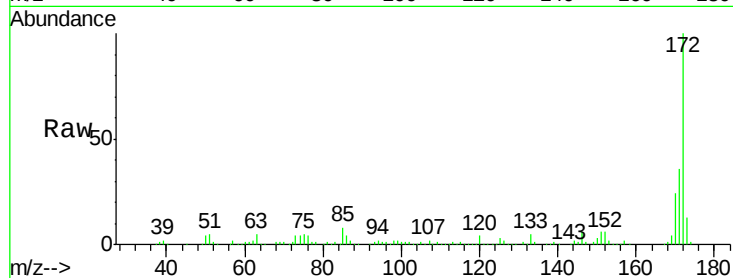




#9
 2-Fluorobiphenyl
 Concen: 75.60 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF081245.D
 Acq: 27 Aug 2015 11:13

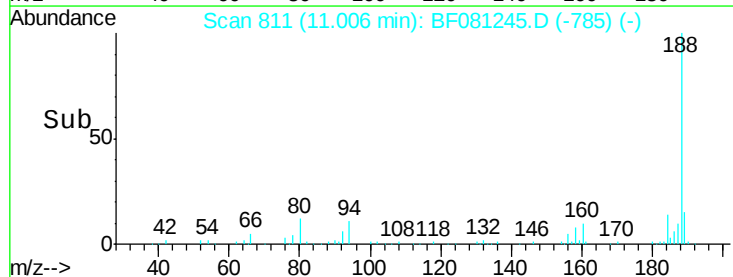
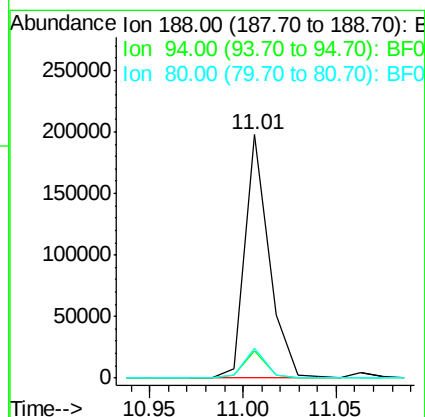
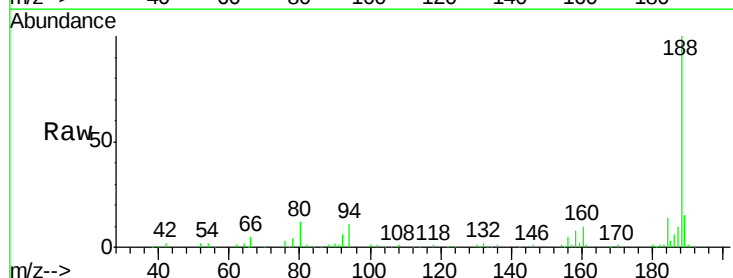
Instrument :
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 SSTDCCC040EC

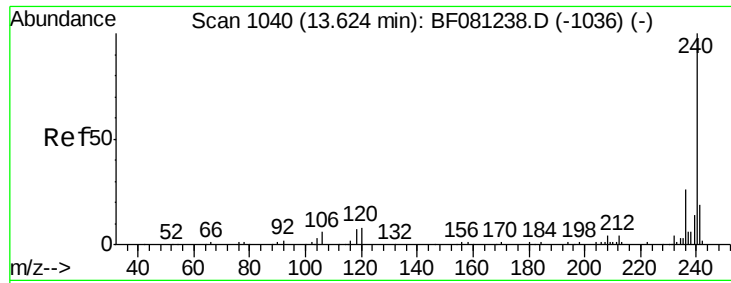
Tgt Ion:172 Resp: 455981
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 42.8
 170 24.0 19.7 29.5



#10
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF081245.D
 Acq: 27 Aug 2015 11:13

Tgt Ion:188 Resp: 178585
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 12.5 10.5 15.7

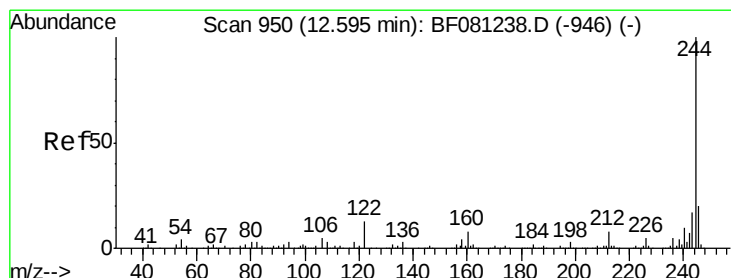
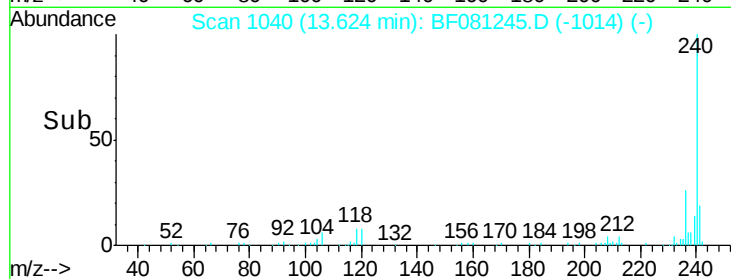
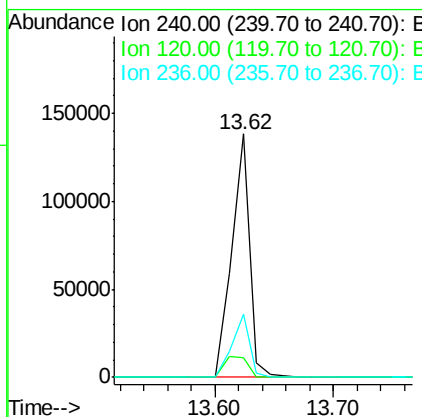
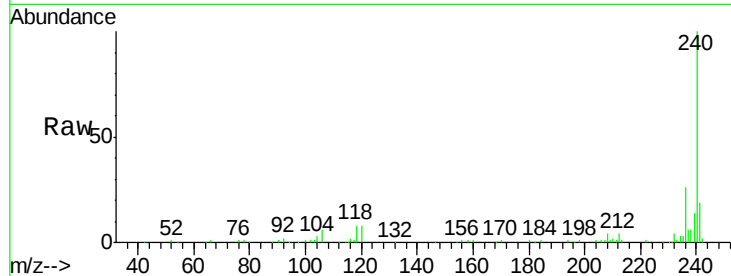




#11
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF081245.D
 Acq: 27 Aug 2015 11:13

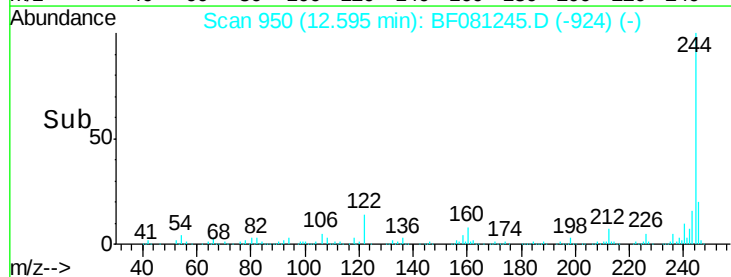
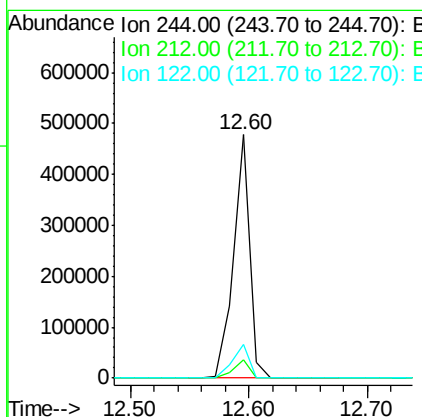
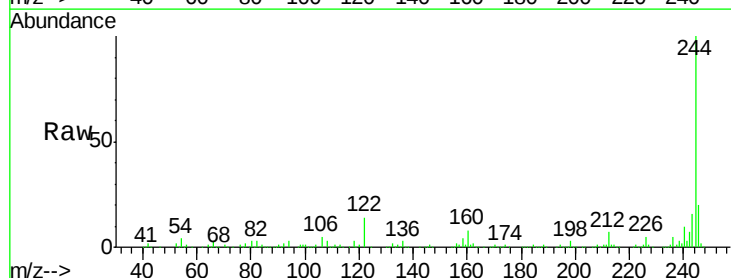
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

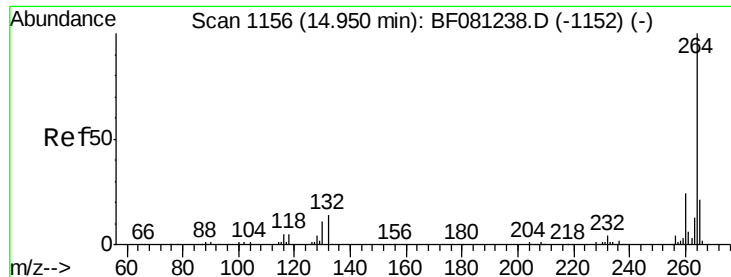
Tgt Ion:240 Resp: 143509
 Ion Ratio Lower Upper
 240 100
 120 8.0 6.2 9.4
 236 25.8 20.6 31.0



#12
 Terphenyl-d14
 Concen: 74.64 ng
 RT: 12.60 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF081245.D
 Acq: 27 Aug 2015 11:13

Tgt Ion:244 Resp: 452209
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.6 10.7 16.1

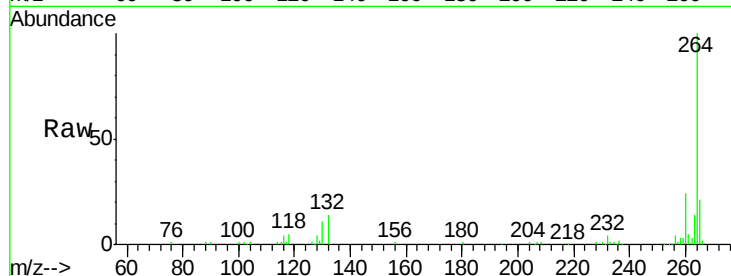




#13
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF081245.D
Acq: 27 Aug 2015 11:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	21.0	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

