

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082031.D
 Acq On : 3 Oct 2015 19:56
 Operator : UM/IZ
 Sample : G3867-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-6.5-7.0-092915

Quant Time: Oct 05 04:22:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

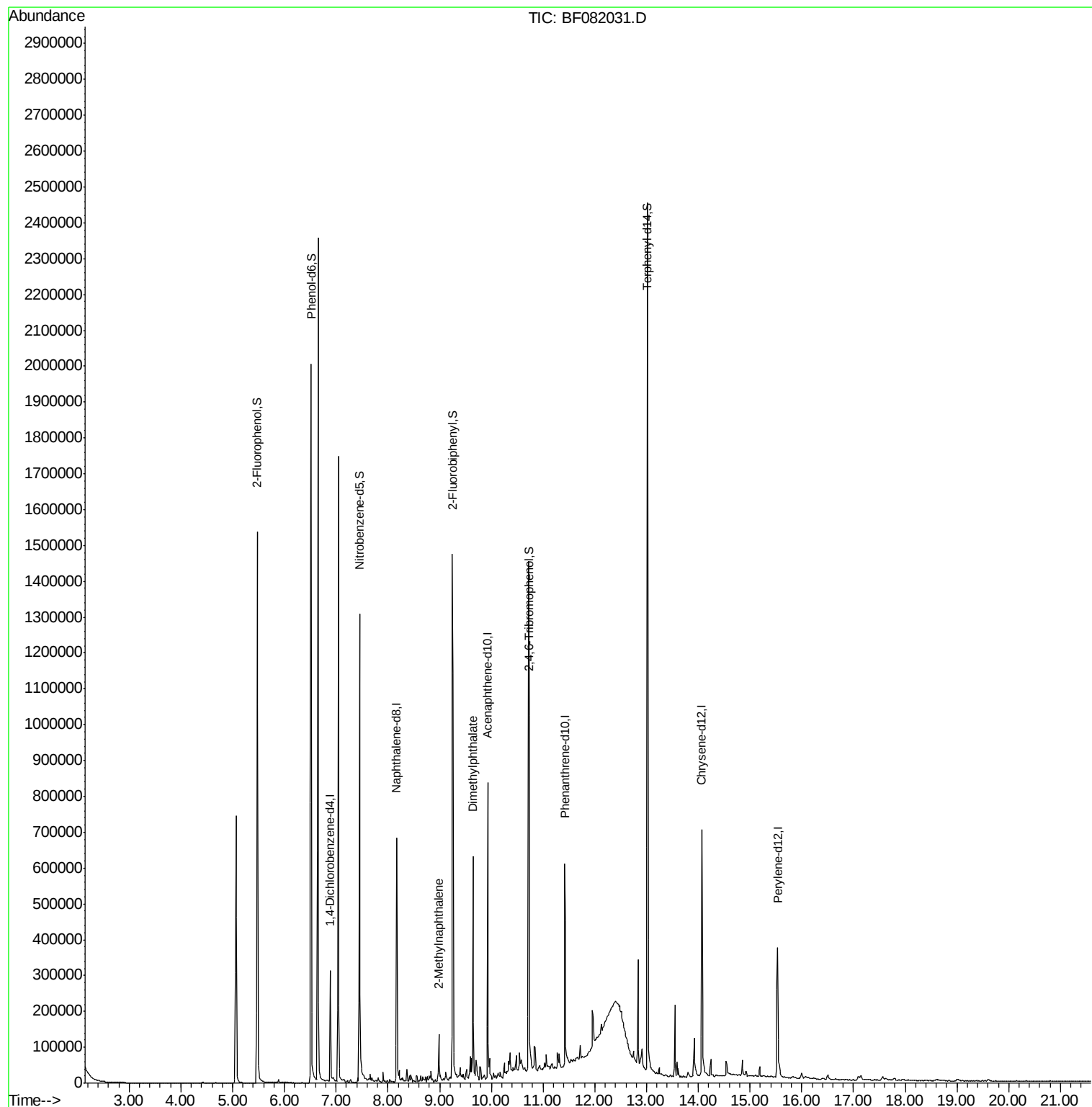
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	76832	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	327141	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	167554	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	325106	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	300742	20.00	ng	-0.05
86) Perylene-d12	15.53	264	226970	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	600853	141.96	ng	-0.04
7) Phenol-d6	6.51	99	803510	150.87	ng	-0.05
23) Nitrobenzene-d5	7.45	82	487972	99.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	265708	156.58	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	727384	70.23	ng	-0.06
78) Terphenyl-d14	13.02	244	847093	93.55	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	8.98	142	36399	3.68	ng	# 87
49) Dimethylphthalate	9.65	163	268313	23.20	ng	# 98

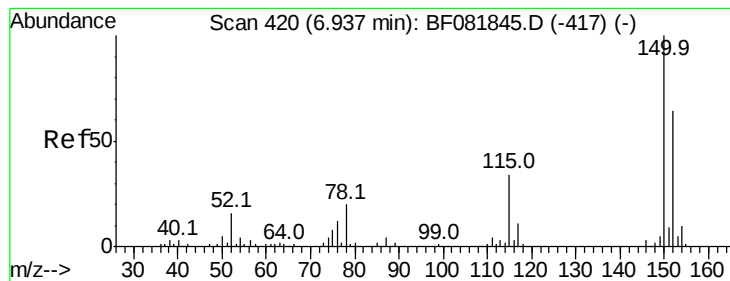
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-06-6.5-7.0-092915

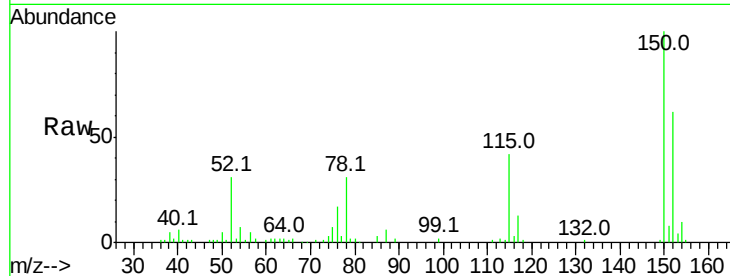
Tot Ion:152 Resp: 76832

Ion Ratio Lower Upper

152 100

150 160.6 124.7 187.1

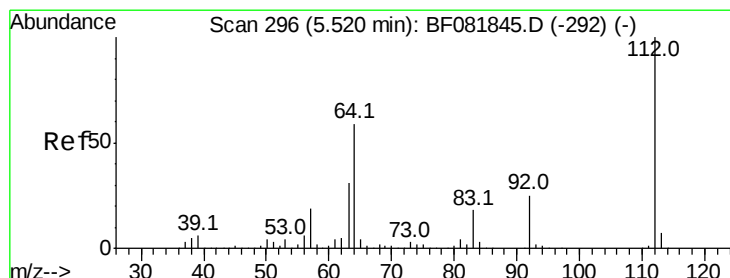
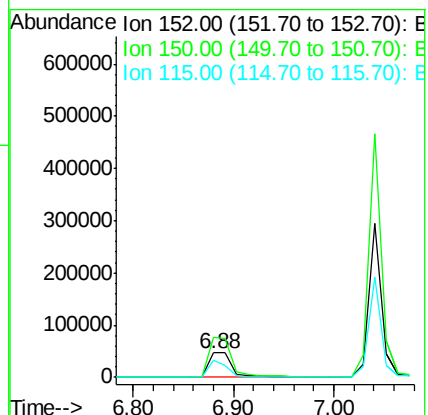
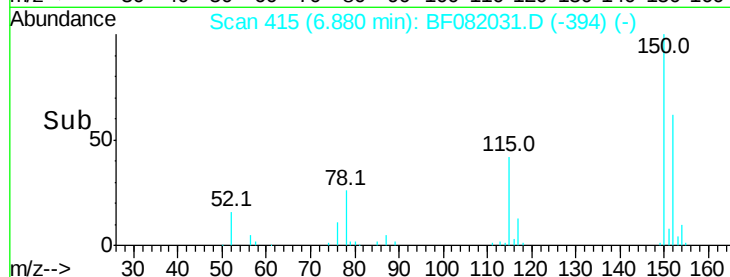
115 66.9 39.0 58.4#



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



#5

2-Fluorophenol

Concen: 141.96 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

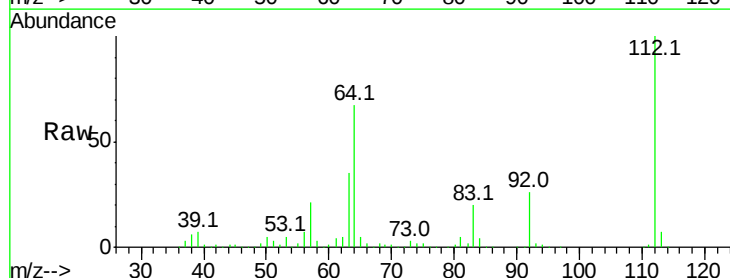
Tgt Ion:112 Resp: 600853

Ion Ratio Lower Upper

112 100

64 66.8 39.7 59.5#

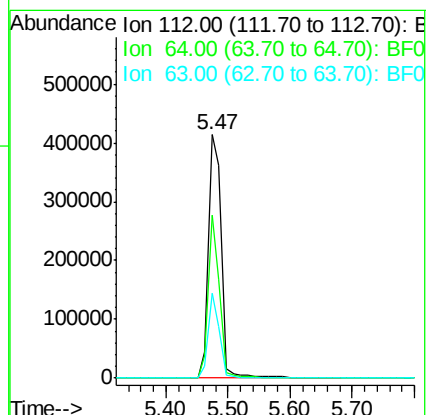
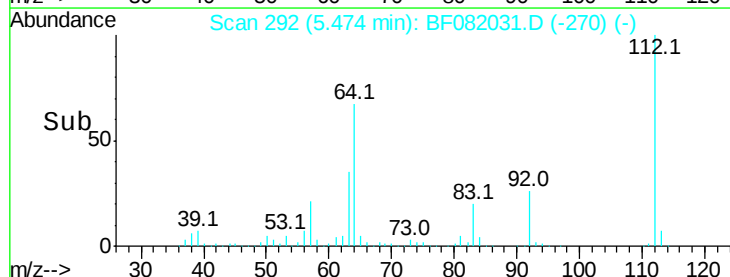
63 34.9 17.4 26.0#



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





#7

Phenol-d6

Concen: 150.87 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-06-6.5-7.0-092915

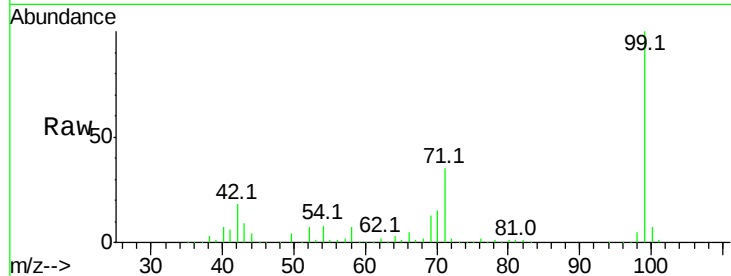
Tot Ion: 99 Resp: 803510

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

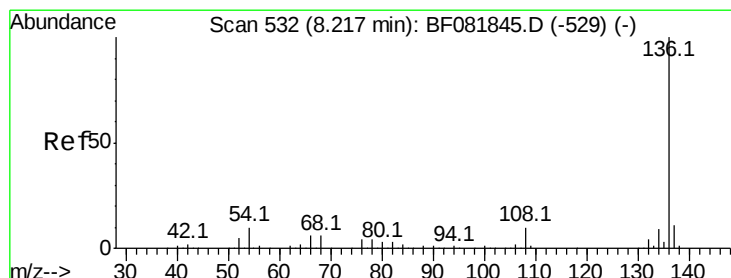
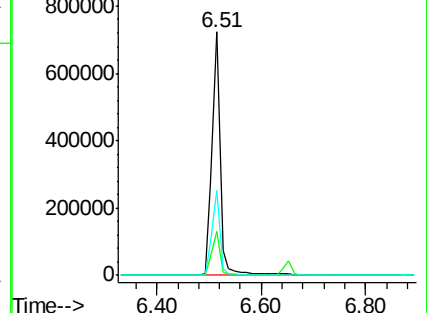
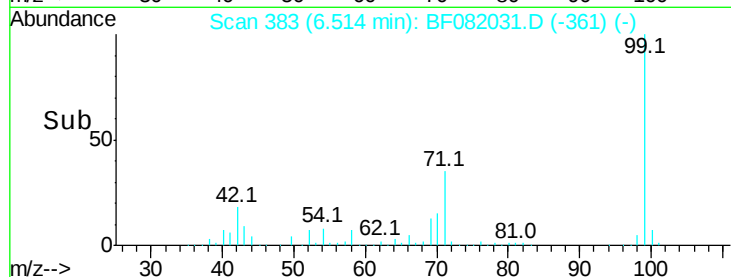
71 34.7 14.2 21.2#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Tgt Ion: 136 Resp: 327141

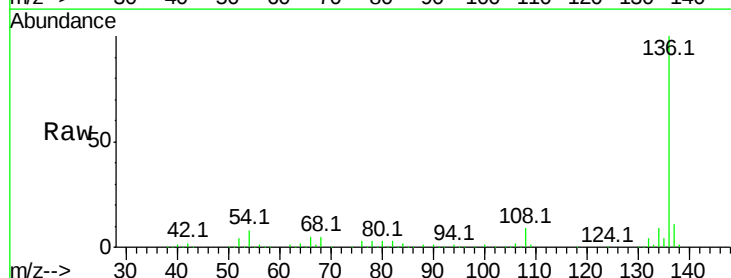
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.8 8.2 12.2#

68 5.1 5.8 8.6#

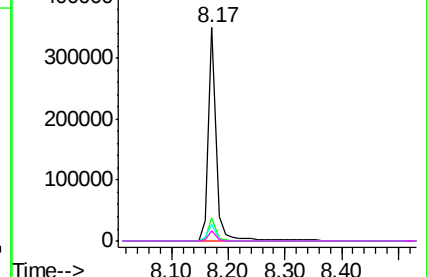
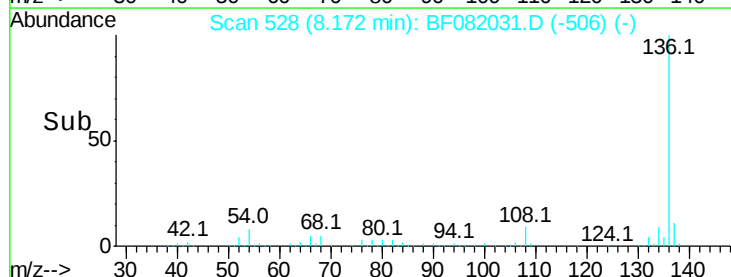


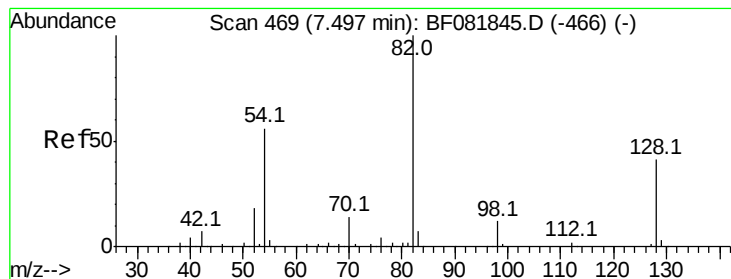
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 99.43 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-06-6.5-7.0-092915

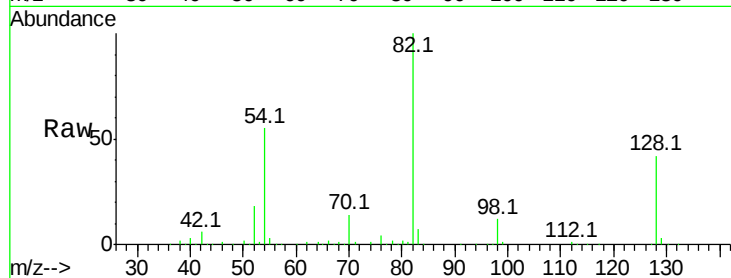
Tot Ion: 82 Resp: 487972

Ion Ratio Lower Upper

82 100

128 42.5 51.0 76.6#

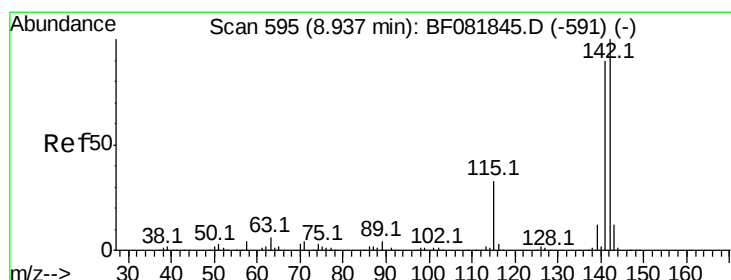
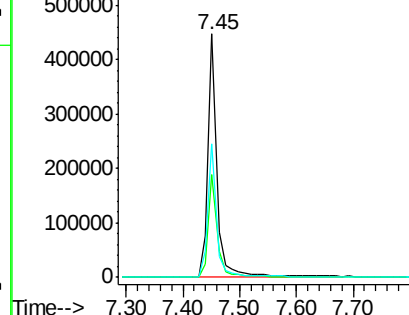
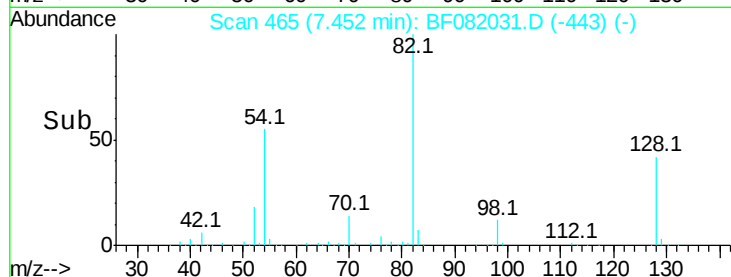
54 54.9 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#37

2-Methylnaphthalene

Concen: 3.68 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

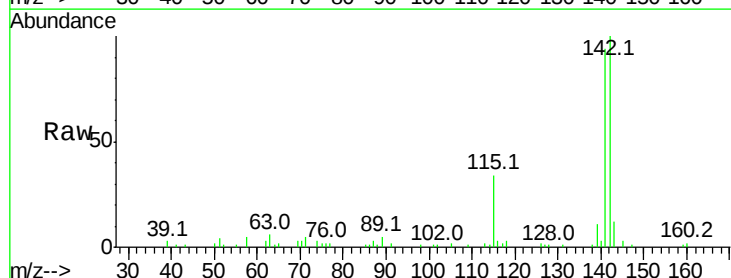
Tgt Ion:142 Resp: 36399

Ion Ratio Lower Upper

142 100

141 93.7 67.5 101.3

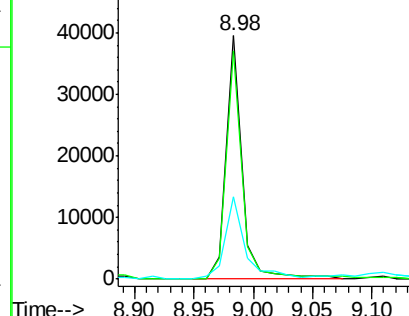
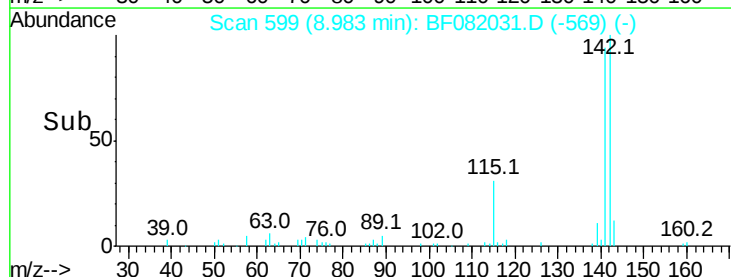
115 33.8 18.2 27.2#

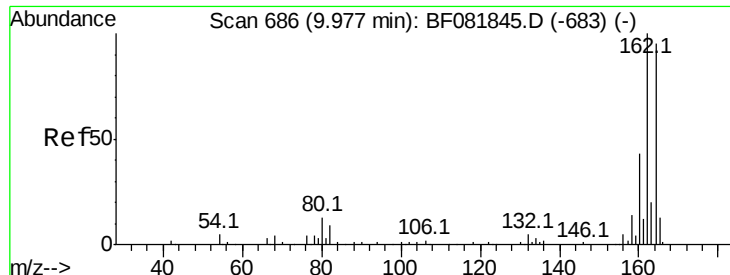


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

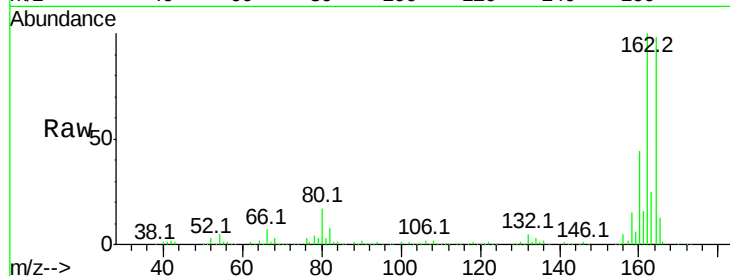




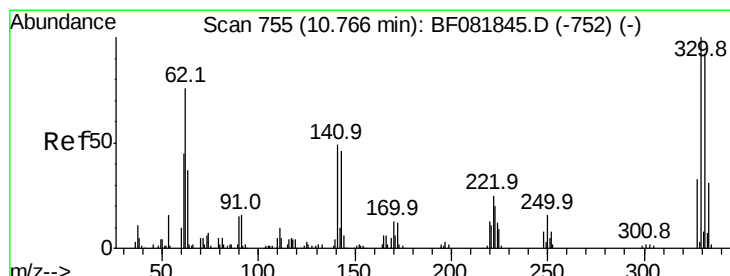
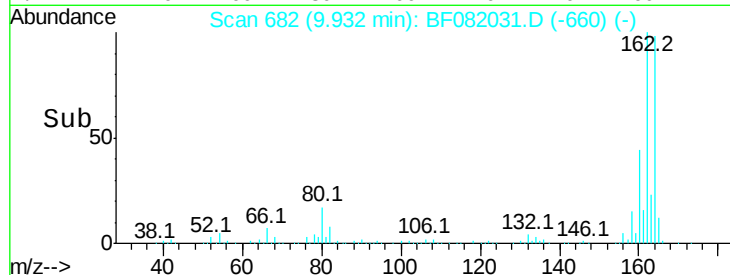
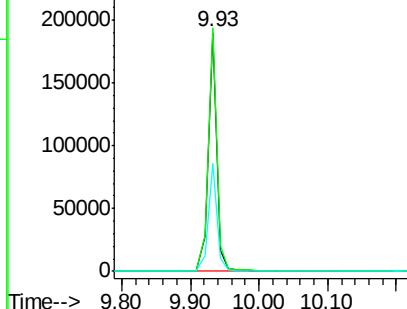
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tot Ion:164 Resp: 167554
Ion Ratio Lower Upper
164 100
162 101.8 75.2 112.8
160 44.9 31.5 47.3

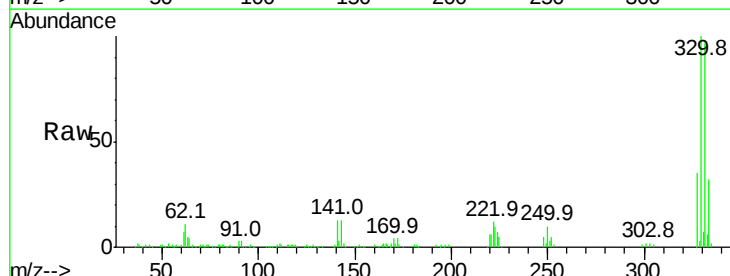


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

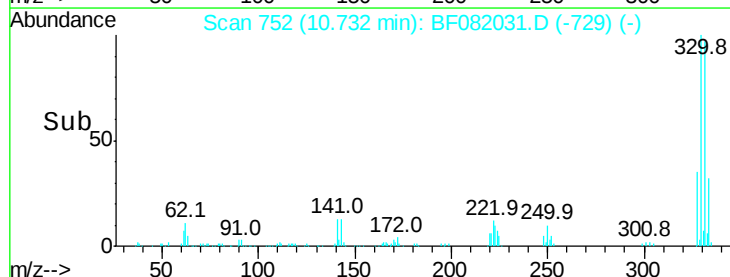
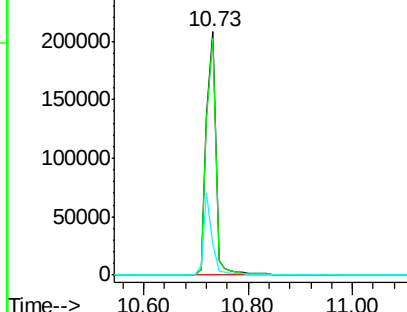


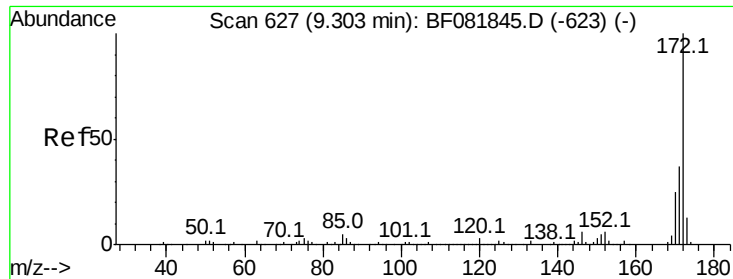
#41
2,4,6-Tribromophenol
Concen: 156.58 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:330 Resp: 265708
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 30.2 29.7 44.5



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

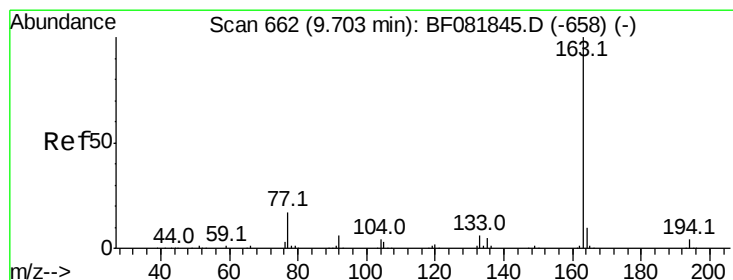
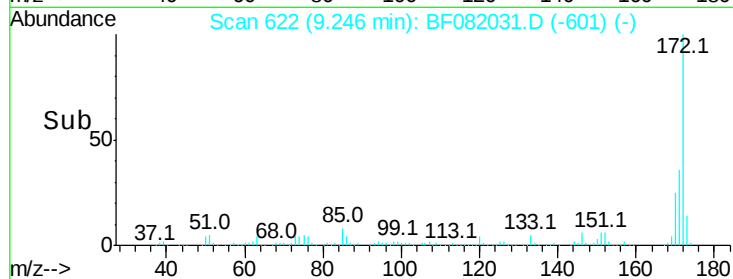
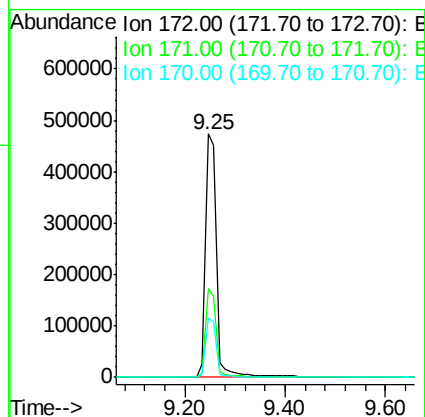
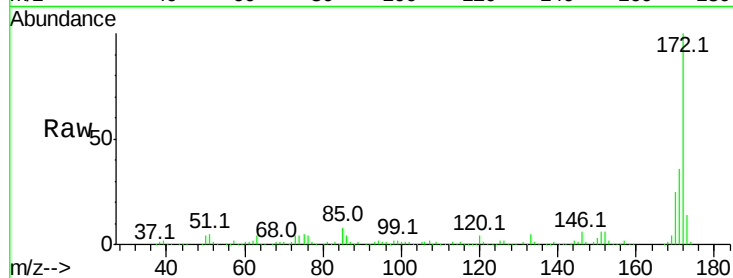




#44
 2-Fluorobiphenyl
 Concen: 70.23 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

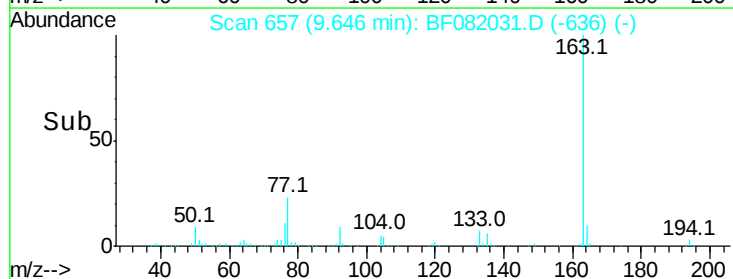
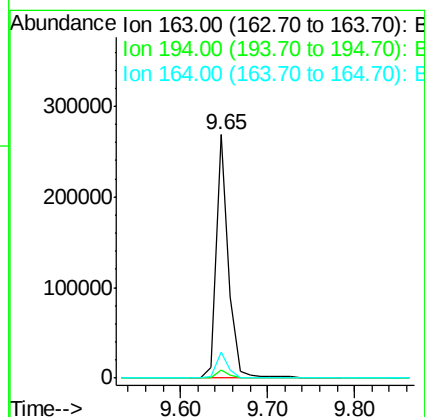
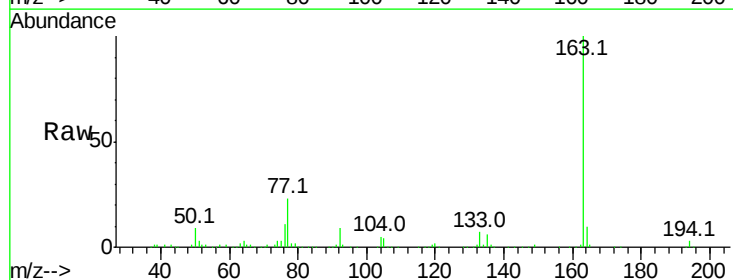
Instrument :
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 SB-06-6.5-7.0-092915

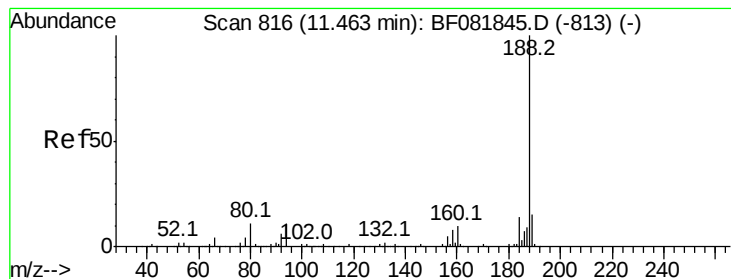
Tot Ion:172 Resp: 727384
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 23.20 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Tgt Ion:163 Resp: 268313
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 10.4 8.3 12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-06-6.5-7.0-092915

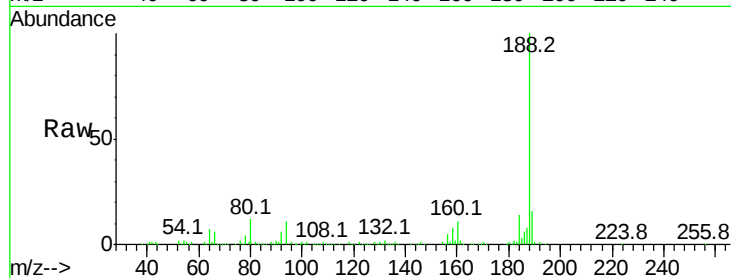
Tot Ion:188 Resp: 325106

Ion Ratio Lower Upper

188 100

94 11.2 11.1 16.7

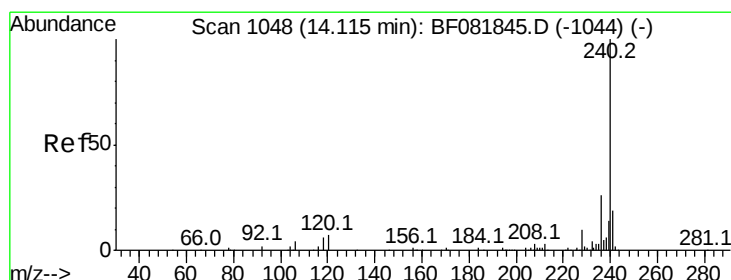
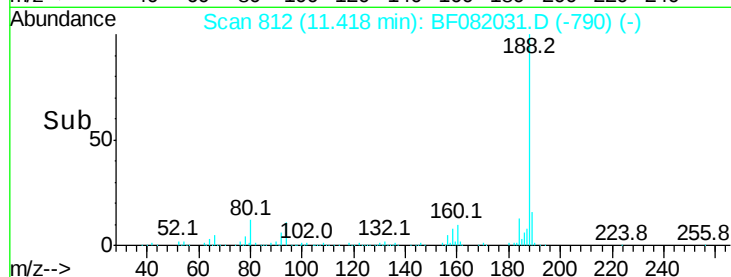
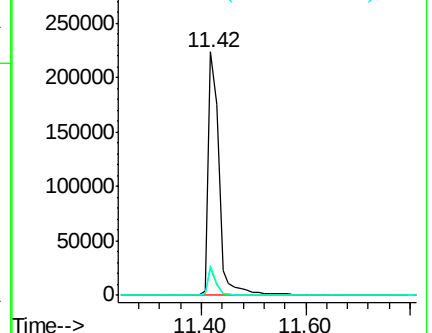
80 12.3 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

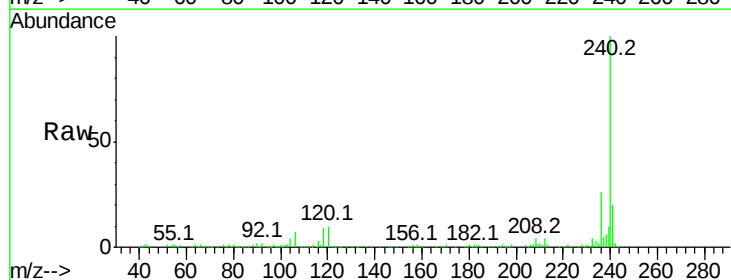
Tgt Ion:240 Resp: 300742

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

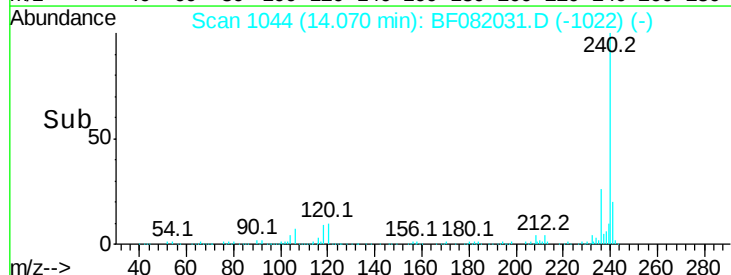
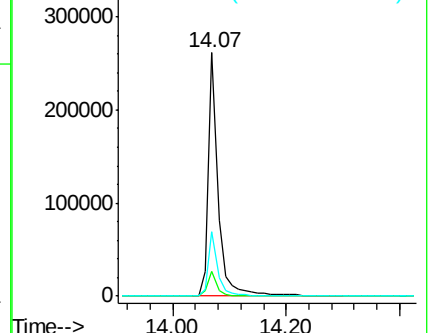
236 26.2 18.4 27.6

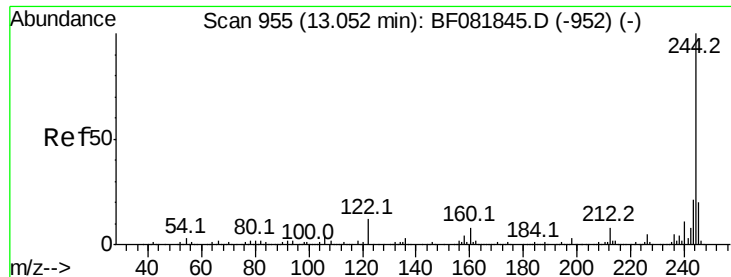


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

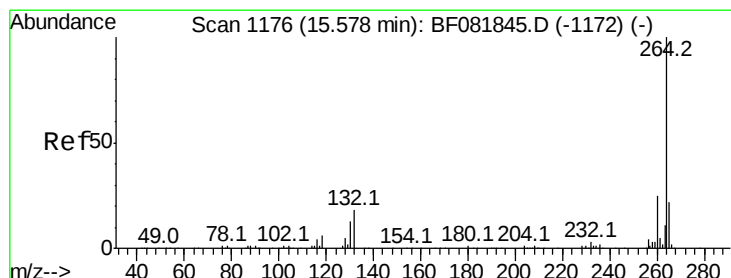
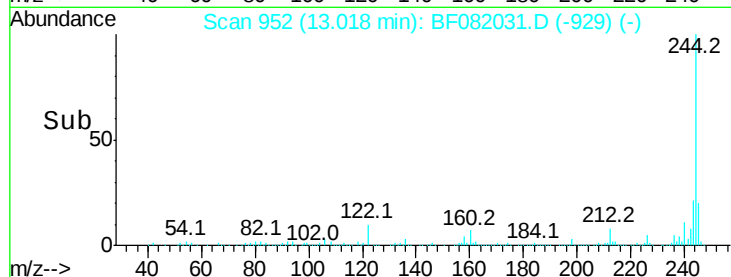
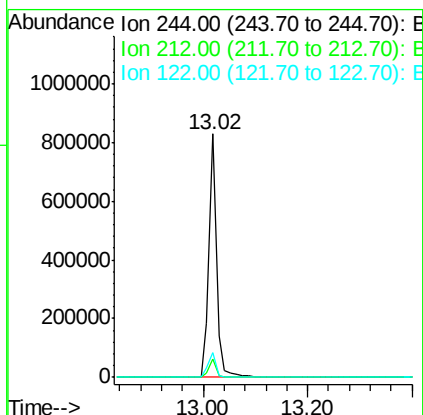
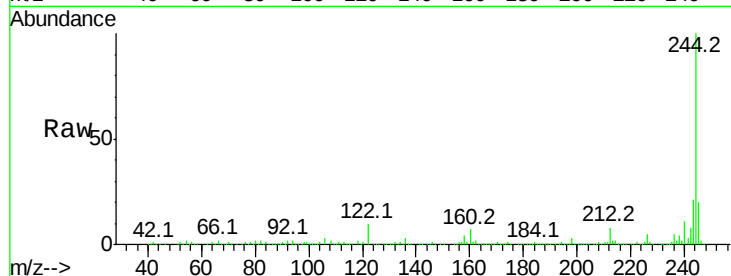




#78
 Terphenyl-d14
 Concen: 93.55 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-6.5-7.0-092915

Tot Ion:244 Resp: 847093
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 10.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Tgt Ion:264 Resp: 226970
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.6 17.2 25.8

