

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093839.D
 Acq On : 22 Mar 2017 18:29
 Operator : SJ/MA
 Sample : PB97680BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97680BL

Quant Time: Mar 23 01:34:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

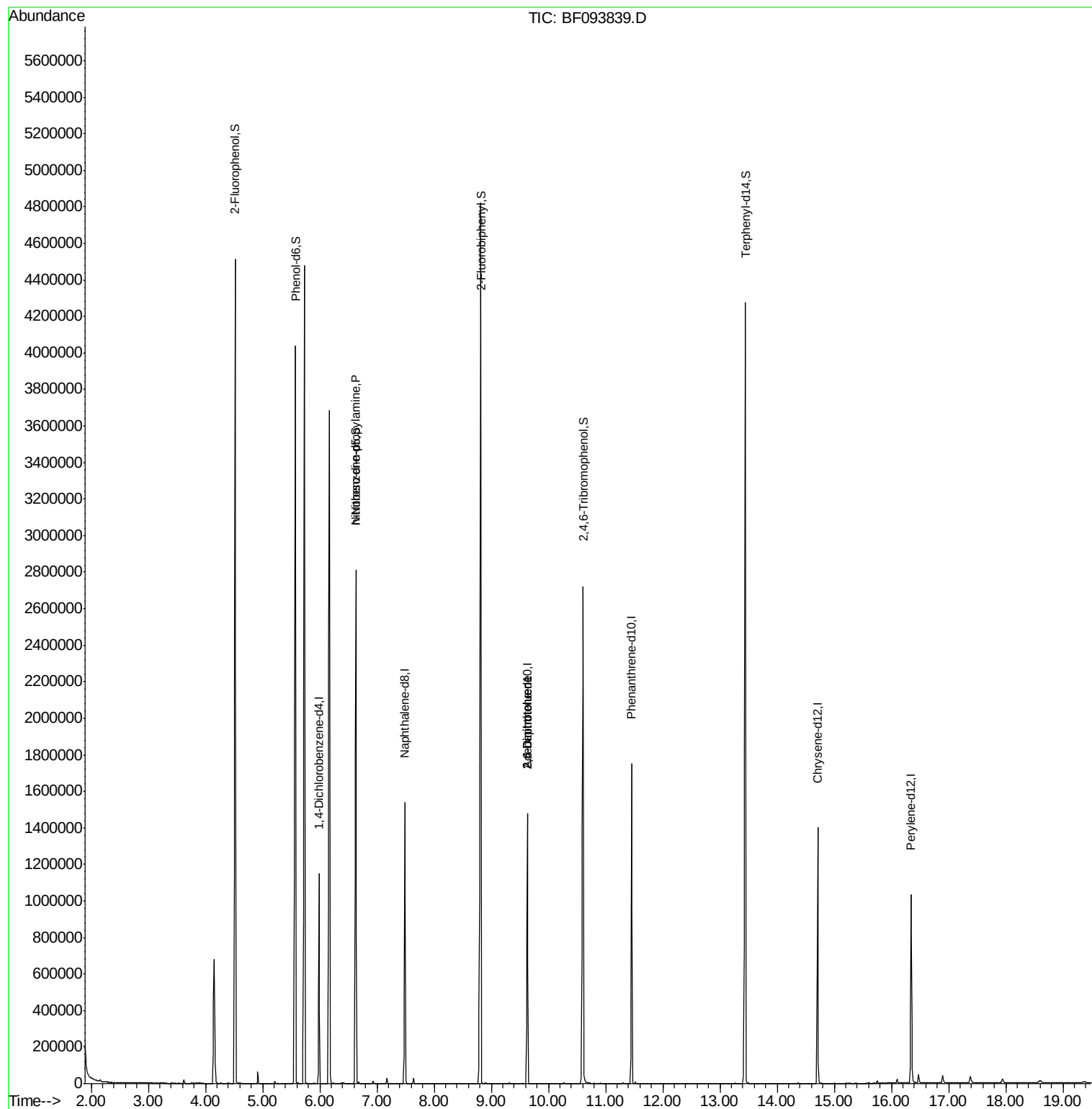
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	193763	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	809553	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	377848	20.00	ng	-0.01
63) Phenanthrene-d10	11.46	188	671337	20.00	ng	0.00
75) Chrysene-d12	14.71	240	536486	20.00	ng	0.00
86) Perylene-d12	16.34	264	424545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1516830	132.22	ng	0.02
7) Phenol-d6	5.57	99	1913784	134.85	ng	0.00
23) Nitrobenzene-d5	6.63	82	1207873	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	412632	138.20	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2185580	88.23	ng	0.00
78) Terphenyl-d14	13.44	244	1764761	73.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.63	70	159305	17.47	ng	# 78
50) 2,6-Dinitrotoluene	9.63	165	47601	7.73	ng	# 33
56) 2,4-Dinitrotoluene	9.63	165	47602	6.15	ng	# 33

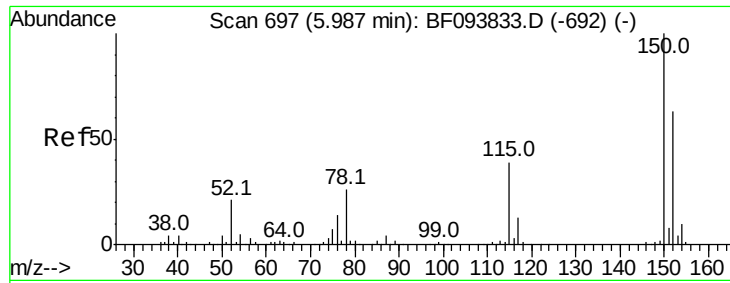
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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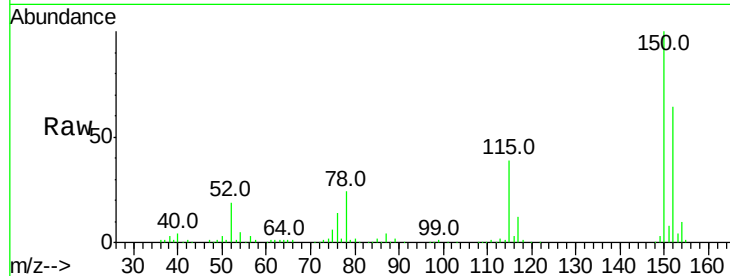


#1

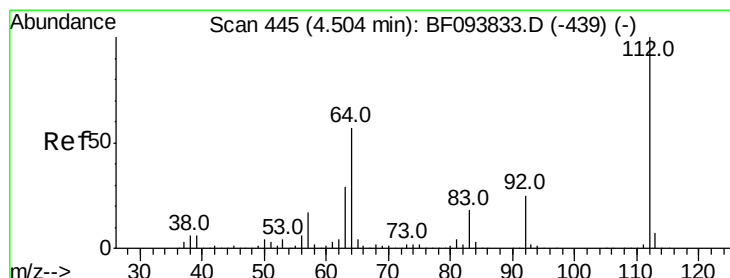
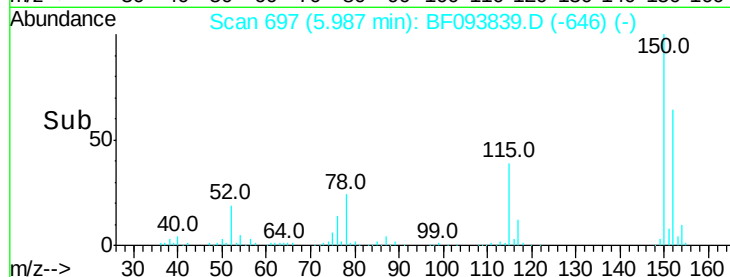
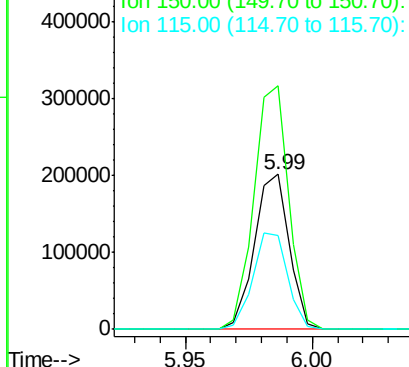
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093839.D
Acq: 22 Mar 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB97680BL

Tot Ion:152 Resp: 193763
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 60.5 52.2 78.2



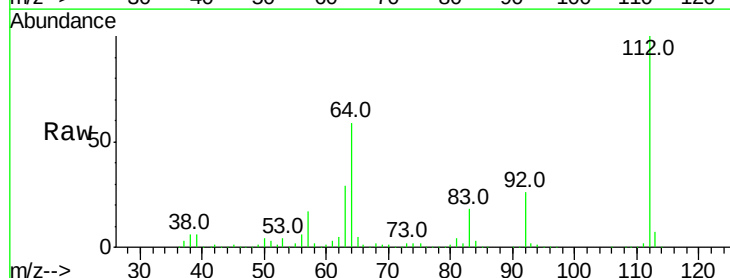
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



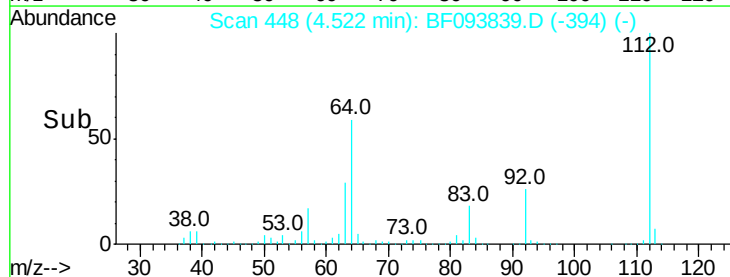
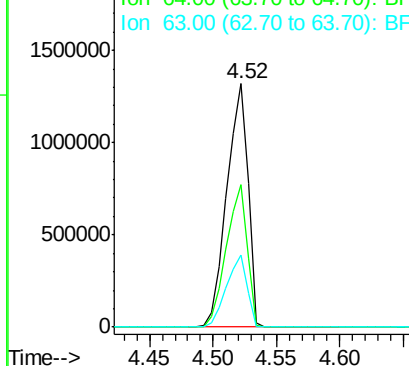
#5

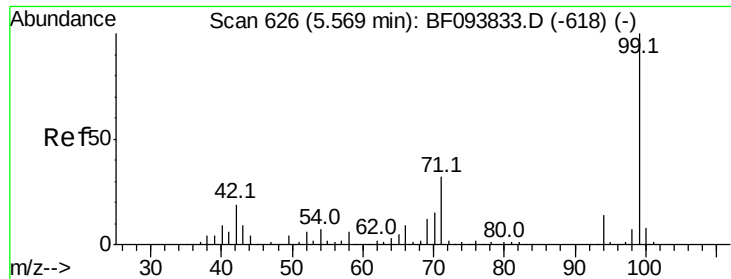
2-Fluorophenol
Concen: 132.22 ng
RT: 4.52 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093839.D
Acq: 22 Mar 2017 18:29

Tgt Ion:112 Resp: 1516830
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 29.5 23.4 35.0



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: 134.85 ng

RT: 5.57 min Scan# 627

Delta R.T. 0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB97680BL

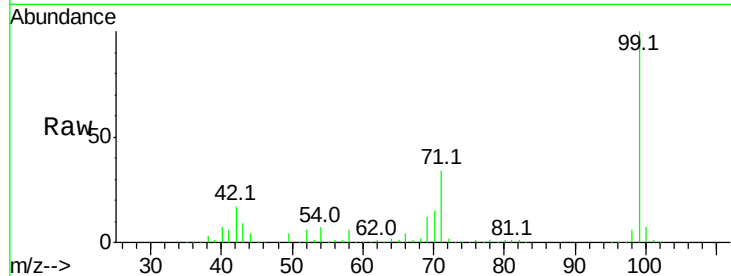
Tot Ion: 99 Resp: 1913784

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

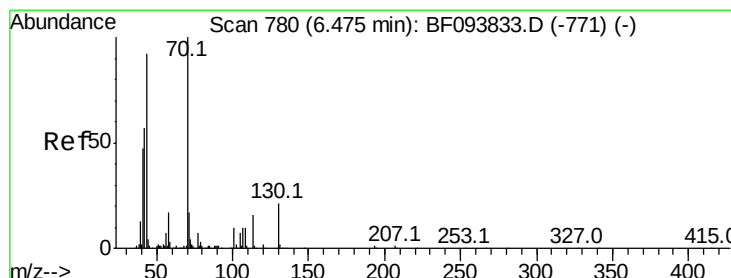
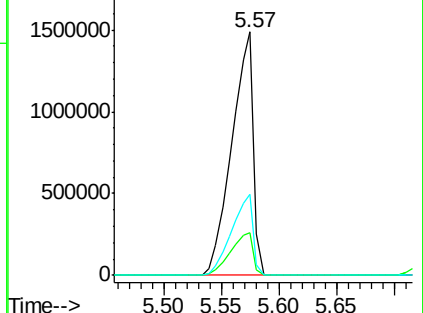
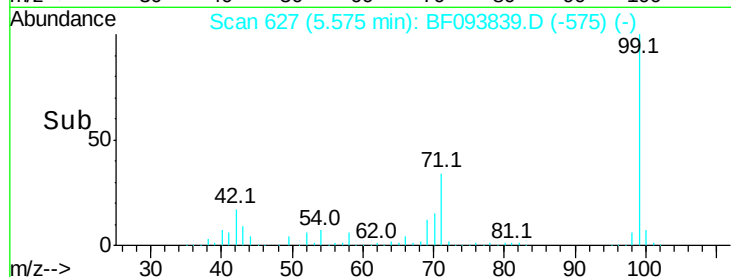
71 33.5 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.16 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Tgt Ion: 70 Resp: 159305

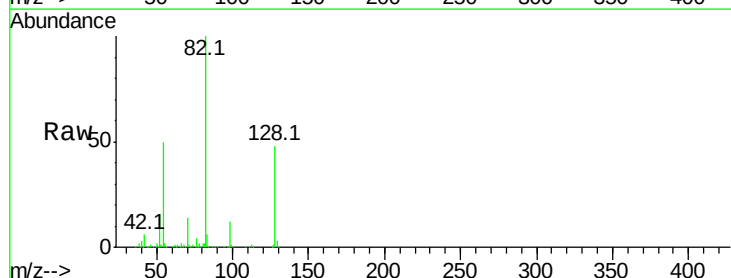
Ion Ratio Lower Upper

70 100

42 47.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

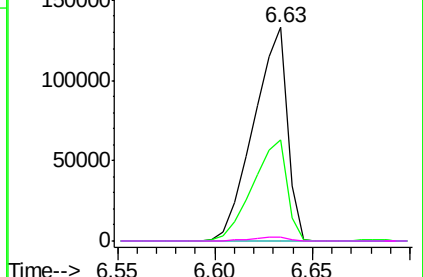
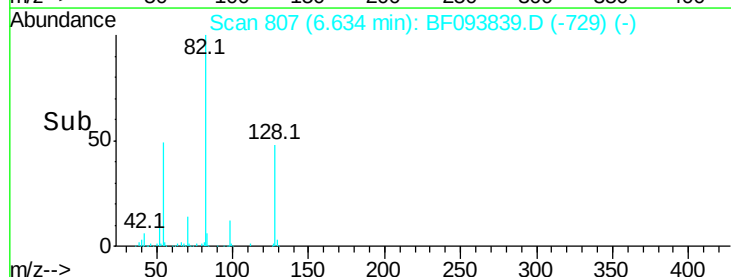


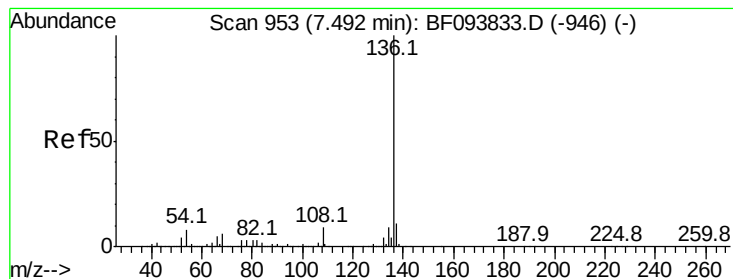
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB97680BL

Tot Ion:136 Resp: 809553

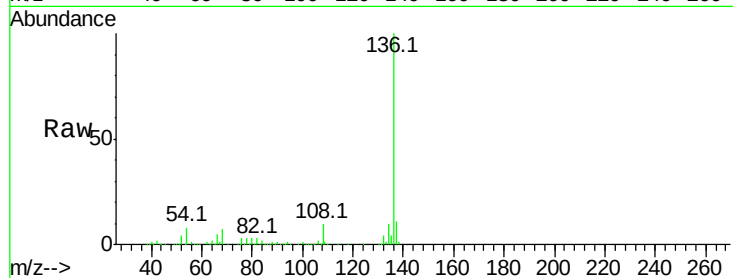
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 6.6 4.1 6.1#

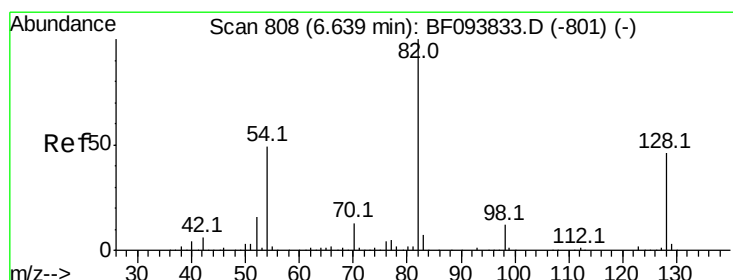
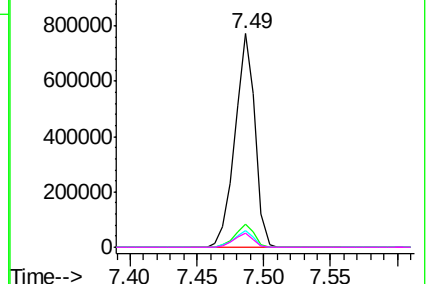
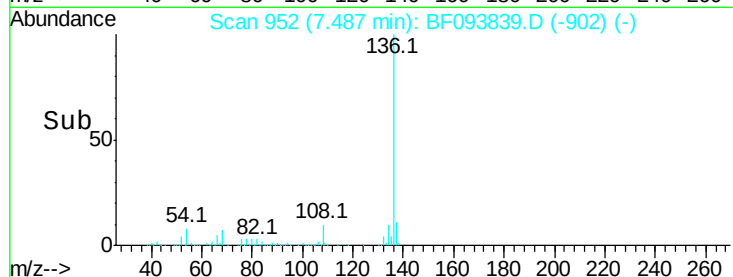


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.15 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF093839.D

Acq: 22 Mar 2017 18:29

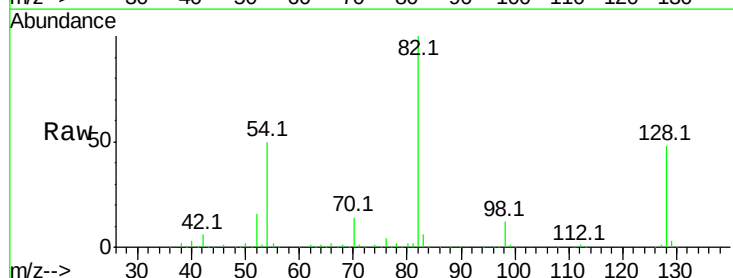
Tgt Ion: 82 Resp: 1207873

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

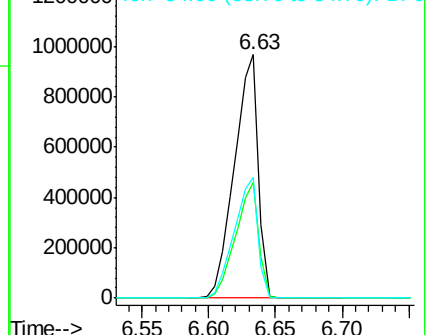
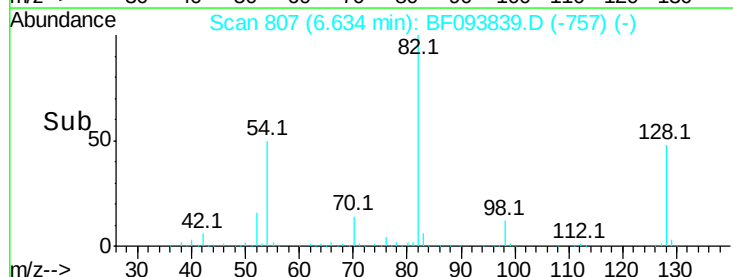
54 49.6 42.2 63.2

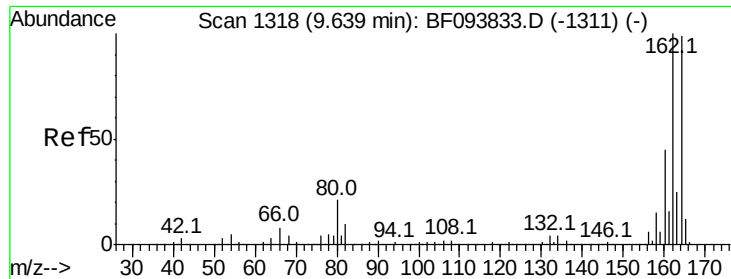


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

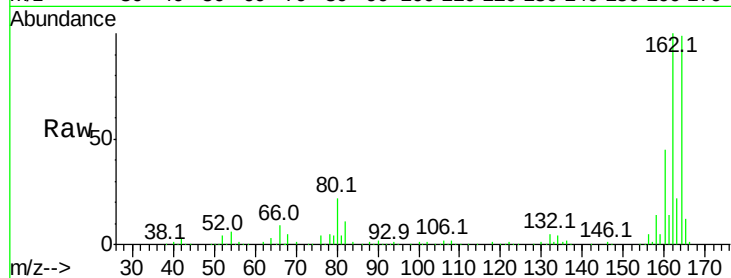




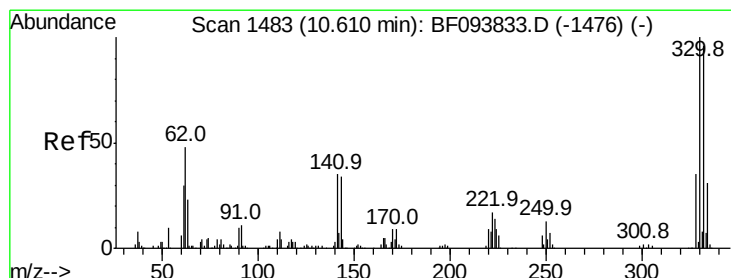
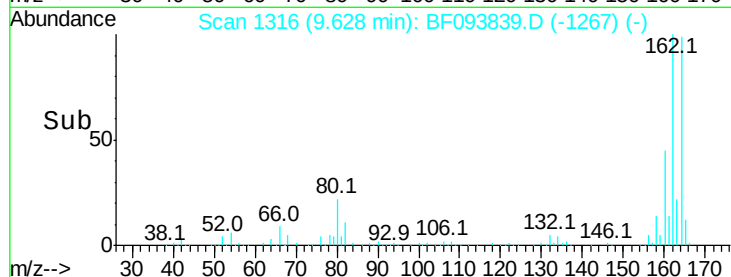
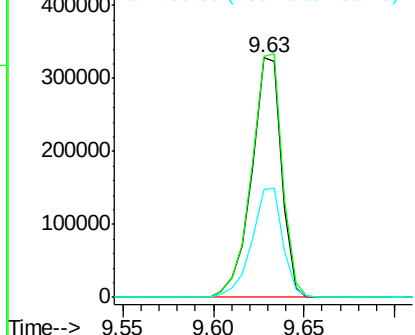
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF093839.D
Acq: 22 Mar 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB97680BL

Tot Ion:164 Resp: 377848
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 45.1 36.2 54.2

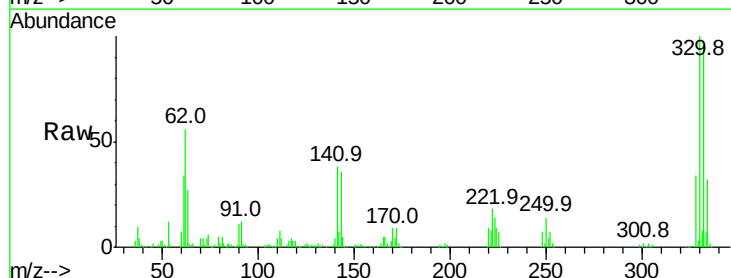


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

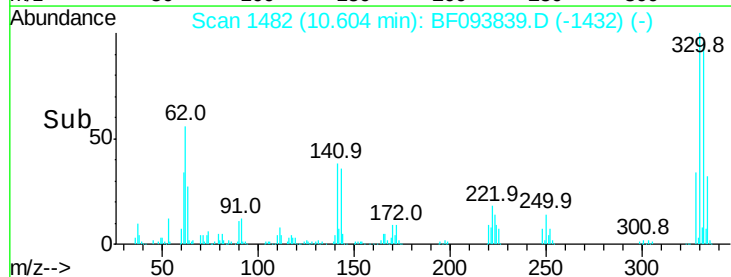
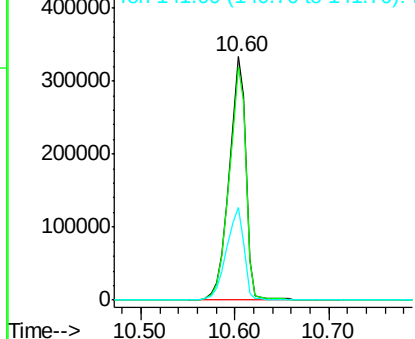


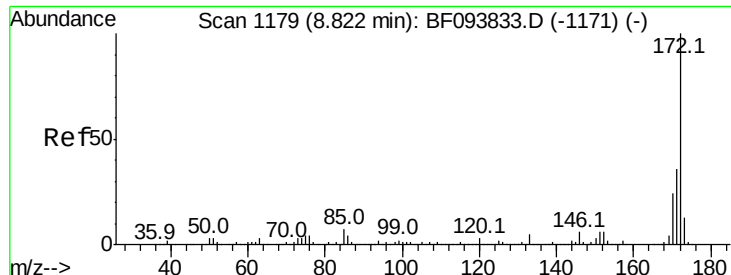
#41
2,4,6-Tribromophenol
Concen: 138.20 ng
RT: 10.60 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF093839.D
Acq: 22 Mar 2017 18:29

Tgt Ion:330 Resp: 412632
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 40.1 31.4 47.2



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



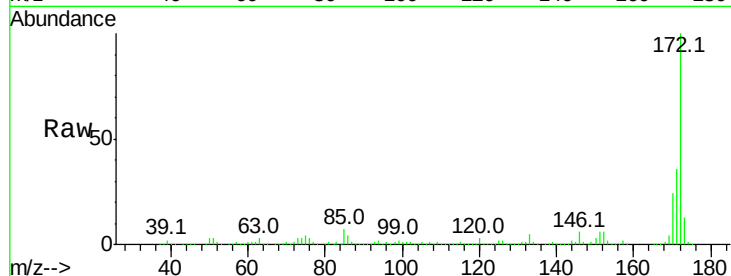


#44
 2-Fluorobiphenyl
 Concen: 88.23 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

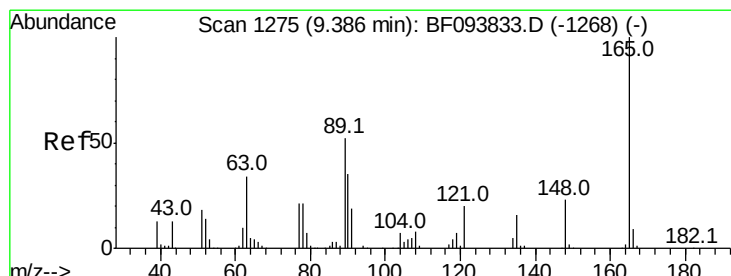
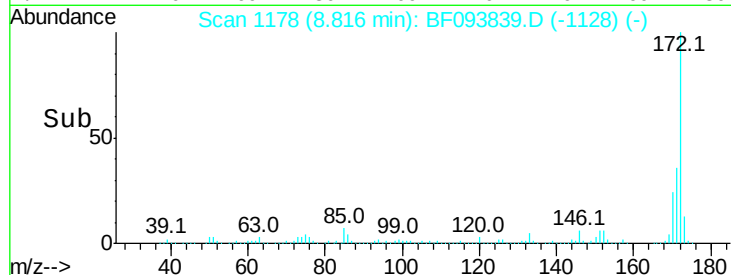
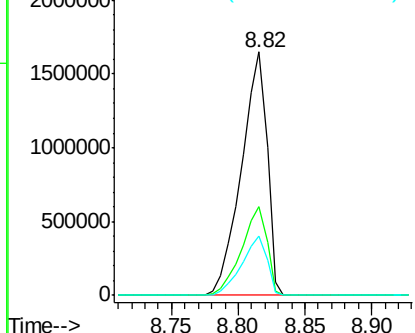
Instrument :
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 ClientSampleId :
 PB97680BL

Tot Ion:172 Resp: 2185580

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8



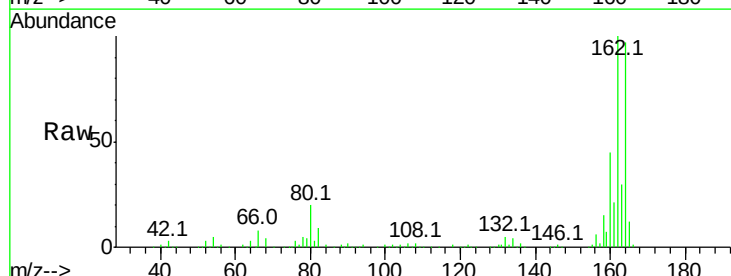
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



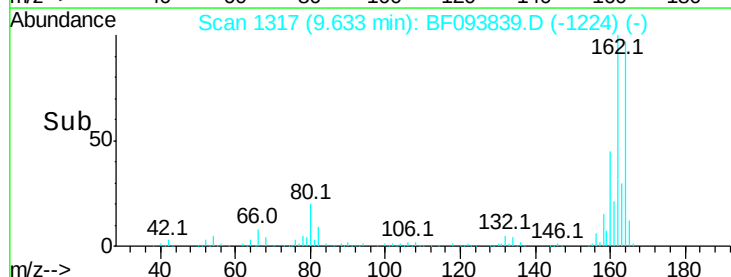
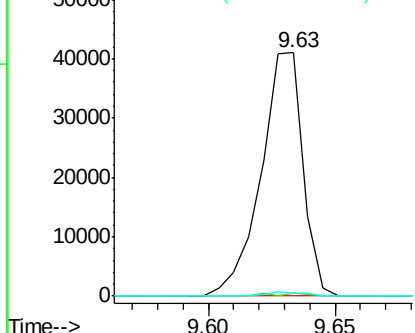
#50
 2,6-Dinitrotoluene
 Concen: 7.73 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. 0.25 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

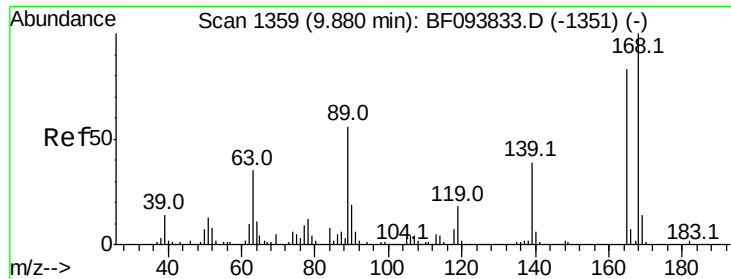
Tgt Ion:165 Resp: 47601

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

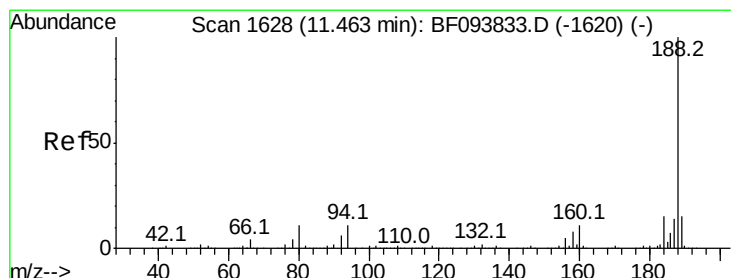
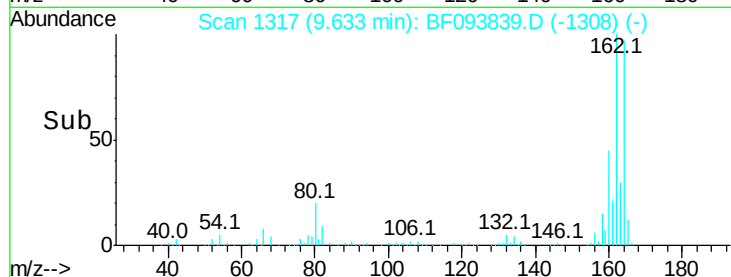
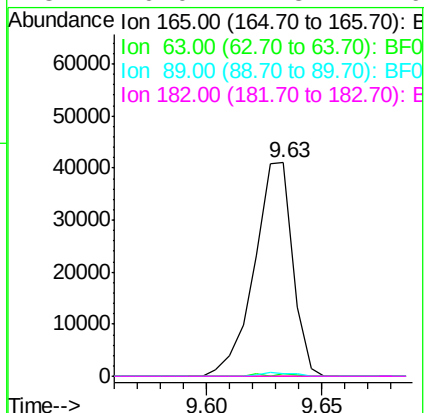
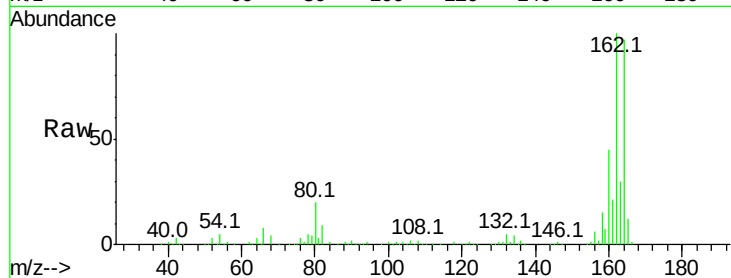




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

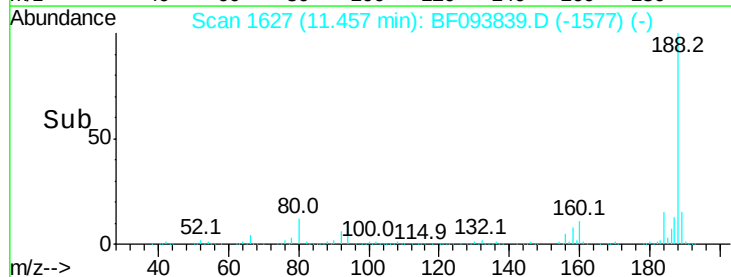
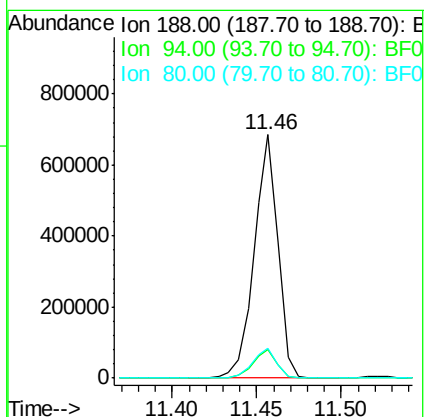
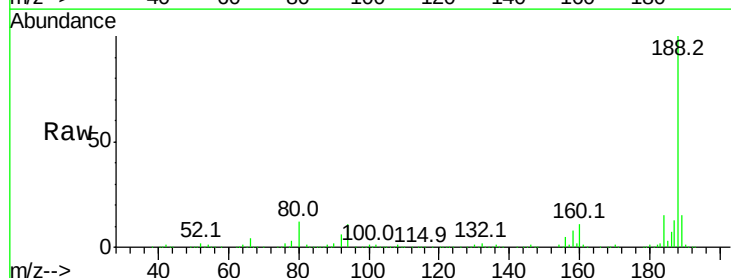
Instrument :
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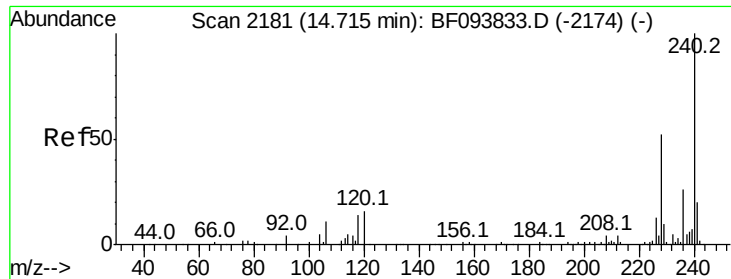
Tot Ion:165 Resp: 47602
 Ion Ratio Lower Upper
 165 100
 63 1.4 25.4 38.0#
 89 1.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Tgt Ion:188 Resp: 671337
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 12.0 10.2 15.2

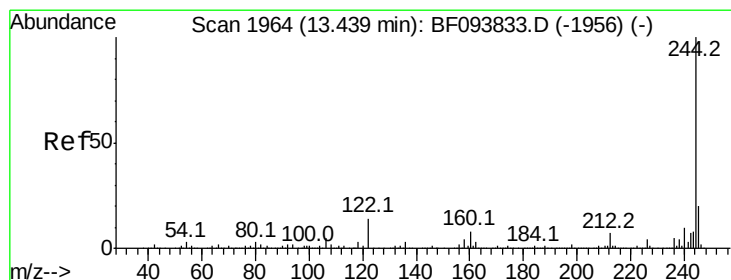
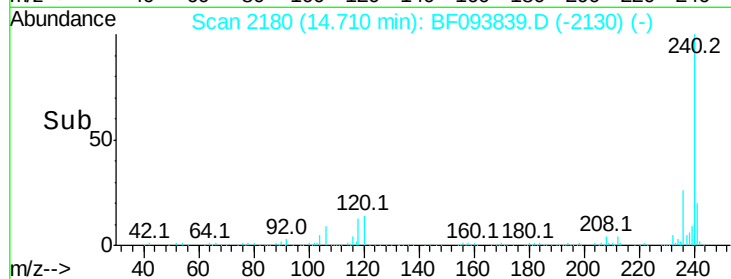
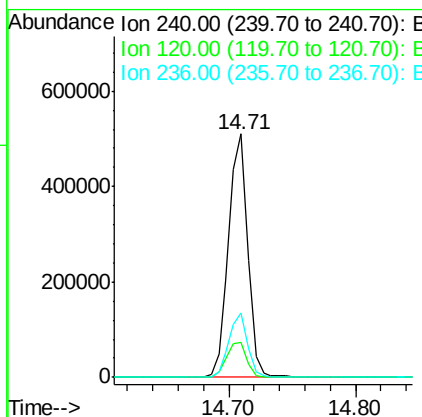
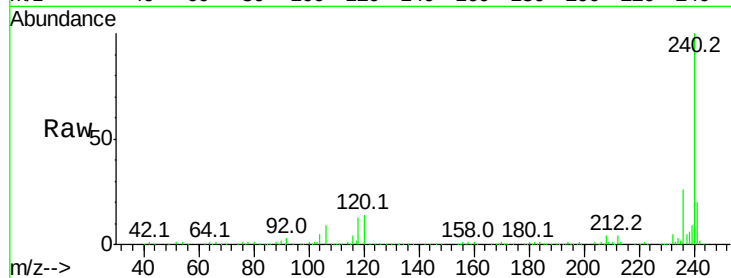




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

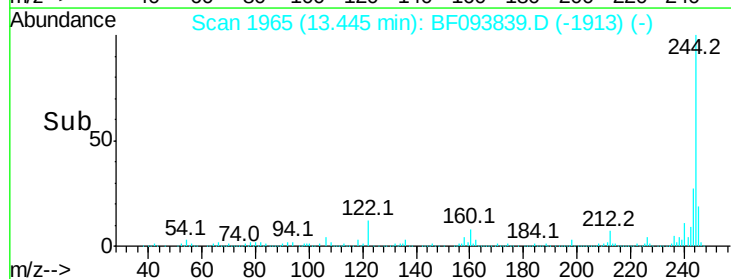
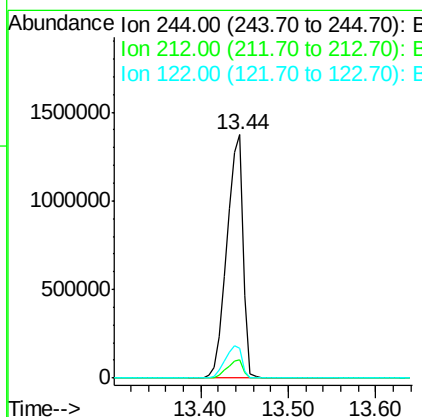
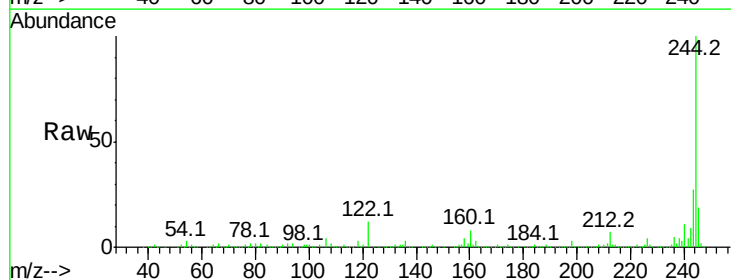
Instrument :
 BNA_F
 ClientSampleId :
 PB97680BL

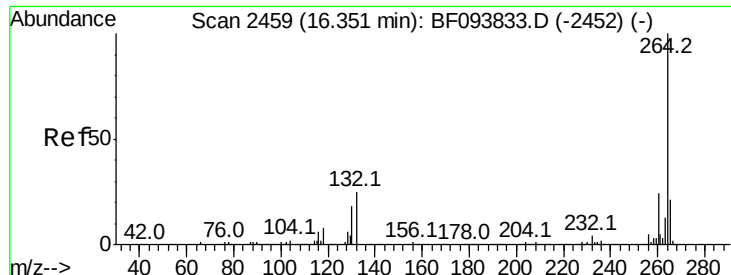
Tot Ion:240 Resp: 536486
 Ion Ratio Lower Upper
 240 100
 120 14.2 5.8 8.8#
 236 26.4 20.5 30.7



#78
 Terphenyl-d14
 Concen: 73.73 ng
 RT: 13.44 min Scan# 1965
 Delta R.T. 0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Tgt Ion:244 Resp: 1764761
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.5 10.3 15.5

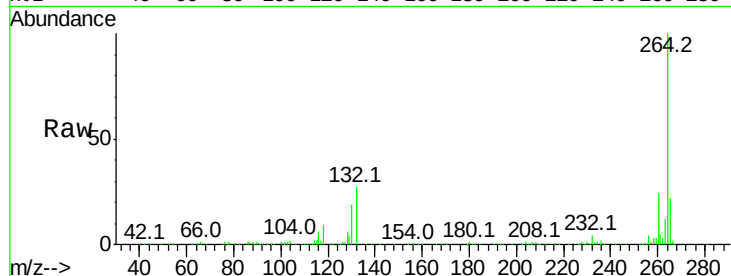




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093839.D
 Acq: 22 Mar 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97680BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.4	17.2	25.8



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

