

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093936.D
 Acq On : 25 Mar 2017 4:53
 Operator : SJ/MA
 Sample : I2379-02 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Mar 25 05:16:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

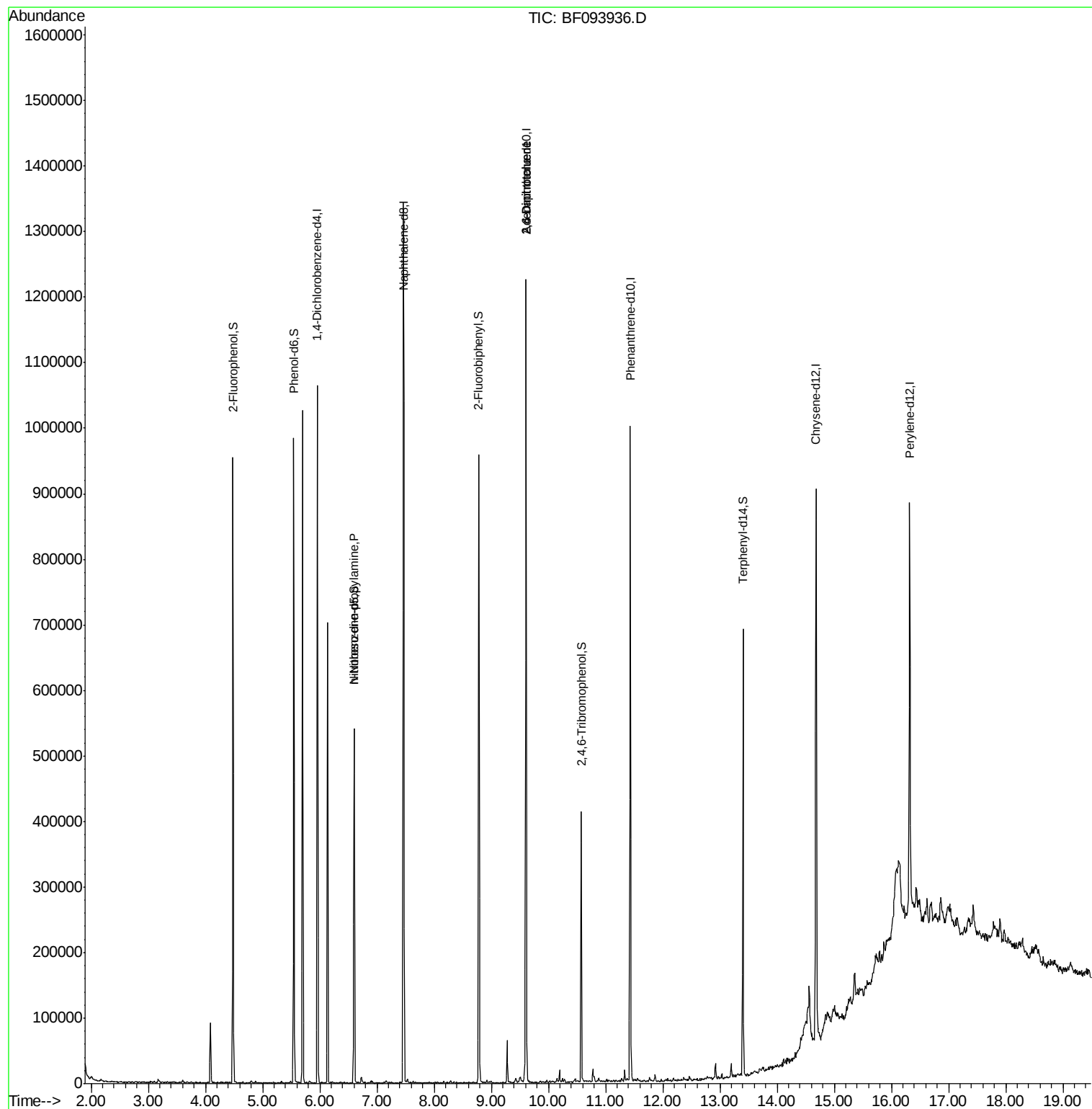
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.96	152	168054	20.00	ng	-0.03
21) Naphthalene-d8	7.46	136	654323	20.00	ng	-0.03
38) Acenaphthene-d10	9.60	164	270318	20.00	ng	-0.04
63) Phenanthrene-d10	11.43	188	403445	20.00	ng	-0.03
75) Chrysene-d12	14.68	240	327053	20.00	ng	-0.04
86) Perylene-d12	16.32	264	247375	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	253627	25.49	ng	-0.02
7) Phenol-d6	5.55	99	314748	25.57	ng	-0.02
23) Nitrobenzene-d5	6.60	82	178747	15.59	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	46889	21.95	ng	-0.04
44) 2-Fluorobiphenyl	8.79	172	335447	18.93	ng	-0.04
78) Terphenyl-d14	13.40	244	201710	13.82	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.60	70	22678	2.87	ng	# 82
50) 2,6-Dinitrotoluene	9.60	165	33866	7.69	ng	# 33
56) 2,4-Dinitrotoluene	9.60	165	33867	6.12	ng	# 33

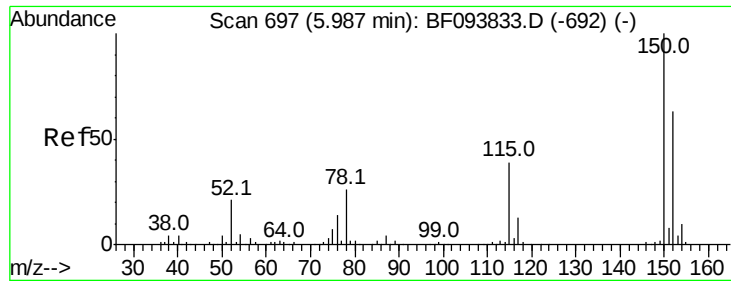
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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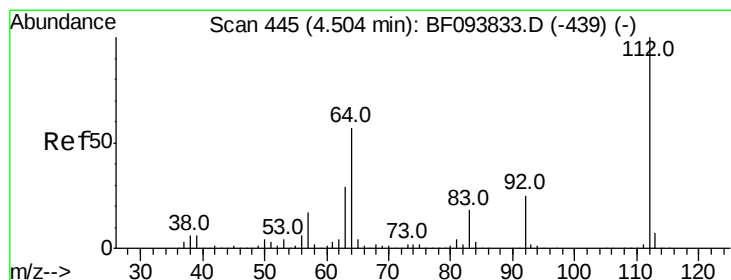
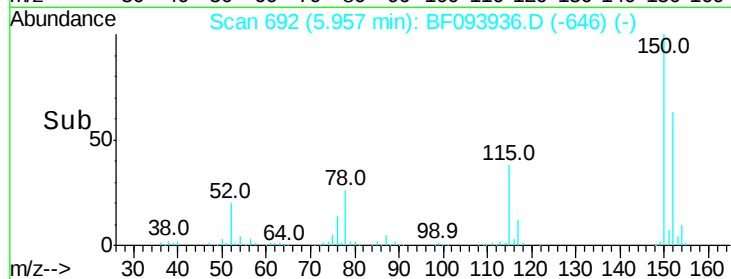
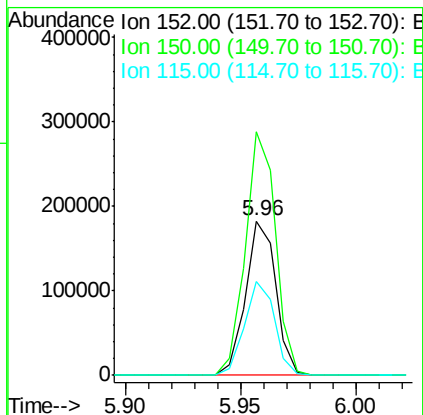
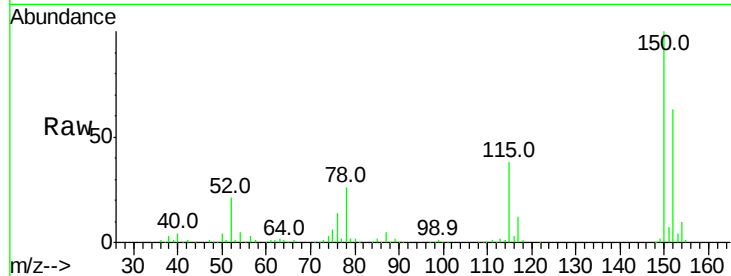


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.96 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Instrument :
BNA_F
ClientSampleId :
B-2

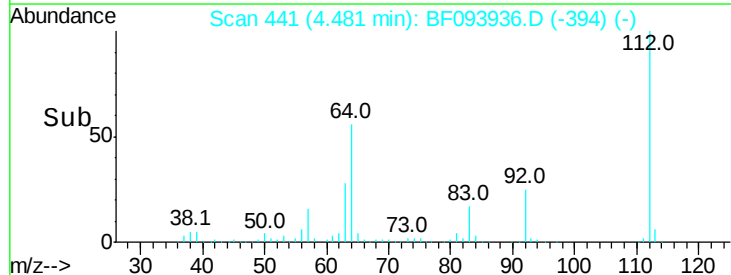
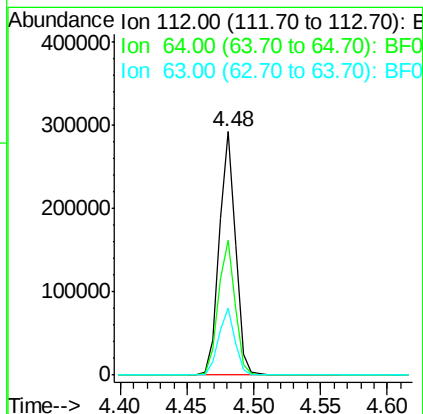
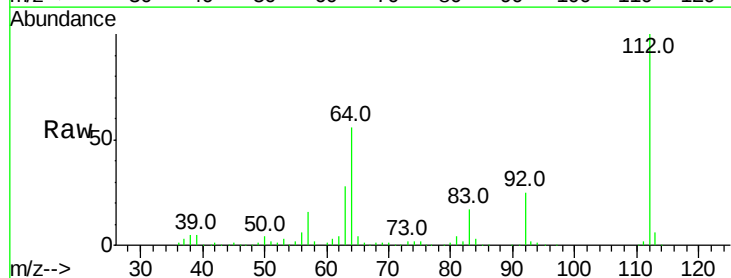
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	60.6	52.2	78.2

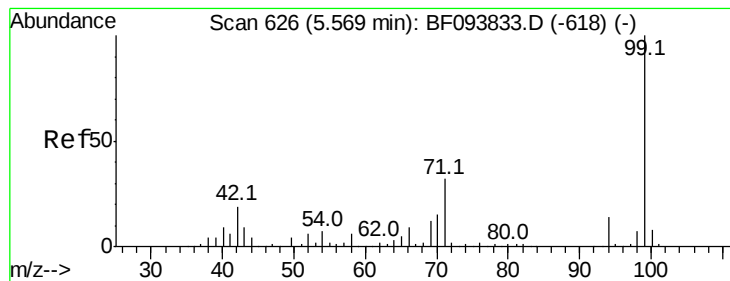


#5

2-Fluorophenol
Concen: 25.49 ng
RT: 4.48 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 25.57 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

Instrument :

BNA_F

ClientSampleId :

B-2

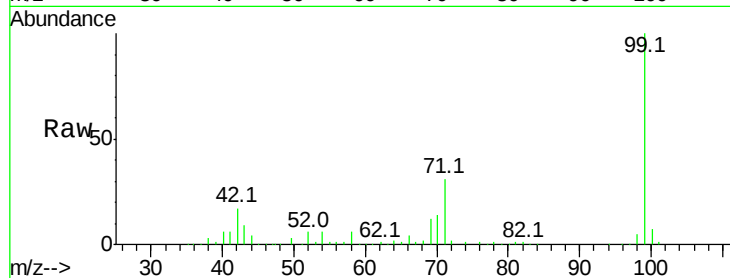
Tot Ion: 99 Resp: 314748

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

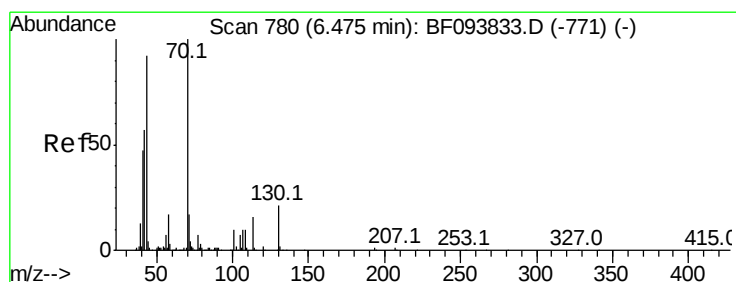
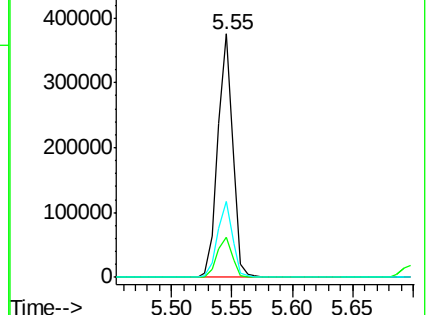
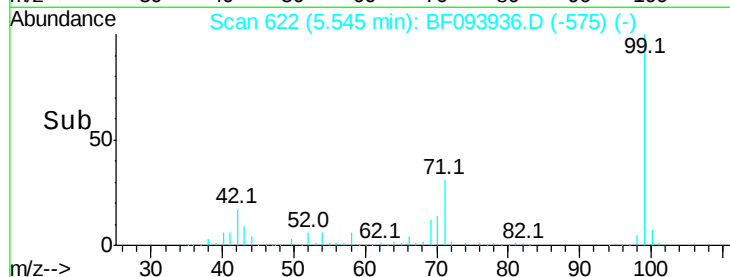
71 31.0 24.5 36.7



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: 2.87 ng

RT: 6.60 min Scan# 801

Delta R.T. 0.12 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

Tgt Ion: 70 Resp: 22678

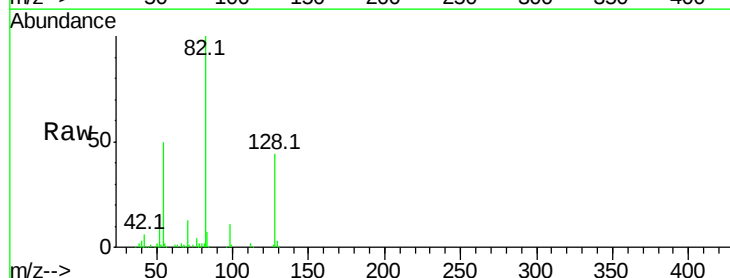
Ion Ratio Lower Upper

70 100

42 50.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.8 15.9 23.9#

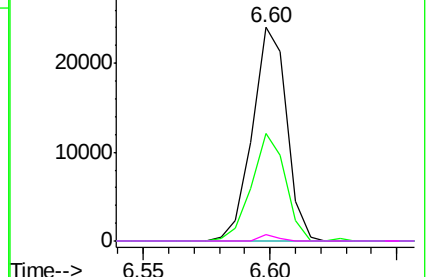
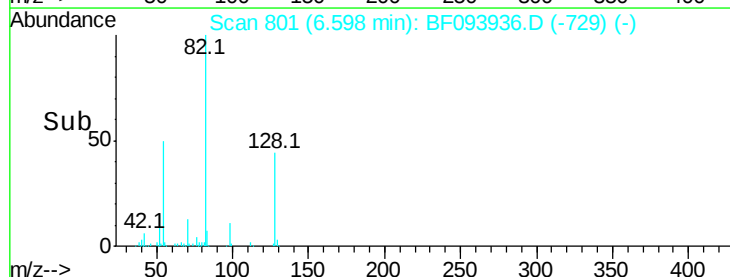


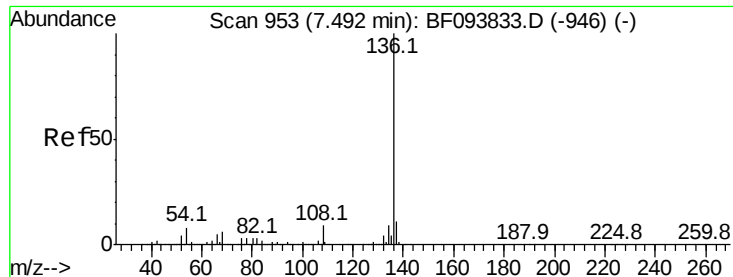
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.46 min Scan# 948

Delta R.T. -0.03 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

Instrument :

BNA_F

ClientSampleId :

B-2

Tot Ion:136 Resp: 654323

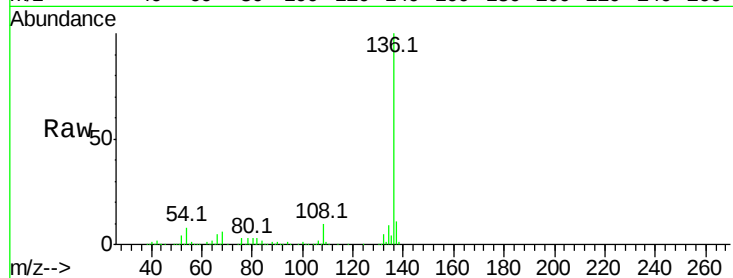
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.1 4.9 7.3#

68 6.5 4.1 6.1#

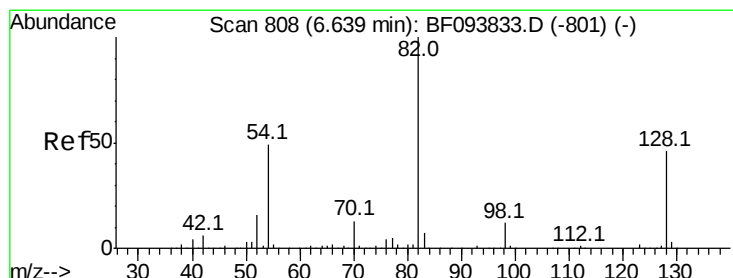
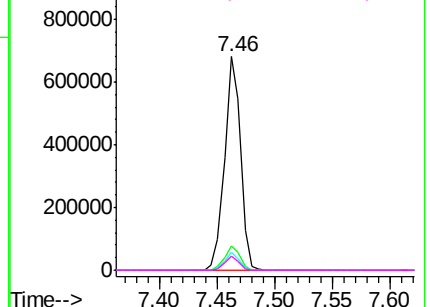
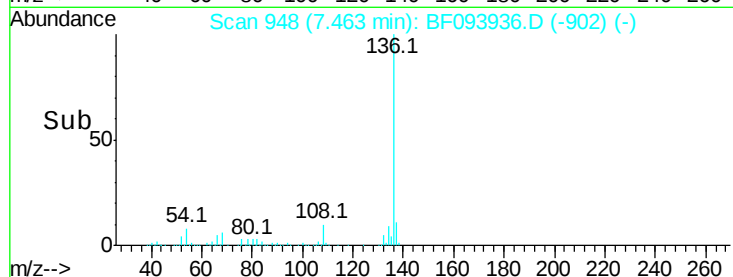


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.59 ng

RT: 6.60 min Scan# 801

Delta R.T. -0.04 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

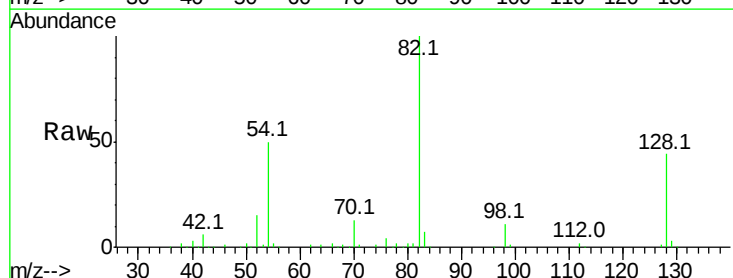
Tgt Ion: 82 Resp: 178747

Ion Ratio Lower Upper

82 100

128 43.9 34.0 51.0

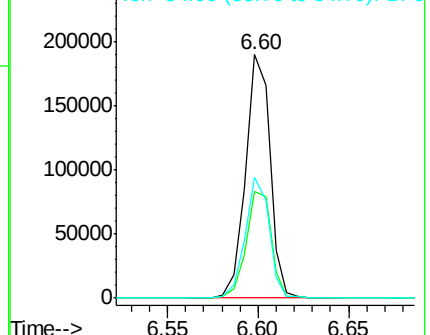
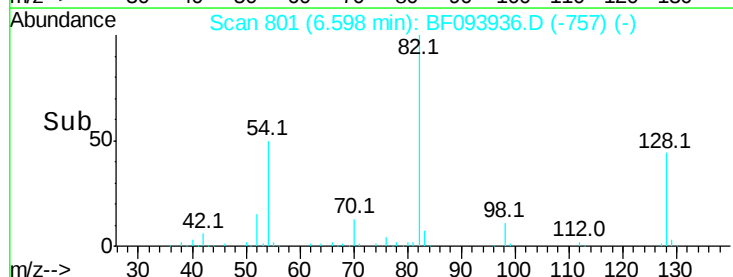
54 49.7 42.2 63.2

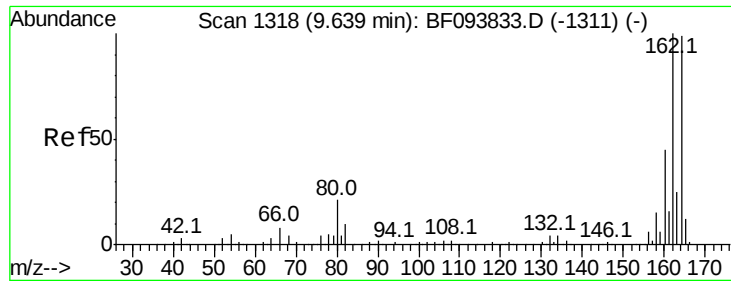


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

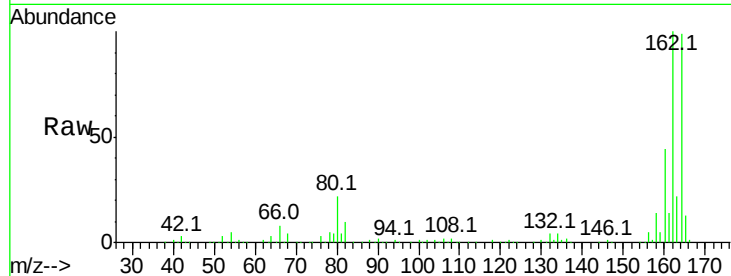




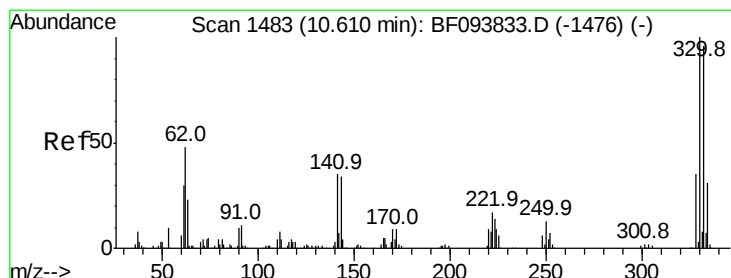
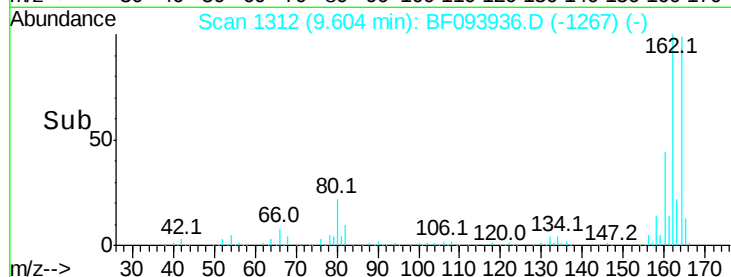
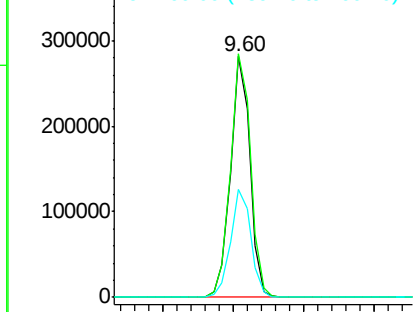
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion:164 Resp: 270318
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 44.9 36.2 54.2

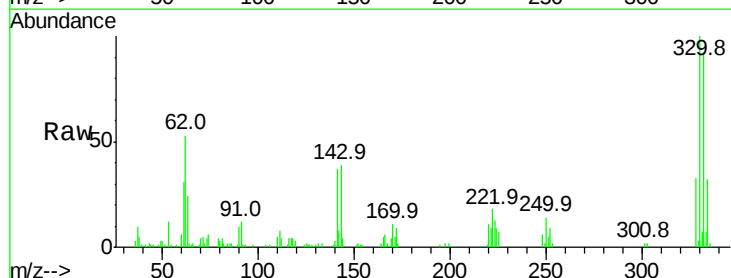


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

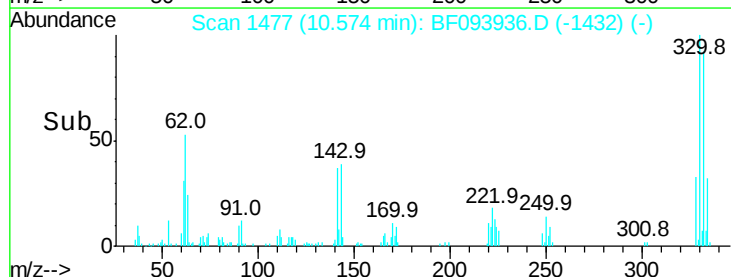
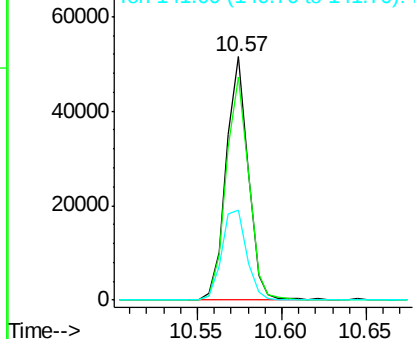


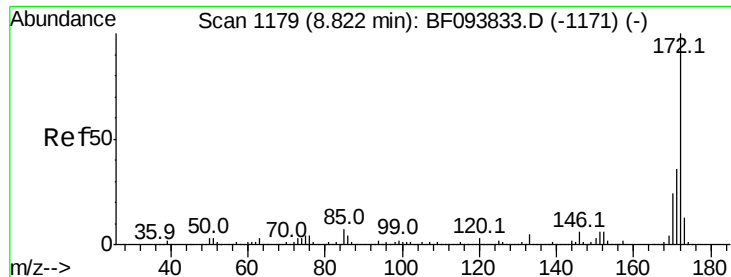
#41
2,4,6-Tribromophenol
Concen: 21.95 ng
RT: 10.57 min Scan# 1477
Delta R.T. -0.04 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Tgt Ion:330 Resp: 46889
Ion Ratio Lower Upper
330 100
332 93.6 76.6 115.0
141 41.6 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

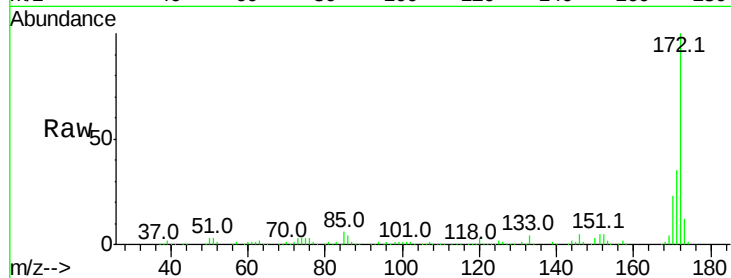




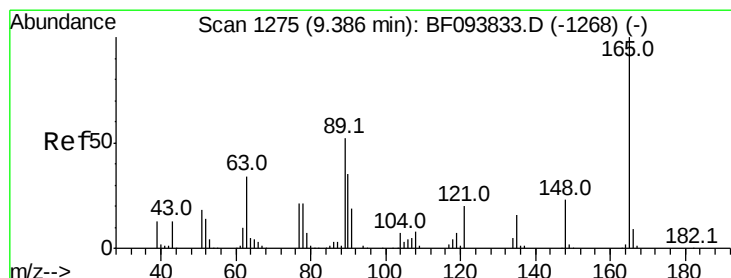
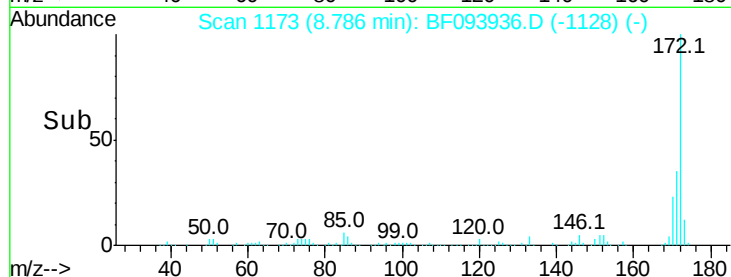
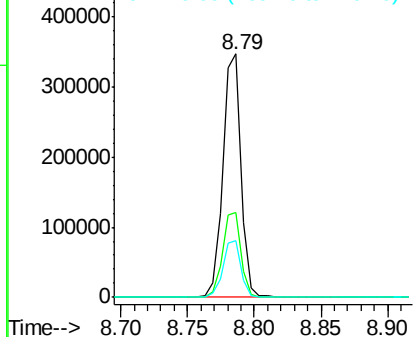
#44
 2-Fluorobiphenyl
 Concen: 18.93 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.04 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.2	19.8	29.8

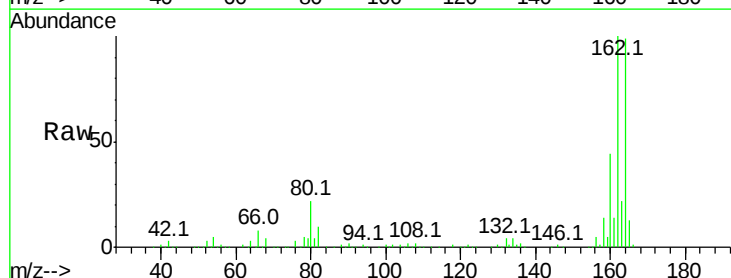


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

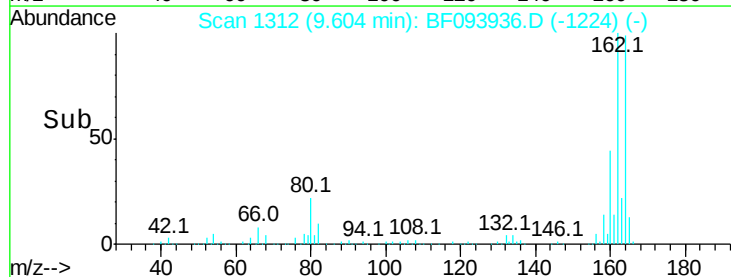
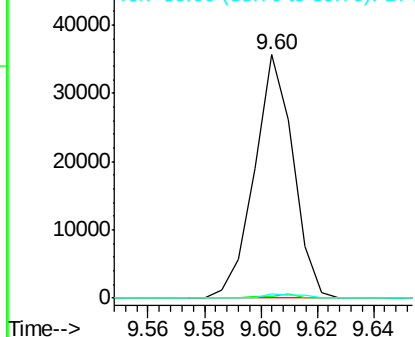


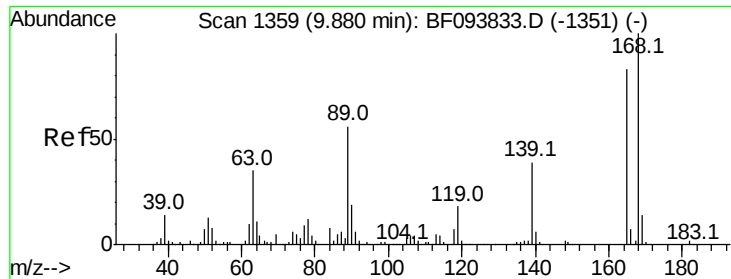
#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.22 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.3	51.5#
89	1.5	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

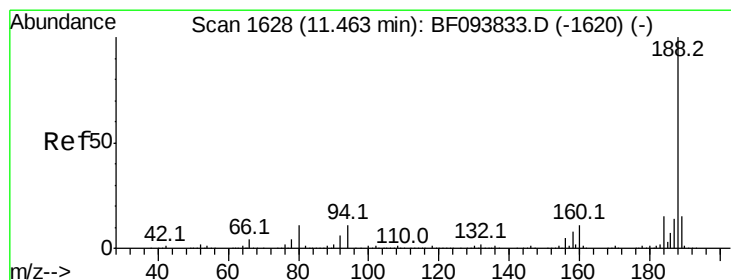
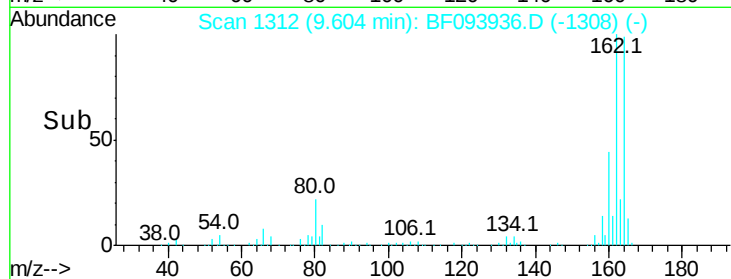
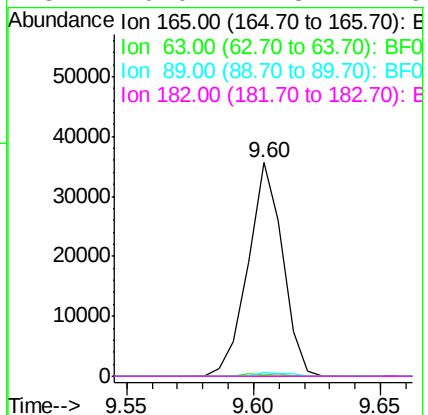
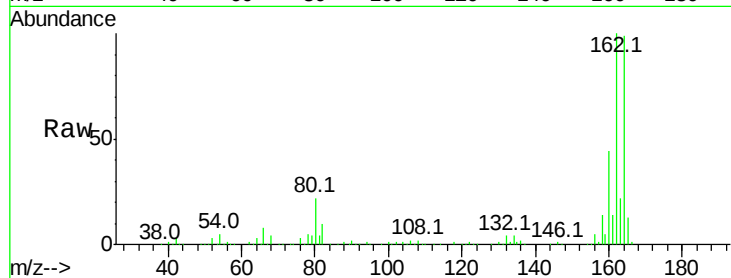




#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. -0.28 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

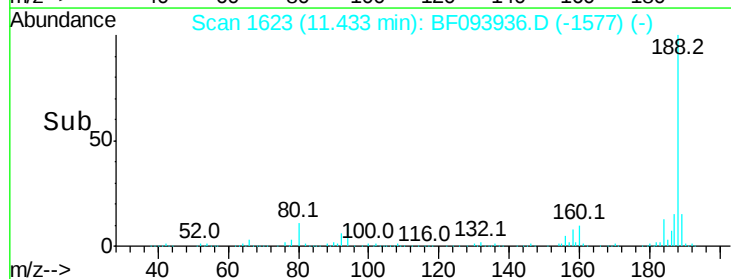
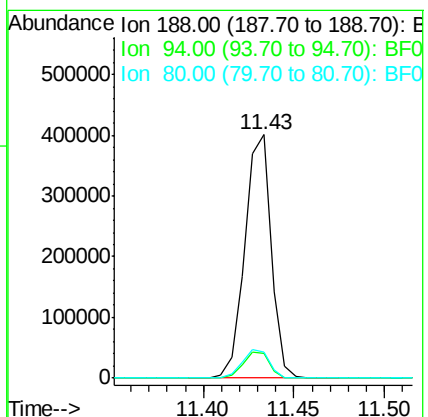
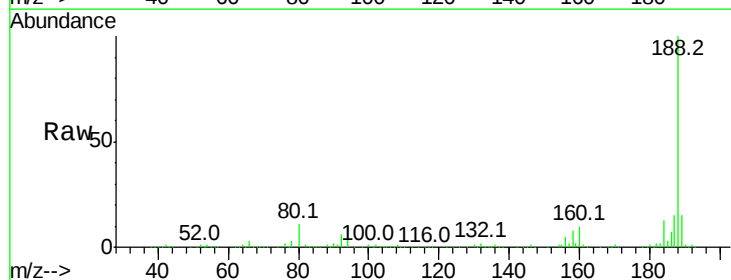
Instrument :
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 ClientSampled :
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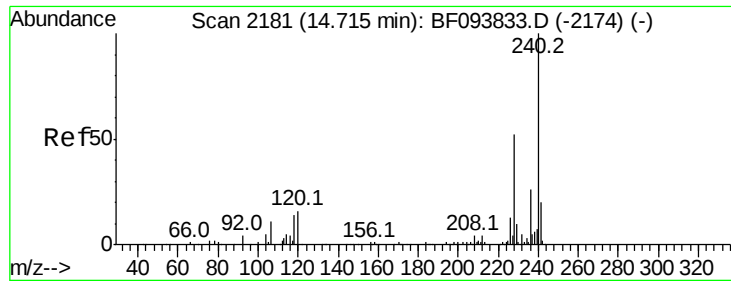
Tot Ion:	165	Resp:	33867
Ion Ratio	Lower	Upper	
165	100		
63	0.9	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.03 min
 Lab File: BF093936.D
 Acq: 25 Mar 2017 4:53

Tgt Ion:	188	Resp:	403445
Ion Ratio	Lower	Upper	
188	100		
94	10.0	9.4	14.2
80	10.7	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.68 min Scan# 2175

Delta R.T. -0.04 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

Instrument :

BNA_F

ClientSampleId :

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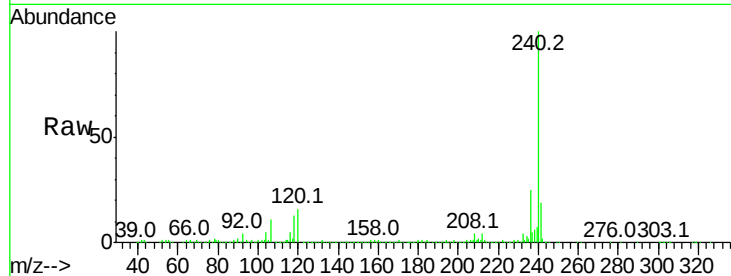
Tot Ion:240 Resp: 327053

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

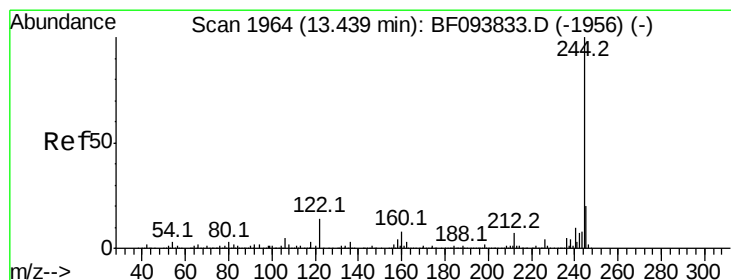
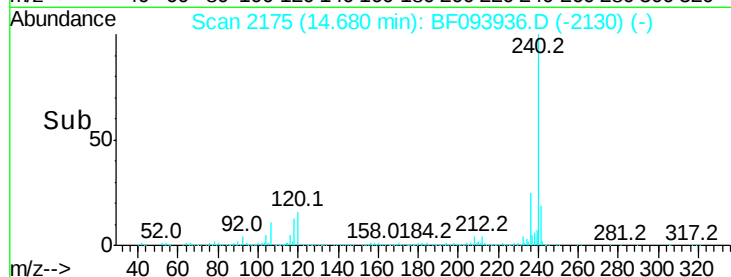
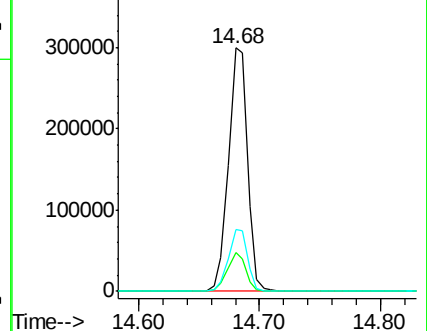
236 25.4 20.5 30.7



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: 13.82 ng

RT: 13.40 min Scan# 1958

Delta R.T. -0.04 min

Lab File: BF093936.D

Acq: 25 Mar 2017 4:53

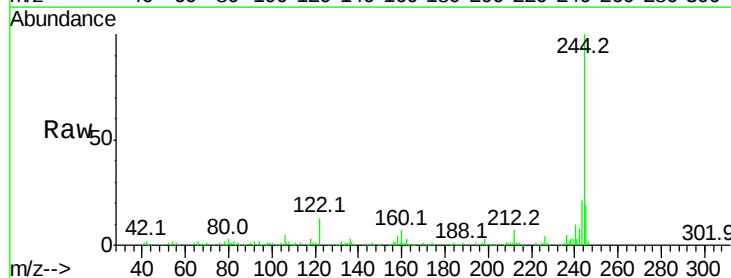
Tgt Ion:244 Resp: 201710

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

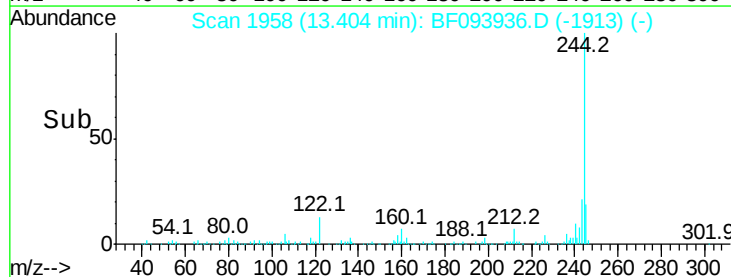
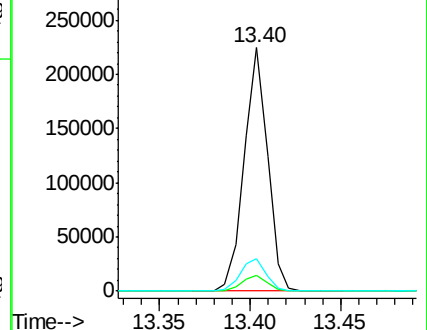
122 13.2 10.3 15.5

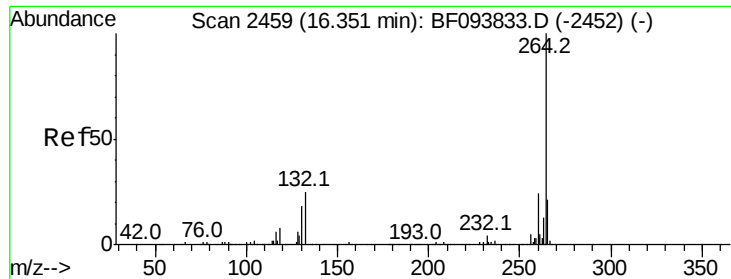


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.32 min Scan# 2454
Delta R.T. -0.03 min
Lab File: BF093936.D
Acq: 25 Mar 2017 4:53

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.2	25.8

