

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093838.D
 Acq On : 22 Mar 2017 18:01
 Operator : SJ/MA
 Sample : PB97721BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97721BL

Quant Time: Mar 23 01:34:14 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

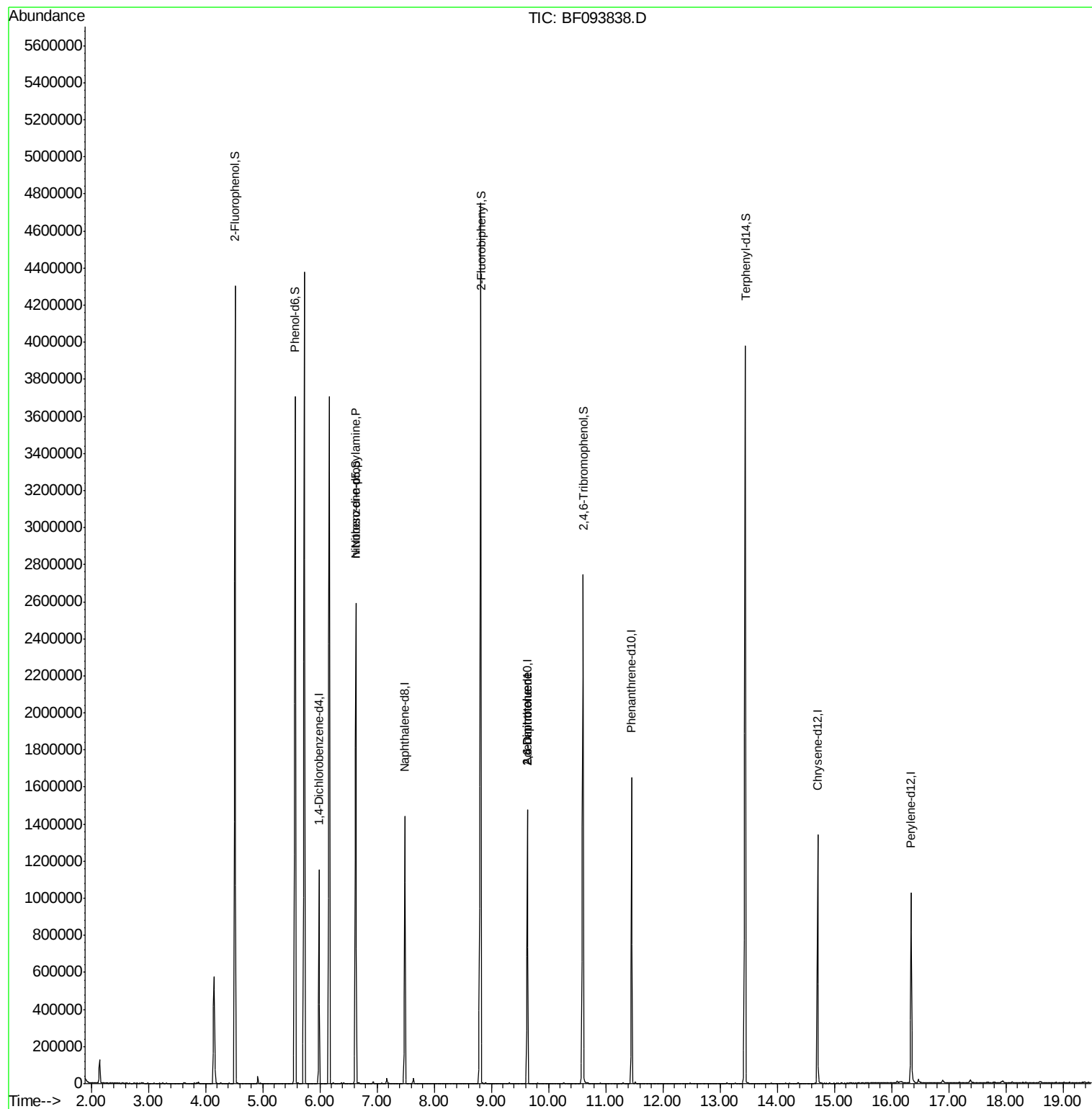
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	192106	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	786739	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	362658	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	648463	20.00	ng	0.00
75) Chrysene-d12	14.71	240	534135	20.00	ng	0.00
86) Perylene-d12	16.34	264	421374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.52	112	1452357	127.69	ng	0.02
7) Phenol-d6	5.57	99	1856630	131.95	ng	0.00
23) Nitrobenzene-d5	6.63	82	1162860	84.35	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	392321	136.90	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2103113	88.45	ng	0.00
78) Terphenyl-d14	13.44	244	1704536	71.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.63	70	154931	17.13	ng	# 79
50) 2,6-Dinitrotoluene	9.63	165	45618	7.72	ng	# 33
56) 2,4-Dinitrotoluene	9.63	165	45619	6.15	ng	# 33

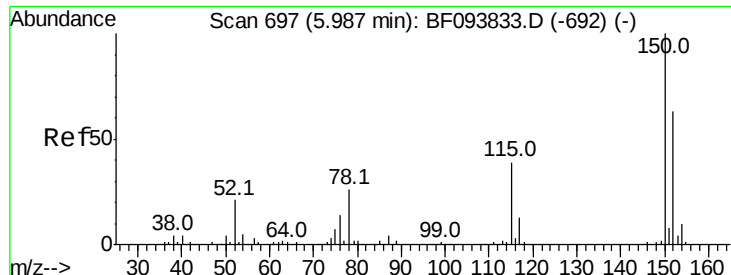
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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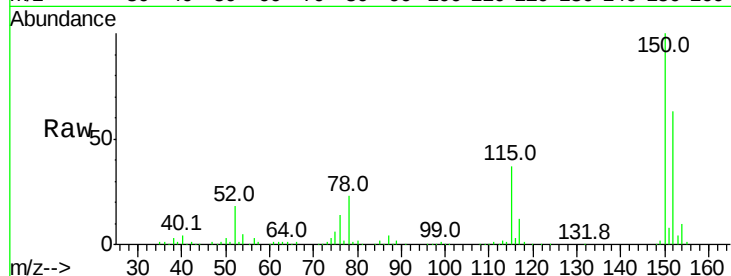


#1

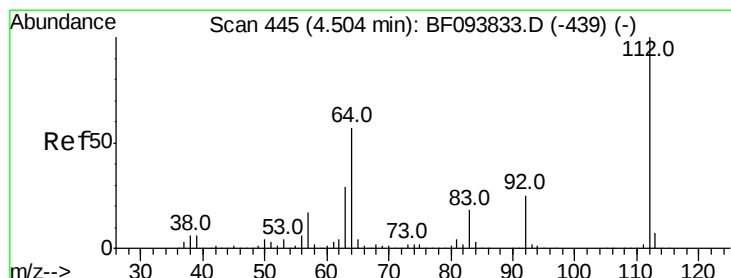
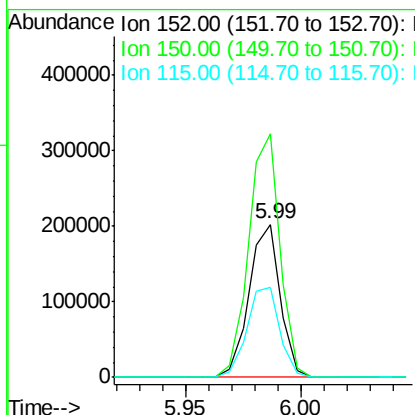
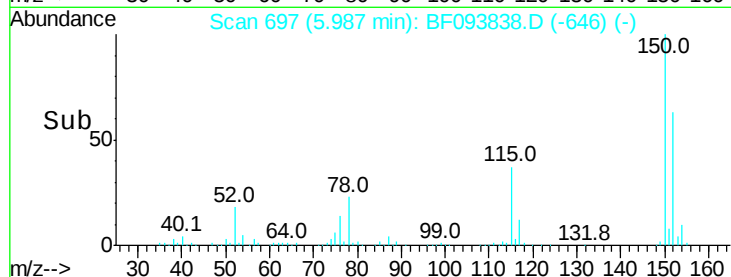
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.99 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF093838.D
Acq: 22 Mar 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB97721BL

Tot Ion:152 Resp: 192106
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 58.5 52.2 78.2



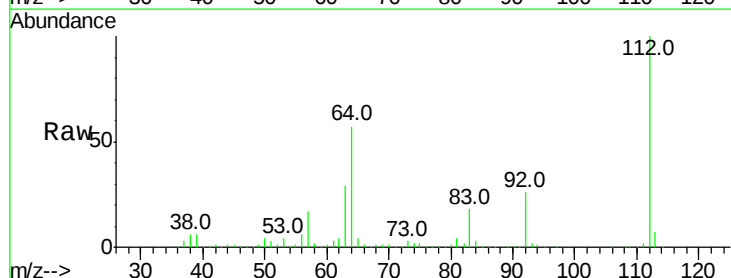
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



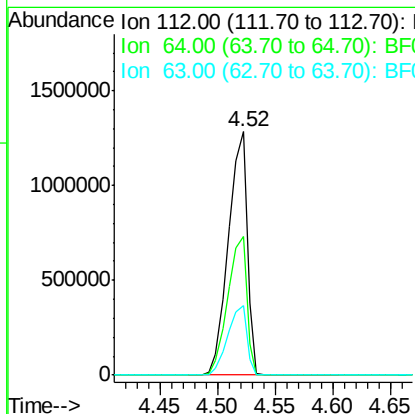
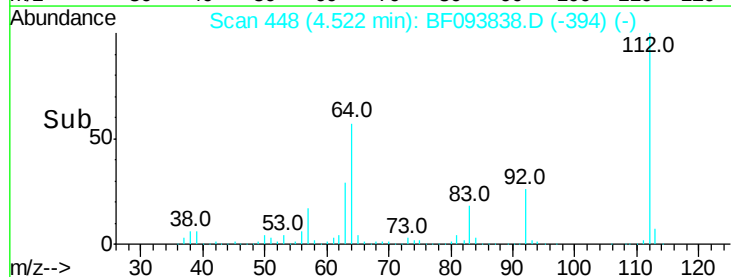
#5

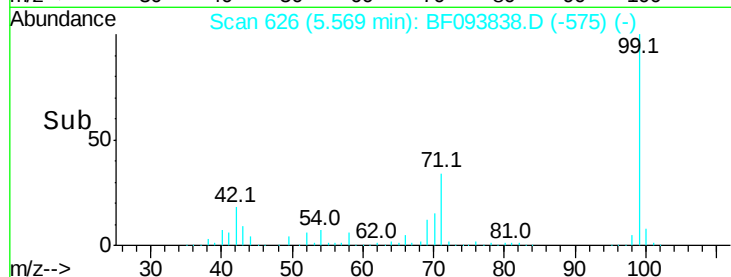
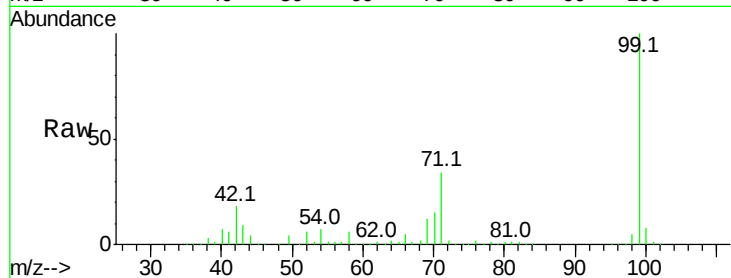
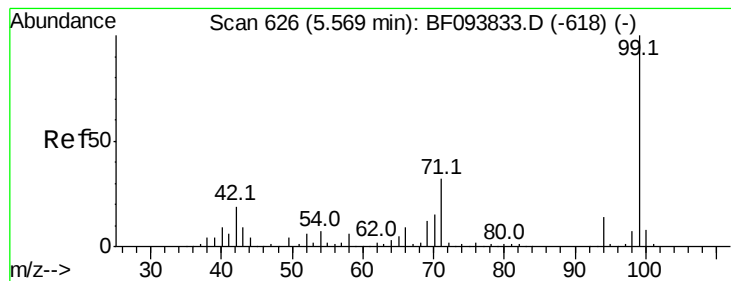
2-Fluorophenol
Concen: 127.69 ng
RT: 4.52 min Scan# 448
Delta R.T. 0.02 min
Lab File: BF093838.D
Acq: 22 Mar 2017 18:01

Tgt Ion:112 Resp: 1452357
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.6 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: 131.95 ng

RT: 5.57 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF093838.D

Acq: 22 Mar 2017 18:01

Instrument :

BNA_F

ClientSampleId :

PB97721BL

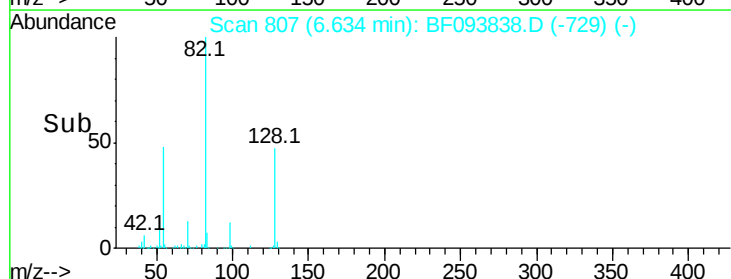
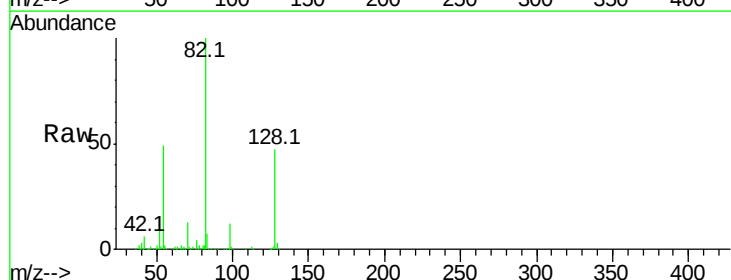
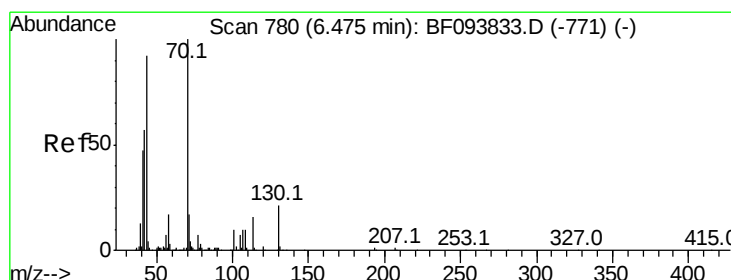
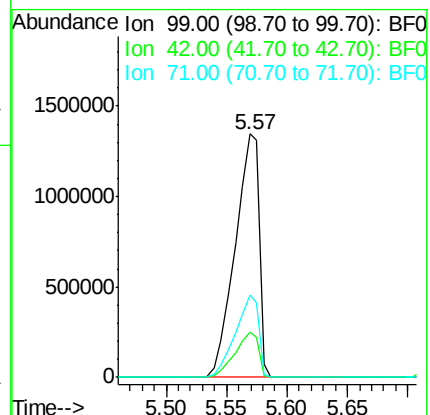
Tot Ion: 99 Resp: 1856630

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.13 ng

RT: 6.63 min Scan# 807

Delta R.T. 0.16 min

Lab File: BF093838.D

Acq: 22 Mar 2017 18:01

Tgt Ion: 70 Resp: 154931

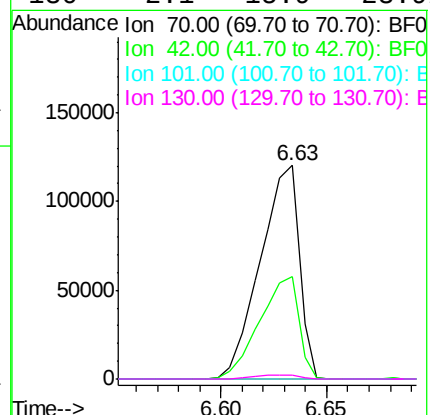
Ion Ratio Lower Upper

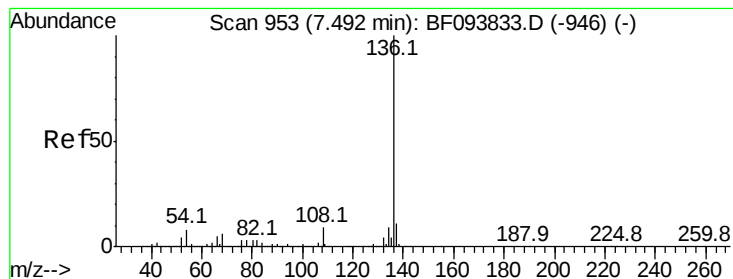
70 100

42 47.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.49 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF093838.D

Acq: 22 Mar 2017 18:01

Instrument :

BNA_F

ClientSampleId :

PB97721BL

Tot Ion:136 Resp: 786739

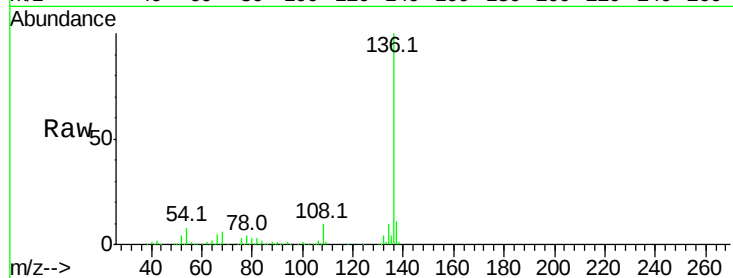
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.7 4.9 7.3#

68 6.3 4.1 6.1#

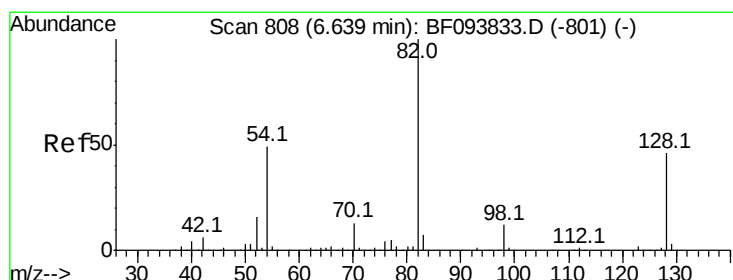
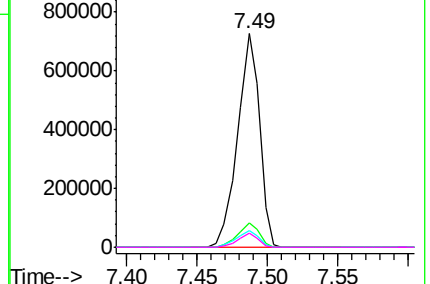
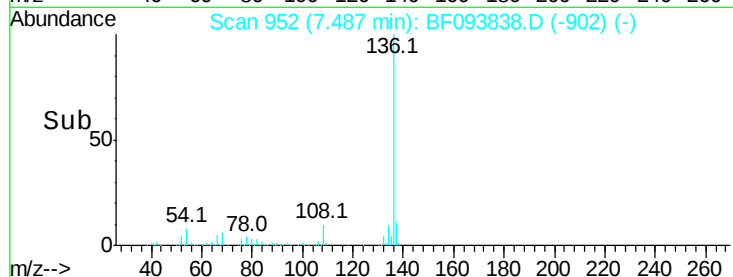


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.35 ng

RT: 6.63 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF093838.D

Acq: 22 Mar 2017 18:01

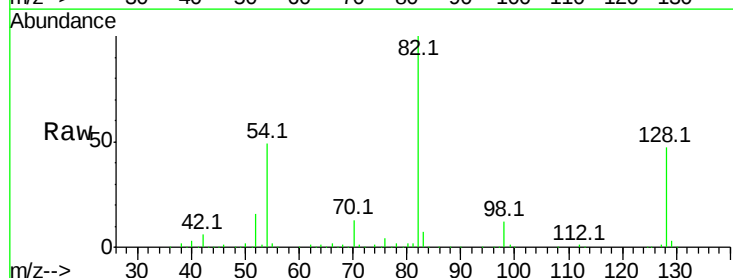
Tgt Ion: 82 Resp: 1162860

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

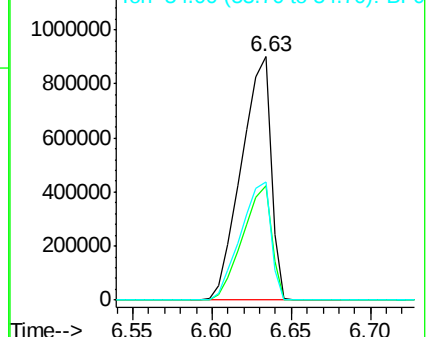
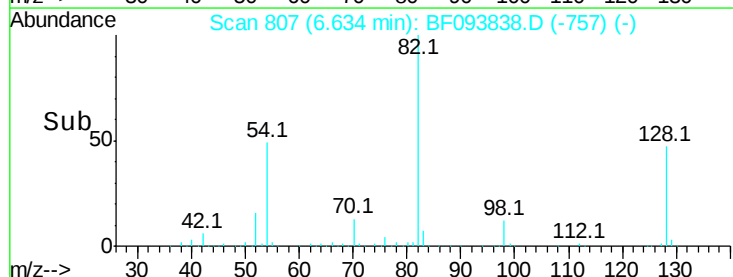
54 48.7 42.2 63.2

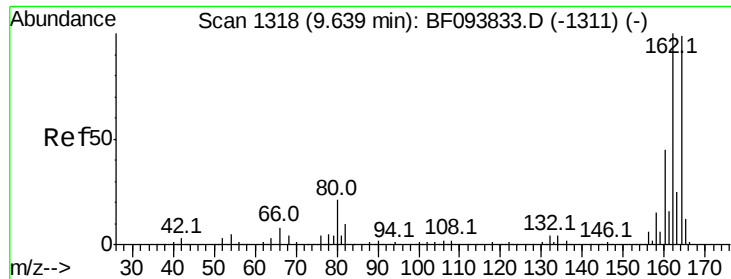


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

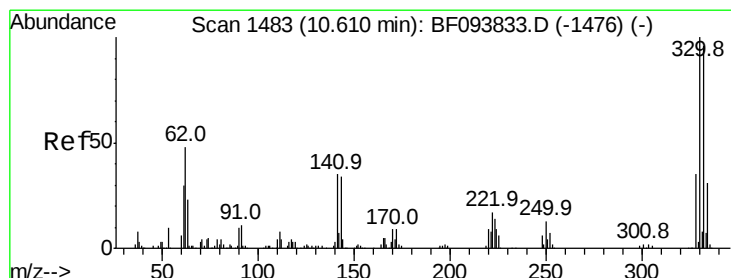
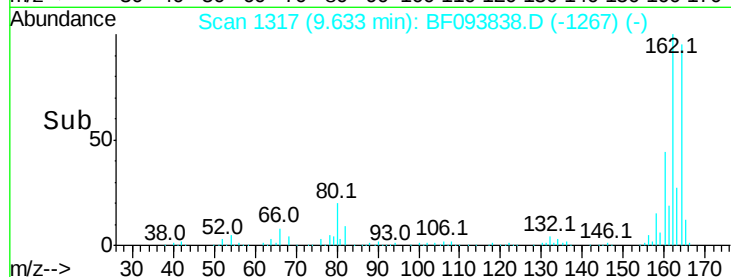
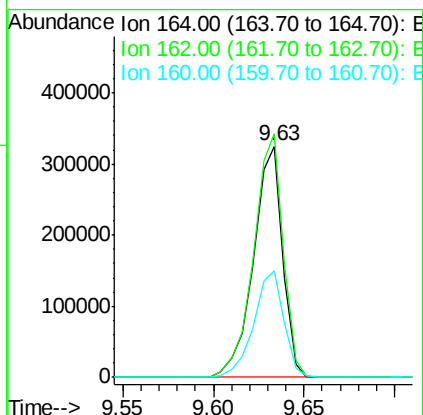
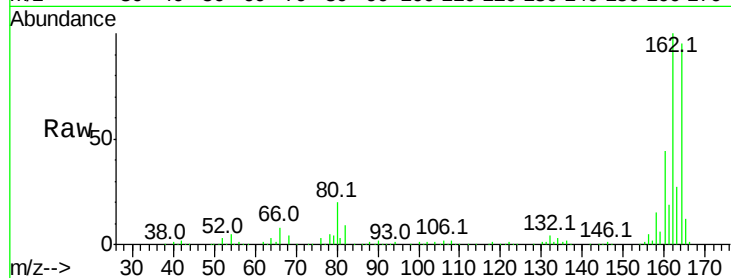




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

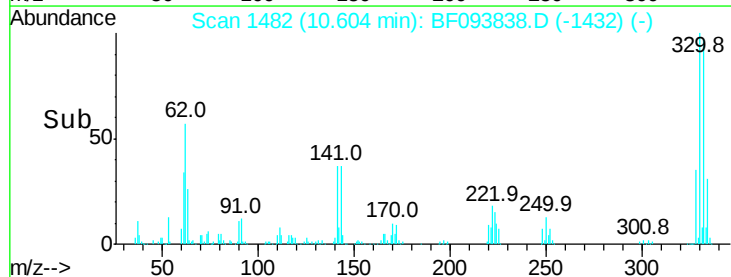
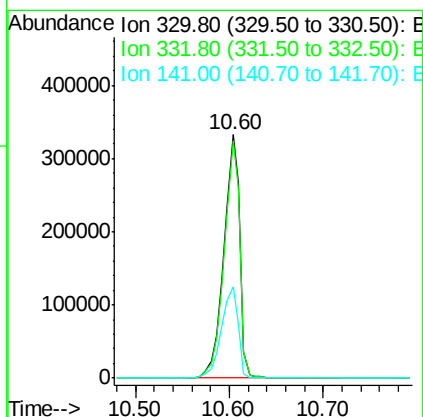
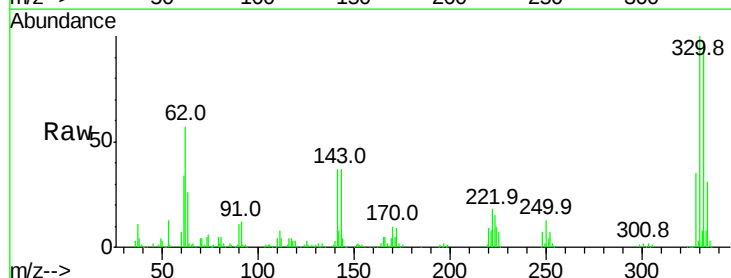
Instrument :
 BNA_F
 ClientSampleId :
 PB97721BL

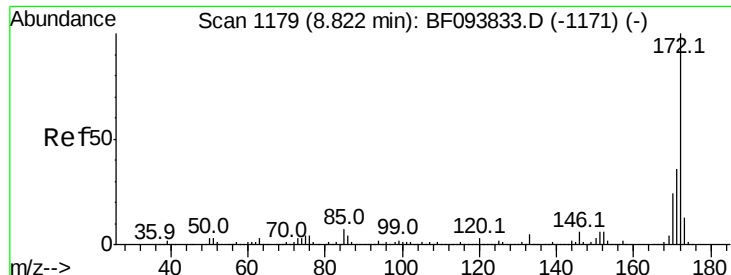
Tot Ion:164 Resp: 362658
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 46.3 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 136.90 ng
 RT: 10.60 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

Tgt Ion:330 Resp: 392321
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 39.7 31.4 47.2

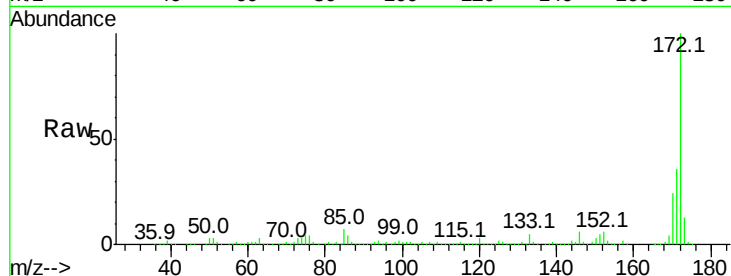




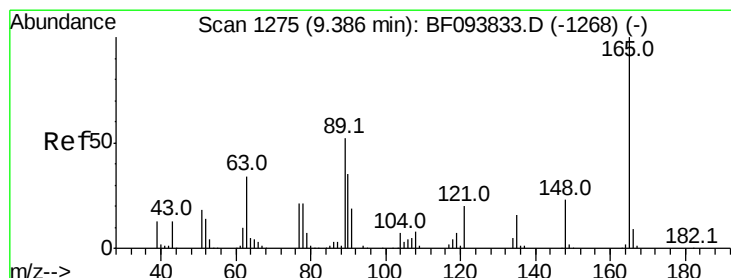
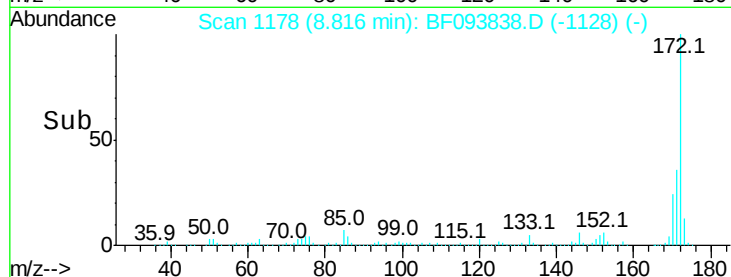
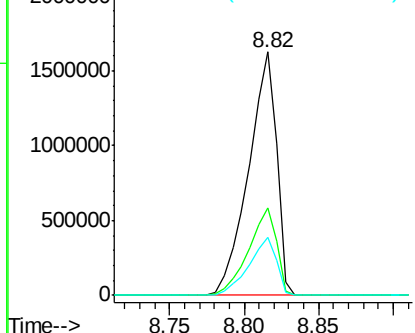
#44
2-Fluorobiphenyl
Concen: 88.45 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF093838.D
Acq: 22 Mar 2017 18:01

Instrument :
BNA_F
ClientSampleId :
PB97721BL

Tot Ion:172 Resp: 2103113
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.0 19.8 29.8

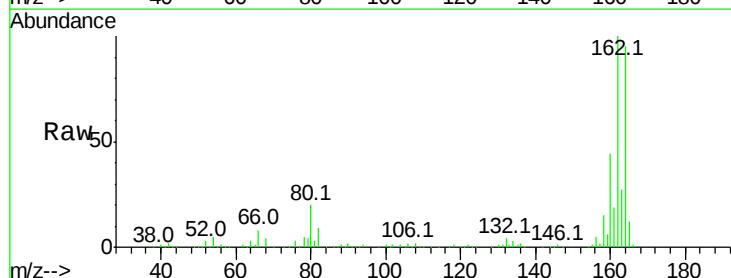


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

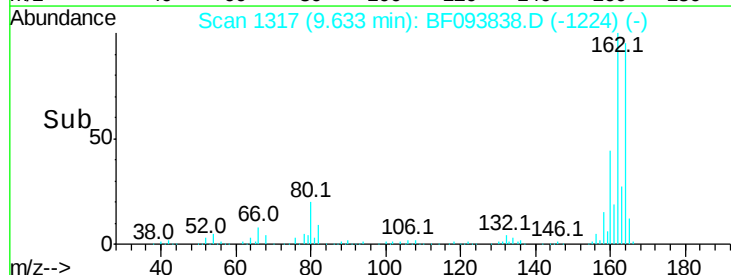
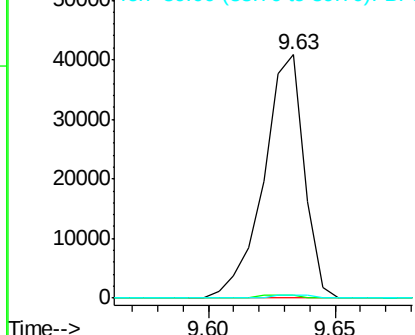


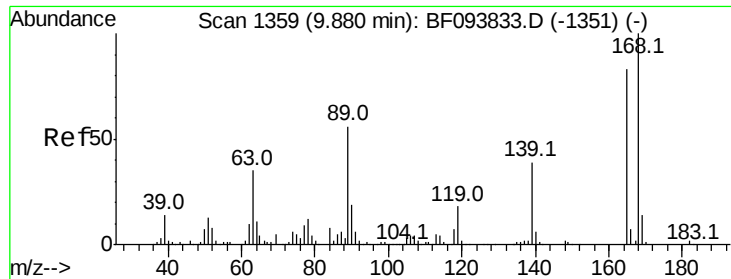
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.63 min Scan# 1317
Delta R.T. 0.25 min
Lab File: BF093838.D
Acq: 22 Mar 2017 18:01

Tgt Ion:165 Resp: 45618
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 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

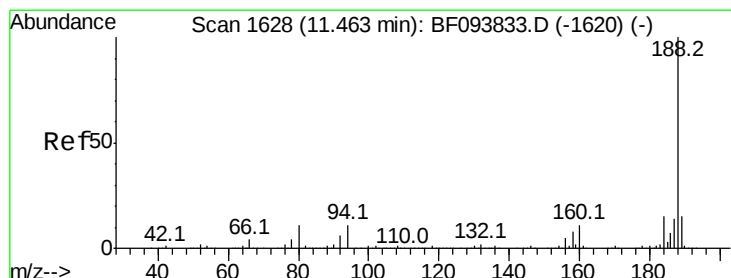
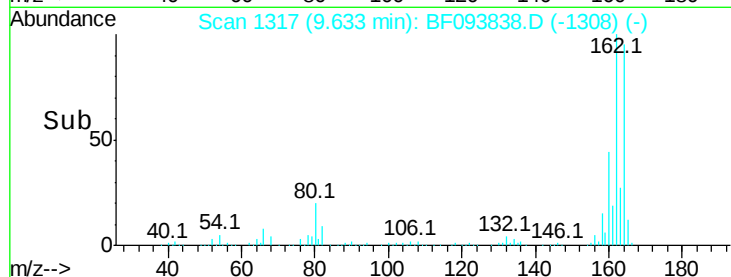
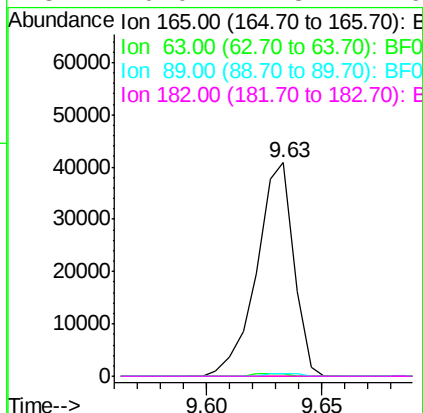
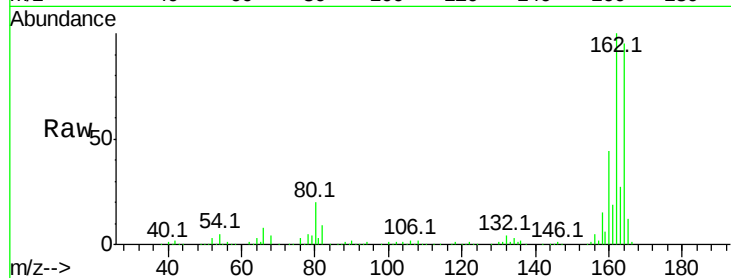




#56
 2,4-Dinitrotoluene
 Concen: 6.15 ng
 RT: 9.63 min Scan# 1317
 Delta R.T. -0.25 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

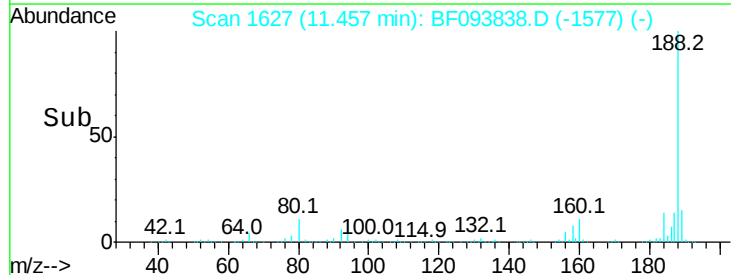
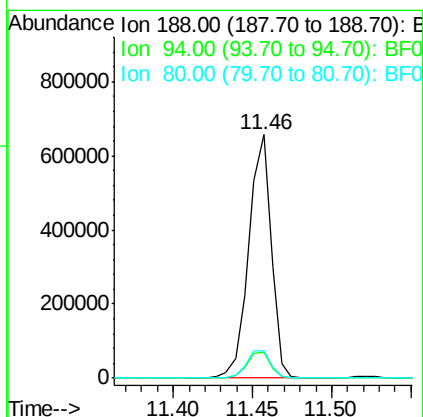
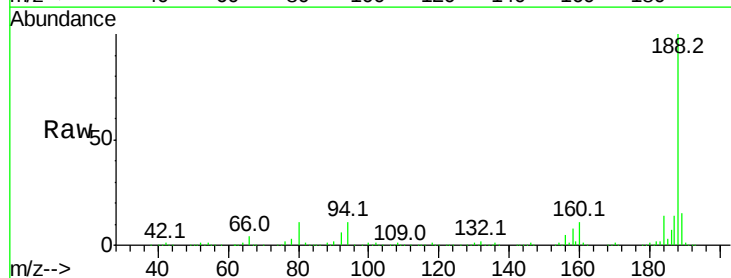
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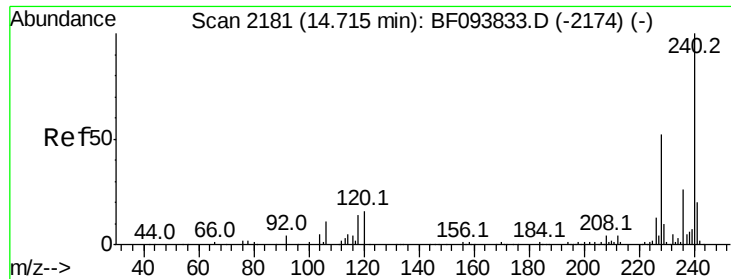
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.3	10.2	15.2

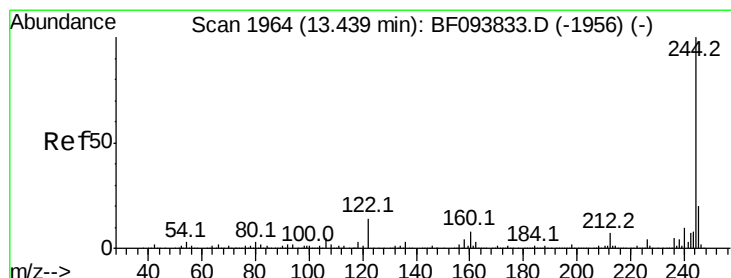
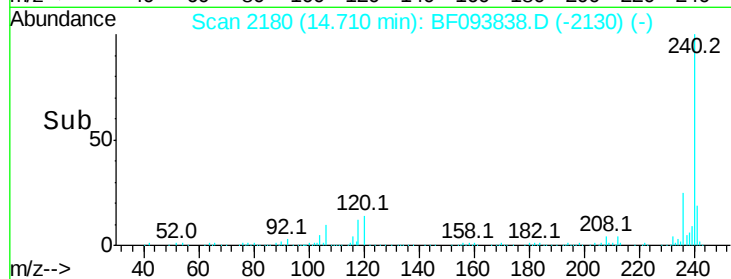
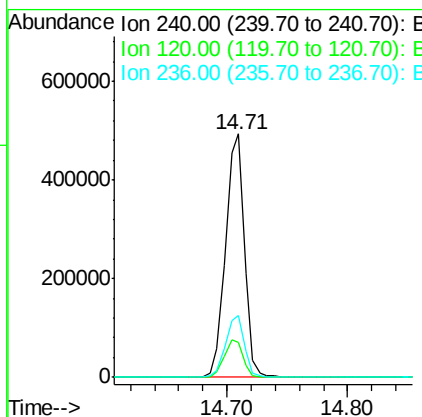
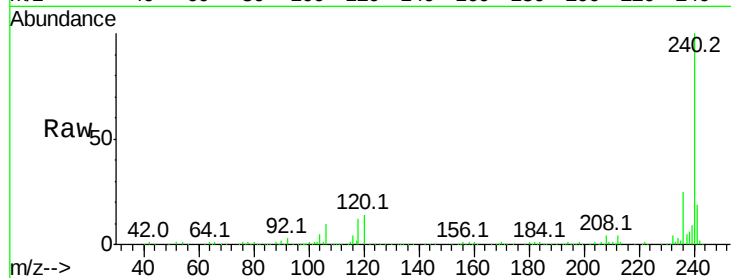




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

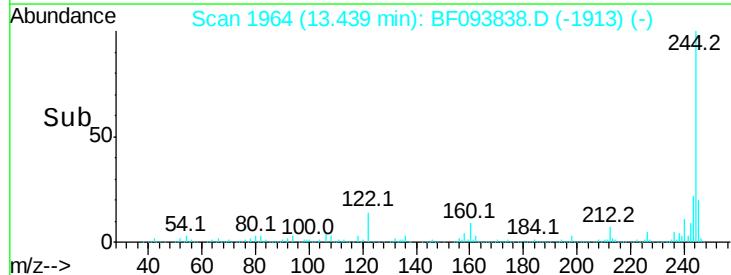
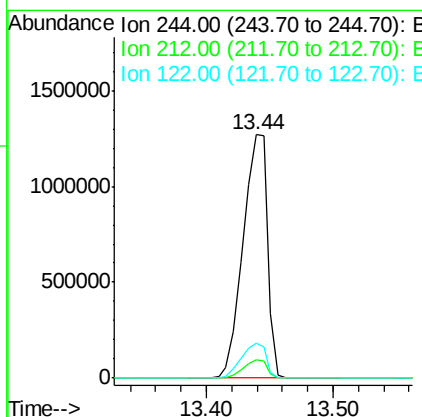
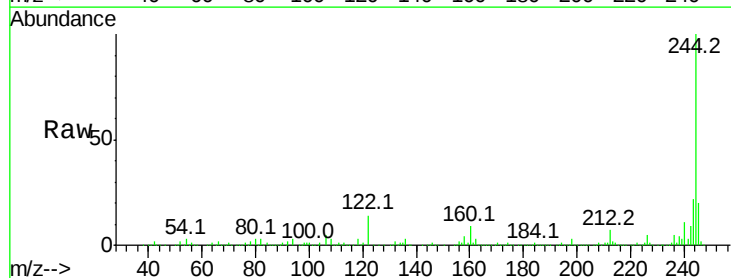
Instrument :
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 ClientSampleId :
 PB97721BL

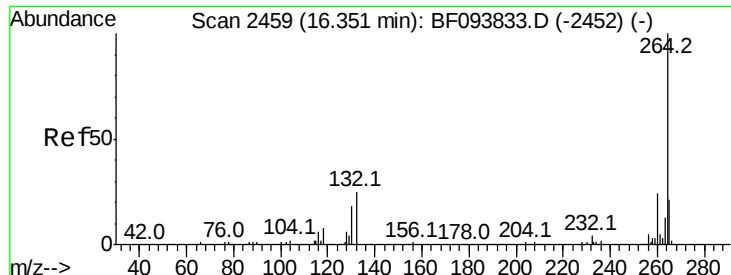
Tot Ion:240 Resp: 534135
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 71.53 ng
 RT: 13.44 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

Tgt Ion:244 Resp: 1704536
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 14.1 10.3 15.5

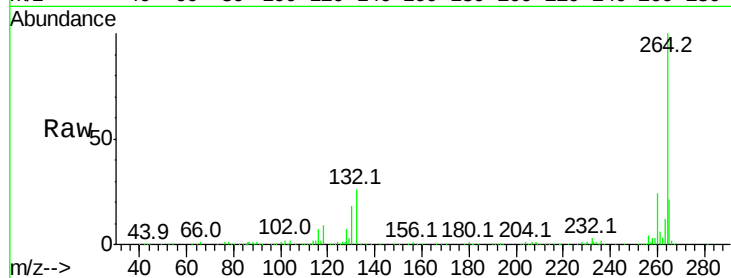




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.34 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BF093838.D
 Acq: 22 Mar 2017 18:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97721BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.4	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

