

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
 Data File : BF094119.D
 Acq On : 3 Apr 2017 14:32
 Operator : SJ/MA
 Sample : PB97987BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

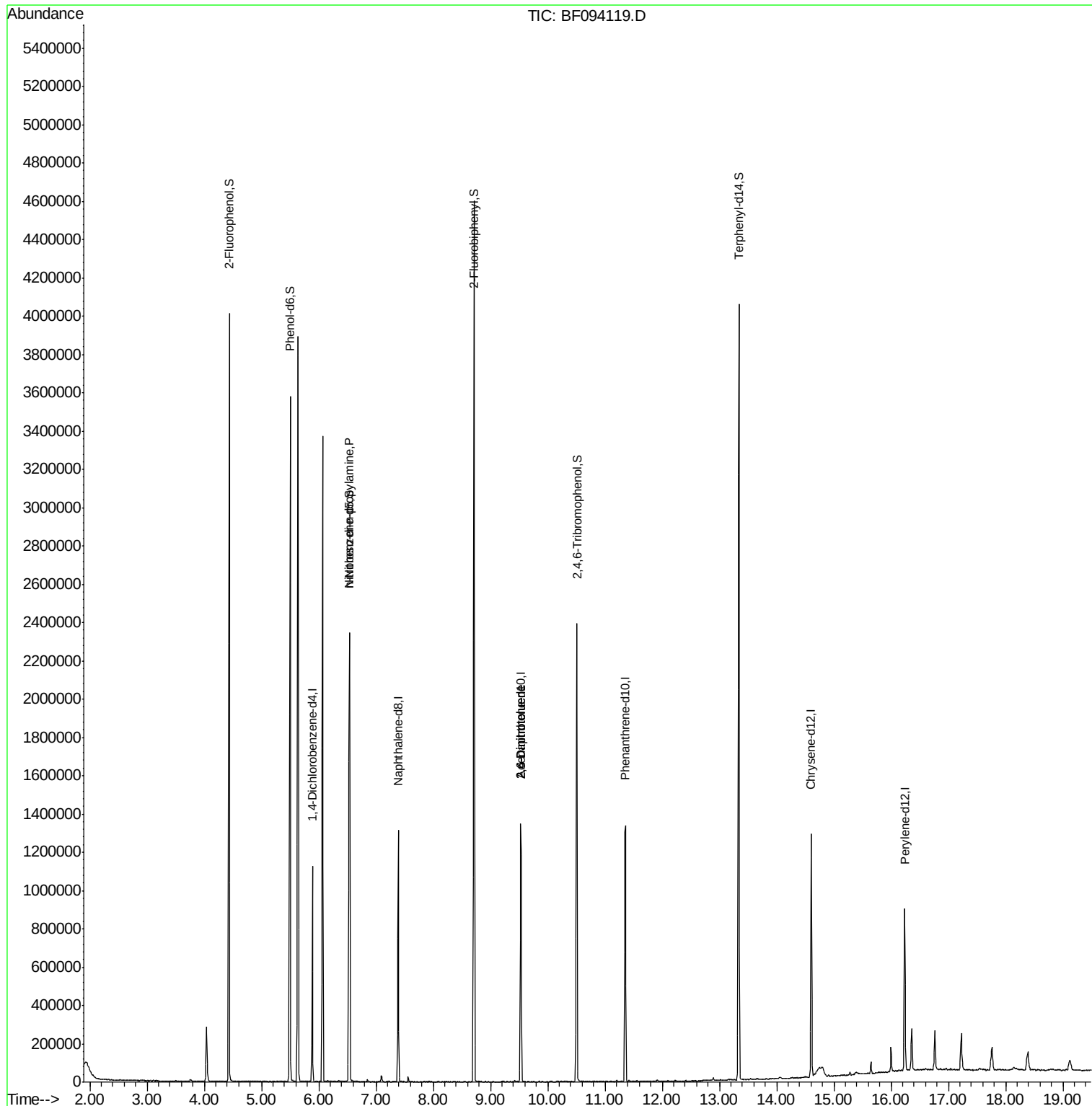
Quant Time: Apr 04 01:03:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

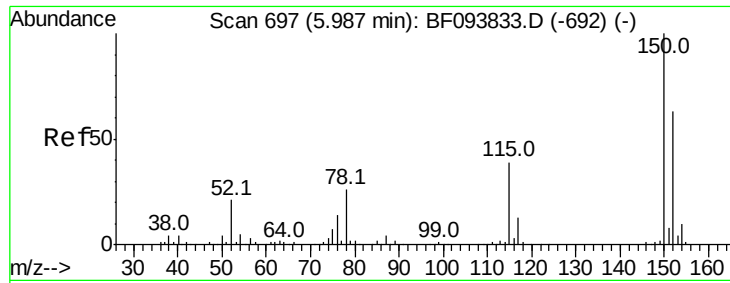
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	166834	20.00	ng	-0.02
21) Naphthalene-d8	7.39	136	665360	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	311114	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	574802	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	500417	20.00	ng	-0.02
86) Perylene-d12	16.24	264	352001	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.43	112	1288323	130.43	ng	0.00
7) Phenol-d6	5.50	99	1628749	133.29	ng	-0.01
23) Nitrobenzene-d5	6.53	82	995938	85.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	348172	141.62	ng	-0.01
44) 2-Fluorobiphenyl	8.72	172	1845384	90.47	ng	-0.02
78) Terphenyl-d14	13.34	244	1697570	76.04	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.53	70	132791	16.91	ng	# 78
50) 2,6-Dinitrotoluene	9.53	165	39503	7.79	ng	# 33
56) 2,4-Dinitrotoluene	9.53	165	39504	6.20	ng	# 33

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

```
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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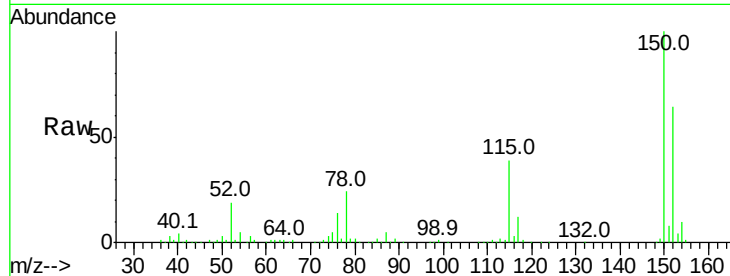


#1

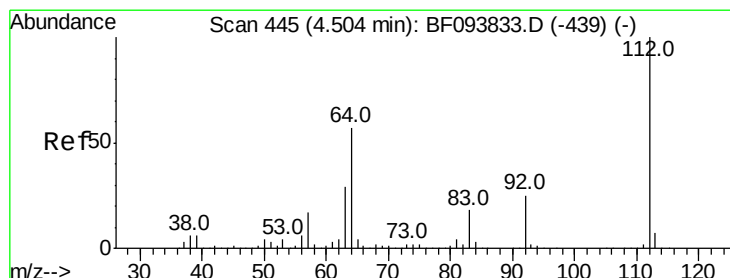
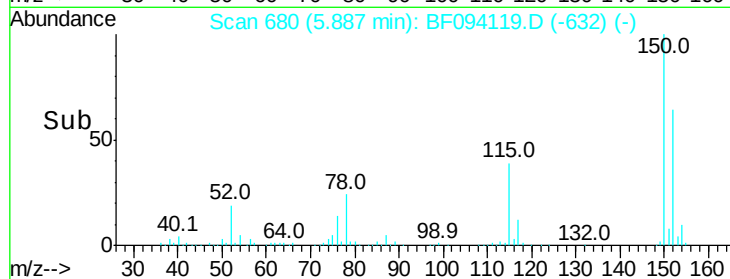
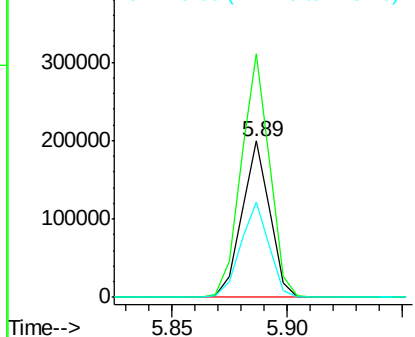
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094119.D
Acq: 3 Apr 2017 14:32

Instrument :
BNA_F
ClientSampleId :
PB97987BL

Tot Ion:152 Resp: 166834
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 60.9 52.2 78.2



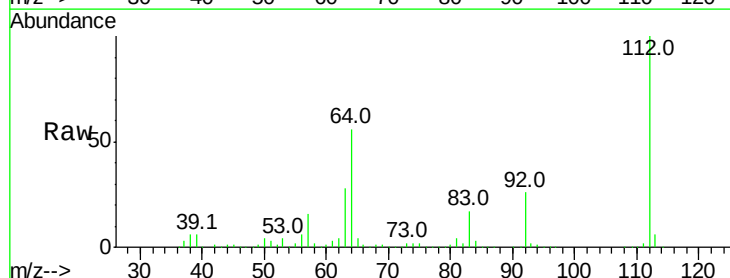
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



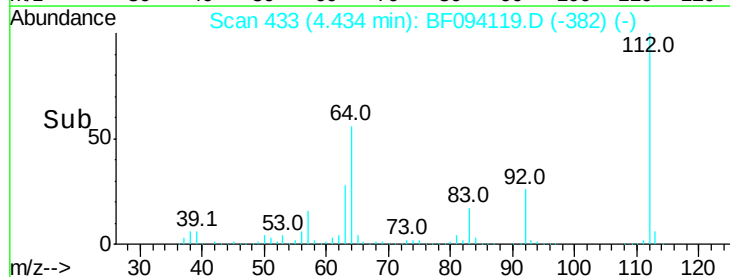
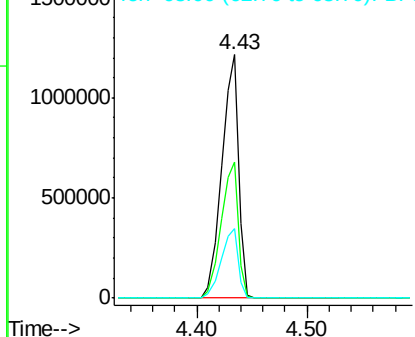
#5

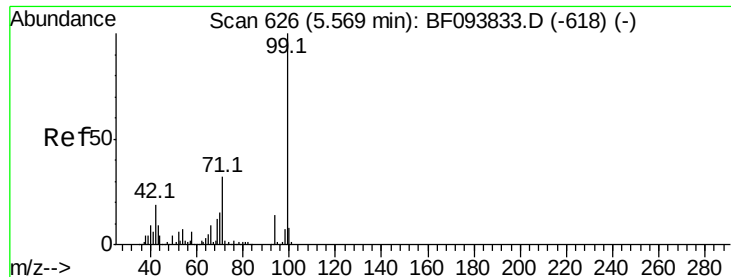
2-Fluorophenol
Concen: 130.43 ng
RT: 4.43 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF094119.D
Acq: 3 Apr 2017 14:32

Tgt Ion:112 Resp: 1288323
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 28.4 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: 133.29 ng

RT: 5.50 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

Instrument :

BNA_F

ClientSampleId :

PB97987BL

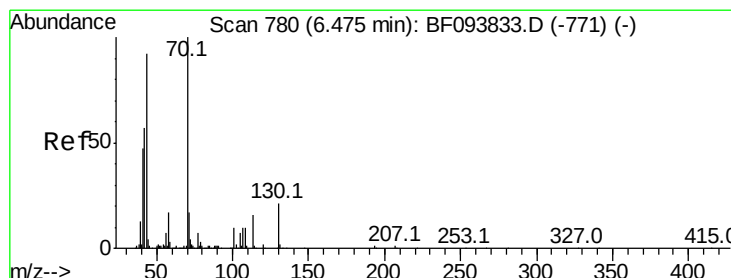
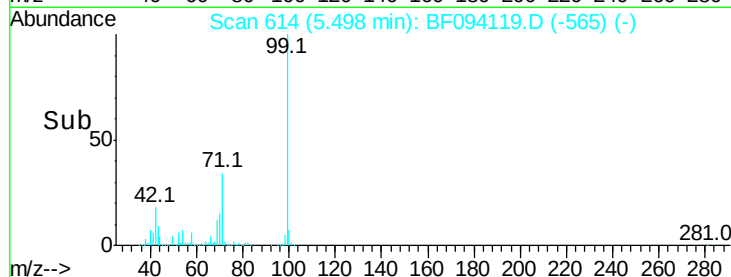
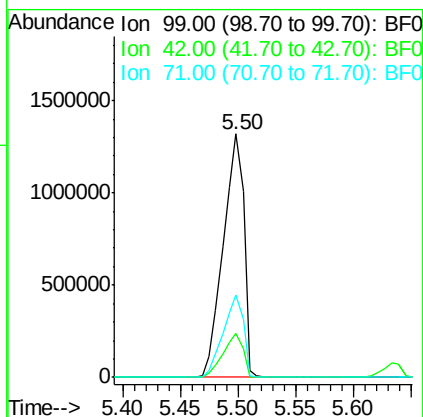
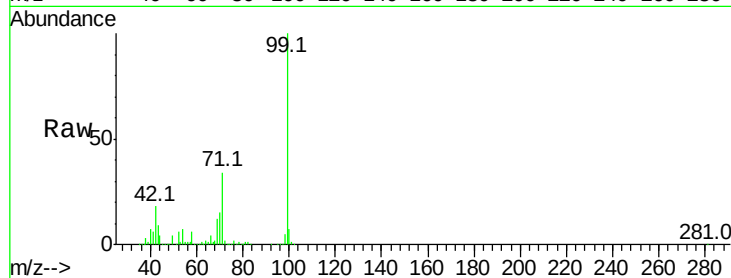
Tot Ion: 99 Resp: 1628749

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 33.8 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.91 ng

RT: 6.53 min Scan# 790

Delta R.T. 0.14 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

Tgt Ion: 70 Resp: 132791

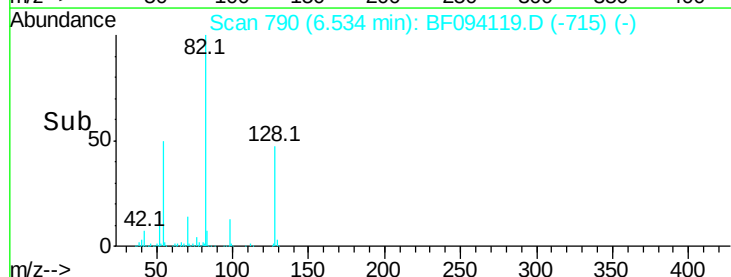
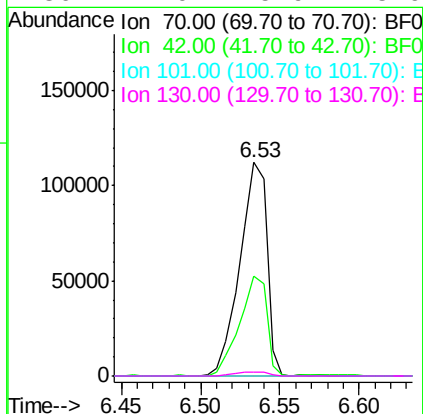
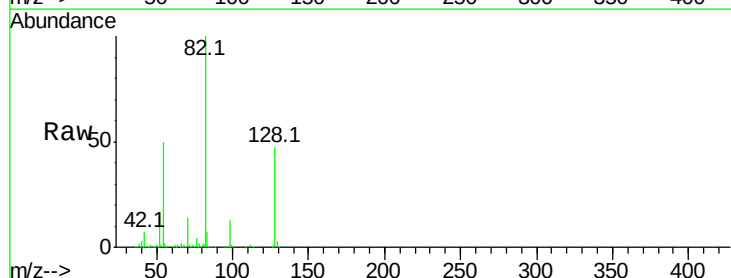
Ion Ratio Lower Upper

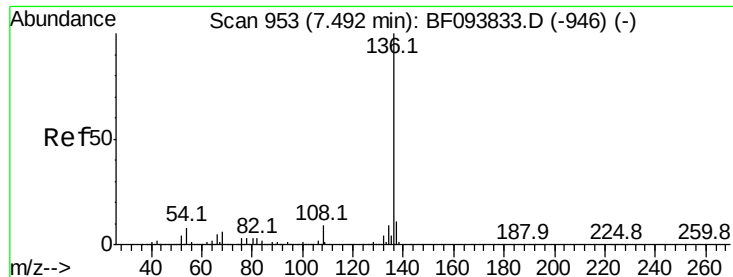
70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

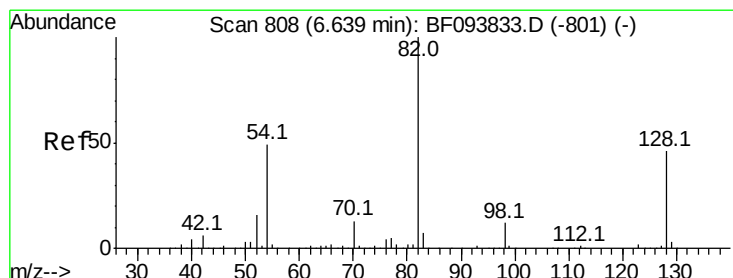
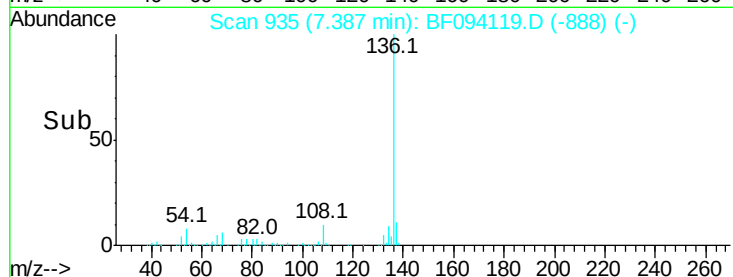
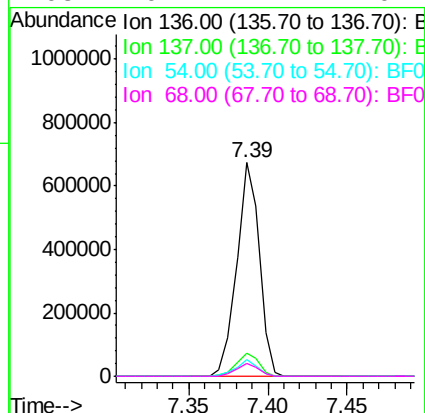
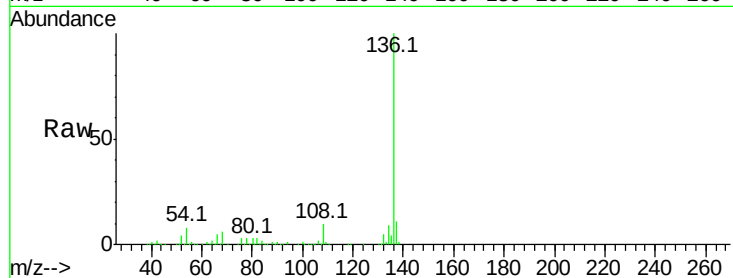




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF094119.D
Acq: 3 Apr 2017 14:32

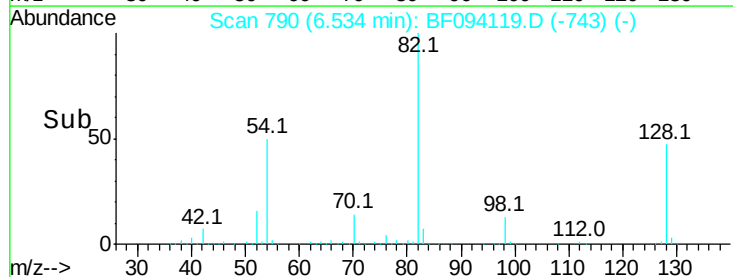
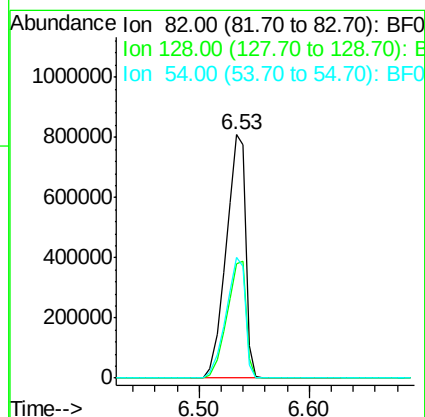
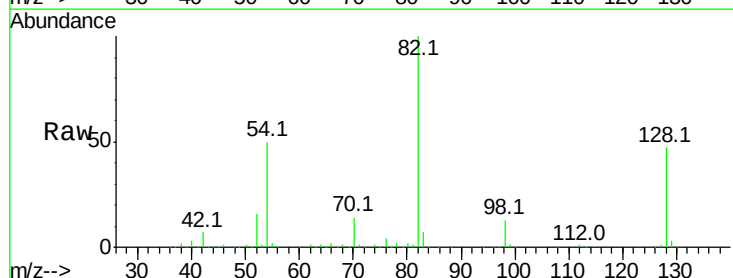
Instrument :
BNA_F
ClientSampleId :
PB97987BL

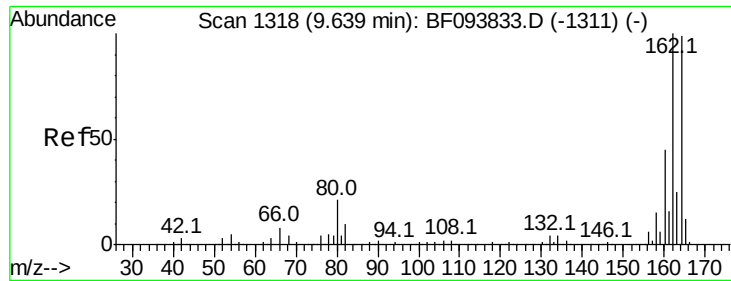
Tot Ion:	136	Resp:	665360
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1



#23
Nitrobenzene-d5
Concen: 85.42 ng
RT: 6.53 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF094119.D
Acq: 3 Apr 2017 14:32

Tgt Ion:	82	Resp:	995938
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	49.7	42.2	63.2

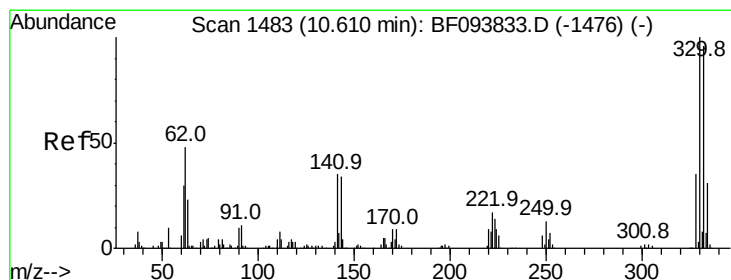
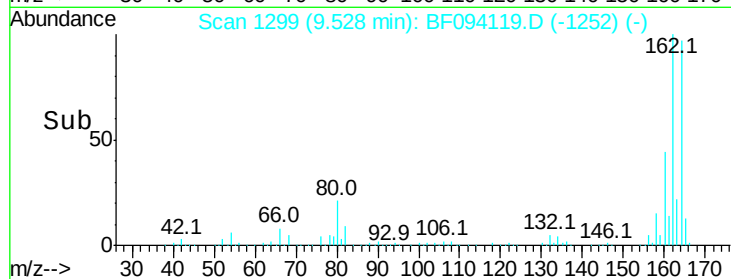
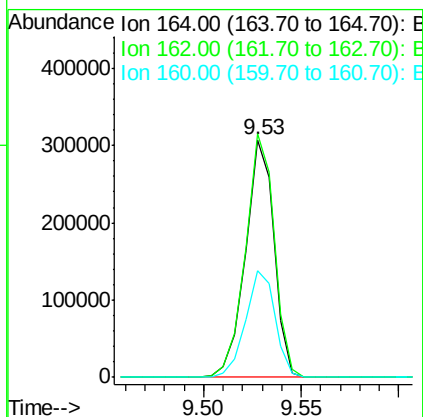
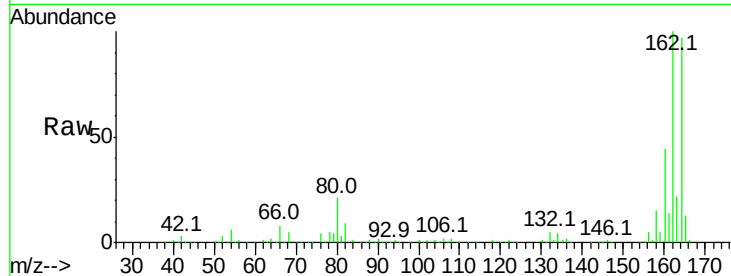




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

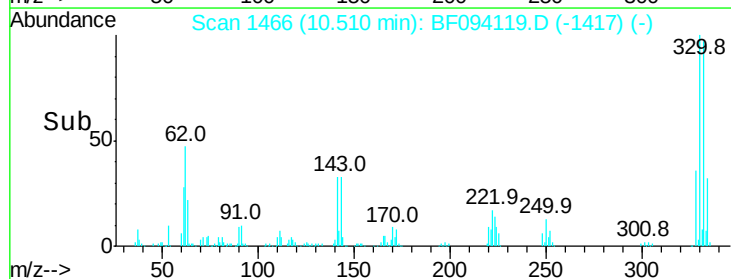
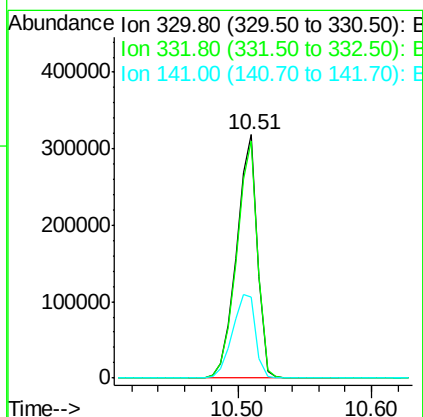
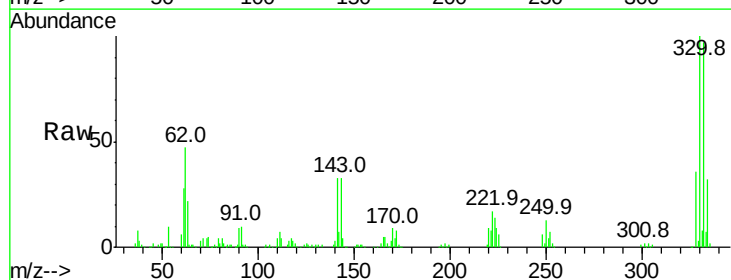
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

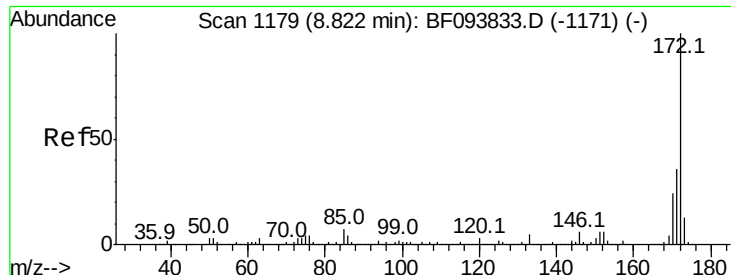
Tot Ion:164 Resp: 311114
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.0 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 141.62 ng
 RT: 10.51 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Tgt Ion:330 Resp: 348172
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 115.0
 141 38.4 31.4 47.2

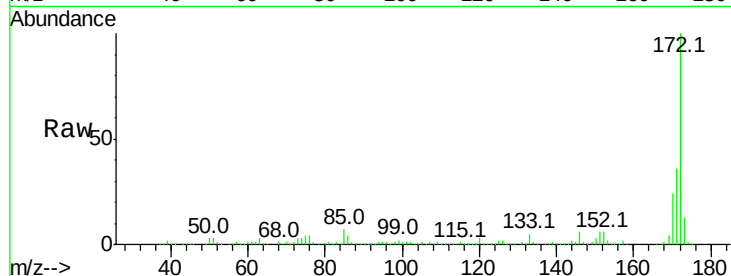




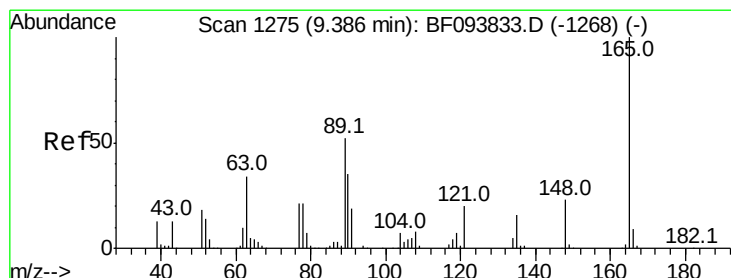
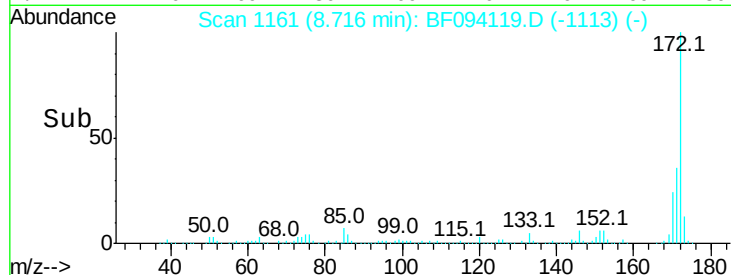
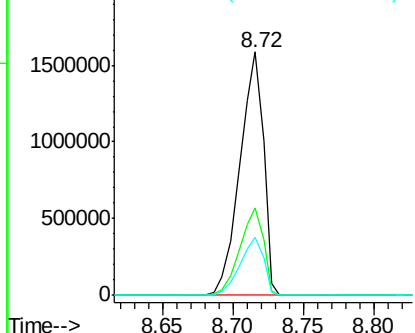
#44
 2-Fluorobiphenyl
 Concen: 90.47 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

Tot Ion:172 Resp: 1845384
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 19.8 29.8

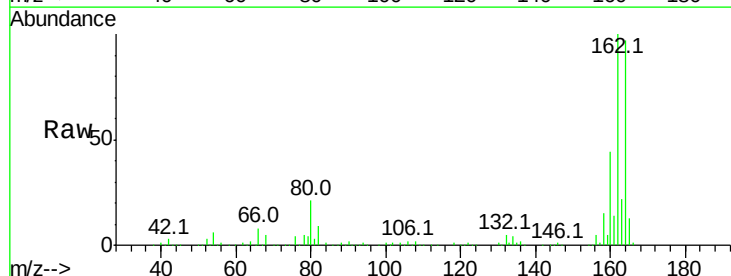


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

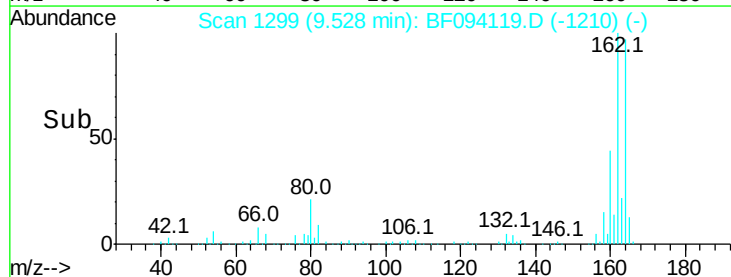
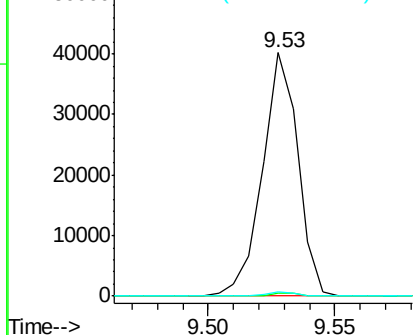


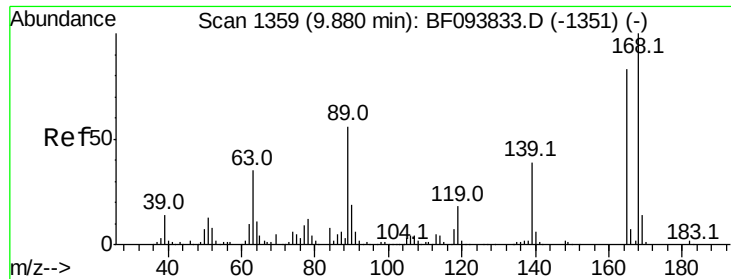
#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. 0.22 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Tgt Ion:165 Resp: 39503
 Ion Ratio Lower Upper
 165 100
 63 1.1 34.3 51.5#
 89 1.6 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

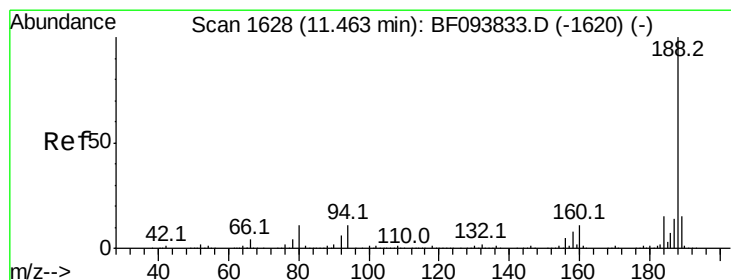
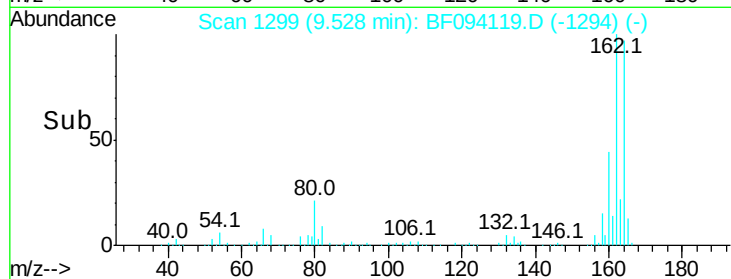
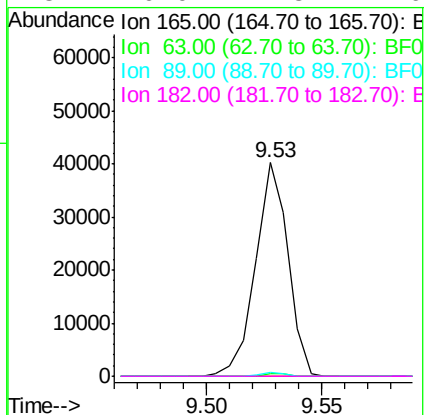
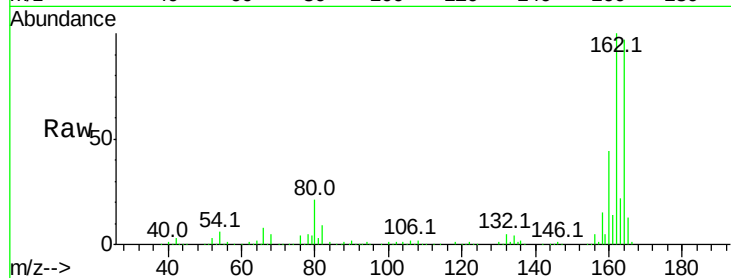




#56
 2,4-Dinitrotoluene
 Concen: 6.20 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.27 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

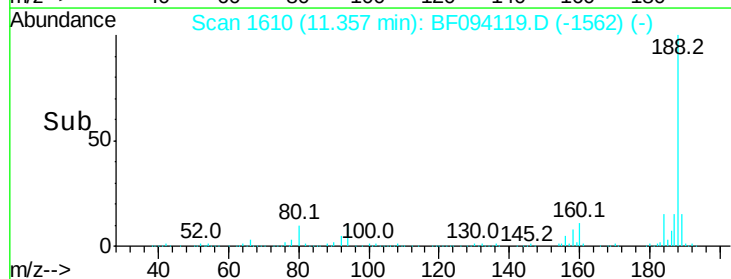
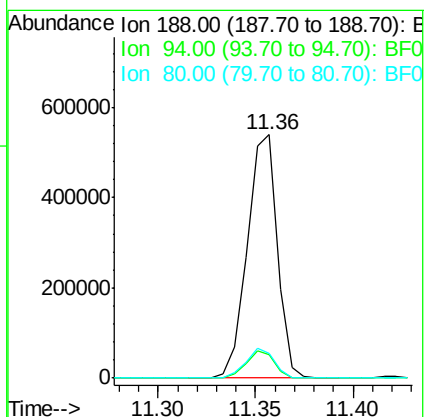
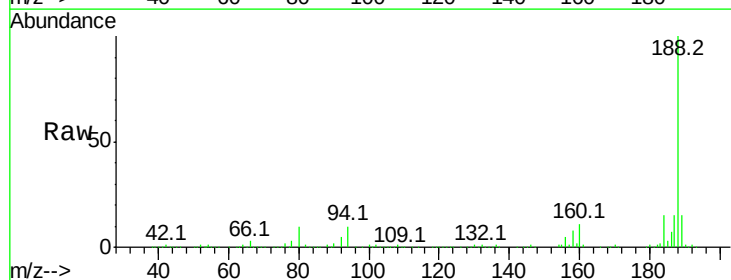
Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

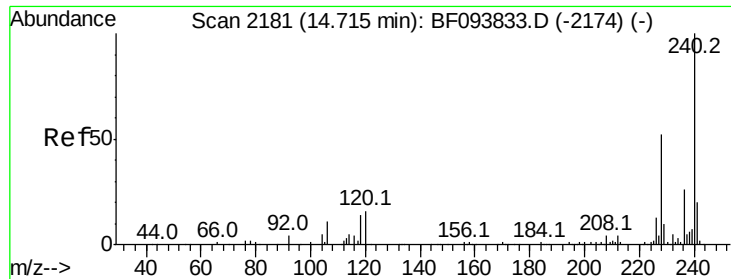
Tot Ion:	165	Resp:	39504
Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Tgt Ion:	188	Resp:	574802
Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	10.3	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.60 min Scan# 2162

Delta R.T. -0.02 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

Instrument :

BNA_F

ClientSampleID :

PB97987BL

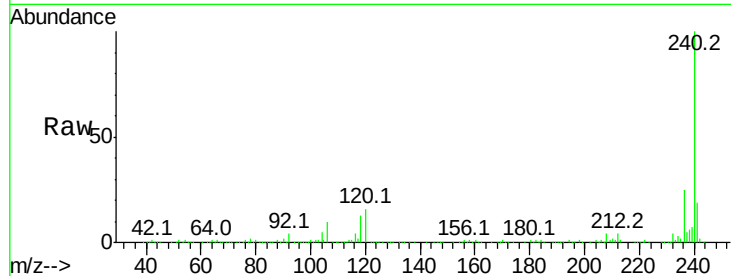
Tot Ion:240 Resp: 500417

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

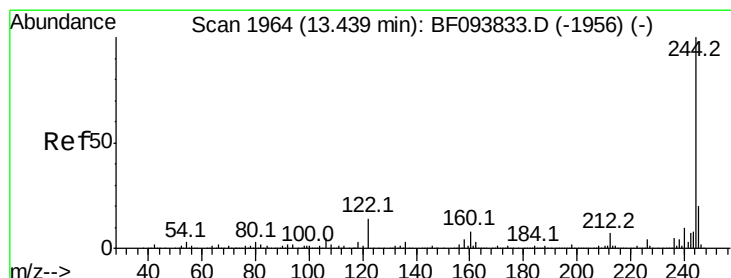
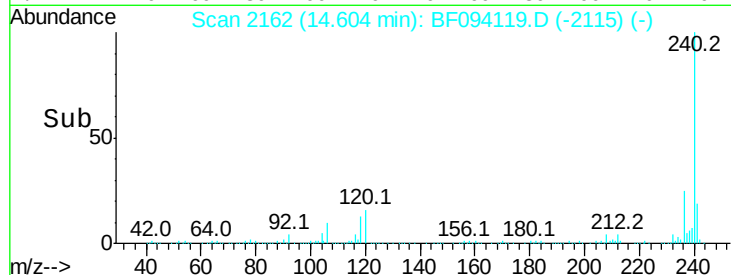
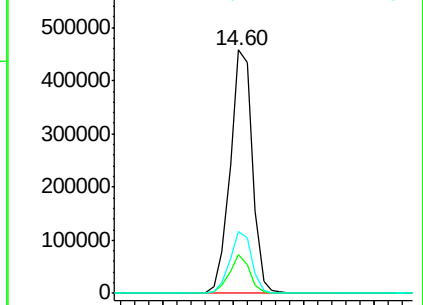
236 25.2 20.5 30.7



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: 76.04 ng

RT: 13.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BF094119.D

Acq: 3 Apr 2017 14:32

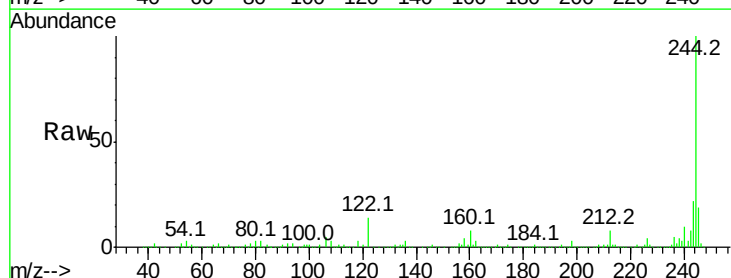
Tgt Ion:244 Resp: 1697570

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

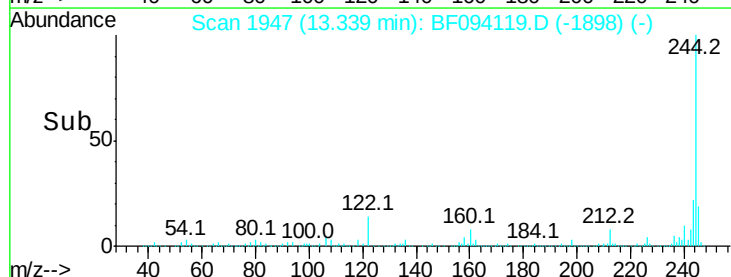
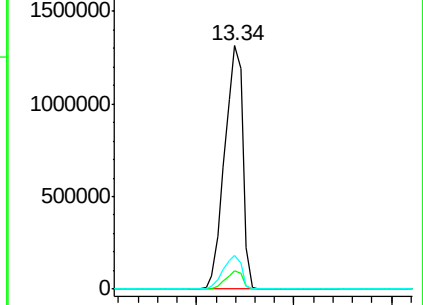
122 13.7 10.3 15.5

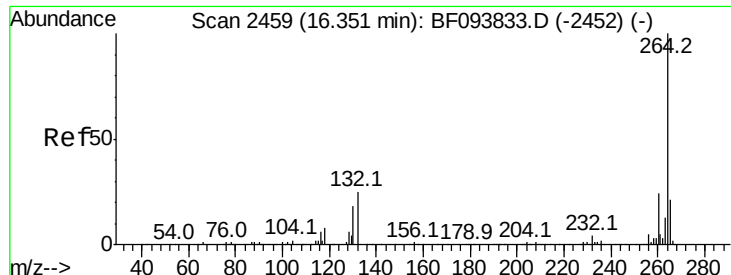


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

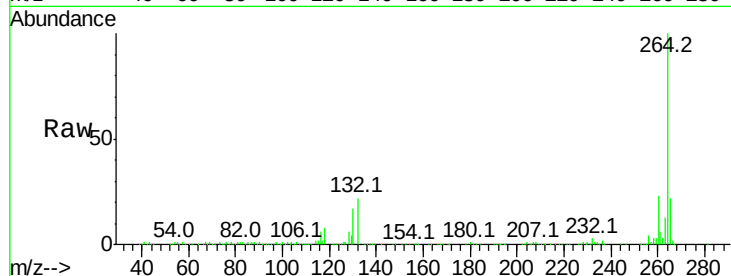




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BF094119.D
 Acq: 3 Apr 2017 14:32

Instrument :
 BNA_F
 ClientSampleId :
 PB97987BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.6	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

