

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094099.D
 Acq On : 31 Mar 2017 16:39
 Operator : SJ/MA
 Sample : I2458-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S2(2.5-3.0)

Quant Time: Mar 31 23:08:45 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

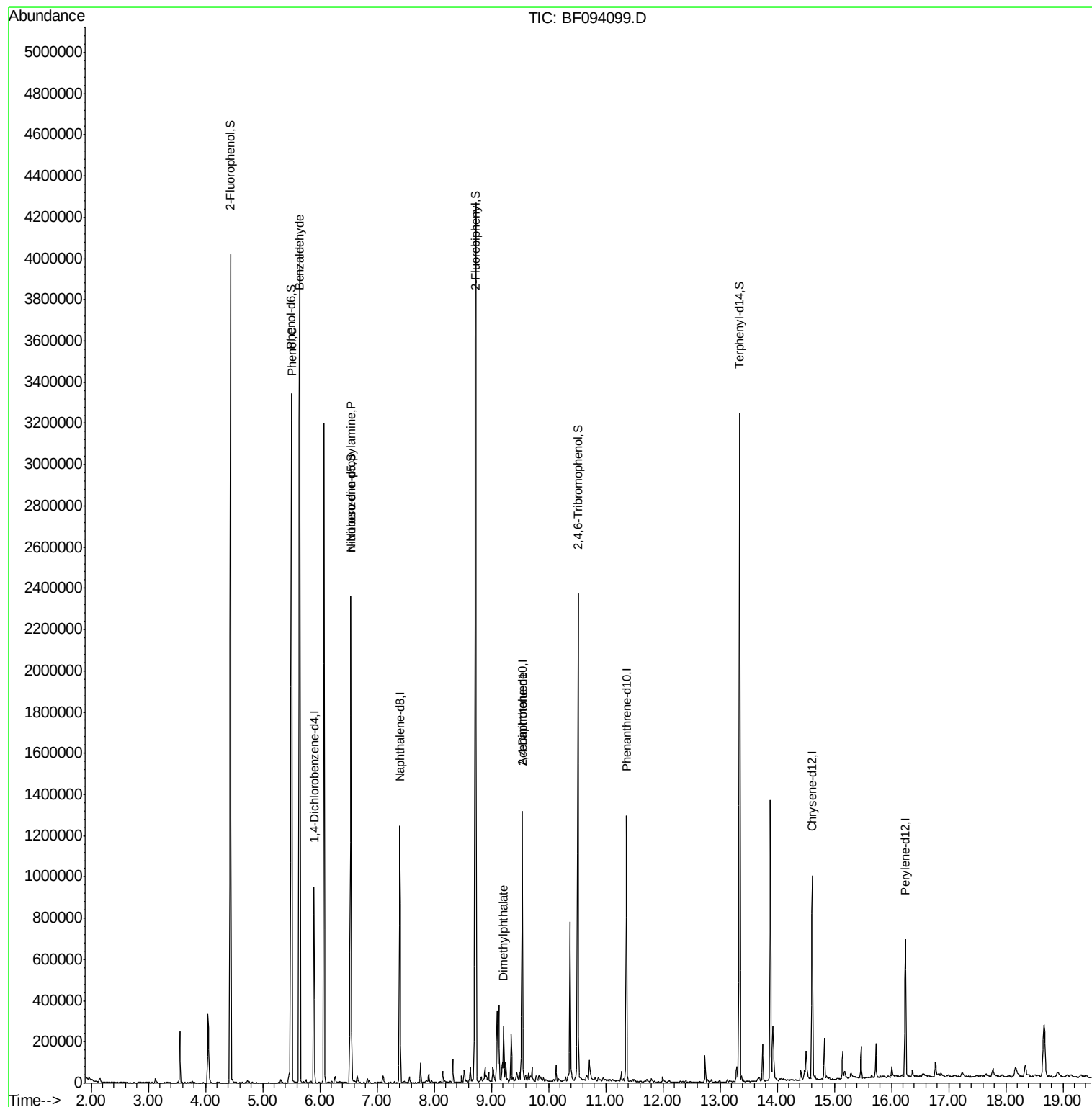
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	156135	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	628565	20.00	ng	-0.01
38) Acenaphthene-d10	9.54	164	287268	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	502658	20.00	ng	-0.01
75) Chrysene-d12	14.62	240	372485	20.00	ng	-0.01
86) Perylene-d12	16.24	264	264873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.44	112	1289616	139.51	ng	0.00
7) Phenol-d6	5.50	99	1692711	148.02	ng	0.00
23) Nitrobenzene-d5	6.55	82	1065544	96.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	334301	147.27	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1700192	90.27	ng	0.00
78) Terphenyl-d14	13.34	244	1253256	75.42	ng	0.00
Target Compounds						
9) Benzaldehyde	5.65	77	29247	3.79	ng	Qvalue 82
10) Phenol	5.52	94	44777	3.44	ng	94
19) n-Nitroso-di-n-propylamine	6.55	70	140964	19.18	ng	# 79
49) Dimethylphthalate	9.22	163	115774	5.67	ng	100
56) 2,4-Dinitrotoluene	9.54	165	35626	6.06	ng	# 33

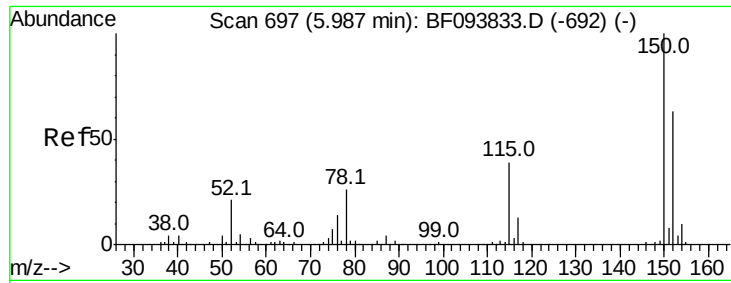
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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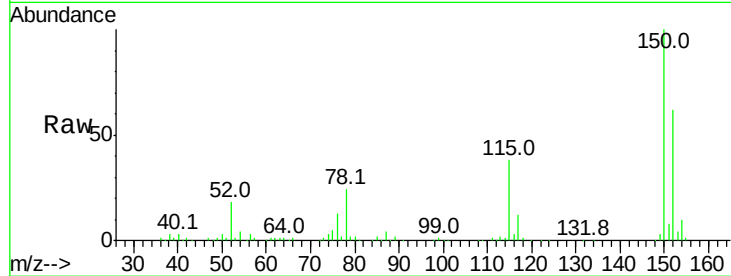


#1

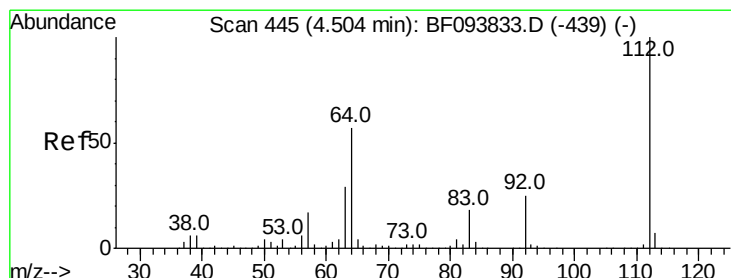
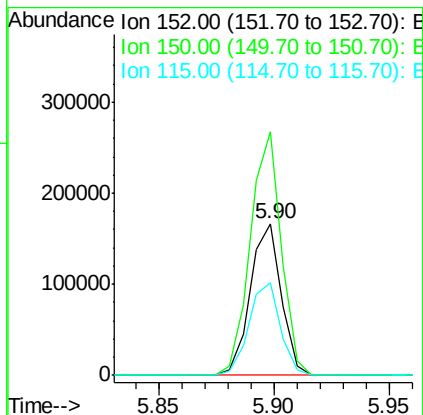
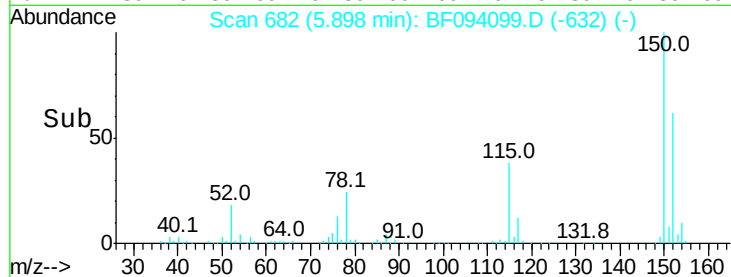
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.90 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S2(2.5-3.0)

Tot Ion:152 Resp: 156135
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.2 189.2
 115 60.7 52.2 78.2



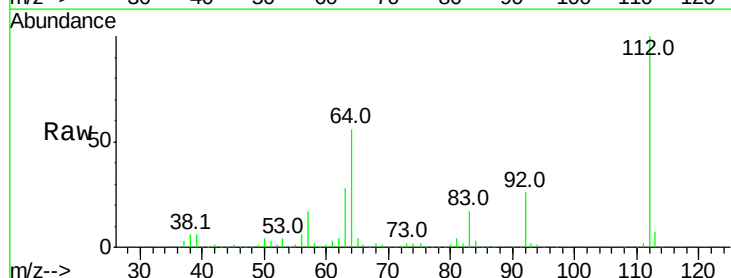
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



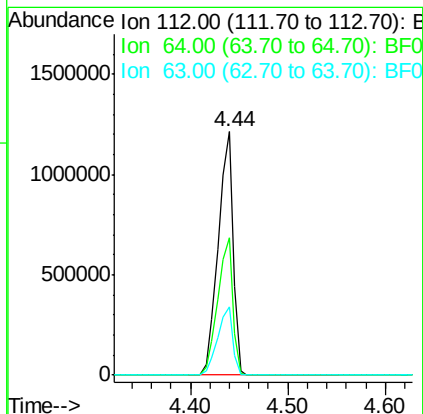
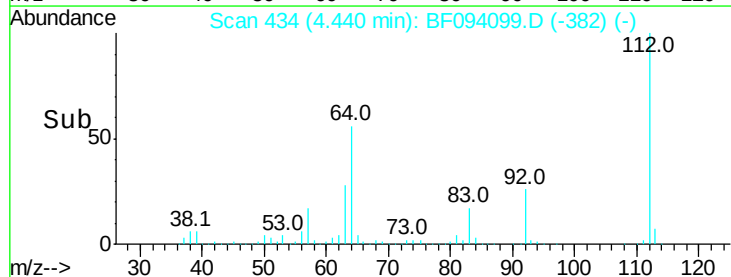
#5

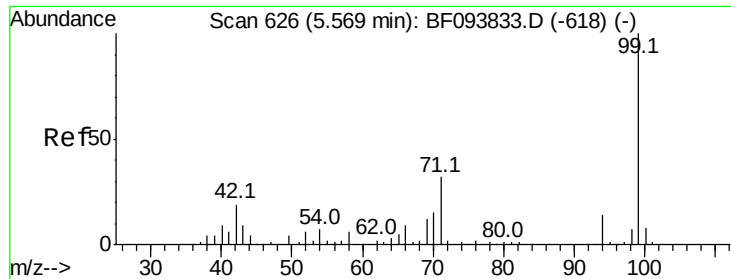
2-Fluorophenol
 Concen: 139.51 ng
 RT: 4.44 min Scan# 434
 Delta R.T. 0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Tgt Ion:112 Resp: 1289616
 Ion Ratio Lower Upper
 112 100
 64 56.4 46.0 69.0
 63 28.3 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: 148.02 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

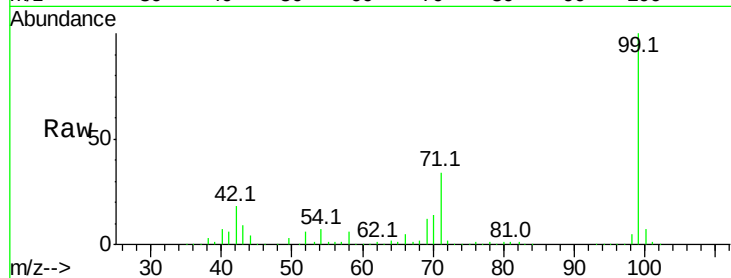
Tot Ion: 99 Resp: 1692711

Ion Ratio Lower Upper

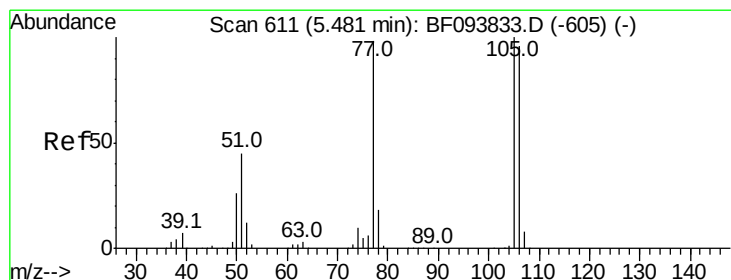
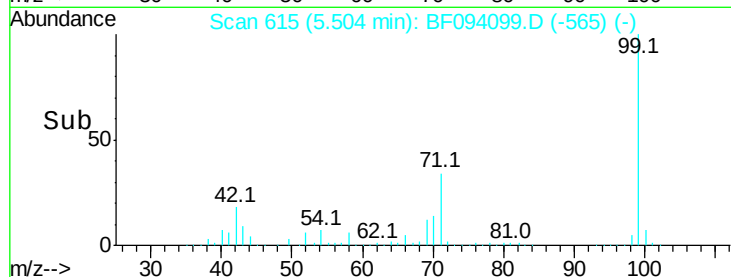
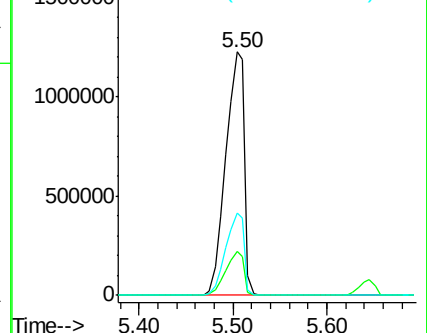
99 100

42 18.0 13.5 20.3

71 33.7 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



#9

Benzaldehyde

Concen: 3.79 ng

RT: 5.65 min Scan# 639

Delta R.T. 0.25 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

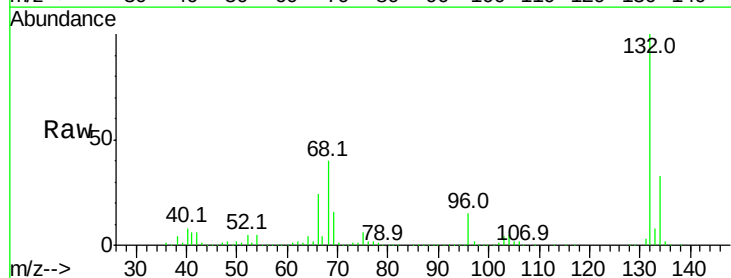
Tgt Ion: 77 Resp: 29247

Ion Ratio Lower Upper

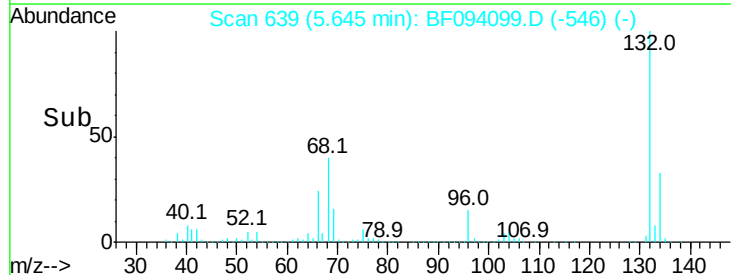
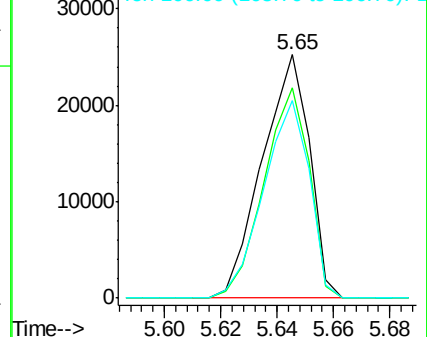
77 100

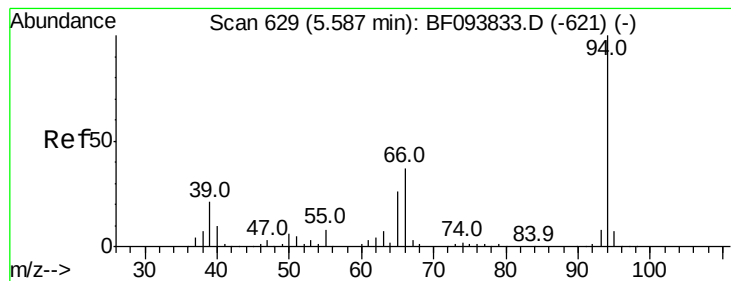
105 86.2 83.8 123.8

106 81.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.44 ng

RT: 5.52 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

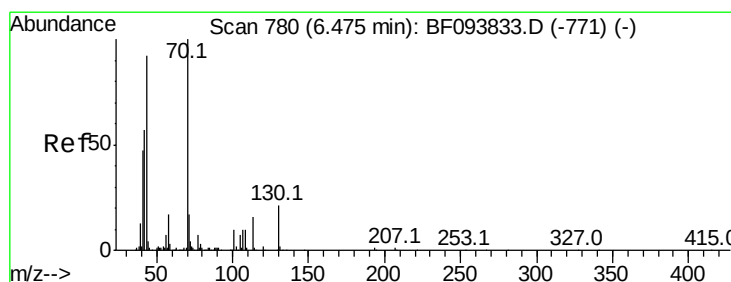
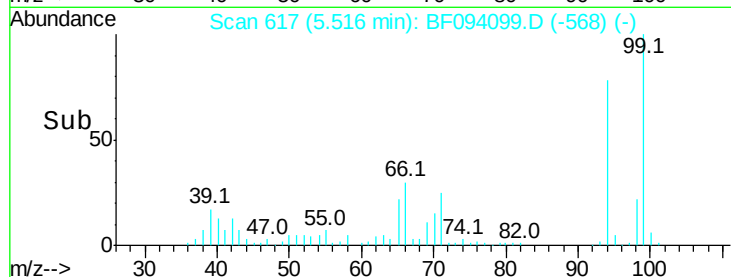
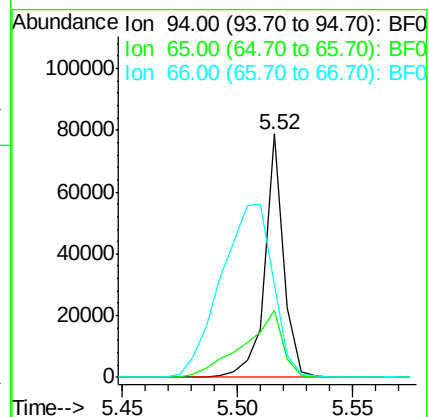
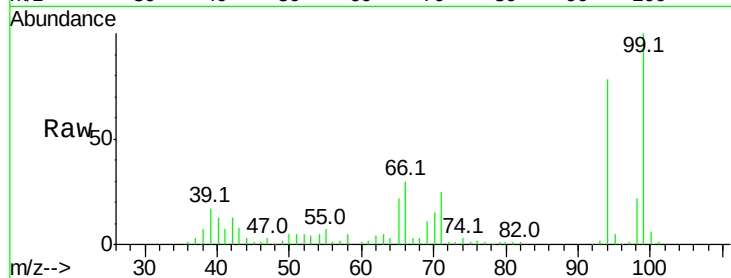
Tot Ion: 94 Resp: 44777

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

66 38.2 23.1 63.1



#19

n-Nitroso-di-n-propylamine

Concen: 19.18 ng

RT: 6.55 min Scan# 792

Delta R.T. 0.15 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Tgt Ion: 70 Resp: 140964

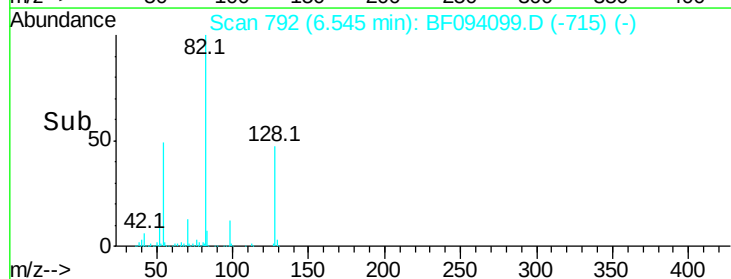
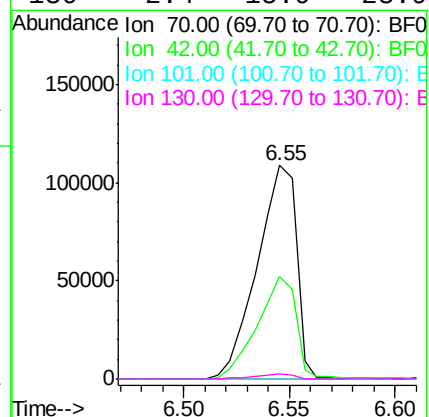
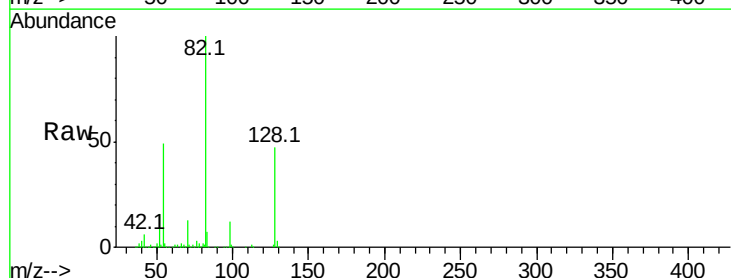
Ion Ratio Lower Upper

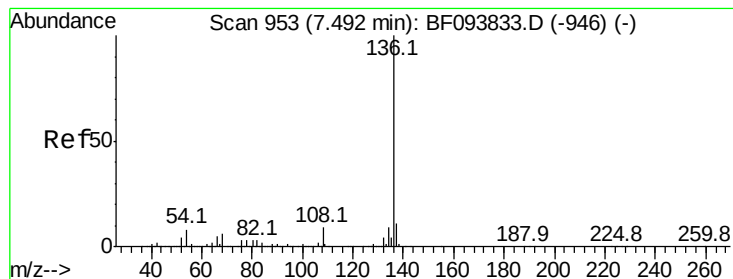
70 100

42 48.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

Tot Ion:136 Resp: 628565

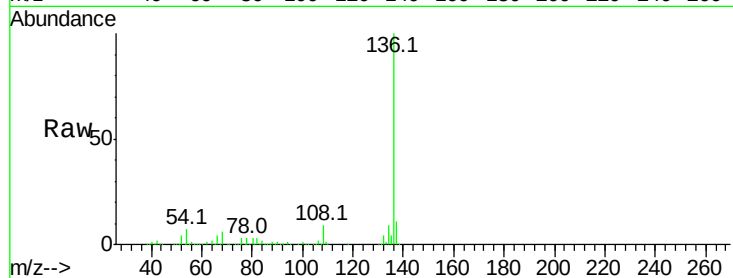
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 6.1 4.1 6.1

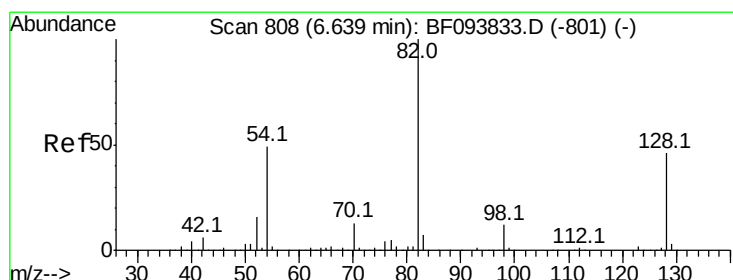
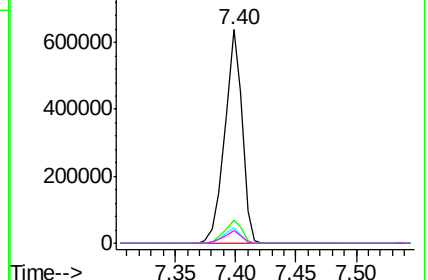
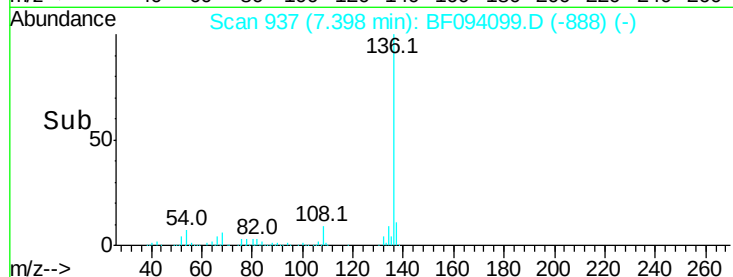


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.74 ng

RT: 6.55 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

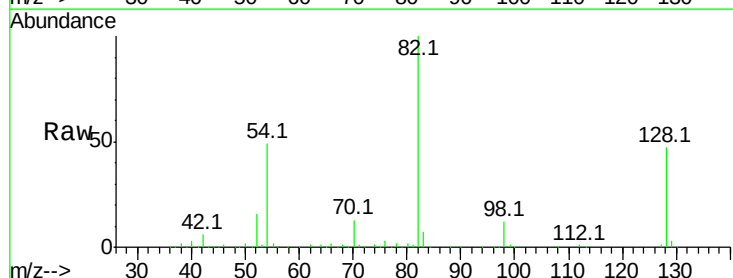
Tgt Ion: 82 Resp: 1065544

Ion Ratio Lower Upper

82 100

128 46.6 34.0 51.0

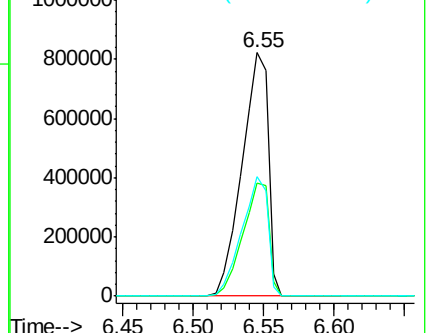
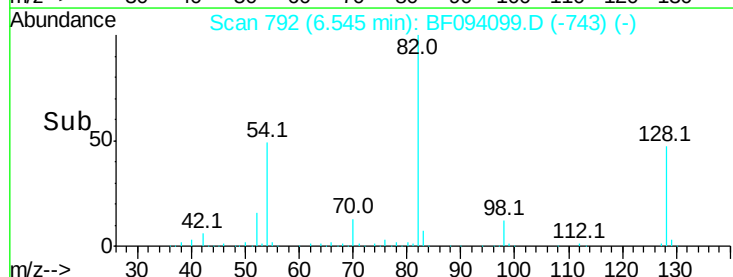
54 49.0 42.2 63.2

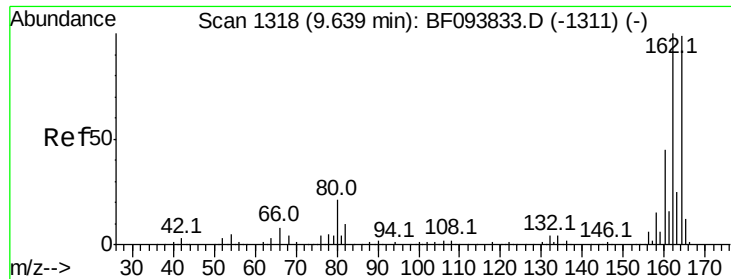


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

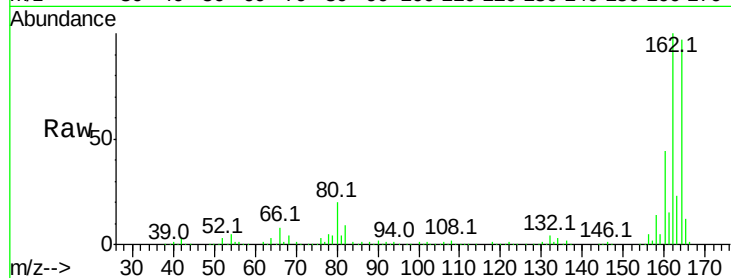




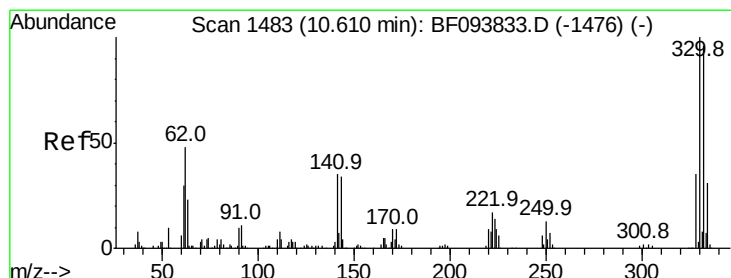
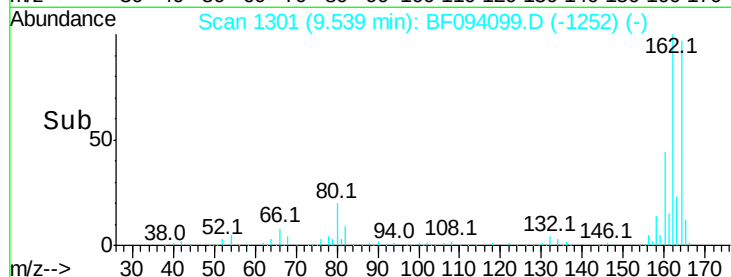
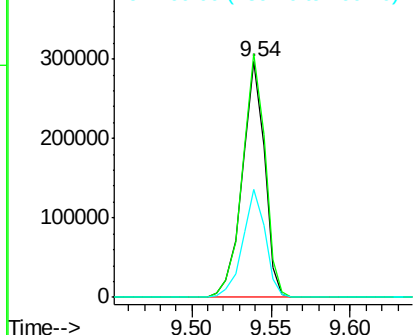
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Instrument :
BNA_F
ClientSampleId :
B-6-S2(2.5-3.0)

Tot Ion:164 Resp: 287268
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 46.0 36.2 54.2

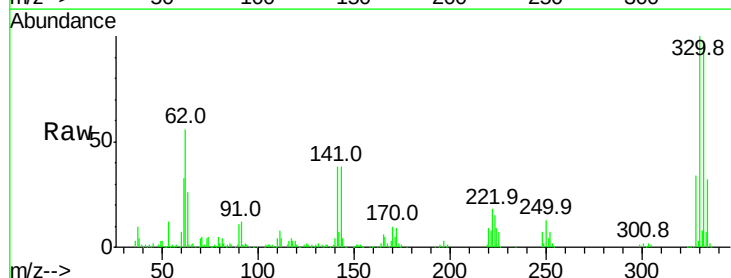


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

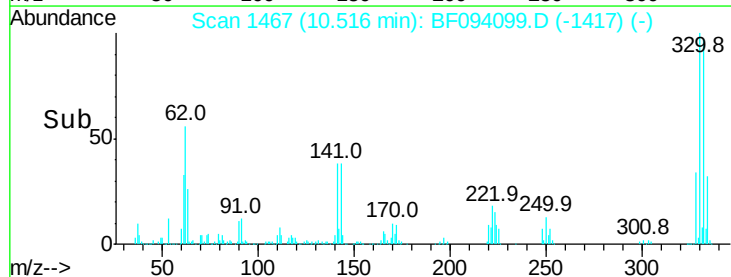
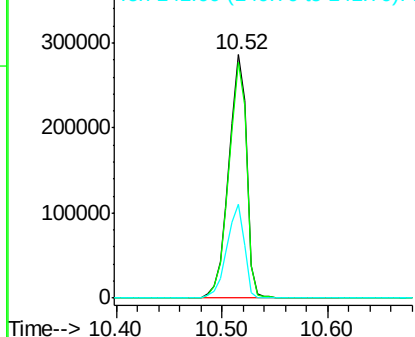


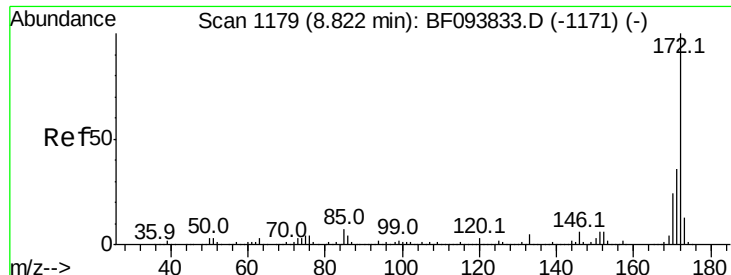
#41
2,4,6-Tribromophenol
Concen: 147.27 ng
RT: 10.52 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Tgt Ion:330 Resp: 334301
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 38.0 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



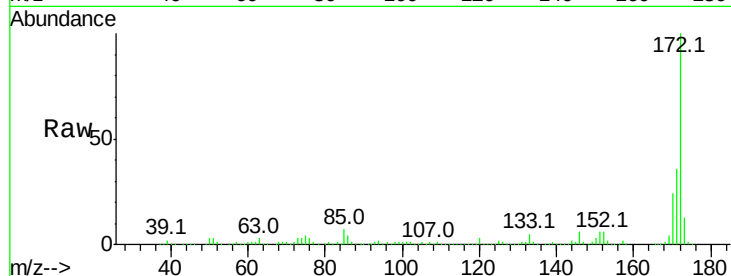


#44
2-Fluorobiphenyl
Concen: 90.27 ng
RT: 8.73 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

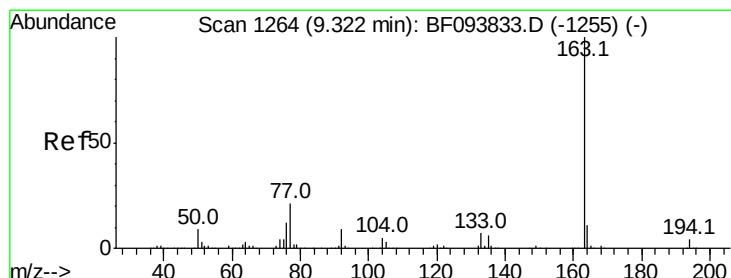
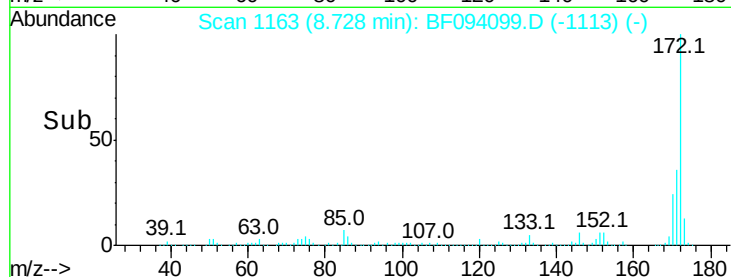
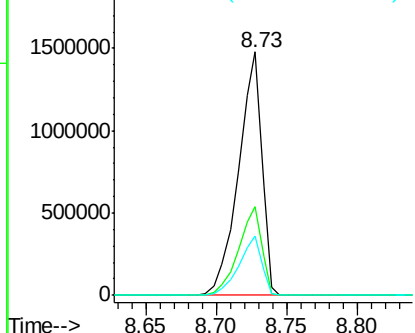
Instrument :
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B-6-S2(2.5-3.0)

Tot Ion:172 Resp: 1700192

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8



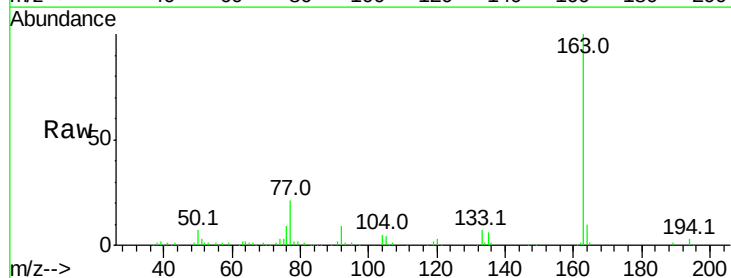
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



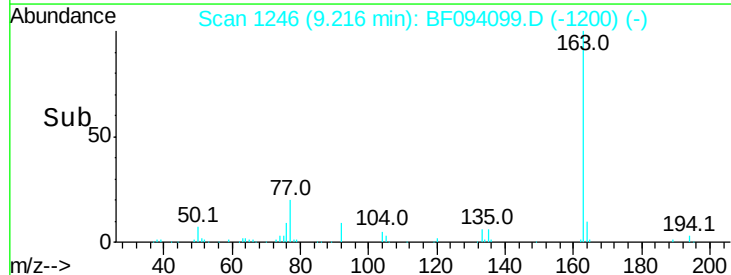
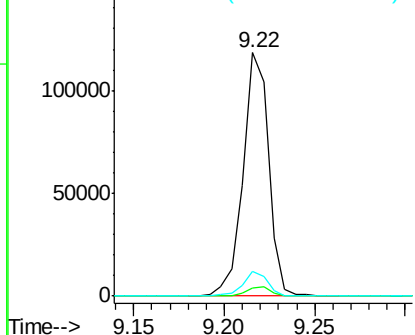
#49
Dimethylphthalate
Concen: 5.67 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.03 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

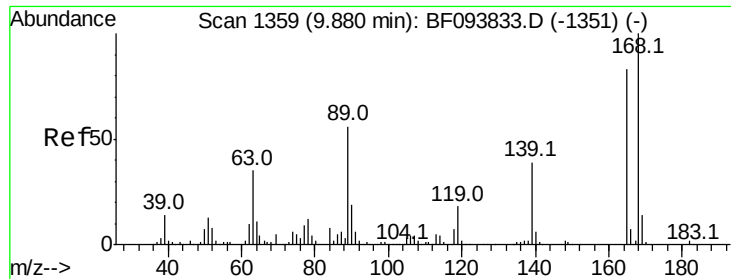
Tgt Ion:163 Resp: 115774

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

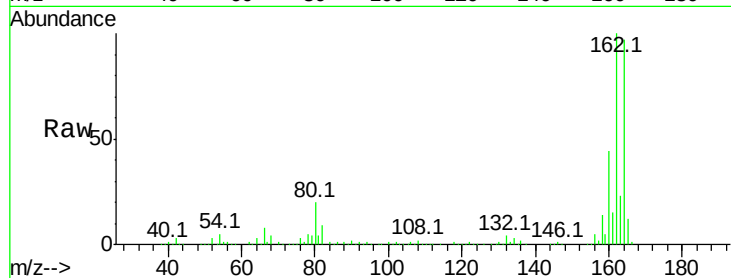




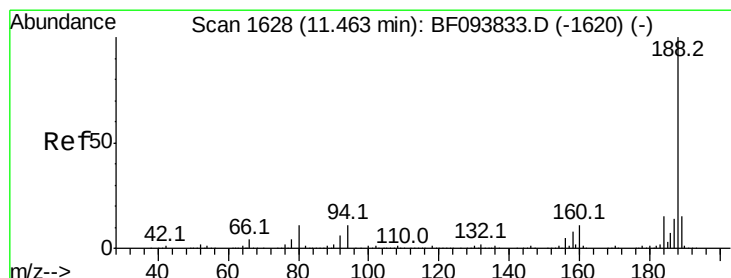
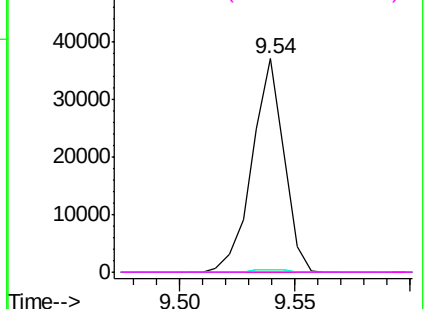
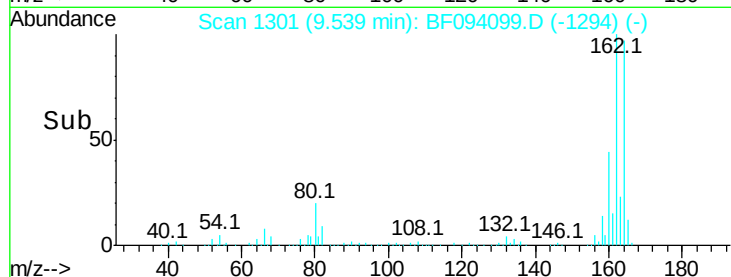
#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.54 min Scan# 1301
 Delta R.T. -0.26 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 B-6-S2(2.5-3.0)

Tot Ion:165 Resp: 35626
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 1.4 46.4 69.6#
 182 0.0 1.8 2.6#

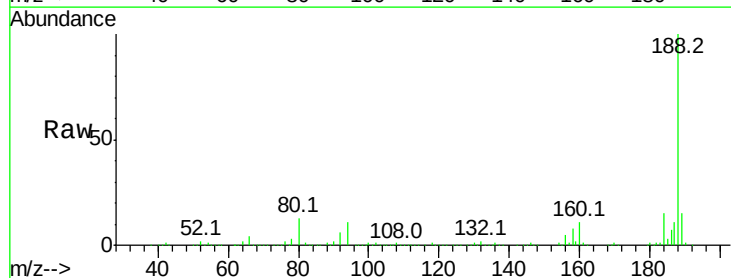


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

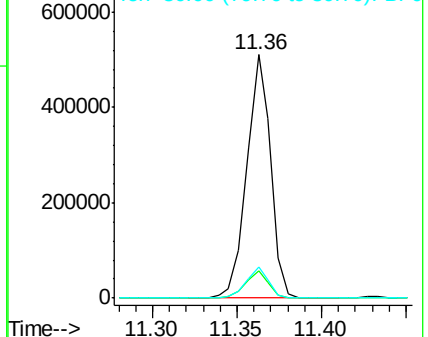
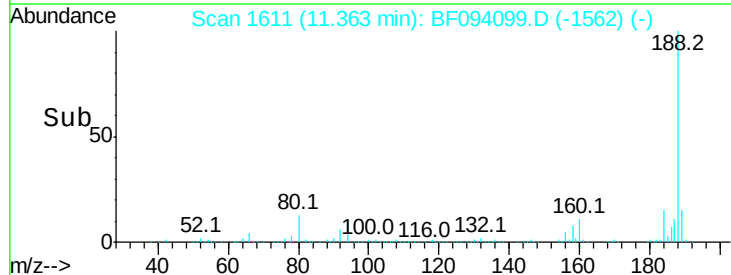


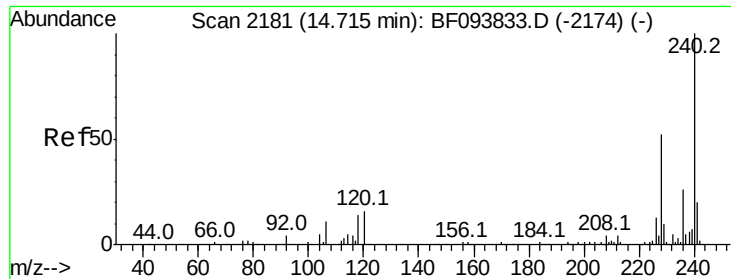
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF094099.D
 Acq: 31 Mar 2017 16:39

Tgt Ion:188 Resp: 502658
 Ion Ratio Lower Upper
 188 100
 94 11.1 9.4 14.2
 80 12.6 10.2 15.2



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: 14.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

Instrument :

BNA_F

ClientSampleId :

B-6-S2(2.5-3.0)

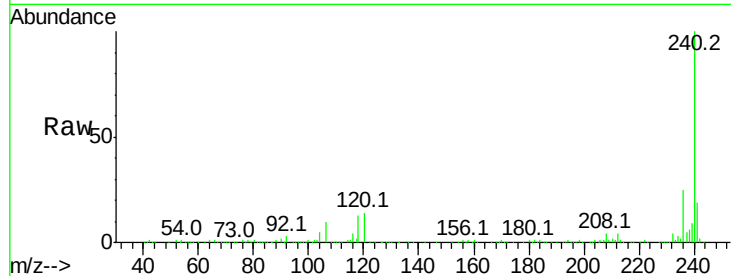
Tot Ion:240 Resp: 372485

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

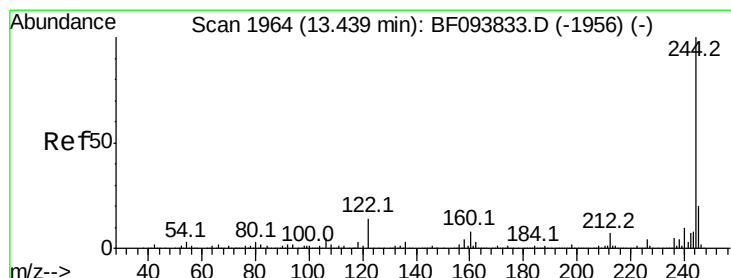
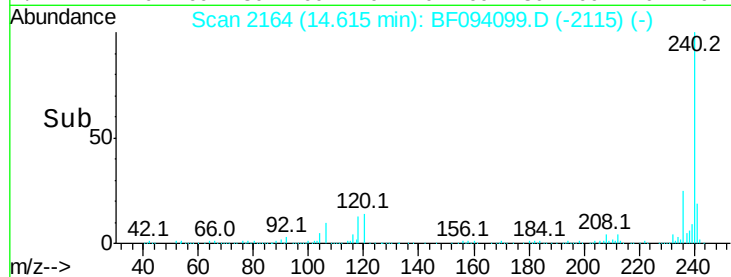
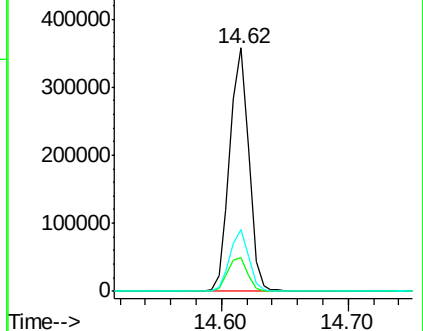
236 25.2 20.5 30.7



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: 75.42 ng

RT: 13.34 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BF094099.D

Acq: 31 Mar 2017 16:39

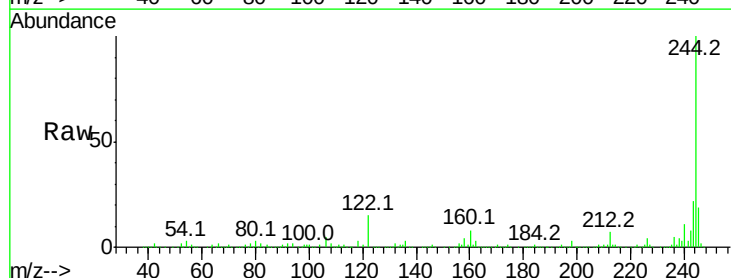
Tgt Ion:244 Resp: 1253256

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

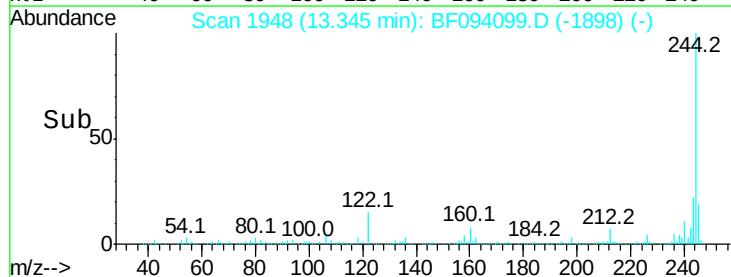
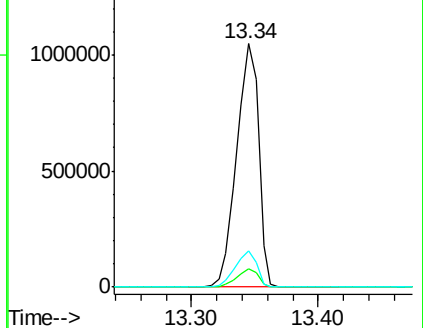
122 14.6 10.3 15.5

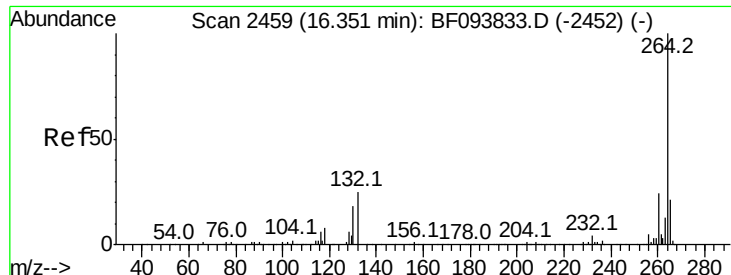


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2441
Delta R.T. -0.01 min
Lab File: BF094099.D
Acq: 31 Mar 2017 16:39

Instrument :
BNA_F
ClientSampleId :
B-6-S2(2.5-3.0)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.4	17.2	25.8

