

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094251.D
 Acq On : 7 Apr 2017 4:10
 Operator : SJ/MA
 Sample : I2574-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-S3(4-6)

Quant Time: Apr 07 04:43:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

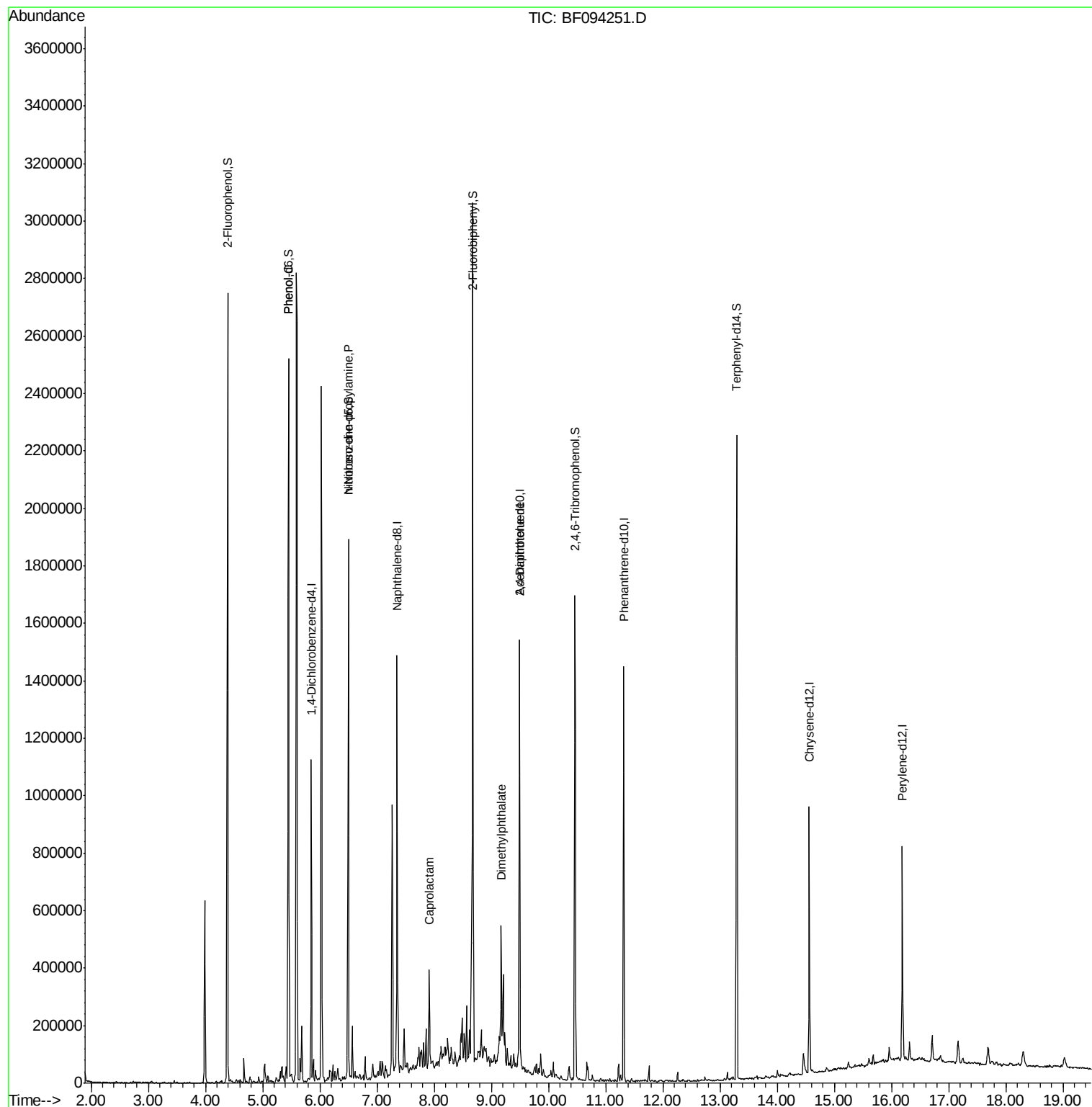
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	170902	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	708486	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	324513	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	555438	20.00	ng	0.00
75) Chrysene-d12	14.56	240	352687	20.00	ng	-0.01
86) Perylene-d12	16.19	264	290768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	844171	83.43	ng	0.00
7) Phenol-d6	5.46	99	1082883	86.51	ng	0.00
23) Nitrobenzene-d5	6.50	82	654583	52.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	212924	83.03	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1134252	53.31	ng	-0.01
78) Terphenyl-d14	13.29	244	791053	50.28	ng	0.00
Target Compounds						
10) Phenol	5.46	94	65415	4.59	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	6.50	70	89379	11.11	ng	# 79
35) Caprolactam	7.92	113	8492	2.83	ng	# 56
49) Dimethylphthalate	9.17	163	221208	9.59	ng	100
56) 2,4-Dinitrotoluene	9.49	165	42806	6.44	ng	# 33

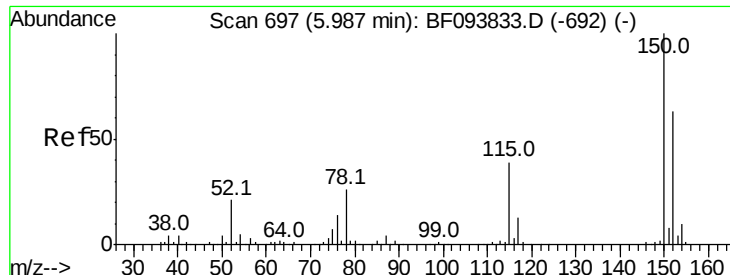
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

Instrument :

BNA_F

ClientSampleId :

B2-S3(4-6)

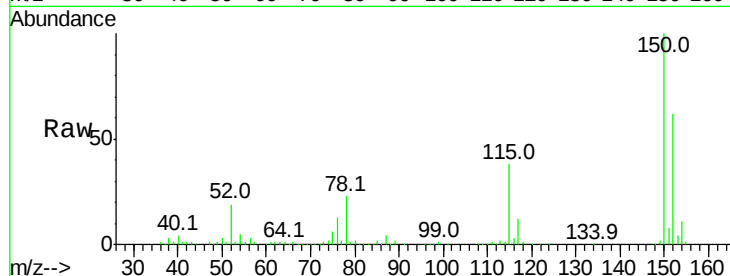
Tot Ion:152 Resp: 170902

Ion Ratio Lower Upper

152 100

150 160.6 126.2 189.2

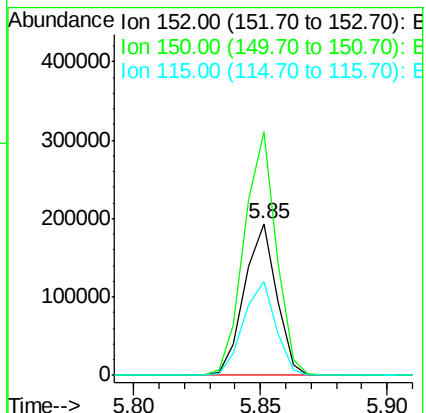
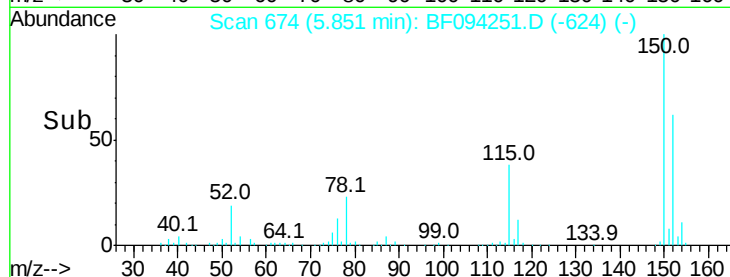
115 61.5 52.2 78.2



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: 83.43 ng

RT: 4.39 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

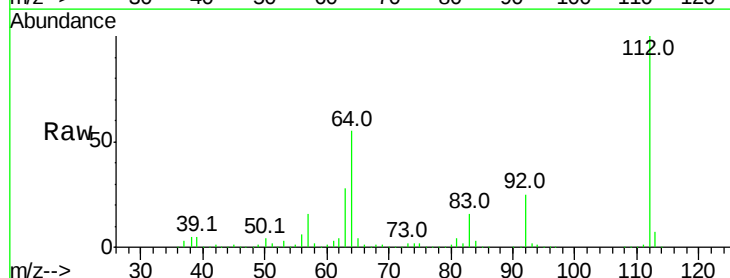
Tgt Ion:112 Resp: 844171

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

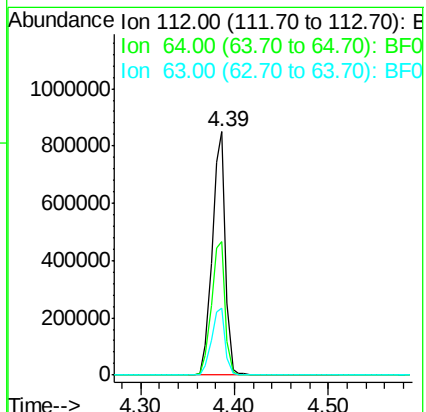
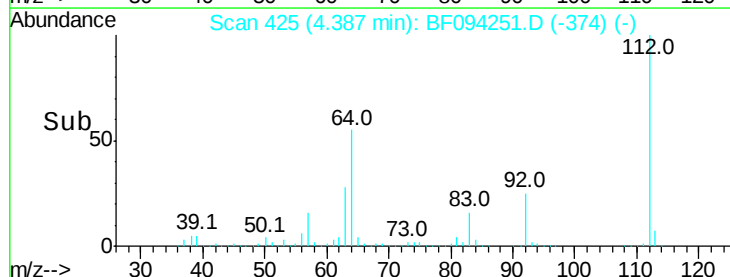
63 27.7 23.4 35.0



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: 86.51 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

Instrument :

BNA_F

ClientSampleId :

B2-S3(4-6)

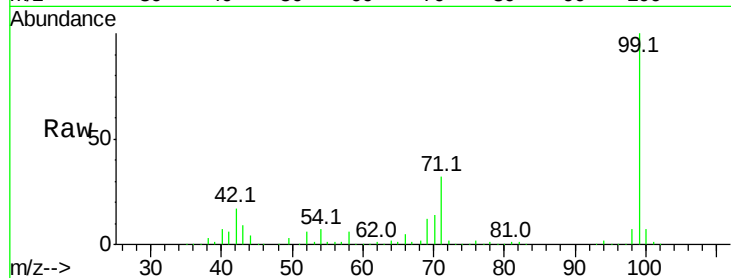
Tot Ion: 99 Resp: 1082883

Ion Ratio Lower Upper

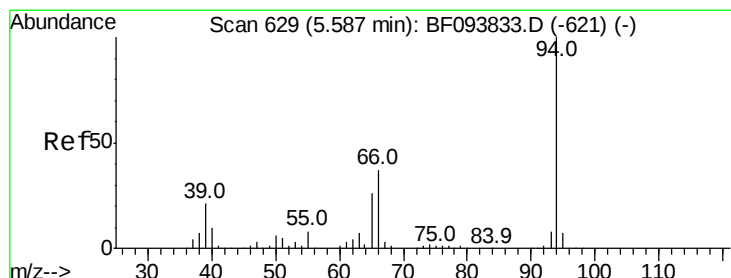
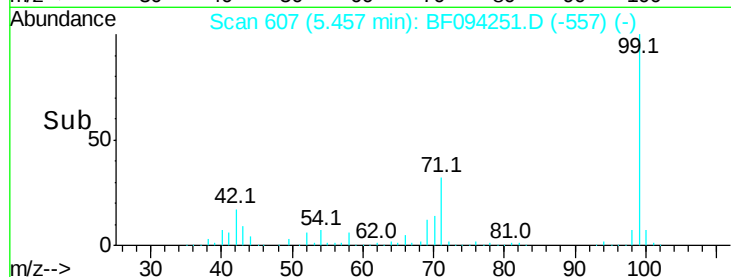
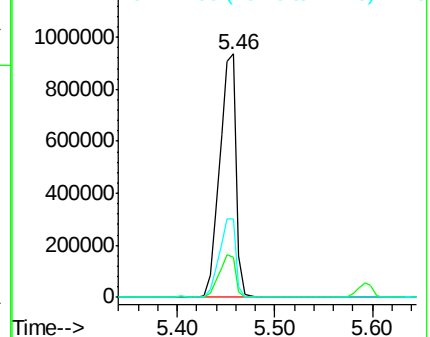
99 100

42 16.6 13.5 20.3

71 32.1 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



#10

Phenol

Concen: 4.59 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

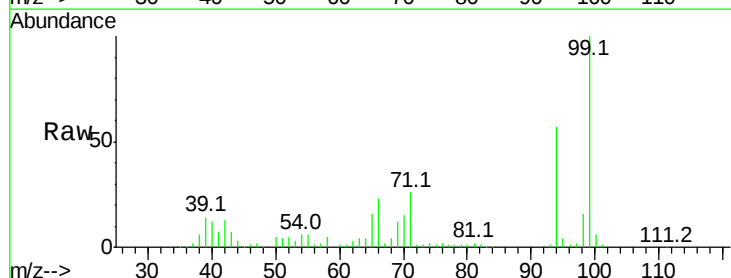
Tgt Ion: 94 Resp: 65415

Ion Ratio Lower Upper

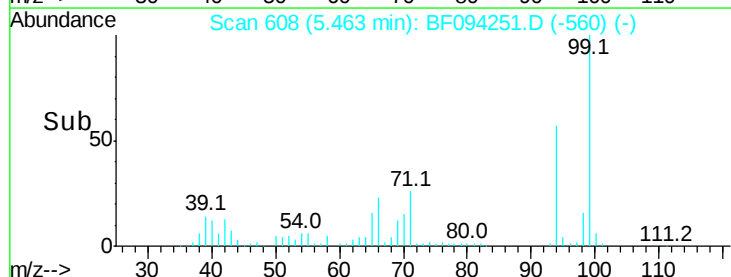
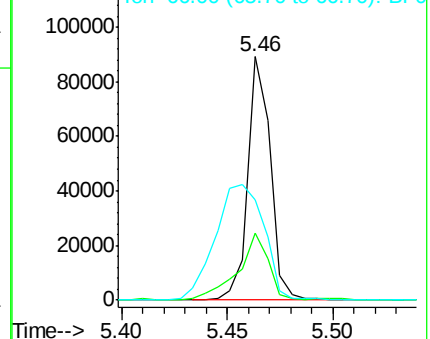
94 100

65 27.5 9.9 49.9

66 41.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.11 ng

RT: 6.50 min Scan# 784

Delta R.T. 0.15 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

Instrument :

BNA_F

ClientSampleId :

B2-S3(4-6)

Tot Ion: 70 Resp: 89379

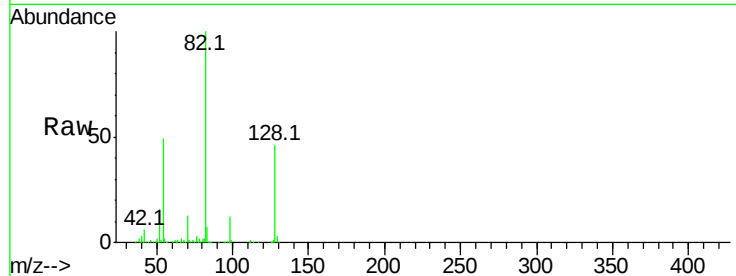
Ion Ratio Lower Upper

70 100

42 47.8 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

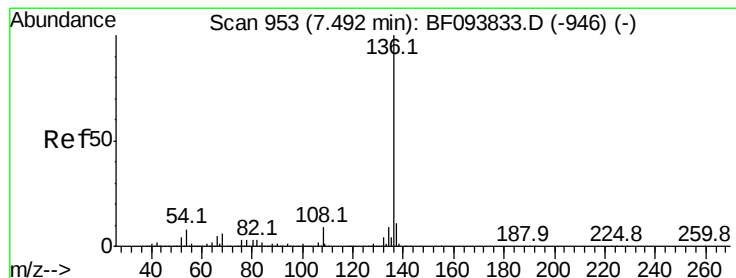
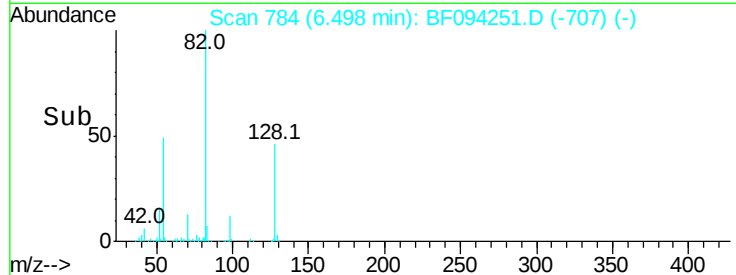
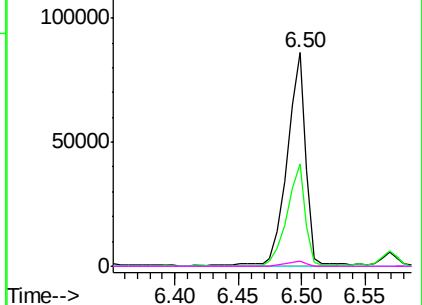


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.35 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

Tgt Ion: 136 Resp: 708486

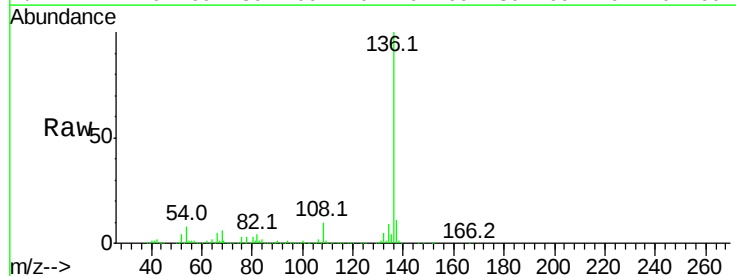
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.9 4.9 7.3#

68 6.3 4.1 6.1#

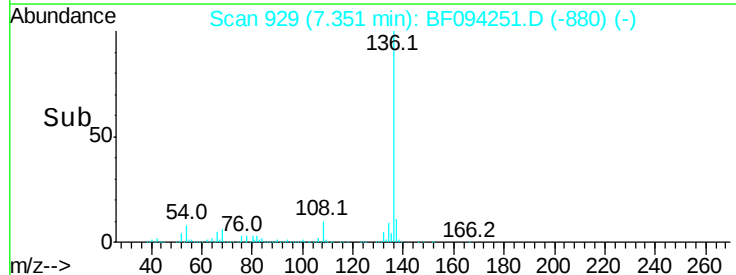
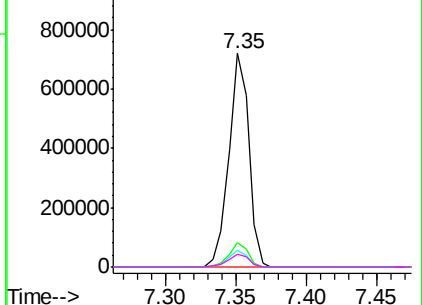


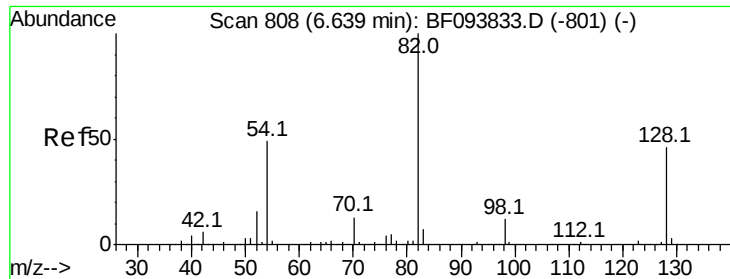
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

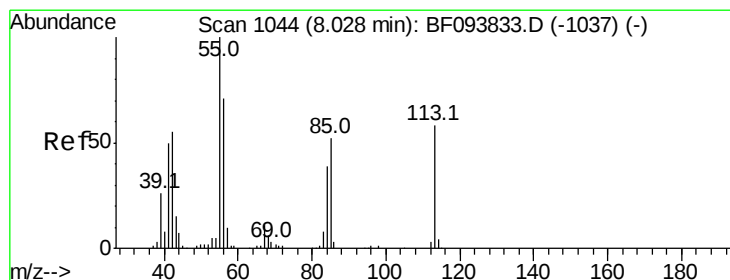
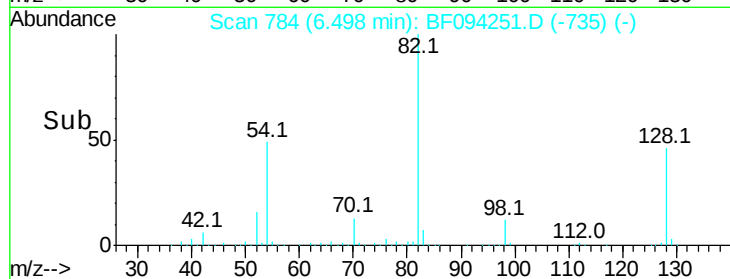
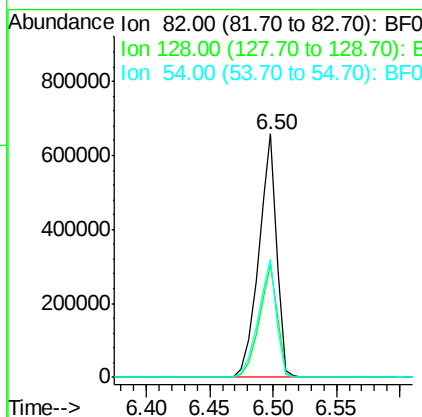
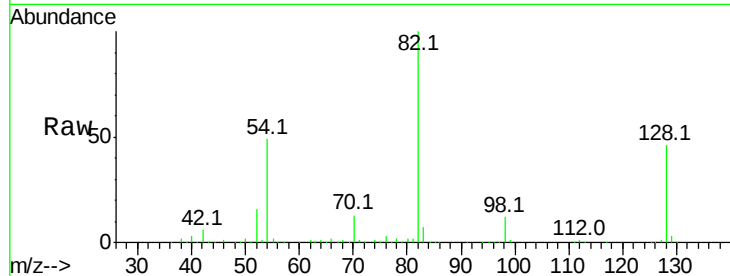




#23
 Nitrobenzene-d5
 Concen: 52.73 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF094251.D
 Acq: 7 Apr 2017 4:10

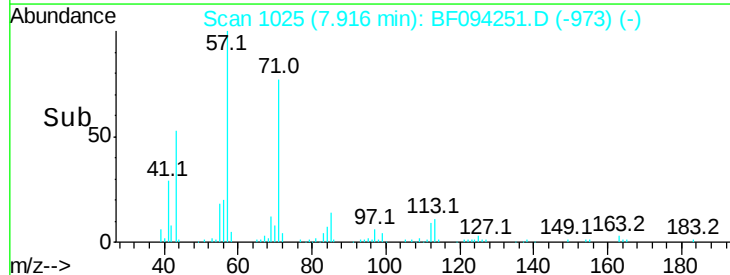
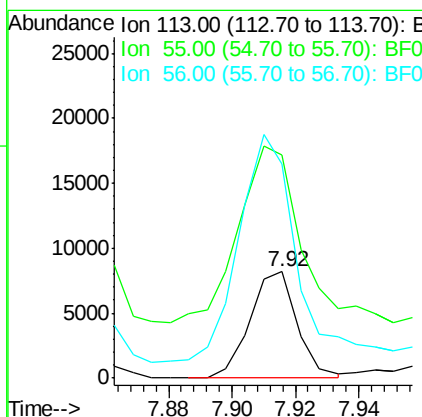
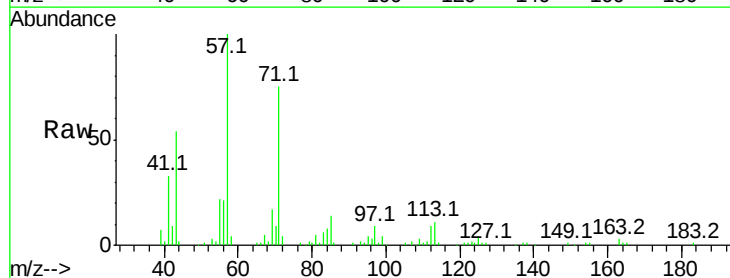
Instrument :
 BNA_F
 ClientSampleId :
 B2-S3(4-6)

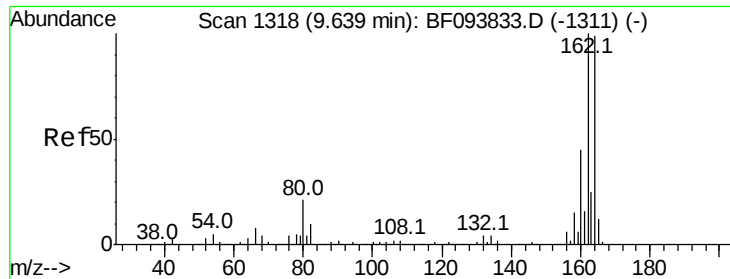
Tot Ion	82	Resp	654583
Ion Ratio	100		
Lower		34.0	51.0
Upper		42.2	63.2



#35
 Caprolactam
 Concen: 2.83 ng
 RT: 7.92 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF094251.D
 Acq: 7 Apr 2017 4:10

Tgt Ion	113	Resp	8492
Ion Ratio	100		
Lower		150.2	190.2#
Upper		107.8	147.8#

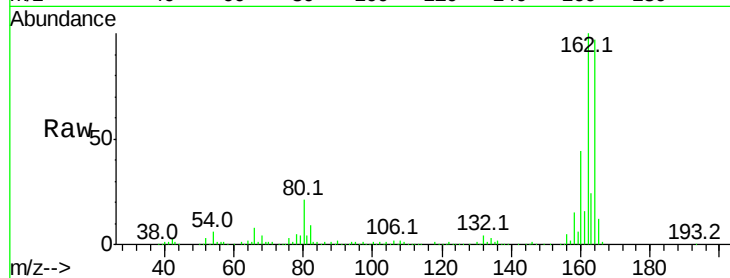




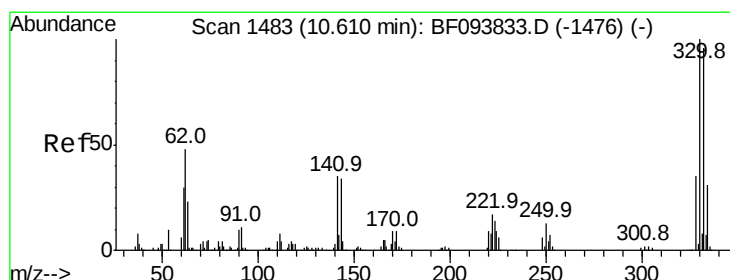
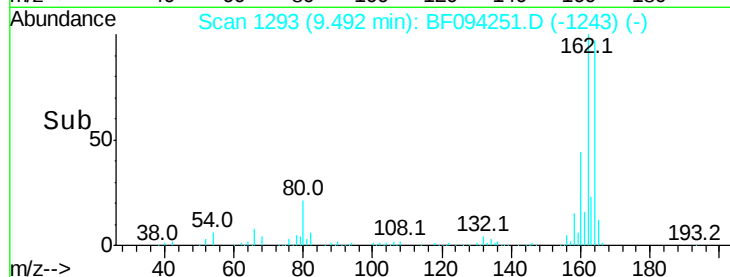
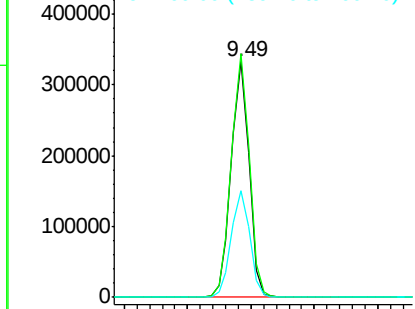
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094251.D
Acq: 7 Apr 2017 4:10

Instrument :
BNA_F
ClientSampleId :
B2-S3(4-6)

Tot Ion:164 Resp: 324513
Ion Ratio Lower Upper
164 100
162 103.2 82.6 123.8
160 45.4 36.2 54.2

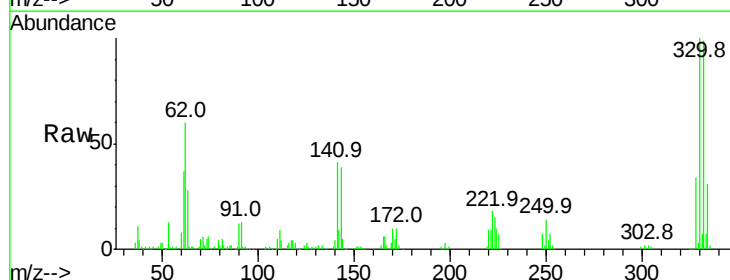


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

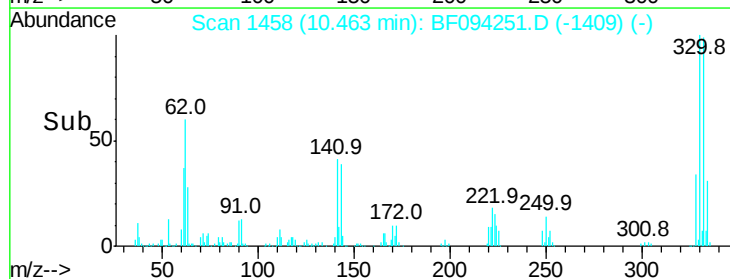
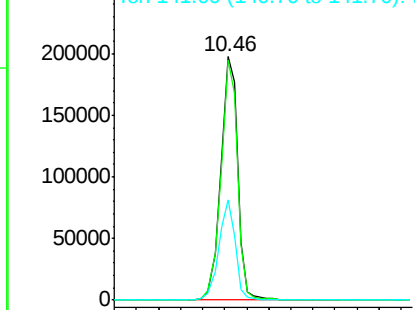


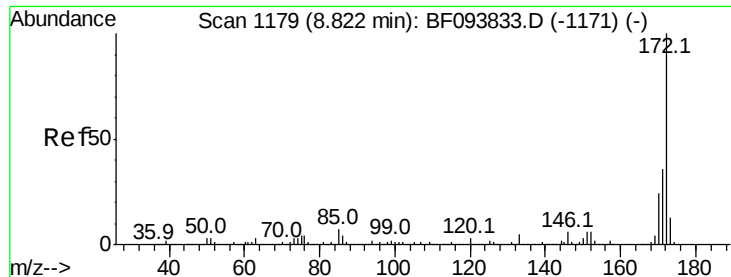
#41
2,4,6-Tribromophenol
Concen: 83.03 ng
RT: 10.46 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF094251.D
Acq: 7 Apr 2017 4:10

Tgt Ion:330 Resp: 212924
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 39.3 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



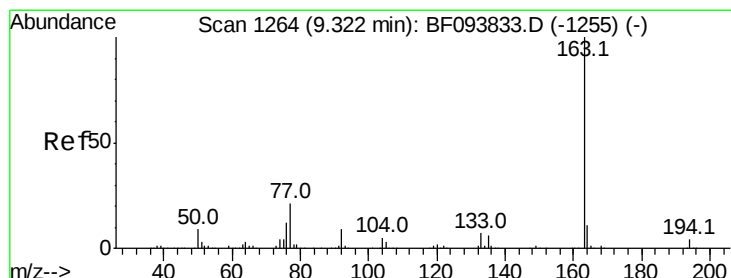
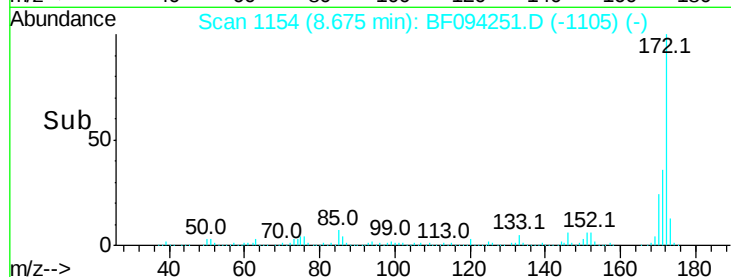
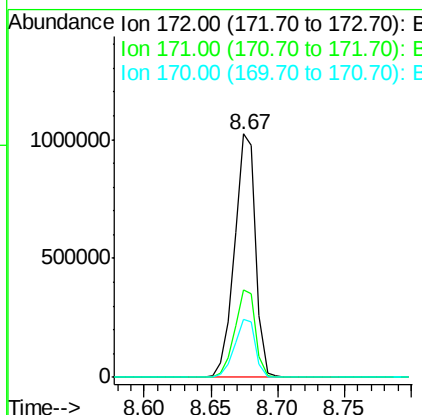
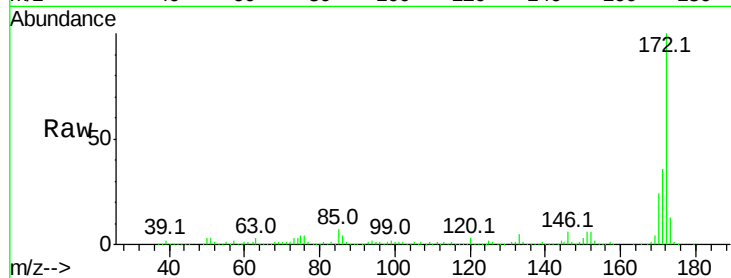


#44
 2-Fluorobiphenyl
 Concen: 53.31 ng
 RT: 8.67 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF094251.D
 Acq: 7 Apr 2017 4:10

Instrument :
 BNA_F
 ClientSampleId :
 B2-S3(4-6)

Tot Ion:172 Resp: 1134252

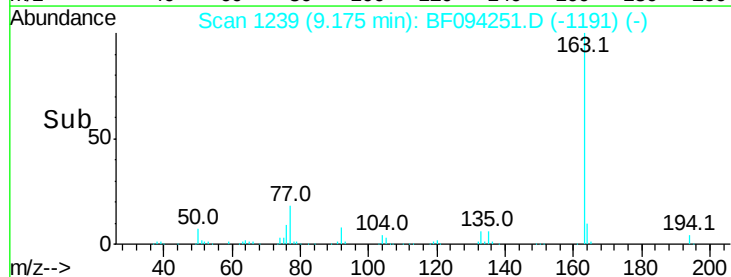
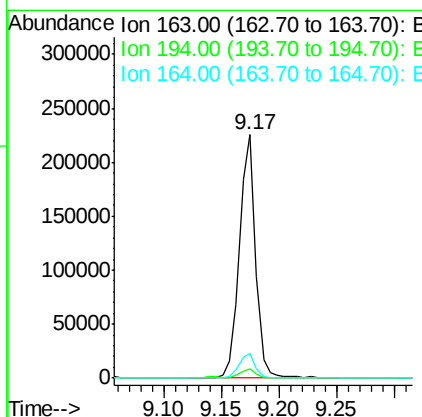
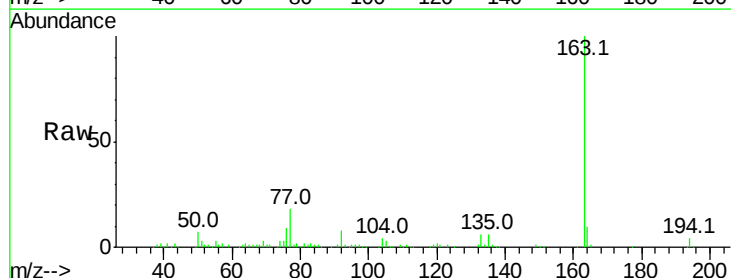
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

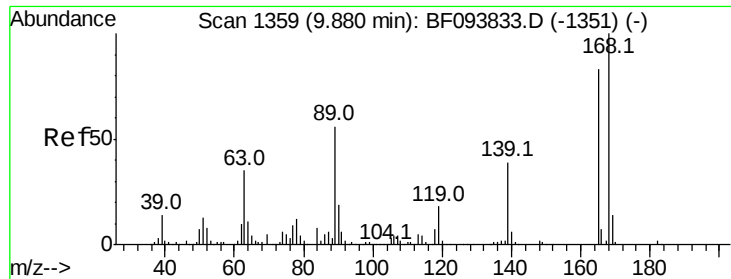


#49
 Dimethylphthalate
 Concen: 9.59 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094251.D
 Acq: 7 Apr 2017 4:10

Tgt Ion:163 Resp: 221208

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.4	8.4	12.6

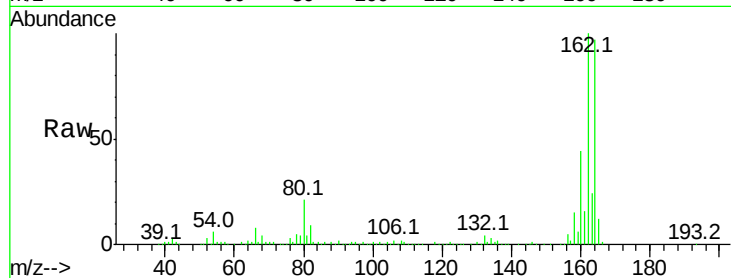




#56
 2,4-Dinitrotoluene
 Concen: 6.44 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094251.D
 Acq: 7 Apr 2017 4:10

Instrument :
 BNA_F
 ClientSampleId :
 B2-S3(4-6)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

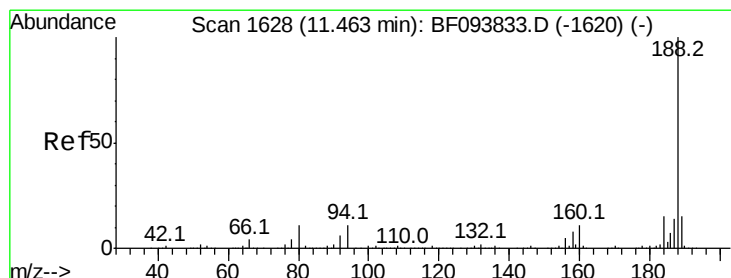
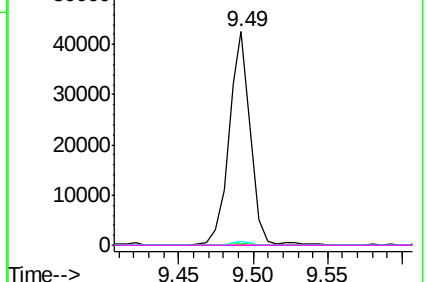
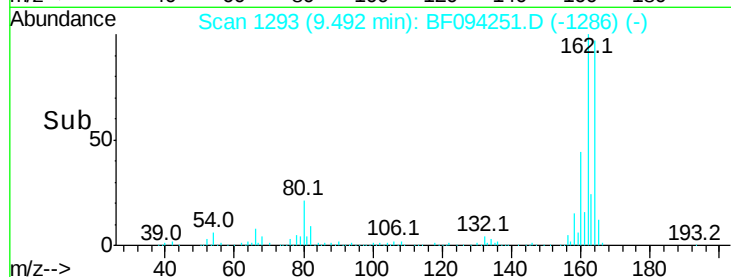


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

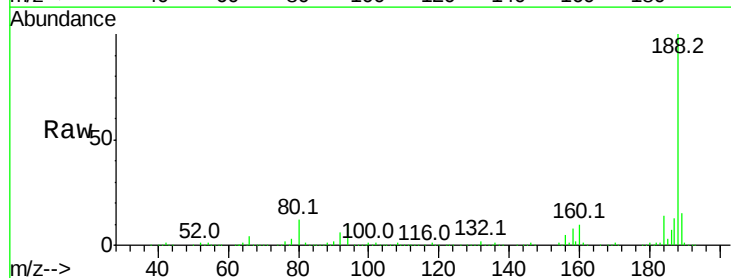
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF094251.D
 Acq: 7 Apr 2017 4:10

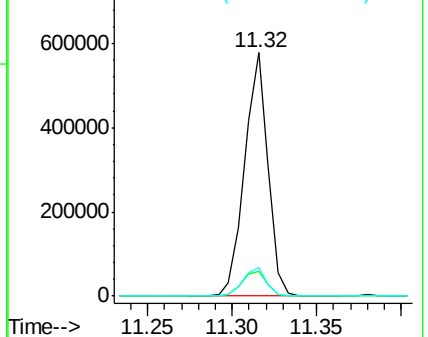
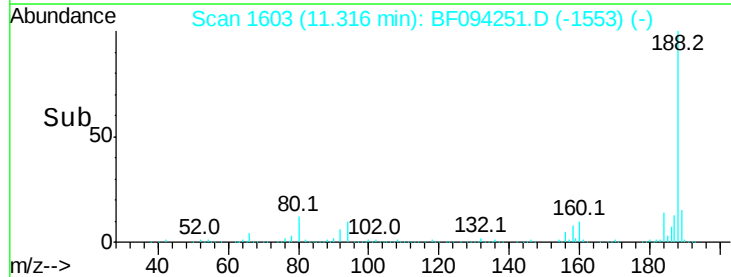
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.5	10.2	15.2

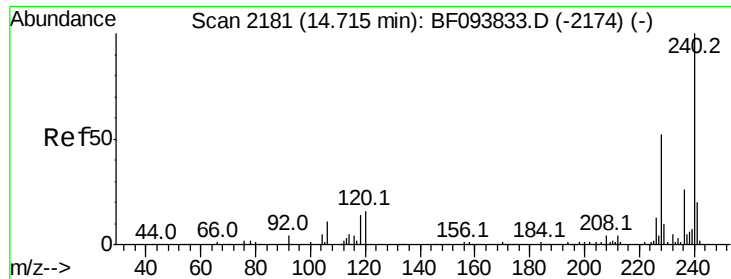


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

Instrument :

BNA_F

ClientSampleId :

B2-S3(4-6)

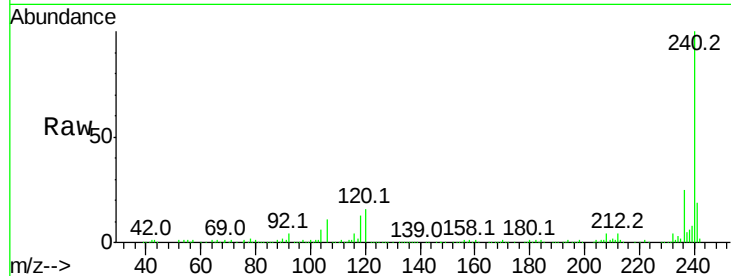
Tot Ion:240 Resp: 352687

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

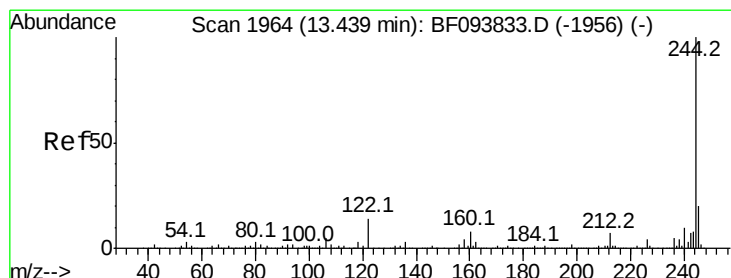
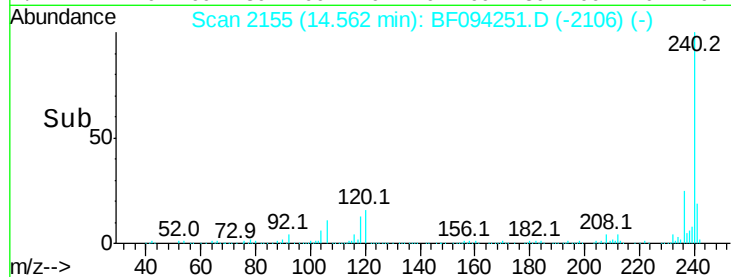
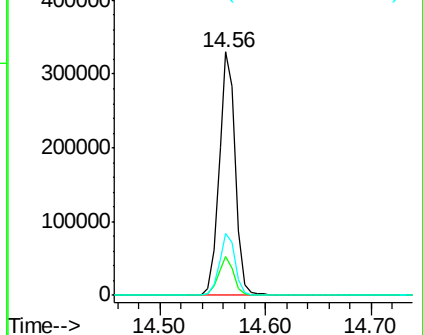
236 25.3 20.5 30.7



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: 50.28 ng

RT: 13.29 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BF094251.D

Acq: 7 Apr 2017 4:10

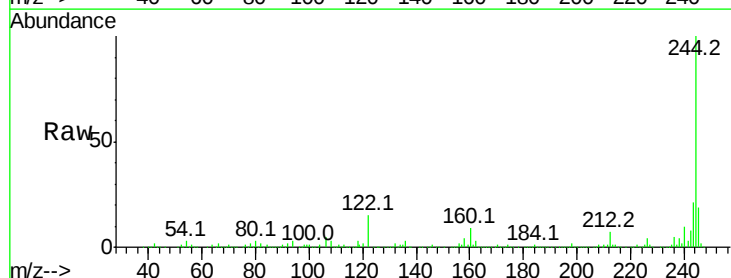
Tgt Ion:244 Resp: 791053

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

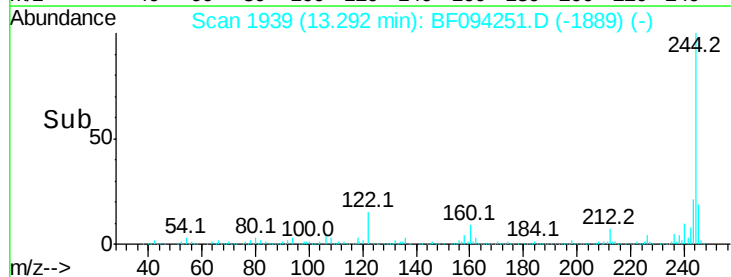
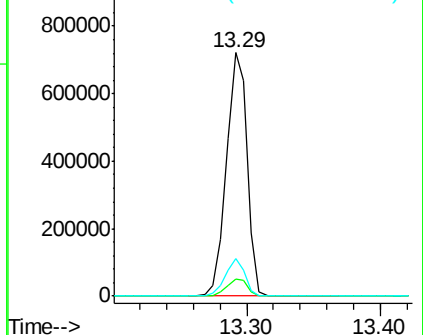
122 15.4 10.3 15.5

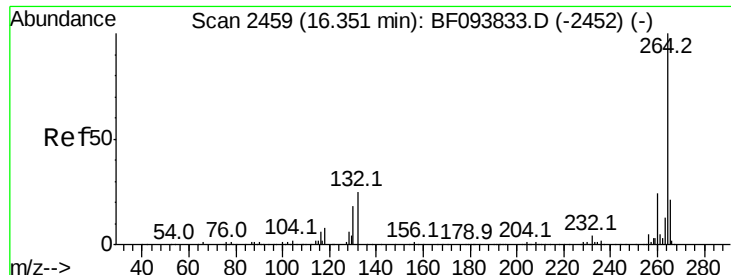


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BF094251.D
Acq: 7 Apr 2017 4:10

Instrument :
BNA_F
ClientSampleId :
B2-S3(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	17.2	25.8

