

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094239.D
 Acq On : 6 Apr 2017 20:18
 Operator : SJ/MA
 Sample : I2534-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(5-10)

Quant Time: Apr 07 01:05:15 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

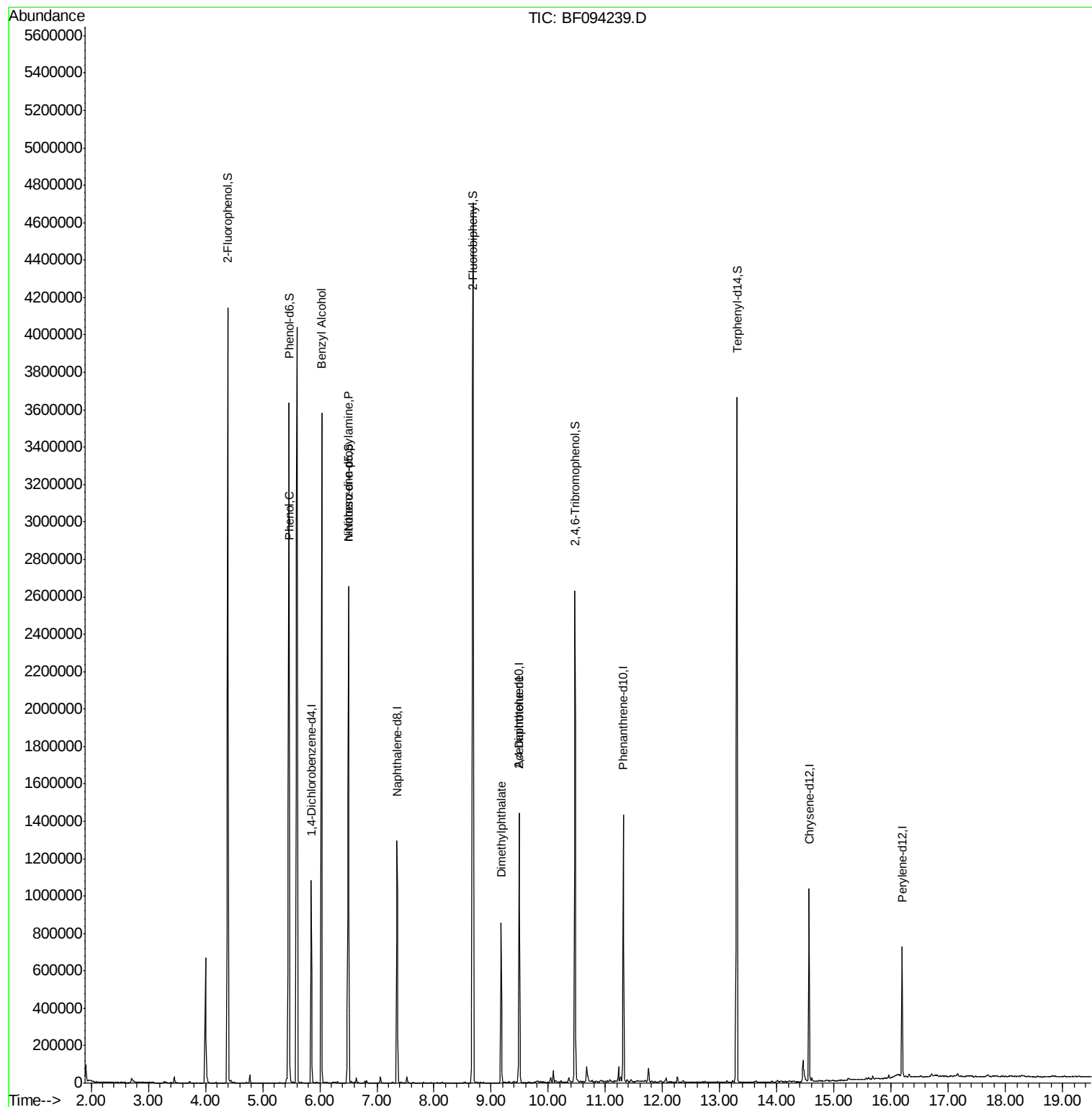
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	162671	20.00	ng	0.00
21) Naphthalene-d8	7.35	136	673457	20.00	ng	-0.01
38) Acenaphthene-d10	9.49	164	312952	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	557644	20.00	ng	0.00
75) Chrysene-d12	14.56	240	394707	20.00	ng	-0.01
86) Perylene-d12	16.19	264	277073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.39	112	1356824	140.88	ng	0.00
7) Phenol-d6	5.46	99	1788431	150.10	ng	0.00
23) Nitrobenzene-d5	6.50	82	1089052	92.29	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	382177	154.54	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1887322	91.98	ng	0.00
78) Terphenyl-d14	13.30	244	1564203	88.83	ng	0.00
Target Compounds						
10) Phenol	5.47	94	119056	8.78	ng	Qvalue 86
15) Benzyl Alcohol	6.03	79	17538	2.01	ng	# 51
19) n-Nitroso-di-n-propylamine	6.50	70	142327	18.59	ng	# 78
49) Dimethylphthalate	9.17	163	371740	16.71	ng	98
56) 2,4-Dinitrotoluene	9.49	165	39805	6.21	ng	# 33

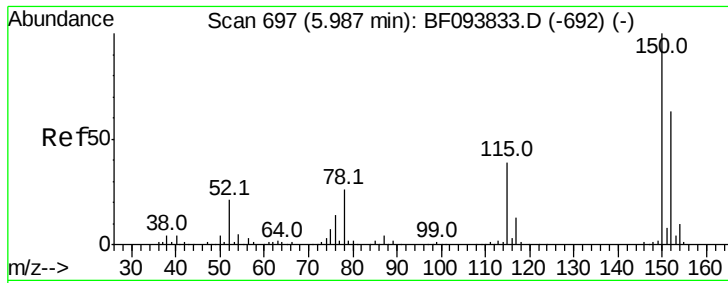
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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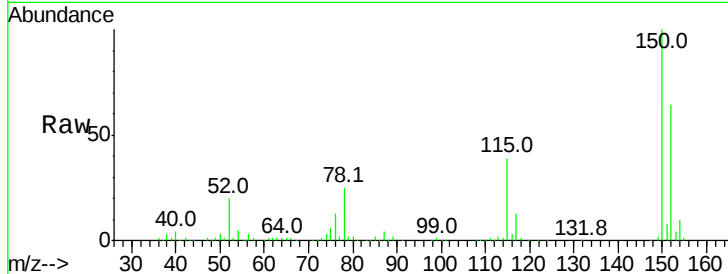


#1

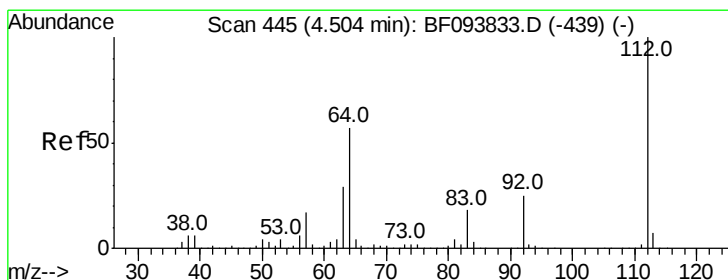
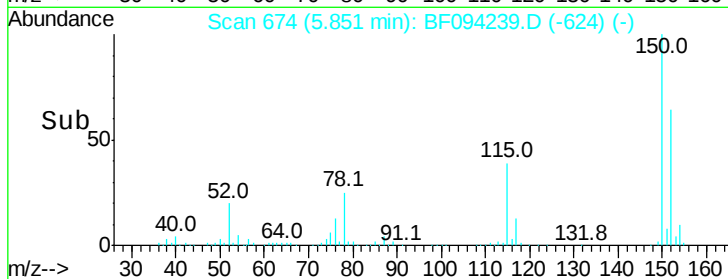
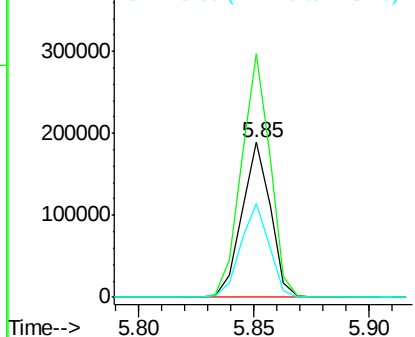
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(5-10)

Tot Ion:152 Resp: 162671
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.2
 115 61.0 52.2 78.2



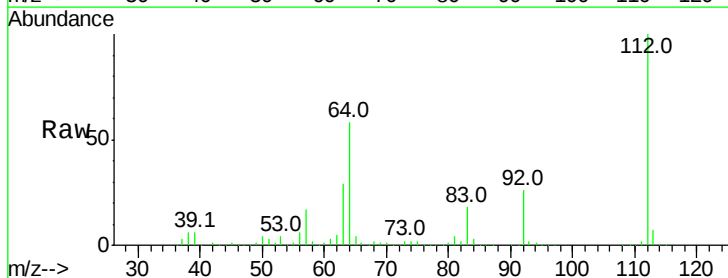
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



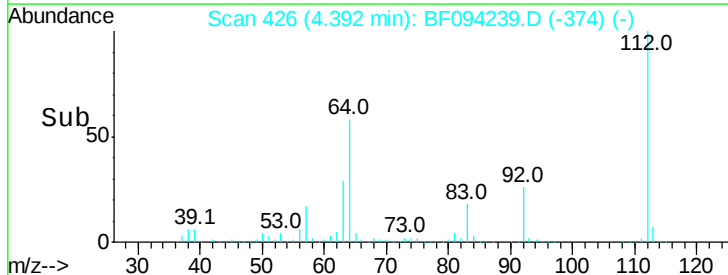
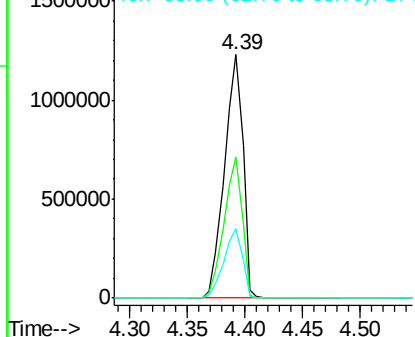
#5

2-Fluorophenol
 Concen: 140.88 ng
 RT: 4.39 min Scan# 426
 Delta R.T. 0.01 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

Tgt Ion:112 Resp: 1356824
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.0 69.0
 63 28.8 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: 150.10 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094239.D

Acq: 6 Apr 2017 20:18

Instrument :

BNA_F

ClientSampleId :

GP-B-01(5-10)

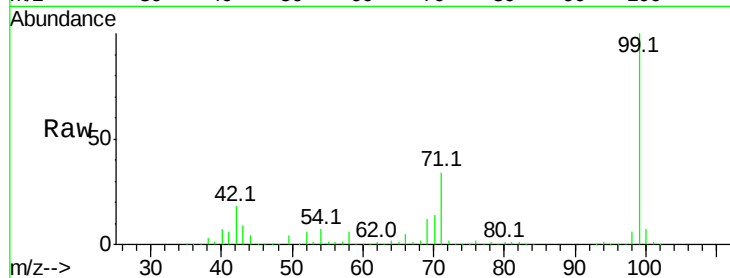
Tot Ion: 99 Resp: 1788431

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

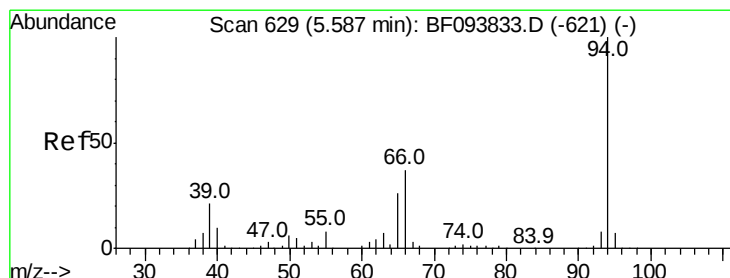
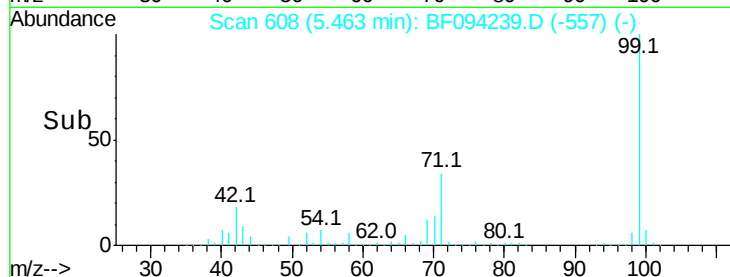
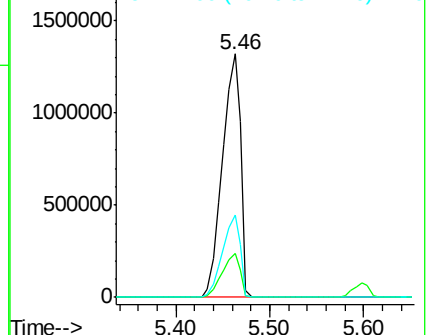
71 33.7 24.5 36.7



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



#10

Phenol

Concen: 8.78 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094239.D

Acq: 6 Apr 2017 20:18

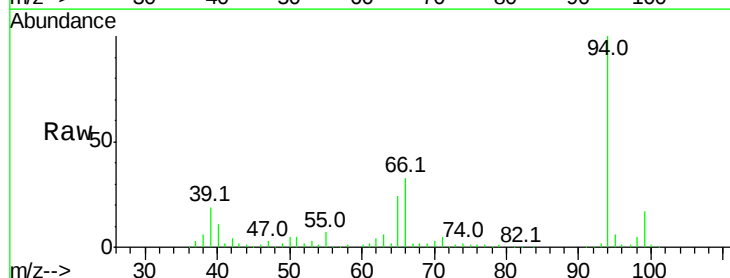
Tgt Ion: 94 Resp: 119056

Ion Ratio Lower Upper

94 100

65 24.0 9.9 49.9

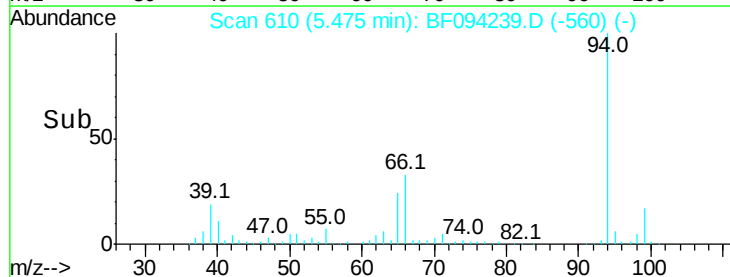
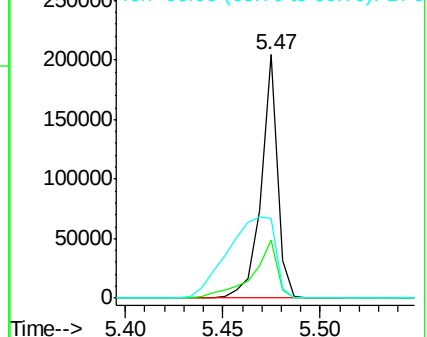
66 32.6 23.1 63.1

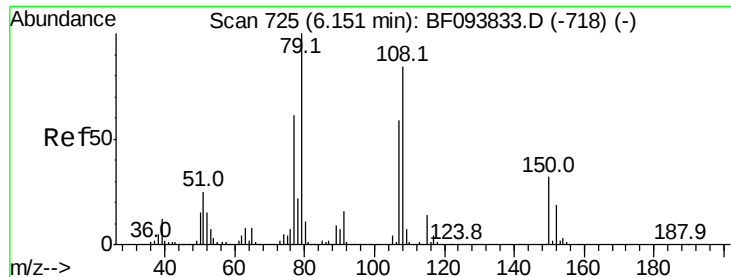


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF094239.D

Acq: 6 Apr 2017 20:18

Instrument :

BNA_F

ClientSampleId :

GP-B-01(5-10)

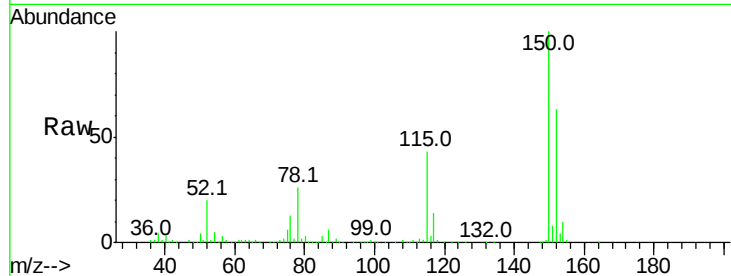
Tot Ion: 79 Resp: 17538

Ion Ratio Lower Upper

79 100

108 28.6 63.4 95.0#

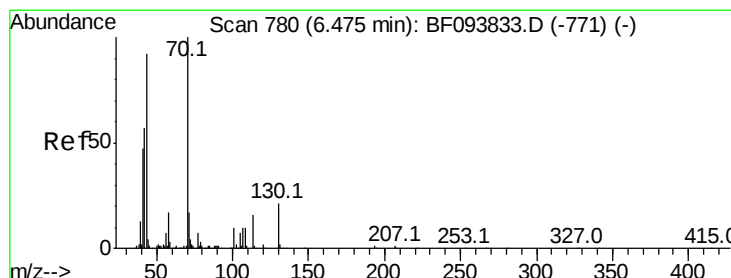
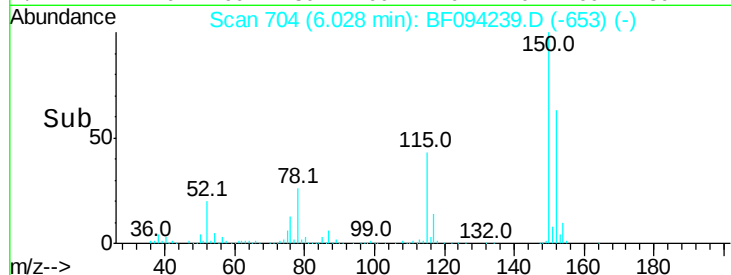
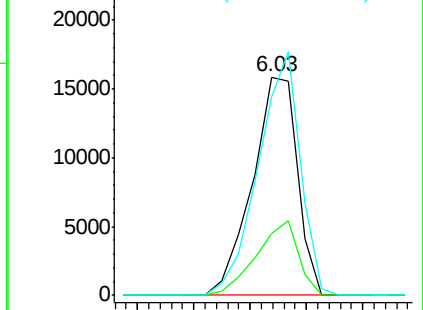
77 91.1 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 18.59 ng

RT: 6.50 min Scan# 785

Delta R.T. 0.16 min

Lab File: BF094239.D

Acq: 6 Apr 2017 20:18

Tgt Ion: 70 Resp: 142327

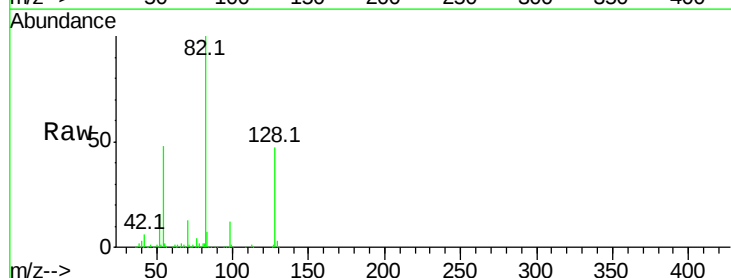
Ion Ratio Lower Upper

70 100

42 47.0 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

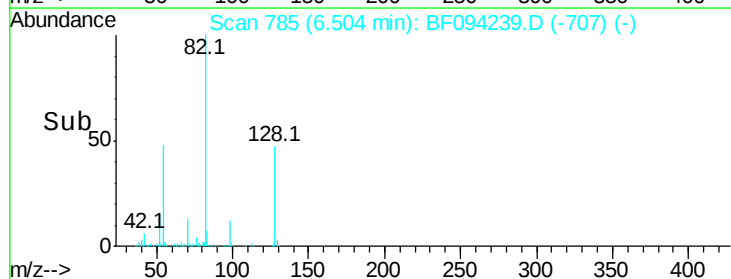
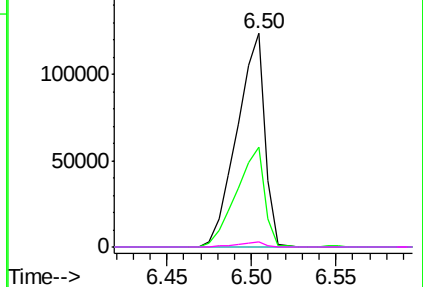


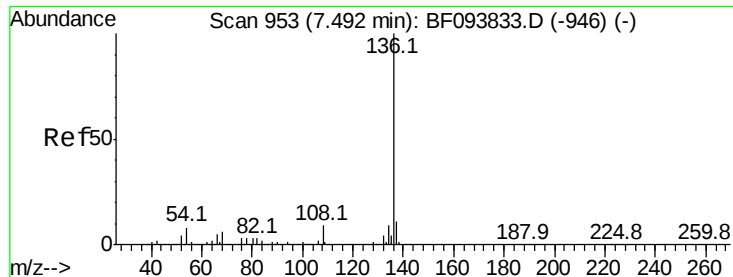
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF094239.D

Acq: 6 Apr 2017 20:18

Instrument :

BNA_F

ClientSampleId :

GP-B-01(5-10)

Tot Ion:136 Resp: 673457

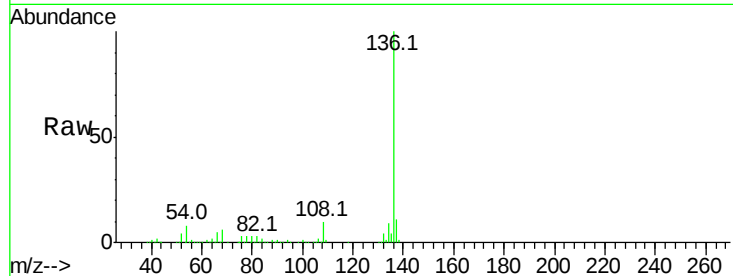
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.7 4.9 7.3#

68 5.7 4.1 6.1

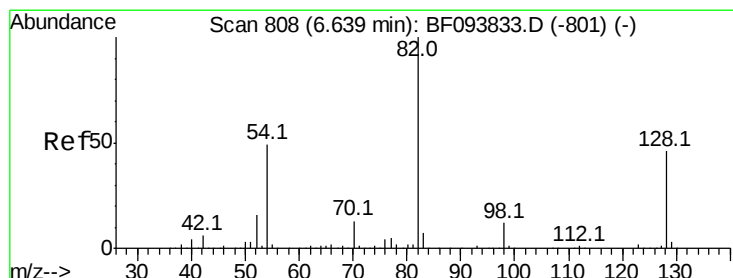
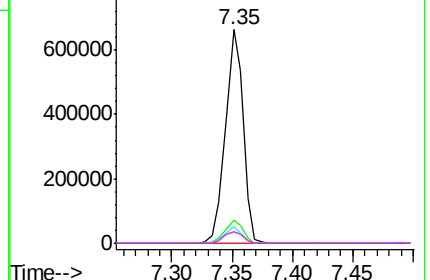
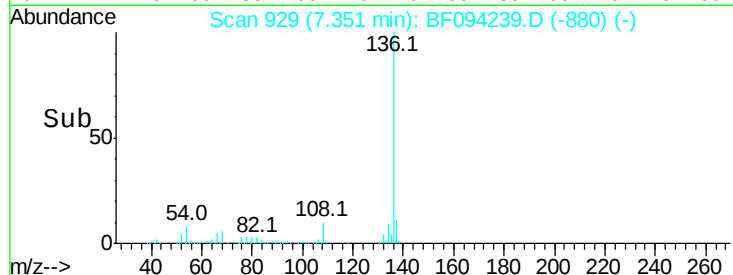


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.29 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094239.D

Acq: 6 Apr 2017 20:18

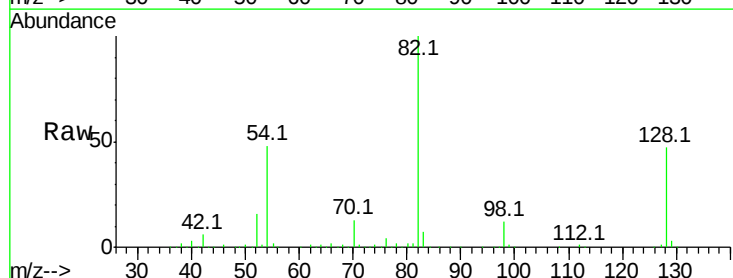
Tgt Ion: 82 Resp: 1089052

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

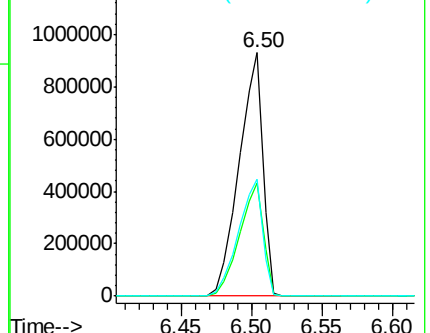
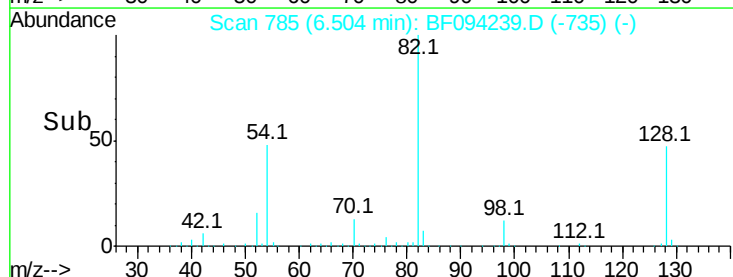
54 48.1 42.2 63.2

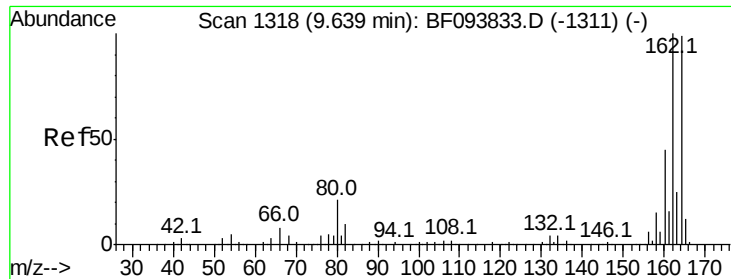


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

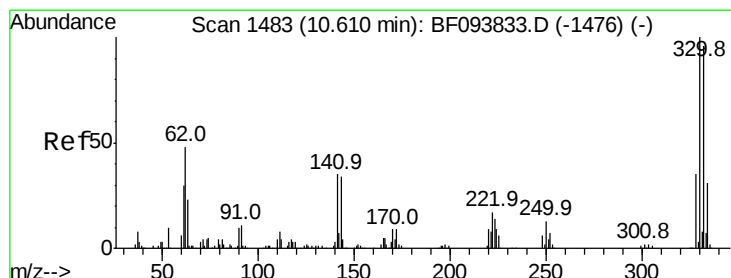
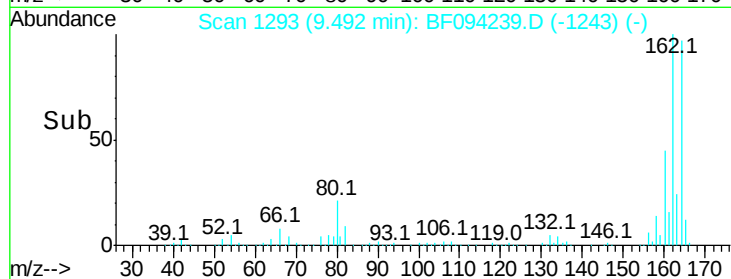
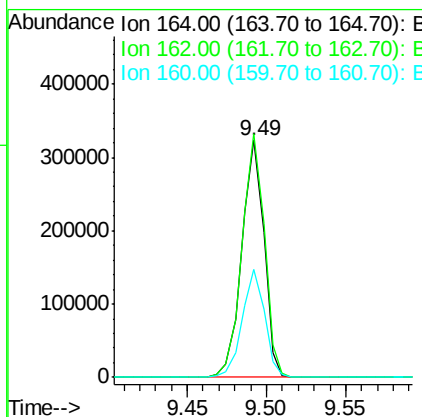
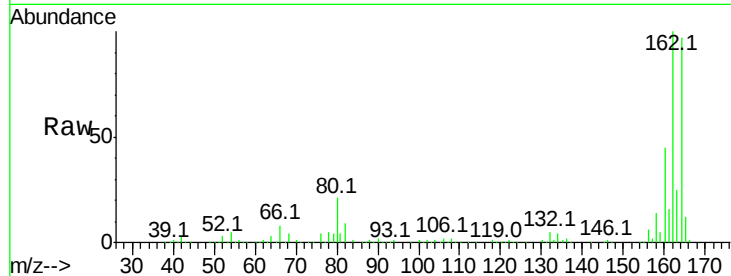




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

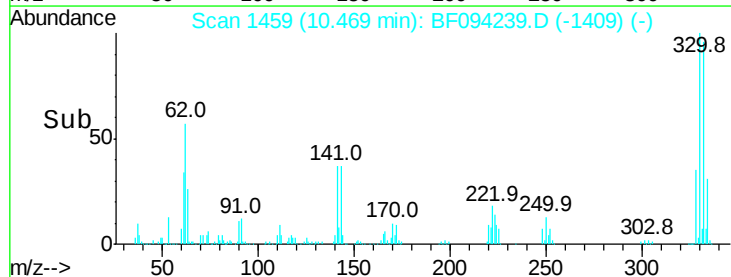
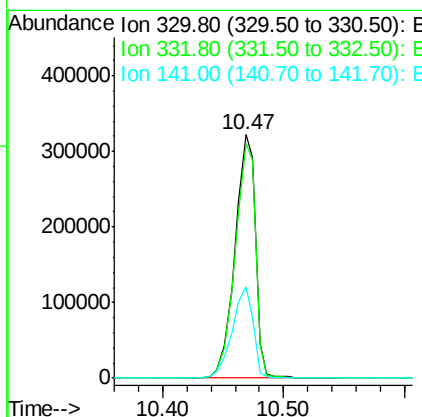
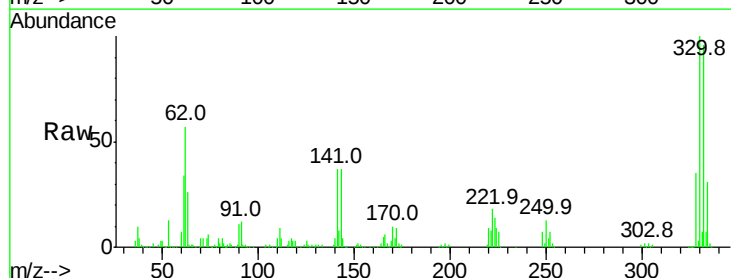
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(5-10)

Tot Ion:164 Resp: 312952
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 45.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 154.54 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

Tgt Ion:330 Resp: 382177
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.1 31.4 47.2



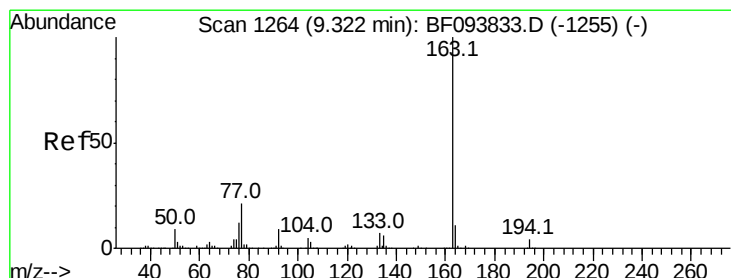
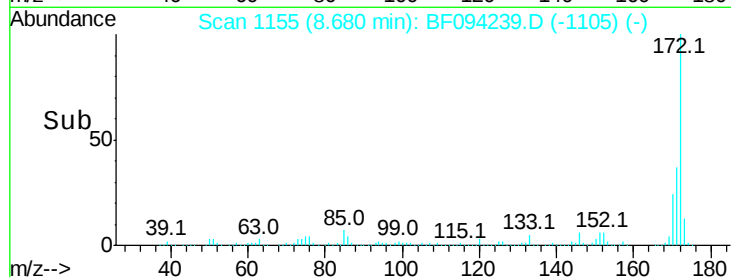
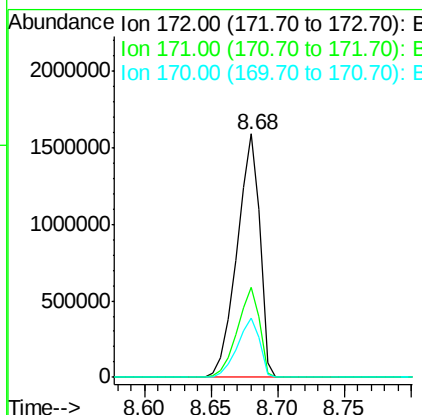
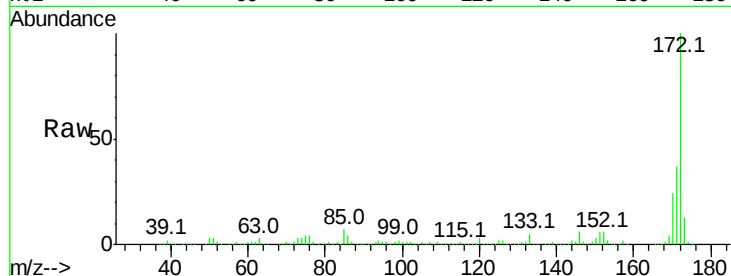


#44
 2-Fluorobiphenyl
 Concen: 91.98 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(5-10)

Tot Ion:172 Resp: 1887322

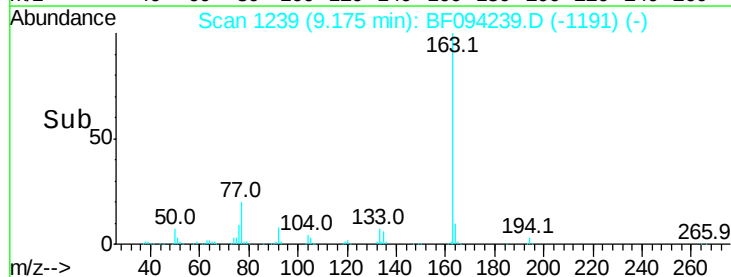
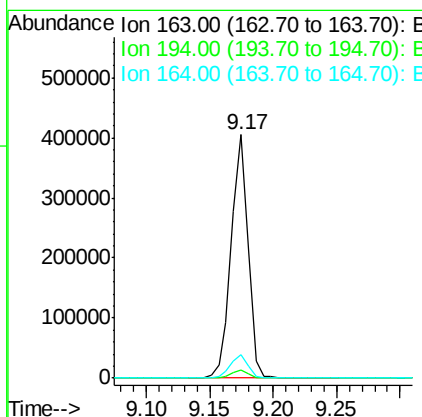
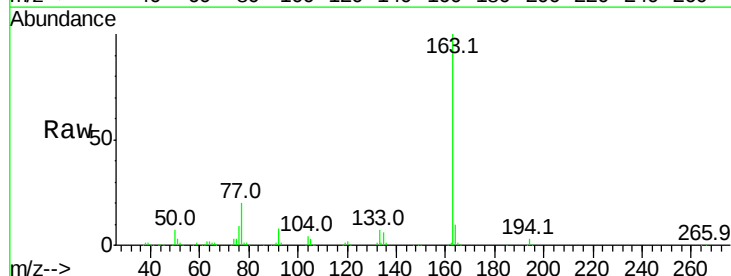
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.4	19.8	29.8



#49
 Dimethylphthalate
 Concen: 16.71 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

Tgt Ion:163 Resp: 371740

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6

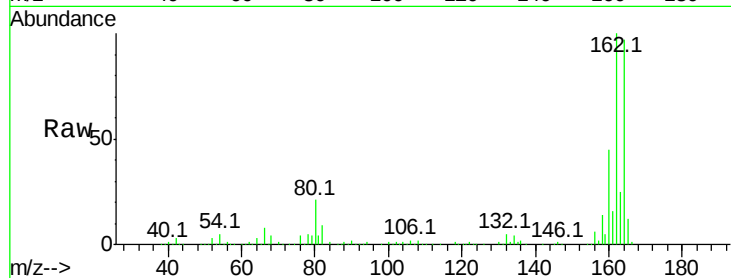




#56
 2,4-Dinitrotoluene
 Concen: 6.21 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.26 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#

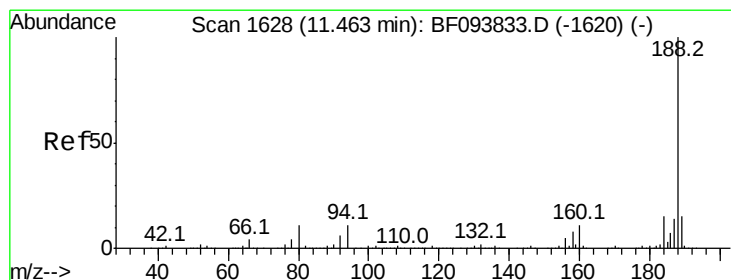
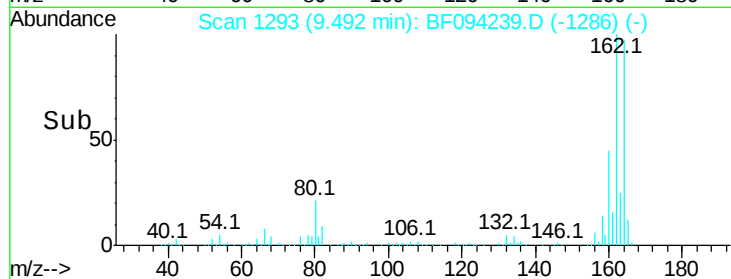
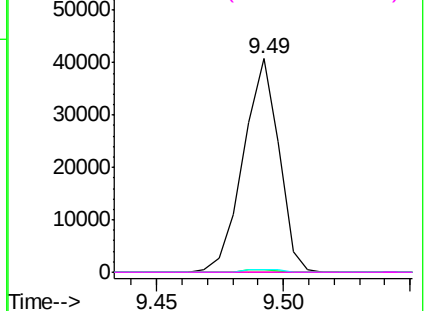


Abundance Ion 165.00 (164.70 to 165.70): E

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



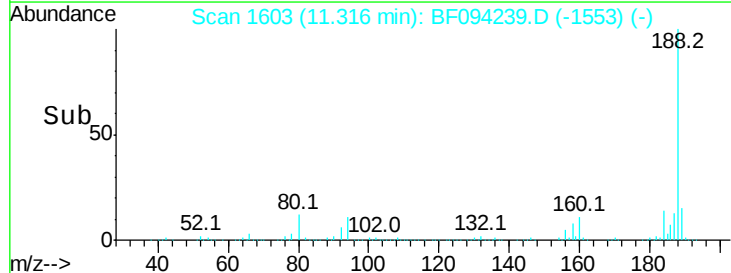
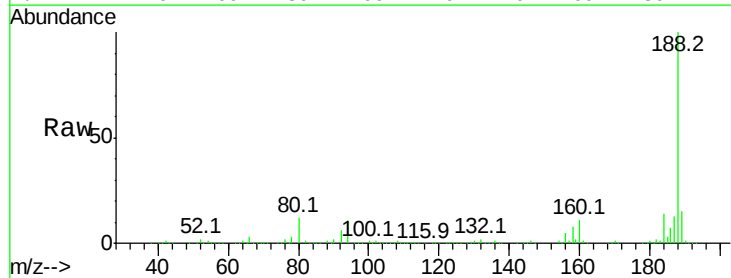
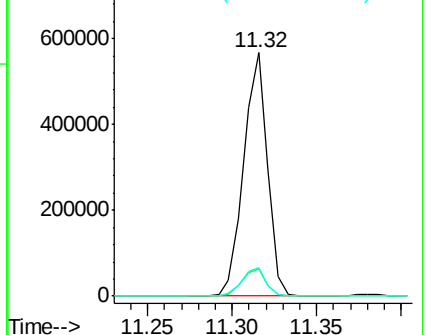
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: BF094239.D
 Acq: 6 Apr 2017 20:18

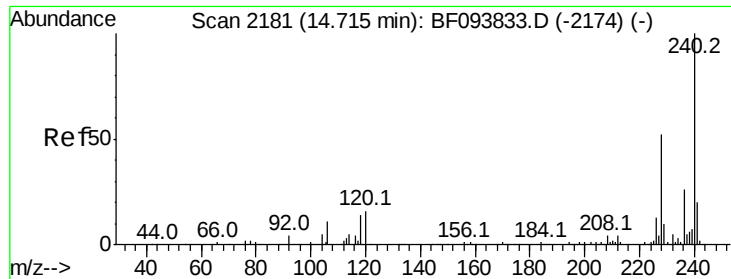
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.7	10.2	15.2

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: BF094239.D

Acq: 6 Apr 2017 20:18

Instrument :

BNA_F

ClientSampleId :

GP-B-01(5-10)

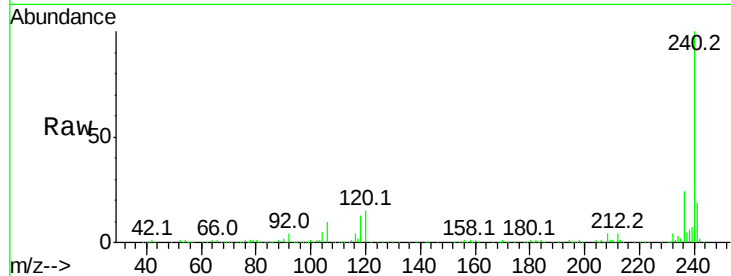
Tot Ion:240 Resp: 394707

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

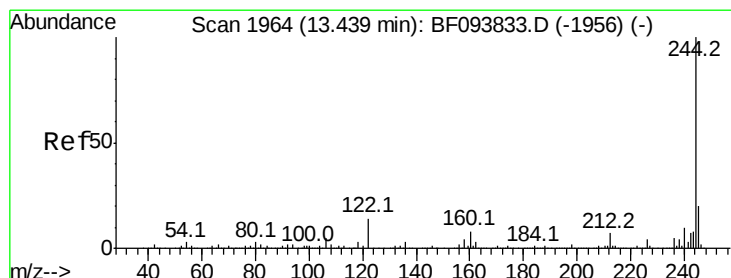
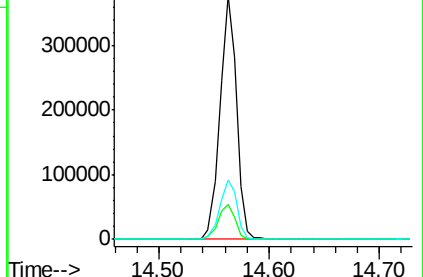
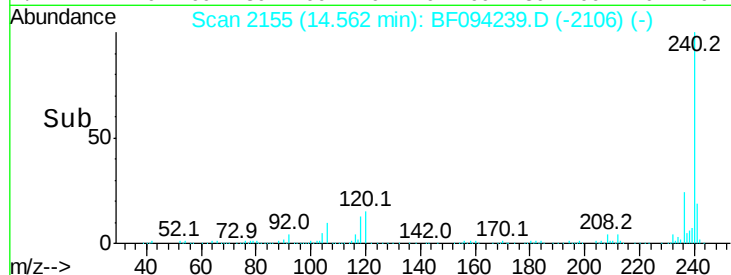
236 24.4 20.5 30.7



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: 88.83 ng

RT: 13.30 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BF094239.D

Acq: 6 Apr 2017 20:18

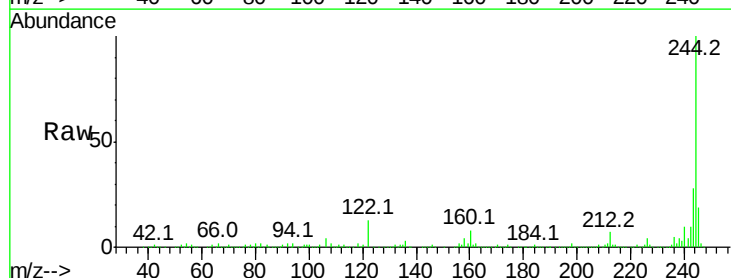
Tgt Ion:244 Resp: 1564203

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

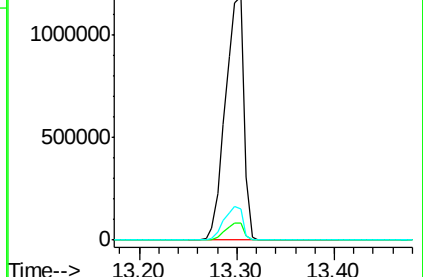
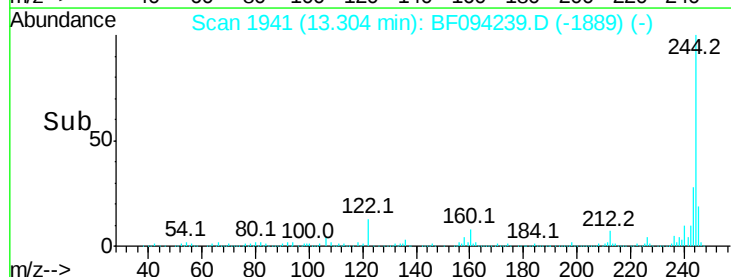
122 12.6 10.3 15.5

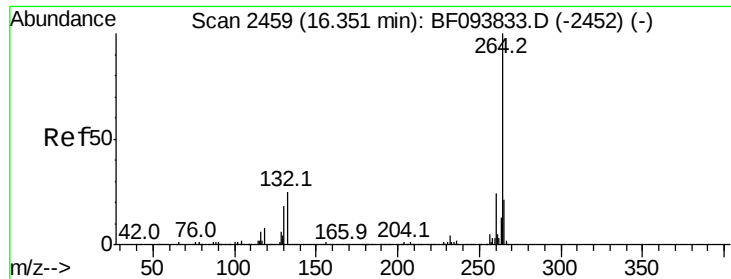


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BF094239.D
Acq: 6 Apr 2017 20:18

Instrument :
BNA_F
ClientSampleId :
GP-B-01(5-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.8	17.2	25.8

