

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094339.D
 Acq On : 11 Apr 2017 5:29
 Operator : SJ/MA
 Sample : I2598-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 06:36:35 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

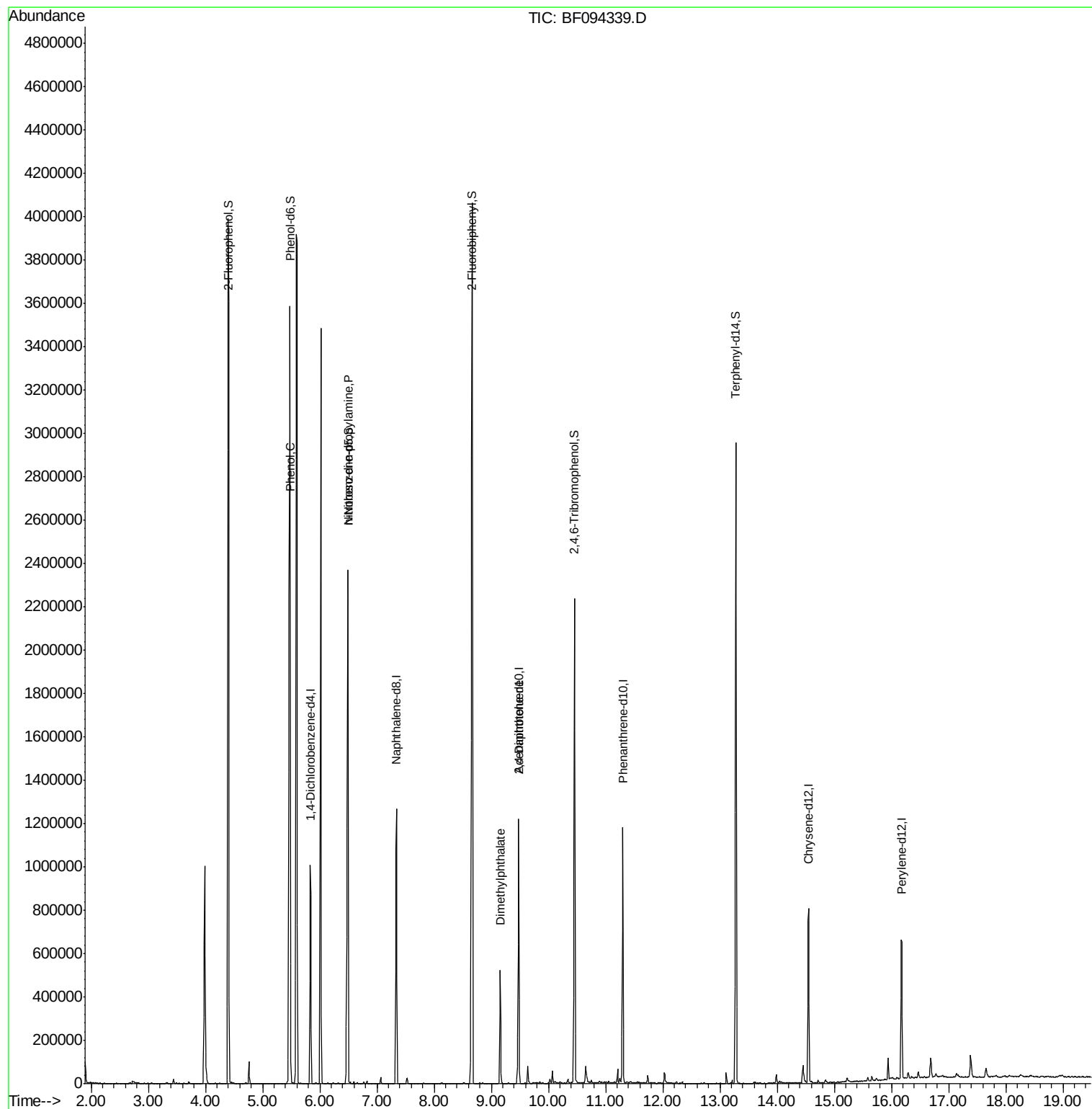
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	168325	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	662162	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	285640	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	466206	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	316664	20.00	ng	-0.02
86) Perylene-d12	16.18	264	266466	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1362102	136.68	ng	0.01
7) Phenol-d6	5.47	99	1767162	143.34	ng	0.01
23) Nitrobenzene-d5	6.49	82	1093005	94.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	319724	141.65	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1674234	89.40	ng	-0.02
78) Terphenyl-d14	13.28	244	1109979	78.57	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	111998	7.98	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	6.49	70	147439	18.61	ng	# 75
49) Dimethylphthalate	9.16	163	221157	10.89	ng	100
56) 2,4-Dinitrotoluene	9.47	165	36462	6.24	ng	# 33

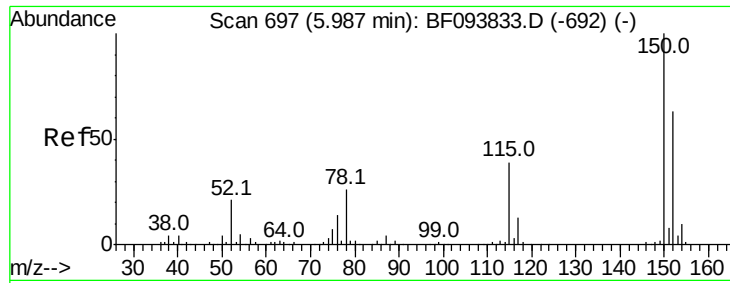
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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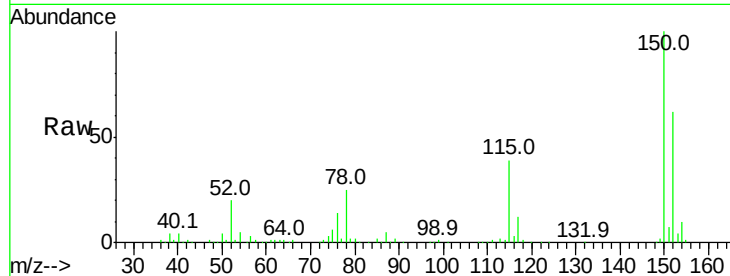


#1

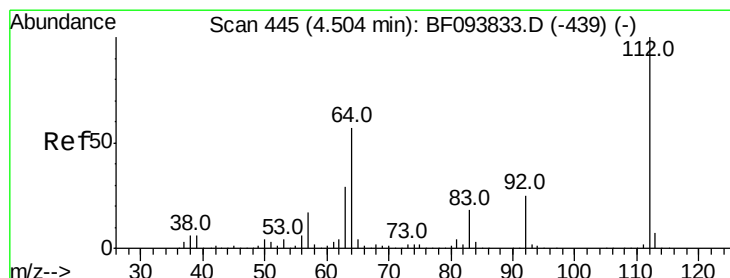
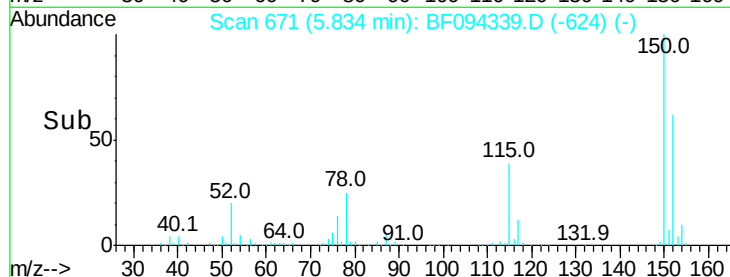
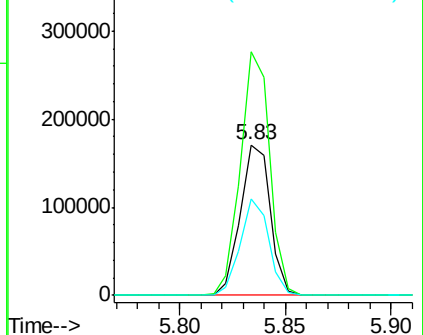
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 168325
 Ion Ratio Lower Upper
 152 100
 150 161.5 126.2 189.2
 115 63.7 52.2 78.2



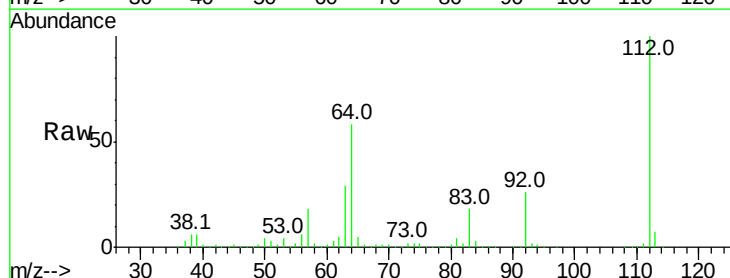
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



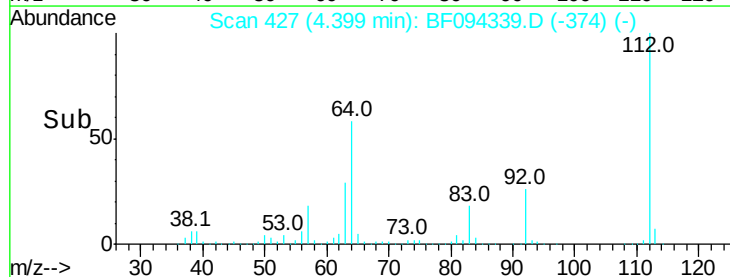
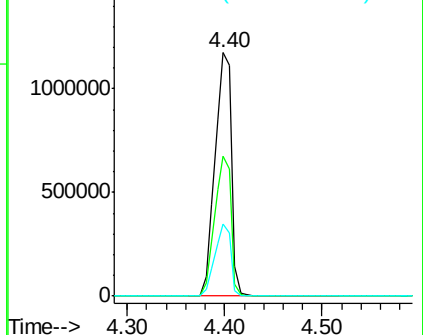
#5

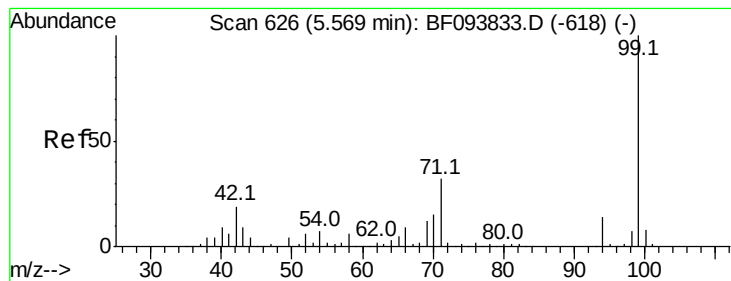
2-Fluorophenol
 Concen: 136.68 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Tgt Ion:112 Resp: 1362102
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.0 69.0
 63 29.4 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: 143.34 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094339.D

Acq: 11 Apr 2017 5:29

Instrument :

BNA_F

ClientSampleId :

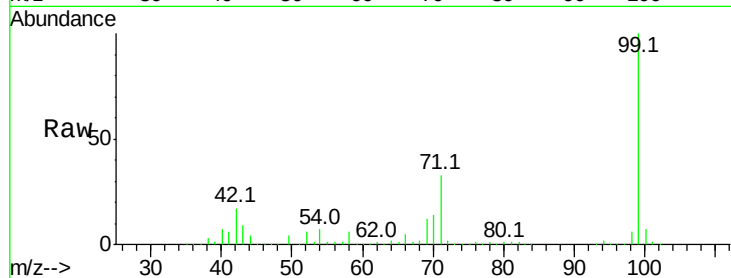
Tot Ion: 99 Resp: 1767162

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.3	24.5	36.7

99 100

42 17.4 13.5 20.3

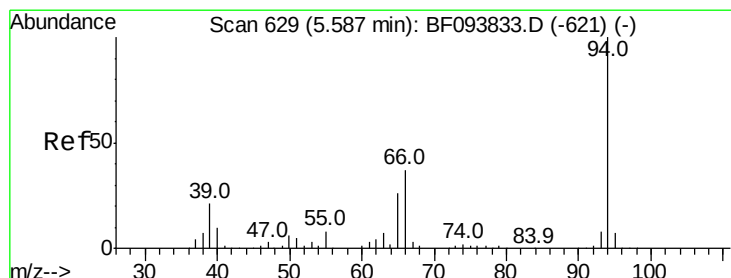
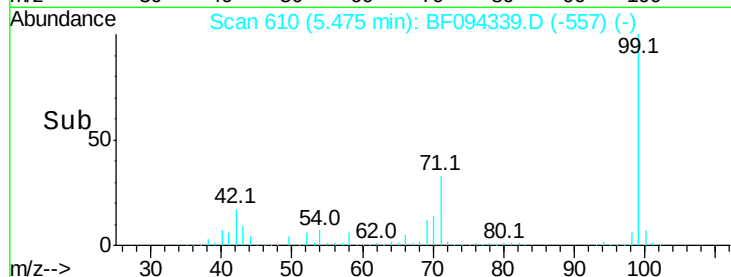
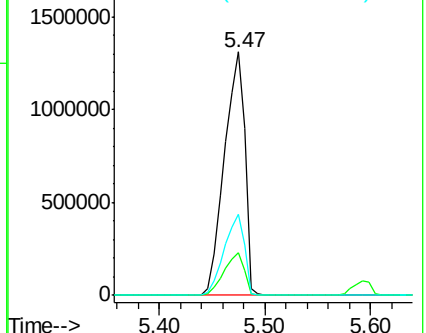
71 33.3 24.5 36.7



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: 7.98 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094339.D

Acq: 11 Apr 2017 5:29

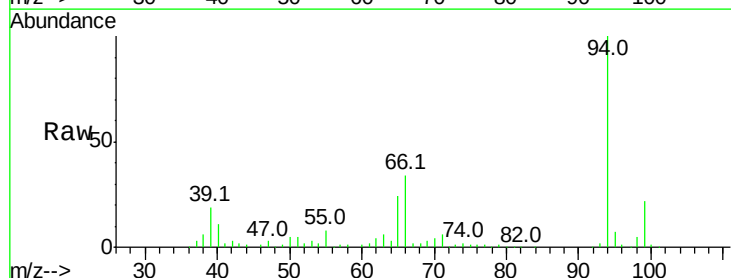
Tgt Ion: 94 Resp: 111998

Ion	Ratio	Lower	Upper
94	100		
65	23.8	9.9	49.9
66	33.6	23.1	63.1

94 100

65 23.8 9.9 49.9

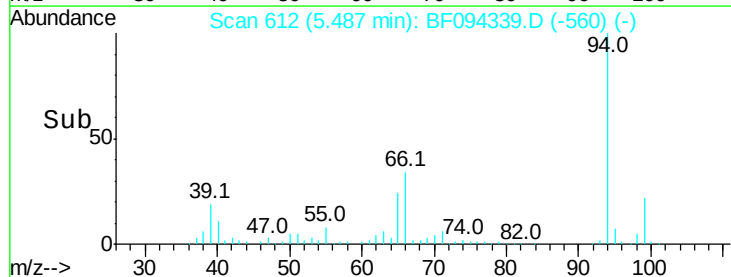
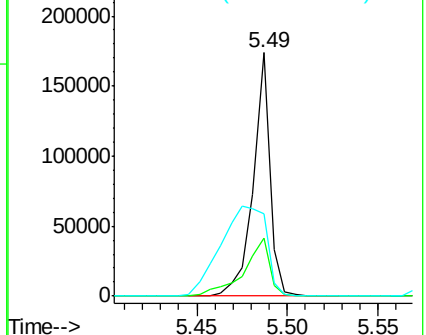
66 33.6 23.1 63.1

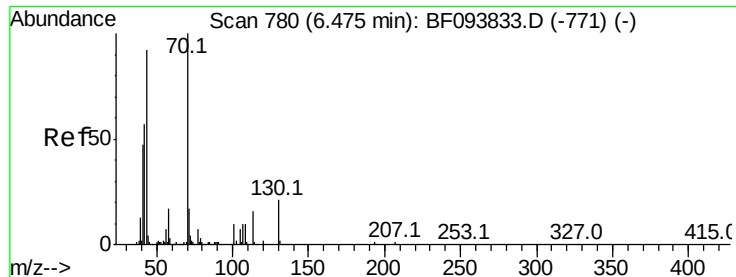


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.61 ng

RT: 6.49 min Scan# 783

Delta R.T. 0.15 min

Lab File: BF094339.D

Acq: 11 Apr 2017 5:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 147439

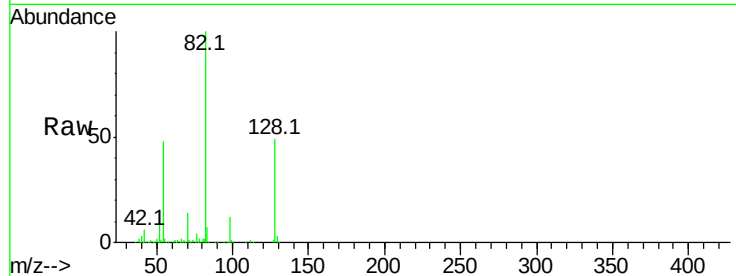
Ion Ratio Lower Upper

70 100

42 43.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

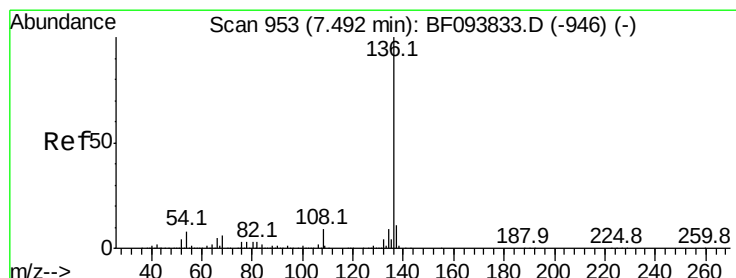
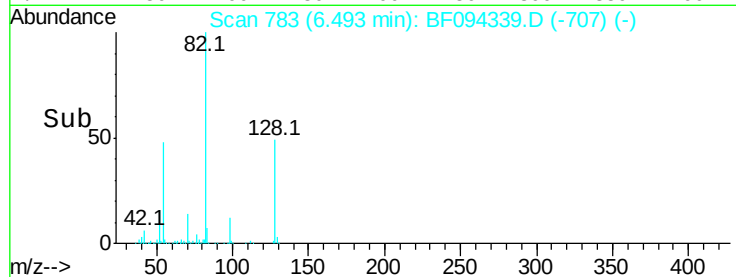
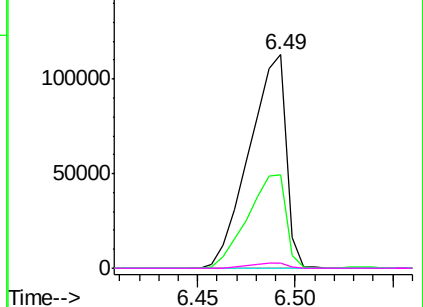


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094339.D

Acq: 11 Apr 2017 5:29

Tgt Ion: 136 Resp: 662162

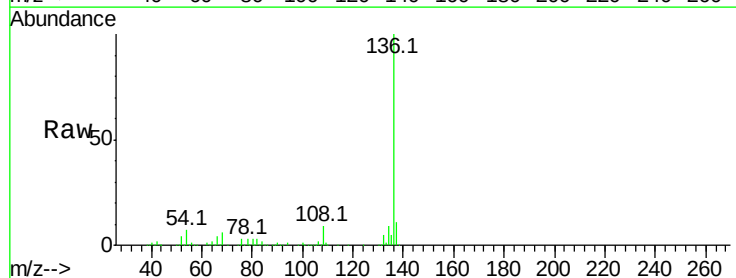
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.9 4.9 7.3

68 5.6 4.1 6.1

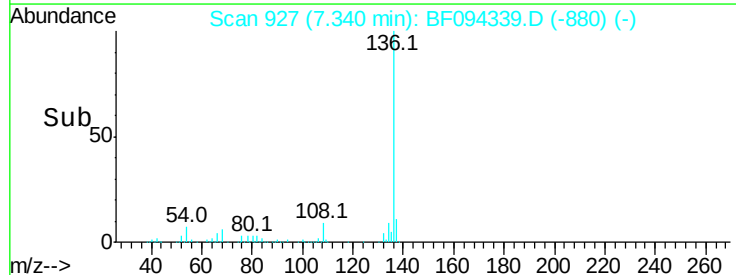
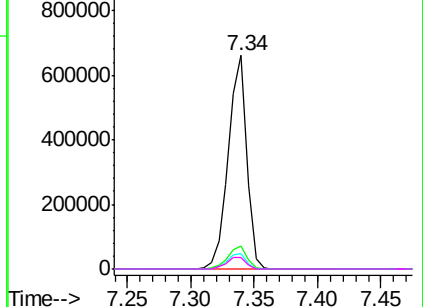


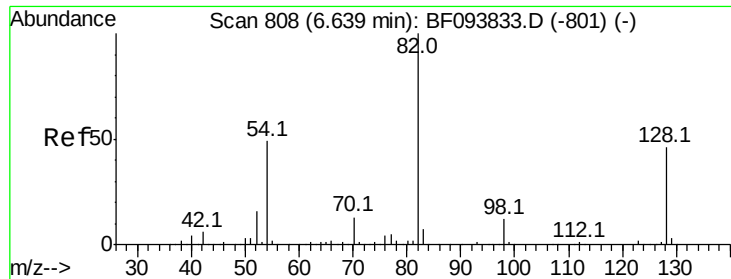
Abundance Ion 136.00 (135.70 to 136.70): E

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

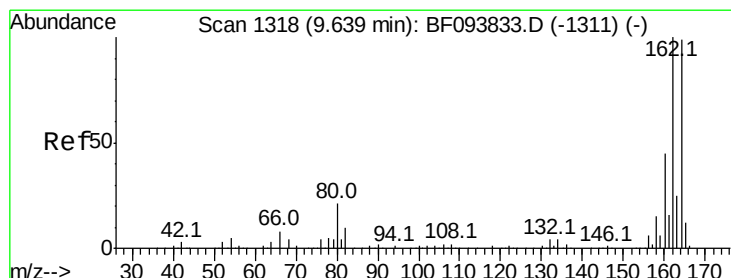
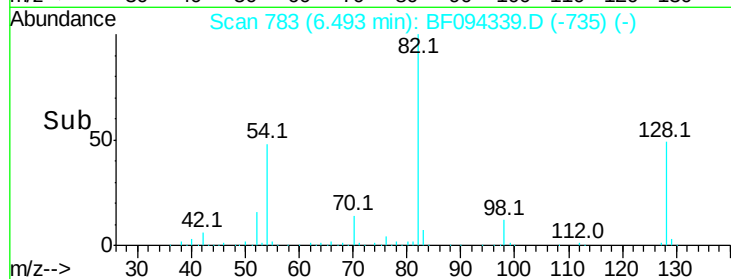
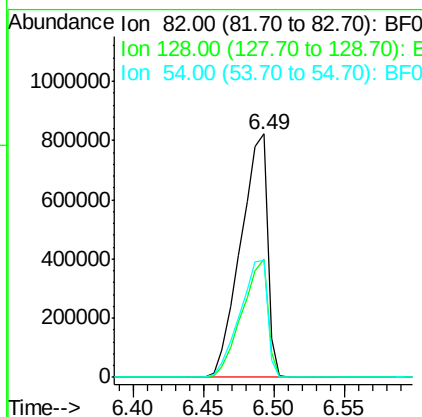
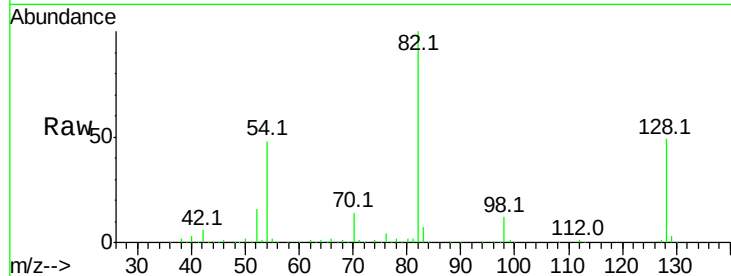




#23
 Nitrobenzene-d5
 Concen: 94.20 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

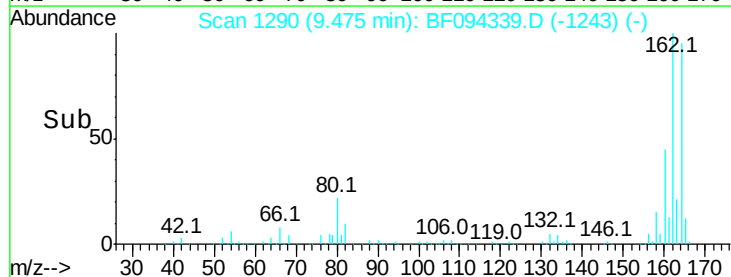
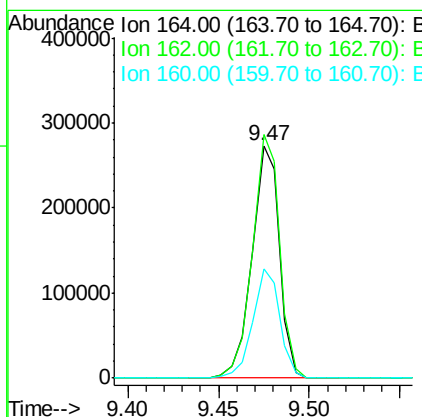
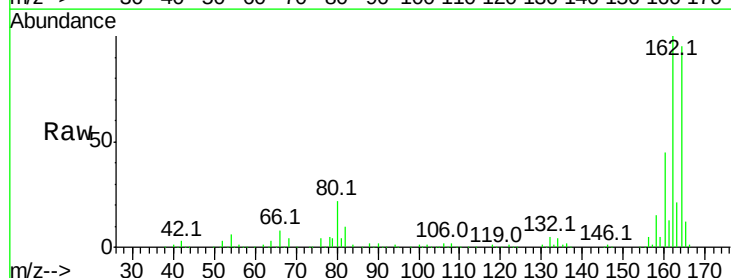
Instrument :
 BNA_F
 ClientSampled :

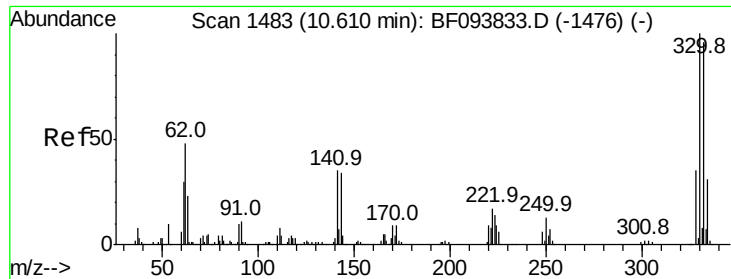
Tot Ion: 82 Resp: 1093005
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 47.9 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Tgt Ion:164 Resp: 285640
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 46.8 36.2 54.2

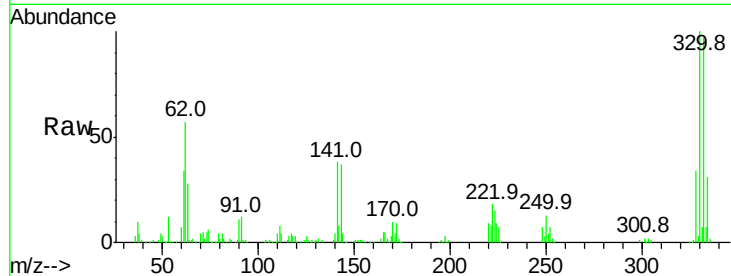




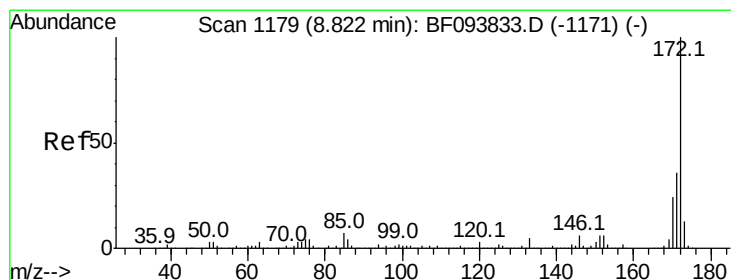
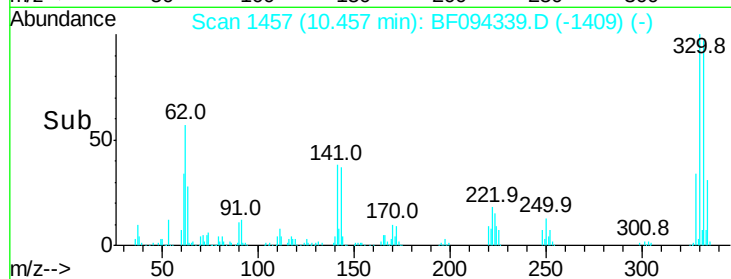
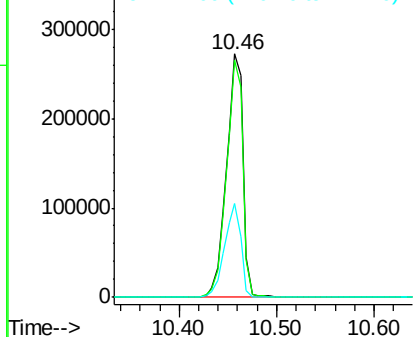
#41
 2,4,6-Tribromophenol
 Concen: 141.65 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 319724
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 37.8 31.4 47.2

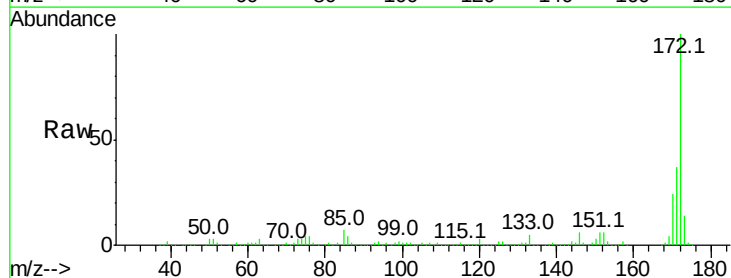


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

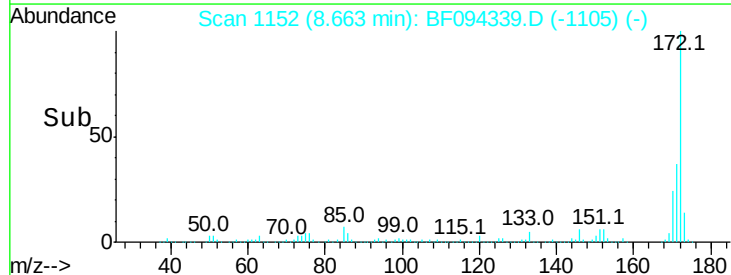
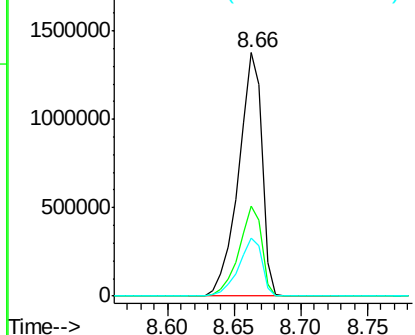


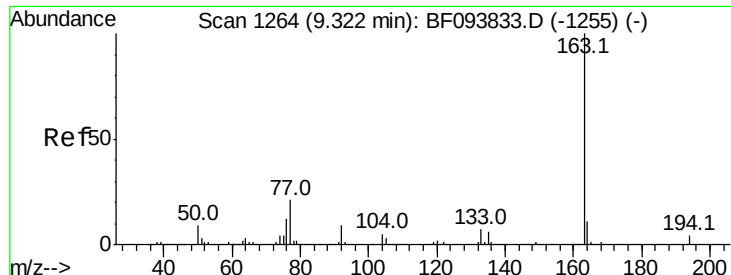
#44
 2-Fluorobiphenyl
 Concen: 89.40 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Tgt Ion:172 Resp: 1674234
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

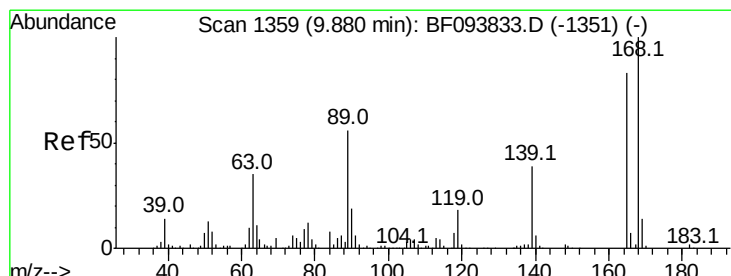
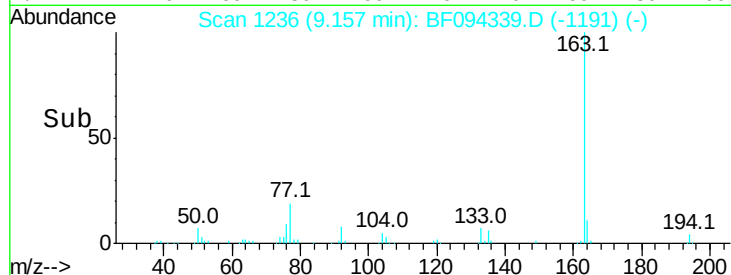
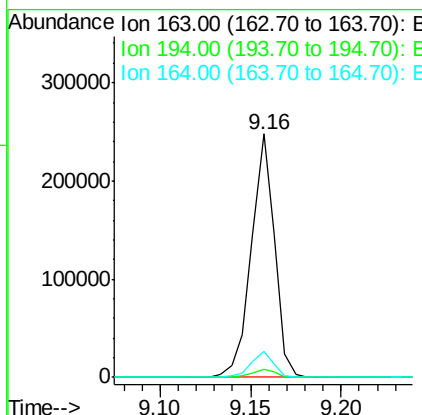
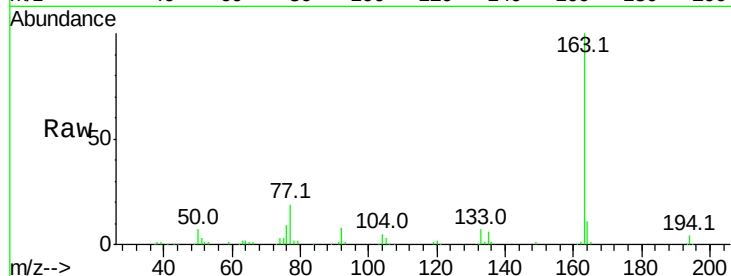




#49
Dimethylphthalate
Concen: 10.89 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094339.D
Acq: 11 Apr 2017 5:29

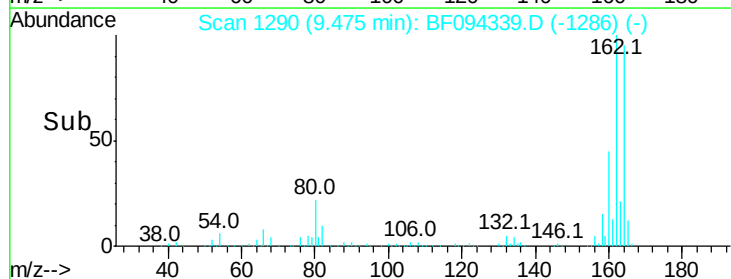
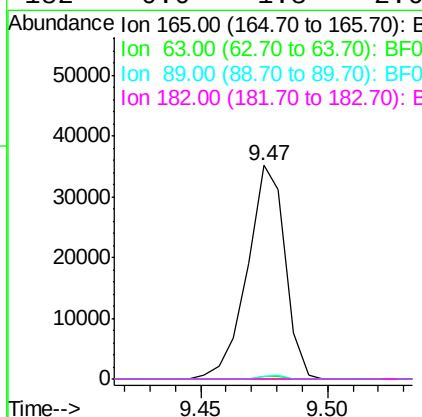
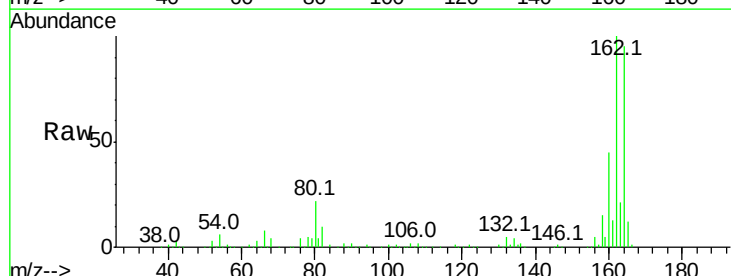
Instrument :
BNA_F
ClientSampleId :

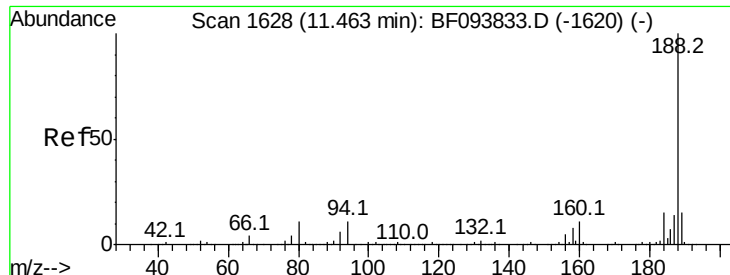
Tot Ion:163 Resp: 221157
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.28 min
Lab File: BF094339.D
Acq: 11 Apr 2017 5:29

Tgt Ion:165 Resp: 36462
Ion Ratio Lower Upper
165 100
63 1.4 25.4 38.0#
89 1.4 46.4 69.6#
182 0.0 1.8 2.6#

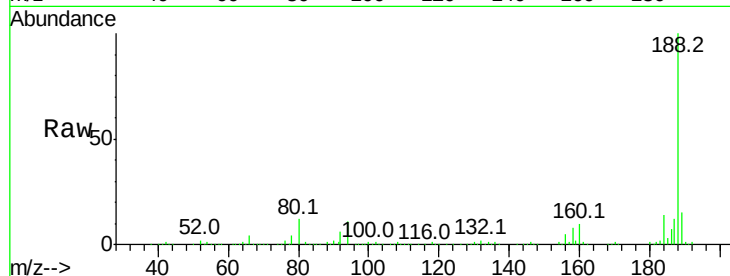




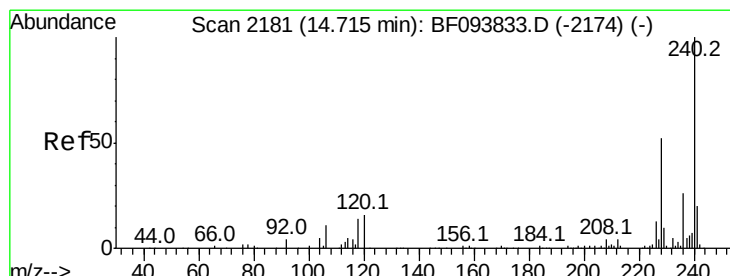
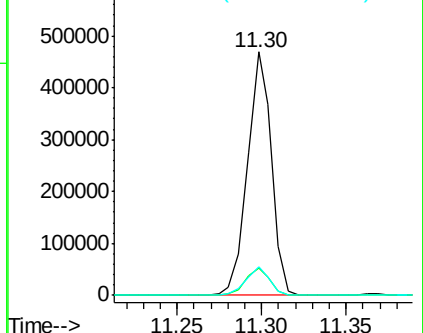
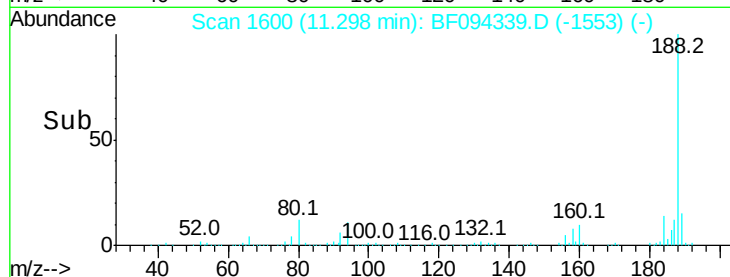
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094339.D
Acq: 11 Apr 2017 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 466206
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.6 10.2 15.2

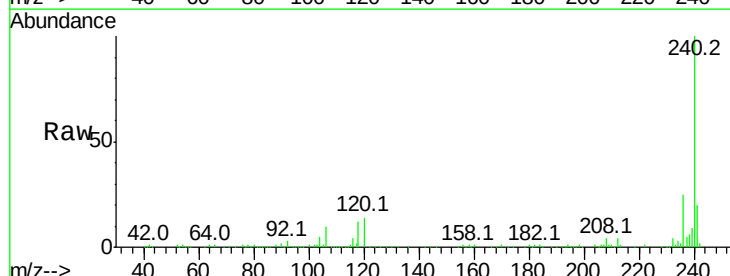


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

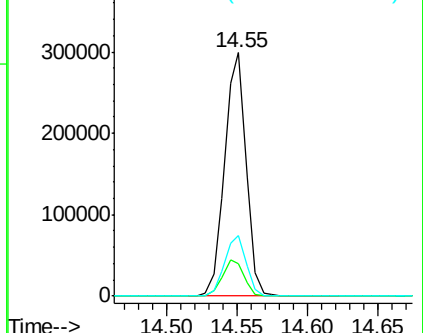
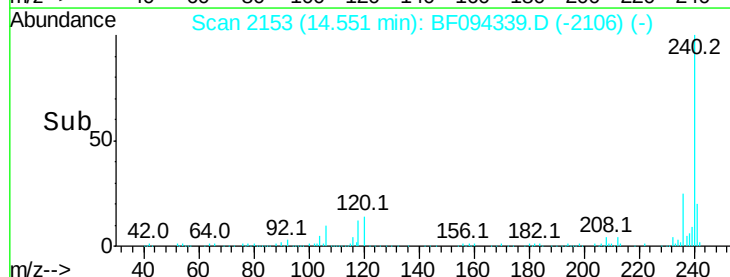


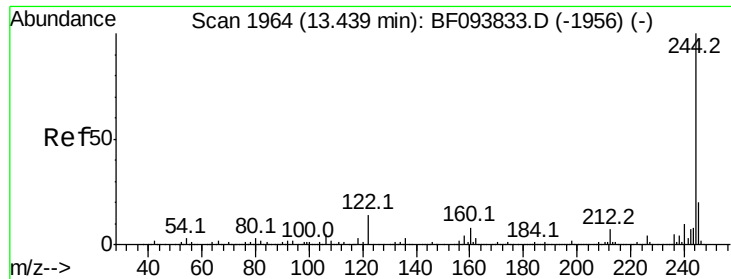
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094339.D
Acq: 11 Apr 2017 5:29

Tgt Ion:240 Resp: 316664
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 24.8 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

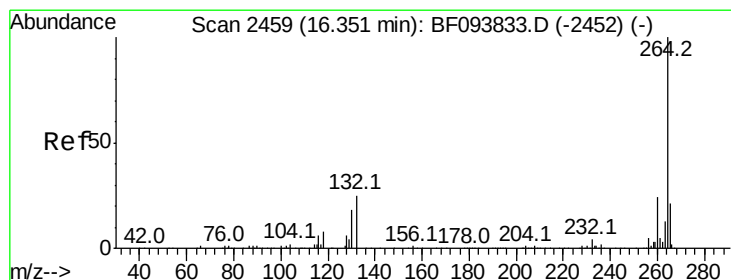
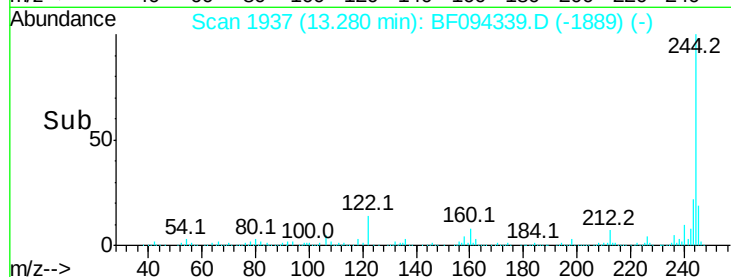
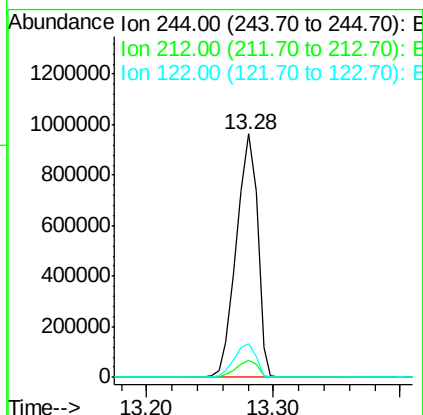
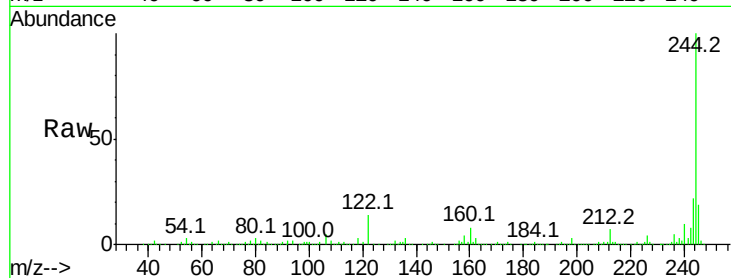




#78
 Terphenyl-d14
 Concen: 78.57 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1109979
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094339.D
 Acq: 11 Apr 2017 5:29

Tgt Ion:264 Resp: 266466
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.5 17.2 25.8

