

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094627.D
 Acq On : 26 Apr 2017 2:26
 Operator : SJ/MA
 Sample : I2820-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 05:36:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	117810	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	388969	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	160033	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	248485	20.00	ng	0.00
75) Chrysene-d12	14.45	240	248392	20.00	ng	-0.01
86) Perylene-d12	16.08	264	172437	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	1025143	144.37	ng	0.00
7) Phenol-d6	5.39	99	1238759	147.98	ng	0.00
23) Nitrobenzene-d5	6.41	82	757328	120.22	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	166707	133.18	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1023395	94.09	ng	0.00
78) Terphenyl-d14	13.19	244	759663	81.75	ng	0.00

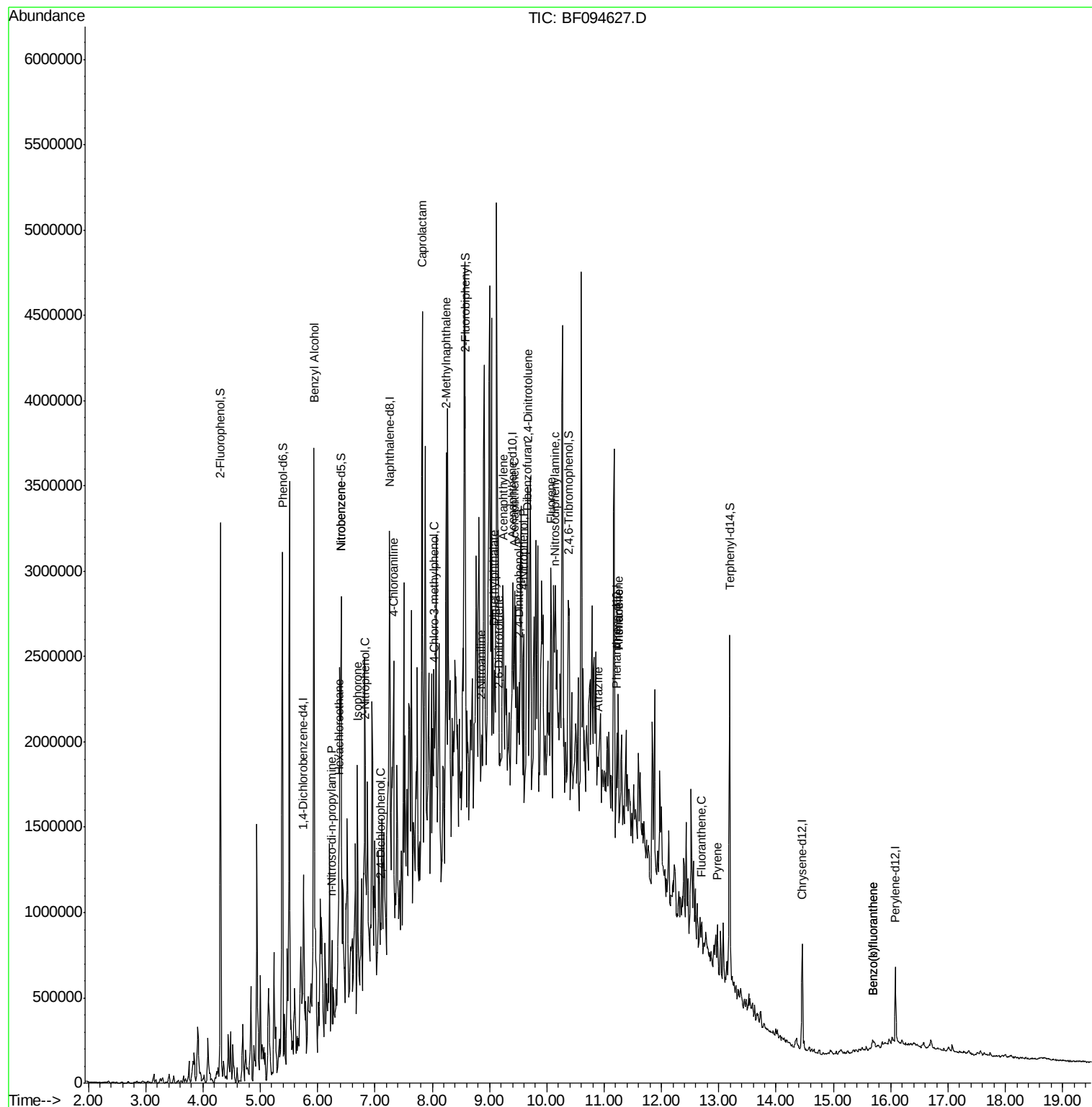
Target Compounds						Qvalue
15) Benzyl Alcohol	5.94	79	17815	2.87	ng	# 41
18) Hexachloroethane	6.37	117	124464	40.31	ng	# 10
19) n-Nitroso-di-n-propylamine	6.25	70	19953	3.60	ng	# 66
24) Nitrobenzene	6.41	77	15970	2.41	ng	# 38
25) Isophorone	6.70	82	81550	6.98	ng	# 1
26) 2-Nitrophenol	6.84	139	12711	3.57	ng	# 1
29) 2,4-Dichlorophenol	7.10	162	14524	2.70	ng	# 37
33) 4-Chloroaniline	7.32	127	15686	2.02	ng	# 1
35) Caprolactam	7.82	113	83873	49.58	ng	# 41
36) 4-Chloro-3-methylphenol	8.04	107	12029	2.13	ng	# 29
37) 2-Methylnaphthalene	8.25	142	679865	53.14	ng	# 96
47) 2-Nitroaniline	8.85	65	6610	2.21	ng	# 1
48) Acenaphthylene	9.23	152	40097	2.47	ng	# 1
49) Dimethylphthalate	9.08	163	152919	12.82	ng	# 96
50) 2,6-Dinitrotoluene	9.17	165	6543	2.44	ng	# 76
51) Acenaphthene	9.44	154	79739	8.21	ng	# 91
53) 2,4-Dinitrophenol	9.51	184	889	6.33	ng	# 1
54) Dibenzofuran	9.65	168	62137	4.40	ng	# 56
55) 4-Nitrophenol	9.60	139	13174	6.02	ng	# 26
56) 2,4-Dinitrotoluene	9.67	165	39087	11.90	ng	# 51
57) Fluorene	10.07	166	149300	13.59	ng	# 87
65) n-Nitrosodiphenylamine	10.14	169	149134	17.26	ng	# 95
68) Atrazine	10.90	200	8118	3.14	ng	# 62
70) Phenanthrene	11.25	178	418284	29.89	ng	# 99
71) Anthracene	11.25	178	418284	28.90	ng	# 100
74) Fluoranthene	12.70	202	67236	4.64	ng	# 93
77) Pyrene	12.98	202	130703	7.53	ng	# 95
87) Benzo(b)fluoranthene	15.68	252	32370	3.07	ng	# 82
88) Benzo(k)fluoranthene	15.68	252	32370	3.24	ng	# 86

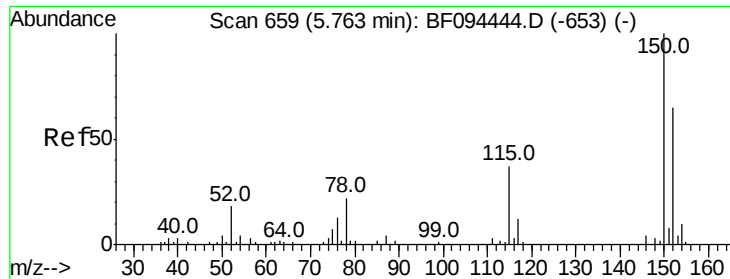
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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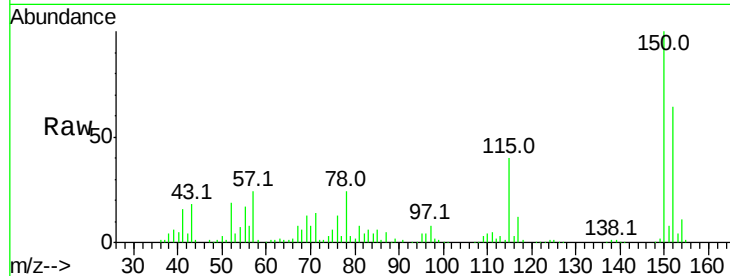


#1

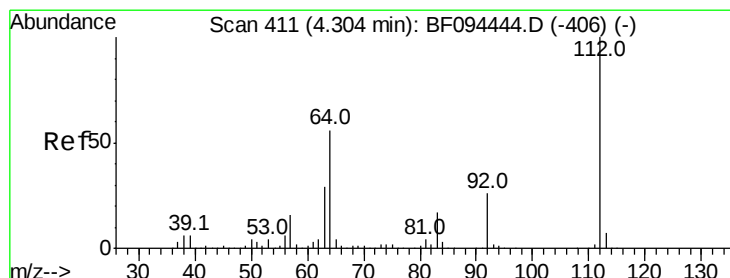
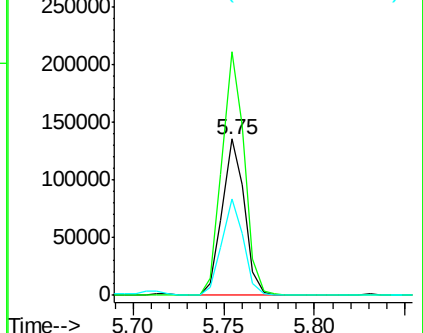
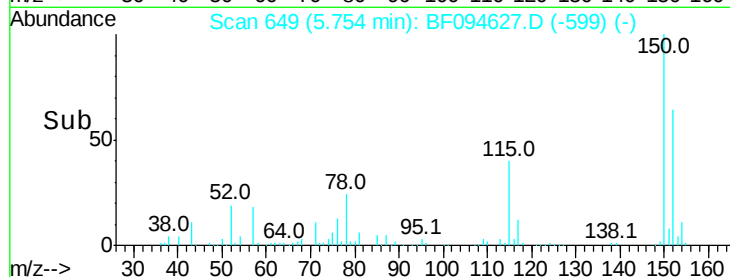
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117810
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 61.6 52.2 78.2



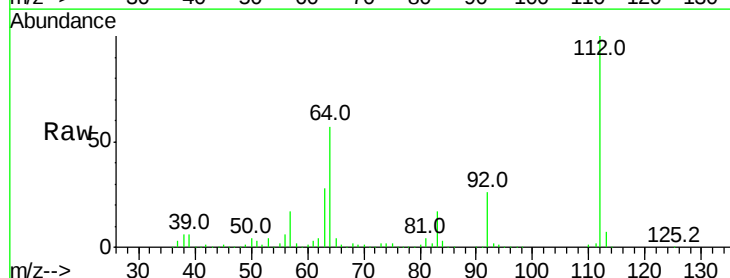
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



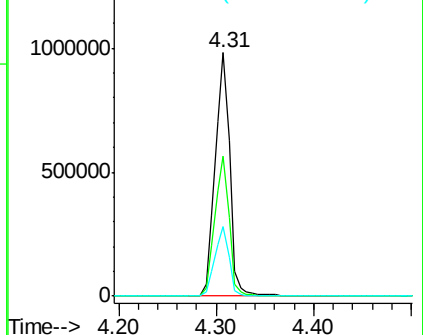
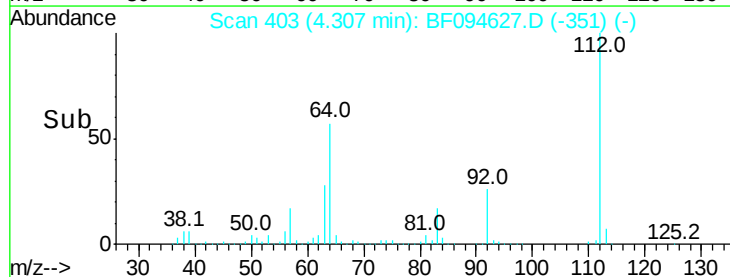
#5

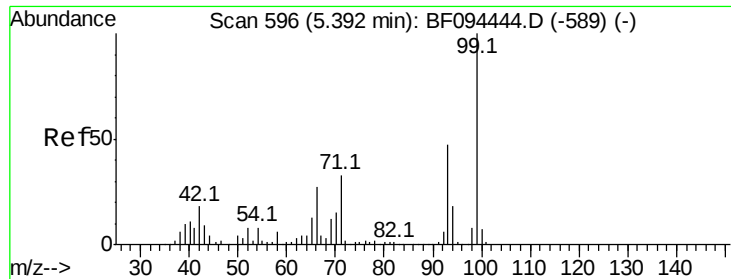
2-Fluorophenol
Concen: 144.37 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion:112 Resp: 1025143
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 28.5 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: 147.98 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

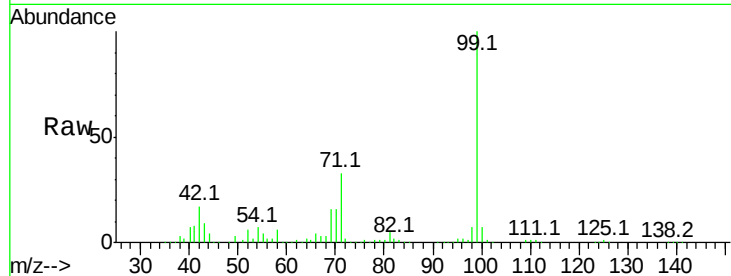
Tot Ion: 99 Resp: 1238759

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

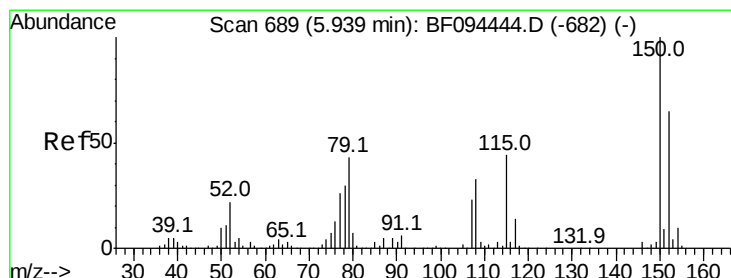
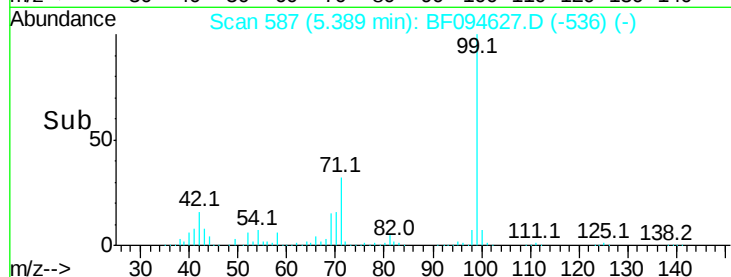
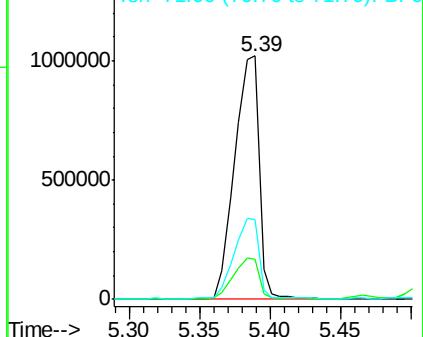
71 32.6 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.87 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

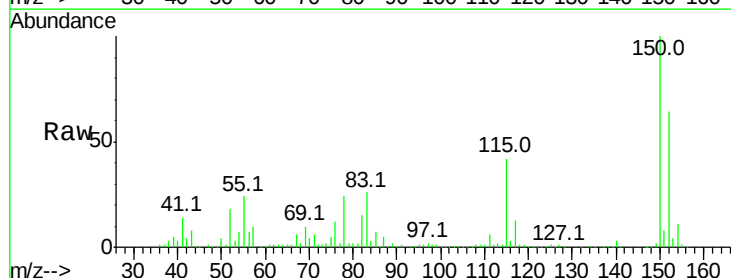
Tgt Ion: 79 Resp: 17815

Ion Ratio Lower Upper

79 100

108 23.6 63.4 95.0#

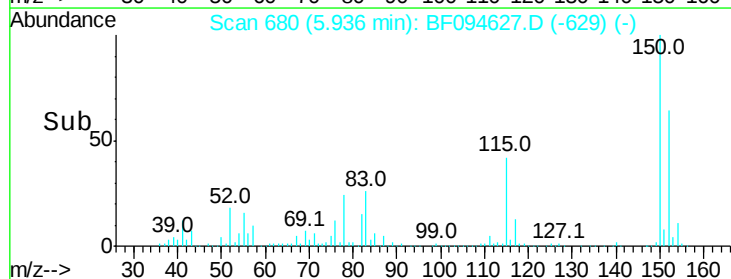
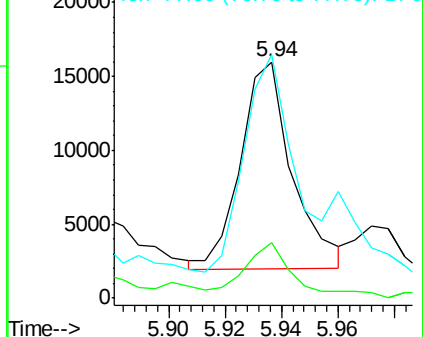
77 103.1 49.2 73.8#

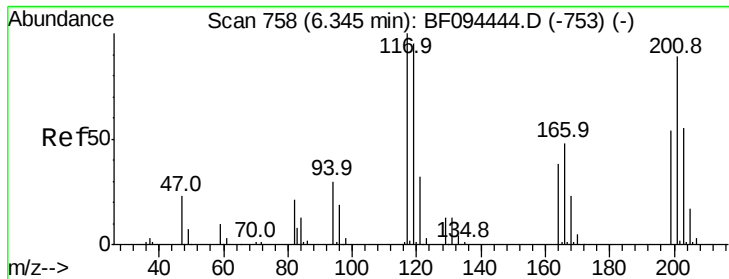


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

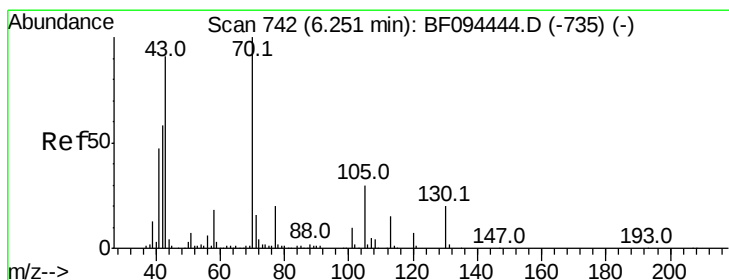
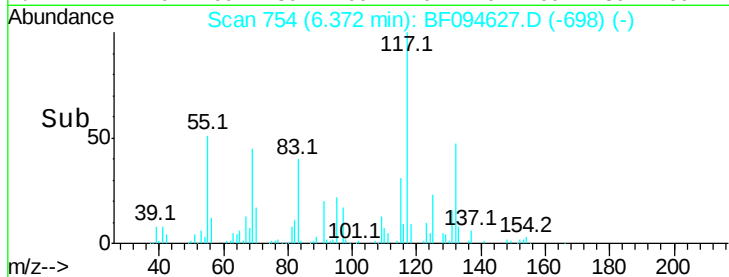
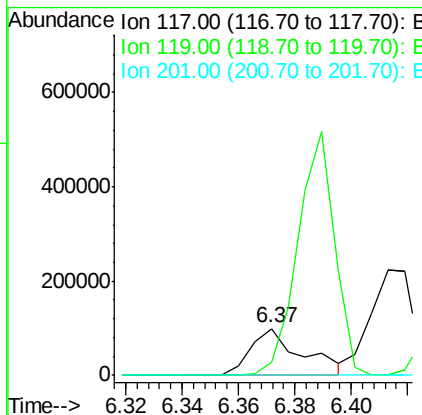
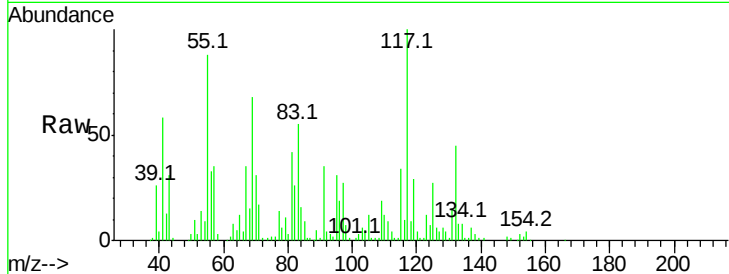




#18
Hexachloroethane
Concen: 40.31 ng
RT: 6.37 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

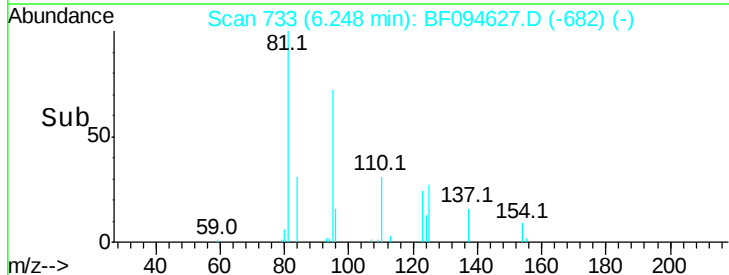
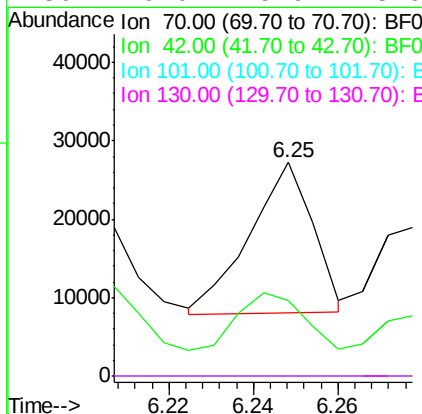
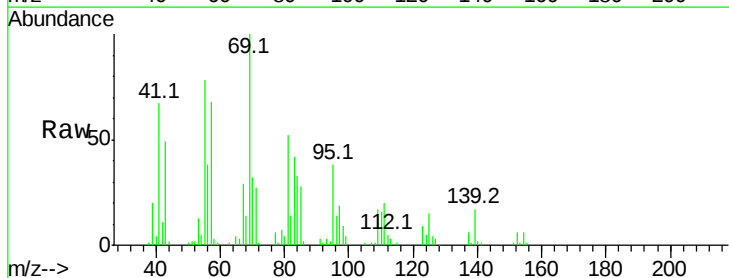
Instrument :
BNA_F
ClientSampleId :

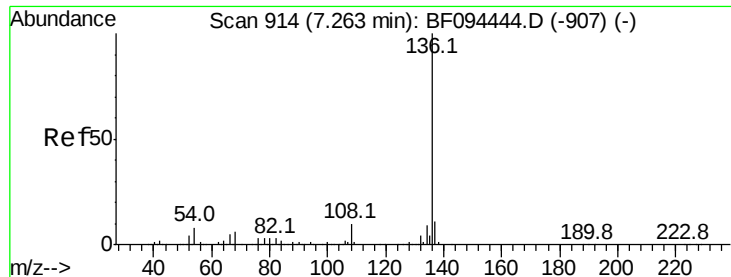
Tot Ion:117 Resp: 124464
Ion Ratio Lower Upper
117 100
119 28.8 77.4 116.0#
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 3.60 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion: 70 Resp: 19953
Ion Ratio Lower Upper
70 100
42 35.2 47.2 70.8#
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 388969

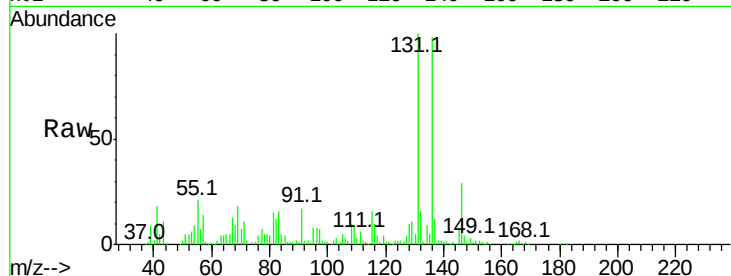
Ion Ratio Lower Upper

136 100

137 12.5 8.5 12.7

54 9.2 4.9 7.3#

68 9.0 4.1 6.1#

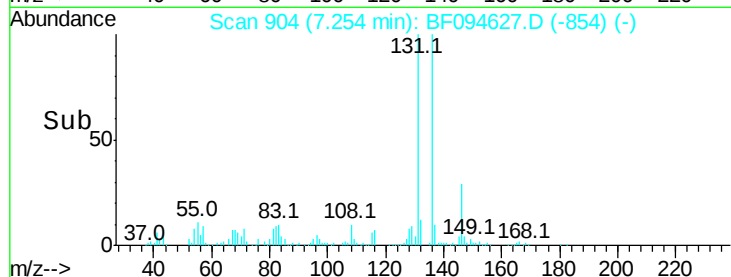


Abundance Ion 136.00 (135.70 to 136.70): E

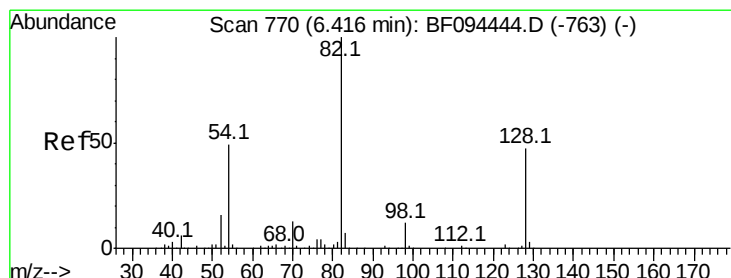
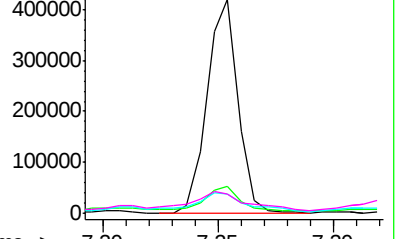
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 120.22 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

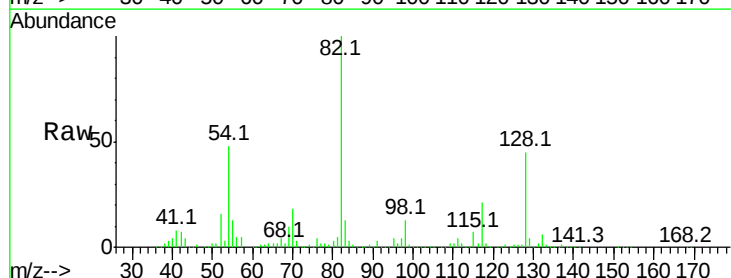
Tgt Ion: 82 Resp: 757328

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

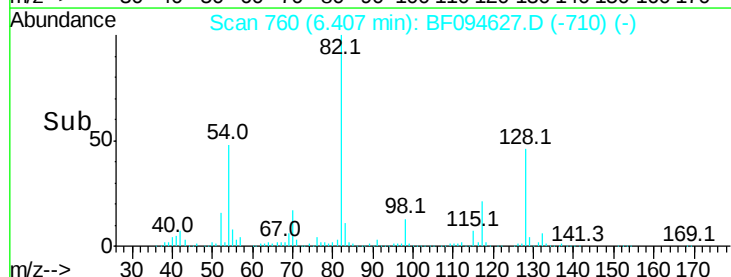
54 47.6 42.2 63.2



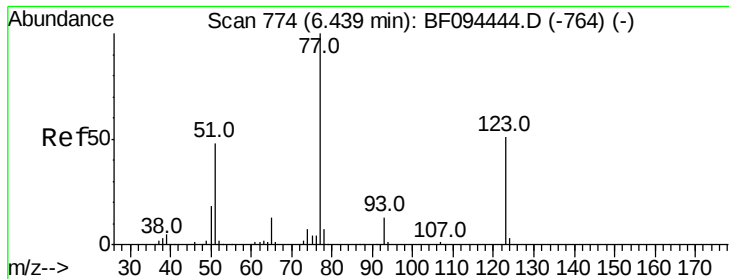
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



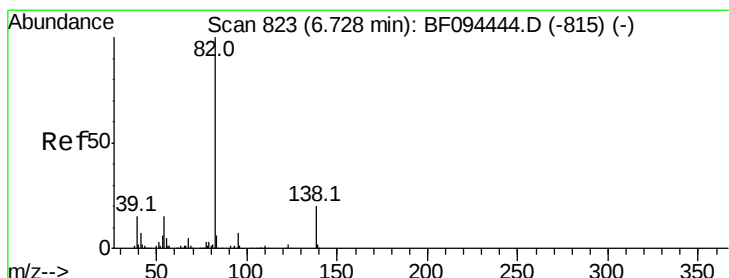
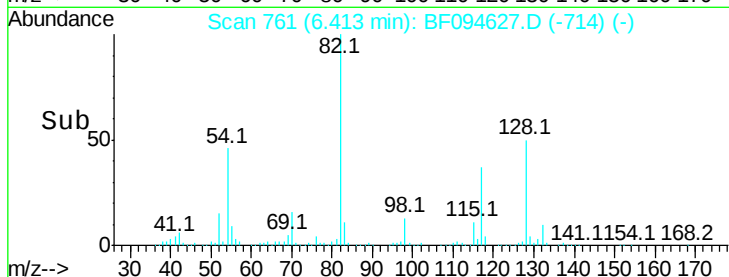
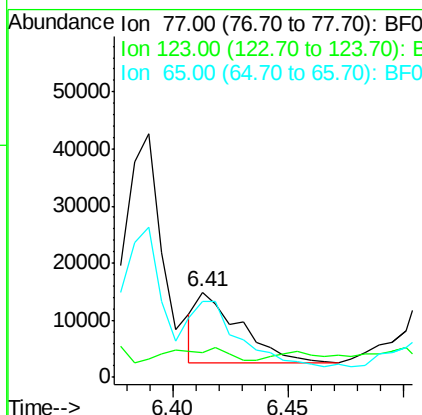
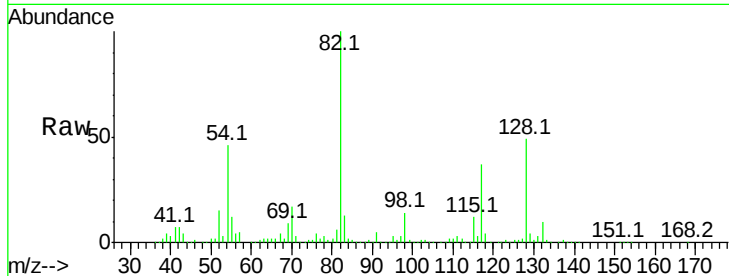
Time-->



#24
 Nitrobenzene
 Concen: 2.41 ng
 RT: 6.41 min Scan# 761
 Delta R.T. -0.03 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

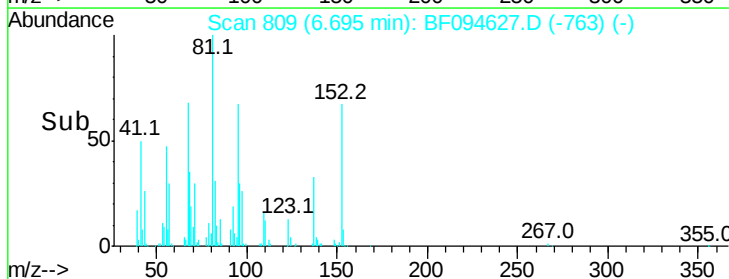
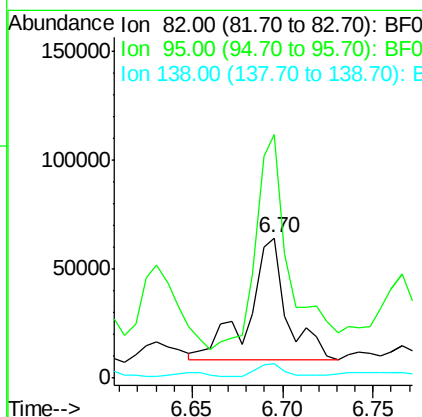
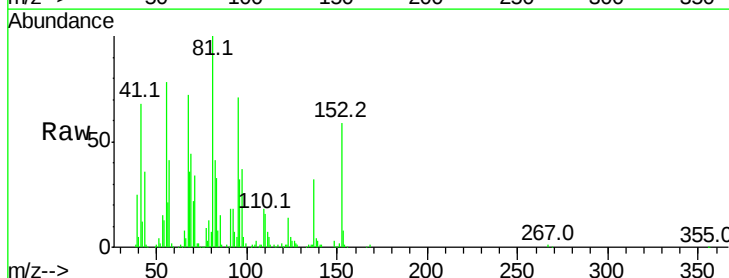
Instrument :
 BNA_F
 ClientSampleId :

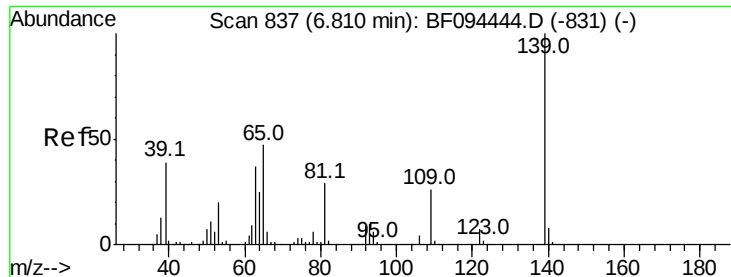
Tot Ion: 77 Resp: 15970
 Ion Ratio Lower Upper
 77 100
 123 29.7 35.8 53.8#
 65 90.1 10.6 15.8#



#25
 Isophorone
 Concen: 6.98 ng
 RT: 6.70 min Scan# 809
 Delta R.T. -0.03 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion: 82 Resp: 81550
 Ion Ratio Lower Upper
 82 100
 95 173.5 5.3 7.9#
 138 9.9 13.1 19.7#





#26

2-Nitrophenol

Concen: 3.57 ng

RT: 6.84 min Scan# 833

Delta R.T. 0.03 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

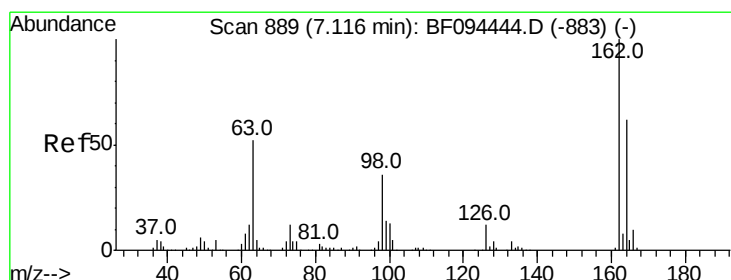
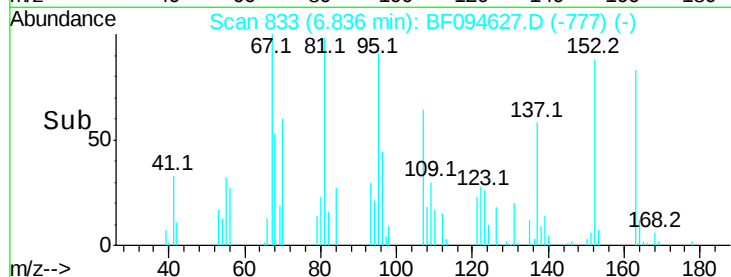
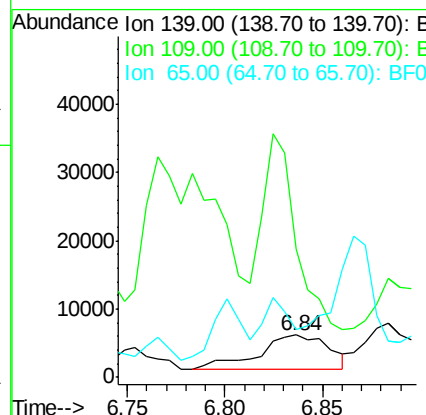
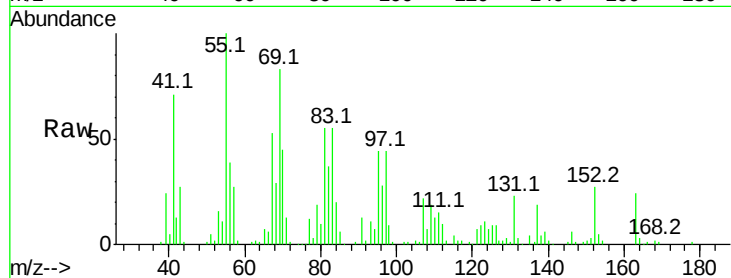
Tot Ion:139 Resp: 12711

Ion Ratio Lower Upper

139 100

109 305.5 21.0 31.6#

65 114.5 33.0 49.6#



#29

2,4-Dichlorophenol

Concen: 2.70 ng

RT: 7.10 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

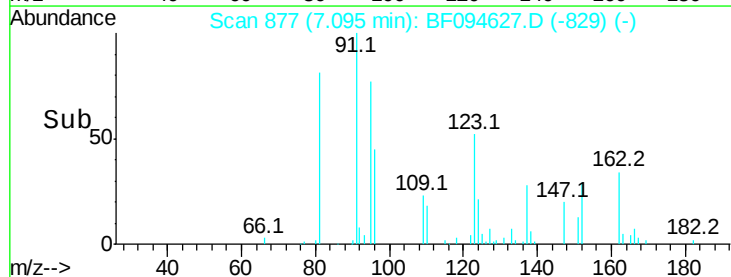
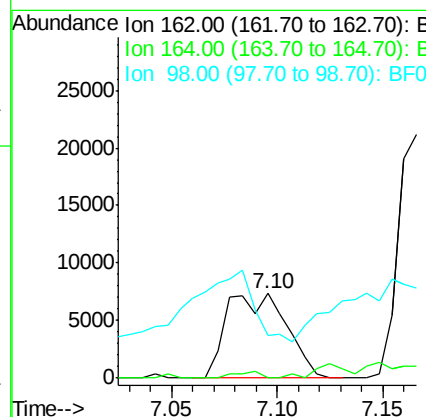
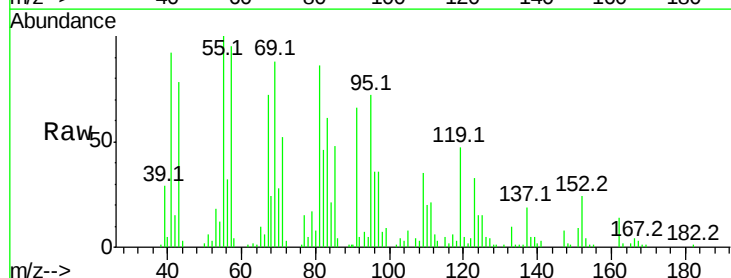
Tgt Ion:162 Resp: 14524

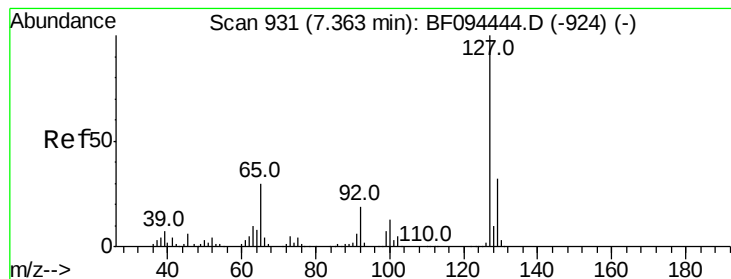
Ion Ratio Lower Upper

162 100

164 0.0 44.6 84.6#

98 50.5 14.8 54.8





#33

4-Chloroaniline

Concen: 2.02 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.04 min

Lab File: BF094627.D

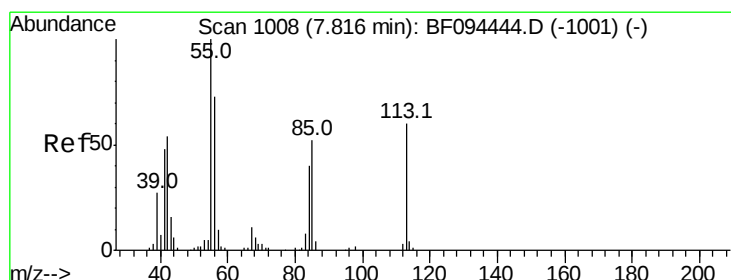
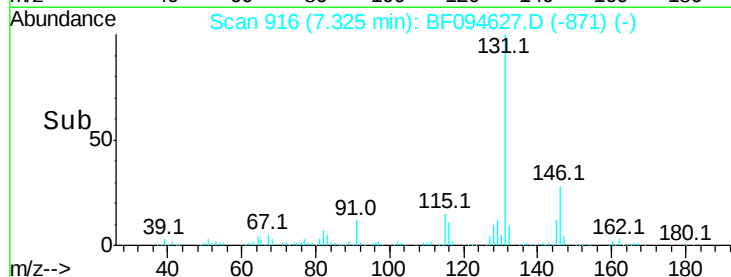
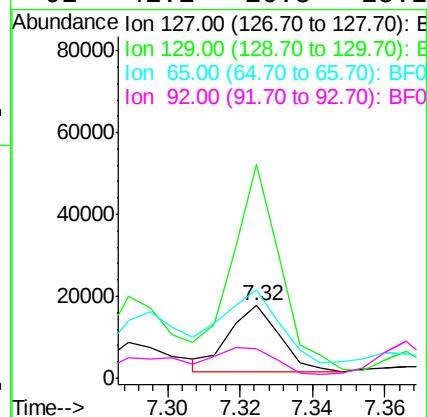
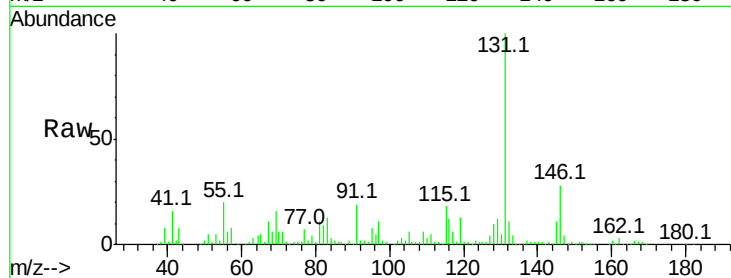
Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127	Resp:	15686
Ion Ratio	Lower	Upper
127 100		
129 293.6	26.2	39.2#
65 121.0	27.8	41.8#
92 41.1	16.8	25.2#



#35

Caprolactam

Concen: 49.58 ng

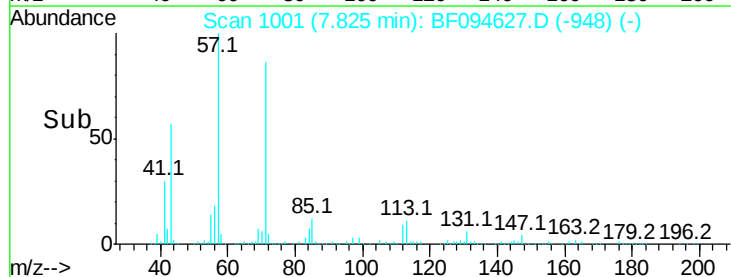
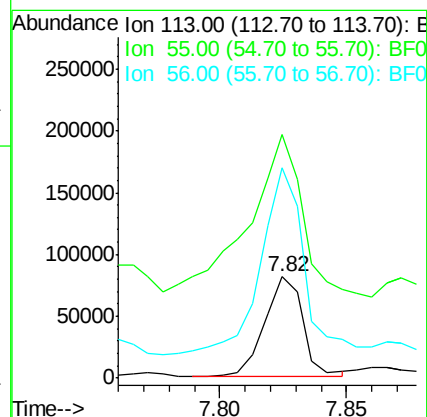
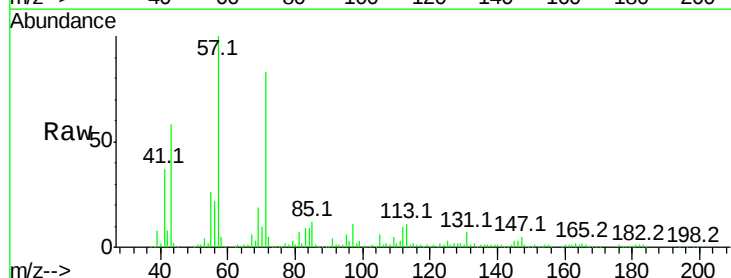
RT: 7.82 min Scan# 1001

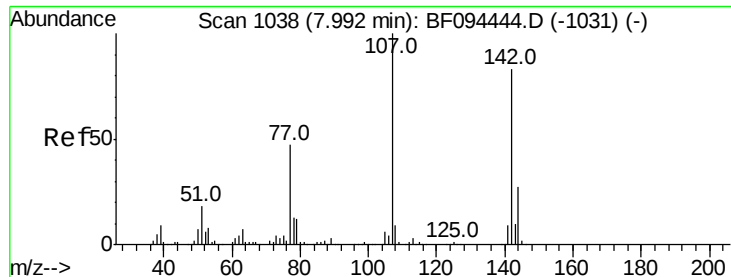
Delta R.T. 0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Tgt Ion:113	Resp:	83873
Ion Ratio	Lower	Upper
113 100		
55 241.1	150.2	190.2#
56 207.7	107.8	147.8#





#36

4-Chloro-3-methylphenol

Concen: 2.13 ng

RT: 8.04 min Scan# 1038

Delta R.T. 0.05 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

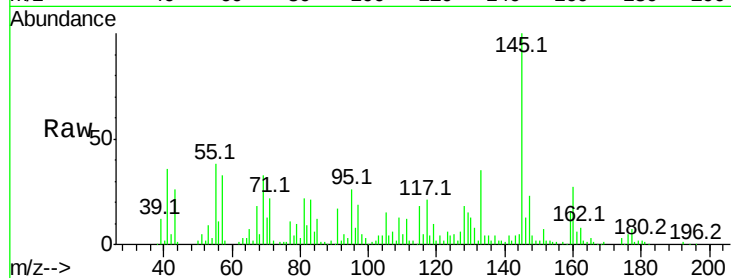
Tot Ion:107 Resp: 12029

Ion Ratio Lower Upper

107 100

144 86.4 24.2 36.4#

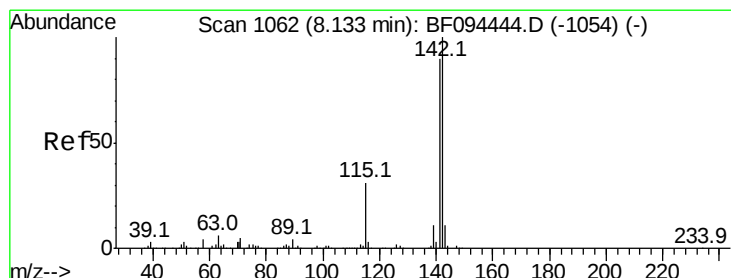
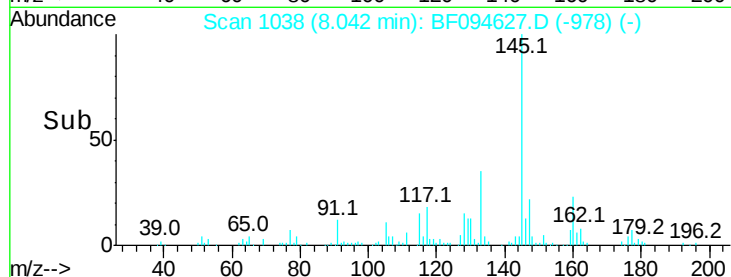
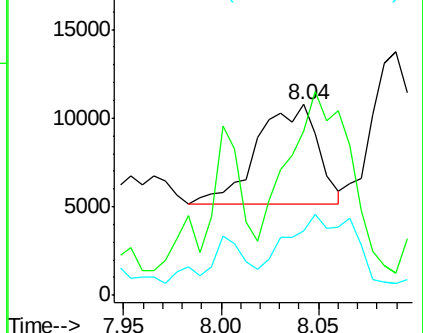
142 33.7 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 53.14 ng

RT: 8.25 min Scan# 1073

Delta R.T. 0.11 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

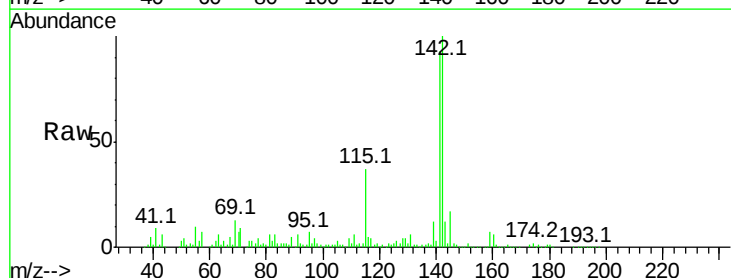
Tgt Ion:142 Resp: 679865

Ion Ratio Lower Upper

142 100

141 92.9 71.3 106.9

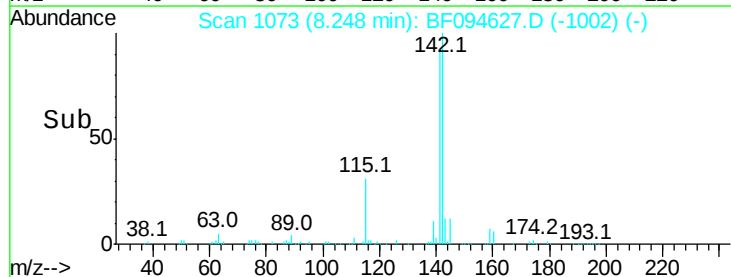
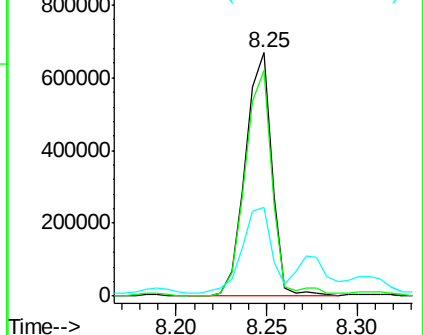
115 36.6 27.1 40.7

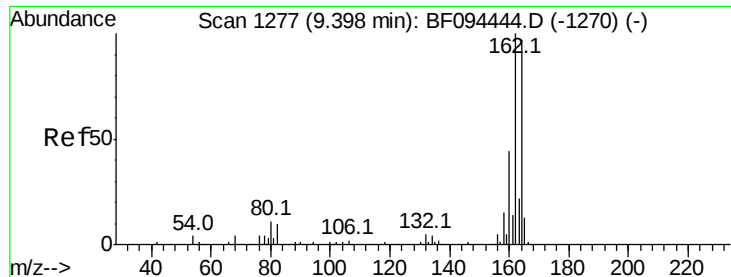


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

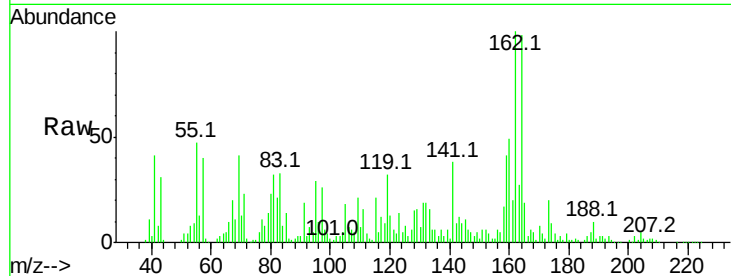




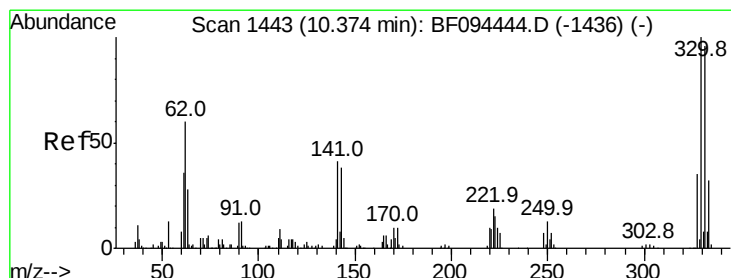
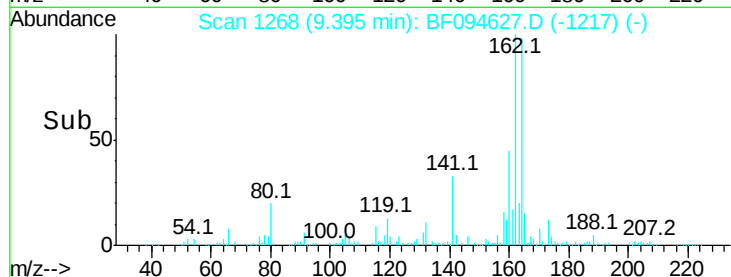
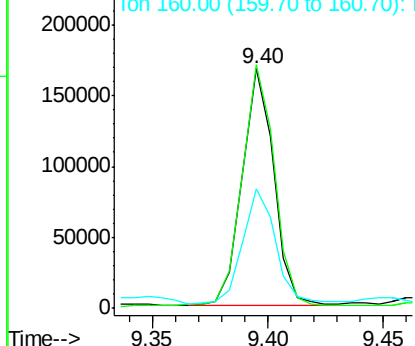
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 160033
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 49.9 36.2 54.2

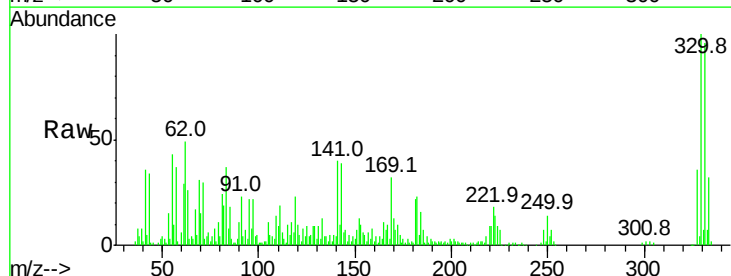


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

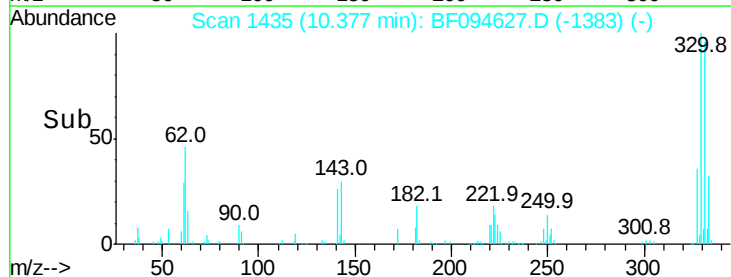
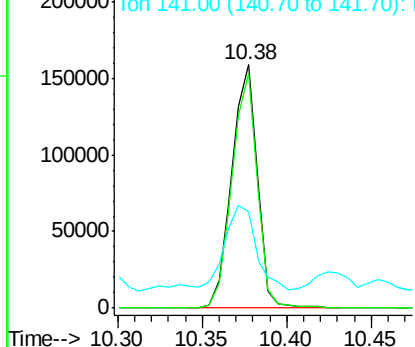


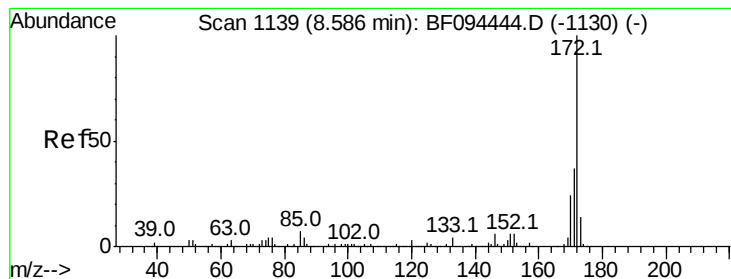
#41
2,4,6-Tribromophenol
Concen: 133.18 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion:330 Resp: 166707
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 48.3 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

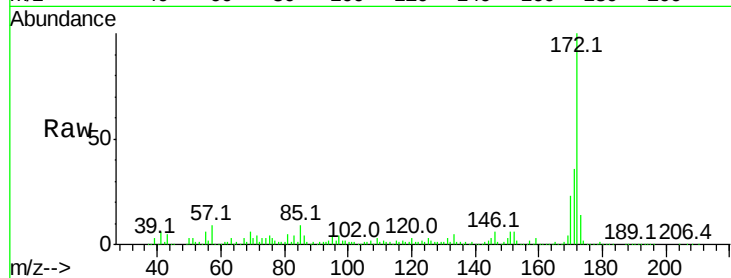




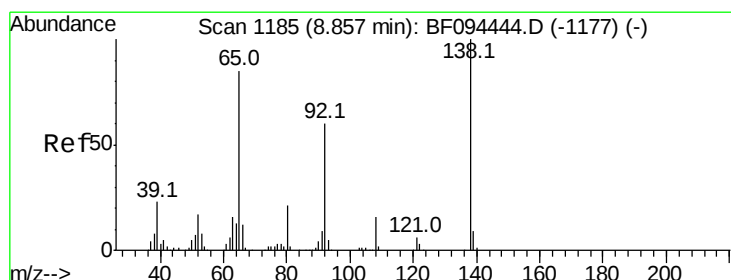
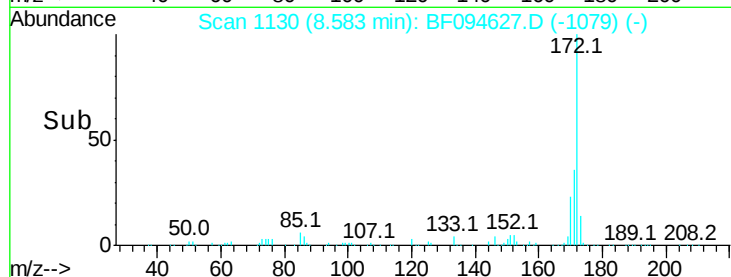
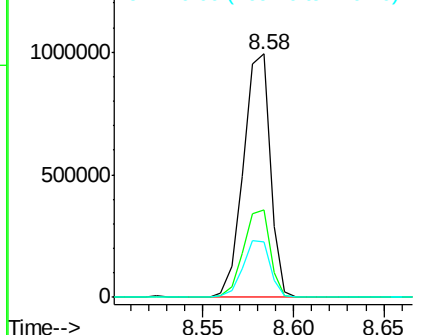
#44
2-Fluorobiphenyl
Concen: 94.09 ng
RT: 8.58 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1023395
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 22.9 19.8 29.8

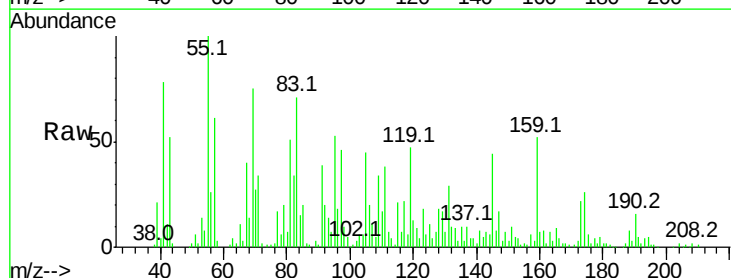


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

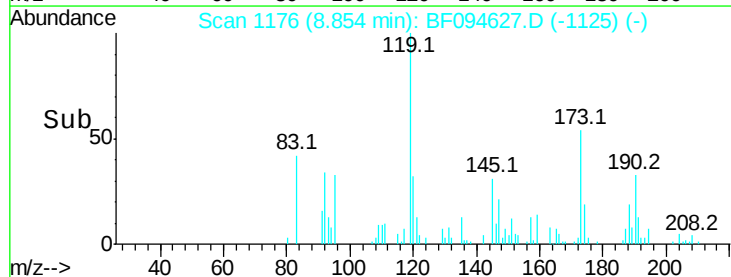
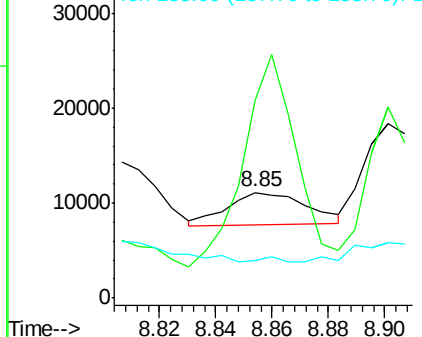


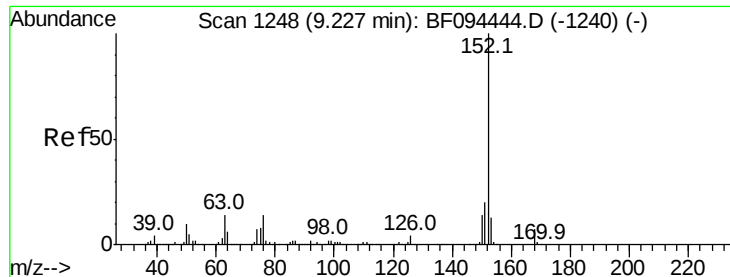
#47
2-Nitroaniline
Concen: 2.21 ng
RT: 8.85 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion: 65 Resp: 6610
Ion Ratio Lower Upper
65 100
92 188.0 53.9 80.9#
138 35.4 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.47 ng

RT: 9.23 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampled :

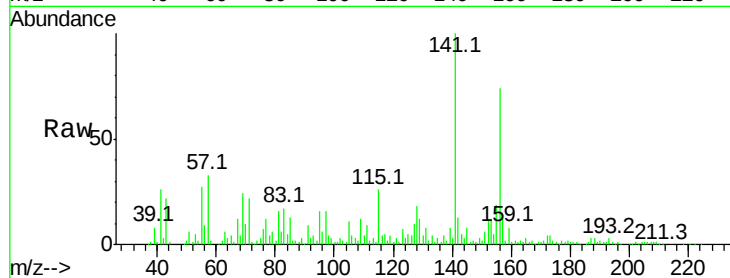
Tot Ion:152 Resp: 40097

Ion Ratio Lower Upper

152 100

151 49.1 16.8 25.2#

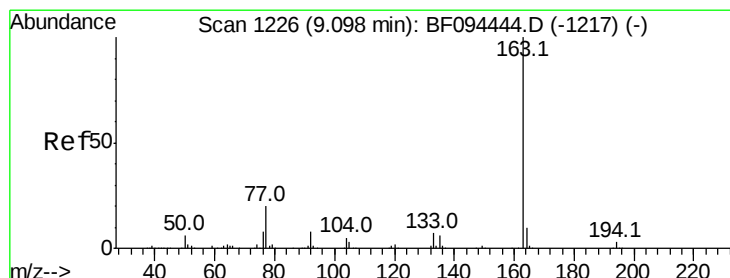
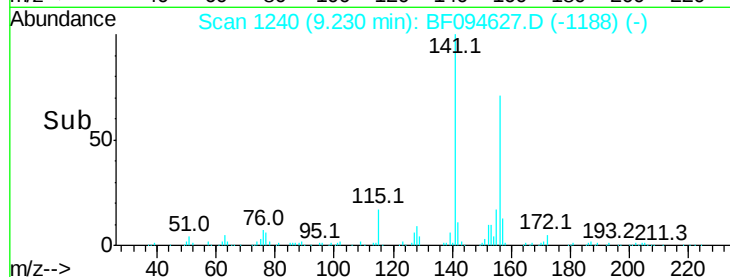
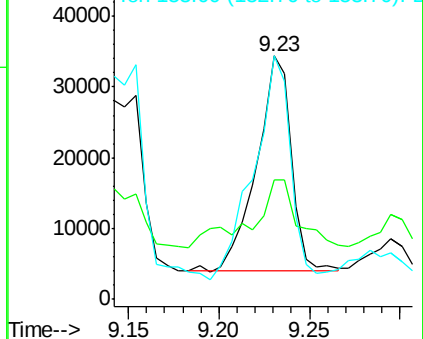
153 100.0 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 12.82 ng

RT: 9.08 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

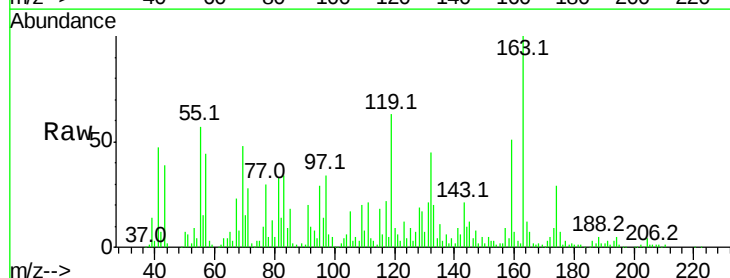
Tgt Ion:163 Resp: 152919

Ion Ratio Lower Upper

163 100

194 5.4 2.6 4.0#

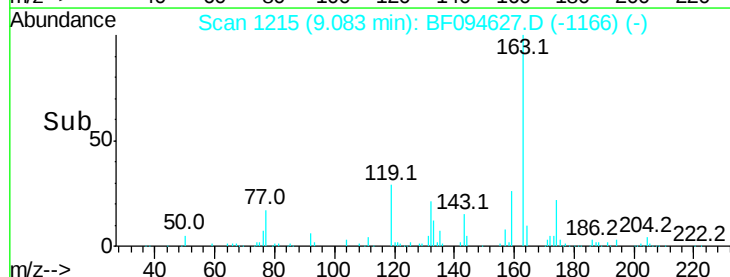
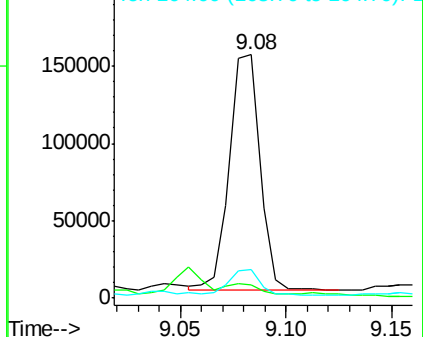
164 11.7 8.4 12.6

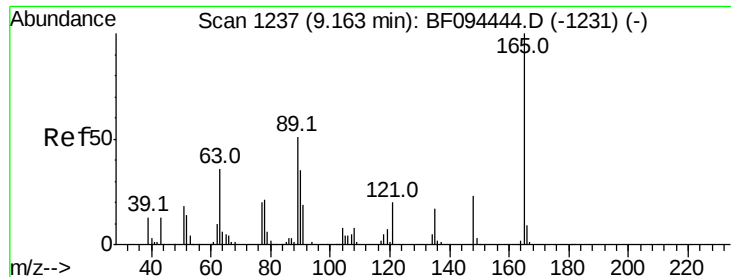


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

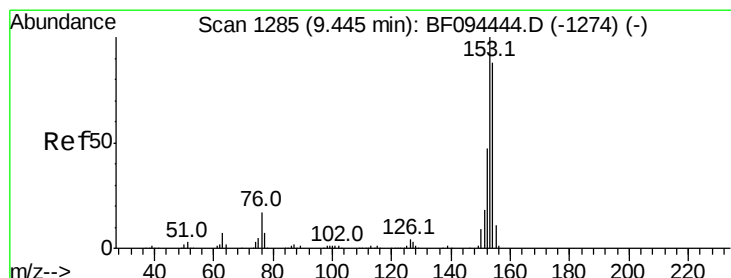
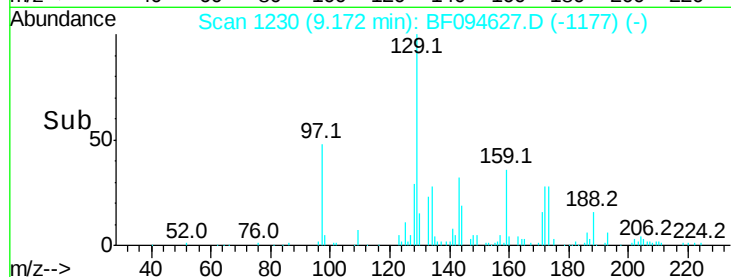
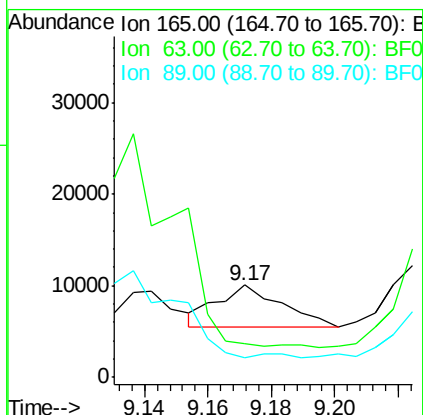
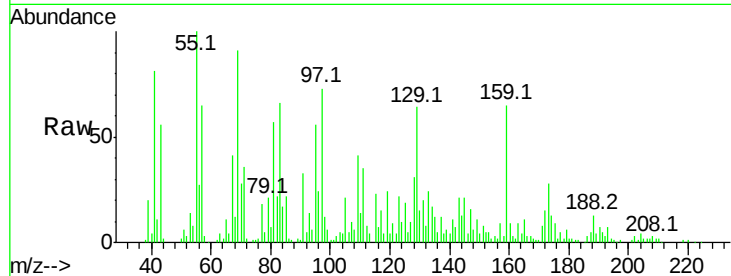




#50
2,6-Dinitrotoluene
Concen: 2.44 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

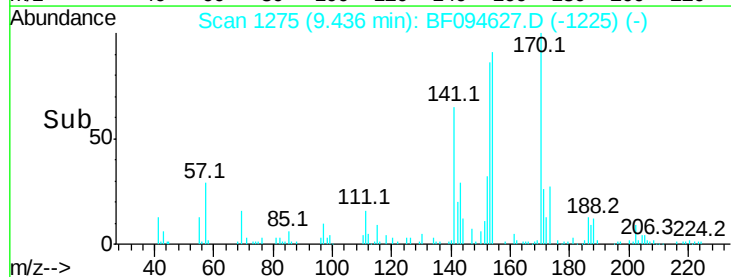
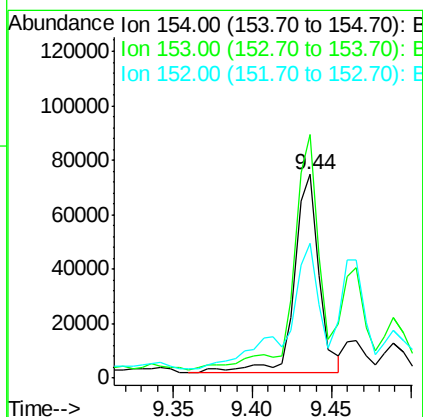
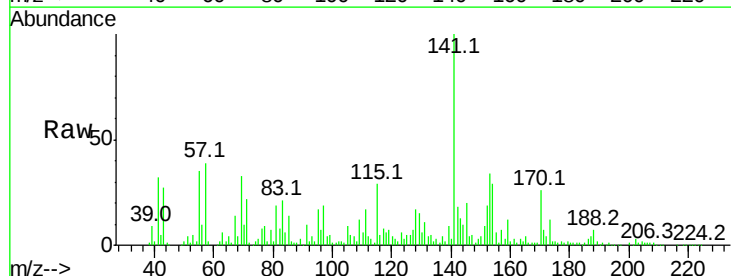
Instrument :
BNA_F
ClientSampleId :

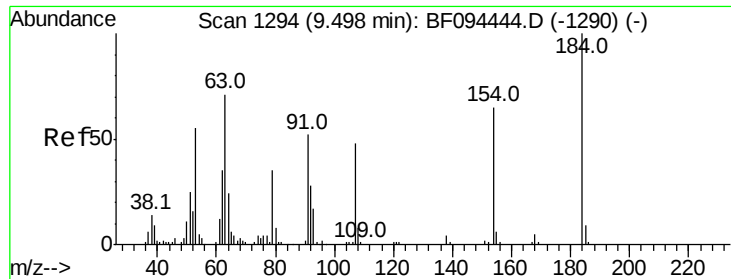
Tot Ion:165 Resp: 6543
Ion Ratio Lower Upper
165 100
63 36.2 34.3 51.5
89 21.6 37.1 55.7#



#51
Acenaphthene
Concen: 8.21 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion:154 Resp: 79739
Ion Ratio Lower Upper
154 100
153 119.6 90.5 135.7
152 66.3 43.6 65.4#

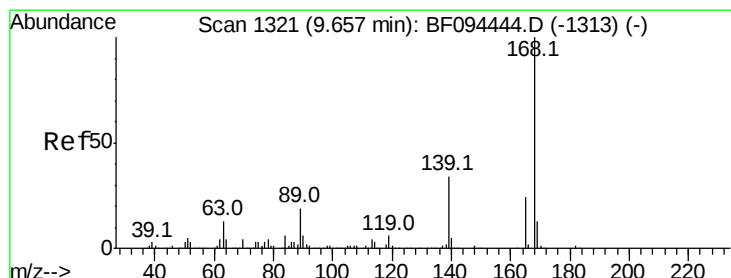
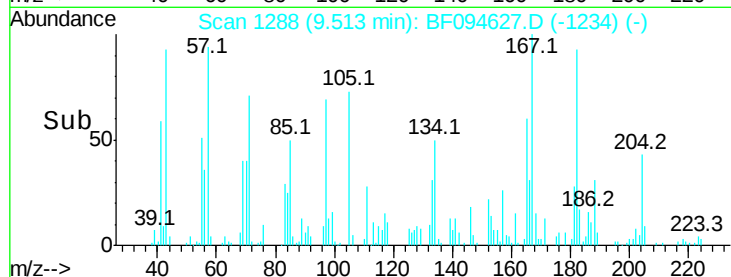
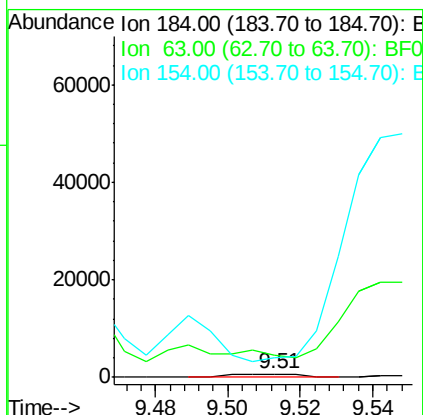
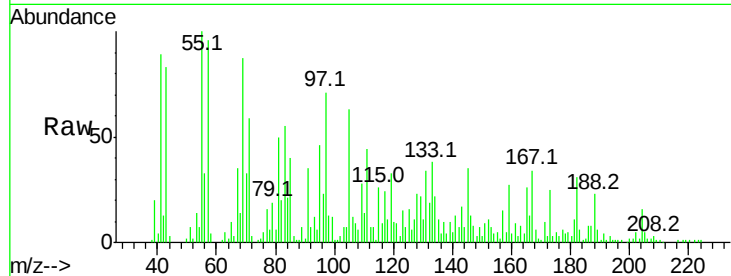




#53
 2,4-Dinitrophenol
 Concen: 6.33 ng
 RT: 9.51 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

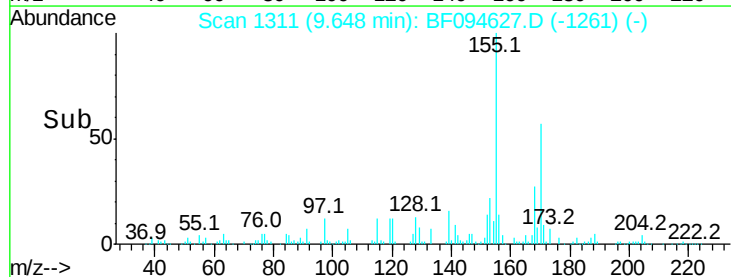
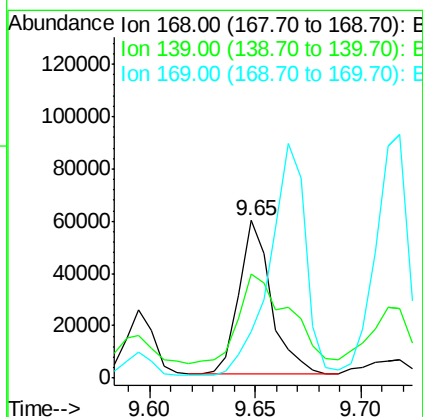
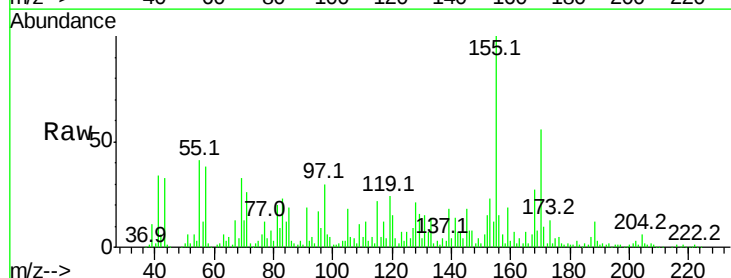
Instrument :
 BNA_F
 ClientSampleId :

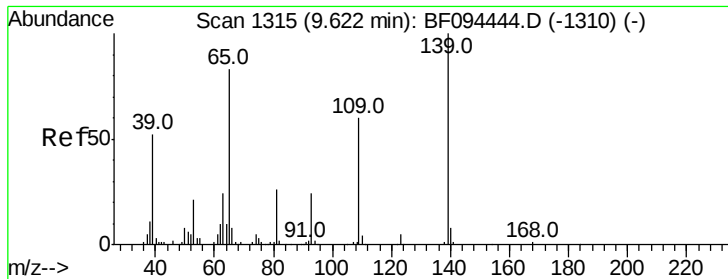
Tot Ion:184 Resp: 889
 Ion Ratio Lower Upper
 184 100
 63 651.3 62.7 94.1#
 154 555.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 4.40 ng
 RT: 9.65 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion:168 Resp: 62137
 Ion Ratio Lower Upper
 168 100
 139 65.9 30.6 45.8#
 169 29.4 10.8 16.2#

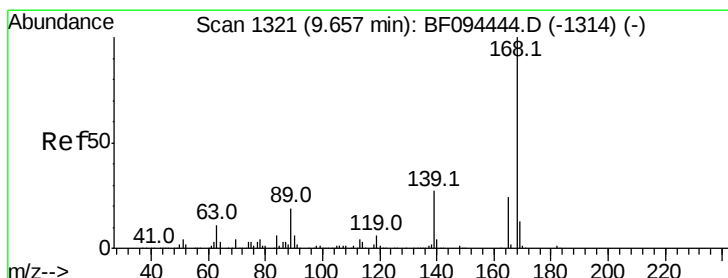
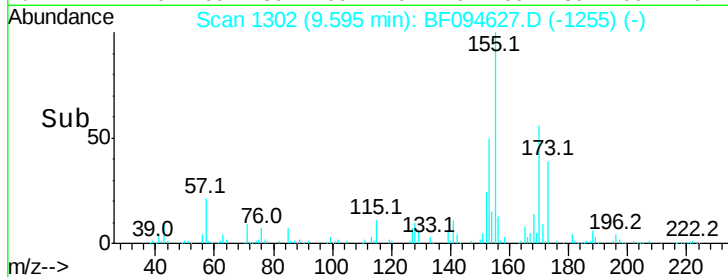
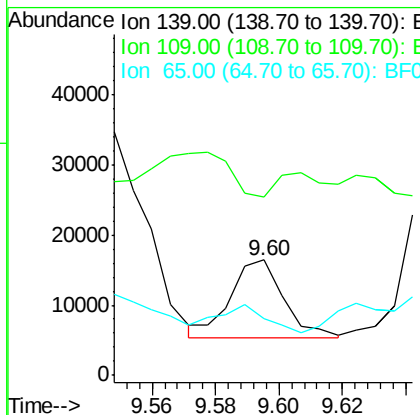
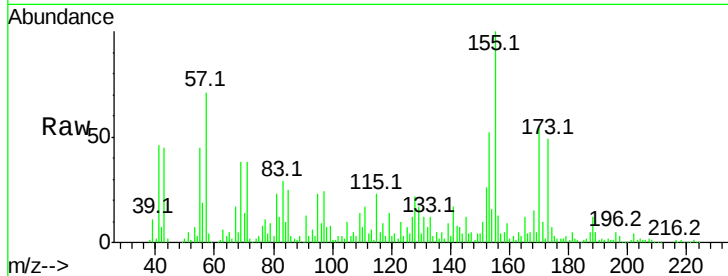




#55
4-Nitrophenol
Concen: 6.02 ng
RT: 9.60 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

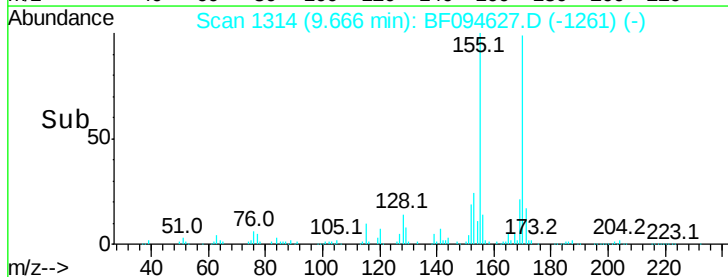
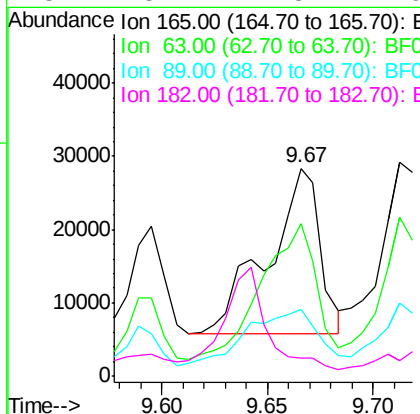
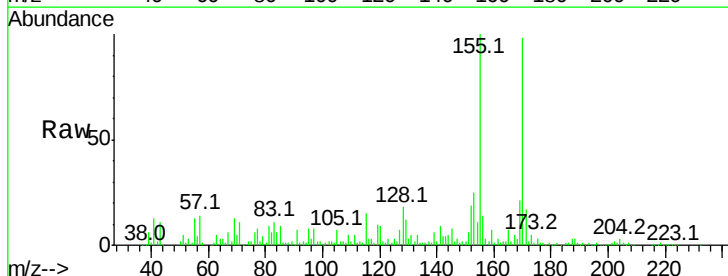
Instrument :
BNA_F
ClientSampleId :

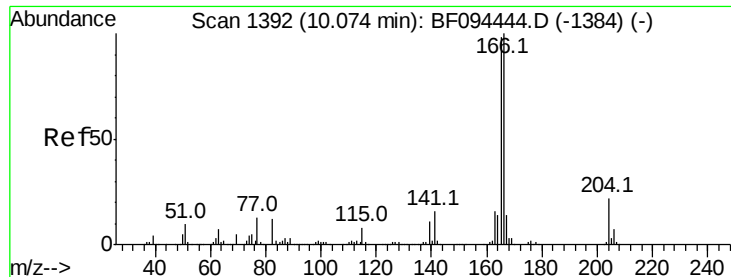
Tot Ion:139 Resp: 13174
Ion Ratio Lower Upper
139 100
109 154.7 34.1 74.1#
65 49.1 31.4 71.4



#56
2,4-Dinitrotoluene
Concen: 11.90 ng
RT: 9.67 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion:165 Resp: 39087
Ion Ratio Lower Upper
165 100
63 73.4 25.4 38.0#
89 31.9 46.4 69.6#
182 8.4 1.8 2.6#

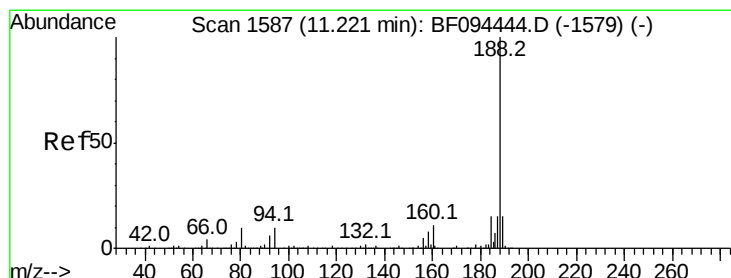
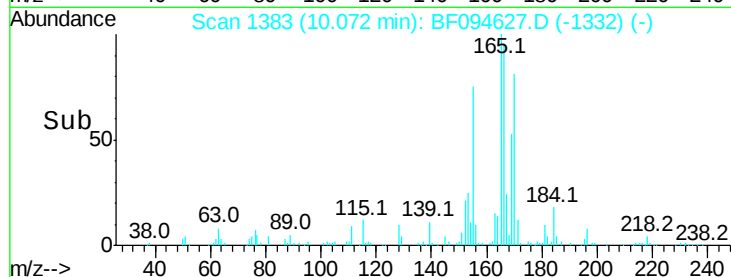
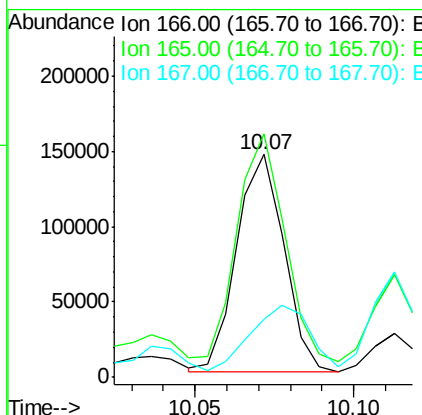
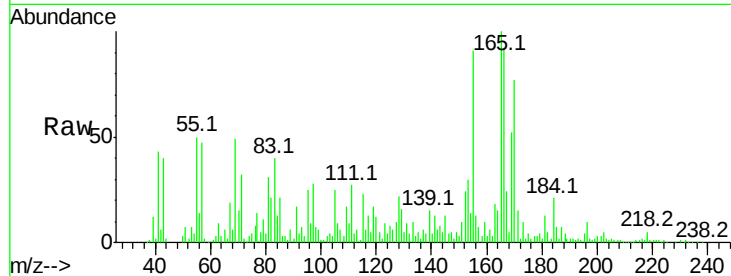




#57
Fluorene
 Concen: 13.59 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

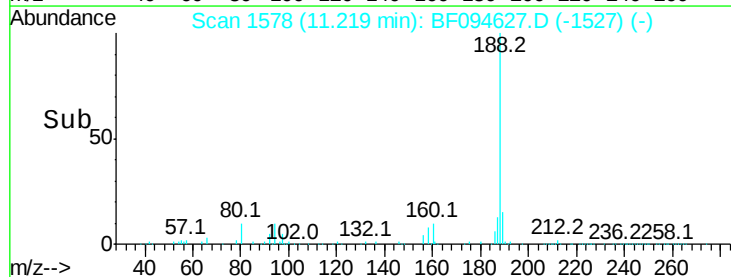
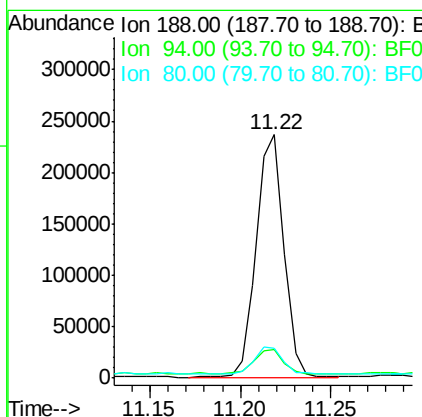
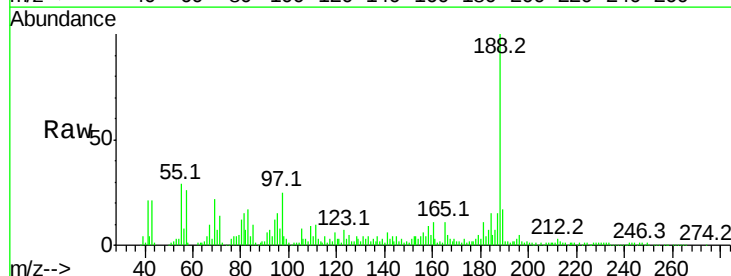
Instrument :
 BNA_F
 ClientSampleId :

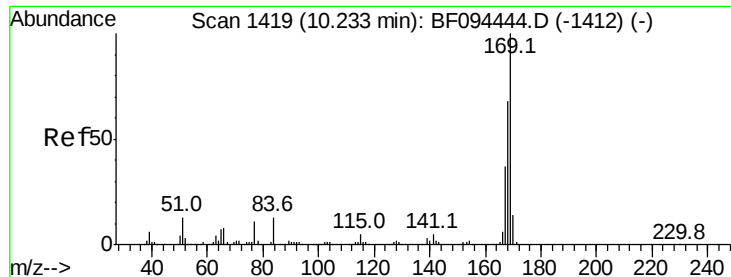
Tot Ion:166 Resp: 149300
 Ion Ratio Lower Upper
 166 100
 165 109.2 78.8 118.2
 167 26.3 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF094627.D
 Acq: 26 Apr 2017 2:26

Tgt Ion:188 Resp: 248485
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.4 10.2 15.2

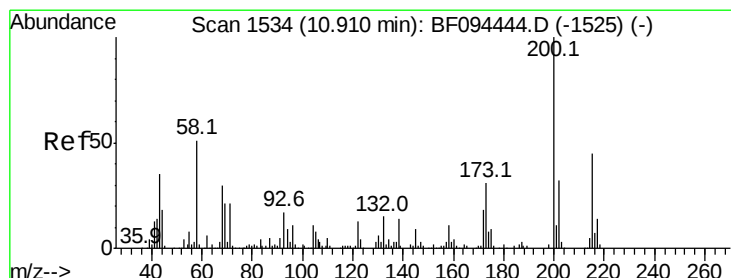
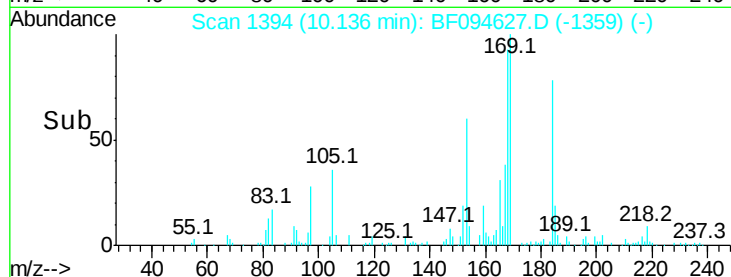
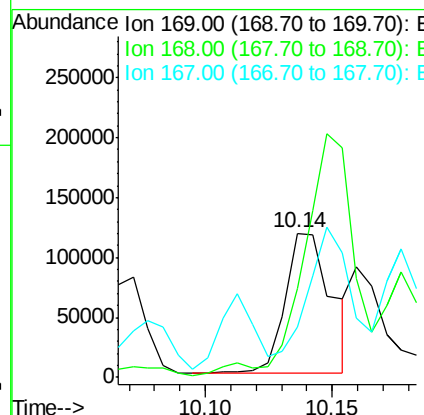
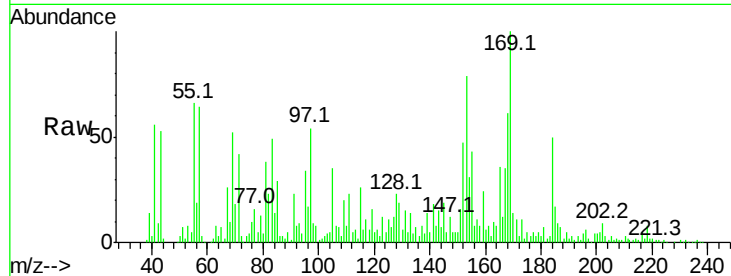




#65
n-Nitrosodiphenylamine
Concen: 17.26 ng
RT: 10.14 min Scan# 1394
Delta R.T. -0.10 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

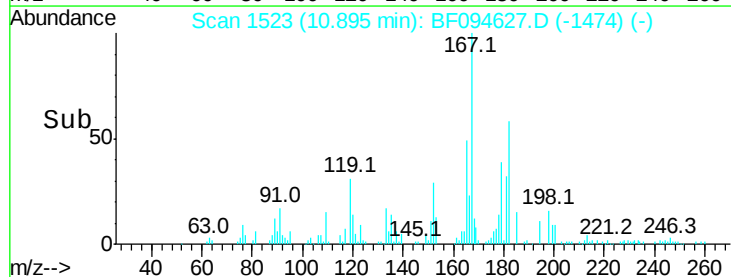
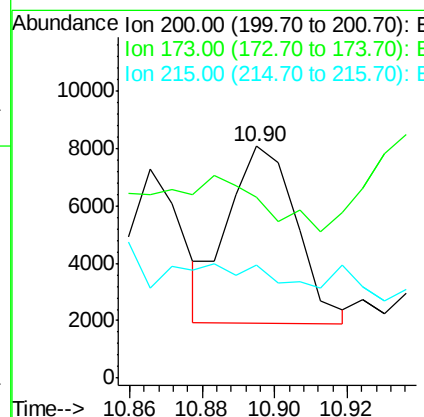
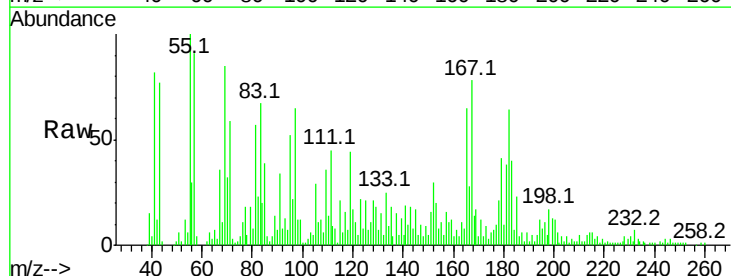
Instrument :
BNA_F
ClientSampleId :

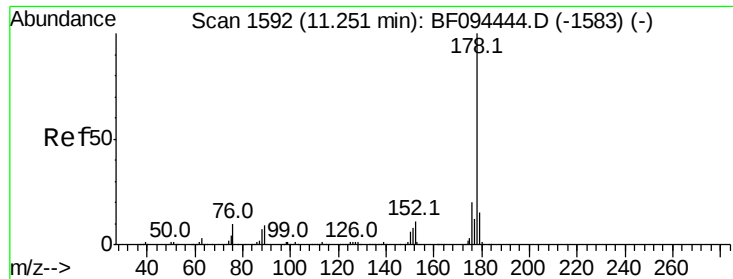
Tot Ion:169 Resp: 149134
Ion Ratio Lower Upper
169 100
168 61.5 53.2 79.8
167 34.9 29.5 44.3



#68
Atrazine
Concen: 3.14 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion:200 Resp: 8118
Ion Ratio Lower Upper
200 100
173 78.1 6.3 46.3#
215 49.0 27.2 67.2





#70

Phenanthrene

Concen: 29.89 ng

RT: 11.25 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampled :

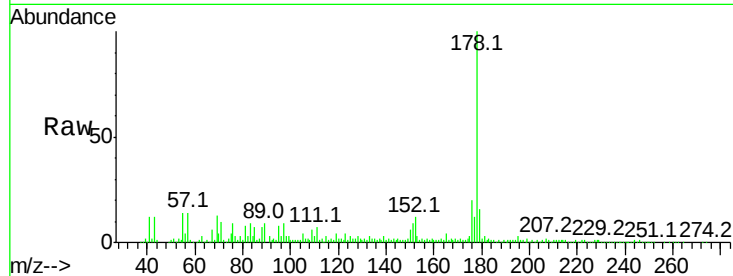
Tot Ion:178 Resp: 418284

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

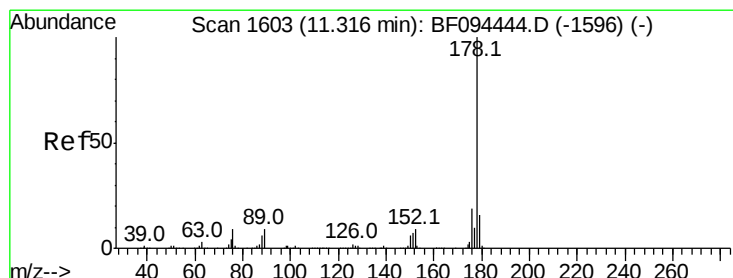
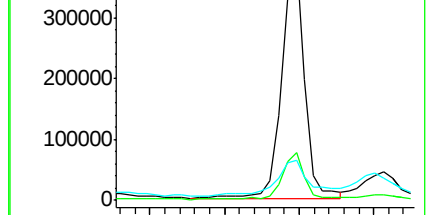
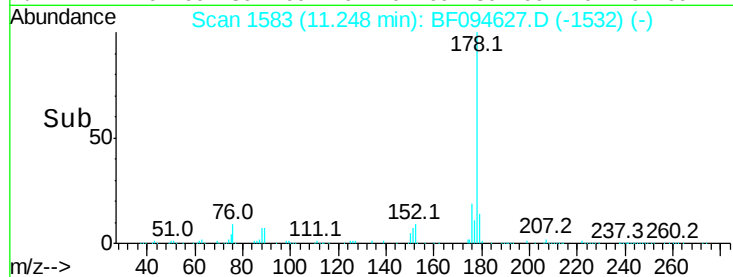
179 16.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 28.90 ng

RT: 11.25 min Scan# 1583

Delta R.T. -0.07 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

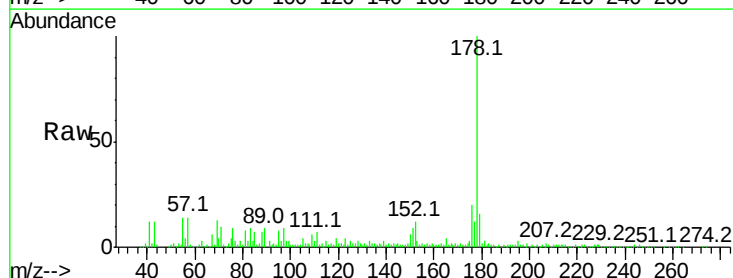
Tgt Ion:178 Resp: 418284

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

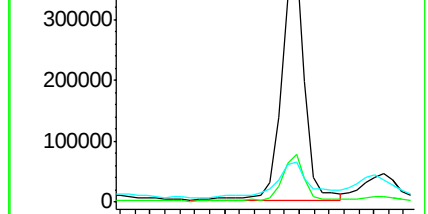
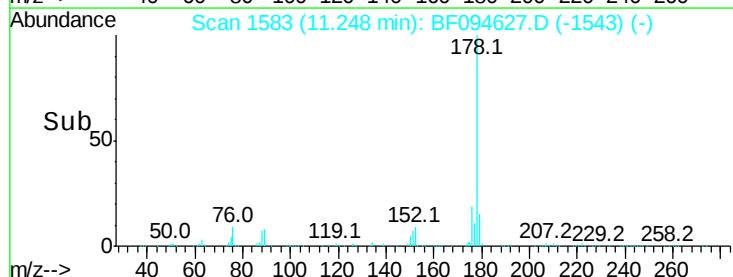
179 16.3 12.7 19.1

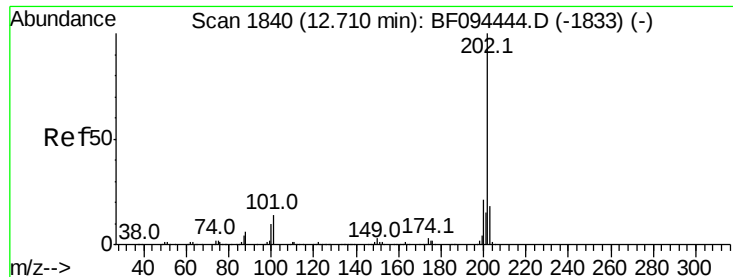


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.64 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

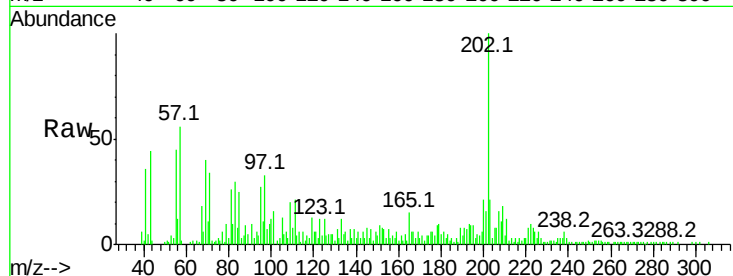
Tot Ion:202 Resp: 67236

Ion Ratio Lower Upper

202 100

101 16.1 0.0 33.2

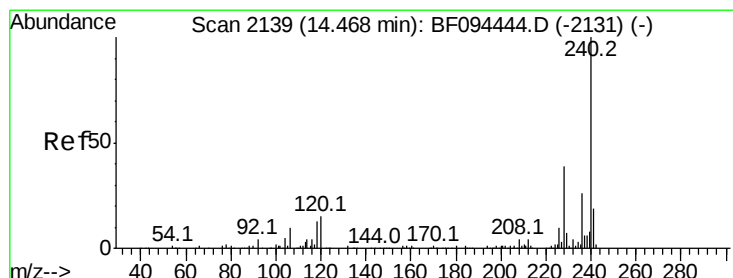
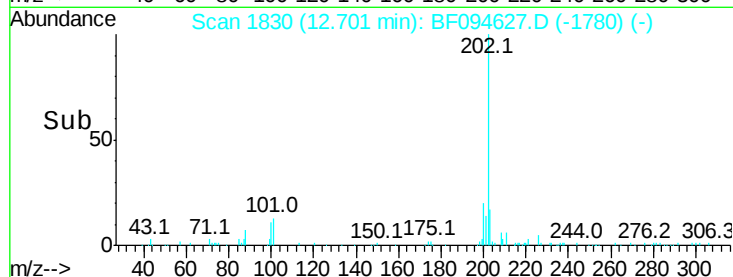
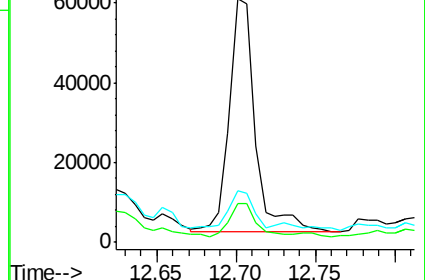
203 21.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.45 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

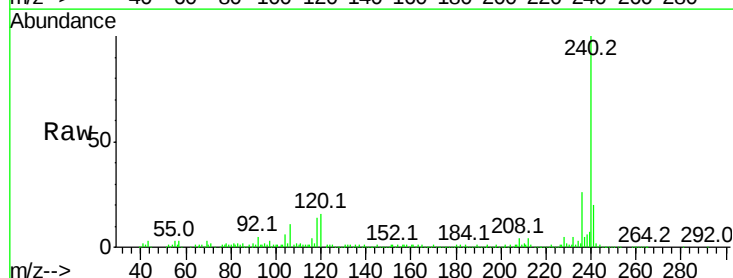
Tgt Ion:240 Resp: 248392

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

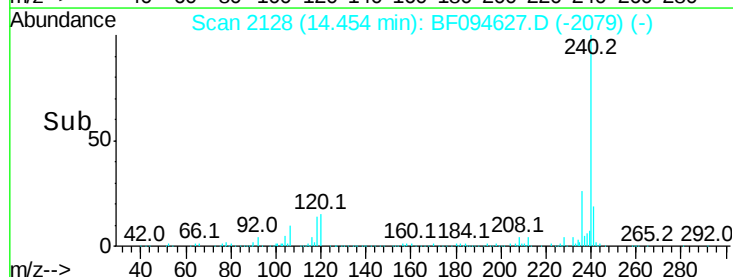
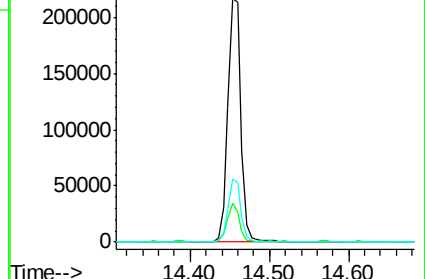
236 26.0 20.5 30.7

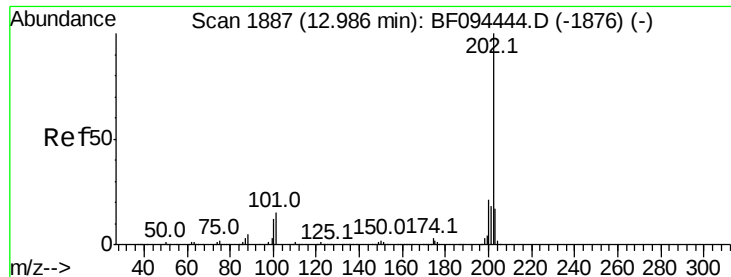


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 7.53 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

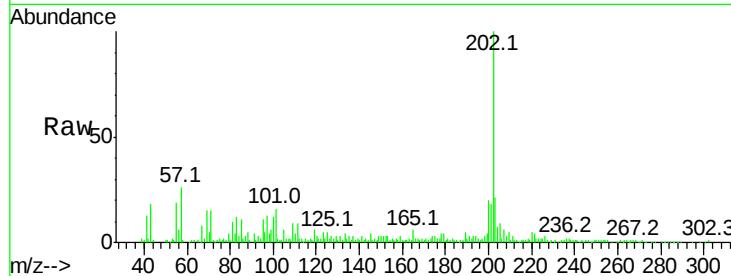
Tot Ion:202 Resp: 130703

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

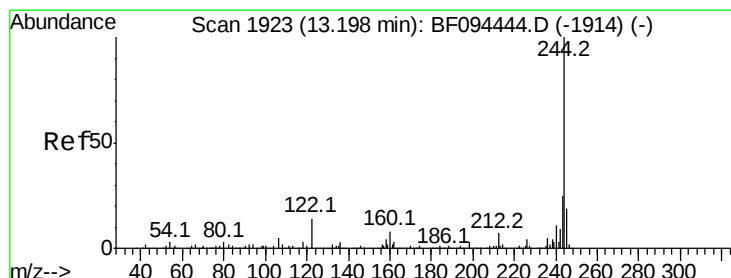
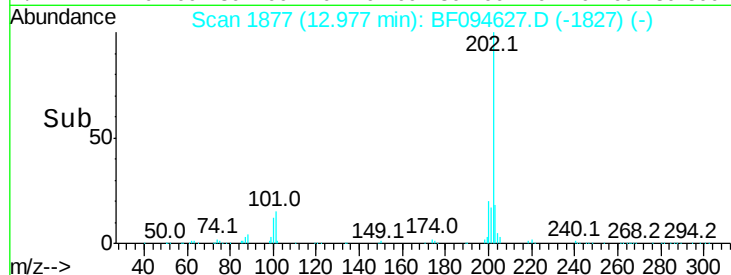
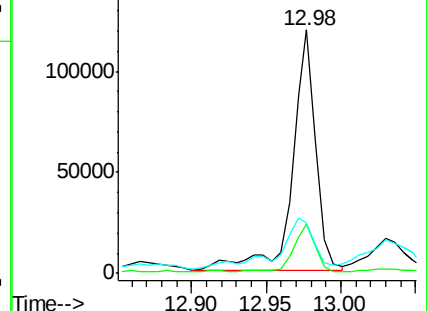
203 20.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.75 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

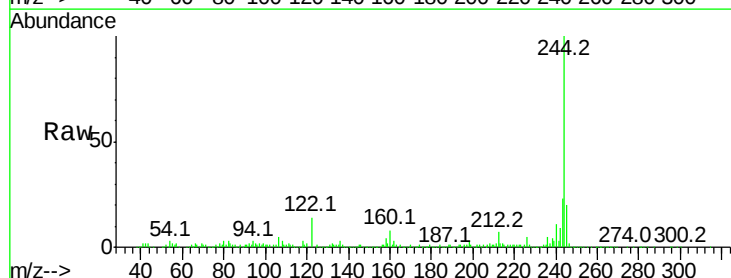
Tgt Ion:244 Resp: 759663

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

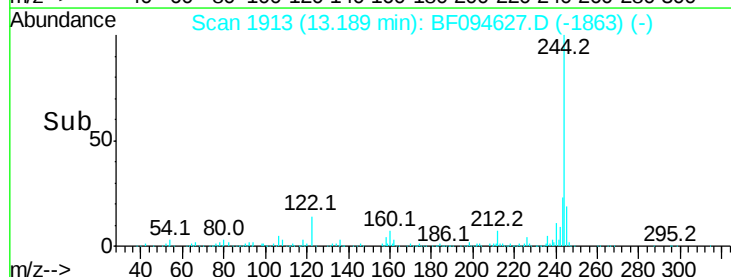
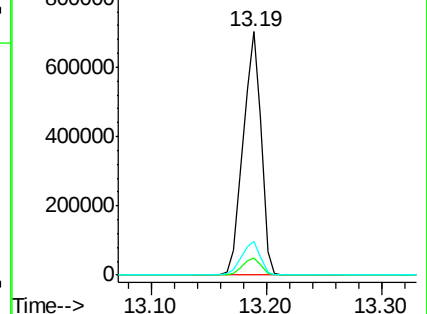
122 13.9 10.3 15.5

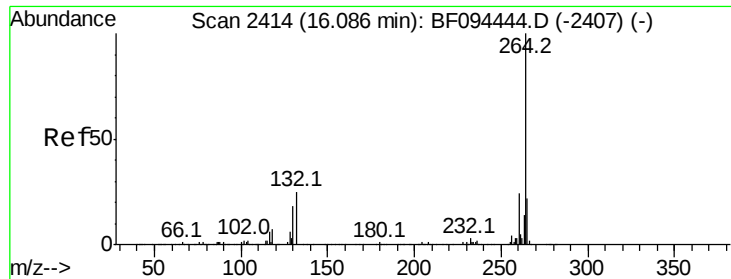


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

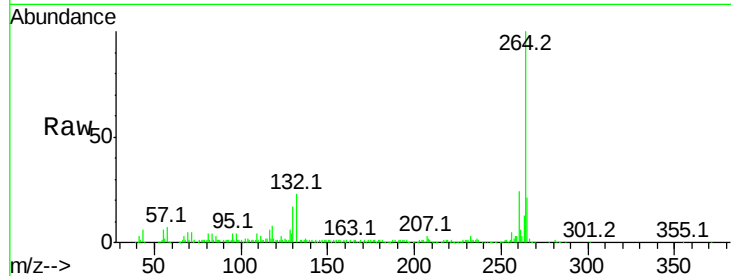




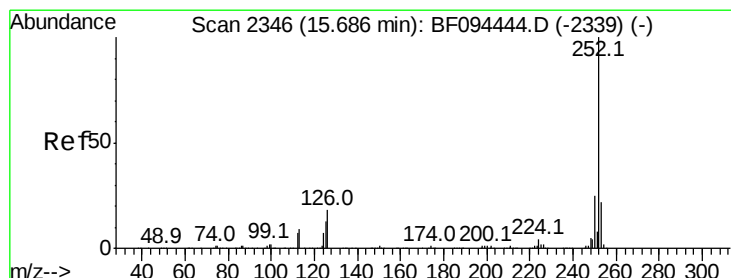
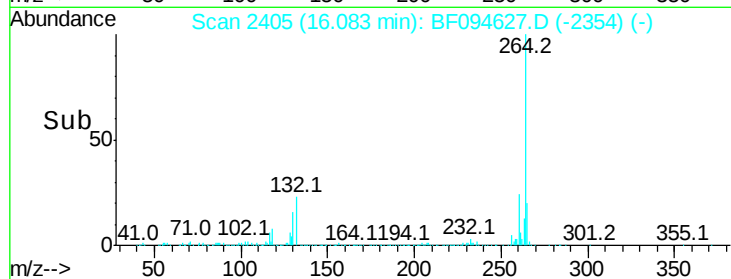
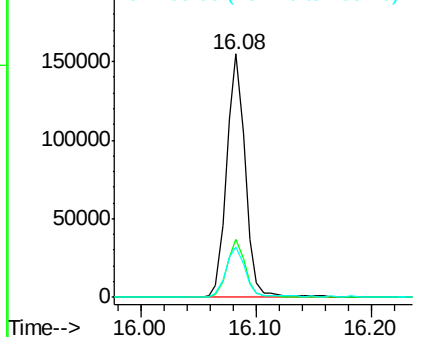
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.6	17.2	25.8

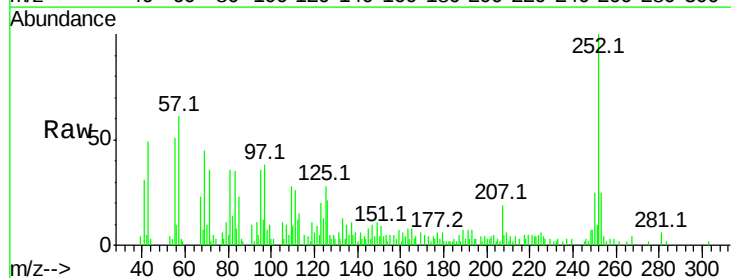


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

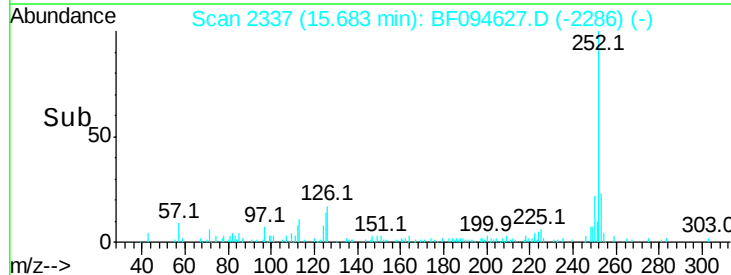
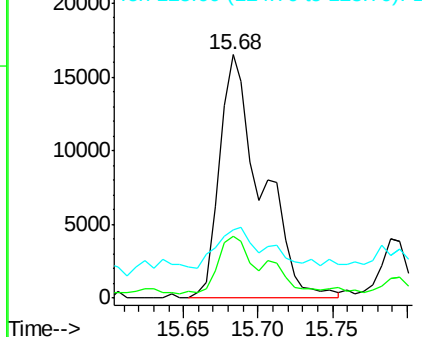


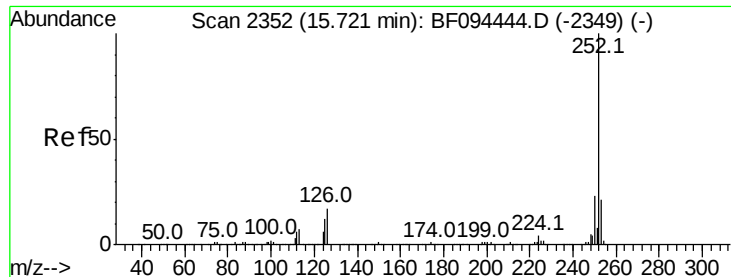
#87
Benzo(b)fluoranthene
Concen: 3.07 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094627.D
Acq: 26 Apr 2017 2:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	27.9	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.24 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.04 min

Lab File: BF094627.D

Acq: 26 Apr 2017 2:26

Instrument :

BNA_F

ClientSampleId :

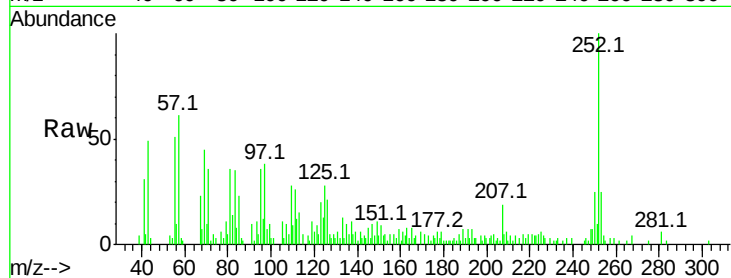
Tot Ion:252 Resp: 32370

Ion Ratio Lower Upper

252 100

253 25.4 18.4 27.6

125 27.9 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

