

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095176.D
 Acq On : 17 May 2017 1:52
 Operator : SJ/MA
 Sample : I3153-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 06:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	80504	20.00	ng	0.06
21) Naphthalene-d8	9.81	136	236915	20.00	ng	0.05
38) Acenaphthene-d10	12.61	164	1939	20.00	ng	0.03
63) Phenanthrene-d10	15.01	188	2802	20.00	ng	0.02
75) Chrysene-d12	18.72	240	184652	20.00	ng	0.06
86) Perylene-d12	20.37	264	125721	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	534132	110.62	ng	0.06
7) Phenol-d6	7.31	99	687575	118.68	ng	0.04
23) Nitrobenzene-d5	8.68	82	424590	113.01	ng	0.05
41) 2,4,6-Tribromophenol	14.09	330	54685	3443.68	ng	0.21
44) 2-Fluorobiphenyl	11.65	172	428231	3178.81	ng	0.12
78) Terphenyl-d14	17.41	244	438347	52.29	ng	0.09
Target Compounds						
9) Benzaldehyde	7.10	77	46151	13.05	ng	# 1
10) Phenol	7.34	94	17295	2.83	ng	# 16
18) Hexachloroethane	8.58	117	30830	14.39	ng	# 1
19) n-Nitroso-di-n-propylamine	8.47	70	36283	9.26	ng	# 71
22) Acetophenone	8.42	105	1093873	192.44	ng	# 48
24) Nitrobenzene	8.65	77	141411	35.91	ng	# 50
25) Isophorone	9.05	82	79668	11.88	ng	# 1
28) bis(2-Chloroethoxy)methane	9.50	93	15284	3.29	ng	# 1
29) 2,4-Dichlorophenol	9.64	162	46909	14.46	ng	# 1
31) Naphthalene	9.84	128	601655	50.53	ng	# 48
32) Benzoic acid	9.68	122	5165	7.13	ng	# 1
33) 4-Chloroaniline	9.92	127	117296	26.43	ng	# 37
35) Caprolactam	10.63	113	68230	70.04	ng	# 1
36) 4-Chloro-3-methylphenol	10.77	107	7540	2.17	ng	# 31
37) 2-Methylnaphthalene	11.07	142	2312286	295.89	ng	# 98
42) 2,4,6-Trichlorophenol	11.51	196	2118	53.20	ng	# 31
43) 2,4,5-Trichlorophenol	11.51	196	2118	49.50	ng	# 1
45) 1,1'-Biphenyl	11.80	154	734666	4500.16	ng	# 95
46) 2-Chloronaphthalene	11.71	162	441	3.35	ng	# 1
47) 2-Nitroaniline	11.92	65	4328	119.96	ng	# 44
48) Acenaphthylene	12.41	152	62390	302.17	ng	# 1
49) Dimethylphthalate	12.19	163	2122	13.33	ng	# 5
50) 2,6-Dinitrotoluene	12.34	165	26883	827.81	ng	# 76
51) Acenaphthene	12.56	154	59861	485.40	ng	# 2
52) 3-Nitroaniline	12.61	138	7279	208.83	ng	# 17
53) 2,4-Dinitrophenol	12.79	184	434	28.62	ng	# 1
54) Dibenzofuran	12.89	168	201420	1180.27	ng	# 91
55) 4-Nitrophenol	13.01	139	173015	8264.45	ng	# 43
56) 2,4-Dinitrotoluene	12.91	165	125044	2996.54	ng	# 71
57) Fluorene	13.52	166	45091	303.87	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	13.20	232	676	25.10	ng	# 31
59) Diethylphthalate	13.39	149	9138	59.89	ng	# 1
60) 4-Chlorophenyl-phenylether	13.42	204	64810	993.76	ng	# 54
61) 4-Nitroaniline	13.55	138	39426	1232.13	ng	# 63

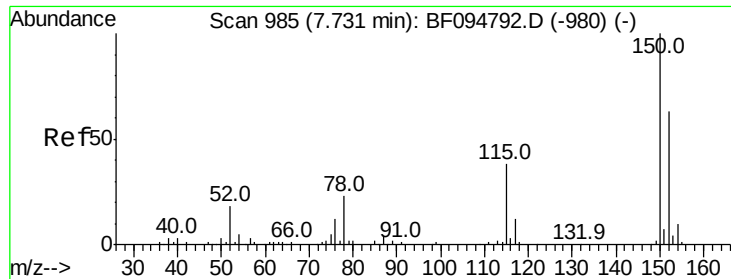
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095176.D
 Acq On : 17 May 2017 1:52
 Operator : SJ/MA
 Sample : I3153-02
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Quant Time: May 17 06:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	13.72	77	63175	515.29	nq	# 1
64) 4,6-Dinitro-2-methylphenol	13.65	198	1041	55.42	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	155960	1533.60	nq	# 64
66) 4-Bromophenyl-phenylether	14.31	248	346	11.69	nq	# 1
68) Atrazine	14.69	200	4001	139.34	nq	# 1
69) Pentachlorophenol	14.74	266	1038	75.99	nq	# 54
70) Phenanthrene	15.22	178	1298285	8064.16	nq	# 95
71) Anthracene	15.22	178	1298285	7894.61	nq	# 96
72) Carbazole	15.41	167	49725	332.32	nq	# 4
73) Di-n-butylphthalate	15.90	149	18929	101.44	nq	# 1
74) Fluoranthene	16.78	202	20297	122.90	nq	# 1
76) Benzidine	17.05	184	5321	7.51	nq	# 1
77) Pyrene	17.16	202	30812	2.23	nq	# 19

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

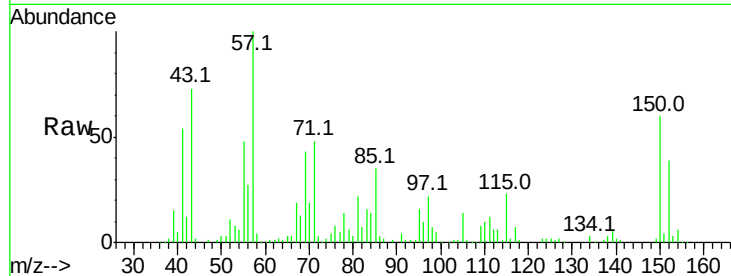


#1

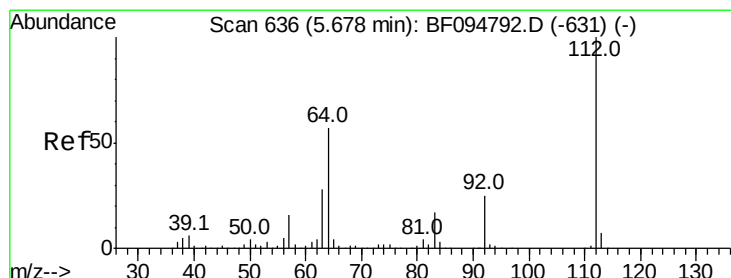
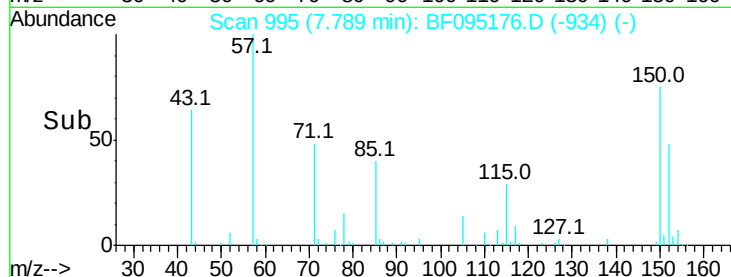
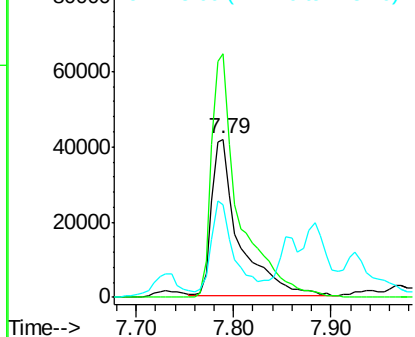
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 995
Delta R.T. 0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 80504
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 58.4 52.2 78.2



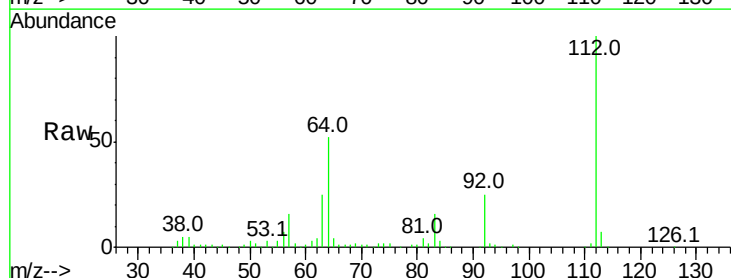
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



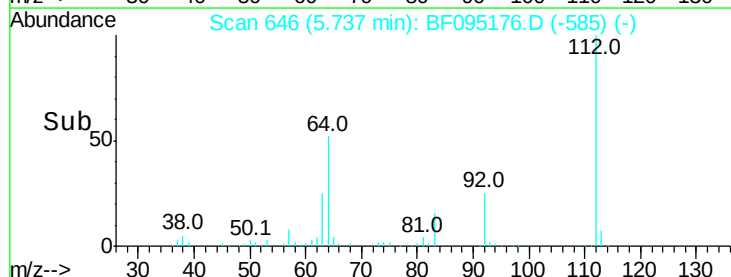
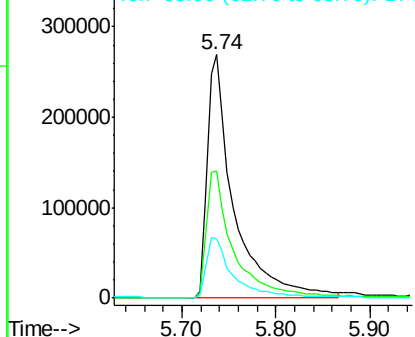
#5

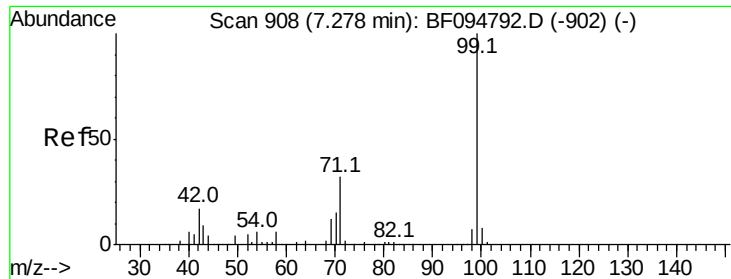
2-Fluorophenol
Concen: 110.62 ng
RT: 5.74 min Scan# 646
Delta R.T. 0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:112 Resp: 534132
Ion Ratio Lower Upper
112 100
64 52.0 46.0 69.0
63 24.6 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: 118.68 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.04 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampled :

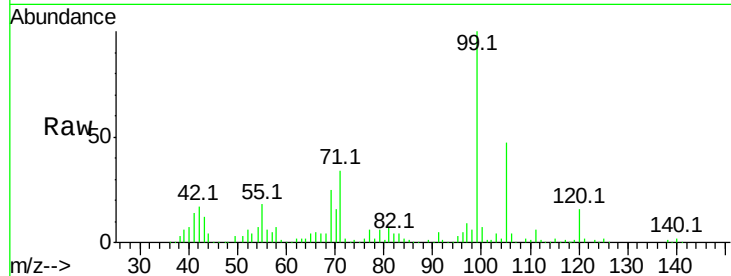
Tot Ion: 99 Resp: 687575

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

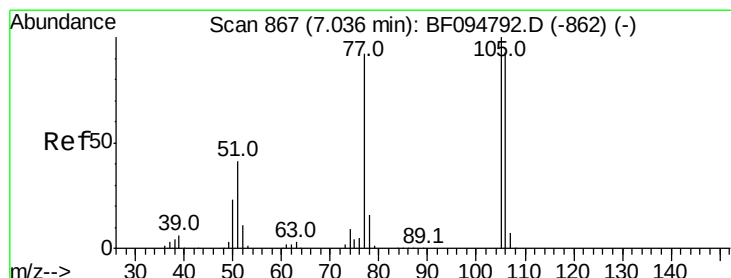
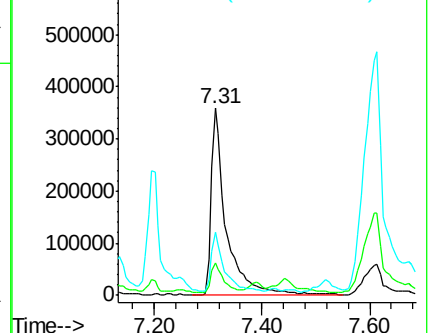
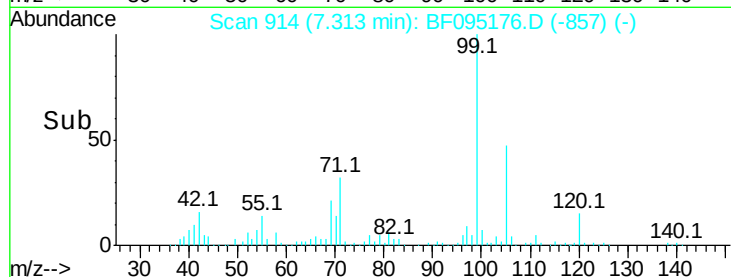
71 33.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 13.05 ng

RT: 7.10 min Scan# 878

Delta R.T. 0.06 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

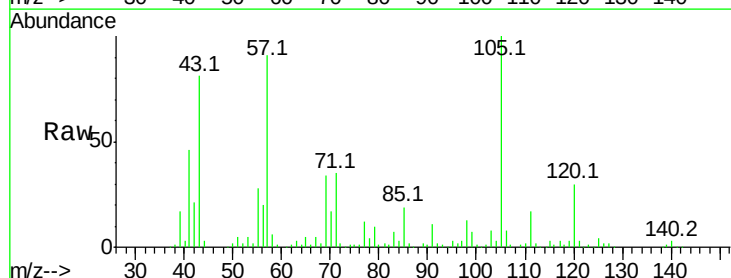
Tgt Ion: 77 Resp: 46151

Ion Ratio Lower Upper

77 100

105 842.6 83.8 123.8#

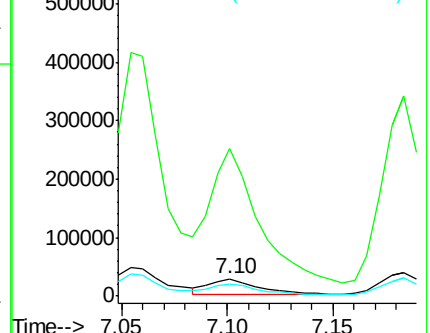
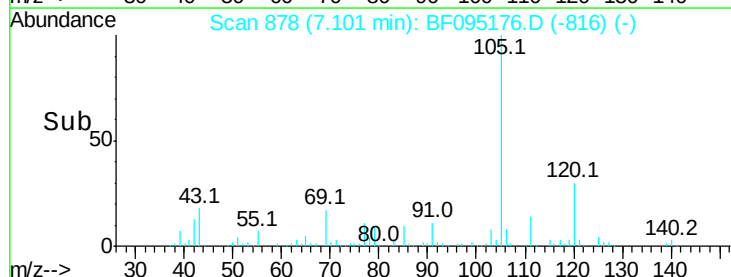
106 69.0 79.1 119.1#

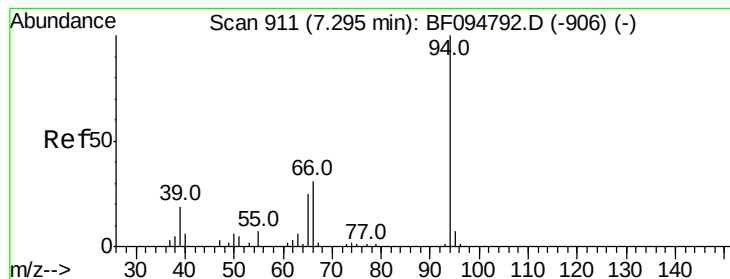


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.83 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampled :

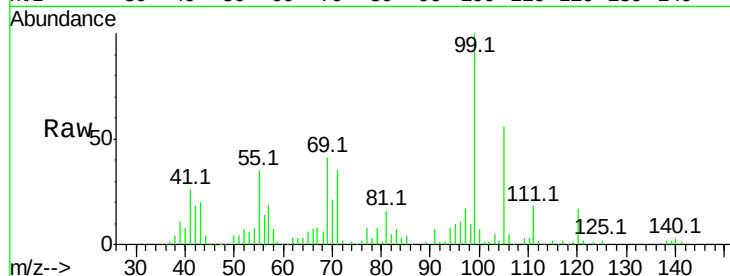
Tot Ion: 94 Resp: 17295

Ion Ratio Lower Upper

94 100

65 80.2 9.9 49.9#

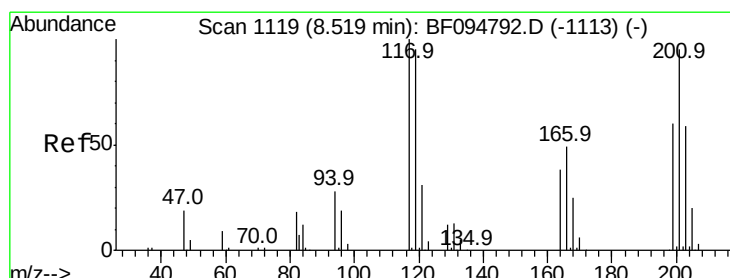
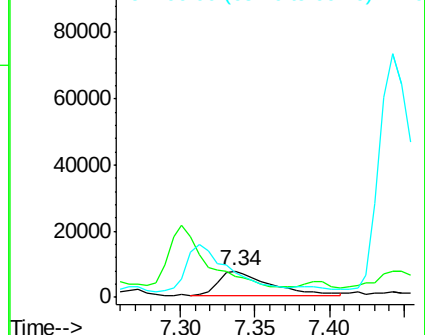
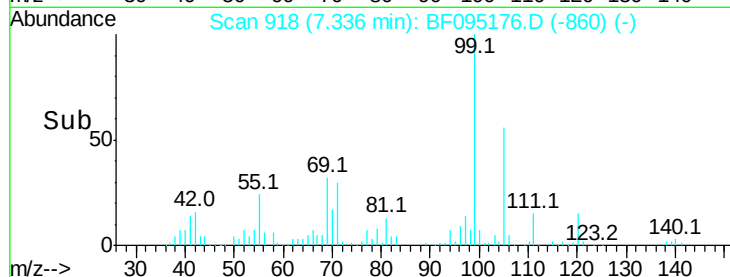
66 92.9 23.1 63.1#



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



#18

Hexachloroethane

Concen: 14.39 ng

RT: 8.58 min Scan# 1130

Delta R.T. 0.06 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

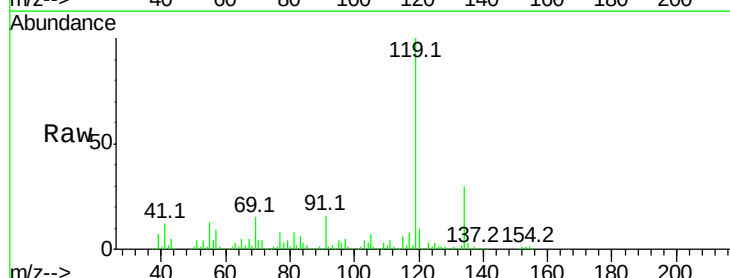
Tgt Ion: 117 Resp: 30830

Ion Ratio Lower Upper

117 100

119 1267.3 77.4 116.0#

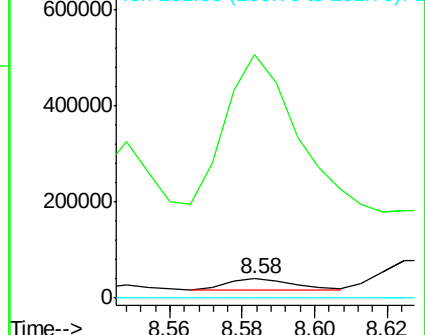
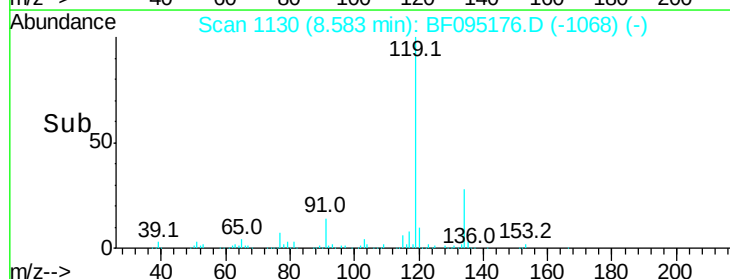
201 0.0 94.6 141.8#

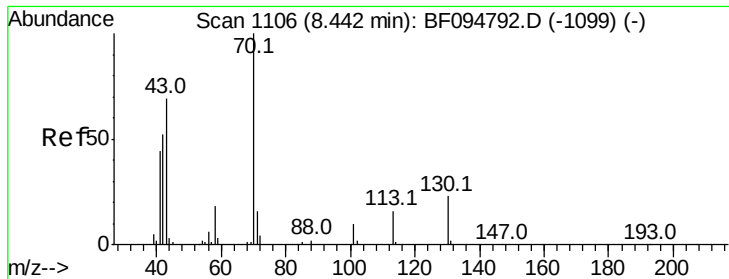


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 9.26 ng

RT: 8.47 min Scan# 1110

Delta R.T. 0.02 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 36283

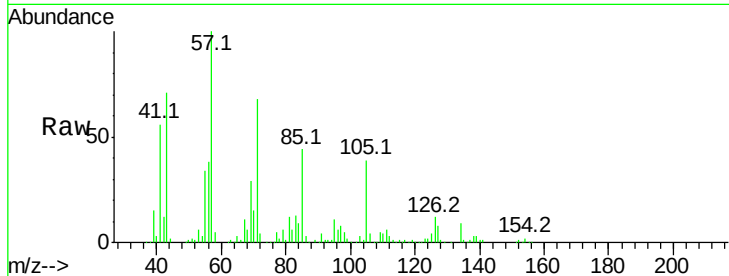
Ion Ratio Lower Upper

70 100

42 77.5 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

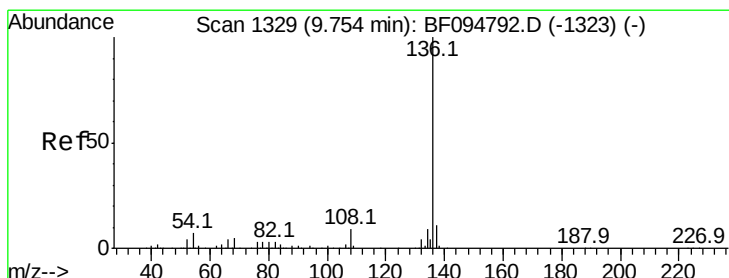
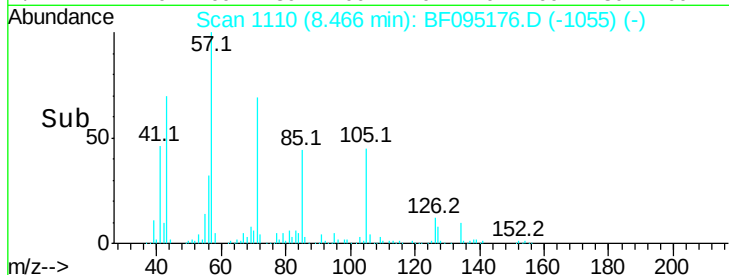
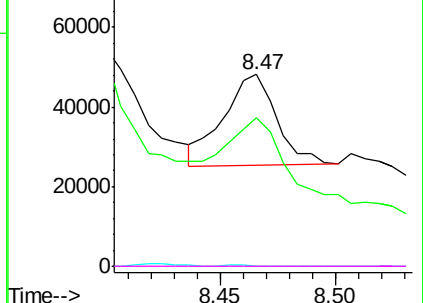


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.81 min Scan# 1338

Delta R.T. 0.05 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Tgt Ion: 136 Resp: 236915

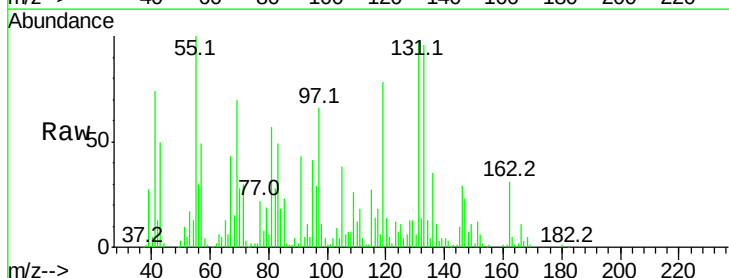
Ion Ratio Lower Upper

136 100

137 31.1 8.5 12.7#

54 35.6 4.9 7.3#

68 42.6 4.1 6.1#

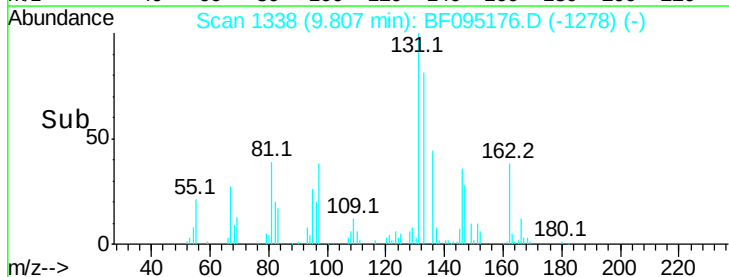
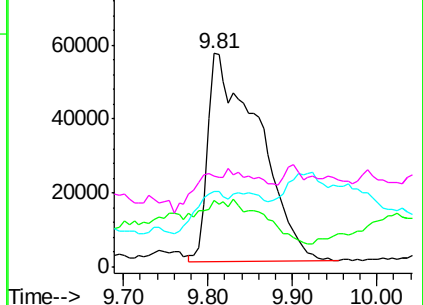


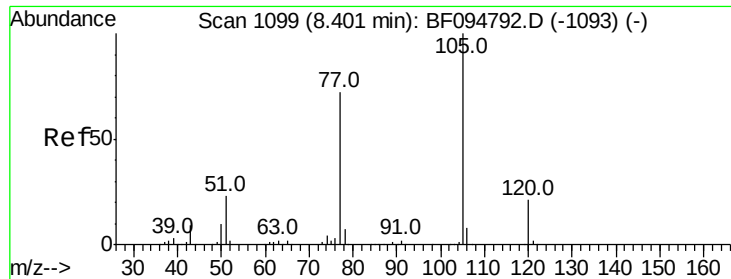
Abundance Ion 136.00 (135.70 to 136.70): BF0

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

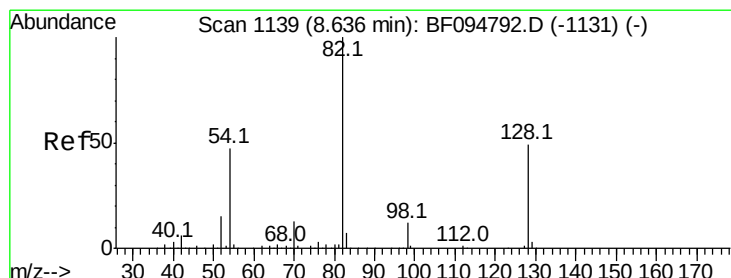
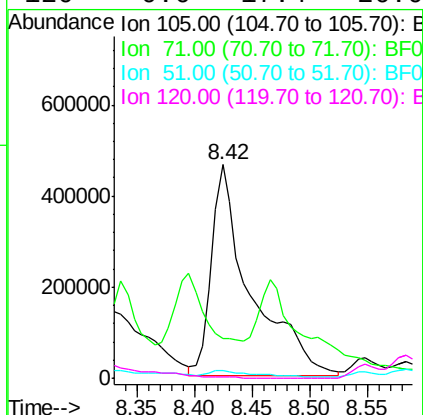
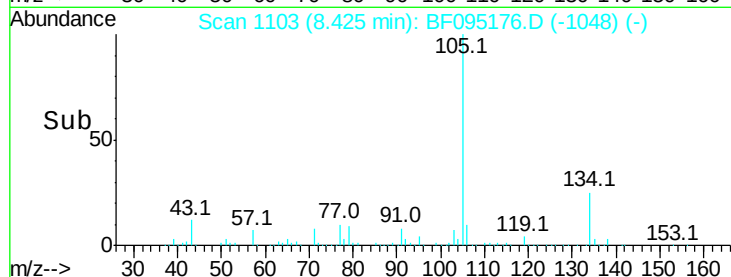
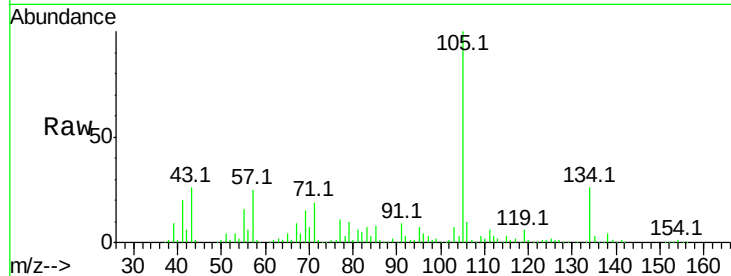




#22
Acetophenone
Concen: 192.44 ng
RT: 8.42 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

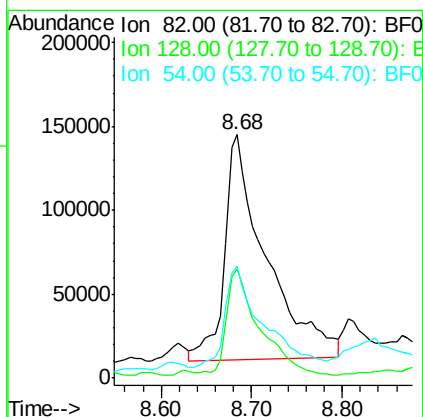
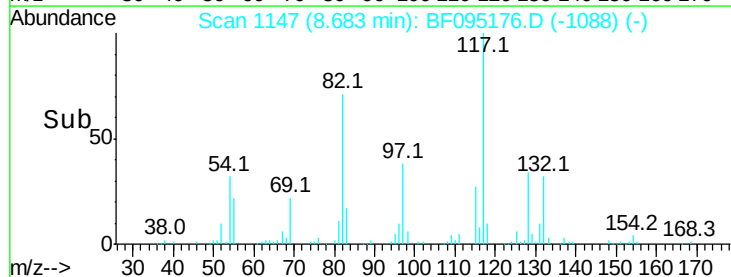
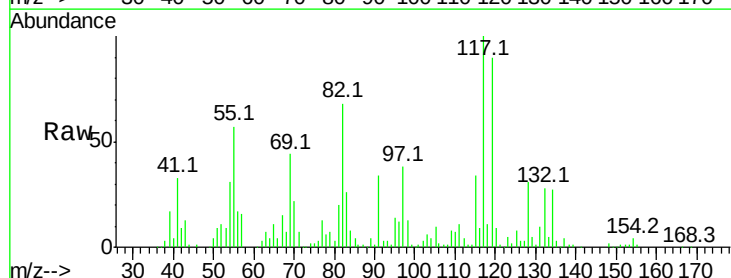
Instrument :
BNA_F
ClientSampleId :

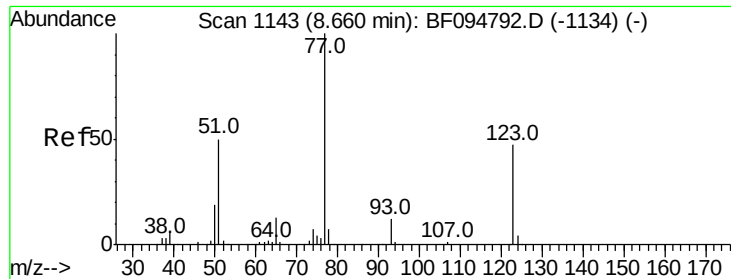
Tot Ion:105 Resp: 1093873
Ion Ratio Lower Upper
105 100
71 18.8 2.8 4.2#
51 3.9 30.7 46.1#
120 0.6 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 113.01 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion: 82 Resp: 424590
Ion Ratio Lower Upper
82 100
128 45.0 34.0 51.0
54 45.8 42.2 63.2

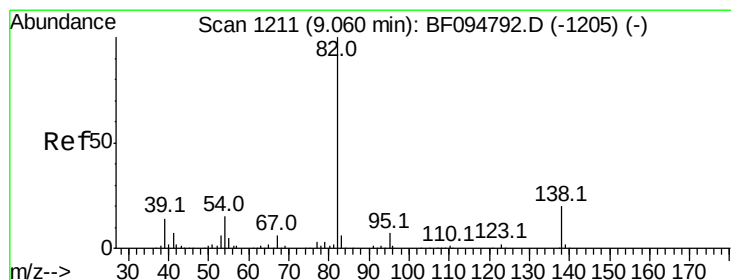
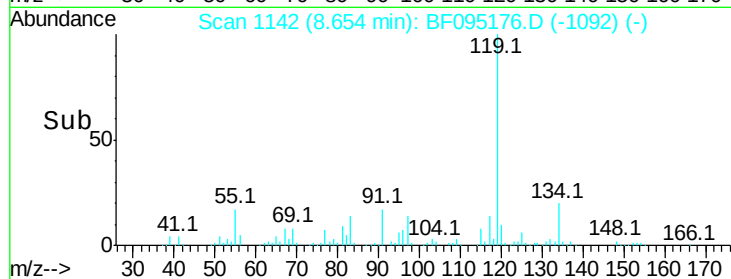
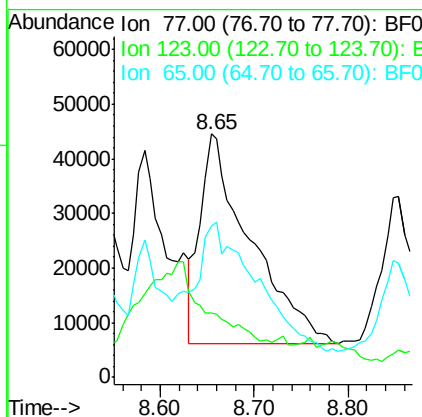
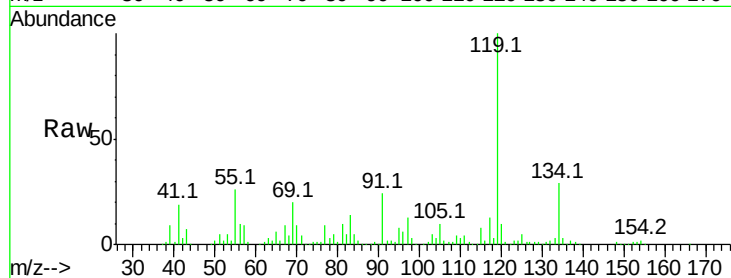




#24
 Nitrobenzene
 Concen: 35.91 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

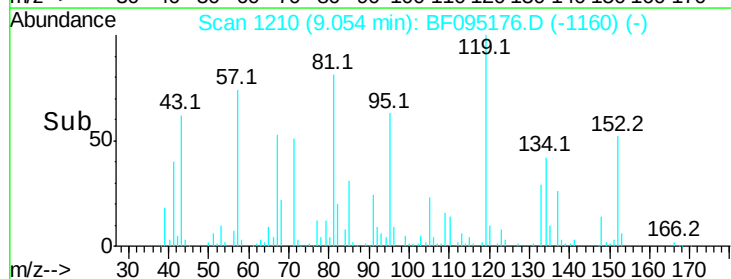
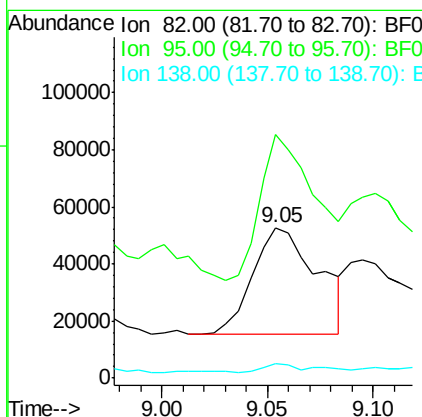
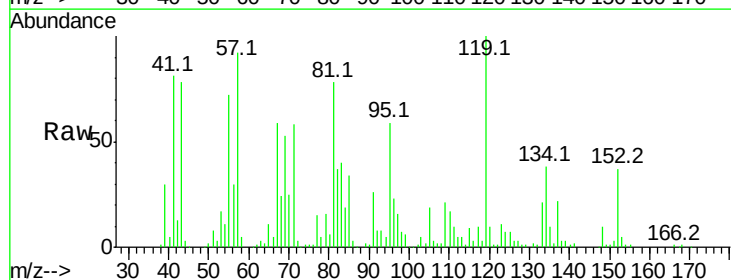
Instrument :
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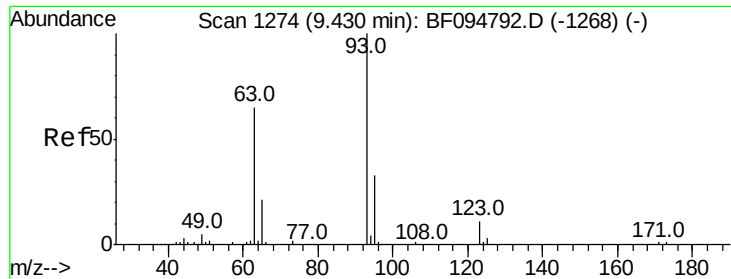
Tot Ion: 77 Resp: 141411
 Ion Ratio Lower Upper
 77 100
 123 26.5 35.8 53.8#
 65 62.1 10.6 15.8#



#25
 Isophorone
 Concen: 11.88 ng
 RT: 9.05 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion: 82 Resp: 79668
 Ion Ratio Lower Upper
 82 100
 95 161.9 5.3 7.9#
 138 9.2 13.1 19.7#

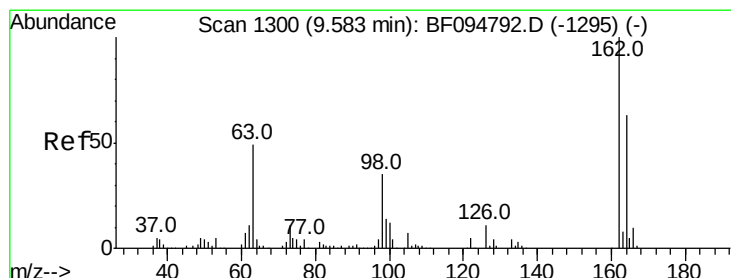
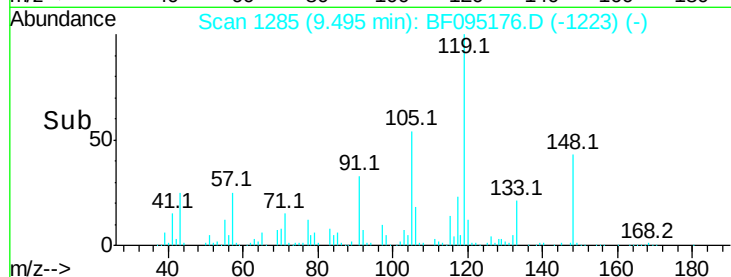
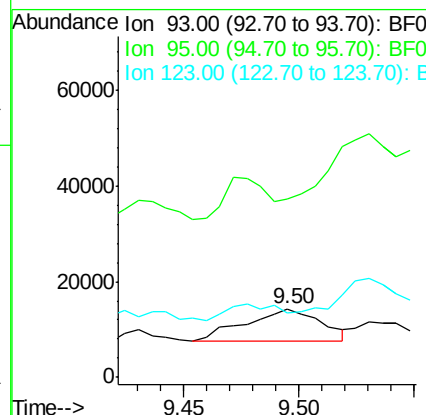
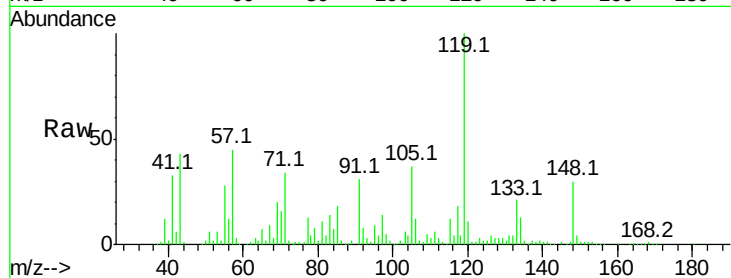




#28
bis(2-Chloroethoxy)methane
Concen: 3.29 ng
RT: 9.50 min Scan# 1285
Delta R.T. 0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

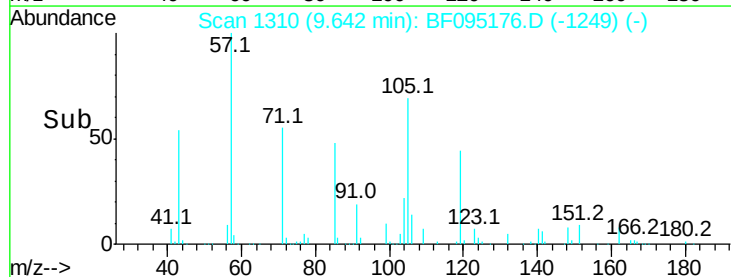
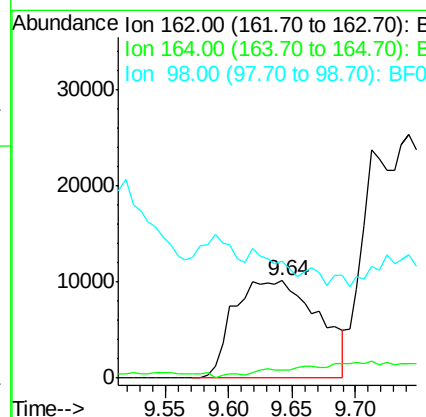
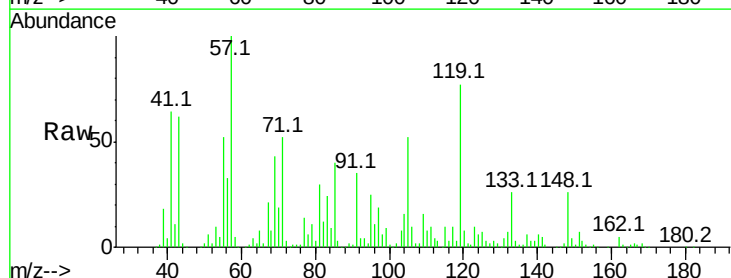
Instrument :
BNA_F
ClientSampleId :

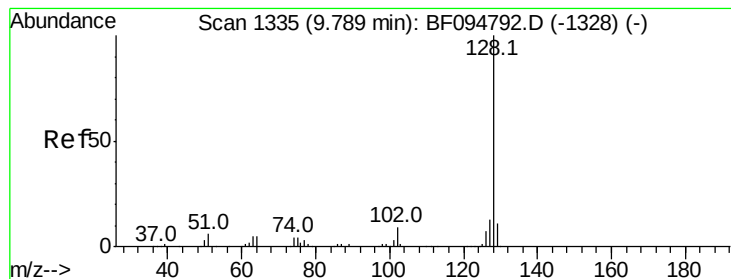
Tot Ion: 93 Resp: 15284
Ion Ratio Lower Upper
93 100
95 260.2 26.5 39.7#
123 94.4 9.0 13.4#



#29
2,4-Dichlorophenol
Concen: 14.46 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:162 Resp: 46909
Ion Ratio Lower Upper
162 100
164 7.9 44.6 84.6#
98 120.5 14.8 54.8#





#31

Naphthalene

Concen: 50.53 ng

RT: 9.84 min Scan# 1344

Delta R.T. 0.05 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

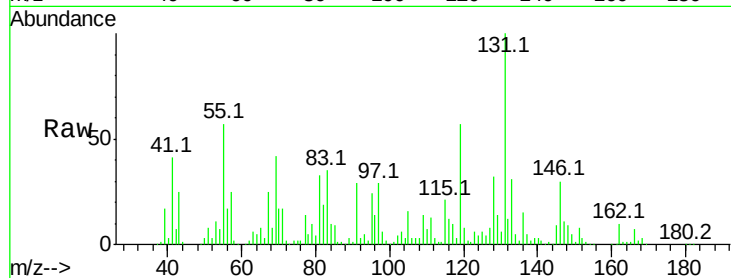
Tot Ion:128 Resp: 601655

Ion Ratio Lower Upper

128 100

129 43.7 9.0 13.6#

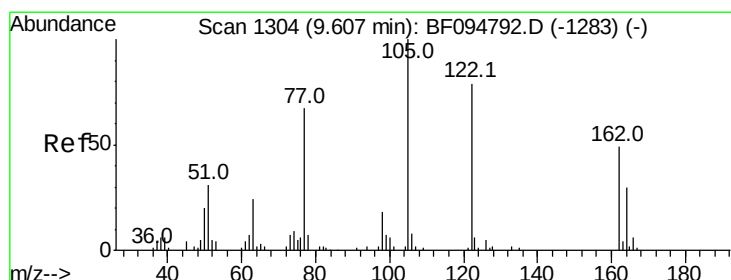
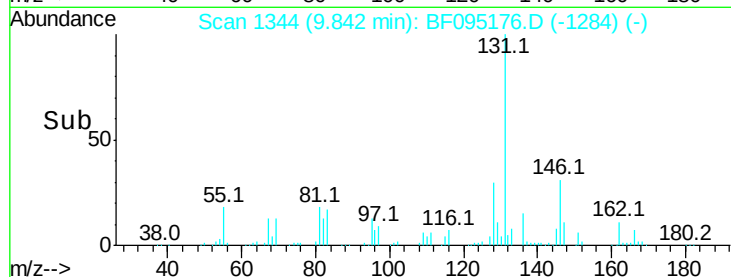
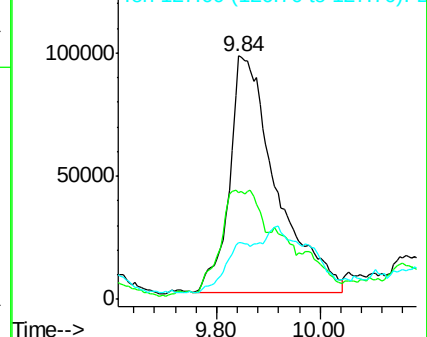
127 23.1 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.13 ng

RT: 9.68 min Scan# 1317

Delta R.T. 0.08 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

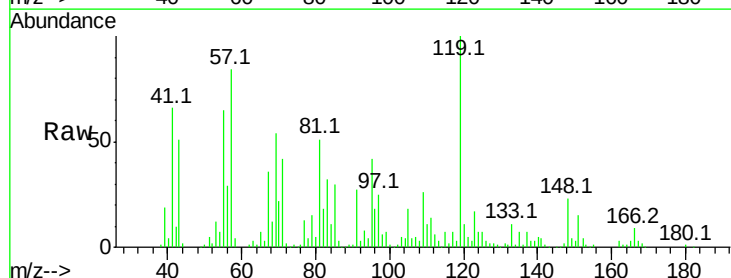
Tgt Ion:122 Resp: 5165

Ion Ratio Lower Upper

122 100

105 609.2 103.3 143.3#

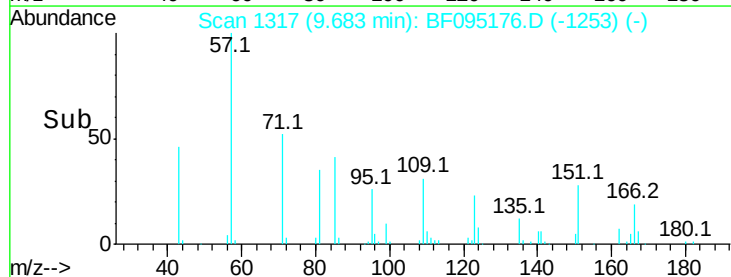
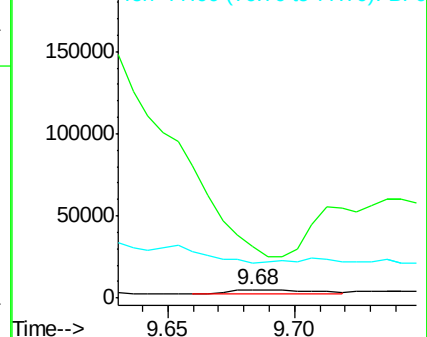
77 417.0 73.7 113.7#

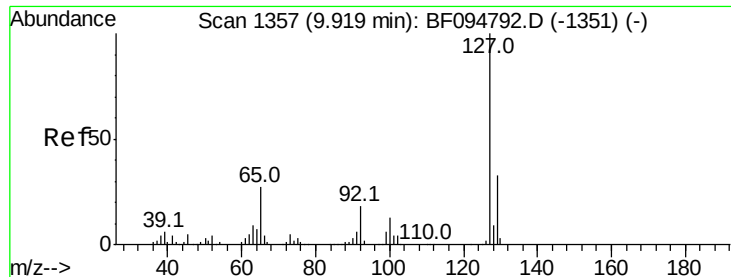


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

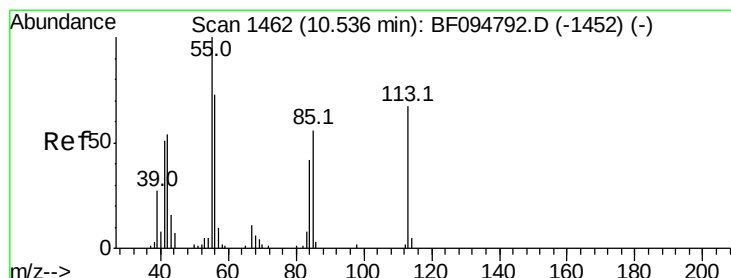
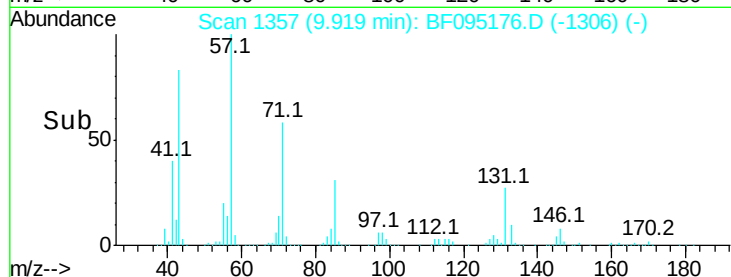
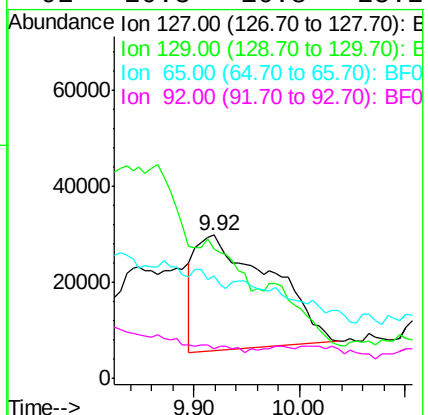
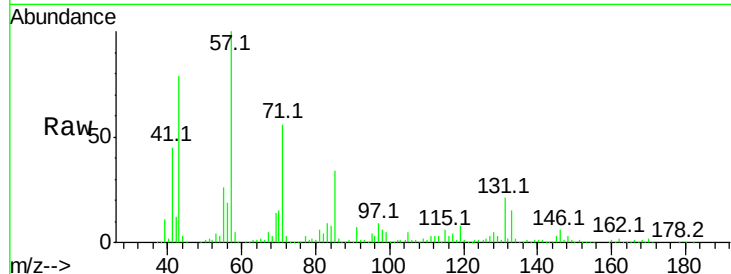




#33
4-Chloroaniline
Concen: 26.43 ng
RT: 9.92 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

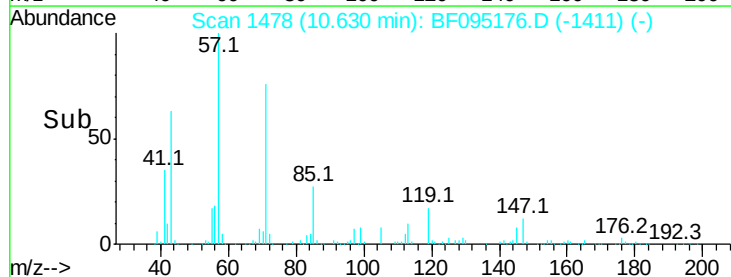
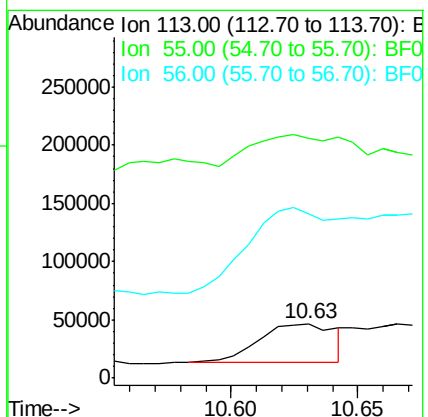
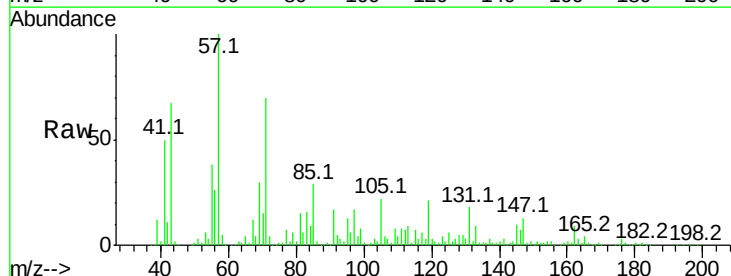
Instrument :
BNA_F
ClientSampleId :

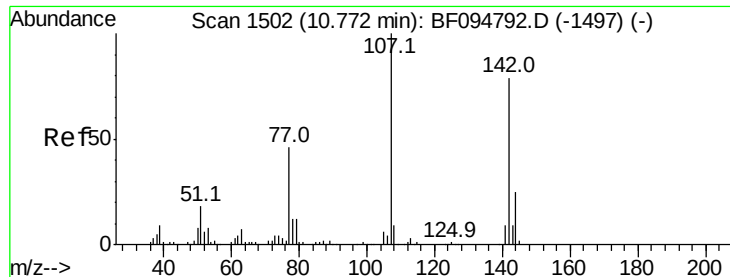
Tot Ion:127	Resp:	117296
Ion Ratio	Lower	Upper
127	100	
129	90.5	26.2 39.2#
65	71.3	27.8 41.8#
92	20.3	16.8 25.2



#35
Caprolactam
Concen: 70.04 ng
RT: 10.63 min Scan# 1478
Delta R.T. 0.09 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:113	Resp:	68230
Ion Ratio	Lower	Upper
113	100	
55	438.9	150.2 190.2#
56	300.3	107.8 147.8#

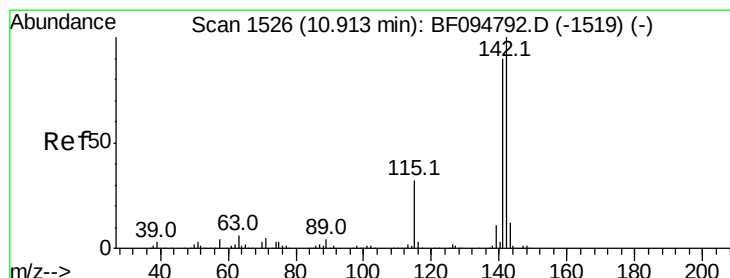
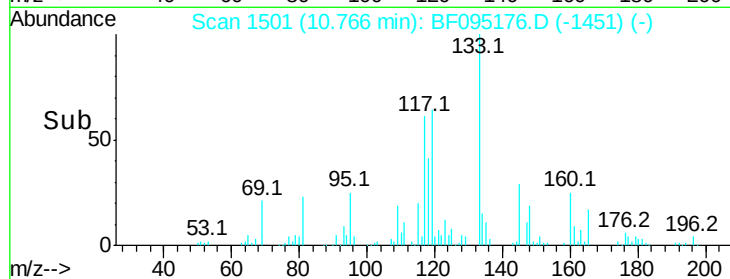
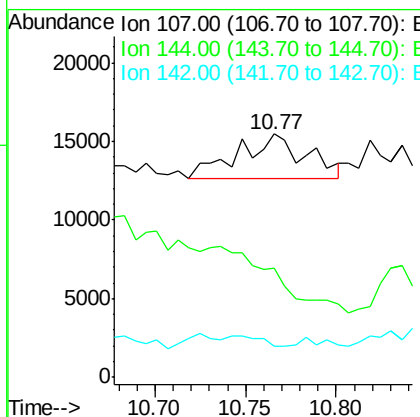
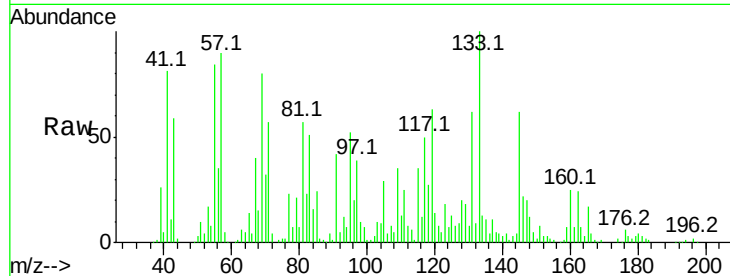




#36
 4-Chloro-3-methylphenol
 Concen: 2.17 ng
 RT: 10.77 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

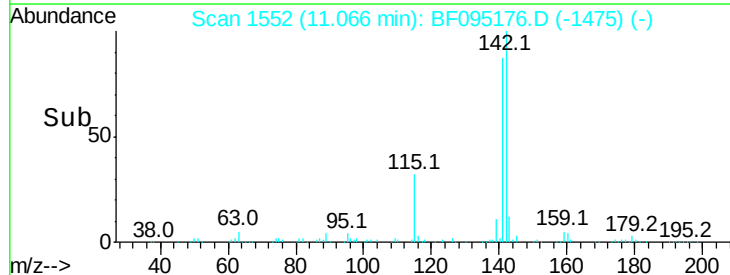
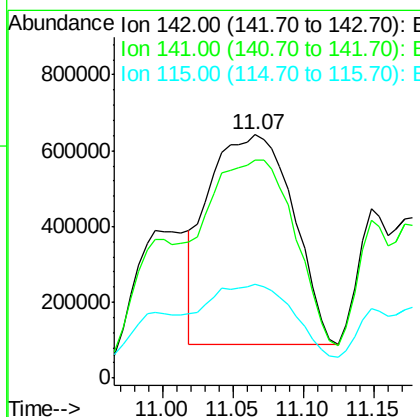
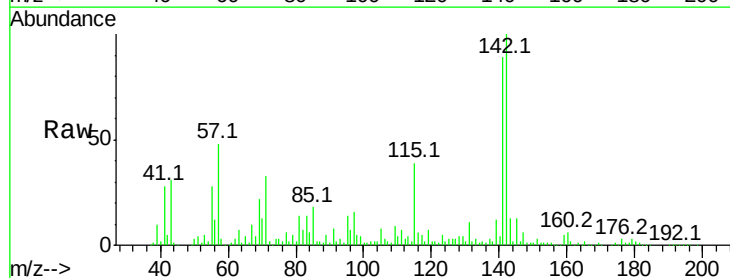
Instrument :
 BNA_F
 ClientSampleId :

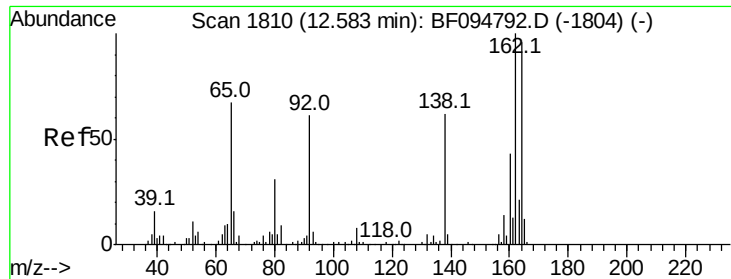
Tot Ion:107 Resp: 7540
 Ion Ratio Lower Upper
 107 100
 144 44.7 24.2 36.4#
 142 12.7 73.4 110.0#



#37
 2-Methylnaphthalene
 Concen: 295.89 ng
 RT: 11.07 min Scan# 1552
 Delta R.T. 0.15 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion:142 Resp: 2312286
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 38.5 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. 0.03 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampled :

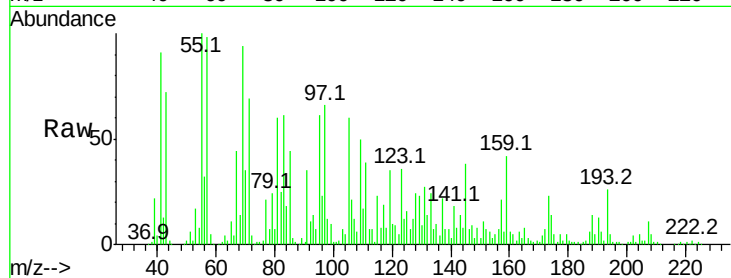
Tot Ion:164 Resp: 1939

Ion Ratio Lower Upper

164 100

162 75.6 82.6 123.8#

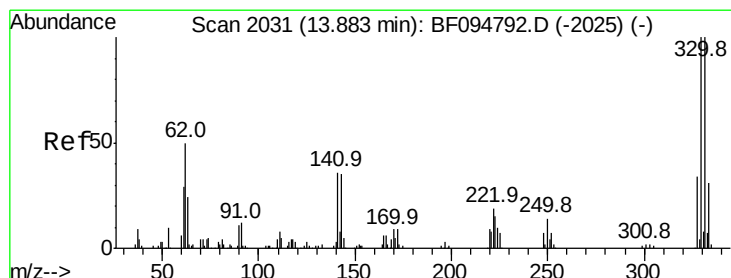
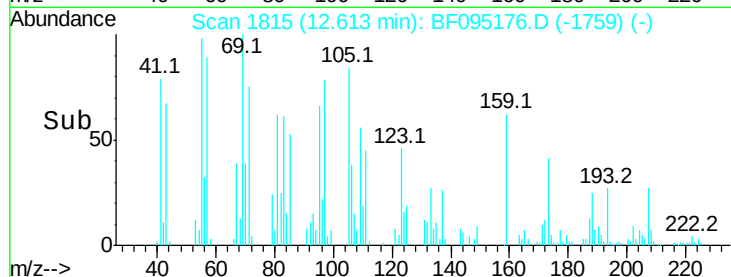
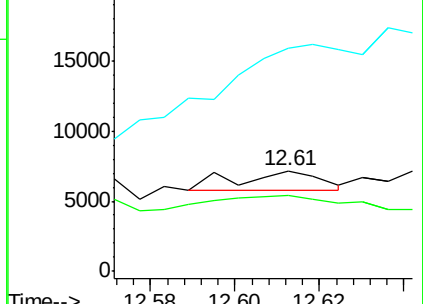
160 221.8 36.2 54.2#



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: 3443.68 ng

RT: 14.09 min Scan# 2066

Delta R.T. 0.21 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

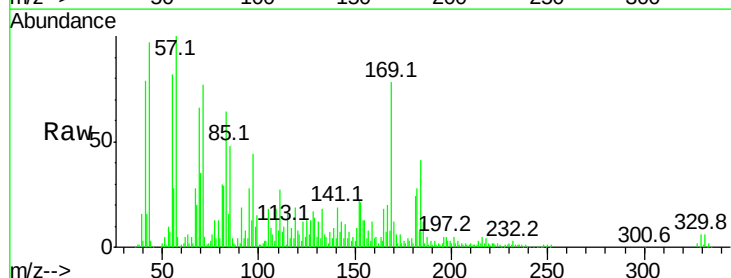
Tgt Ion:330 Resp: 54685

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

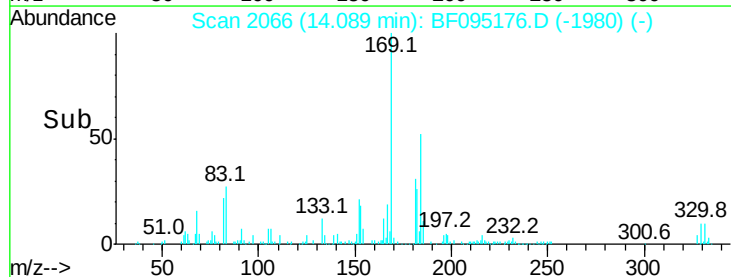
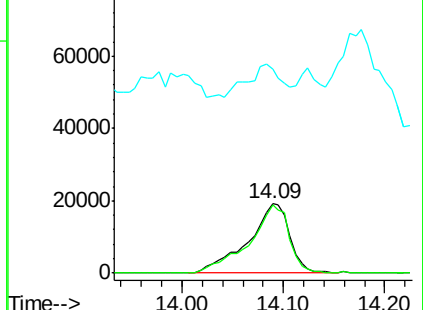
141 35.8 31.4 47.2

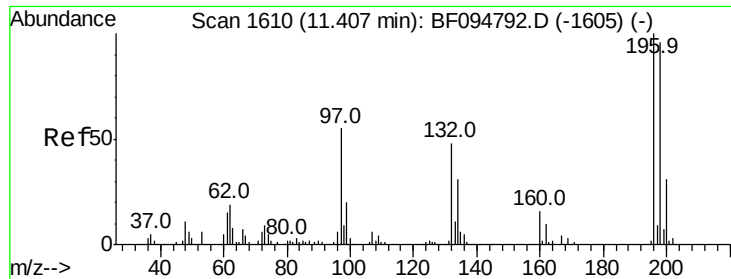


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

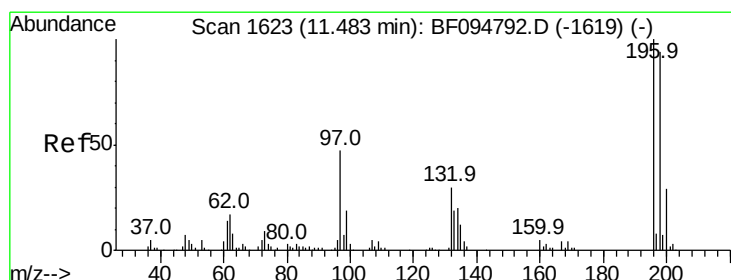
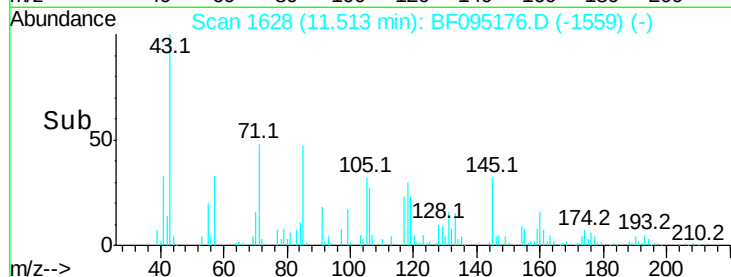
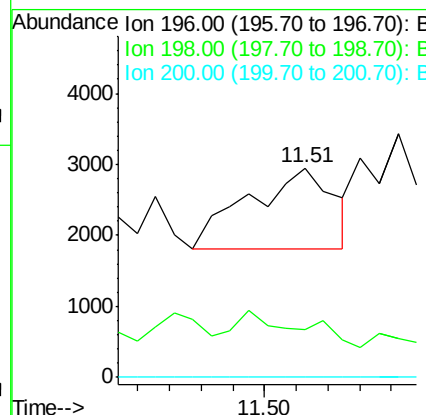
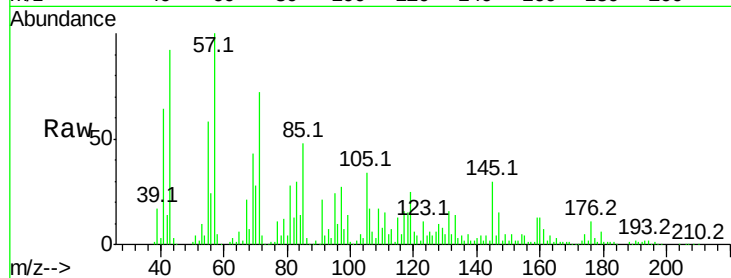




#42
 2,4,6-Trichlorophenol
 Concen: 53.20 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. 0.11 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

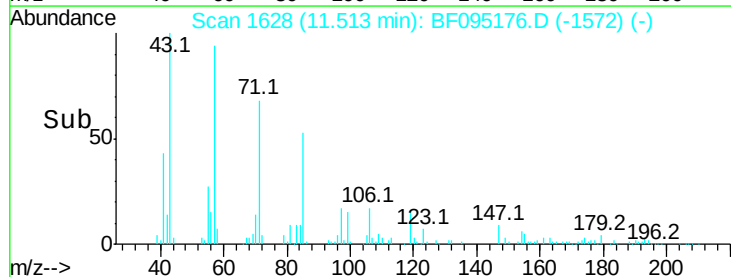
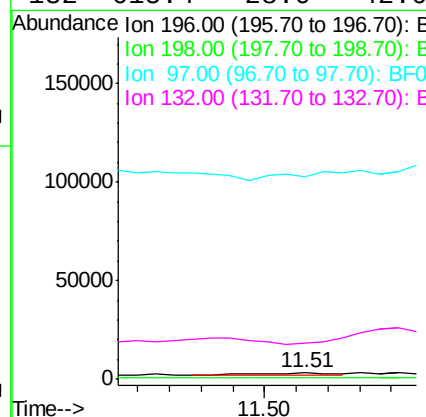
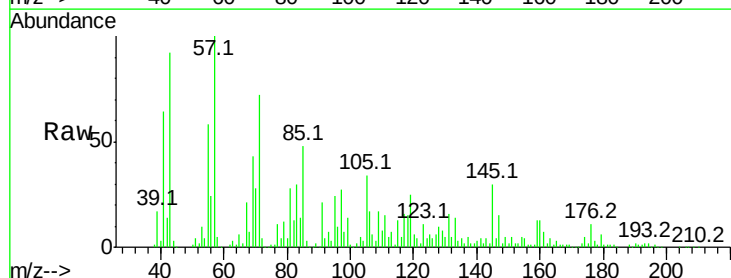
Instrument :
 BNA_F
 ClientSampleId :

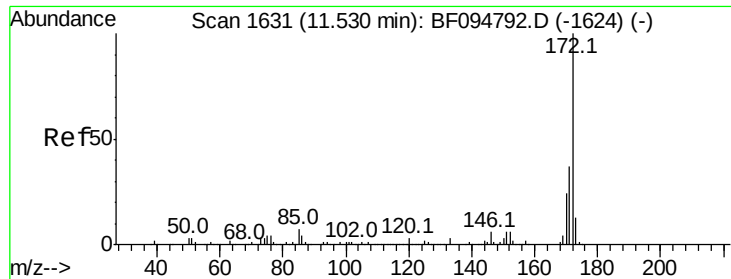
Tot Ion:196 Resp: 2118
 Ion Ratio Lower Upper
 196 100
 198 22.9 74.2 111.4#
 200 0.0 24.0 36.0#



#43
 2,4,5-Trichlorophenol
 Concen: 49.50 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. 0.03 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion:196 Resp: 2118
 Ion Ratio Lower Upper
 196 100
 198 22.9 75.7 113.5#
 97 3496.7 47.7 71.5#
 132 615.4 28.0 42.0#

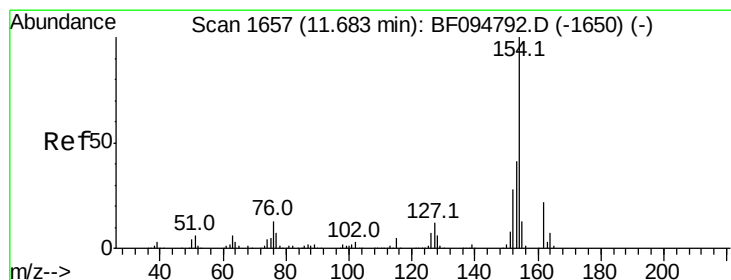
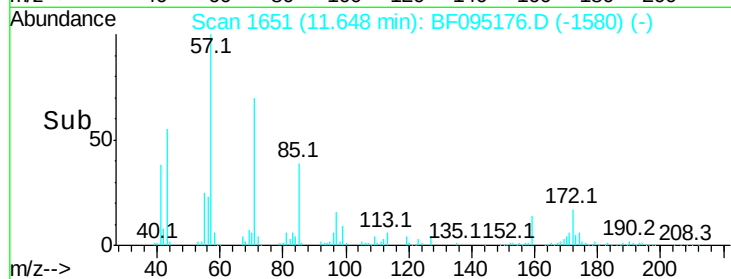
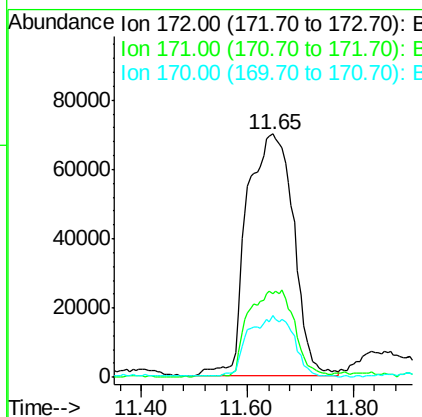
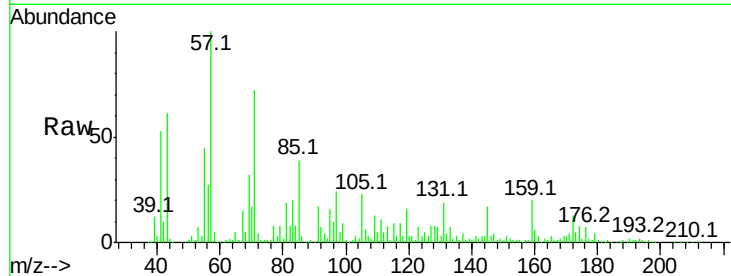




#44
2-Fluorobiphenyl
Concen: 3178.81 ng
RT: 11.65 min Scan# 1651
Delta R.T. 0.12 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

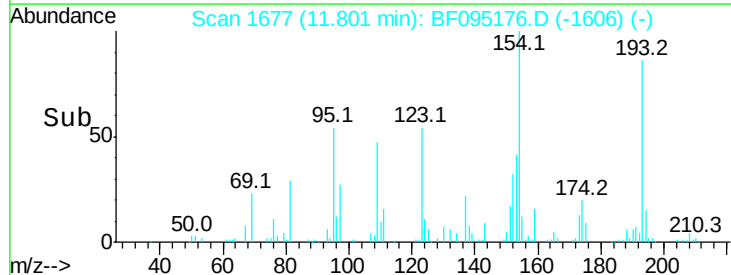
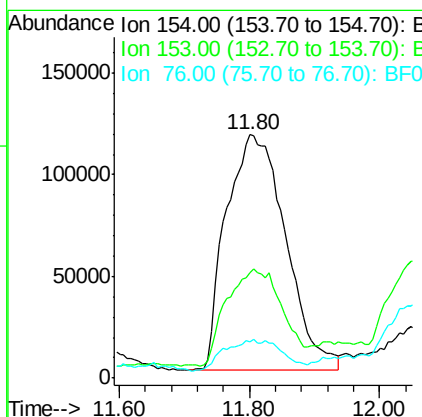
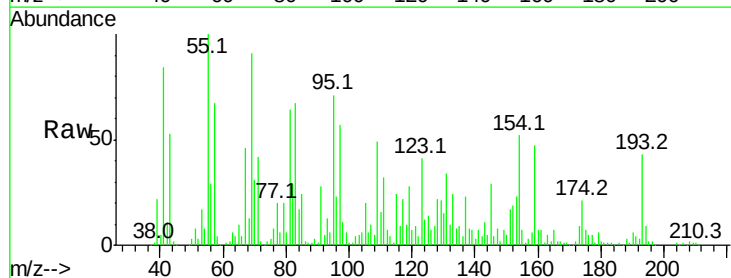
Instrument :
BNA_F
ClientSampleId :

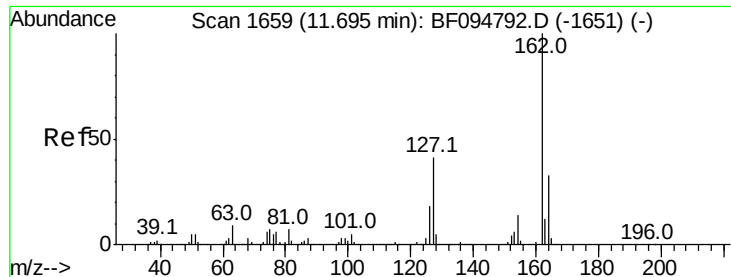
Tot Ion:172 Resp: 428231
Ion Ratio Lower Upper
172 100
171 34.3 29.6 44.4
170 25.2 19.8 29.8



#45
1,1'-Biphenyl
Concen: 4500.16 ng
RT: 11.80 min Scan# 1677
Delta R.T. 0.12 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:154 Resp: 734666
Ion Ratio Lower Upper
154 100
153 43.4 21.2 61.2
76 14.7 0.0 29.9

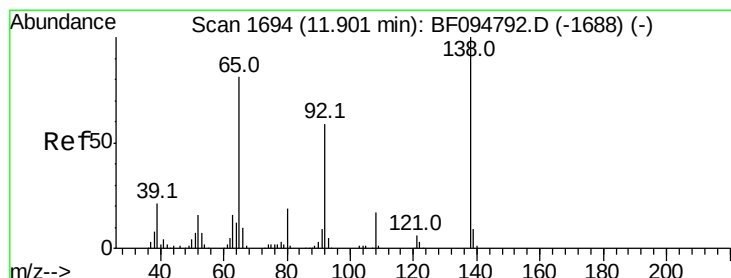
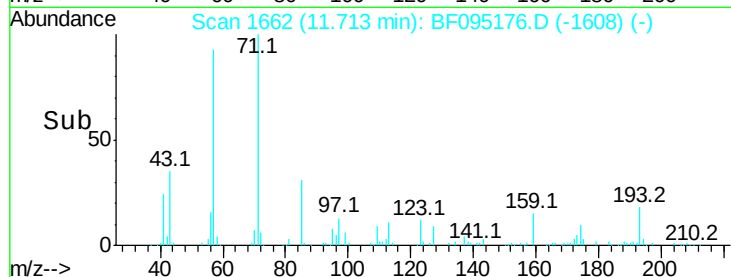
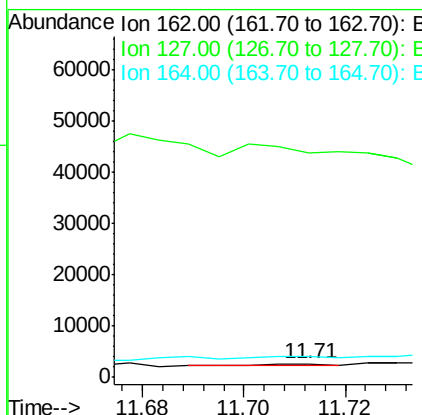
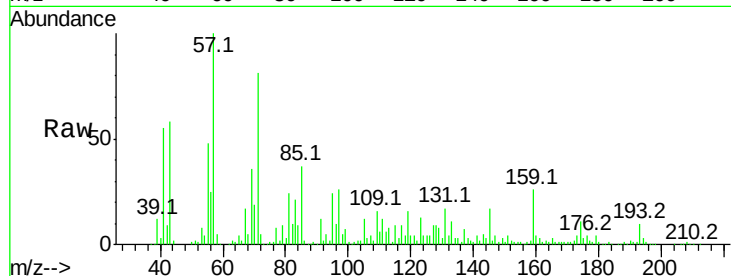




#46
 2-Chloronaphthalene
 Concen: 3.35 ng
 RT: 11.71 min Scan# 1662
 Delta R.T. 0.02 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

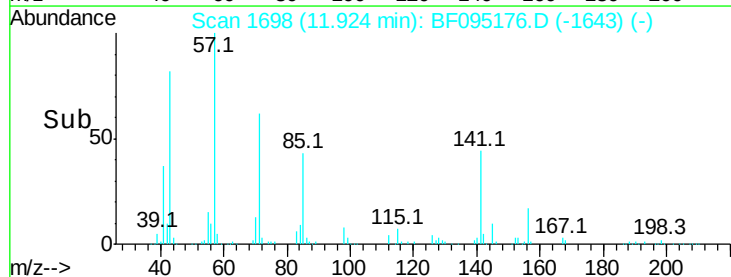
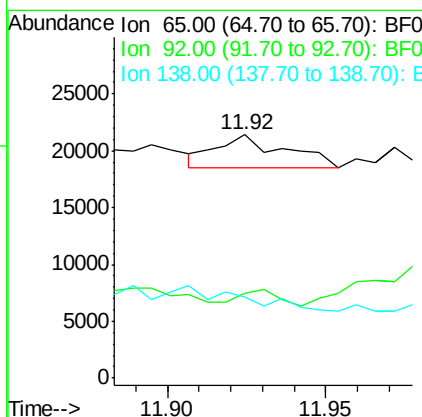
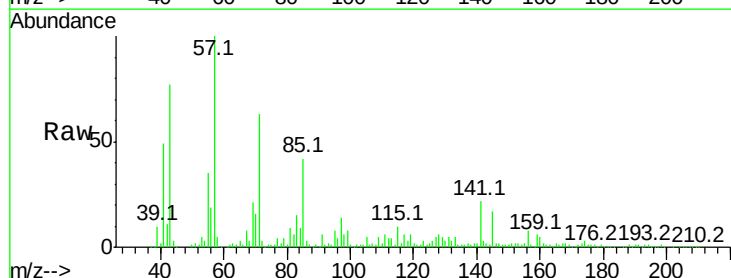
Instrument :
 BNA_F
 ClientSampleId :

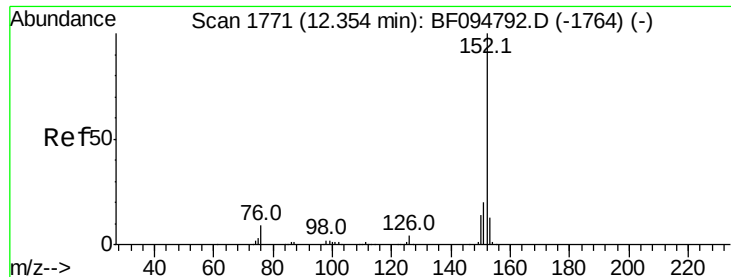
Tot Ion:162 Resp: 441
 Ion Ratio Lower Upper
 162 100
 127 1650.4 28.3 42.5#
 164 157.1 27.0 40.4#



#47
 2-Nitroaniline
 Concen: 119.96 ng
 RT: 11.92 min Scan# 1698
 Delta R.T. 0.02 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion: 65 Resp: 4328
 Ion Ratio Lower Upper
 65 100
 92 35.0 53.9 80.9#
 138 33.1 78.8 118.2#





#48

Acenaphthylene

Concen: 302.17 ng

RT: 12.41 min Scan# 1781

Delta R.T. 0.06 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

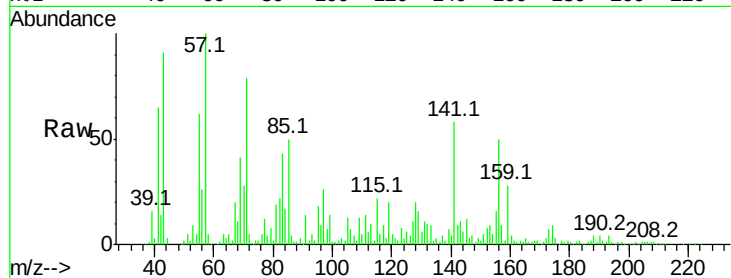
Tot Ion:152 Resp: 62390

Ion Ratio Lower Upper

152 100

151 56.3 16.8 25.2#

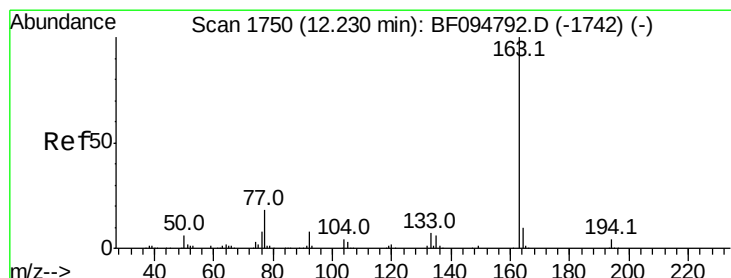
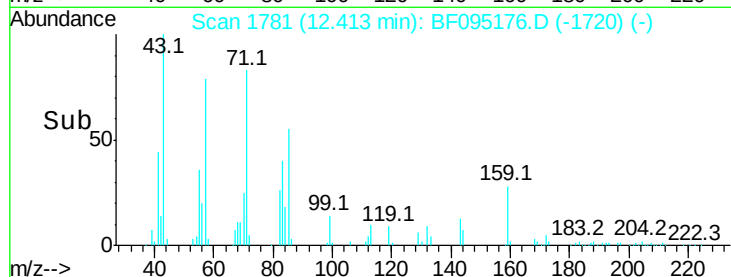
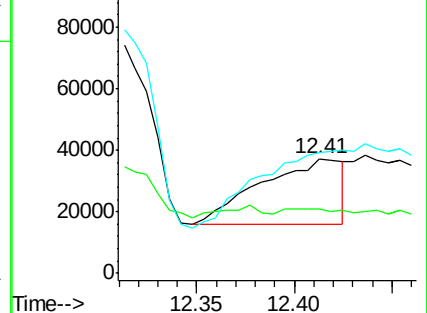
153 104.9 10.8 16.2#



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: 13.33 ng

RT: 12.19 min Scan# 1744

Delta R.T. -0.04 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

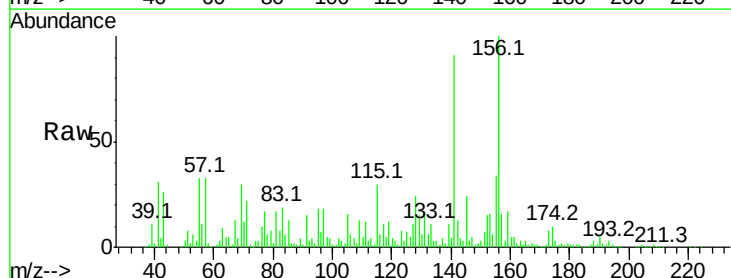
Tgt Ion:163 Resp: 2122

Ion Ratio Lower Upper

163 100

194 47.0 2.6 4.0#

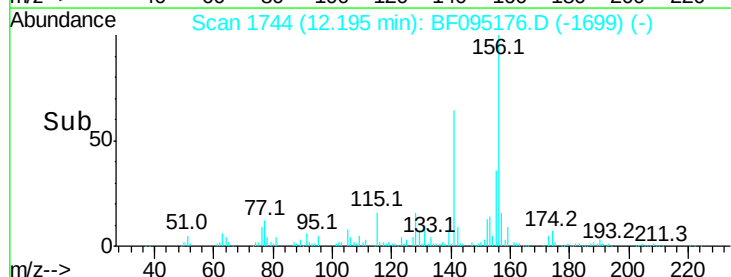
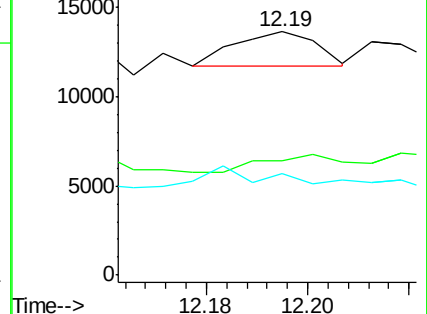
164 41.5 8.4 12.6#

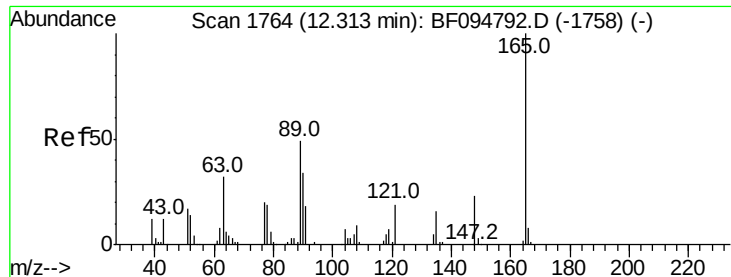


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

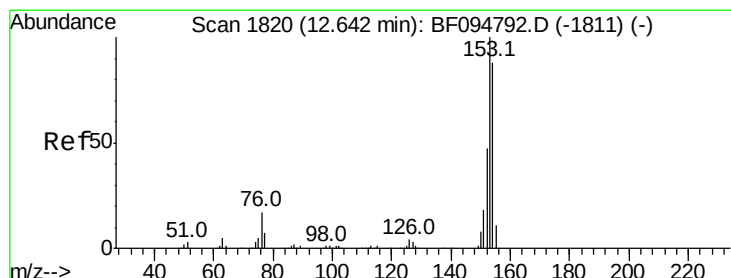
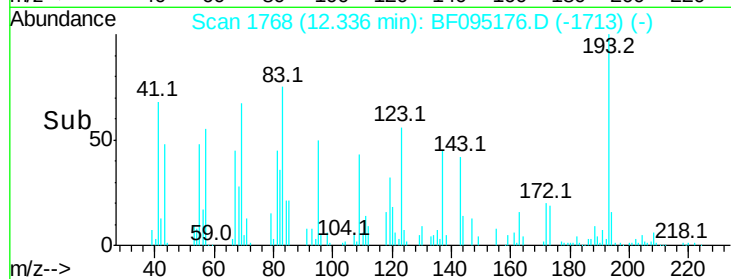
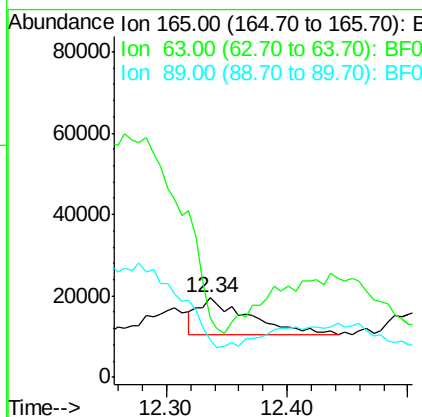
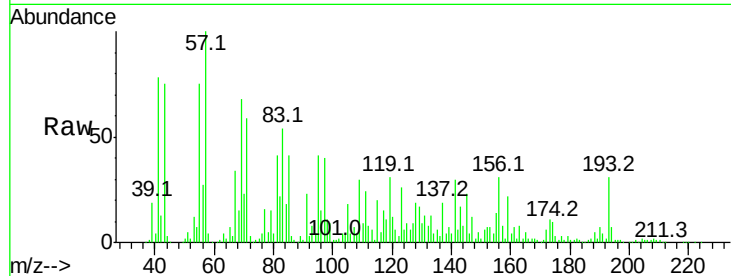




#50
 2,6-Dinitrotoluene
 Concen: 827.81 ng
 RT: 12.34 min Scan# 1768
 Delta R.T. 0.02 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

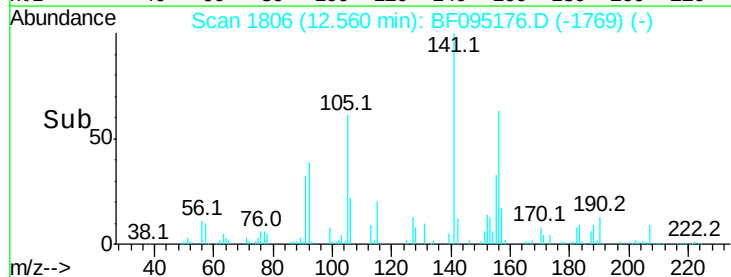
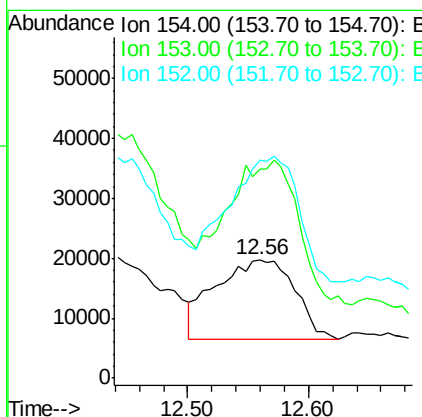
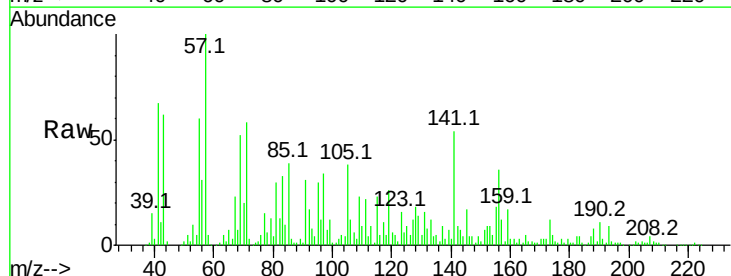
Instrument :
 BNA_F
 ClientSampleId :

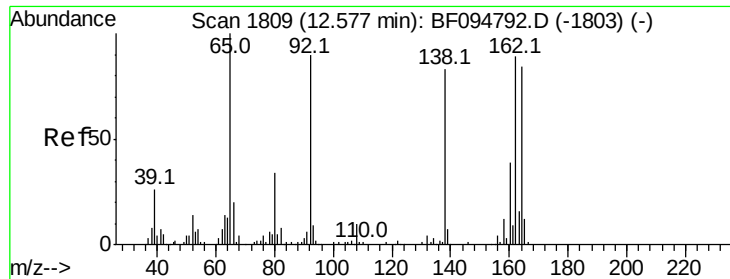
Tot Ion:165 Resp: 26883
 Ion Ratio Lower Upper
 165 100
 63 74.2 34.3 51.5#
 89 46.7 37.1 55.7



#51
 Acenaphthene
 Concen: 485.40 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.08 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion:154 Resp: 59861
 Ion Ratio Lower Upper
 154 100
 153 175.9 90.5 135.7#
 152 183.9 43.6 65.4#

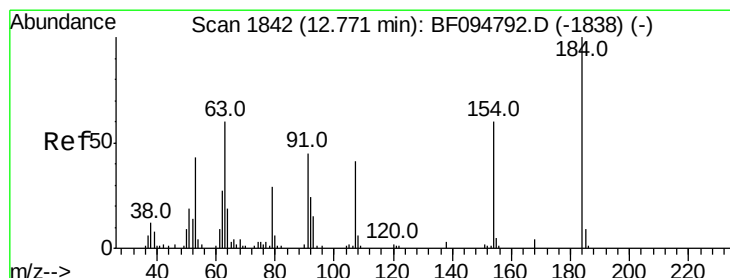
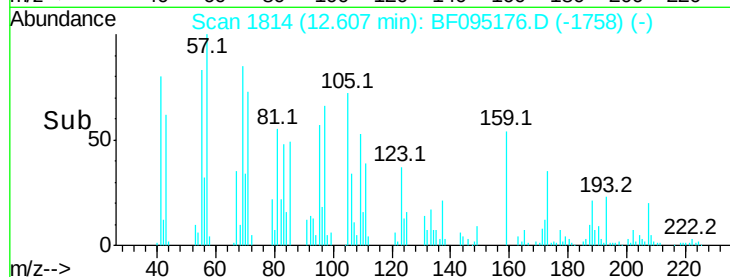
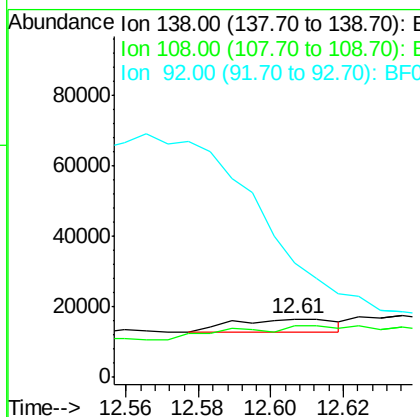
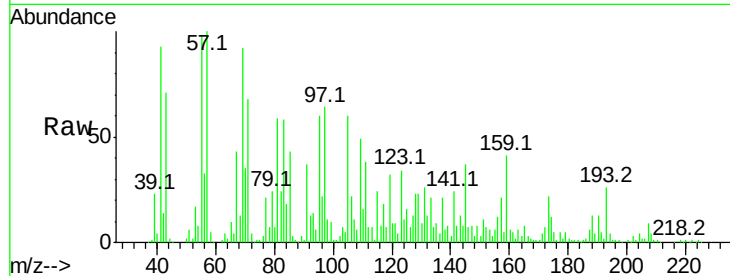




#52
3-Nitroaniline
Concen: 208.83 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.03 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

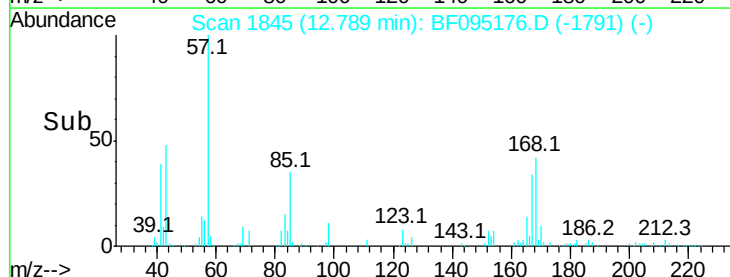
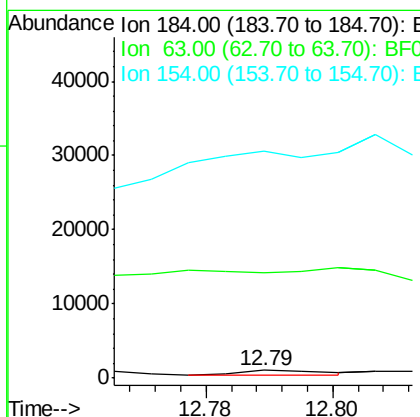
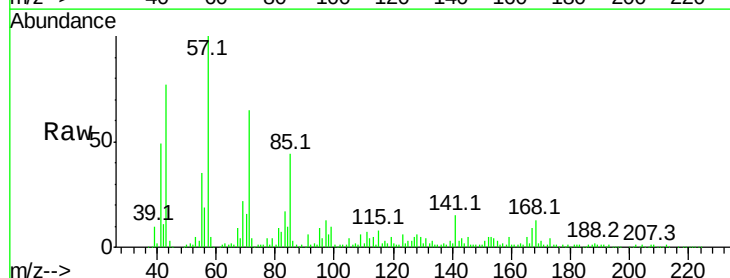
Instrument :
BNA_F
ClientSampled :

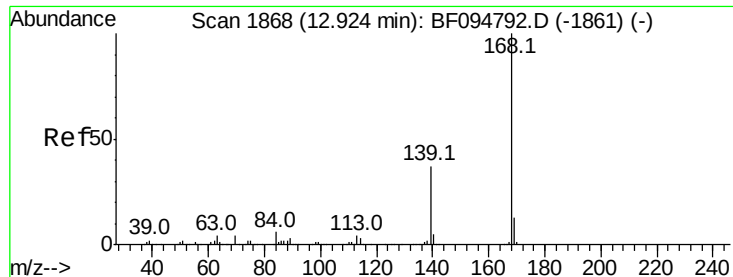
Tot Ion:138 Resp: 7279
Ion Ratio Lower Upper
138 100
108 87.3 9.1 13.7#
92 196.1 93.8 140.6#



#53
2,4-Dinitrophenol
Concen: 28.62 ng
RT: 12.79 min Scan# 1845
Delta R.T. 0.02 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:184 Resp: 434
Ion Ratio Lower Upper
184 100
63 1405.7 62.7 94.1#
154 3022.5 81.1 121.7#





#54

Dibenzofuran

Concen: 1180.27 ng

RT: 12.89 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

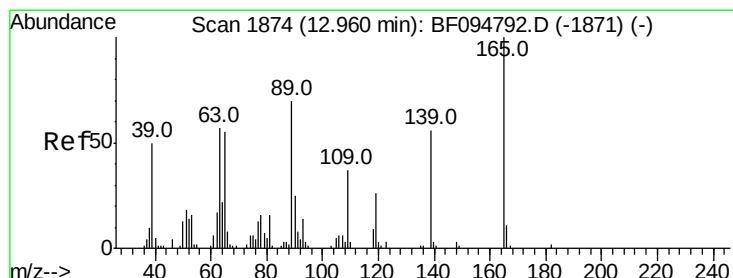
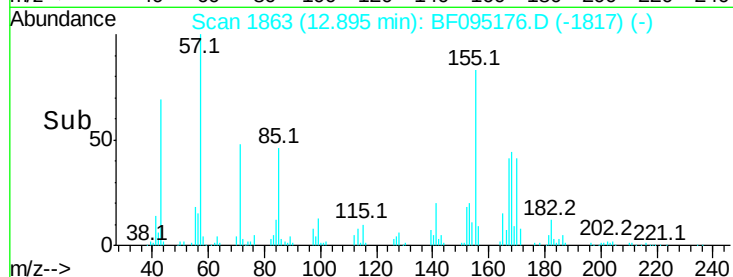
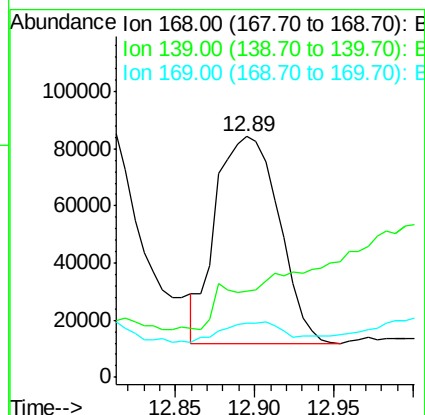
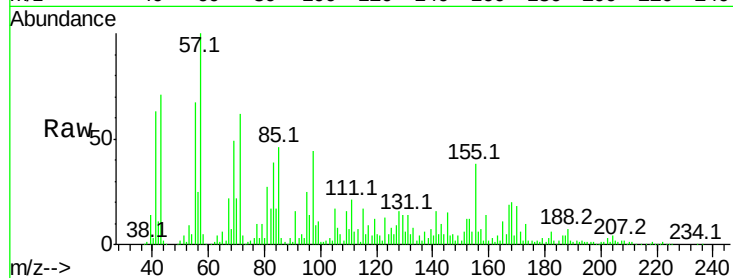
Tot Ion:168 Resp: 201420

Ion Ratio Lower Upper

168 100

139 35.9 30.6 45.8

169 22.5 10.8 16.2#



#55

4-Nitrophenol

Concen: 8264.45 ng

RT: 13.01 min Scan# 1883

Delta R.T. 0.05 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

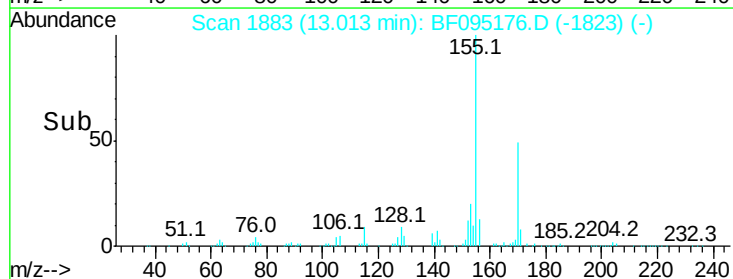
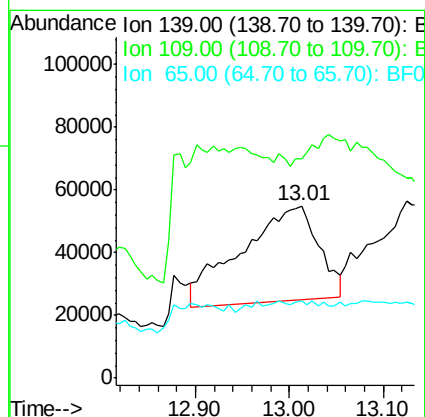
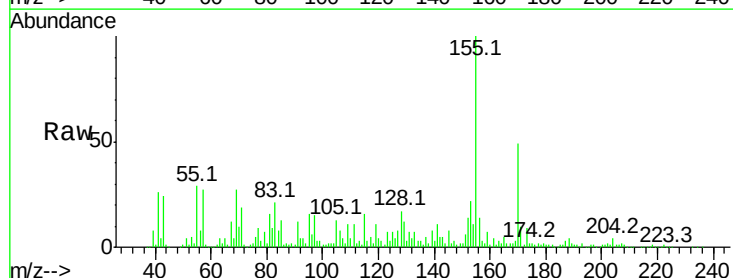
Tgt Ion:139 Resp: 173015

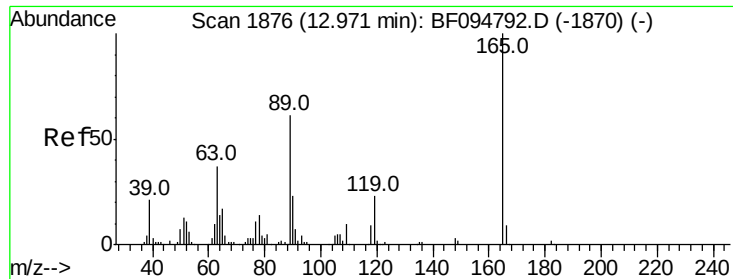
Ion Ratio Lower Upper

139 100

109 127.2 34.1 74.1#

65 44.8 31.4 71.4

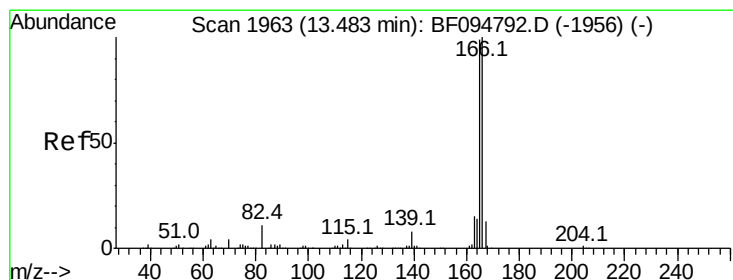
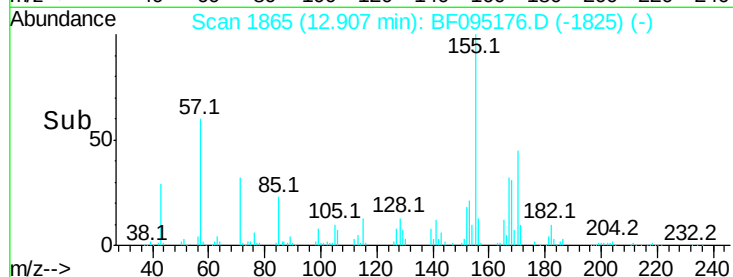
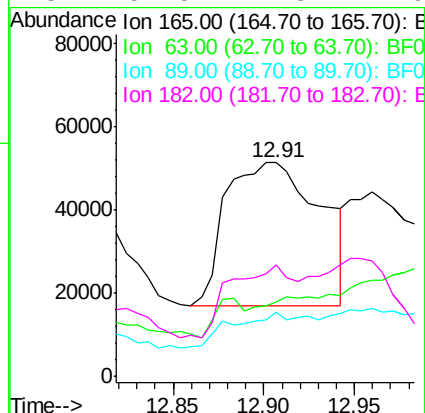
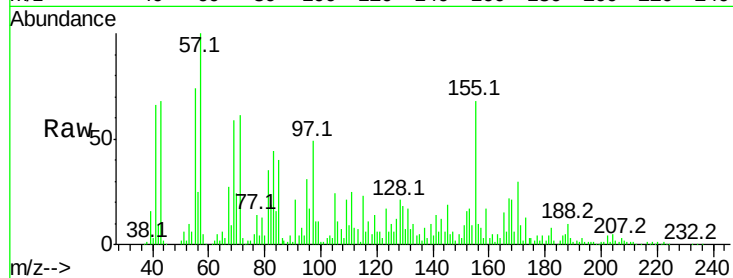




#56
2,4-Dinitrotoluene
Concen: 2996.54 ng
RT: 12.91 min Scan# 1865
Delta R.T. -0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

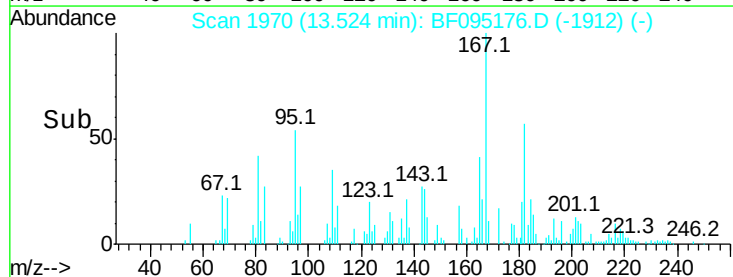
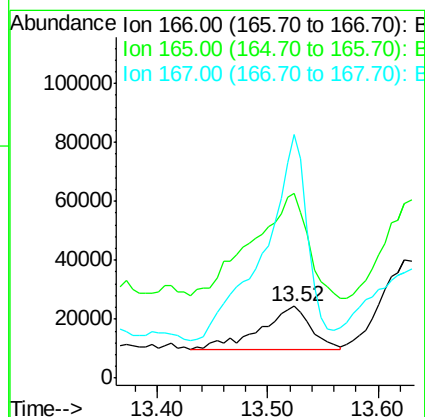
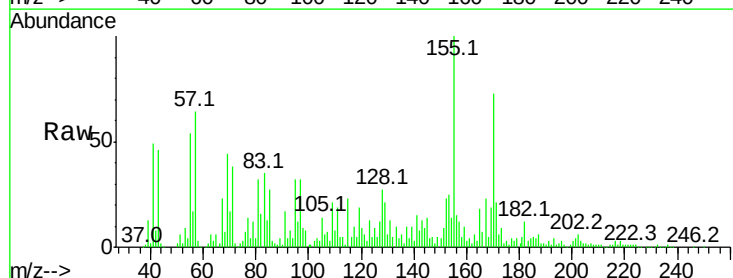
Instrument :
BNA_F
ClientSampleId :

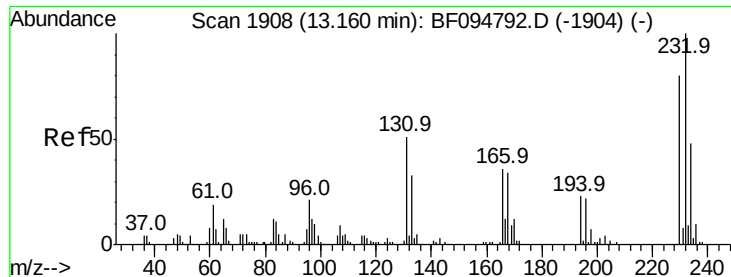
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.6	25.4	38.0
89	30.3	46.4	69.6#
182	52.0	1.8	2.6#



#57
Fluorene
Concen: 303.87 ng
RT: 13.52 min Scan# 1970
Delta R.T. 0.04 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	259.0	78.8	118.2#
167	340.6	10.6	16.0#

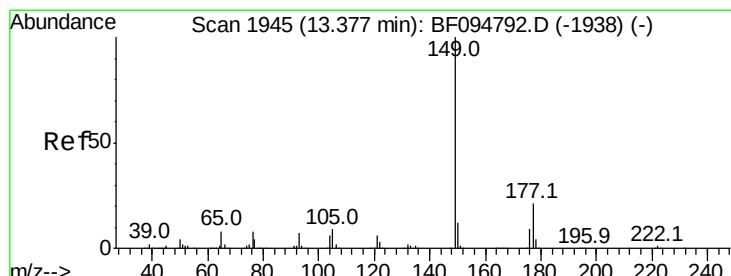
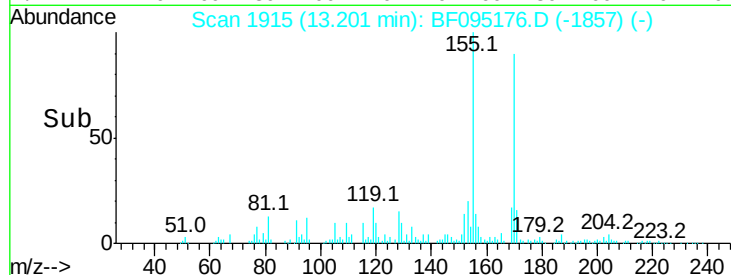
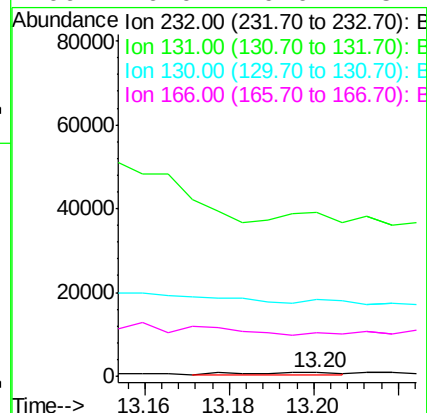
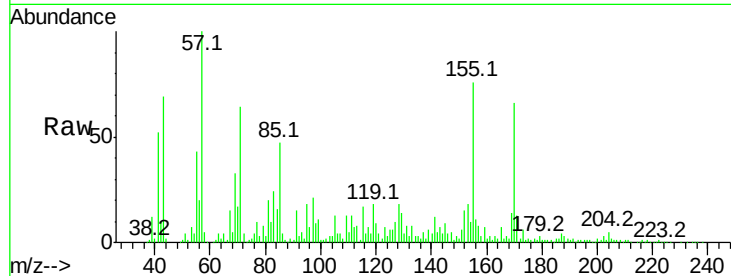




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.10 ng
 RT: 13.20 min Scan# 1915
 Delta R.T. 0.04 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

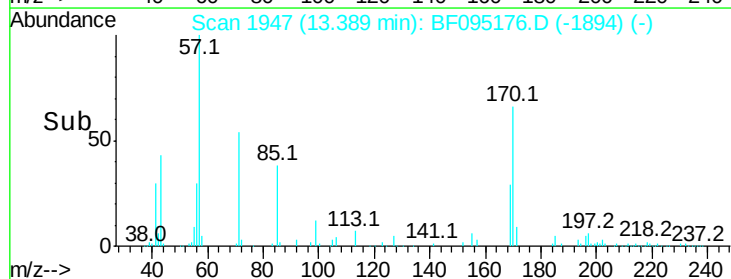
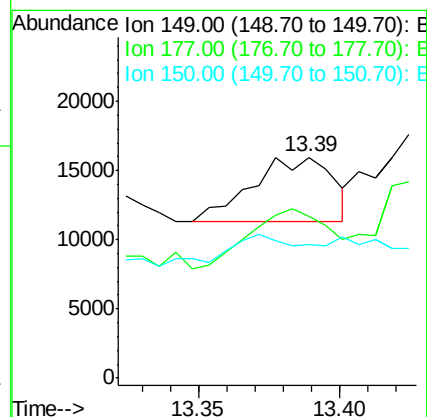
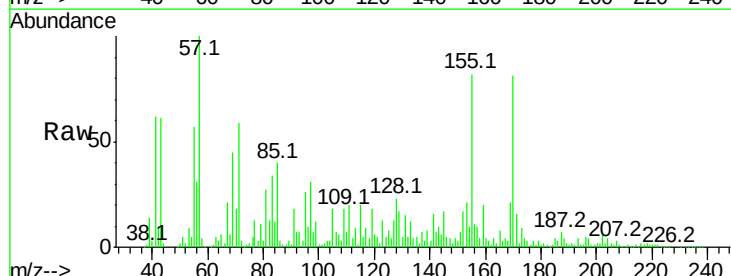
Instrument :
 BNA_F
 ClientSampleId :

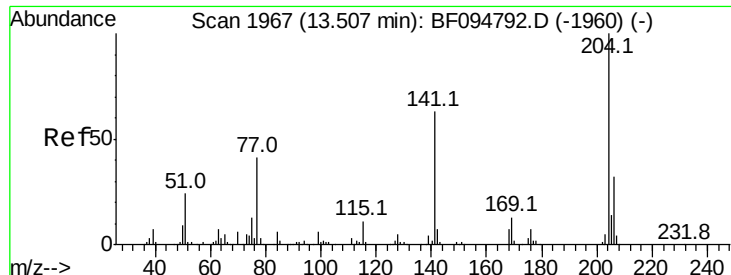
Tot Ion:232 Resp: 676
 Ion Ratio Lower Upper
 232 100
 131 0.0 44.8 67.2#
 130 0.0 2.3 3.5#
 166 0.0 29.0 43.4#



#59
 Diethylphthalate
 Concen: 59.89 ng
 RT: 13.39 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion:149 Resp: 9138
 Ion Ratio Lower Upper
 149 100
 177 73.2 16.7 25.1#
 150 60.4 10.2 15.2#

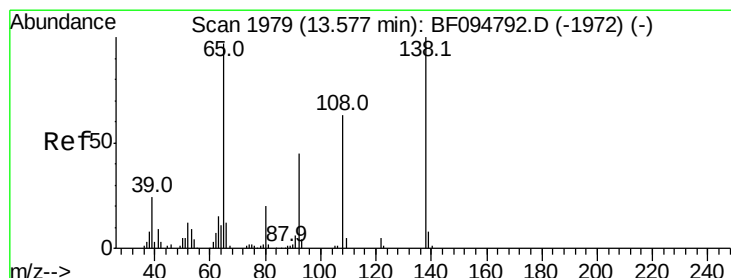
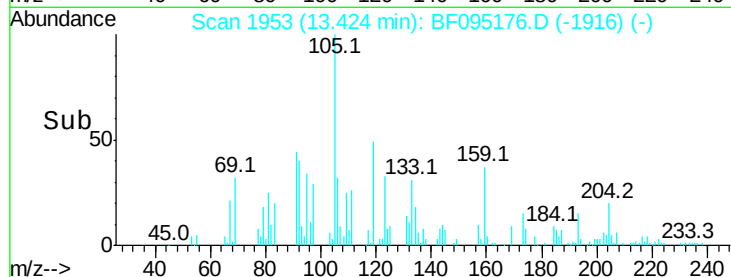
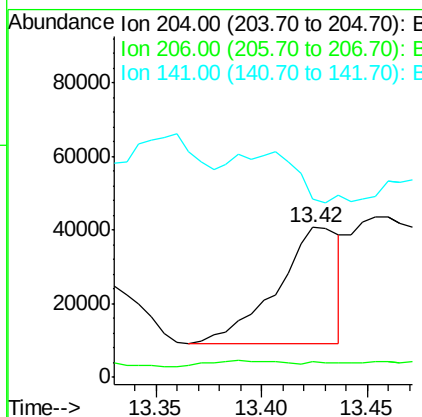
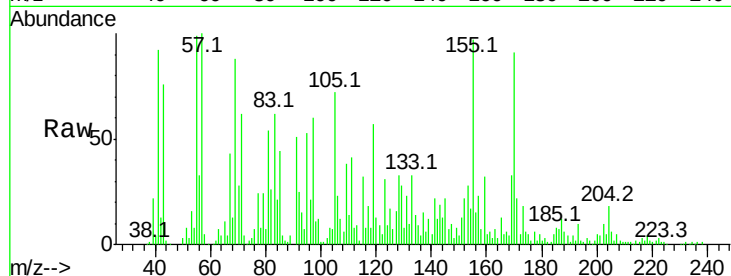




#60
4-Chlorophenyl-phenylether
Concen: 993.76 ng
RT: 13.42 min Scan# 1953
Delta R.T. -0.08 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

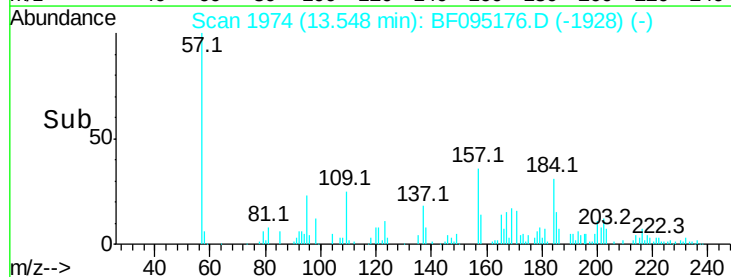
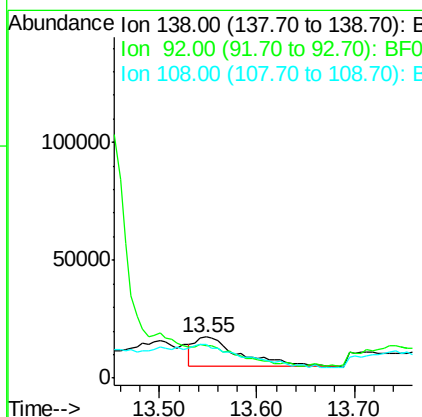
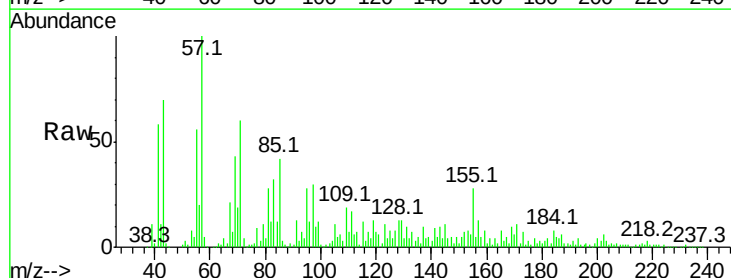
Instrument :
BNA_F
ClientSampled :

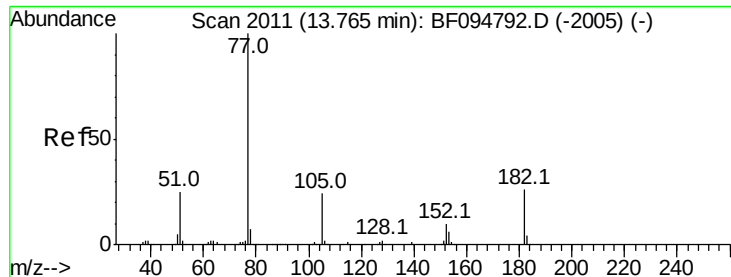
Tot Ion:204 Resp: 64810
Ion Ratio Lower Upper
204 100
206 10.9 26.2 39.2#
141 118.7 60.8 91.2#



#61
4-Nitroaniline
Concen: 1232.13 ng
RT: 13.55 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:138 Resp: 39426
Ion Ratio Lower Upper
138 100
92 77.3 21.8 61.8#
108 80.2 42.3 82.3





#62

Azobenzene

Concen: 515.29 ng

RT: 13.72 min Scan# 2003

Delta R.T. -0.05 min

Lab File: BF095176.D

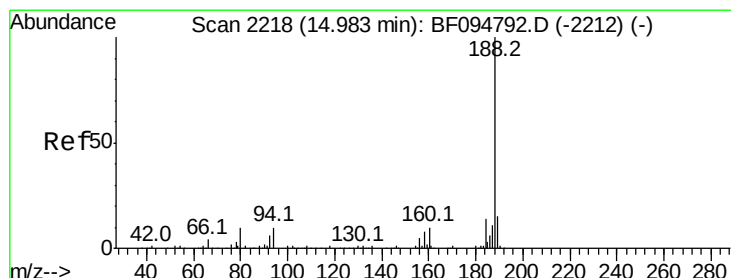
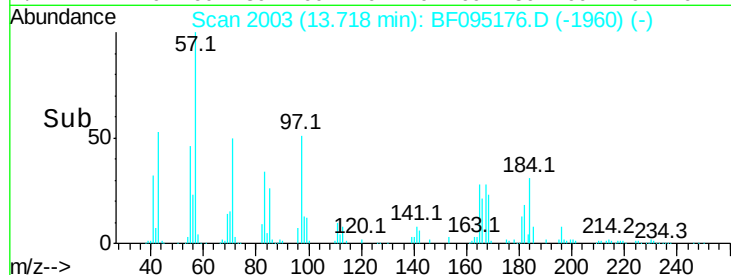
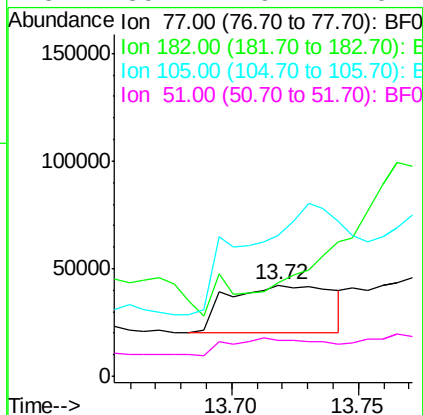
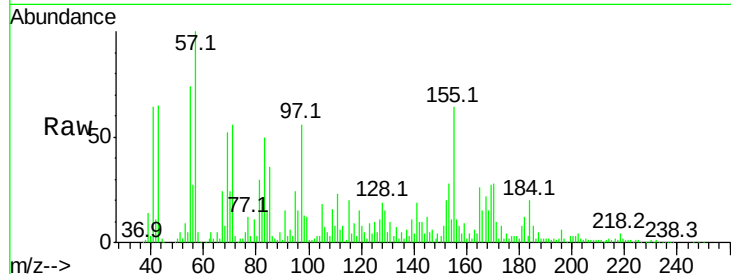
Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	77	Resp:	63175
Ion	Ratio	Lower	Upper
77	100		
182	103.1	0.1	40.1#
105	155.0	3.6	43.6#
51	39.7	9.4	49.4



#63

Phenanthrene-d10

Concen: 20.00 ng

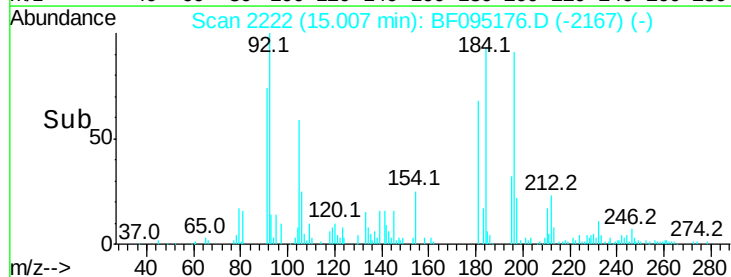
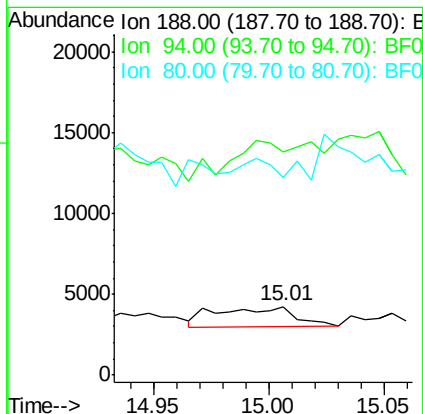
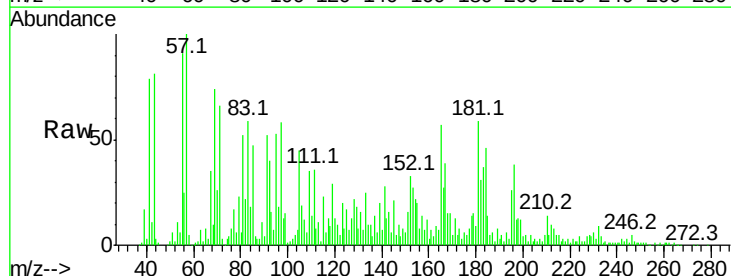
RT: 15.01 min Scan# 2222

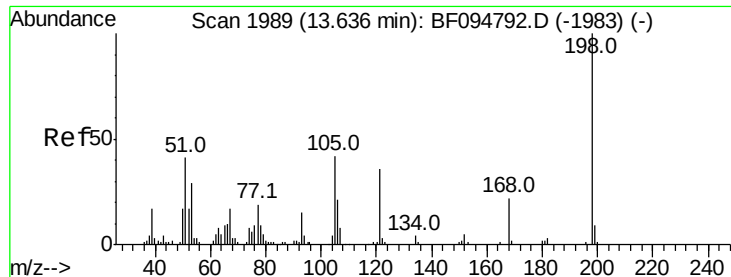
Delta R.T. 0.02 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Tgt Ion:	188	Resp:	2802
Ion	Ratio	Lower	Upper
188	100		
94	325.2	9.4	14.2#
80	287.0	10.2	15.2#





#64

4,6-Dinitro-2-methylphenol

Concen: 55.42 ng

RT: 13.65 min Scan# 1992

Delta R.T. 0.02 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampled :

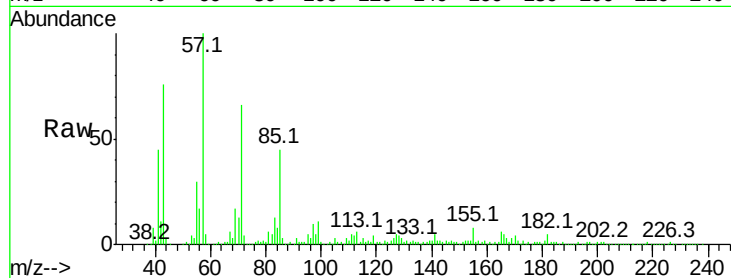
Tot Ion:198 Resp: 1041

Ion Ratio Lower Upper

198 100

51 572.5 53.2 93.2#

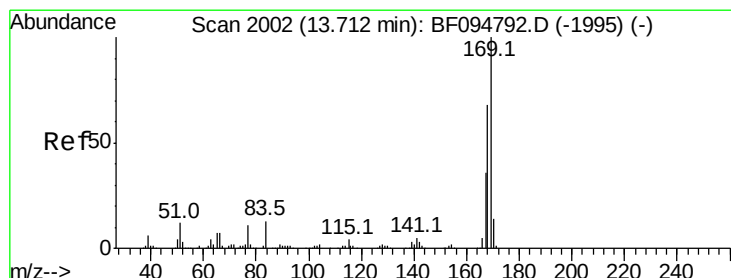
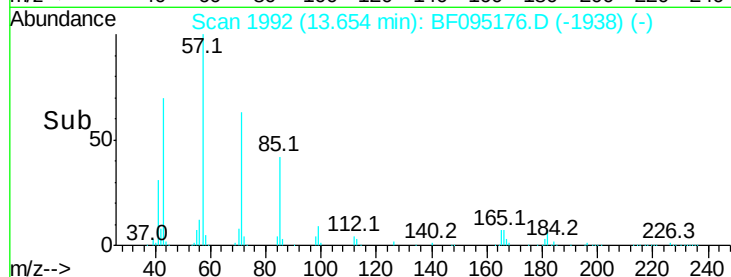
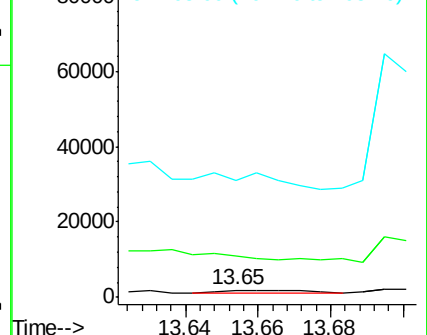
105 1630.7 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 1533.60 ng

RT: 13.72 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

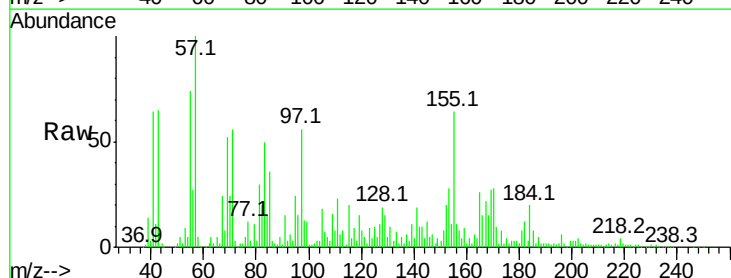
Tgt Ion:169 Resp: 155960

Ion Ratio Lower Upper

169 100

168 56.7 53.2 79.8

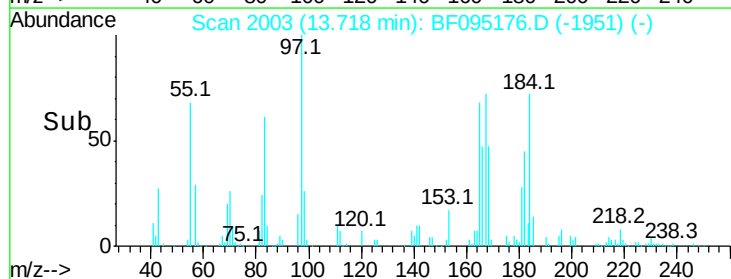
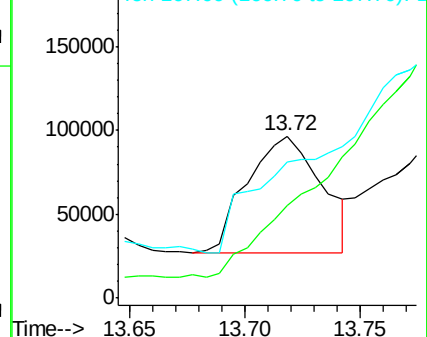
167 83.6 29.5 44.3#

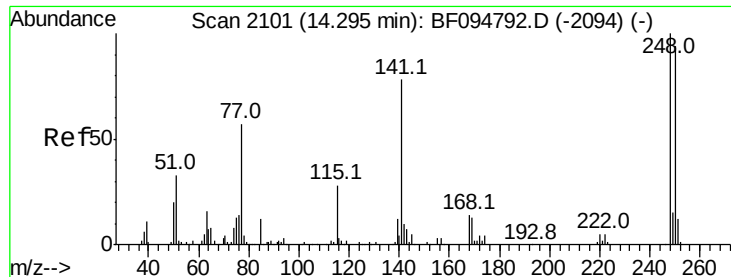


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

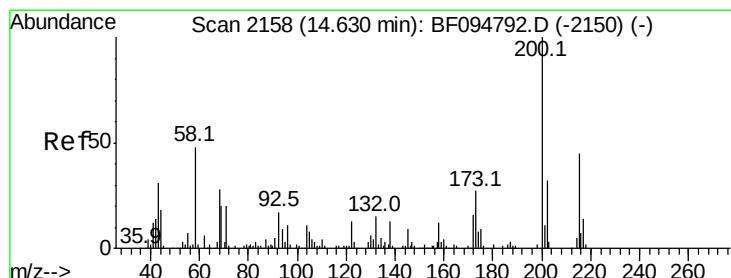
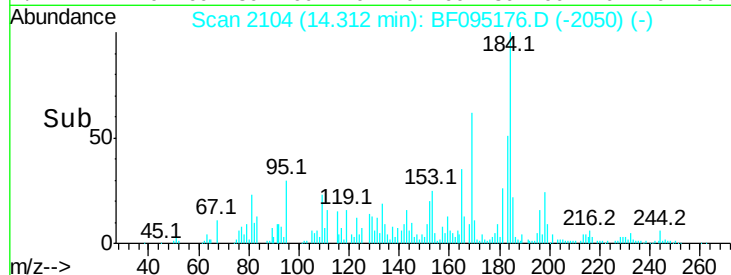
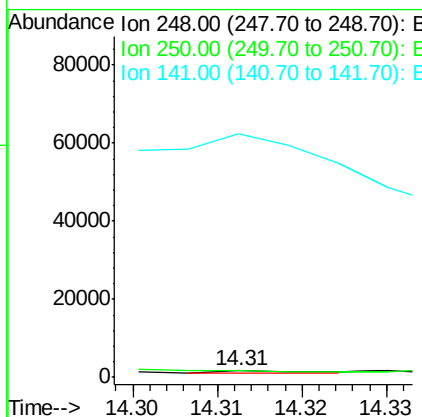
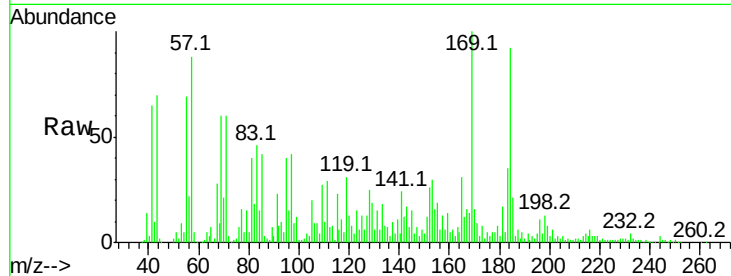




#66
4-Bromophenyl-phenylether
Concen: 11.69 ng
RT: 14.31 min Scan# 2104
Delta R.T. 0.02 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

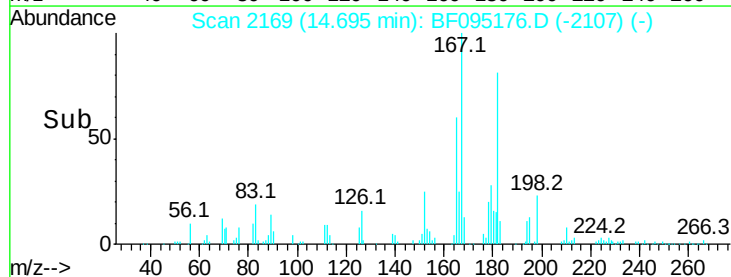
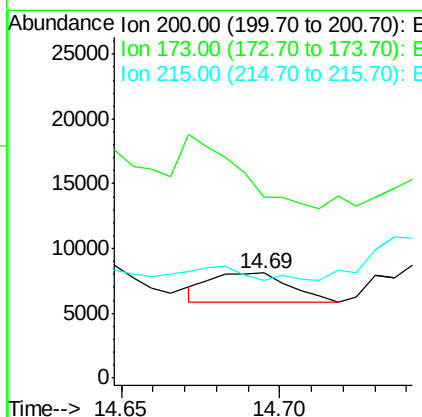
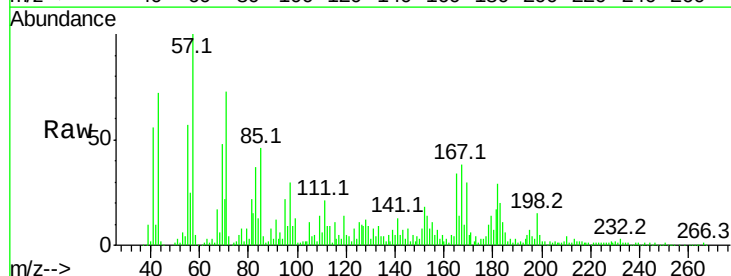
Instrument :
BNA_F
ClientSampleId :

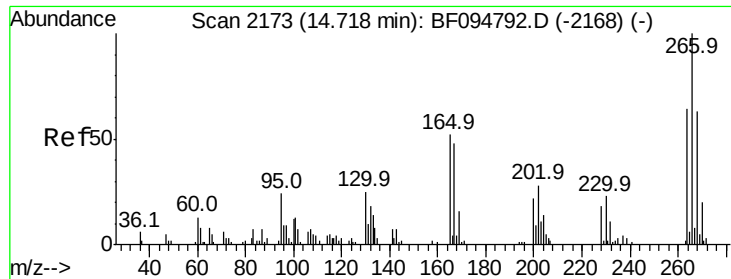
Tot Ion:248 Resp: 346
Ion Ratio Lower Upper
248 100
250 108.6 76.8 115.2
141 3782.2 68.6 103.0#



#68
Atrazine
Concen: 139.34 ng
RT: 14.69 min Scan# 2169
Delta R.T. 0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion:200 Resp: 4001
Ion Ratio Lower Upper
200 100
173 172.3 6.3 46.3#
215 93.2 27.2 67.2#

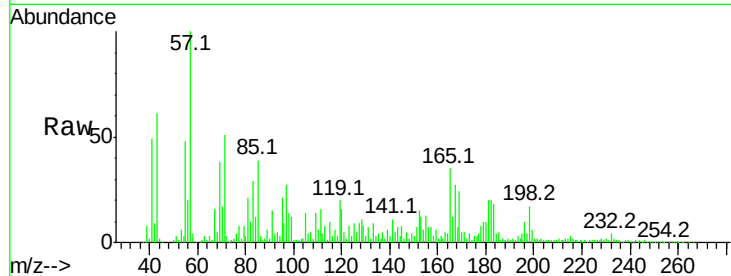




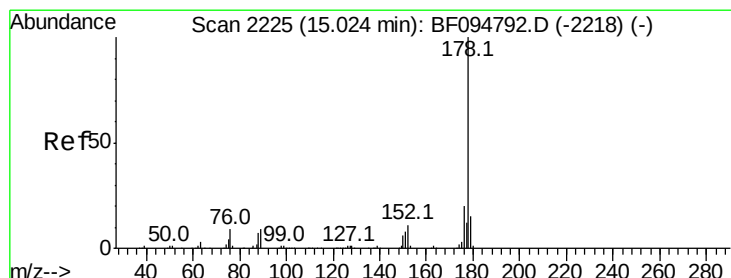
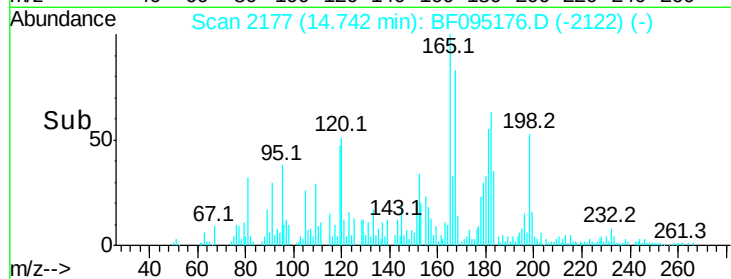
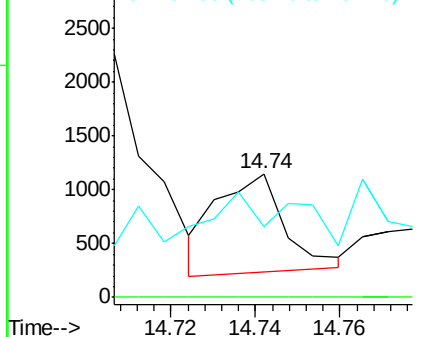
#69
 Pentachlorophenol
 Concen: 75.99 ng
 RT: 14.74 min Scan# 2177
 Delta R.T. 0.02 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	56.8	51.7	77.5

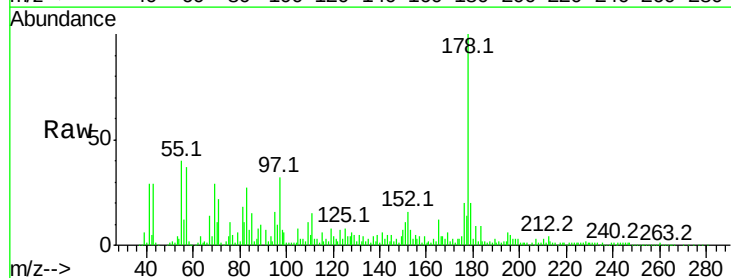


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

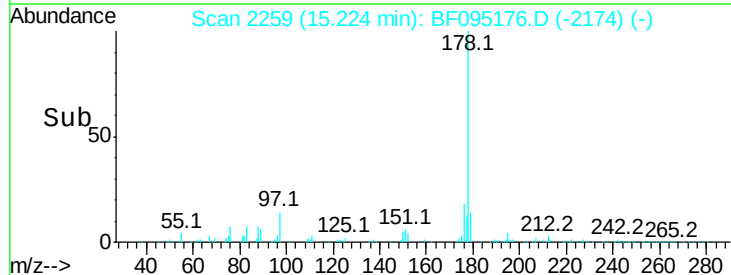
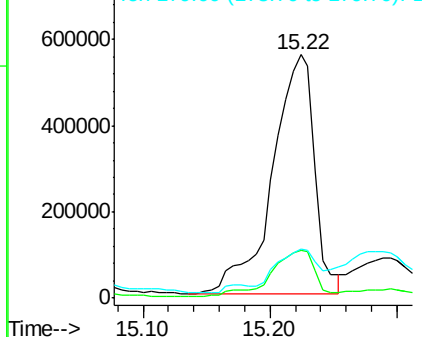


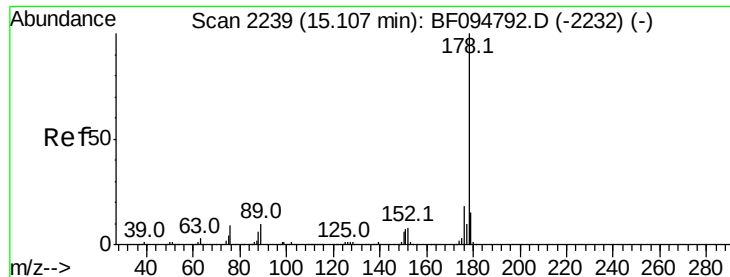
#70
 Phenanthrene
 Concen: 8064.16 ng
 RT: 15.22 min Scan# 2259
 Delta R.T. 0.20 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	19.9	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

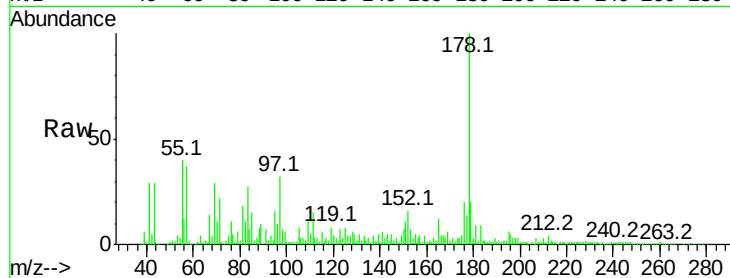




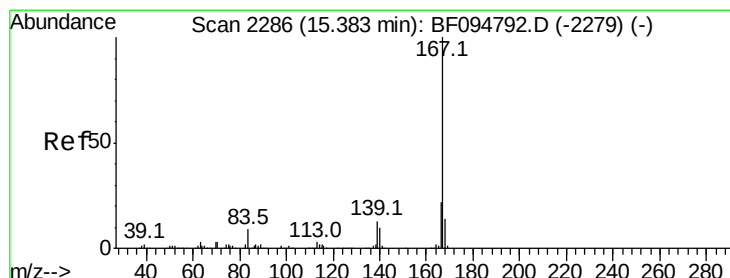
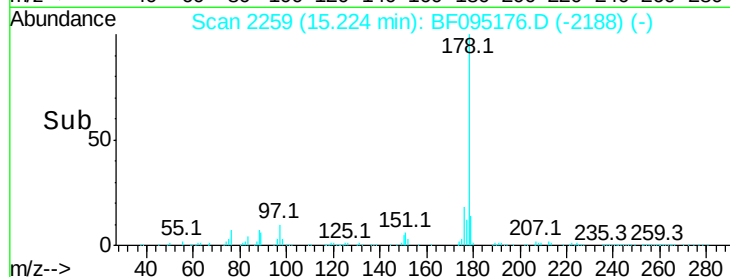
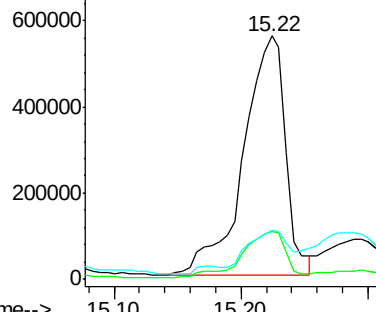
#71
 Anthracene
 Concen: 7894.61 ng
 RT: 15.22 min Scan# 2259
 Delta R.T. 0.12 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1298285
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 19.9 12.7 19.1#

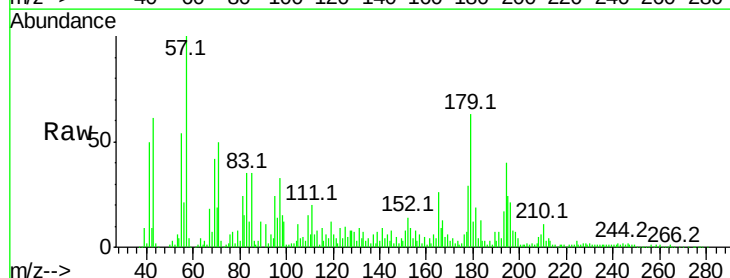


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

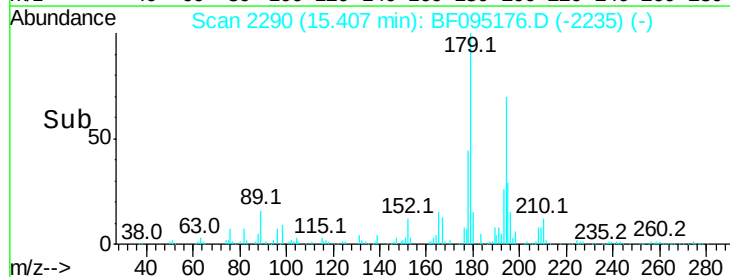
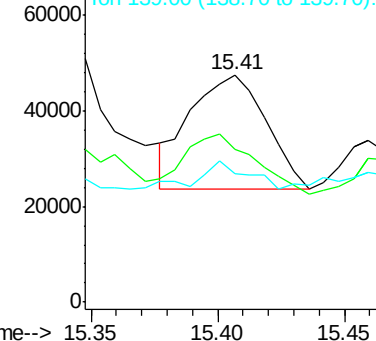


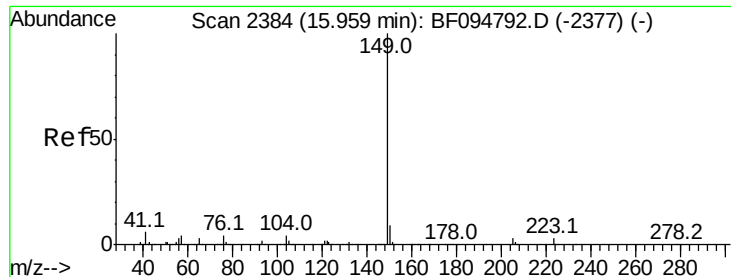
#72
 Carbazole
 Concen: 332.32 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.02 min
 Lab File: BF095176.D
 Acq: 17 May 2017 1:52

Tgt Ion:167 Resp: 49725
 Ion Ratio Lower Upper
 167 100
 166 67.2 18.1 27.1#
 139 56.6 11.7 17.5#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 101.44 ng

RT: 15.90 min Scan# 2374

Delta R.T. -0.06 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

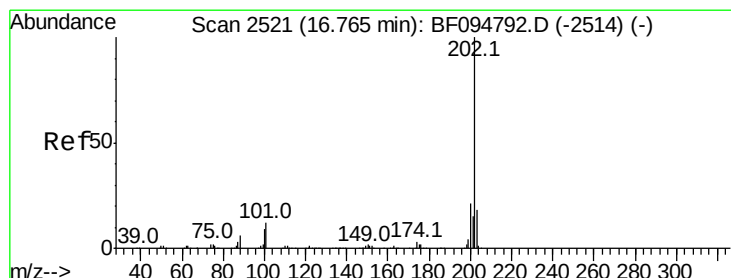
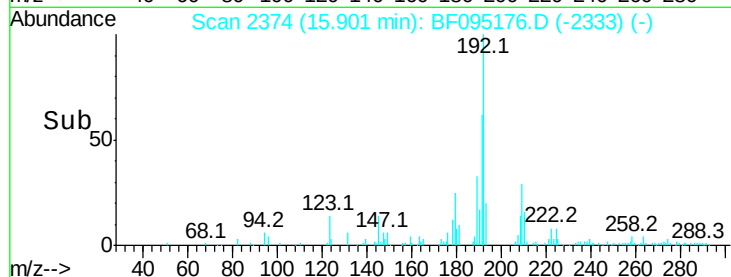
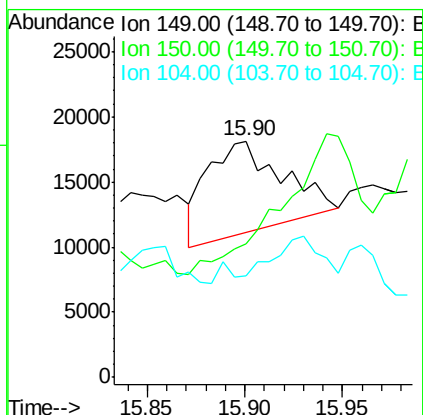
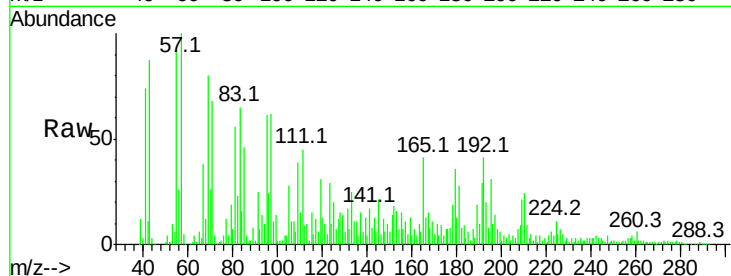
Tot Ion:149 Resp: 18929

Ion Ratio Lower Upper

149 100

150 56.6 7.7 11.5#

104 43.0 4.0 6.0#



#74

Fluoranthene

Concen: 122.90 ng

RT: 16.78 min Scan# 2524

Delta R.T. 0.02 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

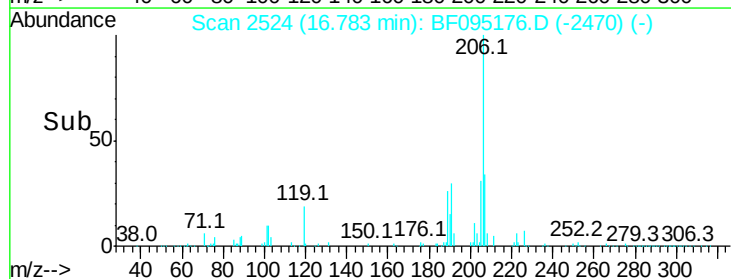
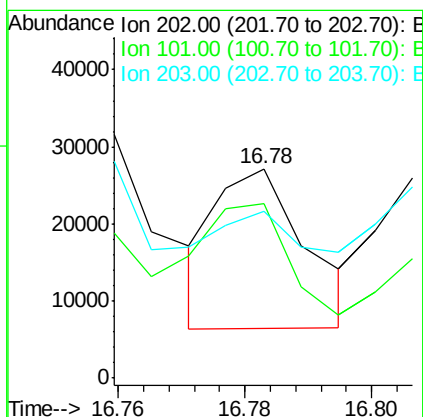
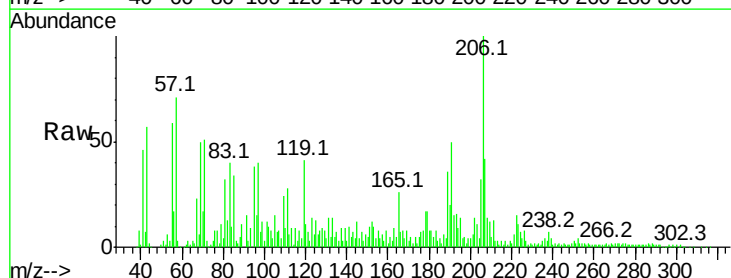
Tgt Ion:202 Resp: 20297

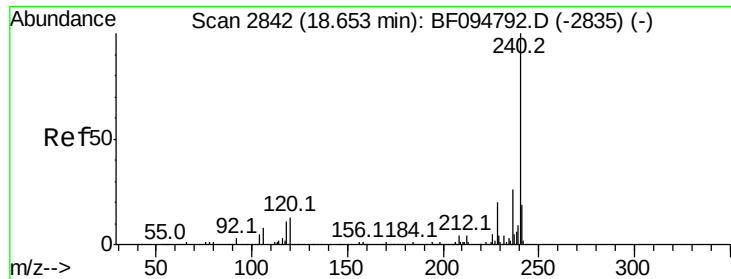
Ion Ratio Lower Upper

202 100

101 83.6 0.0 33.2#

203 79.8 0.0 38.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.72 min Scan# 2853

Delta R.T. 0.06 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

Instrument :

BNA_F

ClientSampleId :

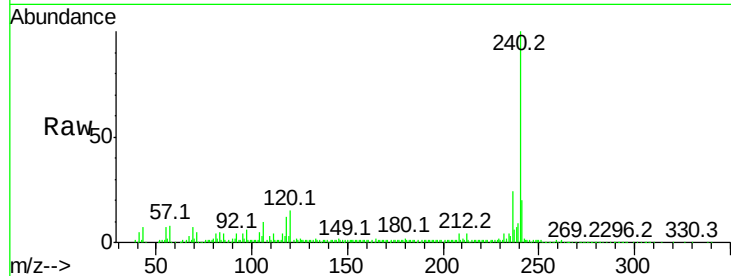
Tot Ion:240 Resp: 184652

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

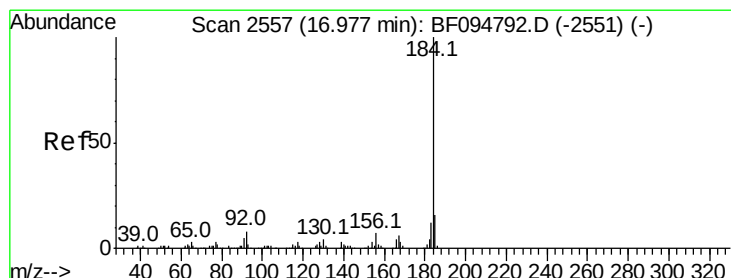
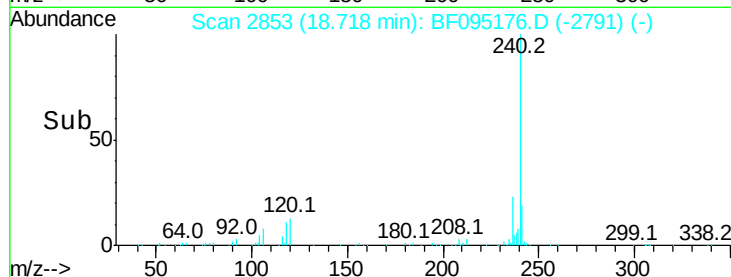
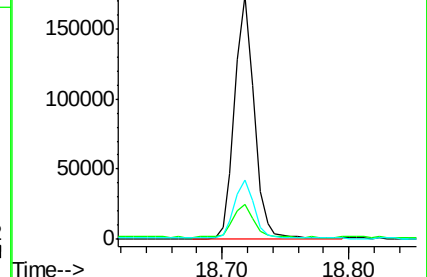
236 24.3 20.5 30.7



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



#76

Benzidine

Concen: 7.51 ng

RT: 17.05 min Scan# 2569

Delta R.T. 0.07 min

Lab File: BF095176.D

Acq: 17 May 2017 1:52

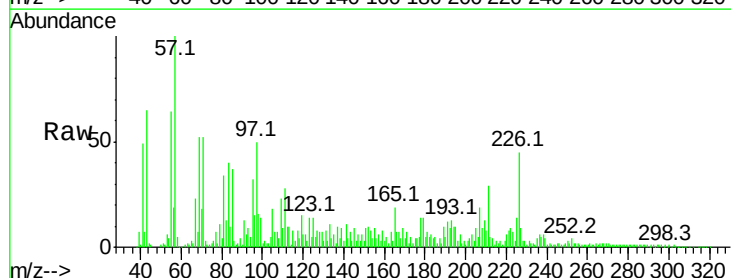
Tgt Ion:184 Resp: 5321

Ion Ratio Lower Upper

184 100

185 104.5 15.5 23.3#

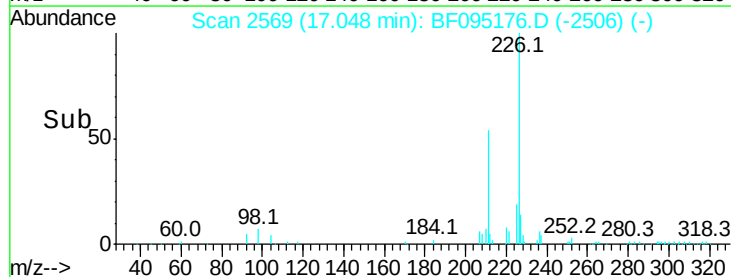
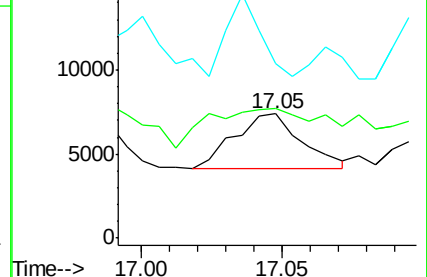
183 140.3 9.8 14.6#

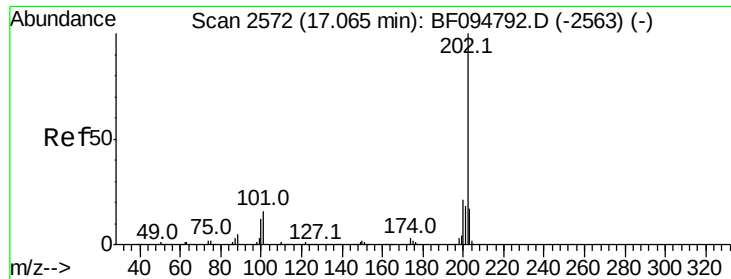


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

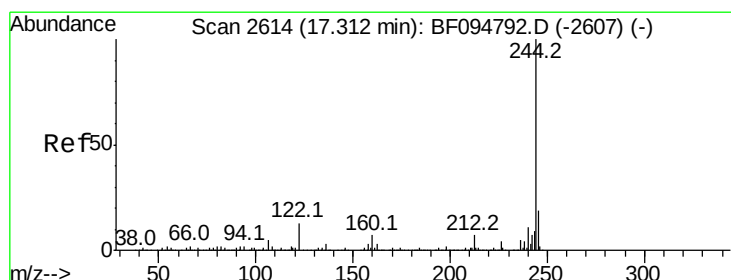
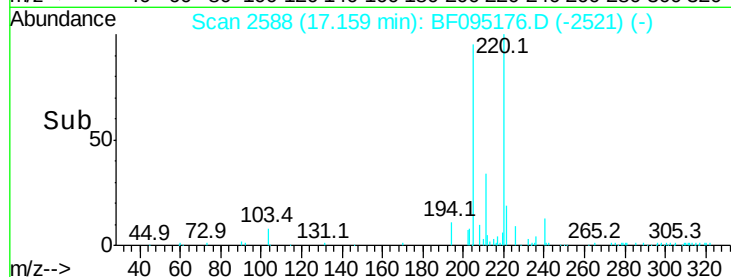
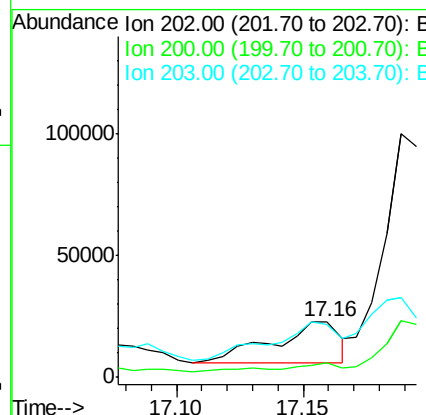
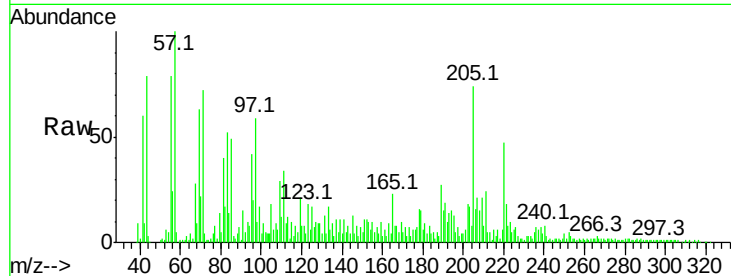




#77
Pvrene
Concen: 2.23 ng
RT: 17.16 min Scan# 2588
Delta R.T. 0.09 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

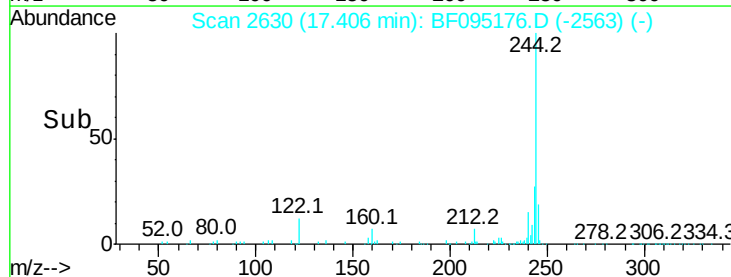
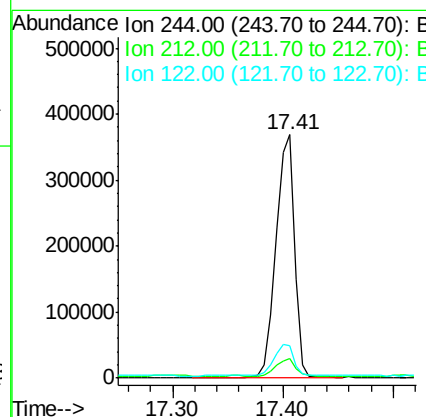
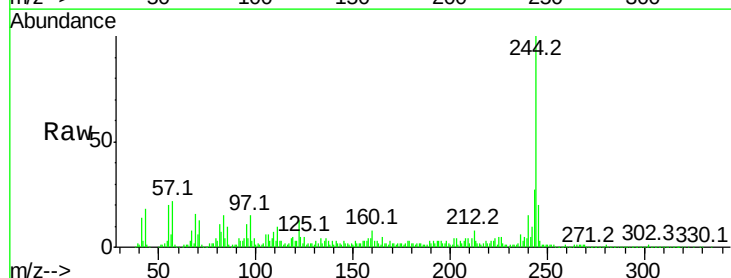
Instrument :
BNA_F
ClientSampleId :

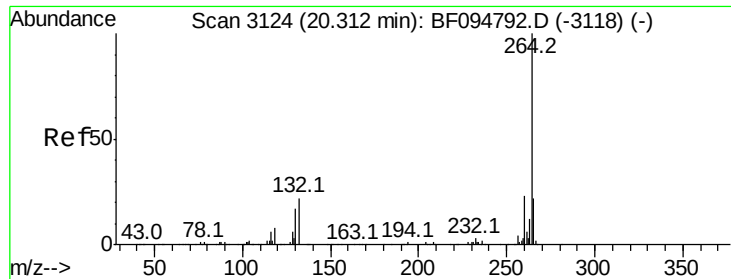
Tot Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.6	26.4
203	94.0	14.4	21.6#



#78
Terphenyl-d14
Concen: 52.29 ng
RT: 17.41 min Scan# 2630
Delta R.T. 0.09 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.1	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095176.D
Acq: 17 May 2017 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.2	17.2	25.8

