

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102615.D
 Acq On : 29 Jan 2018 23:32
 Operator : SJ/JU
 Sample : J1311-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 02:45:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	122289	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	120421	20.00	ng	0.02
38) Acenaphthene-d10	9.83	164	85889	20.00	ng	0.08
63) Phenanthrene-d10	11.32	188	127193	20.00	ng	0.08
75) Chrysene-d12	13.90	240	256586	20.00	ng	0.02
86) Perylene-d12	15.32	264	308588	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1329069	164.79	ng	0.00
7) Phenol-d6	6.37	99	1291014	132.78	ng	0.00
23) Nitrobenzene-d5	7.30	82	688494	328.56	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	97736	114.84	ng	0.08
44) 2-Fluorobiphenyl	9.14	172	544223	93.17	ng	0.06
78) Terphenyl-d14	12.87	244	716539	62.95	ng	0.05

Target Compounds

						Qvalue
9) Benzaldehyde	6.27	77	94808	14.471	ng	# 1
15) Benzyl Alcohol	6.89	79	14431	2.104	ng	# 44
17) 2-Methylphenol	7.00	107	19318	2.631	ng	# 1
18) Hexachloroethane	7.22	117	198934	56.679	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	72097	12.116	ng	# 86
22) Acetophenone	7.13	105	1386448	482.976	ng	# 43
24) Nitrobenzene	7.27	77	257238	119.955	ng	# 56
25) Isophorone	7.56	82	186475	49.917	ng	# 1
26) 2-Nitrophenol	7.64	139	6901	6.114	ng	# 1
27) 2,4-Dimethylphenol	7.67	122	8417	5.136	ng	# 1
28) bis(2-Chloroethoxy)methane	7.82	93	53977	23.390	ng	# 1
29) 2,4-Dichlorophenol	7.88	162	26992	16.169	ng	# 1
30) 1,2,4-Trichlorobenzene	7.95	180	7833	4.377	ng	# 91
31) Naphthalene	8.05	128	163268	27.155	ng	# 6
32) Benzoic acid	7.85	122	31194	22.718	ng	# 1
33) 4-Chloroaniline	8.06	127	255445	101.034	ng	# 20
35) Caprolactam	8.50	113	292500	530.530	ng	# 1
36) 4-Chloro-3-methylphenol	8.60	107	39483	22.438	ng	# 29
37) 2-Methylnaphthalene	8.80	142	780664	194.965	ng	# 86
45) 1,1'-Biphenyl	9.23	154	153894	20.039	ng	# 95
46) 2-Chloronaphthalene	9.28	162	44415	7.440	ng	# 1
47) 2-Nitroaniline	9.33	65	81487	43.785	ng	# 39
48) Acenaphthylene	9.62	152	28791	3.096	ng	# 1
49) Dimethylphthalate	9.66	163	66996	9.437	ng	# 1
50) 2,6-Dinitrotoluene	9.60	165	13723	8.966	ng	# 82
52) 3-Nitroaniline	9.85	138	26261	14.503	ng	# 35
53) 2,4-Dinitrophenol	9.96	184	327	4.150	ng	# 1
54) Dibenzofuran	10.03	168	42030	5.718	ng	# 1
55) 4-Nitrophenol	9.95	139	40279	33.700	ng	# 1
56) 2,4-Dinitrotoluene	10.05	165	32881	17.469	ng	# 66
57) Fluorene	10.34	166	96383	16.547	ng	# 1
59) Diethylphthalate	10.30	149	31184	4.520	ng	# 46
60) 4-Chlorophenyl-phenylether	10.32	204	11249	4.454	ng	# 1
61) 4-Nitroaniline	10.33	138	23406	12.954	ng	# 34

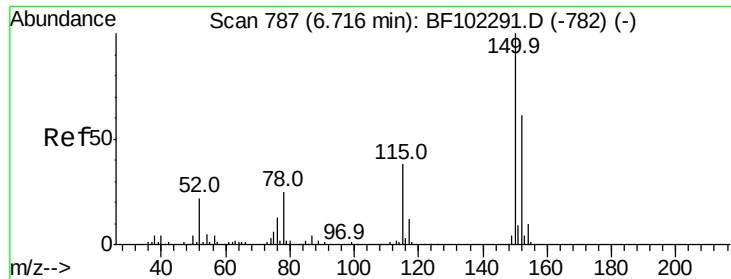
Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102615.D
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 BNA_F
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Quant Time: Jan 30 02:45:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) Azobenzene	10.53	77	40974	6.487	nq	# 1
65) n-Nitrosodiphenylamine	10.49	169	134165	28.739	nq	# 64
66) 4-Bromophenyl-phenylether	10.87	248	3649	2.665	nq	# 1
68) Atrazine	11.02	200	8253	5.986	nq	# 59
69) Pentachlorophenol	11.15	266	1959	2.435	nq	# 1
70) Phenanthrene	11.34	178	98038	13.227	nq	# 45
71) Anthracene	11.43	178	40889	5.405	nq	# 1
73) Di-n-butylphthalate	11.85	149	218265	23.659	nq	# 88
74) Fluoranthene	12.76	202	179022	23.686	nq	# 78
77) Pyrene	12.76	202	179022	9.024	nq	# 86
83) Bis(2-ethylhexyl)phthalate	13.86	149	216757	16.337	nq	# 97
84) Di-n-octyl phthalate	14.50	149	72704	3.370	nq	# 38

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

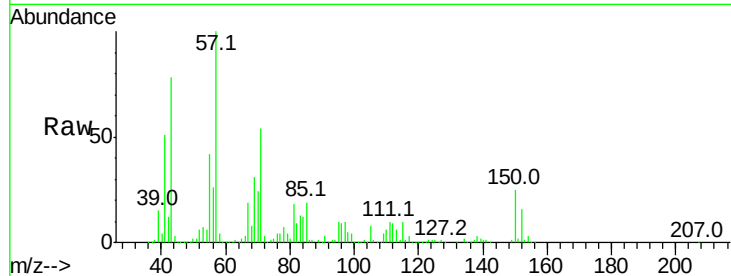


#1

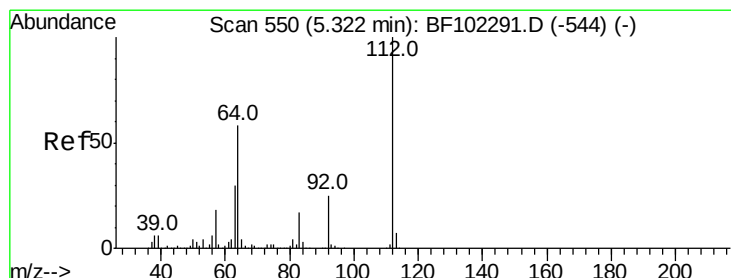
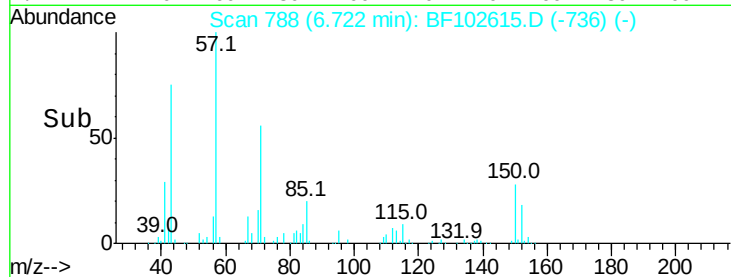
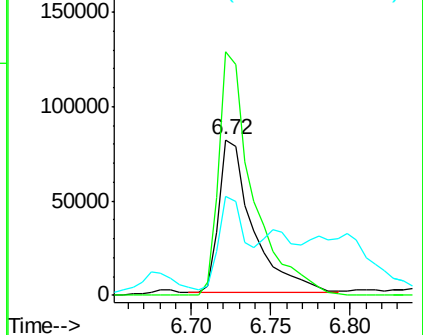
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122289
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 63.4 50.1 75.1



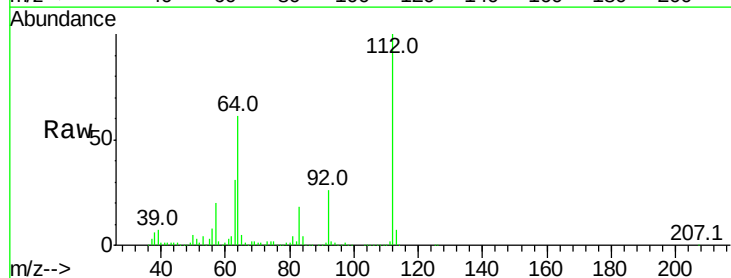
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



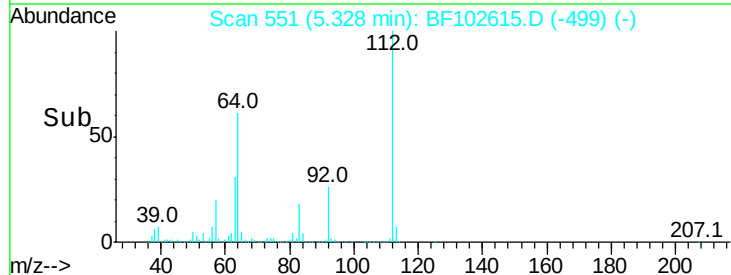
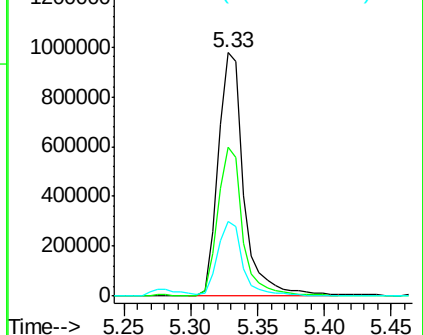
#5

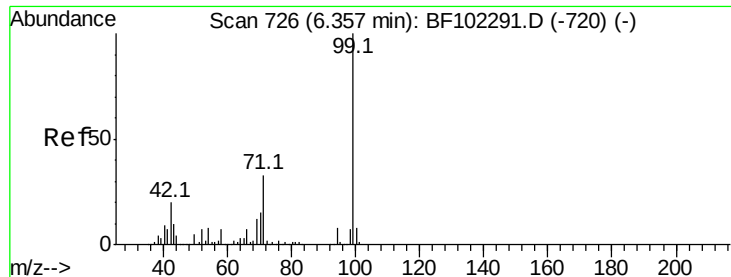
2-Fluorophenol
Concen: 164.791 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:112 Resp: 1329069
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 30.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 132.775 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

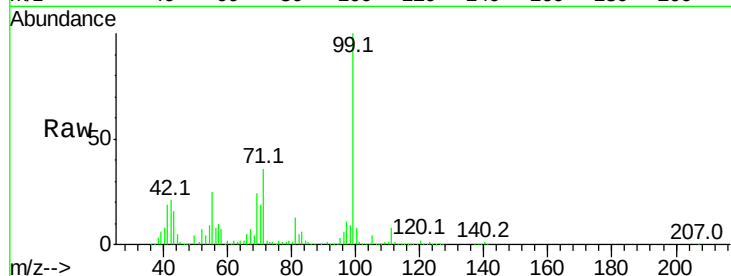
Tot Ion: 99 Resp: 1291014

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

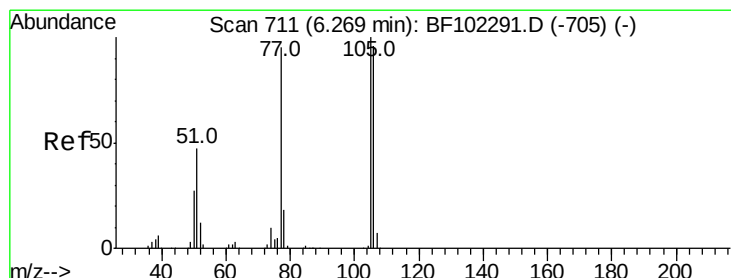
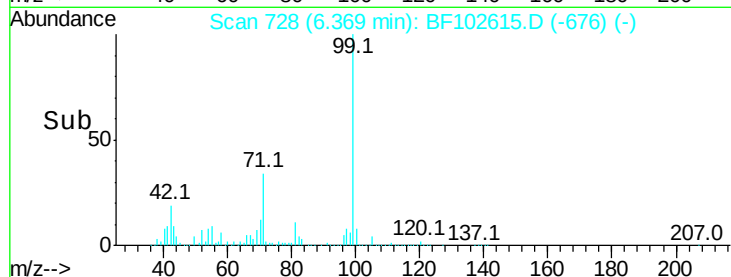
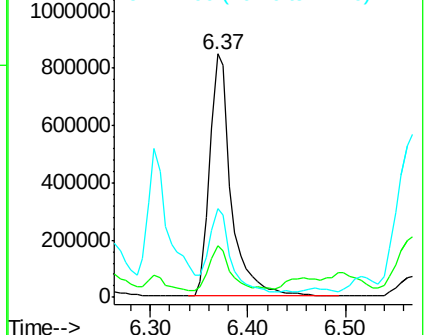
71 36.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 14.471 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

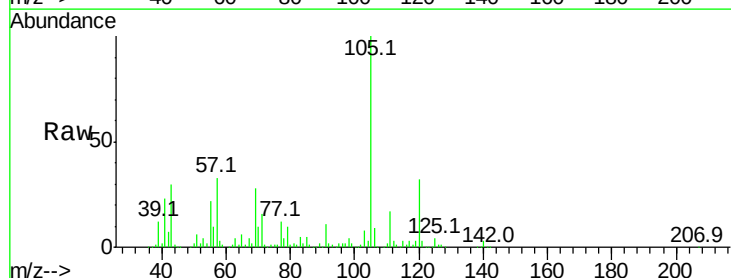
Tgt Ion: 77 Resp: 94808

Ion Ratio Lower Upper

77 100

105 838.0 81.1 121.1#

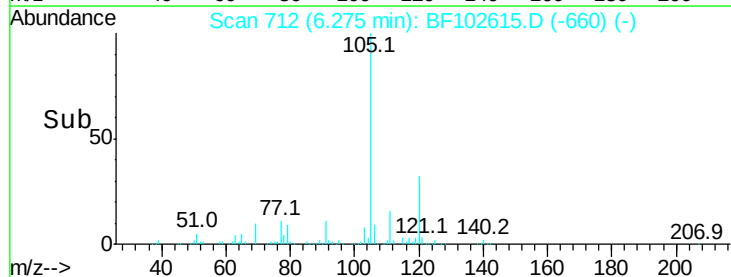
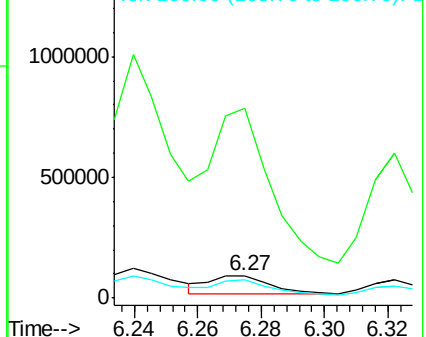
106 78.4 74.5 114.5

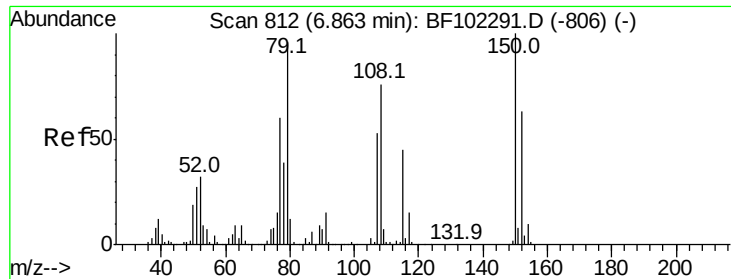


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

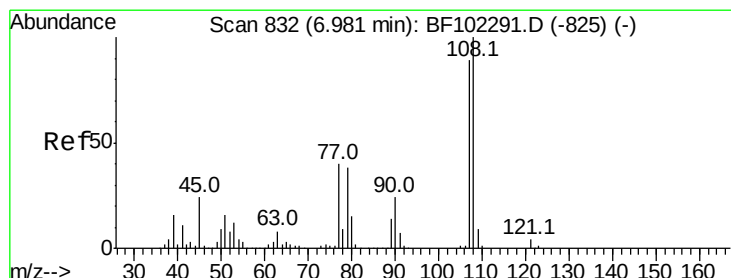
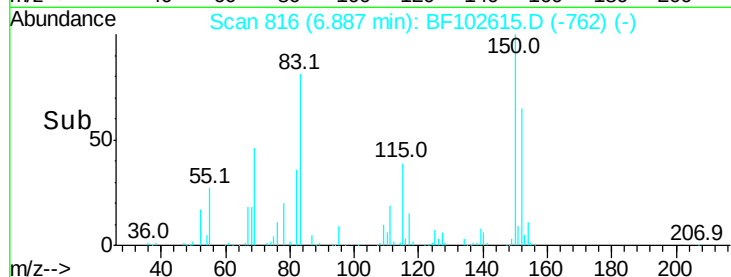
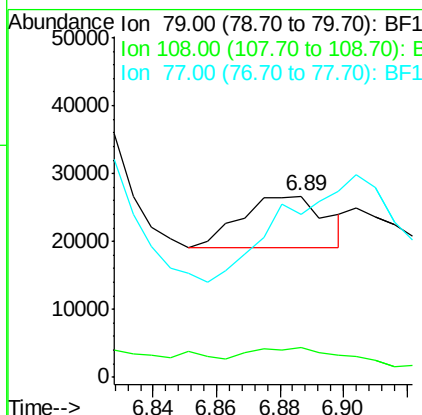
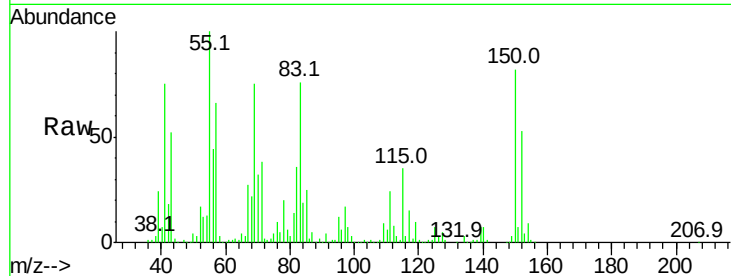




#15
Benzyl Alcohol
Concen: 2.104 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.02 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

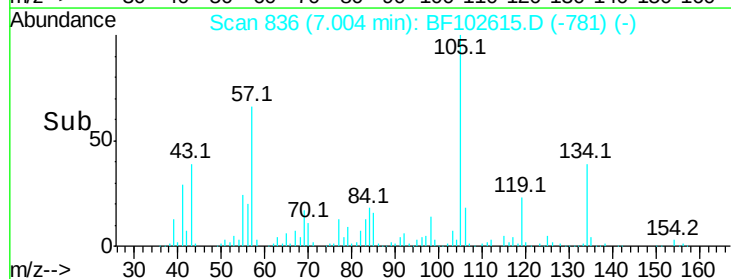
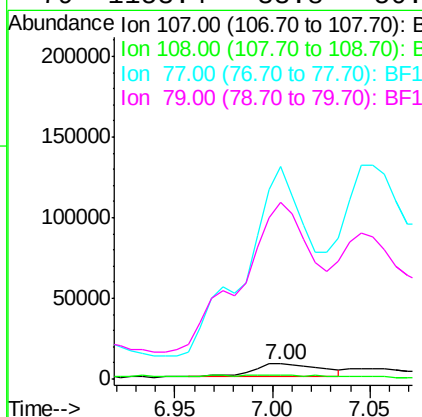
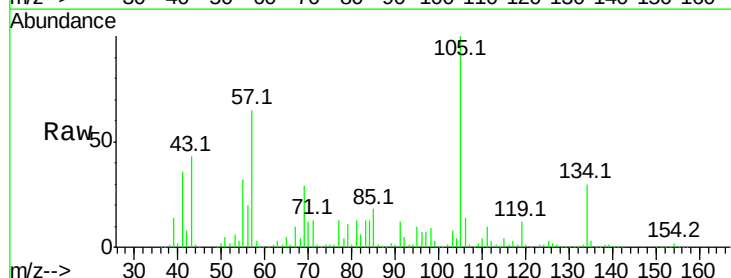
Instrument :
BNA_F
ClientSampled :

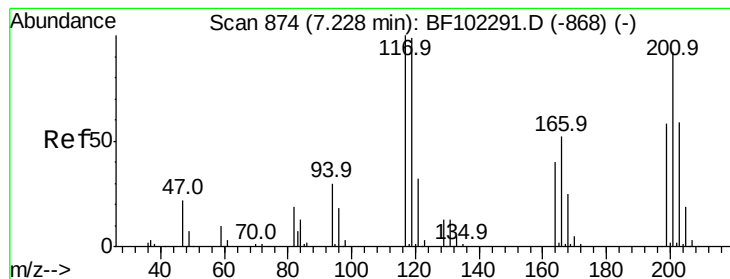
Tot Ion: 79 Resp: 14431
Ion Ratio Lower Upper
79 100
108 16.3 65.1 97.7#
77 90.1 50.6 75.8#



#17
2-Methylphenol
Concen: 2.631 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.02 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion: 107 Resp: 19318
Ion Ratio Lower Upper
107 100
108 22.2 91.7 137.5#
77 1381.3 33.8 50.8#
79 1153.4 33.8 50.8#





#18

Hexachloroethane

Concen: 56.679 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

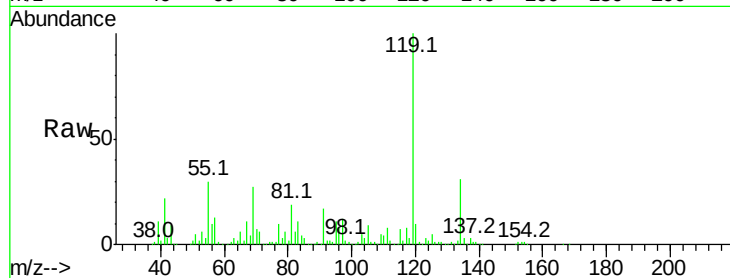
Tot Ion:117 Resp: 198934

Ion Ratio Lower Upper

117 100

119 1183.1 75.8 113.8#

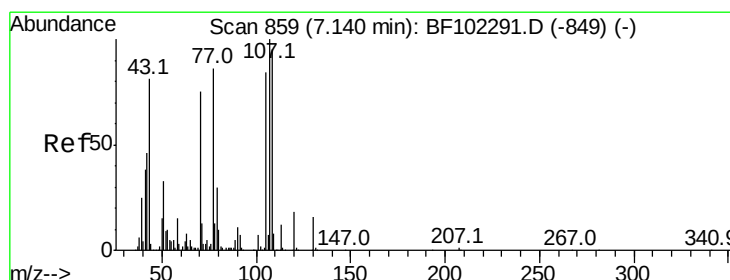
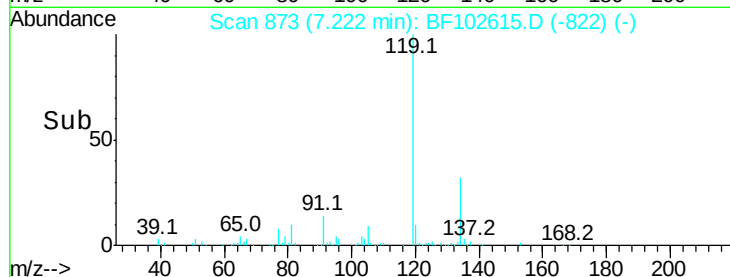
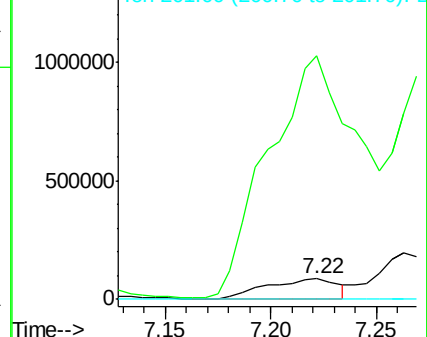
201 0.0 75.7 113.5#



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: 12.116 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.03 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Tgt Ion: 70 Resp: 72097

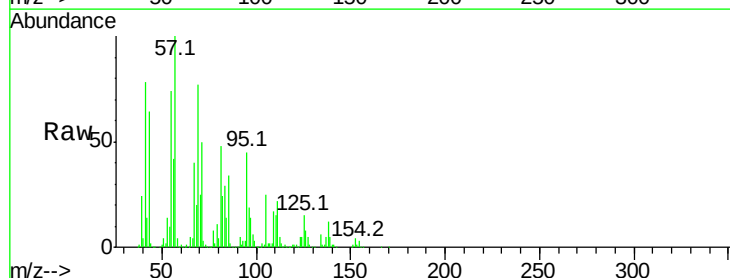
Ion Ratio Lower Upper

70 100

42 58.5 47.5 71.3

101 0.5 7.4 11.2#

130 0.0 16.6 25.0#

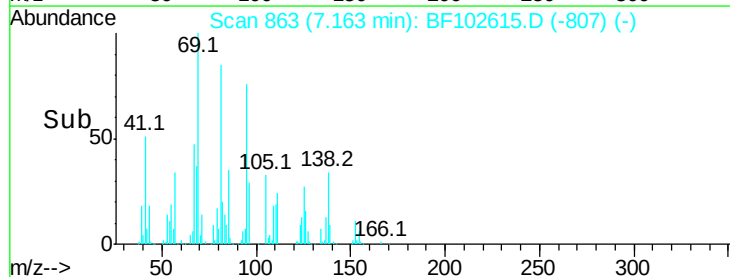
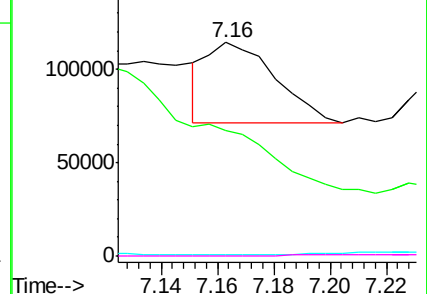


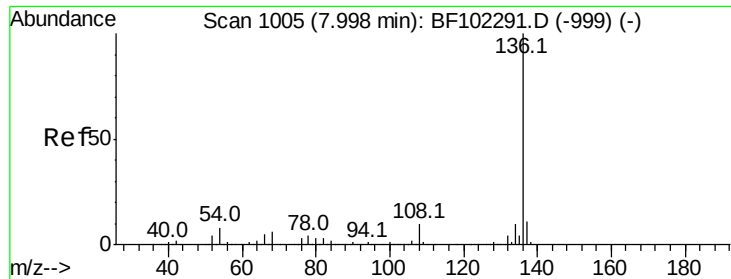
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 120421

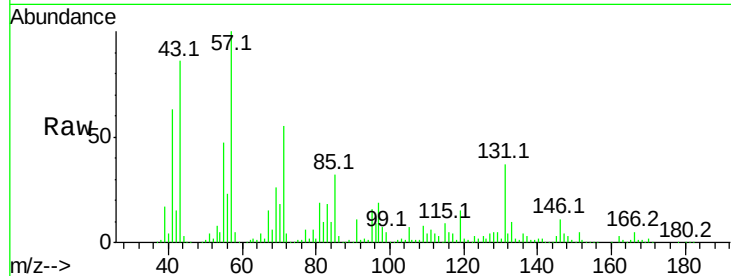
Ion Ratio Lower Upper

136 100

137 58.7 8.9 13.3#

54 126.9 6.6 9.8#

68 132.4 5.0 7.4#

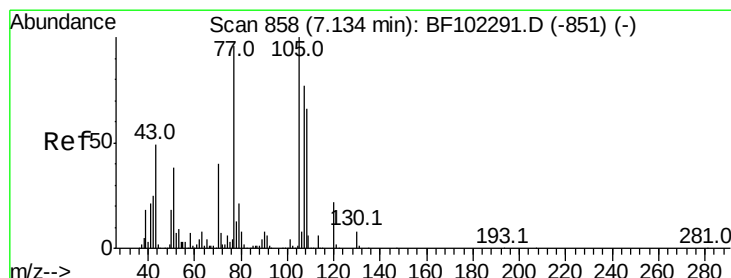
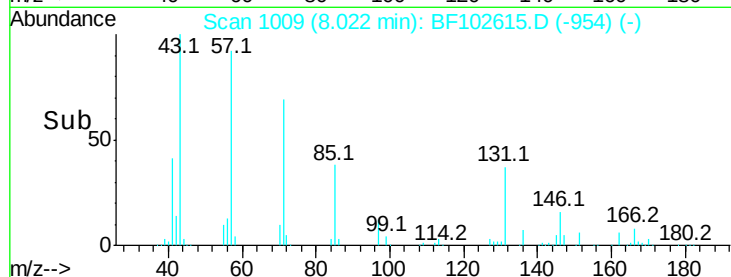
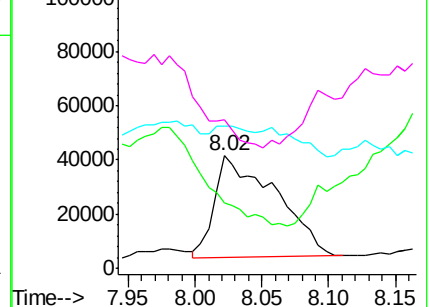


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 482.976 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Tgt Ion:105 Resp: 1386448

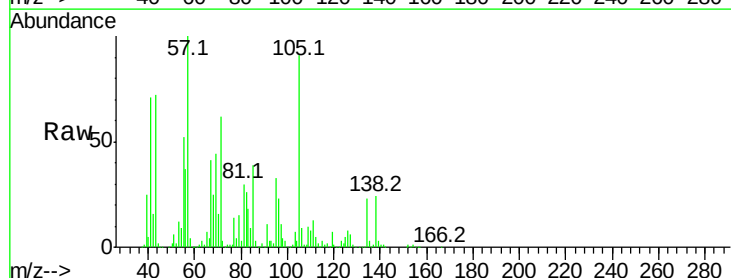
Ion Ratio Lower Upper

105 100

71 68.7 4.4 6.6#

51 6.7 22.3 33.5#

120 0.7 16.9 25.3#

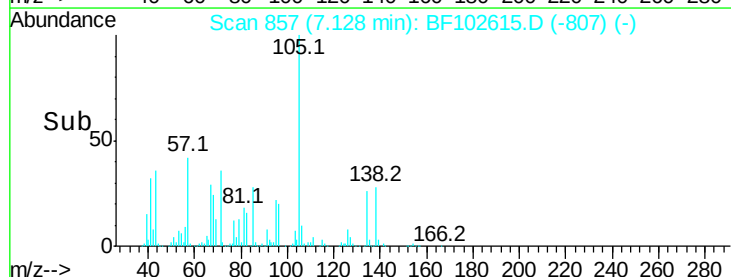
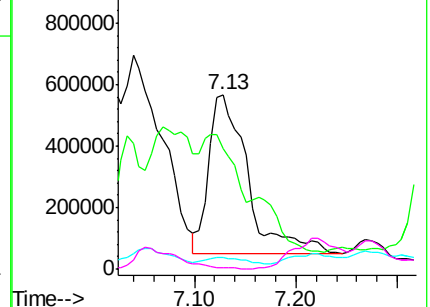


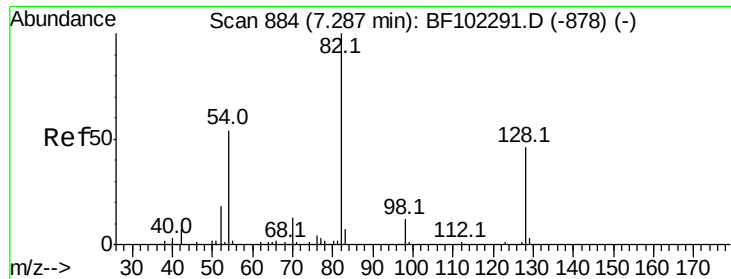
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

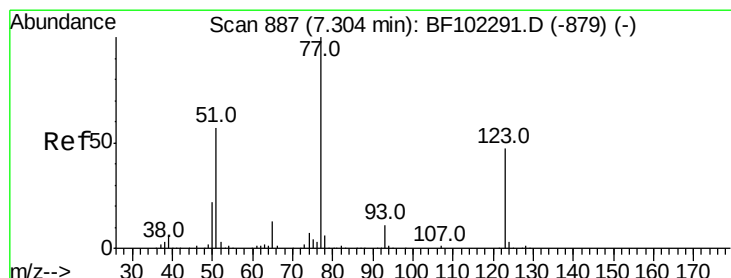
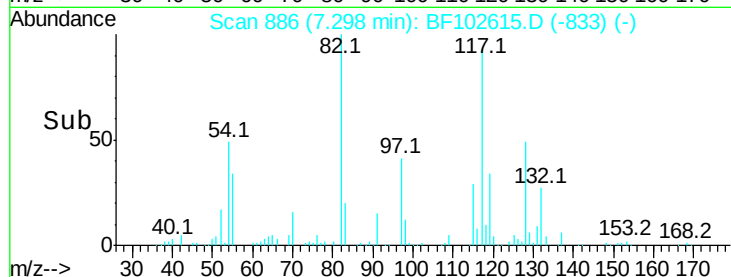
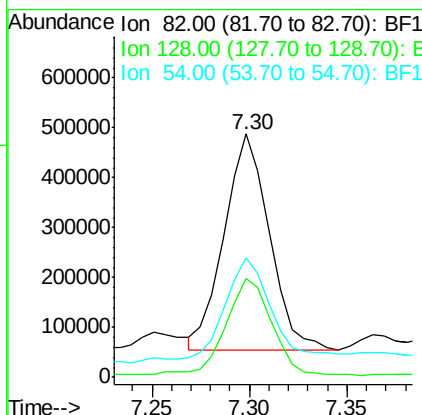
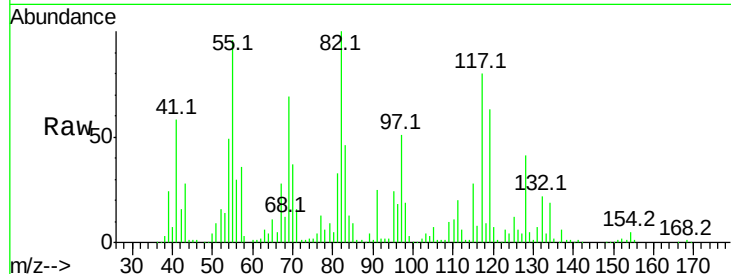




#23
 Nitrobenzene-d5
 Concen: 328.561 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

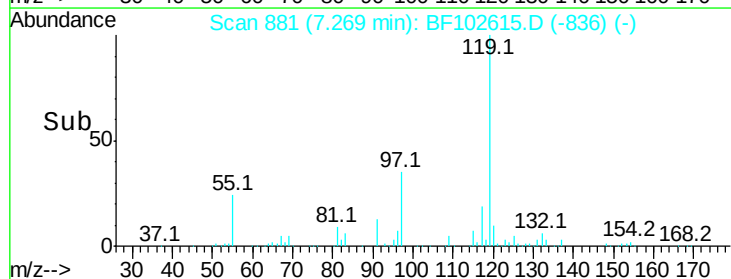
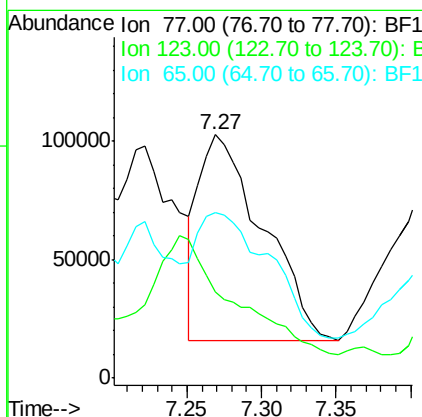
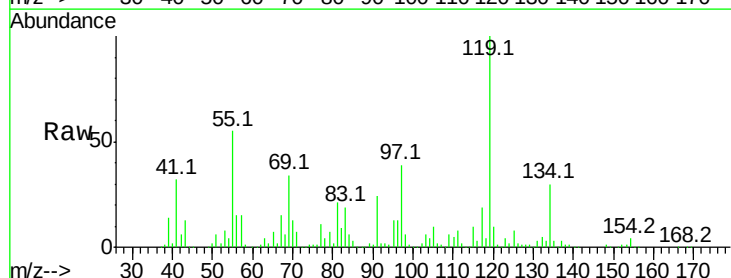
Instrument :
 BNA_F
 ClientSampleId :

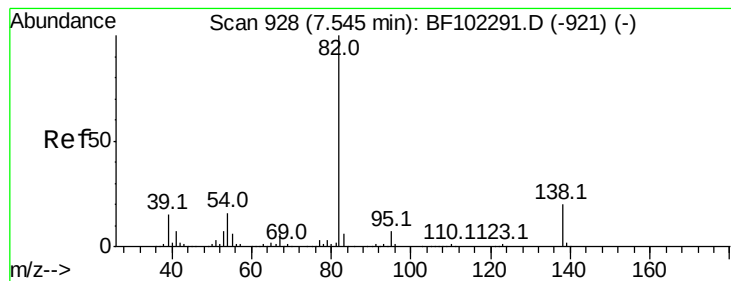
Tot Ion: 82 Resp: 688494
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.1 54.1
 54 49.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 119.955 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.04 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Tgt Ion: 77 Resp: 257238
 Ion Ratio Lower Upper
 77 100
 123 35.2 37.9 56.9#
 65 68.2 11.0 16.4#





#25

Isophorone

Concen: 49.917 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

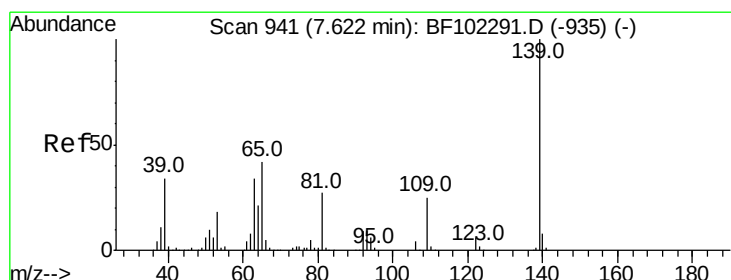
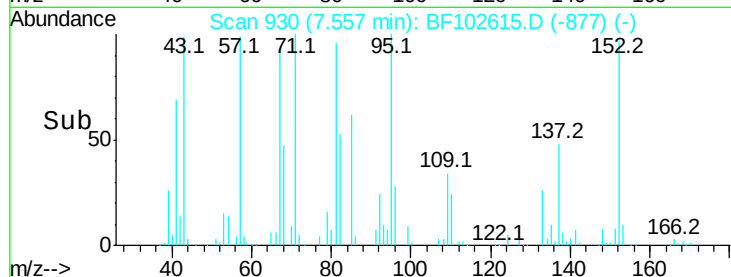
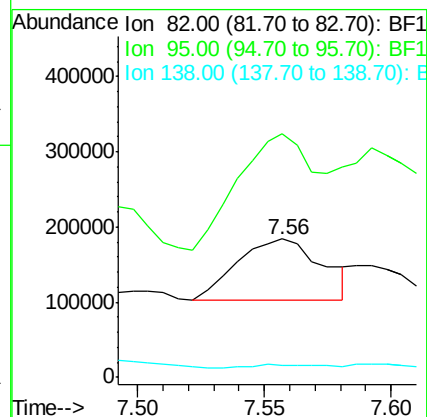
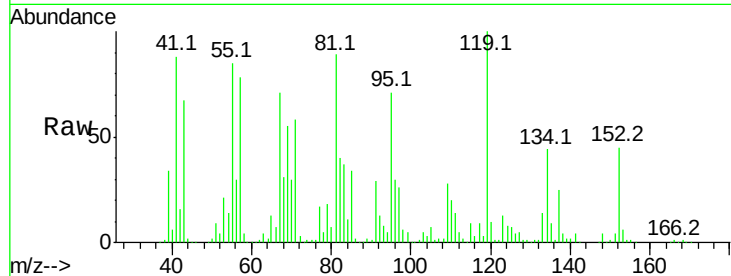
Tot Ion: 82 Resp: 186475

Ion Ratio Lower Upper

82 100

95 176.2 5.2 7.8#

138 8.9 14.9 22.3#



#26

2-Nitrophenol

Concen: 6.114 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

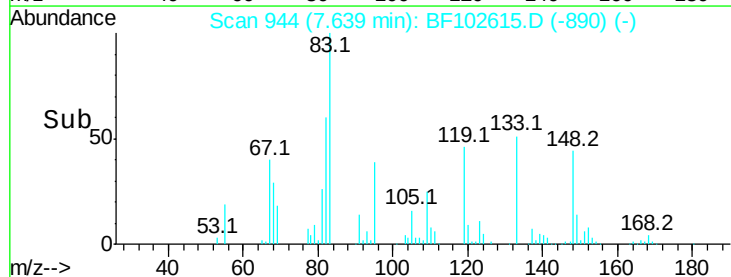
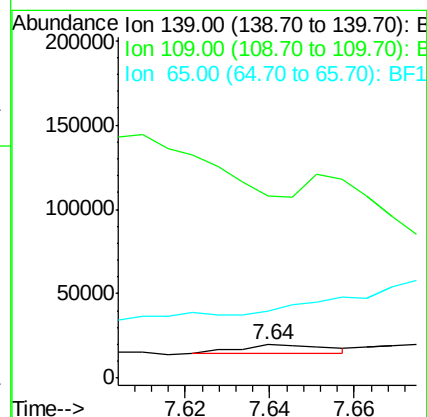
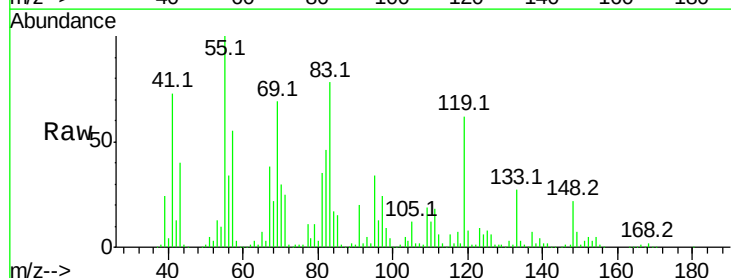
Tgt Ion: 139 Resp: 6901

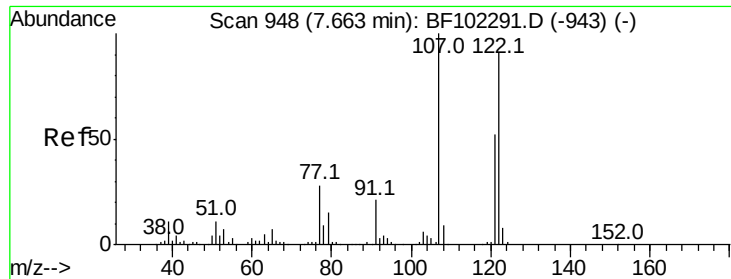
Ion Ratio Lower Upper

139 100

109 547.5 22.7 34.1#

65 201.7 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 5.136 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

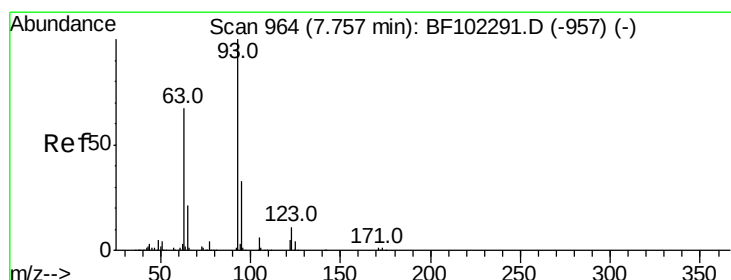
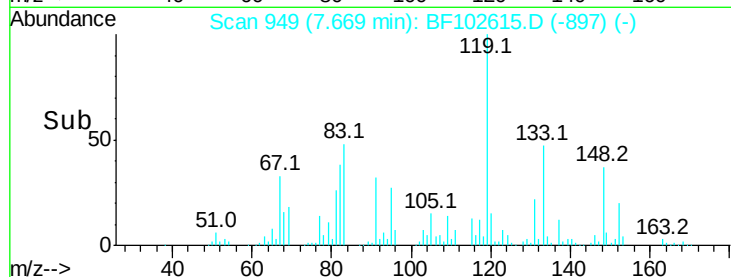
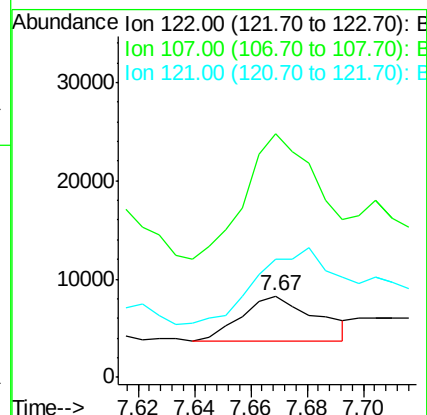
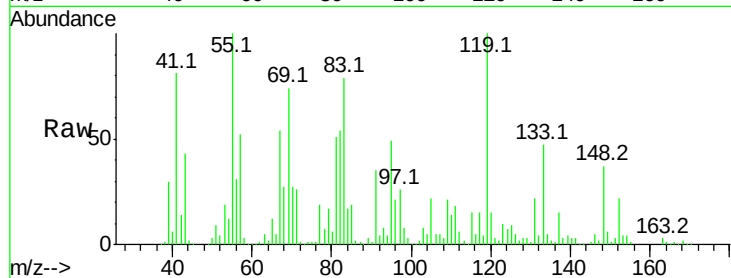
Tot Ion:122 Resp: 8417

Ion Ratio Lower Upper

122 100

107 298.7 91.2 136.8#

121 144.5 47.2 70.8#



#28

bis(2-Chloroethoxy)methane

Concen: 23.390 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.06 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

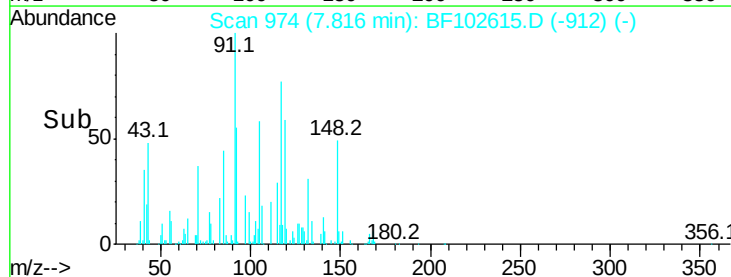
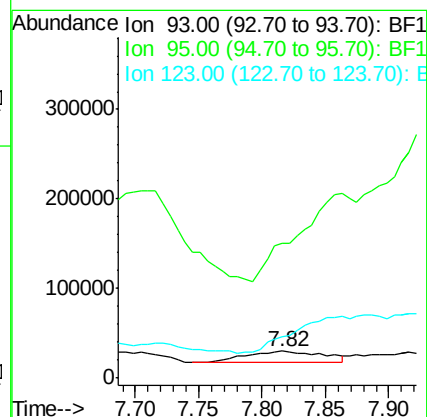
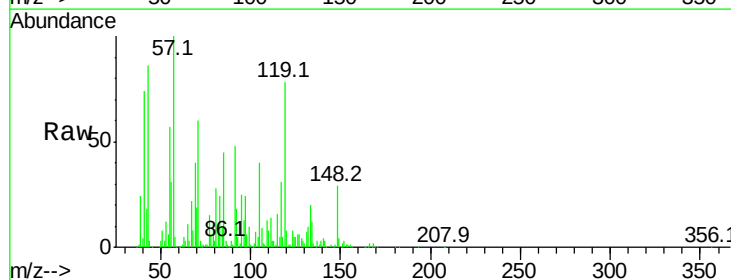
Tgt Ion: 93 Resp: 53977

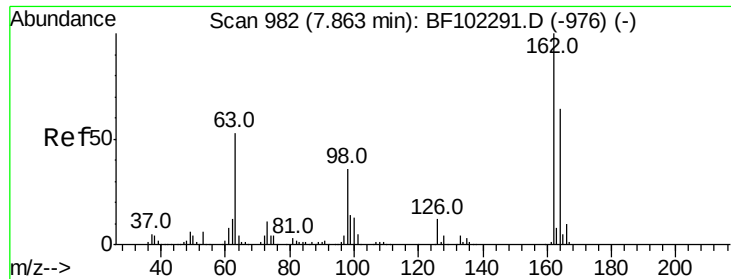
Ion Ratio Lower Upper

93 100

95 499.7 26.3 39.5#

123 154.3 9.8 14.6#





#29

2,4-Dichlorophenol

Concen: 16.169 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

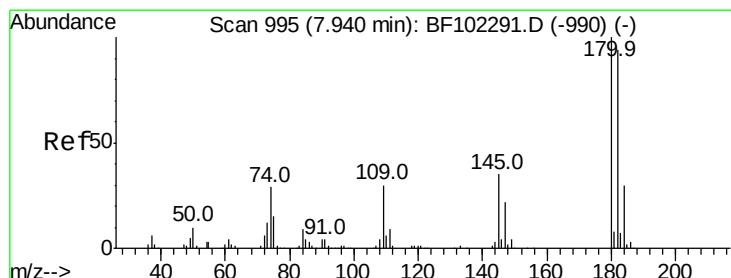
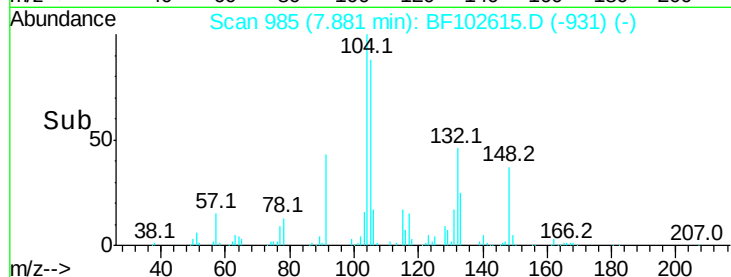
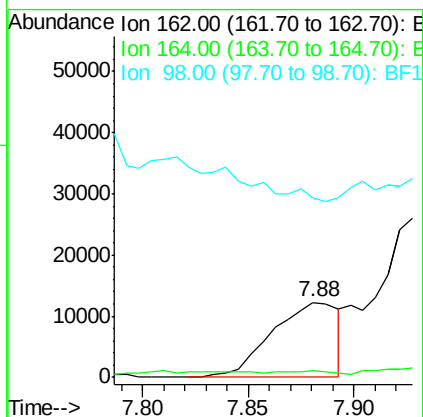
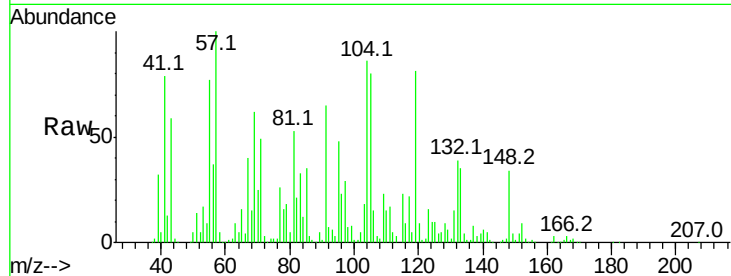
Tot Ion:162 Resp: 26992

Ion Ratio Lower Upper

162 100

164 8.5 42.7 82.7#

98 240.9 18.1 58.1#



#30

1,2,4-Trichlorobenzene

Concen: 4.377 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

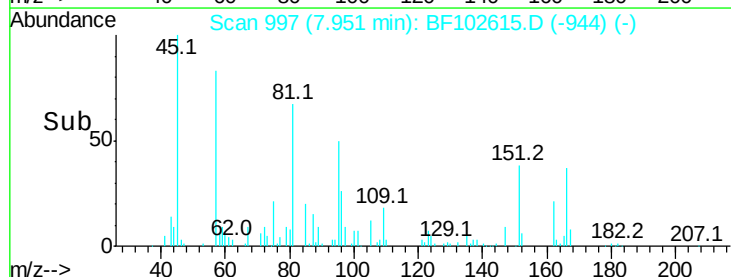
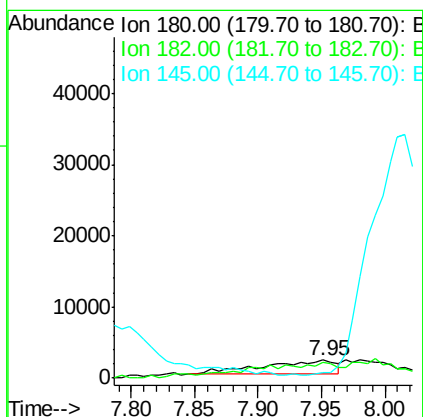
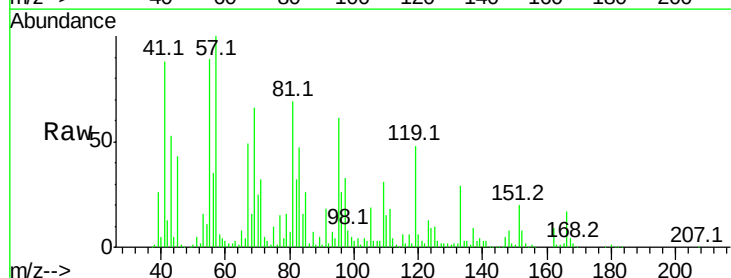
Tgt Ion:180 Resp: 7833

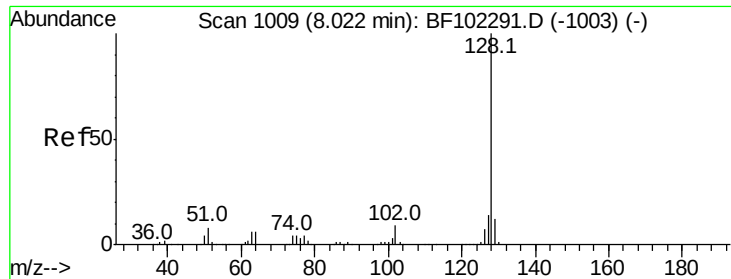
Ion Ratio Lower Upper

180 100

182 86.2 76.8 115.2

145 30.7 26.5 39.7





#31

Naphthalene

Concen: 27.155 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

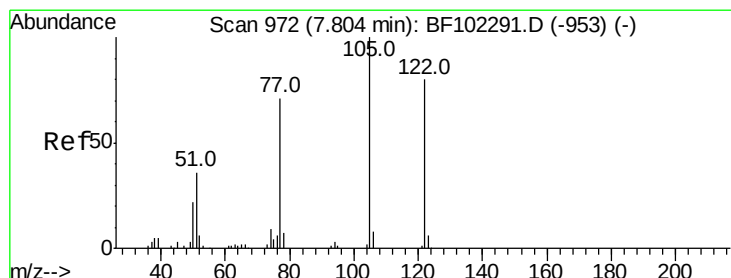
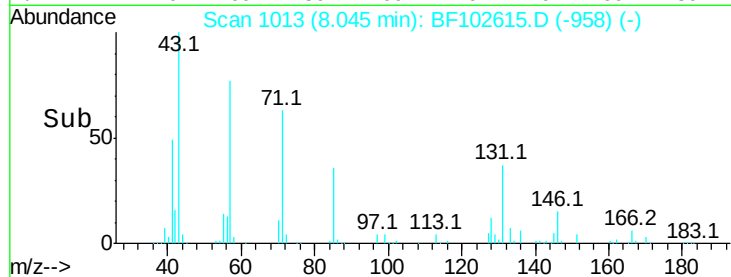
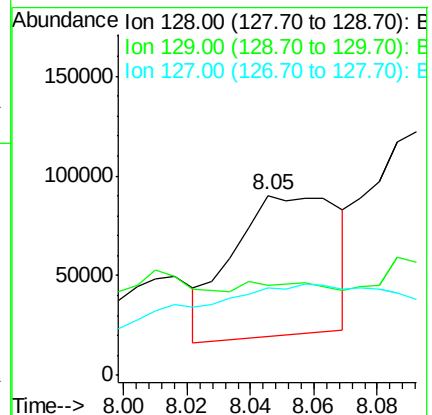
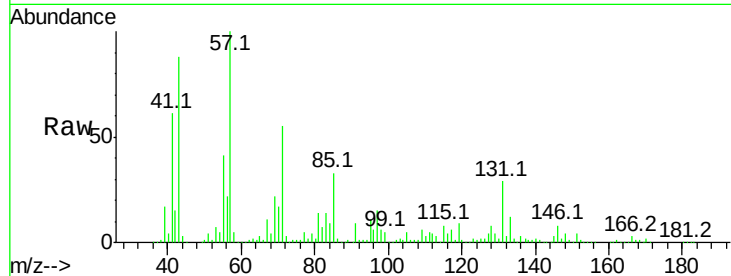
Tot Ion:128 Resp: 163268

Ion Ratio Lower Upper

128 100

129 50.3 8.8 13.2#

127 48.3 10.9 16.3#



#32

Benzoic acid

Concen: 22.718 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.04 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

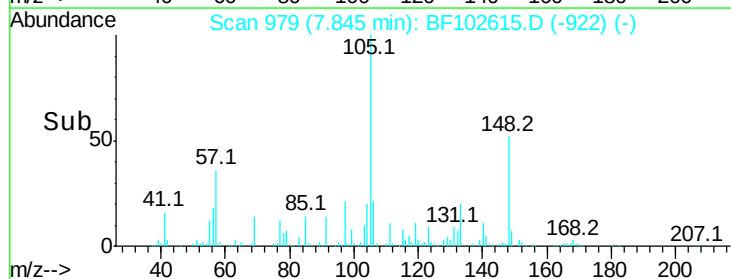
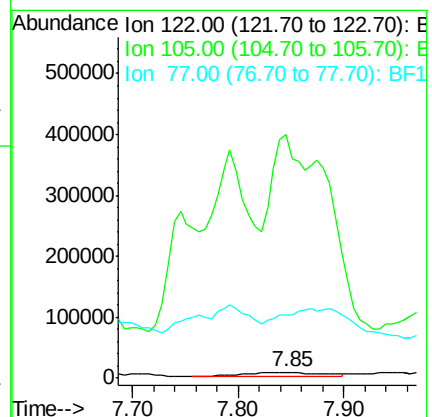
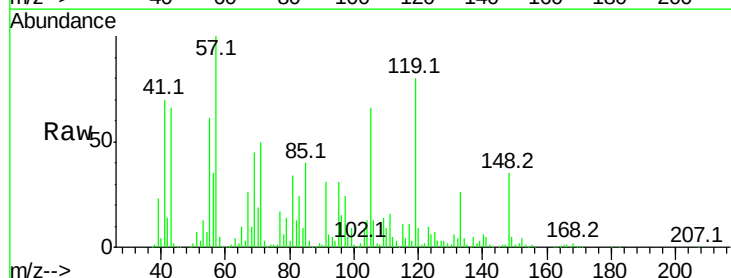
Tgt Ion:122 Resp: 31194

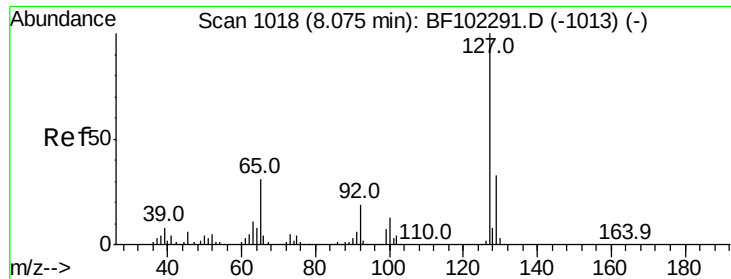
Ion Ratio Lower Upper

122 100

105 4343.1 101.1 141.1#

77 1131.7 70.7 110.7#

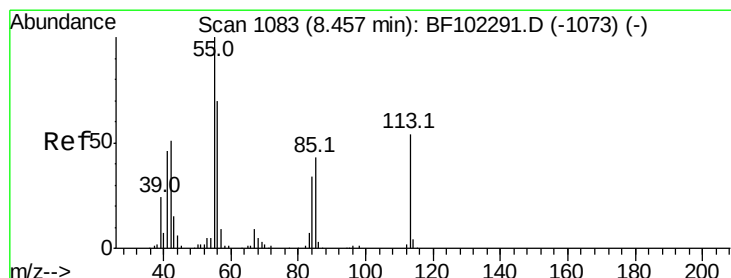
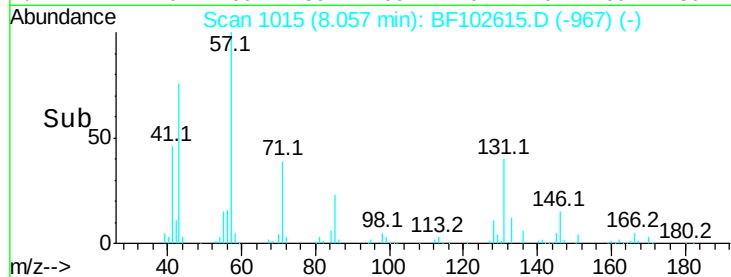
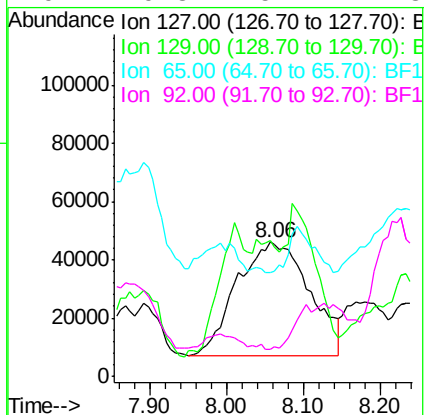
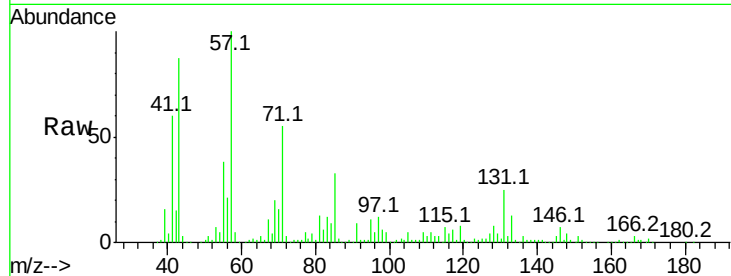




#33
4-Chloroaniline
Concen: 101.034 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

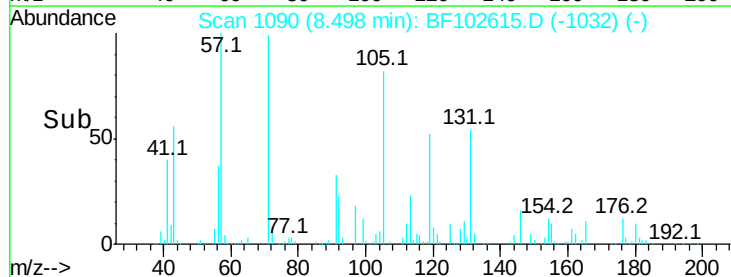
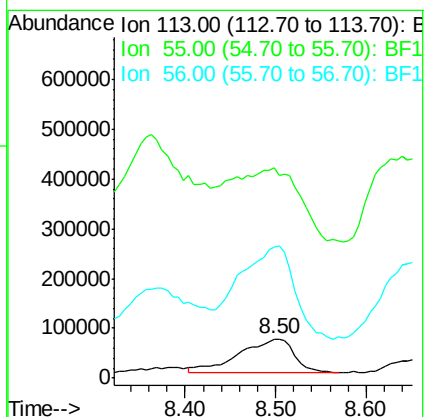
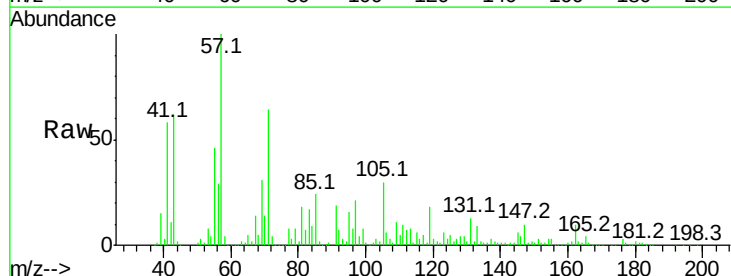
Instrument :
BNA_F
ClientSampleId :

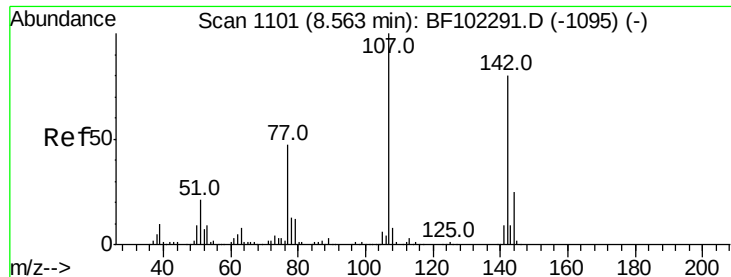
Tot Ion	Ratio	Lower	Upper
127	100		
129	101.1	25.9	38.9#
65	77.5	25.0	37.4#
92	19.8	15.2	22.8



#35
Caprolactam
Concen: 530.530 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.04 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion	Ratio	Lower	Upper
113	100		
55	542.0	163.3	203.3#
56	337.5	115.7	155.7#

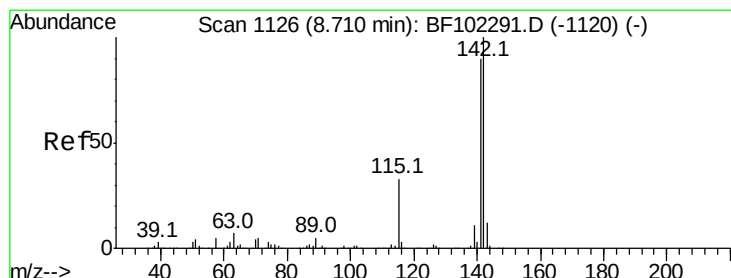
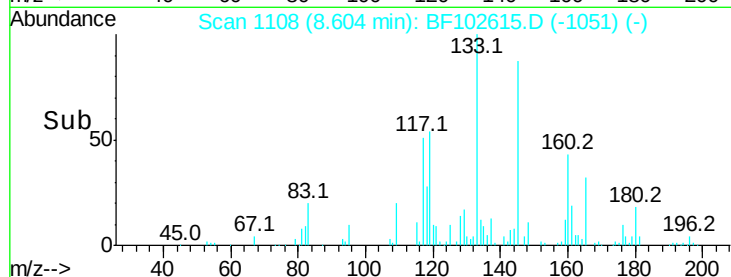
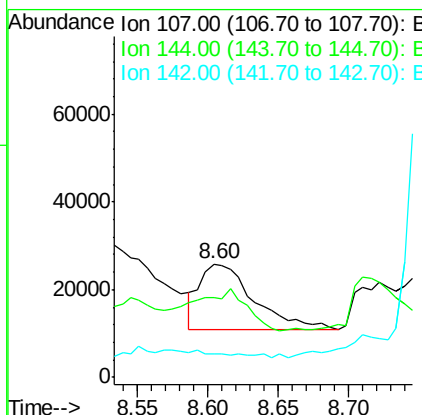
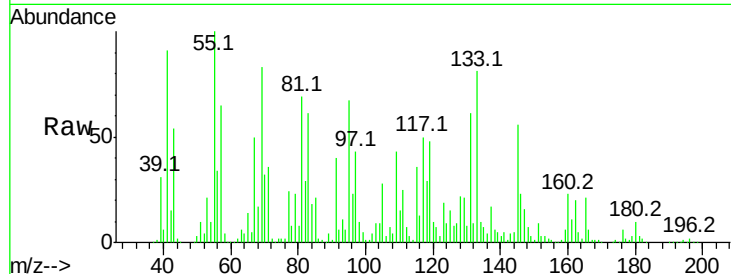




#36
4-Chloro-3-methylphenol
Concen: 22.438 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.04 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

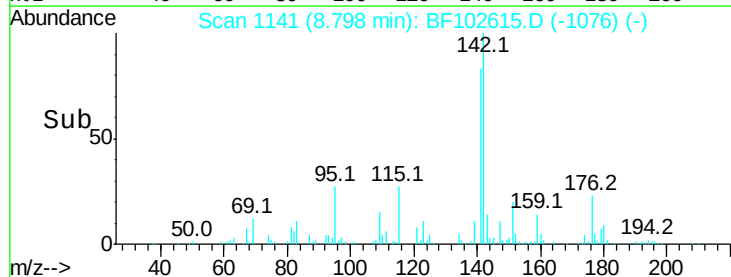
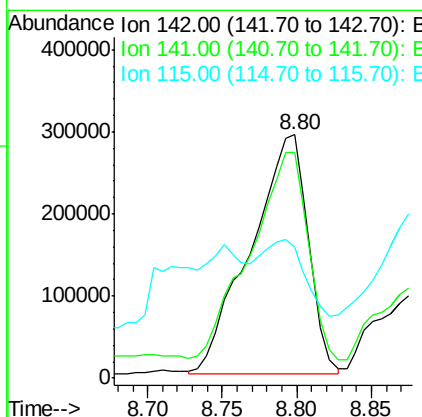
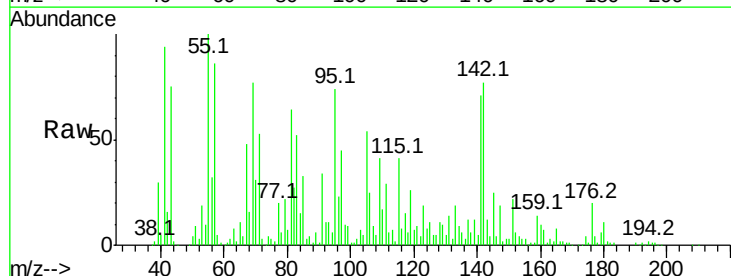
Instrument :
BNA_F
ClientSampleId :

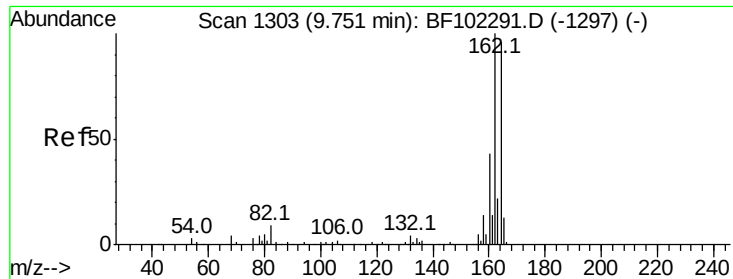
Tot Ion:107 Resp: 39483
Ion Ratio Lower Upper
107 100
144 70.1 20.5 30.7#
142 20.6 62.0 93.0#



#37
2-Methylnaphthalene
Concen: 194.965 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:142 Resp: 780664
Ion Ratio Lower Upper
142 100
141 92.9 70.8 106.2
115 53.7 26.1 39.1#

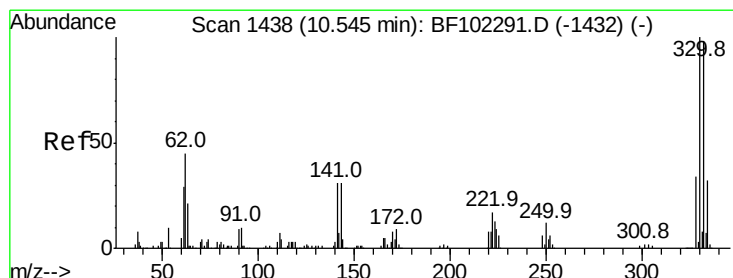
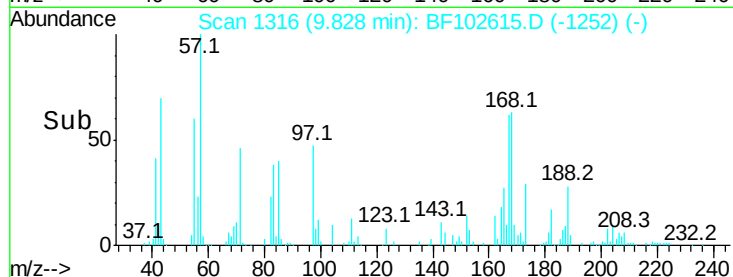
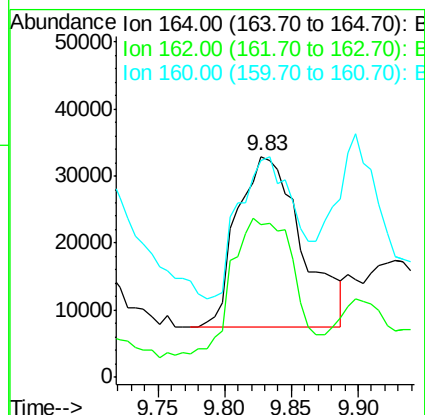
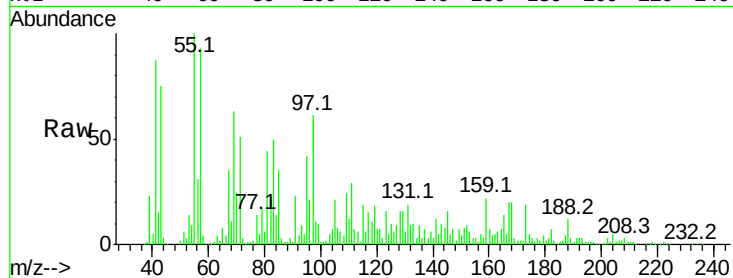




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

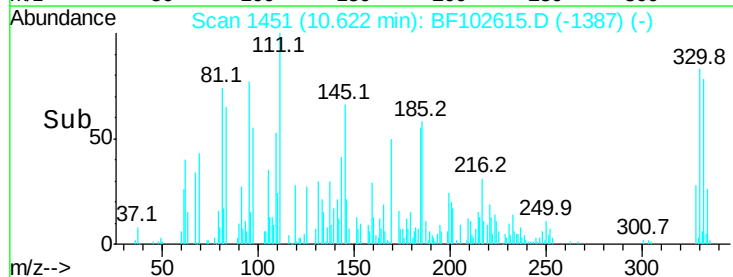
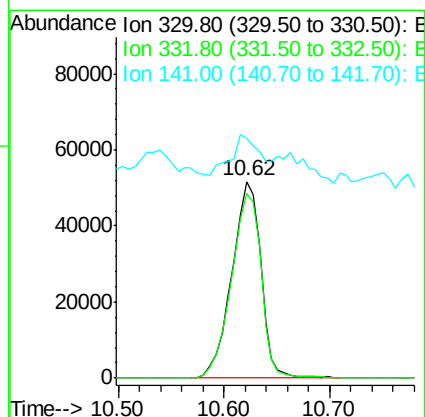
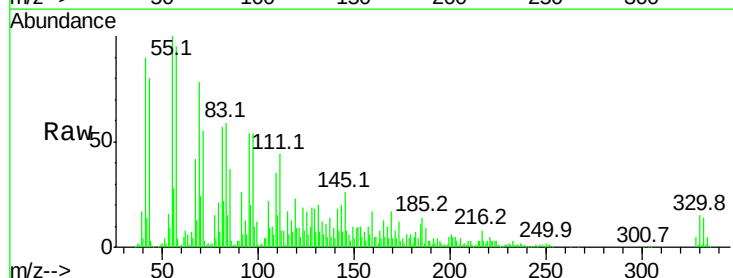
Instrument :
BNA_F
ClientSampleId :

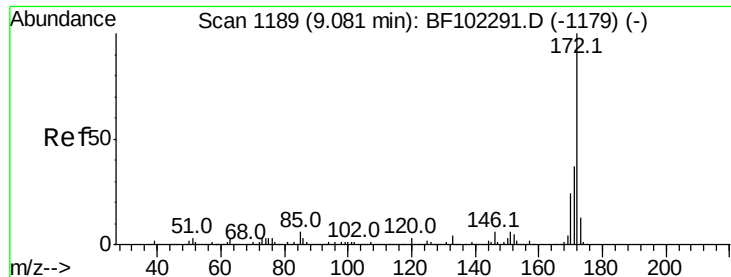
Tot Ion:164 Resp: 85889
Ion Ratio Lower Upper
164 100
162 69.4 86.1 129.1#
160 98.2 38.3 57.5#



#41
2,4,6-Tribromophenol
Concen: 114.843 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:330 Resp: 97736
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 20.7 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 93.167 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.06 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

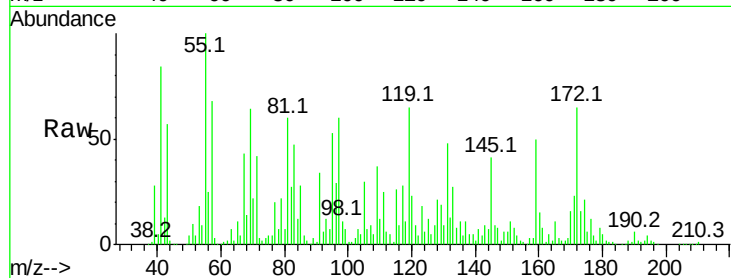
Tot Ion:172 Resp: 544223

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

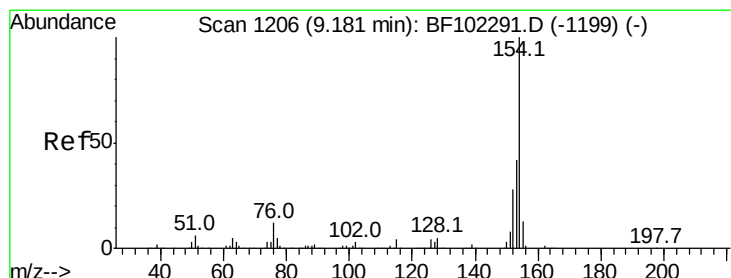
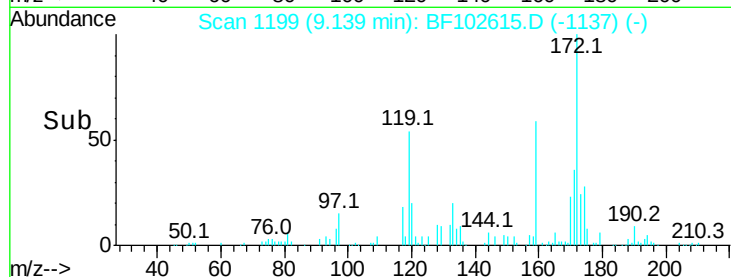
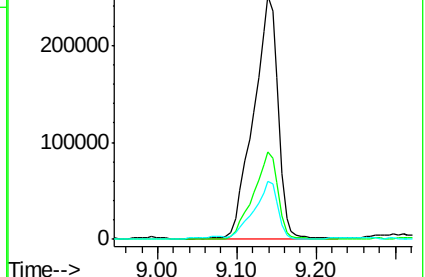
170 23.8 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 20.039 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.05 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

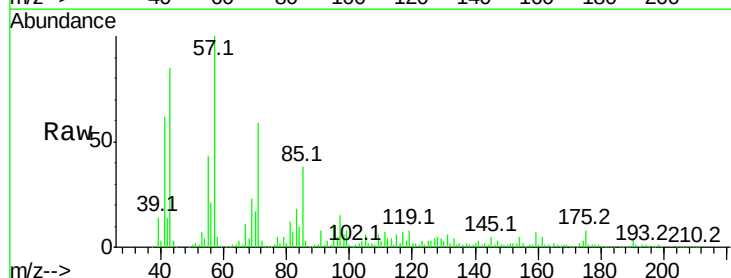
Tgt Ion:154 Resp: 153894

Ion Ratio Lower Upper

154 100

153 42.9 21.3 61.3

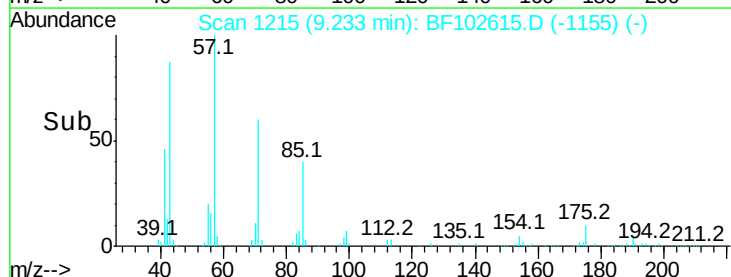
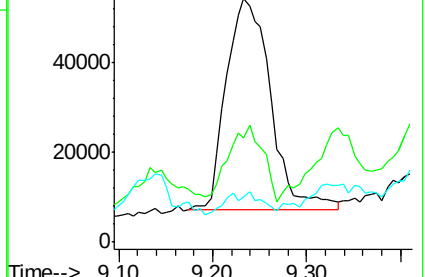
76 18.8 0.0 34.0

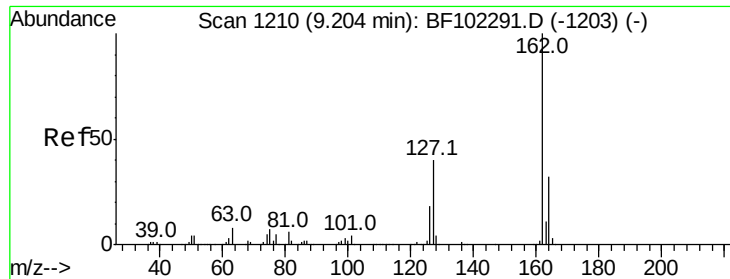


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

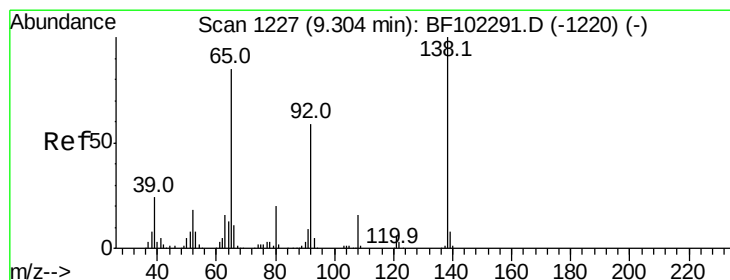
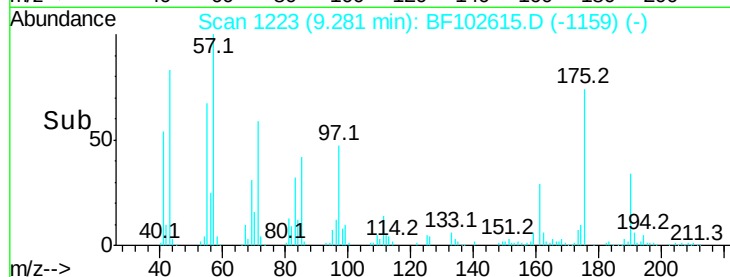
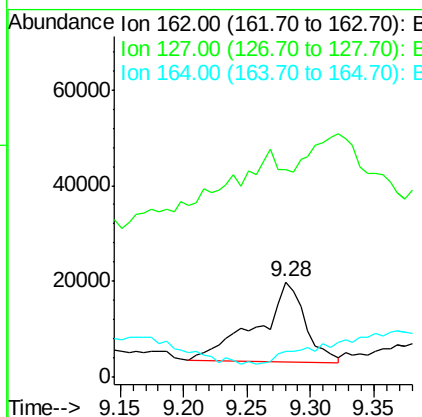
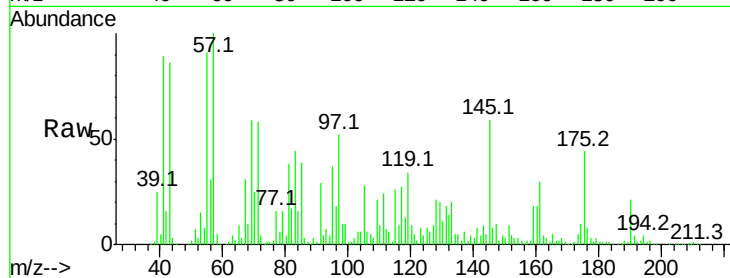




#46
2-Chloronaphthalene
Concen: 7.440 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.08 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

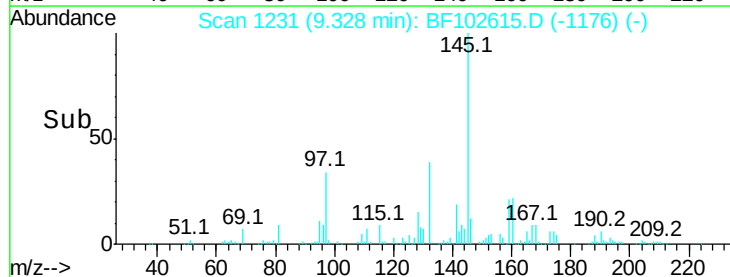
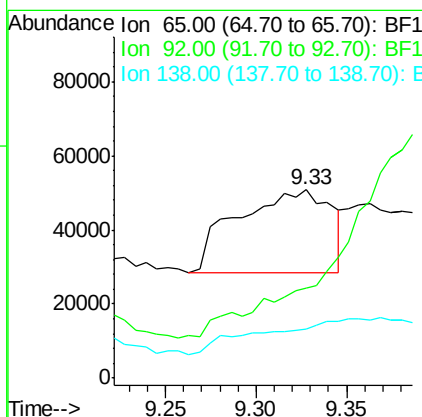
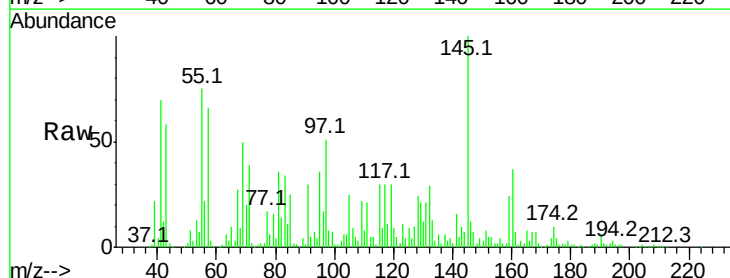
Instrument :
BNA_F
ClientSampleId :

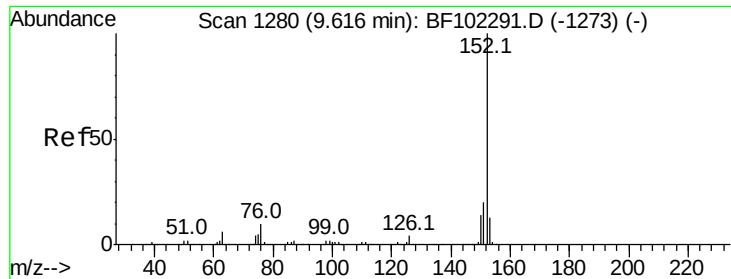
Tot Ion:162 Resp: 44415
Ion Ratio Lower Upper
162 100
127 217.1 33.9 50.9#
164 26.6 26.5 39.7



#47
2-Nitroaniline
Concen: 43.785 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.02 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion: 65 Resp: 81487
Ion Ratio Lower Upper
65 100
92 47.9 55.8 83.6#
138 26.2 91.2 136.8#





#48

Acenaphthylene

Concen: 3.096 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

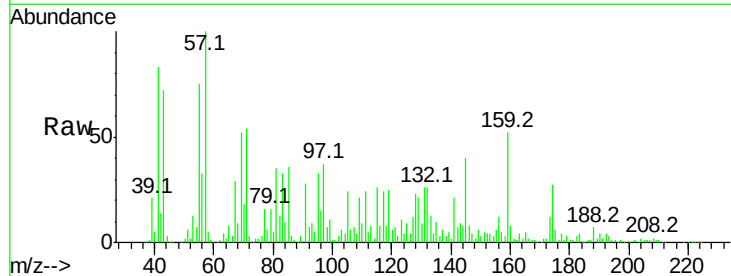
Tot Ion:152 Resp: 28791

Ion Ratio Lower Upper

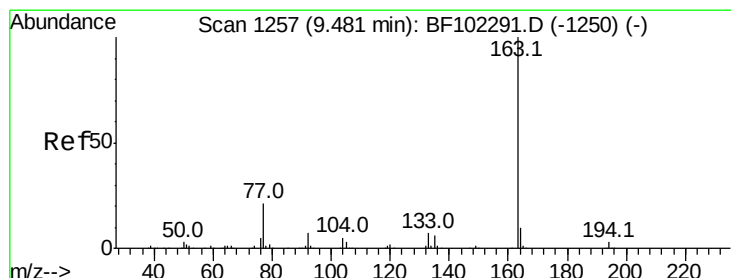
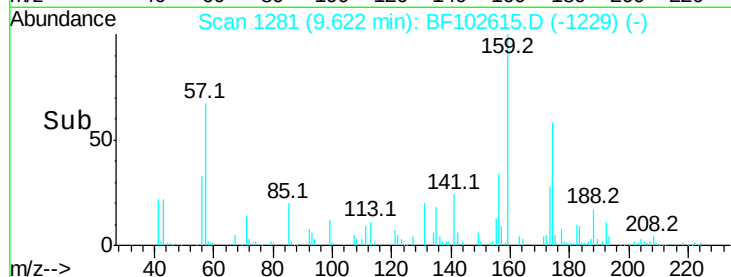
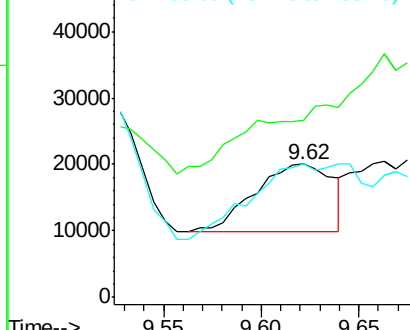
152 100

151 133.1 16.3 24.5#

153 100.5 10.7 16.1#



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: 9.437 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.18 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

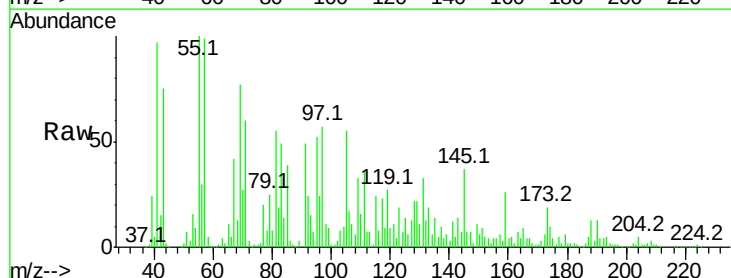
Tgt Ion:163 Resp: 66996

Ion Ratio Lower Upper

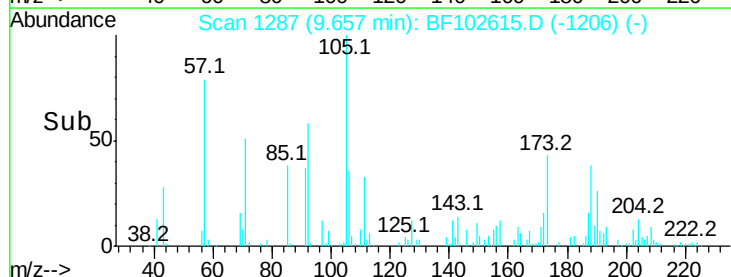
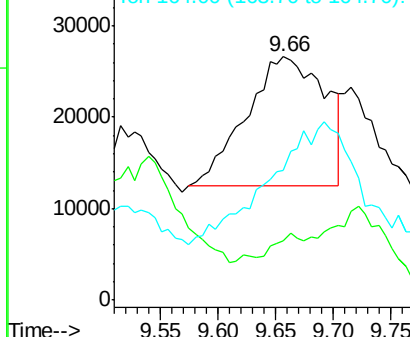
163 100

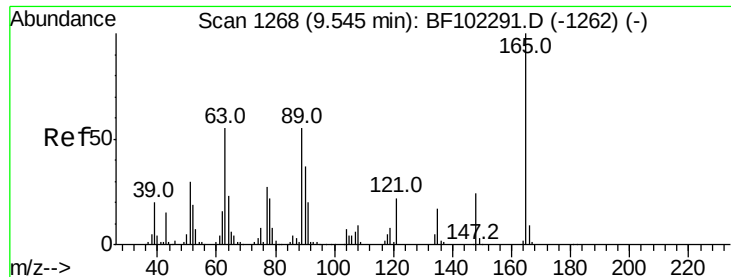
194 24.2 2.7 4.1#

164 53.0 8.2 12.2#



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

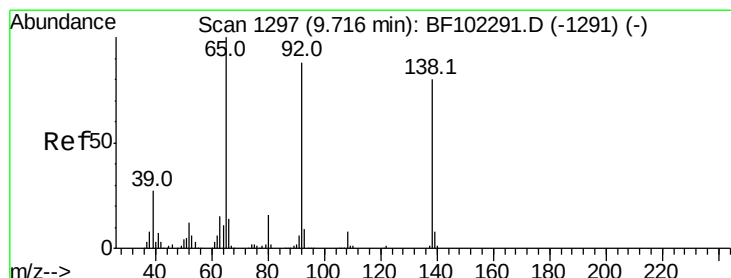
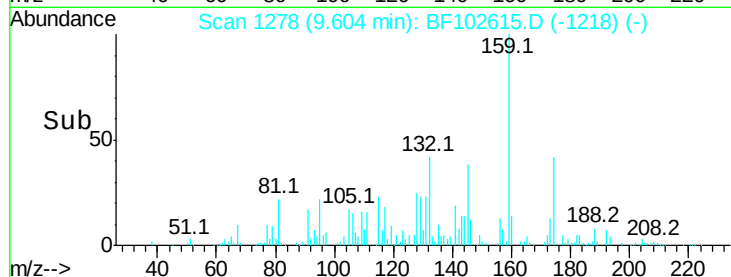
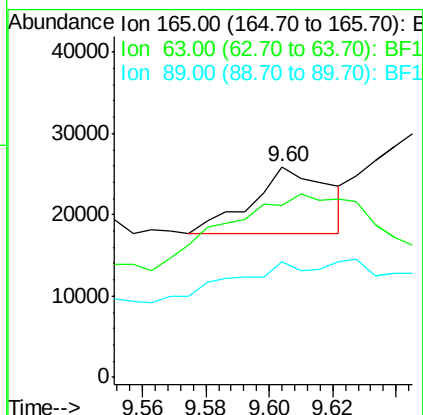
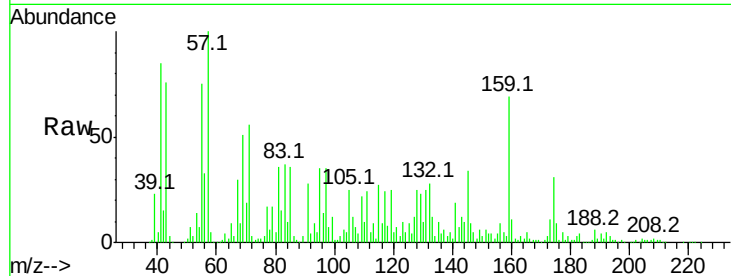




#50
 2,6-Dinitrotoluene
 Concen: 8.966 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.05 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

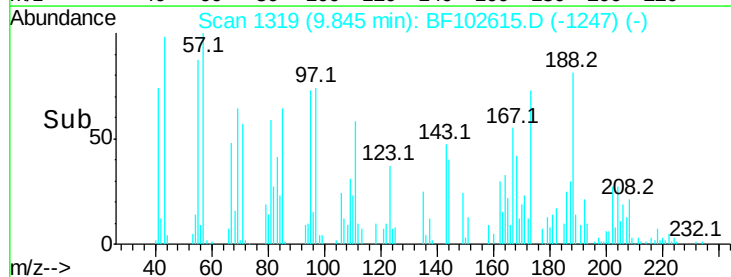
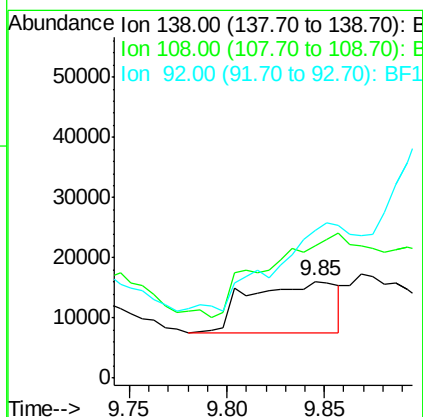
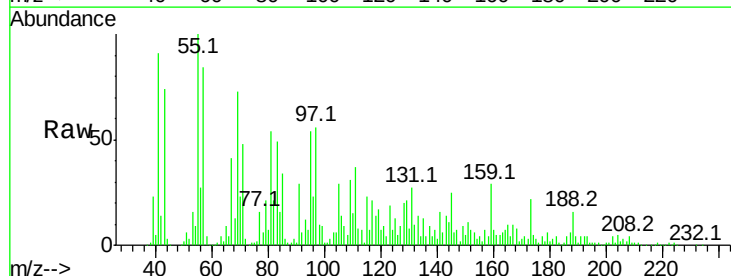
Instrument :
 BNA_F
 ClientSampled :

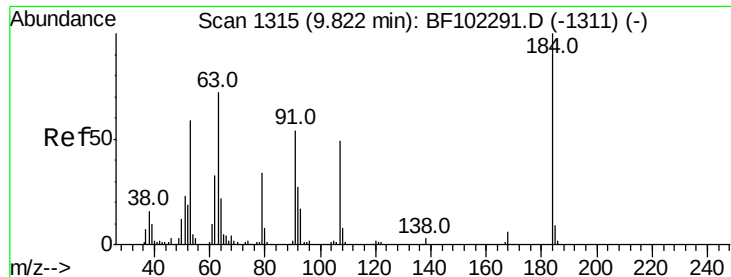
Tot Ion:165 Resp: 13723
 Ion Ratio Lower Upper
 165 100
 63 81.9 44.7 67.1#
 89 54.7 44.0 66.0



#52
 3-Nitroaniline
 Concen: 14.503 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.12 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Tgt Ion:138 Resp: 26261
 Ion Ratio Lower Upper
 138 100
 108 136.3 9.4 14.0#
 92 152.0 89.4 134.2#

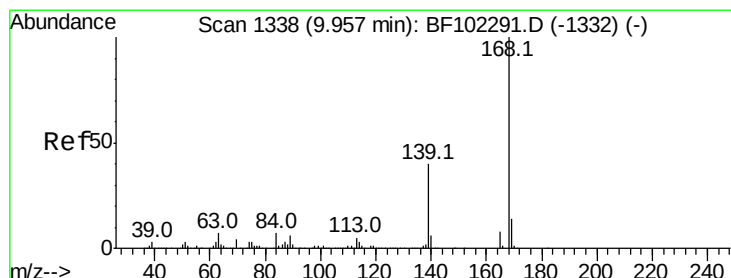
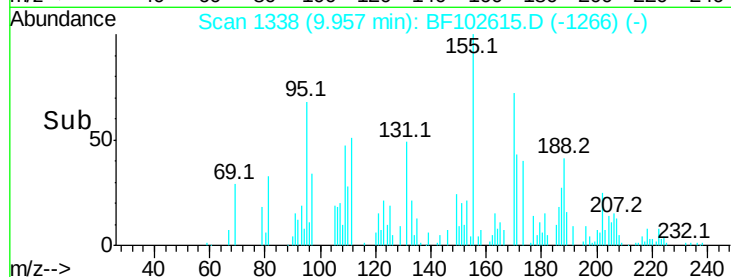
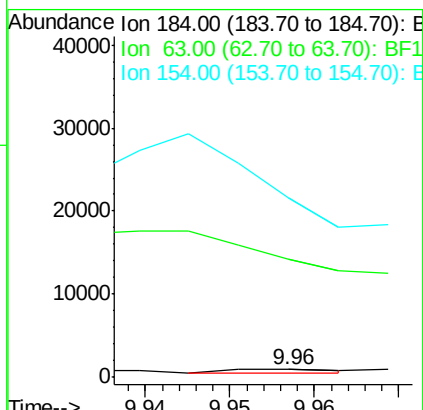
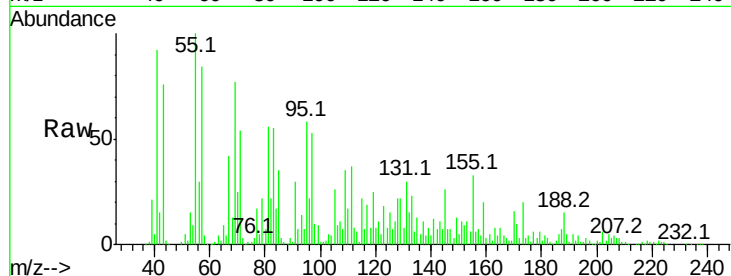




#53
2,4-Dinitrophenol
Concen: 4.150 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.12 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

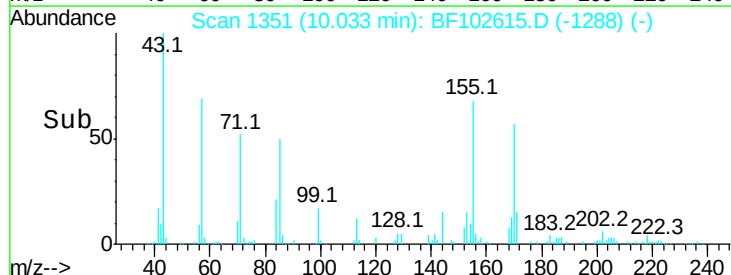
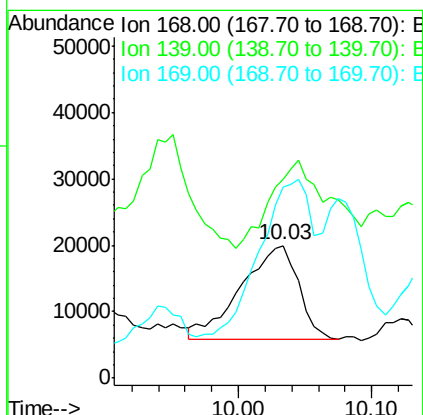
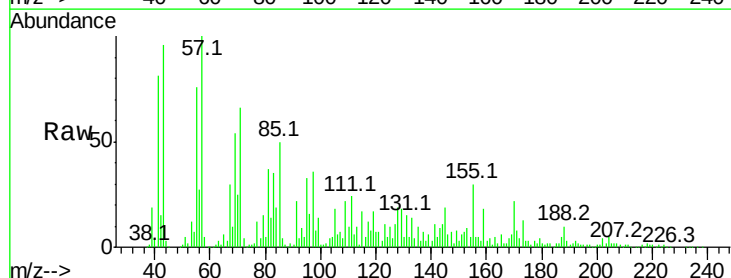
Instrument :
BNA_F
ClientSampleId :

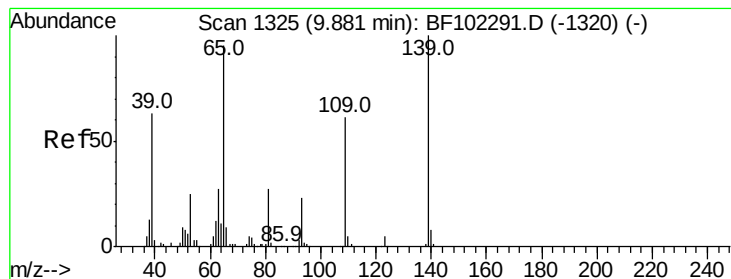
Tot Ion:184 Resp: 327
Ion Ratio Lower Upper
184 100
63 1562.6 54.2 81.2#
154 2378.8 184.0 276.0#



#54
Dibenzofuran
Concen: 5.718 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.07 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:168 Resp: 42030
Ion Ratio Lower Upper
168 100
139 150.0 30.1 45.1#
169 144.8 10.9 16.3#





#55

4-Nitrophenol

Concen: 33.700 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

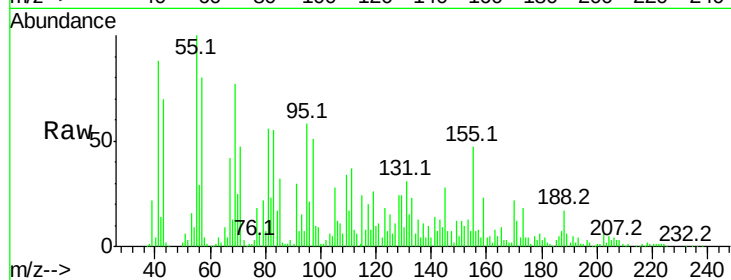
Tot Ion:139 Resp: 40279

Ion Ratio Lower Upper

139 100

109 353.8 48.4 88.4#

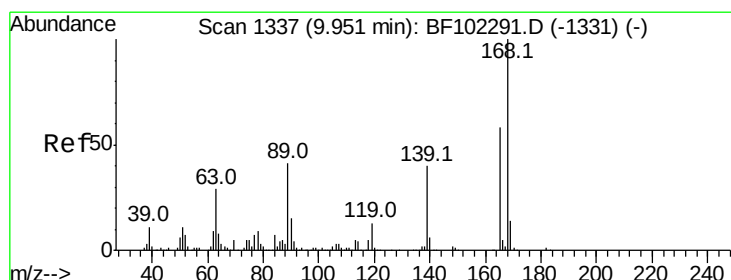
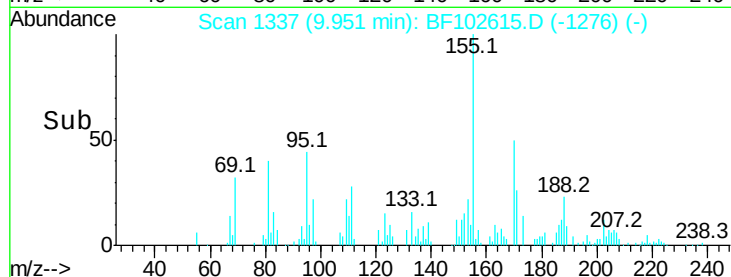
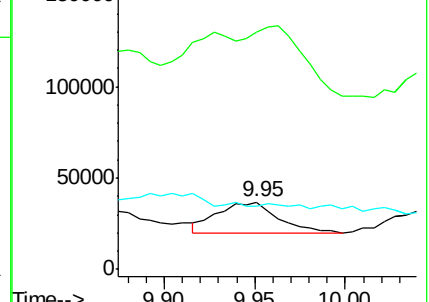
65 94.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 17.469 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.09 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Tgt Ion:165 Resp: 32881

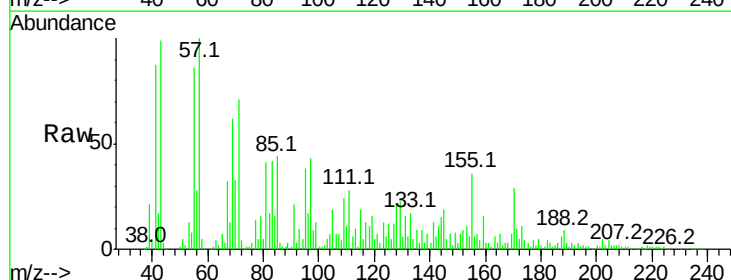
Ion Ratio Lower Upper

165 100

63 53.0 36.4 54.6

89 34.6 57.8 86.6#

182 47.7 1.6 2.4#

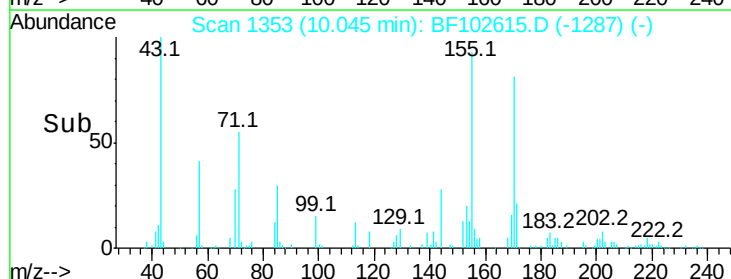
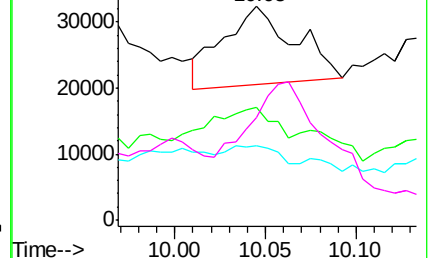


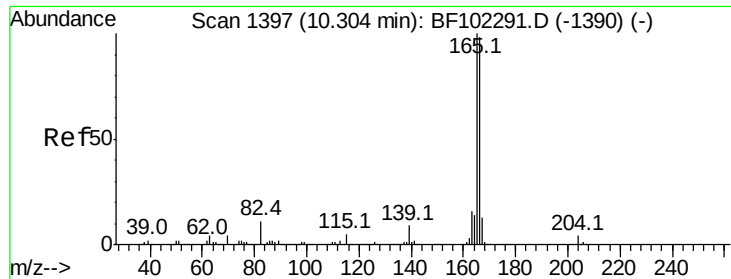
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 16.547 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.04 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

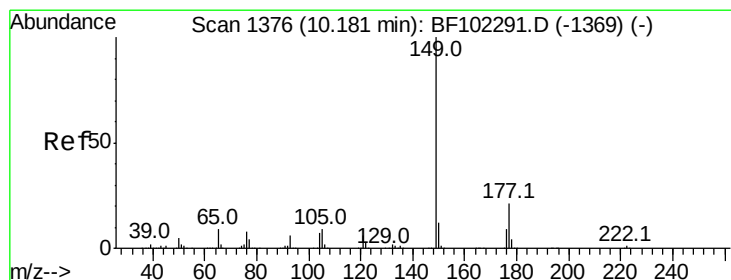
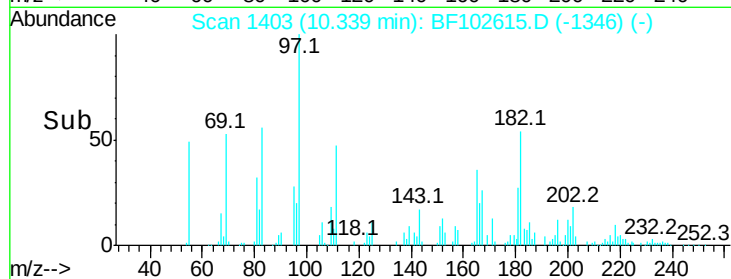
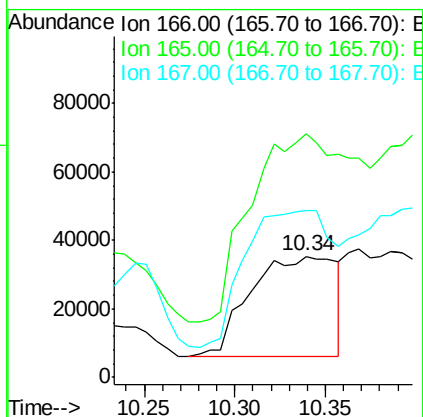
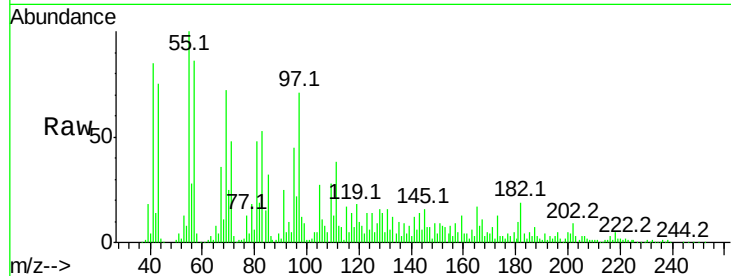
Tot Ion:166 Resp: 96383

Ion Ratio Lower Upper

166 100

165 201.0 79.8 119.8#

167 138.1 10.6 16.0#



#59

Diethylphthalate

Concen: 4.520 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.12 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

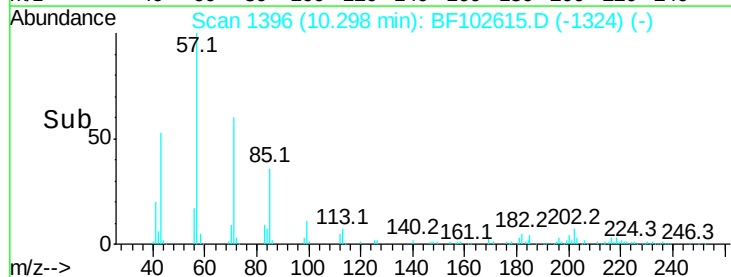
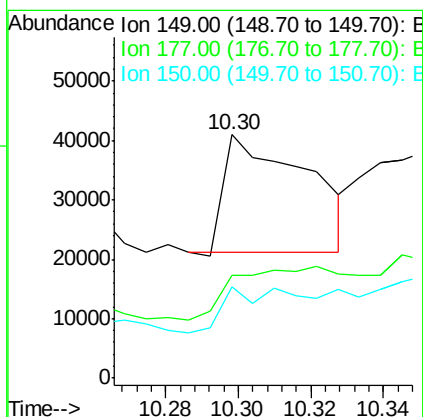
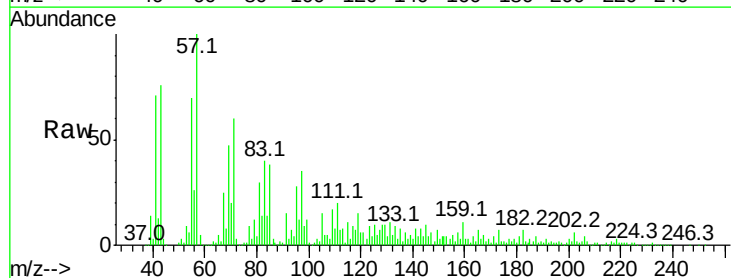
Tgt Ion:149 Resp: 31184

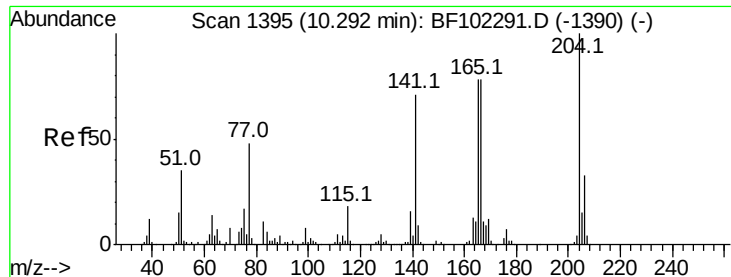
Ion Ratio Lower Upper

149 100

177 42.2 16.1 24.1#

150 37.4 10.1 15.1#

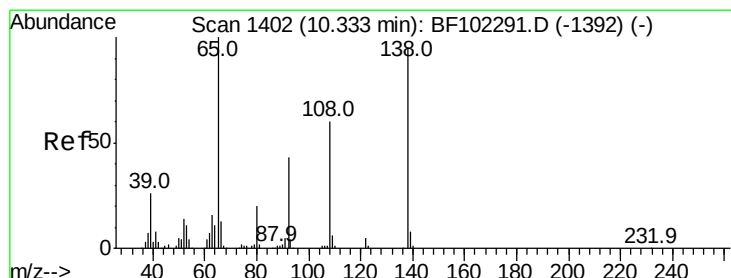
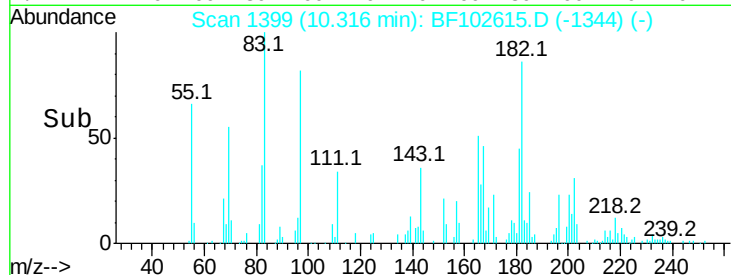
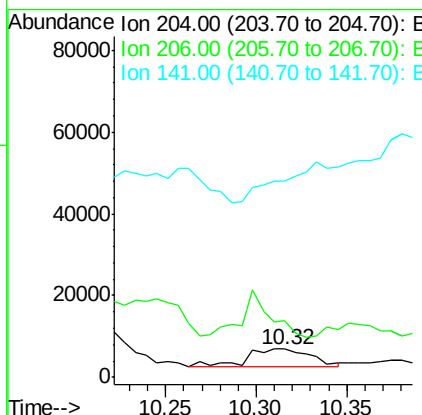
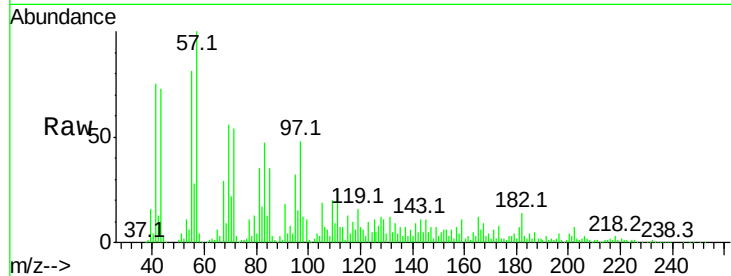




#60
4-Chlorophenyl-phenylether
Concen: 4.454 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.02 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

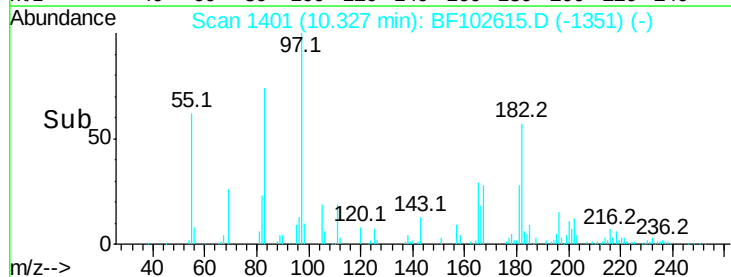
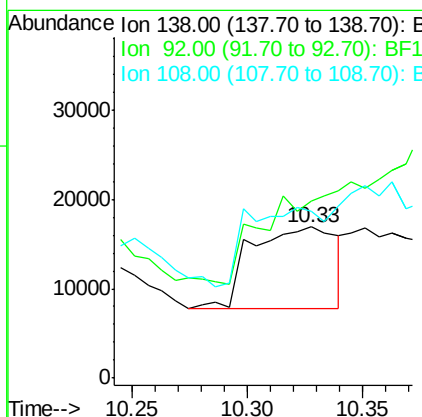
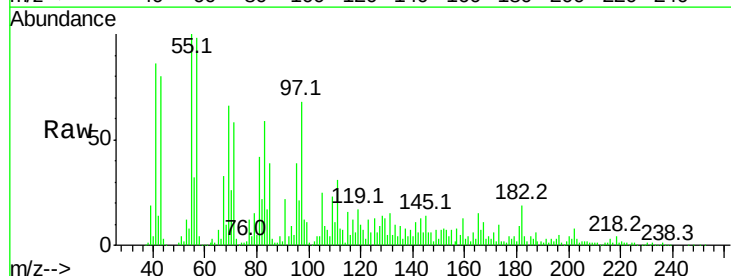
Instrument :
BNA_F
ClientSampled :

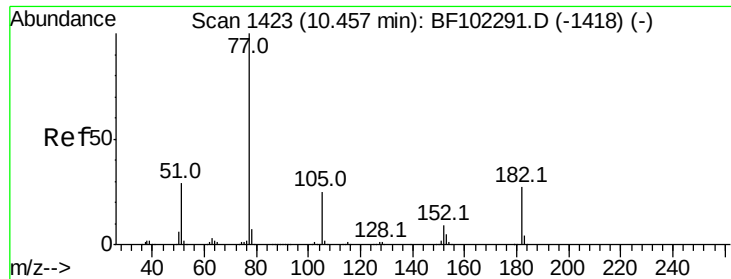
Tot Ion:204 Resp: 11249
Ion Ratio Lower Upper
204 100
206 202.0 26.5 39.7#
141 697.8 54.6 81.8#



#61
4-Nitroaniline
Concen: 12.954 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:138 Resp: 23406
Ion Ratio Lower Upper
138 100
92 117.0 30.2 70.2#
108 110.2 52.5 92.5#





#62

Azobenzene

Concen: 6.487 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.07 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 40974

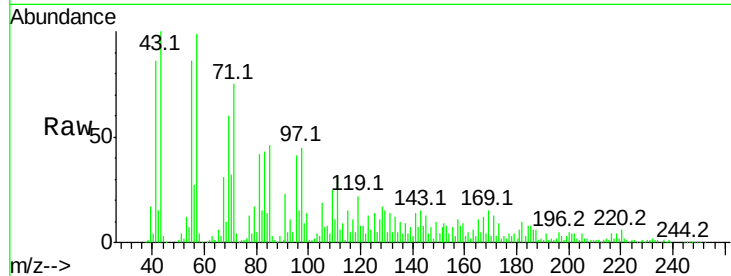
Ion Ratio Lower Upper

77 100

182 71.7 1.7 41.7#

105 143.5 3.0 43.0#

51 29.8 9.9 49.9

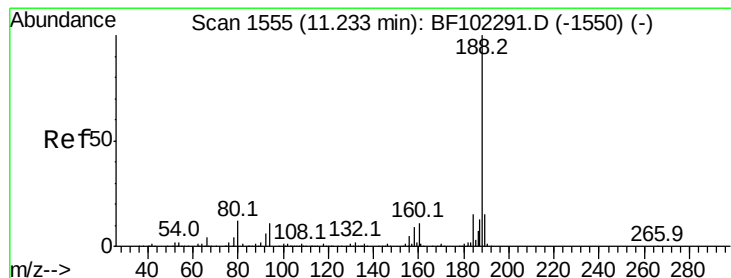
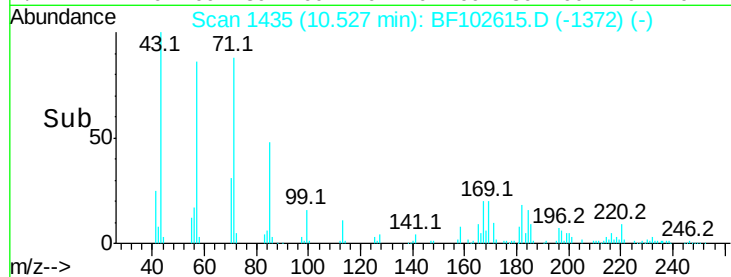
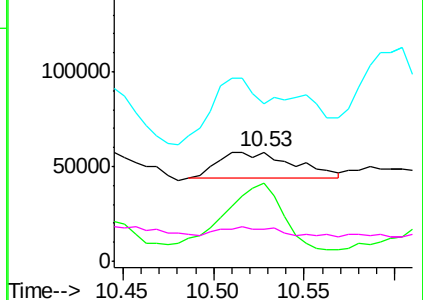


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.08 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

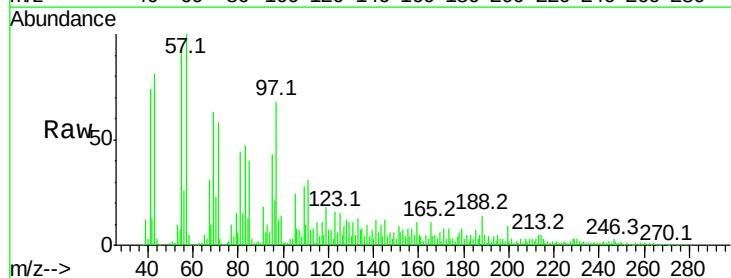
Tgt Ion: 188 Resp: 127193

Ion Ratio Lower Upper

188 100

94 46.8 8.5 12.7#

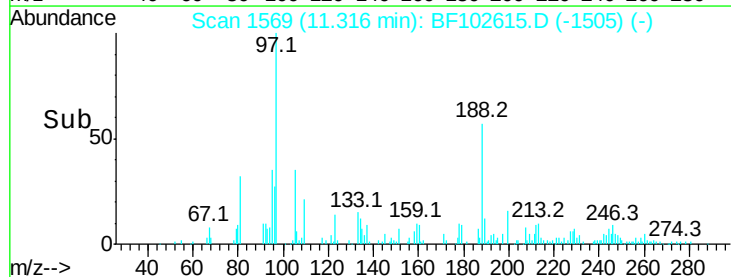
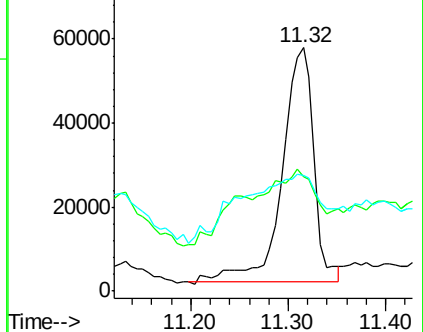
80 47.7 9.2 13.8#

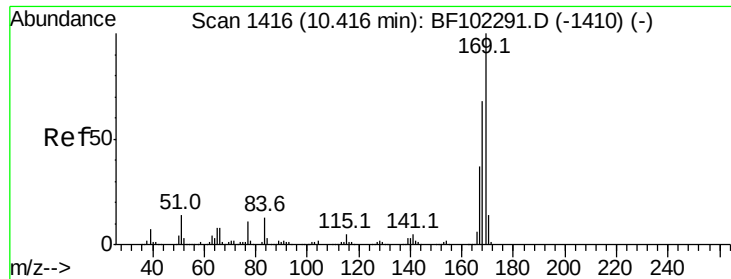


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

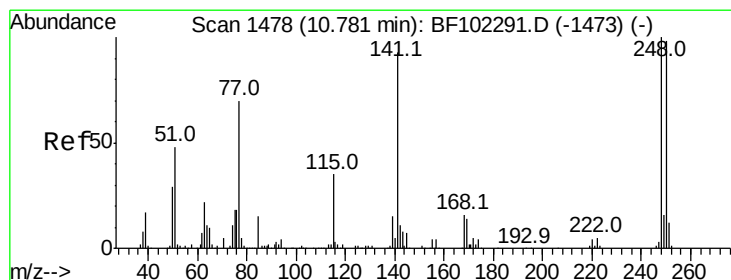
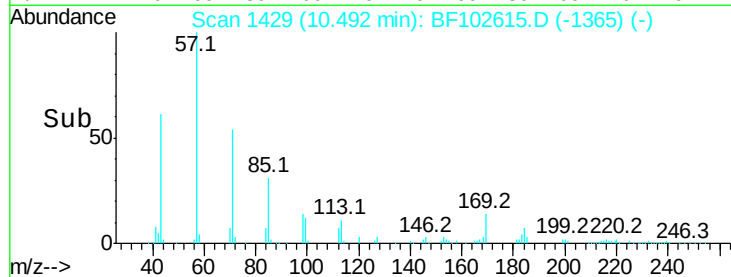
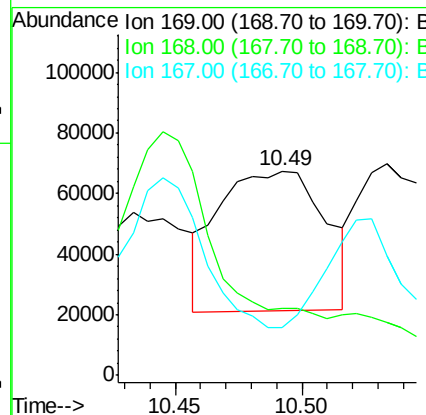
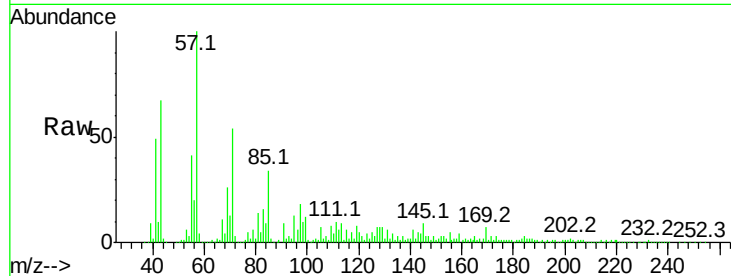




#65
 n-Nitrosodiphenylamine
 Concen: 28.739 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.08 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

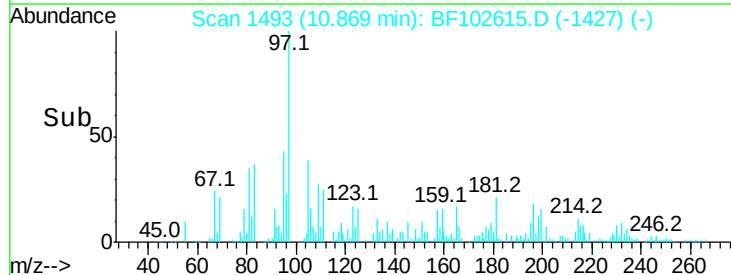
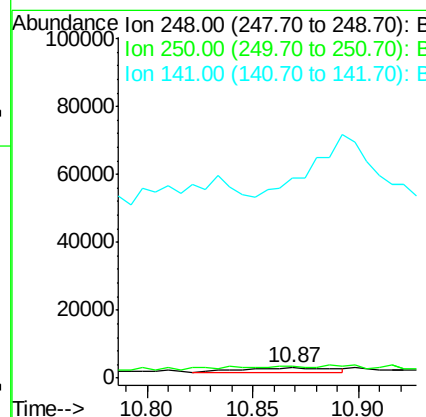
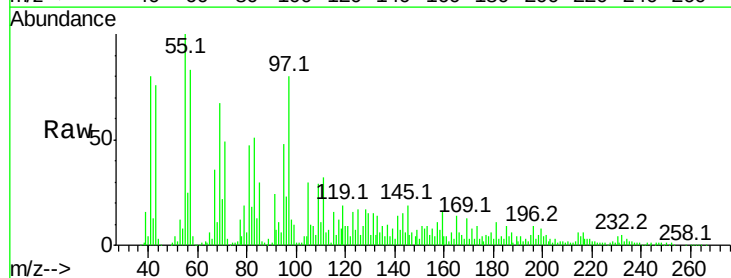
Instrument :
 BNA_F
 ClientSampleId :

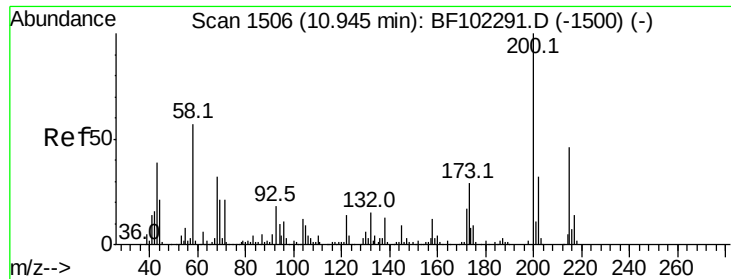
Tot Ion:169 Resp: 134165
 Ion Ratio Lower Upper
 169 100
 168 32.7 54.4 81.6#
 167 23.6 29.8 44.6#



#66
 4-Bromophenyl-phenylether
 Concen: 2.665 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.09 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Tgt Ion:248 Resp: 3649
 Ion Ratio Lower Upper
 248 100
 250 118.0 76.9 115.3#
 141 1925.6 74.4 111.6#





#68

Atrazine

Concen: 5.986 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.07 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

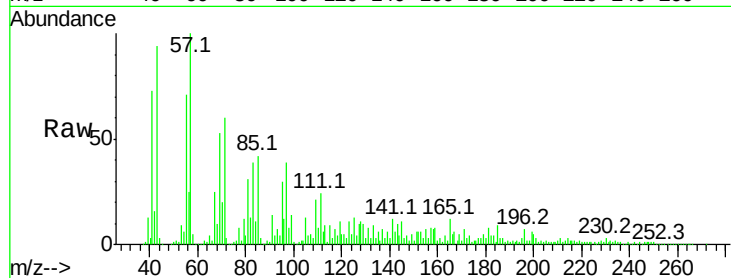
Tot Ion:200 Resp: 8253

Ion Ratio Lower Upper

200 100

173 82.0 8.6 48.6#

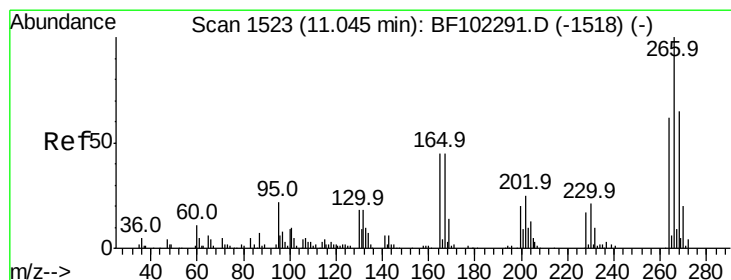
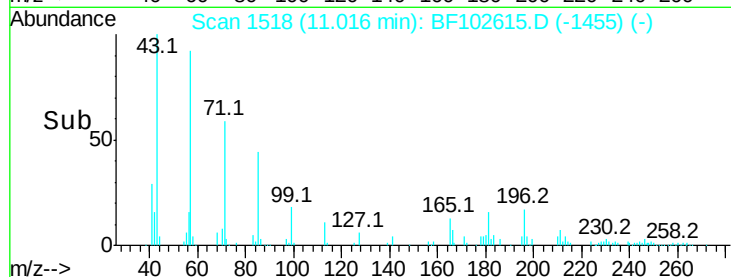
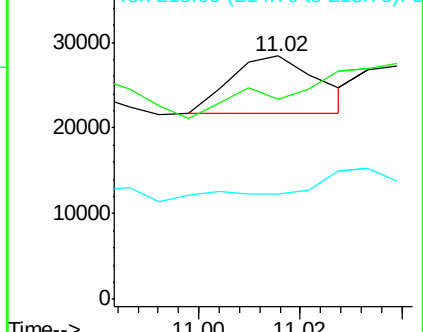
215 43.2 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 2.435 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.09 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

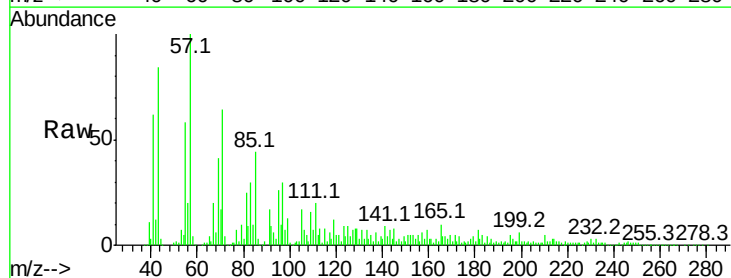
Tgt Ion:266 Resp: 1959

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

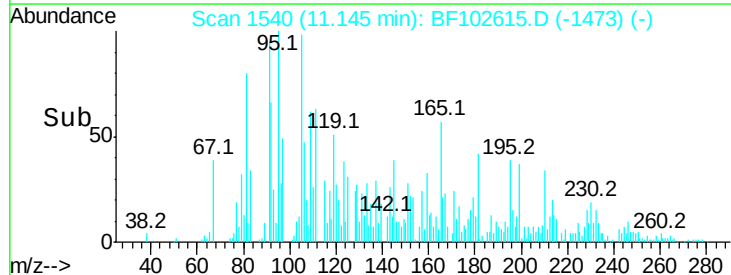
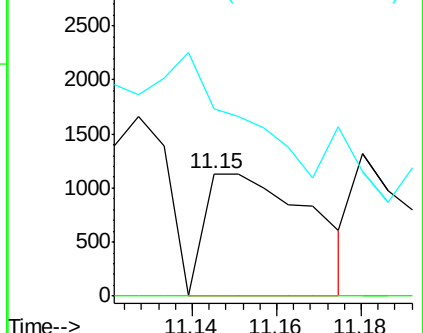
264 153.2 49.5 74.3#

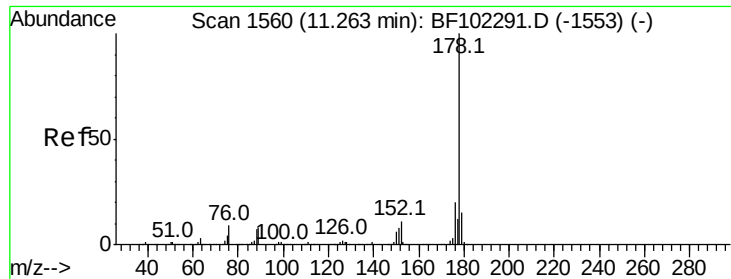


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 13.227 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.08 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

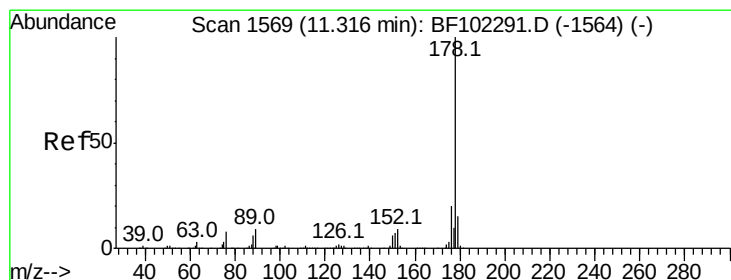
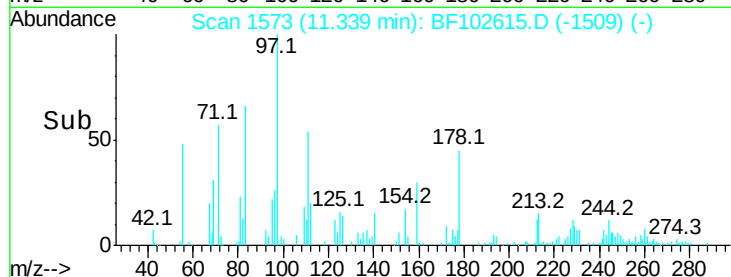
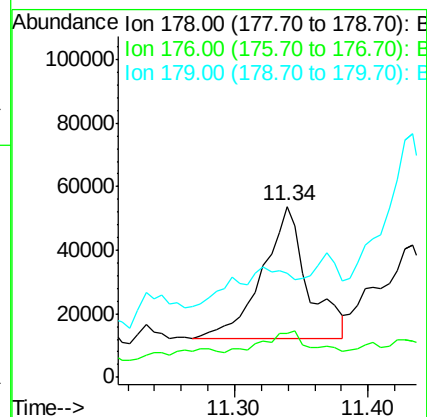
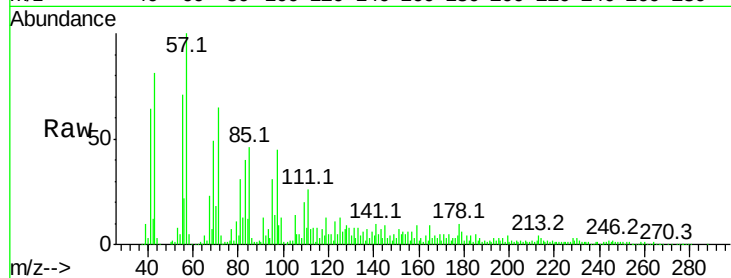
Tot Ion:178 Resp: 98038

Ion Ratio Lower Upper

178 100

176 26.0 15.8 23.8#

179 61.1 13.0 19.6#



#71

Anthracene

Concen: 5.405 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.12 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

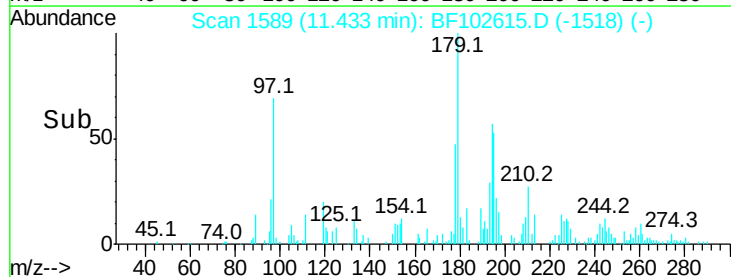
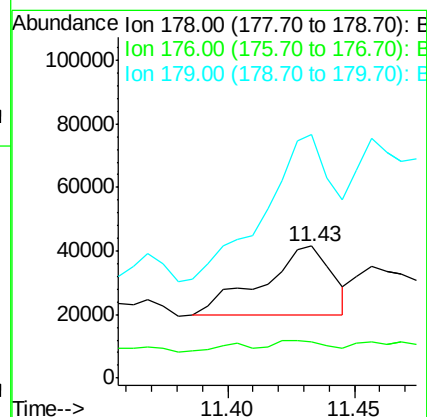
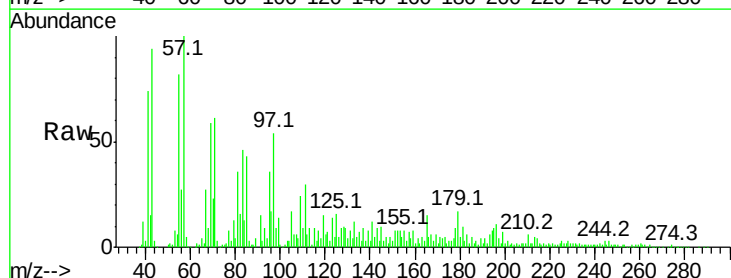
Tgt Ion:178 Resp: 40889

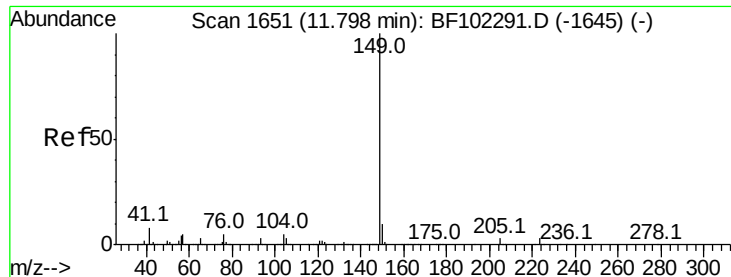
Ion Ratio Lower Upper

178 100

176 27.8 15.4 23.2#

179 184.8 12.6 19.0#

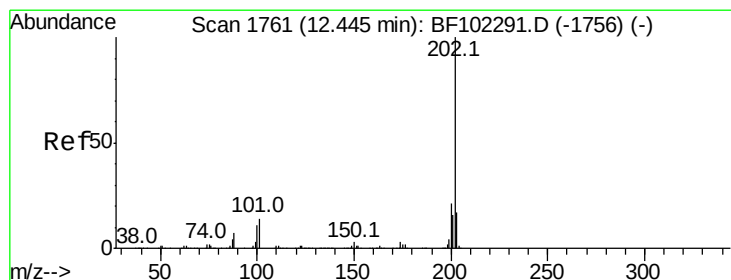
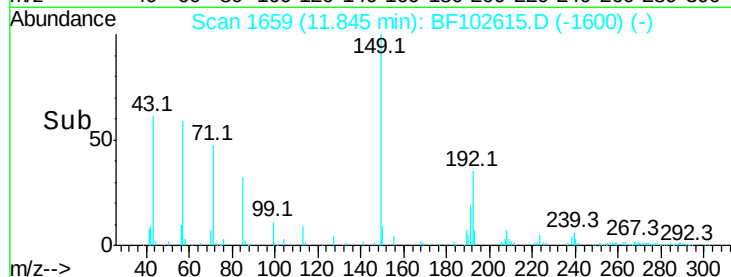
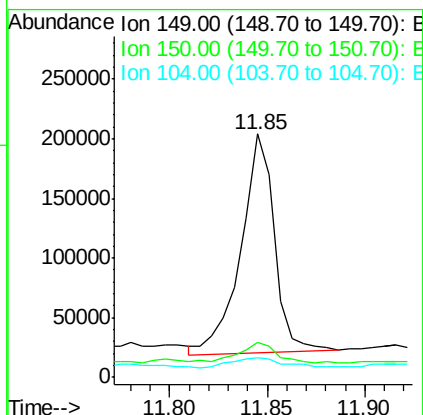
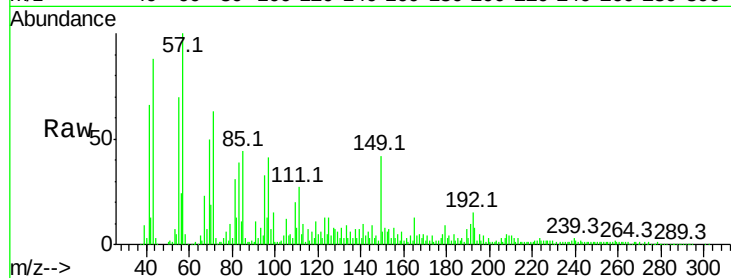




#73
Di-n-butylphthalate
Concen: 23.659 ng
RT: 11.85 min Scan# 1659
Delta R.T. 0.05 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

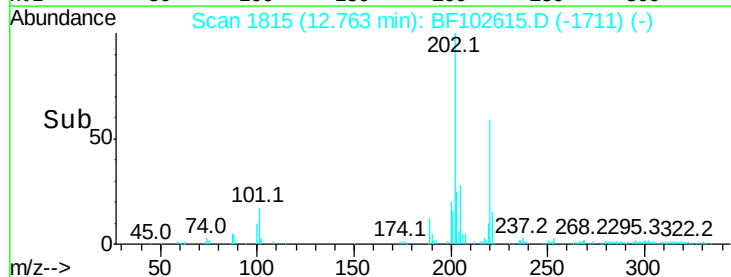
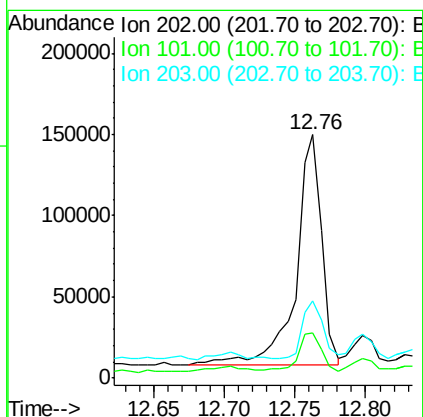
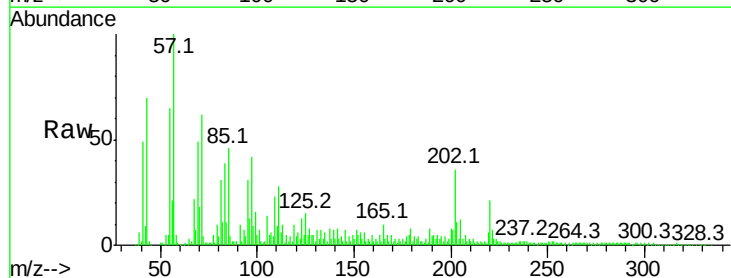
Instrument :
BNA_F
ClientSampleId :

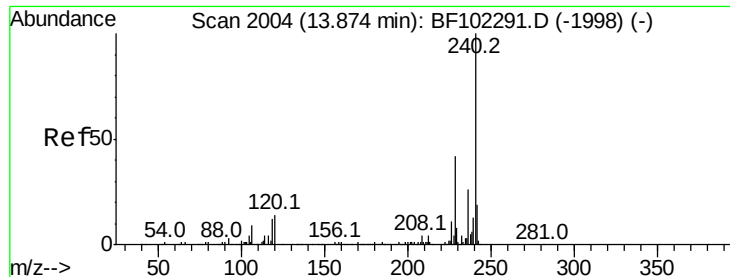
Tot Ion:149 Resp: 218265
Ion Ratio Lower Upper
149 100
150 14.1 7.8 11.6#
104 8.3 3.8 5.8#



#74
Fluoranthene
Concen: 23.686 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.31 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:202 Resp: 179022
Ion Ratio Lower Upper
202 100
101 18.8 0.0 34.1
203 31.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

Instrument :

BNA_F

ClientSampleId :

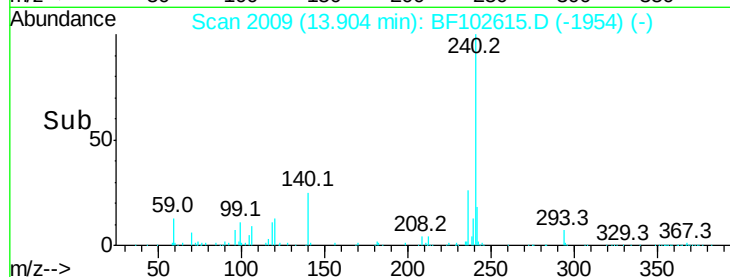
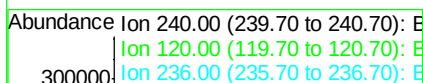
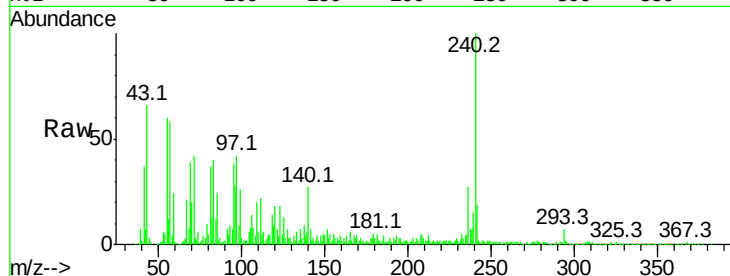
Tot Ion:240 Resp: 256586

Ion Ratio Lower Upper

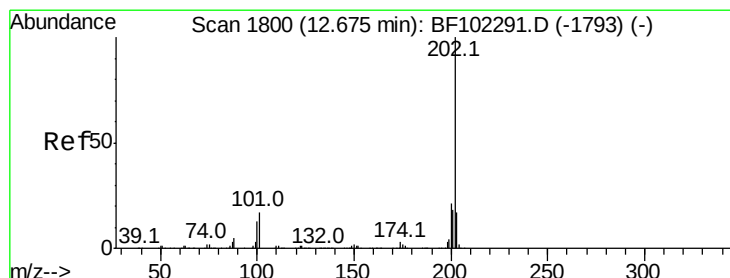
240 100

120 18.1 9.5 14.3#

236 27.2 20.7 31.1



Time--> 13.80 13.90



#77

Pyrene

Concen: 9.024 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.08 min

Lab File: BF102615.D

Acq: 29 Jan 2018 23:32

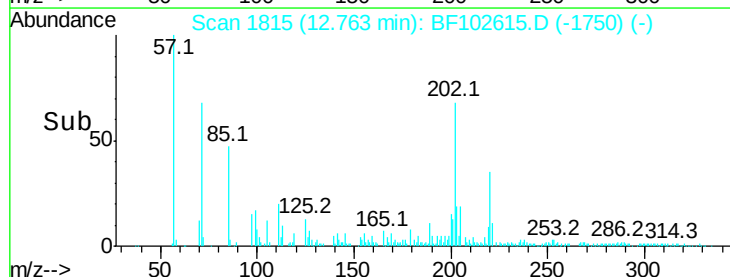
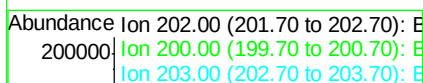
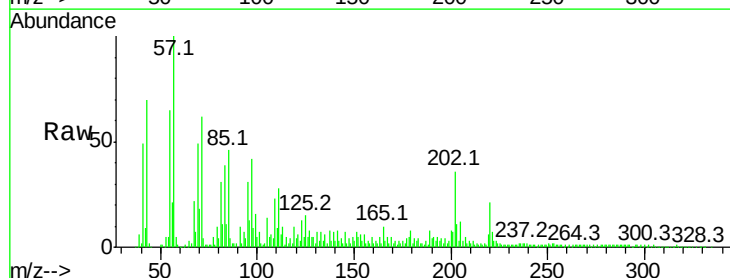
Tgt Ion:202 Resp: 179022

Ion Ratio Lower Upper

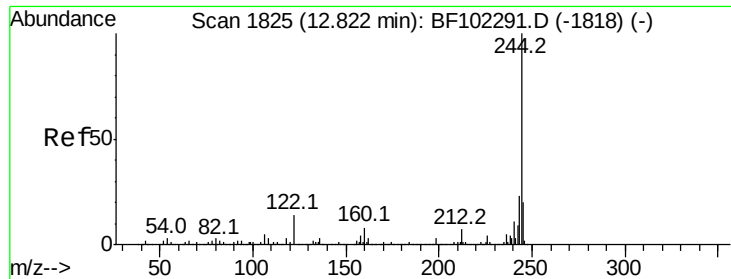
202 100

200 22.1 17.4 26.2

203 31.5 14.3 21.5#



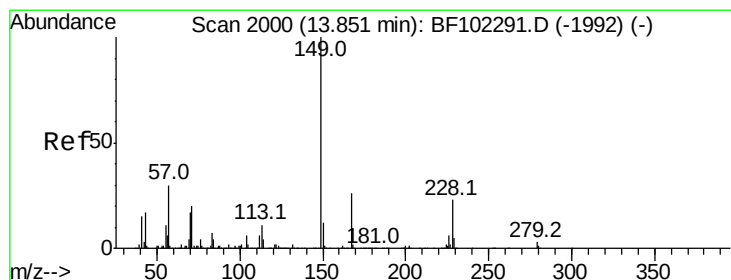
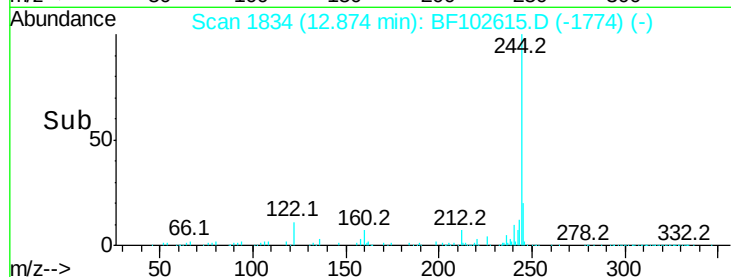
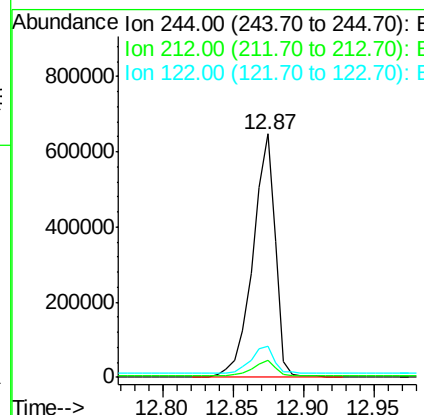
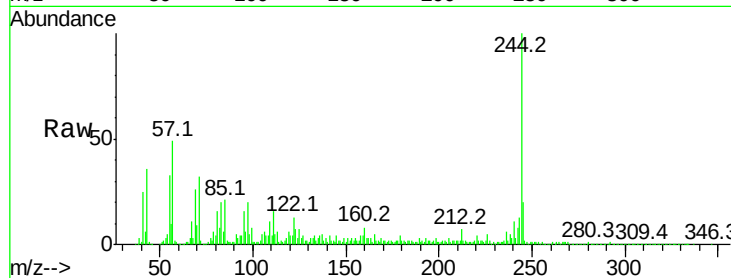
Time--> 12.65 12.70 12.75 12.80



#78
 Terphenyl-d14
 Concen: 62.955 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.05 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

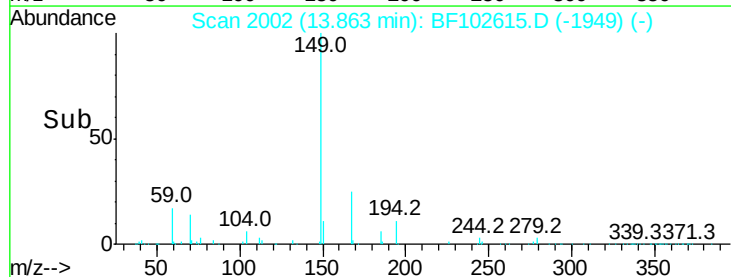
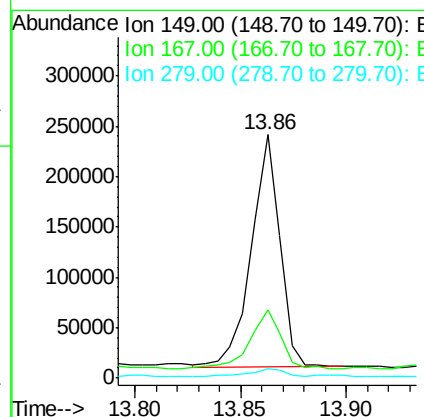
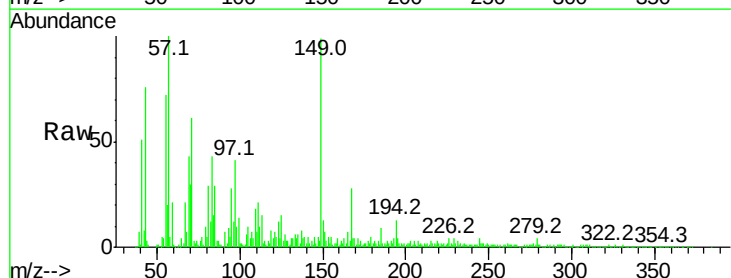
Instrument :
 BNA_F
 ClientSampleId :

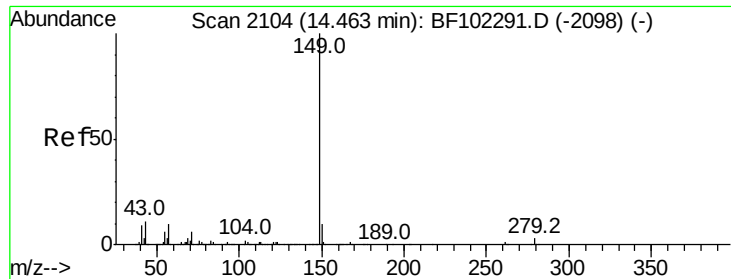
Tot Ion:244 Resp: 716539
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.8 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.337 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.01 min
 Lab File: BF102615.D
 Acq: 29 Jan 2018 23:32

Tgt Ion:149 Resp: 216757
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.3 31.9
 279 3.8 3.0 4.4

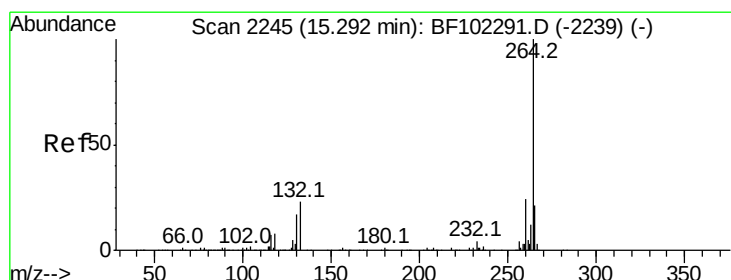
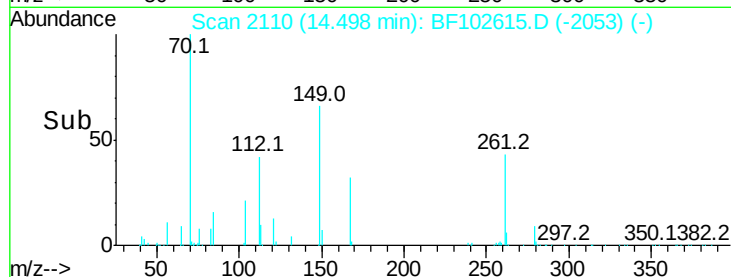
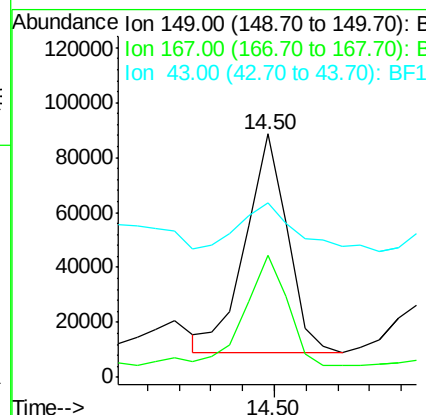
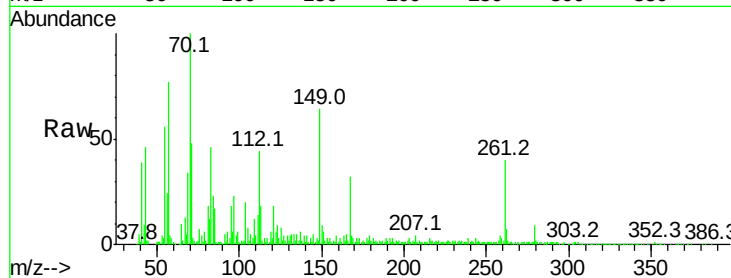




#84
Di-n-octyl phthalate
Concen: 3.370 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.04 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 72704
Ion Ratio Lower Upper
149 100
167 54.8 1.2 1.8#
43 29.4 8.4 12.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF102615.D
Acq: 29 Jan 2018 23:32

Tgt Ion:264 Resp: 308588
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.4 17.5 26.3

