

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102179.D
 Acq On : 18 Jan 2018 5:29
 Operator : SJ/JU
 Sample : J1144-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 18 07:21:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	109326	20.00	ng	0.07
21) Naphthalene-d8	8.05	136	68450	20.00	ng	0.05
38) Acenaphthene-d10	9.78	164	191708	20.00	ng	0.02
63) Phenanthrene-d10	11.26	188	257318	20.00	ng	0.02
75) Chrysene-d12	13.87	240	249025	20.00	ng	0.00
86) Perylene-d12	15.29	264	238743	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	94807	12.25	ng	0.04
7) Phenol-d6	6.41	99	319085	34.54	ng	0.05
23) Nitrobenzene-d5	7.36	82	274845	235.95	ng	0.06
41) 2,4,6-Tribromophenol	10.57	330	173169	103.51	ng	0.02
44) 2-Fluorobiphenyl	9.11	172	904431	73.70	ng	0.02
78) Terphenyl-d14	12.83	244	712074	59.37	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.11	79	40685	3.856	ng	# 50
4) n-Nitrosodimethylamine	3.11	42	186481	42.204	ng	# 1
9) Benzaldehyde	6.37	77	2386145	372.032	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	41562	5.231	ng	# 1
15) Benzyl Alcohol	6.95	79	72485	10.728	ng	# 37
17) 2-Methylphenol	7.07	107	93320	13.322	ng	# 1
18) Hexachloroethane	7.33	117	1610942	512.178	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	246421	40.707	ng	# 61
20) 3+4-Methylphenols	7.17	107	28180	3.351	ng	# 1
22) Acetophenone	7.19	105	3784246	2294.529	ng	# 58
24) Nitrobenzene	7.35	77	304087	242.946	ng	# 22
25) Isophorone	7.61	82	118786	51.610	ng	# 1
26) 2-Nitrophenol	7.70	139	17662	33.714	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	23120	23.630	ng	# 1
28) bis(2-Chloroethoxy)methane	7.83	93	57955	41.703	ng	# 47
29) 2,4-Dichlorophenol	7.90	162	34523	37.161	ng	# 11
30) 1,2,4-Trichlorobenzene	7.95	180	3849	3.961	ng	# 19
31) Naphthalene	8.09	128	3576504	1045.659	ng	# 94
32) Benzoic acid	7.86	122	15752	21.232	ng	# 1
33) 4-Chloroaniline	8.10	127	940160	644.009	ng	# 42
35) Caprolactam	8.51	113	10472	32.835	ng	# 1
36) 4-Chloro-3-methylphenol	8.58	107	13264	13.043	ng	# 39
37) 2-Methylnaphthalene	8.79	142	4798369	2130.996	ng	# 95
45) 1,1'-Biphenyl	9.21	154	347750	20.522	ng	# 99
48) Acenaphthylene	9.65	152	60153	2.885	ng	# 1
49) Dimethylphthalate	9.49	163	79477	5.168	ng	# 76
50) 2,6-Dinitrotoluene	9.59	165	9271	3.018	ng	# 51
51) Acenaphthene	9.82	154	89632	7.082	ng	# 55
53) 2,4-Dinitrophenol	9.85	184	923	9.359	ng	# 1
54) Dibenzofuran	9.99	168	91099	5.244	ng	# 1
55) 4-Nitrophenol	9.89	139	66621	23.058	ng	# 55
56) 2,4-Dinitrotoluene	9.99	165	25985	6.749	ng	# 60
57) Fluorene	10.33	166	250070	20.825	ng	# 91
62) Azobenzene	10.48	77	44179	2.903	ng	# 1

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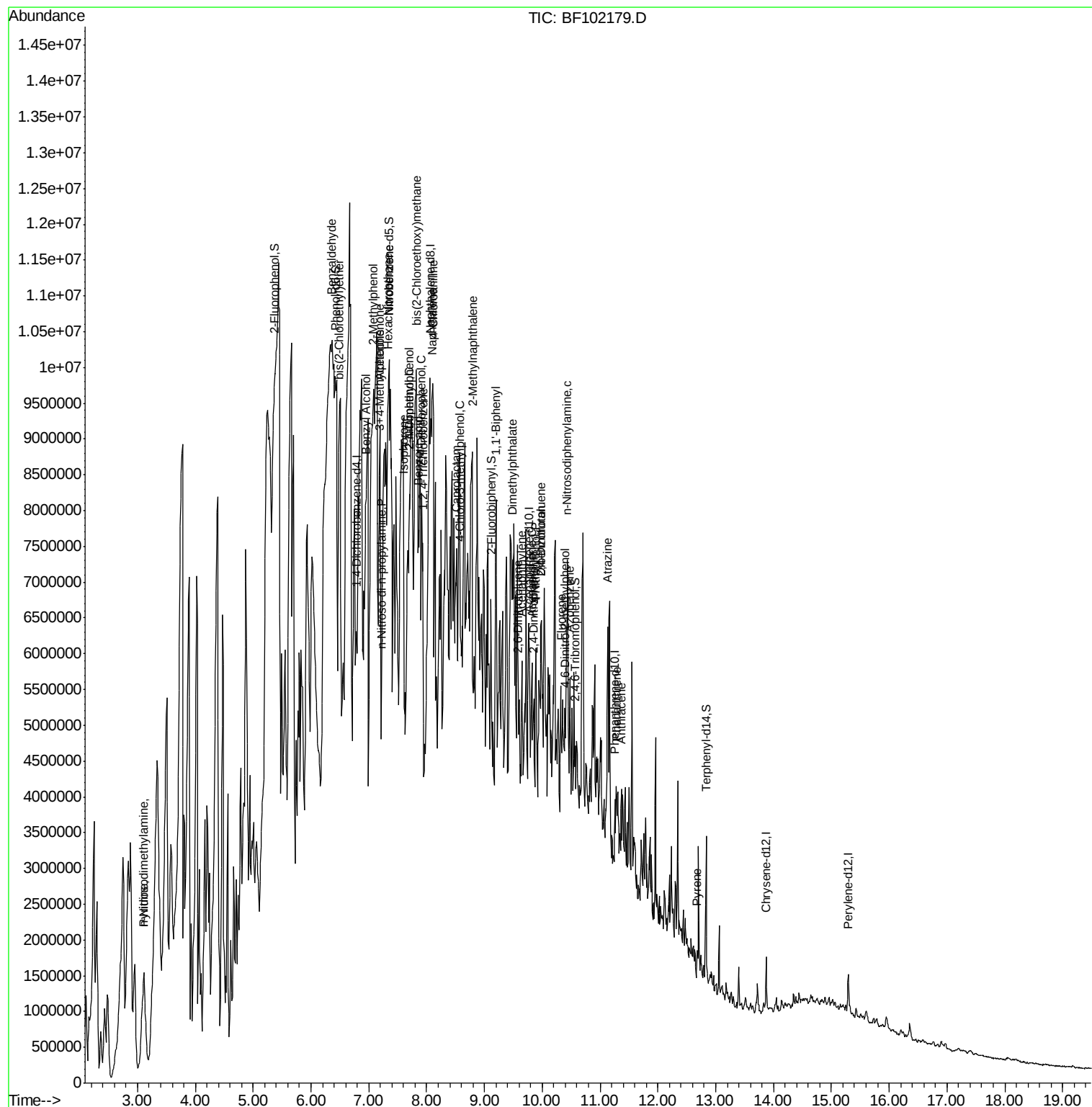
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 4,6-Dinitro-2-methylphenol	10.38	198	849	6.198	ng	# 1
65) n-Nitrosodiphenylamine	10.44	169	192025	19.929	ng	# 55
68) Atrazine	11.13	200	13052	4.687	ng	79
70) Phenanthrene	11.28	178	465921	30.998	ng	# 96
71) Anthracene	11.37	178	49305	3.234	ng	# 1
77) Pyrene	12.69	202	103607	4.707	ng	98

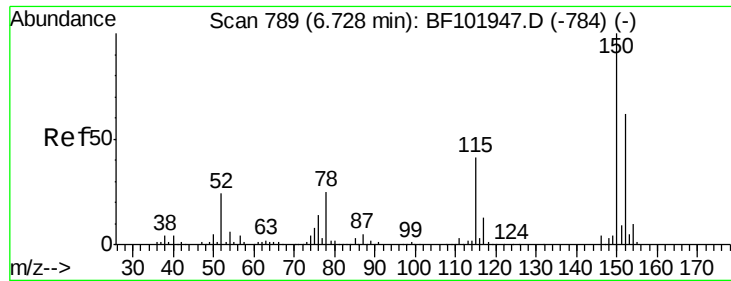
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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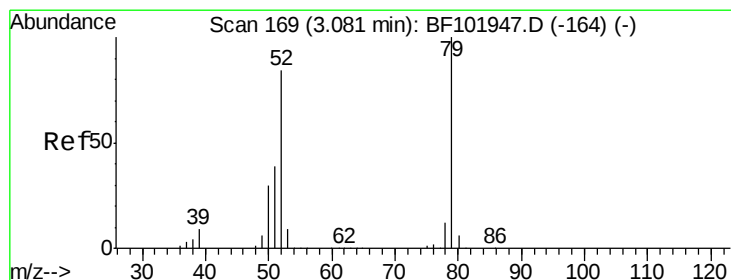
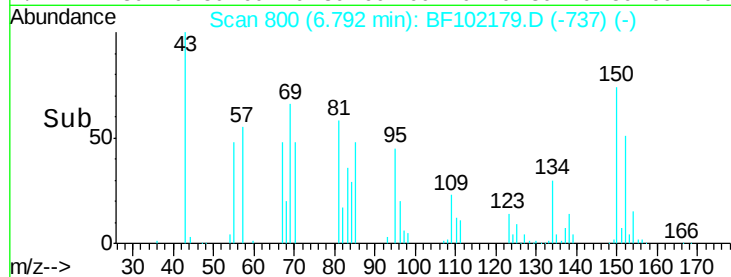
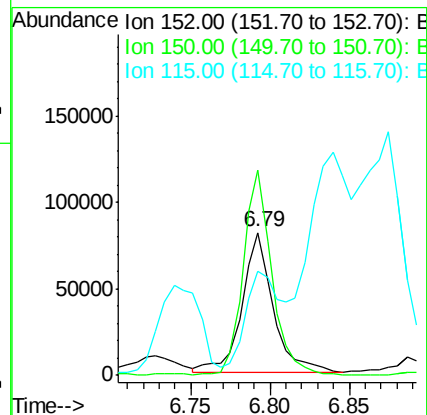
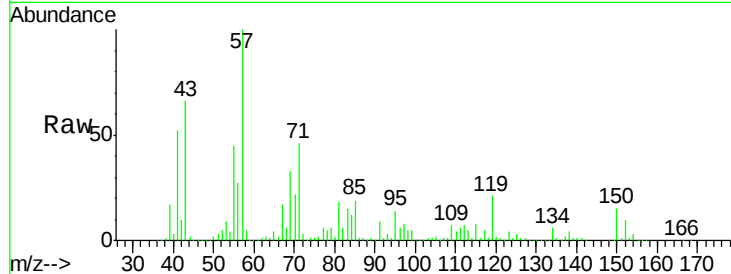


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.07 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Instrument :
BNA_F
ClientSampleId :

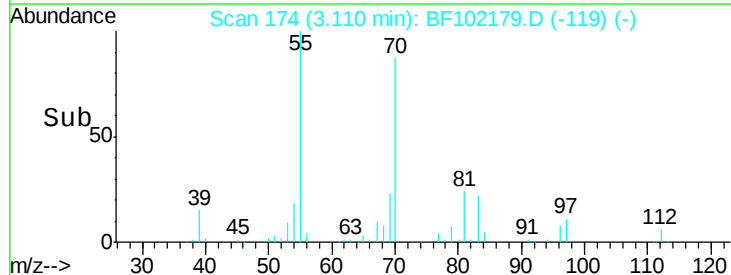
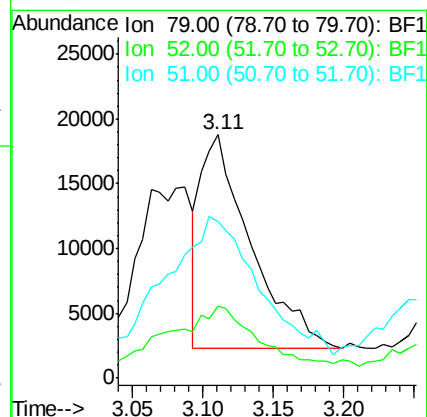
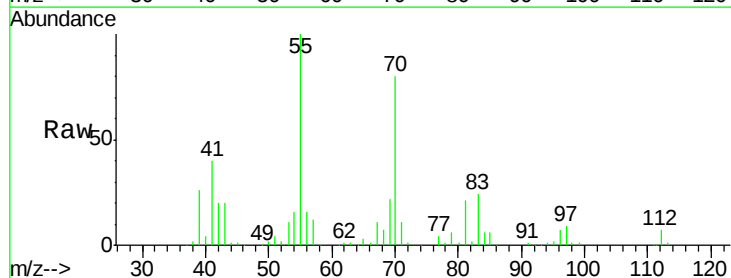
Tot Ion:152 Resp: 109326
Ion Ratio Lower Upper
152 100
150 144.2 124.6 186.8
115 72.9 50.1 75.1

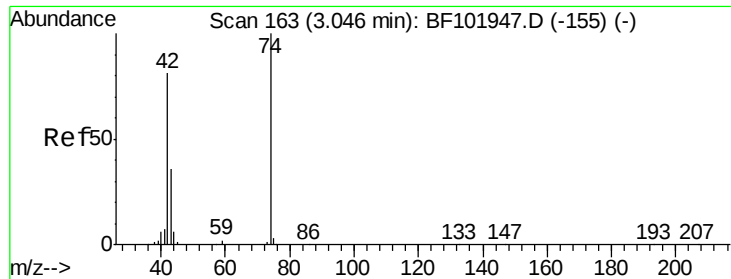


#3

Pyridine
Concen: 3.856 ng
RT: 3.11 min Scan# 174
Delta R.T. 0.02 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion: 79 Resp: 40685
Ion Ratio Lower Upper
79 100
52 29.7 59.8 89.6#
51 64.1 29.8 44.8#



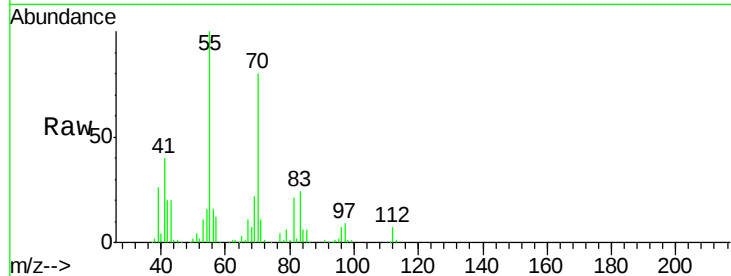


#4

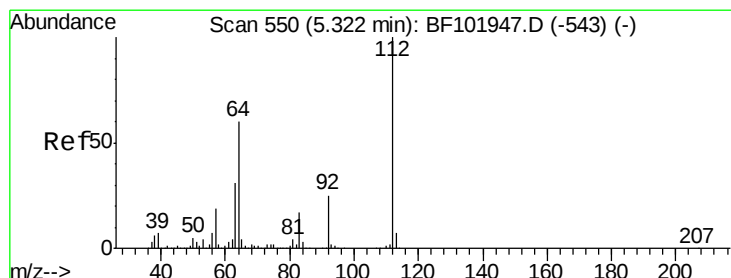
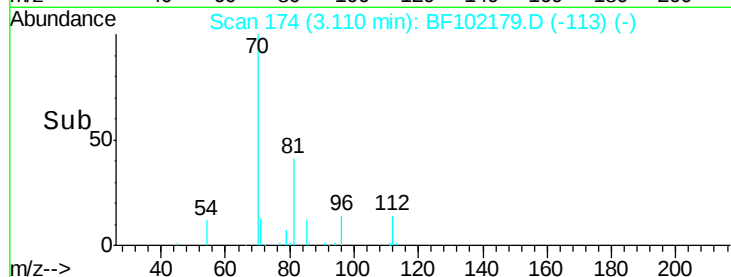
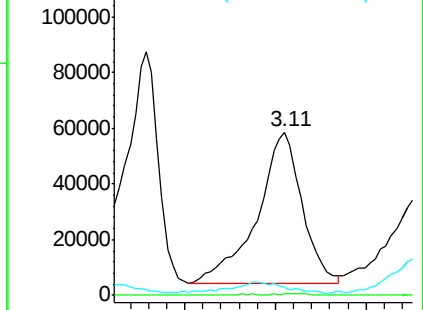
n-Nitrosodimethylamine
 Concen: 42.204 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.06 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	1.4	104.9	157.3#
44	4.9	6.9	10.3#



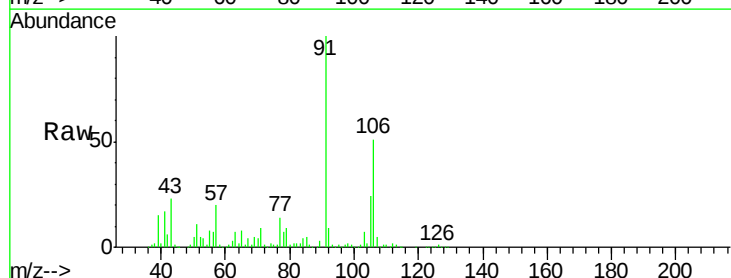
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



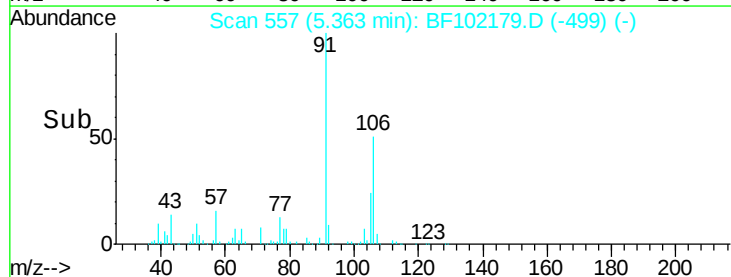
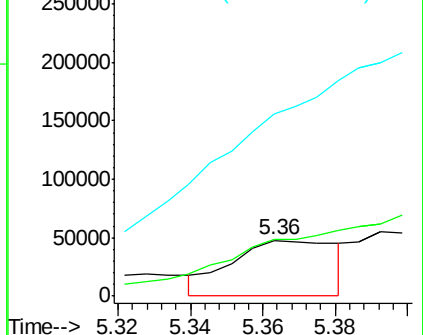
#5

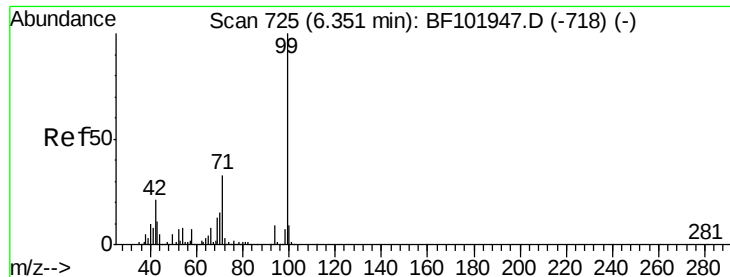
2-Fluorophenol
 Concen: 12.246 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.04 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	100.3	47.9	71.9#
63	324.7	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: 34.543 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampled :

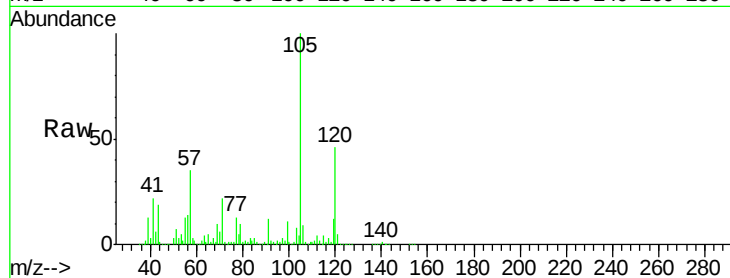
Tot Ion: 99 Resp: 319085

Ion Ratio Lower Upper

99 100

42 51.1 14.5 21.7#

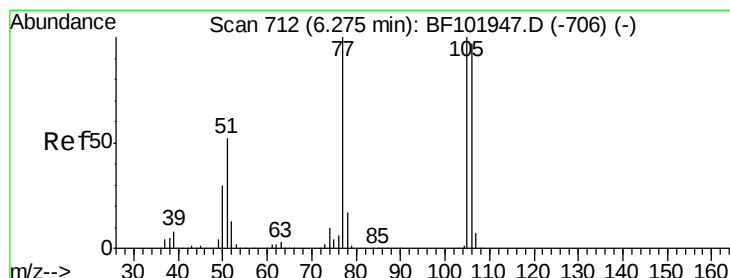
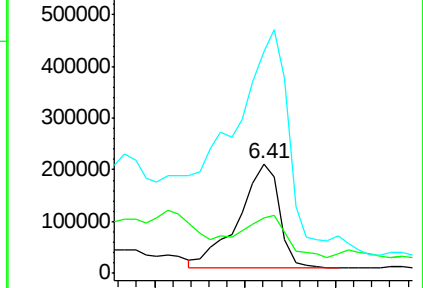
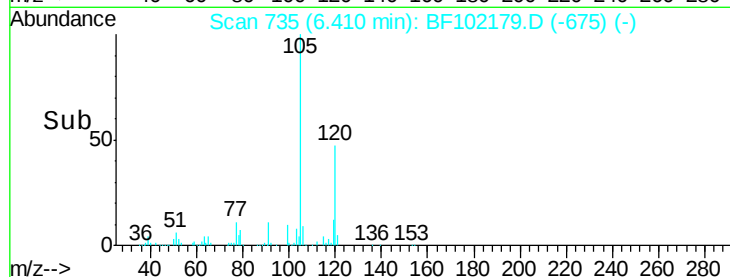
71 202.8 25.4 38.0#



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: 372.032 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.09 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

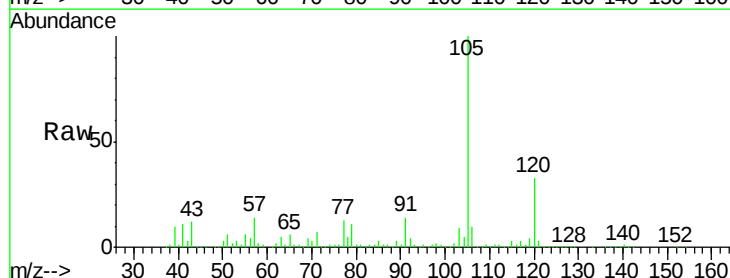
Tgt Ion: 77 Resp: 2386145

Ion Ratio Lower Upper

77 100

105 761.5 81.1 121.1#

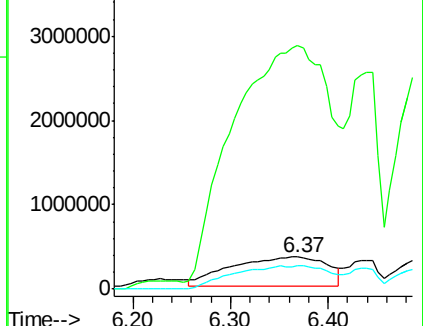
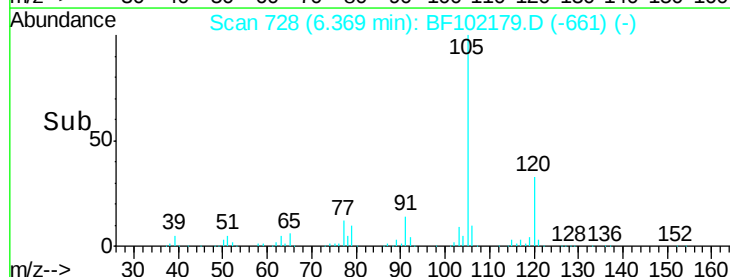
106 72.5 74.5 114.5#

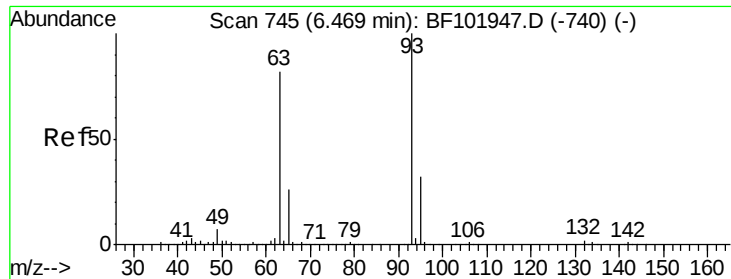


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

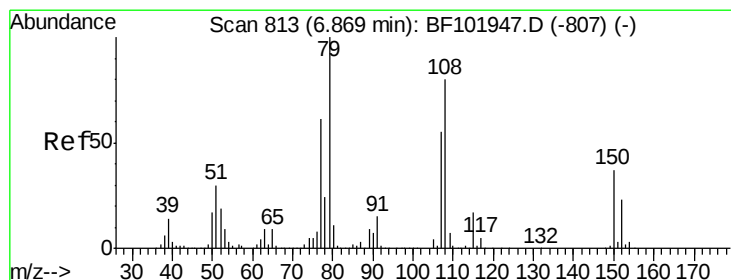
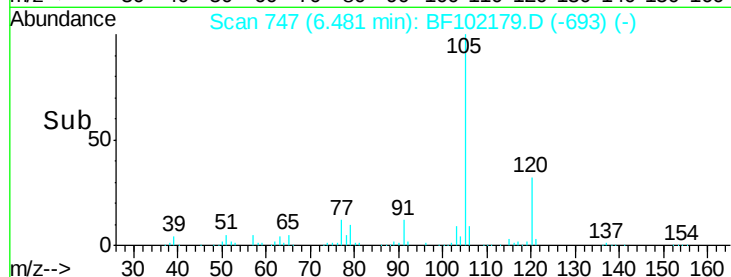
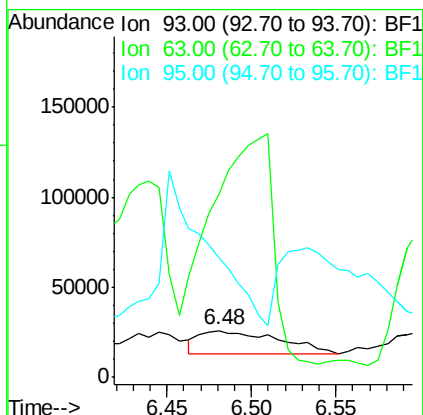
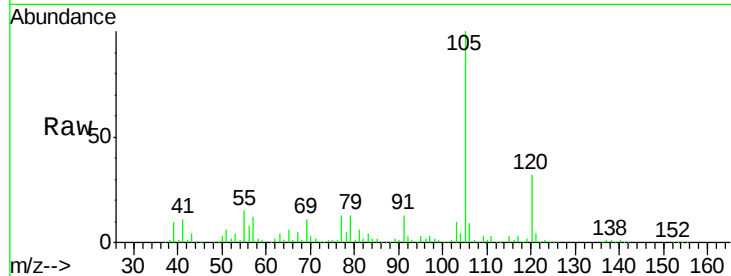




#11
bis(2-Chloroethyl)ether
Concen: 5.231 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

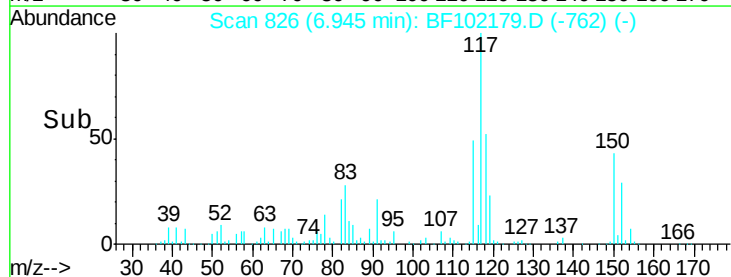
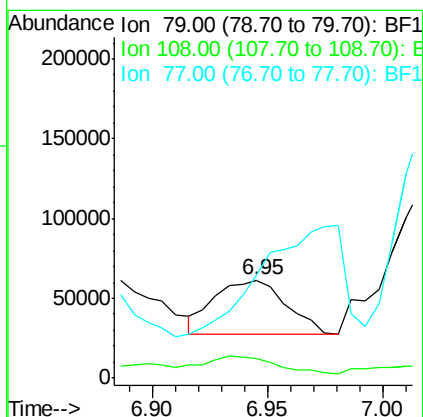
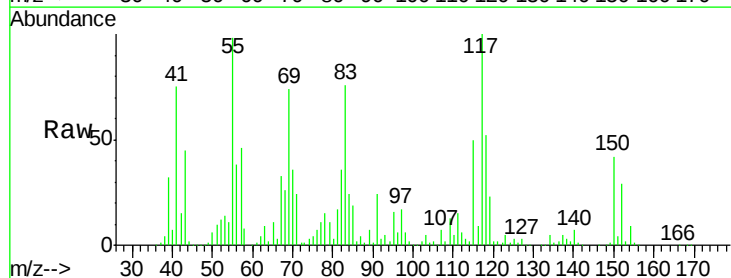
Instrument :
BNA_F
ClientSampleId :

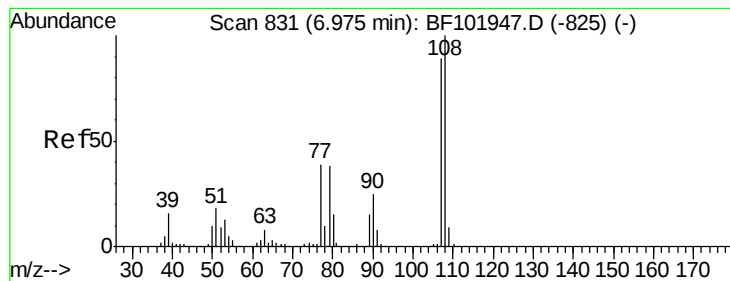
Tot Ion: 93 Resp: 41562
Ion Ratio Lower Upper
93 100
63 389.2 58.6 98.6#
95 254.5 11.8 51.8#



#15
Benzyl Alcohol
Concen: 10.728 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.08 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion: 79 Resp: 72485
Ion Ratio Lower Upper
79 100
108 19.9 65.1 97.7#
77 105.4 50.6 75.8#





#17

2-Methylphenol

Concen: 13.322 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.09 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

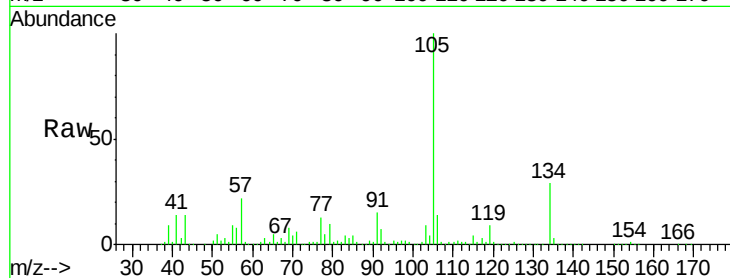
Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 93320

Ion	Ratio	Lower	Upper
107	100		
108	9.7	91.7	137.5#
77	1283.3	33.8	50.8#
79	1048.0	33.8	50.8#

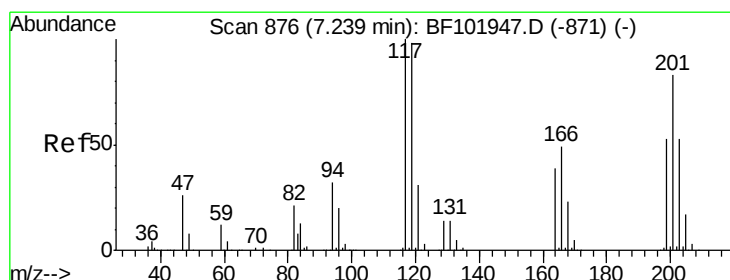
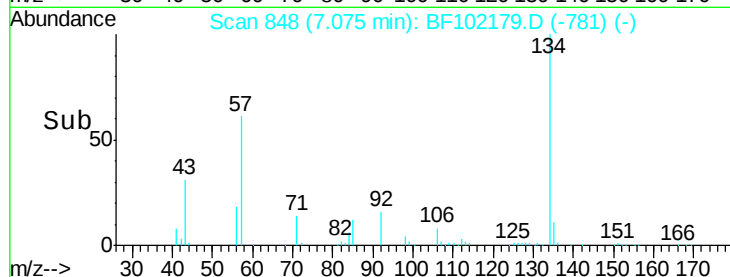
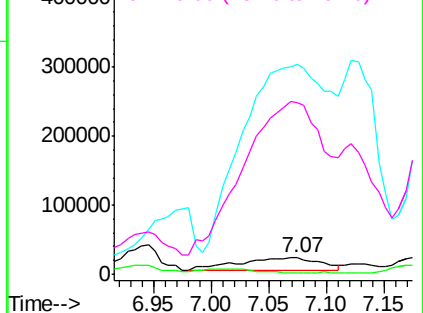


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 512.178 ng

RT: 7.33 min Scan# 892

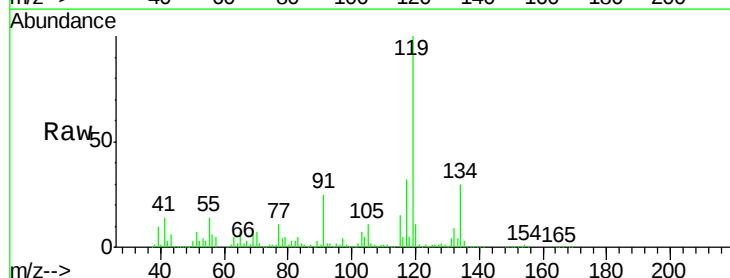
Delta R.T. 0.10 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion:117 Resp: 1610942

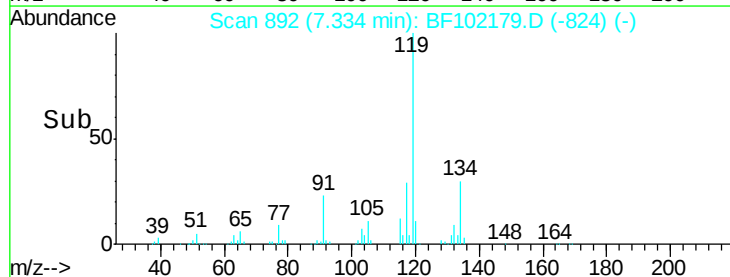
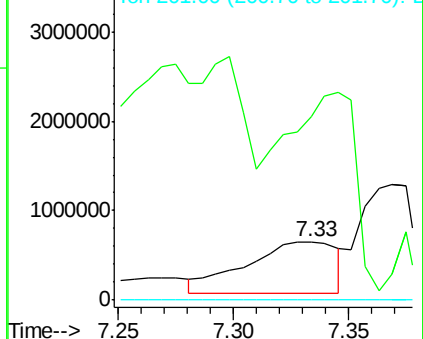
Ion	Ratio	Lower	Upper
117	100		
119	313.4	75.8	113.8#
201	0.0	75.7	113.5#

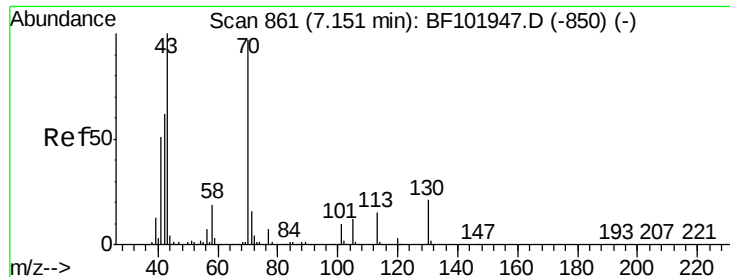


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

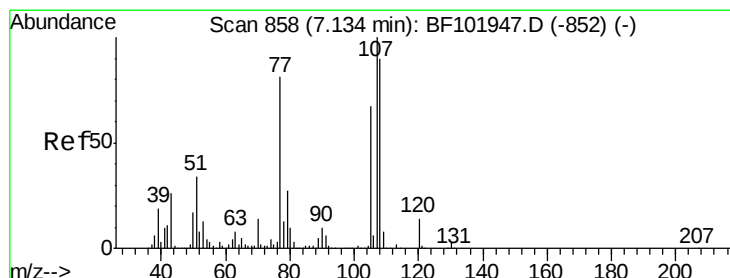
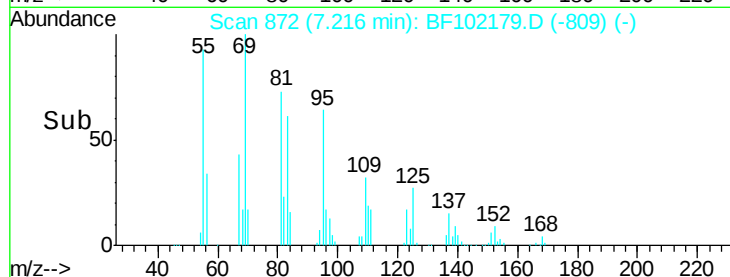
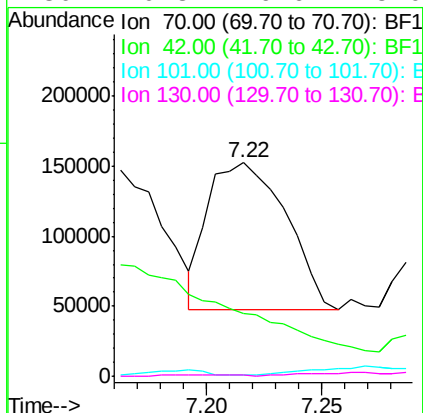
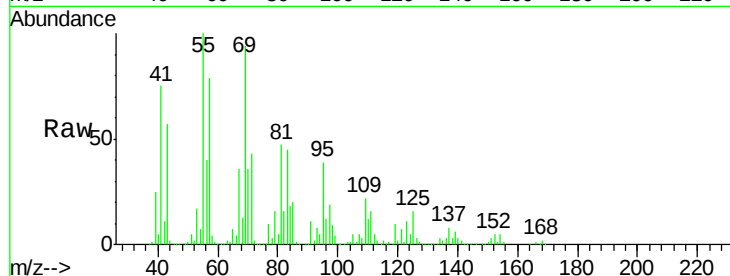




#19
n-Nitroso-di-n-propylamine
Concen: 40.707 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.07 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

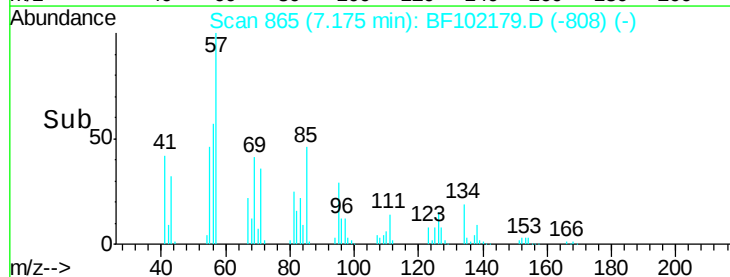
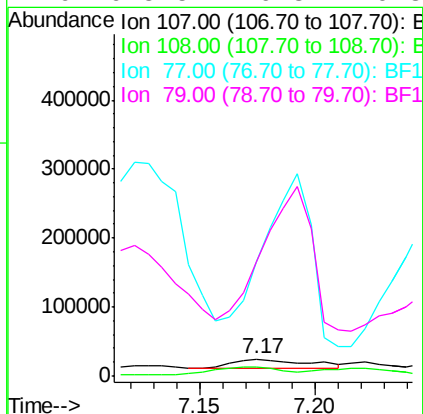
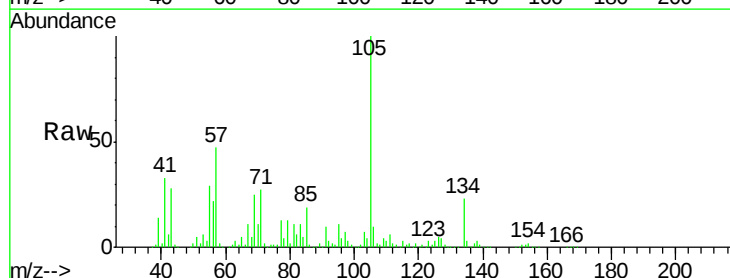
Instrument :
BNA_F
ClientSampled :

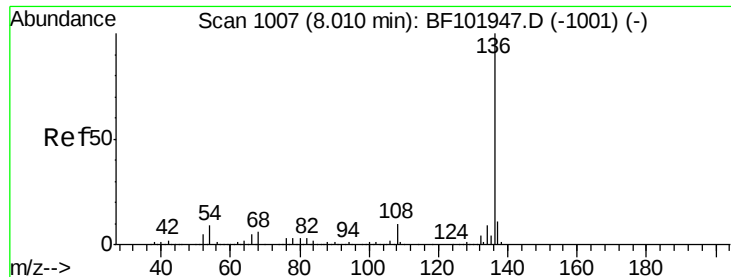
Tot Ion: 70 Resp: 246421
Ion Ratio Lower Upper
70 100
42 29.5 47.5 71.3#
101 0.3 7.4 11.2#
130 0.3 16.6 25.0#



#20
3+4-Methylphenols
Concen: 3.351 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.04 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:107 Resp: 28180
Ion Ratio Lower Upper
107 100
108 52.2 68.2 108.2#
77 670.8 26.7 66.7#
79 675.5 6.3 46.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

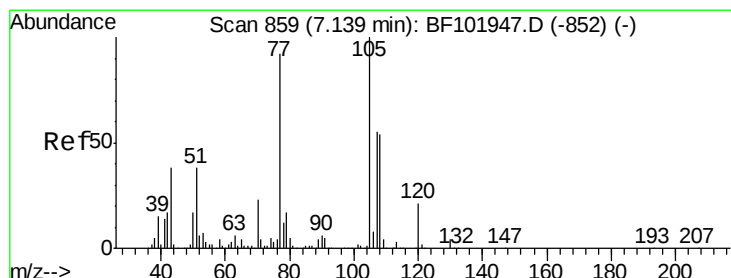
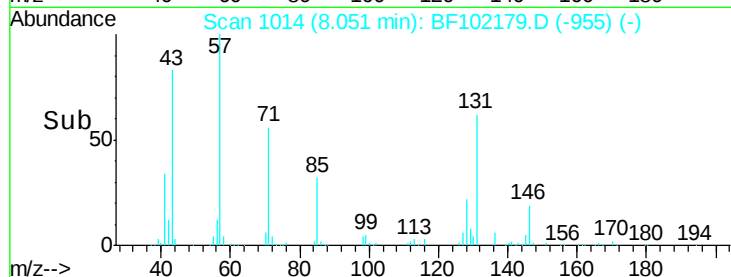
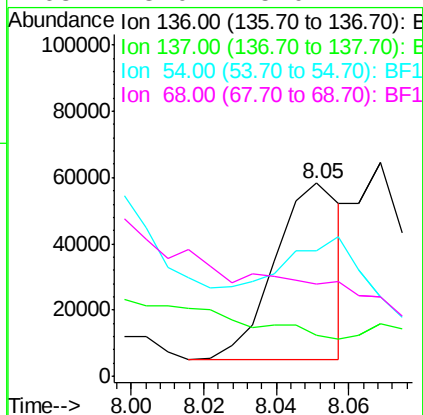
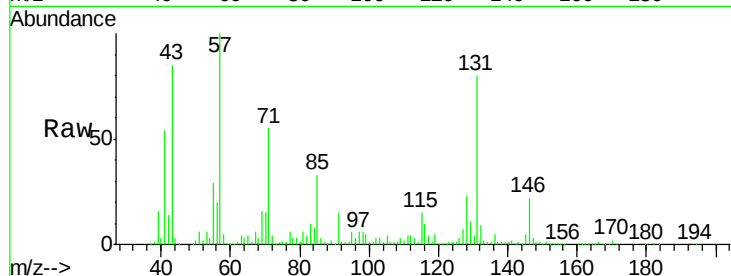
Delta R.T. 0.05 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	68450
Ion Ratio	Lower	Upper
136	100	
137	21.4	8.9 13.3#
54	65.0	6.6 9.8#
68	48.0	5.0 7.4#



#22

Acetophenone

Concen: 2294.529 ng

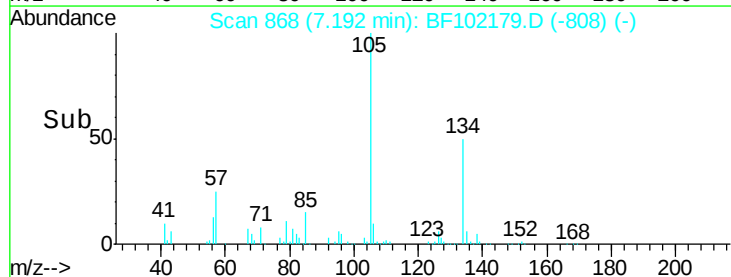
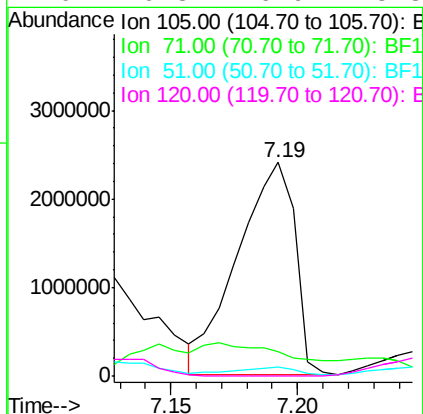
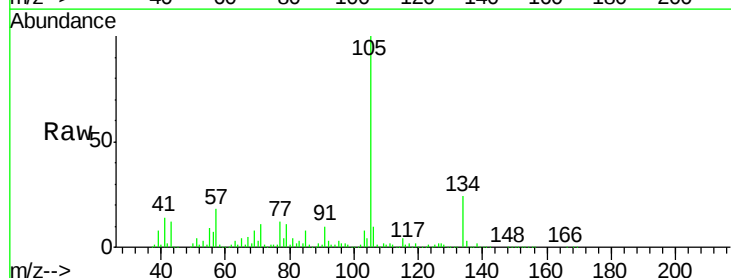
RT: 7.19 min Scan# 868

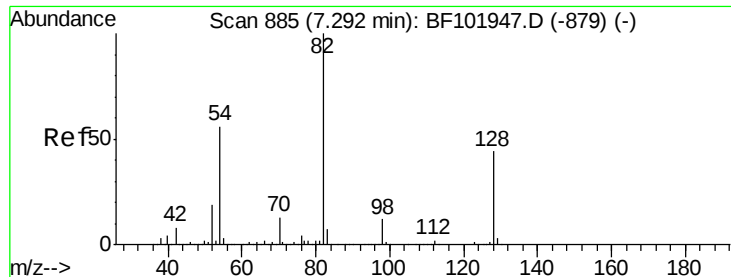
Delta R.T. 0.05 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion:105	Resp:	3784246
Ion Ratio	Lower	Upper
105	100	
71	11.2	4.4 6.6#
51	4.4	22.3 33.5#
120	0.3	16.9 25.3#

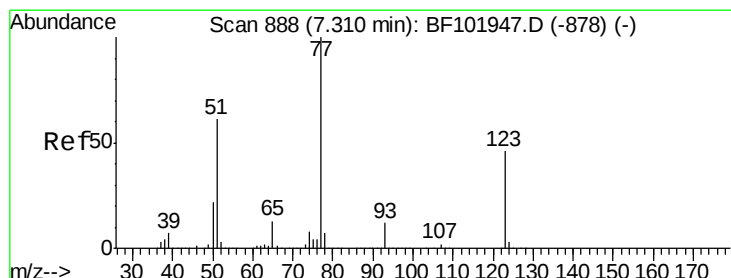
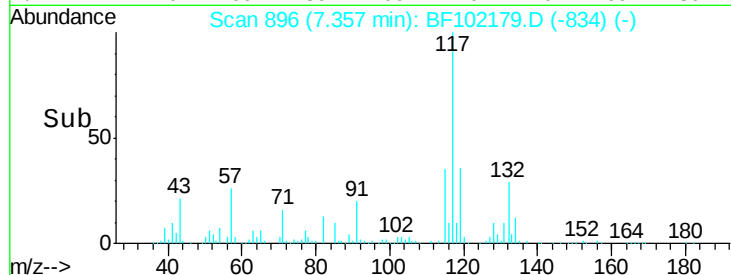
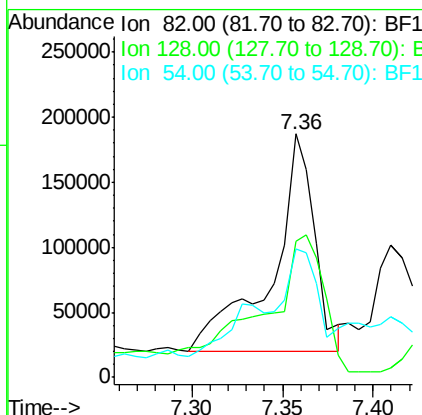
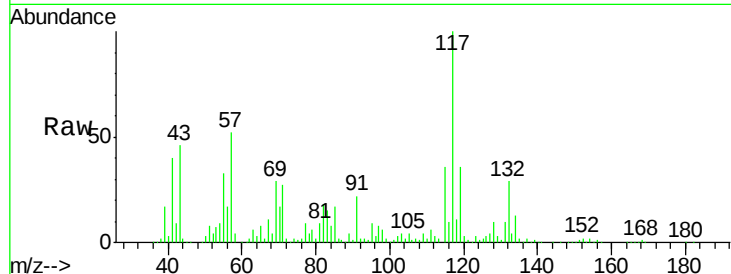




#23
Nitrobenzene-d5
Concen: 235.953 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.06 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

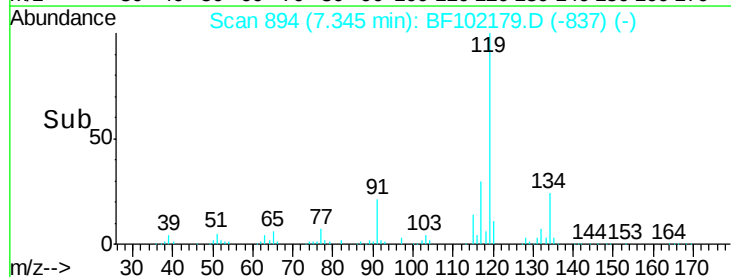
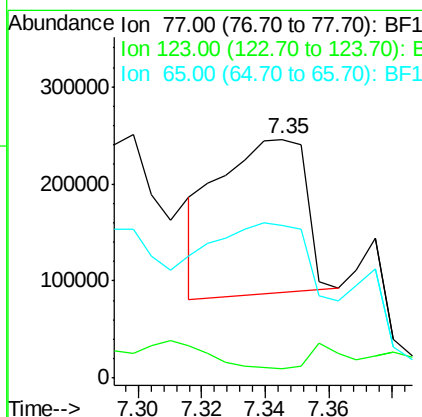
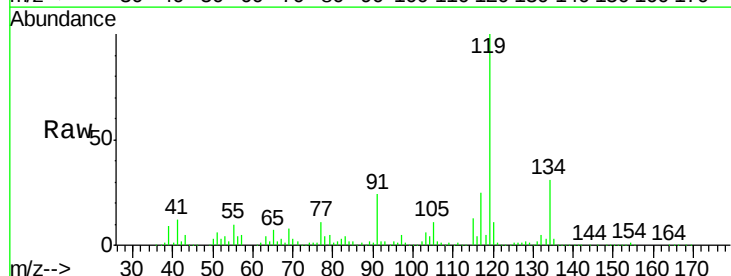
Instrument :
BNA_F
ClientSampleId :

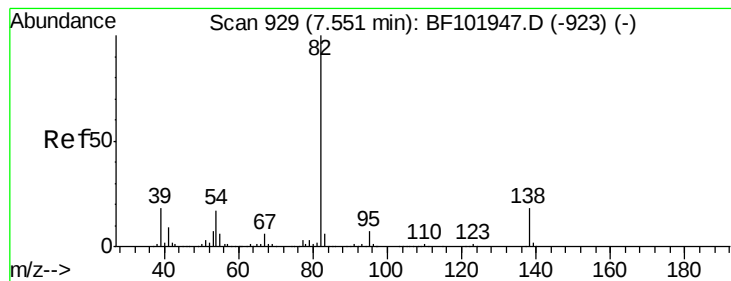
Tot Ion	82	Resp	274845
Ion Ratio	100		
Lower	36.1		
Upper	54.1#		
54	52.5	41.4	62.2



#24
Nitrobenzene
Concen: 242.946 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.04 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion	77	Resp	304087
Ion Ratio	100		
Lower	37.9		
Upper	56.9#		
123	3.7	11.0	16.4#
65	63.9		





#25

Isophorone

Concen: 51.610 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.06 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampleId :

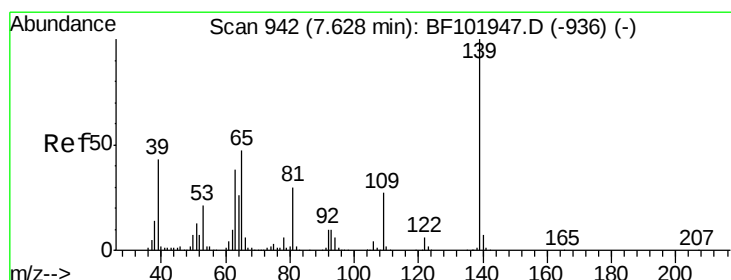
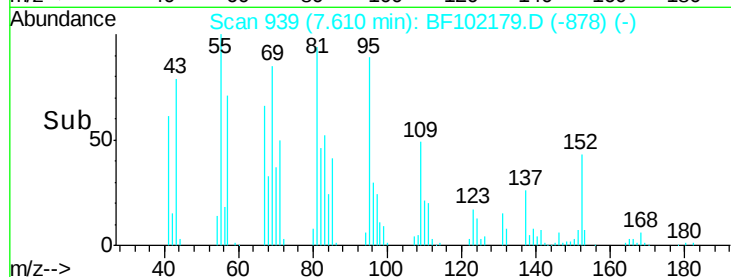
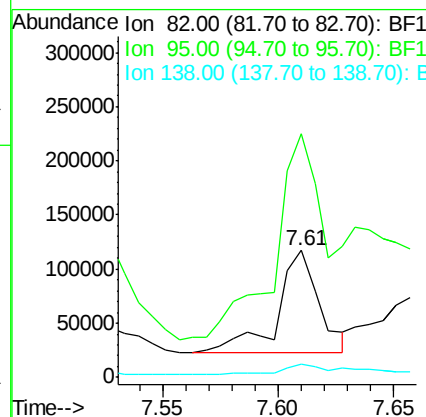
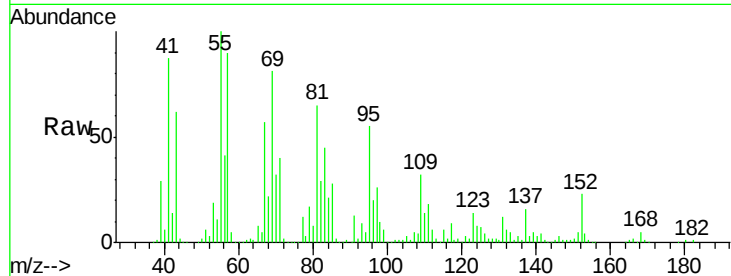
Tot Ion: 82 Resp: 118786

Ion Ratio Lower Upper

82 100

95 192.4 5.2 7.8#

138 10.2 14.9 22.3#



#26

2-Nitrophenol

Concen: 33.714 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.08 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

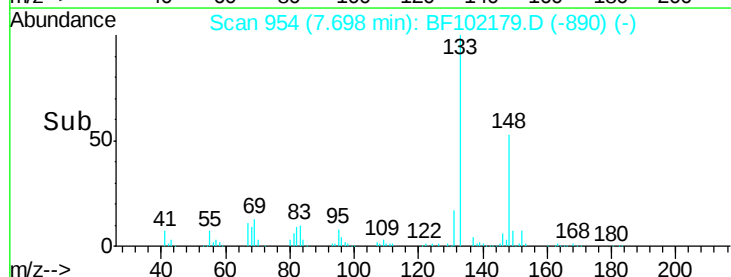
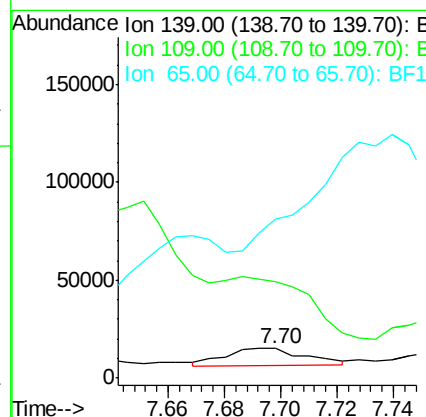
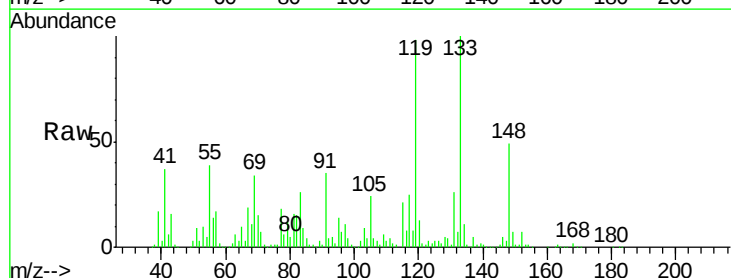
Tgt Ion: 139 Resp: 17662

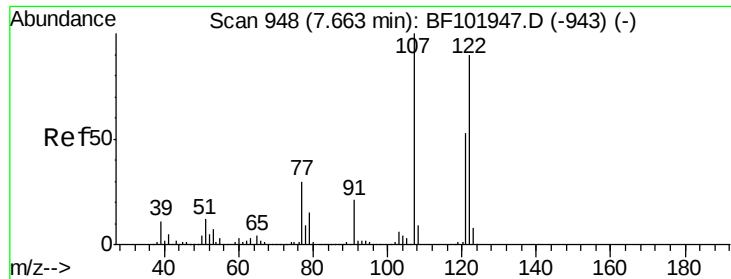
Ion Ratio Lower Upper

139 100

109 325.9 22.7 34.1#

65 536.7 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 23.630 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.05 min

Lab File: BF102179.D

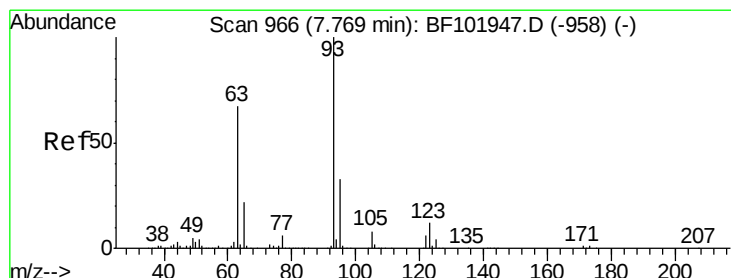
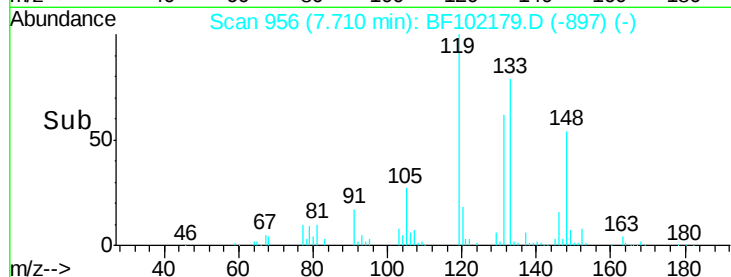
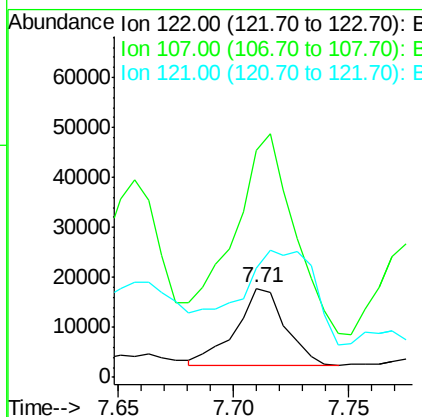
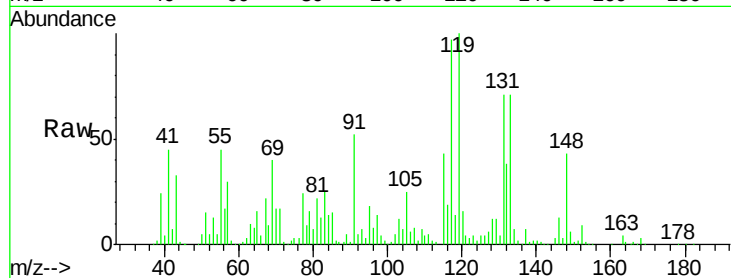
Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:122 Resp: 23120
 Ion Ratio Lower Upper
 122 100
 107 255.5 91.2 136.8#
 121 123.7 47.2 70.8#



#28

bis(2-Chloroethoxy)methane

Concen: 41.703 ng

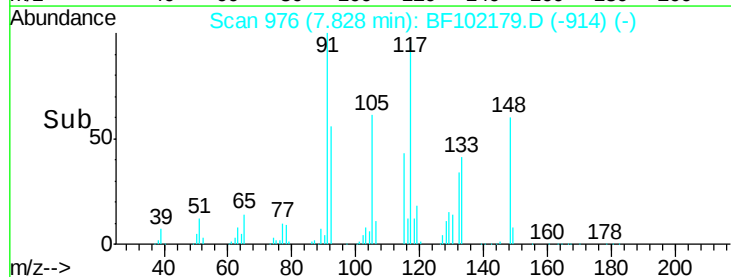
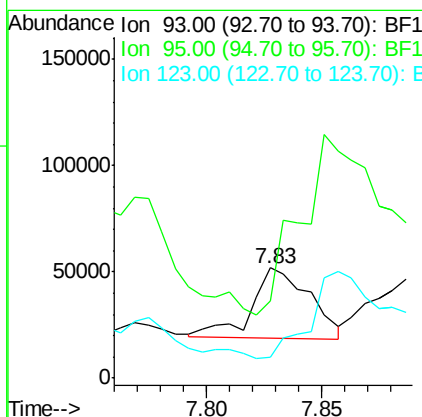
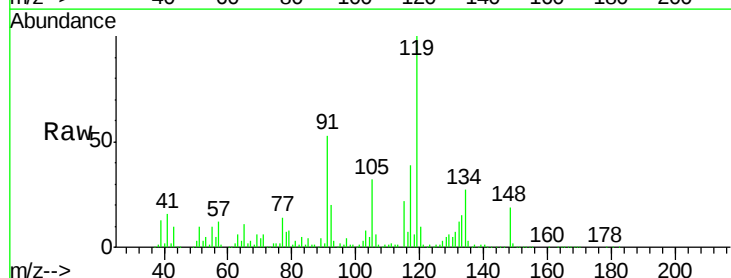
RT: 7.83 min Scan# 976

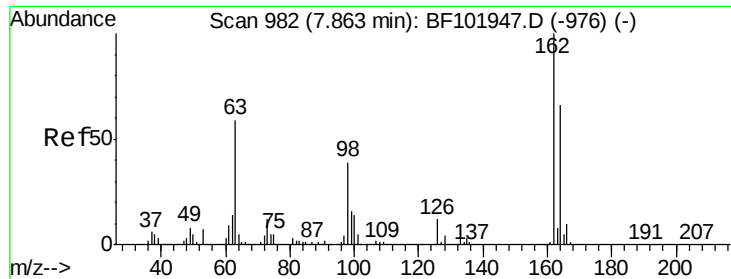
Delta R.T. 0.06 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Tgt Ion: 93 Resp: 57955
 Ion Ratio Lower Upper
 93 100
 95 70.3 26.3 39.5#
 123 18.6 9.8 14.6#

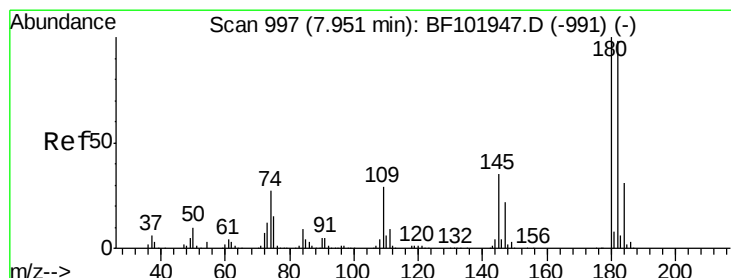
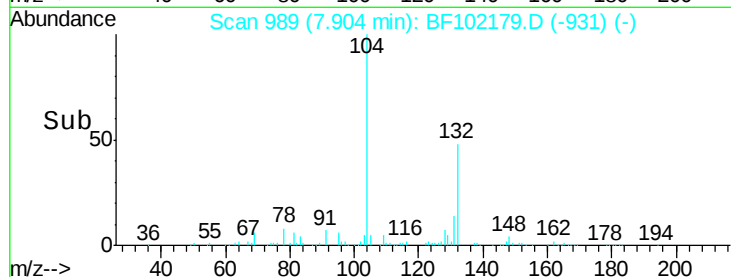
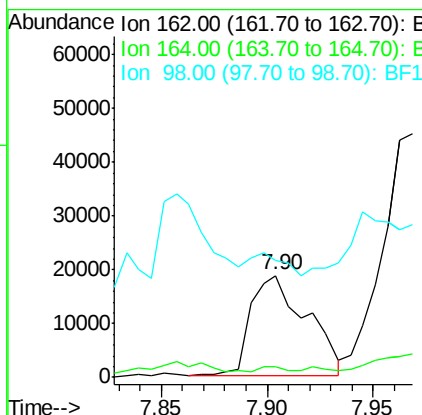
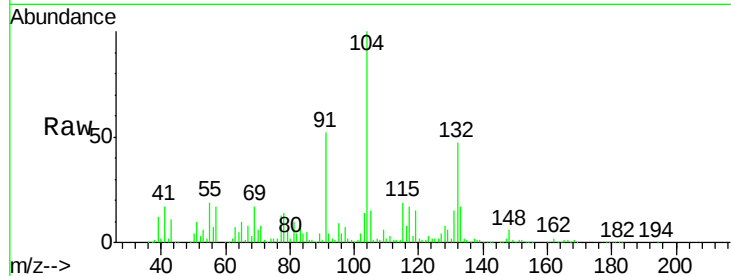




#29
2,4-Dichlorophenol
Concen: 37.161 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

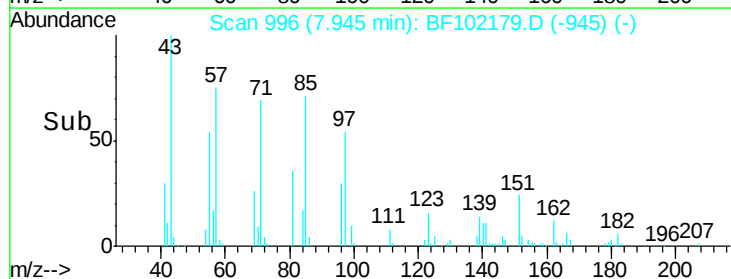
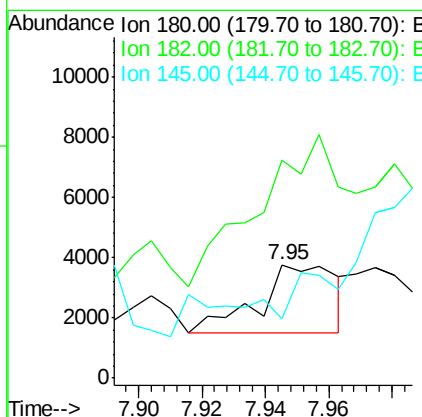
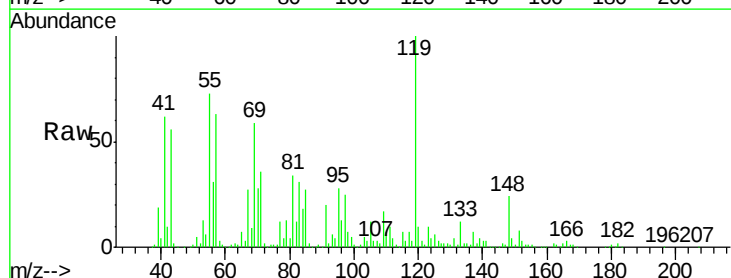
Instrument :
BNA_F
ClientSampleId :

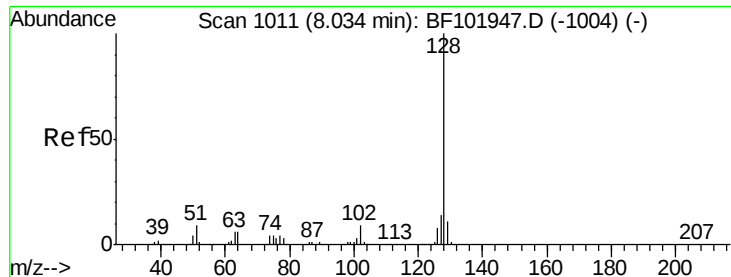
Tot Ion:162 Resp: 34523
Ion Ratio Lower Upper
162 100
164 10.8 42.7 82.7#
98 114.2 18.1 58.1#



#30
1,2,4-Trichlorobenzene
Concen: 3.961 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:180 Resp: 3849
Ion Ratio Lower Upper
180 100
182 191.6 76.8 115.2#
145 51.7 26.5 39.7#

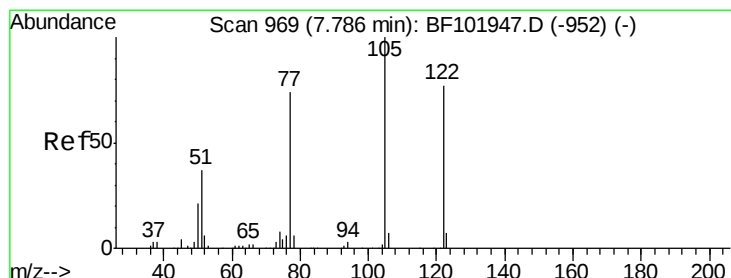
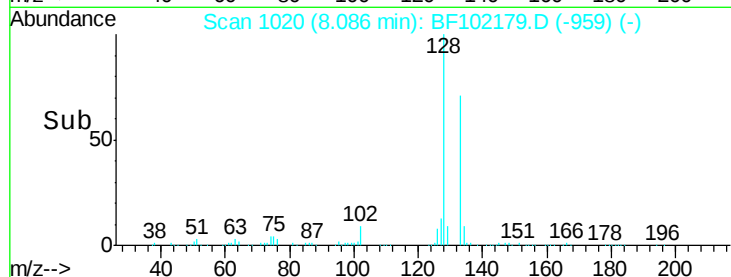
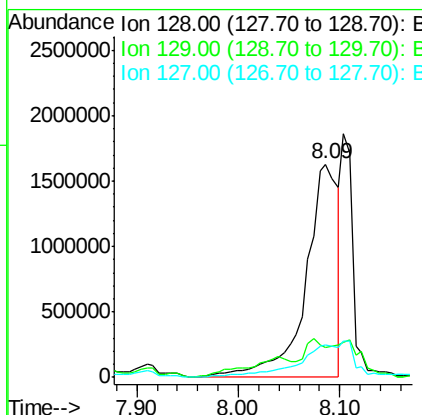
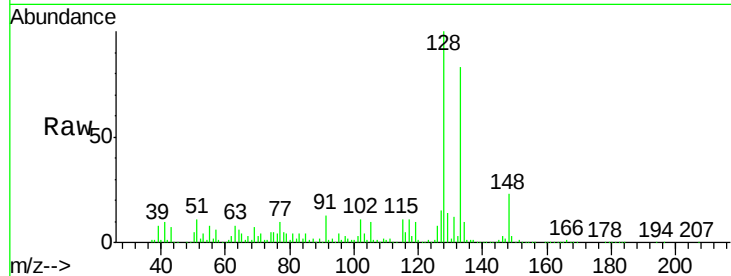




#31
Naphthalene
Concen: 1045.659 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.06 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

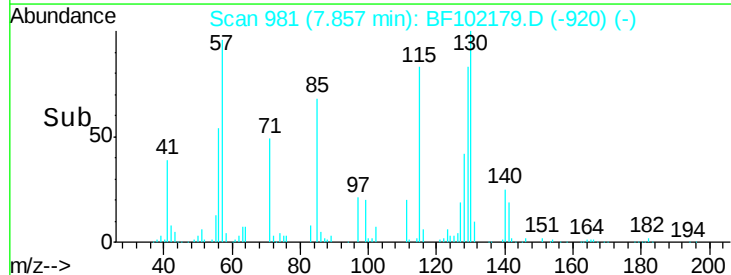
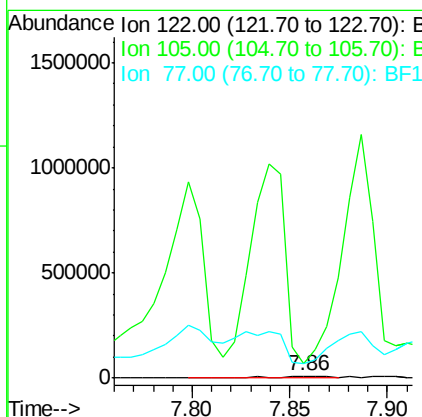
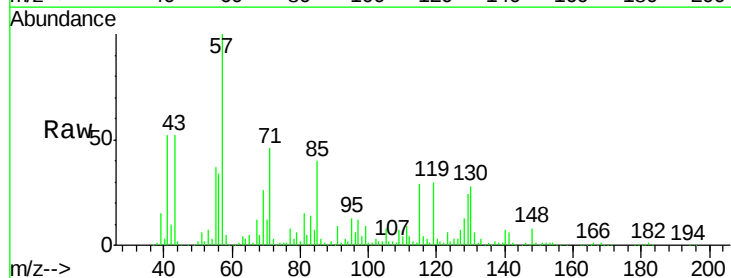
Instrument :
BNA_F
ClientSampled :

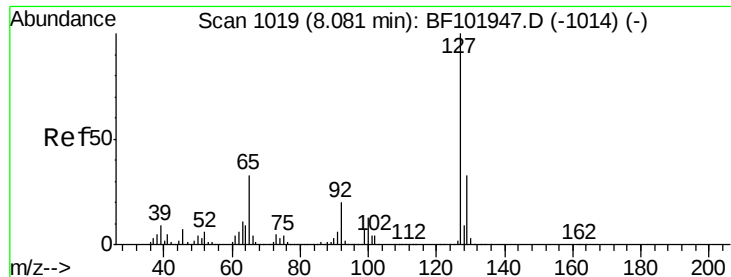
Tot Ion:128 Resp: 3576504
Ion Ratio Lower Upper
128 100
129 14.0 8.8 13.2#
127 15.0 10.9 16.3



#32
Benzoic acid
Concen: 21.232 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.06 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:122 Resp: 15752
Ion Ratio Lower Upper
122 100
105 796.2 101.1 141.1#
77 745.3 70.7 110.7#

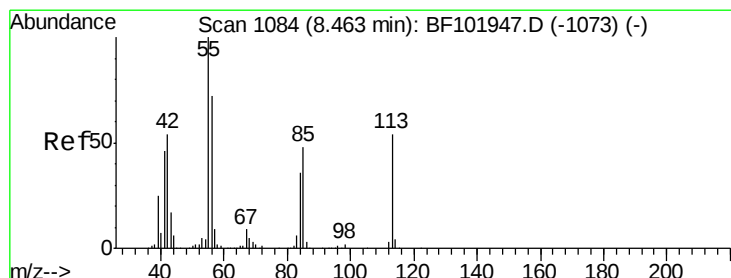
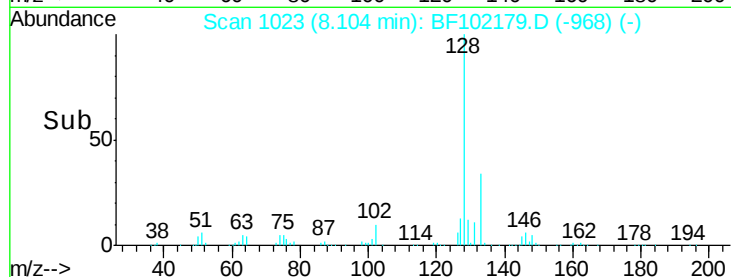
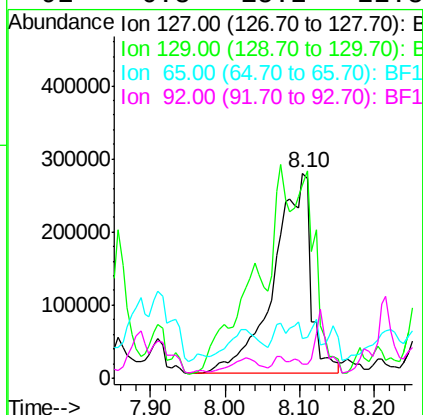
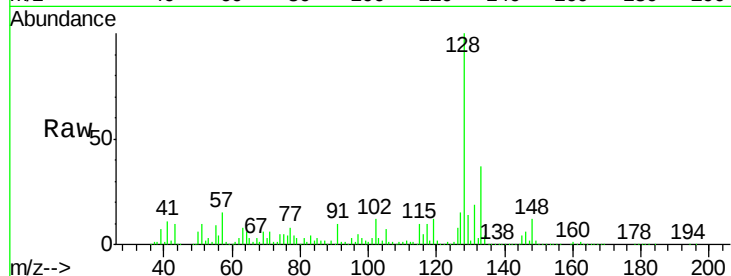




#33
4-Chloroaniline
Concen: 644.009 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

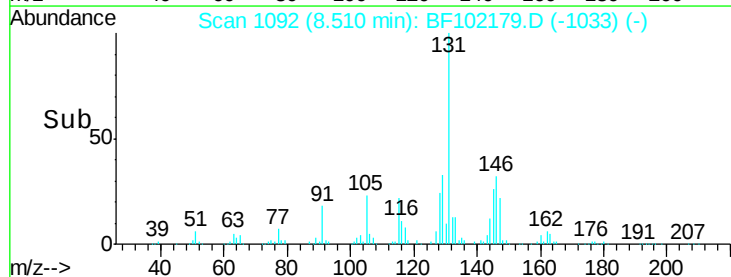
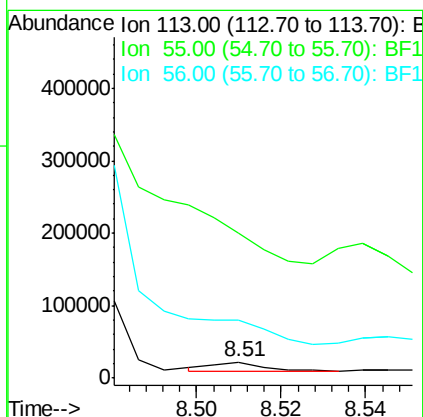
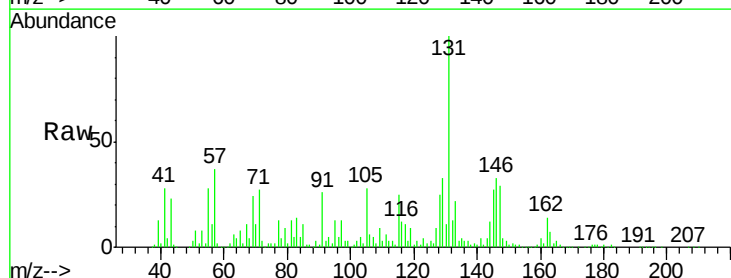
Instrument :
BNA_F
ClientSampleId :

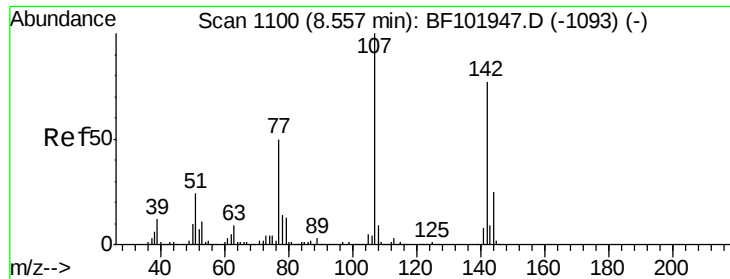
Tot Ion:	127	Resp:	940160
Ion	Ratio	Lower	Upper
127	100		
129	94.4	25.9	38.9#
65	19.2	25.0	37.4#
92	6.8	15.2	22.8#



#35
Caprolactam
Concen: 32.835 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.05 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:	113	Resp:	10472
Ion	Ratio	Lower	Upper
113	100		
55	913.2	163.3	203.3#
56	368.3	115.7	155.7#

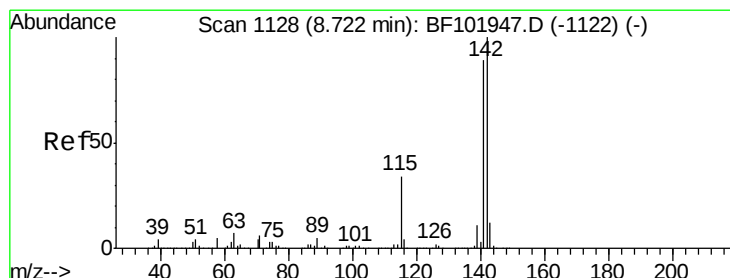
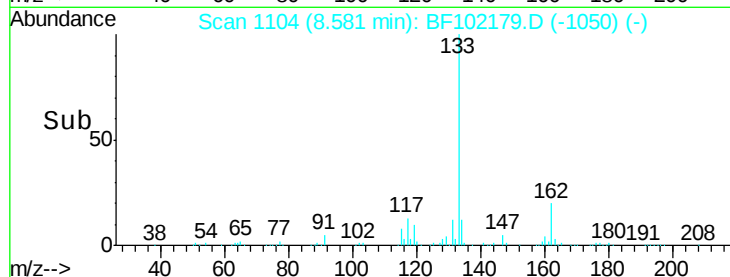
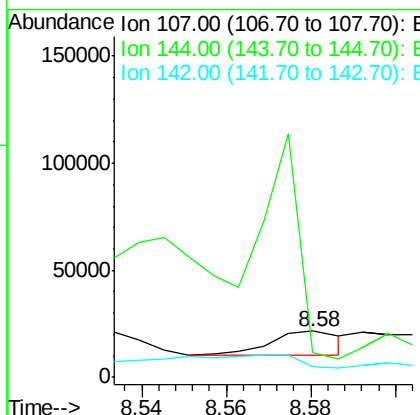
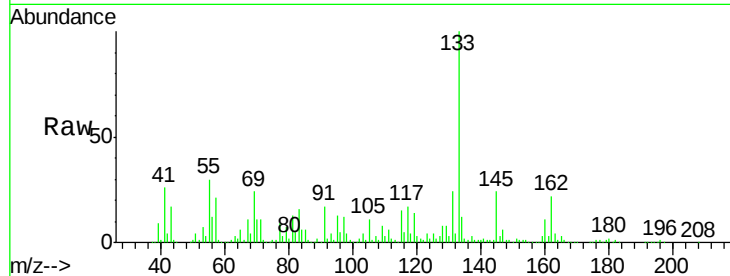




#36
 4-Chloro-3-methylphenol
 Concen: 13.043 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

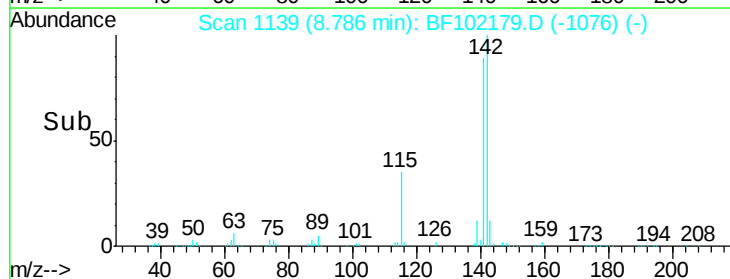
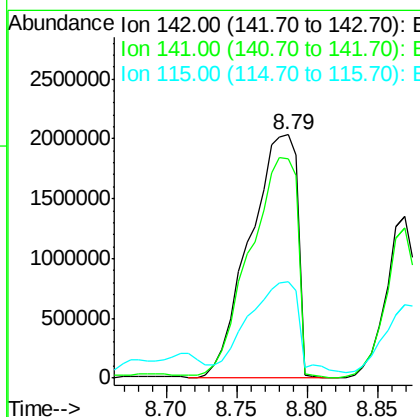
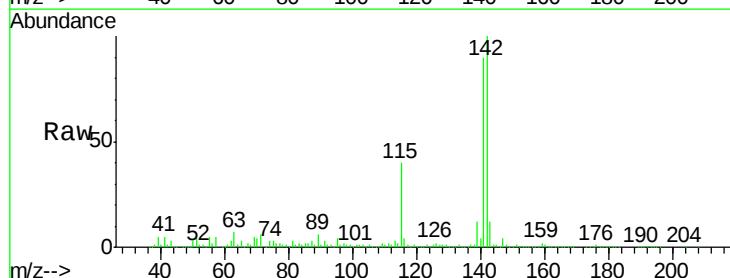
Instrument :
 BNA_F
 ClientSampled :

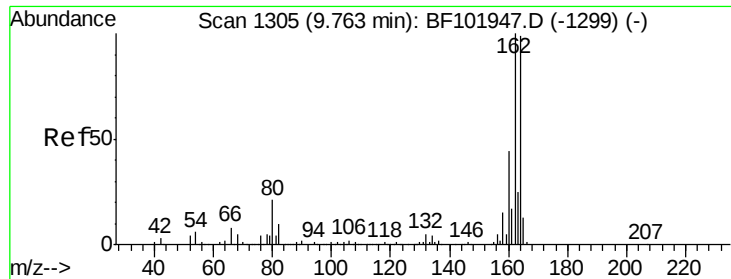
Tot Ion:107 Resp: 13264
 Ion Ratio Lower Upper
 107 100
 144 54.9 20.5 30.7#
 142 24.2 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 2130.996 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.07 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion:142 Resp: 4798369
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.8 106.2
 115 39.8 26.1 39.1#

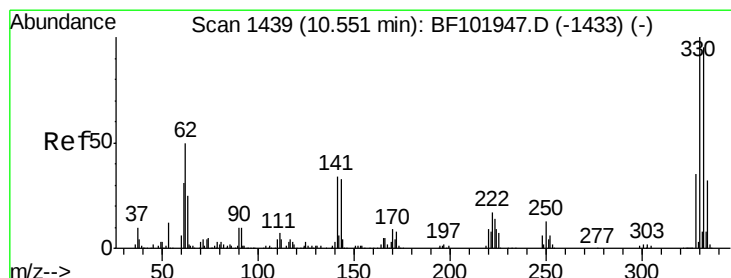
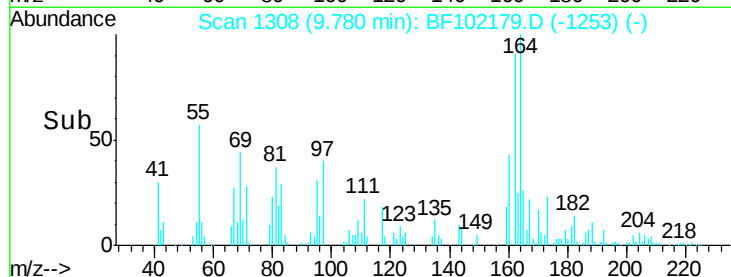
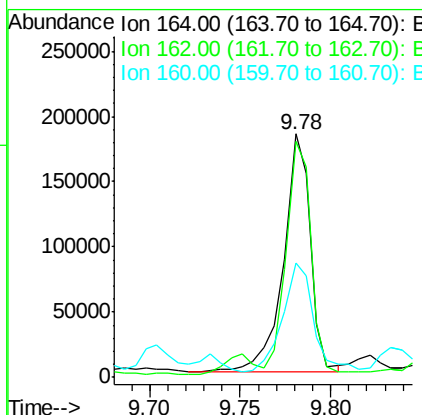
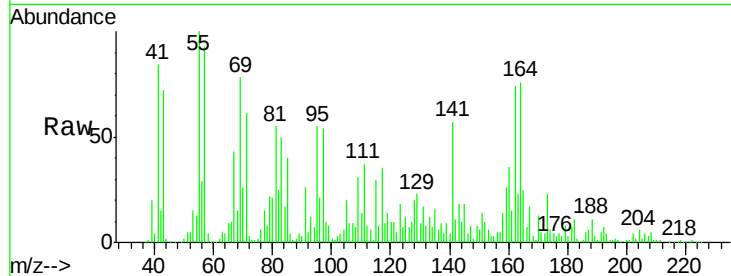




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

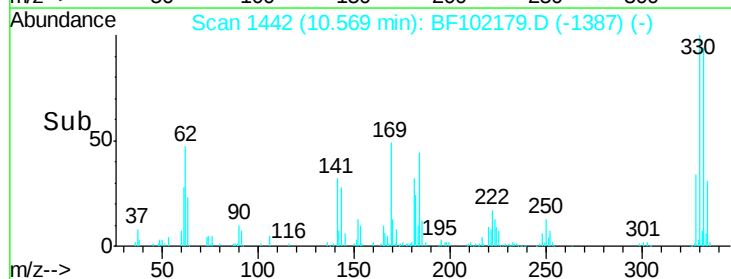
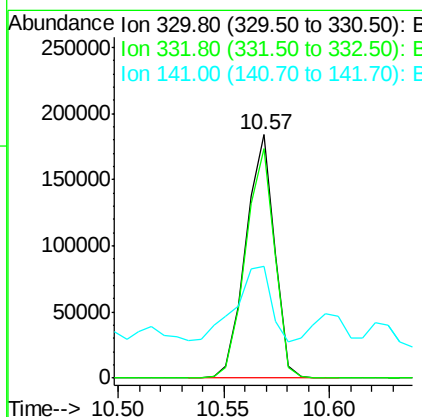
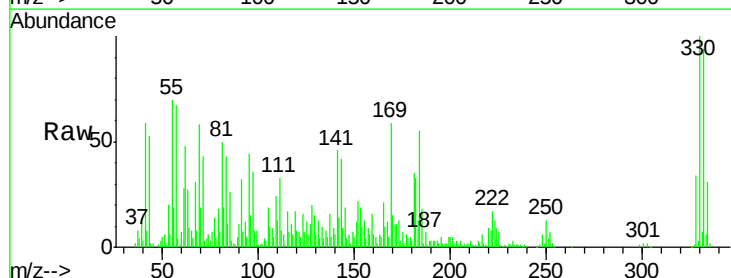
Instrument :
 BNA_F
 ClientSampled :

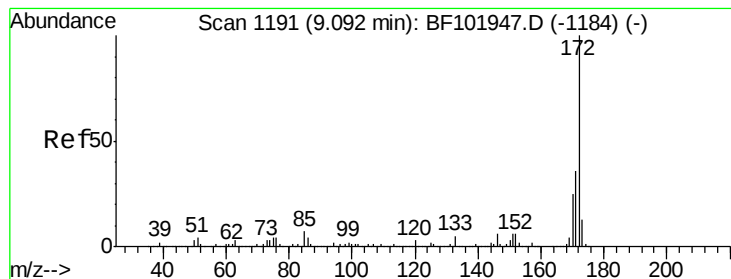
Tot Ion:164 Resp: 191708
 Ion Ratio Lower Upper
 164 100
 162 97.2 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 103.507 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion:330 Resp: 173169
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 38.4 29.9 44.9

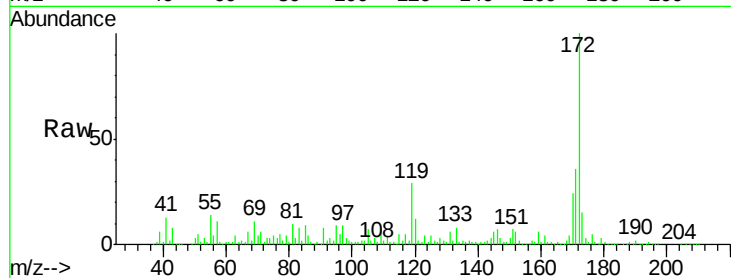




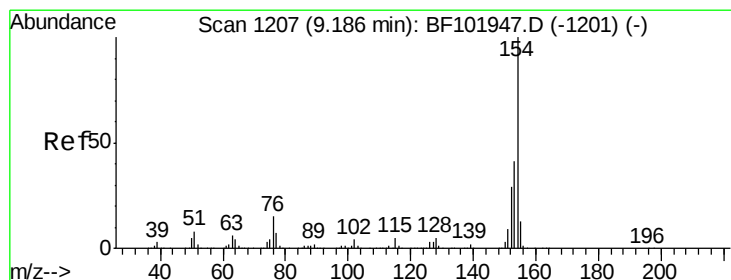
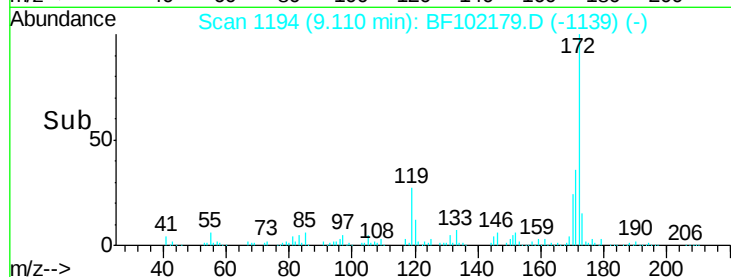
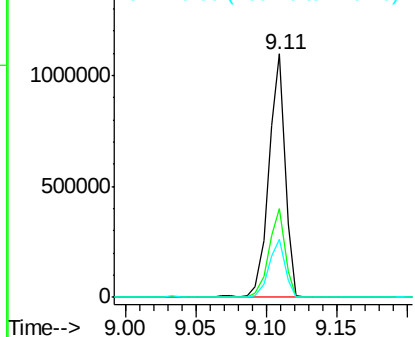
#44
 2-Fluorobiphenyl
 Concen: 73.704 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 904431
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.6 19.6 29.4

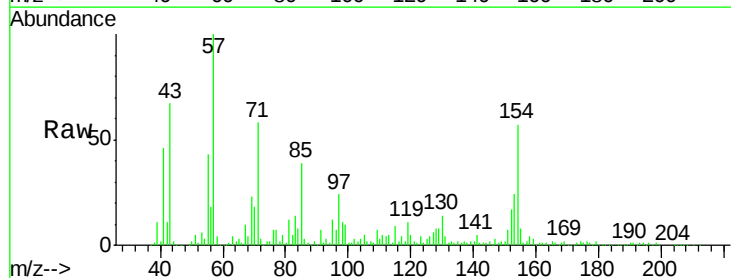


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

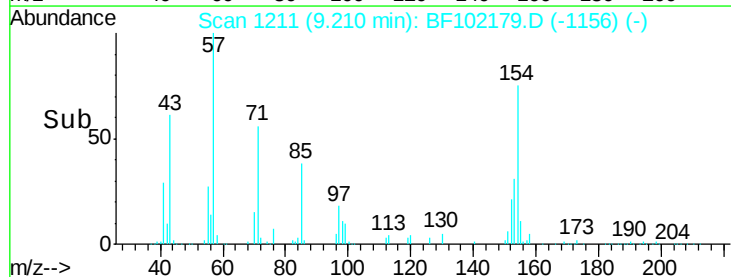
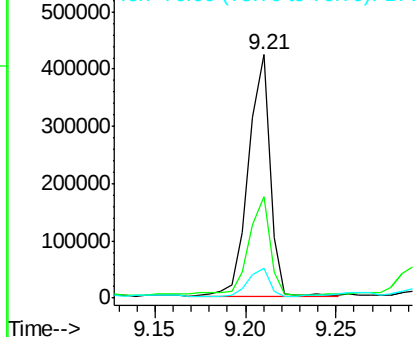


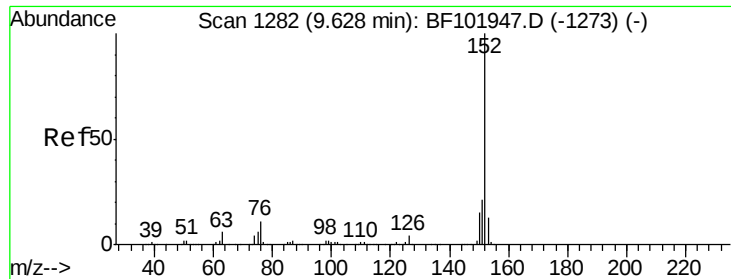
#45
 1,1'-Biphenyl
 Concen: 20.522 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion:154 Resp: 347750
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 12.4 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





#48

Acenaphthylene

Concen: 2.885 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampleId :

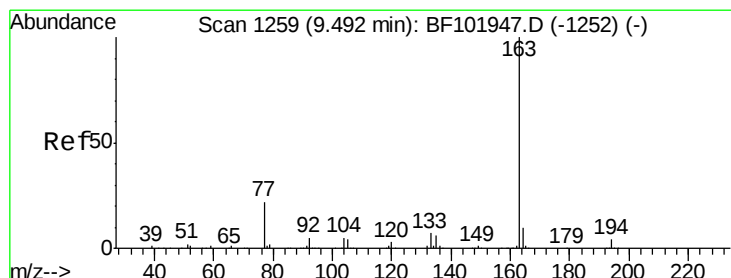
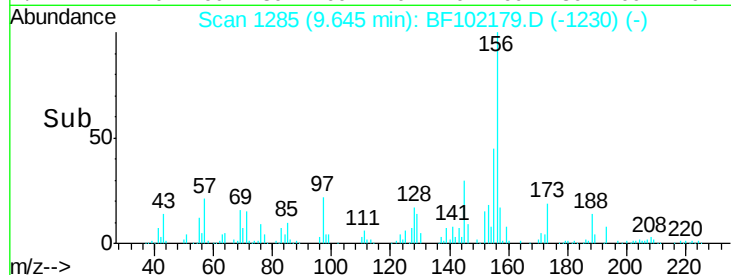
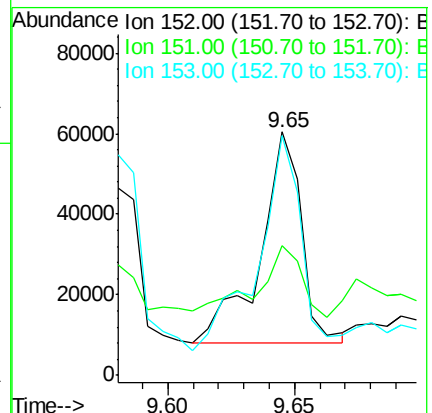
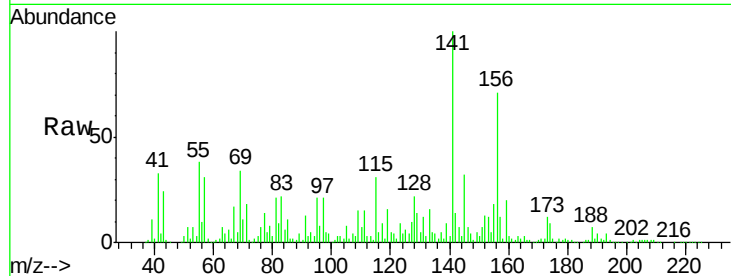
Tot Ion:152 Resp: 60153

Ion Ratio Lower Upper

152 100

151 53.1 16.3 24.5#

153 98.2 10.7 16.1#



#49

Dimethylphthalate

Concen: 5.168 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

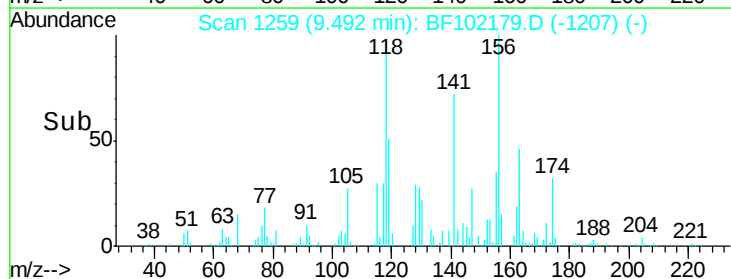
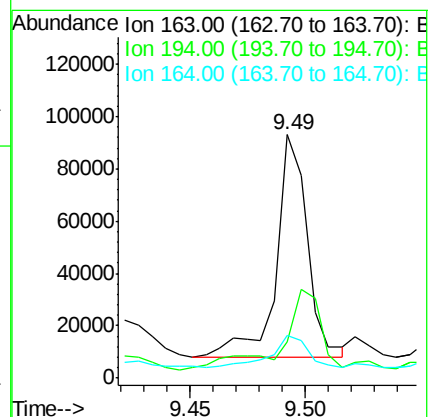
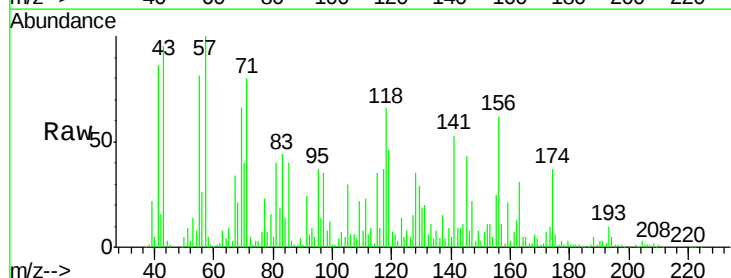
Tgt Ion:163 Resp: 79477

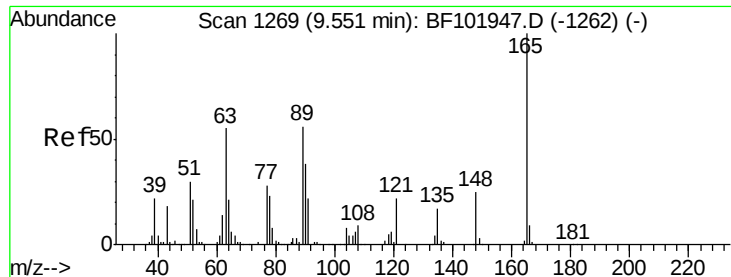
Ion Ratio Lower Upper

163 100

194 15.0 2.7 4.1#

164 17.6 8.2 12.2#

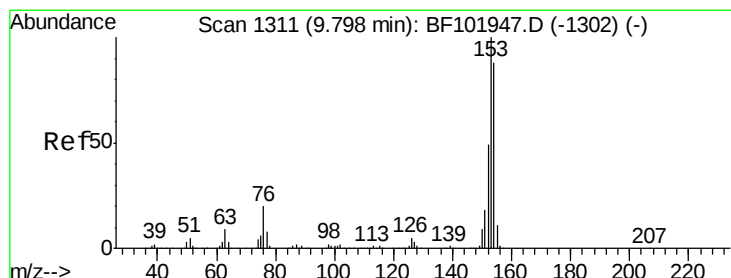
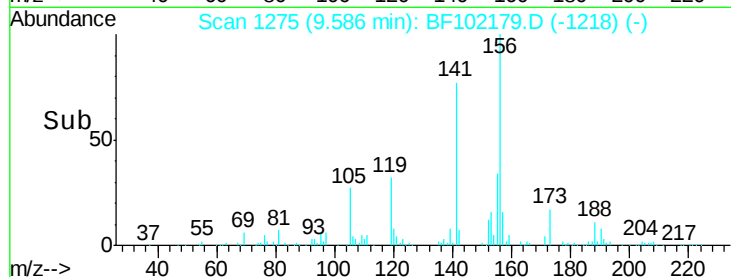
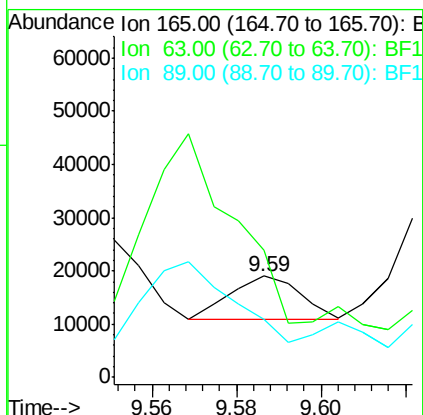
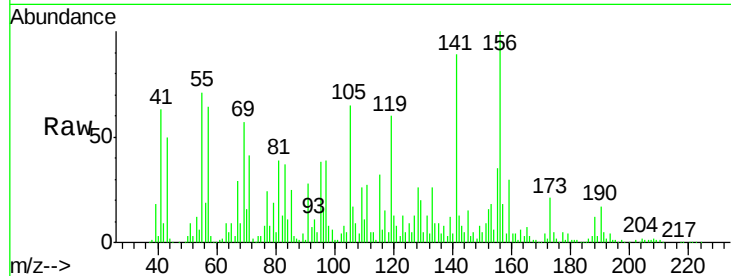




#50
 2,6-Dinitrotoluene
 Concen: 3.018 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.04 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

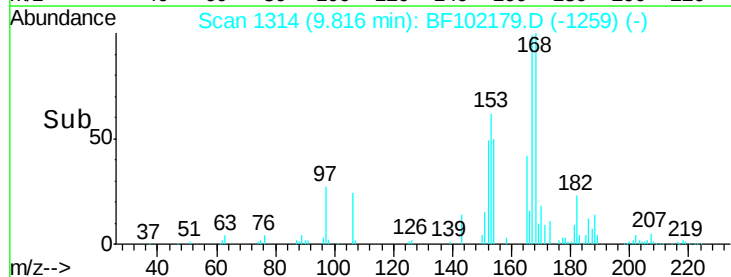
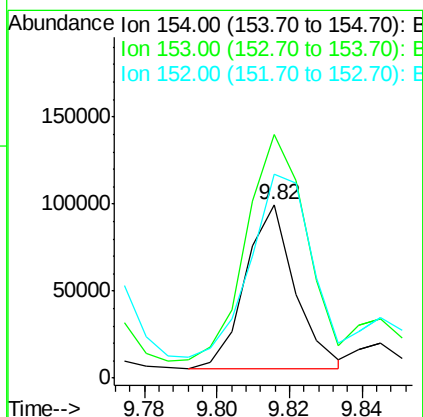
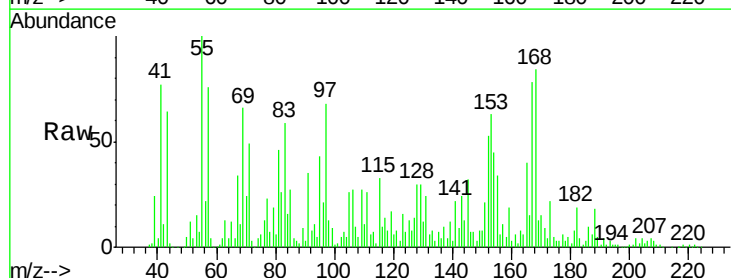
Instrument :
 BNA_F
 ClientSampleId :

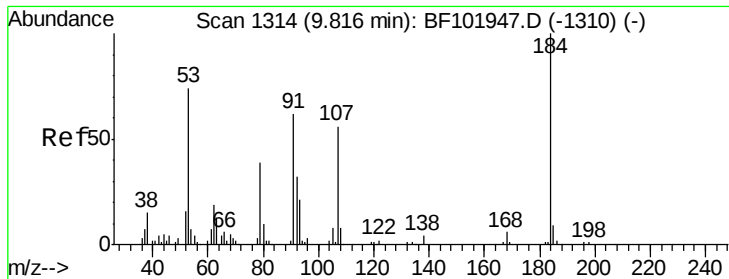
Tot Ion:165 Resp: 9271
 Ion Ratio Lower Upper
 165 100
 63 124.9 44.7 67.1#
 89 57.1 44.0 66.0



#51
 Acenaphthene
 Concen: 7.082 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion:154 Resp: 89632
 Ion Ratio Lower Upper
 154 100
 153 140.1 91.2 136.8#
 152 117.5 43.8 65.8#

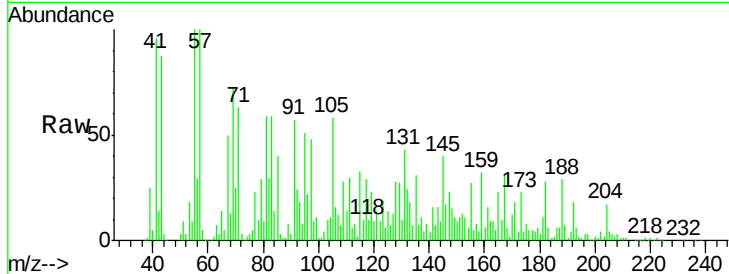




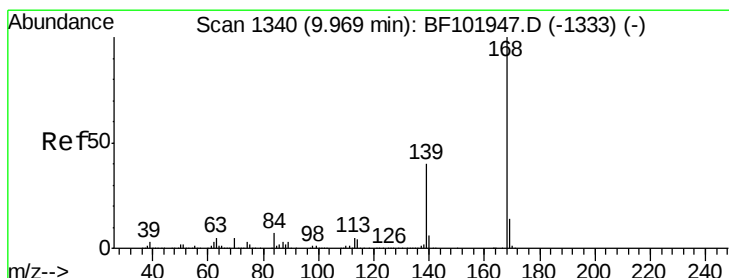
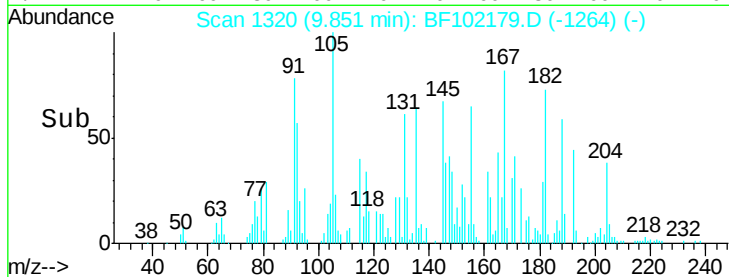
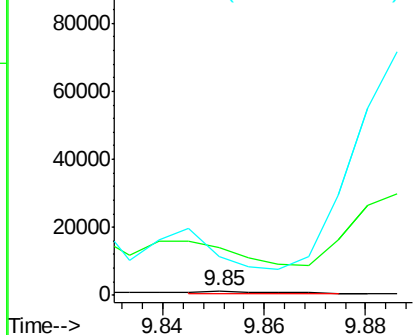
#53
2,4-Dinitrophenol
Concen: 9.359 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.03 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 923
Ion Ratio Lower Upper
184 100
63 1048.1 54.2 81.2#
154 847.3 184.0 276.0#

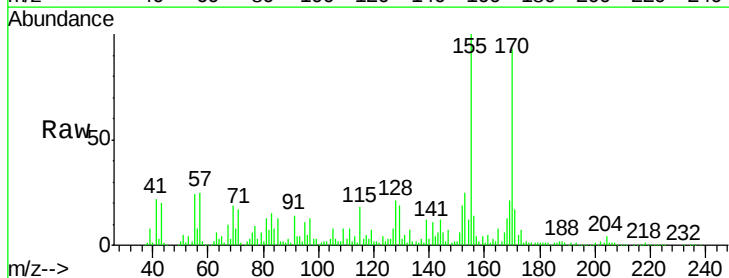


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

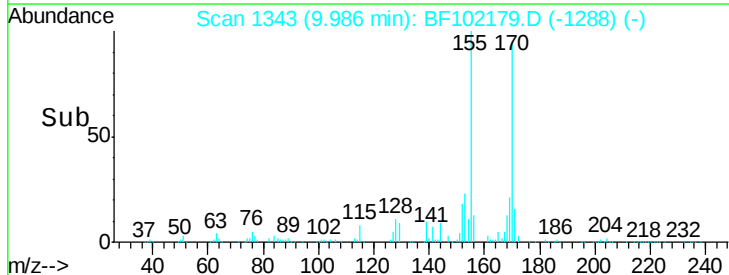
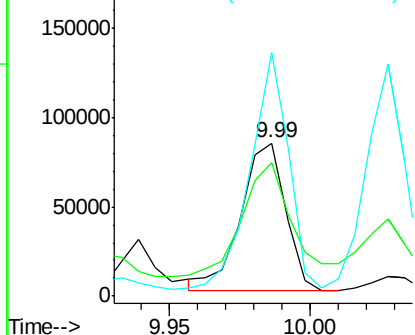


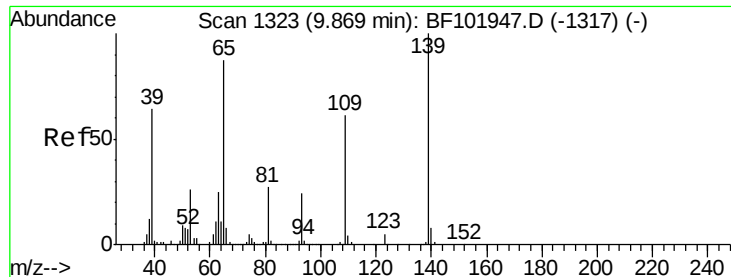
#54
Dibenzofuran
Concen: 5.244 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:168 Resp: 91099
Ion Ratio Lower Upper
168 100
139 87.3 30.1 45.1#
169 159.0 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

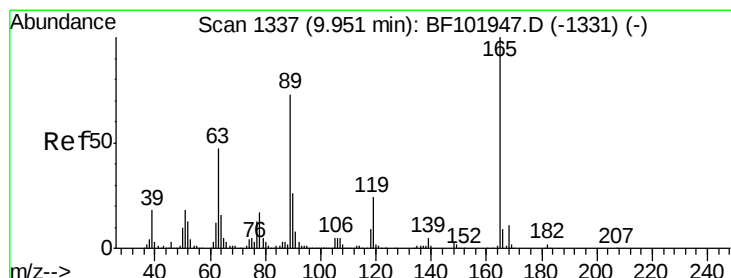
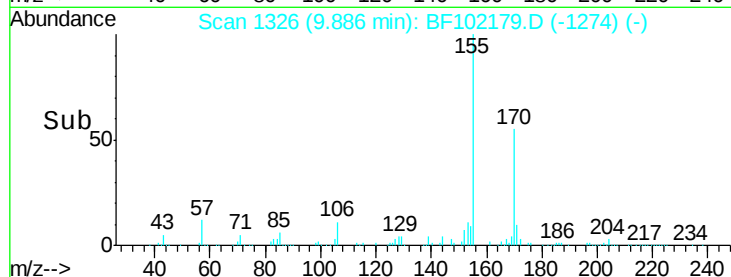
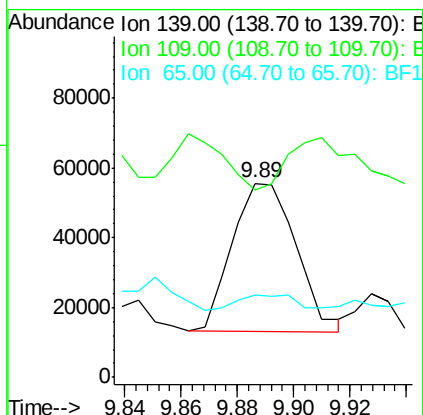
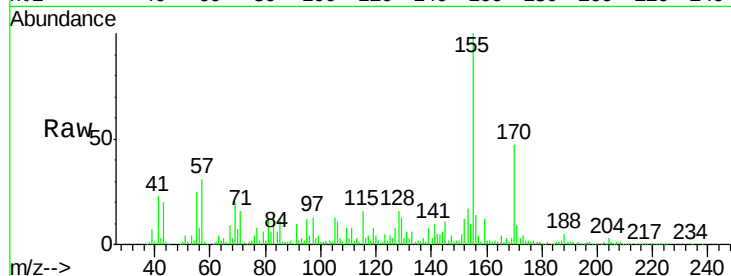




#55
4-Nitrophenol
Concen: 23.058 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

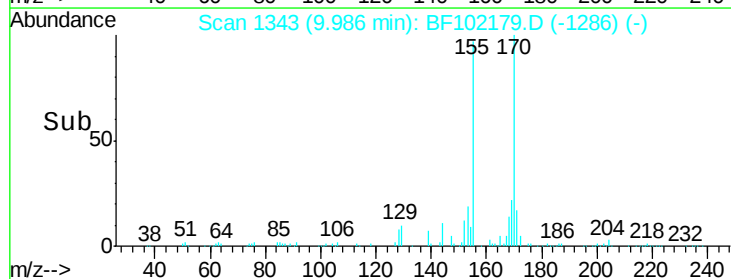
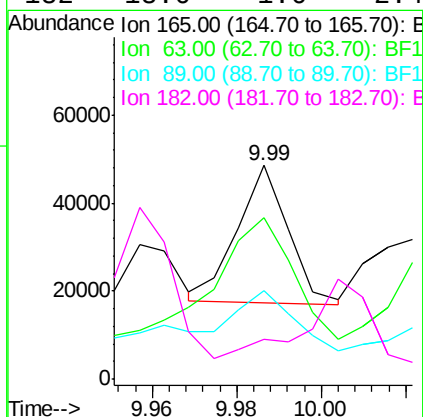
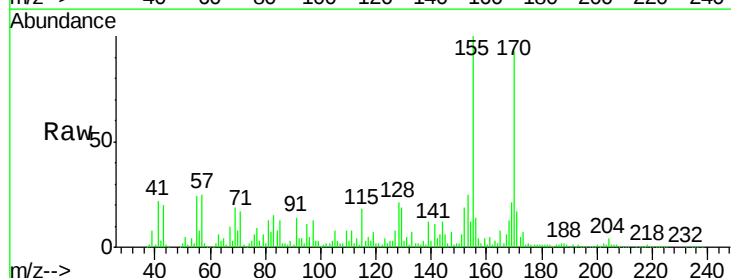
Instrument :
BNA_F
ClientSampleId :

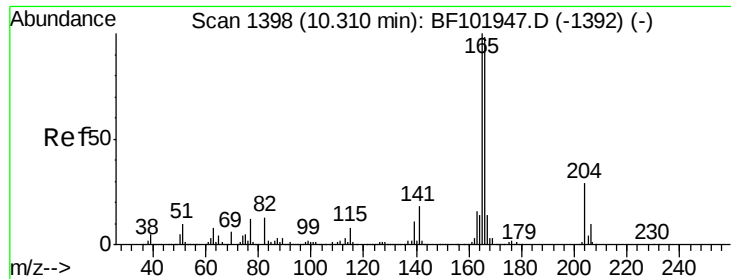
Tot Ion:139 Resp: 66621
Ion Ratio Lower Upper
139 100
109 96.5 48.4 88.4#
65 42.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.04 min
Lab File: BF102179.D
Acq: 18 Jan 2018 5:29

Tgt Ion:165 Resp: 25985
Ion Ratio Lower Upper
165 100
63 75.3 36.4 54.6#
89 41.3 57.8 86.6#
182 18.6 1.6 2.4#

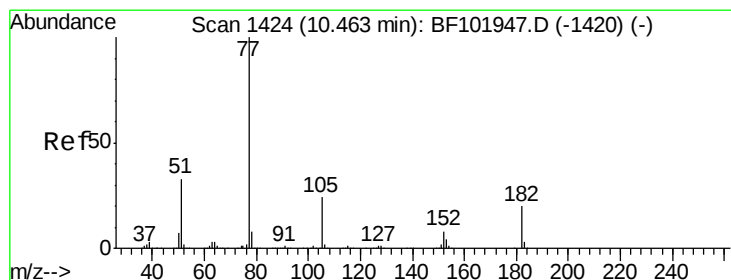
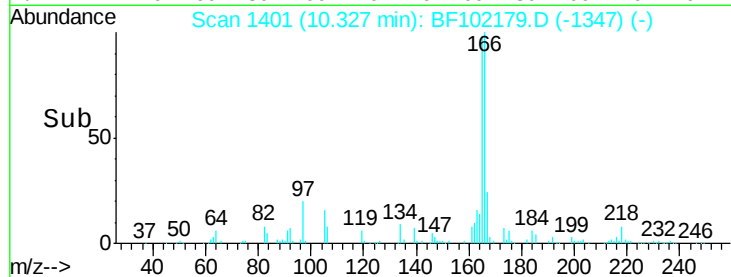
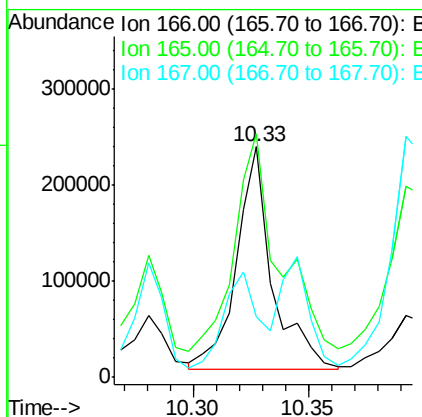
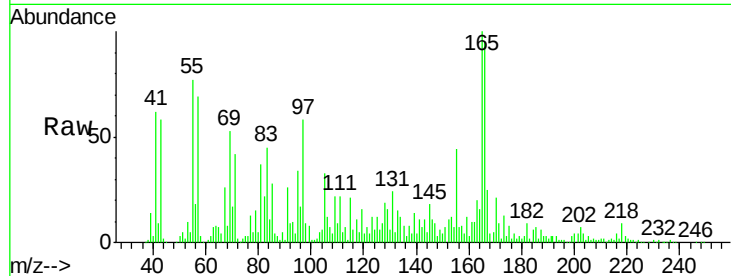




#57
Fluorene
 Concen: 20.825 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

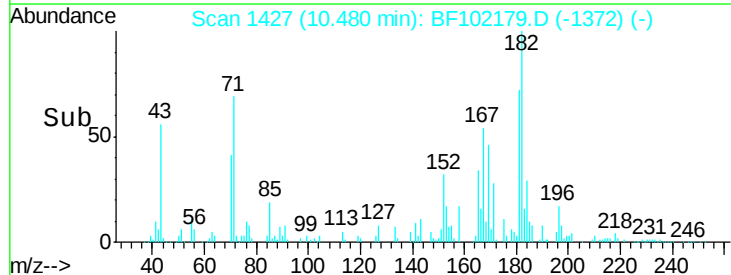
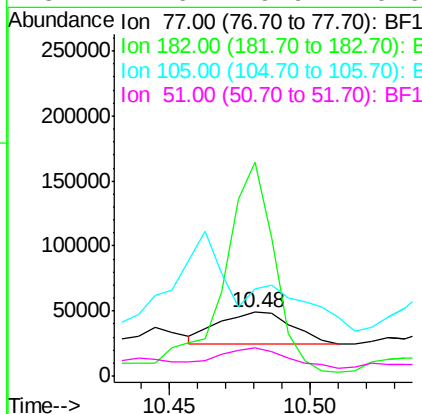
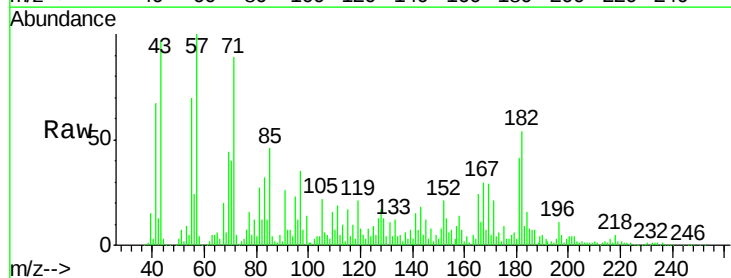
Instrument :
 BNA_F
 ClientSampleId :

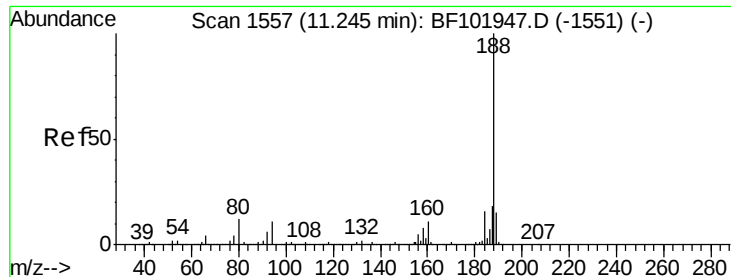
Tot Ion:166 Resp: 250070
 Ion Ratio Lower Upper
 166 100
 165 105.6 79.8 119.8
 167 26.3 10.6 16.0#



#62
Azobenzene
 Concen: 2.903 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.02 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion: 77 Resp: 44179
 Ion Ratio Lower Upper
 77 100
 182 335.8 1.7 41.7#
 105 135.9 3.0 43.0#
 51 44.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampleId :

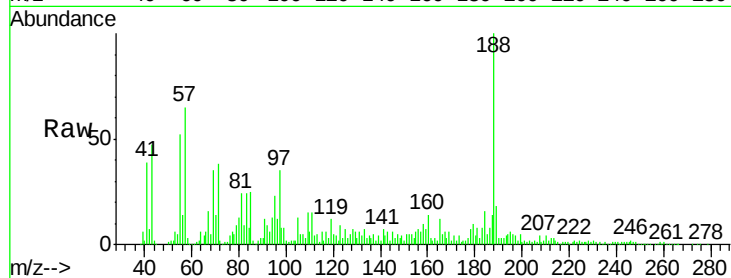
Tot Ion:188 Resp: 257318

Ion Ratio Lower Upper

188 100

94 13.0 8.5 12.7#

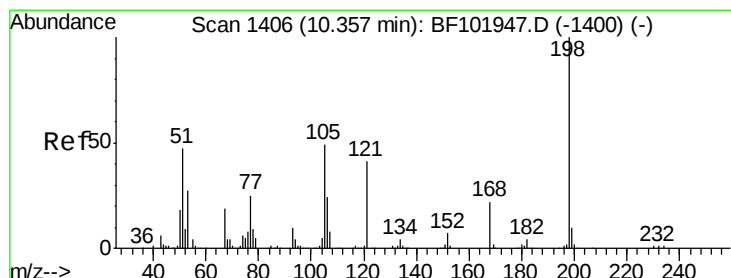
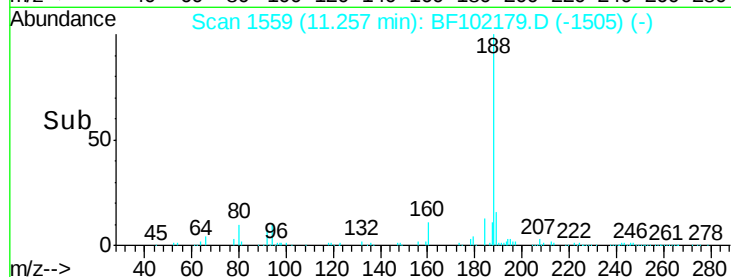
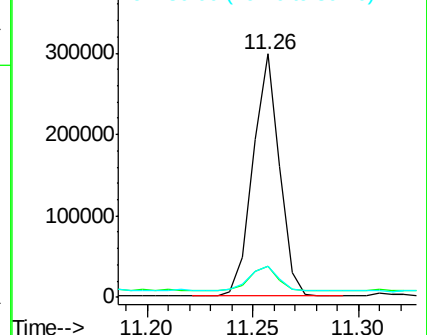
80 12.9 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 6.198 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

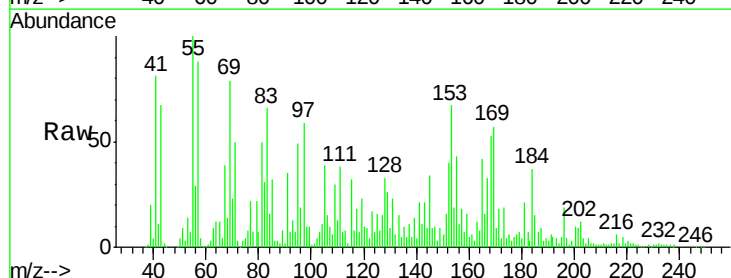
Tgt Ion:198 Resp: 849

Ion Ratio Lower Upper

198 100

51 810.8 37.7 77.7#

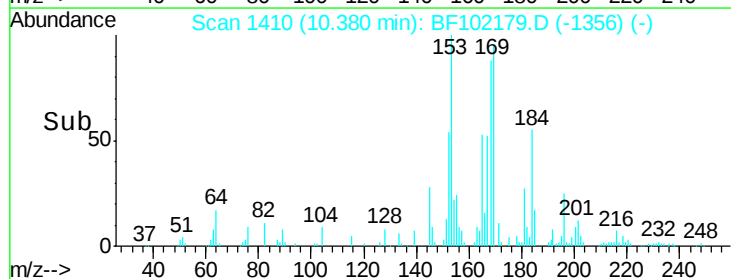
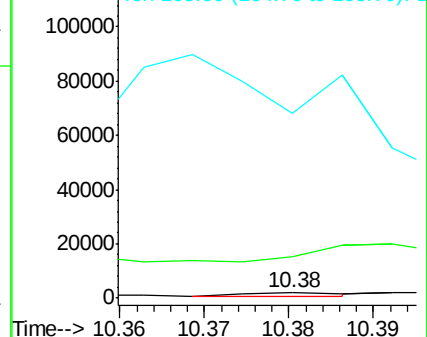
105 3572.1 36.3 76.3#

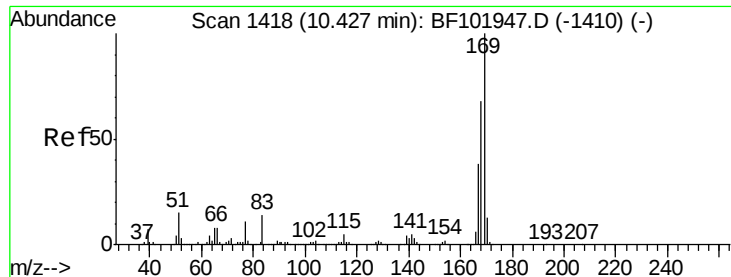


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 19.929 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.02 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampleId :

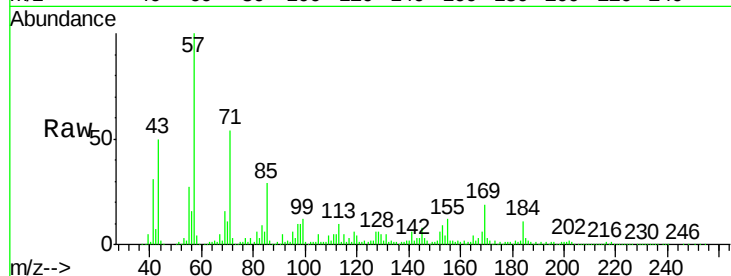
Tot Ion:169 Resp: 192025

Ion Ratio Lower Upper

169 100

168 29.2 54.4 81.6#

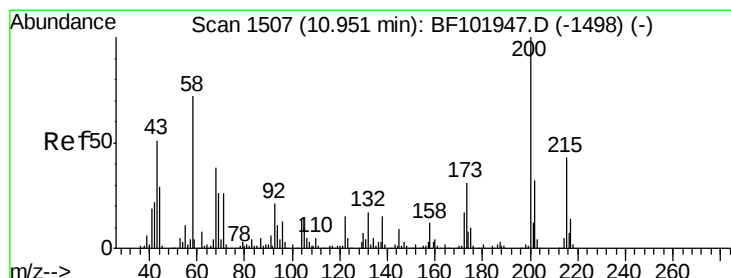
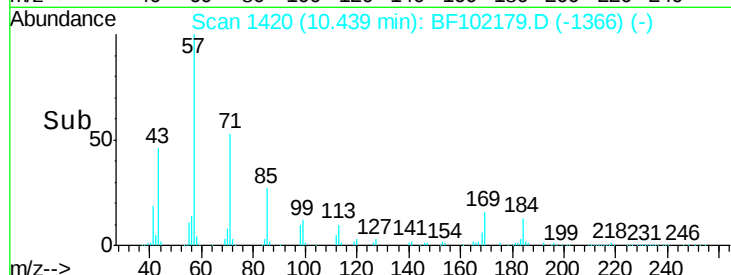
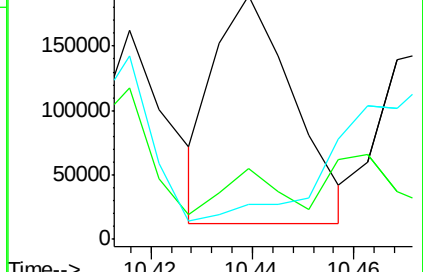
167 14.4 29.8 44.6#



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



#68

Atrazine

Concen: 4.687 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.18 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

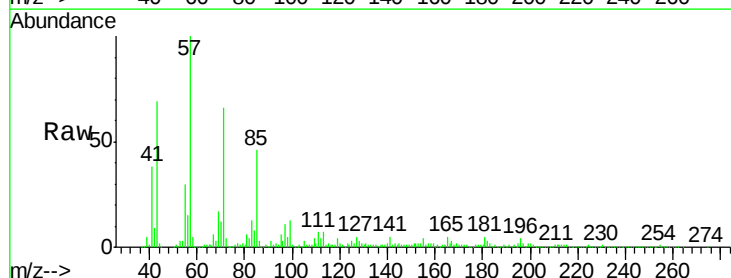
Tgt Ion:200 Resp: 13052

Ion Ratio Lower Upper

200 100

173 47.8 8.6 48.6

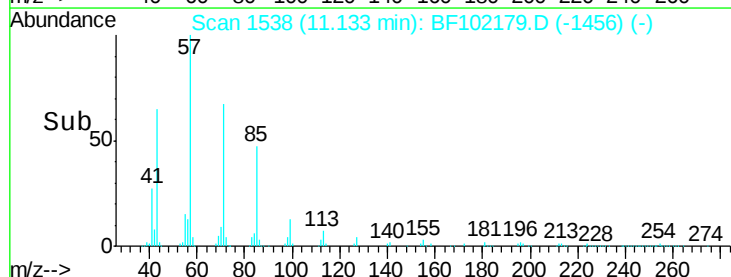
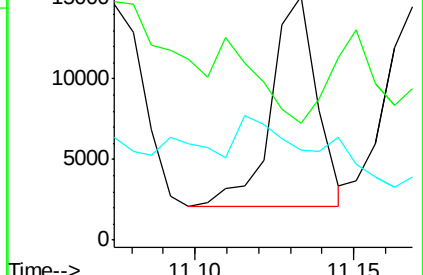
215 37.2 25.1 65.1

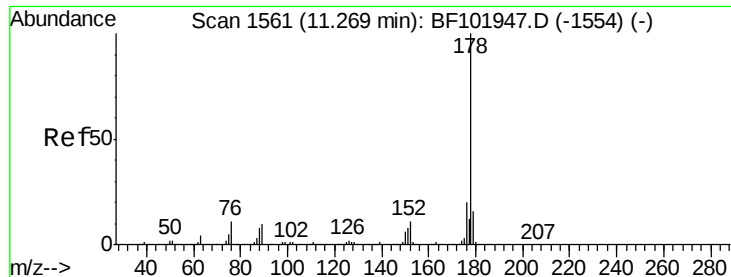


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 30.998 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampleId :

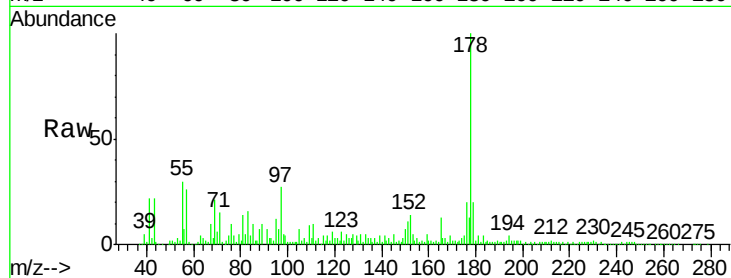
Tot Ion:178 Resp: 465921

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

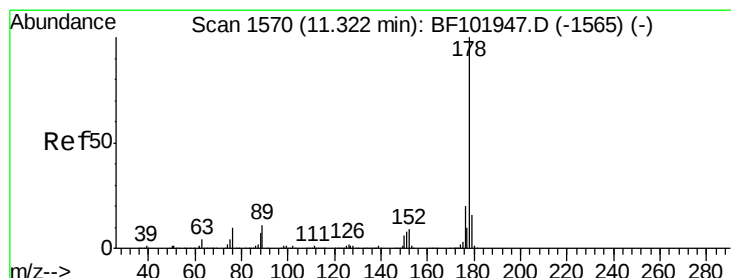
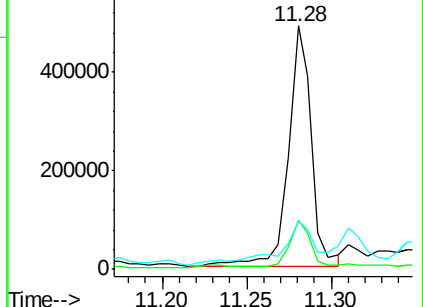
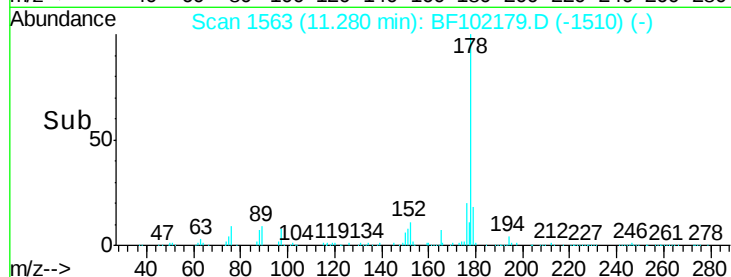
179 19.7 13.0 19.6#



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: 3.234 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.05 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

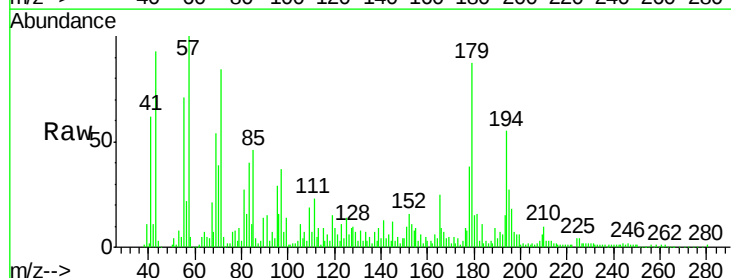
Tgt Ion:178 Resp: 49305

Ion Ratio Lower Upper

178 100

176 22.6 15.4 23.2

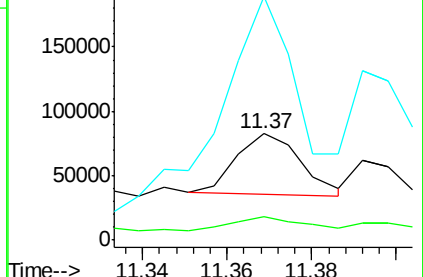
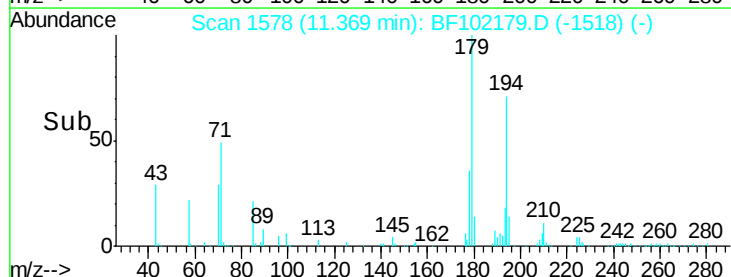
179 228.4 12.6 19.0#

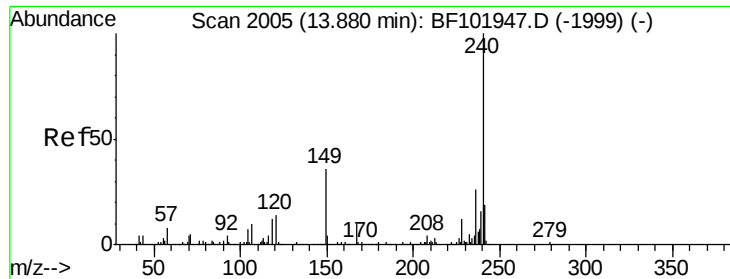


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

Instrument :

BNA_F

ClientSampleId :

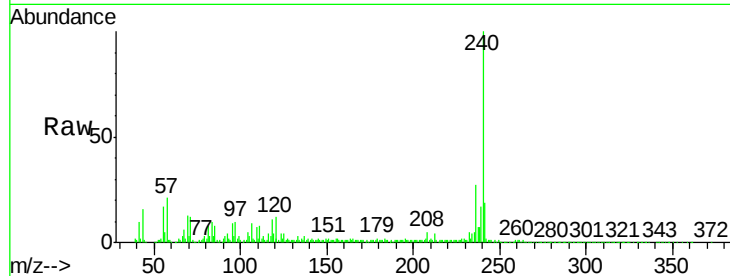
Tot Ion:240 Resp: 249025

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

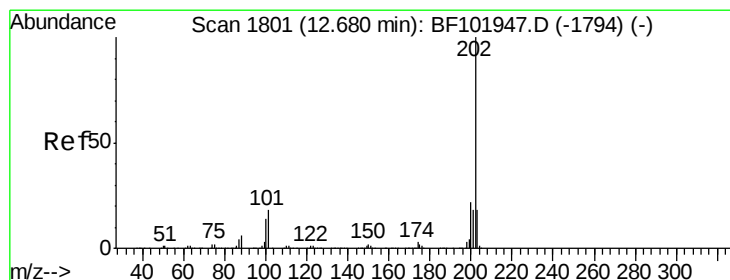
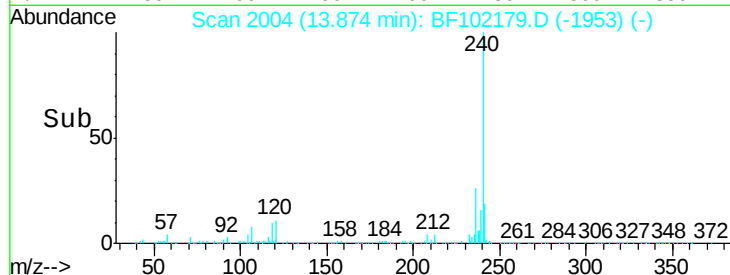
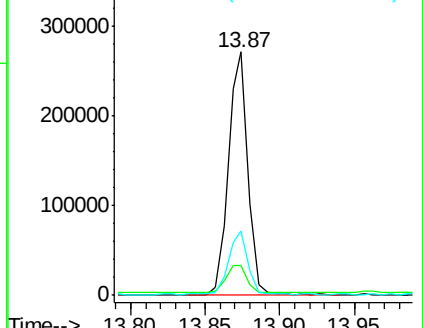
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.707 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF102179.D

Acq: 18 Jan 2018 5:29

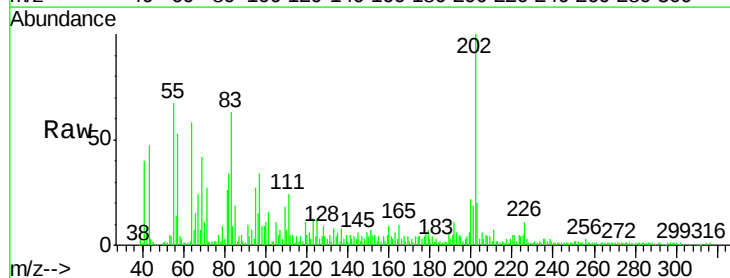
Tgt Ion:202 Resp: 103607

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

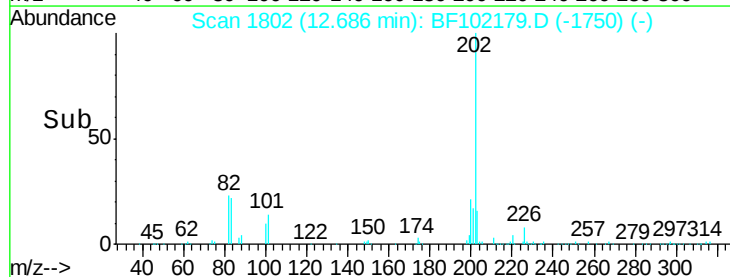
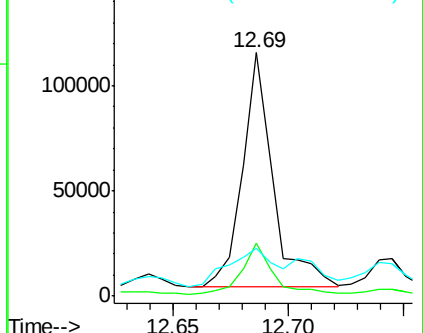
203 19.7 14.3 21.5

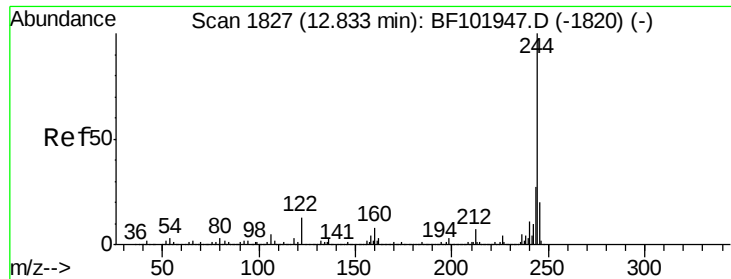


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

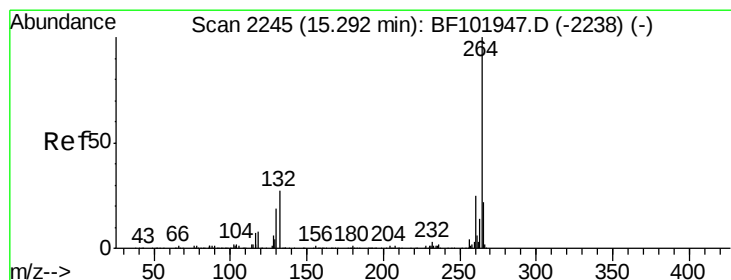
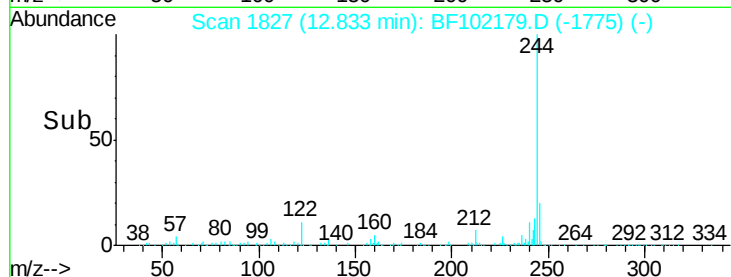
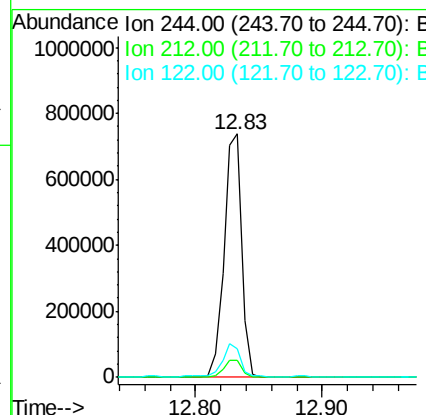
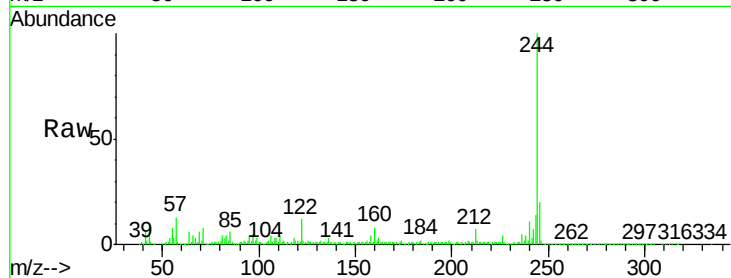




#78
 Terphenyl-d14
 Concen: 59.370 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 712074
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.01 min
 Lab File: BF102179.D
 Acq: 18 Jan 2018 5:29

Tgt Ion:264 Resp: 238743
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.6 17.5 26.3

