

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104138.D
 Acq On : 2 Apr 2018 16:34
 Operator : JU/SJ
 Sample : J2173-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 17:14:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	104262	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	185298	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	187102	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	254501	20.00	ng	0.00
75) Chrysene-d12	14.15	240	221476	20.00	ng	0.00
86) Perylene-d12	15.70	264	239663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	141070	21.58	ng	0.04
7) Phenol-d6	6.63	99	249135	30.97	ng	0.03
23) Nitrobenzene-d5	7.54	82	540762	178.47	ng	0.01
41) 2,4,6-Tribromophenol	10.81	330	199465	95.74	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	986797	83.17	ng	0.00
78) Terphenyl-d14	13.08	244	557799	58.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	15047	5.336	ng	92
3) Pyridine	3.62	79	68447	9.589	ng	89
6) Aniline	6.65	93	316726	32.893	ng	# 75
9) Benzaldehyde	6.52	77	55167	10.376	ng	# 1
10) Phenol	6.64	94	181729	20.391	ng	# 21
11) bis(2-Chloroethyl)ether	6.65	93	316726	41.241	ng	# 32
15) Benzyl Alcohol	7.14	79	12657	2.420	ng	# 1
17) 2-Methylphenol	7.22	107	194403	33.305	ng	93
18) Hexachloroethane	7.52	117	335815	116.113	ng	# 4
19) n-Nitroso-di-n-propylamine	7.54	70	69640	14.589	ng	# 77
20) 3+4-Methylphenols	7.39	107	866997	116.384	ng	94
22) Acetophenone	7.35	105	22848	5.096	ng	# 87
24) Nitrobenzene	7.61	77	178840	56.098	ng	# 42
25) Isophorone	7.54	82	541345	96.947	ng	# 64
27) 2,4-Dimethylphenol	7.95	122	1611645	671.521	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	86732	24.783	ng	# 1
31) Naphthalene	8.30	128	11404761	1259.854	ng	97
32) Benzoic acid	7.95	122	1618205	920.397	ng	# 15
33) 4-Chloroaniline	8.29	127	1805269	473.027	ng	# 34
36) 4-Chloro-3-methylphenol	8.82	107	27123	10.229	ng	# 25
37) 2-Methylnaphthalene	8.97	142	1779696	298.462	ng	94
45) 1,1'-Biphenyl	9.42	154	733055	45.649	ng	99
46) 2-Chloronaphthalene	9.60	162	42798	3.379	ng	93
47) 2-Nitroaniline	9.57	65	14397	3.986	ng	# 37
48) Acenaphthylene	9.87	152	153097	7.978	ng	# 93
49) Dimethylphthalate	9.72	163	85079	5.759	ng	96
50) 2,6-Dinitrotoluene	9.98	165	26885	8.459	ng	90
51) Acenaphthene	10.05	154	1077066	97.021	ng	99
53) 2,4-Dinitrophenol	10.11	184	272	5.755	ng	# 1
54) Dibenzofuran	10.22	168	1366353	84.284	ng	99
55) 4-Nitrophenol	10.15	139	33541	15.312	ng	# 39
57) Fluorene	10.56	166	796640	59.573	ng	98
62) Azobenzene	10.69	77	69236	5.411	ng	# 51
65) n-Nitrosodiphenylamine	10.69	169	19196	2.227	ng	# 1

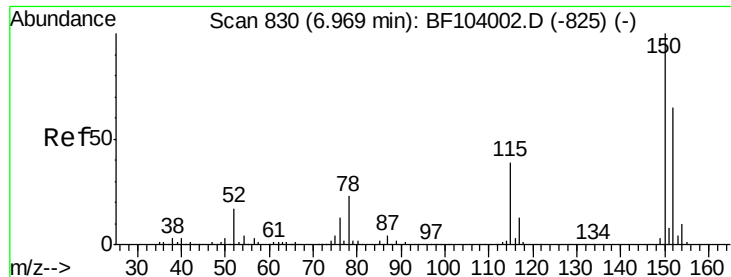
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104138.D
 Acq On : 2 Apr 2018 16:34
 Operator : JU/SJ
 Sample : J2173-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 02 17:14:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 4-Bromophenyl-phenylether	10.80	248	12089	4.440	nq	# 1
70) Phenanthrene	11.53	178	1067069	77.442	nq	99
71) Anthracene	11.58	178	199278	13.846	nq	98
72) Carbazole	11.74	167	768805	55.967	nq	99
74) Fluoranthene	12.73	202	111688	7.626	nq	99
76) Benzidine	12.84	184	12945	2.051	nq	# 1
77) Pyrene	12.96	202	70791	4.446	nq	98

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

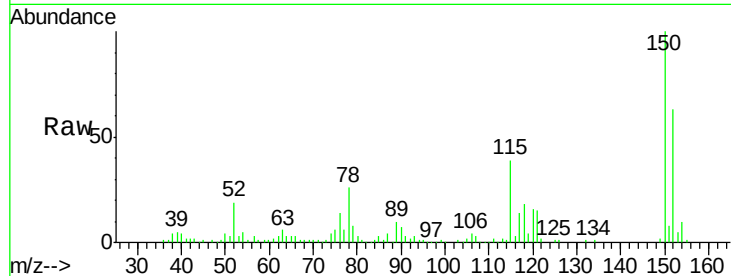


#1

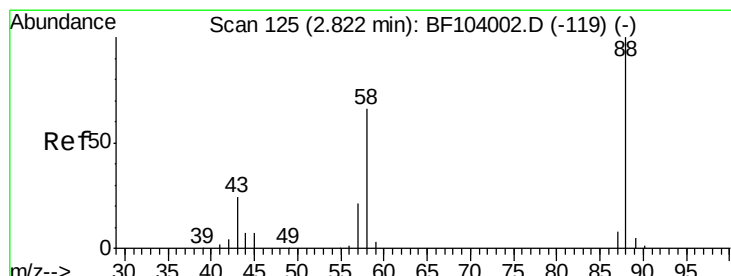
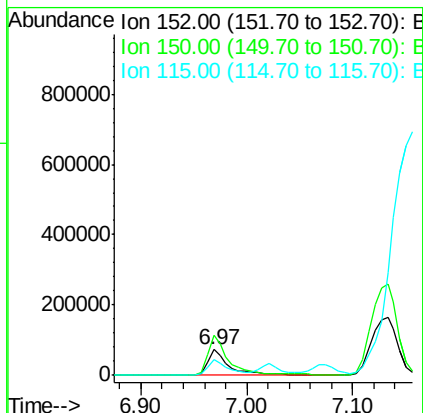
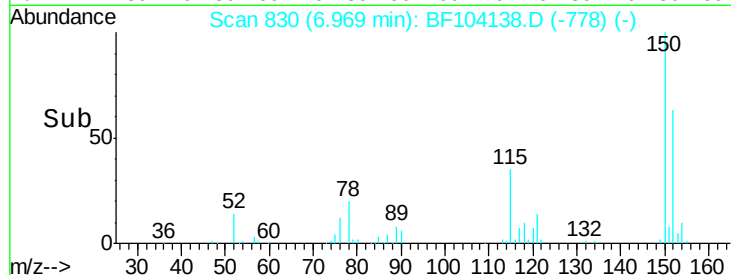
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 104262
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 61.7 50.1 75.1



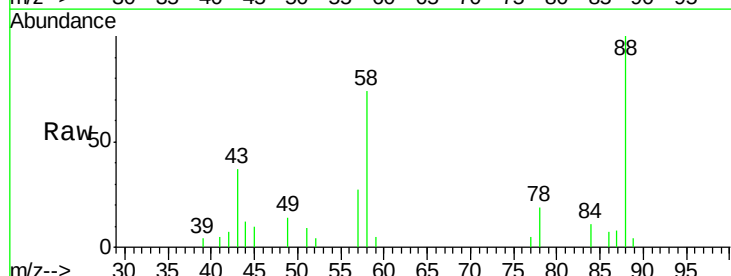
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



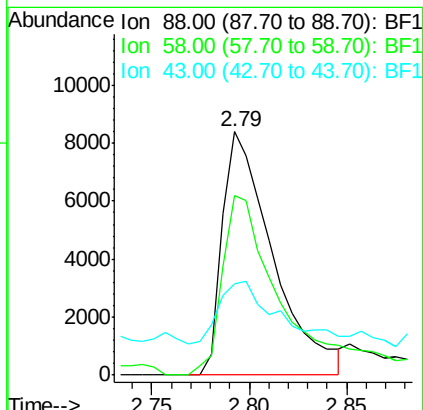
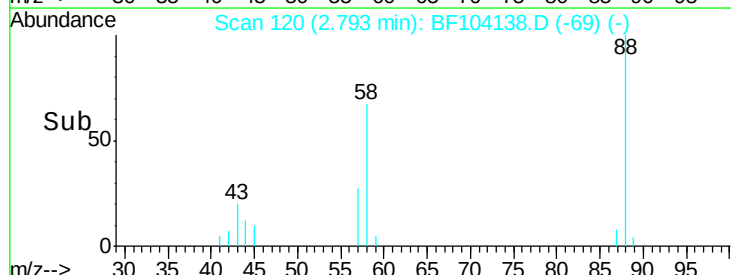
#2

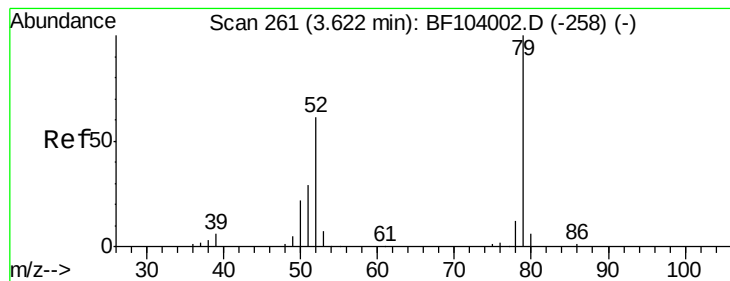
1,4-Dioxane
Concen: 5.336 ng
RT: 2.79 min Scan# 120
Delta R.T. -0.00 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion: 88 Resp: 15047
Ion Ratio Lower Upper
88 100
58 88.1 62.6 93.8
43 30.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 9.589 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.02 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

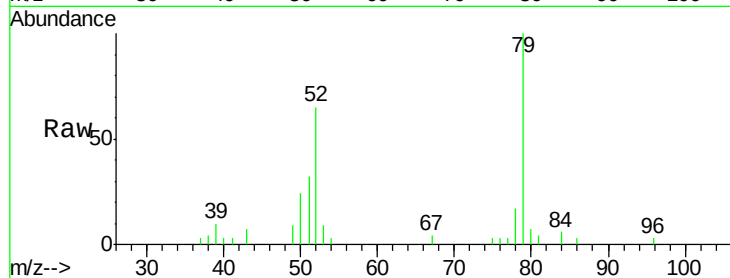
Tot Ion: 79 Resp: 68447

Ion Ratio Lower Upper

79 100

52 64.9 59.8 89.6

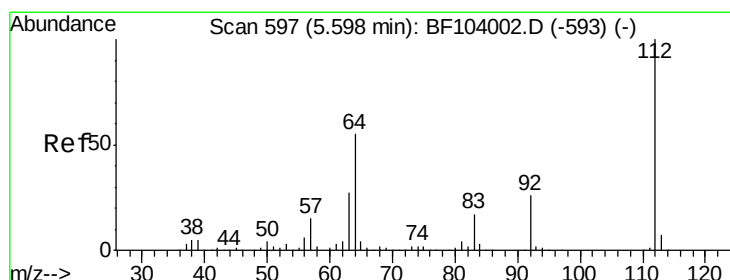
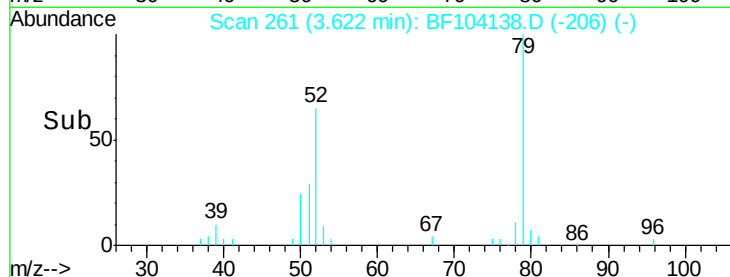
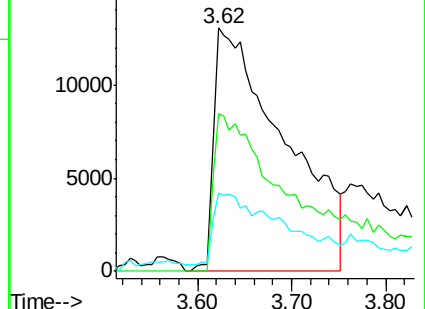
51 32.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 21.577 ng

RT: 5.62 min Scan# 601

Delta R.T. 0.04 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

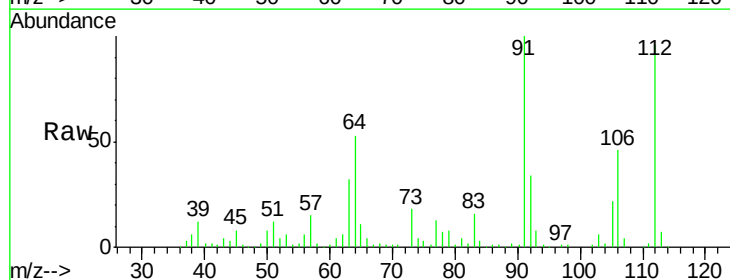
Tgt Ion: 112 Resp: 141070

Ion Ratio Lower Upper

112 100

64 55.0 47.9 71.9

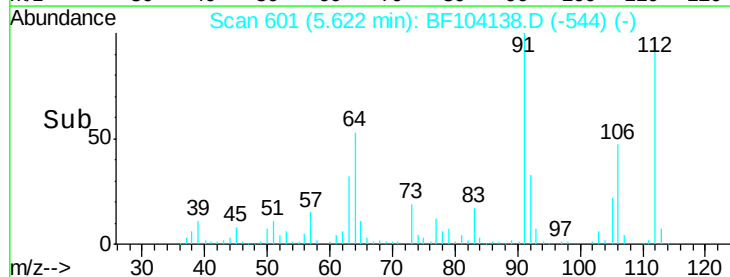
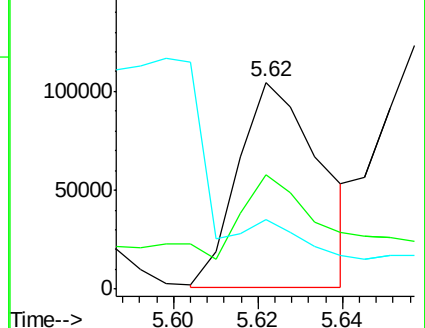
63 33.3 23.7 35.5

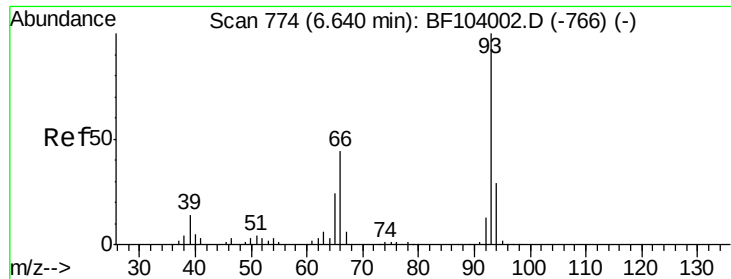


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 32.893 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.02 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

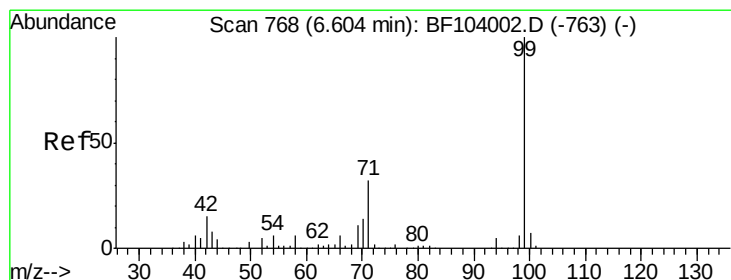
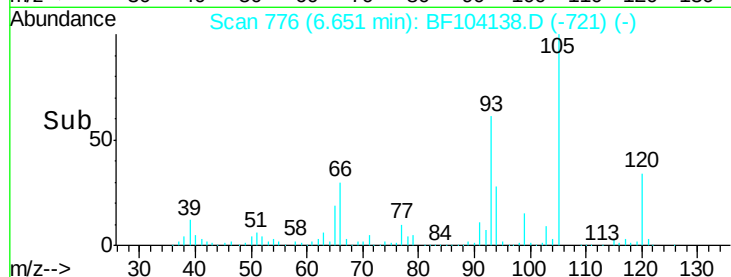
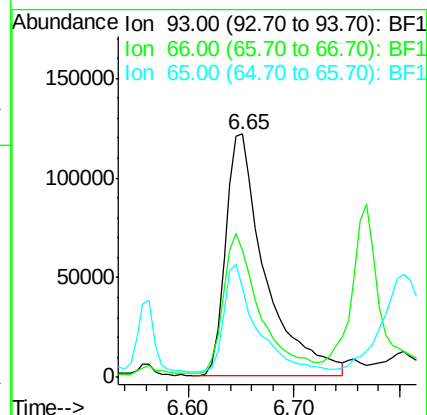
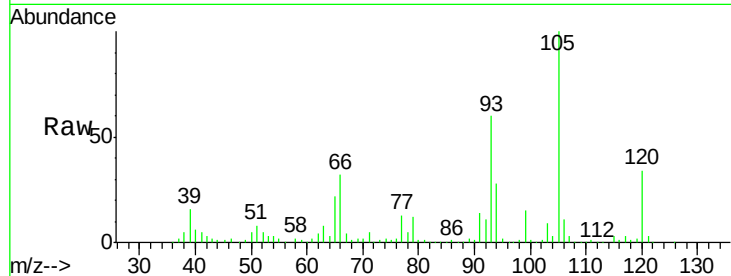
Tot Ion: 93 Resp: 316726

Ion Ratio Lower Upper

93 100

66 52.5 32.2 48.2#

65 37.0 16.4 24.6#



#7

Phenol-d6

Concen: 30.973 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.03 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

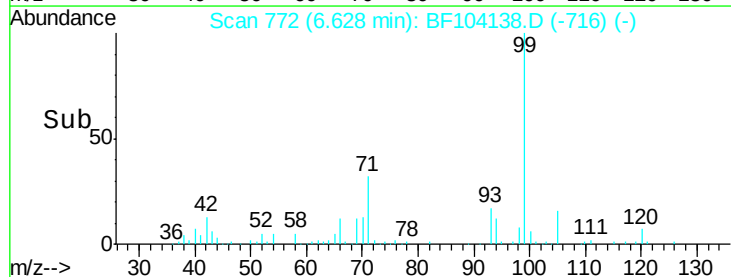
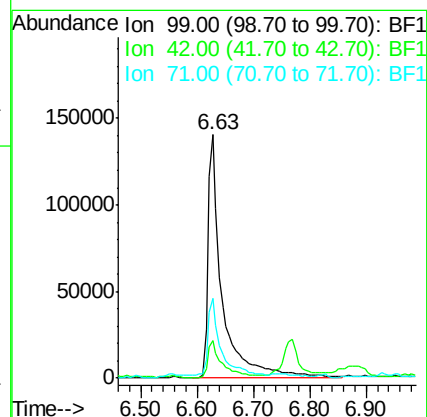
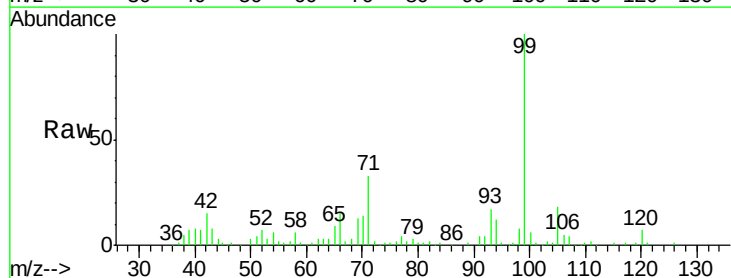
Tgt Ion: 99 Resp: 249135

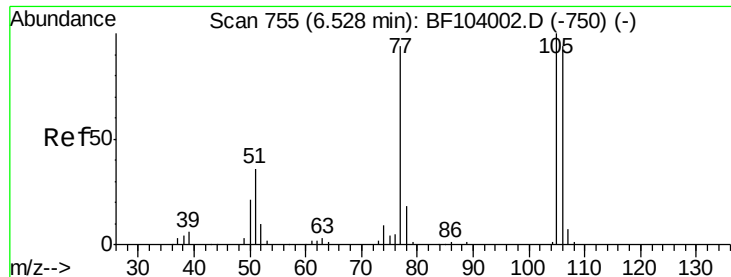
Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

71 32.9 25.4 38.0





#9

Benzaldehyde

Concen: 10.376 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampled :

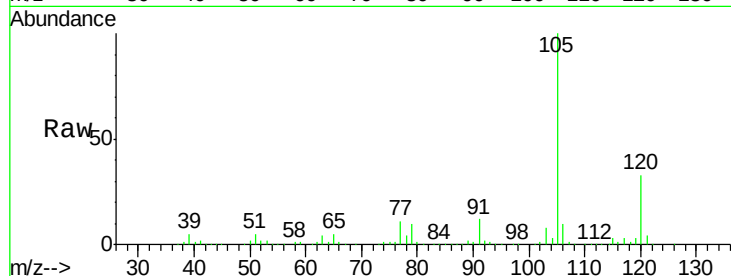
Tot Ion: 77 Resp: 55167

Ion Ratio Lower Upper

77 100

105 888.4 81.1 121.1#

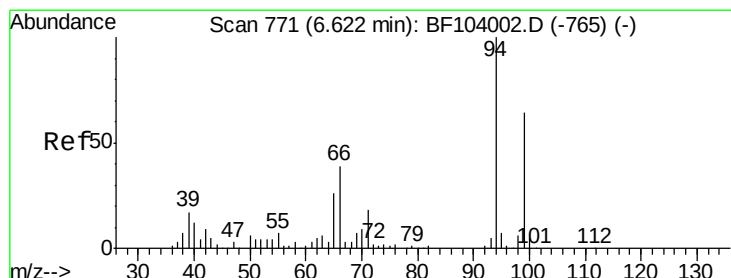
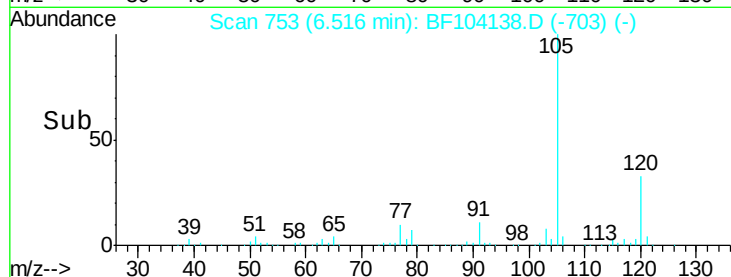
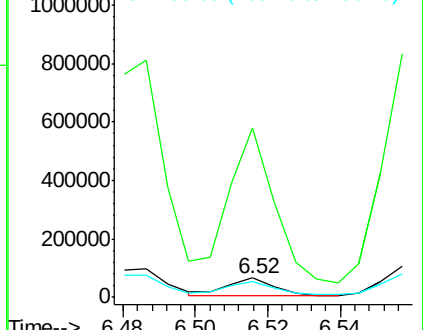
106 85.2 74.5 114.5



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



#10

Phenol

Concen: 20.391 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.03 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

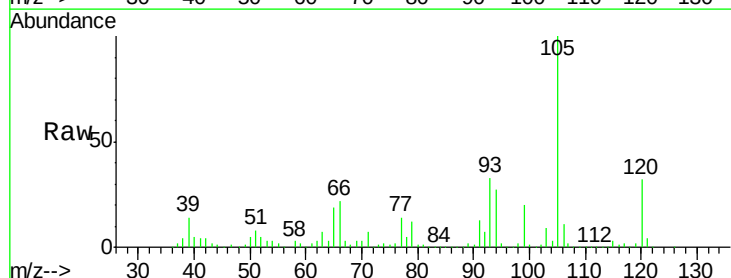
Tgt Ion: 94 Resp: 181729

Ion Ratio Lower Upper

94 100

65 69.5 7.9 47.9#

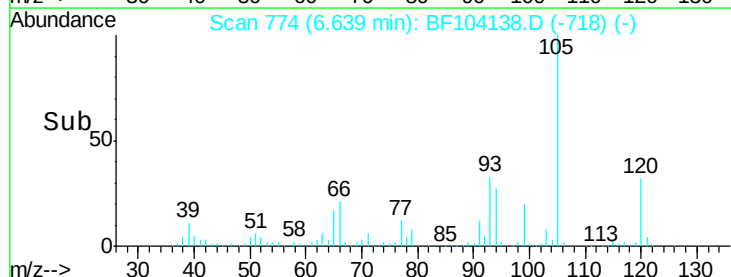
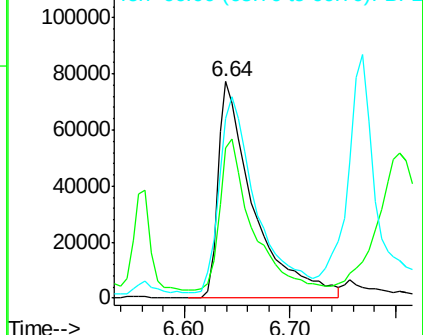
66 82.9 16.2 56.2#

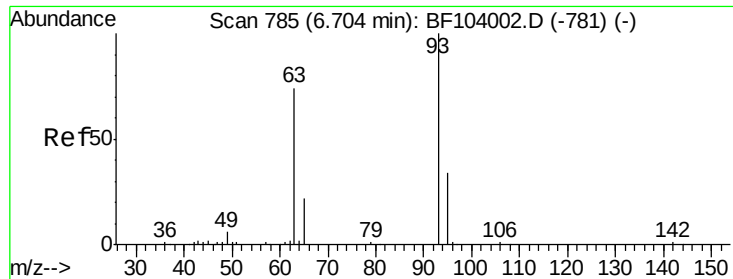


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

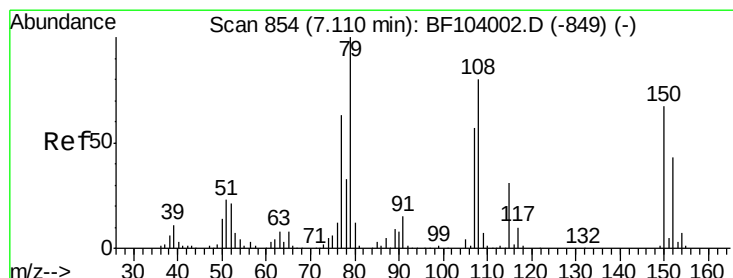
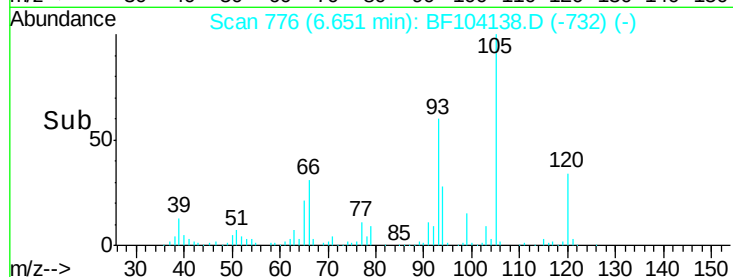
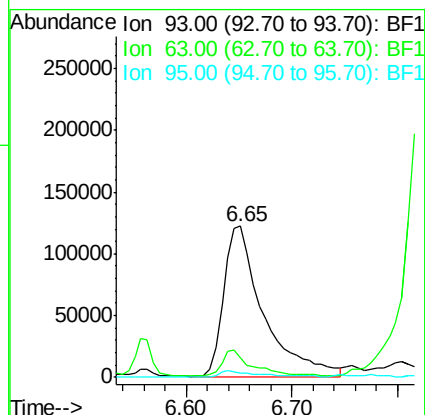
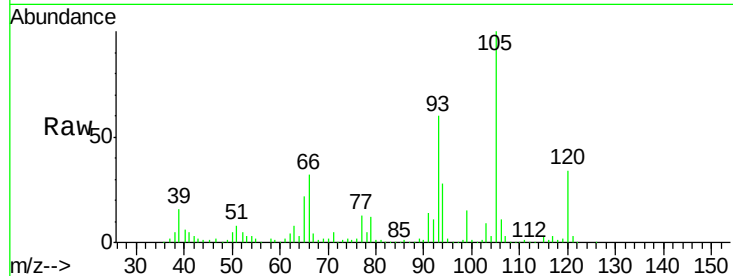




#11
bis(2-Chloroethyl)ether
Concen: 41.241 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

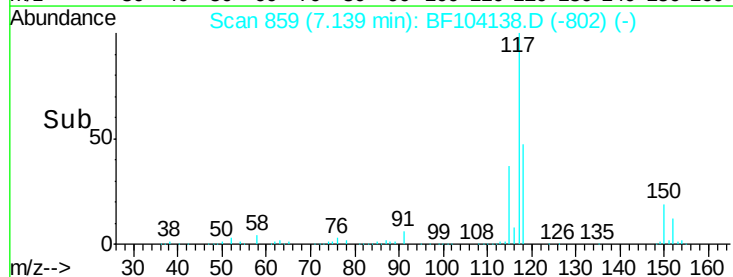
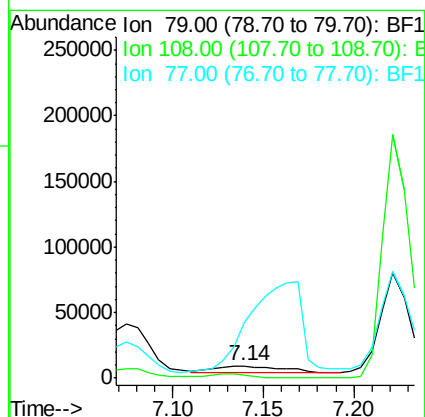
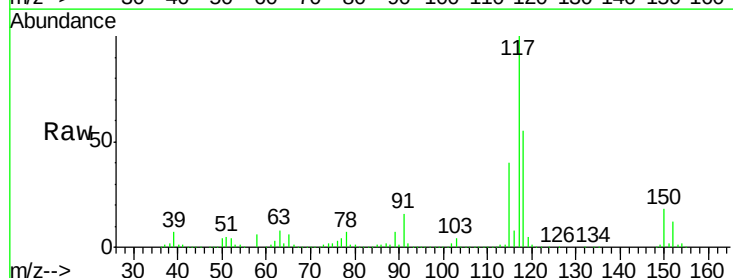
Instrument :
BNA_F
ClientSampleId :

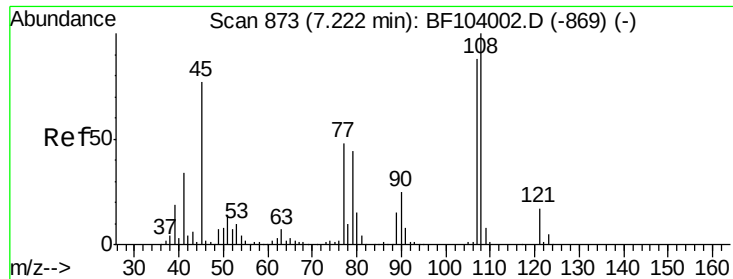
Tot Ion: 93 Resp: 316726
Ion Ratio Lower Upper
93 100
63 12.9 58.6 98.6#
95 3.0 11.8 51.8#



#15
Benzyl Alcohol
Concen: 2.420 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.04 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion: 79 Resp: 12657
Ion Ratio Lower Upper
79 100
108 19.8 65.1 97.7#
77 447.6 50.6 75.8#

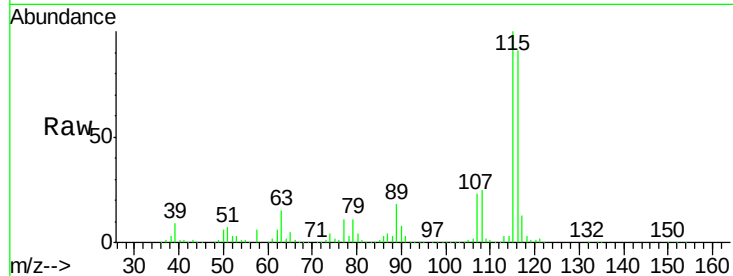




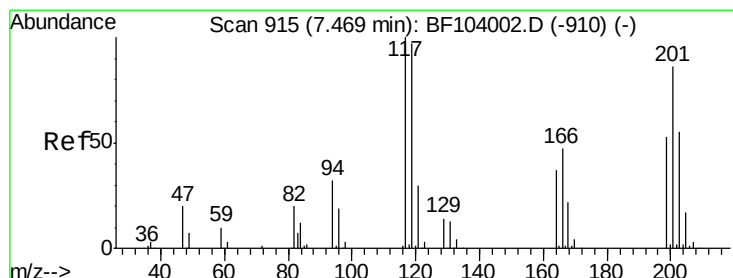
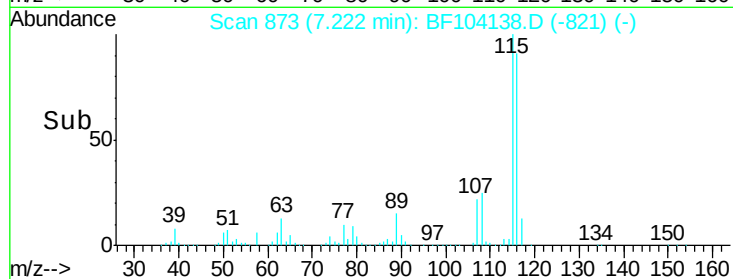
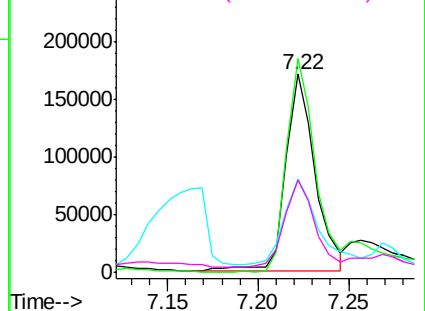
#17
2-Methylphenol
Concen: 33.305 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 194403
Ion Ratio Lower Upper
107 100
108 107.7 91.7 137.5
77 47.2 33.8 50.8
79 46.4 33.8 50.8

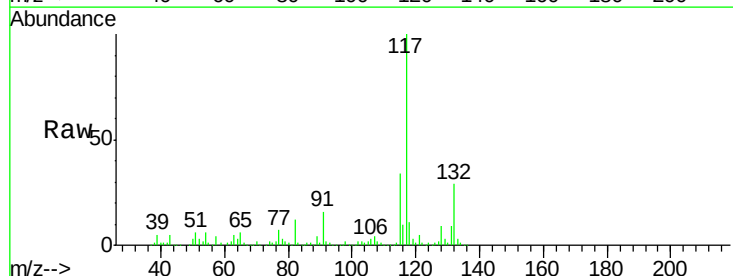


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

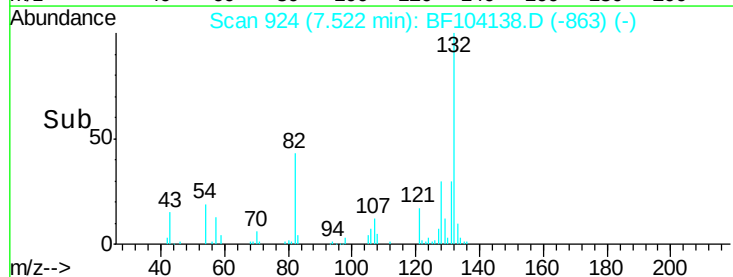
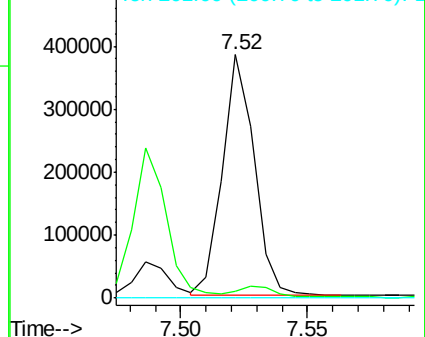


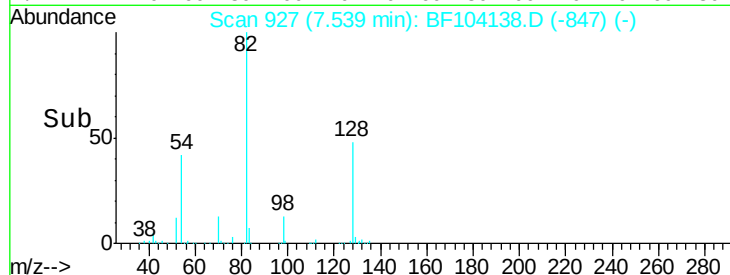
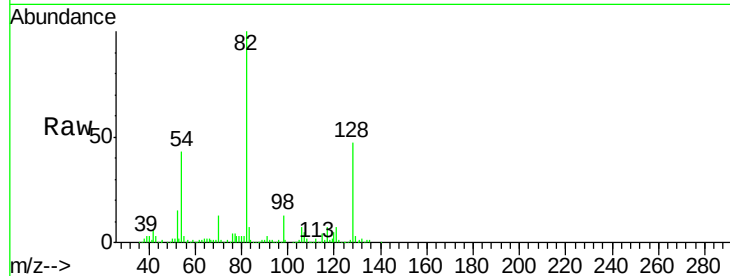
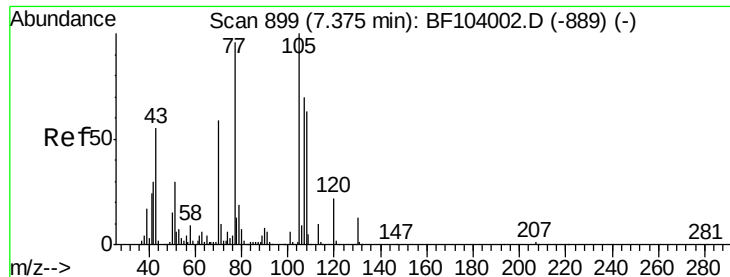
#18
Hexachloroethane
Concen: 116.113 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.06 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion:117 Resp: 335815
Ion Ratio Lower Upper
117 100
119 2.9 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

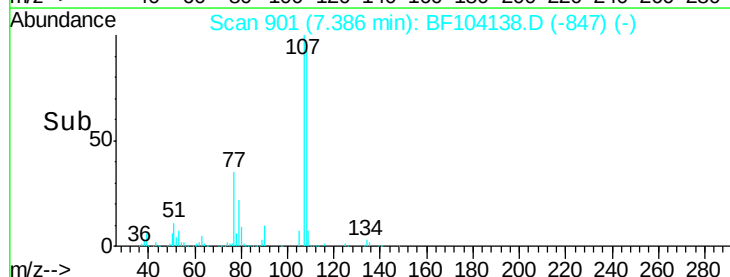
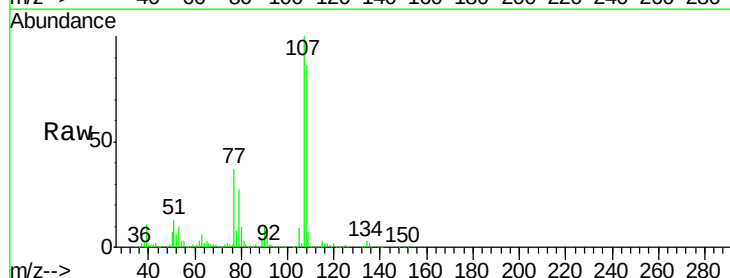
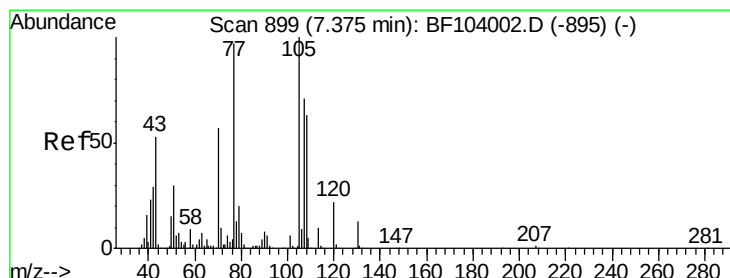
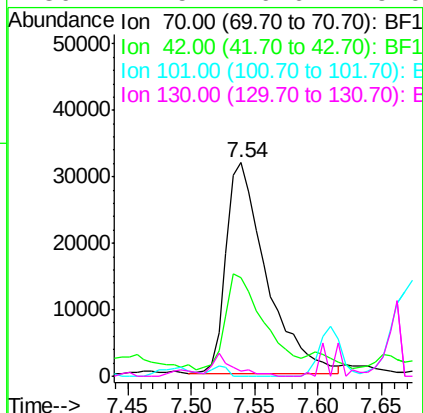




#19
n-Nitroso-di-n-propylamine
Concen: 14.589 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.17 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

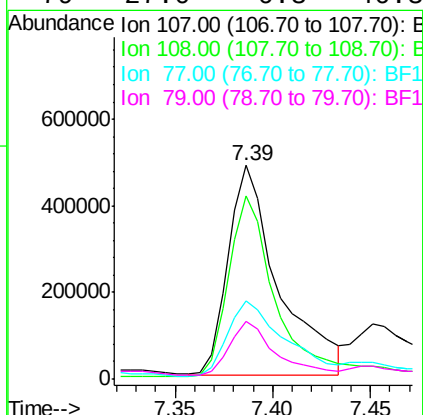
Instrument :
BNA_F
ClientSampled :

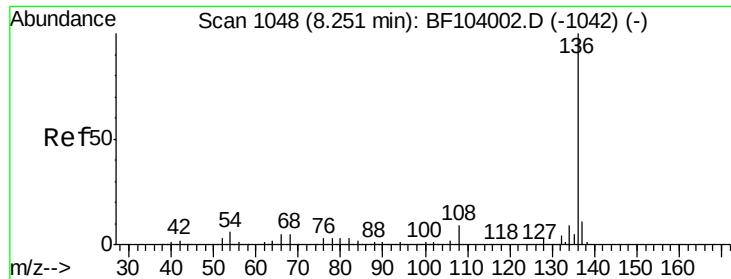
Tot Ion	70	Resp	69640
Ion Ratio	Lower	Upper	
70	100		
42	46.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#20
3+4-Methylphenols
Concen: 116.384 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.02 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion	107	Resp	866997
Ion Ratio	Lower	Upper	
107	100		
108	85.5	68.2	108.2
77	36.8	26.7	66.7
79	27.0	6.3	46.3

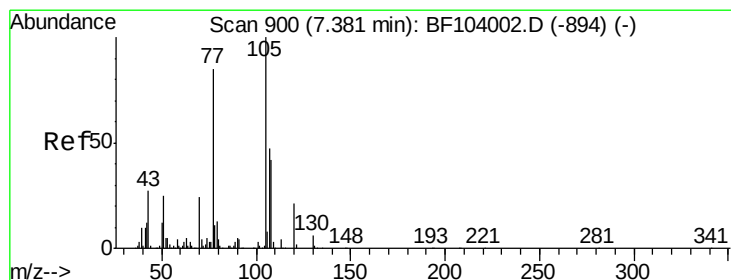
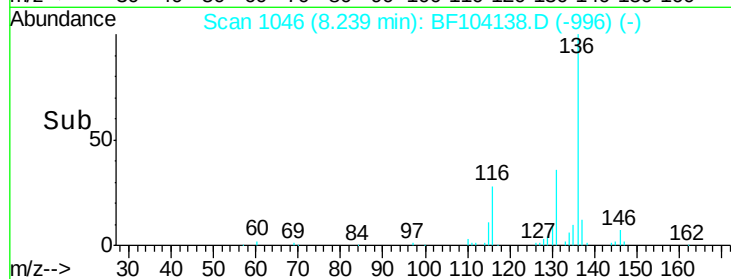
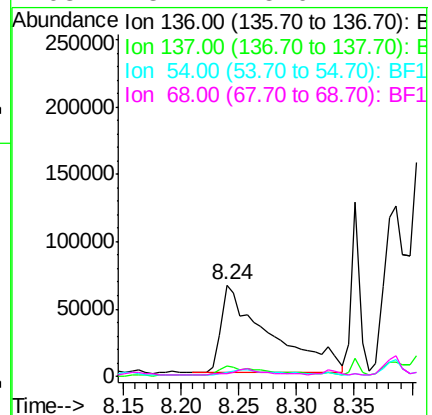
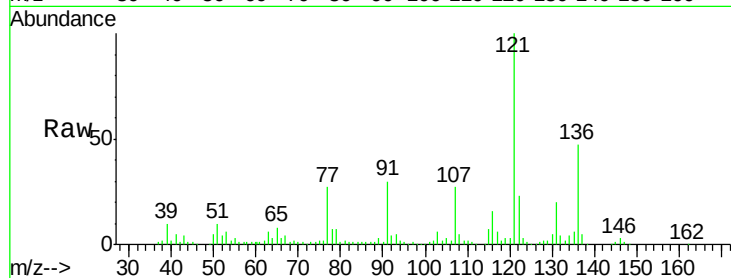




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

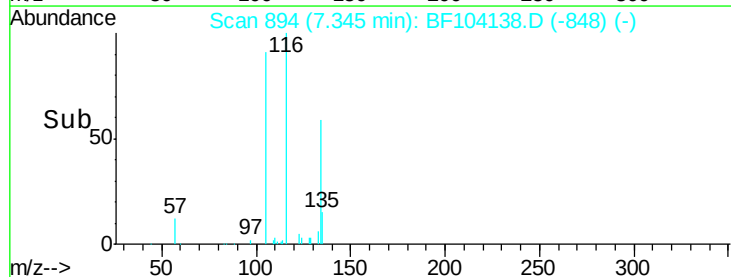
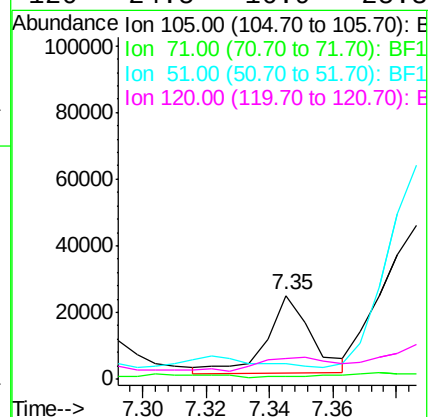
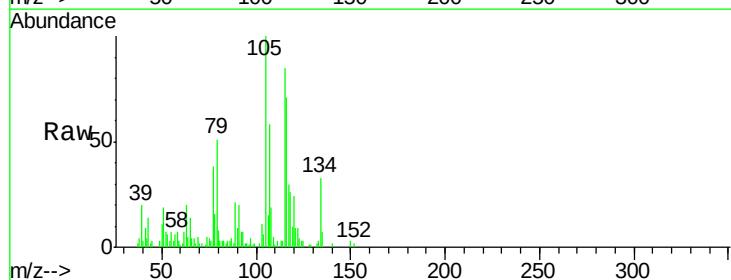
Instrument :
BNA_F
ClientSampled :

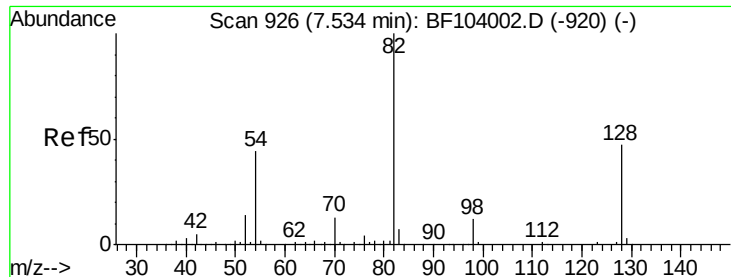
Tot Ion:	136	Resp:	185298
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	3.7	6.6	9.8#
68	3.1	5.0	7.4#



#22
Acetophenone
Concen: 5.096 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion:	105	Resp:	22848
Ion	Ratio	Lower	Upper
105	100		
71	2.4	4.4	6.6#
51	18.9	22.3	33.5#
120	24.5	16.9	25.3

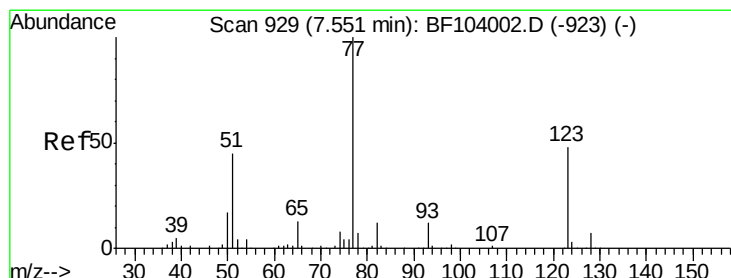
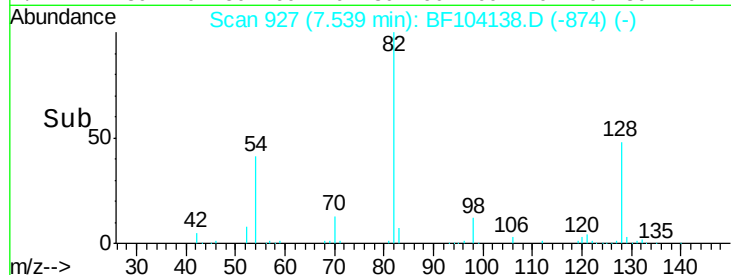
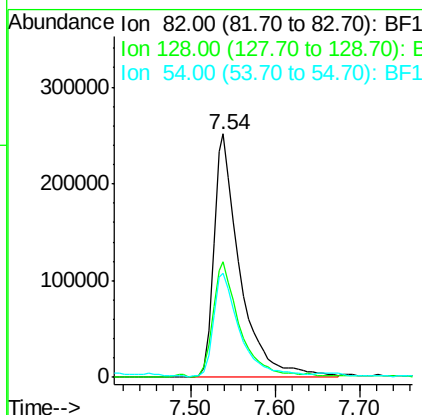
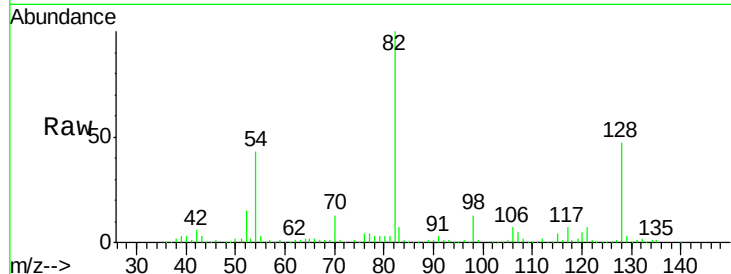




#23
 Nitrobenzene-d5
 Concen: 178.472 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

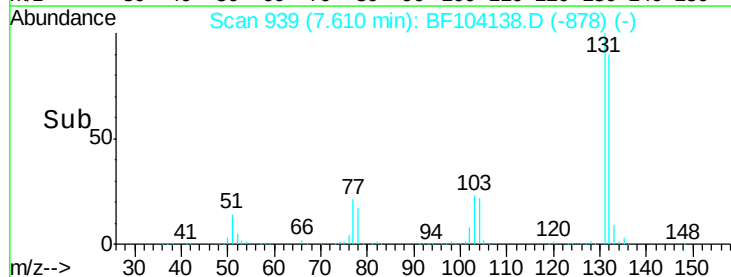
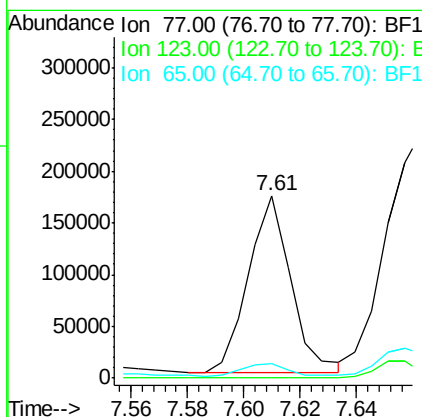
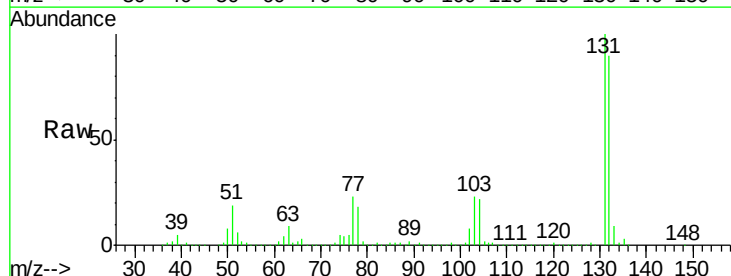
Instrument :
 BNA_F
 ClientSampleId :

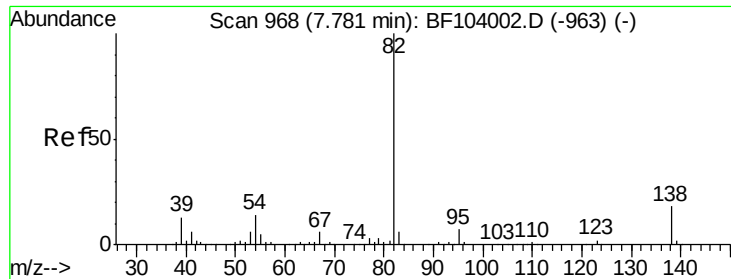
Tot Ion: 82 Resp: 540762
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.1 54.1
 54 42.8 41.4 62.2



#24
 Nitrobenzene
 Concen: 56.098 ng
 RT: 7.61 min Scan# 939
 Delta R.T. 0.06 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

Tgt Ion: 77 Resp: 178840
 Ion Ratio Lower Upper
 77 100
 123 0.4 37.9 56.9#
 65 7.9 11.0 16.4#





#25

Isophorone

Concen: 96.947 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.24 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

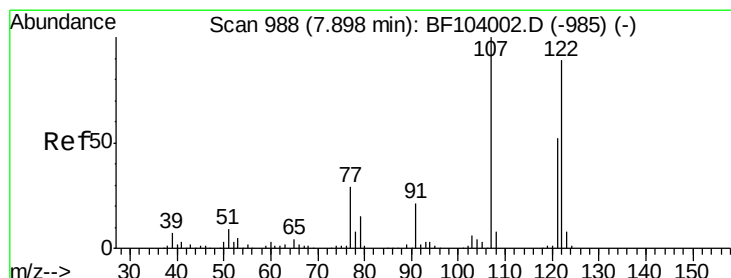
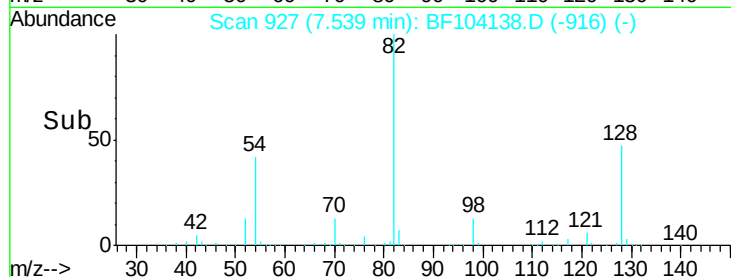
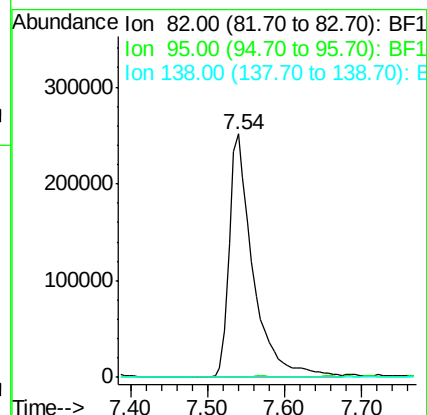
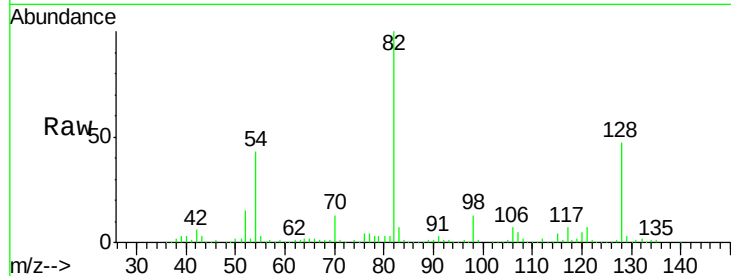
Tot Ion: 82 Resp: 541345

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

138 0.0 14.9 22.3#



#27

2,4-Dimethylphenol

Concen: 671.521 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.06 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

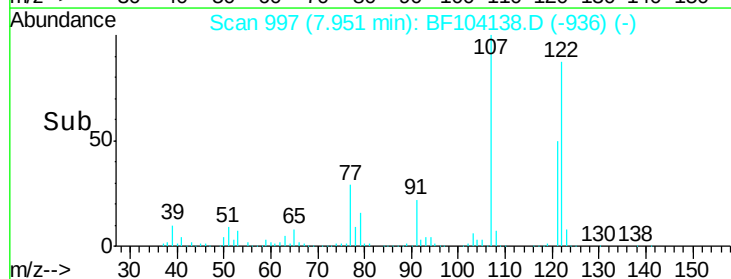
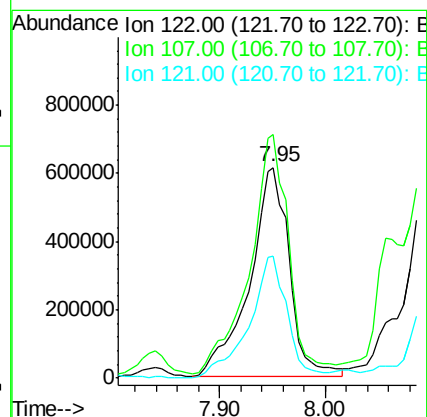
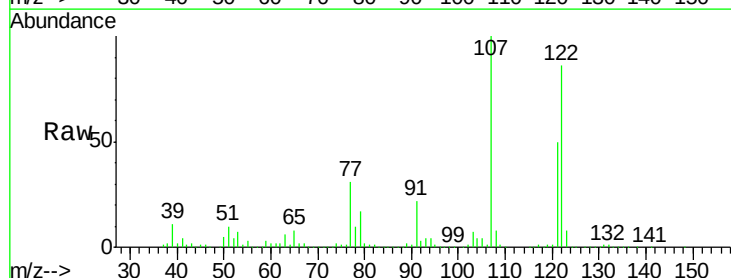
Tgt Ion:122 Resp: 1611645

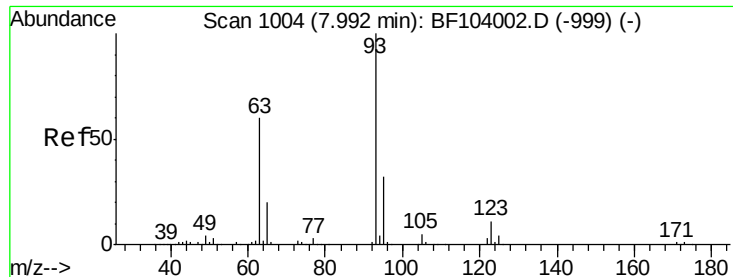
Ion Ratio Lower Upper

122 100

107 115.8 91.2 136.8

121 58.1 47.2 70.8

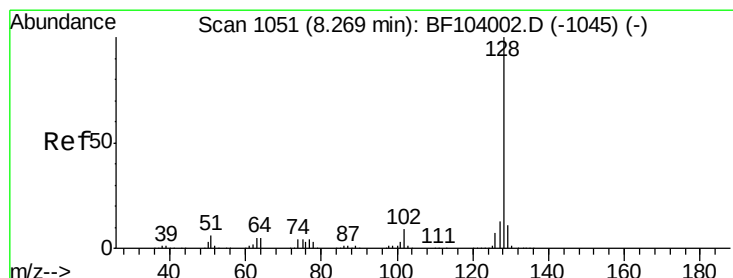
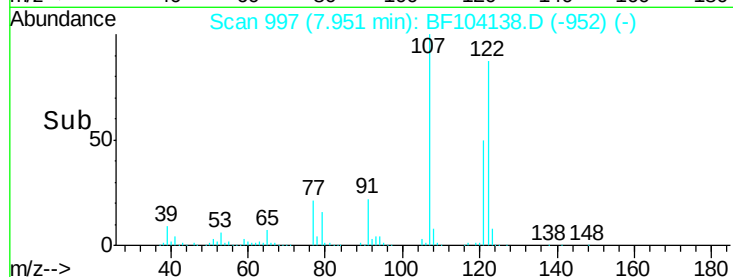
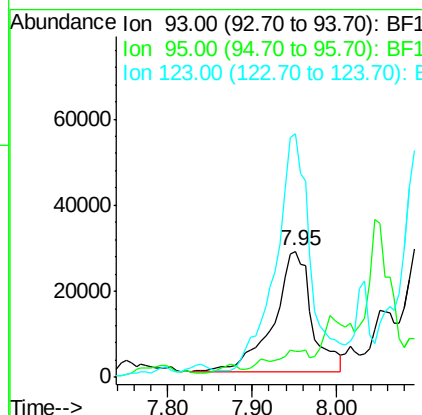
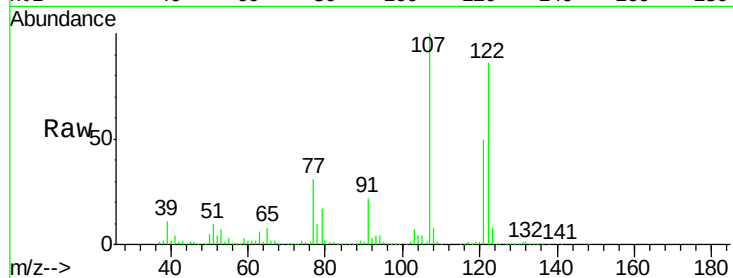




#28
bis(2-Chloroethoxy)methane
Concen: 24.783 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

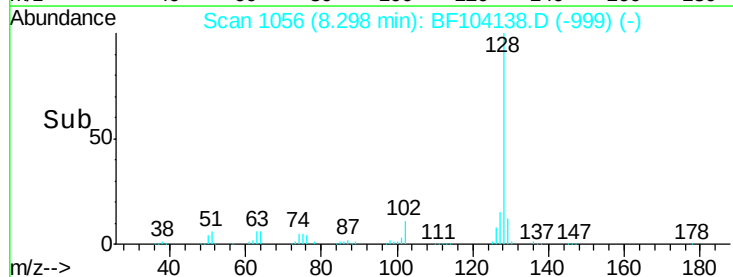
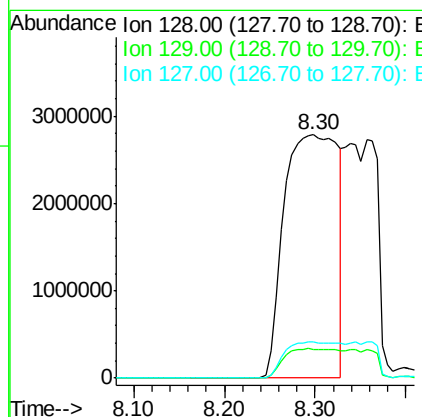
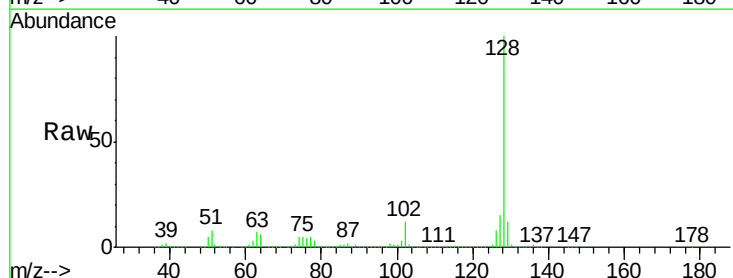
Instrument :
BNA_F
ClientSampleId :

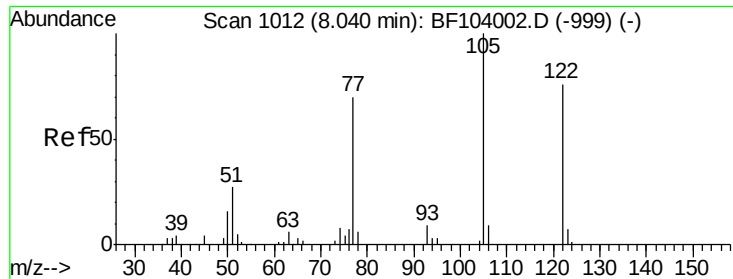
Tot Ion: 93 Resp: 86732
Ion Ratio Lower Upper
93 100
95 20.3 26.3 39.5#
123 193.5 9.8 14.6#



#31
Naphthalene
Concen: 1259.854 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.04 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion: 128 Resp: 11404761
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.7 10.9 16.3

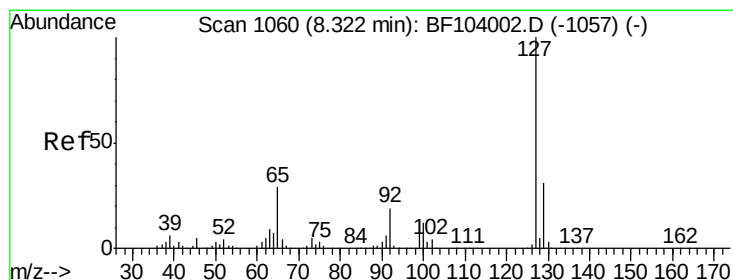
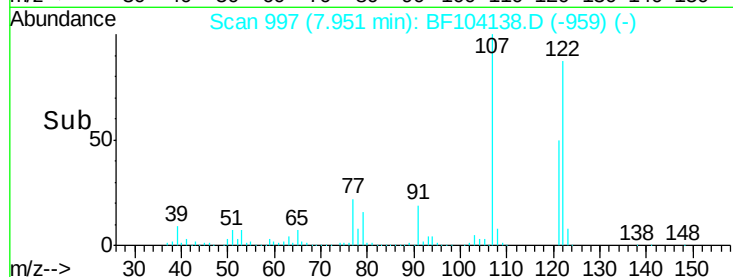
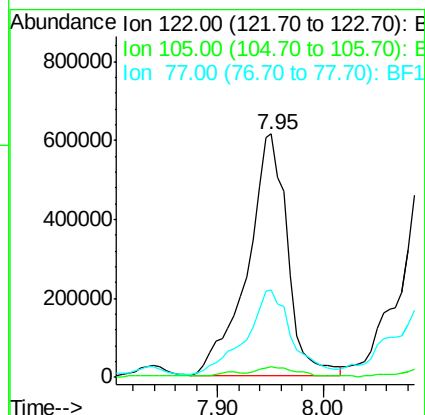
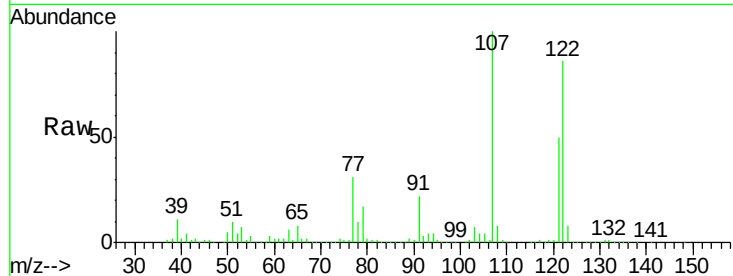




#32
Benzoic acid
Concen: 920.397 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.08 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

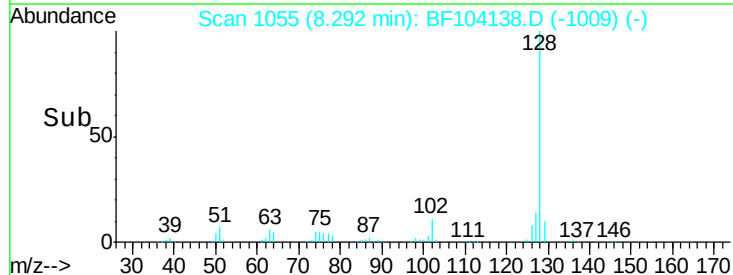
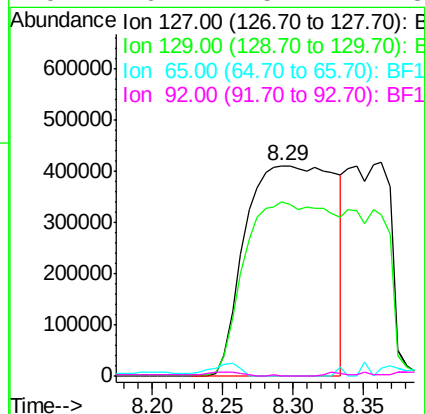
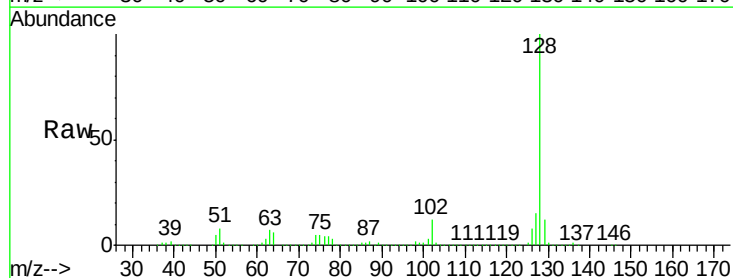
Instrument :
BNA_F
ClientSampleId :

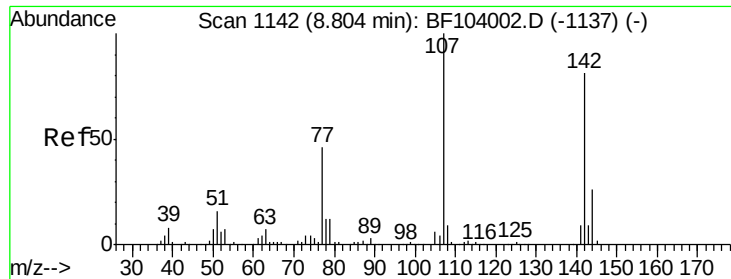
Tot Ion:122 Resp: 1618205
Ion Ratio Lower Upper
122 100
105 4.3 101.1 141.1#
77 36.0 70.7 110.7#



#33
4-Chloroaniline
Concen: 473.027 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.03 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion:127 Resp: 1805269
Ion Ratio Lower Upper
127 100
129 82.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.2 15.2 22.8#

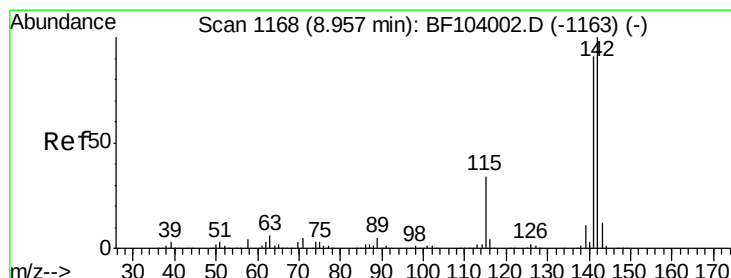
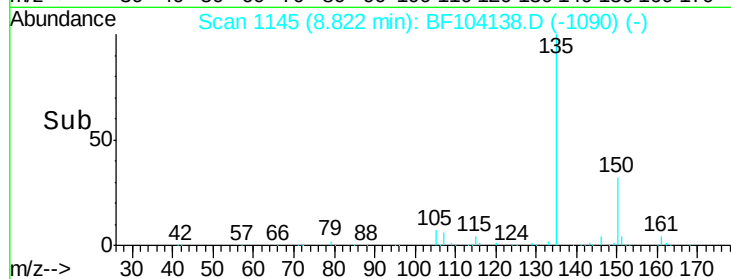
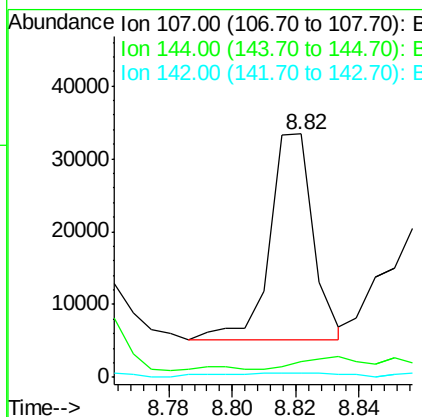
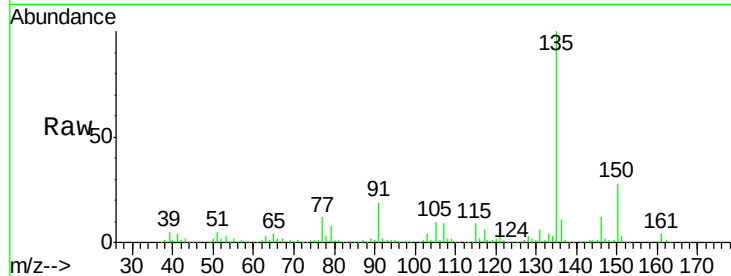




#36
 4-Chloro-3-methylphenol
 Concen: 10.229 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.02 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

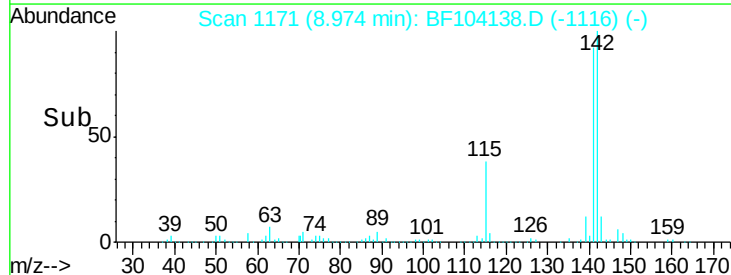
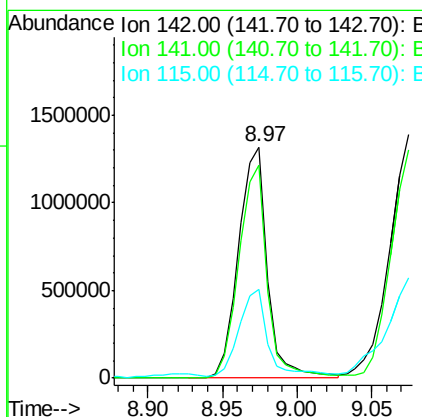
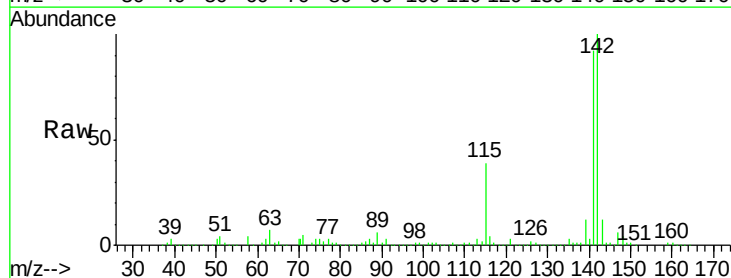
Instrument :
 BNA_F
 ClientSampleId :

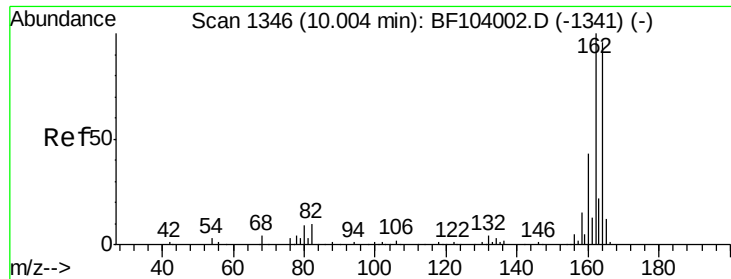
Tot Ion:107 Resp: 27123
 Ion Ratio Lower Upper
 107 100
 144 6.2 20.5 30.7#
 142 1.7 62.0 93.0#



#37
 2-Methylnaphthalene
 Concen: 298.462 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.02 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

Tgt Ion:142 Resp: 1779696
 Ion Ratio Lower Upper
 142 100
 141 92.0 70.8 106.2
 115 38.6 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

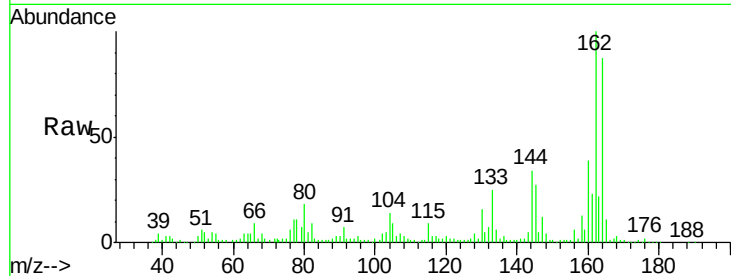
Tot Ion:164 Resp: 187102

Ion Ratio Lower Upper

164 100

162 115.0 86.1 129.1

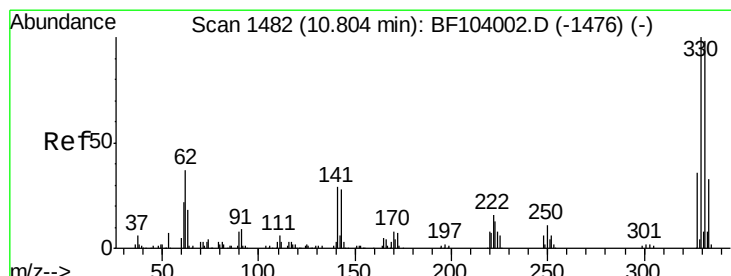
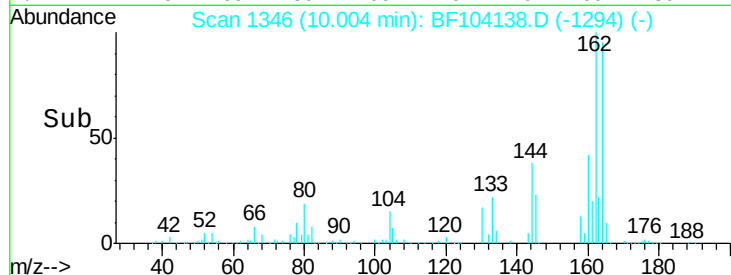
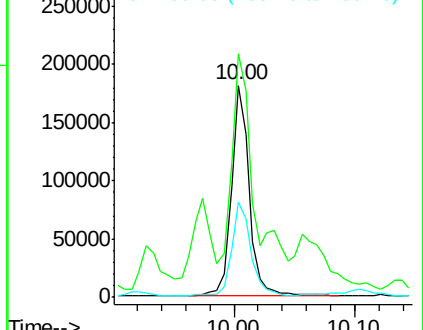
160 45.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 95.741 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

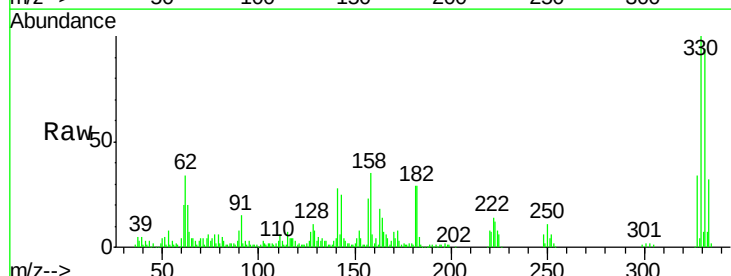
Tgt Ion:330 Resp: 199465

Ion Ratio Lower Upper

330 100

332 93.5 77.0 115.6

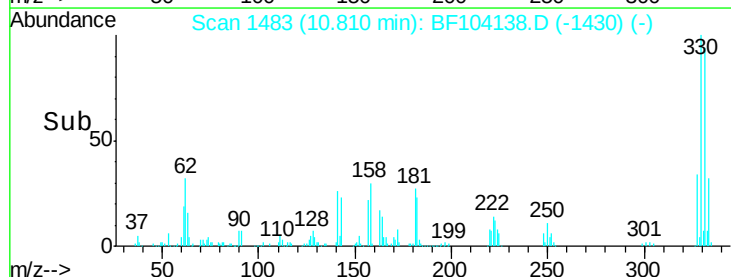
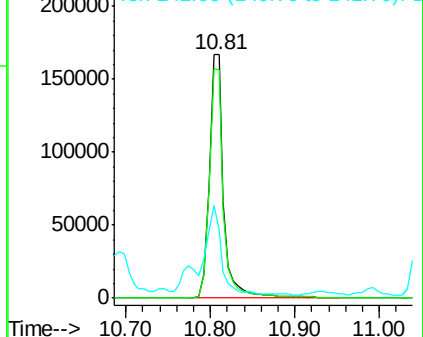
141 38.1 29.9 44.9

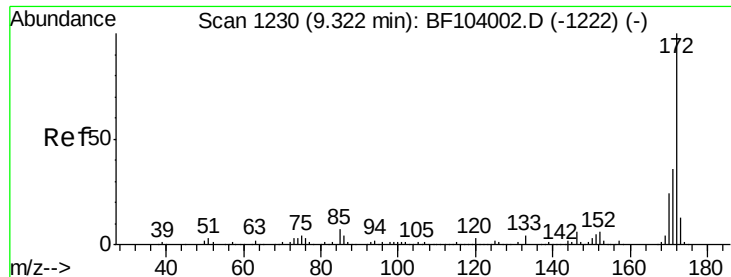


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

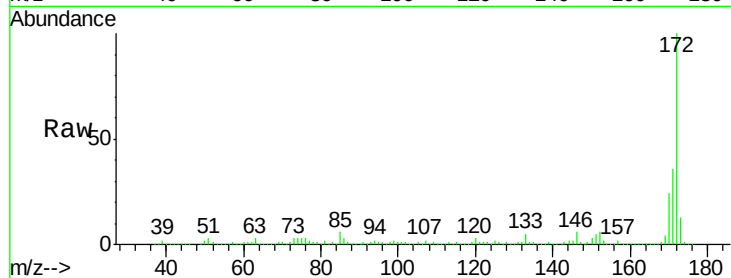




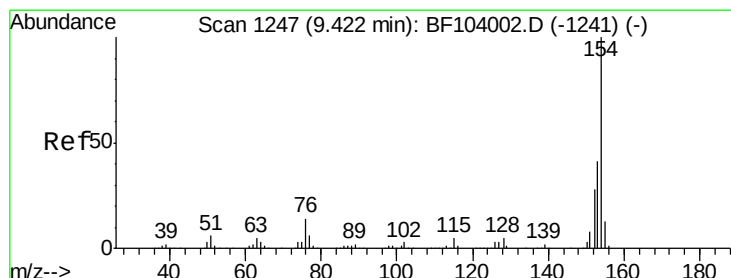
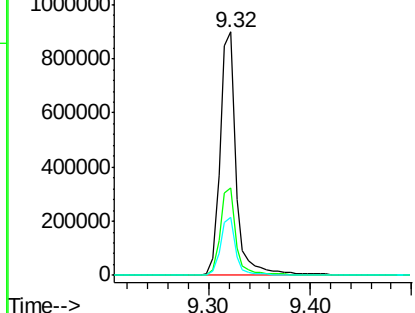
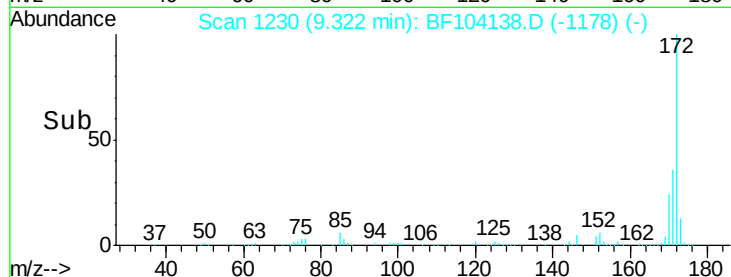
#44
2-Fluorobiphenyl
Concen: 83.168 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

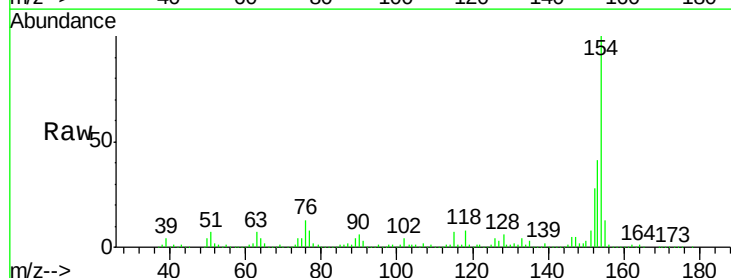


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

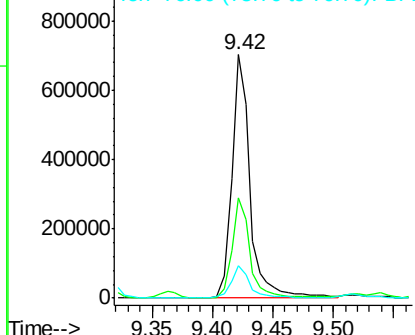
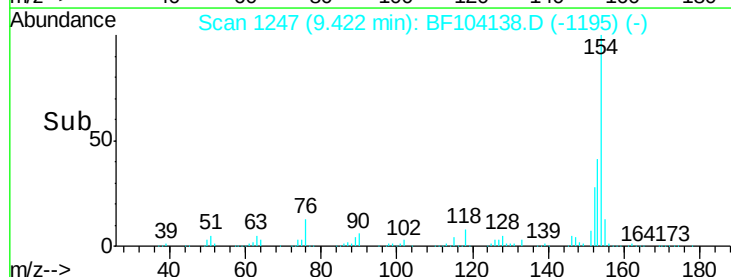


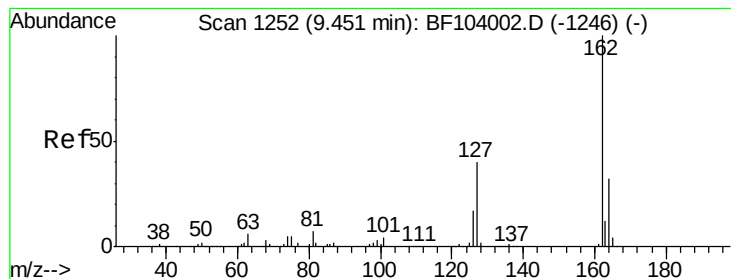
#45
1,1'-Biphenyl
Concen: 45.649 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	13.4	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

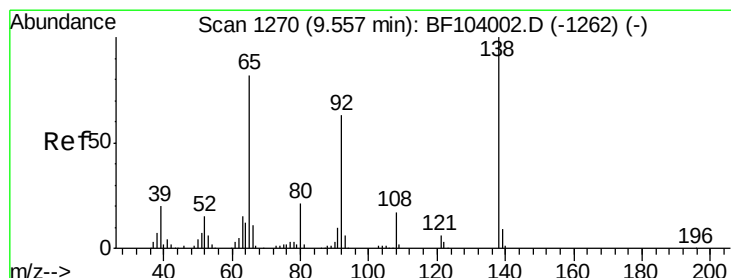
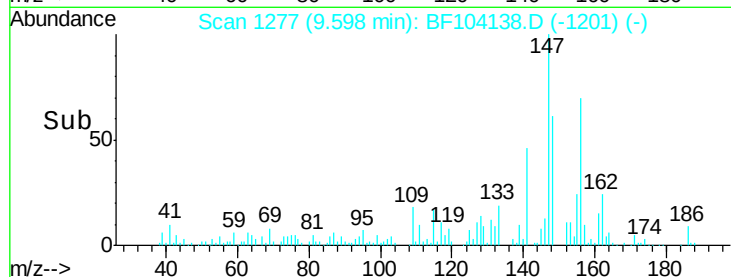
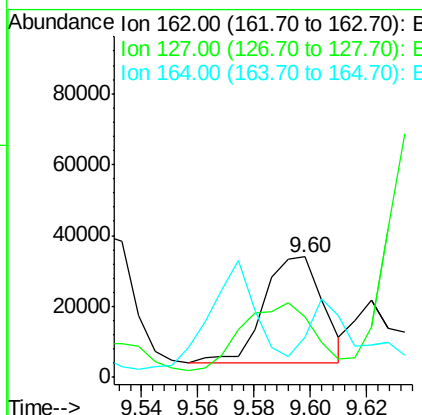
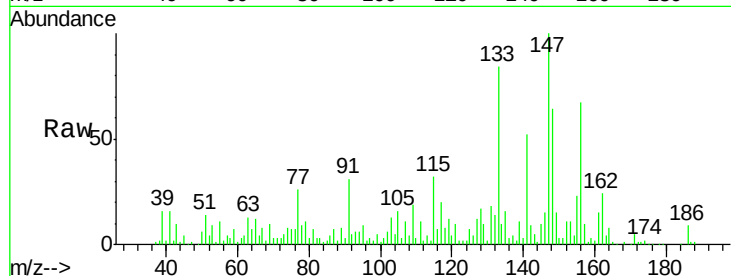




#46
 2-Chloronaphthalene
 Concen: 3.379 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. 0.15 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

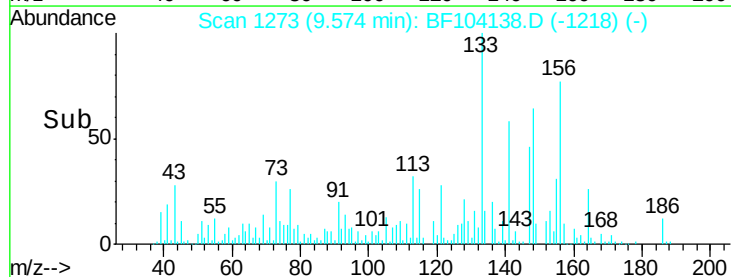
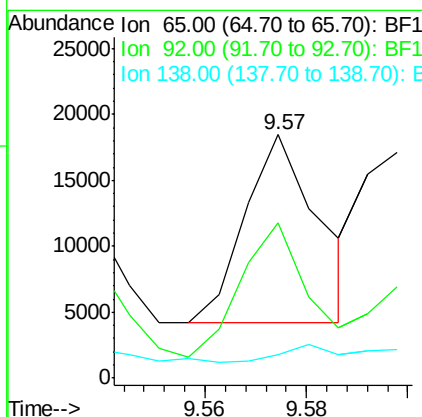
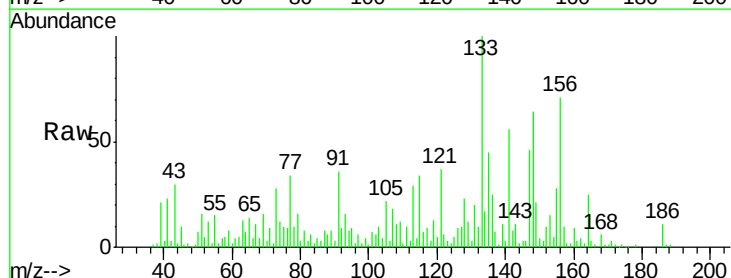
Instrument :
 BNA_F
 ClientSampled :

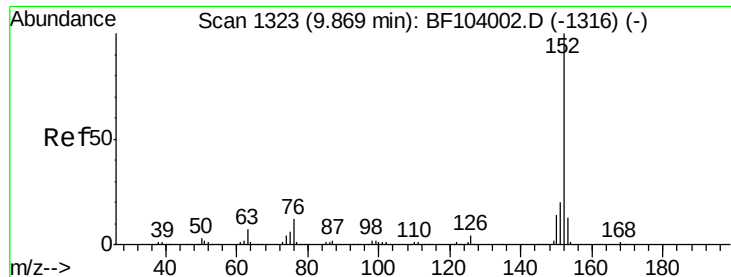
Tot Ion: 162 Resp: 42798
 Ion Ratio Lower Upper
 162 100
 127 50.8 33.9 50.9
 164 33.1 26.5 39.7



#47
 2-Nitroaniline
 Concen: 3.986 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. 0.02 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

Tgt Ion: 65 Resp: 14397
 Ion Ratio Lower Upper
 65 100
 92 63.9 55.8 83.6
 138 9.8 91.2 136.8#





#48

Acenaphthylene

Concen: 7.978 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

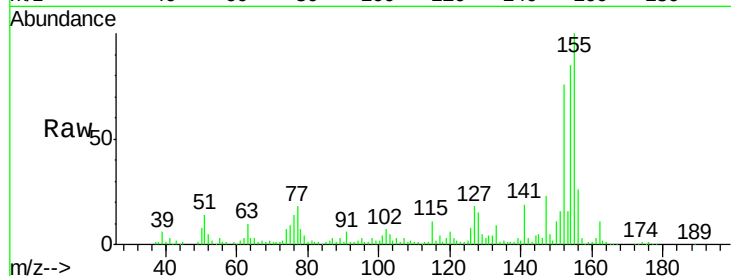
Tot Ion:152 Resp: 153097

Ion Ratio Lower Upper

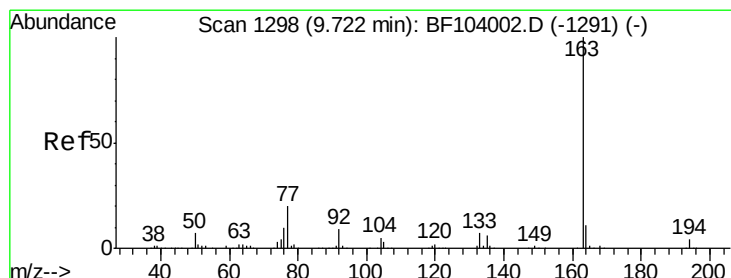
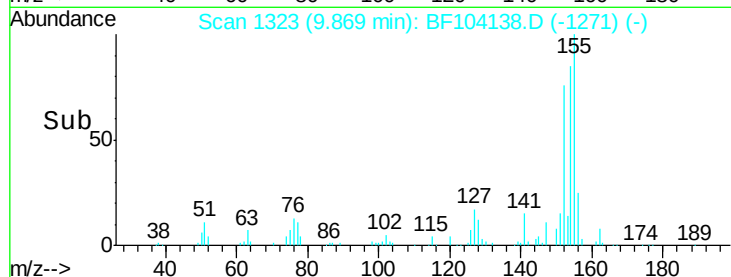
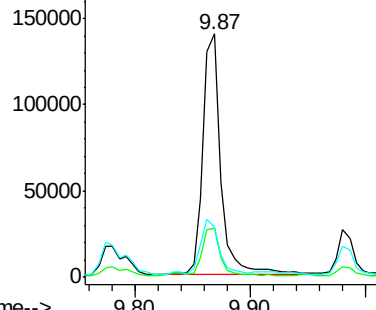
152 100

151 20.4 16.3 24.5

153 20.9 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: 5.759 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

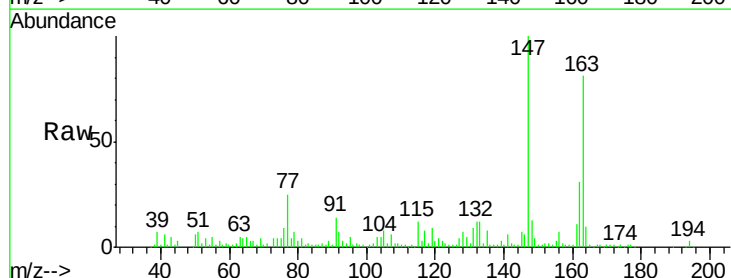
Tgt Ion:163 Resp: 85079

Ion Ratio Lower Upper

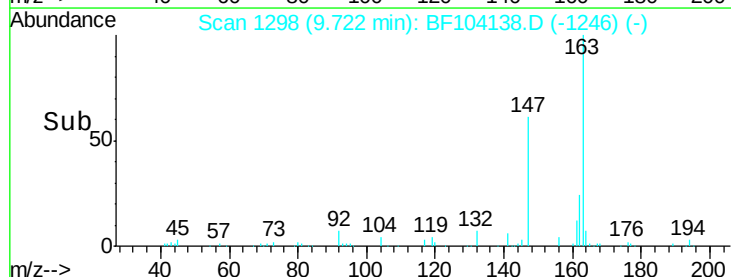
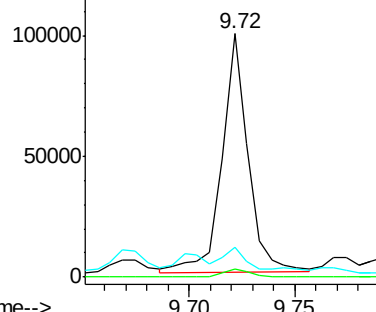
163 100

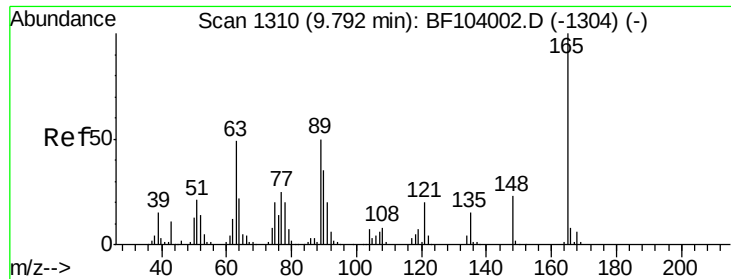
194 3.3 2.7 4.1

164 12.1 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

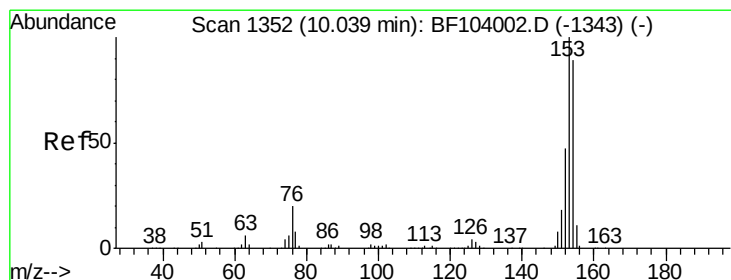
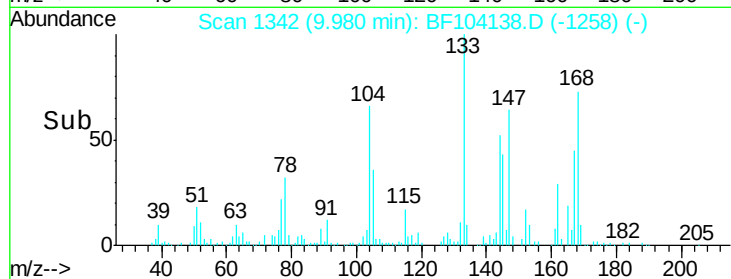
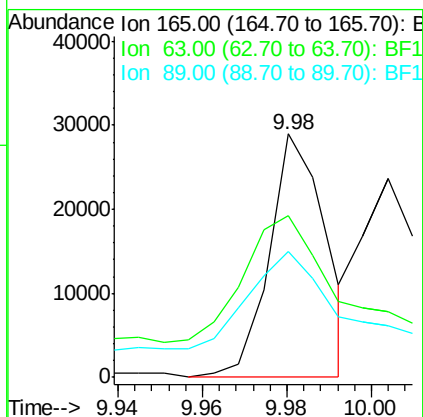
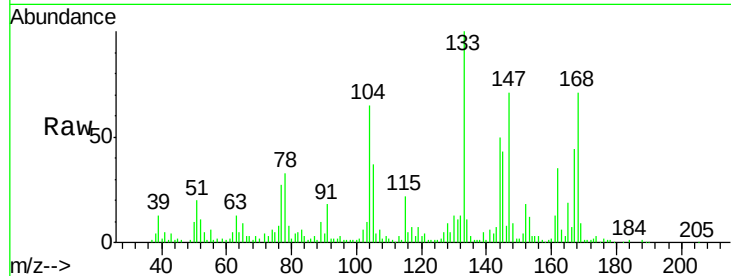




#50
 2,6-Dinitrotoluene
 Concen: 8.459 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.19 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

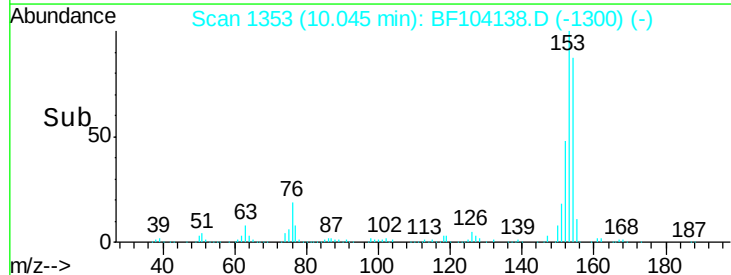
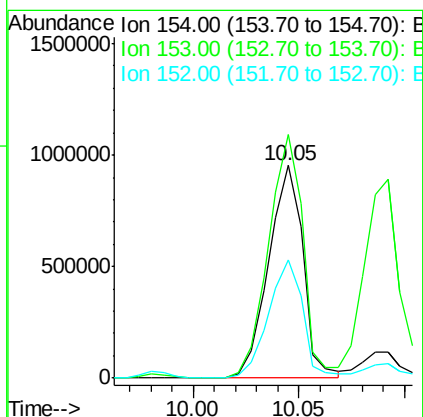
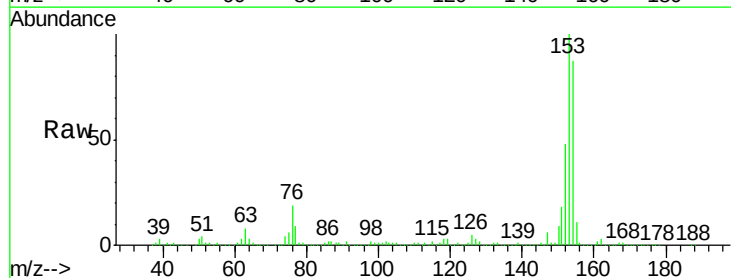
Instrument :
 BNA_F
 ClientSampled :

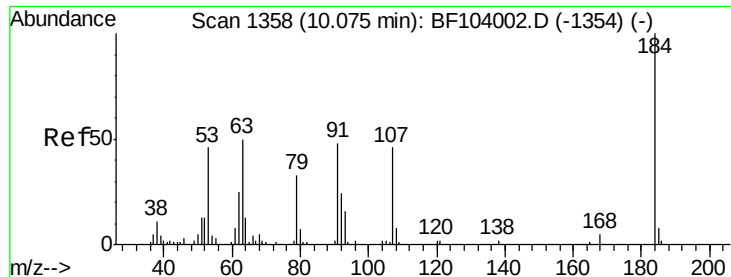
Tot Ion:165 Resp: 26885
 Ion Ratio Lower Upper
 165 100
 63 66.5 44.7 67.1
 89 51.5 44.0 66.0



#51
 Acenaphthene
 Concen: 97.021 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BF104138.D
 Acq: 2 Apr 2018 16:34

Tgt Ion:154 Resp: 1077066
 Ion Ratio Lower Upper
 154 100
 153 114.6 91.2 136.8
 152 55.5 43.8 65.8

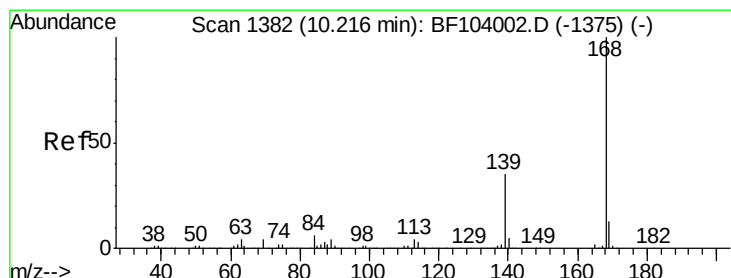
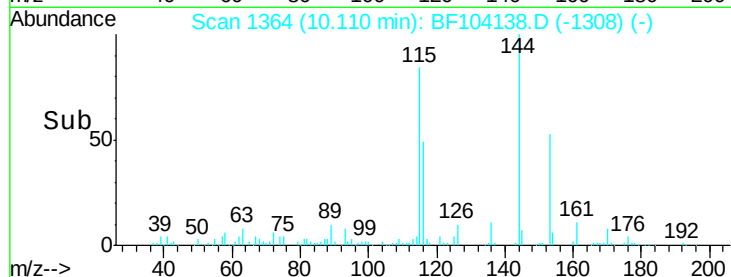
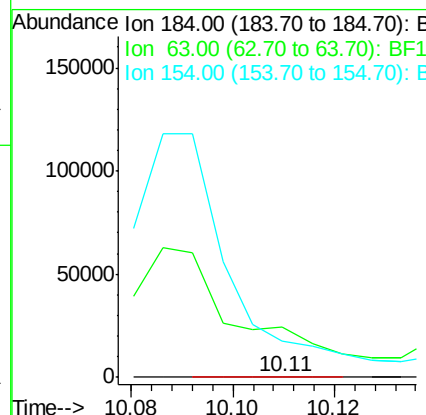
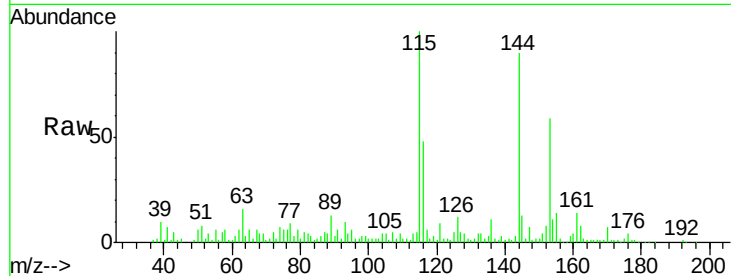




#53
2,4-Dinitrophenol
Concen: 5.755 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.03 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

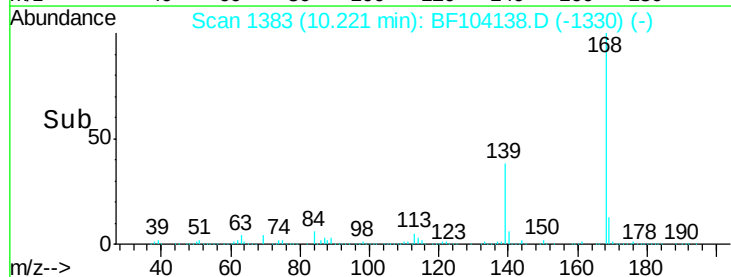
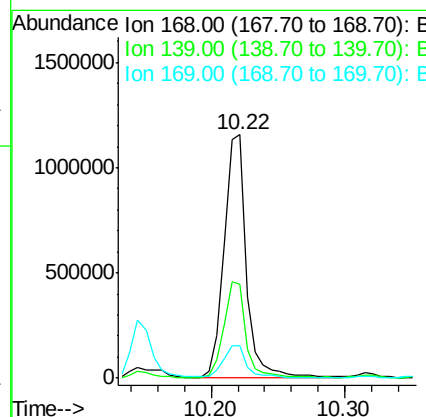
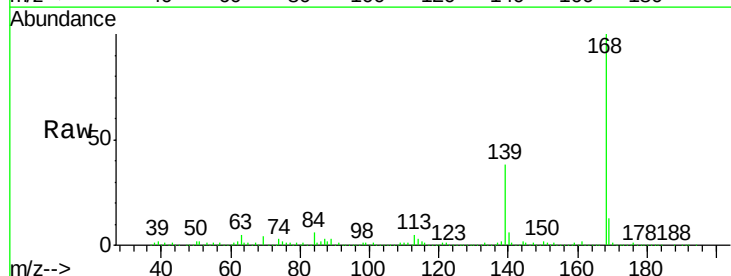
Instrument :
BNA_F
ClientSampleId :

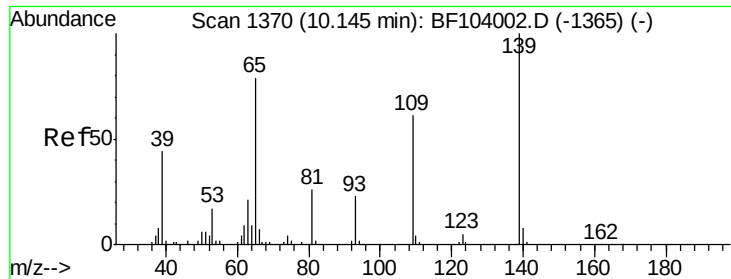
Tot Ion:184 Resp: 272
Ion Ratio Lower Upper
184 100
63 6283.4 54.2 81.2#
154 4439.9 184.0 276.0#



#54
Dibenzofuran
Concen: 84.284 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion:168 Resp: 1366353
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.3 10.9 16.3

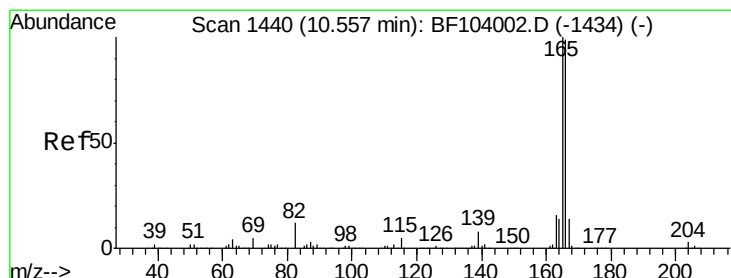
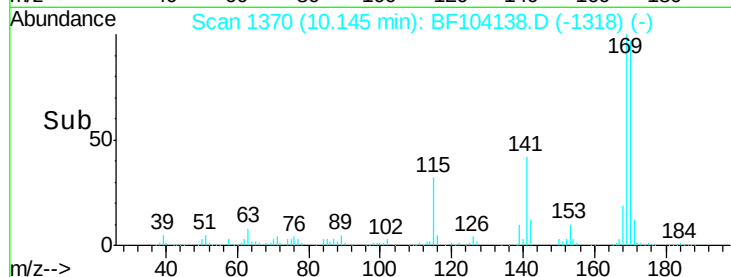
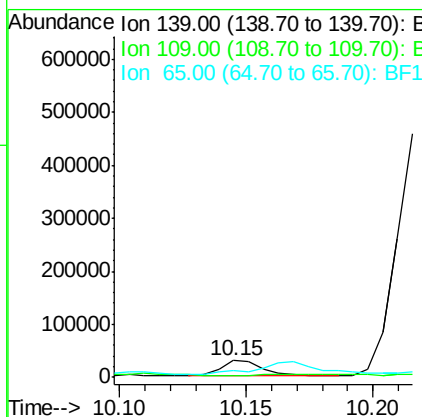
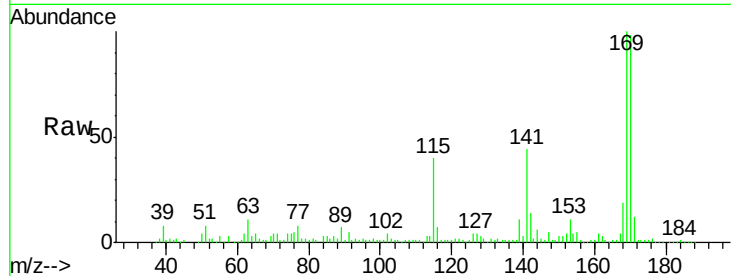




#55
4-Nitrophenol
Concen: 15.312 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

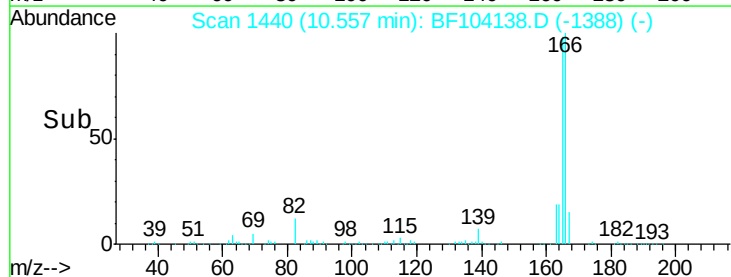
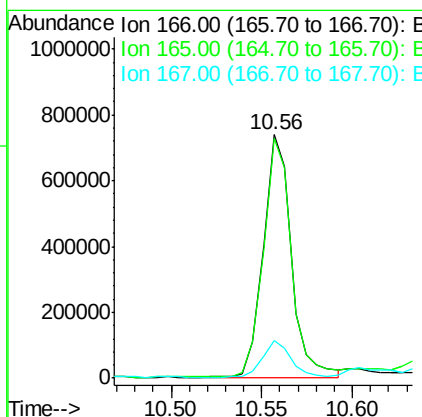
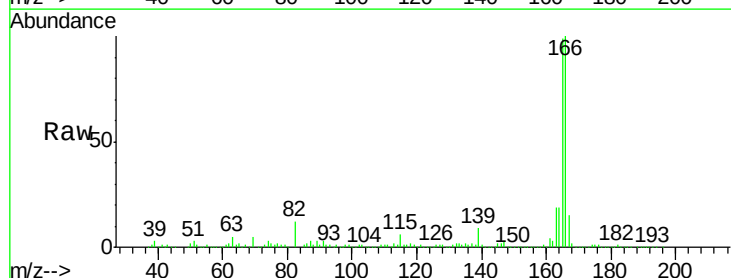
Instrument :
BNA_F
ClientSampled :

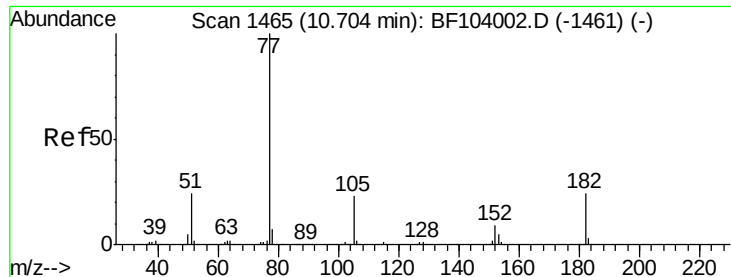
Tot Ion:139 Resp: 33541
Ion Ratio Lower Upper
139 100
109 13.1 48.4 88.4#
65 39.7 72.6 112.6#



#57
Fluorene
Concen: 59.573 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion:166 Resp: 796640
Ion Ratio Lower Upper
166 100
165 98.5 79.8 119.8
167 15.3 10.6 16.0





#62

Azobenzene

Concen: 5.411 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF104138.D

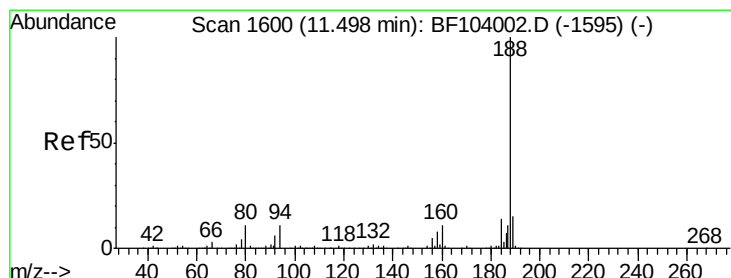
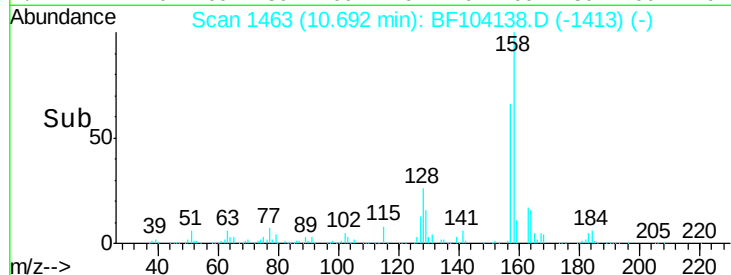
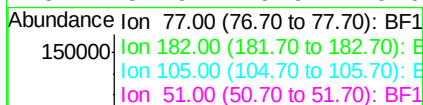
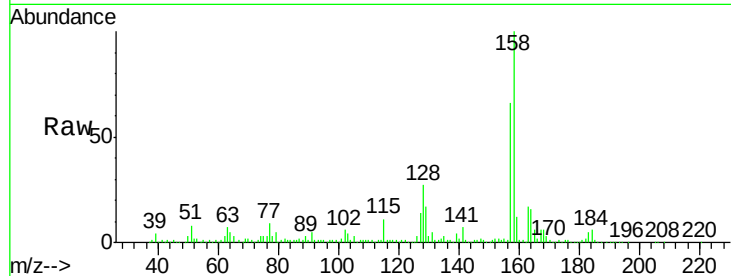
Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:	77	Resp:	69236
Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.7	41.7
105	31.1	3.0	43.0
51	87.9	9.9	49.9#



#63

Phenanthrene-d10

Concen: 20.000 ng

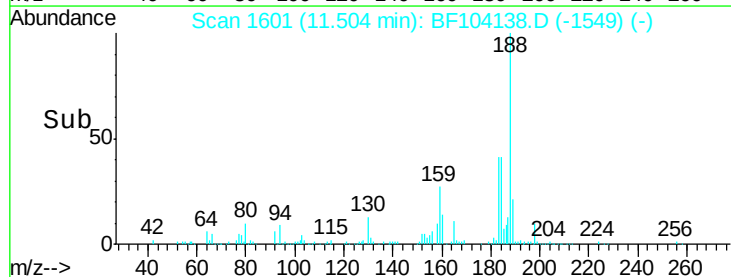
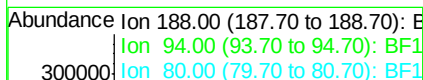
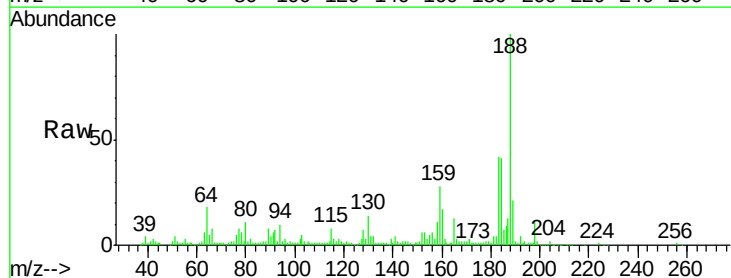
RT: 11.50 min Scan# 1601

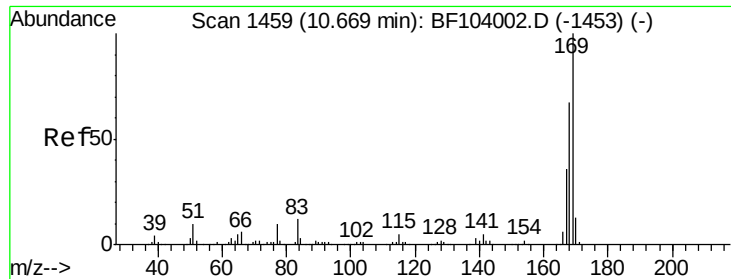
Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Tgt Ion:	188	Resp:	254501
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.2	13.8





#65

n-Nitrosodiphenylamine

Concen: 2.227 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.02 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

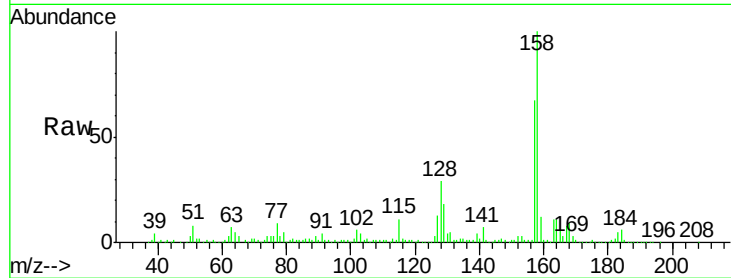
Tot Ion:169 Resp: 19196

Ion Ratio Lower Upper

169 100

168 280.8 54.4 81.6#

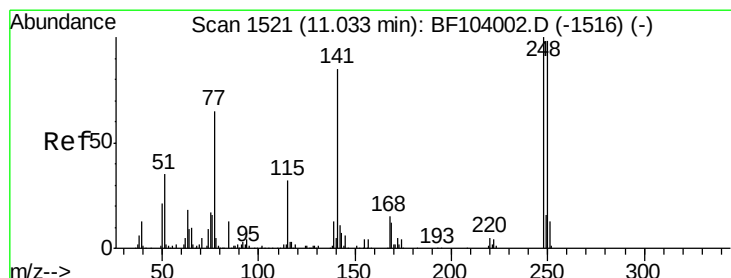
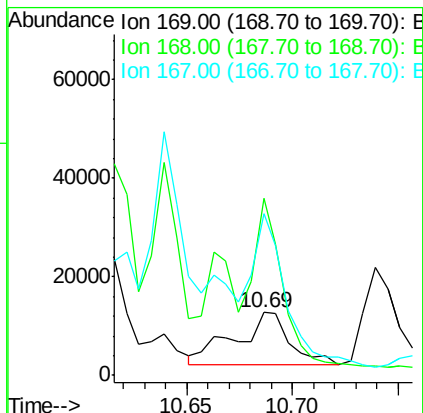
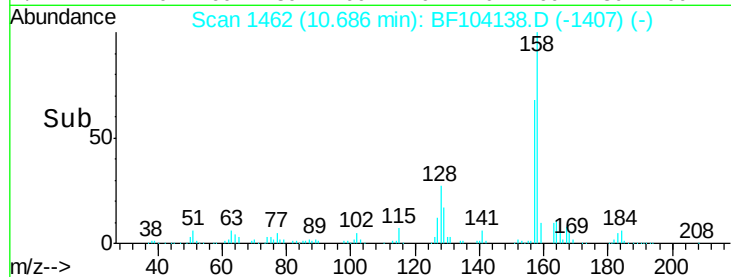
167 256.3 29.8 44.6#



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



#66

4-Bromophenyl-phenylether

Concen: 4.440 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.23 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

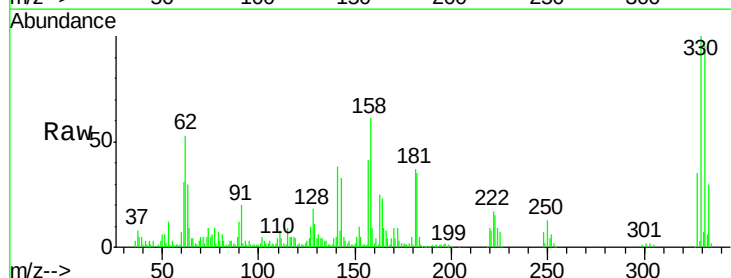
Tgt Ion:248 Resp: 12089

Ion Ratio Lower Upper

248 100

250 191.1 76.9 115.3#

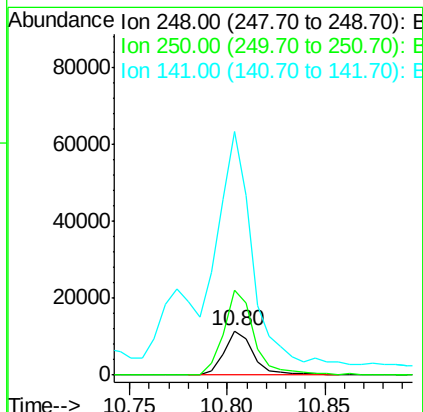
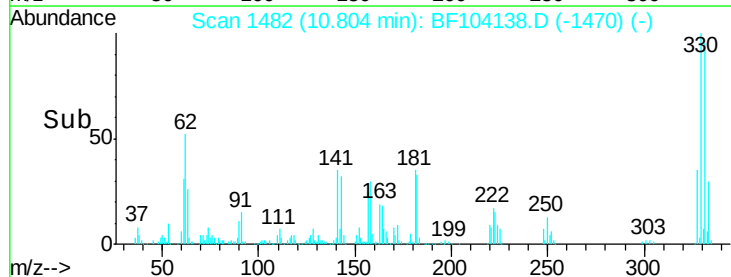
141 551.1 74.4 111.6#

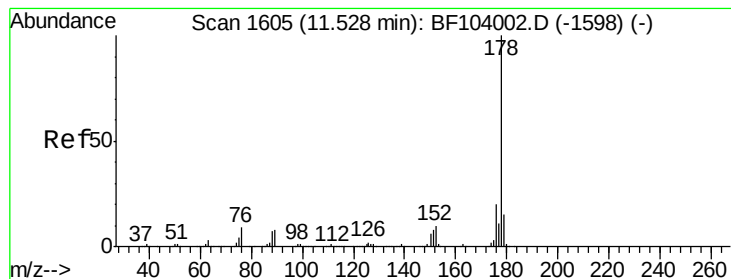


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 77.442 ng

RT: 11.53 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

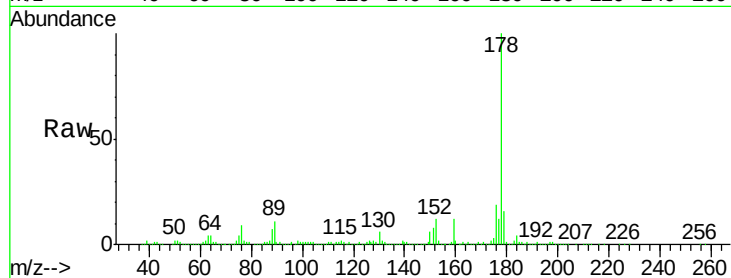
Tot Ion:178 Resp: 1067069

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6

178 100

176 19.3 15.8 23.8

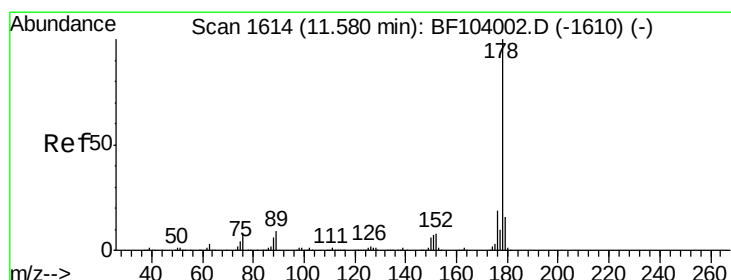
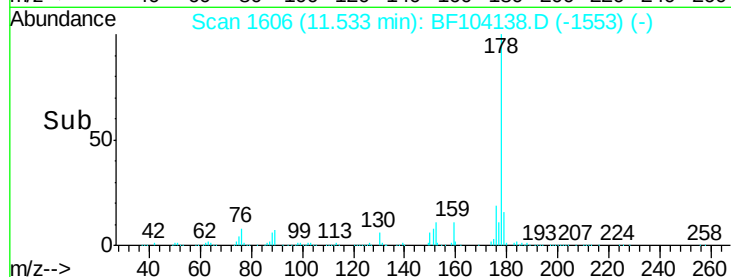
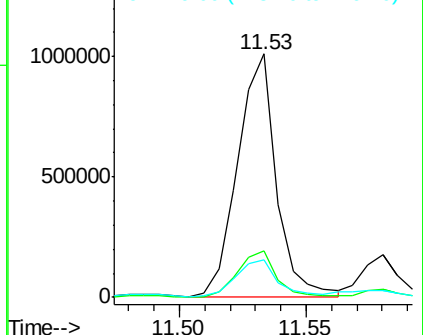
179 15.7 13.0 19.6



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: 13.846 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

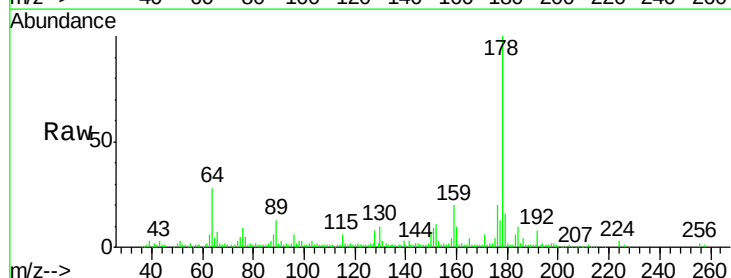
Tgt Ion:178 Resp: 199278

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.5	12.6	19.0

178 100

176 20.1 15.4 23.2

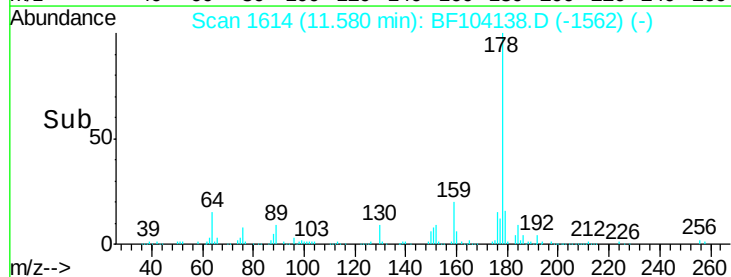
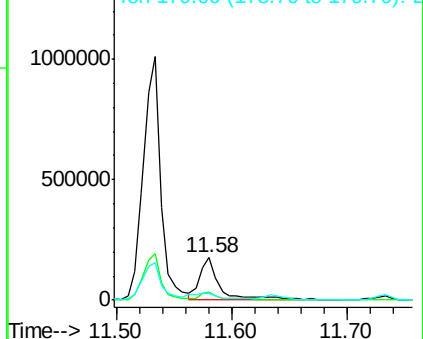
179 16.5 12.6 19.0

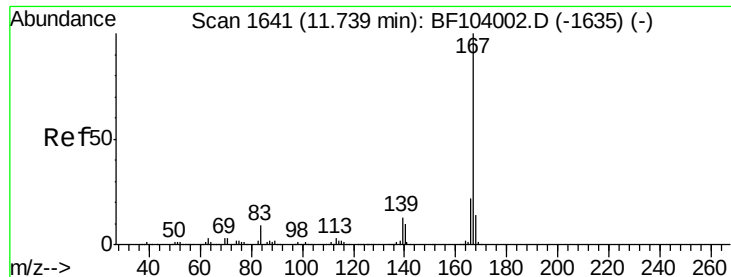


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 55.967 ng

RT: 11.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampleId :

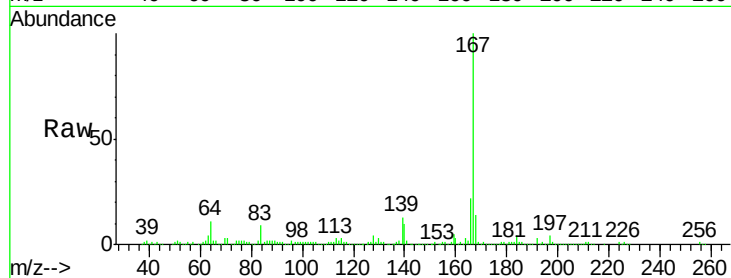
Tot Ion:167 Resp: 768805

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

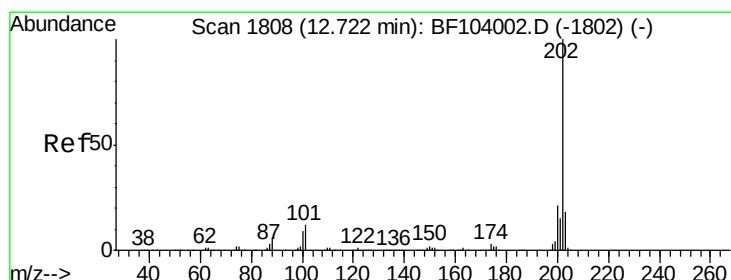
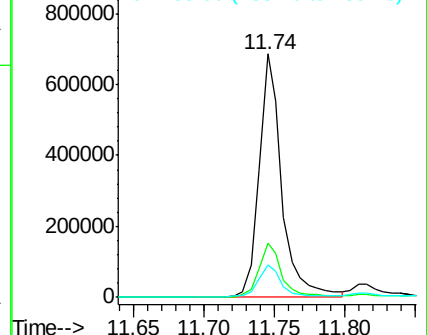
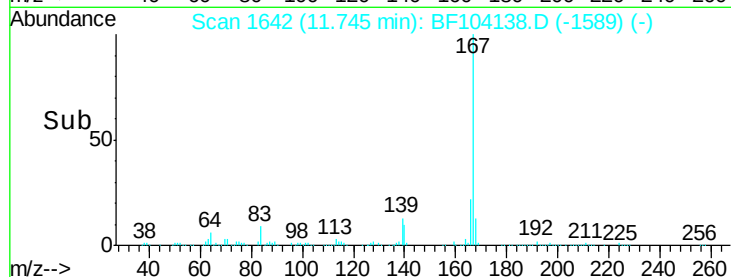
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 7.626 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.02 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

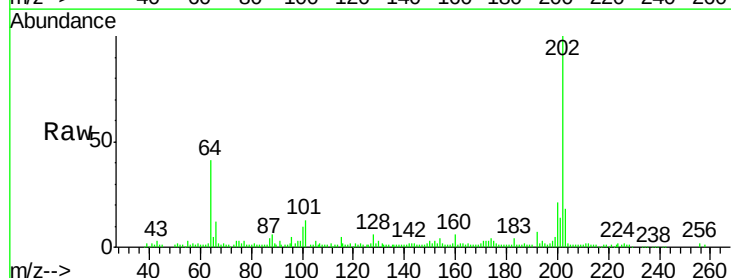
Tgt Ion:202 Resp: 111688

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

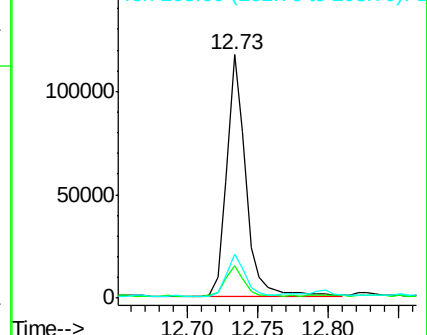
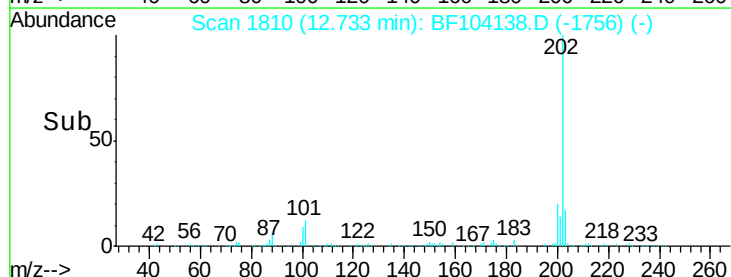
203 17.8 0.0 38.1

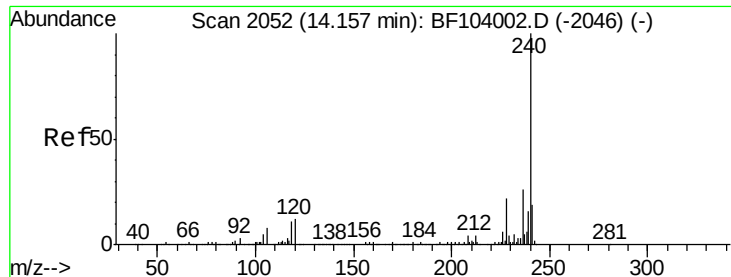


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

Instrument :

BNA_F

ClientSampled :

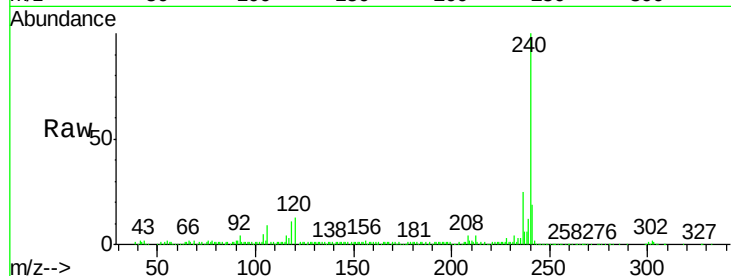
Tot Ion:240 Resp: 221476

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

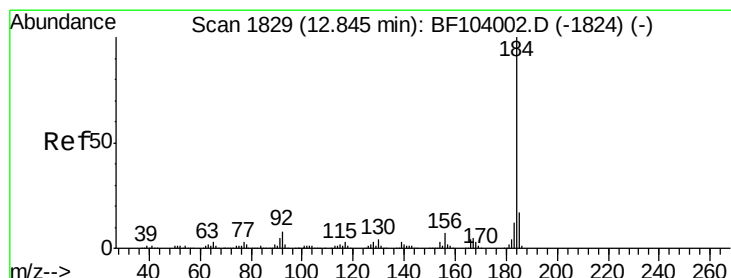
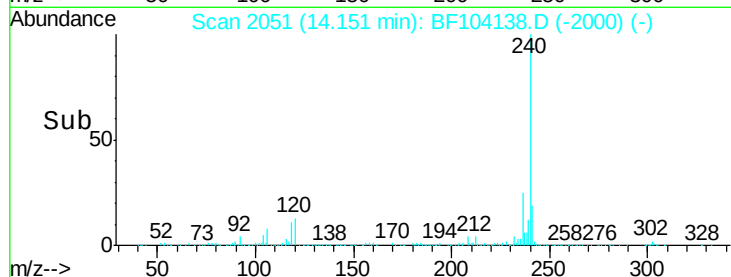
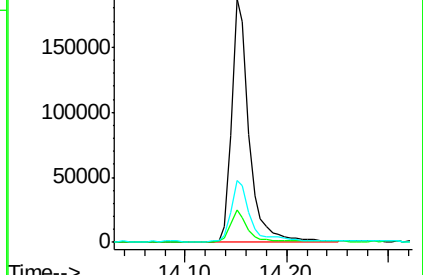
236 25.4 20.7 31.1



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



#76

Benzidine

Concen: 2.051 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF104138.D

Acq: 2 Apr 2018 16:34

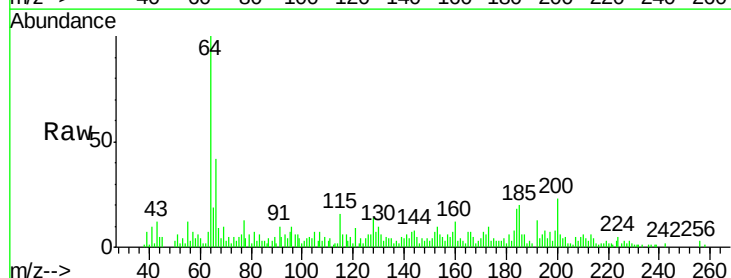
Tgt Ion:184 Resp: 12945

Ion Ratio Lower Upper

184 100

185 114.6 12.6 18.8#

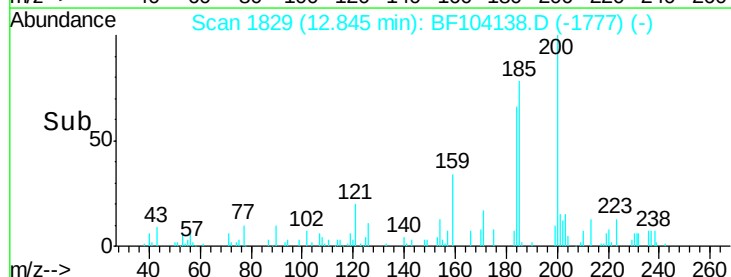
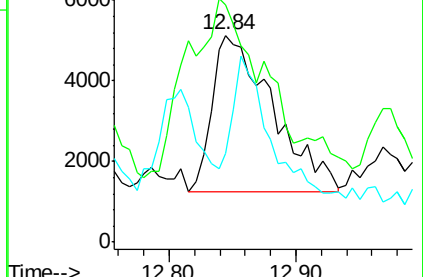
183 43.1 9.3 13.9#

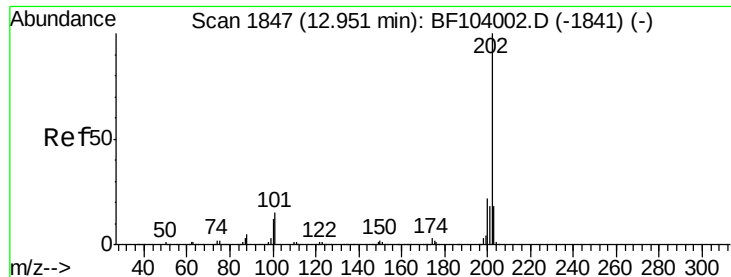


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

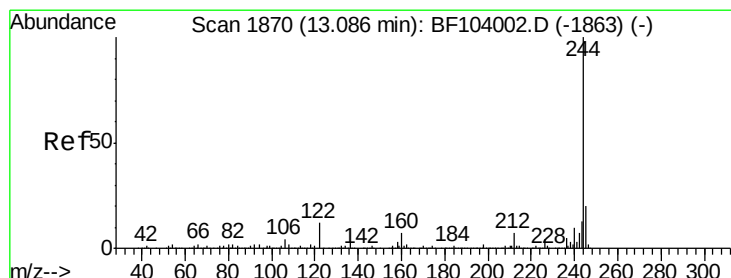
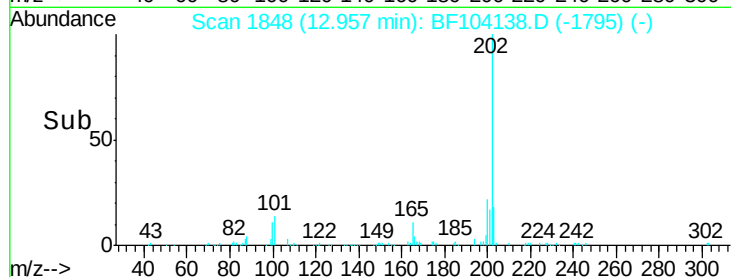
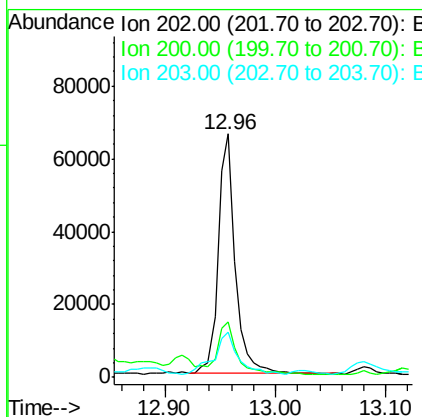
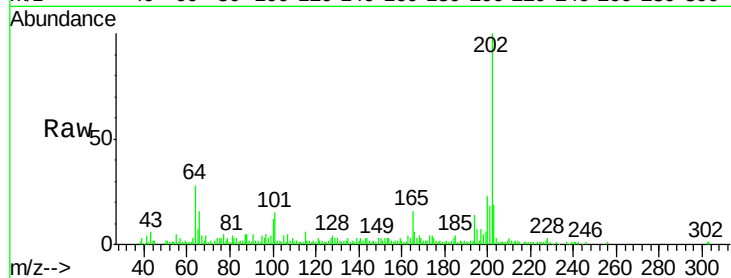




#77
Pvrene
Concen: 4.446 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

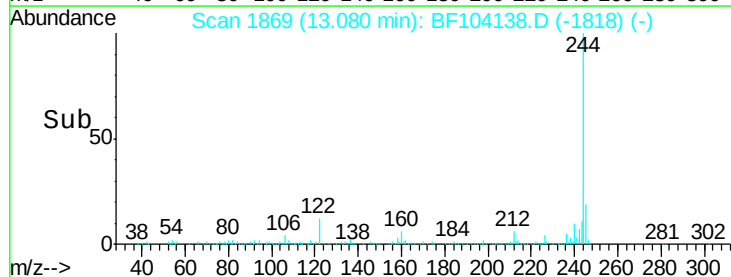
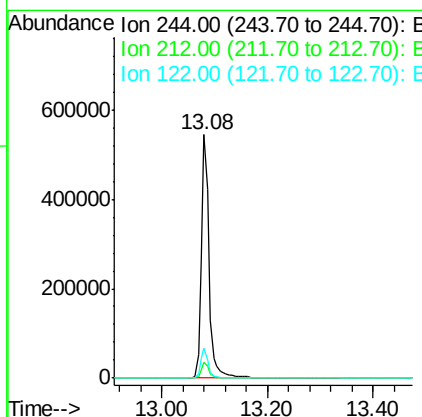
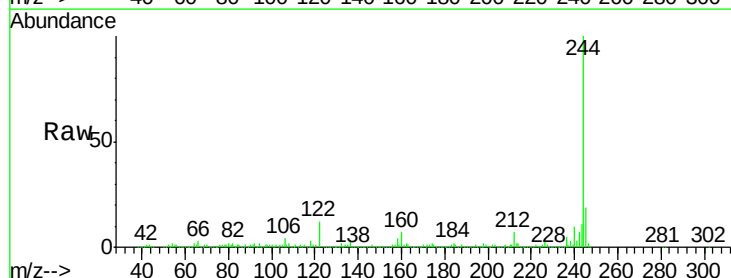
Instrument :
BNA_F
ClientSampleId :

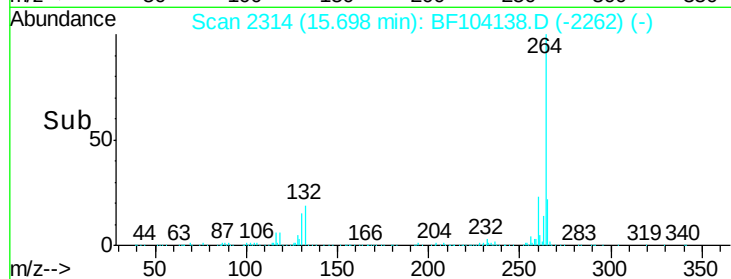
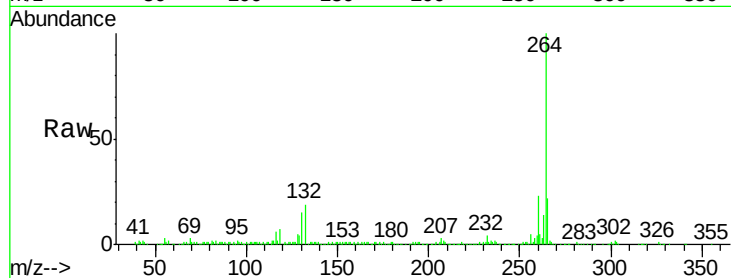
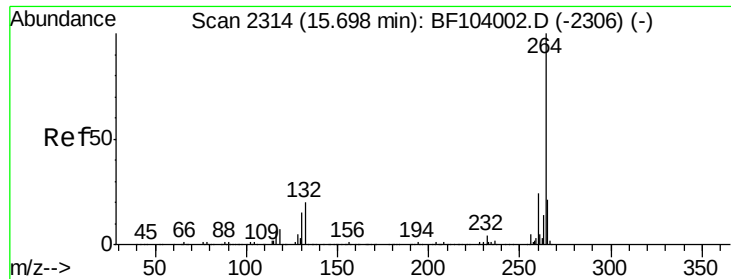
Tot Ion:202 Resp: 70791
Ion Ratio Lower Upper
202 100
200 22.9 17.4 26.2
203 18.7 14.3 21.5



#78
Terphenyl-d14
Concen: 58.152 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Tgt Ion:244 Resp: 557799
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 12.5 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.01 min
Lab File: BF104138.D
Acq: 2 Apr 2018 16:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.4	17.5	26.3

