

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103551.D
 Acq On : 9 Mar 2018 10:46
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 11:47:22 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	155760	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	661314	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	289921	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	485816	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320358	20.00	ng	0.00
86) Perylene-d12	15.57	264	283345	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	823587	79.97	ng	0.00
7) Phenol-d6	6.51	99	965664	76.63	ng	0.00
23) Nitrobenzene-d5	7.44	82	894415	77.24	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	163059	66.45	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1265512	72.60	ng	0.00
78) Terphenyl-d14	12.99	244	980542	73.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	200490	36.859	ng	95
3) Pyridine	3.43	79	484247	33.347	ng	98
4) n-Nitrosodimethylamine	3.39	42	204207	34.868	ng	89
6) Aniline	6.53	93	684015	37.609	ng	# 83
8) 2-Chlorophenol	6.66	128	408527	38.185	ng	95
9) Benzaldehyde	6.43	77	271213	33.866	ng	97
10) Phenol	6.52	94	542782	37.102	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	442317	39.836	ng	95
12) 1,3-Dichlorobenzene	6.80	146	470617	38.493	ng	96
13) 1,4-Dichlorobenzene	6.88	146	493171	40.234	ng	99
14) 1,2-Dichlorobenzene	7.03	146	420930	37.242	ng	99
15) Benzyl Alcohol	7.02	79	331708	34.931	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	686803	36.021	ng	62
17) 2-Methylphenol	7.13	107	364612	37.502	ng	# 86
18) Hexachloroethane	7.37	117	168677	37.801	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	305792	38.989	ng	97
20) 3+4-Methylphenols	7.28	107	471246	39.762	ng	# 54
22) Acetophenone	7.28	105	618702	40.081	ng	# 88
24) Nitrobenzene	7.46	77	513065	40.242	ng	97
25) Isophorone	7.69	82	899963	39.460	ng	97
26) 2-Nitrophenol	7.77	139	238444	39.727	ng	# 90
27) 2,4-Dimethylphenol	7.80	122	343335	37.424	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	527926	39.371	ng	98
29) 2,4-Dichlorophenol	8.02	162	349541	39.795	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	347584	37.161	ng	100
31) Naphthalene	8.17	128	1206983	37.279	ng	99
32) Benzoic acid	7.97	122	243865	37.582	ng	93
33) 4-Chloroaniline	8.23	127	537768	38.491	ng	95
34) Hexachlorobutadiene	8.27	225	176321	36.200	ng	98
35) Caprolactam	8.61	113	112222	36.353	ng	# 72
36) 4-Chloro-3-methylphenol	8.72	107	389933	39.359	ng	98
37) 2-Methylnaphthalene	8.86	142	772317	36.910	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	298435	37.653	ng	96
40) Hexachlorocyclopentadiene	9.00	237	91771	38.084	ng	98

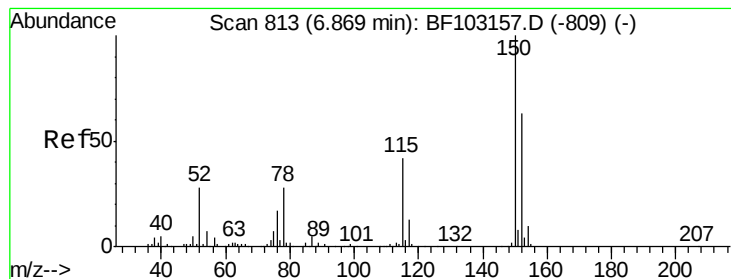
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
 Data File : BF103551.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	189790	35.587	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	212369	34.622	ng	95
45) 1,1'-Biphenyl	9.33	154	927365	38.173	ng	99
46) 2-Chloronaphthalene	9.36	162	739828	38.493	ng	99
47) 2-Nitroaniline	9.46	65	302047	42.426	ng	84
48) Acenaphthylene	9.77	152	1082436	36.604	ng	100
49) Dimethylphthalate	9.63	163	797183	34.276	ng	99
50) 2,6-Dinitrotoluene	9.70	165	177131	36.292	ng	# 87
51) Acenaphthene	9.95	154	631440	36.619	ng	99
52) 3-Nitroaniline	9.88	138	237885	38.416	ng	98
53) 2,4-Dinitrophenol	10.01	184	48886	34.015	ng	# 22
54) Dibenzofuran	10.12	168	850281	35.921	ng	95
55) 4-Nitrophenol	10.06	139	134368	35.011	ng	# 84
56) 2,4-Dinitrotoluene	10.12	165	211296	34.230	ng	# 69
57) Fluorene	10.46	166	720888	35.750	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	137060	33.263	ng	# 88
59) Diethylphthalate	10.32	149	805240	36.200	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	317796	37.165	ng	99
61) 4-Nitroaniline	10.50	138	221536	35.818	ng	98
62) Azobenzene	10.61	77	875047	38.647	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	97318	34.476	ng	88
65) n-Nitrosodiphenylamine	10.57	169	632663	37.402	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	186824	36.916	ng	93
67) Hexachlorobenzene	11.01	284	194233	35.361	ng	95
68) Atrazine	11.09	200	170845	33.603	ng	98
69) Pentachlorophenol	11.22	266	98142	36.952	ng	98
70) Phenanthrene	11.43	178	965894	36.127	ng	99
71) Anthracene	11.48	178	1037383	37.839	ng	100
72) Carbazole	11.64	167	1062394	38.913	ng	98
73) Di-n-butylphthalate	11.94	149	1262797	36.964	ng	99
74) Fluoranthene	12.62	202	971050	36.143	ng	98
76) Benzidine	12.74	184	504980	42.164	ng	98
77) Pyrene	12.86	202	994865	39.831	ng	100
79) Butylbenzylphthalate	13.45	149	531395	40.268	ng	91
80) Benzo(a)anthracene	14.05	228	763005	36.708	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	256995	34.644	ng	97
82) Chrysene	14.09	228	759862	37.649	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	647952	36.385	ng	98
84) Di-n-octyl phthalate	14.63	149	1103593	38.356	ng	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	586512	36.707	ng	97
87) Benzo(b)fluoranthene	15.12	252	652947	35.049	ng	97
88) Benzo(k)fluoranthene	15.15	252	643084	36.658	ng	100
89) Benzo(a)pyrene	15.50	252	600597	36.102	ng	98
90) Dibenzo(a,h)anthracene	17.12	278	497834	38.727	ng	98
91) Benzo(g,h,i)perylene	17.59	276	502652	40.008	ng	99

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

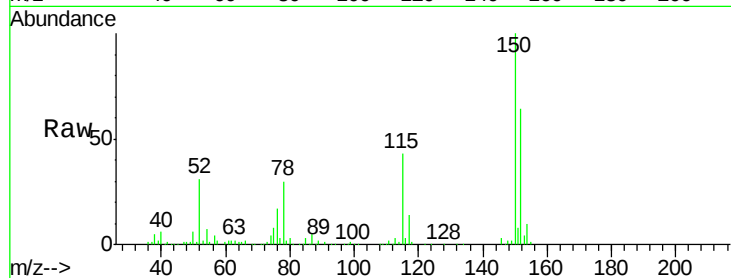


#1

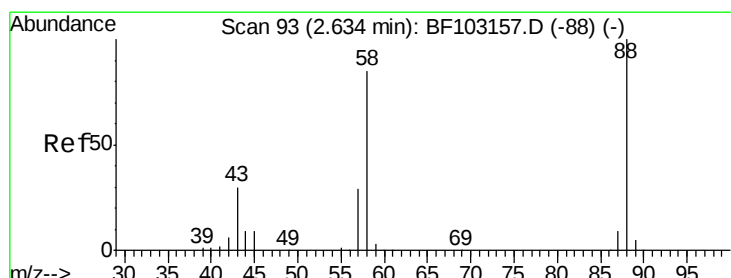
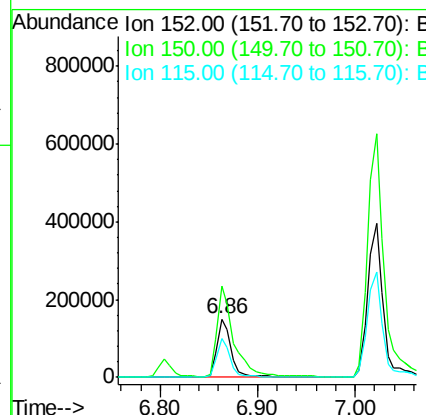
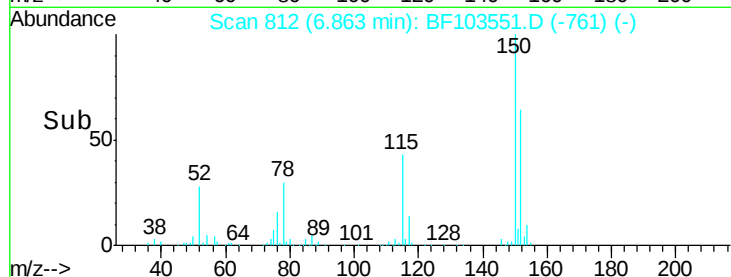
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	152	Resp	155760
Ion Ratio	Lower	Upper	
152	100		
150	156.8	124.6	186.8
115	67.0	50.1	75.1



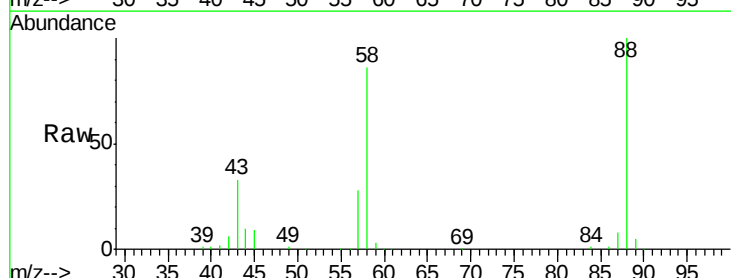
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



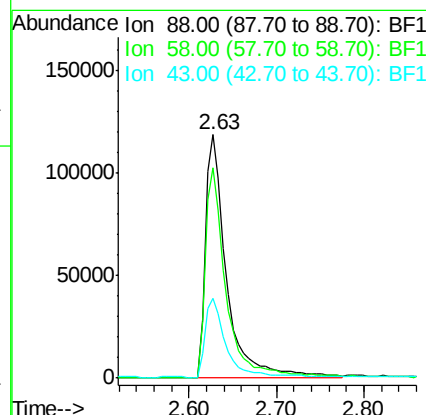
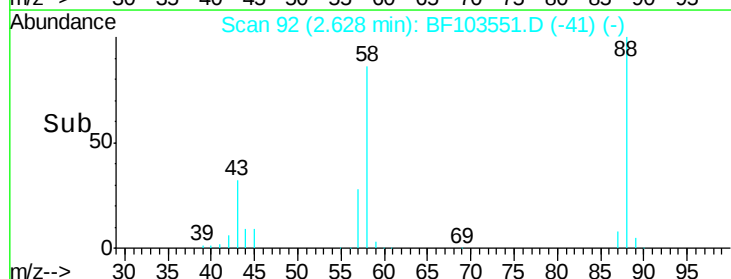
#2

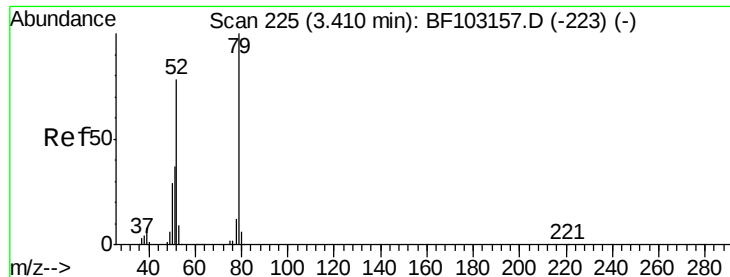
1,4-Dioxane
Concen: 36.859 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion	88	Resp	200490
Ion Ratio	Lower	Upper	
88	100		
58	83.5	62.6	93.8
43	31.9	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: 33.347 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

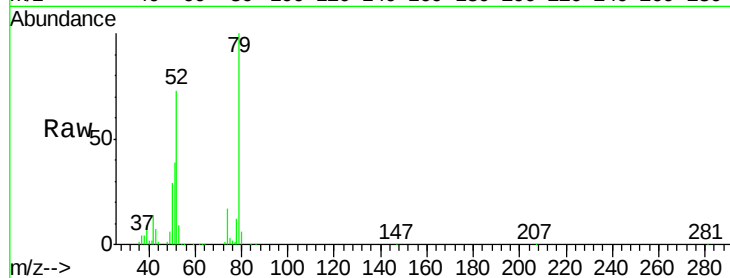
Tot Ion: 79 Resp: 484247

Ion Ratio Lower Upper

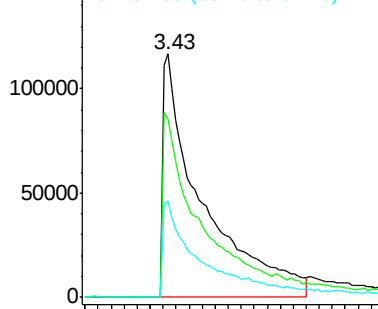
79 100

52 73.2 59.8 89.6

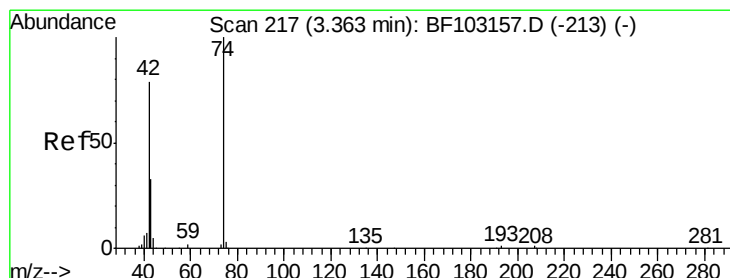
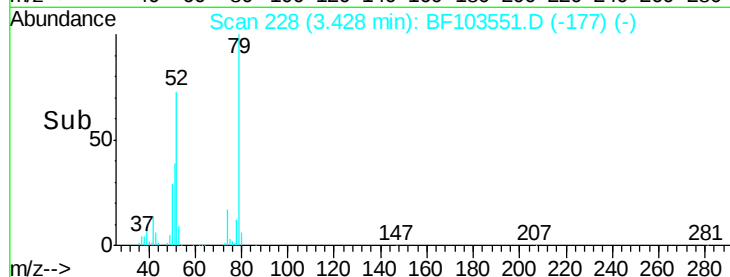
51 39.5 29.8 44.8



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



Time--> 3.30 3.40 3.50 3.60 3.70



#4

n-Nitrosodimethylamine

Concen: 34.868 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

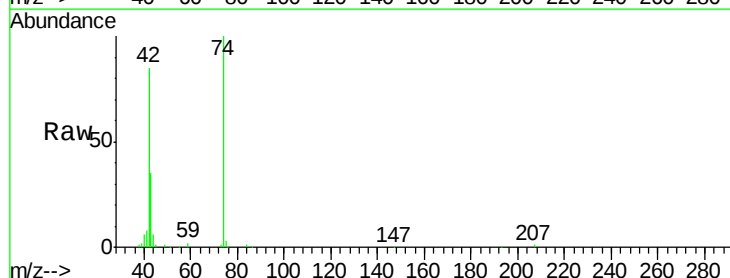
Tgt Ion: 42 Resp: 204207

Ion Ratio Lower Upper

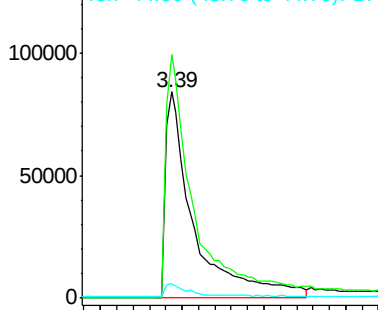
42 100

74 118.1 104.9 157.3

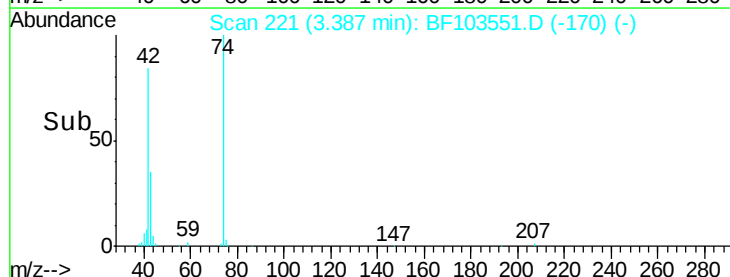
44 7.1 6.9 10.3



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



Time--> 3.30 3.40 3.50 3.60





#5

2-Fluorophenol

Concen: 79.970 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

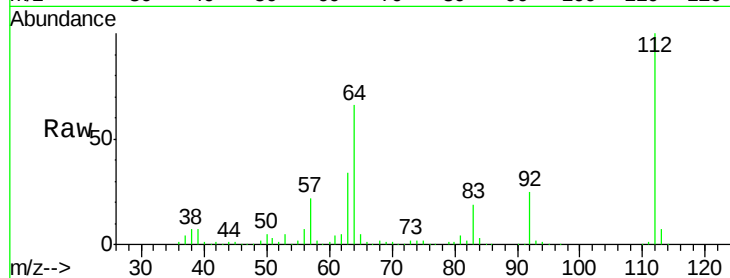
Tot Ion:112 Resp: 823587

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

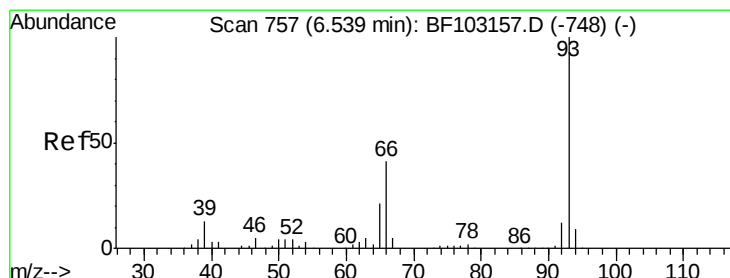
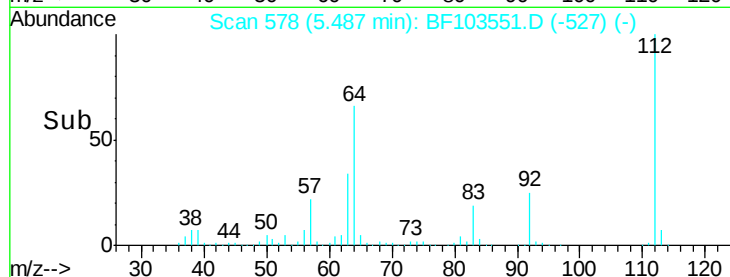
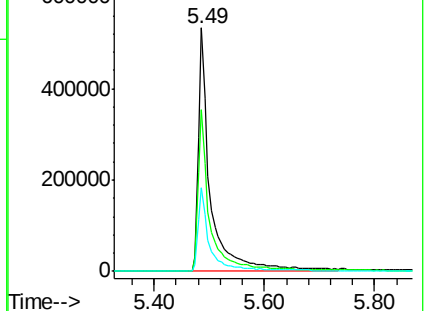
63 34.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.609 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

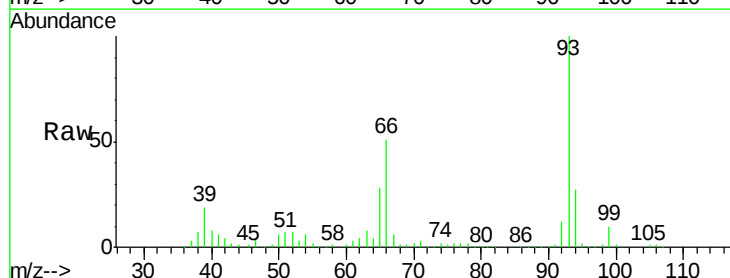
Tgt Ion: 93 Resp: 684015

Ion Ratio Lower Upper

93 100

66 51.0 32.2 48.2#

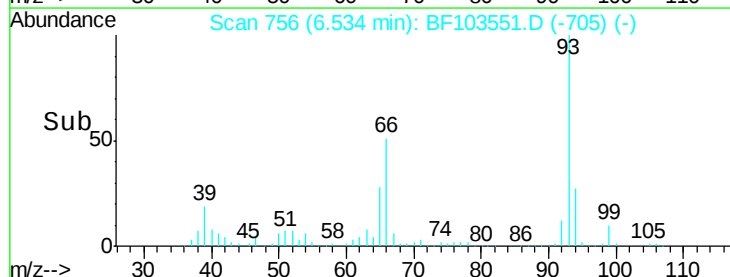
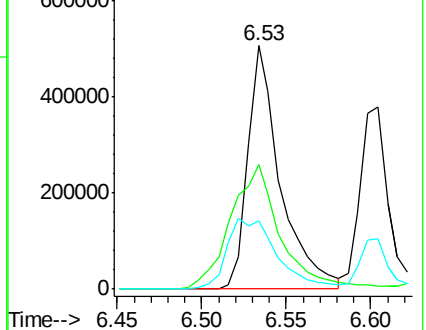
65 28.2 16.4 24.6#

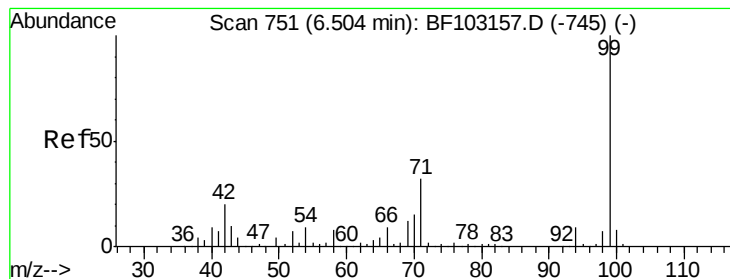


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 76.628 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampled :

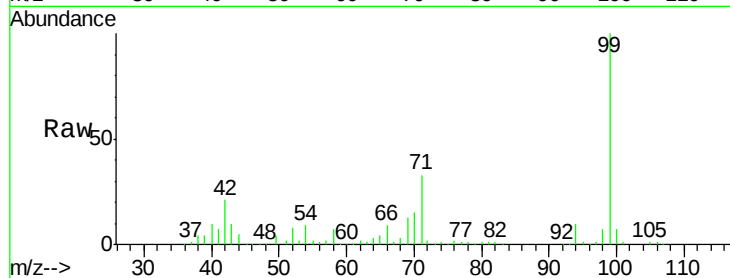
Tot Ion: 99 Resp: 965664

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

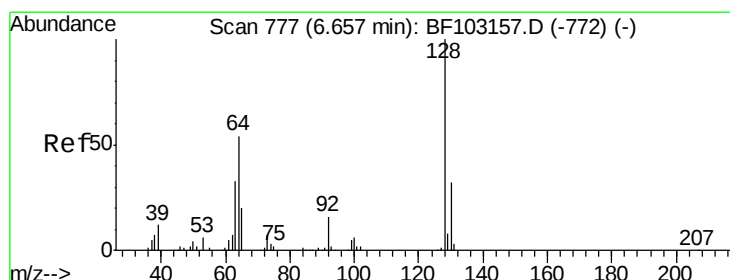
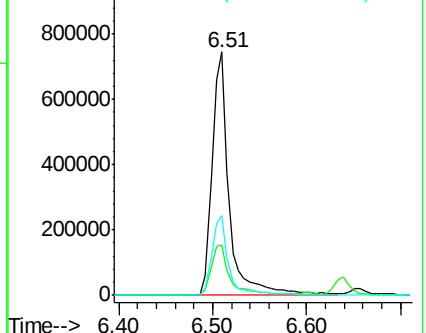
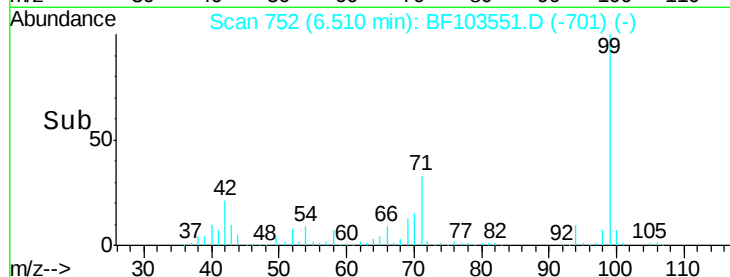
71 32.8 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.185 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

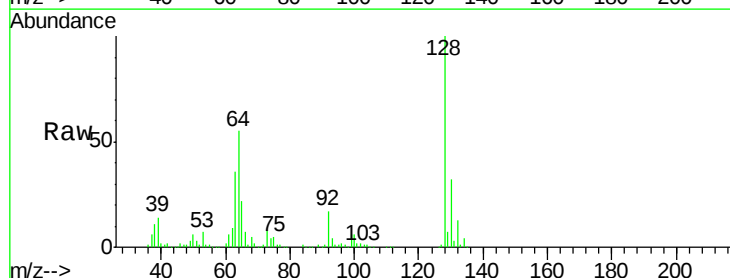
Tgt Ion: 128 Resp: 408527

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

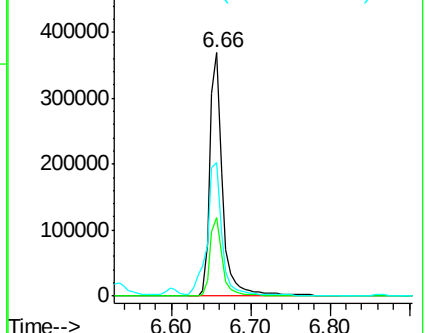
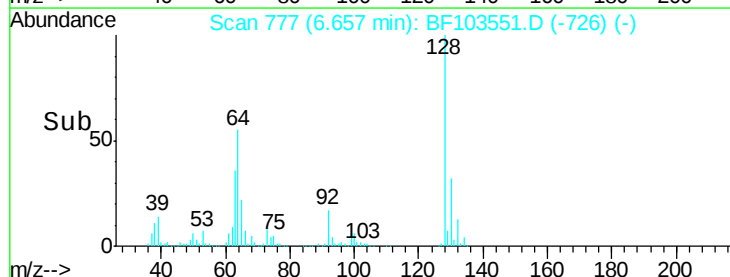
64 54.8 29.4 69.4

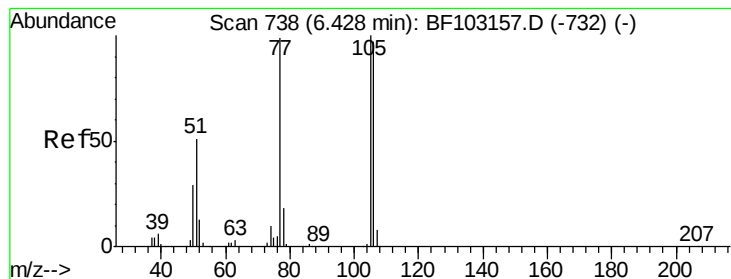


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.866 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

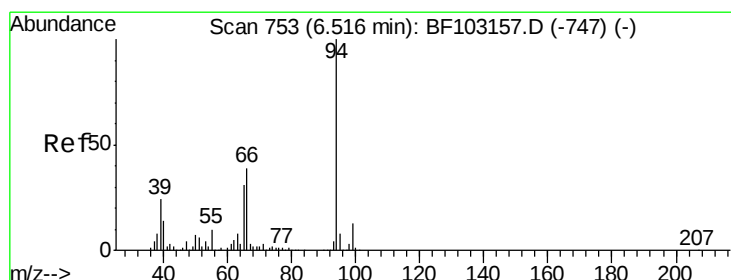
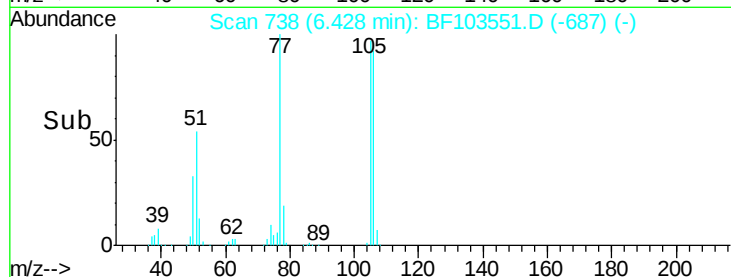
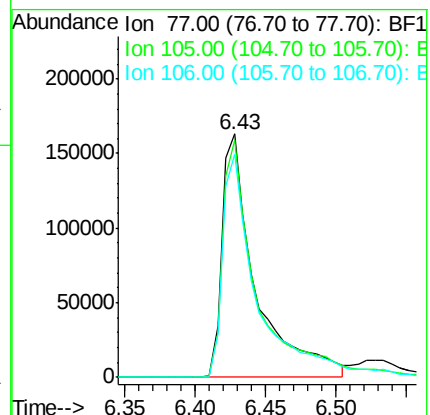
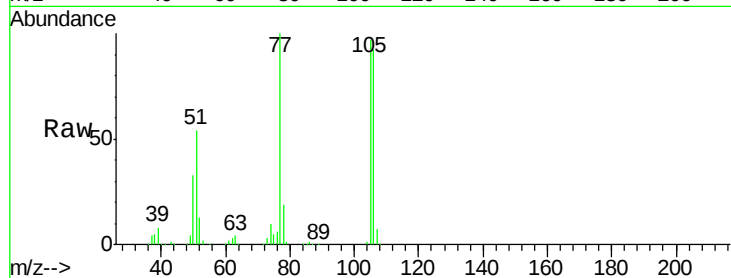
Tot Ion: 77 Resp: 271213

Ion Ratio Lower Upper

77 100

105 97.3 81.1 121.1

106 91.7 74.5 114.5



#10

Phenol

Concen: 37.102 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

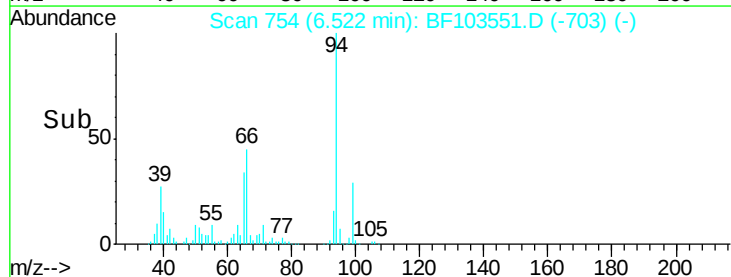
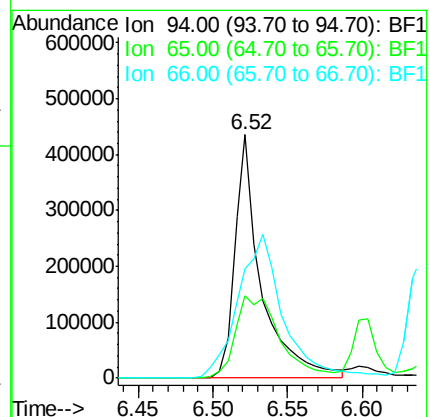
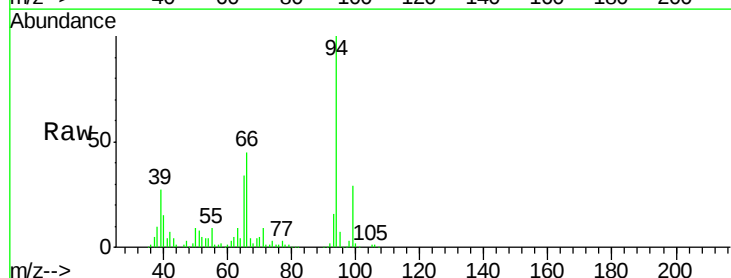
Tgt Ion: 94 Resp: 542782

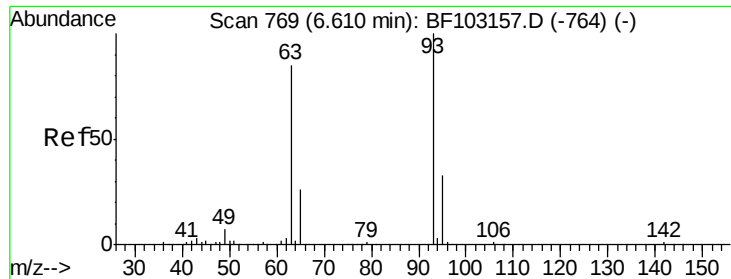
Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

66 45.0 16.2 56.2



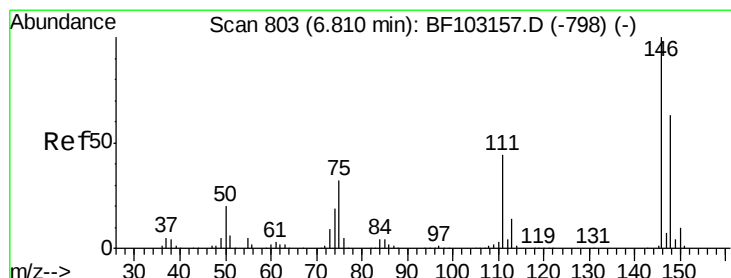
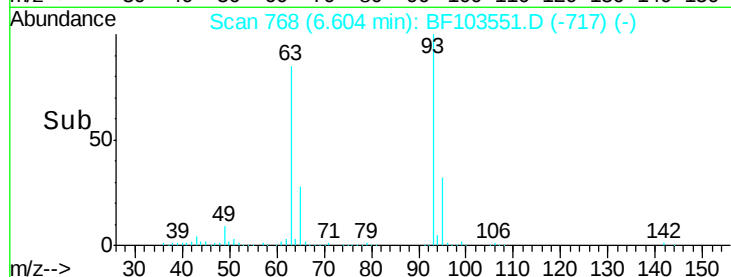
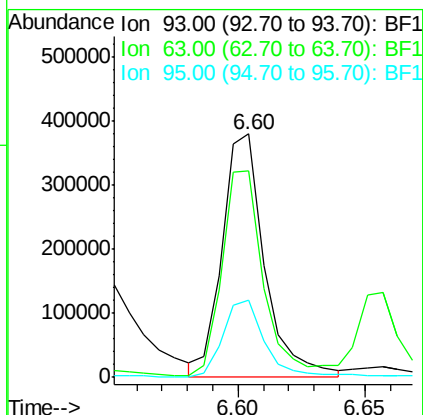
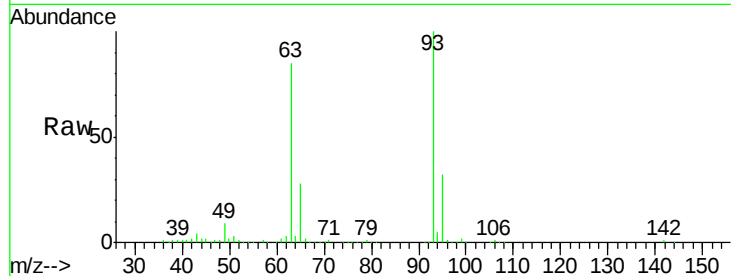


#11
 bis(2-Chloroethyl)ether
 Concen: 39.836 ng
 RT: 6.60 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 442317

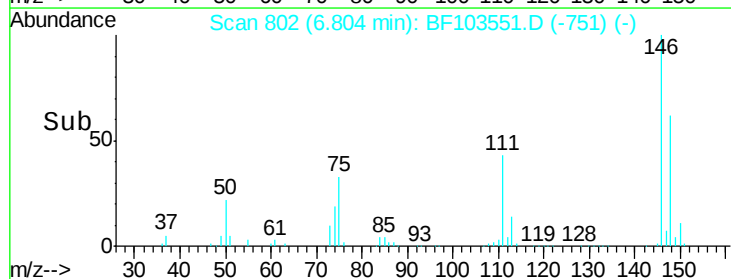
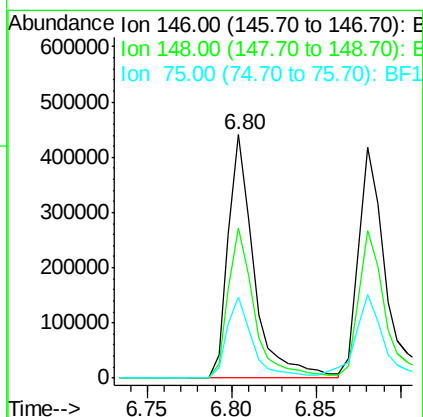
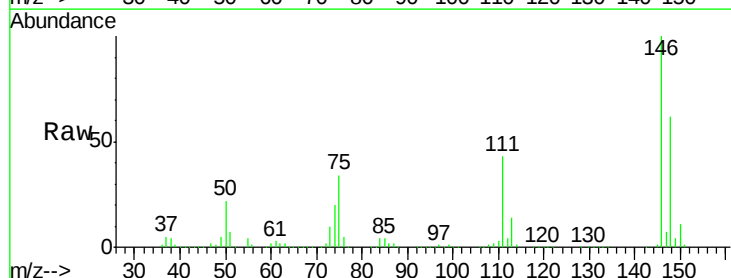
Ion	Ratio	Lower	Upper
93	100		
63	84.8	58.6	98.6
95	31.8	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.493 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion: 146 Resp: 470617

Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.8	77.8
75	33.5	24.2	36.4

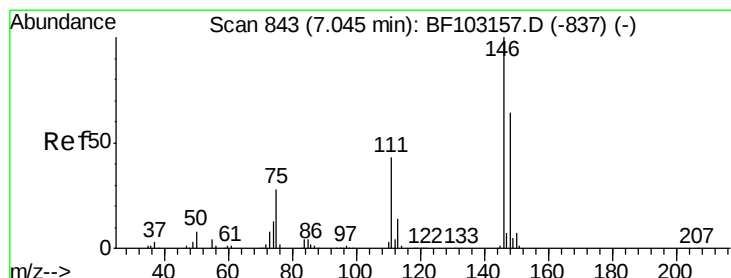
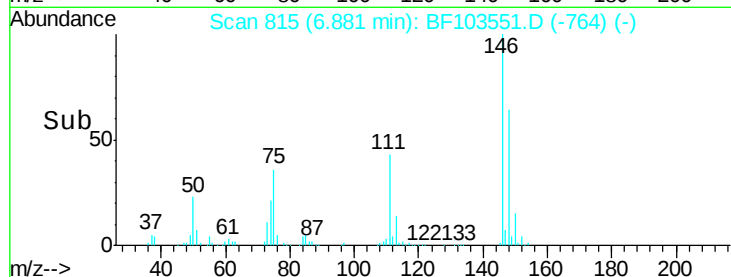
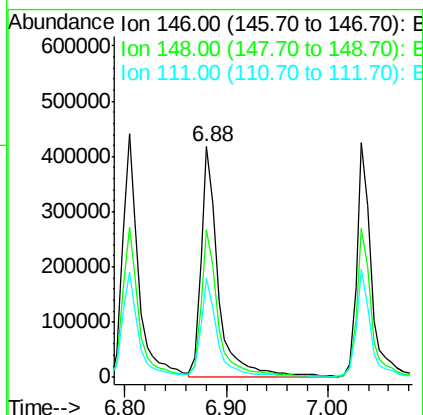
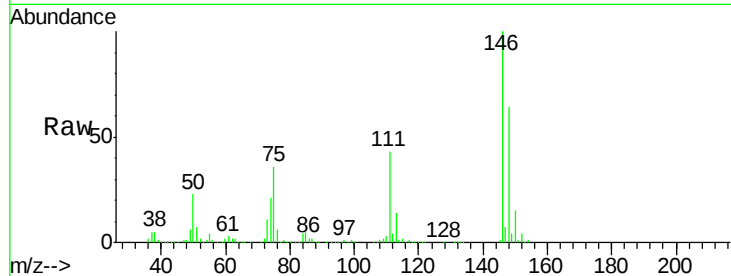




#13
 1,4-Dichlorobenzene
 Concen: 40.234 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

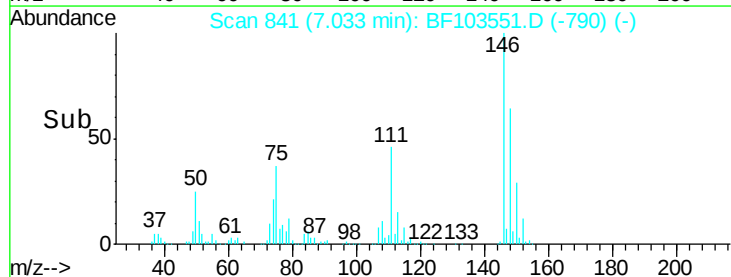
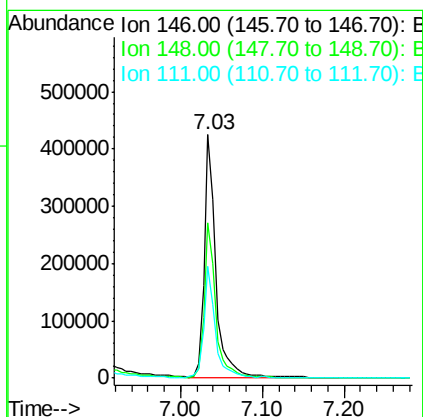
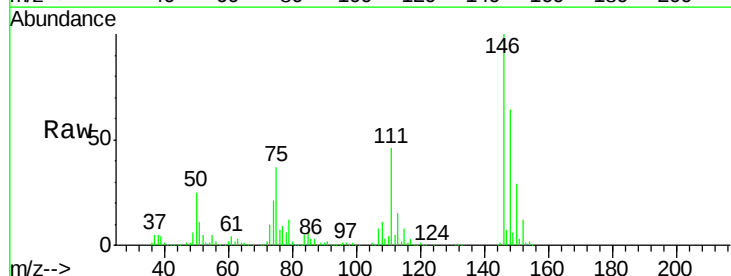
Instrument :
 BNA_F
 ClientSampled :

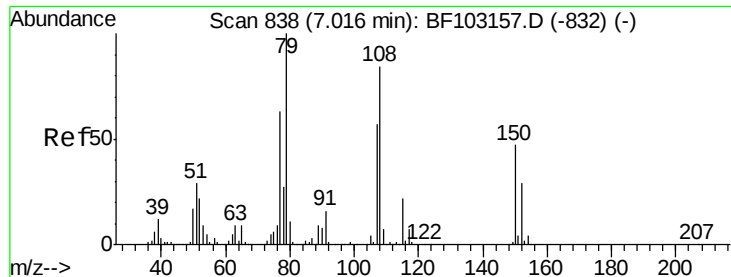
Tot Ion:146 Resp: 493171
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 42.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.242 ng
 RT: 7.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion:146 Resp: 420930
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 45.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.931 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampled :

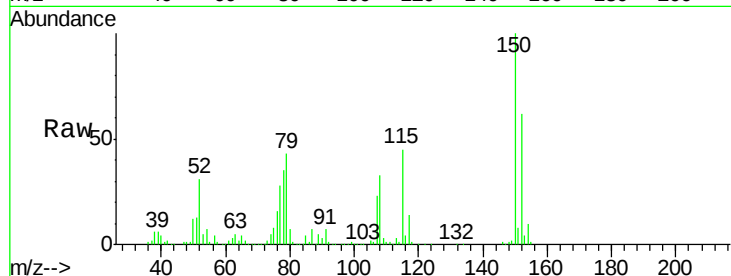
Tot Ion: 79 Resp: 331708

Ion Ratio Lower Upper

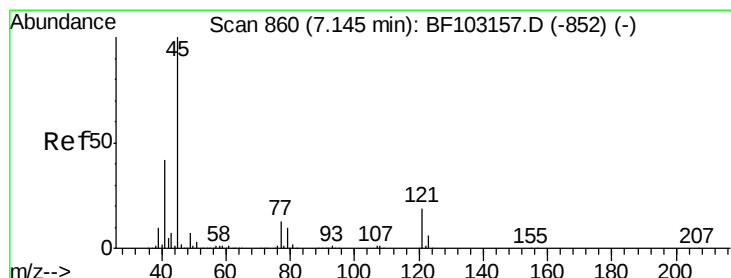
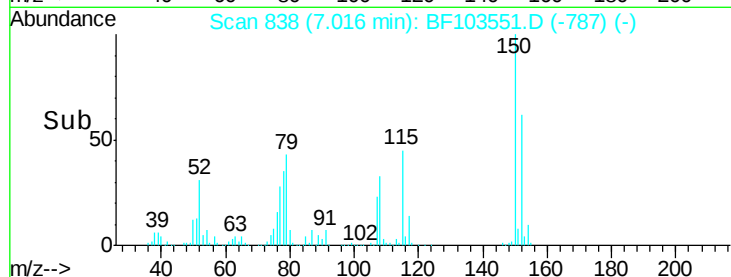
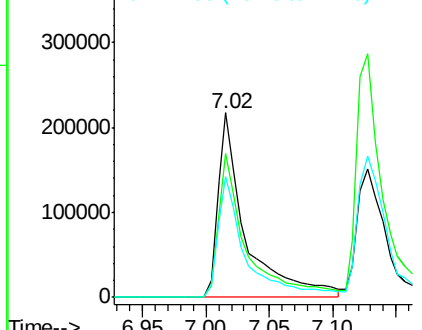
79 100

108 77.8 65.1 97.7

77 65.3 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.021 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

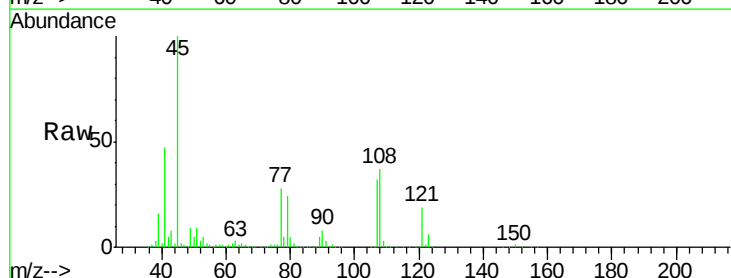
Tgt Ion: 45 Resp: 686803

Ion Ratio Lower Upper

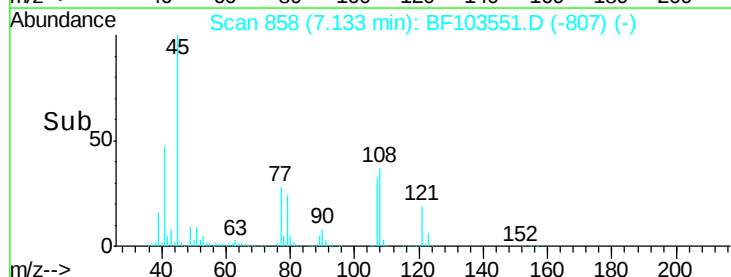
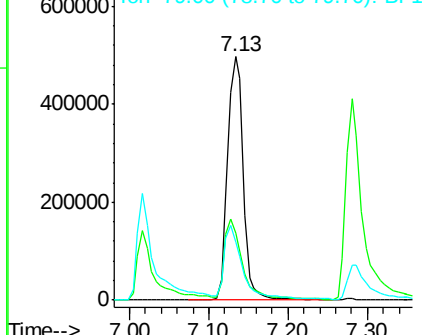
45 100

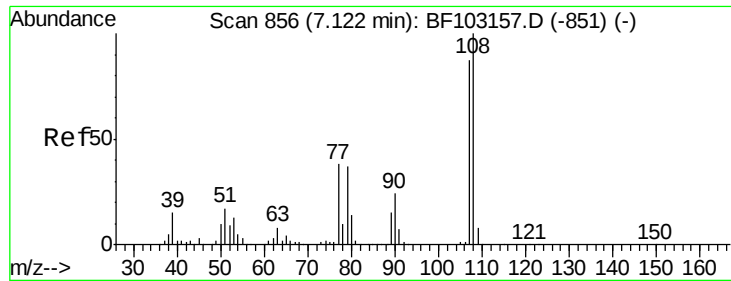
77 27.6 0.0 32.9

79 23.7 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

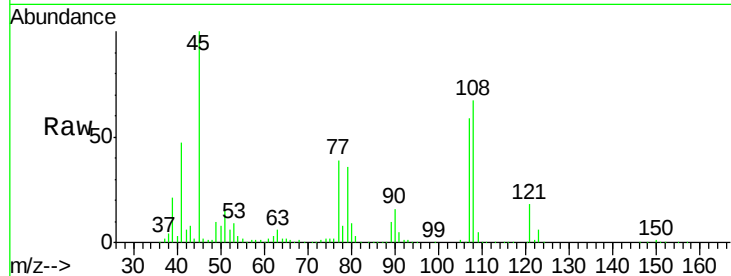




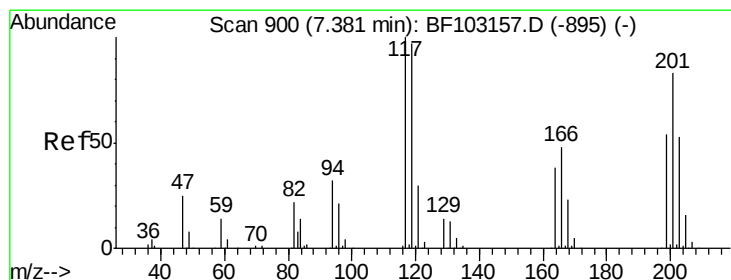
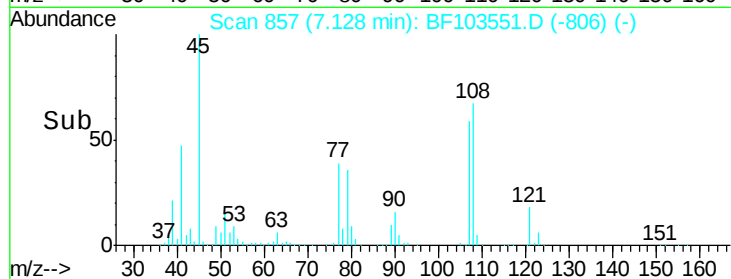
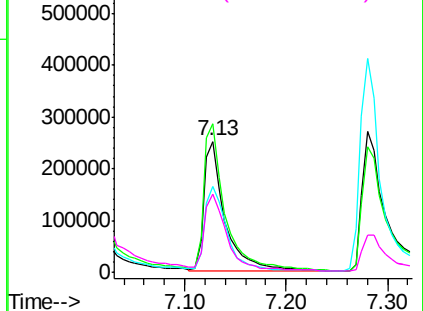
#17
2-Methylphenol
Concen: 37.502 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 364612
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 65.8 33.8 50.8#
79 60.0 33.8 50.8#

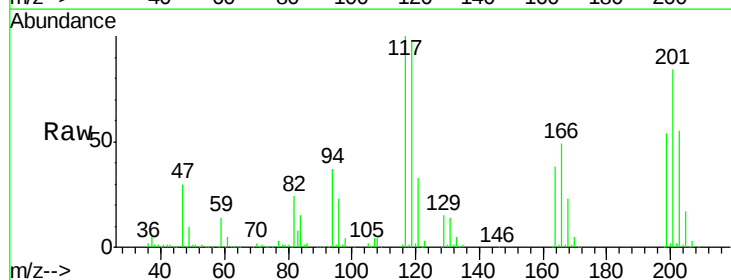


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

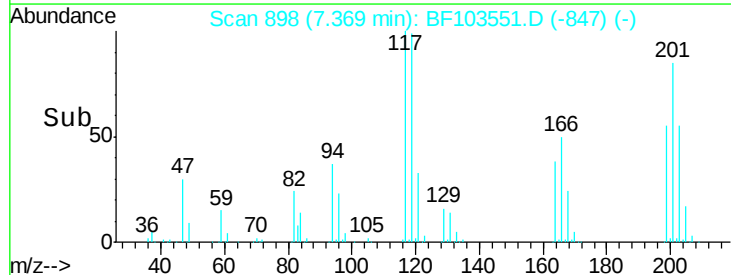
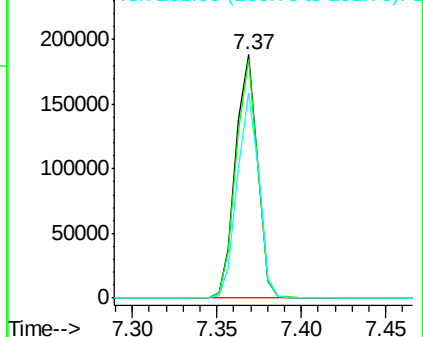


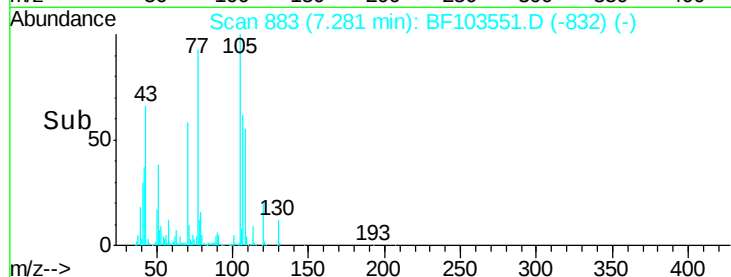
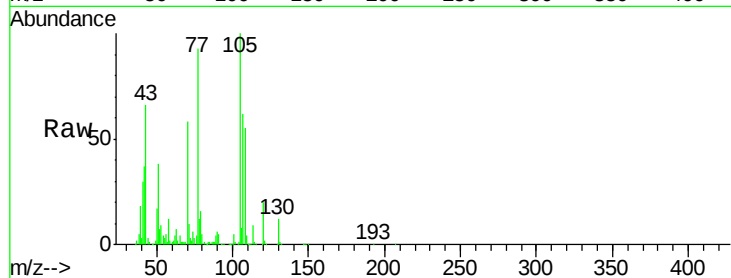
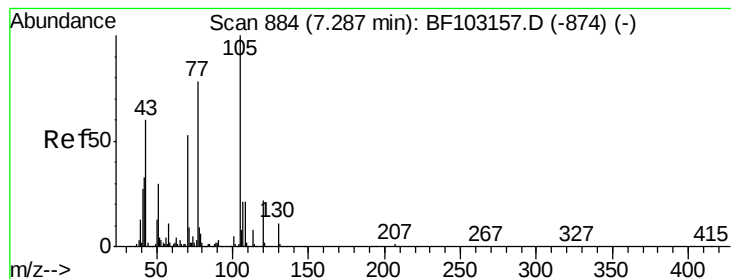
#18
Hexachloroethane
Concen: 37.801 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:117 Resp: 168677
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 84.4 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: 38.989 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 305792

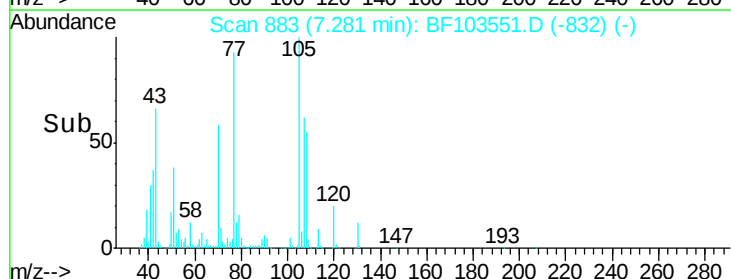
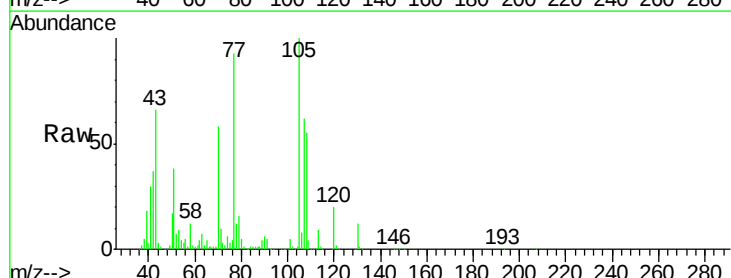
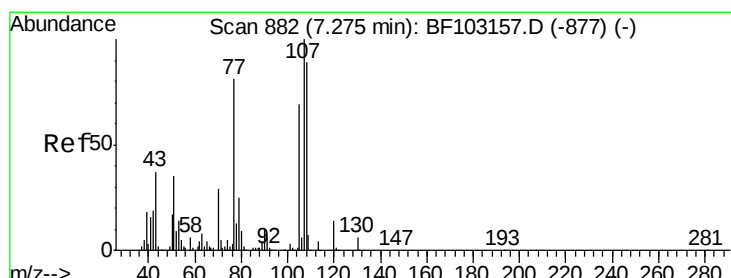
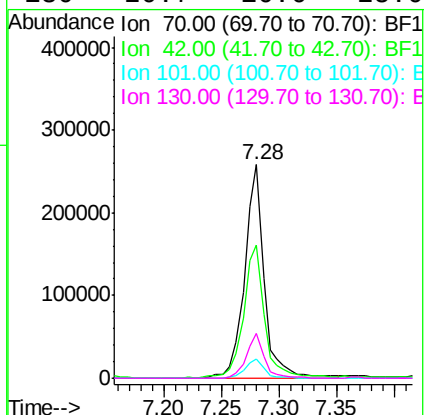
Ion Ratio Lower Upper

70 100

42 62.5 47.5 71.3

101 9.0 7.4 11.2

130 20.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 39.762 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Tgt Ion: 107 Resp: 471246

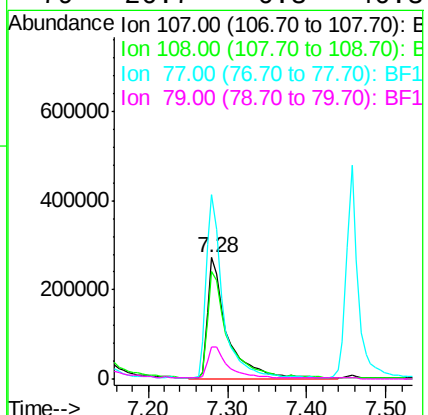
Ion Ratio Lower Upper

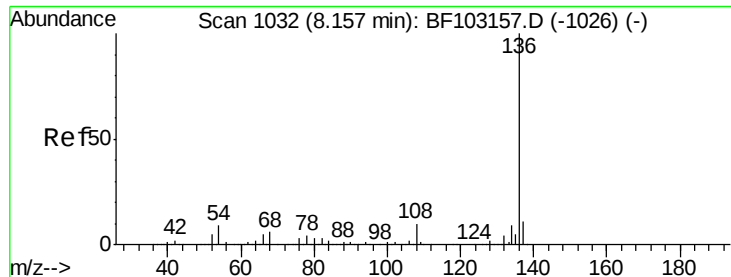
107 100

108 89.1 68.2 108.2

77 151.5 26.7 66.7#

79 26.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 661314

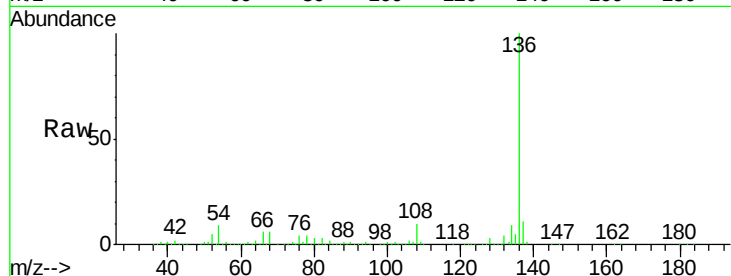
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.8 6.6 9.8

68 6.0 5.0 7.4

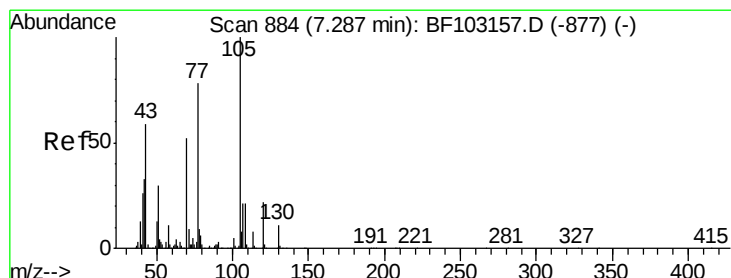
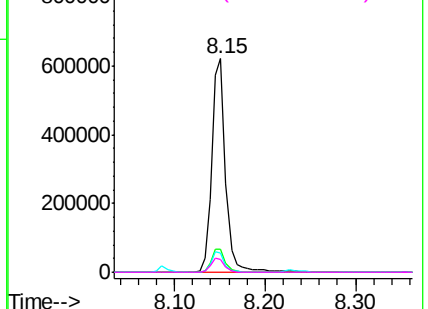
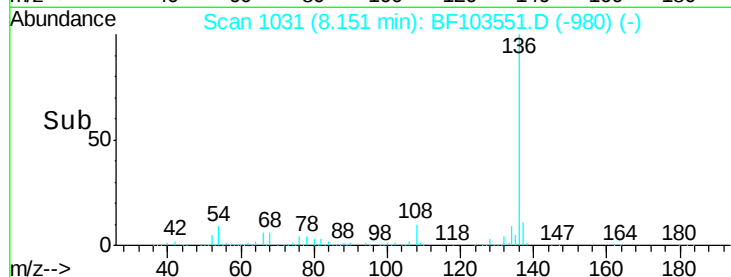


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.081 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Tgt Ion:105 Resp: 618702

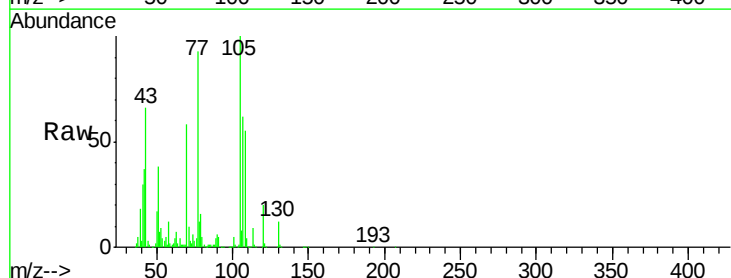
Ion Ratio Lower Upper

105 100

71 9.8 4.4 6.6#

51 38.3 22.3 33.5#

120 20.3 16.9 25.3

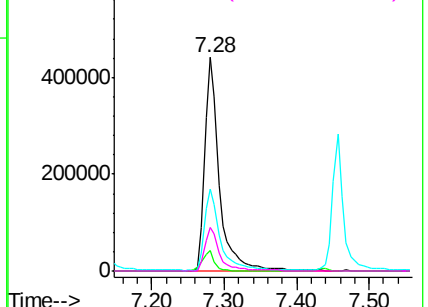
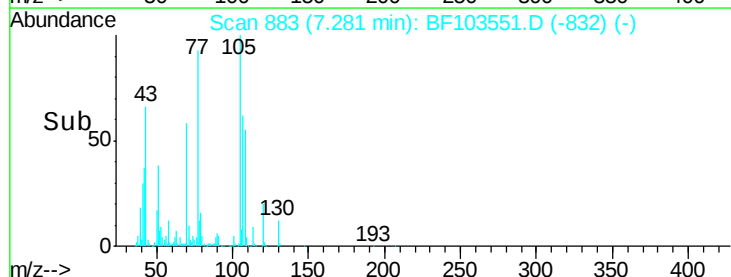


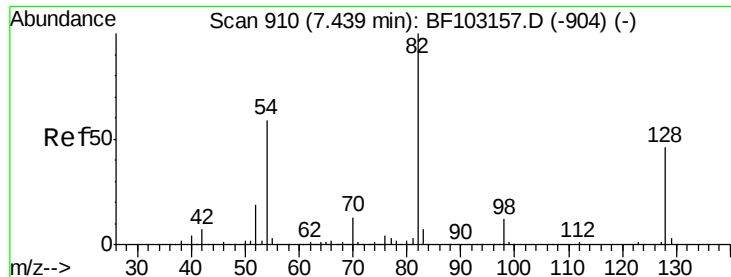
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

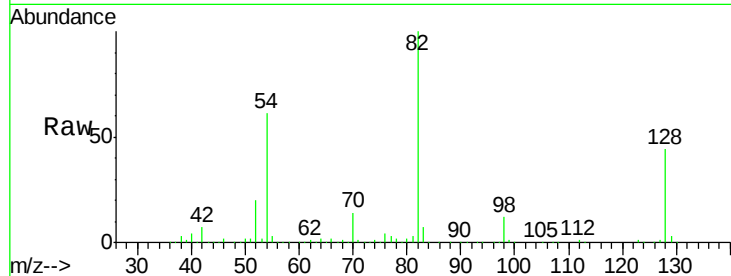




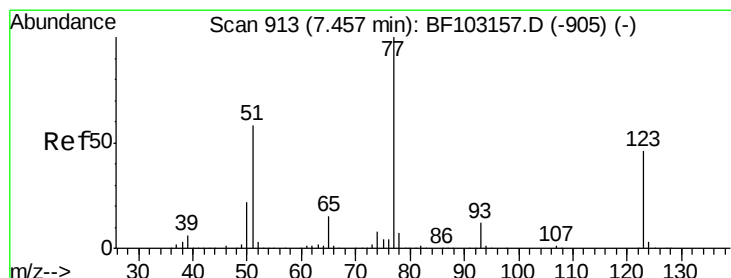
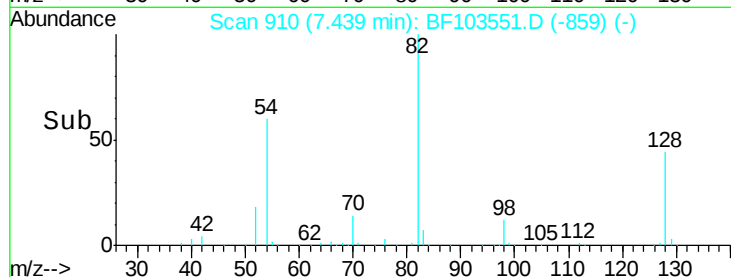
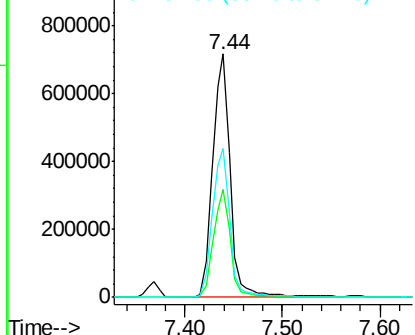
#23
Nitrobenzene-d5
Concen: 77.238 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 894415
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 60.9 41.4 62.2

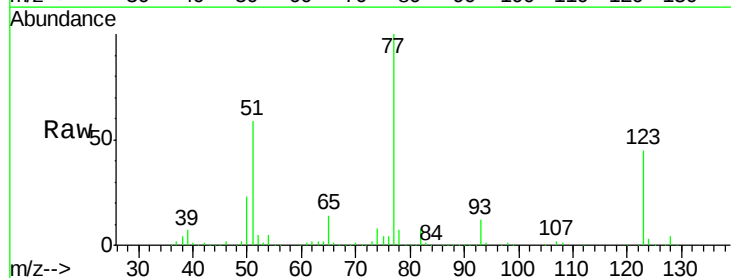


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

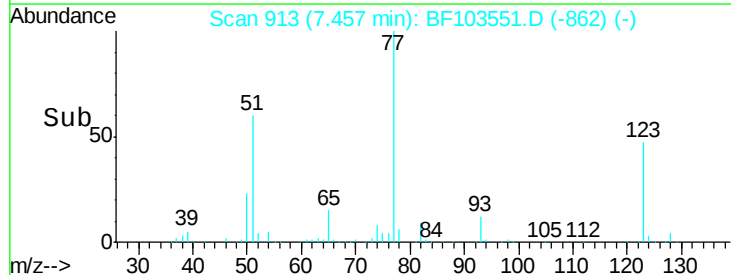
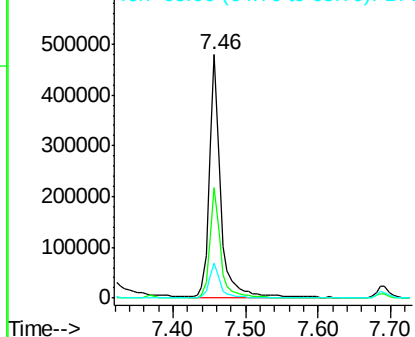


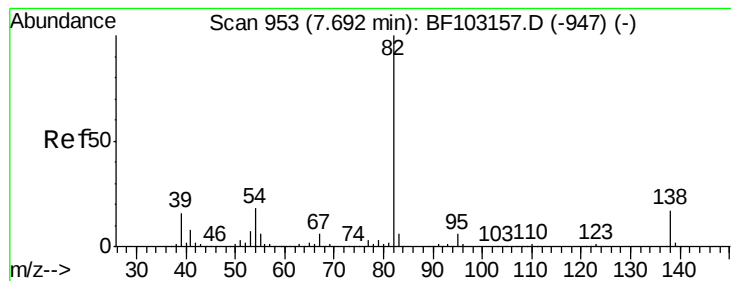
#24
Nitrobenzene
Concen: 40.242 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion: 77 Resp: 513065
Ion Ratio Lower Upper
77 100
123 45.3 37.9 56.9
65 14.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.460 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

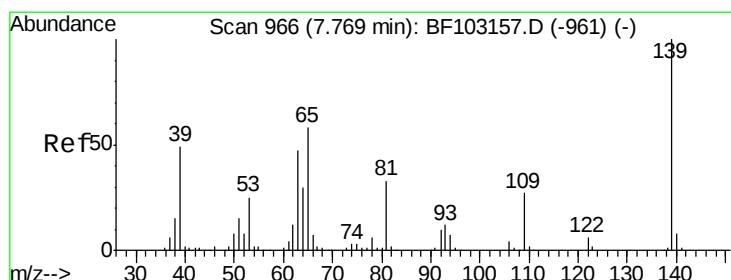
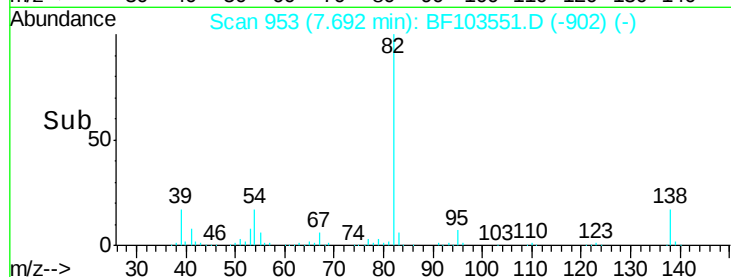
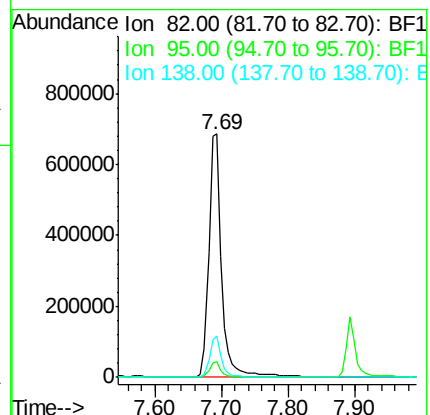
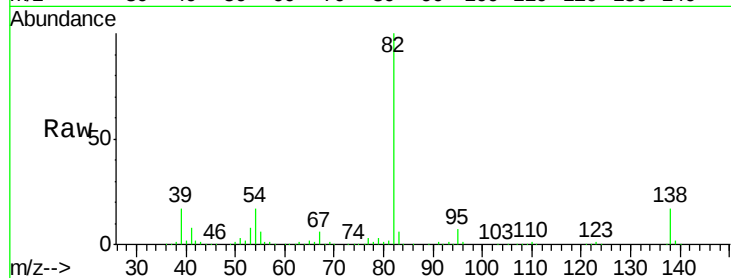
Tot Ion: 82 Resp: 899963

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.8 14.9 22.3



#26

2-Nitrophenol

Concen: 39.727 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

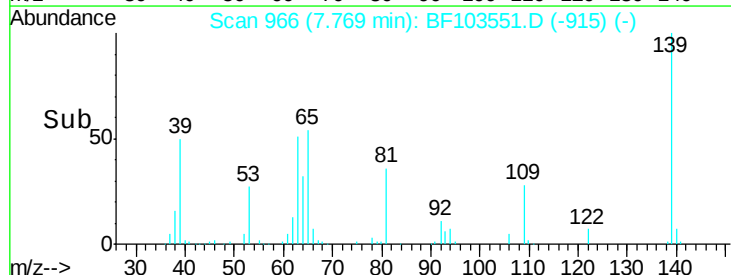
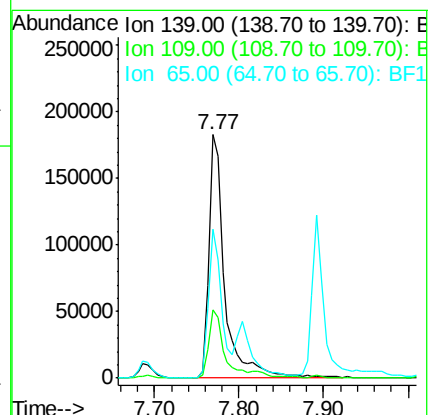
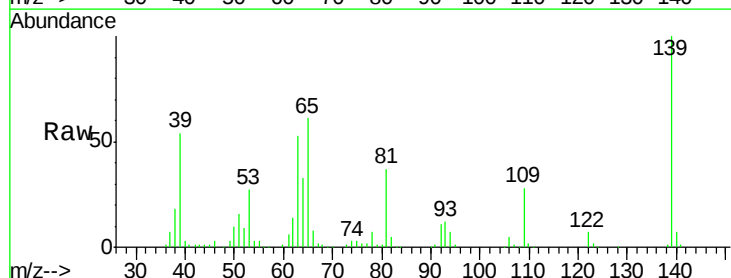
Tgt Ion: 139 Resp: 238444

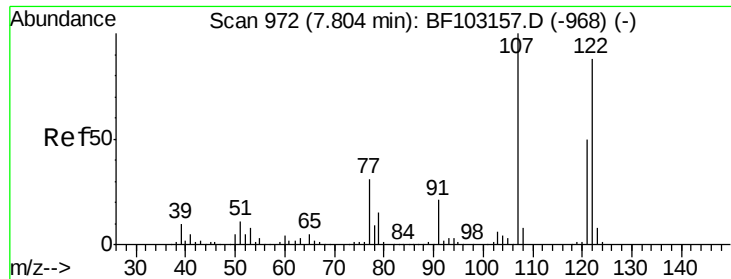
Ion Ratio Lower Upper

139 100

109 28.2 22.7 34.1

65 61.2 40.5 60.7#

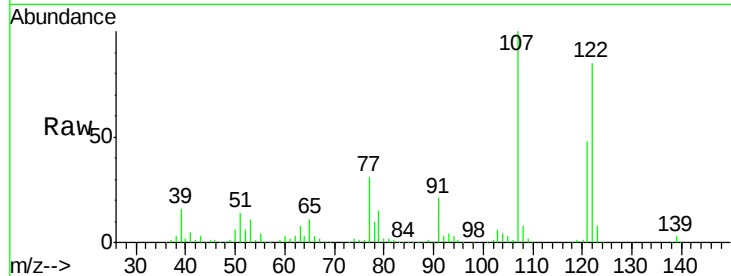




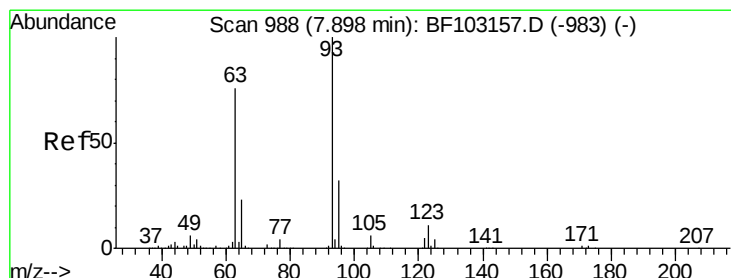
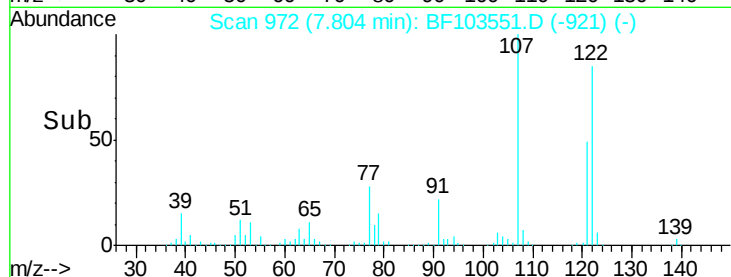
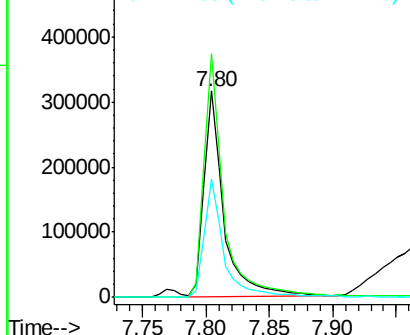
#27
2,4-Dimethylphenol
Concen: 37.424 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 343335
Ion Ratio Lower Upper
122 100
107 118.1 91.2 136.8
121 57.1 47.2 70.8

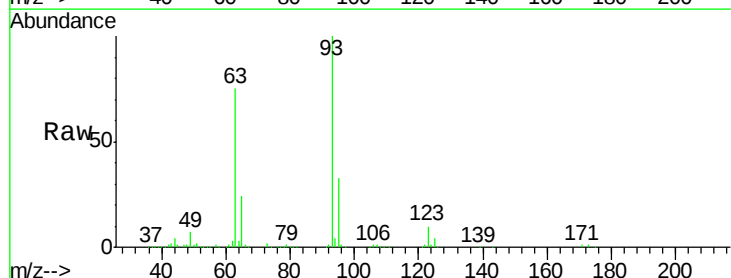


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

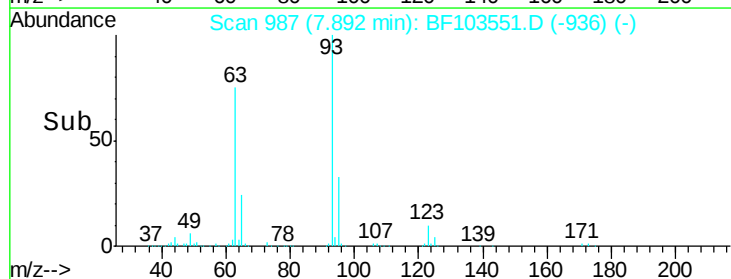
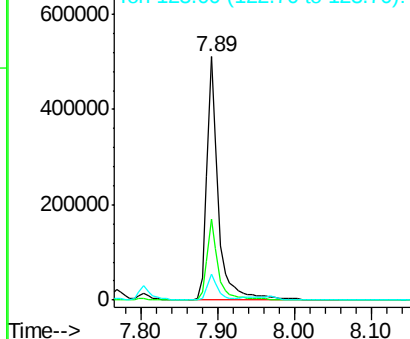


#28
bis(2-Chloroethoxy)methane
Concen: 39.371 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion: 93 Resp: 527926
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 10.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

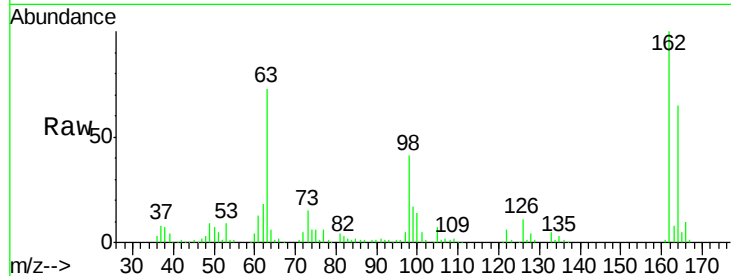




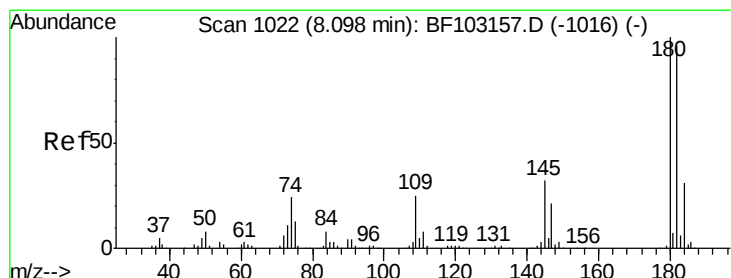
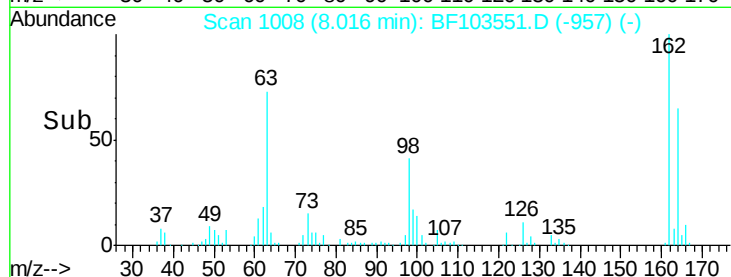
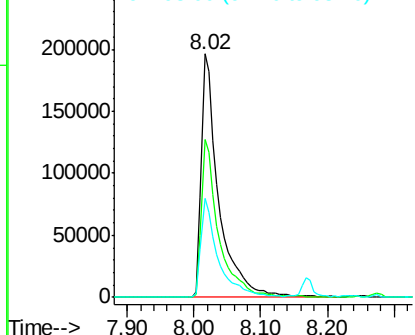
#29
2,4-Dichlorophenol
Concen: 39.795 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 349541
Ion Ratio Lower Upper
162 100
164 65.0 42.7 82.7
98 40.9 18.1 58.1

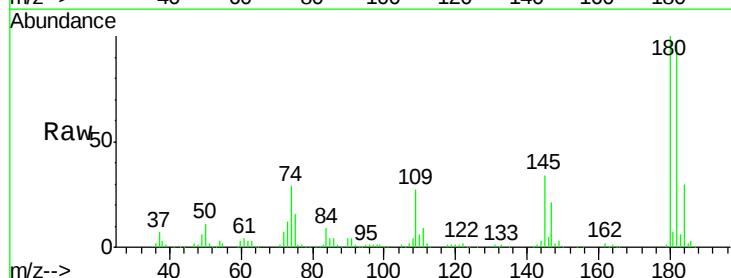


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

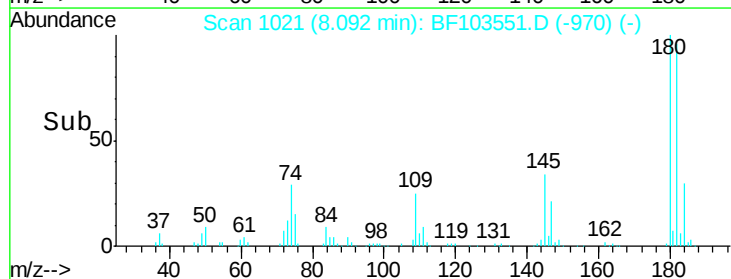
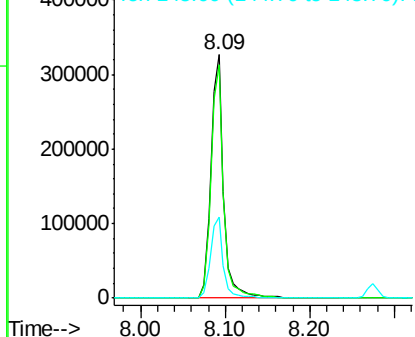


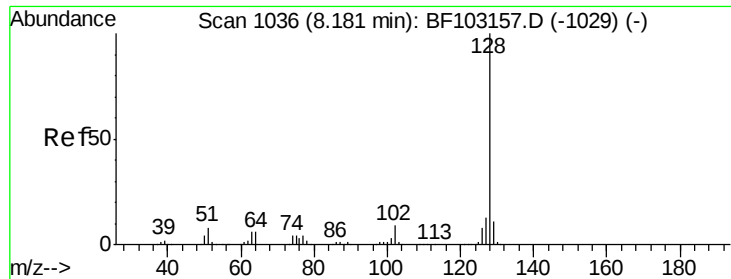
#30
1,2,4-Trichlorobenzene
Concen: 37.161 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:180 Resp: 347584
Ion Ratio Lower Upper
180 100
182 95.7 76.8 115.2
145 33.5 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

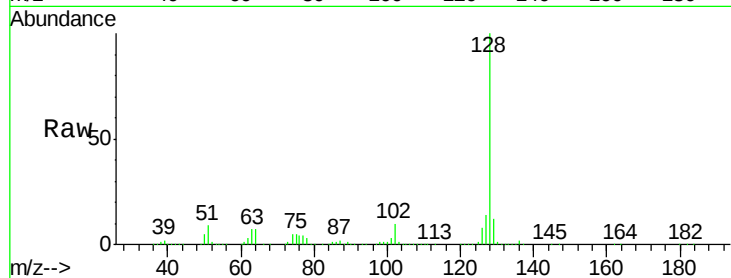




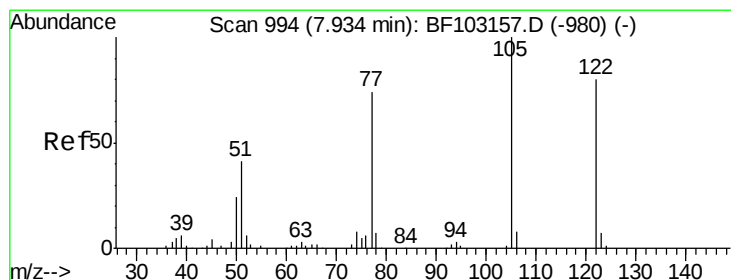
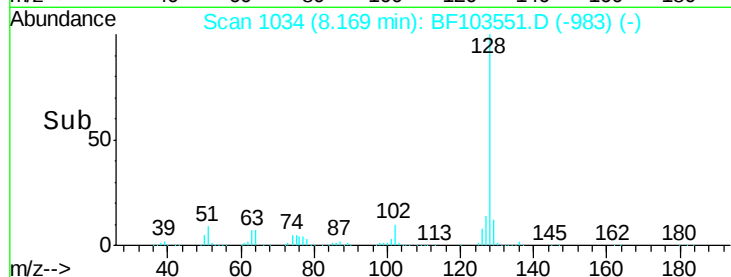
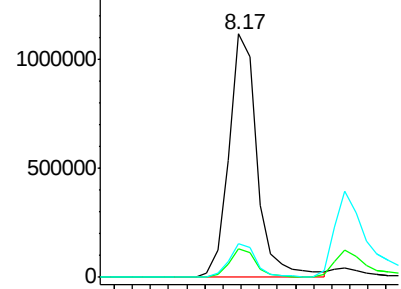
#31
Naphthalene
Concen: 37.279 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1206983
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.6 10.9 16.3

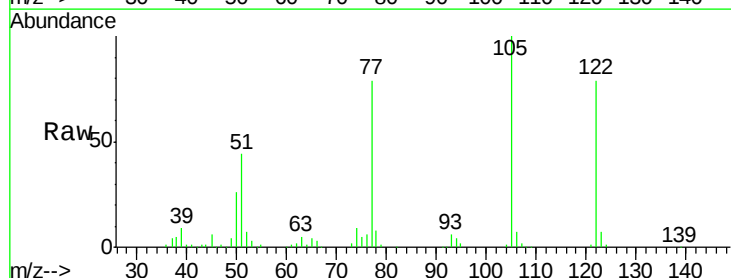


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

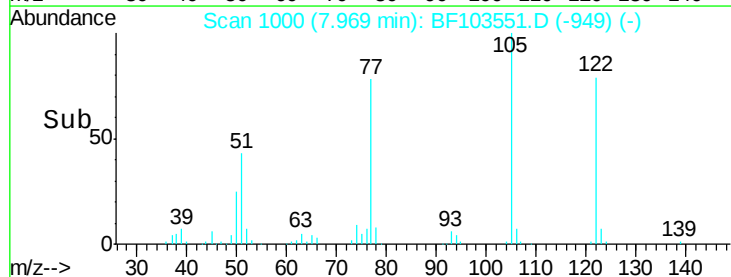
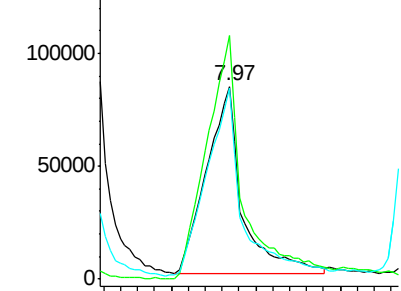


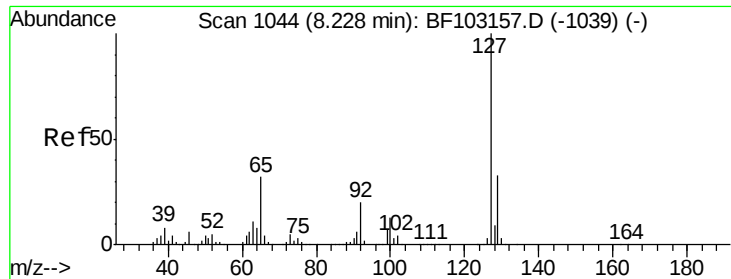
#32
Benzoic acid
Concen: 37.582 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:122 Resp: 243865
Ion Ratio Lower Upper
122 100
105 126.4 101.1 141.1
77 99.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
150000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

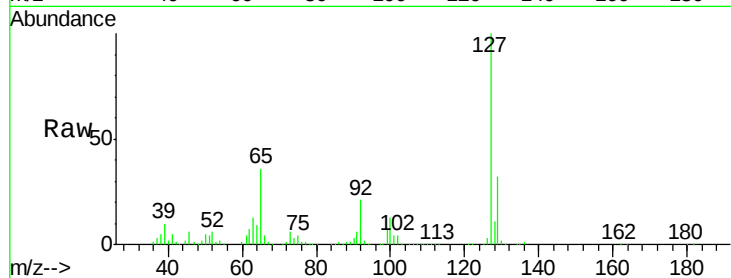




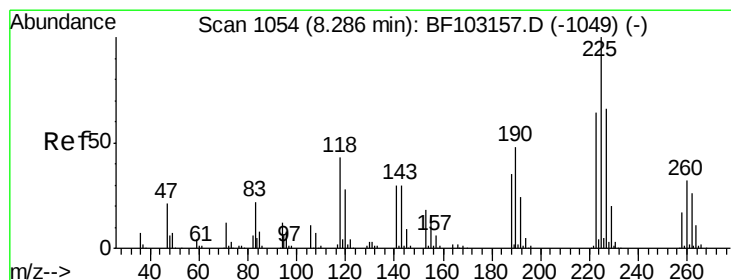
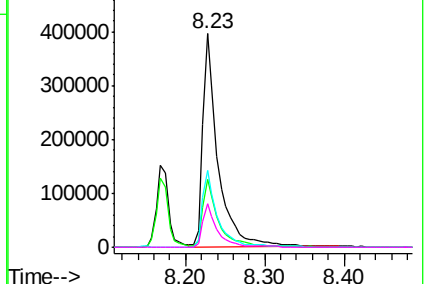
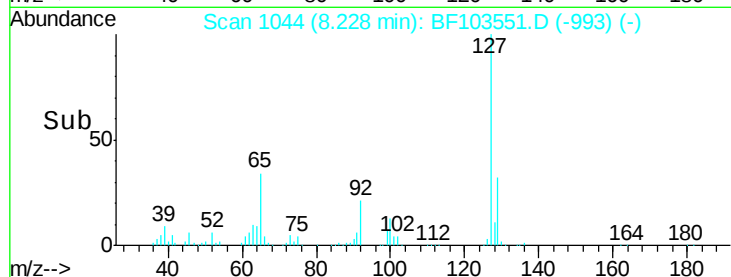
#33
4-Chloroaniline
Concen: 38.491 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	537768
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	35.9	25.0	37.4
92	20.6	15.2	22.8

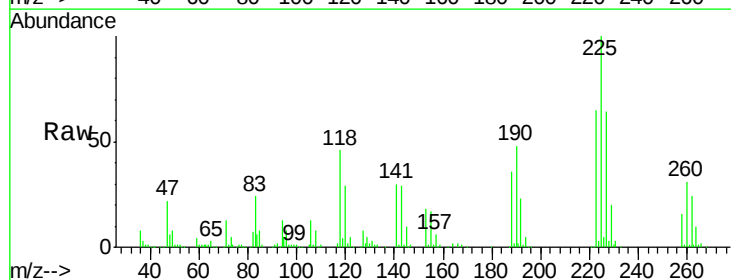


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

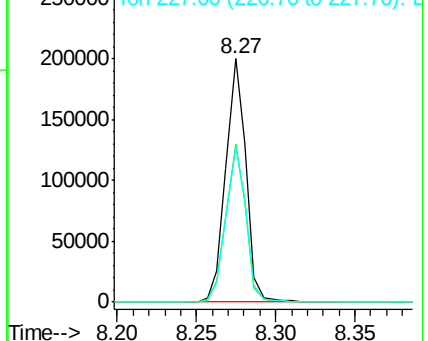
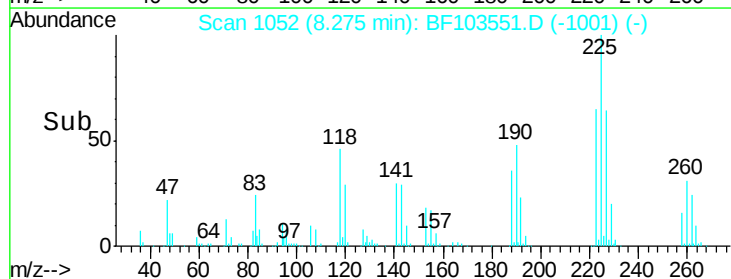


#34
Hexachlorobutadiene
Concen: 36.200 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:	225	Resp:	176321
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	63.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.353 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampled :

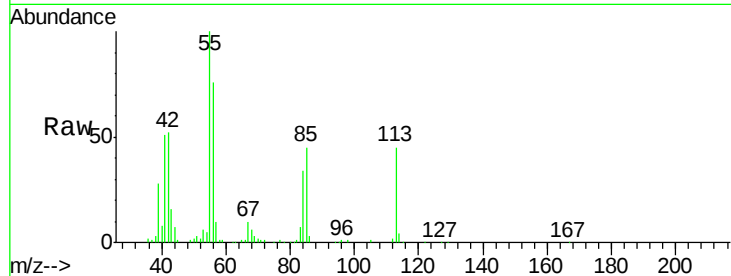
Tot Ion:113 Resp: 112222

Ion Ratio Lower Upper

113 100

55 223.1 163.3 203.3#

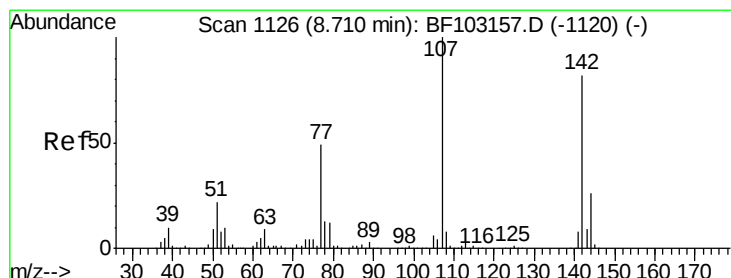
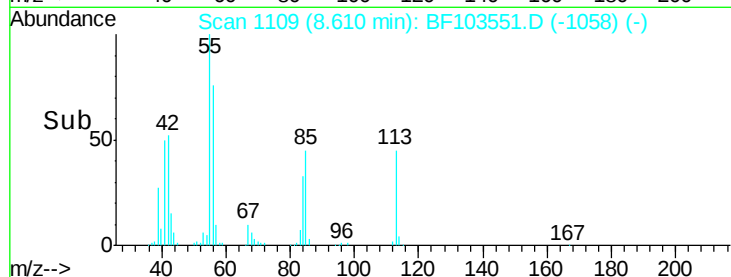
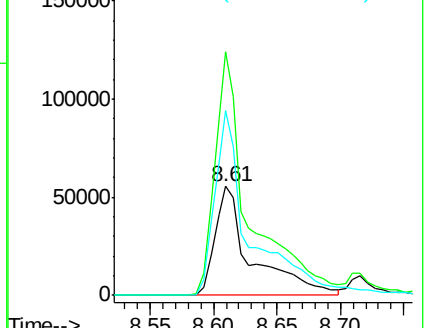
56 169.8 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.359 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

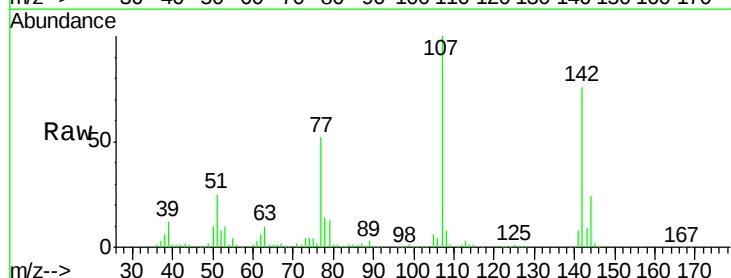
Tgt Ion:107 Resp: 389933

Ion Ratio Lower Upper

107 100

144 24.3 20.5 30.7

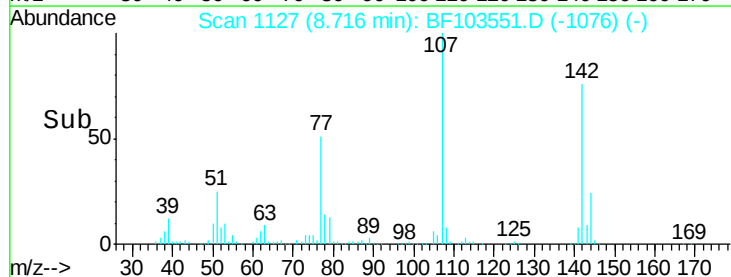
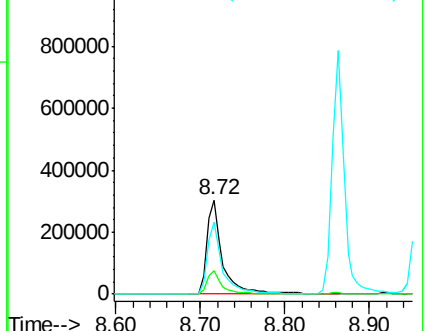
142 76.5 62.0 93.0

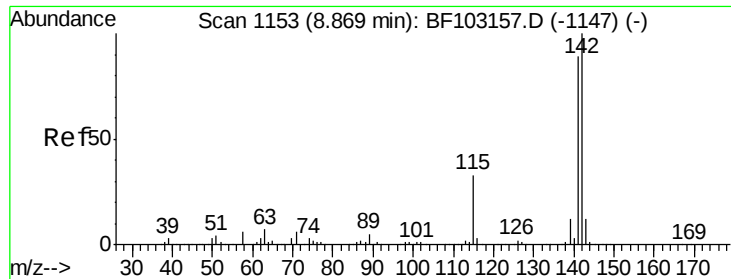


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

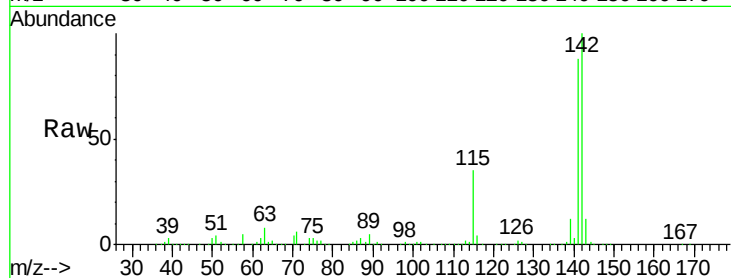




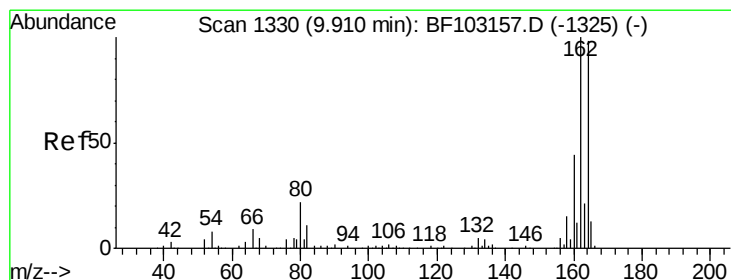
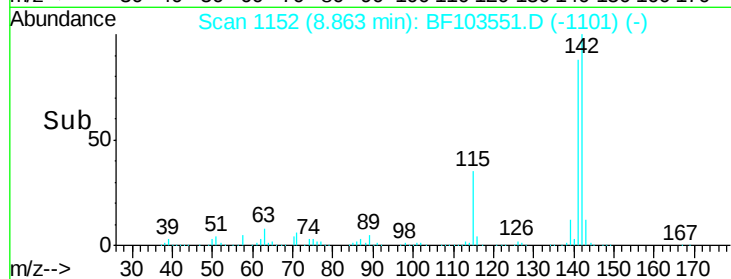
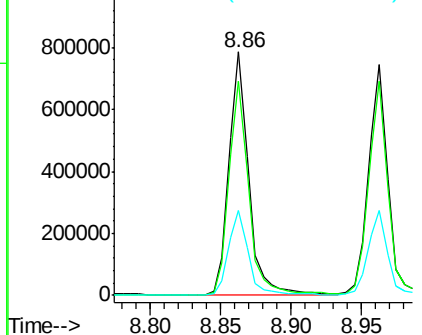
#37
2-Methylnaphthalene
Concen: 36.910 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 772317
Ion Ratio Lower Upper
142 100
141 88.0 70.8 106.2
115 34.9 26.1 39.1

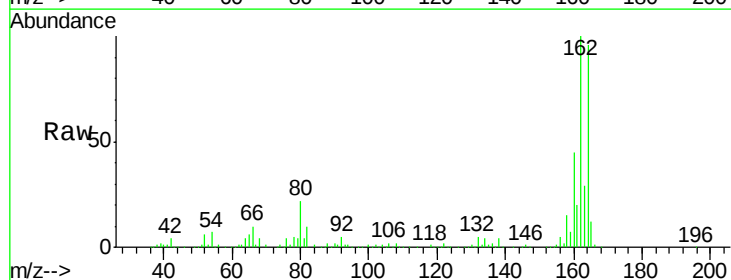


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

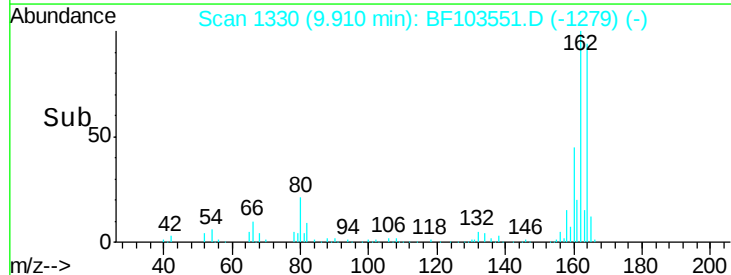
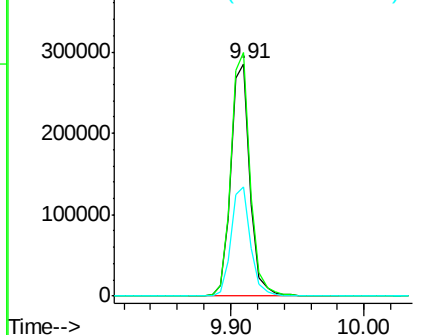


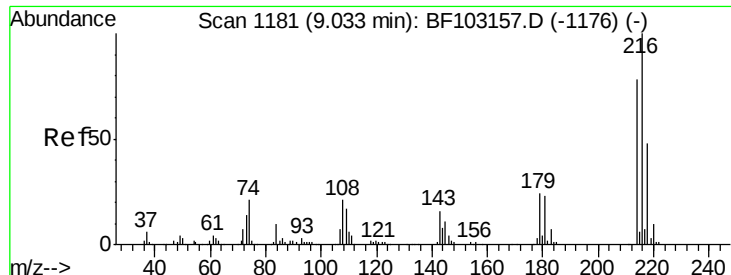
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:164 Resp: 289921
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 47.0 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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.653 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 298435

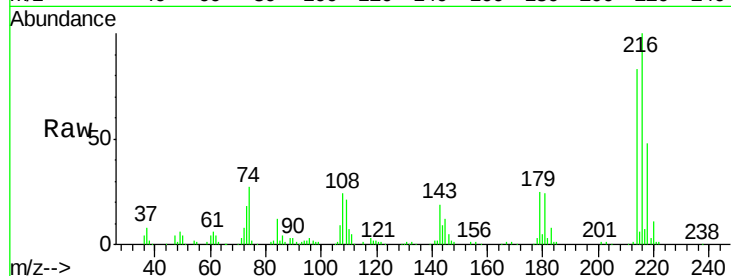
Ion Ratio Lower Upper

216 100

214 81.6 63.0 94.4

179 24.1 18.1 27.1

108 24.8 17.2 25.8

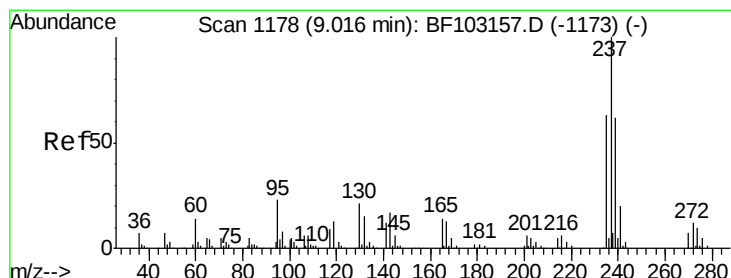
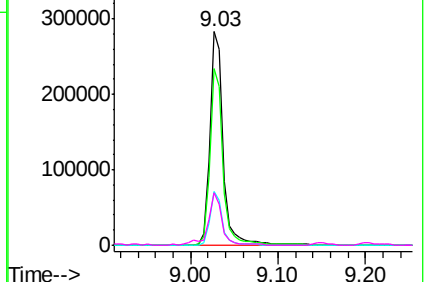
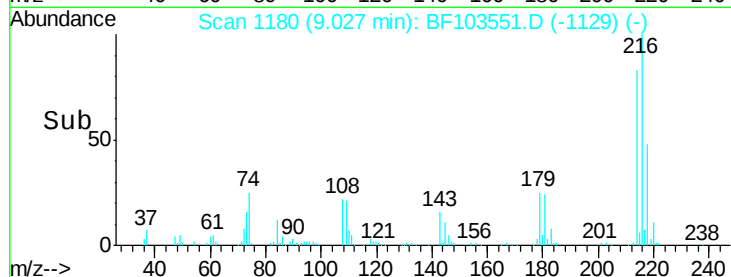


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.084 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

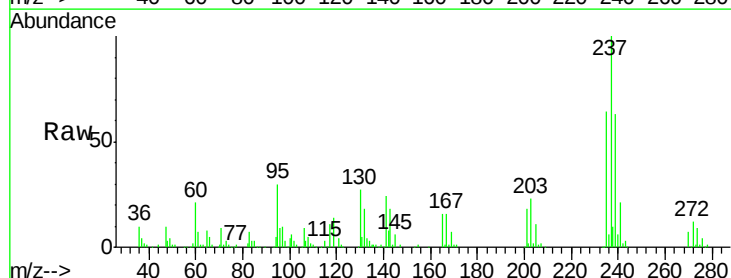
Tgt Ion:237 Resp: 91771

Ion Ratio Lower Upper

237 100

235 63.9 44.8 84.8

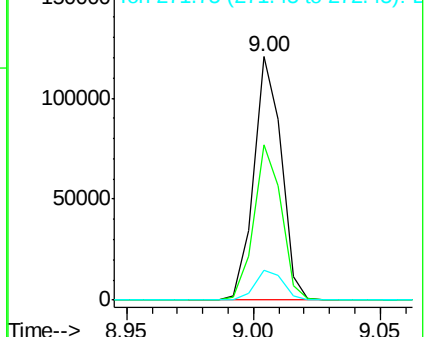
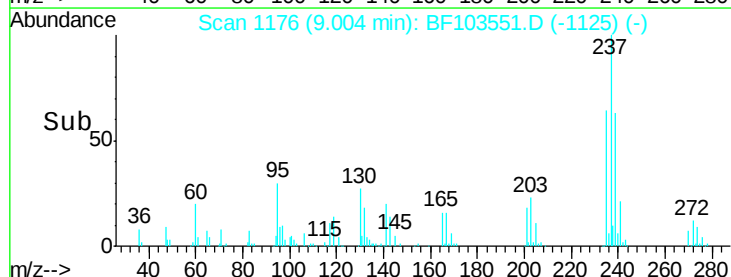
272 12.0 0.0 33.3

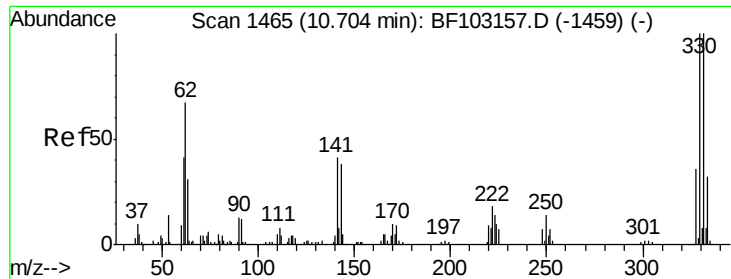


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

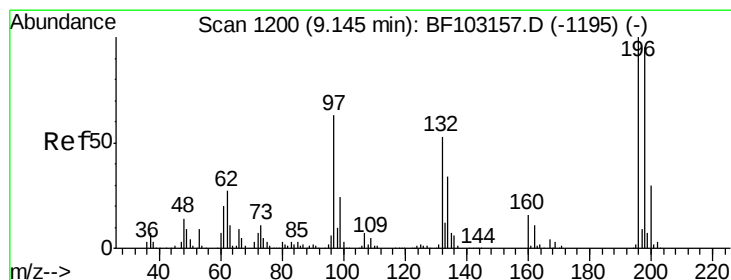
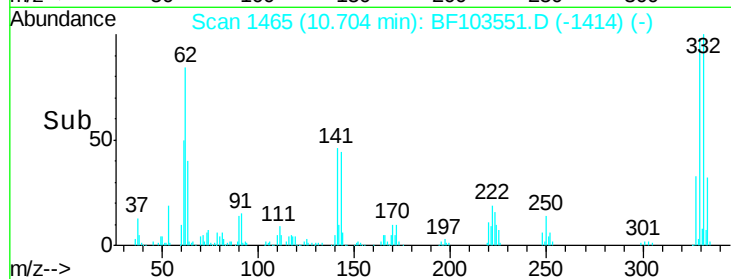
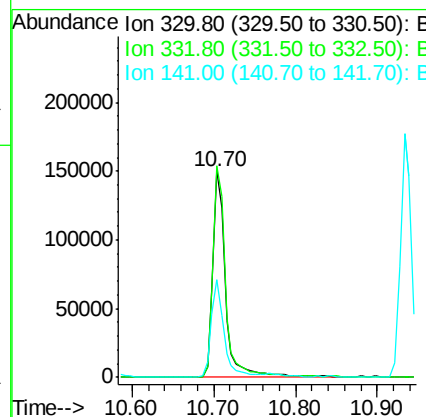
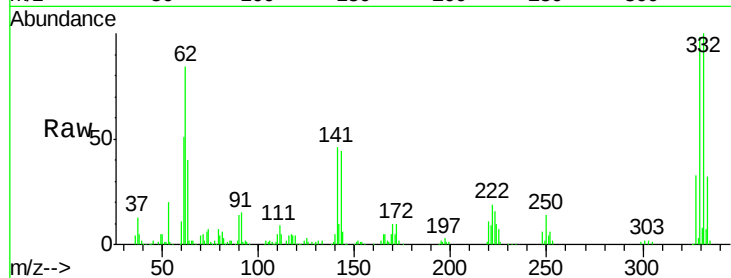




#41
 2,4,6-Tribromophenol
 Concen: 66.446 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

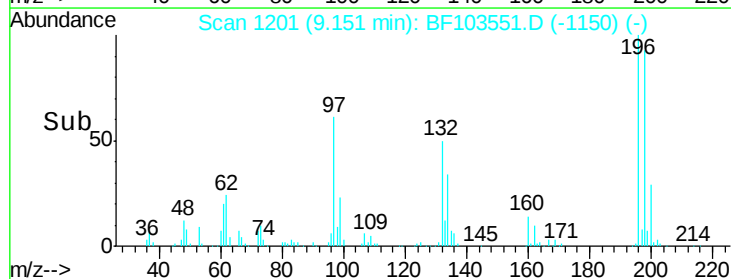
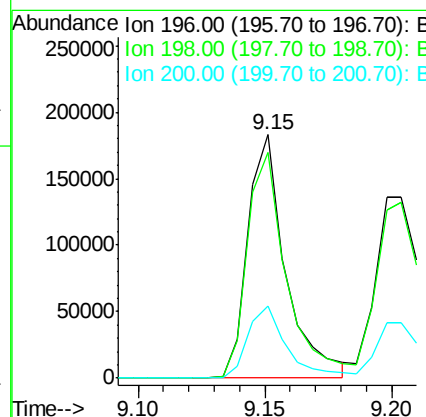
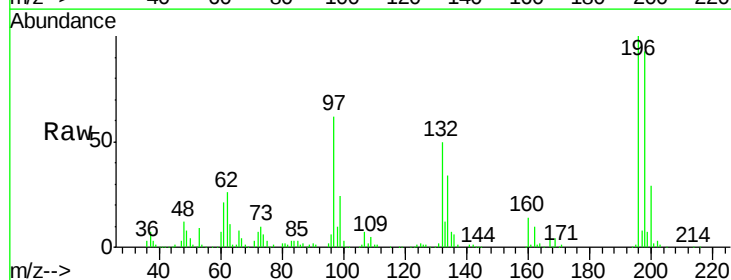
Instrument :
 BNA_F
 ClientSampled :

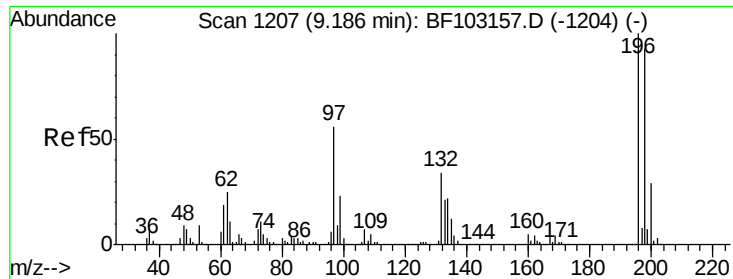
Tot Ion:330 Resp: 163059
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 47.3 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 35.587 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion:196 Resp: 189790
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.7 113.5
 200 29.5 24.5 36.7

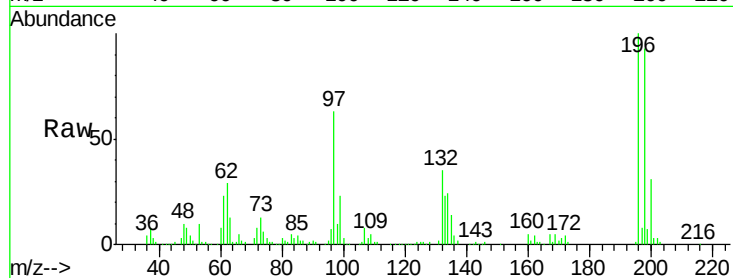




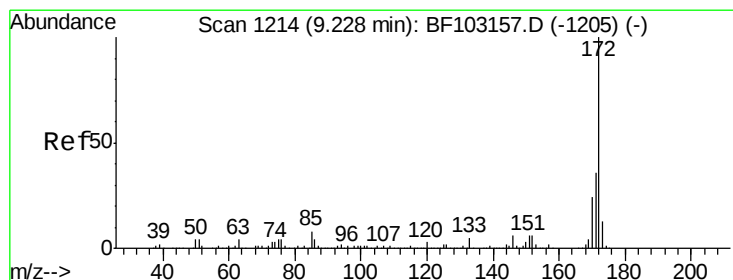
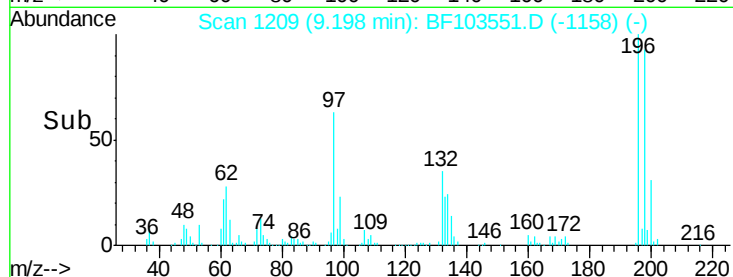
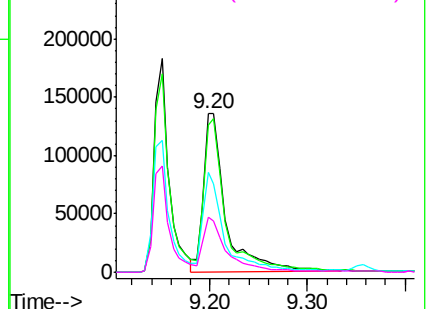
#43
 2,4,5-Trichlorophenol
 Concen: 34.622 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 212369
 Ion Ratio Lower Upper
 196 100
 198 92.9 74.6 112.0
 97 62.9 42.9 64.3
 132 35.0 26.3 39.5

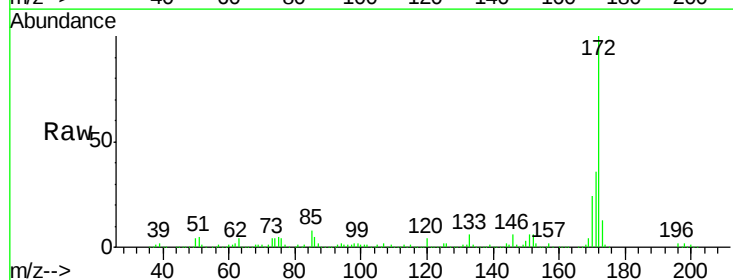


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

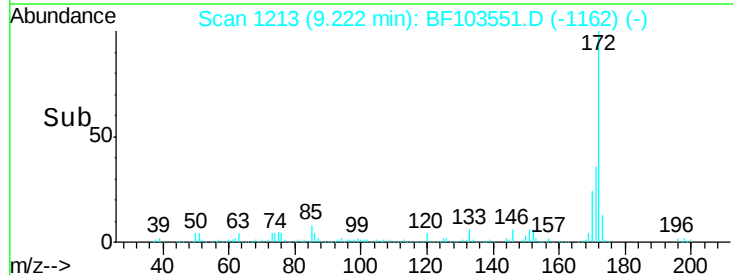
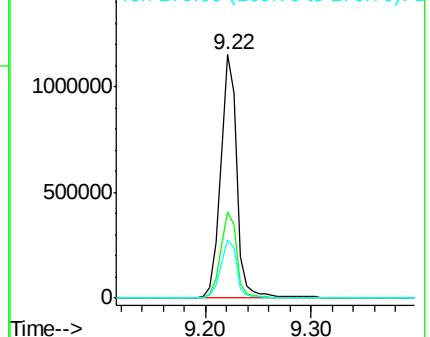


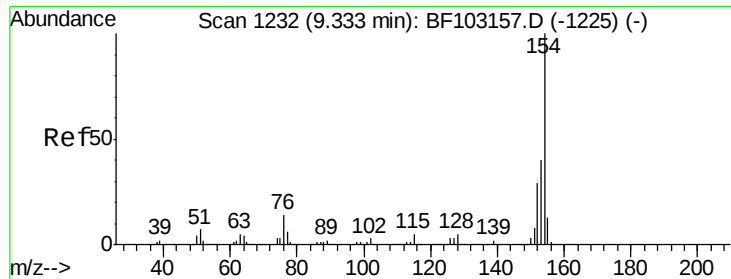
#44
 2-Fluorobiphenyl
 Concen: 72.605 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion:172 Resp: 1265512
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.7 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

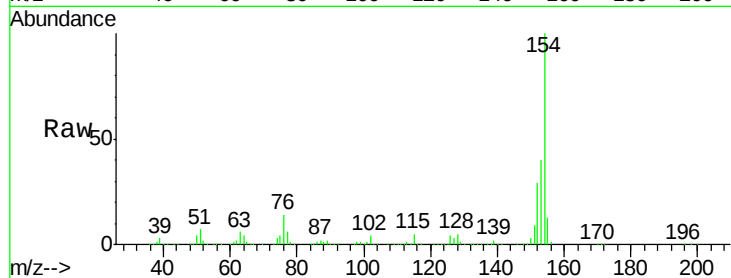




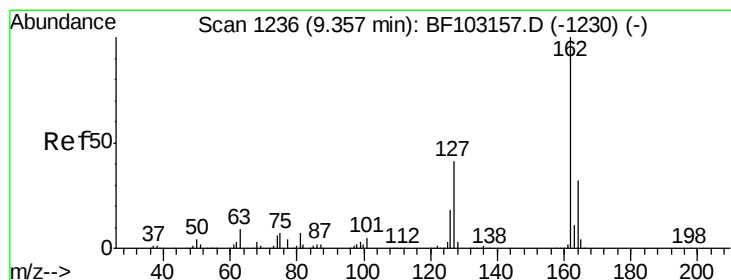
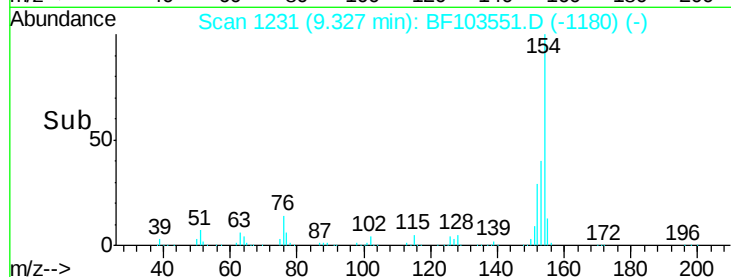
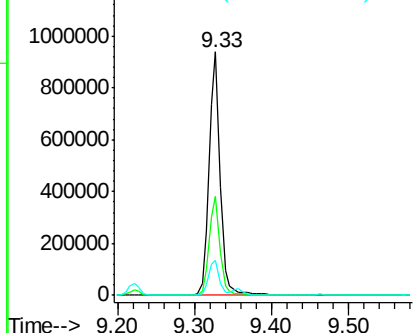
#45
 1,1'-Biphenyl
 Concen: 38.173 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 927365
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 14.1 0.0 34.0

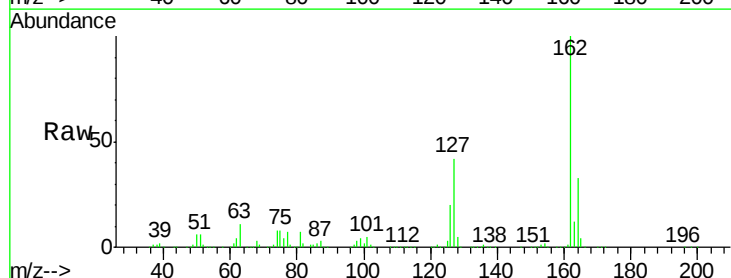


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

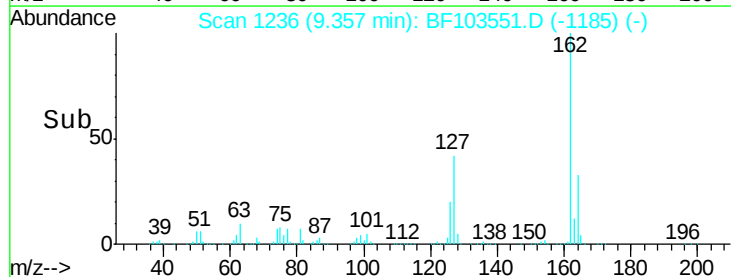
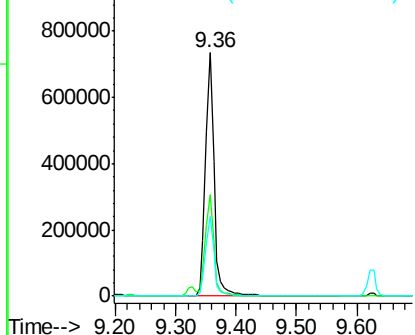


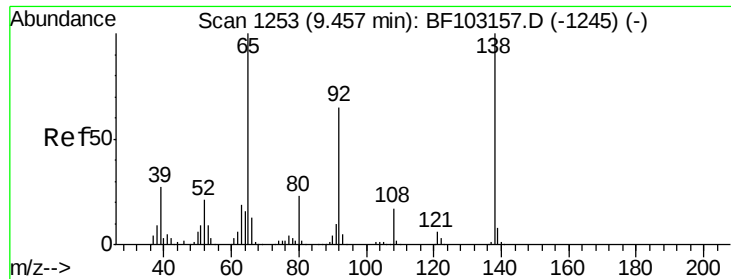
#46
 2-Chloronaphthalene
 Concen: 38.493 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion:162 Resp: 739828
 Ion Ratio Lower Upper
 162 100
 127 41.9 33.9 50.9
 164 32.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

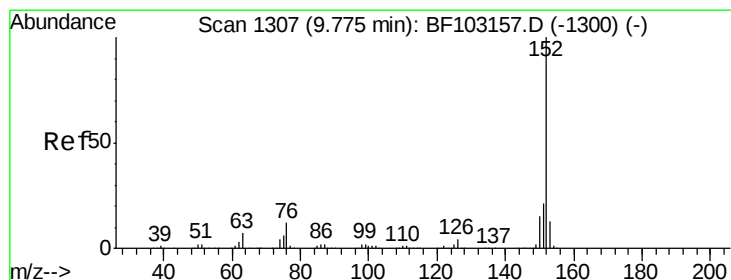
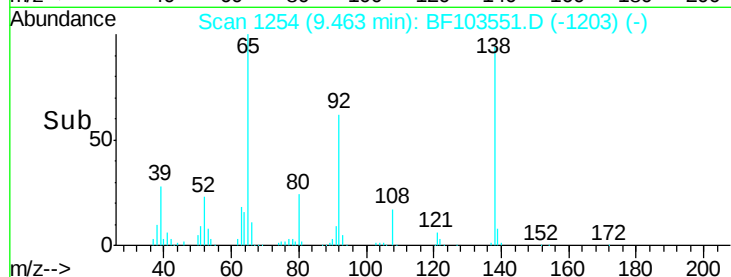
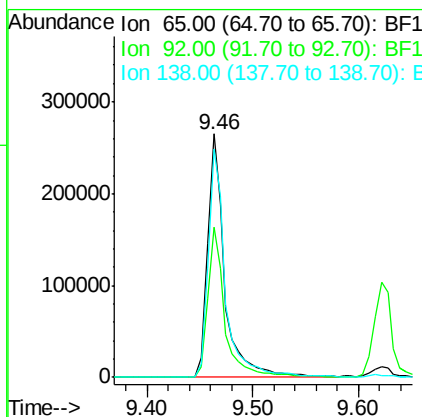
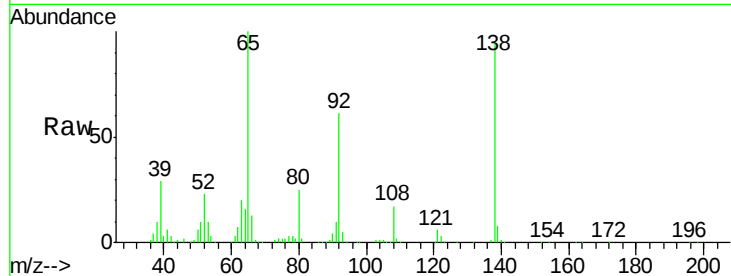




#47
2-Nitroaniline
Concen: 42.426 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

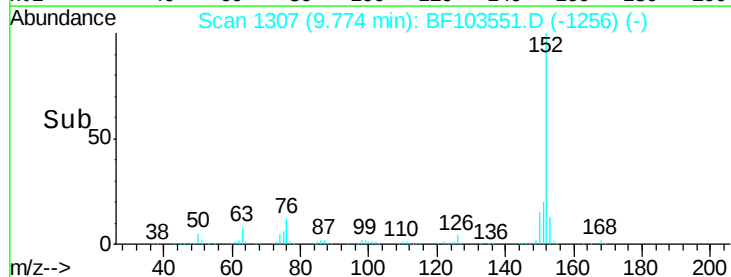
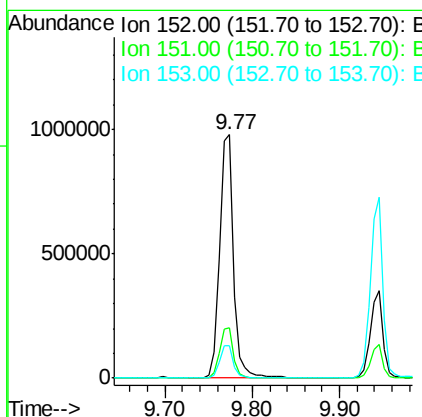
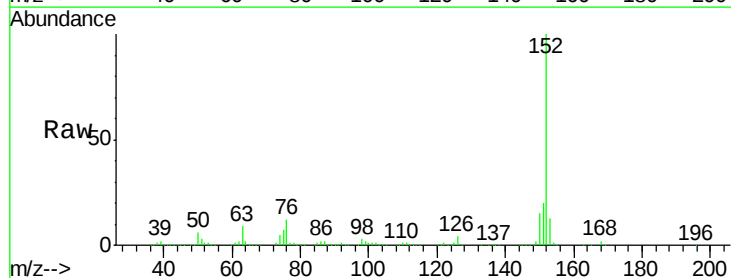
Instrument :
BNA_F
ClientSampleId :

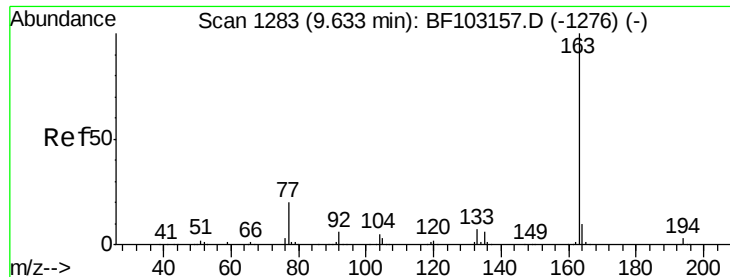
Tot Ion: 65 Resp: 302047
Ion Ratio Lower Upper
65 100
92 61.4 55.8 83.6
138 93.7 91.2 136.8



#48
Acenaphthylene
Concen: 36.604 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion: 152 Resp: 1082436
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.2 10.7 16.1

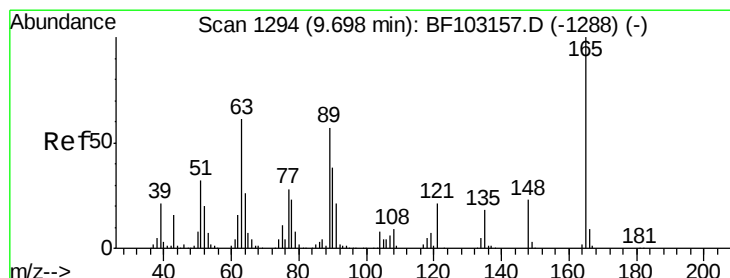
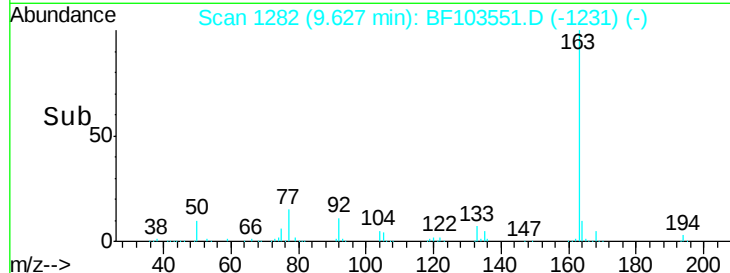
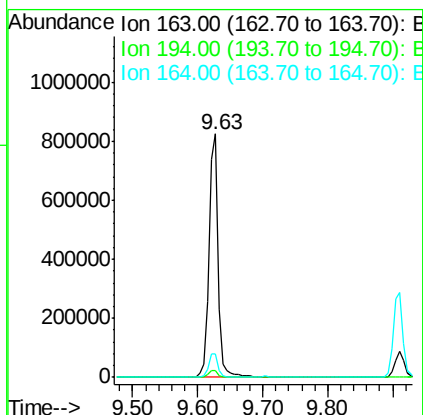
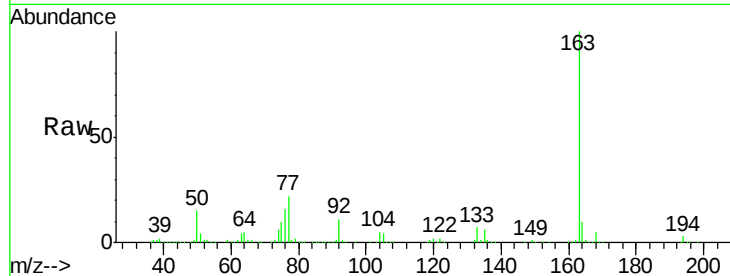




#49
Dimethylphthalate
Concen: 34.276 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

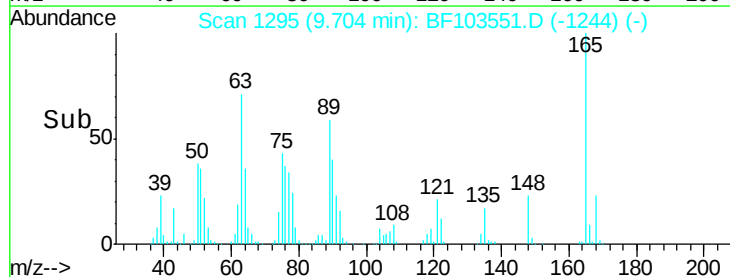
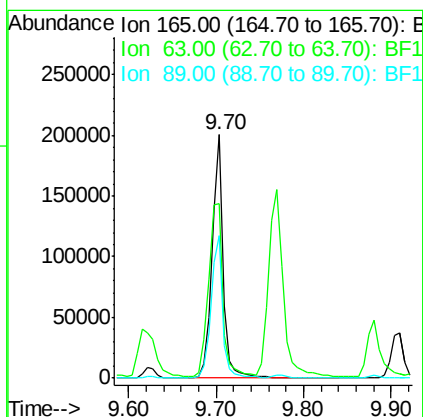
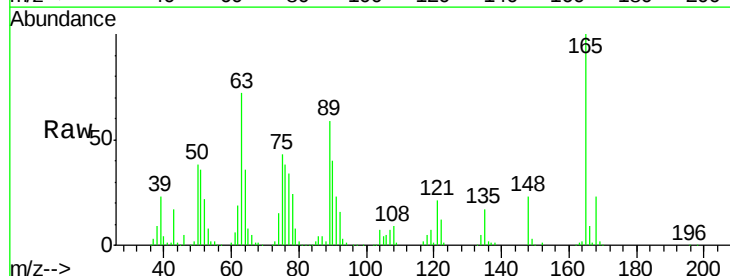
Instrument :
BNA_F
ClientSampled :

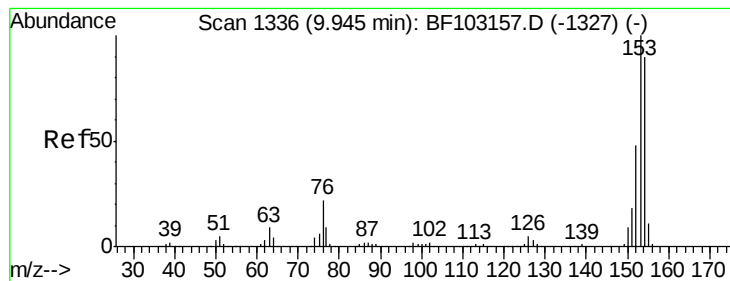
Tot Ion:163 Resp: 797183
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 9.7 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 36.292 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:165 Resp: 177131
Ion Ratio Lower Upper
165 100
63 71.8 44.7 67.1#
89 58.6 44.0 66.0





#51

Acenaphthene

Concen: 36.619 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampled :

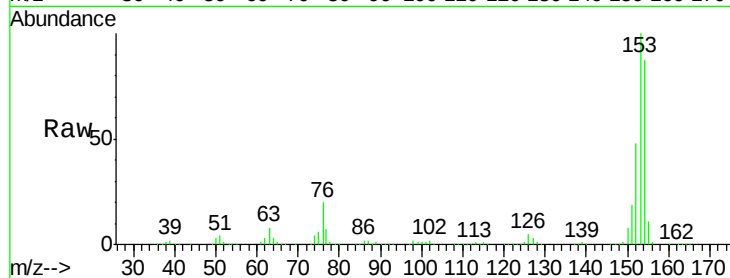
Tot Ion:154 Resp: 631440

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

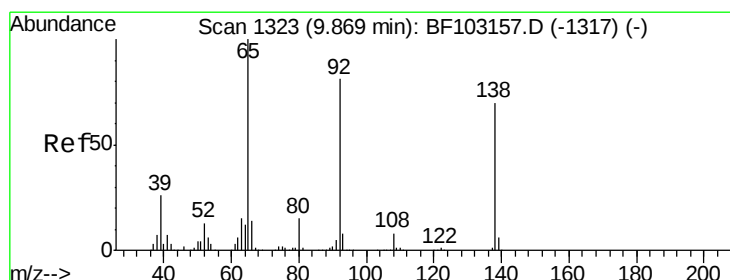
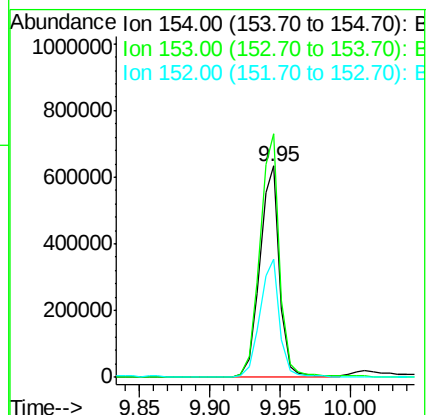
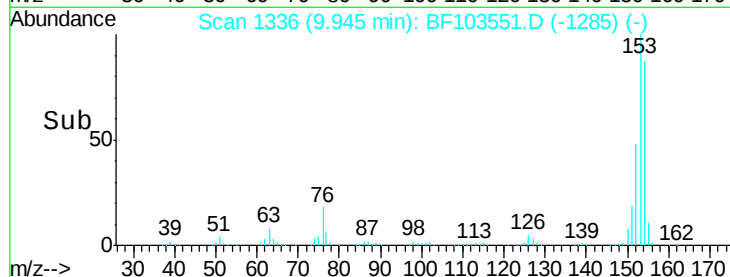
152 55.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.416 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

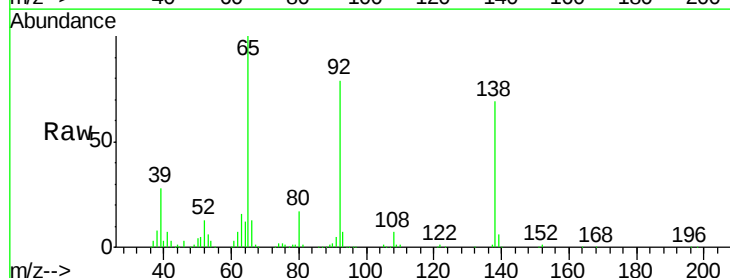
Tgt Ion:138 Resp: 237885

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

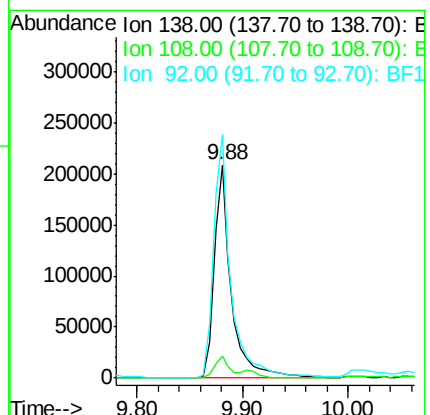
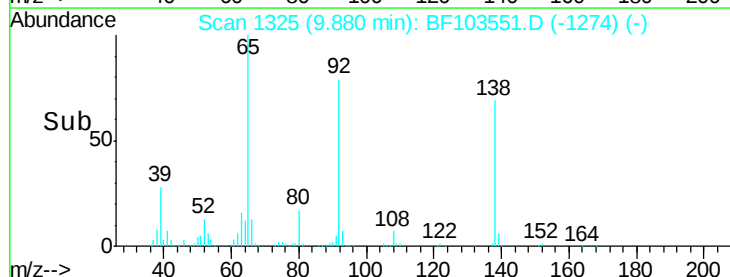
92 114.2 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

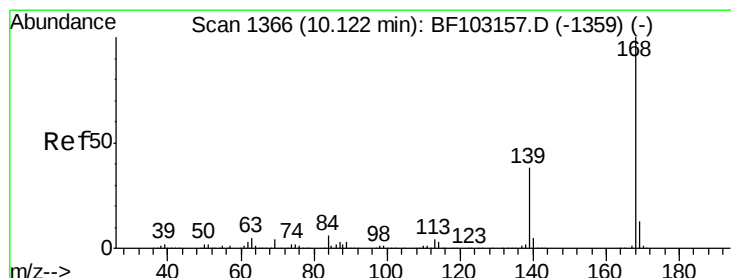
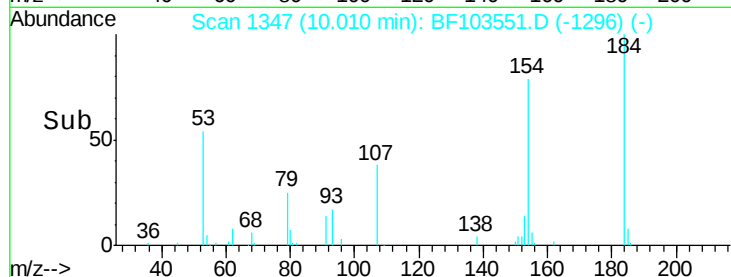
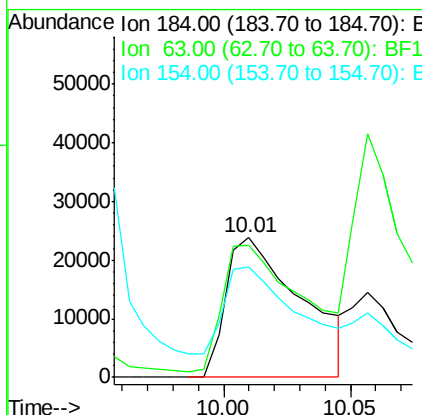
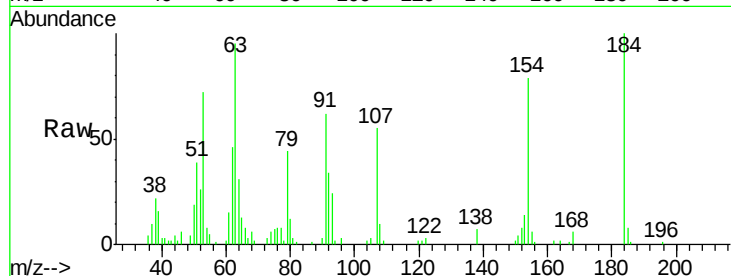




#53
2,4-Dinitrophenol
Concen: 34.015 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

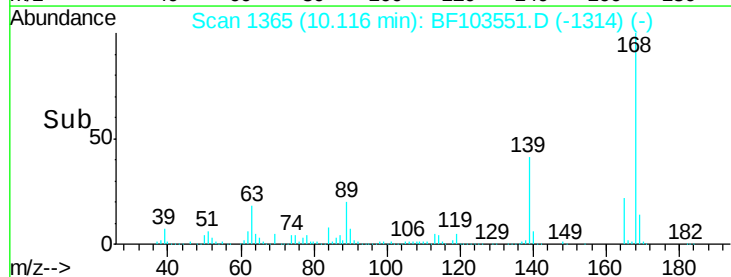
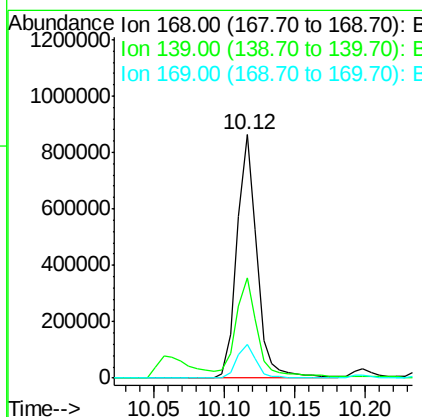
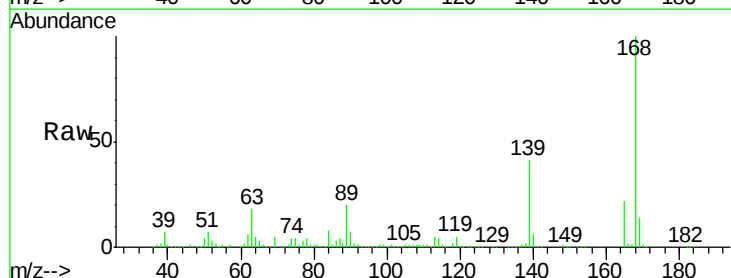
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 48886
Ion Ratio Lower Upper
184 100
63 95.0 54.2 81.2#
154 78.7 184.0 276.0#



#54
Dibenzofuran
Concen: 35.921 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:168 Resp: 850281
Ion Ratio Lower Upper
168 100
139 41.2 30.1 45.1
169 13.8 10.9 16.3

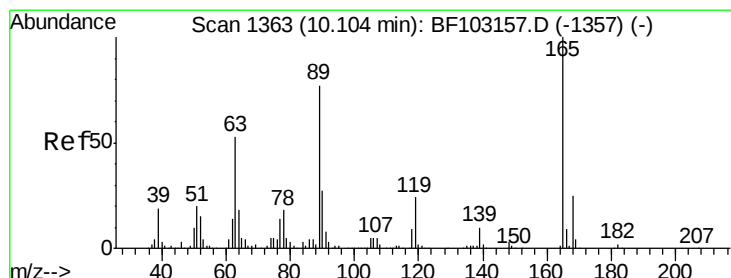
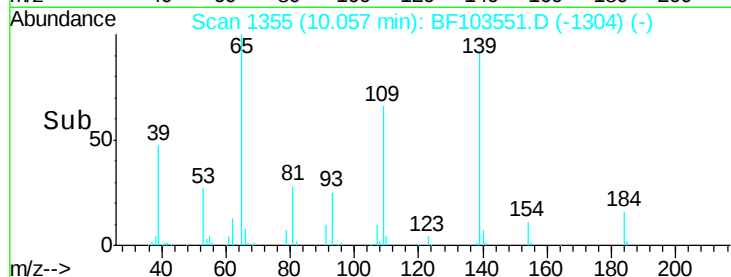
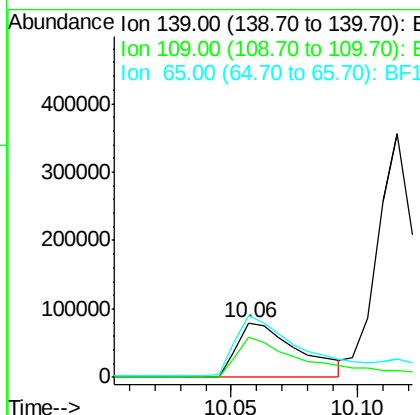
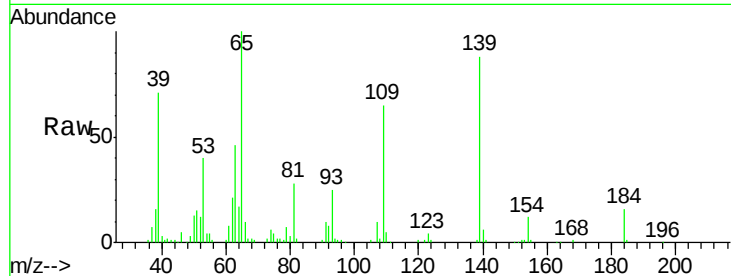




#55
4-Nitrophenol
Concen: 35.011 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

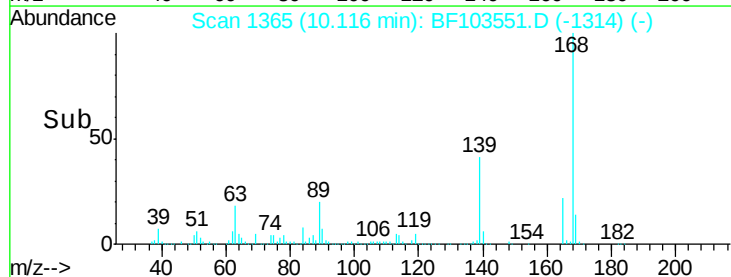
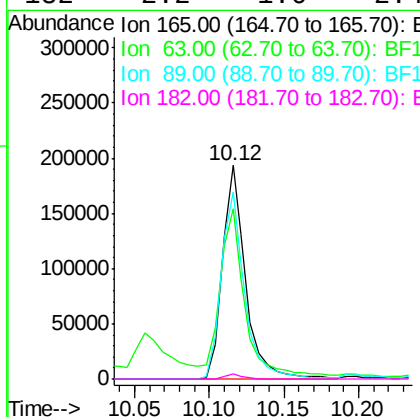
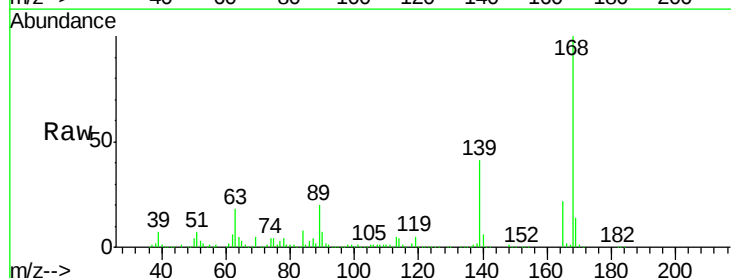
Instrument :
BNA_F
ClientSampled :

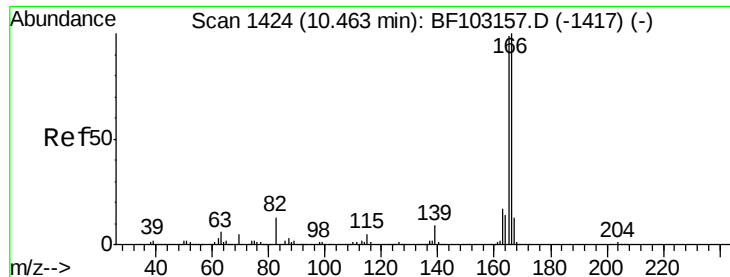
Tot Ion:139 Resp: 134368
Ion Ratio Lower Upper
139 100
109 74.1 48.4 88.4
65 113.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 34.230 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:165 Resp: 211296
Ion Ratio Lower Upper
165 100
63 79.8 36.4 54.6#
89 87.6 57.8 86.6#
182 2.2 1.6 2.4

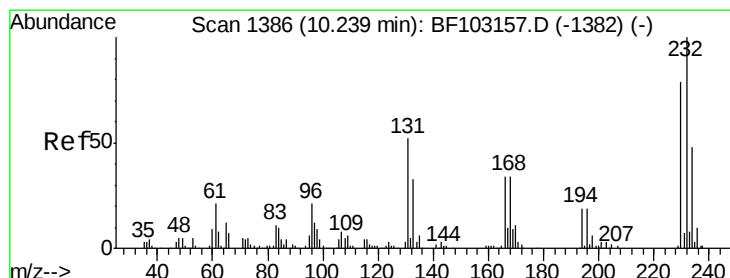
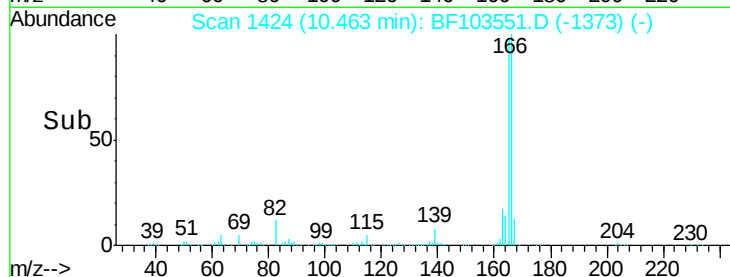
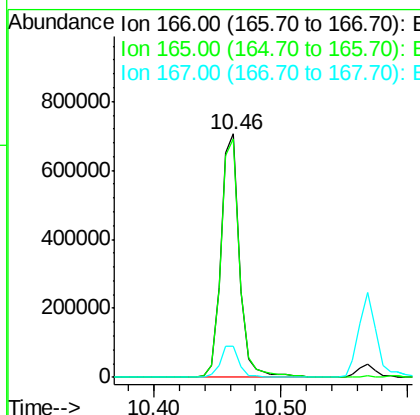
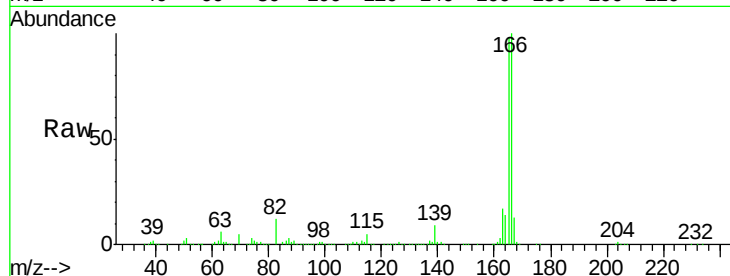




#57
Fluorene
 Concen: 35.750 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

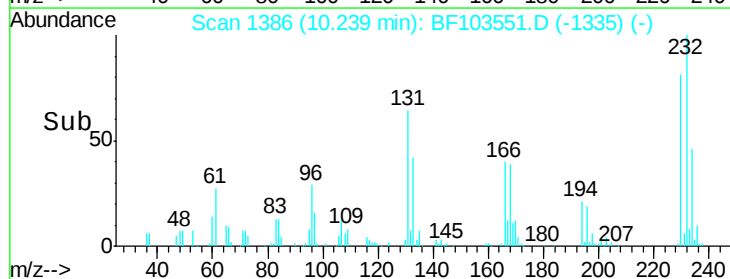
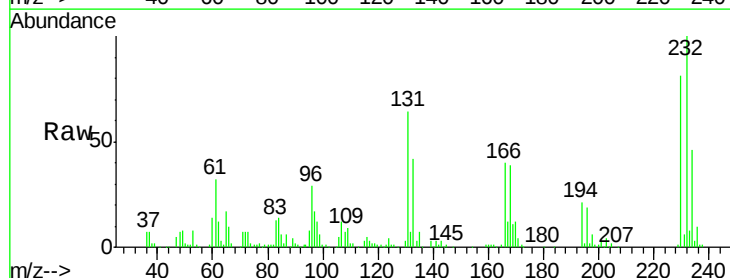
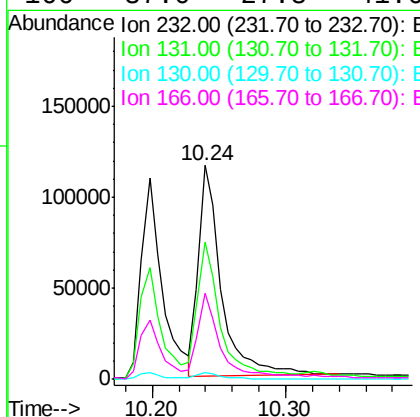
Instrument :
 BNA_F
 ClientSampled :

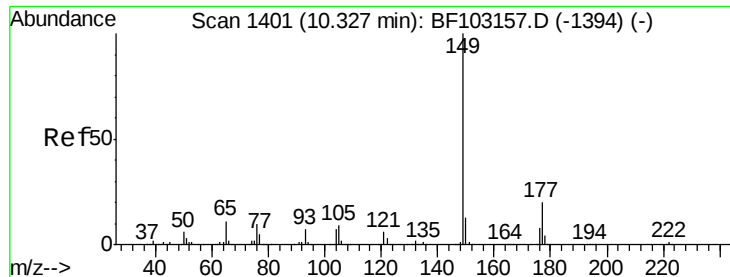
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	12.9	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.263 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	67.5	43.8	65.8#
130	3.5	2.1	3.1#
166	37.0	27.8	41.6

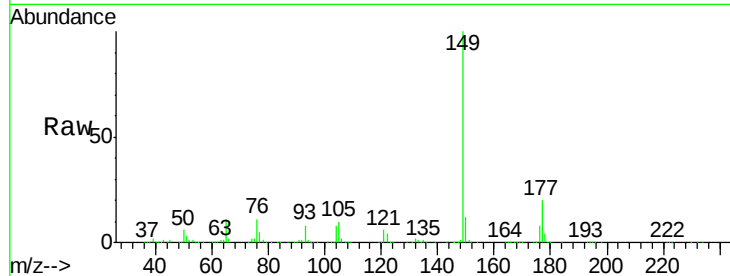




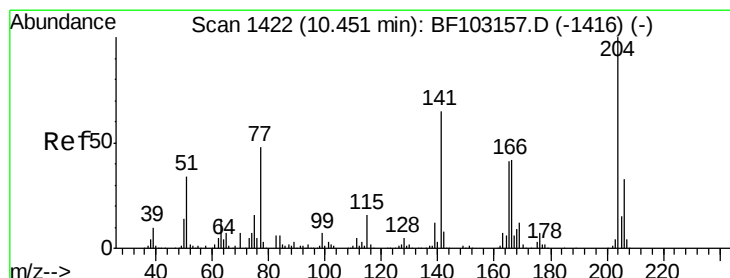
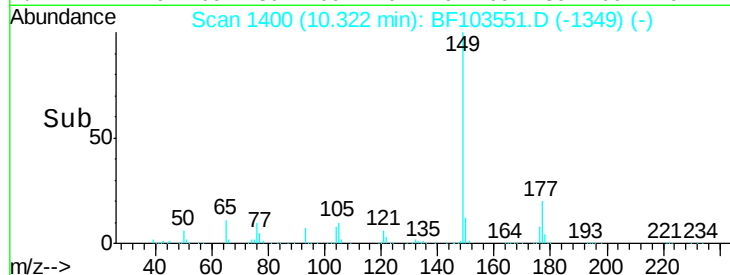
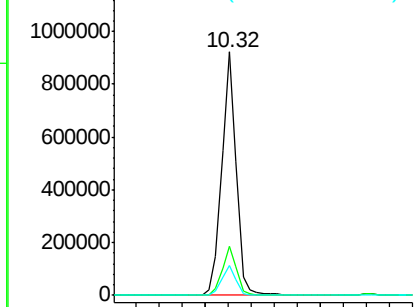
#59
Diethylphthalate
Concen: 36.200 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 805240
Ion Ratio Lower Upper
149 100
177 20.1 16.1 24.1
150 12.3 10.1 15.1

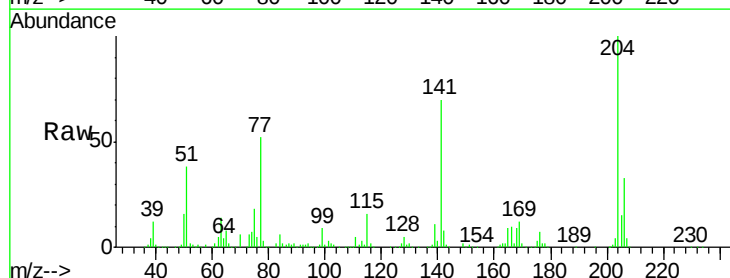


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

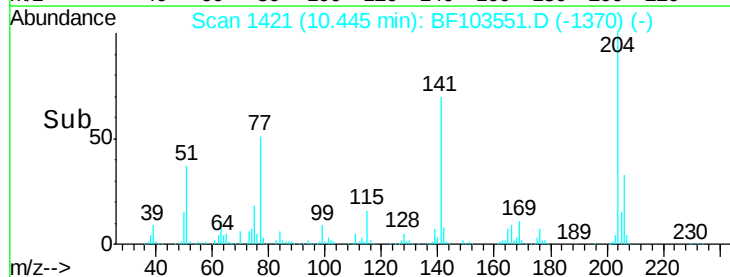
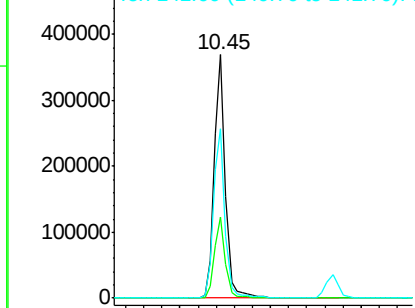


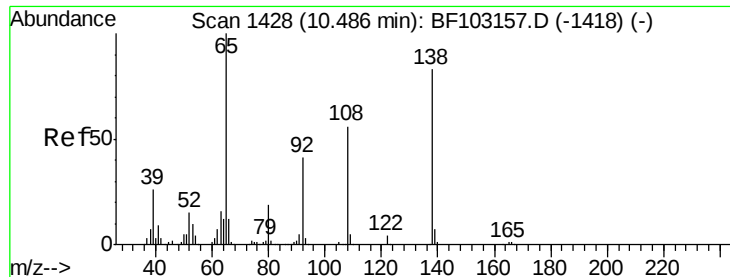
#60
4-Chlorophenyl-phenylether
Concen: 37.165 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:204 Resp: 317796
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 69.7 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

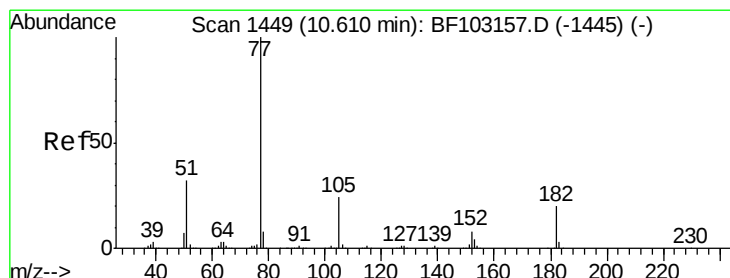
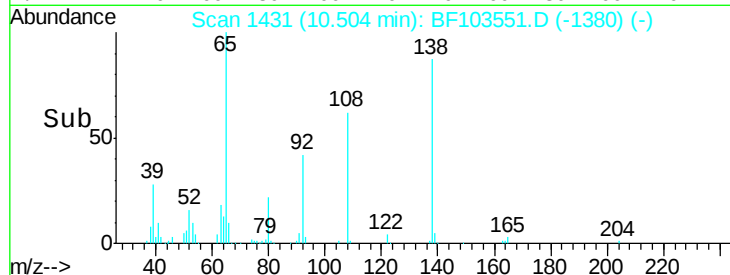
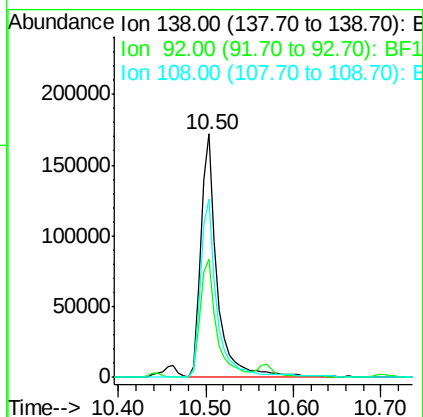
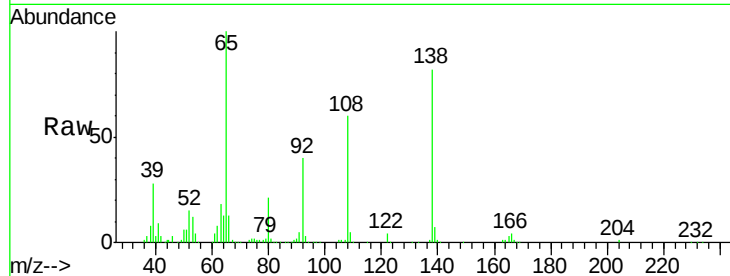




#61
4-Nitroaniline
Concen: 35.818 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

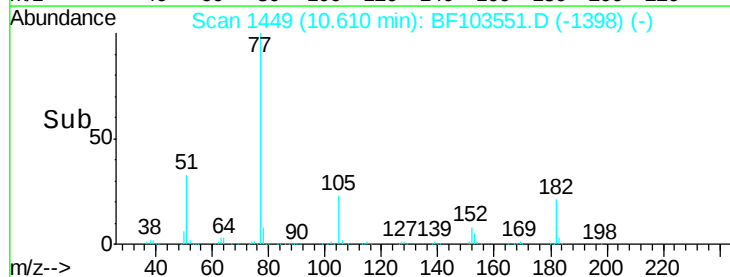
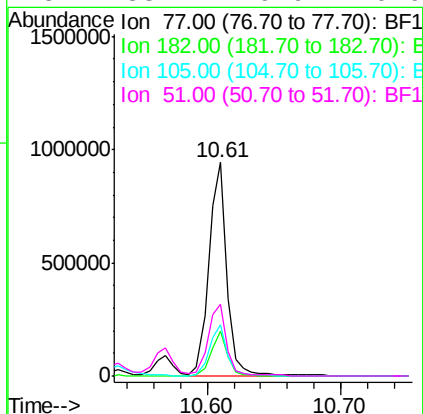
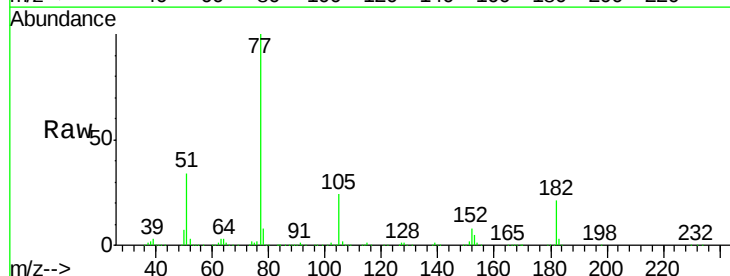
Instrument :
BNA_F
ClientSampled :

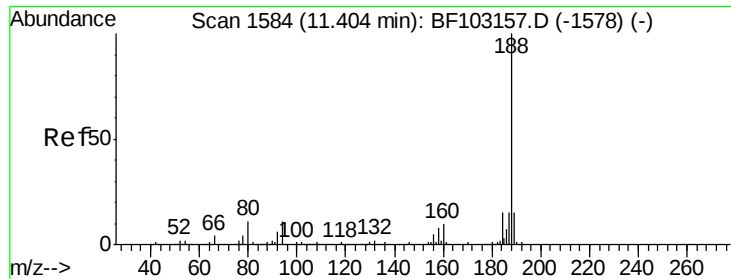
Tot Ion:138 Resp: 221536
Ion Ratio Lower Upper
138 100
92 48.7 30.2 70.2
108 73.5 52.5 92.5



#62
Azobenzene
Concen: 38.647 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion: 77 Resp: 875047
Ion Ratio Lower Upper
77 100
182 21.3 1.7 41.7
105 24.0 3.0 43.0
51 33.7 9.9 49.9

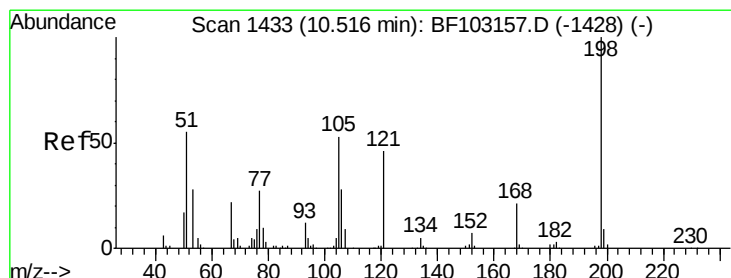
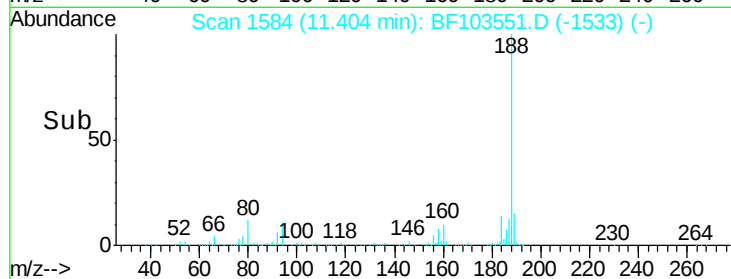
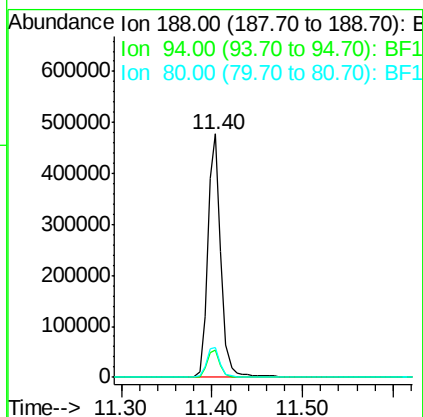
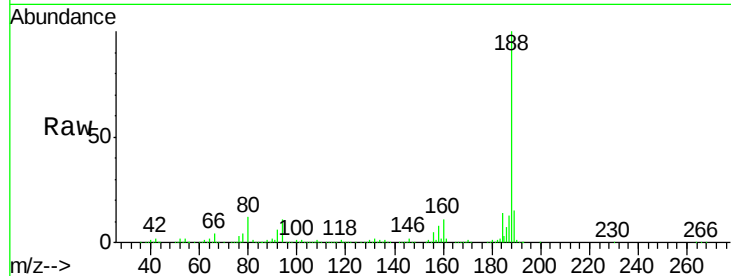




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

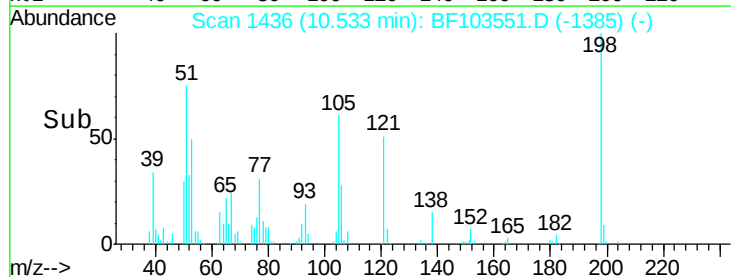
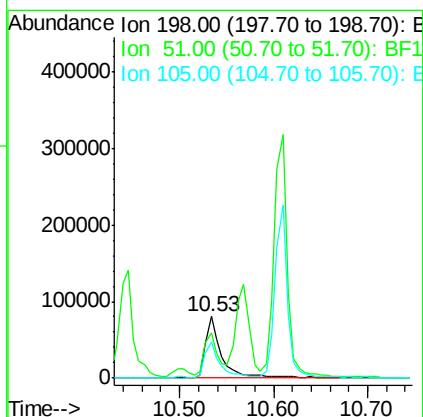
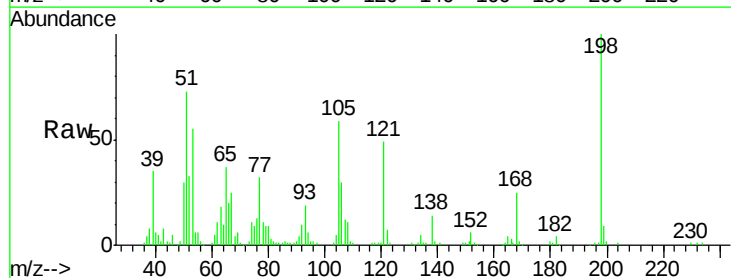
Instrument :
BNA_F
ClientSampleId :

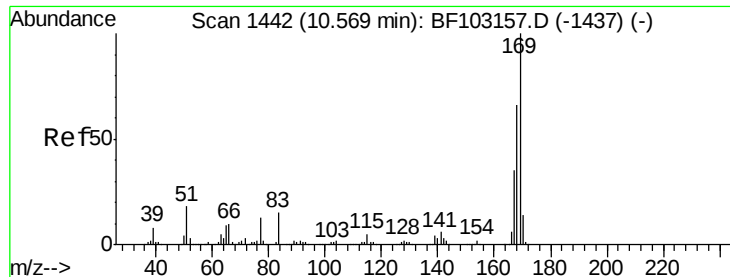
Tot Ion:188 Resp: 485816
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 34.476 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:198 Resp: 97318
Ion Ratio Lower Upper
198 100
51 72.9 37.7 77.7
105 58.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 37.402 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

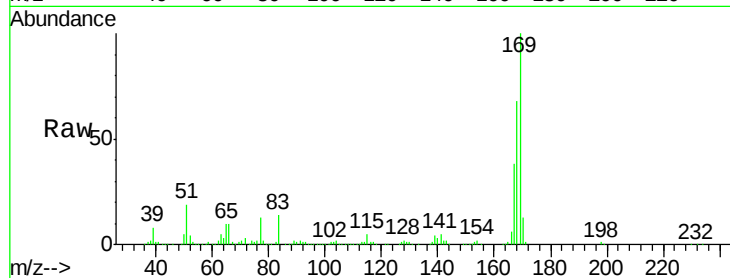
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 632663

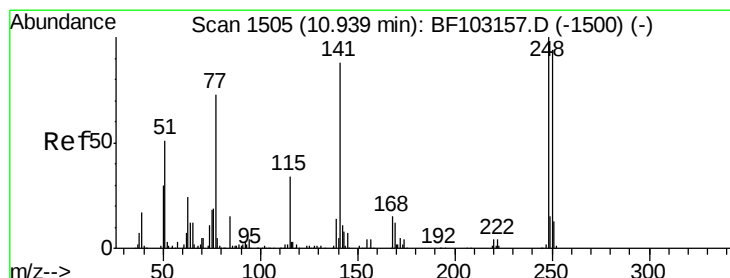
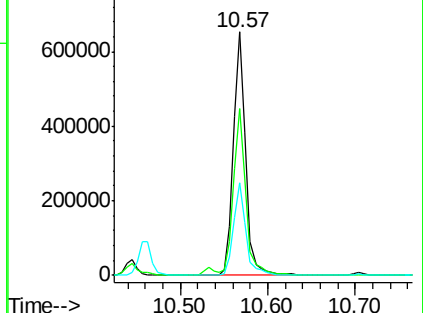
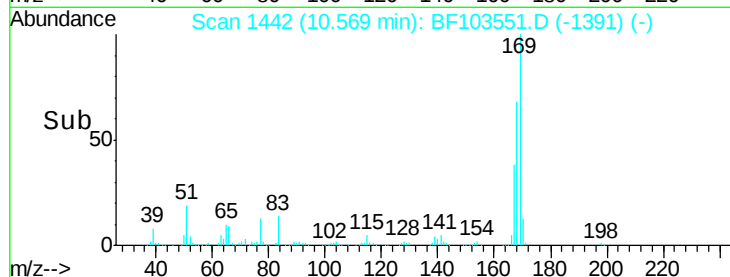
Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.9	29.8	44.6



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: 36.916 ng

RT: 10.94 min Scan# 1505

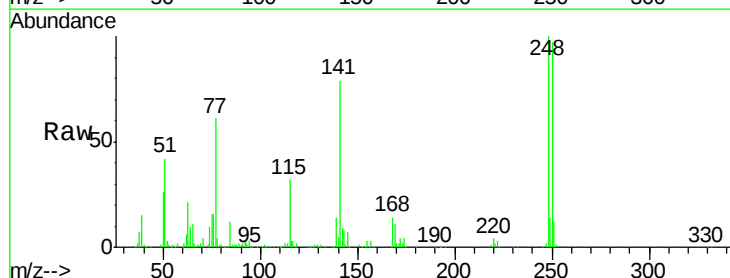
Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Tgt Ion:248 Resp: 186824

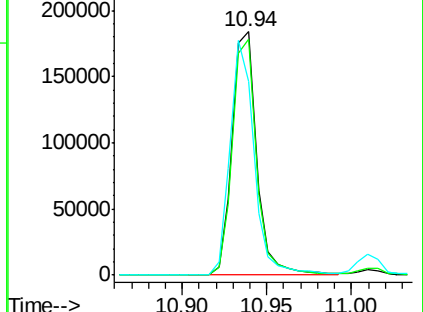
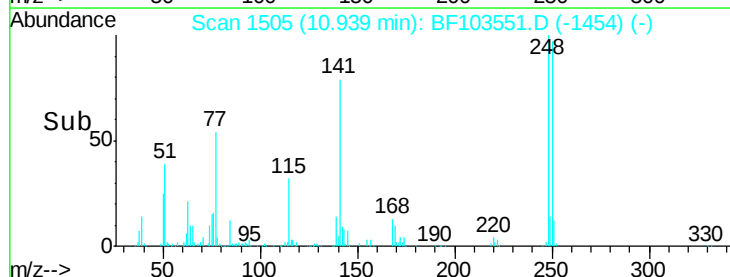
Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.9	115.3
141	79.4	74.4	111.6

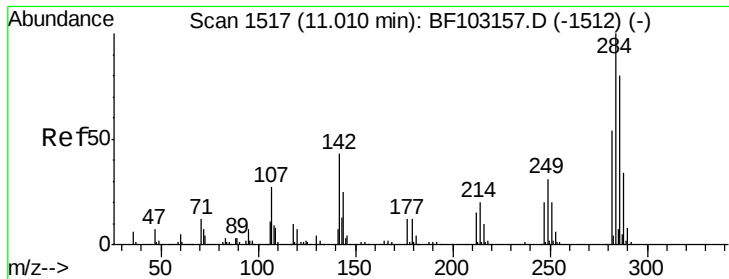


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.361 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

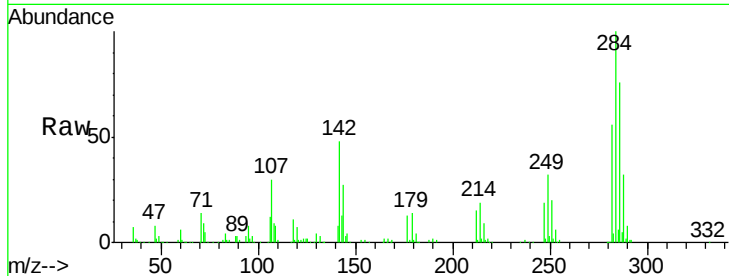
Tot Ion:284 Resp: 194233

Ion Ratio Lower Upper

284 100

142 47.9 34.6 52.0

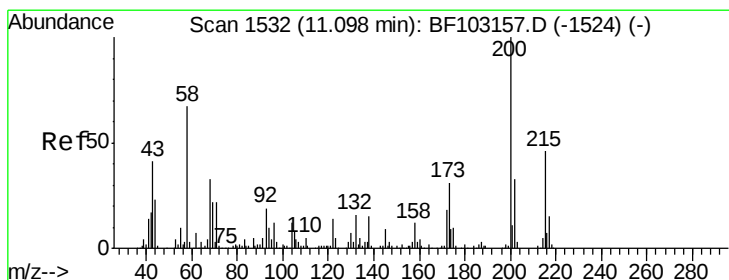
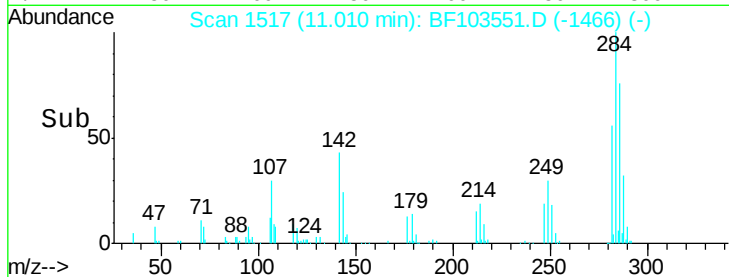
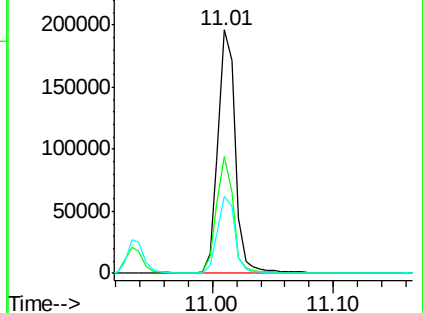
249 31.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.603 ng

RT: 11.09 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

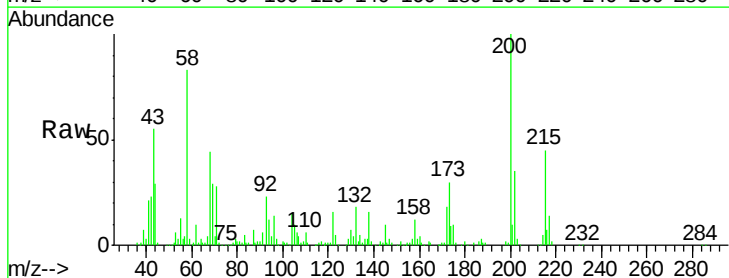
Tgt Ion:200 Resp: 170845

Ion Ratio Lower Upper

200 100

173 30.5 8.6 48.6

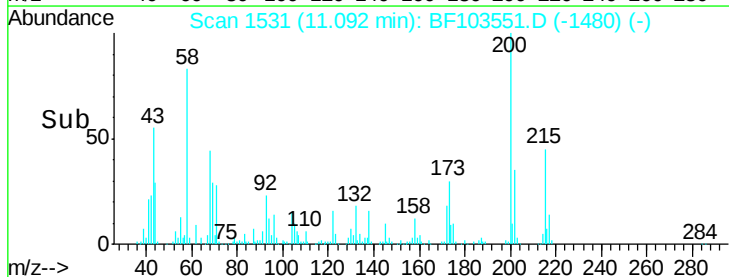
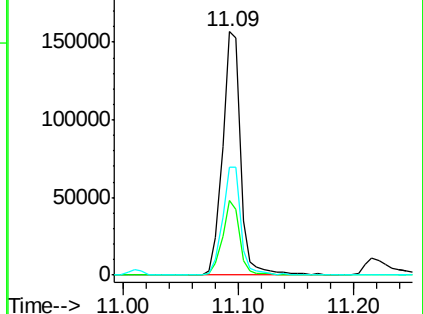
215 44.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 36.952 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

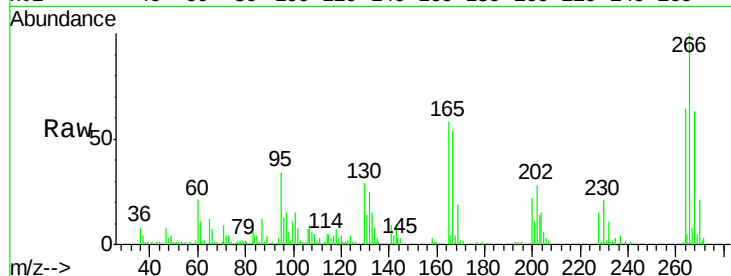
Tot Ion:266 Resp: 98142

Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

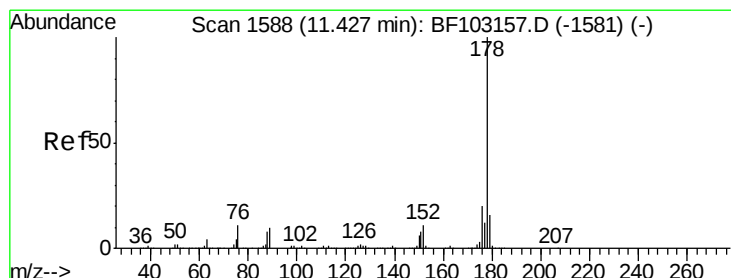
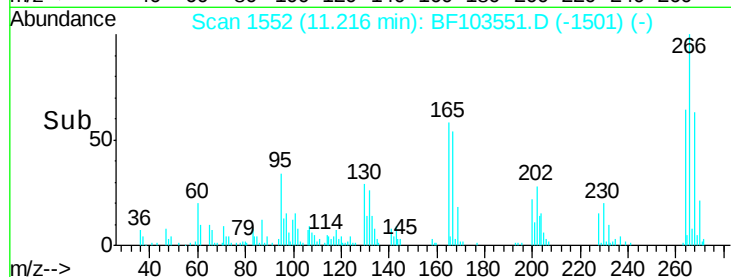
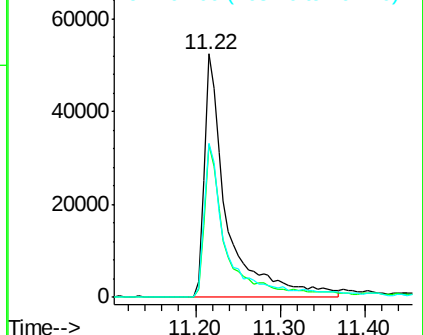
264 63.5 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.127 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

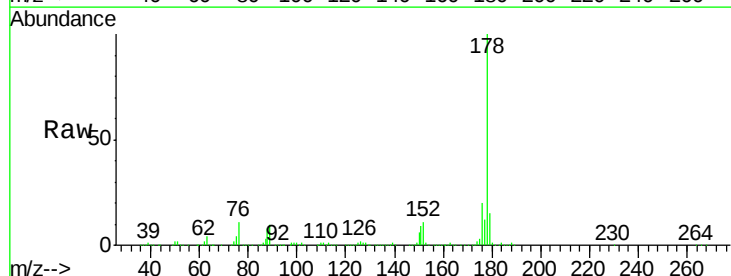
Tgt Ion:178 Resp: 965894

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

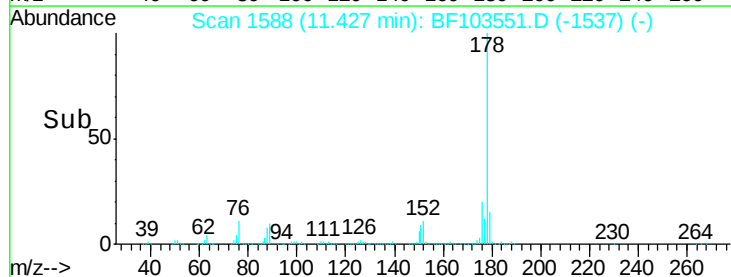
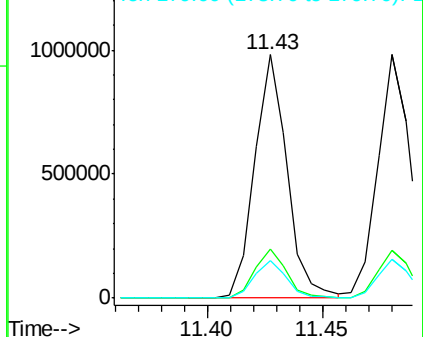
179 15.5 13.0 19.6

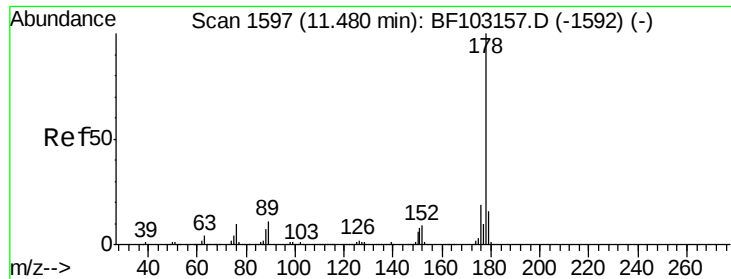


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

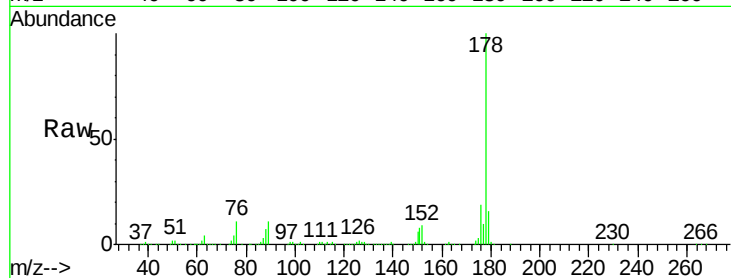




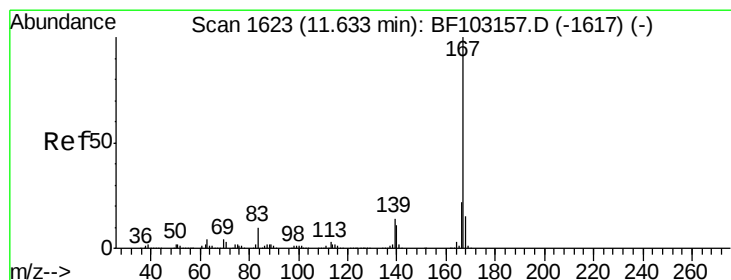
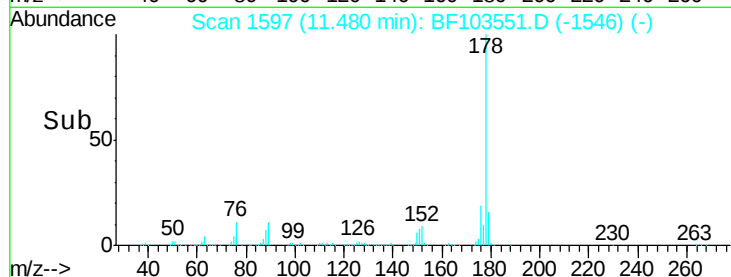
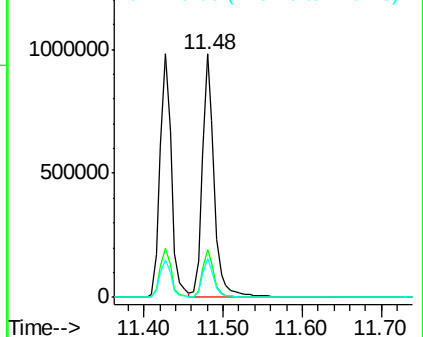
#71
 Anthracene
 Concen: 37.839 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1037383
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.8 12.6 19.0

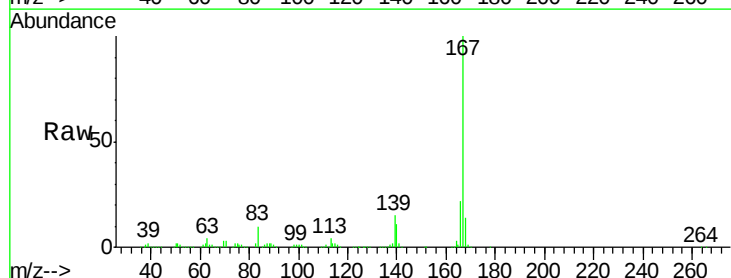


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

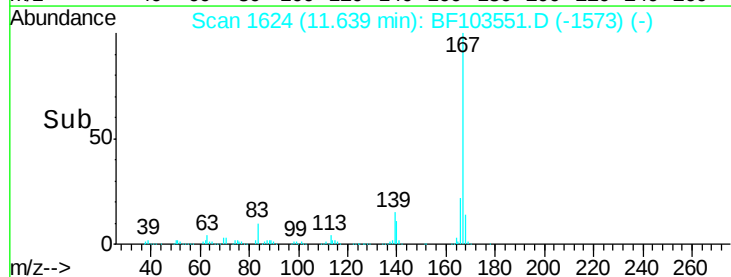
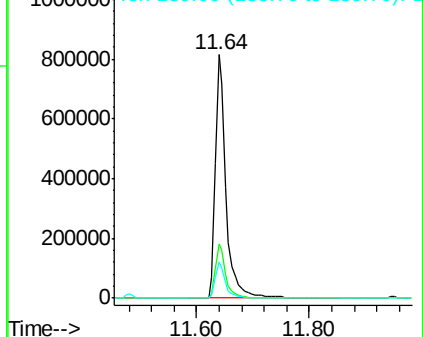


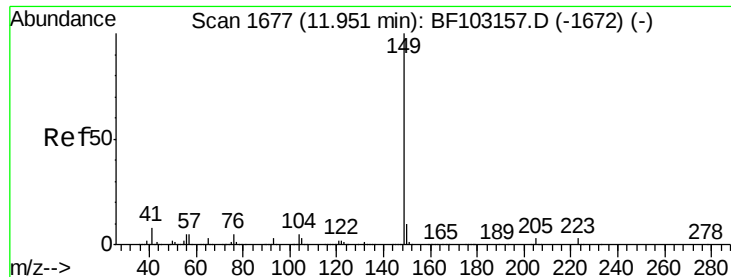
#72
 Carbazole
 Concen: 38.913 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103551.D
 Acq: 9 Mar 2018 10:46

Tgt Ion:167 Resp: 1062394
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.9 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





#73

Di-n-butylphthalate

Concen: 36.964 ng

RT: 11.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

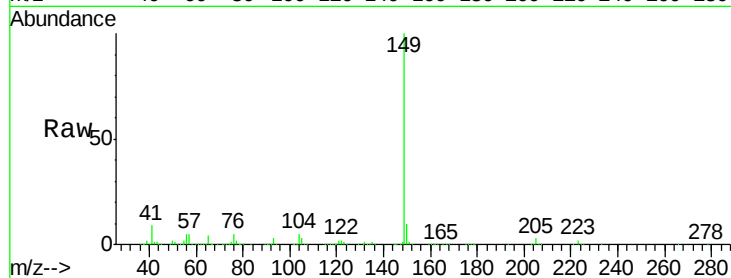
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1262797

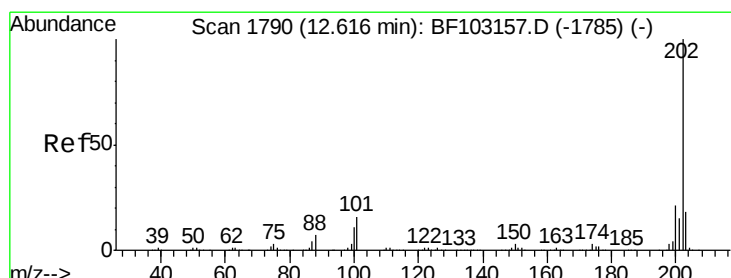
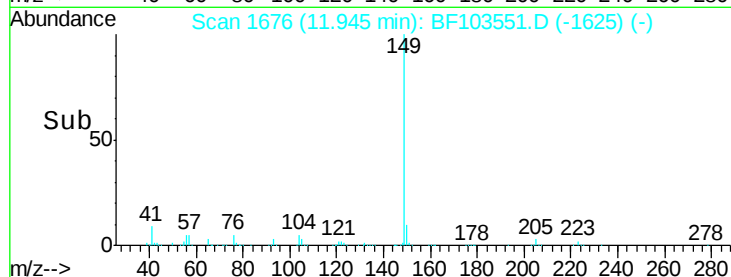
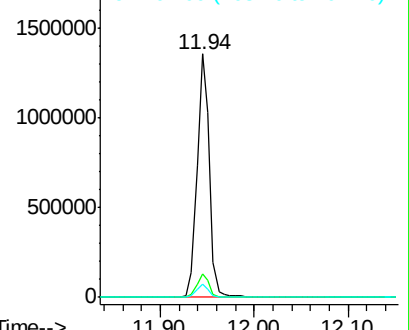
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.4	3.8	5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.143 ng

RT: 12.62 min Scan# 1791

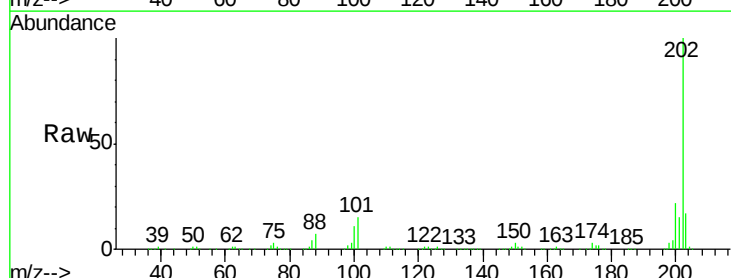
Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Tgt Ion:202 Resp: 971050

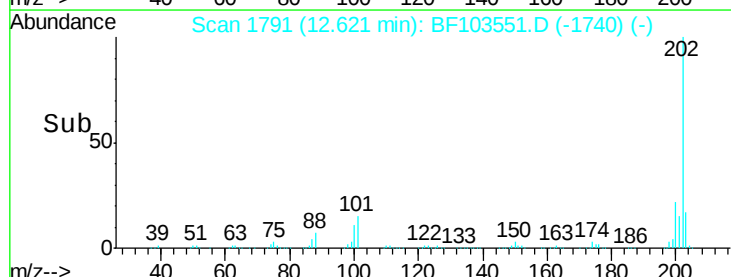
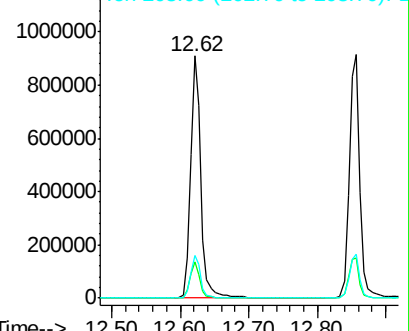
Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.1
203	17.5	0.0	38.1

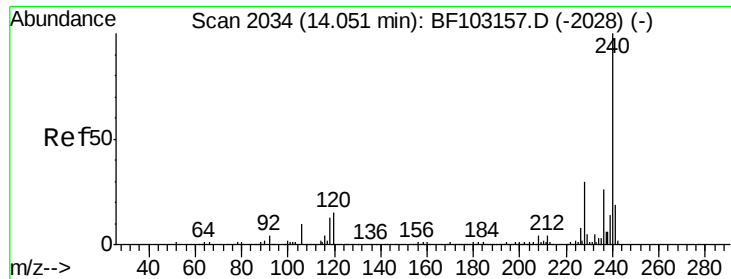


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

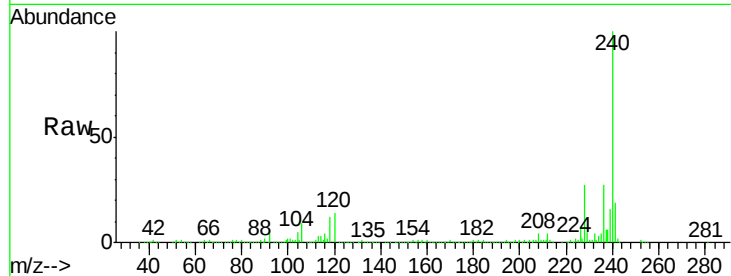
Tot Ion:240 Resp: 320358

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

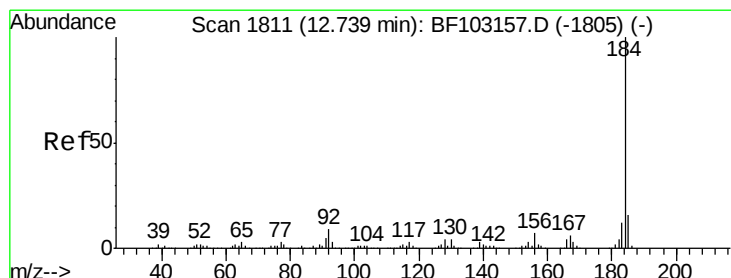
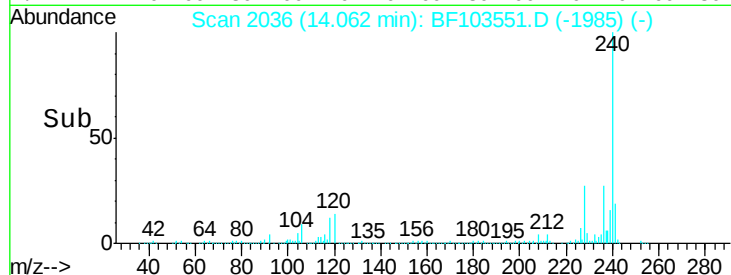
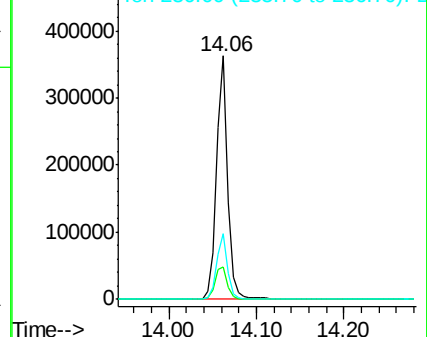
236 27.0 20.7 31.1



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: 42.164 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

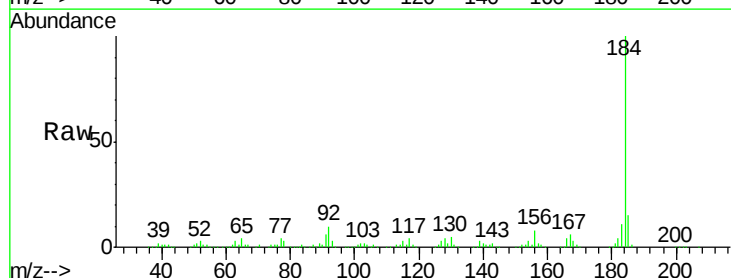
Tgt Ion:184 Resp: 504980

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

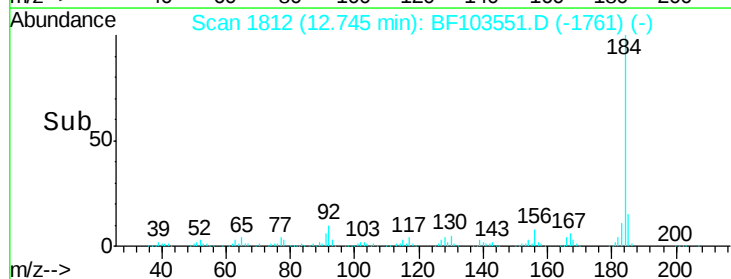
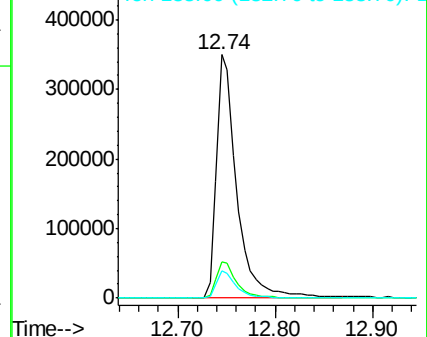
183 11.3 9.3 13.9

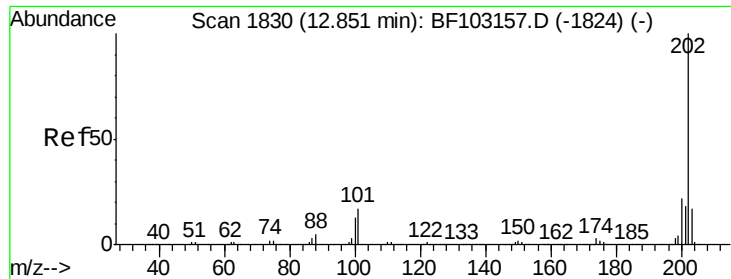


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.831 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

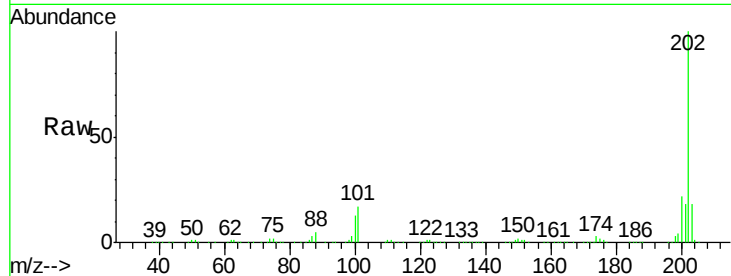
Tot Ion:202 Resp: 994865

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

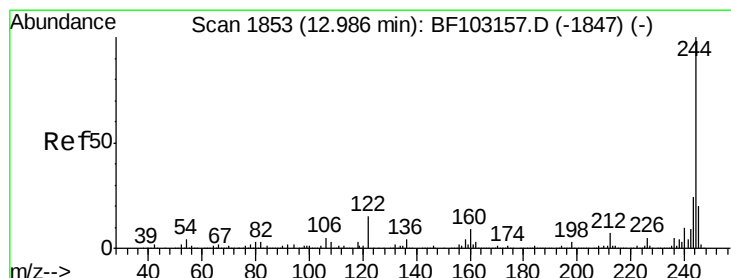
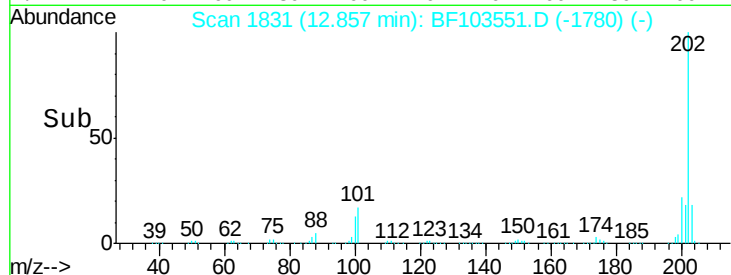
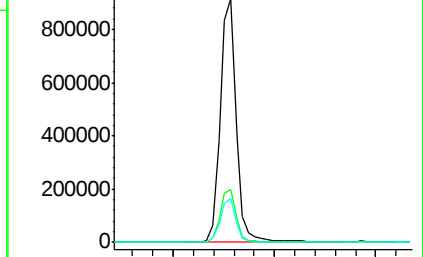
203 17.9 14.3 21.5



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: 73.577 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

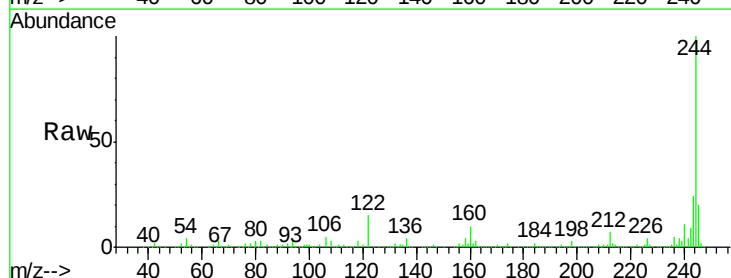
Tgt Ion:244 Resp: 980542

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

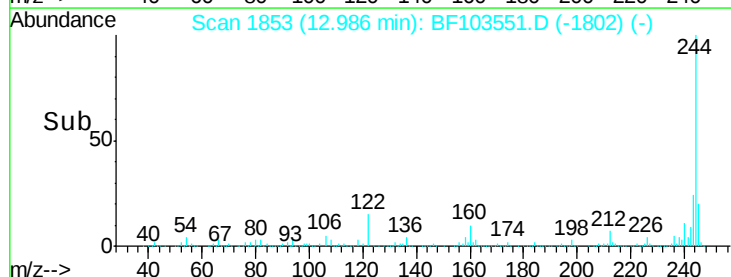
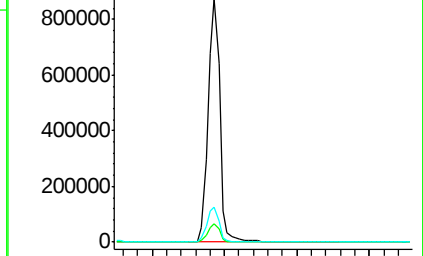
122 14.6 11.0 16.4

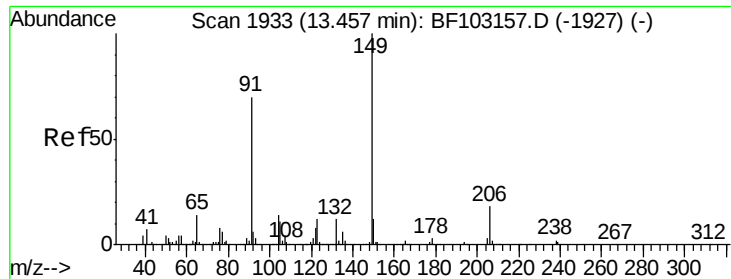


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

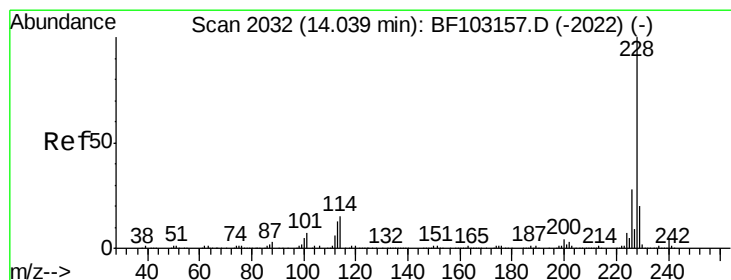
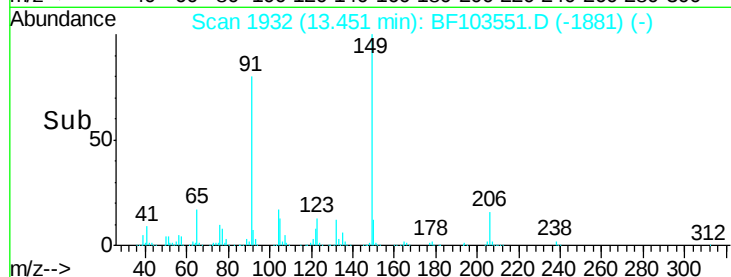
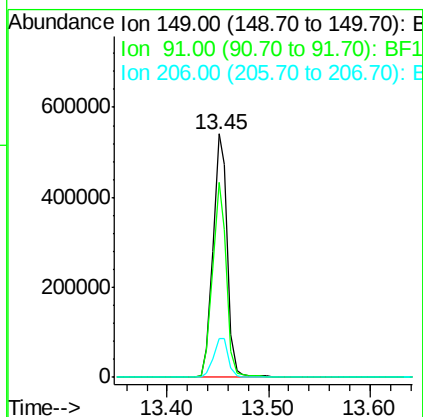
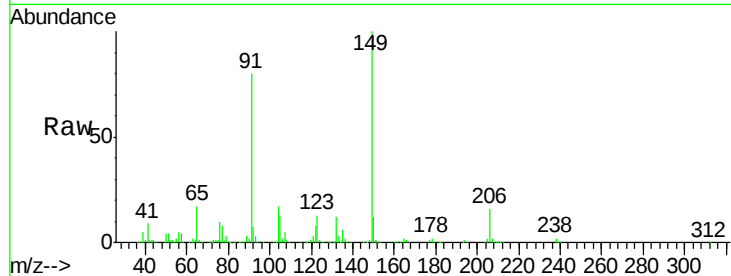




#79
Butylbenzylphthalate
Concen: 40.268 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

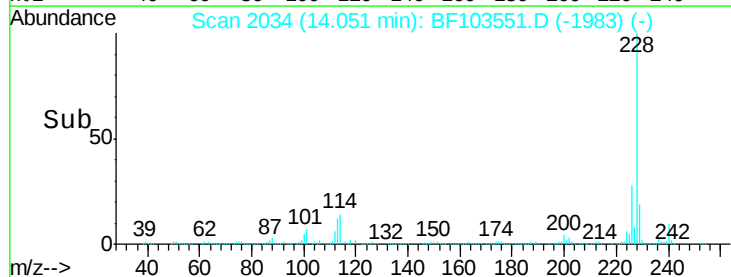
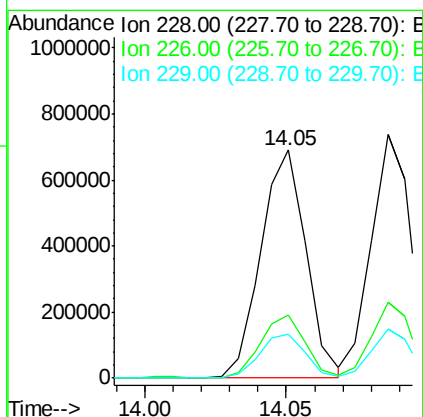
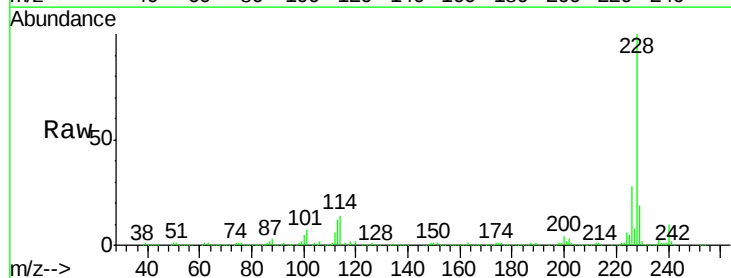
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 531395
Ion Ratio Lower Upper
149 100
91 80.1 56.8 85.2
206 16.2 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.708 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:228 Resp: 763005
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.5 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 34.644 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

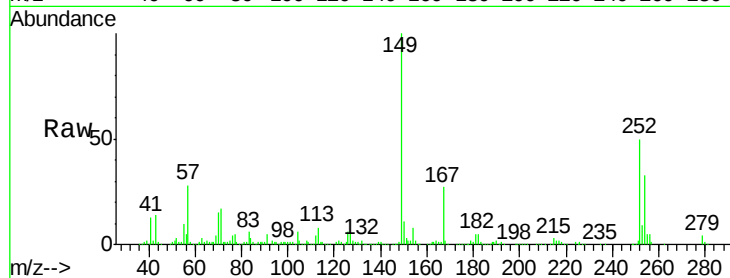
Tot Ion:252 Resp: 256995

Ion Ratio Lower Upper

252 100

254 65.6 50.4 75.6

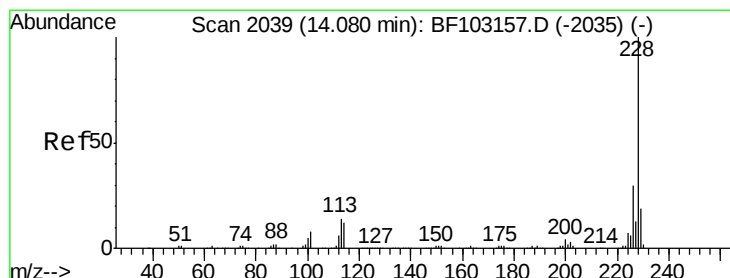
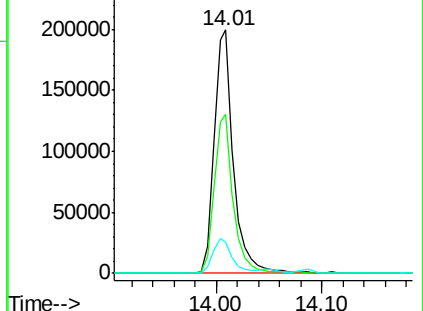
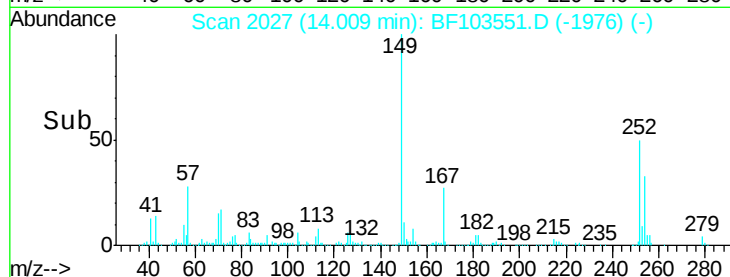
126 13.0 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.649 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

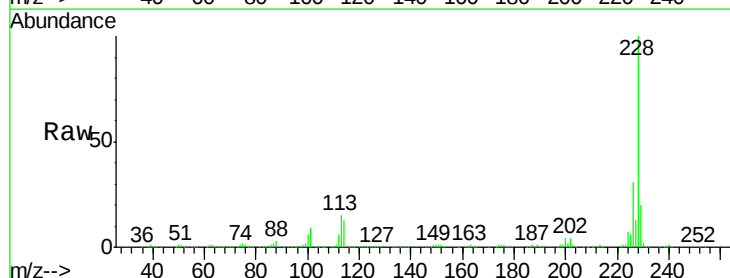
Tgt Ion:228 Resp: 759862

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

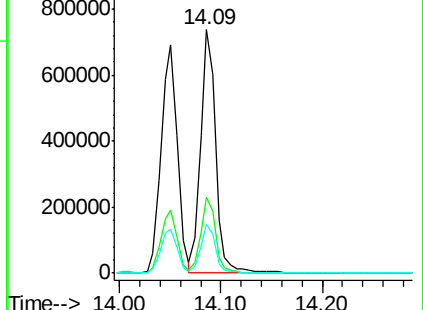
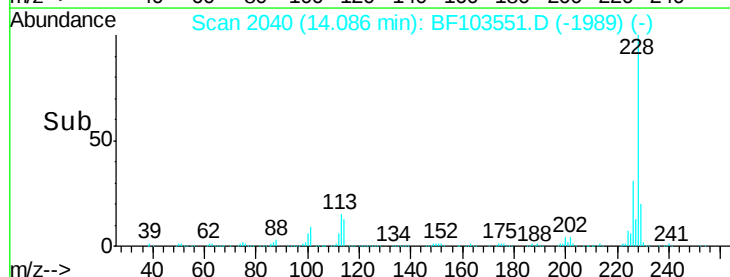
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.385 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

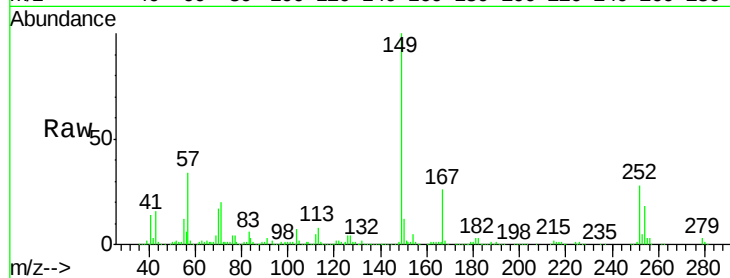
Tot Ion:149 Resp: 647952

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

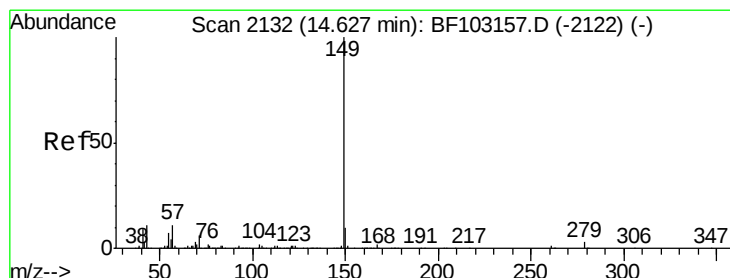
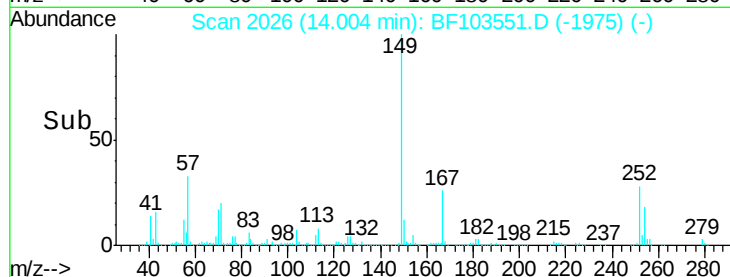
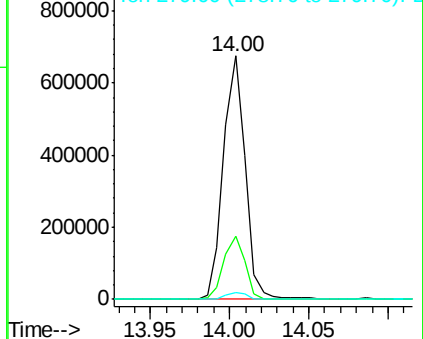
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.356 ng

RT: 14.63 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

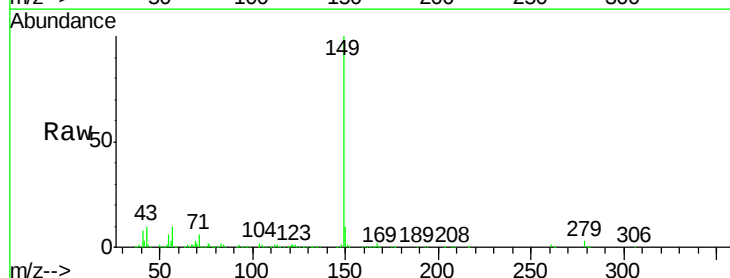
Tgt Ion:149 Resp: 1103593

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

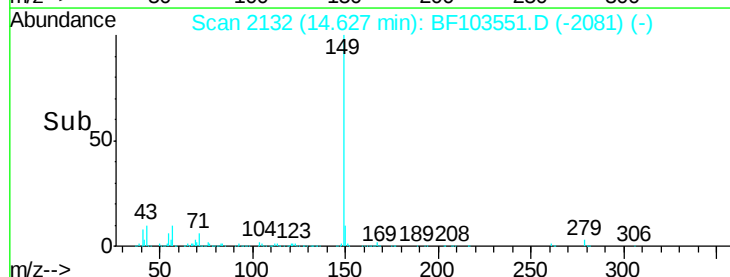
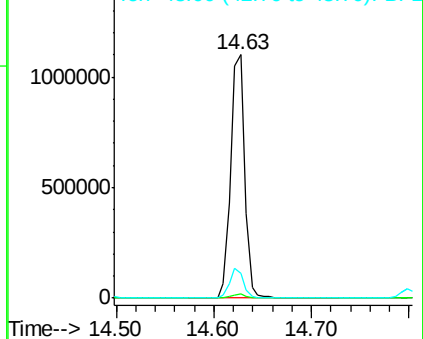
43 11.8 8.4 12.6

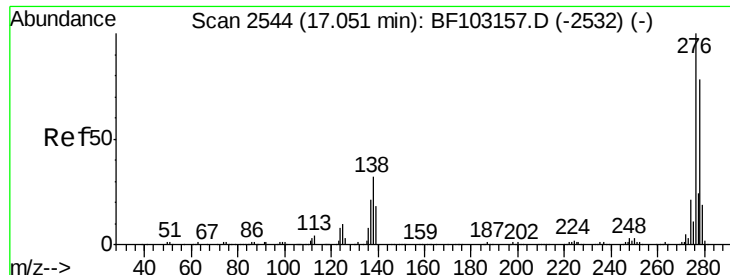


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

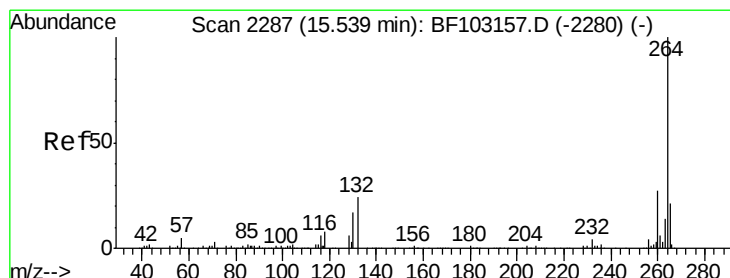
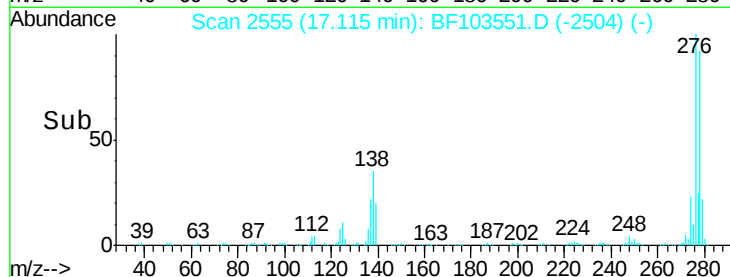
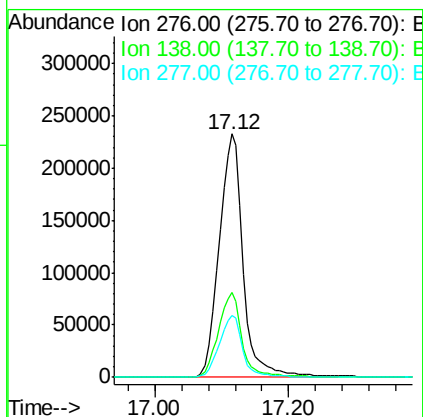
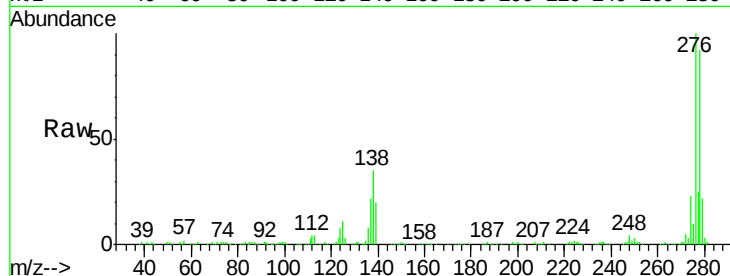




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.707 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

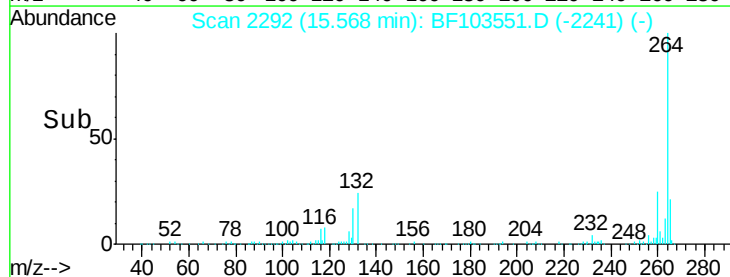
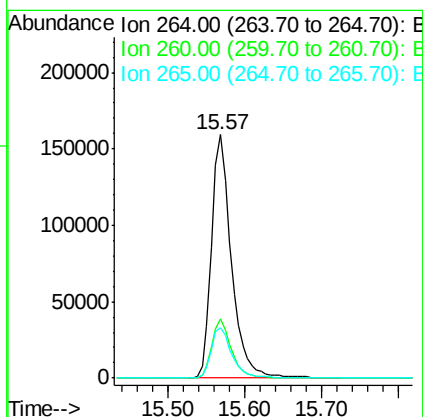
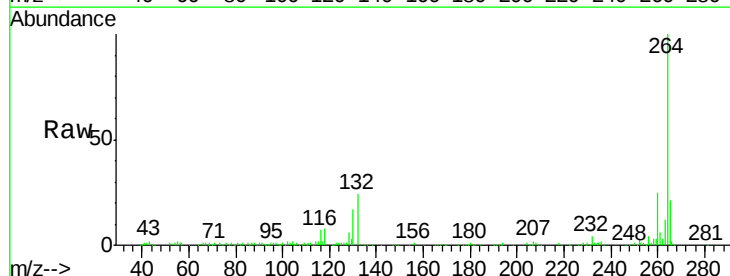
Instrument :
BNA_F
ClientSampleId :

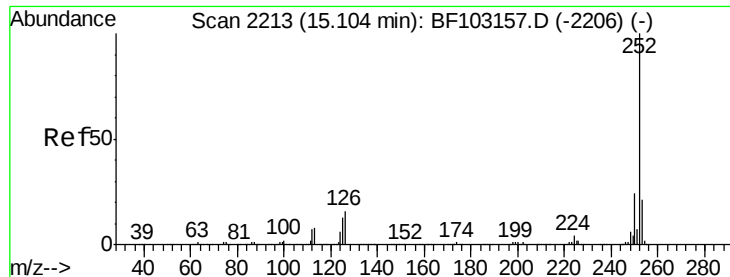
Tot Ion:276 Resp: 586512
Ion Ratio Lower Upper
276 100
138 34.7 25.0 37.6
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:264 Resp: 283345
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 20.5 17.5 26.3

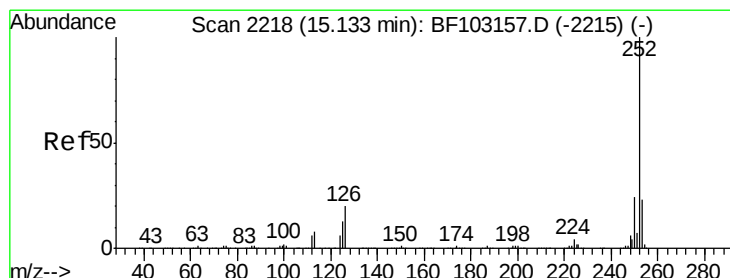
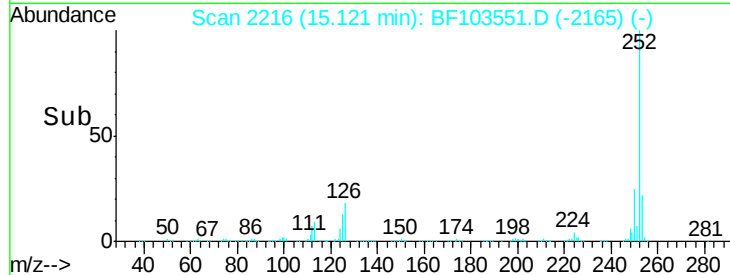
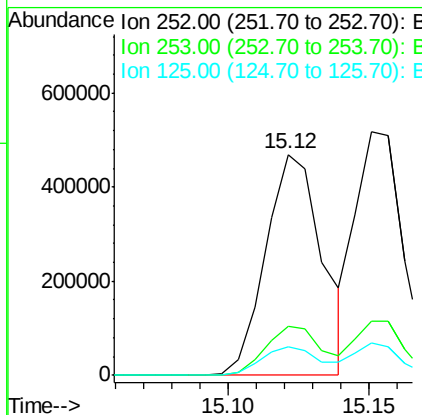
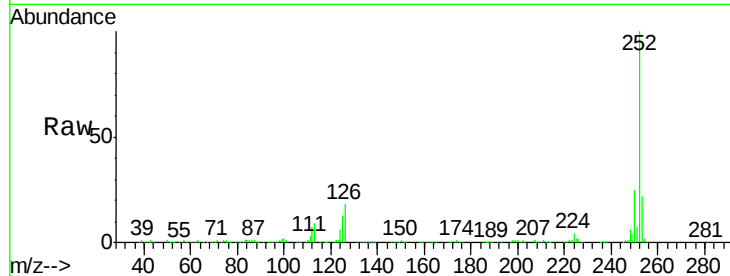




#87
Benzo(b)fluoranthene
Concen: 35.049 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

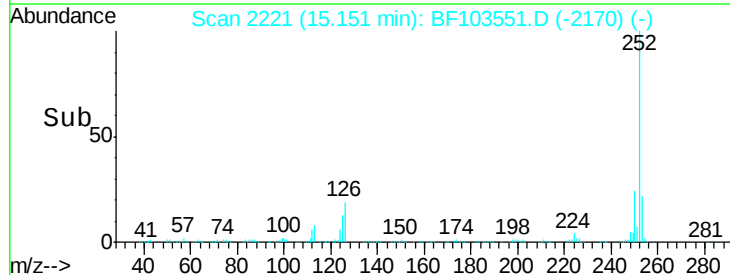
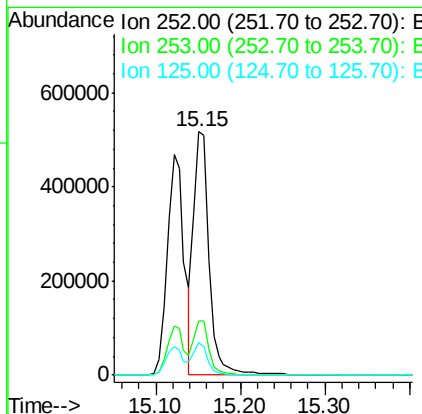
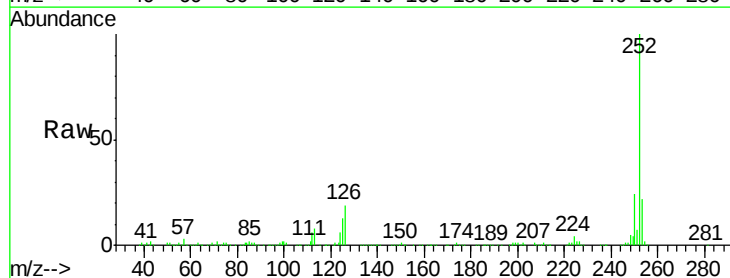
Instrument :
BNA_F
ClientSampleId :

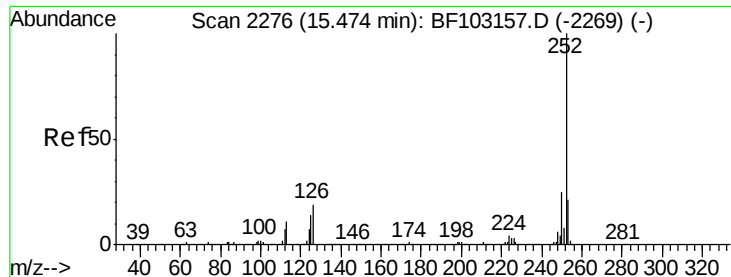
Tot Ion:252 Resp: 652947
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 13.2 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.658 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:252 Resp: 643084
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.1 10.2 15.2

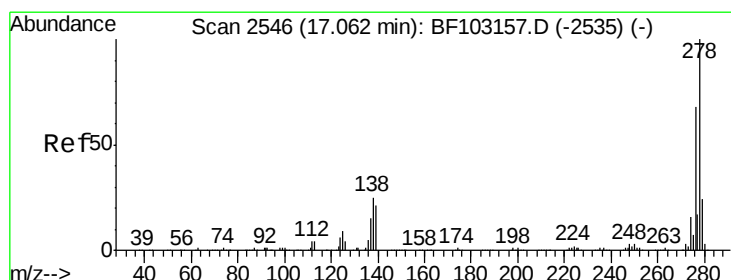
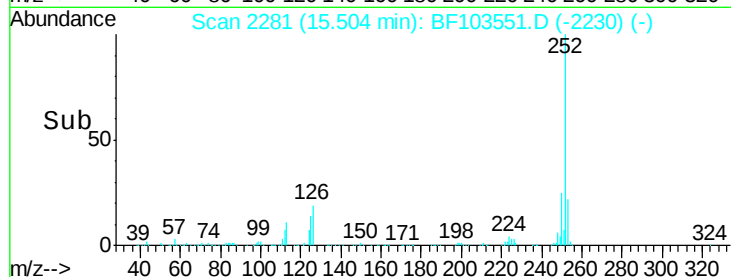
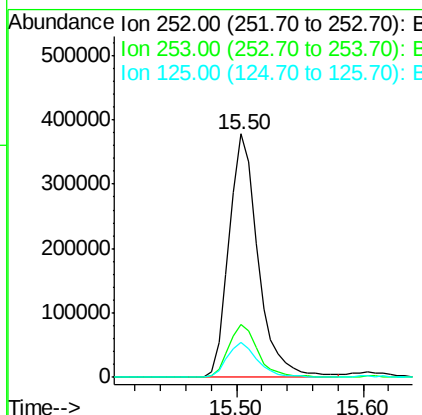
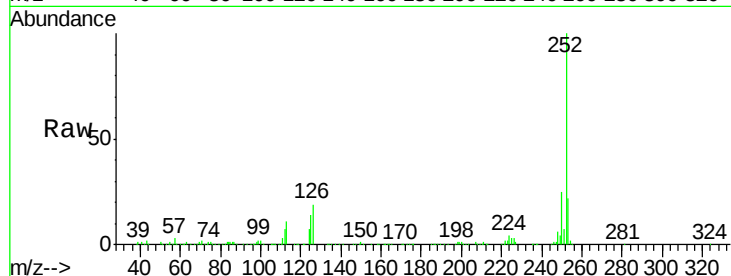




#89
Benzo(a)pyrene
Concen: 36.102 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

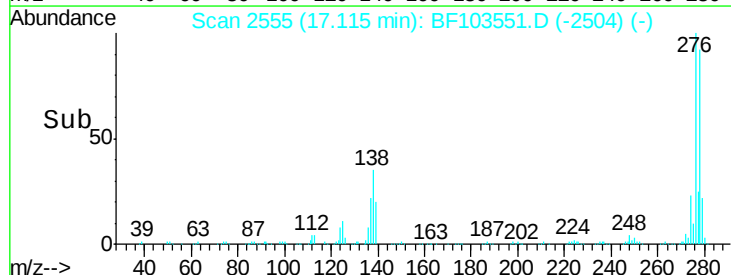
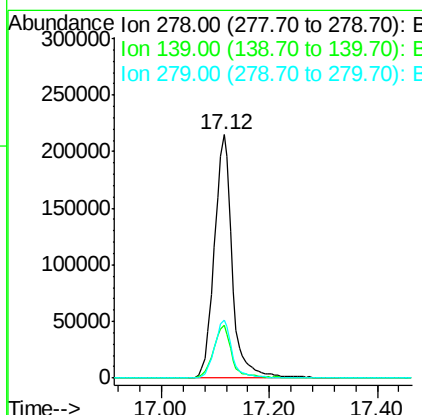
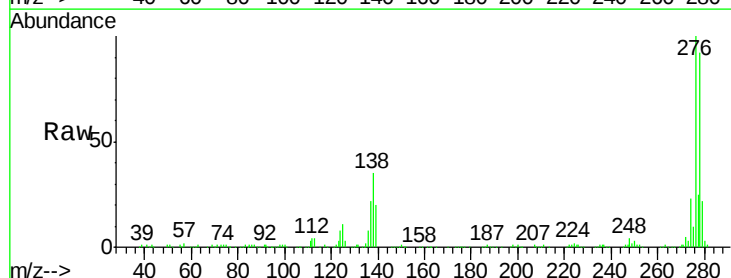
Instrument :
BNA_F
ClientSampled :

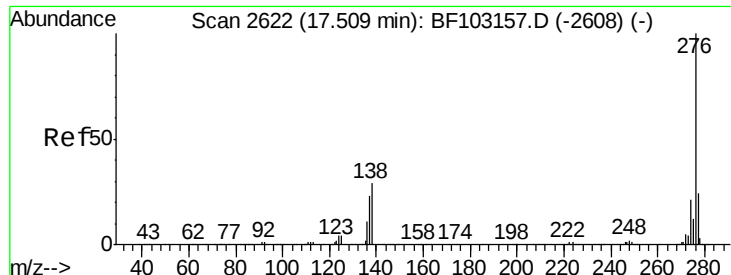
Tot Ion:252 Resp: 600597
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 14.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 38.727 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BF103551.D
Acq: 9 Mar 2018 10:46

Tgt Ion:278 Resp: 497834
Ion Ratio Lower Upper
278 100
139 21.9 15.9 23.9
279 24.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 40.008 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

Lab File: BF103551.D

Acq: 9 Mar 2018 10:46

Instrument :

BNA_F

ClientSampleId :

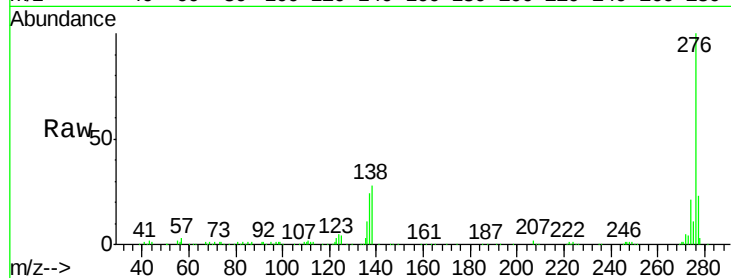
Tot Ion:276 Resp: 502652

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 28.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

