

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103659.D
 Acq On : 14 Mar 2018 23:32
 Operator : SJ/JU
 Sample : PB107370BSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:03:09 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123061	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	522542	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	225935	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	350042	20.00	ng	0.00
75) Chrysene-d12	14.06	240	192132	20.00	ng	0.00
86) Perylene-d12	15.57	264	188372	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	719548	88.43	ng	0.00
7) Phenol-d6	6.50	99	854950	85.87	ng	0.00
23) Nitrobenzene-d5	7.43	82	797487	87.16	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	140348	73.39	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1183086	91.95	ng	0.00
78) Terphenyl-d14	12.98	244	820356	102.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.70	88	149852	34.870	ng	96
3) Pyridine	3.51	79	286840	25.001	ng	98
4) n-Nitrosodimethylamine	3.48	42	141258	30.529	ng	92
6) Aniline	6.53	93	266350	18.536	ng	# 51
8) 2-Chlorophenol	6.65	128	370734	43.860	ng	89
9) Benzaldehyde	6.43	77	139423	19.933	ng	97
10) Phenol	6.52	94	505078	43.698	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	316646	36.095	ng	94
12) 1,3-Dichlorobenzene	6.79	146	371411	38.450	ng	96
13) 1,4-Dichlorobenzene	6.87	146	415721	42.927	ng	100
14) 1,2-Dichlorobenzene	7.02	146	338532	37.910	ng	99
15) Benzyl Alcohol	7.02	79	276338	36.832	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	590317	39.187	ng	54
17) 2-Methylphenol	7.12	107	293634	38.226	ng	# 76
18) Hexachloroethane	7.36	117	124585	35.338	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	279205	45.058	ng	95
20) 3+4-Methylphenols	7.29	107	400692	42.792	ng	# 75
22) Acetophenone	7.27	105	529765	43.434	ng	94
24) Nitrobenzene	7.45	77	400956	39.801	ng	97
25) Isophorone	7.68	82	772180	42.849	ng	97
26) 2-Nitrophenol	7.76	139	184295	38.860	ng	93
27) 2,4-Dimethylphenol	7.80	122	329282	45.424	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	486686	45.934	ng	98
29) 2,4-Dichlorophenol	8.02	162	301154	43.392	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	288977	39.100	ng	99
31) Naphthalene	8.16	128	1055670	41.265	ng	99
32) Benzoic acid	7.95	122	102986	23.305	ng	98
33) 4-Chloroaniline	8.25	127	125769	11.393	ng	# 95
34) Hexachlorobutadiene	8.26	225	138526	35.993	ng	99
35) Caprolactam	8.60	113	89474	36.681	ng	# 78
36) 4-Chloro-3-methylphenol	8.72	107	333601	42.615	ng	98
37) 2-Methylnaphthalene	8.85	142	663578	40.135	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	249710	40.428	ng	99
40) Hexachlorocyclopentadiene	8.99	237	17300	15.946	ng	98

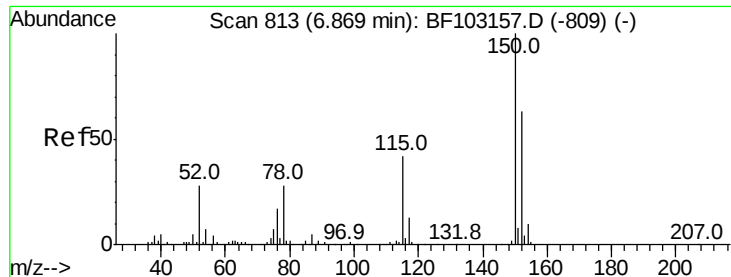
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	166847	40.145	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	163919	34.292	ng	95
45) 1,1'-Biphenyl	9.32	154	762412	40.271	ng	99
46) 2-Chloronaphthalene	9.35	162	603353	40.283	ng	99
47) 2-Nitroaniline	9.46	65	246144	44.365	ng	89
48) Acenaphthylene	9.76	152	887638	38.517	ng	100
49) Dimethylphthalate	9.62	163	699370	38.586	ng	100
50) 2,6-Dinitrotoluene	9.69	165	146394	38.489	ng	# 73
51) Acenaphthene	9.93	154	509859	37.942	ng	99
52) 3-Nitroaniline	9.88	138	117758	24.402	ng	99
53) 2,4-Dinitrophenol	10.02	184	20371	22.665	ng	# 30
54) Dibenzofuran	10.10	168	756180	40.993	ng	92
55) 4-Nitrophenol	10.07	139	76387	25.540	ng	90
56) 2,4-Dinitrotoluene	10.12	165	181911	37.816	ng	# 84
57) Fluorene	10.45	166	593332	37.758	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	125035	38.938	ng	# 96
59) Diethylphthalate	10.31	149	684611	39.493	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	274137	41.138	ng	96
61) 4-Nitroaniline	10.50	138	152052	31.546	ng	99
62) Azobenzene	10.60	77	777487	44.063	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	29784	17.489	ng	# 80
65) n-Nitrosodiphenylamine	10.56	169	553625	45.424	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	153509	42.099	ng	96
67) Hexachlorobenzene	11.00	284	153890	38.883	ng	97
68) Atrazine	11.09	200	155067	42.330	ng	98
69) Pentachlorophenol	11.21	266	90249	47.160	ng	97
70) Phenanthrene	11.42	178	763587	39.638	ng	98
71) Anthracene	11.47	178	842675	42.659	ng	99
72) Carbazole	11.64	167	800034	40.670	ng	99
73) Di-n-butylphthalate	11.94	149	1038748	42.200	ng	99
74) Fluoranthene	12.62	202	716042	36.989	ng	99
76) Benzidine	12.75	184	443198	61.702	ng	97
77) Pyrene	12.85	202	684050	45.665	ng	99
79) Butylbenzylphthalate	13.44	149	390658	49.360	ng	97
80) Benzo(a)anthracene	14.04	228	476622	38.233	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	180536	40.580	ng	98
82) Chrysene	14.08	228	516824	42.697	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	504994	47.283	ng	# 98
84) Di-n-octyl phthalate	14.62	149	816538	47.319	ng	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	444354	46.370	ng	98
87) Benzo(b)fluoranthene	15.12	252	445968	36.008	ng	98
88) Benzo(k)fluoranthene	15.14	252	497441	42.652	ng	99
89) Benzo(a)pyrene	15.50	252	452963	40.955	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	381063	44.588	ng	98
91) Benzo(g,h,i)perylene	17.59	276	354796	42.477	ng	97

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

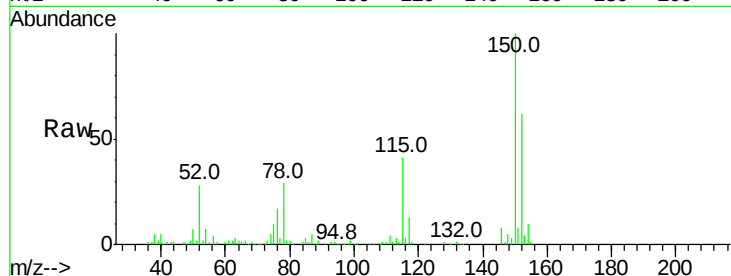


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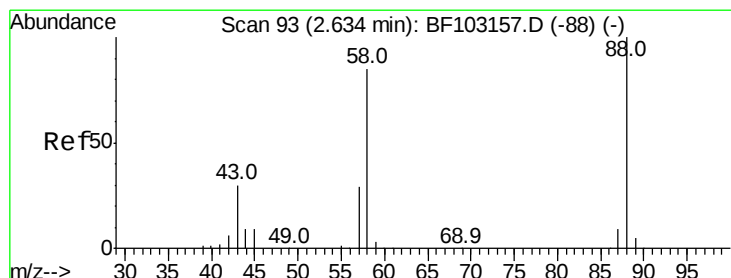
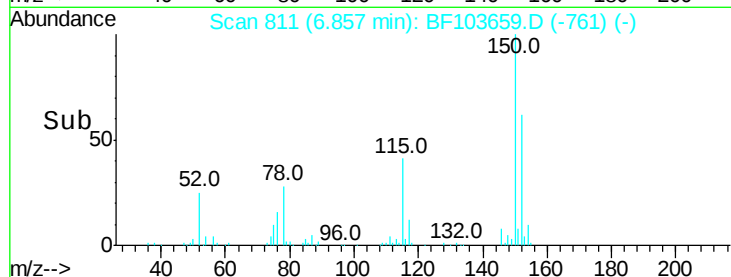
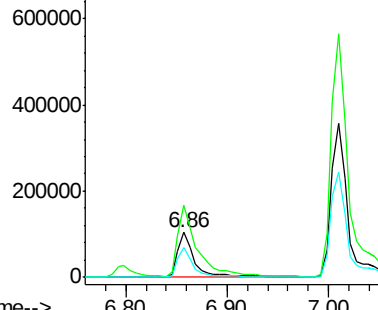
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	65.9	50.1	75.1



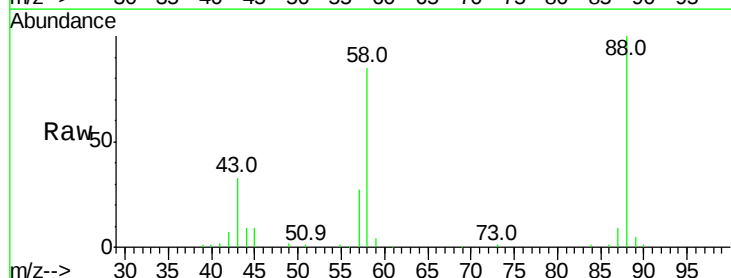
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



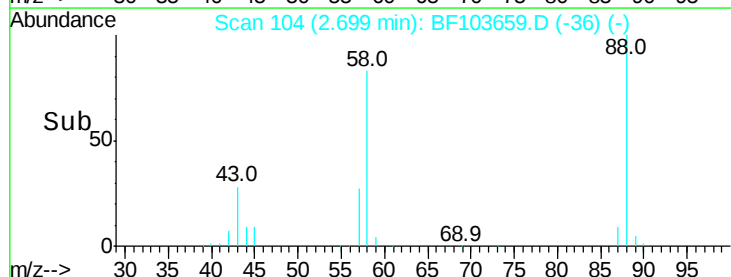
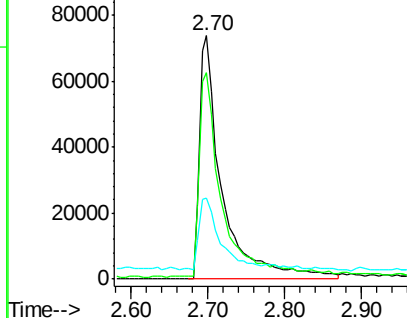
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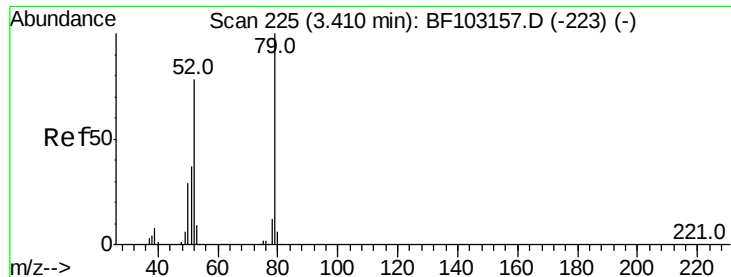
1,4-Dioxane
Concen: 34.870 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.10 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	62.6	93.8
43	28.0	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



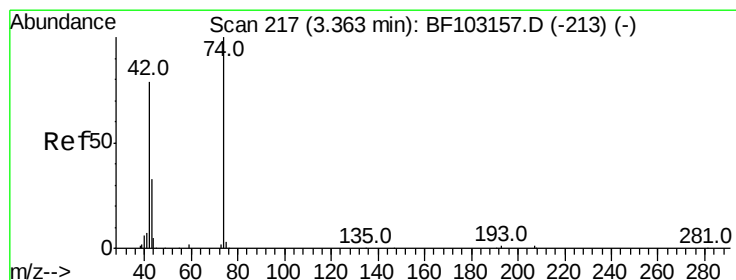
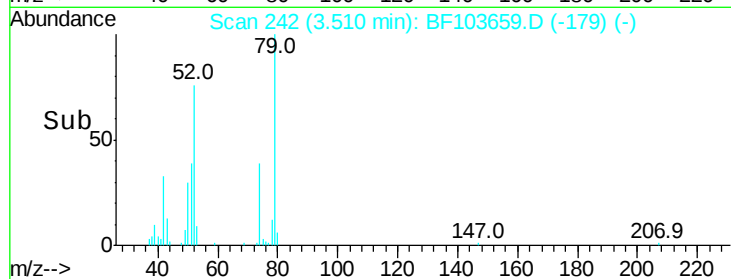
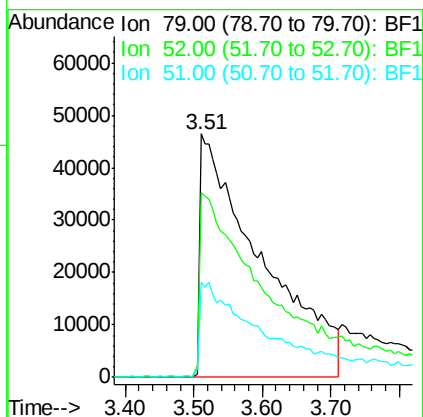
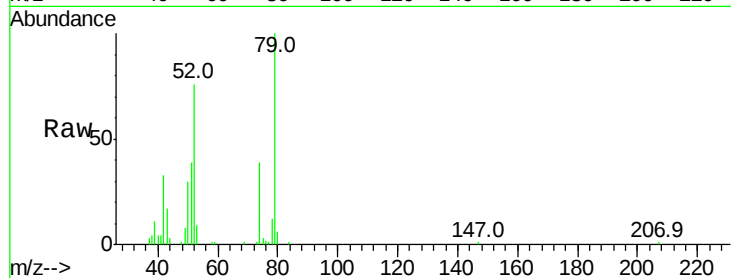


#3
 Pvridine
 Concen: 25.001 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.07 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 286840

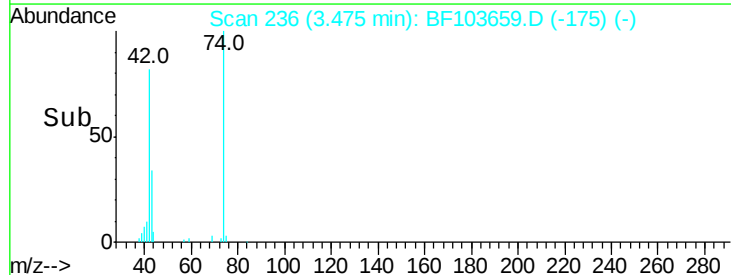
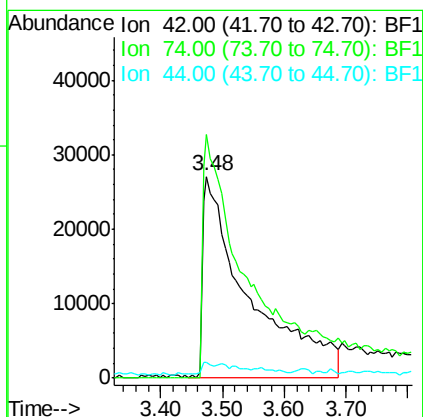
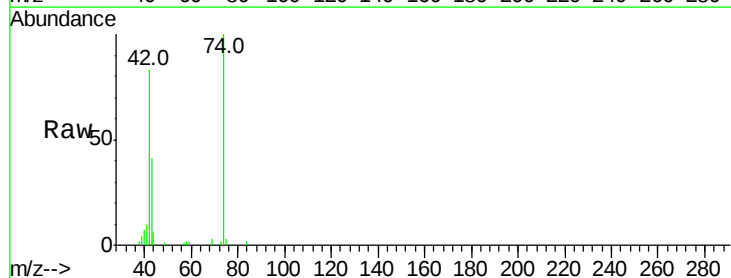
Ion	Ratio	Lower	Upper
79	100		
52	75.8	59.8	89.6
51	38.9	29.8	44.8

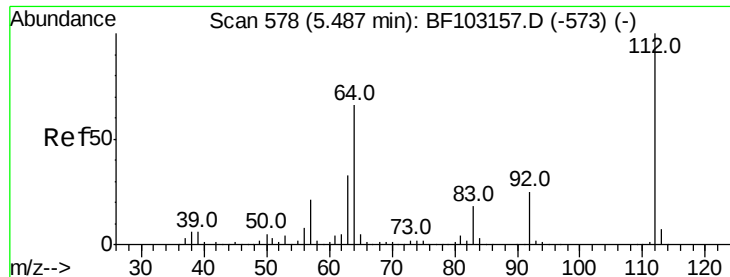


#4
 n-Nitrosodimethylamine
 Concen: 30.529 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.06 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion: 42 Resp: 141258

Ion	Ratio	Lower	Upper
42	100		
74	120.8	104.9	157.3
44	7.8	6.9	10.3

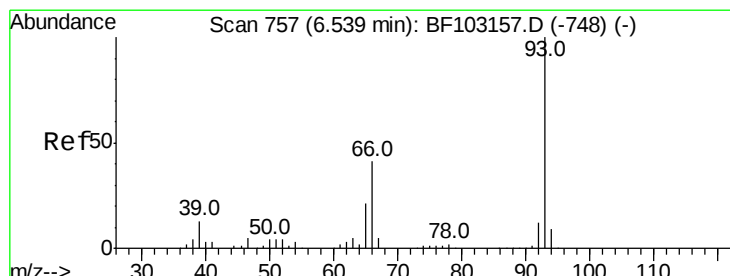
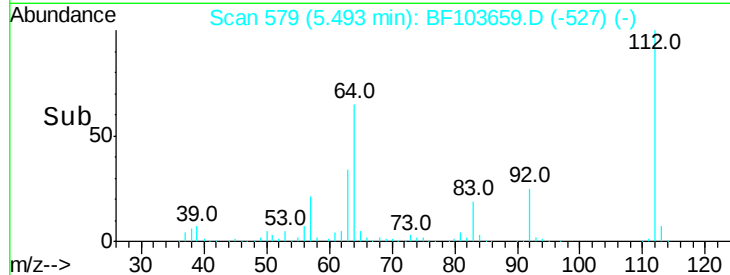
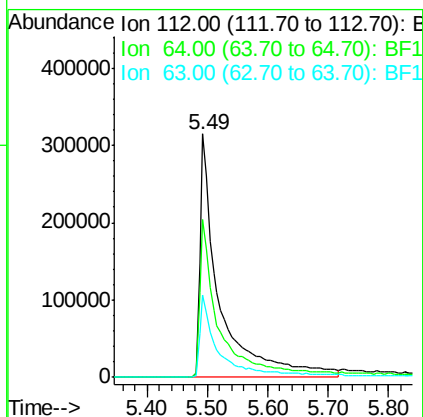
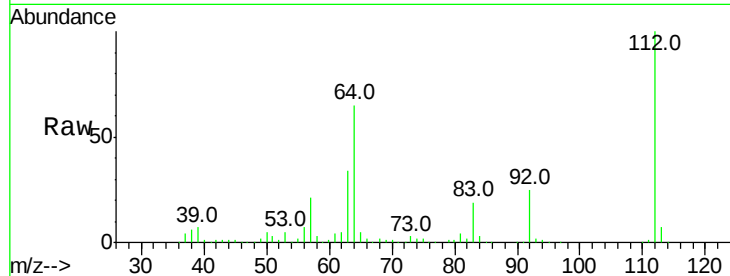




#5
 2-Fluorophenol
 Concen: 88.433 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

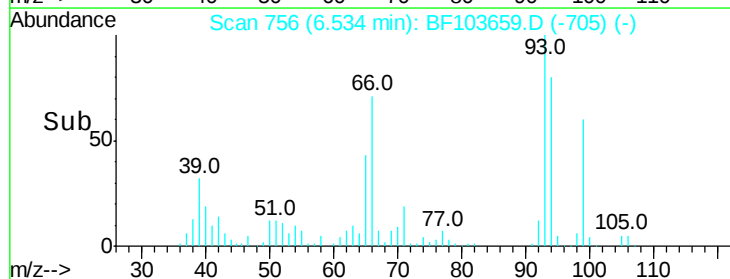
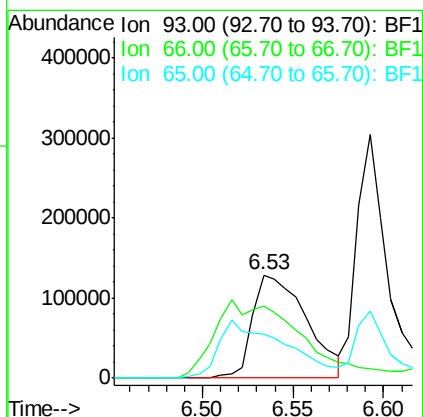
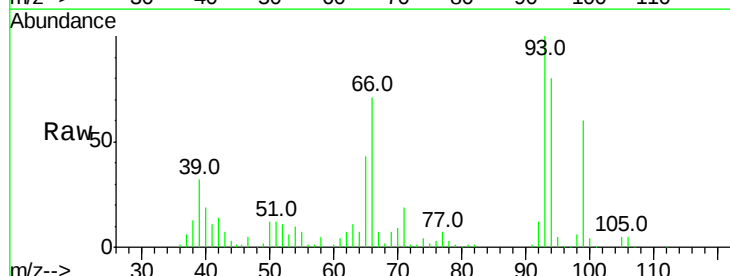
Instrument :
 BNA_F
 ClientSampleId :

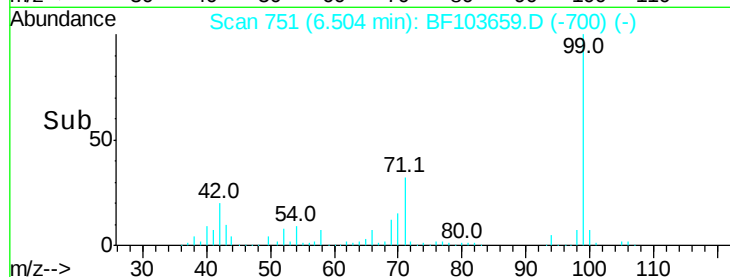
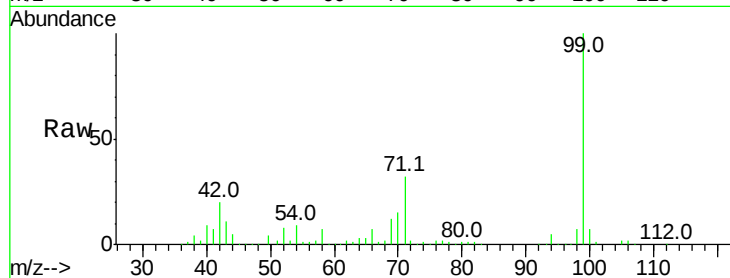
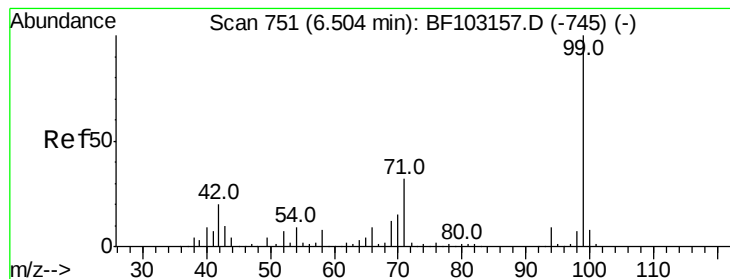
Tot Ion: 112 Resp: 719548
 Ion Ratio Lower Upper
 112 100
 64 64.7 47.9 71.9
 63 34.0 23.7 35.5



#6
 Aniline
 Concen: 18.536 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion: 93 Resp: 266350
 Ion Ratio Lower Upper
 93 100
 66 70.6 32.2 48.2#
 65 42.8 16.4 24.6#





#7

Phenol-d6

Concen: 85.869 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

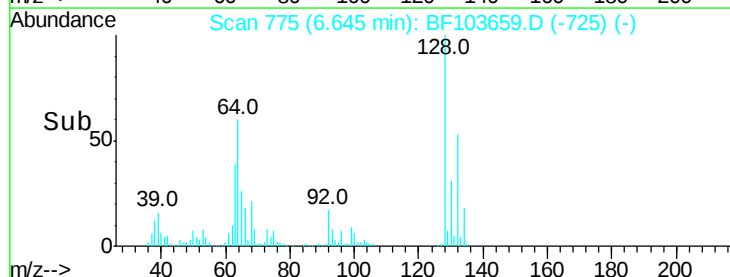
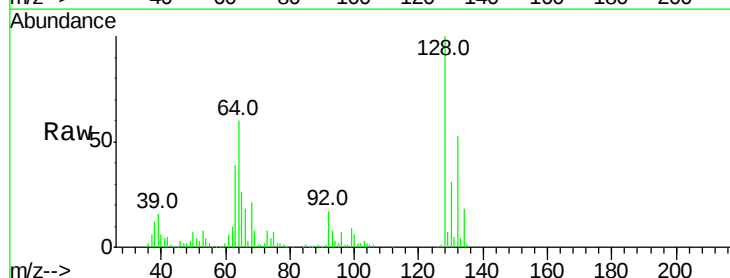
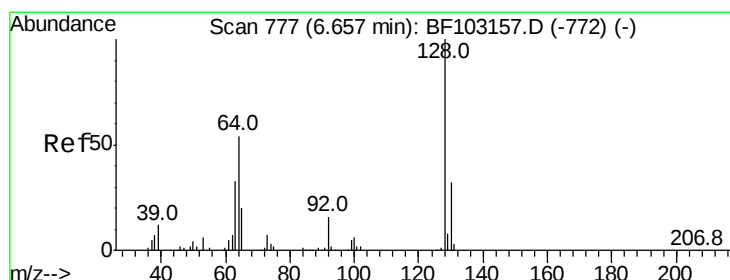
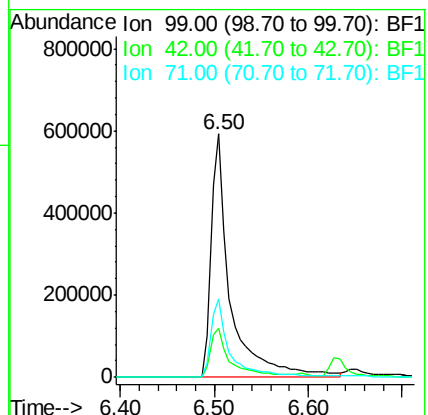
Tot Ion: 99 Resp: 854950

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 43.860 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

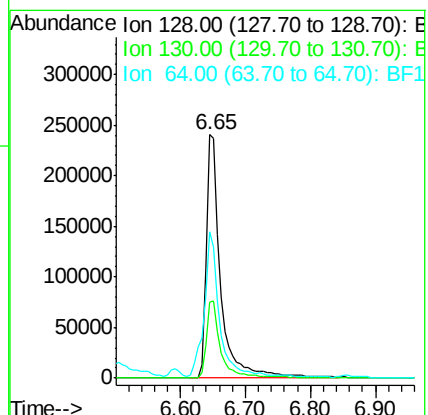
Tgt Ion:128 Resp: 370734

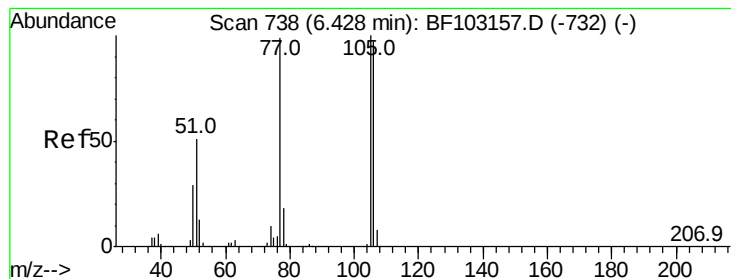
Ion Ratio Lower Upper

128 100

130 31.3 13.0 53.0

64 60.4 29.4 69.4





#9

Benzaldehyde

Concen: 19.933 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

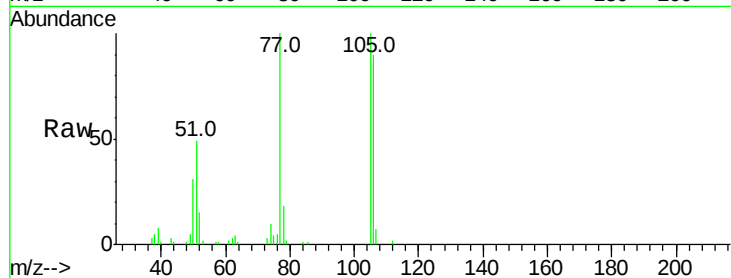
Tot Ion: 77 Resp: 139423

Ion Ratio Lower Upper

77 100

105 100.1 81.1 121.1

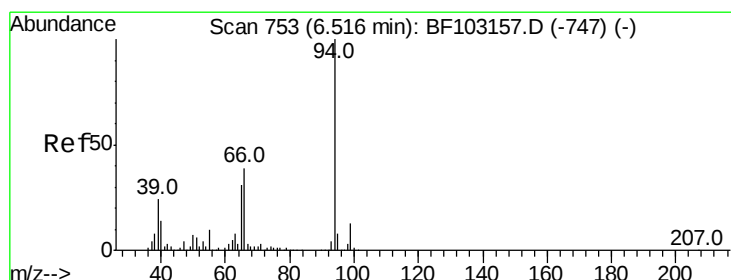
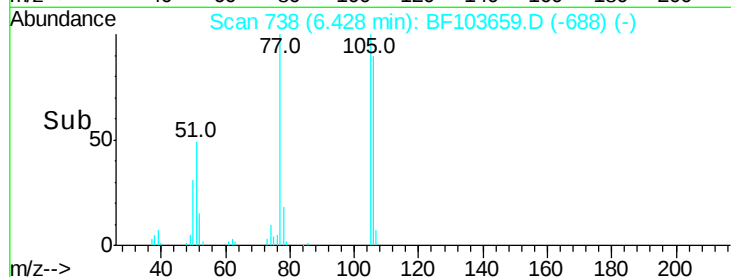
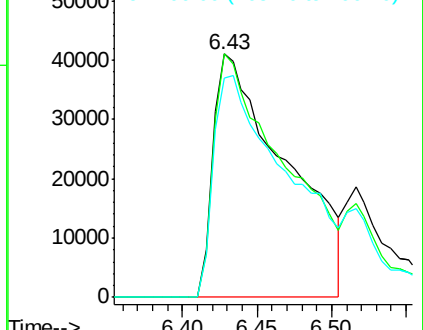
106 90.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.698 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

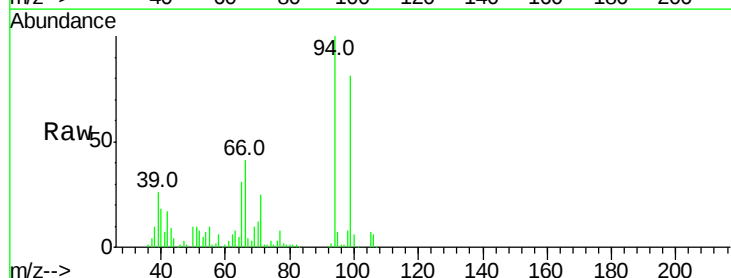
Tgt Ion: 94 Resp: 505078

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

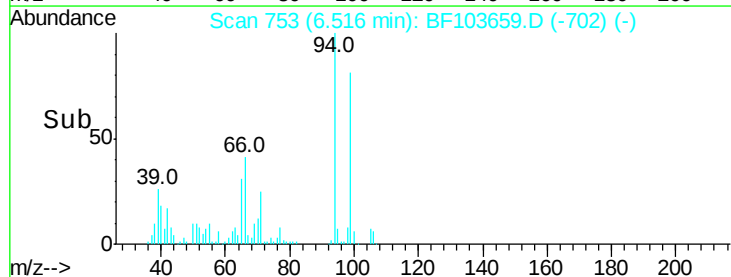
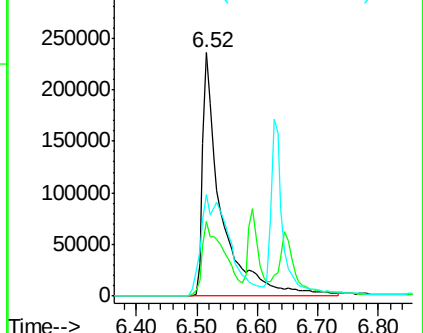
66 41.5 16.2 56.2

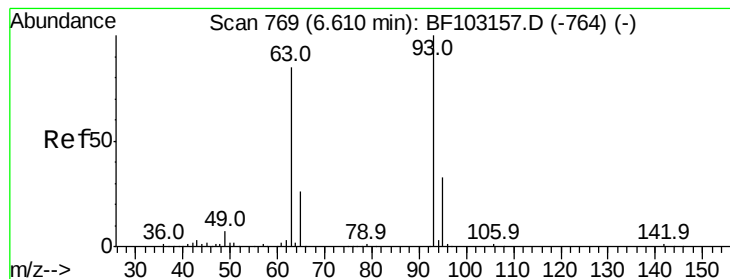


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.095 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

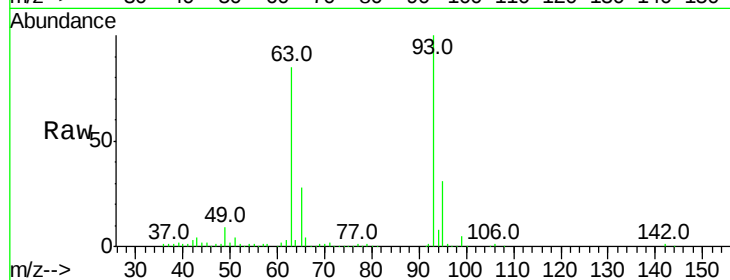
Tot Ion: 93 Resp: 316646

Ion Ratio Lower Upper

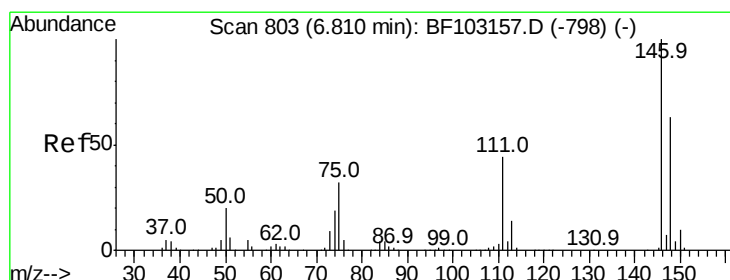
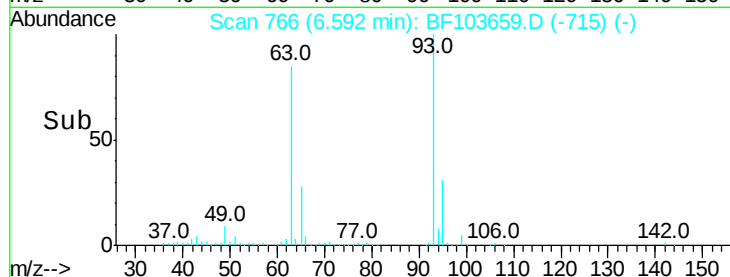
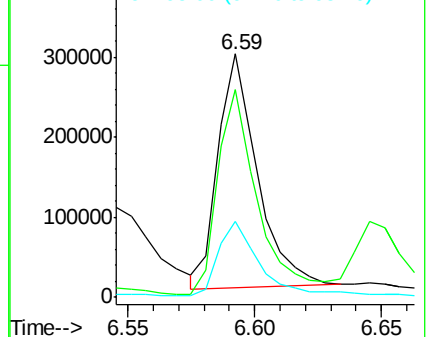
93 100

63 85.3 58.6 98.6

95 31.4 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.450 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

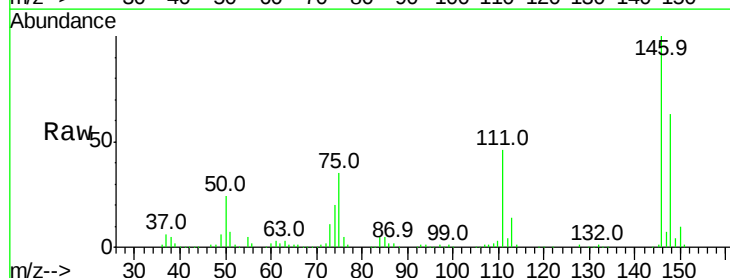
Tgt Ion: 146 Resp: 371411

Ion Ratio Lower Upper

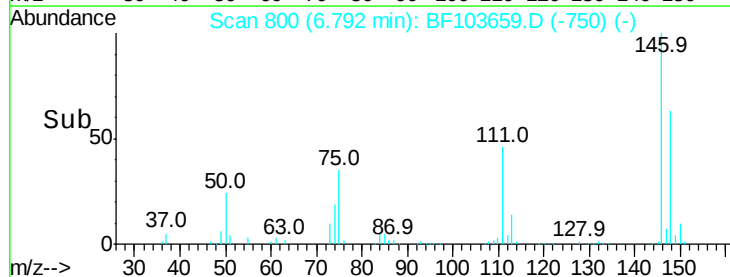
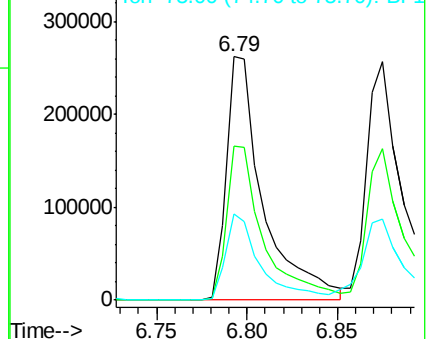
146 100

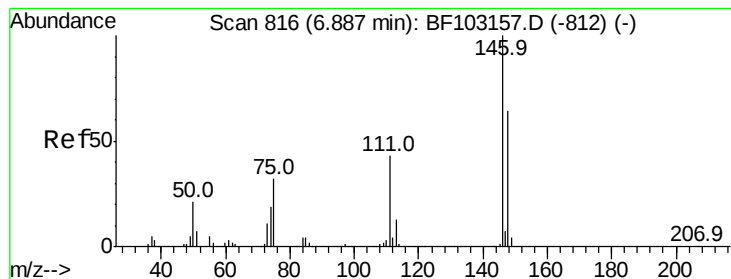
148 63.2 51.8 77.8

75 35.3 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.927 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

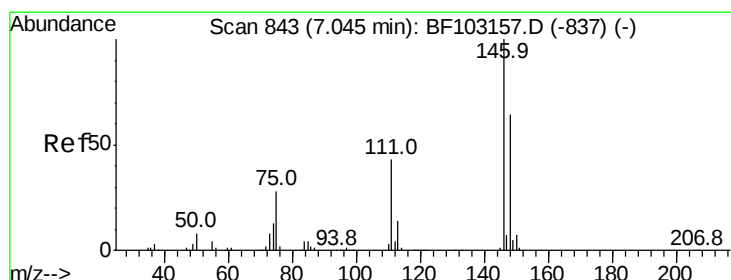
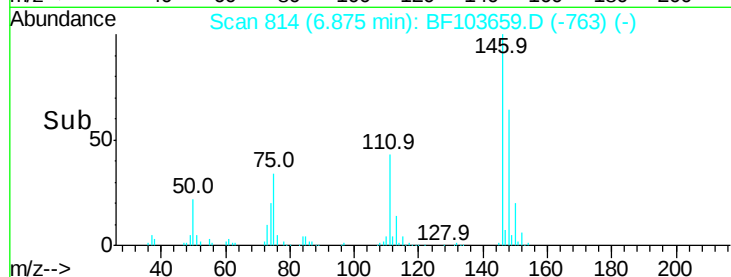
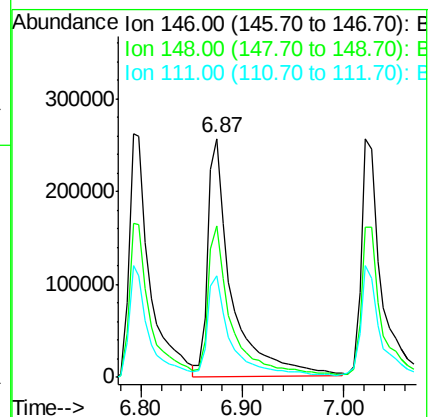
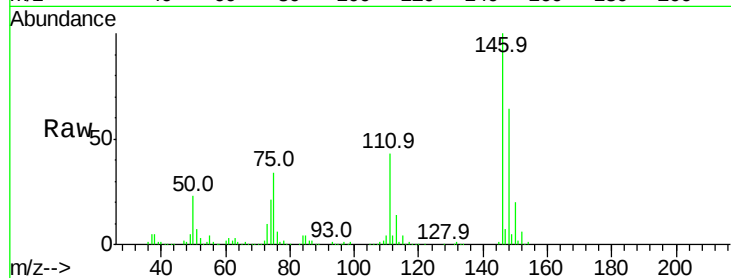
Tot Ion:146 Resp: 415721

Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 42.6 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 37.910 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

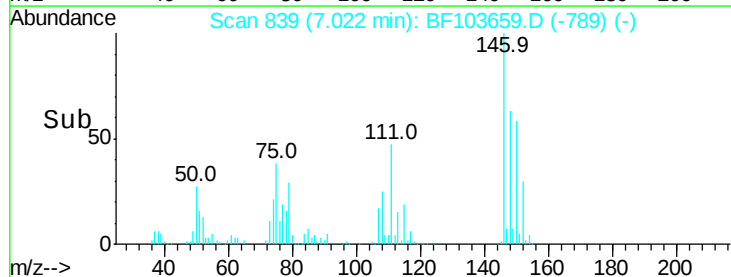
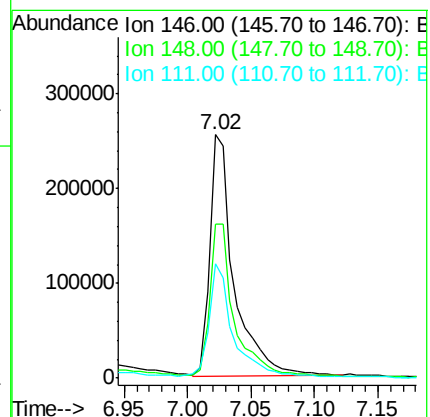
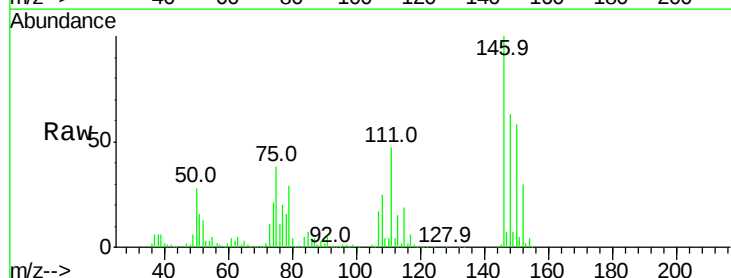
Tgt Ion:146 Resp: 338532

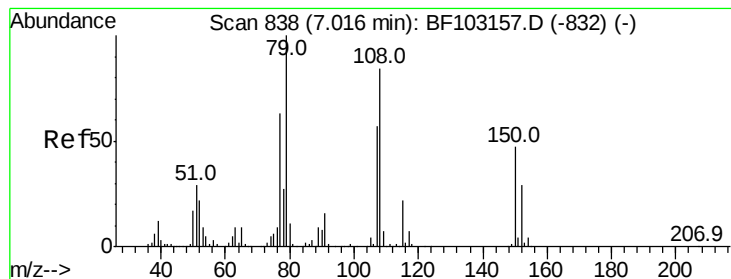
Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

111 47.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.832 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampled :

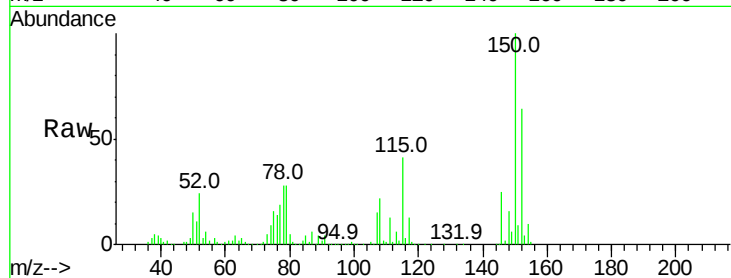
Tot Ion: 79 Resp: 276338

Ion Ratio Lower Upper

79 100

108 79.4 65.1 97.7

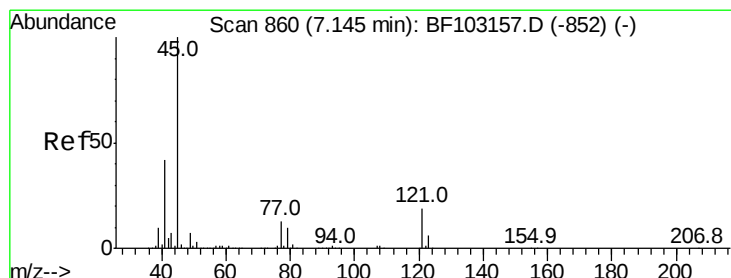
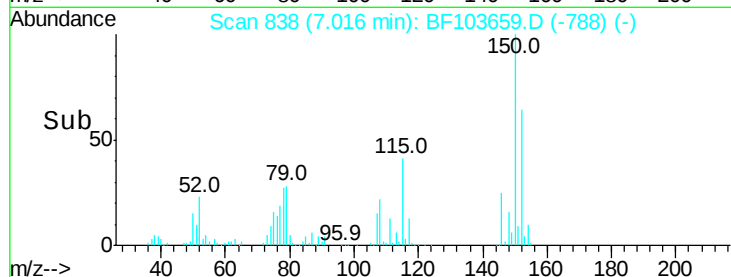
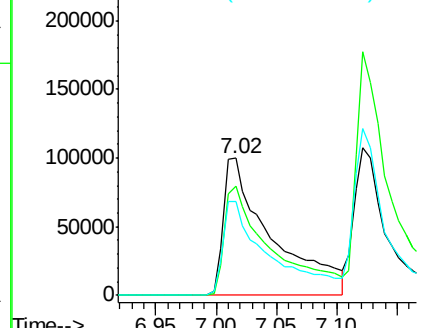
77 68.2 50.6 75.8



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: 39.187 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

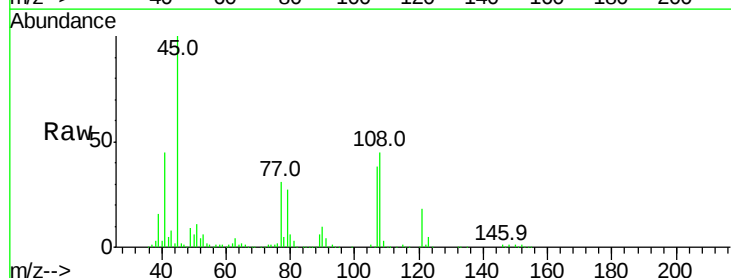
Tgt Ion: 45 Resp: 590317

Ion Ratio Lower Upper

45 100

77 30.8 0.0 32.9

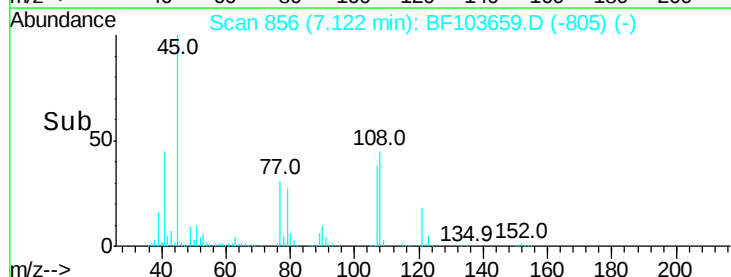
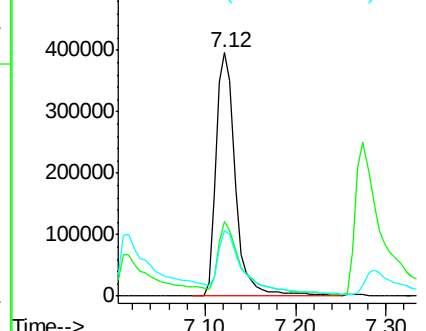
79 27.1 0.0 29.6

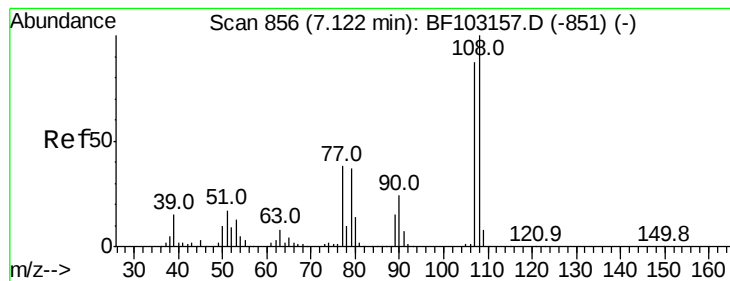


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

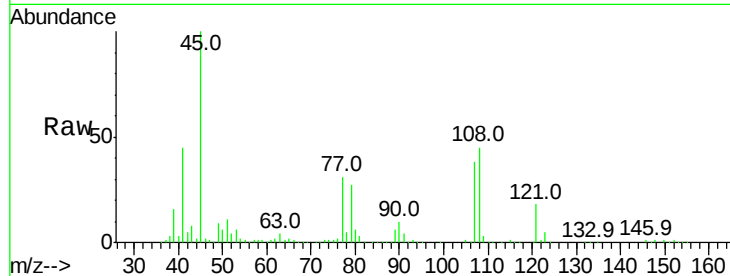




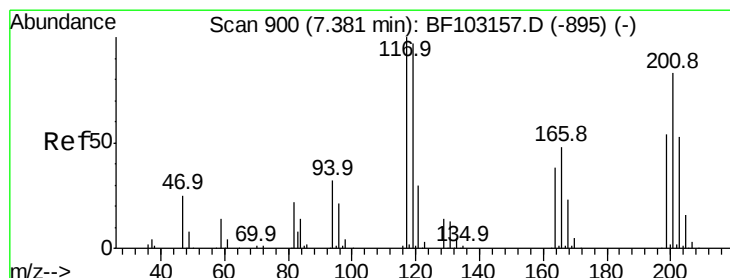
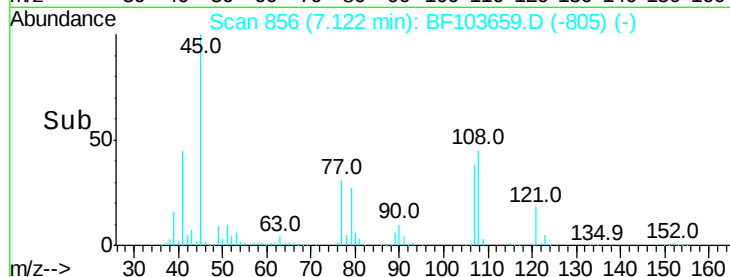
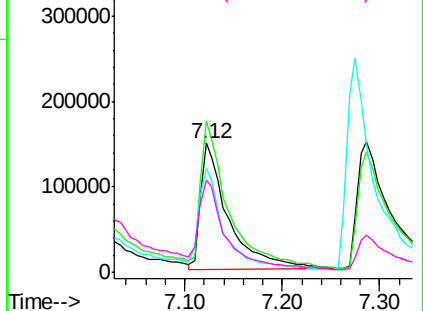
#17
2-Methylphenol
Concen: 38.226 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 293634
Ion Ratio Lower Upper
107 100
108 117.5 91.7 137.5
77 80.8 33.8 50.8#
79 71.3 33.8 50.8#

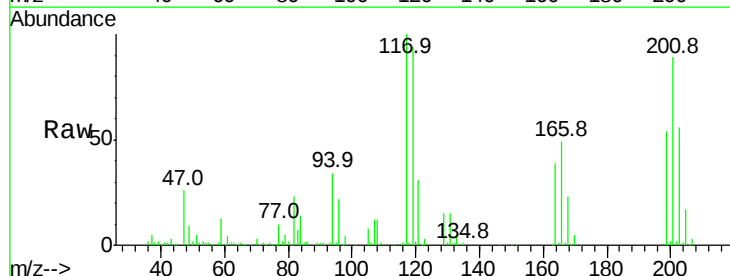


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

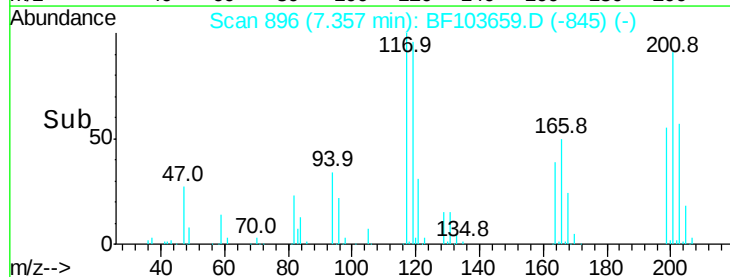
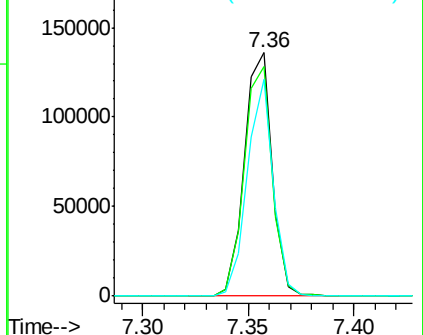


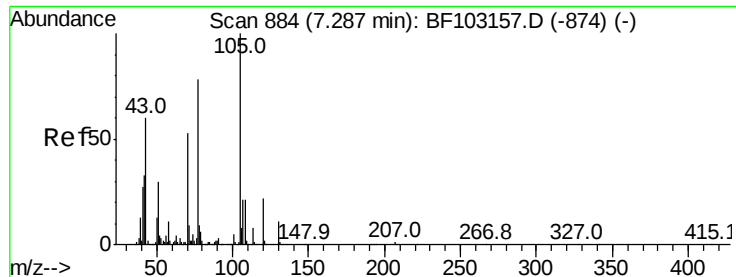
#18
Hexachloroethane
Concen: 35.338 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:117 Resp: 124585
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.8
201 89.1 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

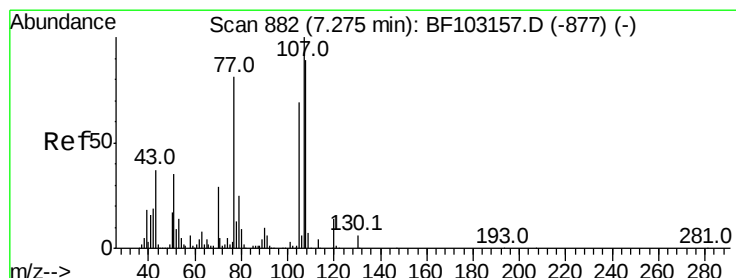
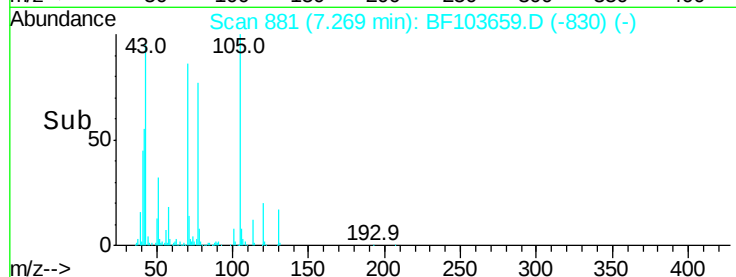
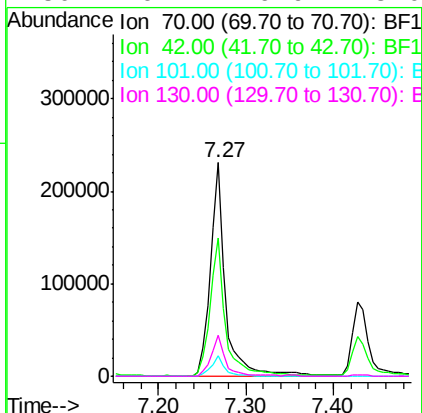
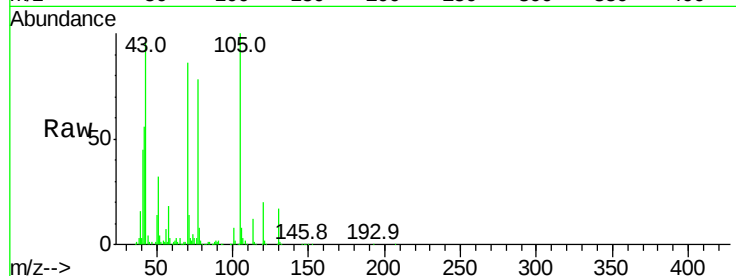




#19
n-Nitroso-di-n-propylamine
Concen: 45.058 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

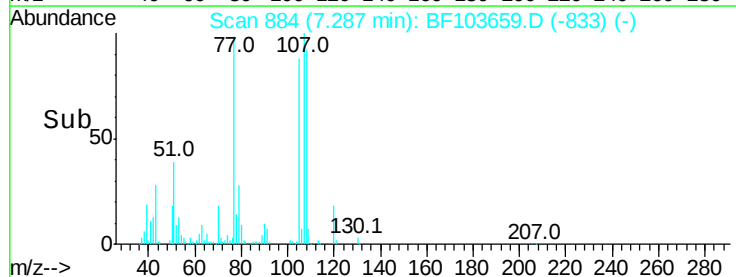
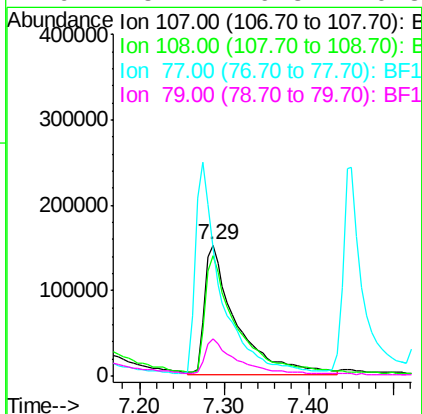
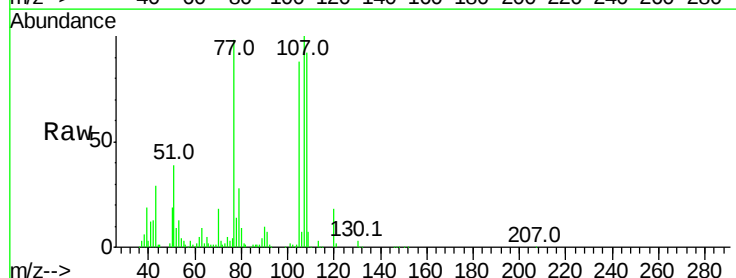
Instrument :
BNA_F
ClientSampleId :

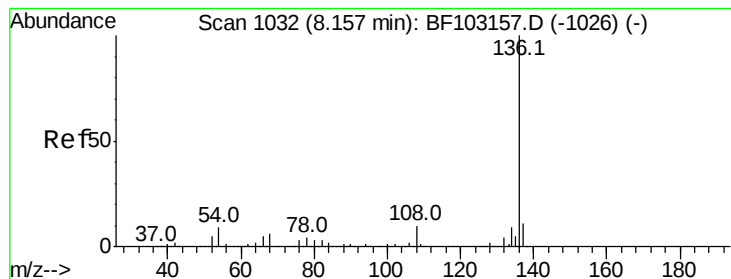
Tot Ion: 70 Resp: 279205
Ion Ratio Lower Upper
70 100
42 64.6 47.5 71.3
101 9.6 7.4 11.2
130 19.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.792 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion: 107 Resp: 400692
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 98.0 26.7 66.7#
79 28.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 522542

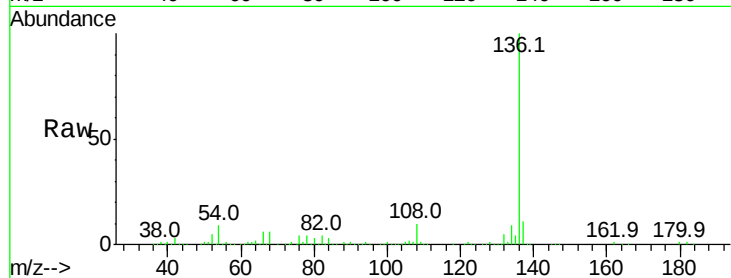
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 9.1 6.6 9.8

68 6.1 5.0 7.4

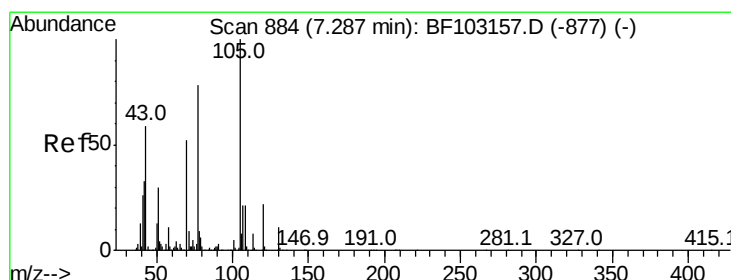
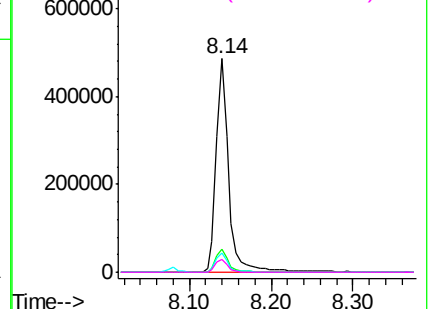
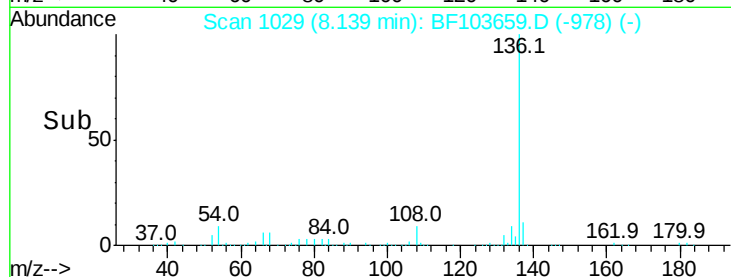


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.434 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Tgt Ion:105 Resp: 529765

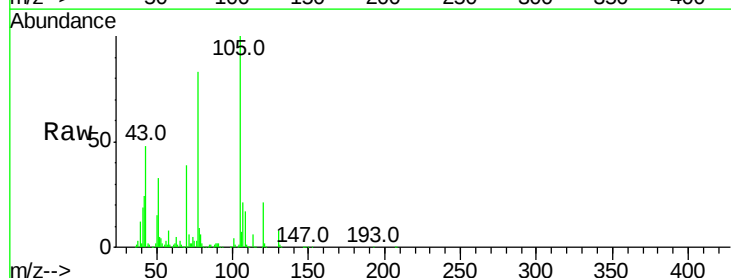
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 33.3 22.3 33.5

120 21.5 16.9 25.3

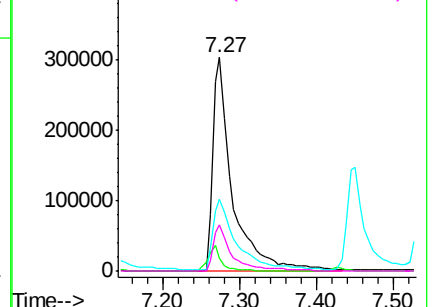
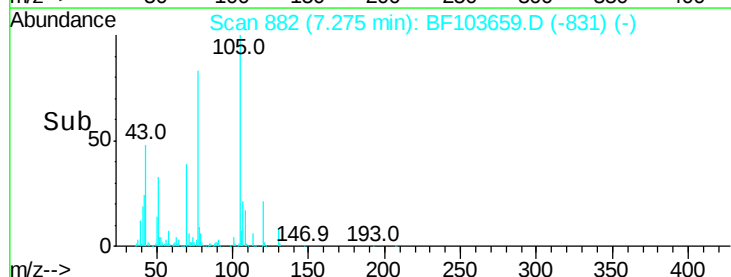


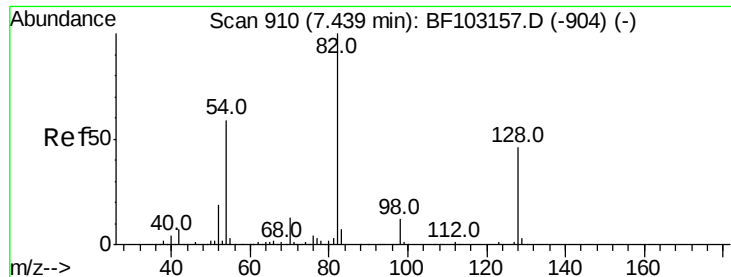
Abundance Ion 105.00 (104.70 to 105.70): E

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

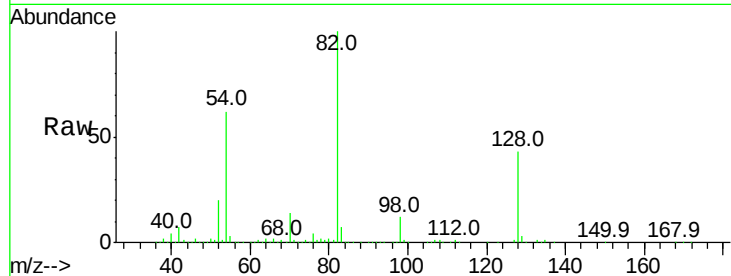




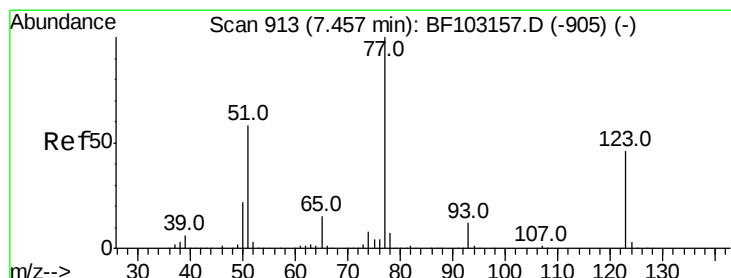
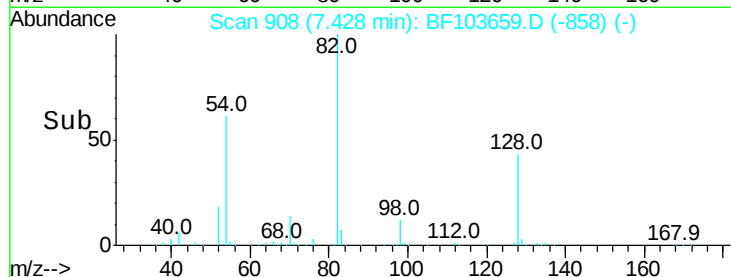
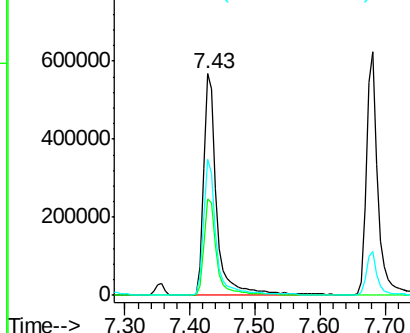
#23
Nitrobenzene-d5
Concen: 87.157 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 797487
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 61.5 41.4 62.2

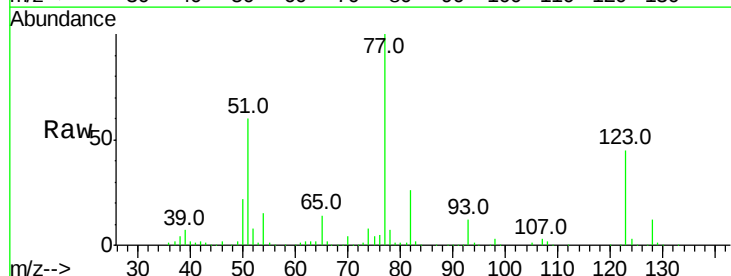


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

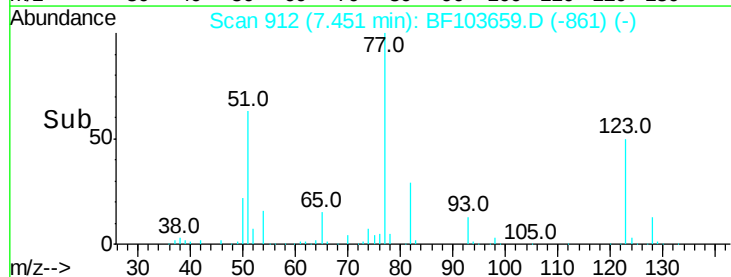
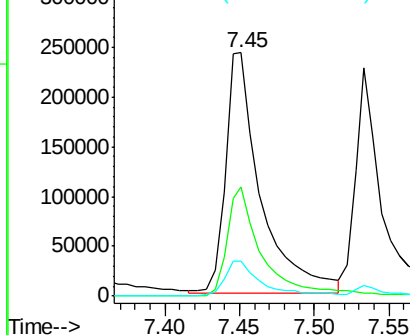


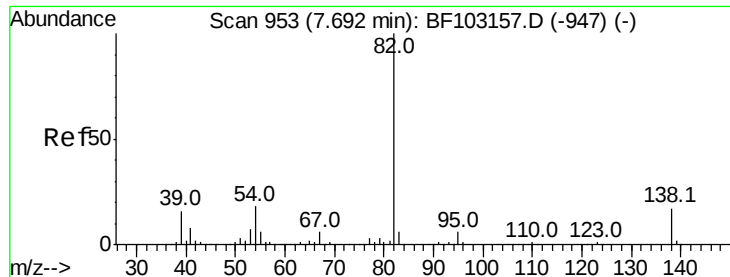
#24
Nitrobenzene
Concen: 39.801 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion: 77 Resp: 400956
Ion Ratio Lower Upper
77 100
123 44.9 37.9 56.9
65 14.3 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: 42.849 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

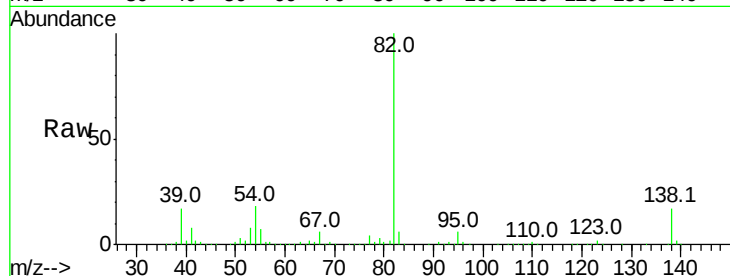
Tot Ion: 82 Resp: 772180

Ion Ratio Lower Upper

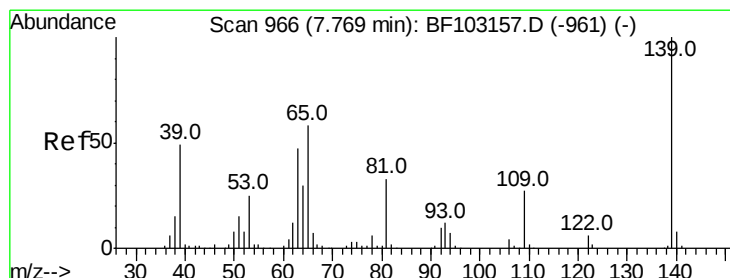
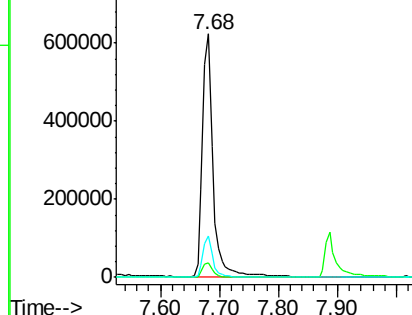
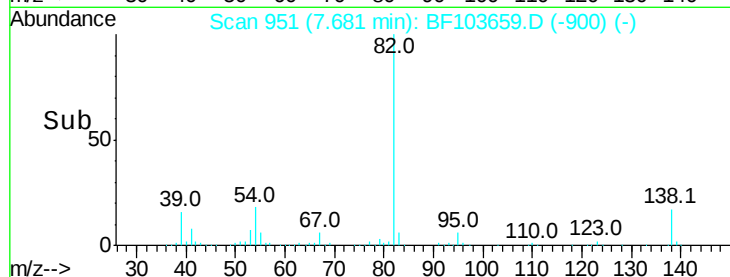
82 100

95 6.2 5.2 7.8

138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.860 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

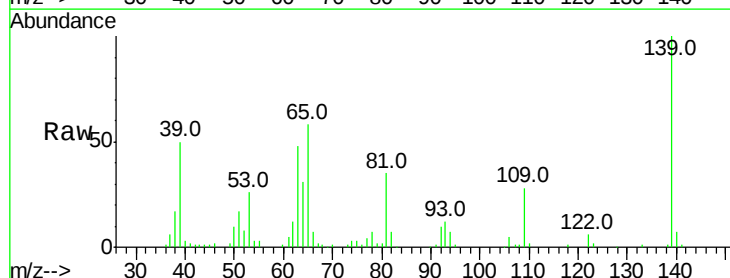
Tgt Ion: 139 Resp: 184295

Ion Ratio Lower Upper

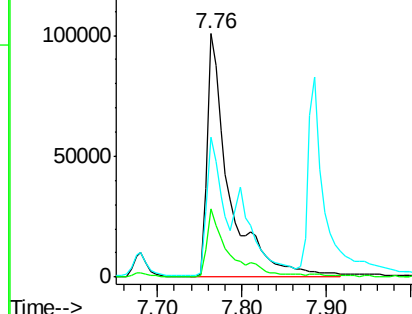
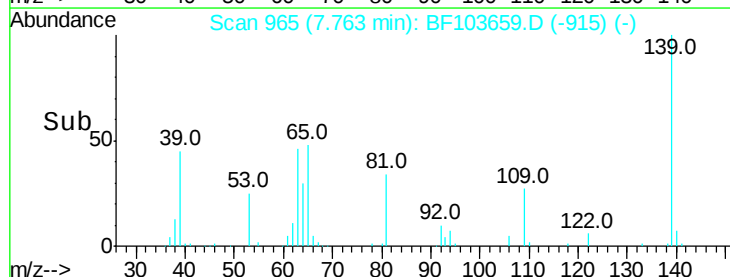
139 100

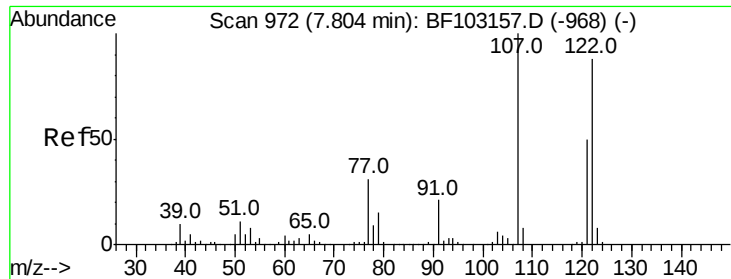
109 27.9 22.7 34.1

65 57.6 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

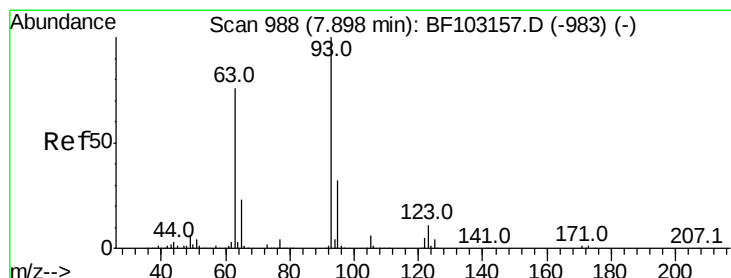
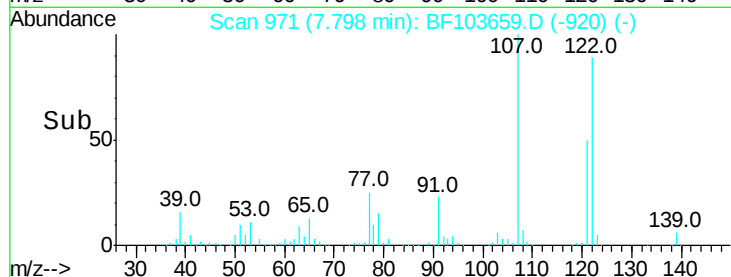
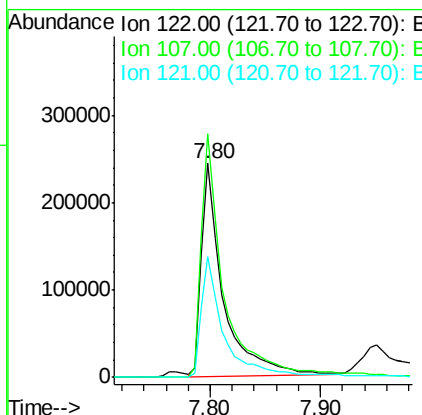
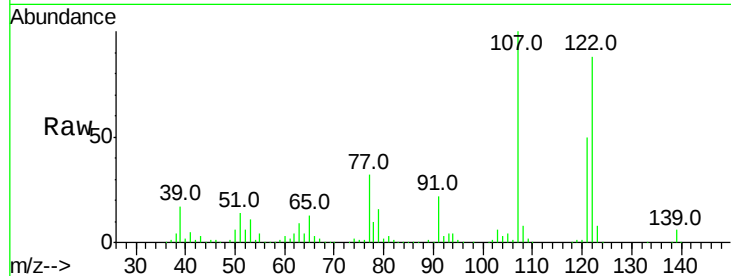




#27
 2,4-Dimethylphenol
 Concen: 45.424 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

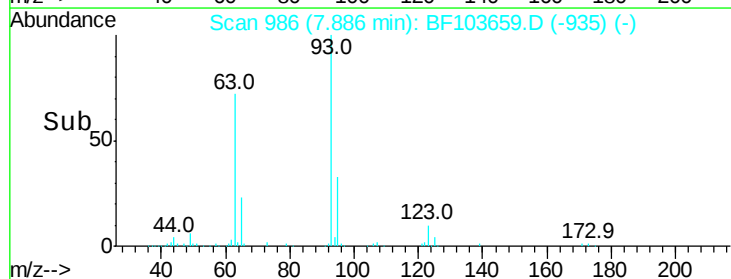
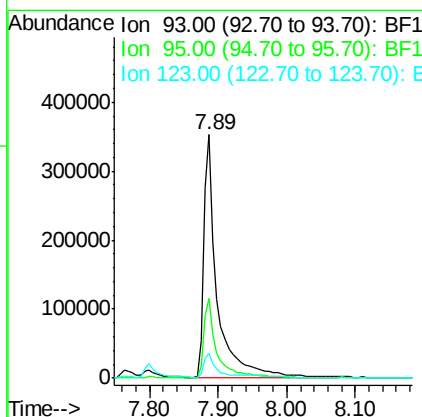
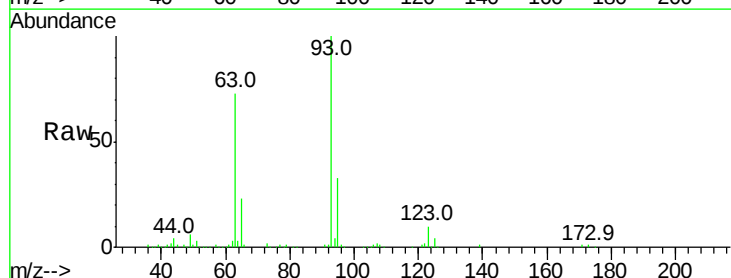
Instrument :
 BNA_F
 ClientSampleId :

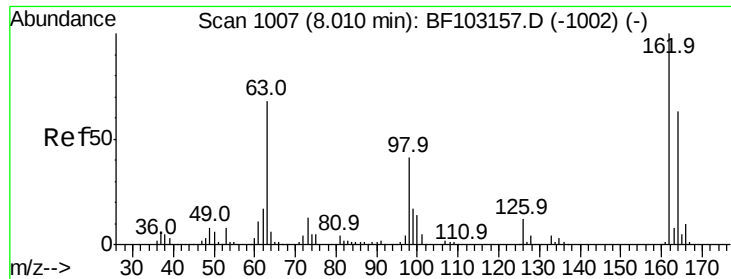
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	56.6	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.934 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	10.2	9.8	14.6

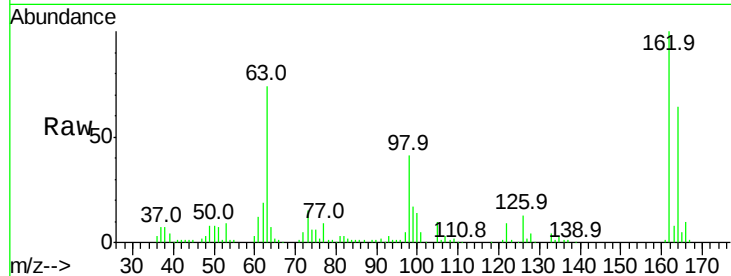




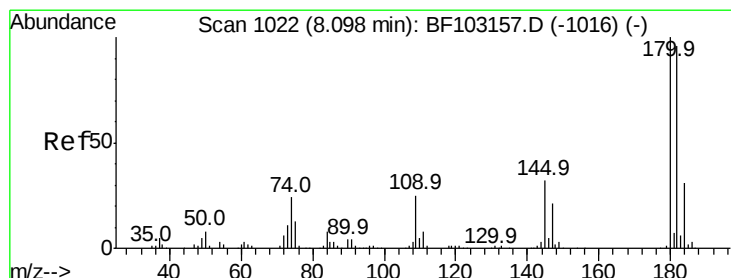
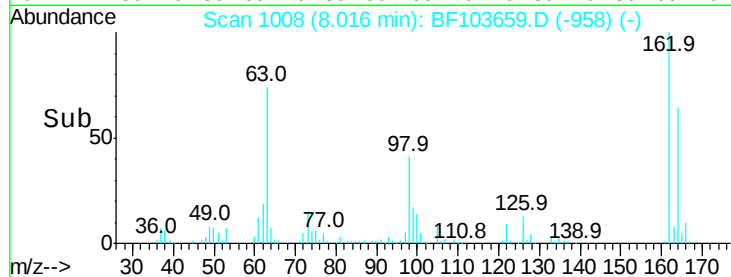
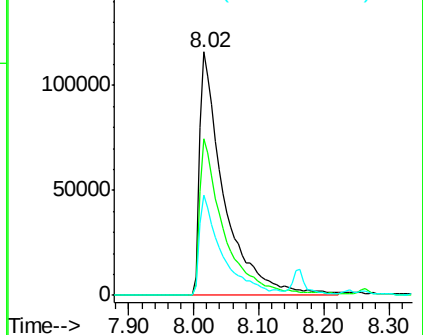
#29
 2,4-Dichlorophenol
 Concen: 43.392 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 301154
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.7 82.7
 98 41.2 18.1 58.1

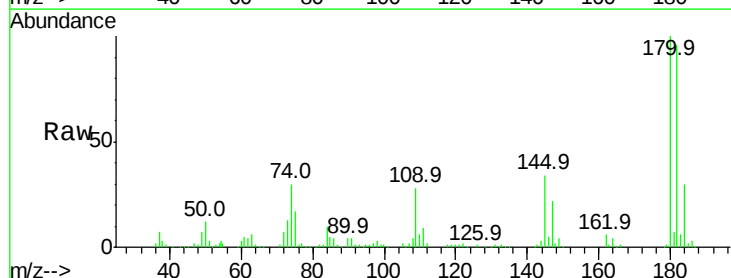


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

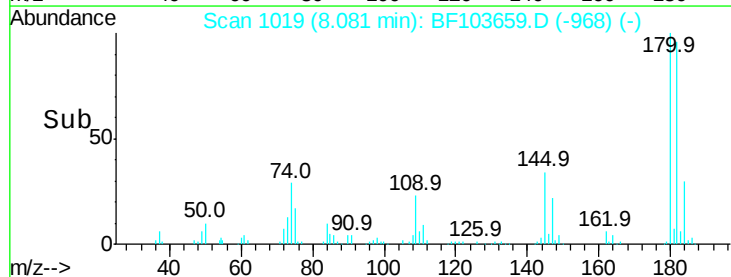
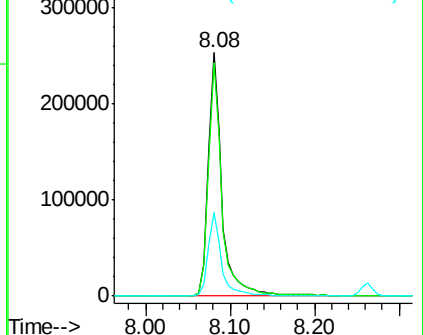


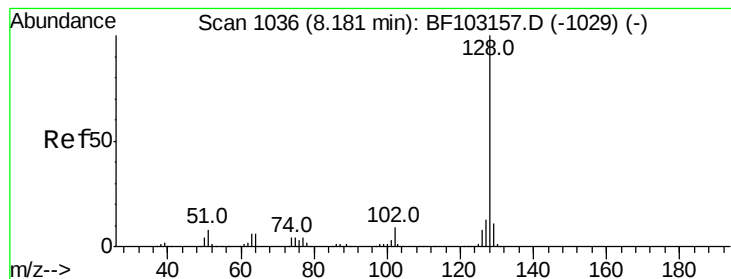
#30
 1,2,4-Trichlorobenzene
 Concen: 39.100 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:180 Resp: 288977
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.8 115.2
 145 34.2 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: 41.265 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

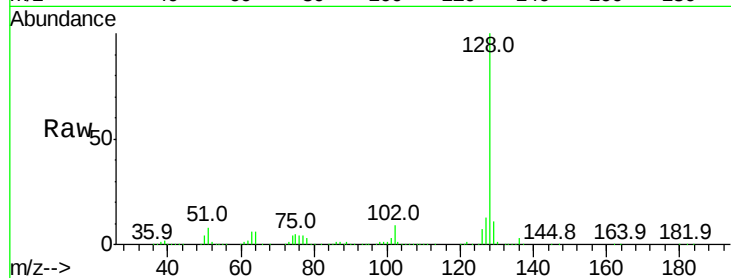
Tot Ion:128 Resp: 1055670

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

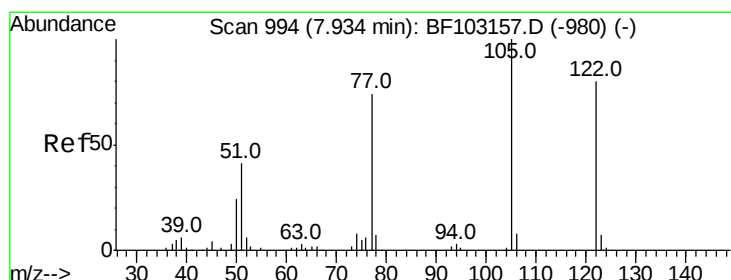
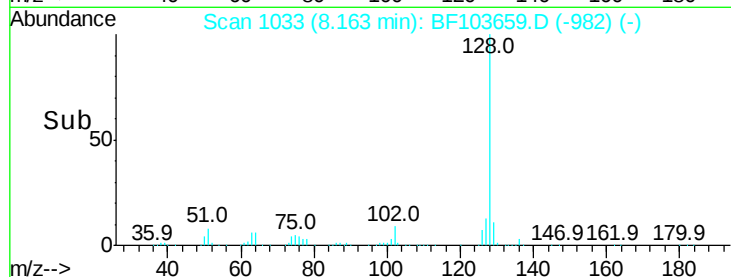
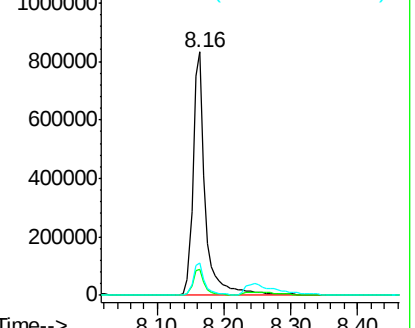
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.305 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

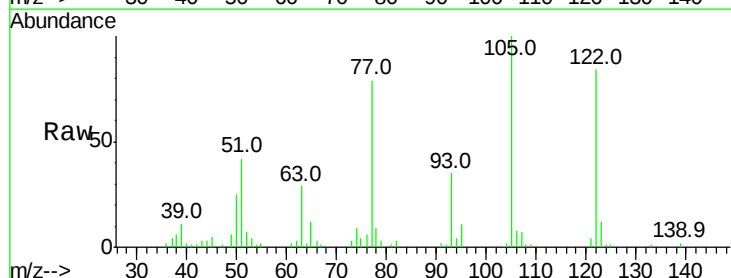
Tgt Ion:122 Resp: 102986

Ion Ratio Lower Upper

122 100

105 119.2 101.1 141.1

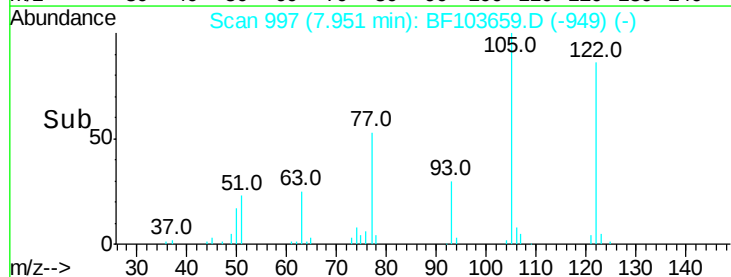
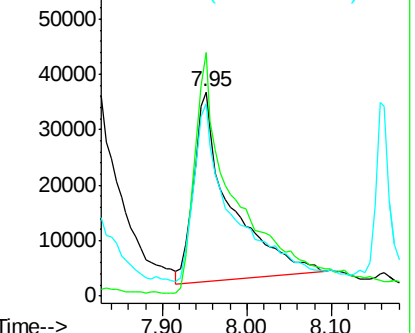
77 94.0 70.7 110.7

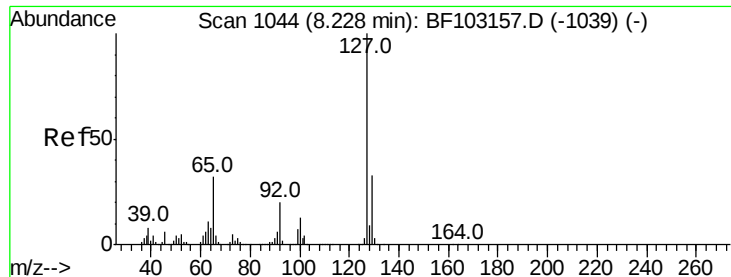


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

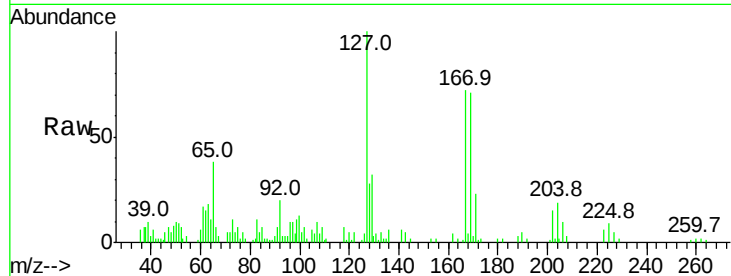




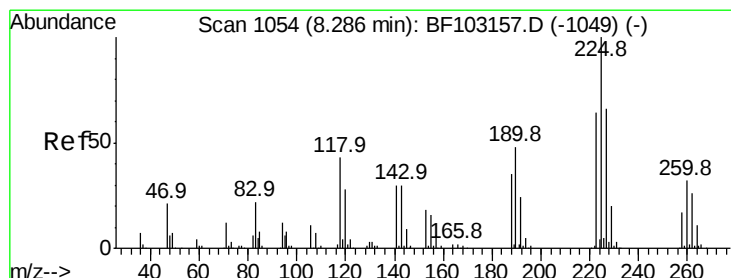
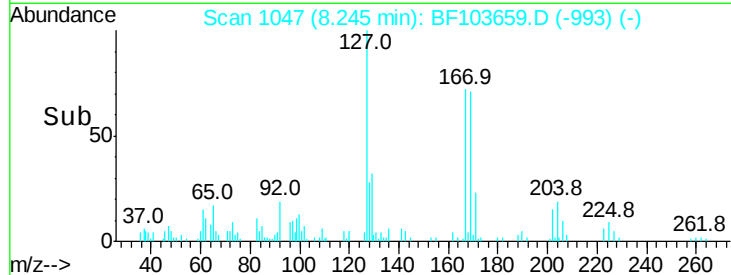
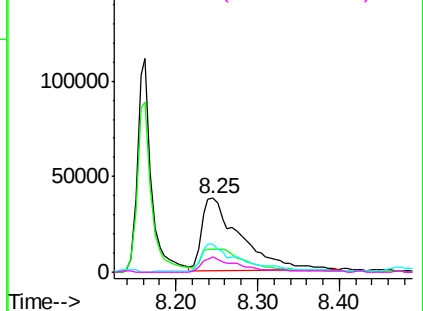
#33
 4-Chloroaniline
 Concen: 11.393 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	125769
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	37.7	25.0	37.4#
92	20.0	15.2	22.8

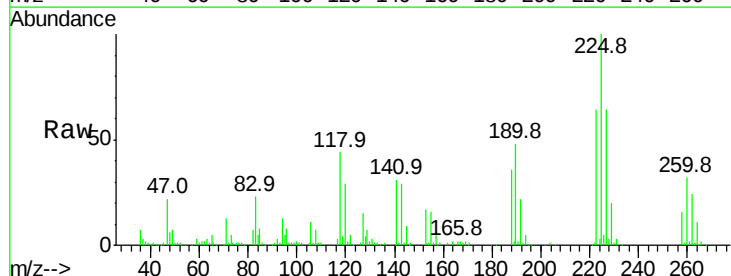


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

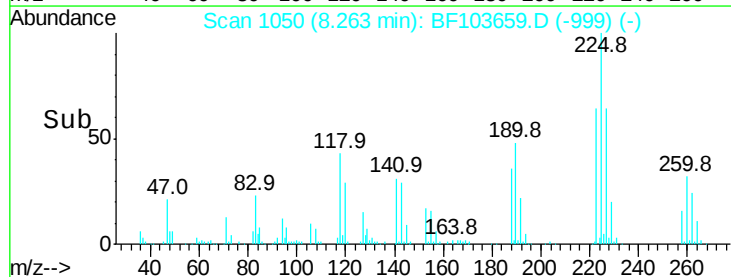
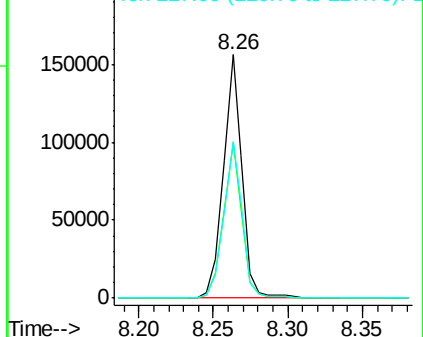


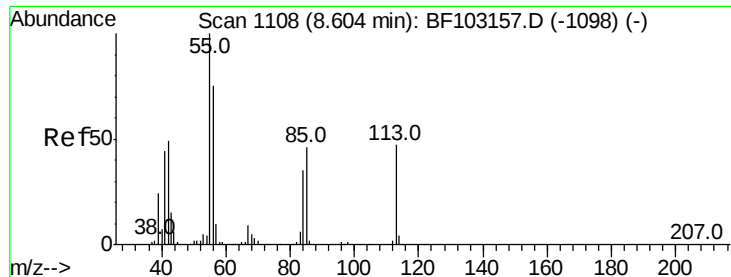
#34
 Hexachlorobutadiene
 Concen: 35.993 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:	225	Resp:	138526
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.1	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: 36.681 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

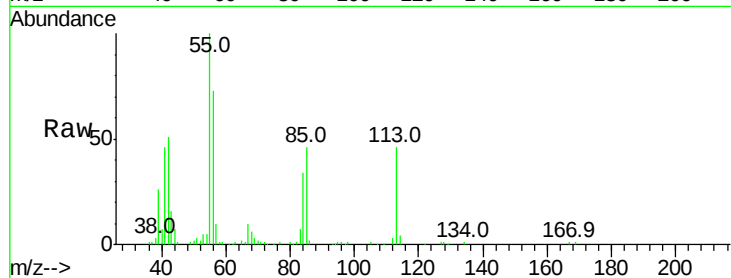
Tot Ion:113 Resp: 89474

Ion Ratio Lower Upper

113 100

55 218.8 163.3 203.3#

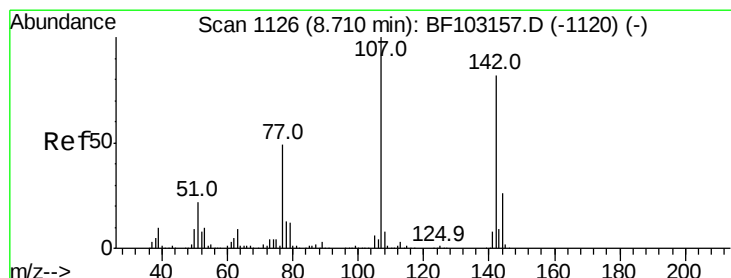
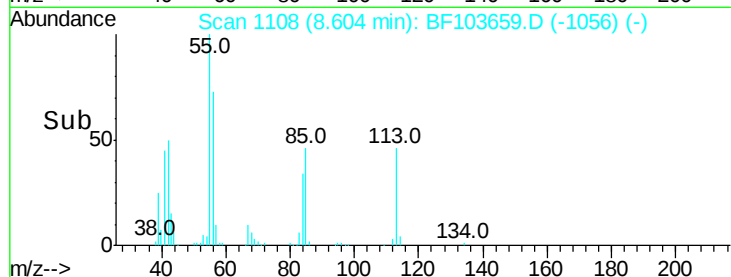
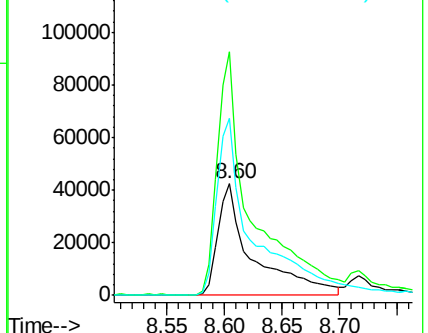
56 159.0 115.7 155.7#



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: 42.615 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

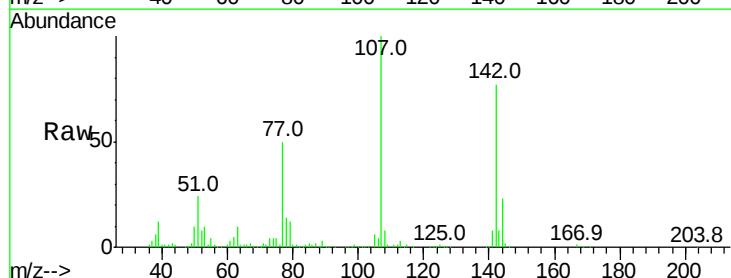
Tgt Ion:107 Resp: 333601

Ion Ratio Lower Upper

107 100

144 23.4 20.5 30.7

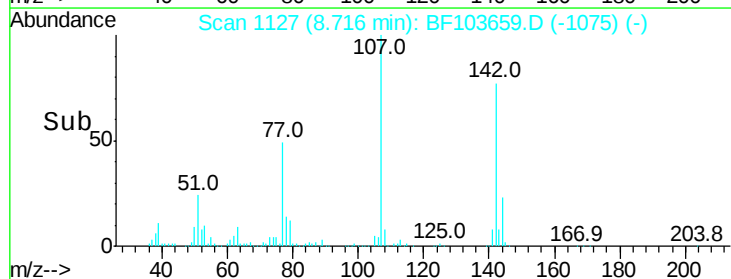
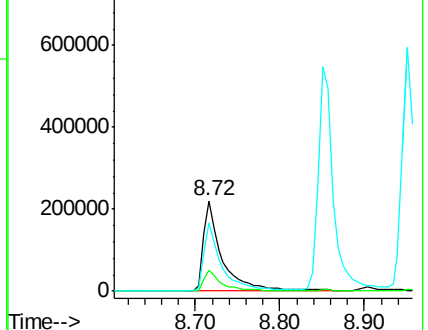
142 76.6 62.0 93.0

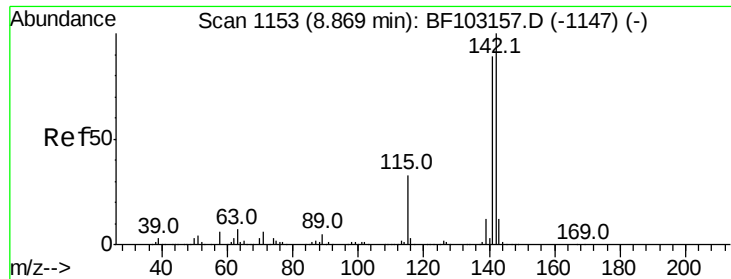


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.135 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

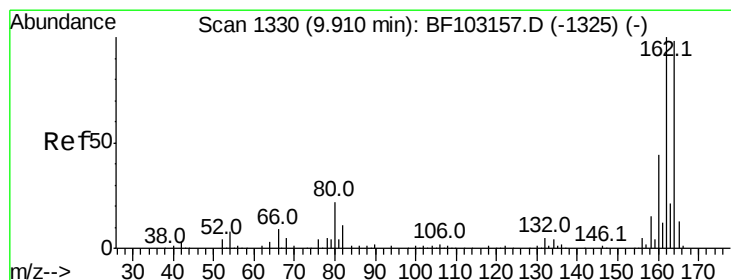
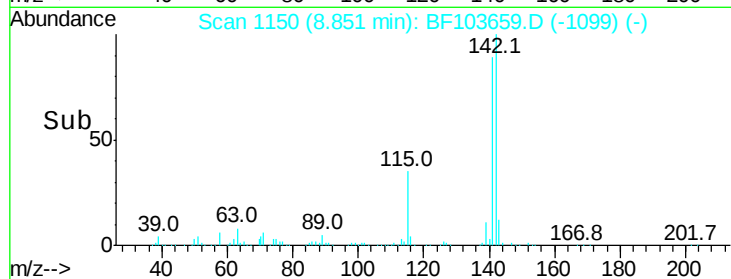
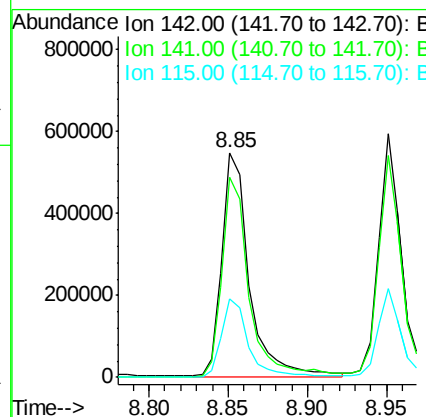
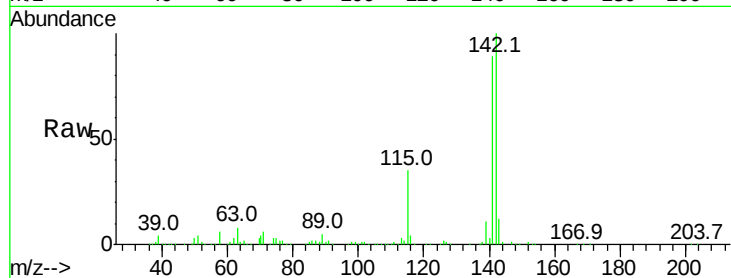
Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 663578

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	34.7	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

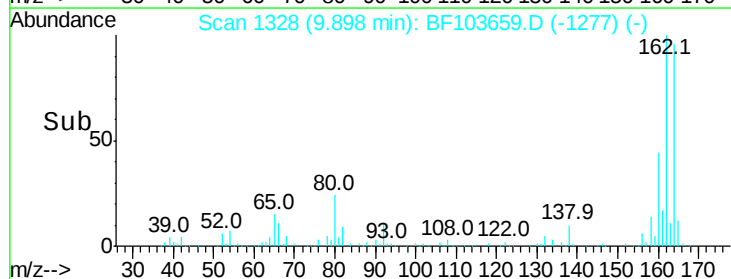
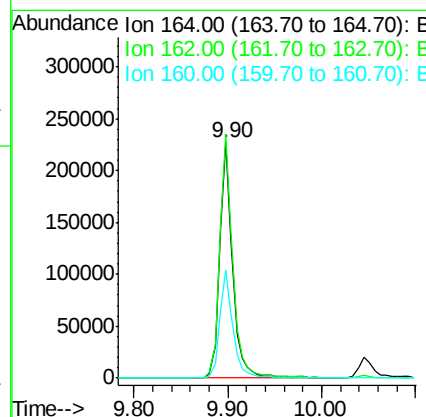
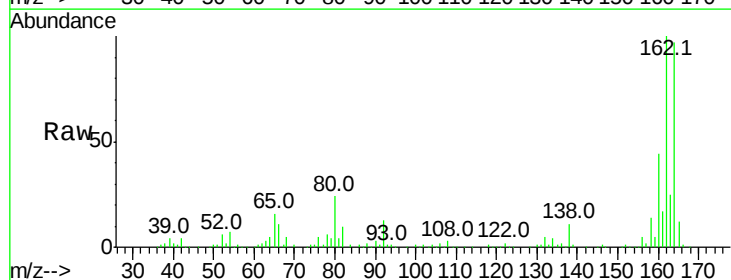
Delta R.T. 0.00 min

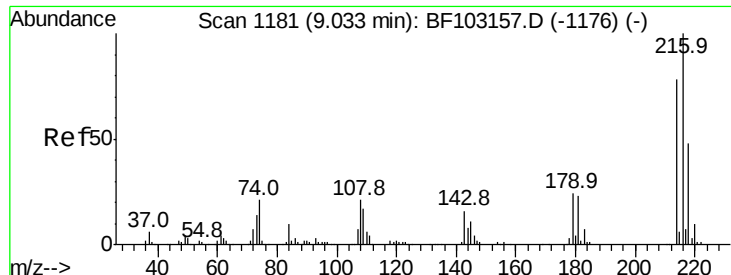
Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Tgt Ion:164 Resp: 225935

Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.6	38.3	57.5

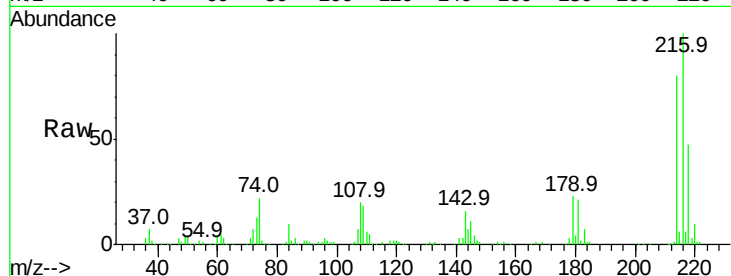




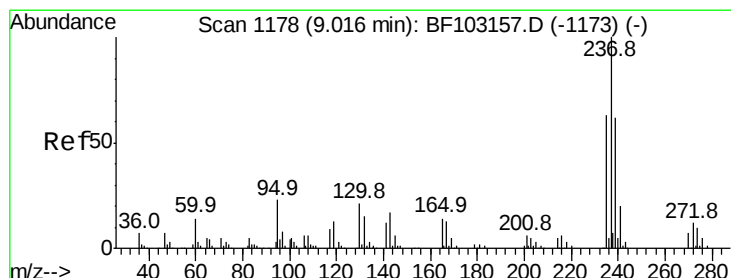
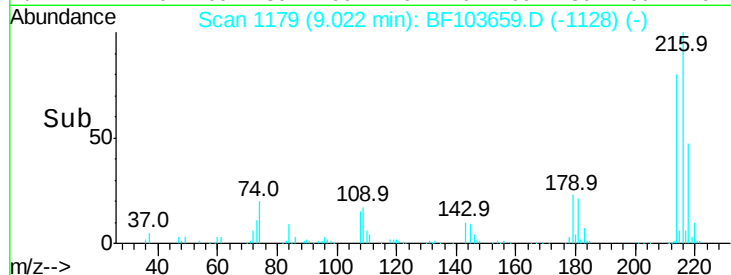
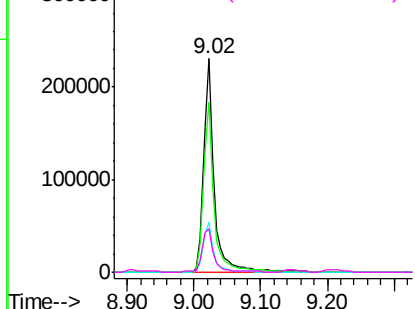
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.428 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	249710
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	23.1	18.1	27.1
108	21.9	17.2	25.8

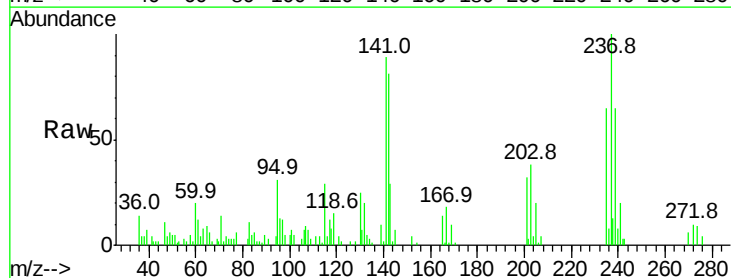


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

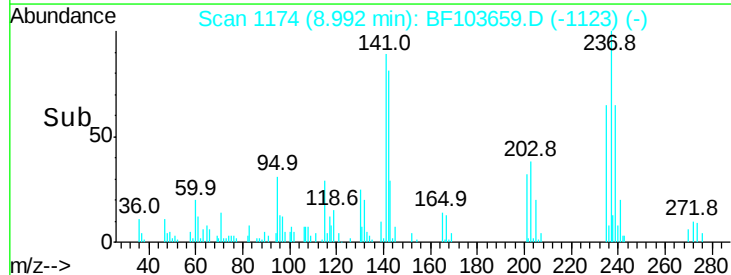
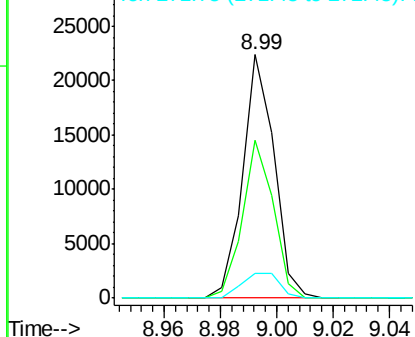


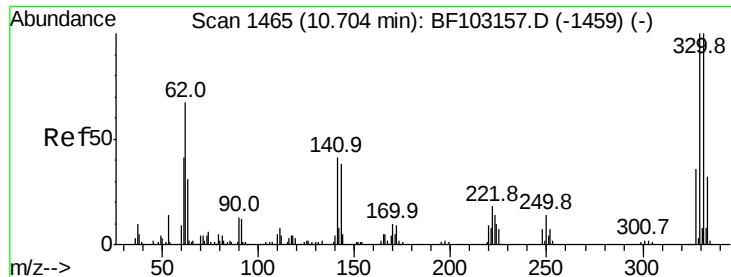
#40
 Hexachlorocyclopentadiene
 Concen: 15.946 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:	237	Resp:	17300
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	10.1	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

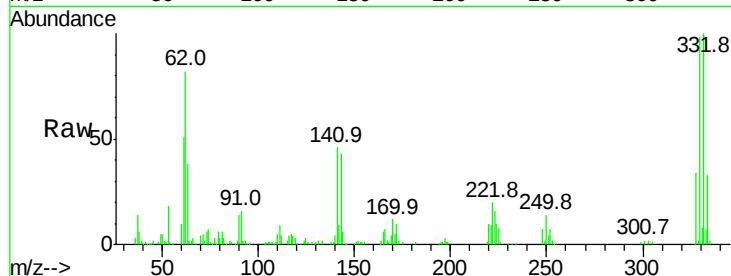




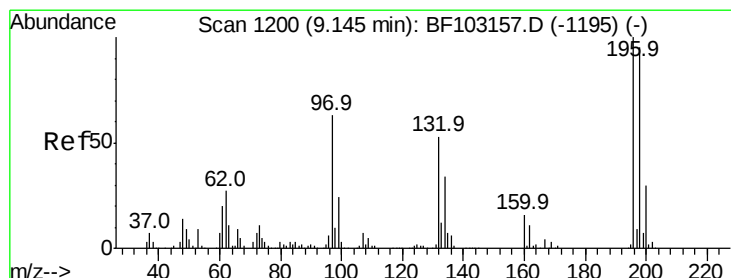
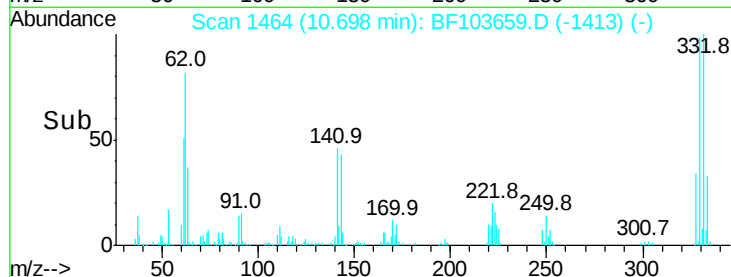
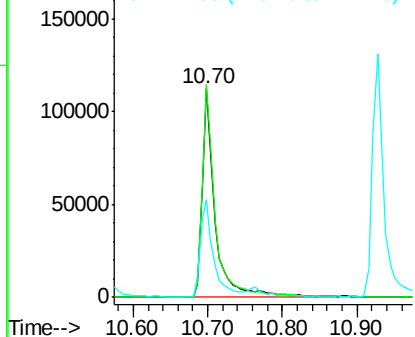
#41
 2,4,6-Tribromophenol
 Concen: 73.388 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 140348
 Ion Ratio Lower Upper
 330 100
 332 101.6 77.0 115.6
 141 45.8 29.9 44.9#

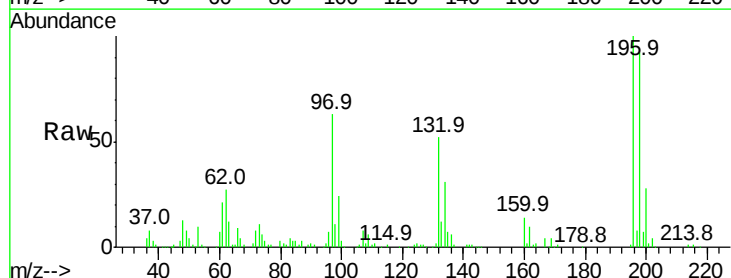


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

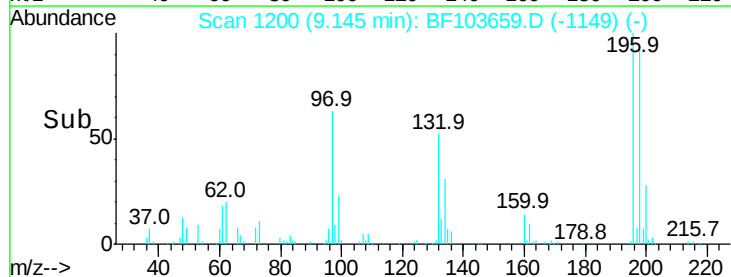
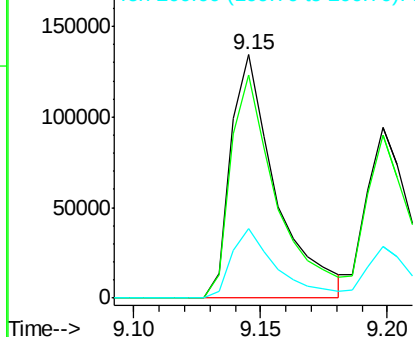


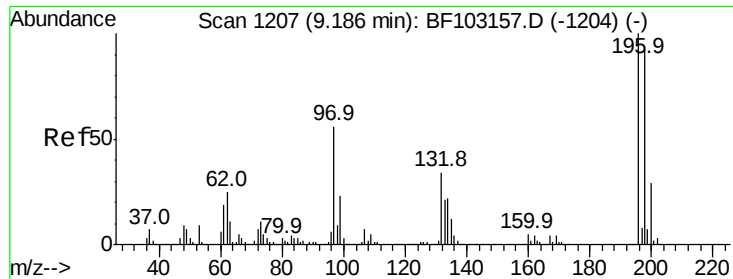
#42
 2,4,6-Trichlorophenol
 Concen: 40.145 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:196 Resp: 166847
 Ion Ratio Lower Upper
 196 100
 198 91.7 75.7 113.5
 200 28.4 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

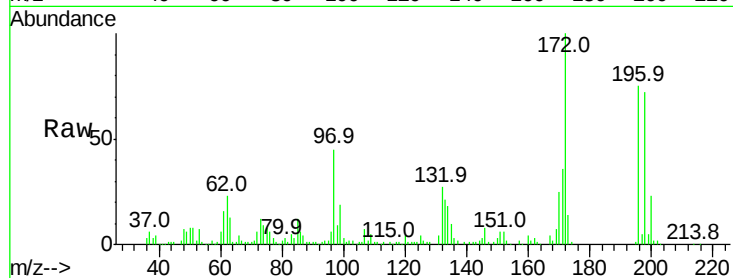




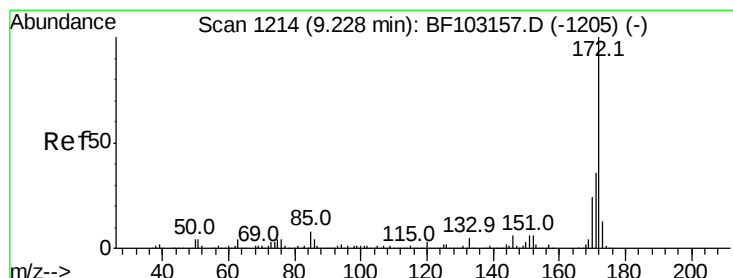
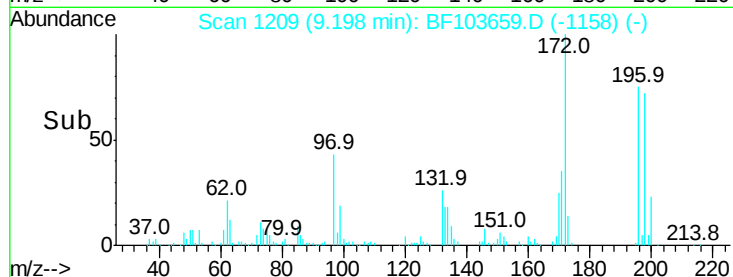
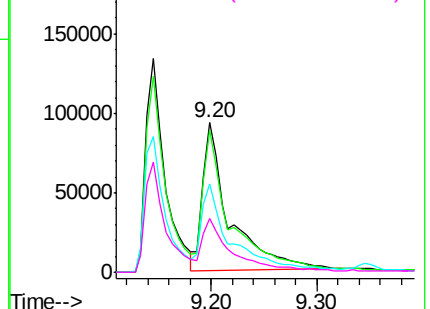
#43
 2,4,5-Trichlorophenol
 Concen: 34.292 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	163919
Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	59.5	42.9	64.3
132	35.7	26.3	39.5

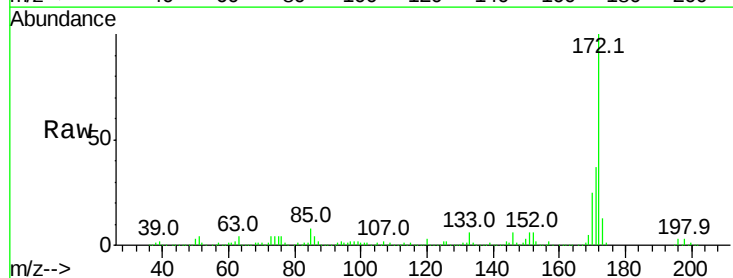


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

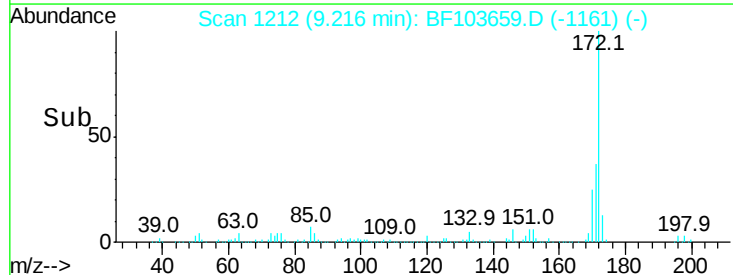
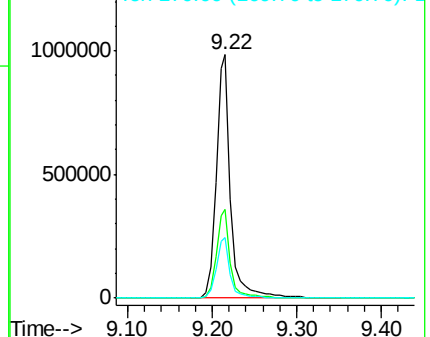


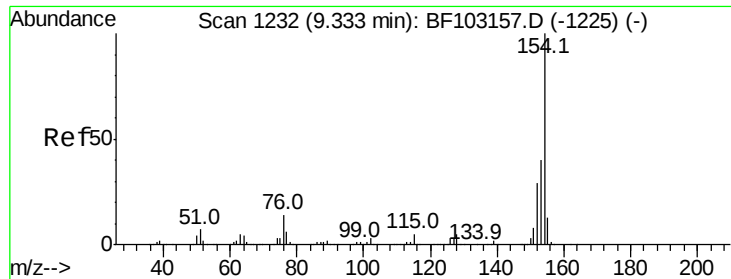
#44
 2-Fluorobiphenyl
 Concen: 91.952 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:	172	Resp:	1183086
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.7	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: 40.271 ng

RT: 9.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

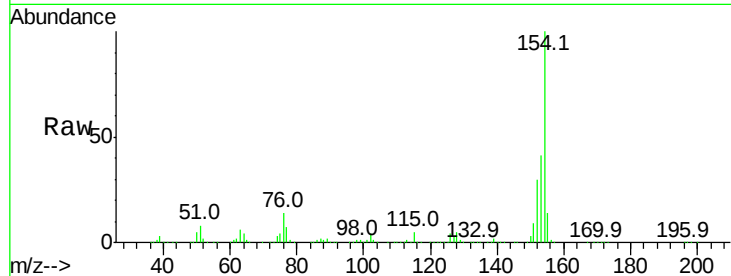
Tot Ion:154 Resp: 762412

Ion Ratio Lower Upper

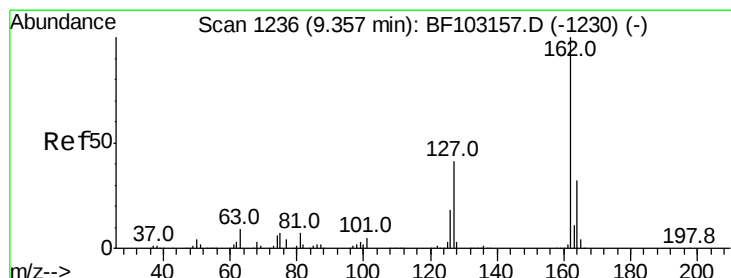
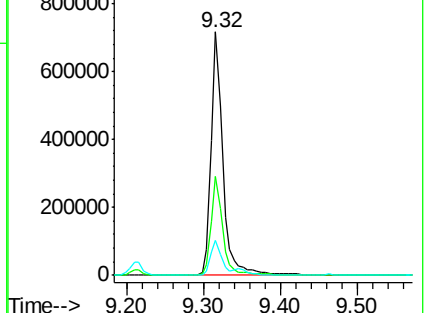
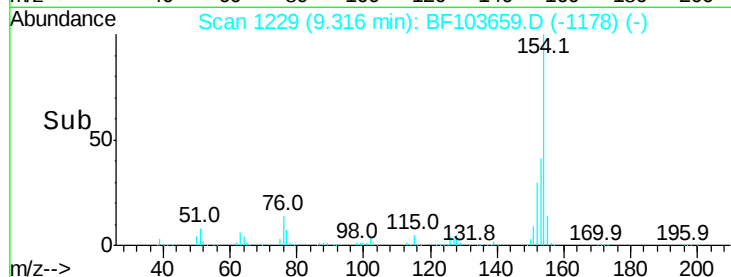
154 100

153 40.7 21.3 61.3

76 14.3 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: 40.283 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

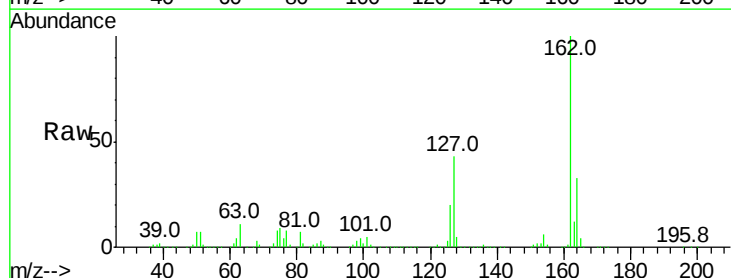
Tgt Ion:162 Resp: 603353

Ion Ratio Lower Upper

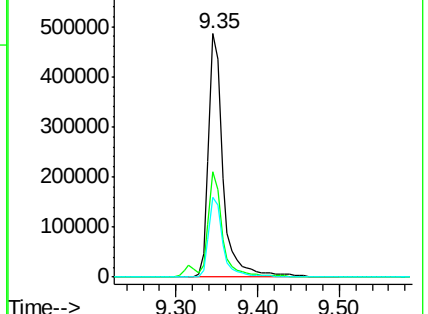
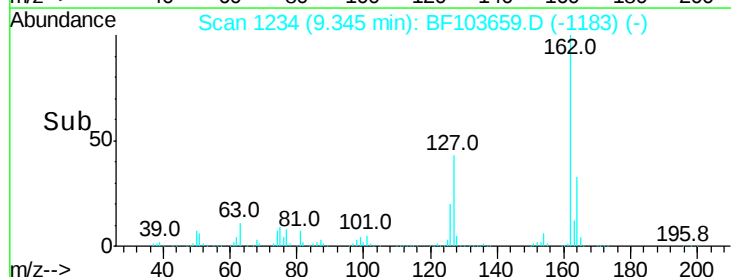
162 100

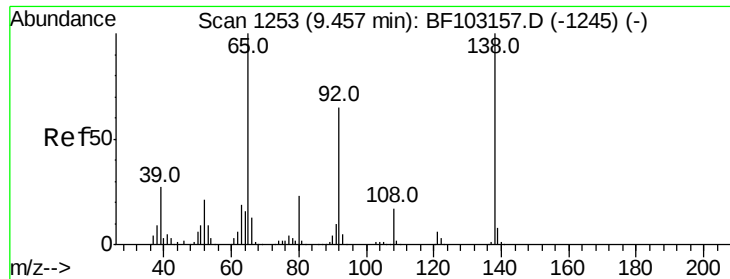
127 43.1 33.9 50.9

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: 44.365 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

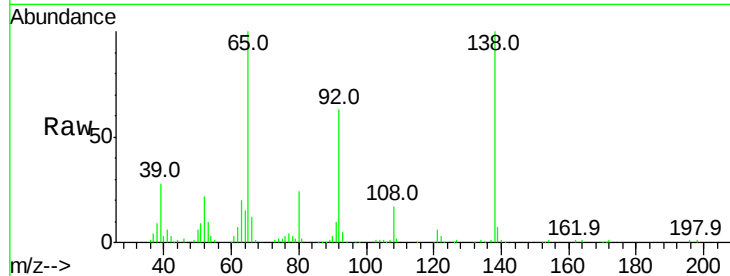
Tot Ion: 65 Resp: 246144

Ion Ratio Lower Upper

65 100

92 63.4 55.8 83.6

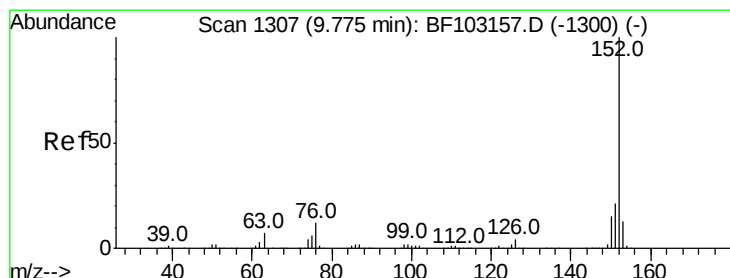
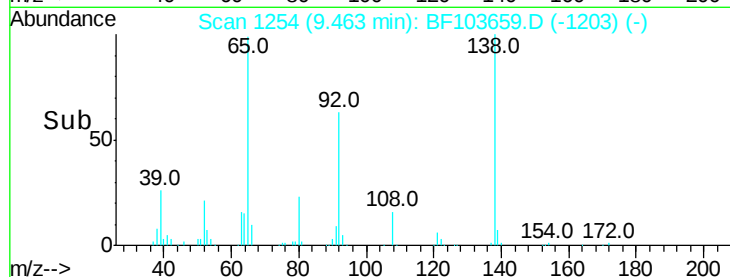
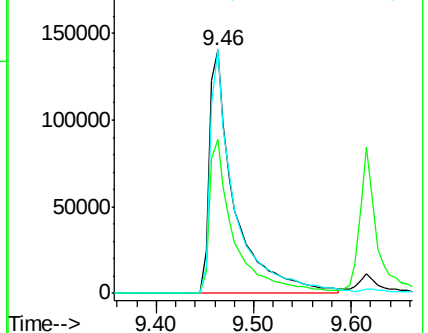
138 100.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 38.517 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

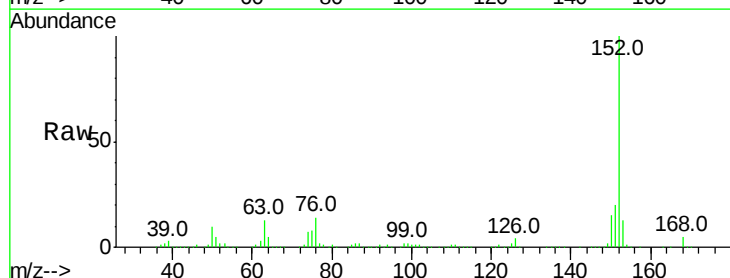
Tgt Ion: 152 Resp: 887638

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

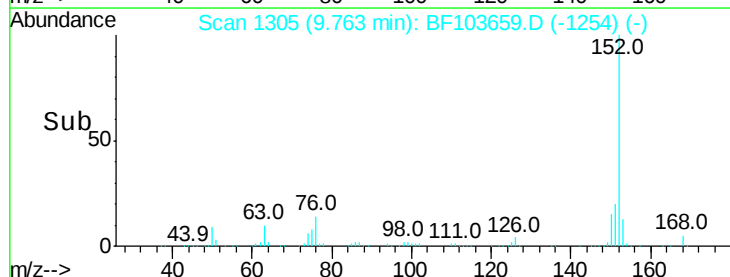
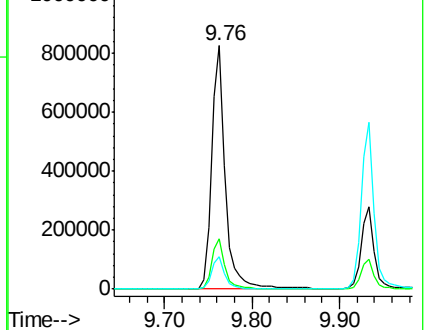
153 13.4 10.7 16.1

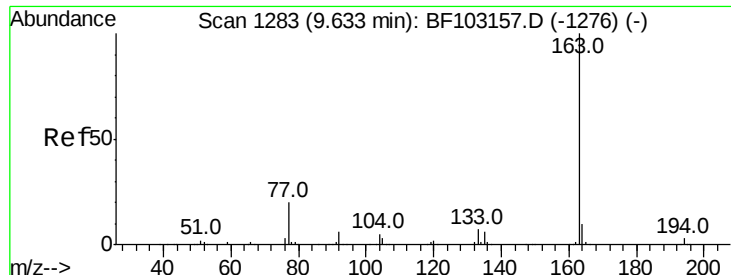


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

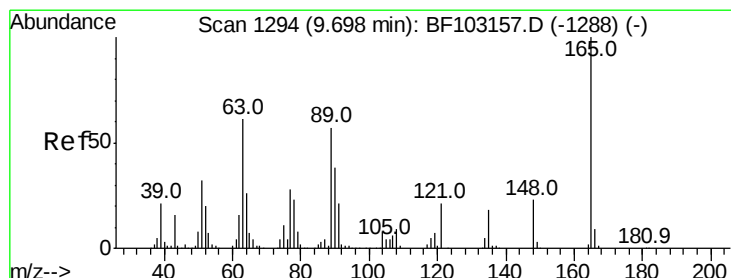
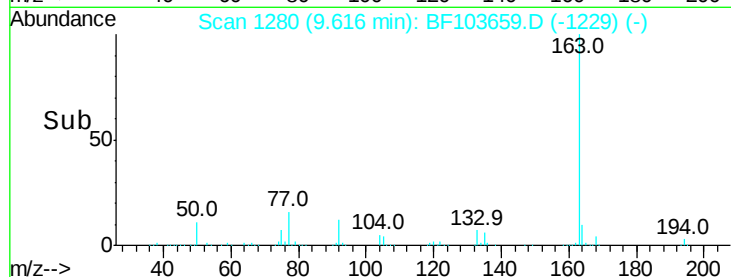
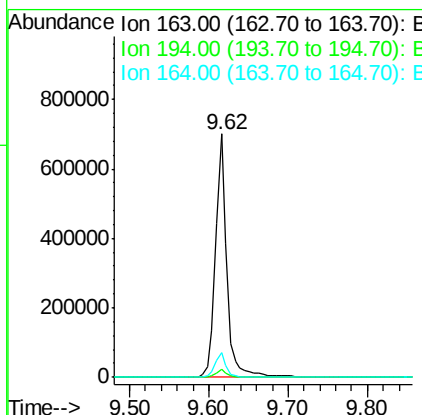
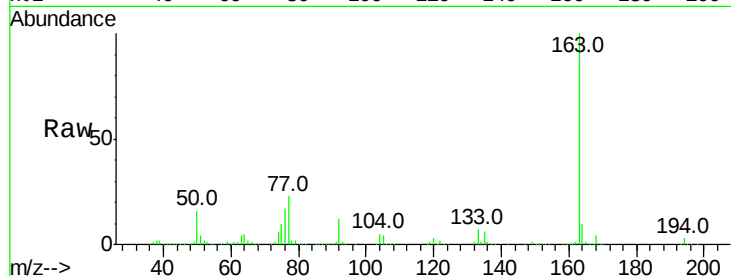




#49
 Dimethylphthalate
 Concen: 38.586 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

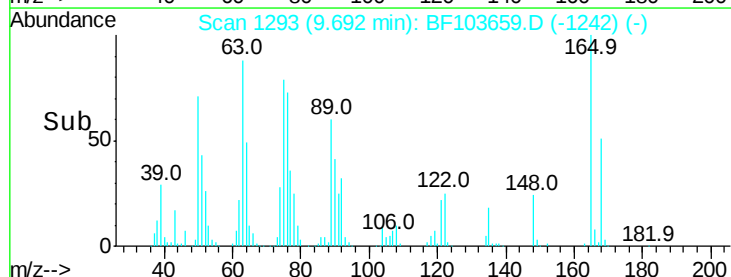
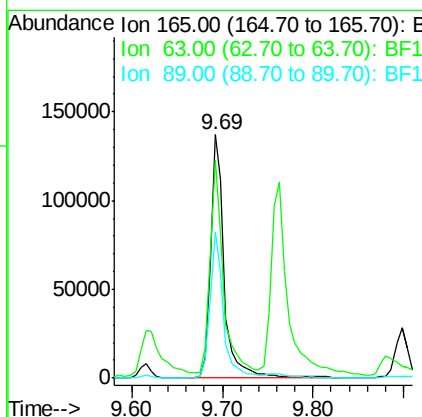
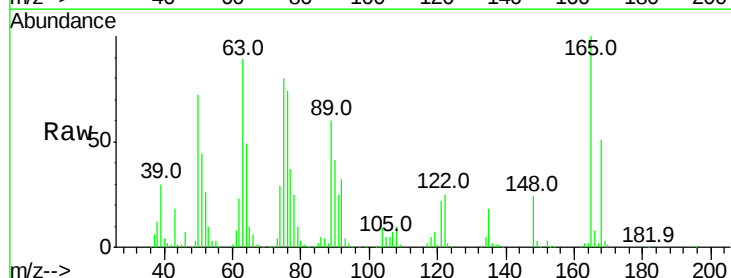
Instrument :
 BNA_F
 ClientSampleId :

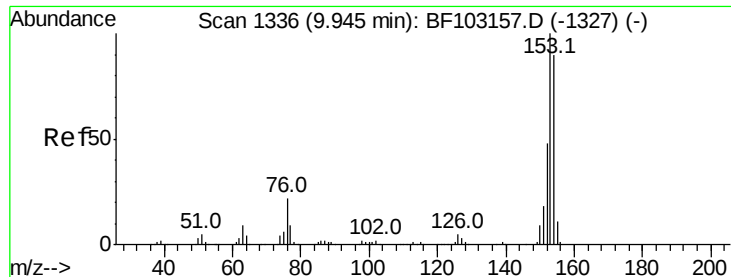
Tot Ion:163 Resp: 699370
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 10.2 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 38.489 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:165 Resp: 146394
 Ion Ratio Lower Upper
 165 100
 63 89.4 44.7 67.1#
 89 60.1 44.0 66.0





#51

Acenaphthene

Concen: 37.942 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

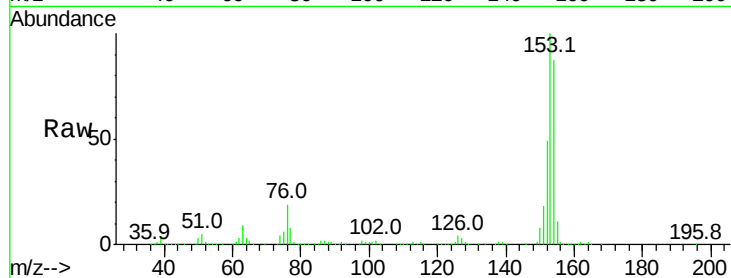
Tot Ion:154 Resp: 509859

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

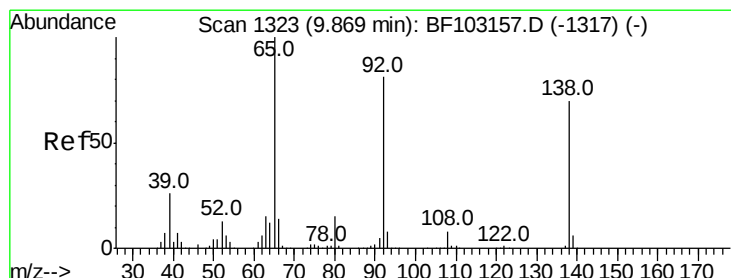
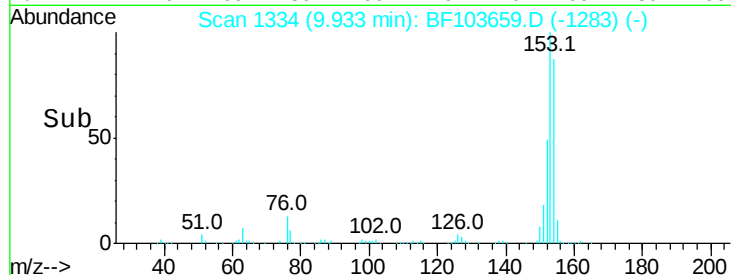
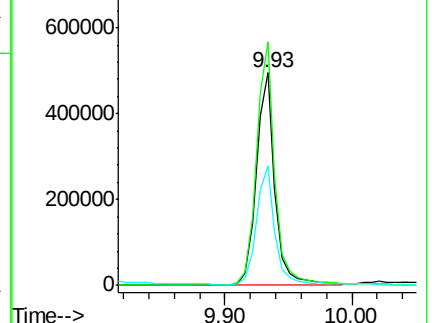
152 56.0 43.8 65.8



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: 24.402 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

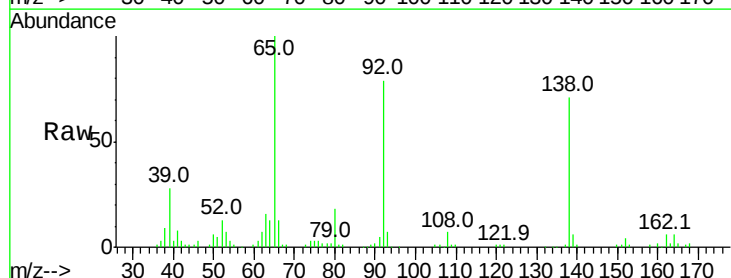
Tgt Ion:138 Resp: 117758

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

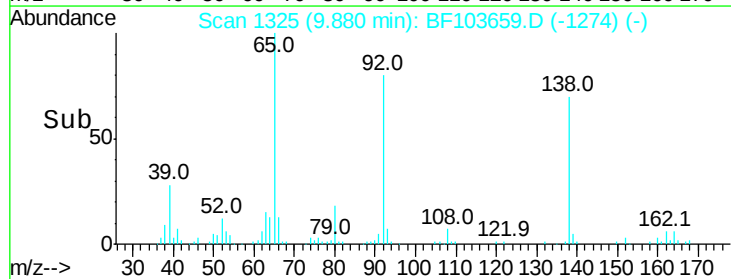
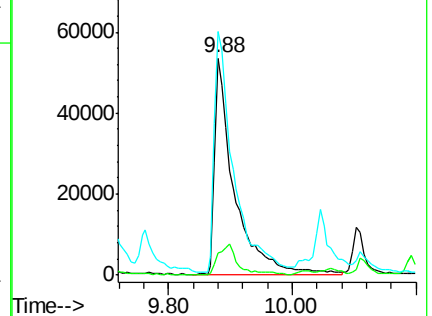
92 112.2 89.4 134.2

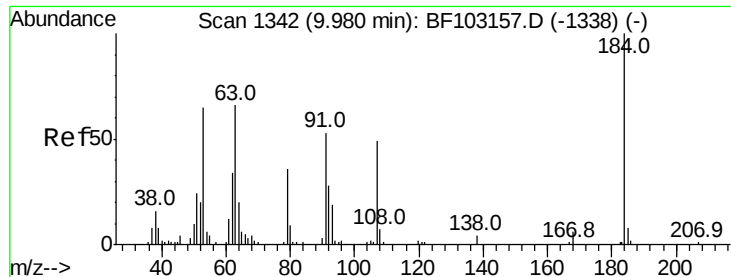


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

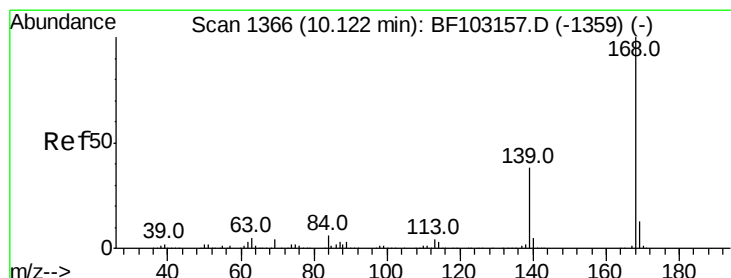
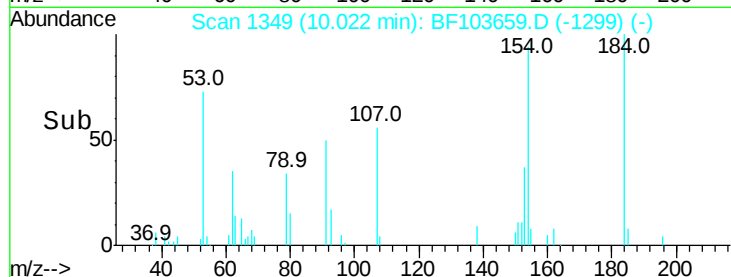
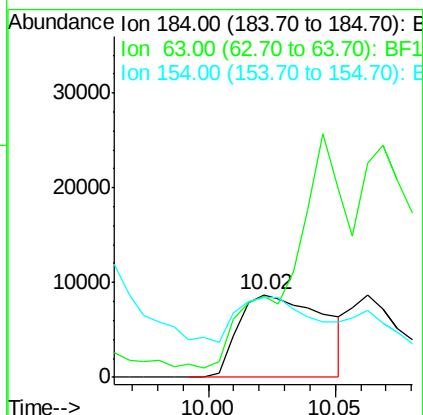
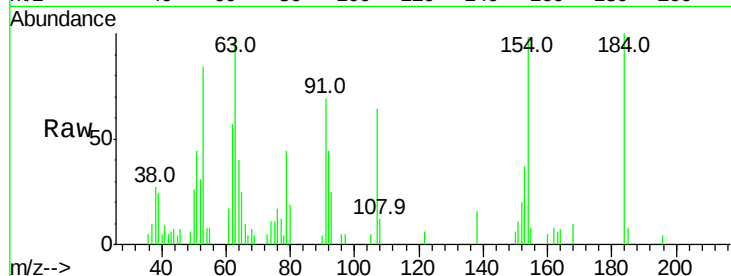




#53
 2,4-Dinitrophenol
 Concen: 22.665 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

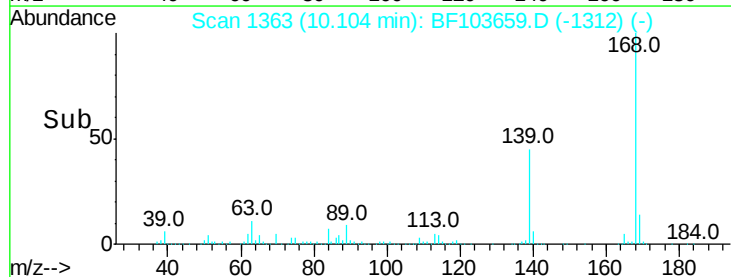
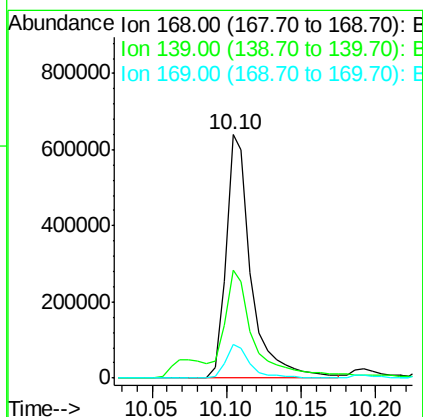
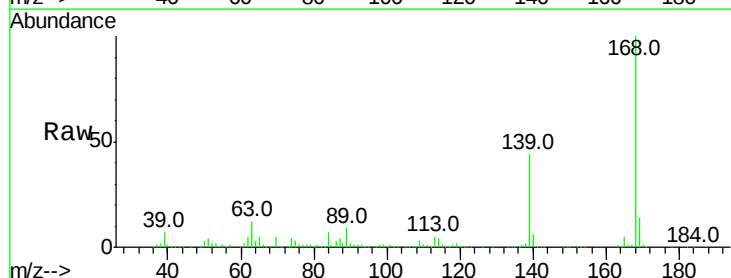
Instrument :
 BNA_F
 ClientSampleId :

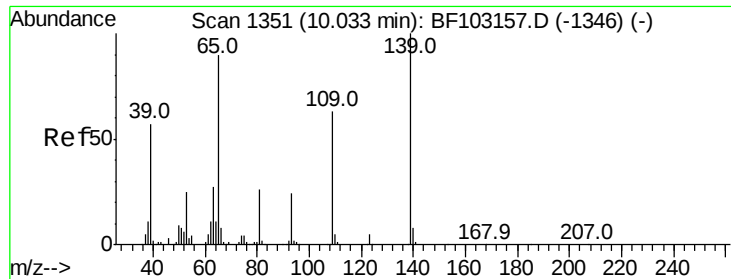
Tot Ion:184 Resp: 20371
 Ion Ratio Lower Upper
 184 100
 63 98.1 54.2 81.2#
 154 97.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.993 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:168 Resp: 756180
 Ion Ratio Lower Upper
 168 100
 139 44.3 30.1 45.1
 169 13.8 10.9 16.3

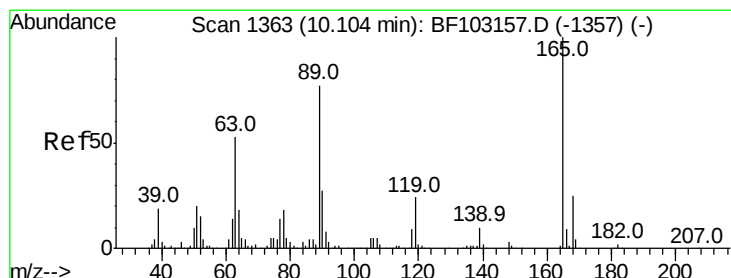
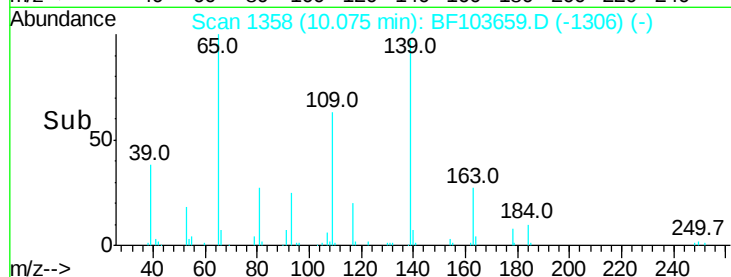
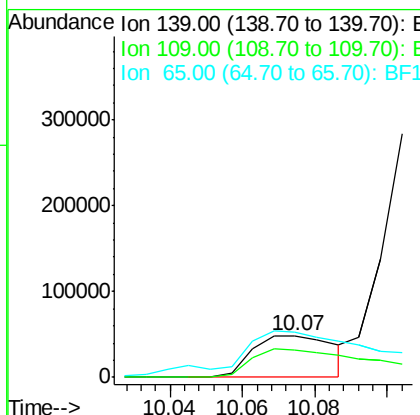
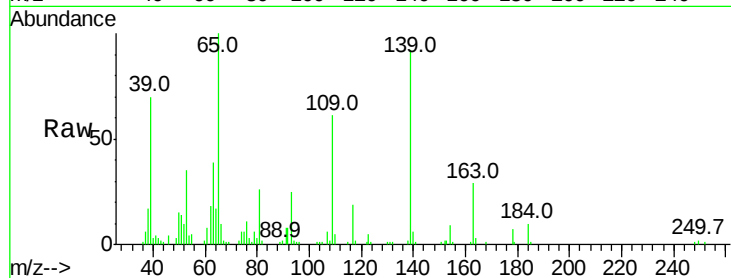




#55
4-Nitrophenol
Concen: 25.540 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

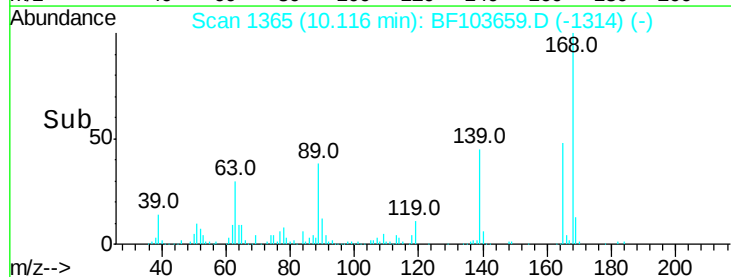
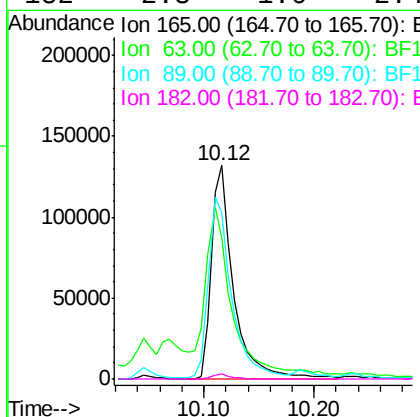
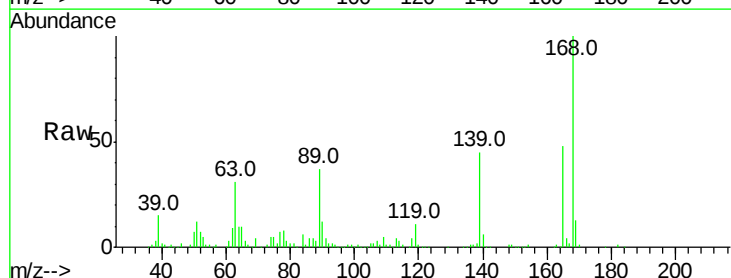
Instrument :
BNA_F
ClientSampleId :

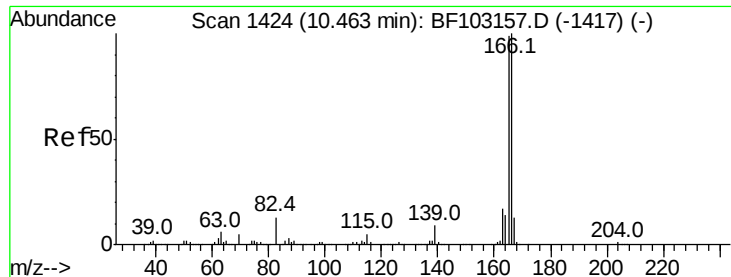
Tot Ion:139 Resp: 76387
Ion Ratio Lower Upper
139 100
109 66.5 48.4 88.4
65 108.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 37.816 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:165 Resp: 181911
Ion Ratio Lower Upper
165 100
63 65.7 36.4 54.6#
89 78.2 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 37.758 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

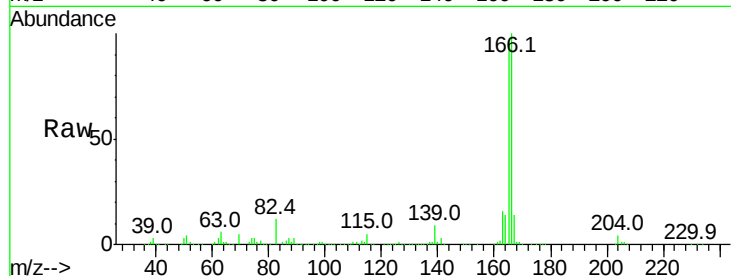
Tot Ion:166 Resp: 593332

Ion Ratio Lower Upper

166 100

165 96.7 79.8 119.8

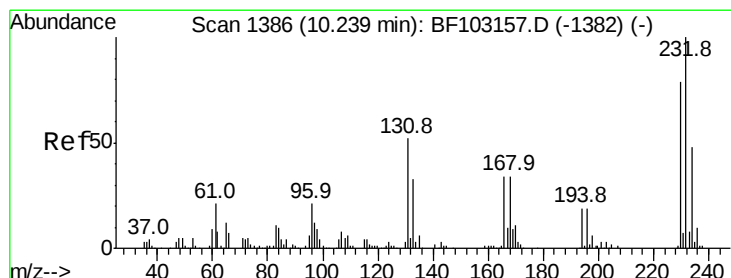
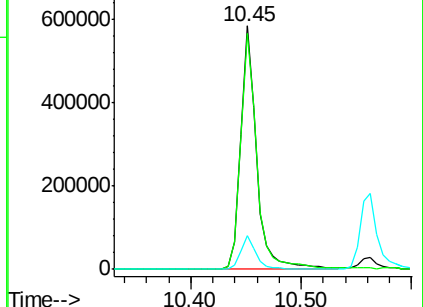
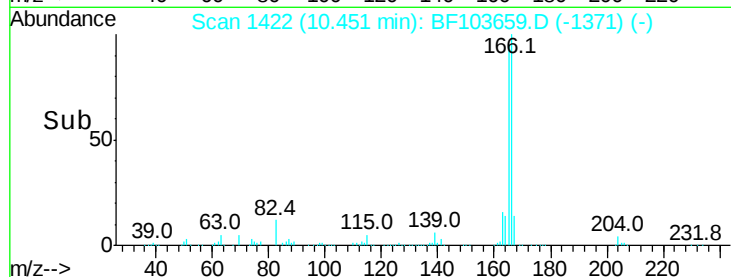
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.938 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Tgt Ion:232 Resp: 125035

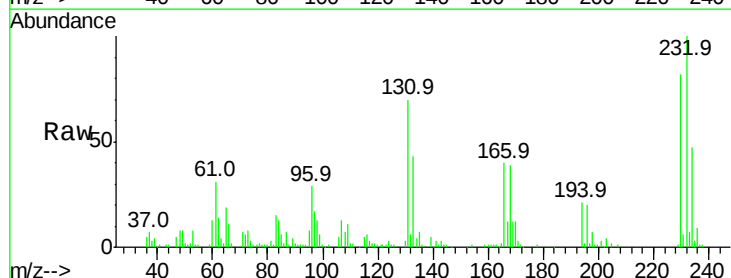
Ion Ratio Lower Upper

232 100

131 58.0 43.8 65.8

130 3.2 2.1 3.1#

166 32.4 27.8 41.6

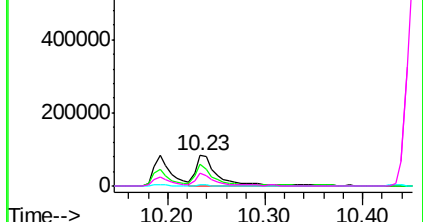
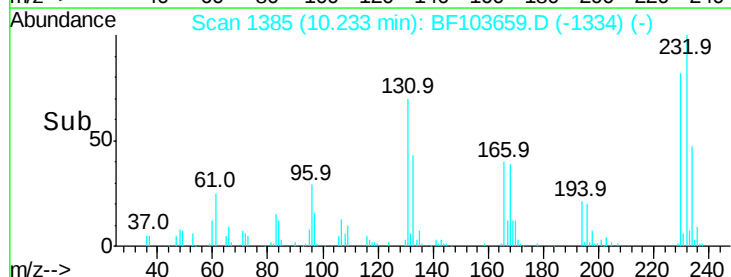


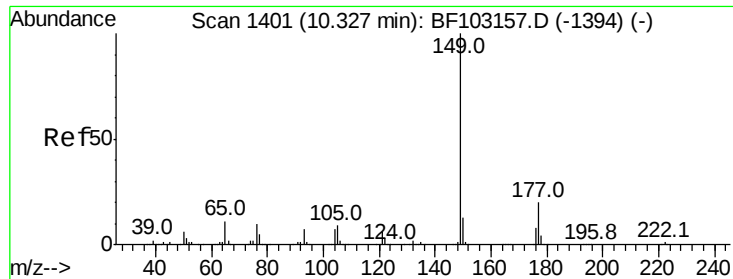
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.493 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampled :

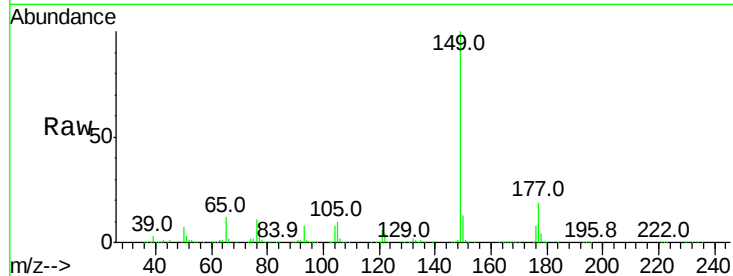
Tot Ion:149 Resp: 684611

Ion Ratio Lower Upper

149 100

177 19.4 16.1 24.1

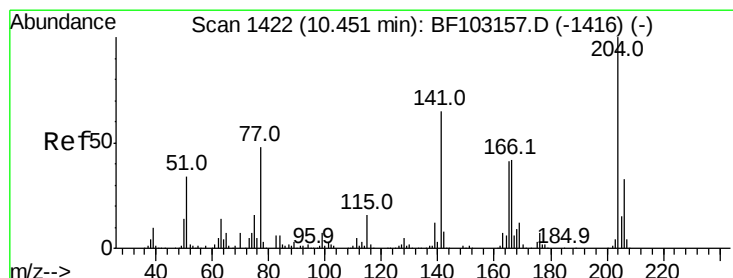
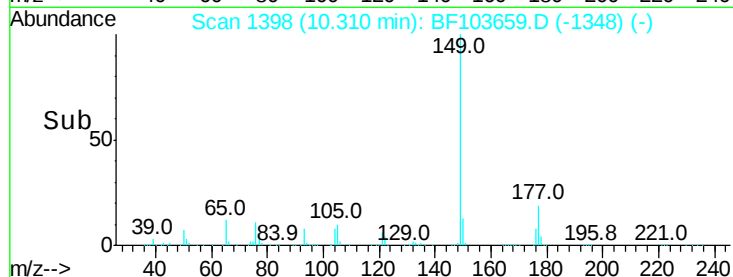
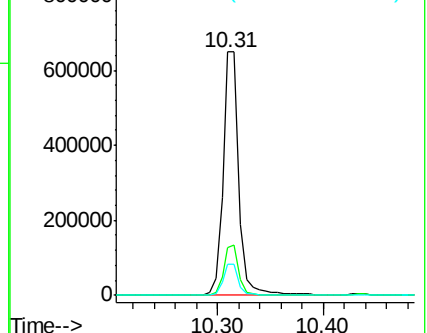
150 12.8 10.1 15.1



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: 41.138 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

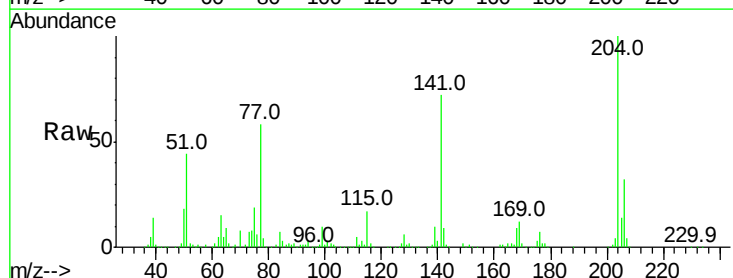
Tgt Ion:204 Resp: 274137

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

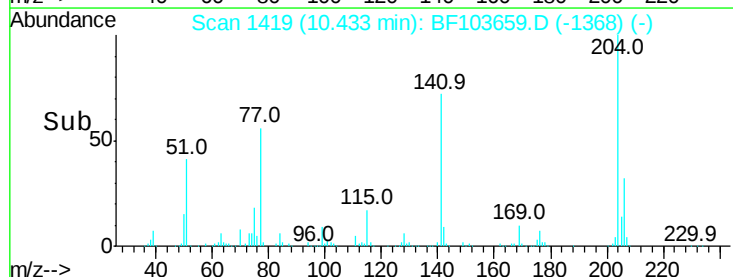
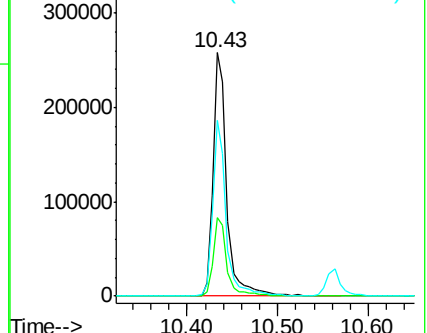
141 72.3 54.6 81.8

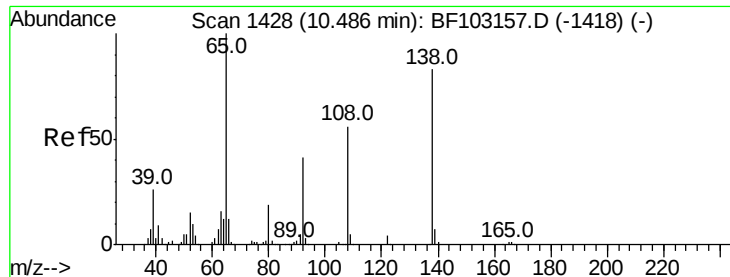


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

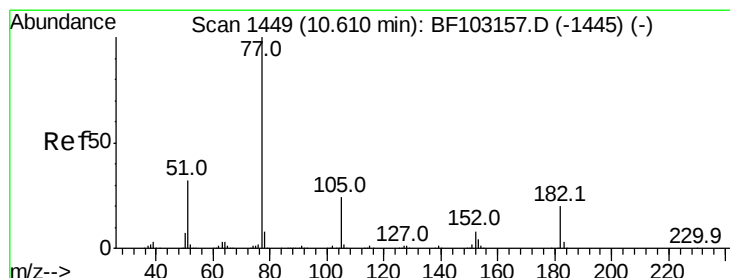
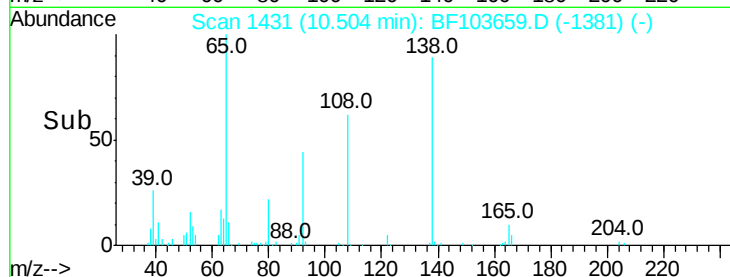
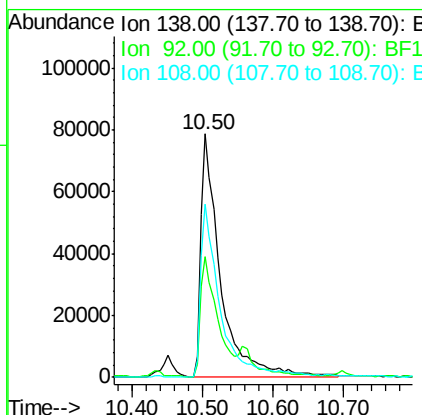
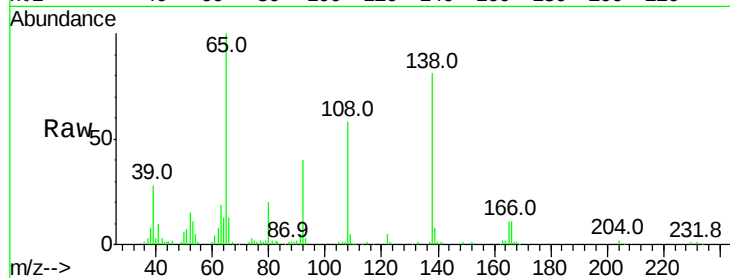




#61
4-Nitroaniline
Concen: 31.546 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

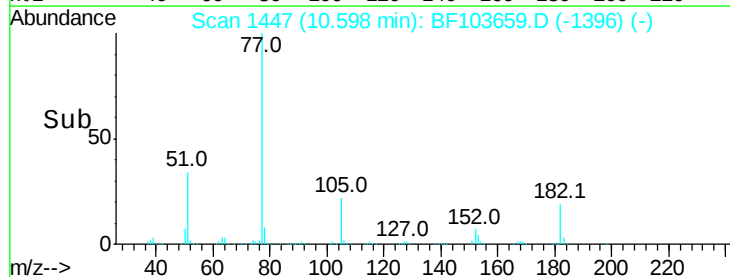
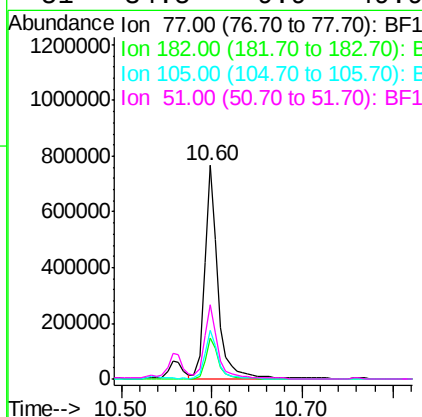
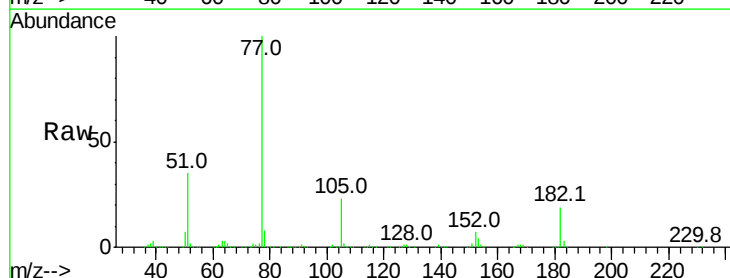
Instrument :
BNA_F
ClientSampleId :

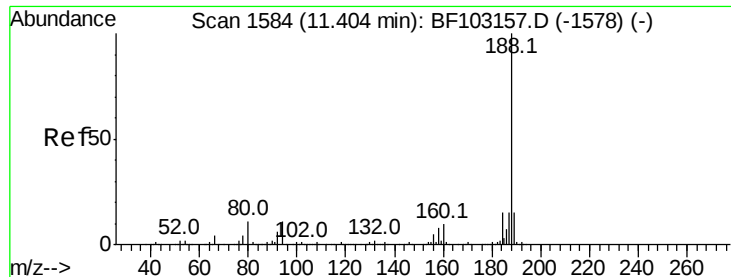
Tot Ion:138 Resp: 152052
Ion Ratio Lower Upper
138 100
92 49.6 30.2 70.2
108 71.0 52.5 92.5



#62
Azobenzene
Concen: 44.063 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion: 77 Resp: 777487
Ion Ratio Lower Upper
77 100
182 19.2 1.7 41.7
105 23.0 3.0 43.0
51 34.5 9.9 49.9

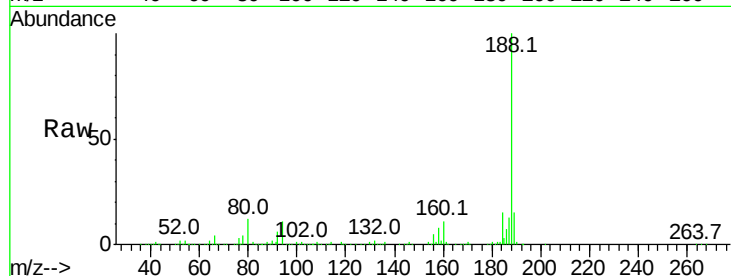




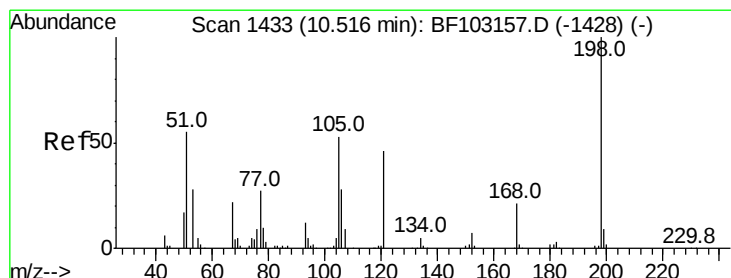
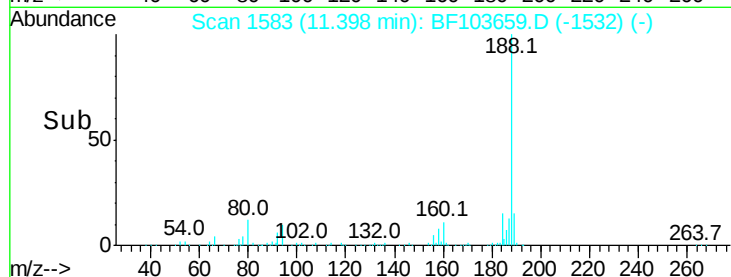
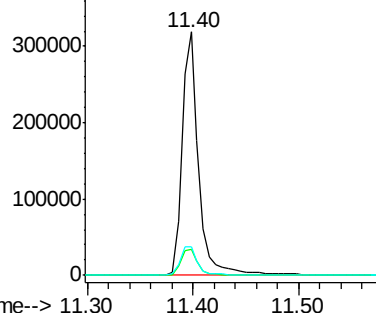
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 350042
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.8 9.2 13.8

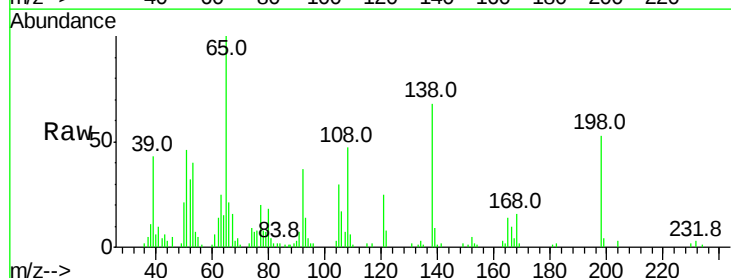


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

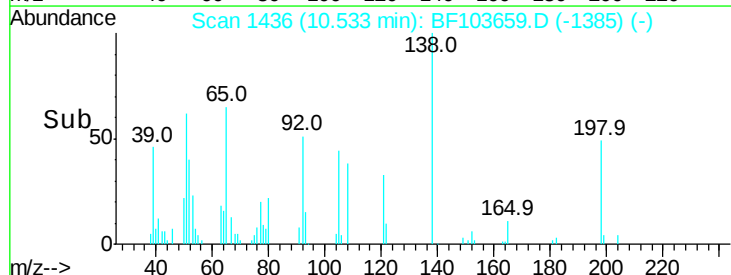
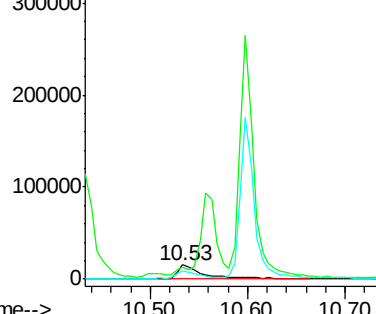


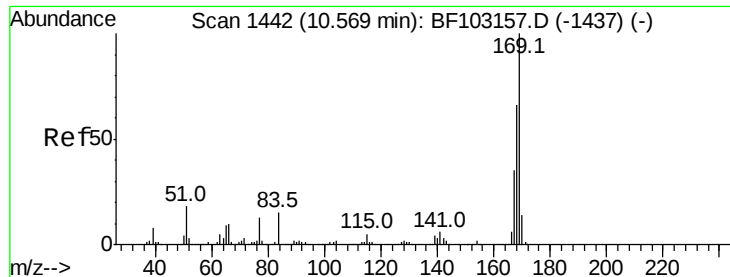
#64
4,6-Dinitro-2-methylphenol
Concen: 17.489 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:198 Resp: 29784
Ion Ratio Lower Upper
198 100
51 86.7 37.7 77.7#
105 56.3 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.424 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

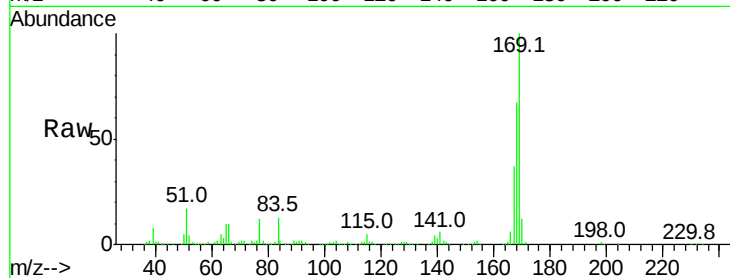
Tot Ion:169 Resp: 553625

Ion Ratio Lower Upper

169 100

168 67.0 54.4 81.6

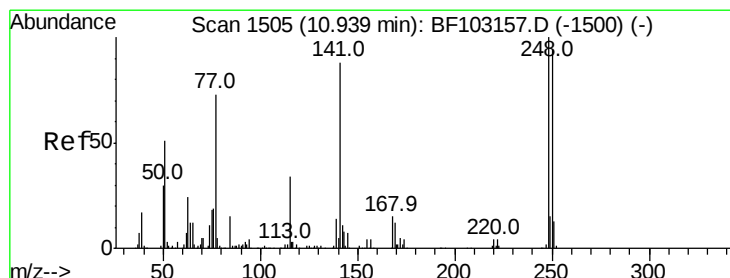
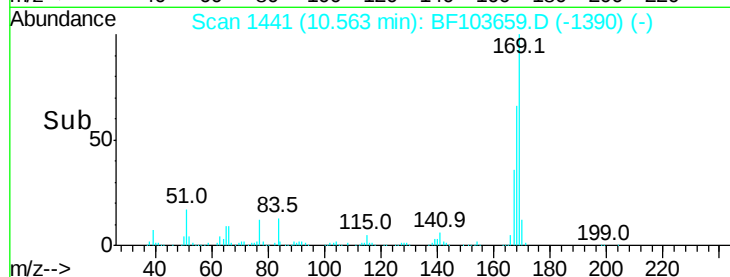
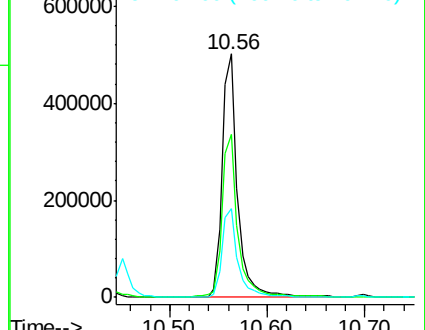
167 36.5 29.8 44.6



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: 42.099 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

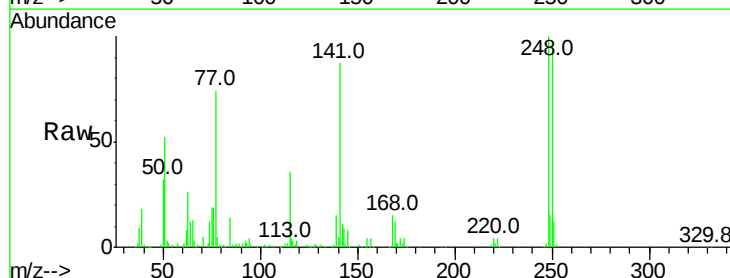
Tgt Ion:248 Resp: 153509

Ion Ratio Lower Upper

248 100

250 94.6 76.9 115.3

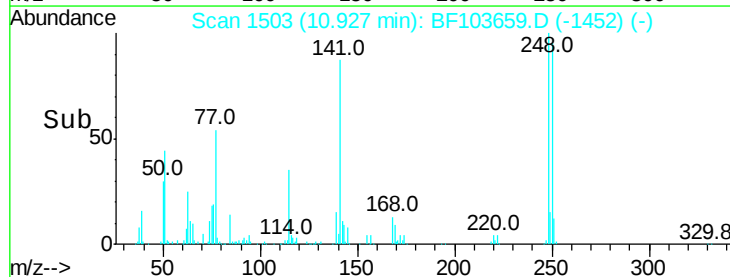
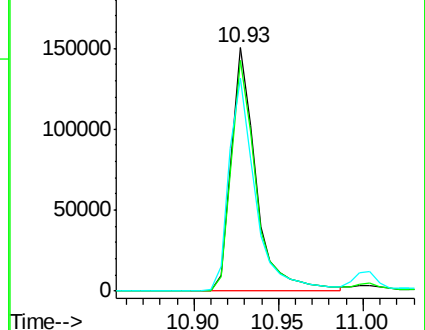
141 87.3 74.4 111.6

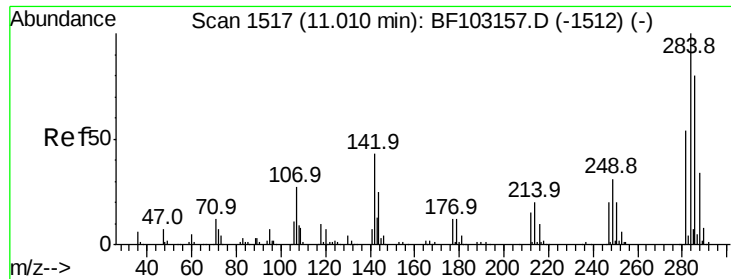


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

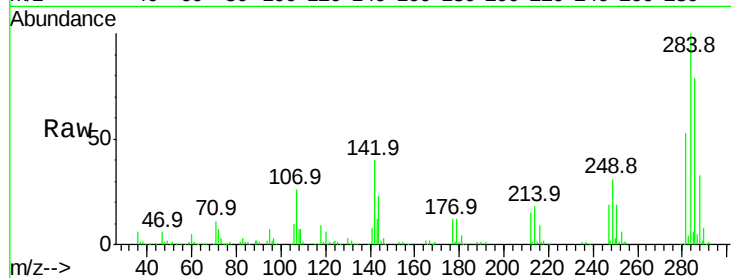




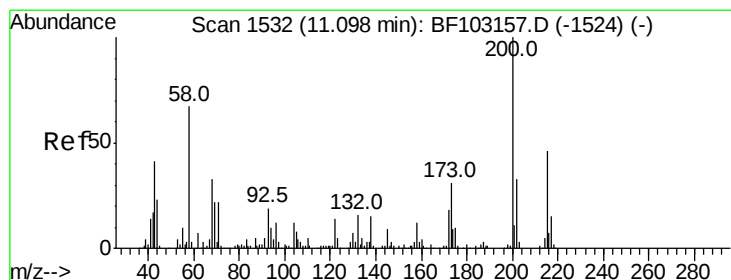
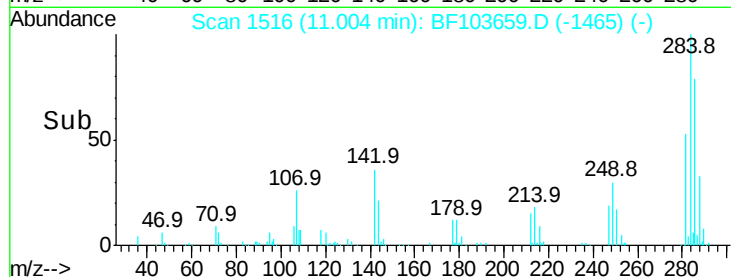
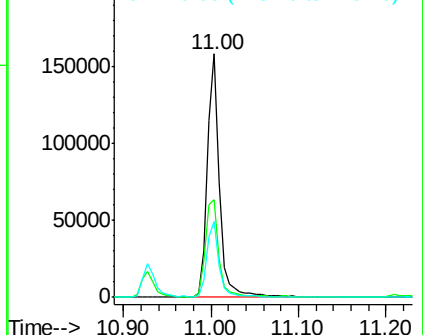
#67
Hexachlorobenzene
Concen: 38.883 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 153890
Ion Ratio Lower Upper
284 100
142 40.2 34.6 52.0
249 31.2 24.8 37.2

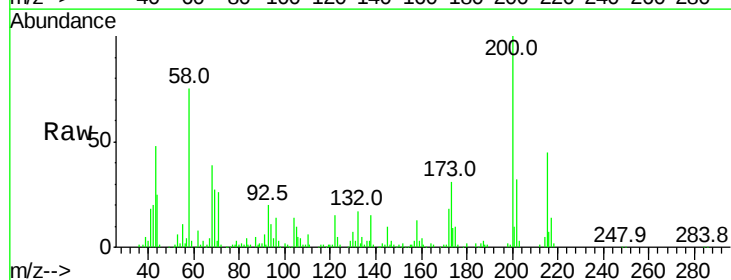


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

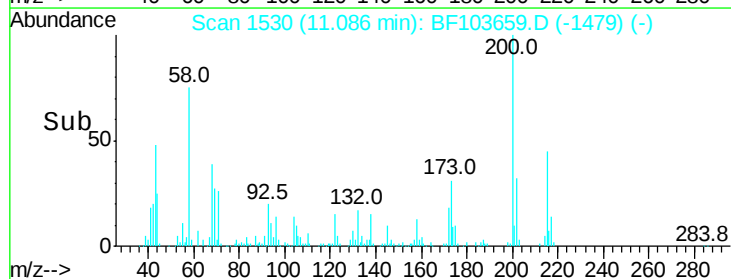
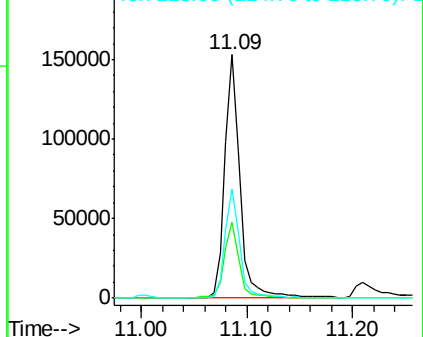


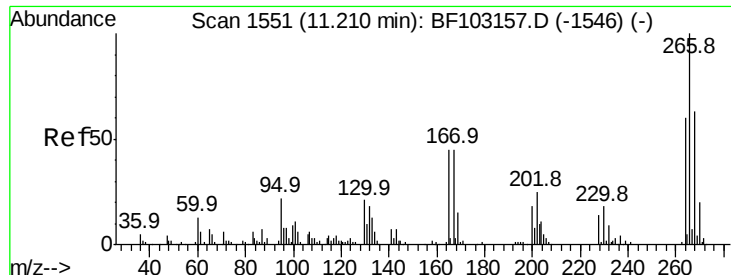
#68
Atrazine
Concen: 42.330 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:200 Resp: 155067
Ion Ratio Lower Upper
200 100
173 31.0 8.6 48.6
215 44.7 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

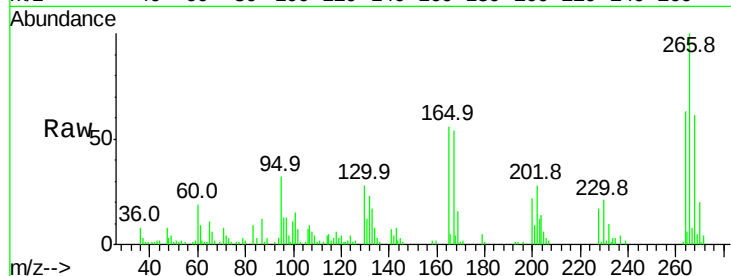




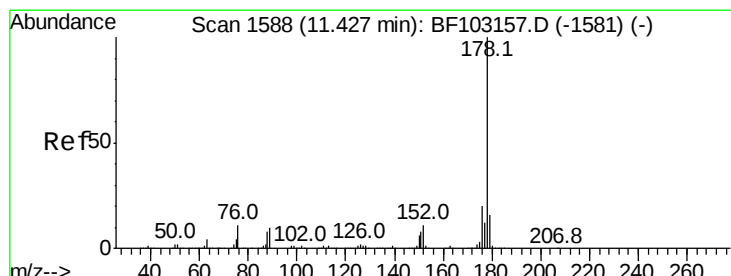
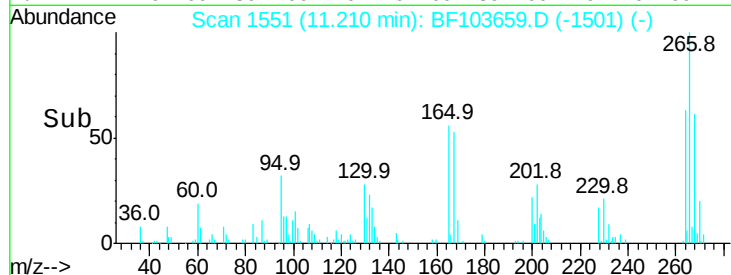
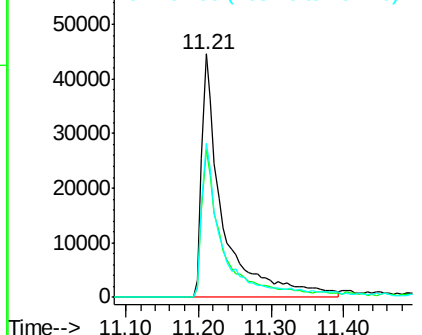
#69
 Pentachlorophenol
 Concen: 47.160 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 90249
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.1 76.7
 264 63.1 49.5 74.3

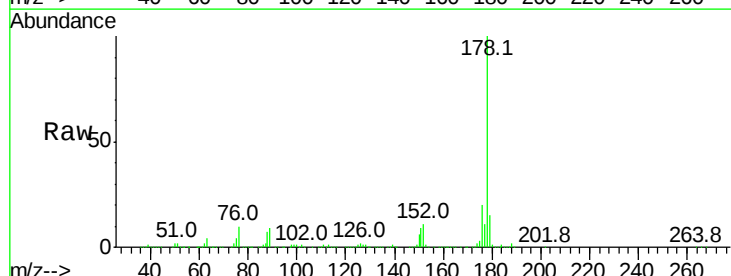


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

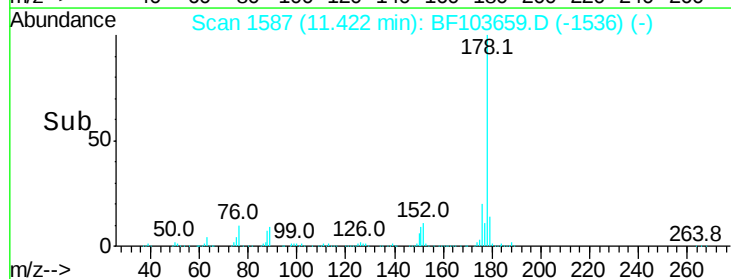
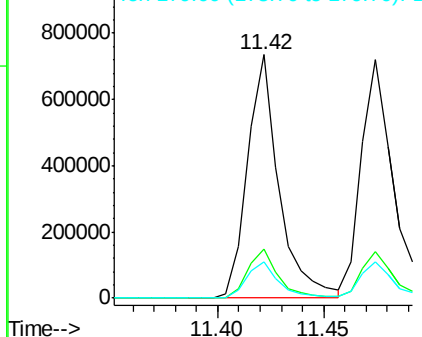


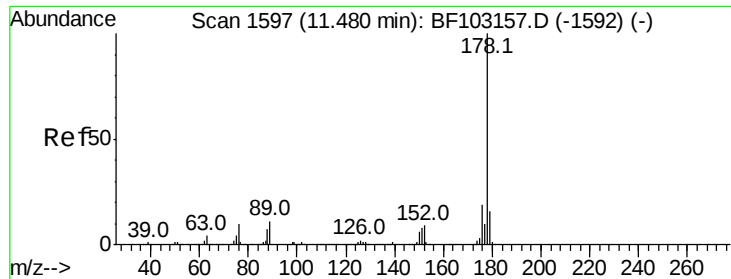
#70
 Phenanthrene
 Concen: 39.638 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:178 Resp: 763587
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 14.9 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

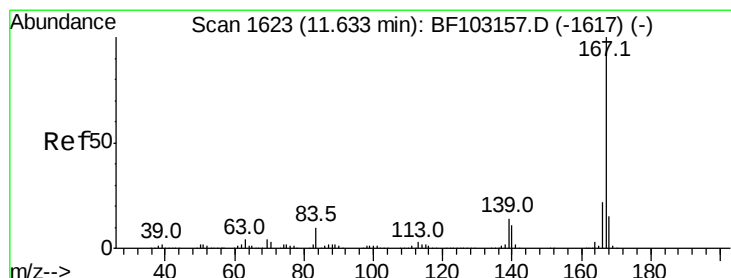
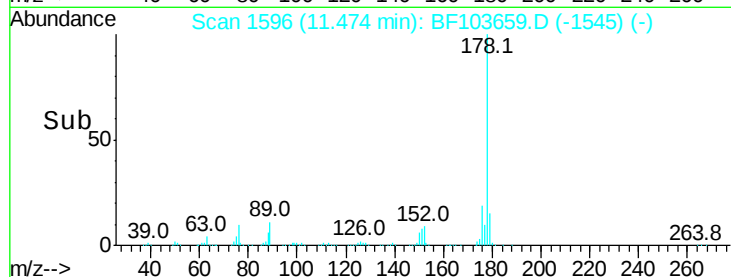
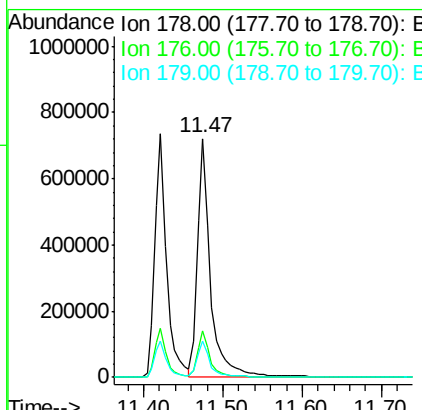
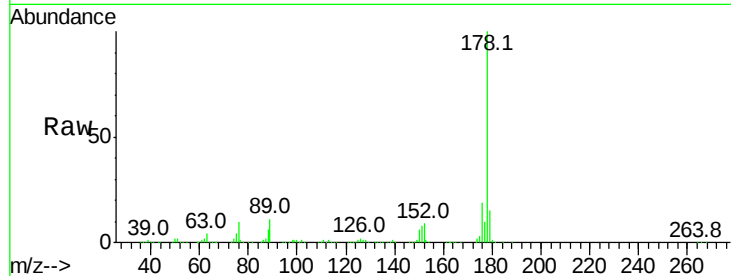




#71
 Anthracene
 Concen: 42.659 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

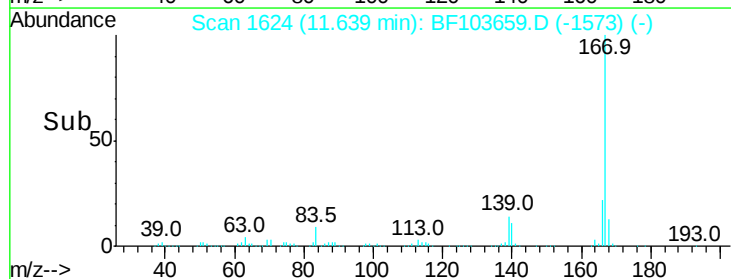
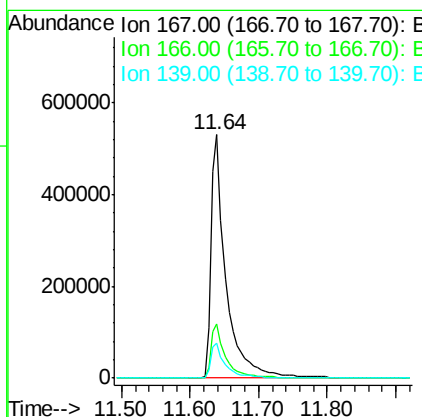
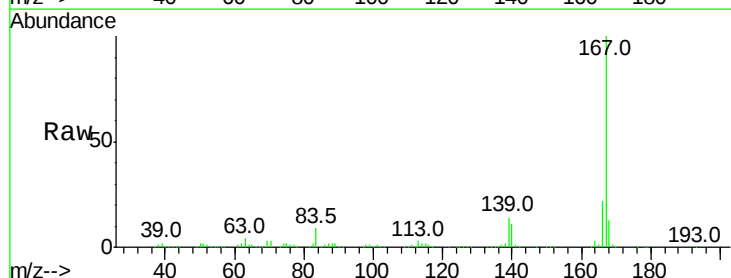
Instrument :
 BNA_F
 ClientSampled :

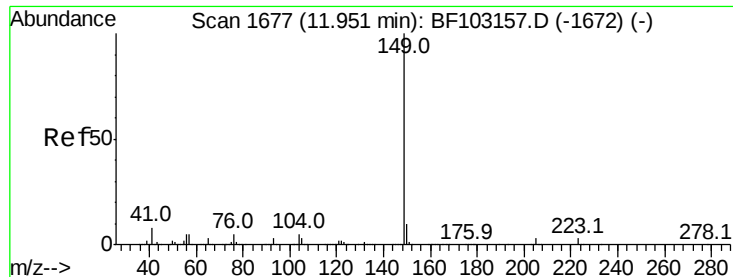
Tot Ion:178 Resp: 842675
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 40.670 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:167 Resp: 800034
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.200 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

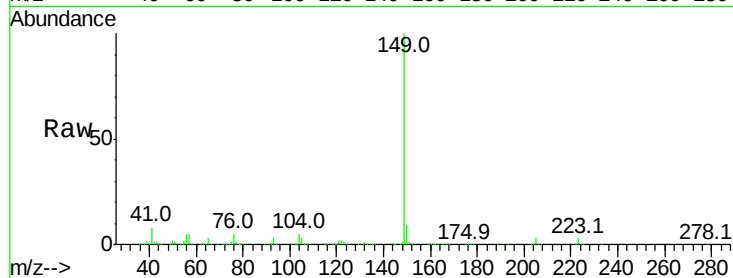
Tot Ion:149 Resp: 1038748

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

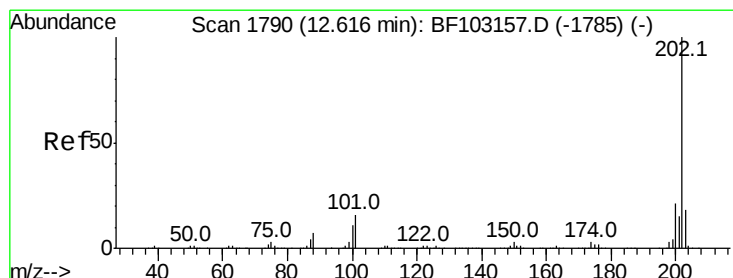
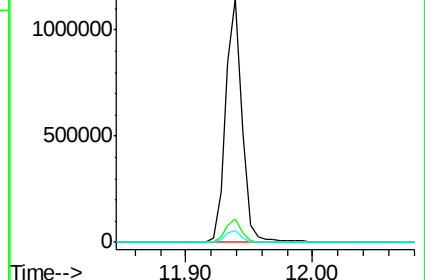
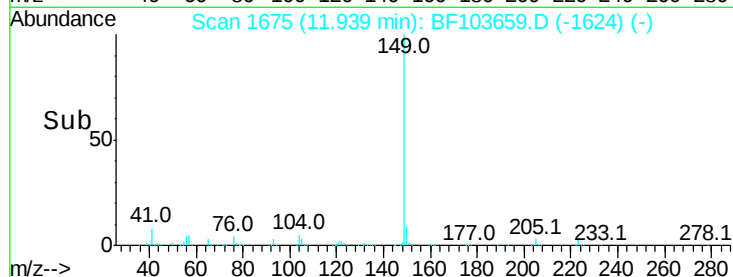
104 5.1 3.8 5.8



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: 36.989 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

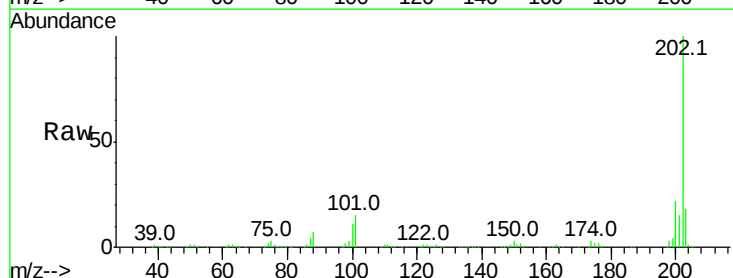
Tgt Ion:202 Resp: 716042

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

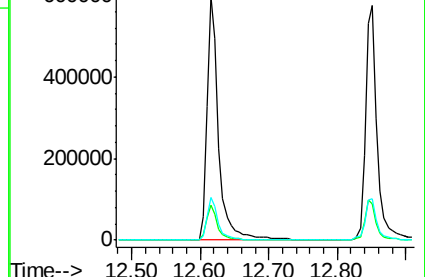
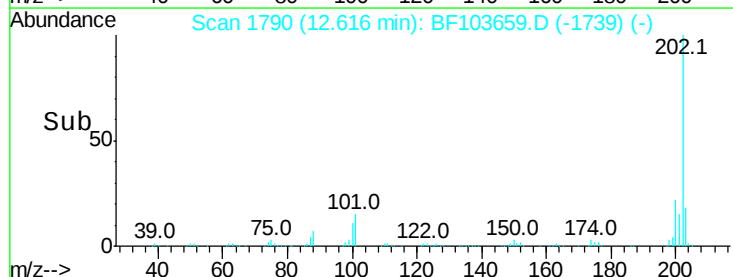
203 17.7 0.0 38.1

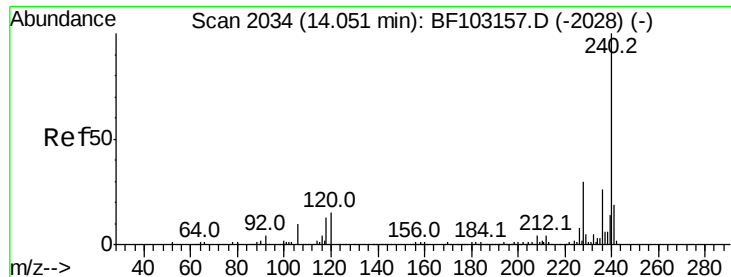


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2035

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

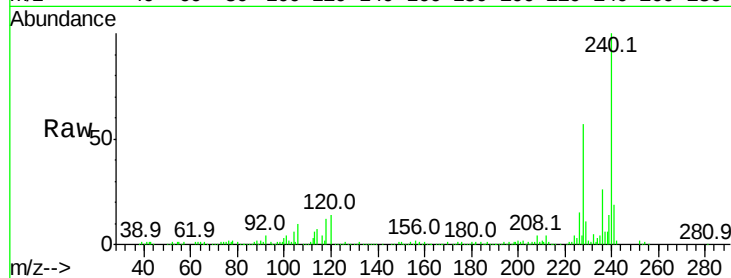
Tot Ion:240 Resp: 192132

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

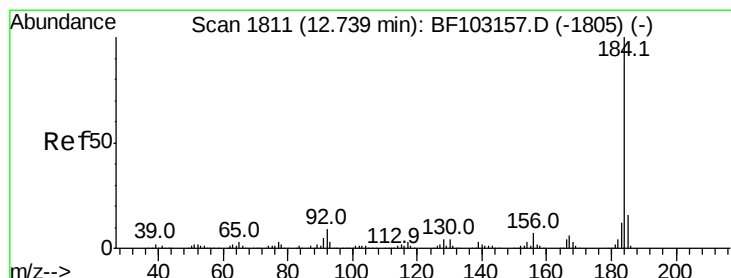
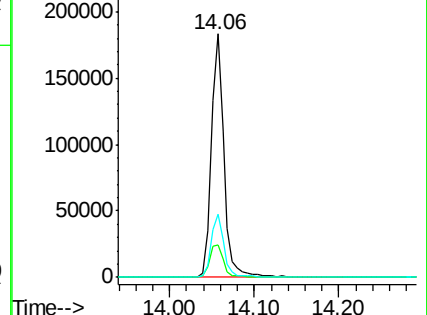
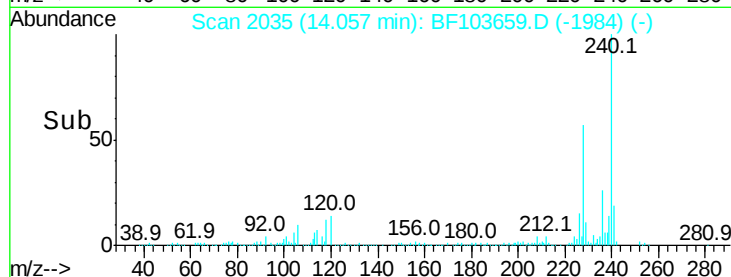
236 25.8 20.7 31.1



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: 61.702 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

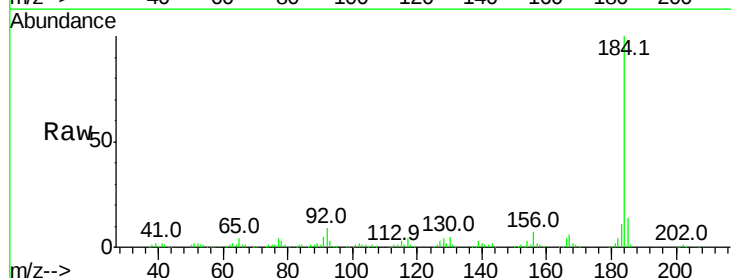
Tgt Ion:184 Resp: 443198

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

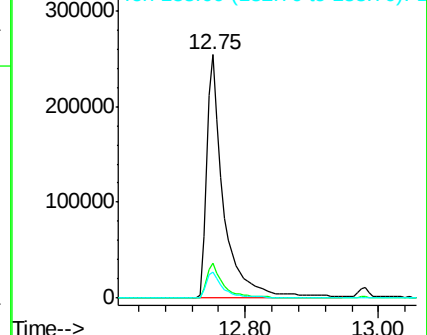
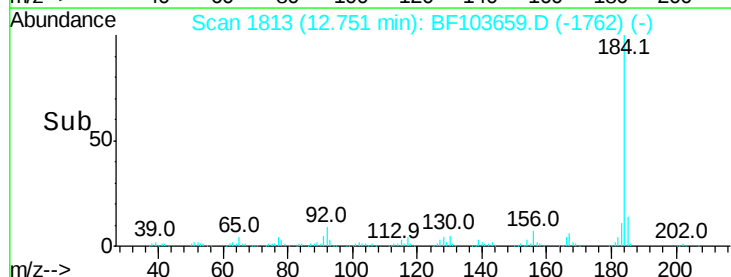
183 10.5 9.3 13.9

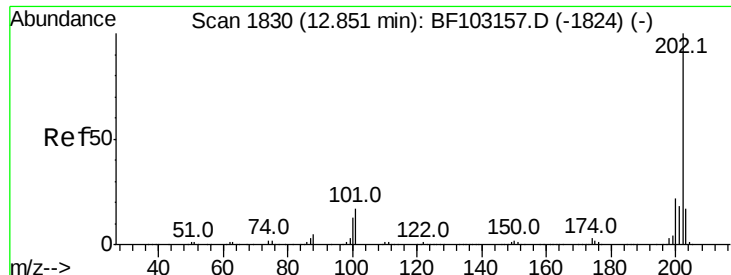


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

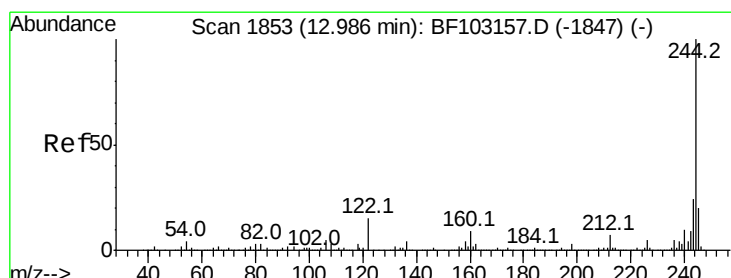
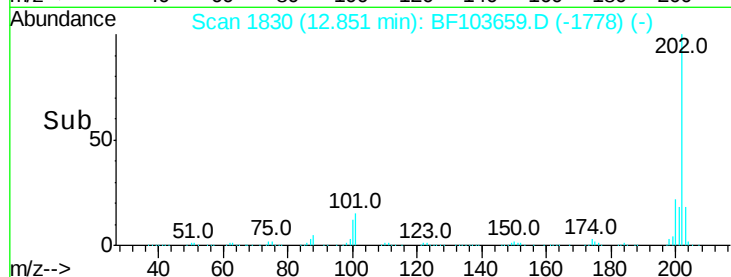
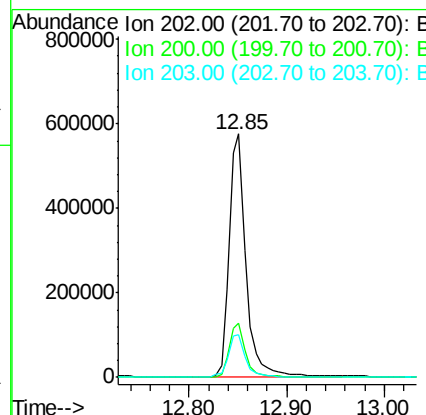
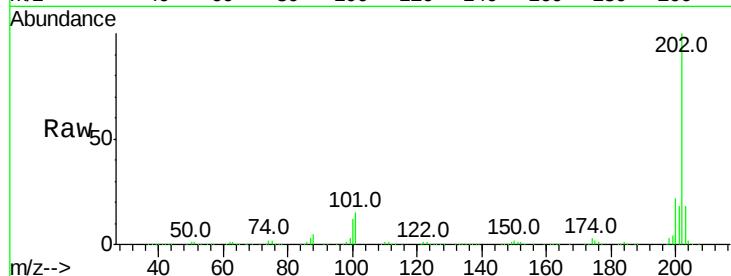




#77
Pvrene
Concen: 45.665 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

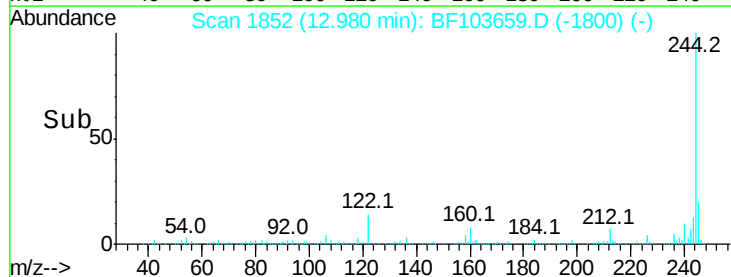
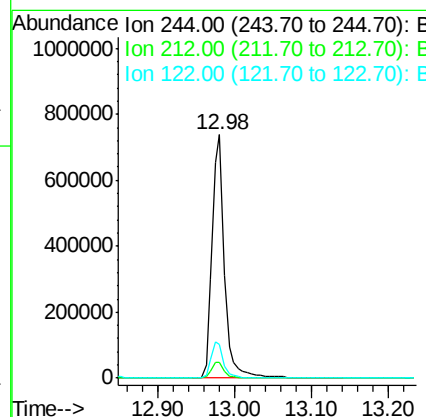
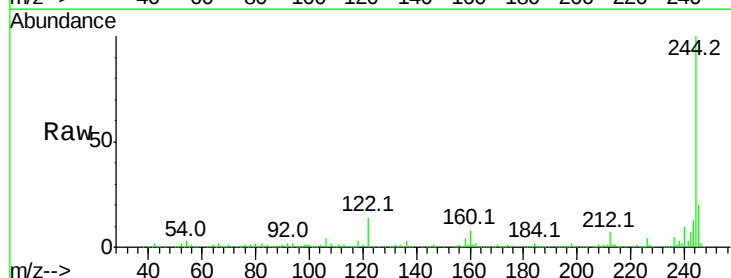
Instrument :
BNA_F
ClientSampleId :

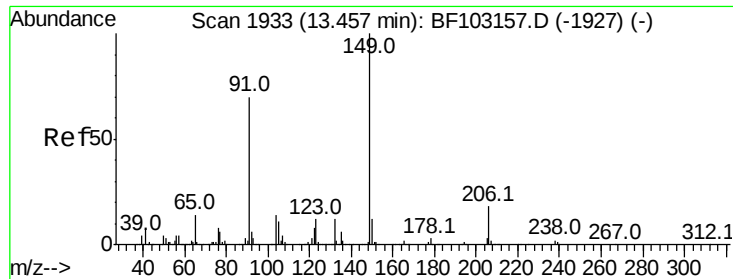
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.6	14.3	21.5



#78
Terphenyl-d14
Concen: 102.639 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.01 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4

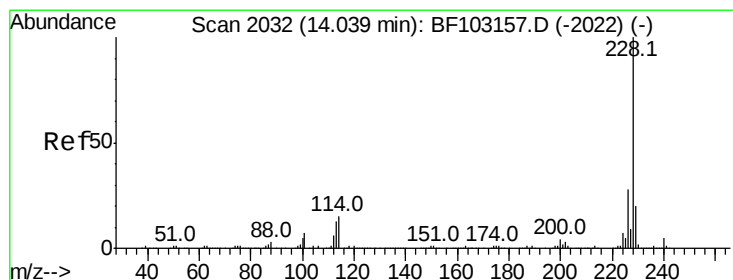
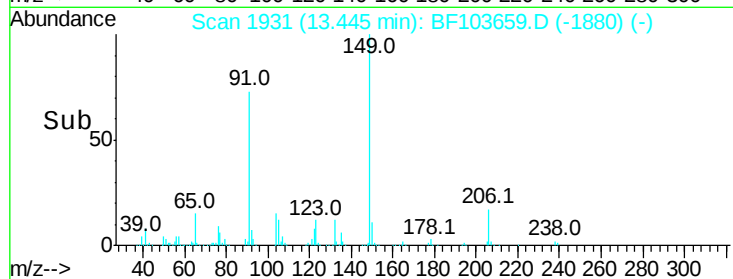
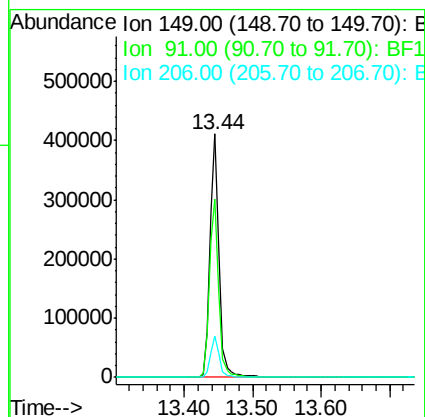
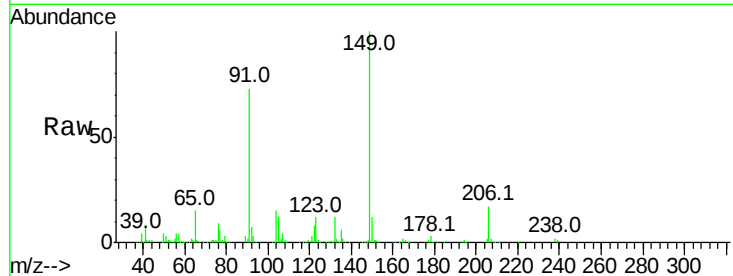




#79
Butylbenzylphthalate
Concen: 49.360 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

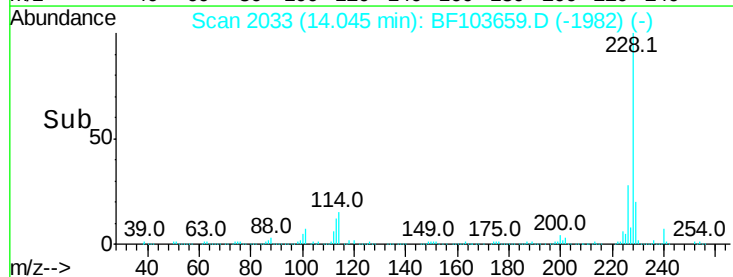
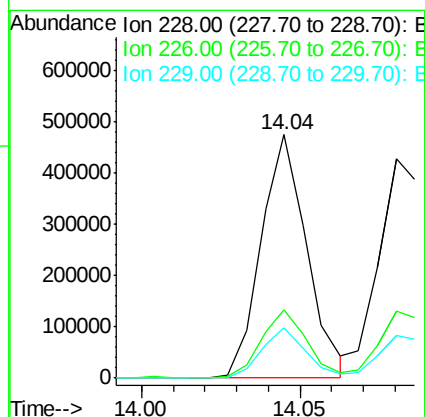
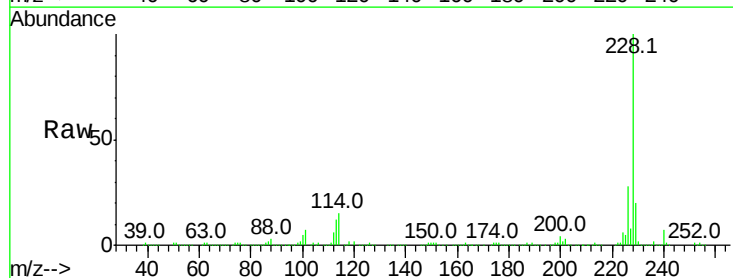
Instrument :
BNA_F
ClientSampled :

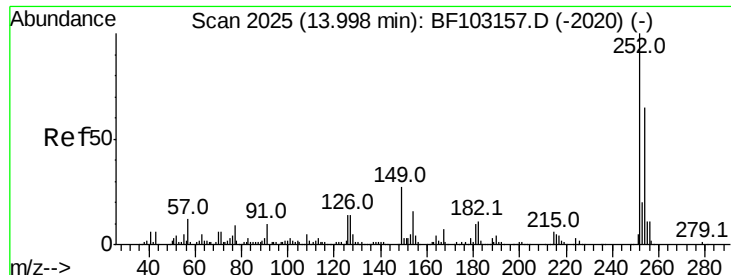
Tot Ion:149 Resp: 390658
Ion Ratio Lower Upper
149 100
91 73.4 56.8 85.2
206 16.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.233 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:228 Resp: 476622
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.5 15.8 23.6

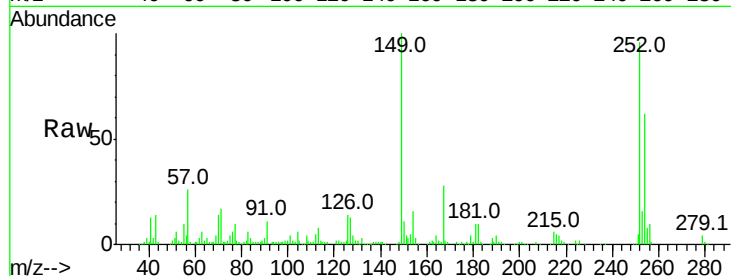




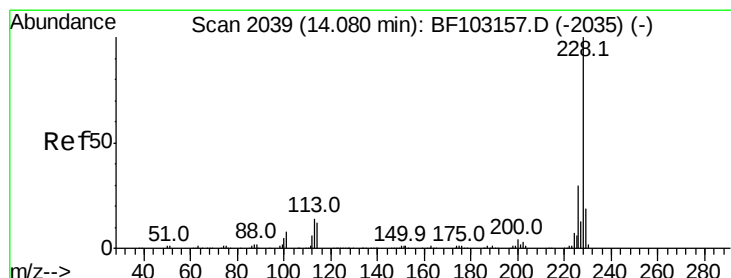
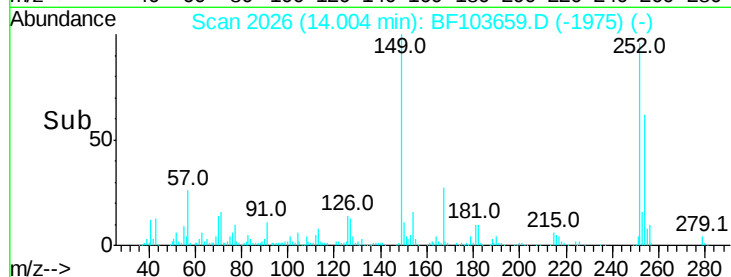
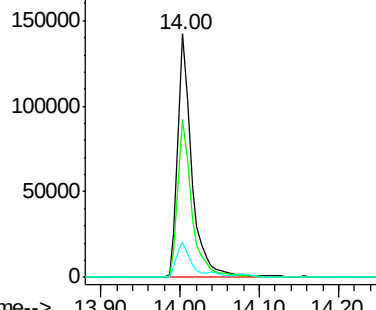
#81
 3,3'-Dichlorobenzidine
 Concen: 40.580 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 180536
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.4 75.6
 126 14.2 11.3 16.9

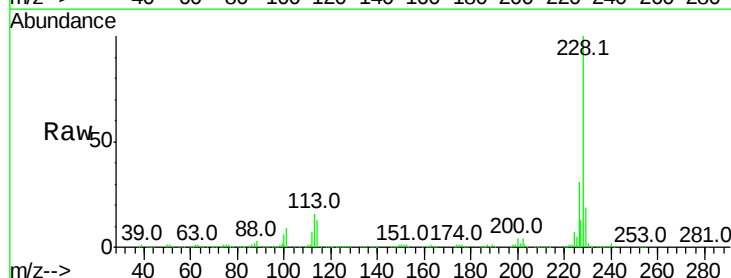


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

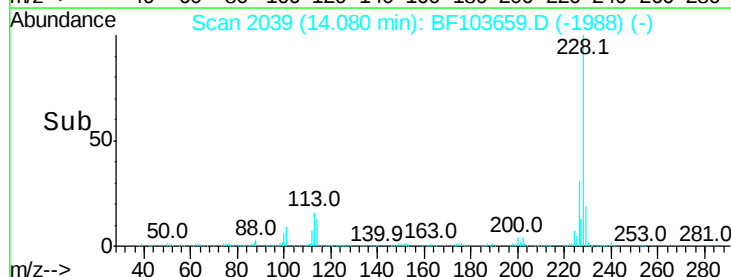
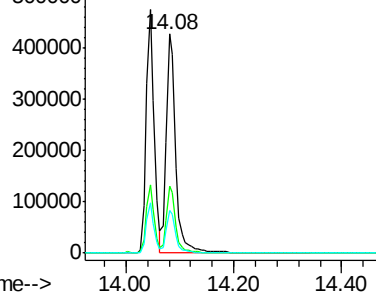


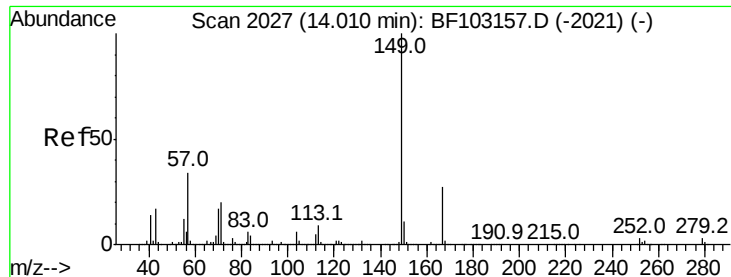
#82
 Chrysene
 Concen: 42.697 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:228 Resp: 516824
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.5 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

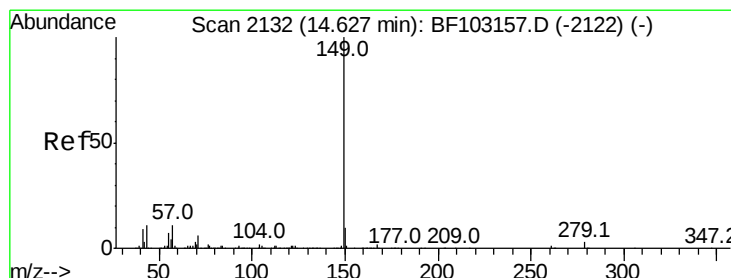
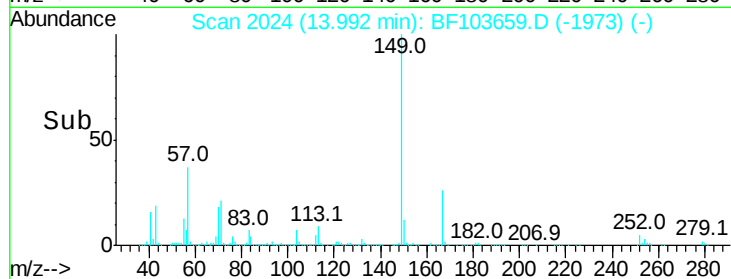
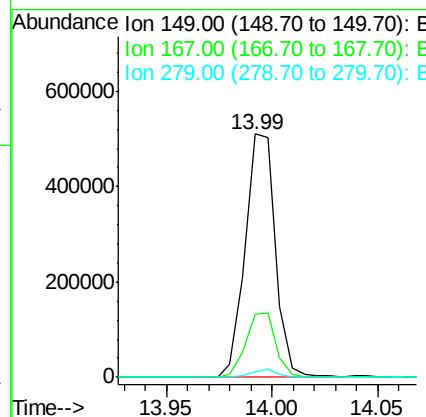
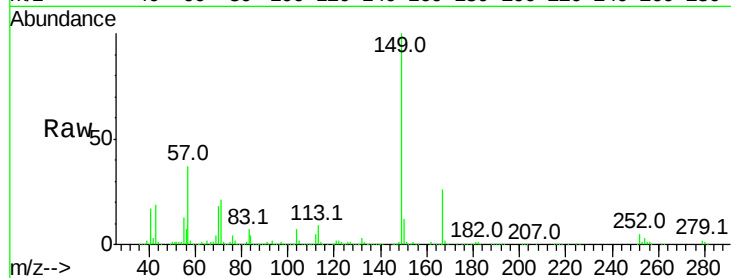




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.283 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

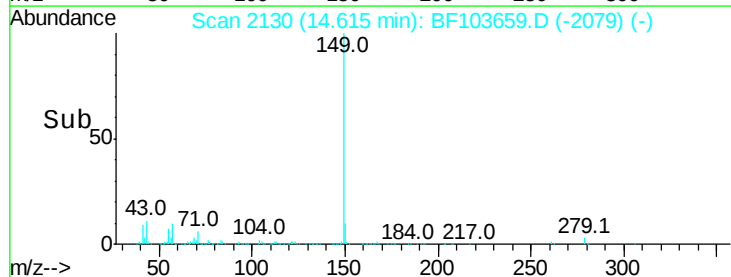
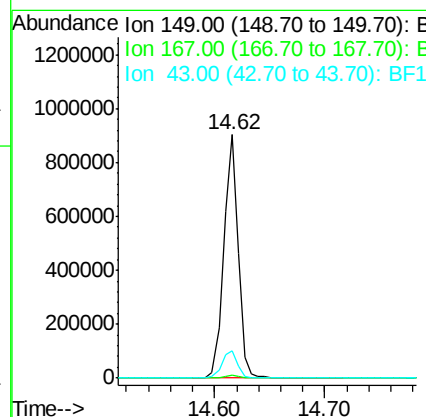
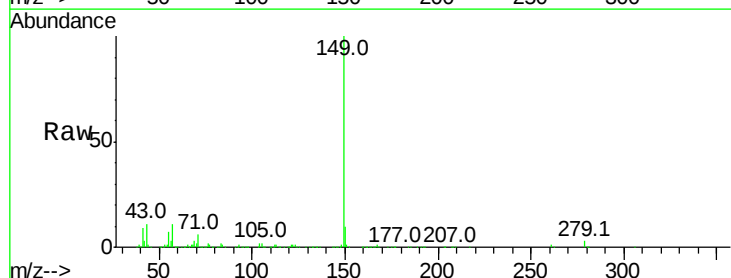
Instrument :
 BNA_F
 ClientSampleId :

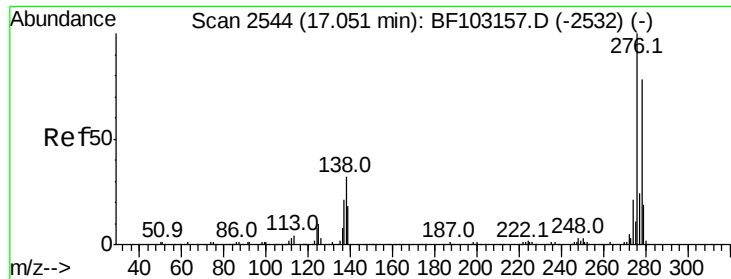
Tot Ion:149 Resp: 504994
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.4 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 47.319 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BF103659.D
 Acq: 14 Mar 2018 23:32

Tgt Ion:149 Resp: 816538
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.370 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :

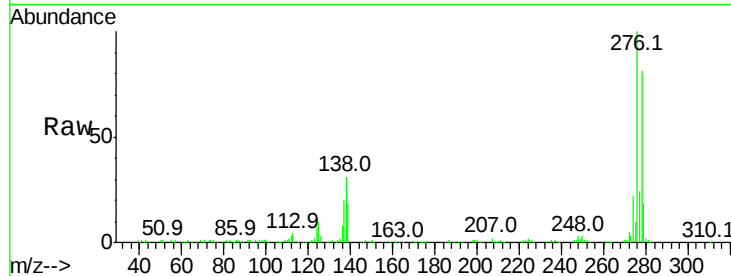
Tot Ion:276 Resp: 444354

Ion Ratio Lower Upper

276 100

138 33.0 25.0 37.6

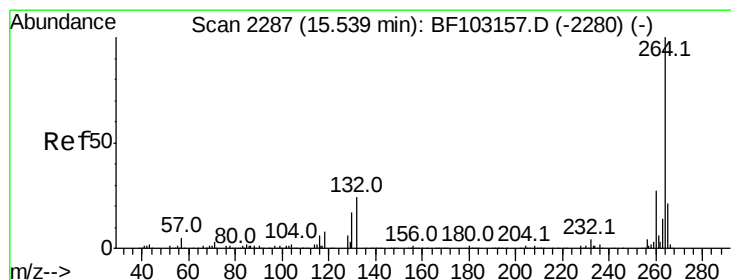
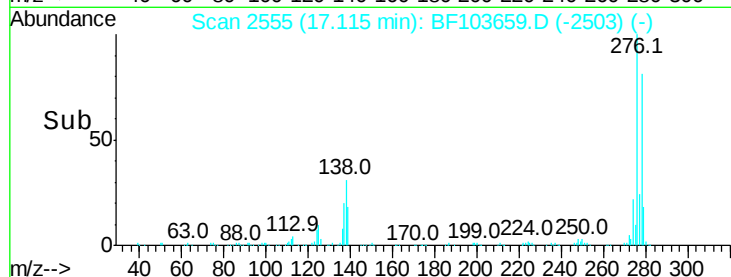
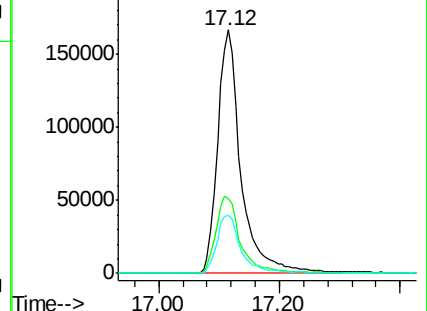
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

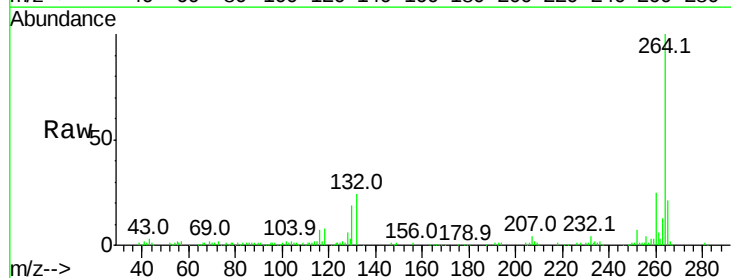
Tgt Ion:264 Resp: 188372

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

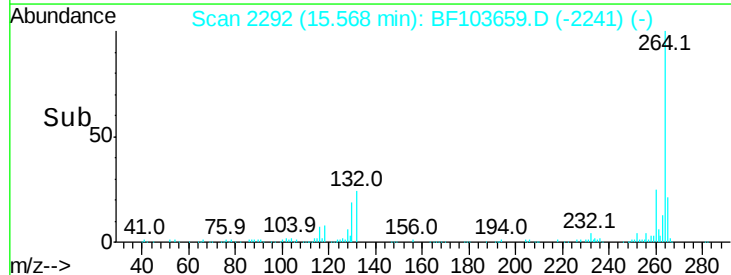
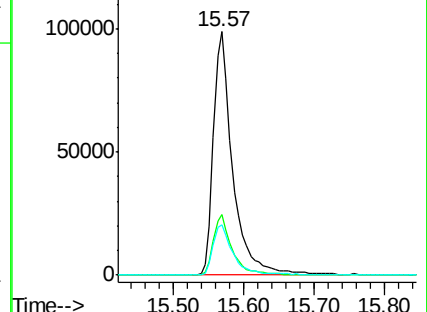
265 20.9 17.5 26.3

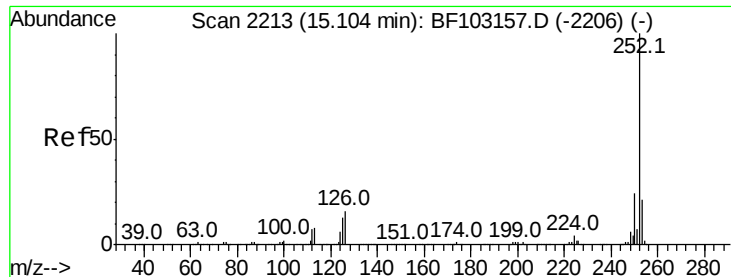


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

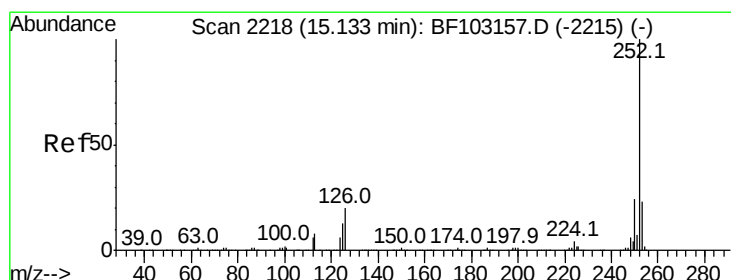
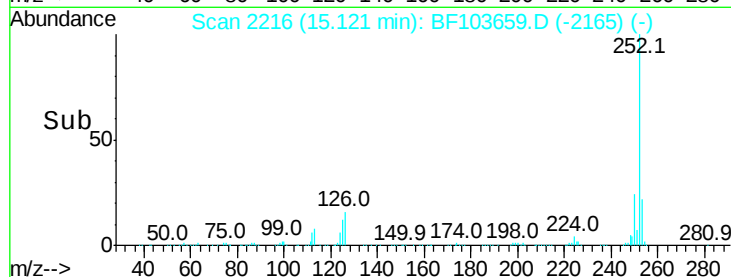
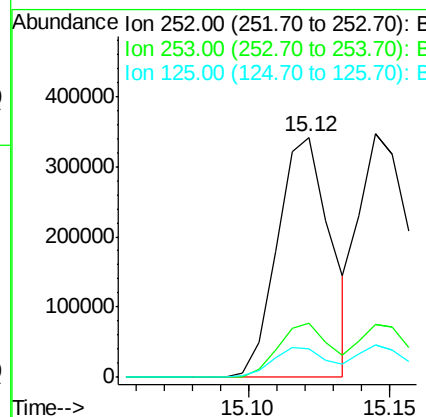
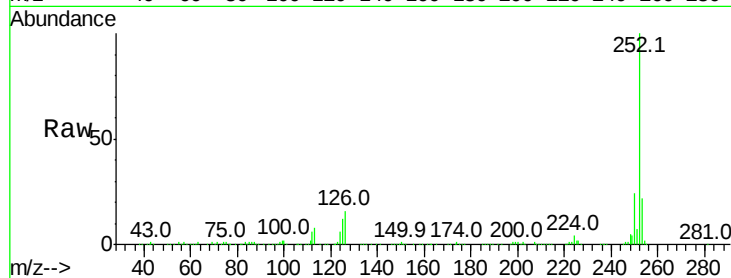




#87
Benzo(b)fluoranthene
Concen: 36.008 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

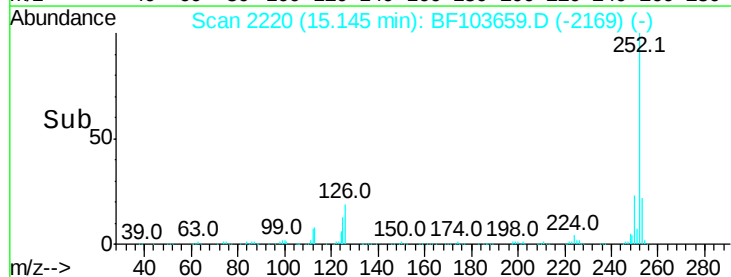
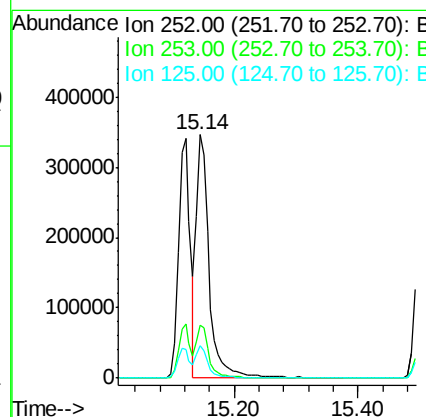
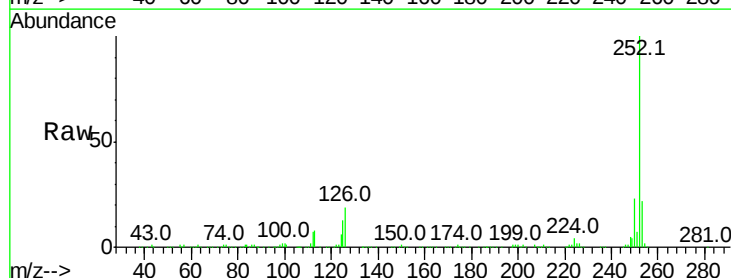
Instrument :
BNA_F
ClientSampleId :

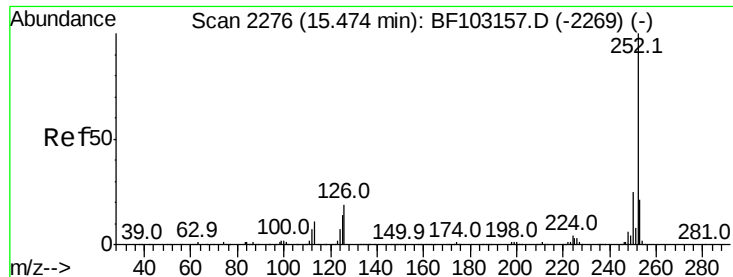
Tot Ion:252 Resp: 445968
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 11.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.652 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:252 Resp: 497441
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 13.3 10.2 15.2

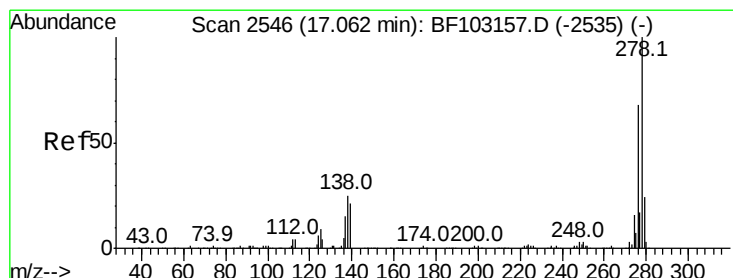
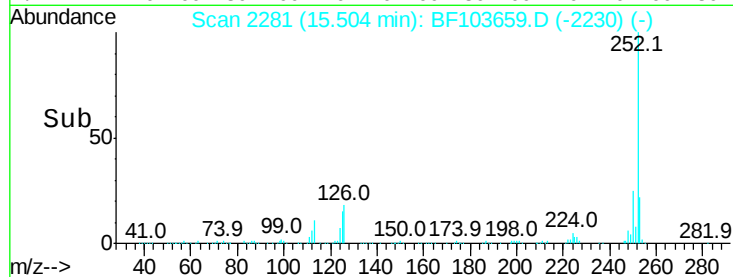
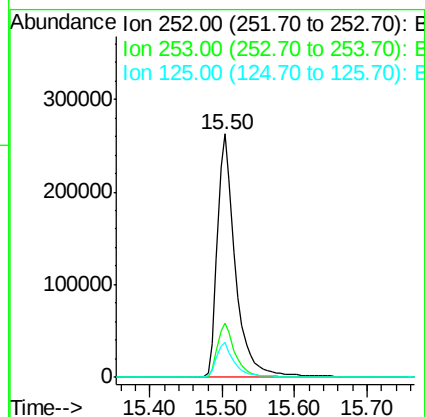
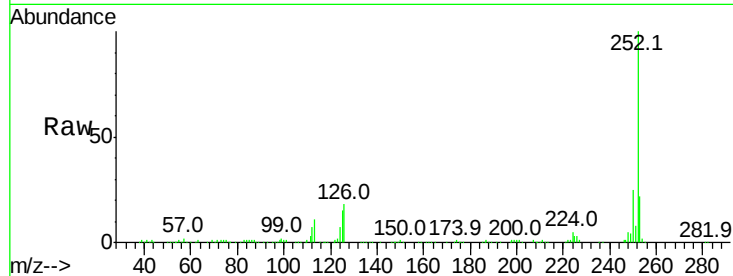




#89
Benzo(a)pyrene
Concen: 40.955 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

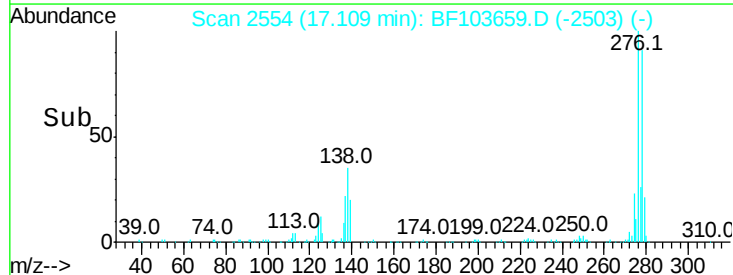
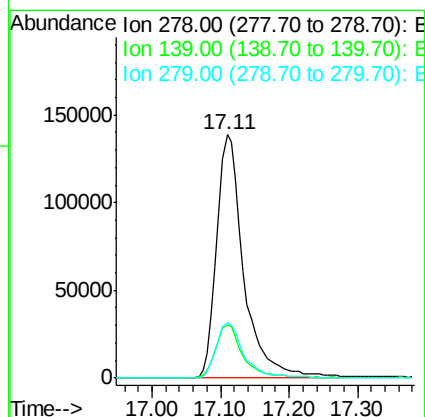
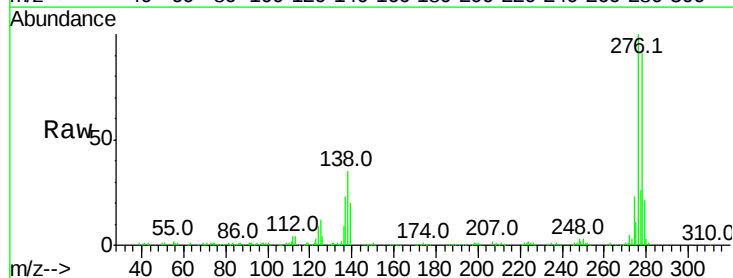
Instrument :
BNA_F
ClientSampleId :

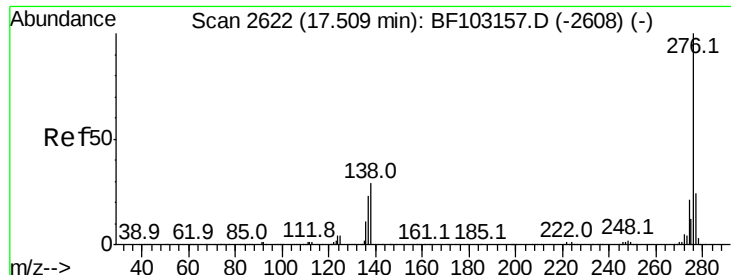
Tot Ion:252 Resp: 452963
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 14.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.588 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BF103659.D
Acq: 14 Mar 2018 23:32

Tgt Ion:278 Resp: 381063
Ion Ratio Lower Upper
278 100
139 21.6 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.477 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

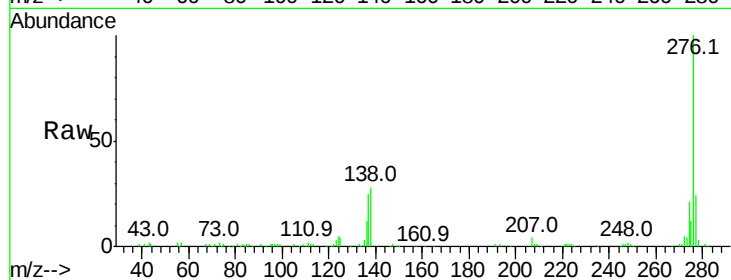
Lab File: BF103659.D

Acq: 14 Mar 2018 23:32

Instrument :

BNA_F

ClientSampleId :



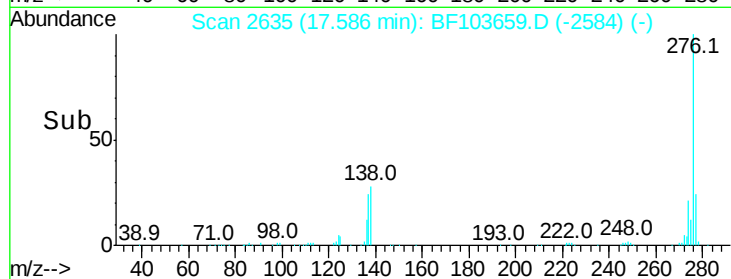
Tot Ion:276 Resp: 354796

Ion Ratio Lower Upper

276 100

277 24.4 17.9 26.9

138 28.2 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

