

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103588.D
 Acq On : 12 Mar 2018 18:08
 Operator : SJ/JU
 Sample : J1867-14MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:17:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114727	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	481244	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	222324	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	406469	20.00	ng	0.00
75) Chrysene-d12	14.06	240	280686	20.00	ng	0.00
86) Perylene-d12	15.56	264	262406	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	600938	79.22	ng	0.00
7) Phenol-d6	6.51	99	482628	52.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	869484	103.18	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	243734	129.52	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1242403	100.48	ng	0.00
78) Terphenyl-d14	12.99	244	1159801	99.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	73169	18.263	ng	98
3) Pyridine	3.54	79	111196	10.396	ng	94
4) n-Nitrosodimethylamine	3.46	42	64367	14.922	ng	# 86
6) Aniline	6.53	93	297638	22.218	ng	# 75
8) 2-Chlorophenol	6.65	128	346222	43.936	ng	93
9) Benzaldehyde	6.42	77	243158	44.596	ng	98
10) Phenol	6.53	94	177686	16.490	ng	# 1
11) bis(2-Chloroethyl)ether	6.59	93	384725	47.042	ng	94
12) 1,3-Dichlorobenzene	6.80	146	388830	43.178	ng	98
13) 1,4-Dichlorobenzene	6.87	146	410285	45.443	ng	100
14) 1,2-Dichlorobenzene	7.03	146	345062	41.448	ng	99
15) Benzyl Alcohol	7.02	79	212377	30.363	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	646335	46.022	ng	67
17) 2-Methylphenol	7.13	107	237560	33.173	ng	# 71
18) Hexachloroethane	7.36	117	142517	43.361	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	310657	53.776	ng	94
20) 3+4-Methylphenols	7.29	107	288479	33.046	ng	# 71
22) Acetophenone	7.27	105	567485	50.519	ng	# 96
24) Nitrobenzene	7.45	77	470129	50.672	ng	97
25) Isophorone	7.68	82	847115	51.041	ng	97
26) 2-Nitrophenol	7.76	139	223248	51.113	ng	92
27) 2,4-Dimethylphenol	7.80	122	332269	49.769	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	514337	52.710	ng	99
29) 2,4-Dichlorophenol	8.02	162	315446	49.351	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	301561	44.304	ng	98
31) Naphthalene	8.16	128	1117880	47.447	ng	99
32) Benzoic acid	7.93	122	44857	14.666	ng	93
33) 4-Chloroaniline	8.23	127	289093	28.434	ng	97
34) Hexachlorobutadiene	8.27	225	148269	41.831	ng	98
35) Caprolactam	8.60	113	51854	23.083	ng	# 83
36) 4-Chloro-3-methylphenol	8.71	107	344819	47.828	ng	97
37) 2-Methylnaphthalene	8.86	142	752517	49.420	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	279326	45.958	ng	98
40) Hexachlorocyclopentadiene	9.00	237	89313	45.943	ng	98

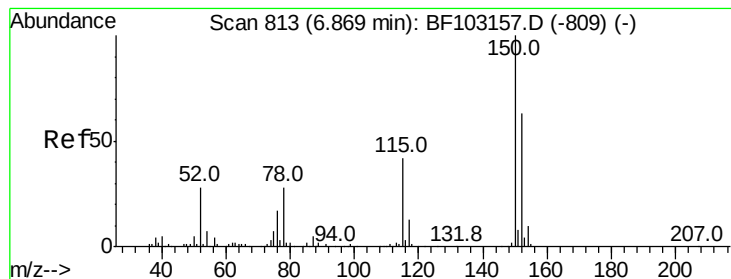
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103588.D
 Acq On : 12 Mar 2018 18:08
 Operator : SJ/JU
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Quant Time: Mar 13 01:17:50 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	182508	44.627	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	193127	41.058	ng	98
45) 1,1'-Biphenyl	9.32	154	834385	44.788	ng	99
46) 2-Chloronaphthalene	9.35	162	662613	44.958	ng	99
47) 2-Nitroaniline	9.46	65	273656	50.125	ng	90
48) Acenaphthylene	9.76	152	973799	42.943	ng	98
49) Dimethylphthalate	9.62	163	798982	44.798	ng	100
50) 2,6-Dinitrotoluene	9.70	165	173756	46.424	ng	# 82
51) Acenaphthene	9.93	154	609985	46.130	ng	99
52) 3-Nitroaniline	9.88	138	139570	29.392	ng	97
53) 2,4-Dinitrophenol	10.00	184	131054	94.901	ng	# 19
54) Dibenzofuran	10.11	168	883422	48.668	ng	96
55) 4-Nitrophenol	10.11	139	440089	149.537	ng	# 14
56) 2,4-Dinitrotoluene	10.12	165	227288	48.016	ng	# 83
57) Fluorene	10.46	166	750376	48.527	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	139132	44.032	ng	# 96
59) Diethylphthalate	10.32	149	781126	45.793	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	312911	47.719	ng	99
61) 4-Nitroaniline	10.50	138	211855	44.667	ng	99
62) Azobenzene	10.60	77	864537	49.792	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	88992	37.221	ng	92
65) n-Nitrosodiphenylamine	10.56	169	630200	44.529	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	186722	44.099	ng	93
67) Hexachlorobenzene	11.00	284	194708	42.367	ng	99
68) Atrazine	11.09	200	199015	46.785	ng	99
69) Pentachlorophenol	11.21	266	138647	62.393	ng	97
70) Phenanthrene	11.42	178	1063342	47.536	ng	99
71) Anthracene	11.47	178	1113626	48.549	ng	98
72) Carbazole	11.64	167	1103066	48.290	ng	99
73) Di-n-butylphthalate	11.94	149	1352837	47.330	ng	99
74) Fluoranthene	12.62	202	1062466	47.266	ng	99
76) Benzidine	12.74	184	434013	41.360	ng	97
77) Pyrene	12.85	202	1050939	48.023	ng	99
79) Butylbenzylphthalate	13.45	149	554187	47.931	ng	98
80) Benzo(a)anthracene	14.04	228	880484	48.347	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	189429	29.145	ng	99
82) Chrysene	14.09	228	848983	48.010	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	696484	44.638	ng	# 98
84) Di-n-octyl phthalate	14.62	149	1264666	50.167	ng	100
85) Indeno(1,2,3-cd)pyrene	17.12	276	727583	51.972	ng	98
87) Benzo(b)fluoranthene	15.12	252	777597	45.070	ng	97
88) Benzo(k)fluoranthene	15.15	252	818690	50.392	ng	99
89) Benzo(a)pyrene	15.50	252	755483	49.035	ng	97
90) Dibenzo(a,h)anthracene	17.12	278	614508	51.617	ng	97
91) Benzo(g,h,i)perylene	17.59	276	632290	54.342	ng	98

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

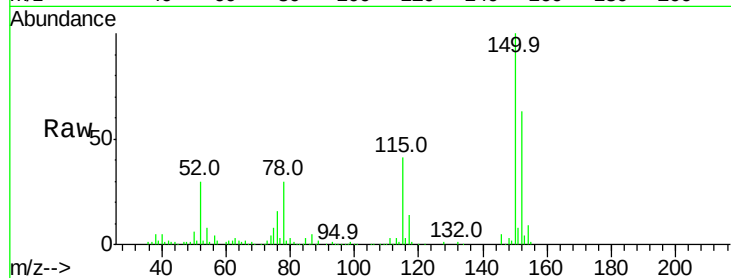


#1

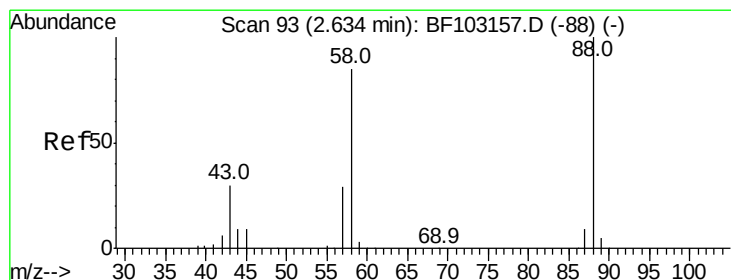
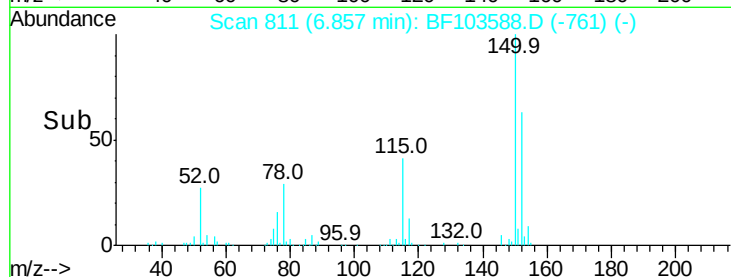
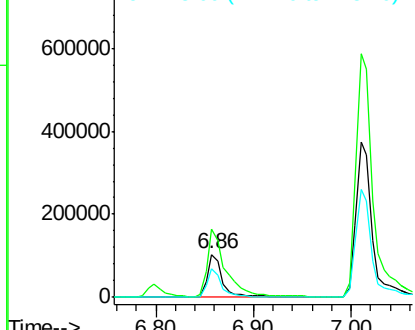
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	66.0	50.1	75.1



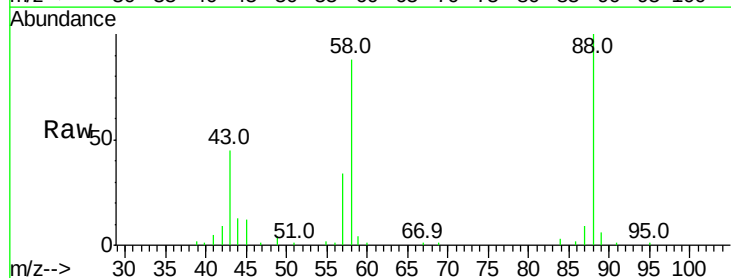
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



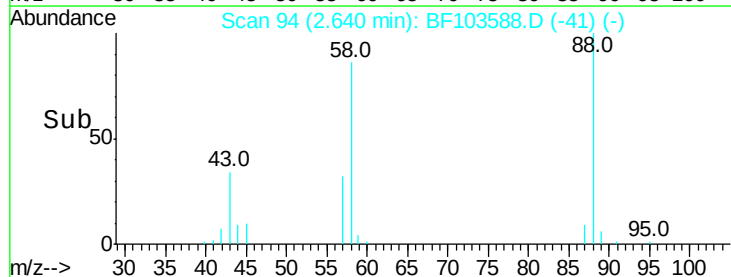
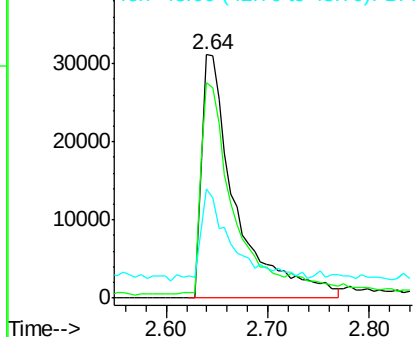
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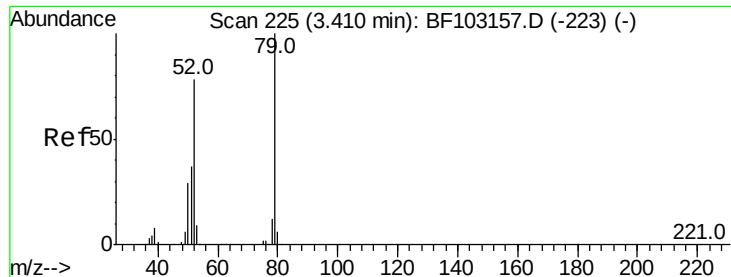
1,4-Dioxane
Concen: 18.263 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.6	93.8
43	34.3	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: 10.396 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.11 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

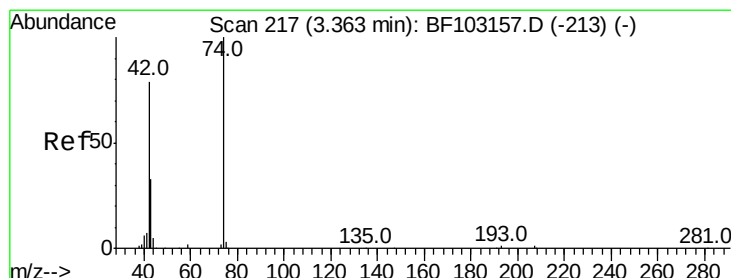
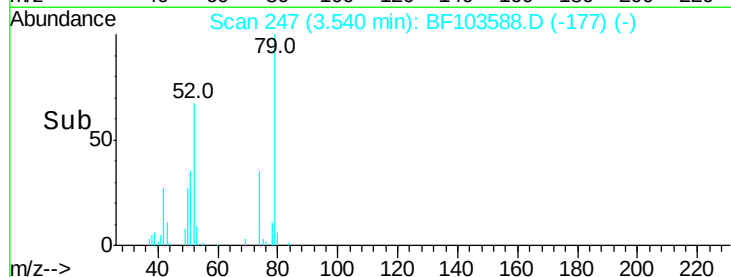
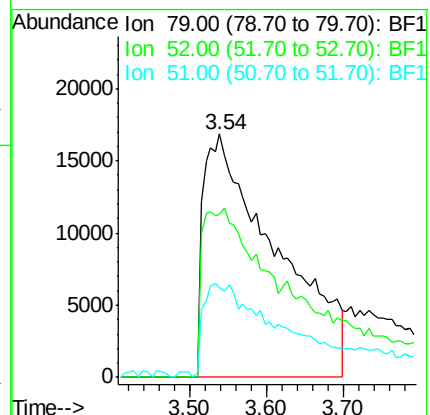
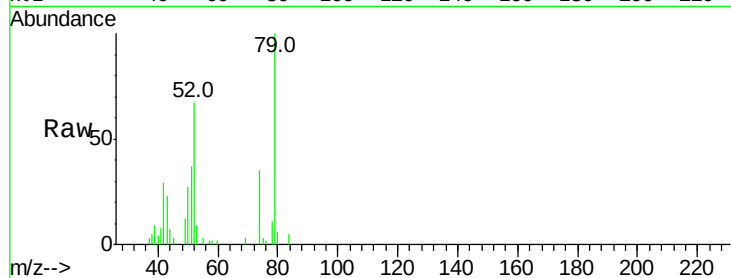
Tot Ion: 79 Resp: 111196

Ion Ratio Lower Upper

79 100

52 67.1 59.8 89.6

51 37.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 14.922 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.07 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

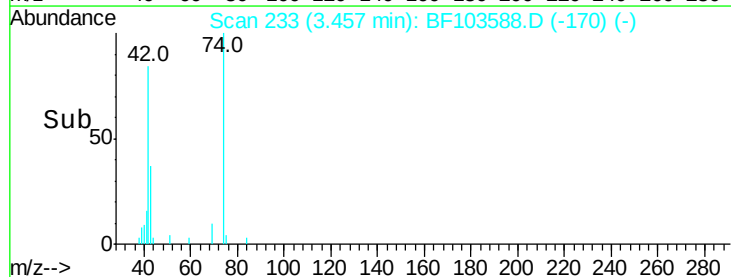
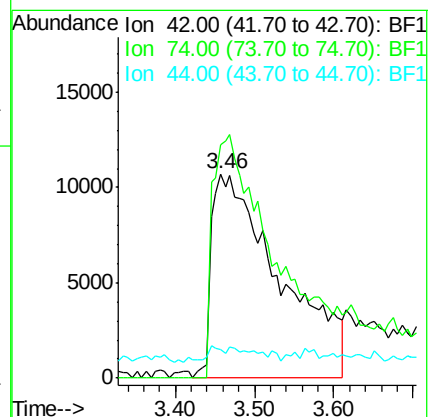
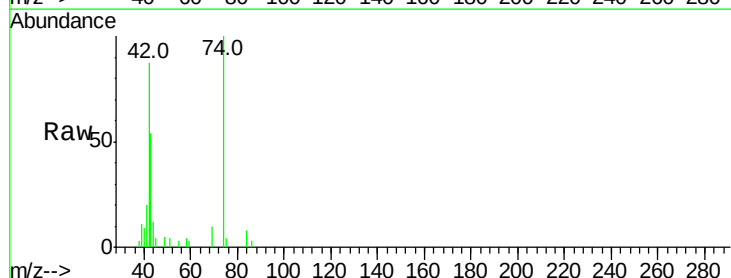
Tgt Ion: 42 Resp: 64367

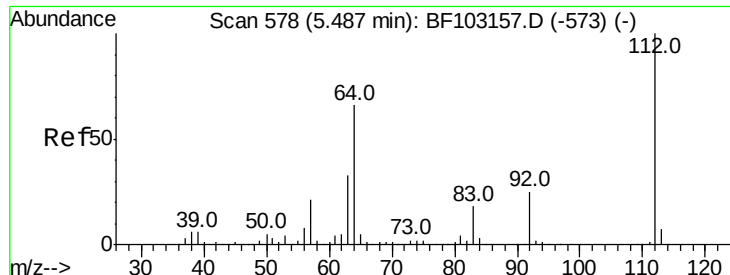
Ion Ratio Lower Upper

42 100

74 114.5 104.9 157.3

44 14.2 6.9 10.3#

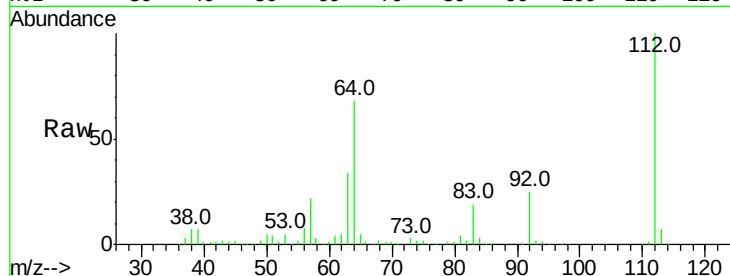




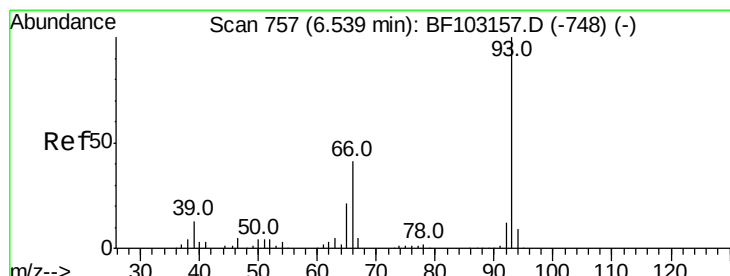
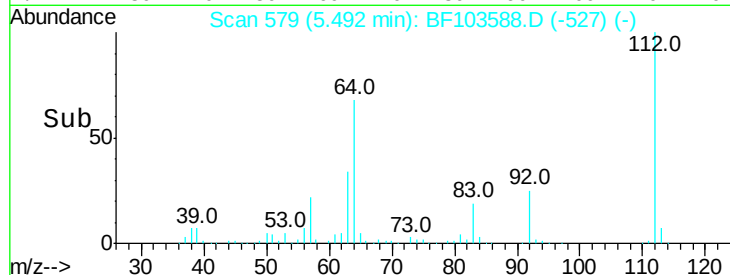
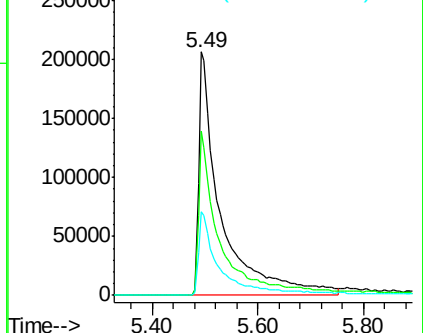
#5
 2-Fluorophenol
 Concen: 79.221 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 600938
 Ion Ratio Lower Upper
 112 100
 64 67.6 47.9 71.9
 63 34.5 23.7 35.5

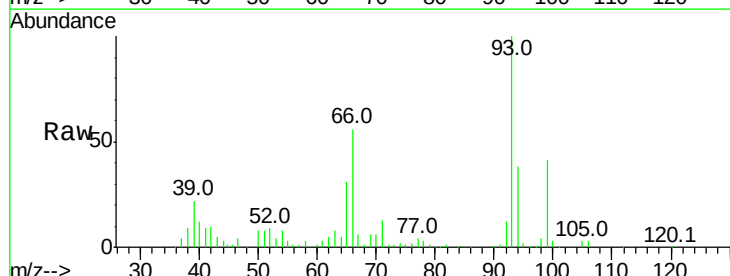


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

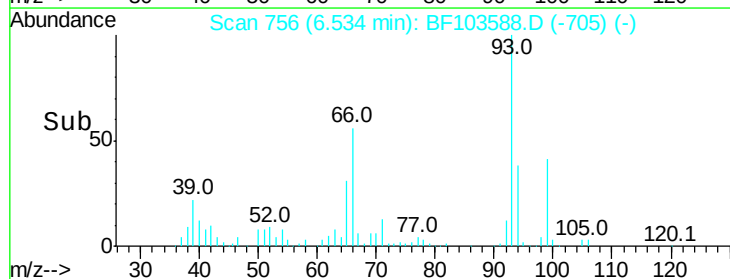
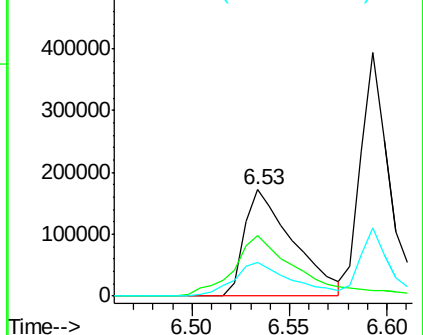


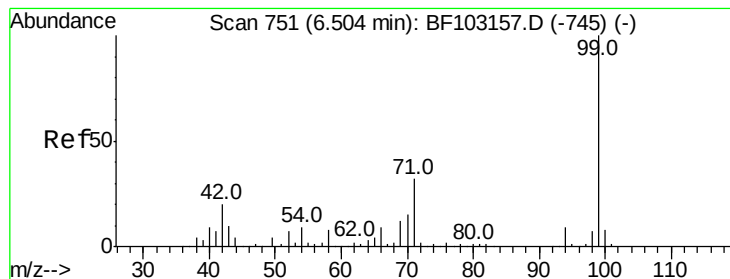
#6
 Aniline
 Concen: 22.218 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion: 93 Resp: 297638
 Ion Ratio Lower Upper
 93 100
 66 56.3 32.2 48.2#
 65 31.4 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 51.995 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

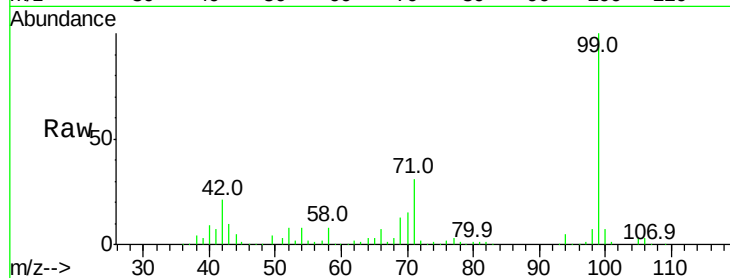
Tot Ion: 99 Resp: 482628

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

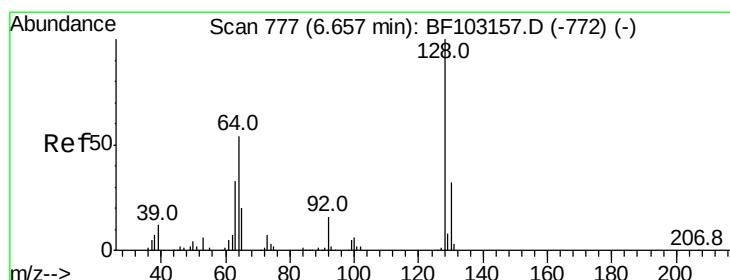
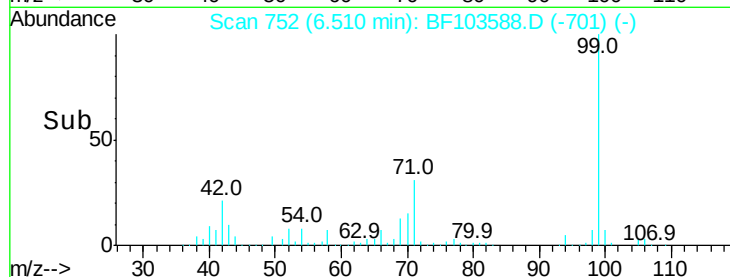
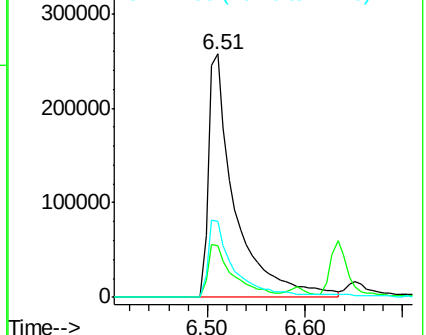
71 31.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.936 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

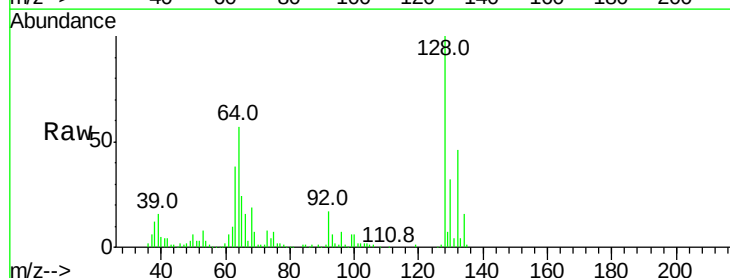
Tgt Ion:128 Resp: 346222

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

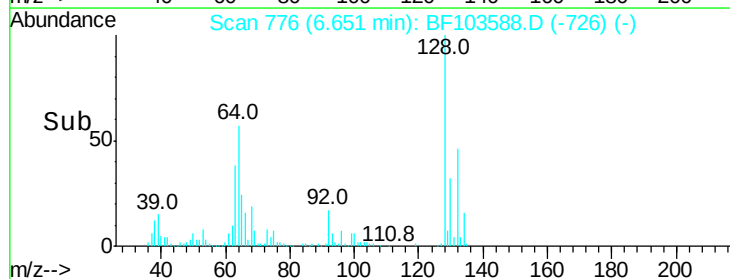
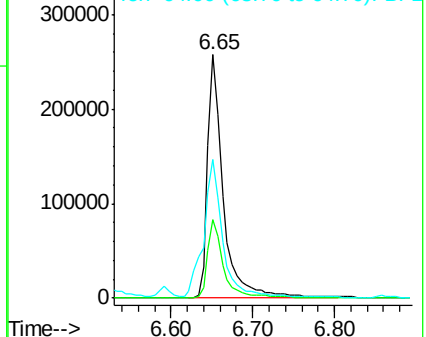
64 57.0 29.4 69.4

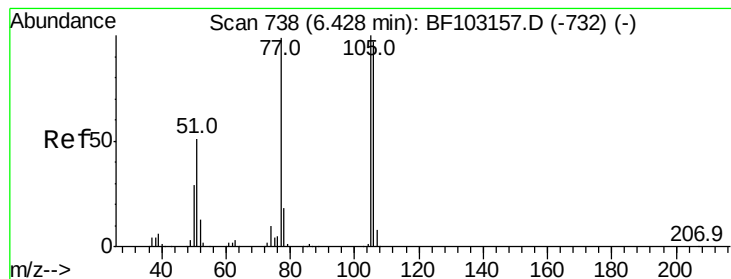


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.596 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampled :

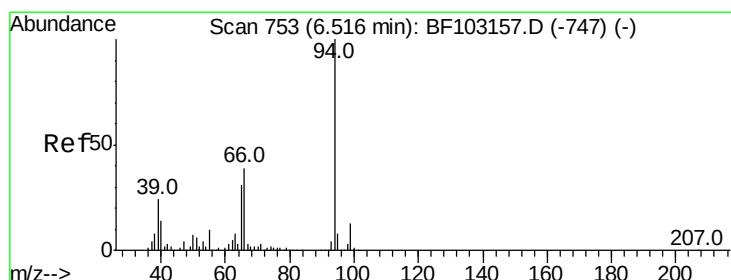
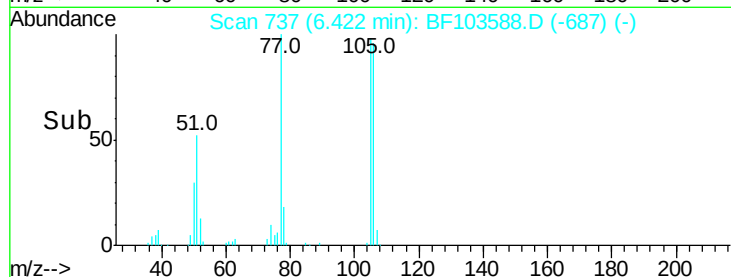
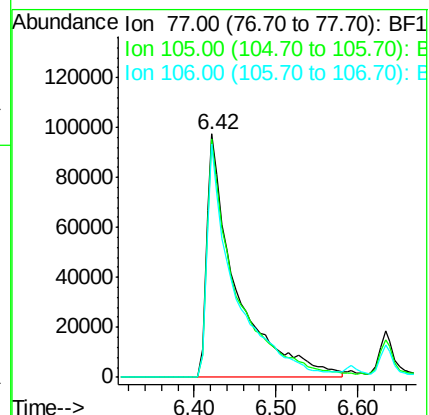
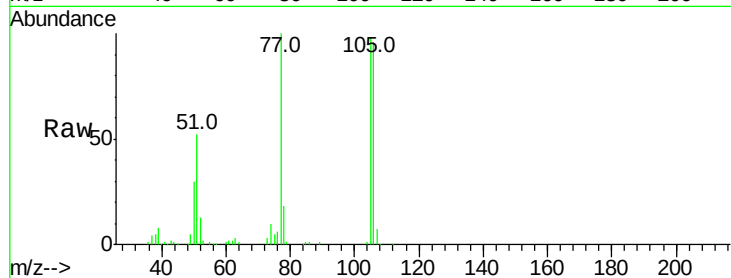
Tot Ion: 77 Resp: 243158

Ion Ratio Lower Upper

77 100

105 98.0 81.1 121.1

106 95.8 74.5 114.5



#10

Phenol

Concen: 16.490 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

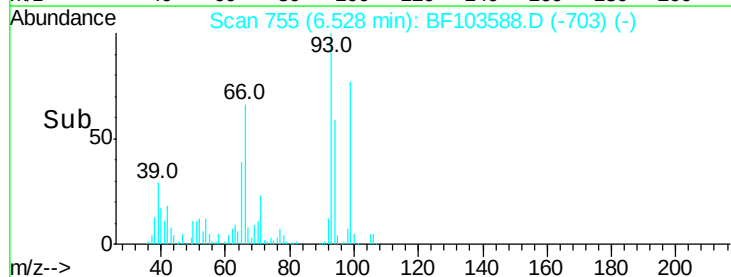
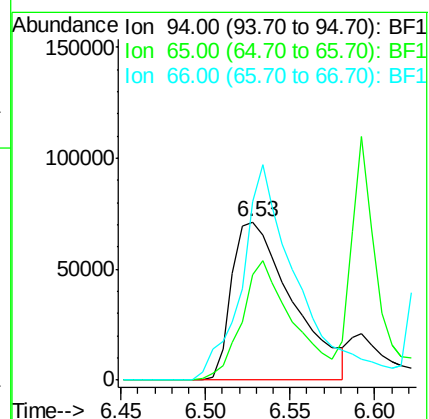
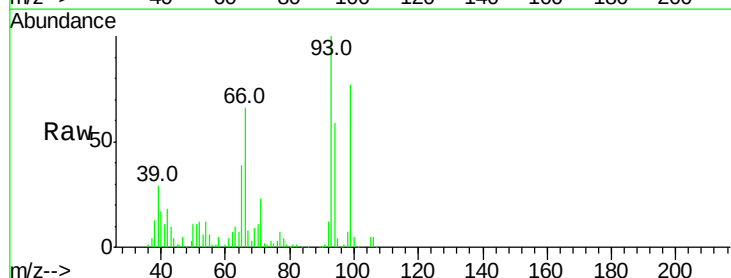
Tgt Ion: 94 Resp: 177686

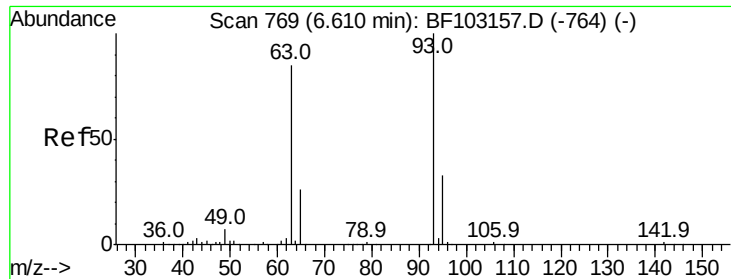
Ion Ratio Lower Upper

94 100

65 66.6 7.9 47.9#

66 113.0 16.2 56.2#





#11

bis(2-Chloroethyl)ether

Concen: 47.042 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

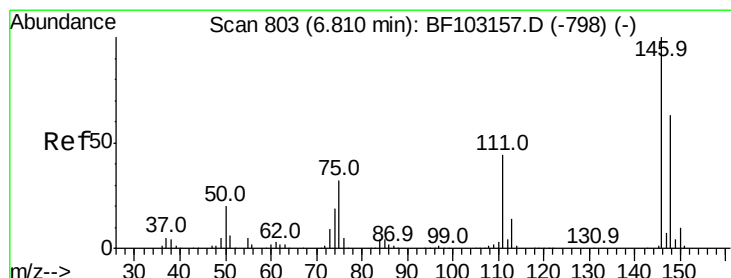
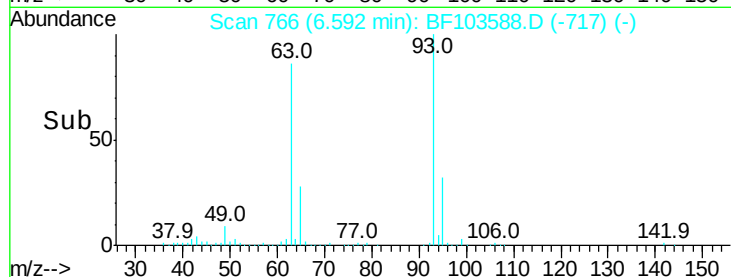
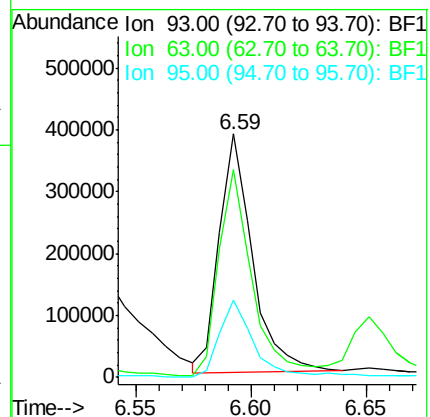
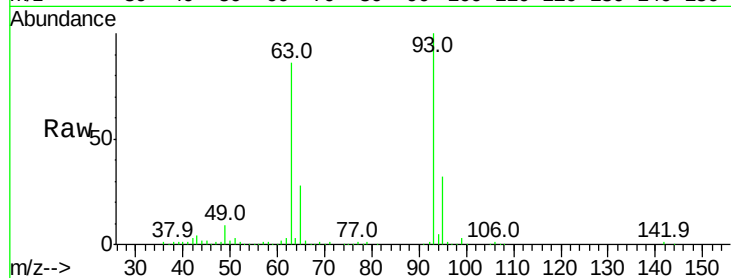
Tot Ion: 93 Resp: 384725

Ion Ratio Lower Upper

93 100

63 85.6 58.6 98.6

95 31.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.178 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

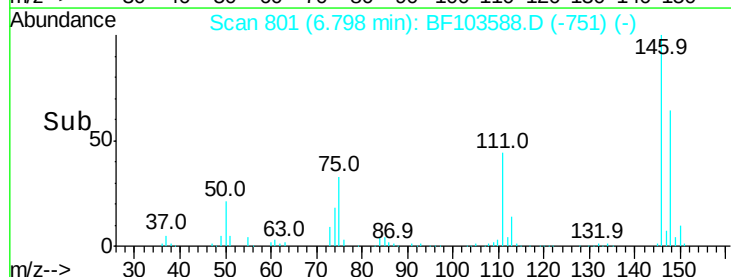
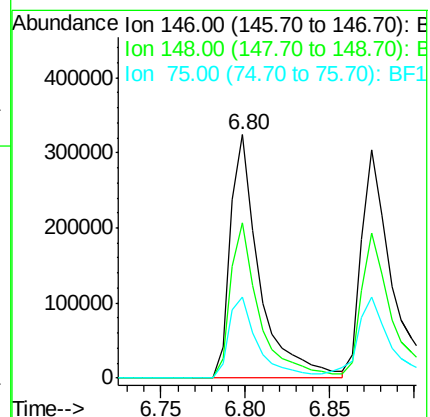
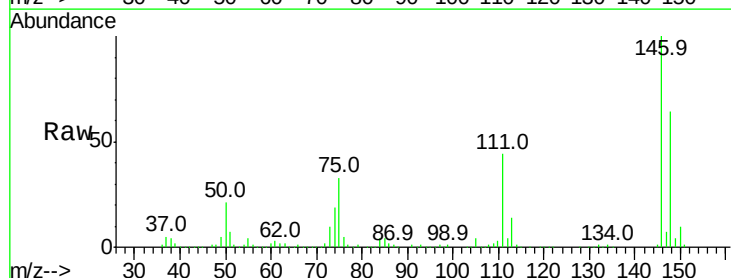
Tgt Ion: 146 Resp: 388830

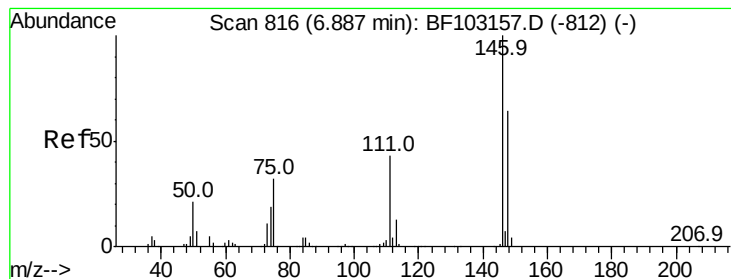
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

75 33.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 45.443 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampled :

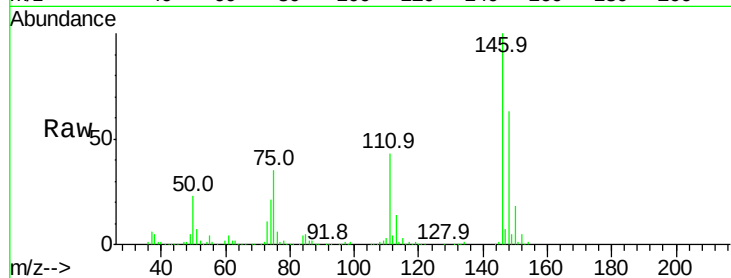
Tot Ion:146 Resp: 410285

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

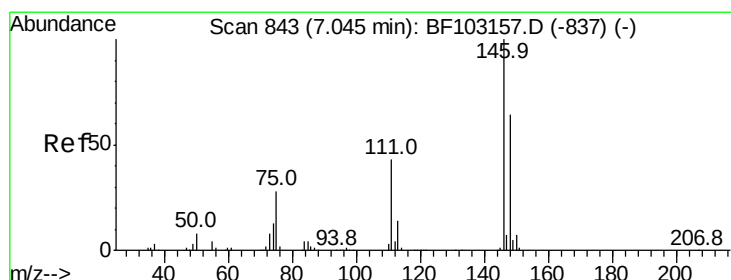
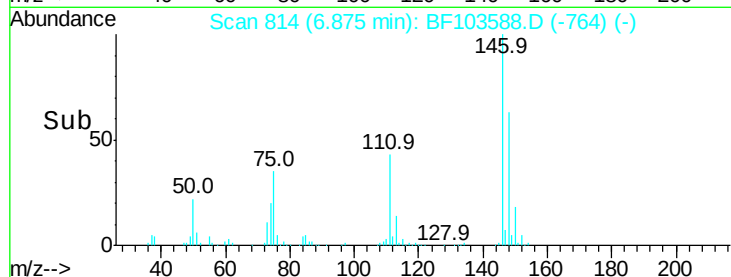
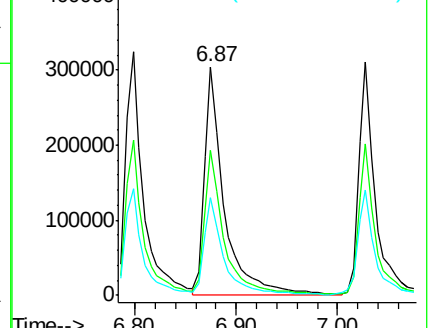
111 42.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.448 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

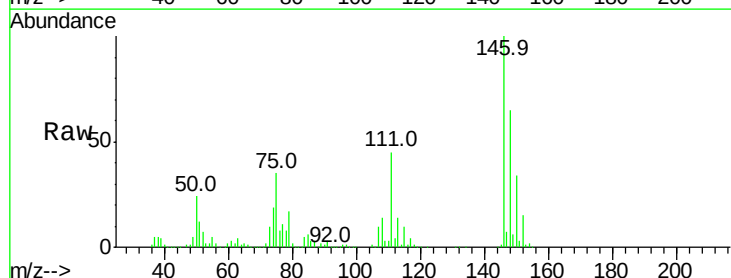
Tgt Ion:146 Resp: 345062

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

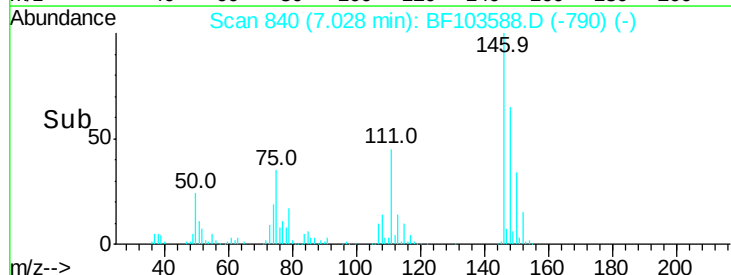
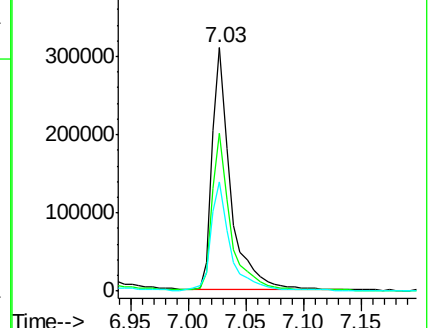
111 44.9 36.0 54.0

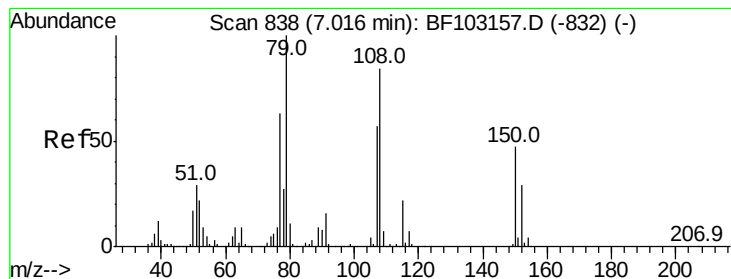


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.363 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampled :

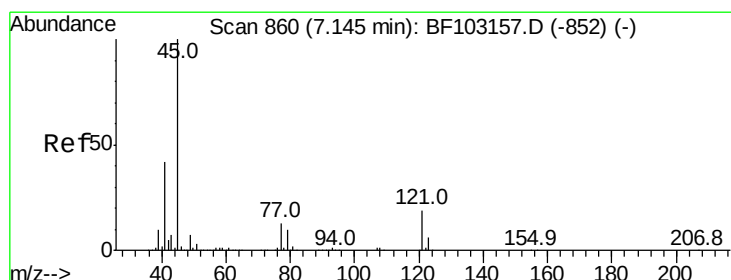
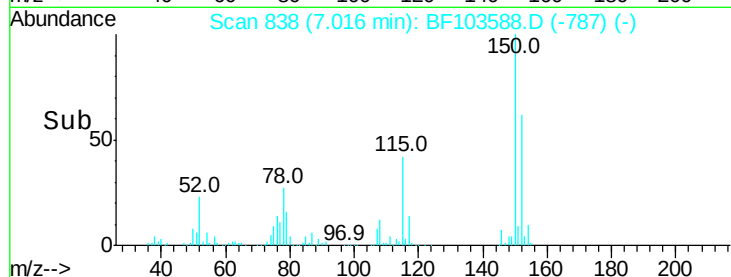
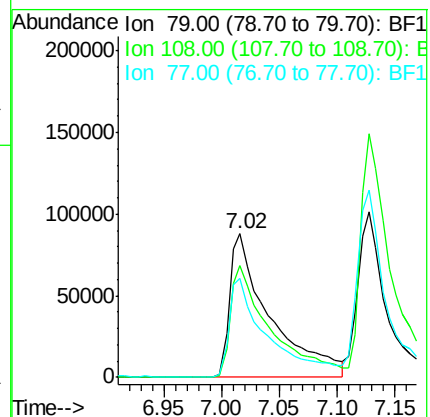
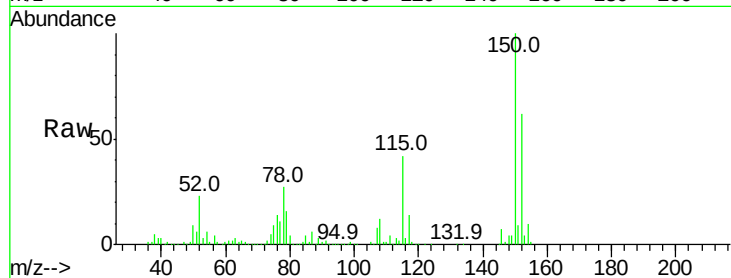
Tot Ion: 79 Resp: 212377

Ion Ratio Lower Upper

79 100

108 78.1 65.1 97.7

77 69.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.022 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

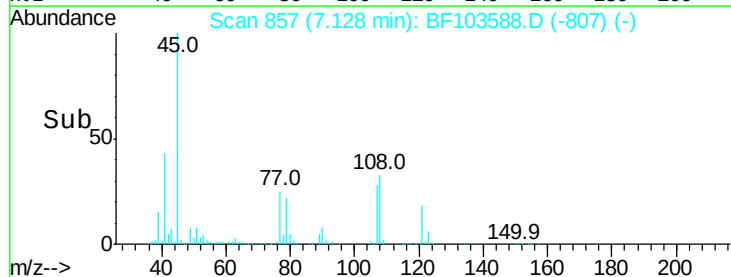
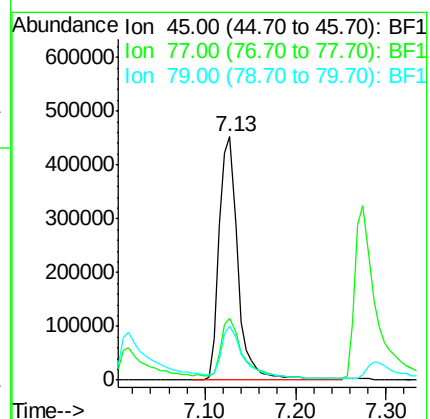
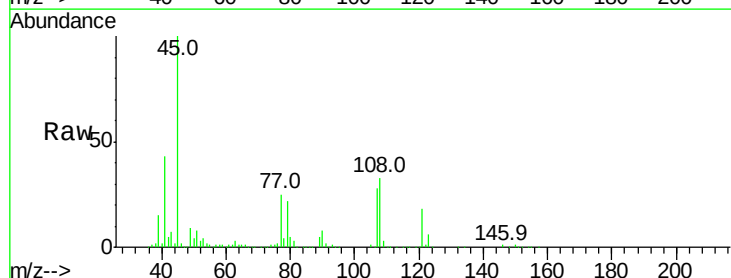
Tgt Ion: 45 Resp: 646335

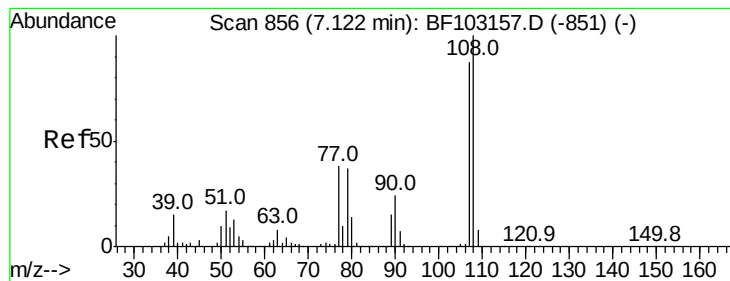
Ion Ratio Lower Upper

45 100

77 25.3 0.0 32.9

79 22.3 0.0 29.6

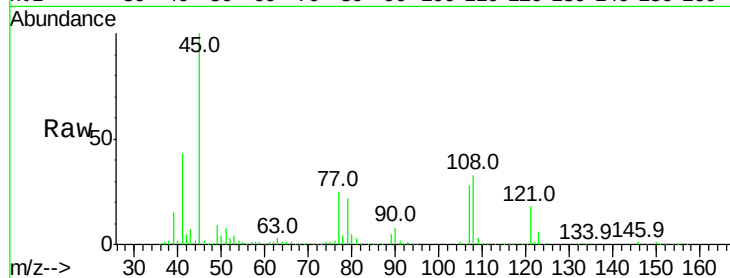




#17
2-Methylphenol
Concen: 33.173 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	91.7	137.5
77	89.4	33.8	50.8#
79	78.8	33.8	50.8#



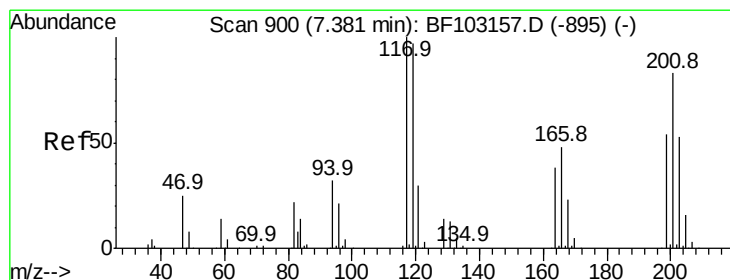
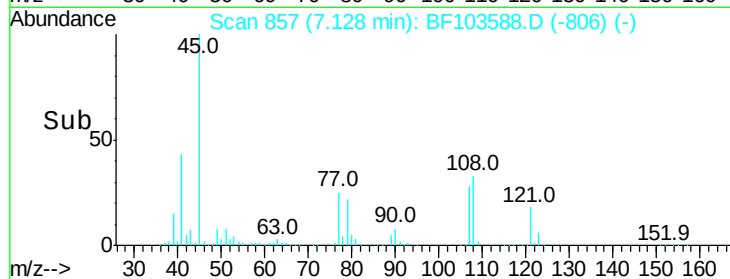
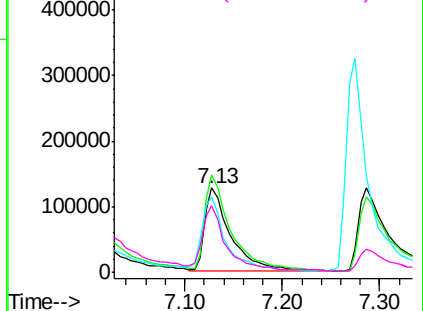
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

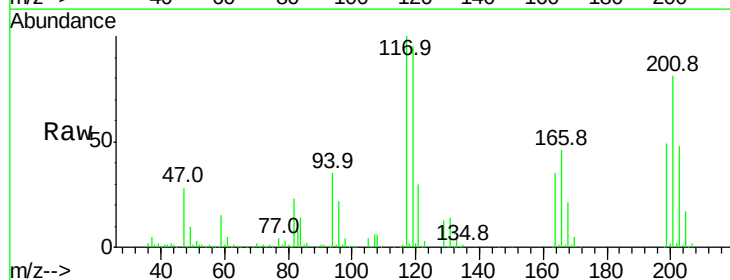
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.361 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.8	113.8
201	81.2	75.7	113.5

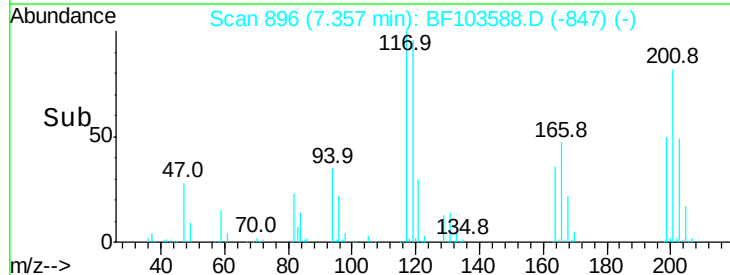
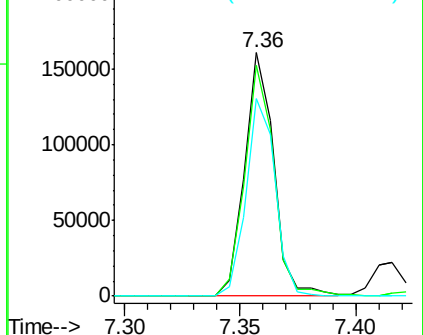


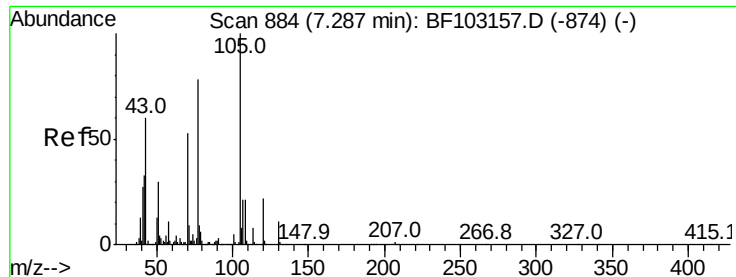
Abundance

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: 53.776 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 310657

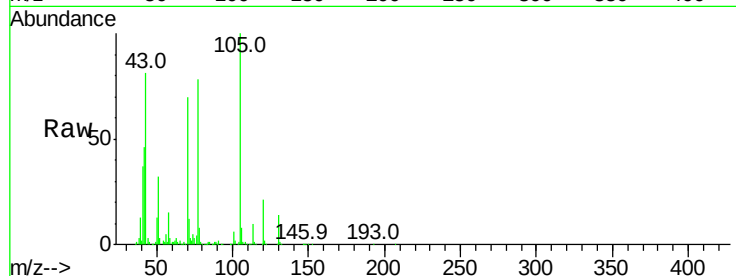
Ion Ratio Lower Upper

70 100

42 64.9 47.5 71.3

101 8.9 7.4 11.2

130 19.3 16.6 25.0

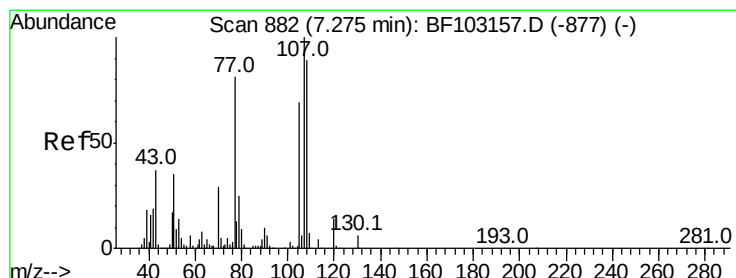
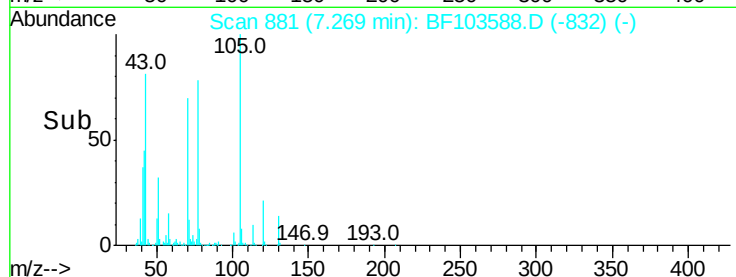
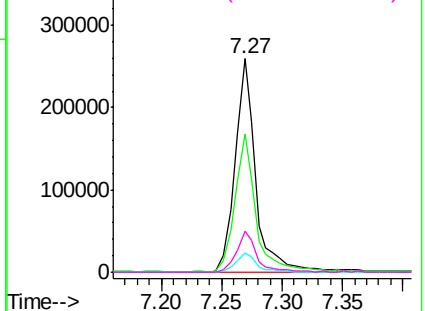


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.046 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion: 107 Resp: 288479

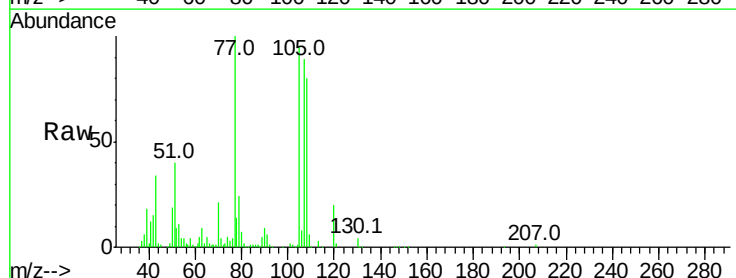
Ion Ratio Lower Upper

107 100

108 89.5 68.2 108.2

77 112.3 26.7 66.7#

79 26.6 6.3 46.3

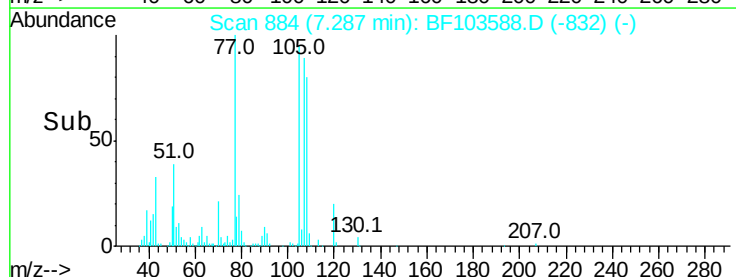
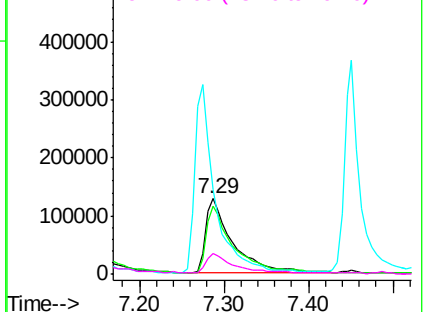


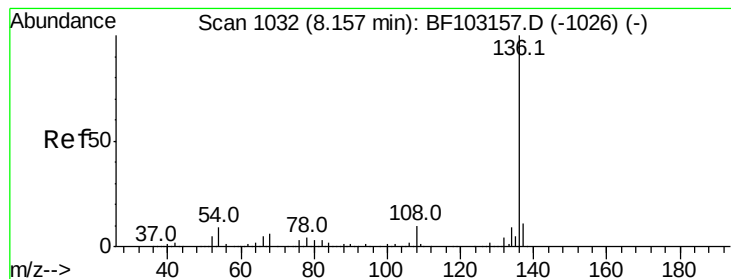
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 481244

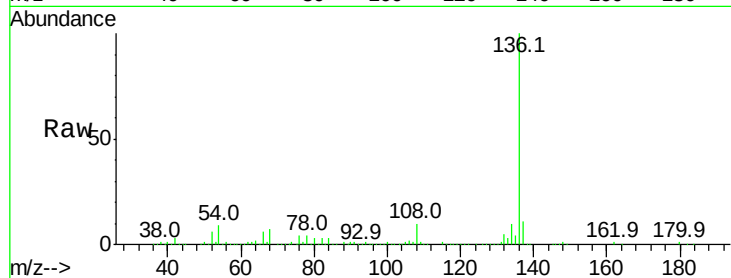
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.4 6.6 9.8

68 6.7 5.0 7.4

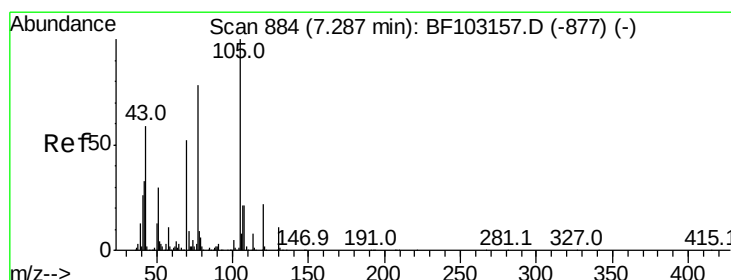
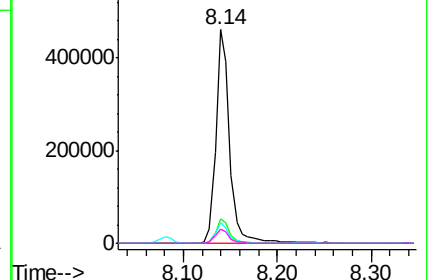
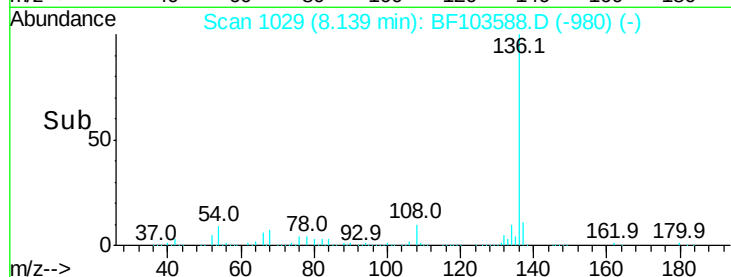


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.519 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:105 Resp: 567485

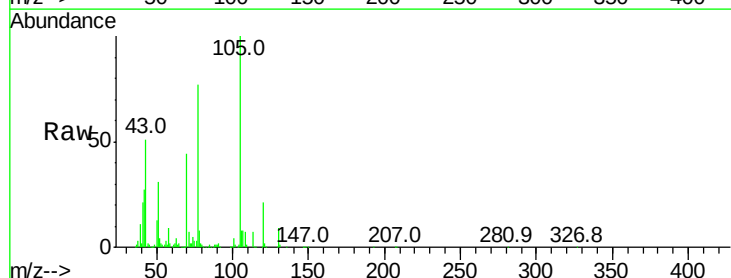
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 31.4 22.3 33.5

120 21.1 16.9 25.3

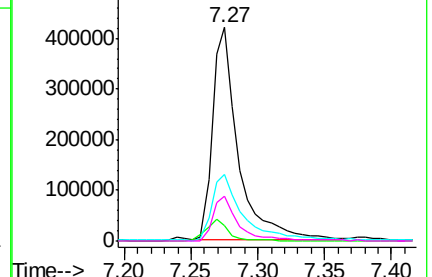
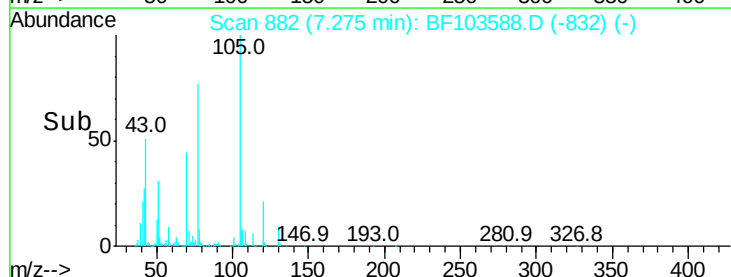


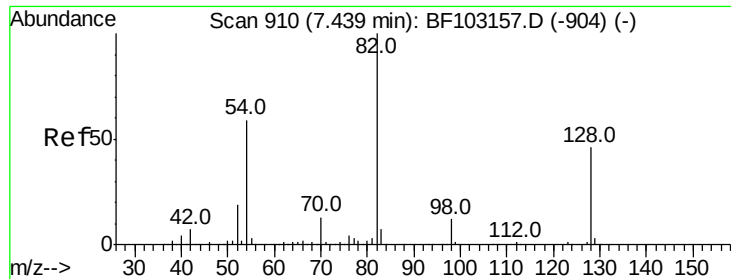
Abundance Ion 105.00 (104.70 to 105.70): E

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

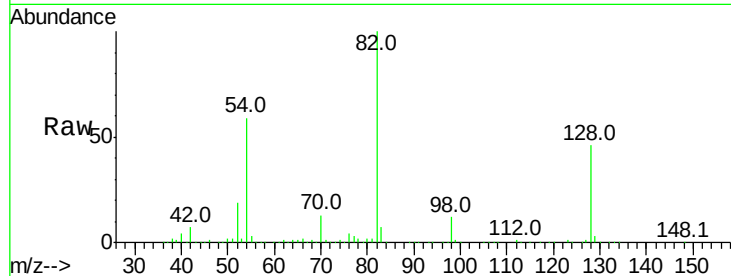




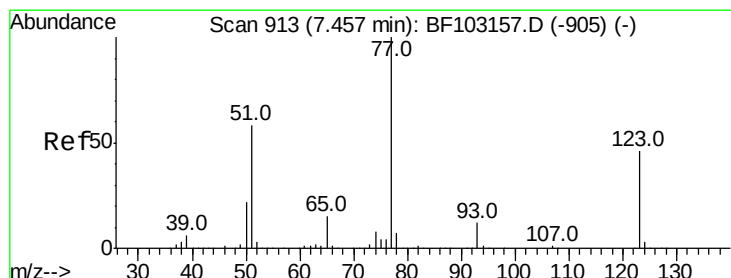
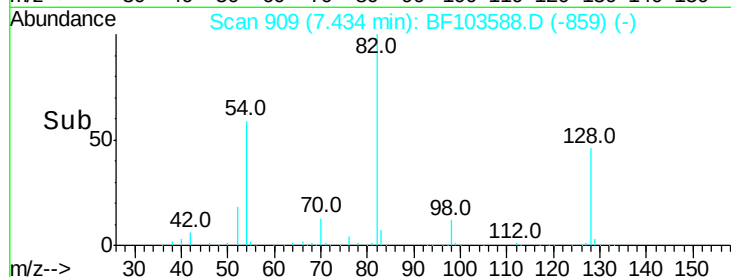
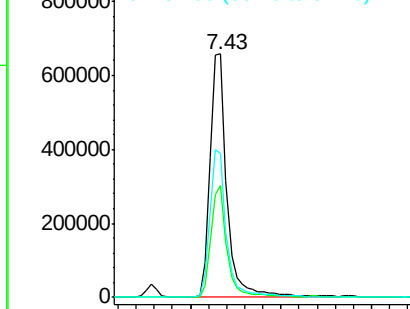
#23
 Nitrobenzene-d5
 Concen: 103.180 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 869484
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 59.1 41.4 62.2

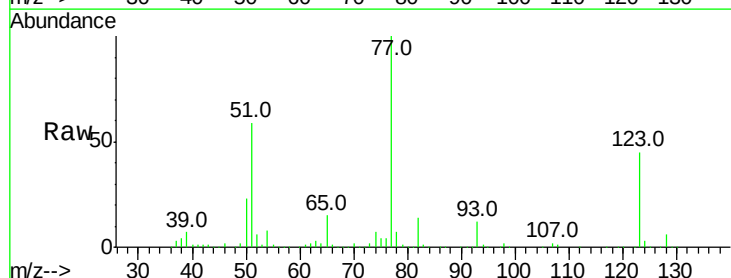


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

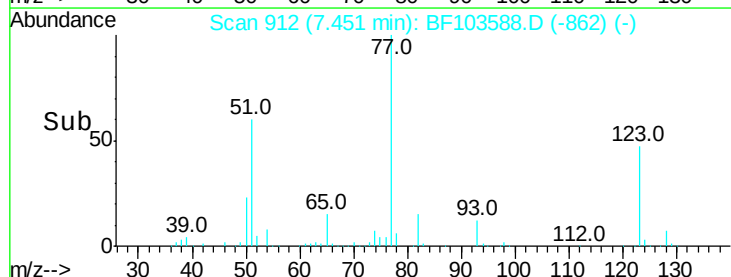
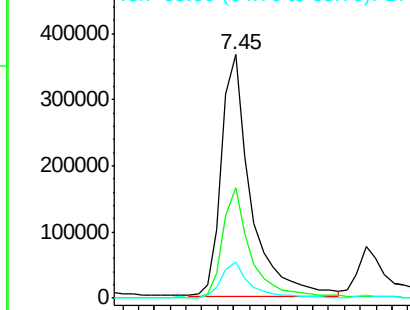


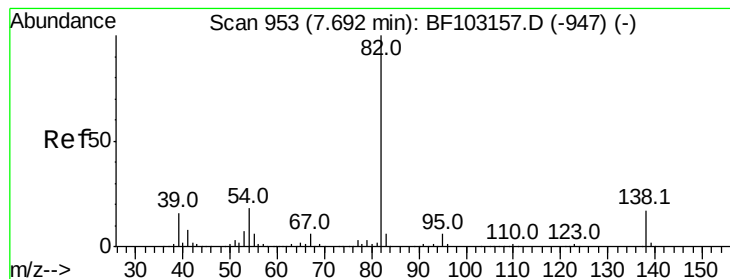
#24
 Nitrobenzene
 Concen: 50.672 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion: 77 Resp: 470129
 Ion Ratio Lower Upper
 77 100
 123 45.2 37.9 56.9
 65 14.9 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: 51.041 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :

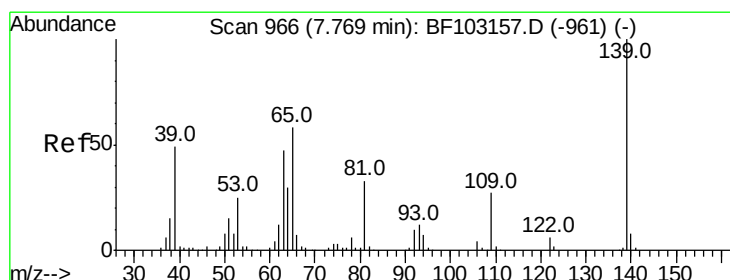
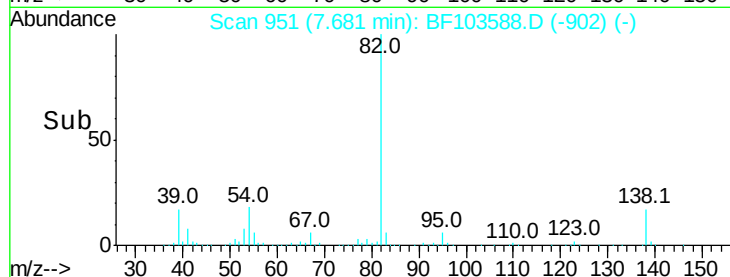
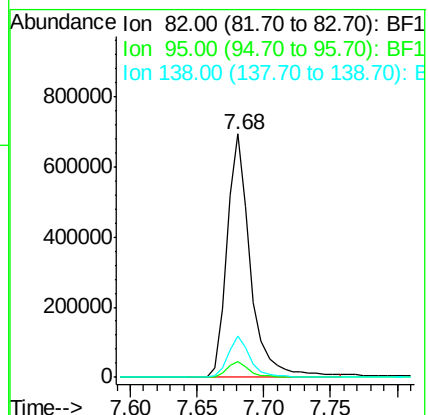
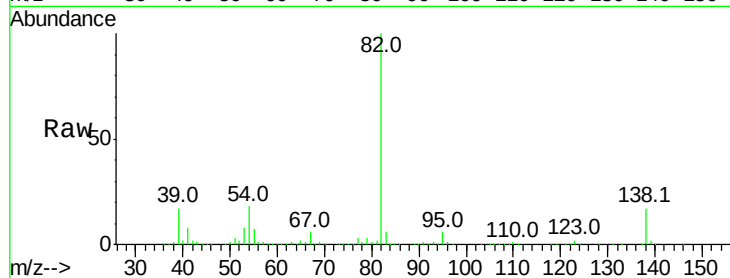
Tot Ion: 82 Resp: 847115

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.0 14.9 22.3



#26

2-Nitrophenol

Concen: 51.113 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

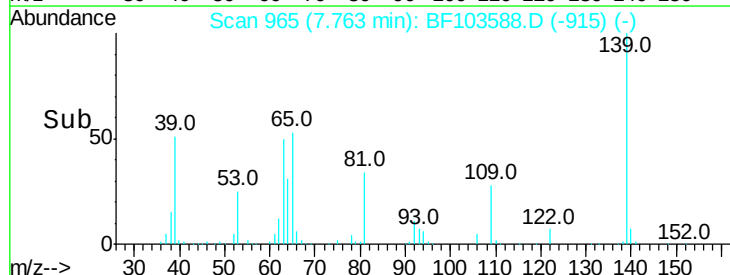
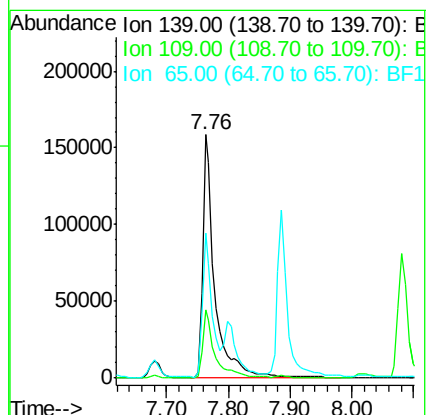
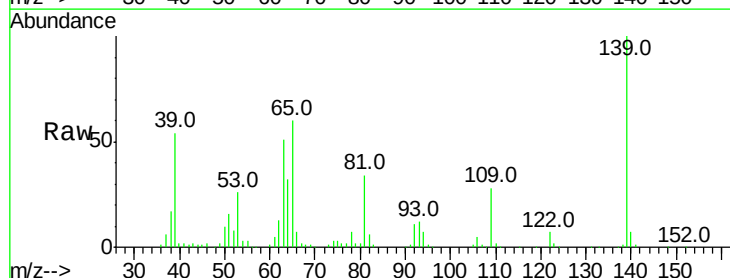
Tgt Ion: 139 Resp: 223248

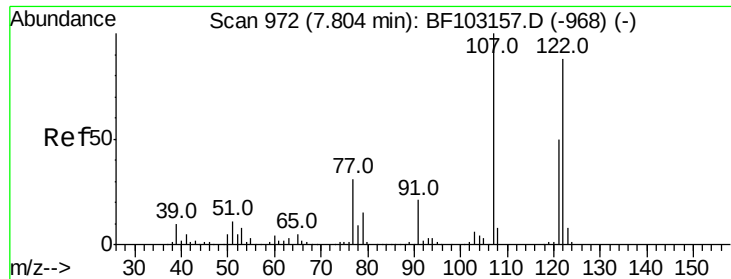
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 59.5 40.5 60.7

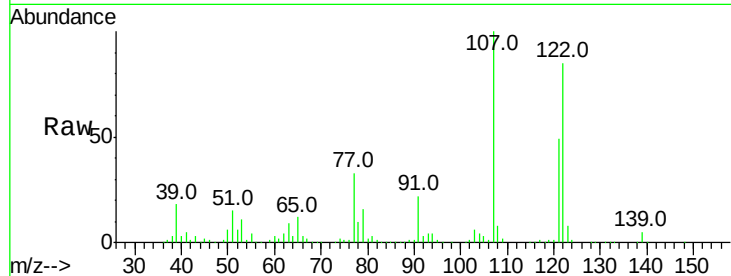




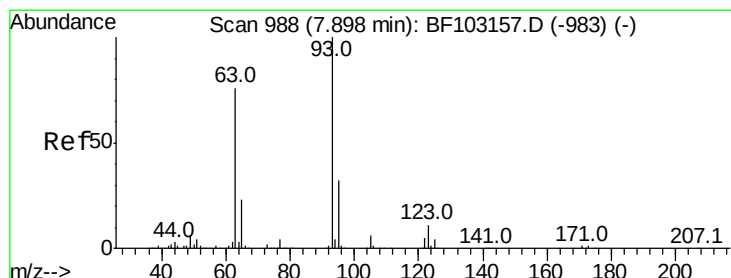
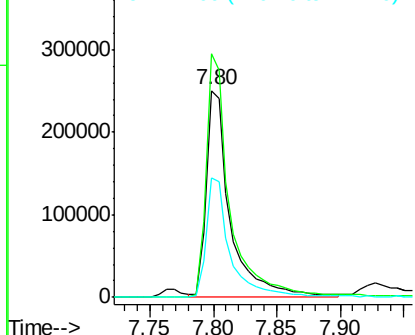
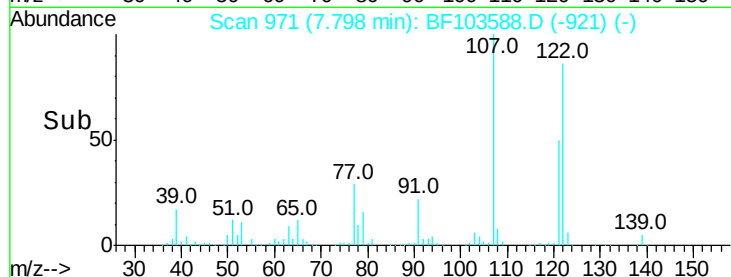
#27
2,4-Dimethylphenol
Concen: 49.769 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.2	136.8
121	57.9	47.2	70.8

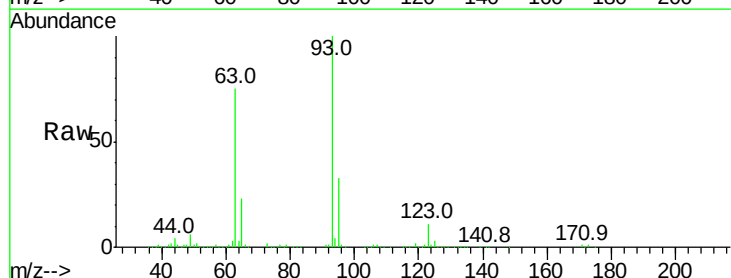


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

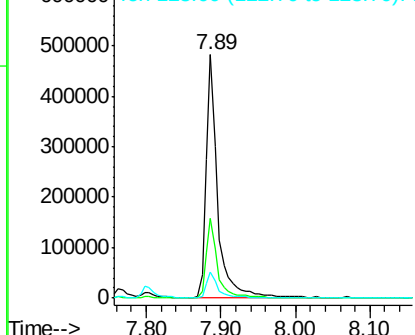
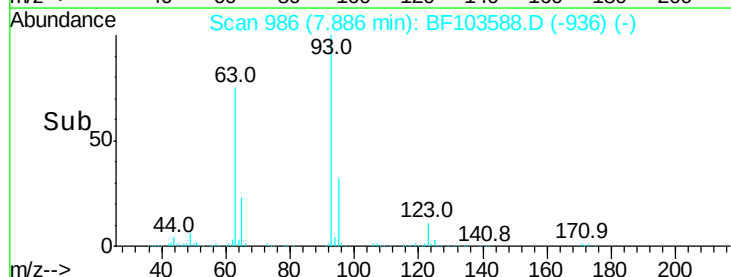


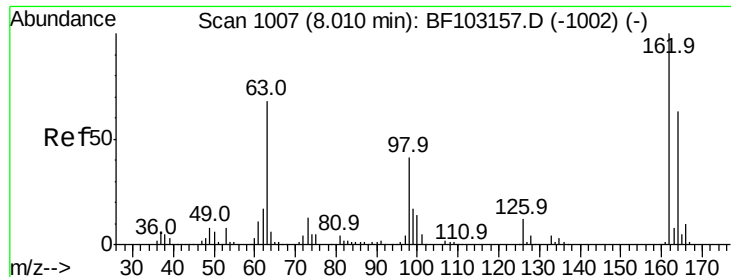
#28
bis(2-Chloroethoxy)methane
Concen: 52.710 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	10.9	9.8	14.6



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

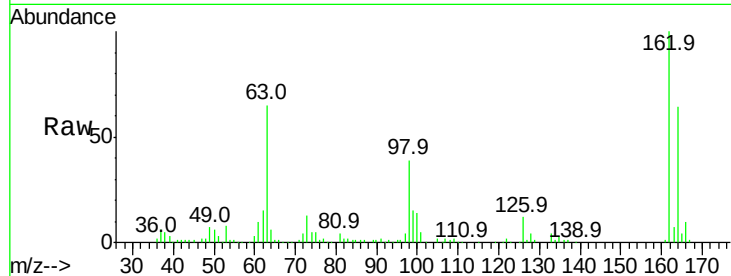




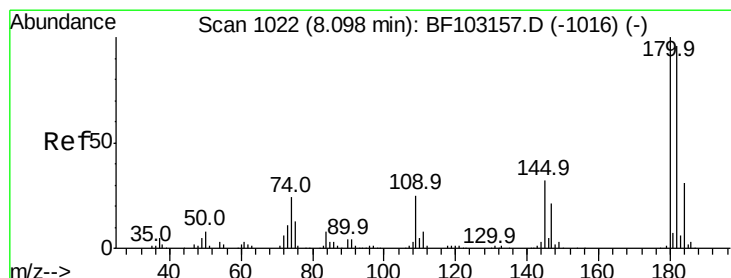
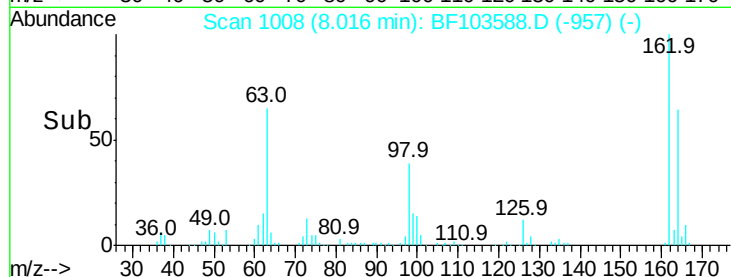
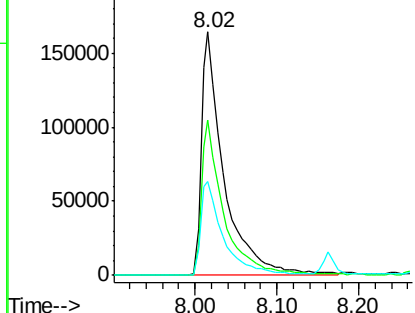
#29
2,4-Dichlorophenol
Concen: 49.351 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 315446
Ion Ratio Lower Upper
162 100
164 63.7 42.7 82.7
98 38.7 18.1 58.1

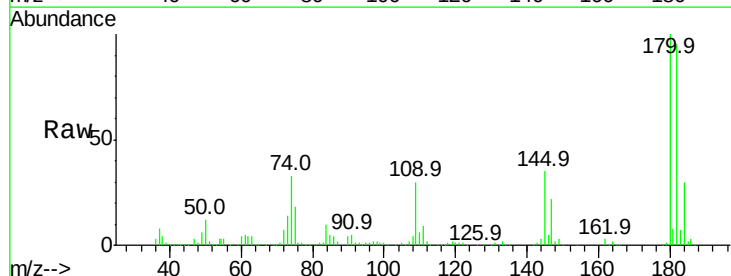


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

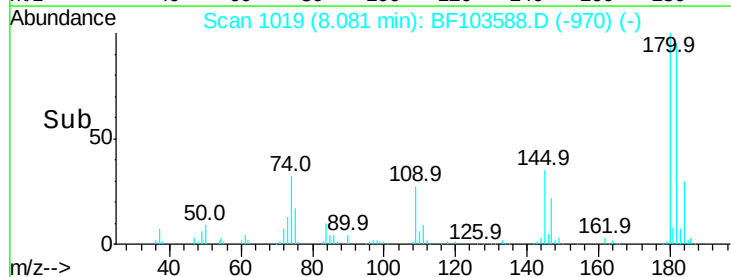
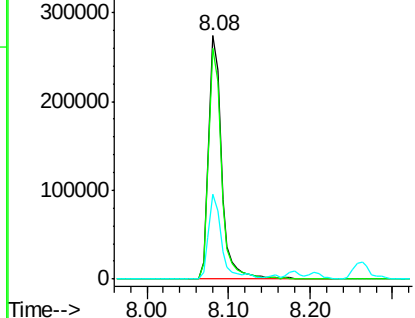


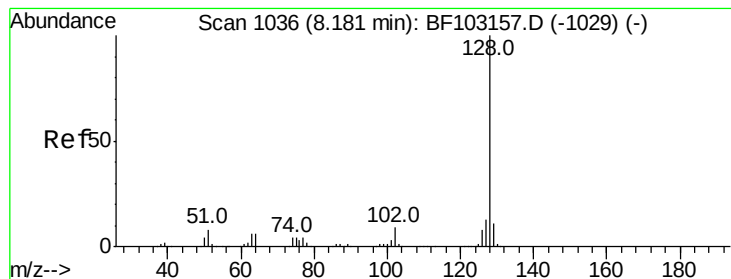
#30
1,2,4-Trichlorobenzene
Concen: 44.304 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:180 Resp: 301561
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 34.9 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: 47.447 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

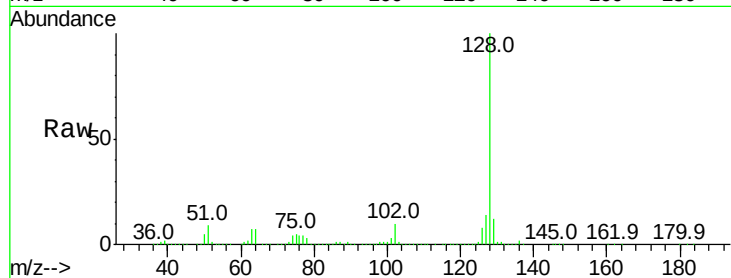
Tot Ion:128 Resp: 1117880

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

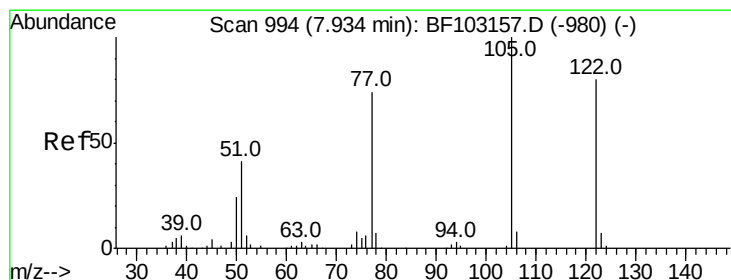
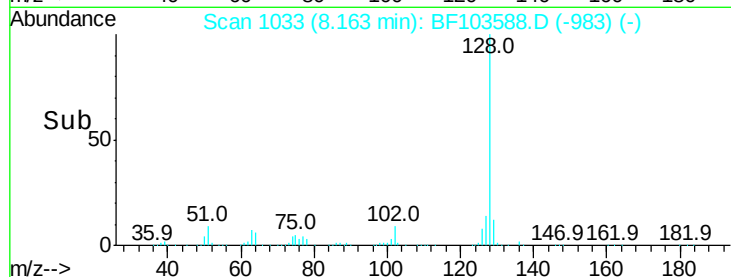
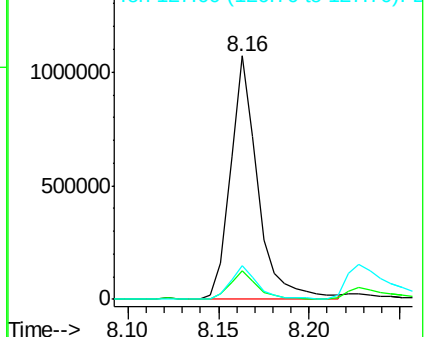
127 13.6 10.9 16.3



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: 14.666 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.04 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

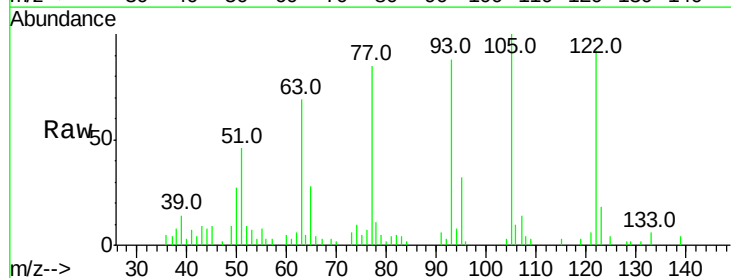
Tgt Ion:122 Resp: 44857

Ion Ratio Lower Upper

122 100

105 109.0 101.1 141.1

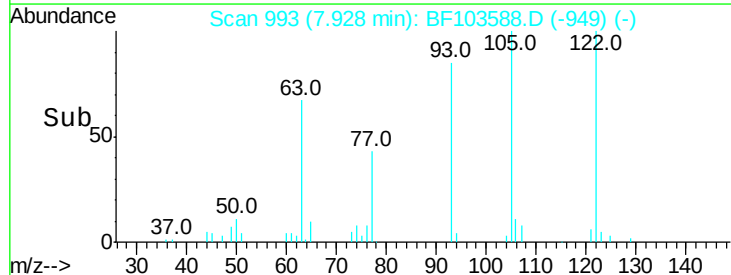
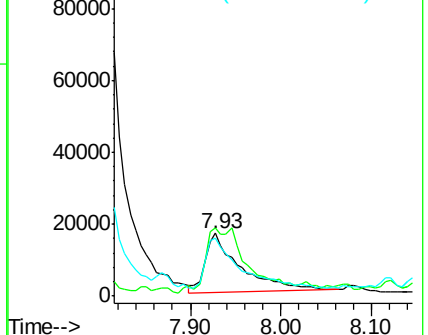
77 92.7 70.7 110.7

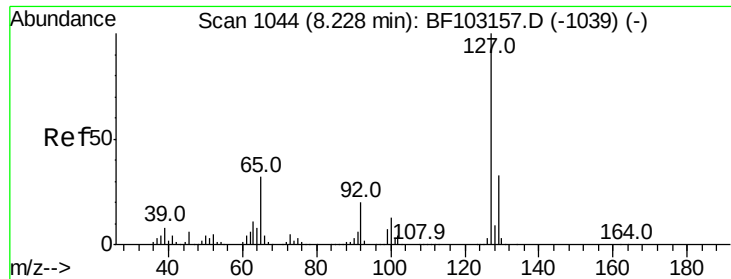


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

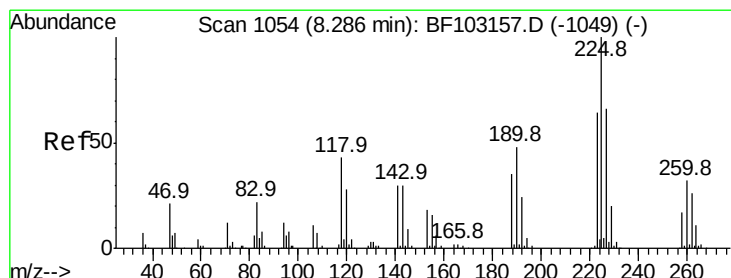
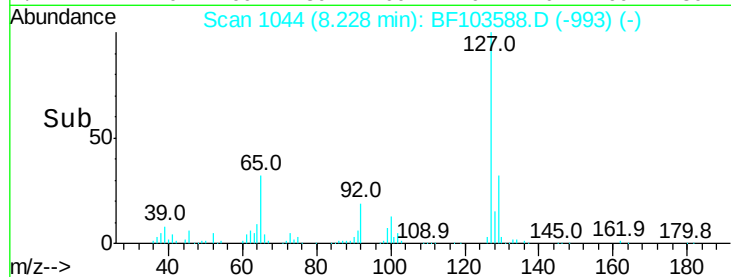
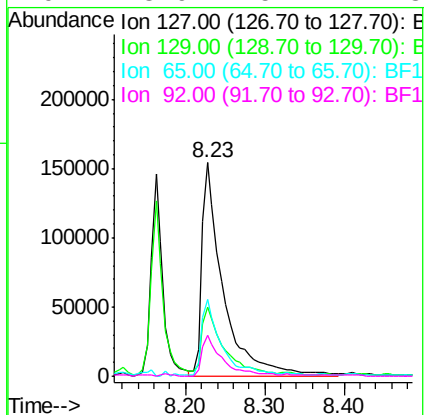
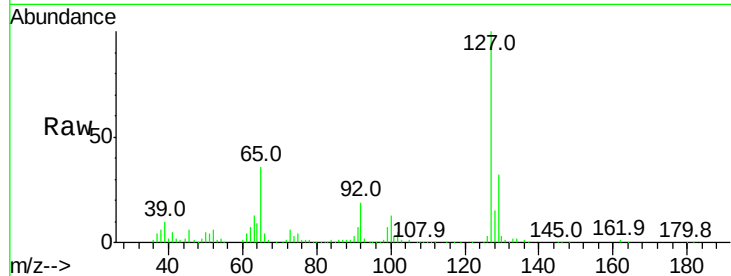




#33
 4-Chloroaniline
 Concen: 28.434 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

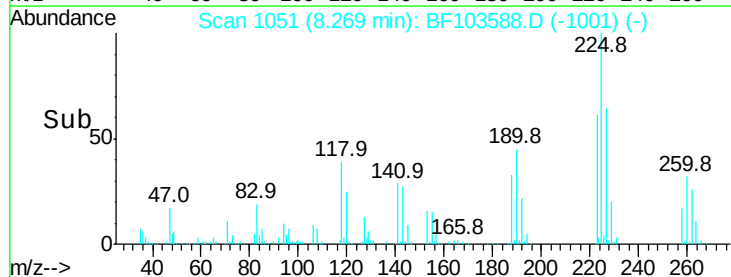
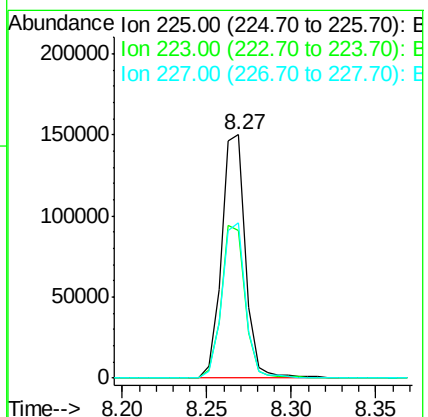
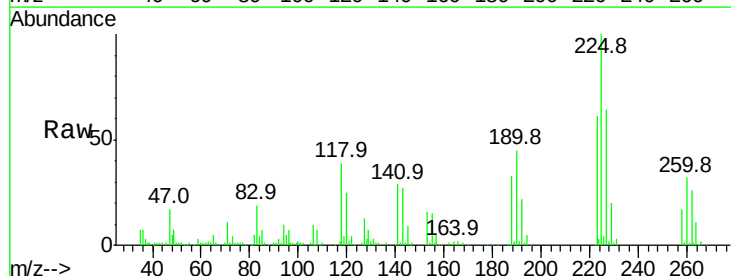
Instrument :
 BNA_F
 ClientSampleId :

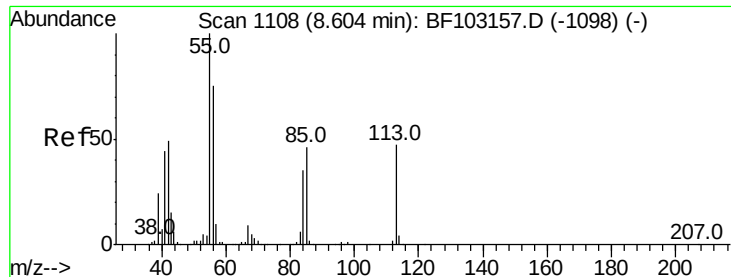
Tot Ion:	127	Resp:	289093
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	35.7	25.0	37.4
92	18.9	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 41.831 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:	225	Resp:	148269
Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	63.8	51.9	77.9





#35

Caprolactam

Concen: 23.083 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampled :

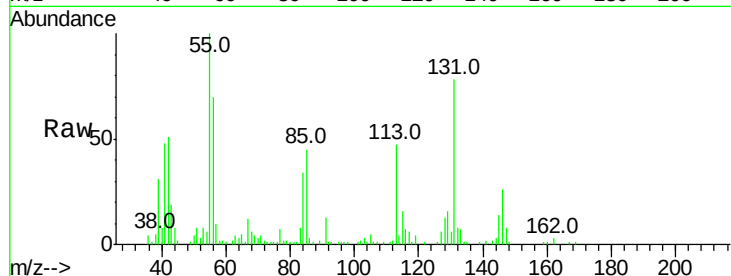
Tot Ion:113 Resp: 51854

Ion Ratio Lower Upper

113 100

55 213.5 163.3 203.3#

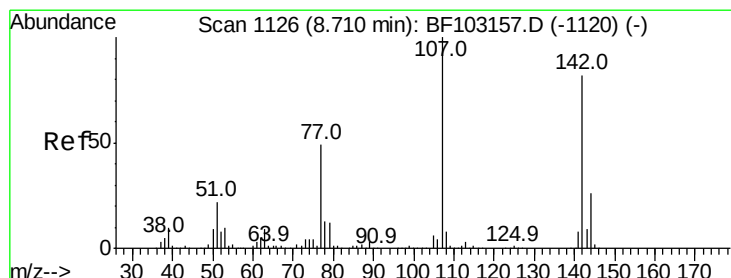
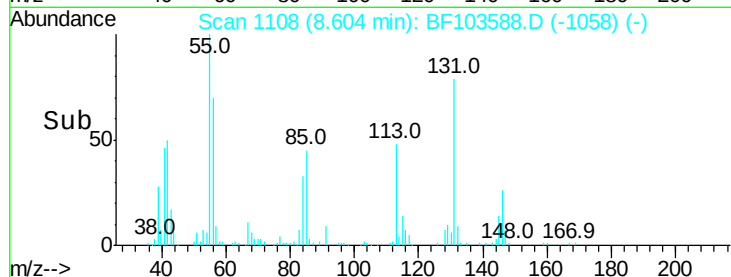
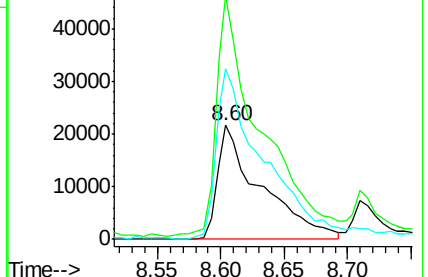
56 149.3 115.7 155.7



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: 47.828 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

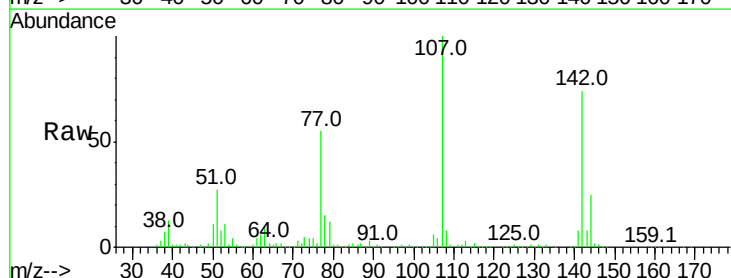
Tgt Ion:107 Resp: 344819

Ion Ratio Lower Upper

107 100

144 24.6 20.5 30.7

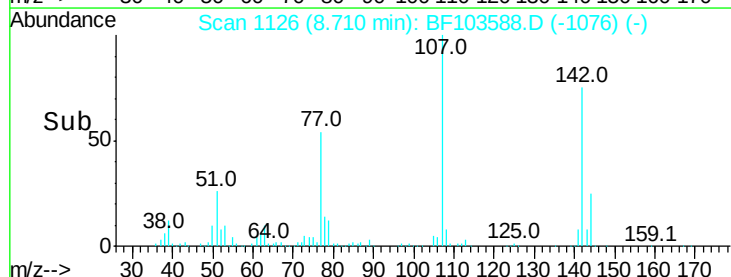
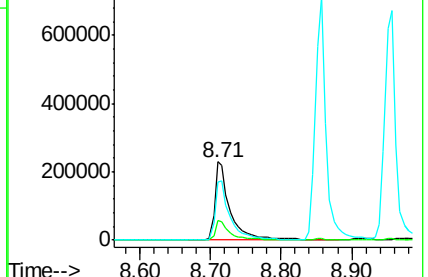
142 74.4 62.0 93.0

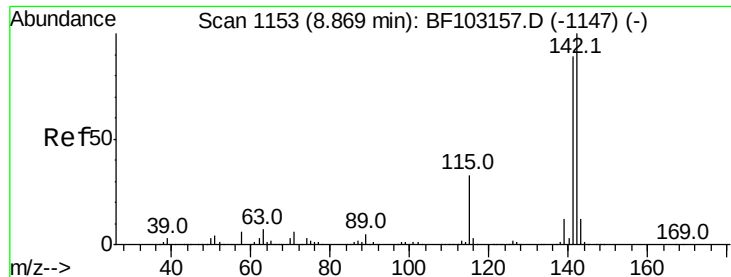


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

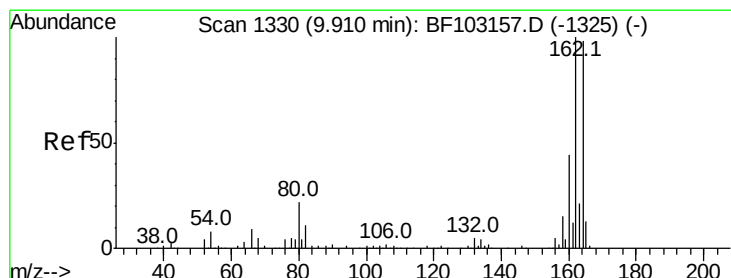
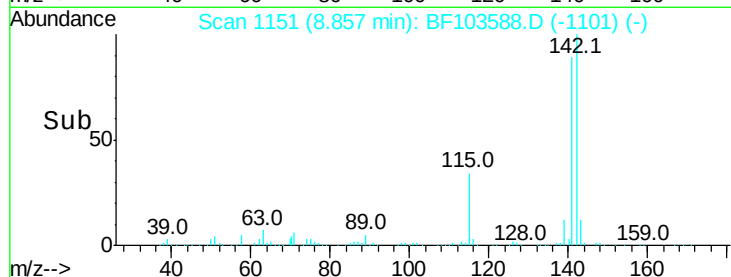
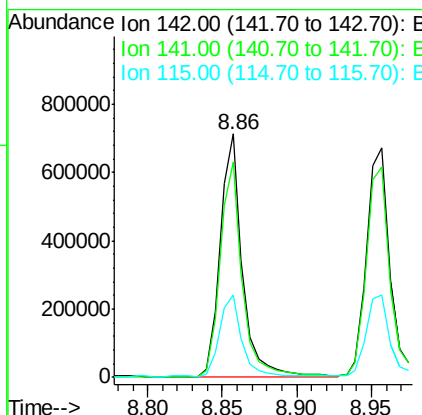
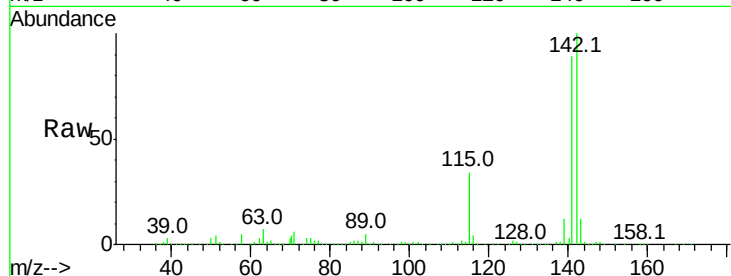




#37
 2-Methylnaphthalene
 Concen: 49.420 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

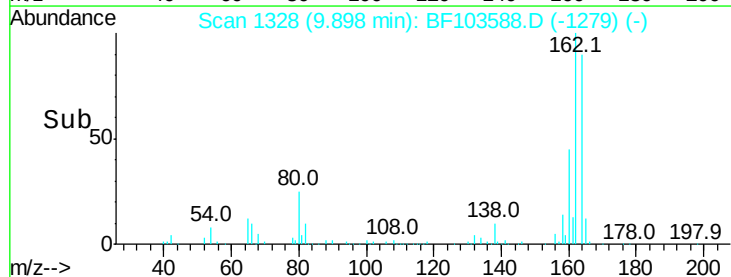
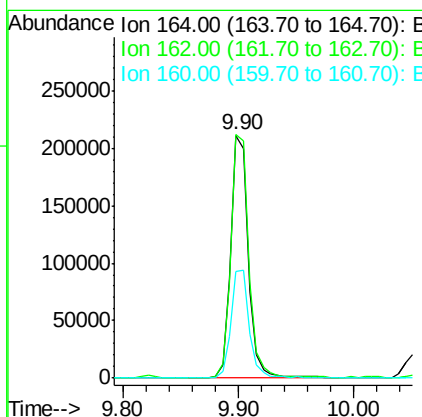
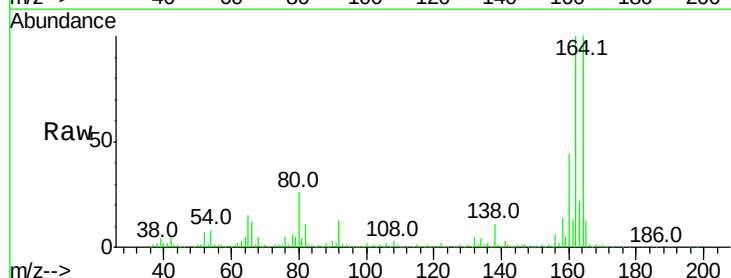
Instrument :
 BNA_F
 ClientSampleId :

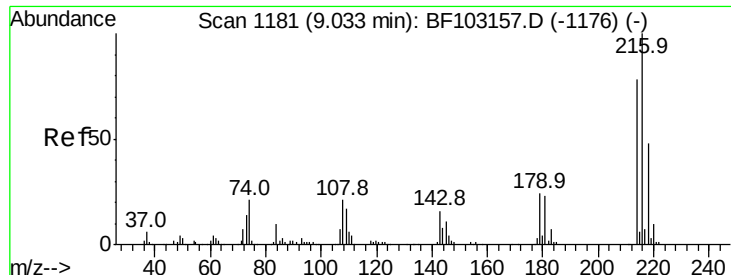
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	33.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	44.2	38.3	57.5

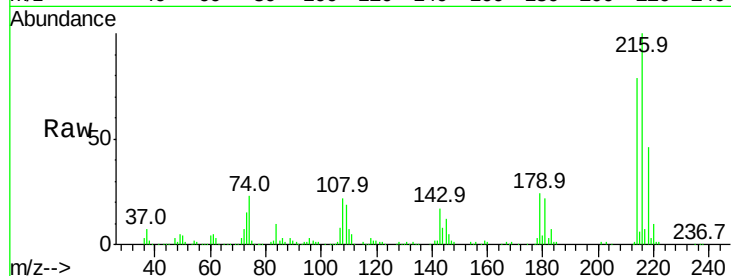




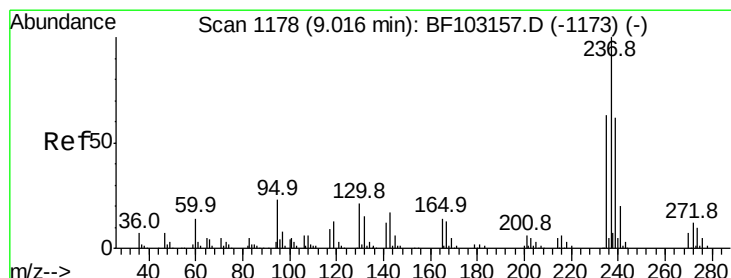
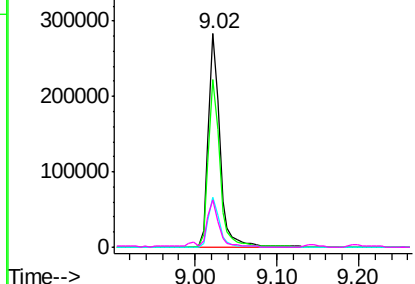
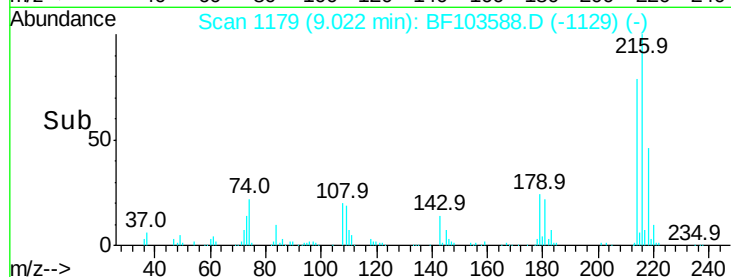
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.958 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	279326
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	23.3	18.1	27.1
108	24.3	17.2	25.8

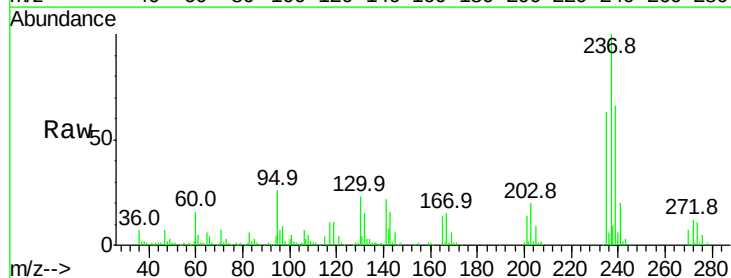


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

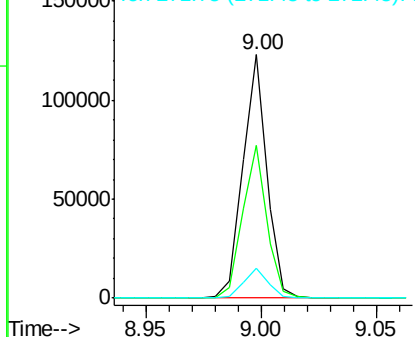
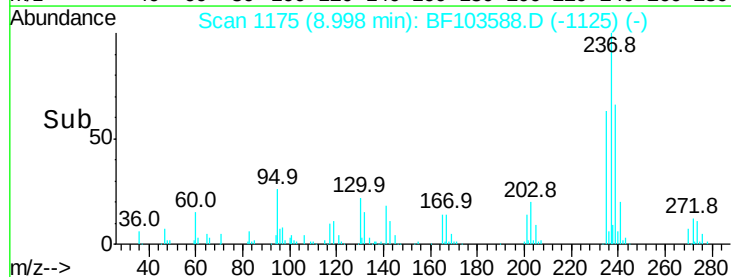


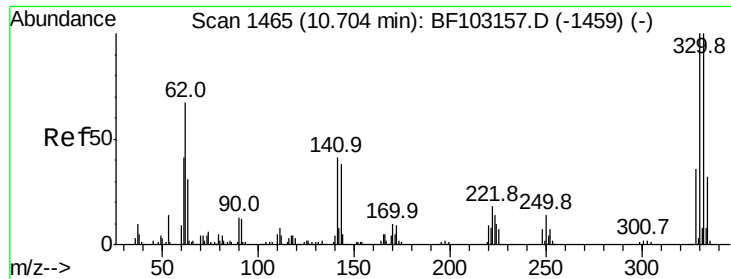
#40
 Hexachlorocyclopentadiene
 Concen: 45.943 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:	237	Resp:	89313
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	12.2	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: 129.518 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

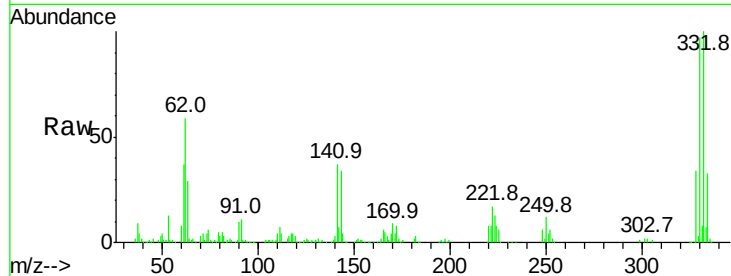
Tot Ion:330 Resp: 243734

Ion Ratio Lower Upper

330 100

332 105.1 77.0 115.6

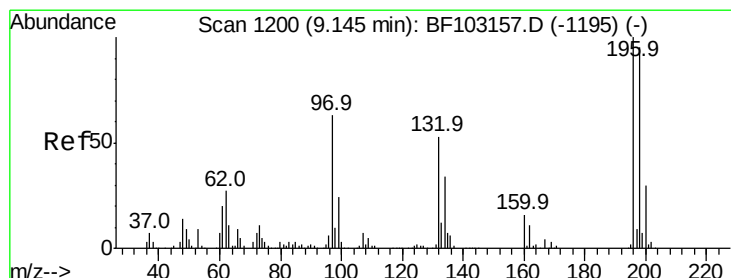
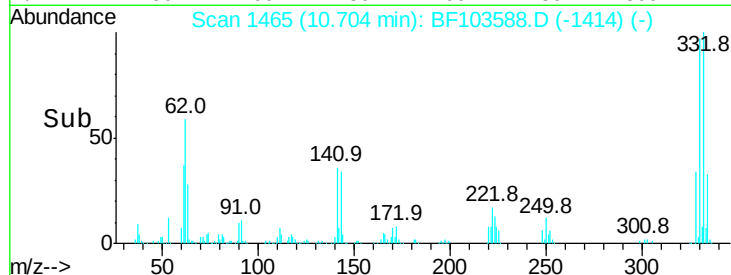
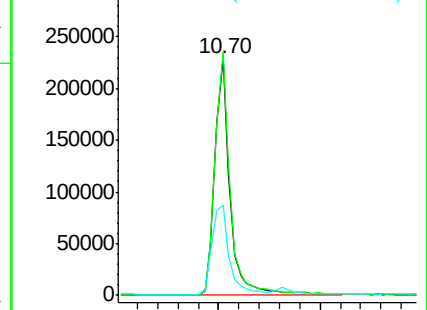
141 42.3 29.9 44.9



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: 44.627 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

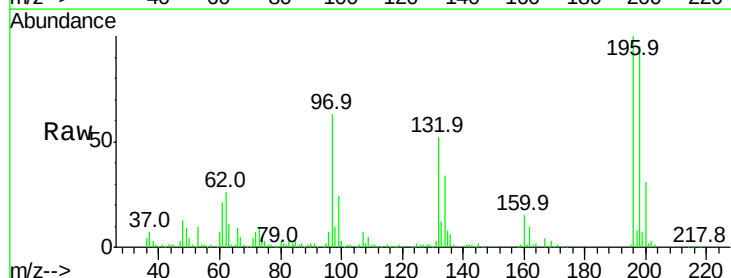
Tgt Ion:196 Resp: 182508

Ion Ratio Lower Upper

196 100

198 95.4 75.7 113.5

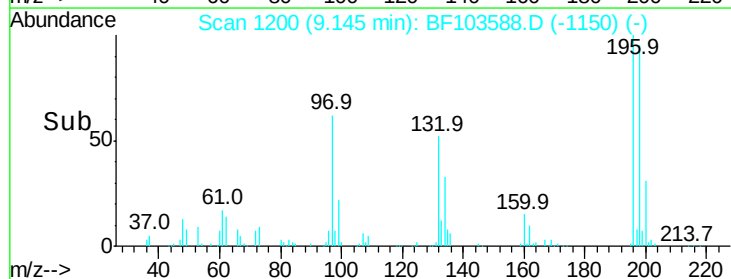
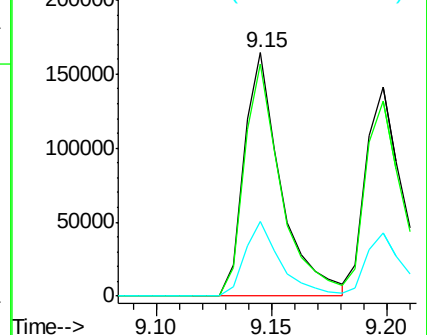
200 30.7 24.5 36.7

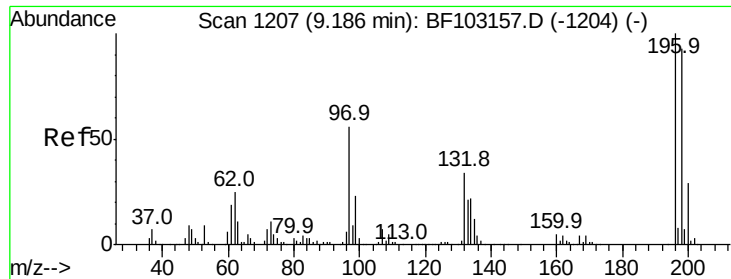


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

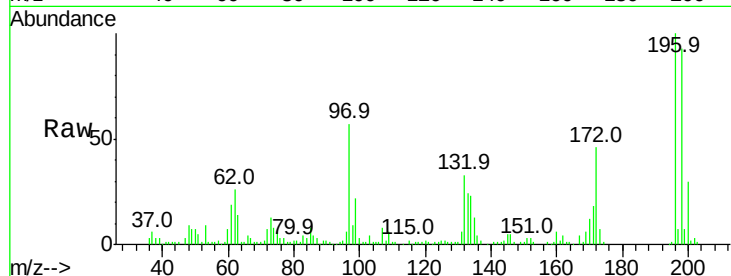




#43
 2,4,5-Trichlorophenol
 Concen: 41.058 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	193127
Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.6	112.0
97	57.0	42.9	64.3
132	32.9	26.3	39.5



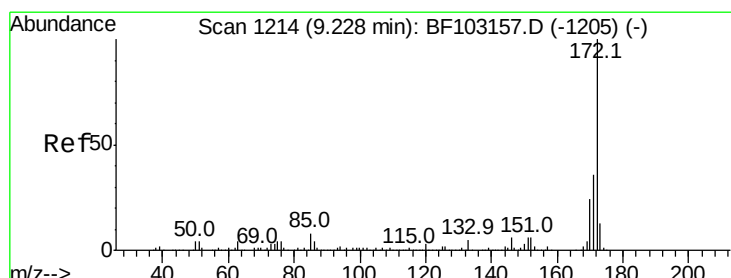
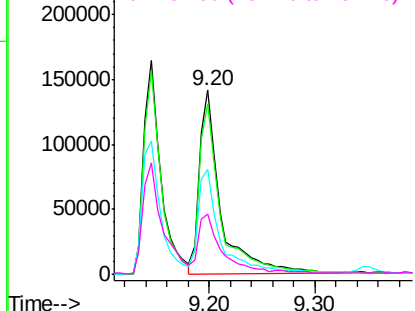
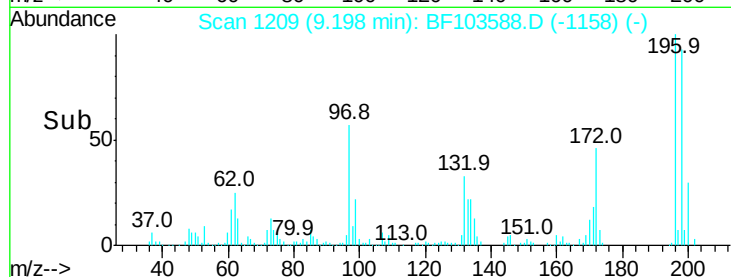
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

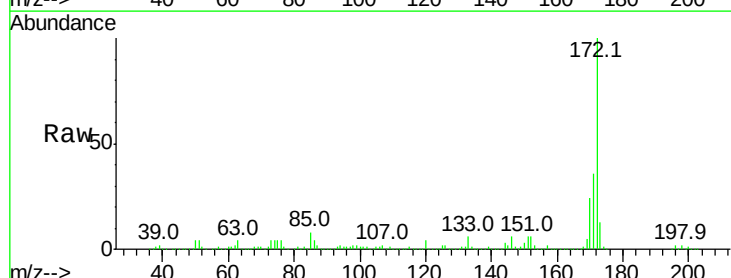
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.484 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:	172	Resp:	1242403
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.9	19.6	29.4

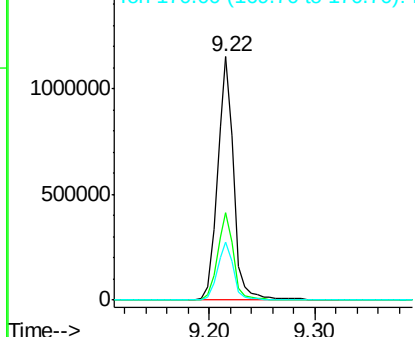
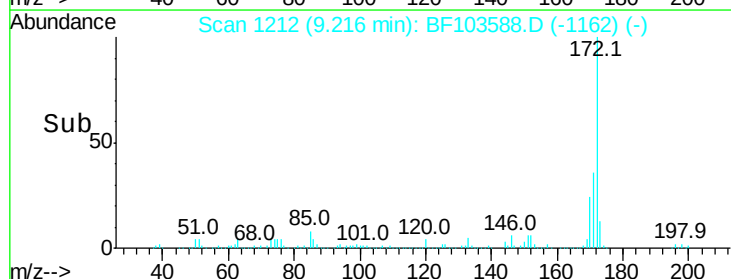


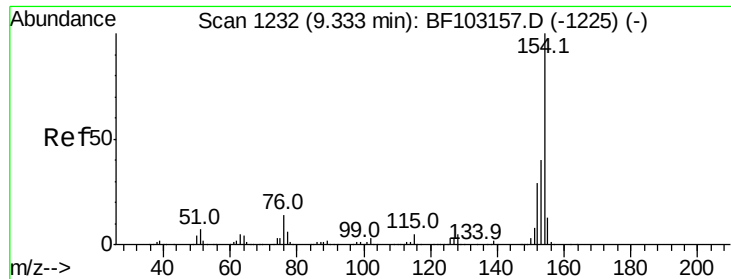
Abundance

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

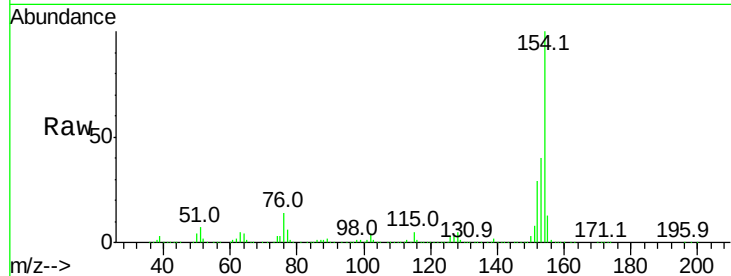




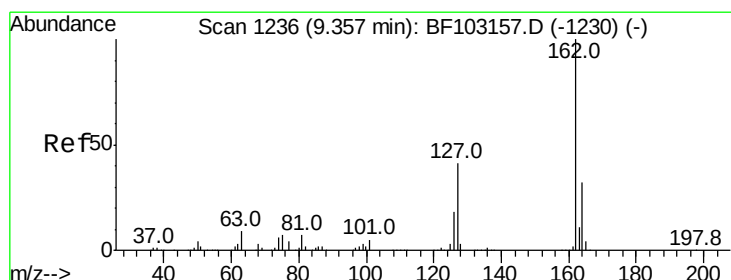
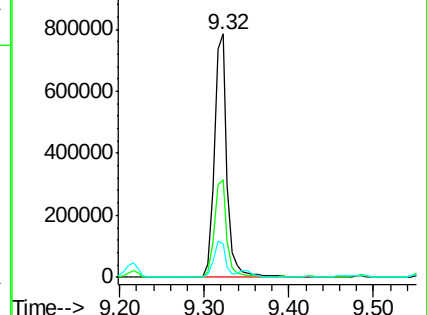
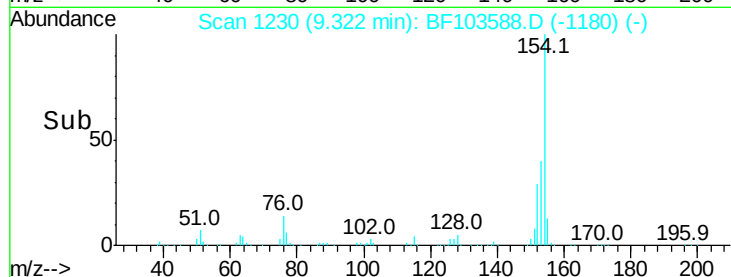
#45
 1,1'-Biphenyl
 Concen: 44.788 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 834385
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.3 61.3
 76 13.7 0.0 34.0

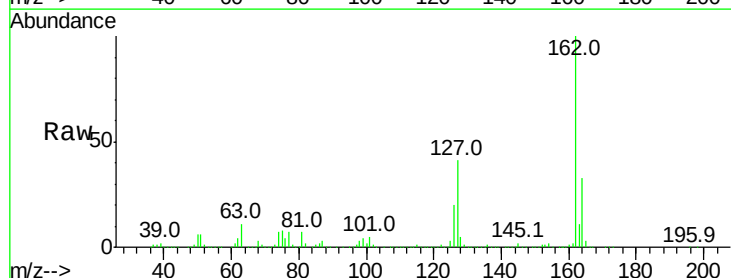


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

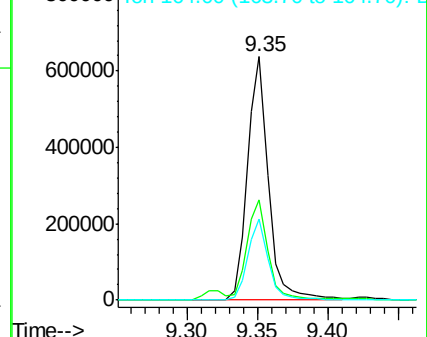
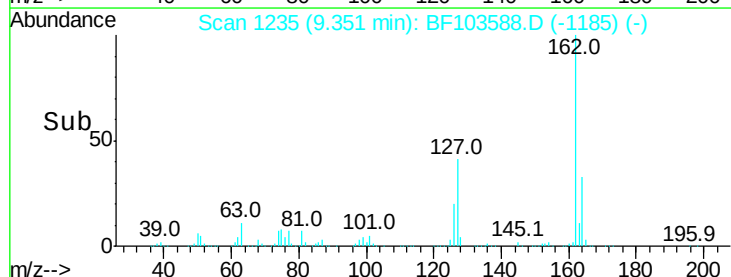


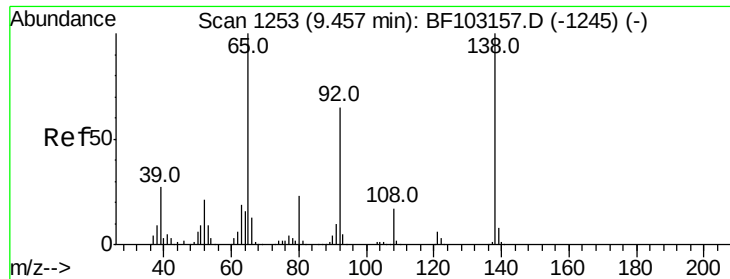
#46
 2-Chloronaphthalene
 Concen: 44.958 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:162 Resp: 662613
 Ion Ratio Lower Upper
 162 100
 127 41.4 33.9 50.9
 164 33.1 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: 50.125 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampled :

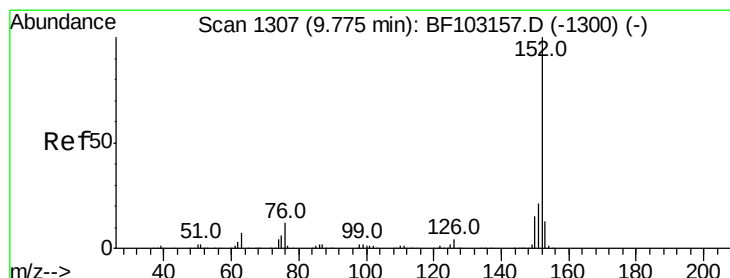
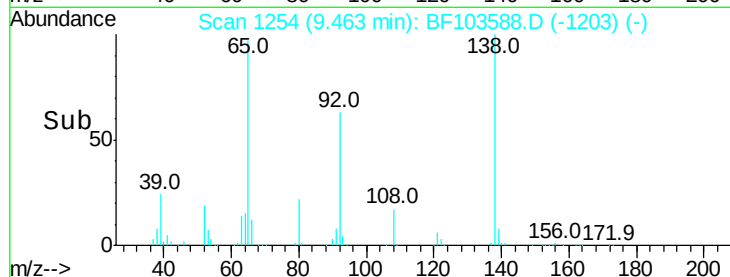
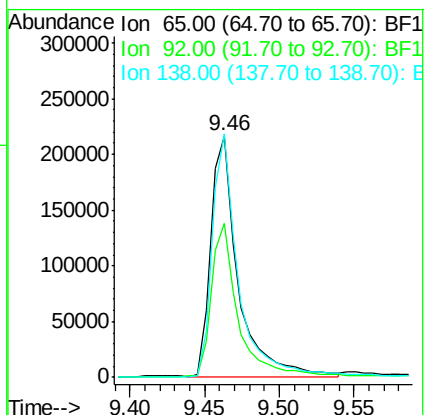
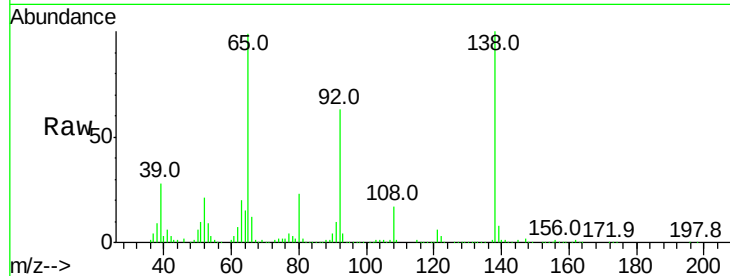
Tot Ion: 65 Resp: 273656

Ion Ratio Lower Upper

65 100

92 63.7 55.8 83.6

138 100.9 91.2 136.8



#48

Acenaphthylene

Concen: 42.943 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

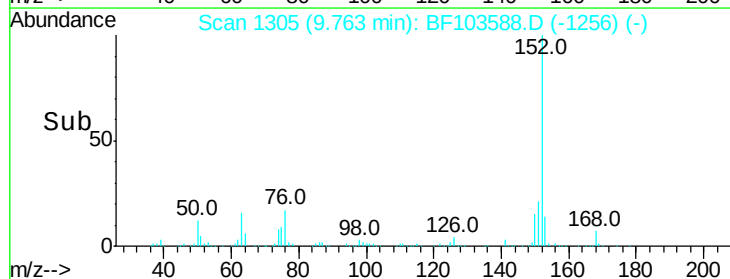
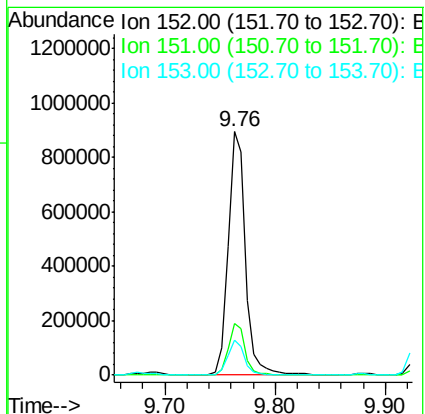
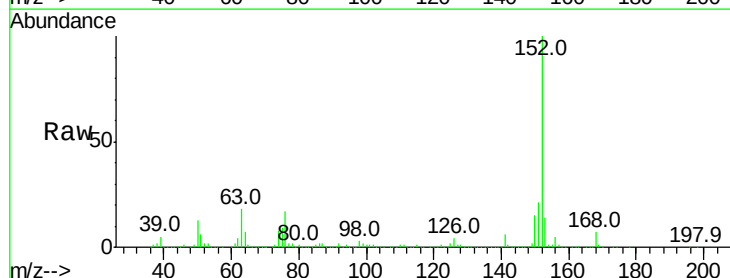
Tgt Ion: 152 Resp: 973799

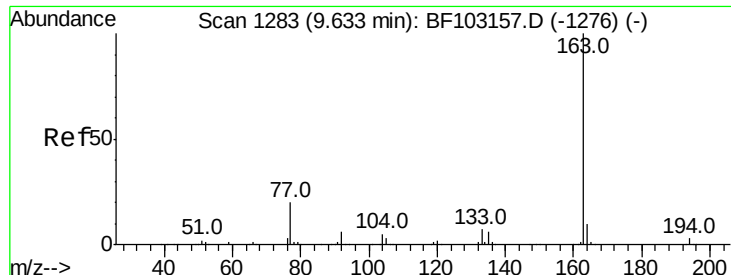
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 14.3 10.7 16.1

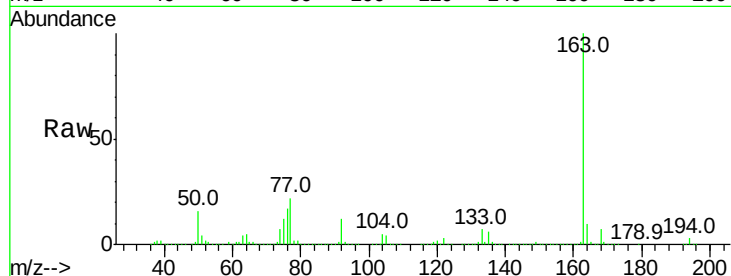




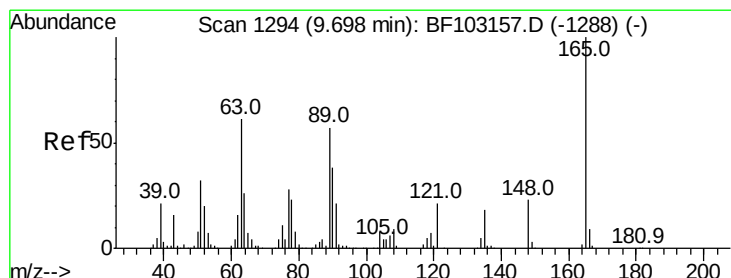
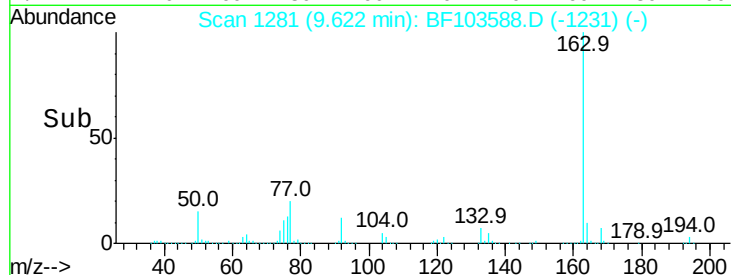
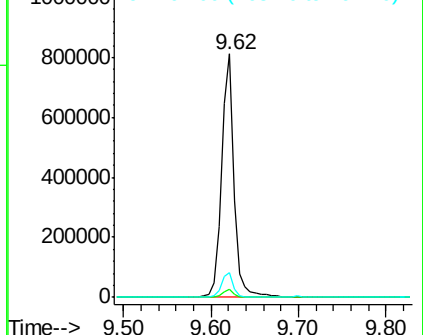
#49
Dimethylphthalate
Concen: 44.798 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 798982
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.1 8.2 12.2

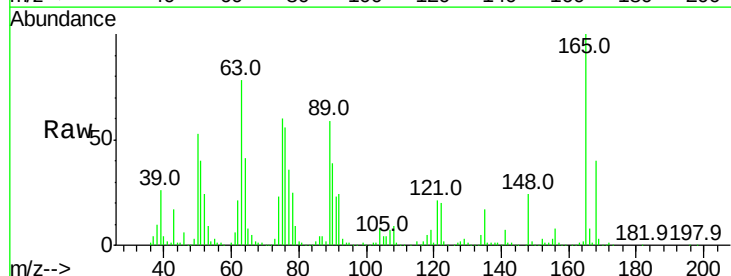


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

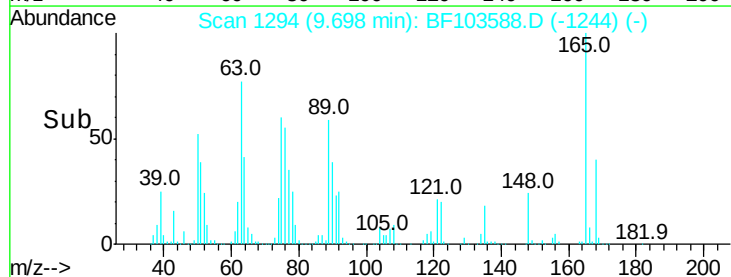
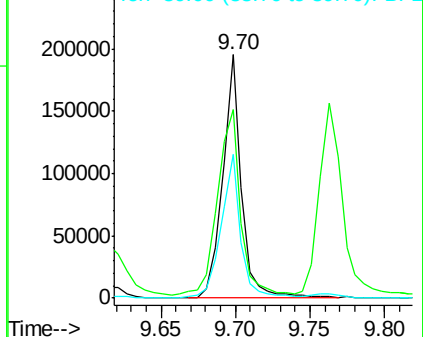


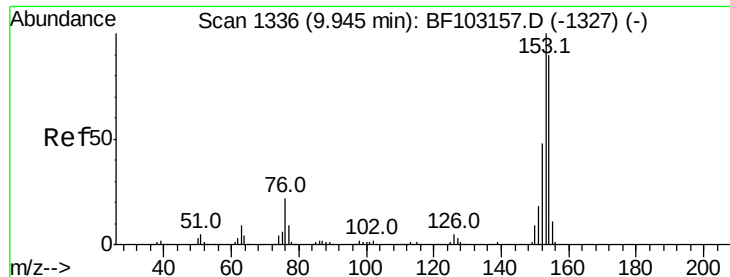
#50
2,6-Dinitrotoluene
Concen: 46.424 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:165 Resp: 173756
Ion Ratio Lower Upper
165 100
63 77.6 44.7 67.1#
89 58.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 46.130 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

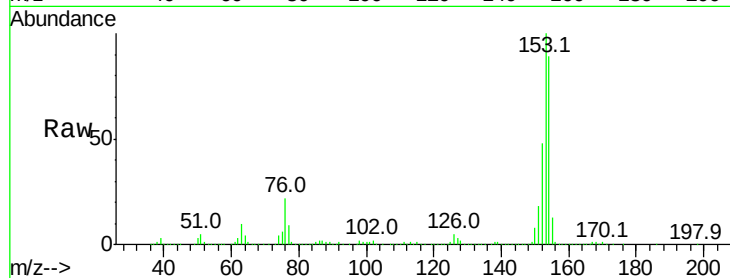
Tot Ion:154 Resp: 609985

Ion Ratio Lower Upper

154 100

153 112.3 91.2 136.8

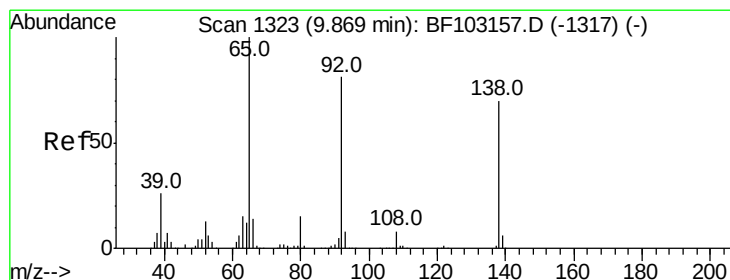
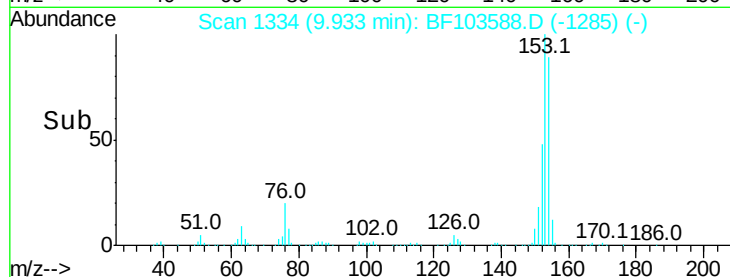
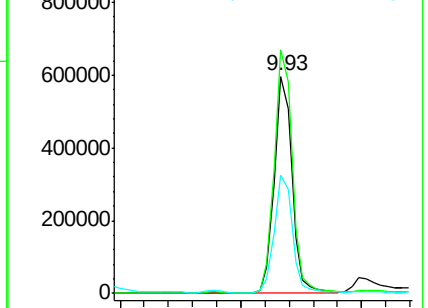
152 54.4 43.8 65.8



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: 29.392 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

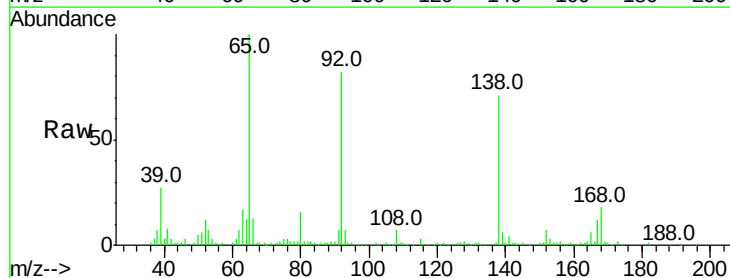
Tgt Ion:138 Resp: 139570

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

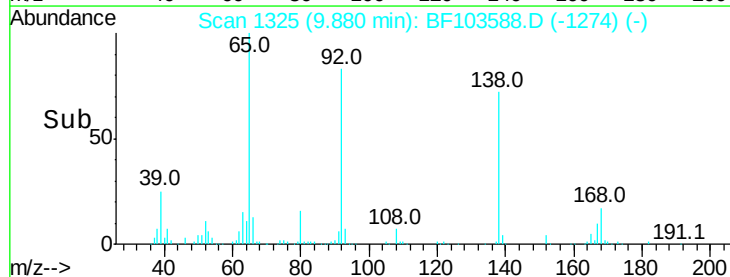
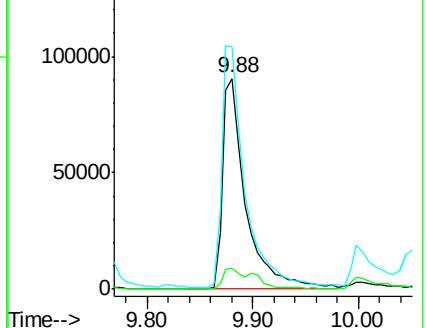
92 115.0 89.4 134.2

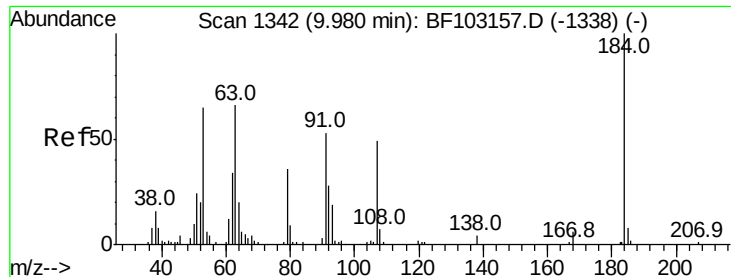


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

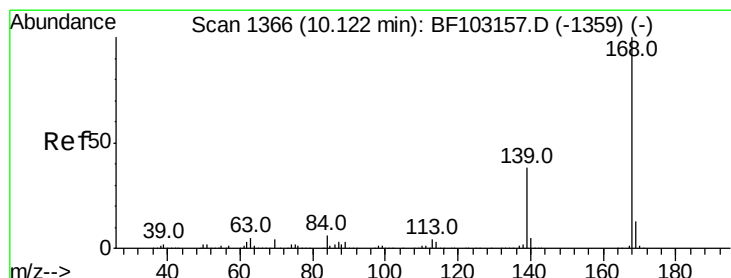
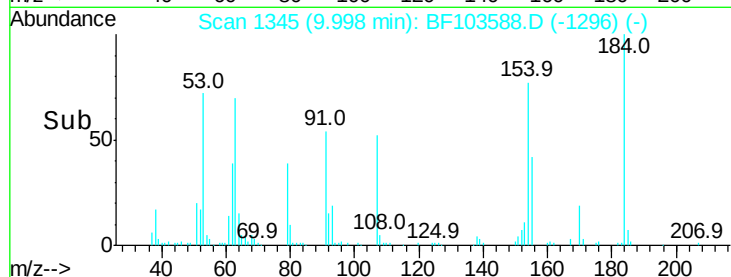
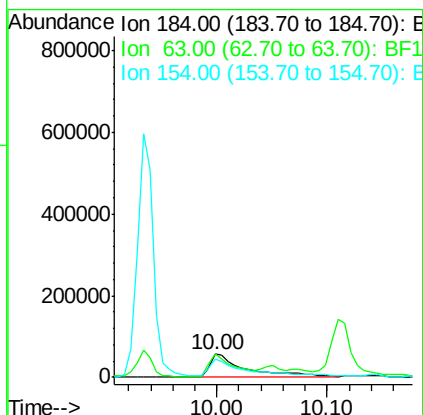
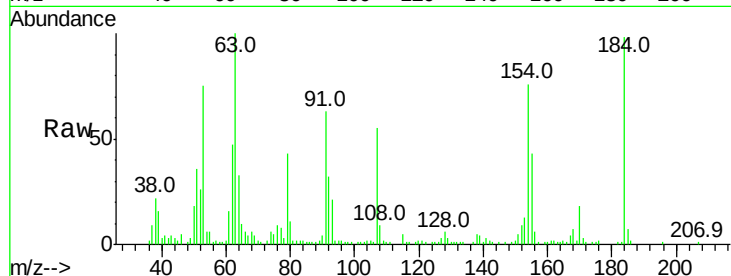




#53
2,4-Dinitrophenol
Concen: 94.901 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

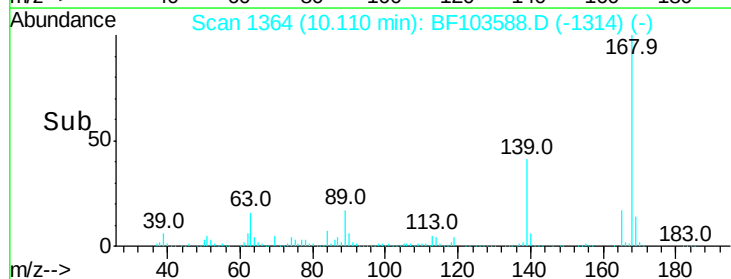
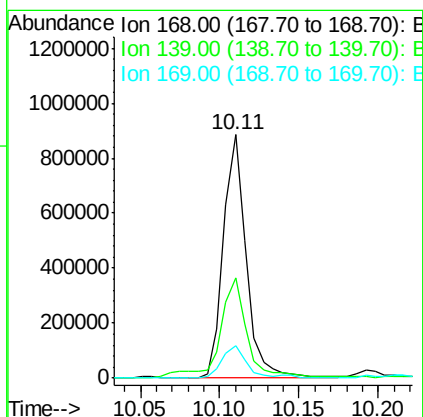
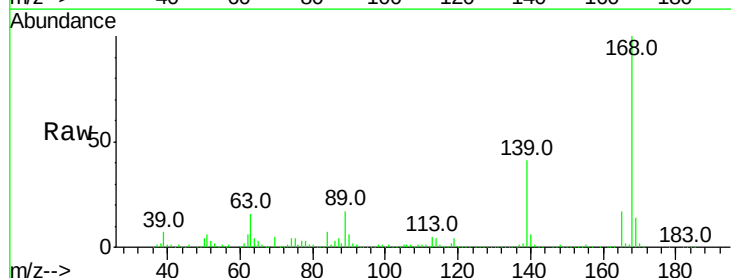
Instrument :
BNA_F
ClientSampleId :

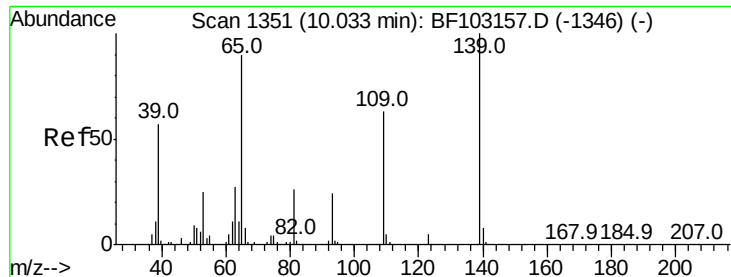
Tot Ion:184 Resp: 131054
Ion Ratio Lower Upper
184 100
63 101.5 54.2 81.2#
154 77.6 184.0 276.0#



#54
Dibenzofuran
Concen: 48.668 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:168 Resp: 883422
Ion Ratio Lower Upper
168 100
139 41.0 30.1 45.1
169 13.6 10.9 16.3

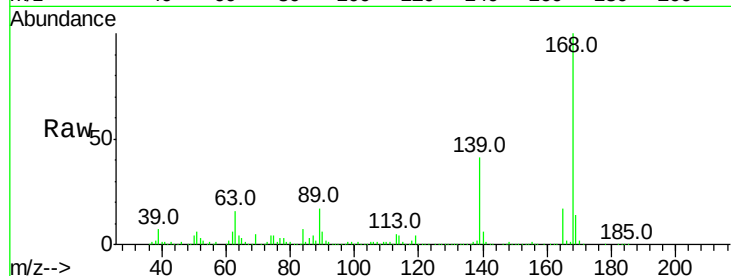




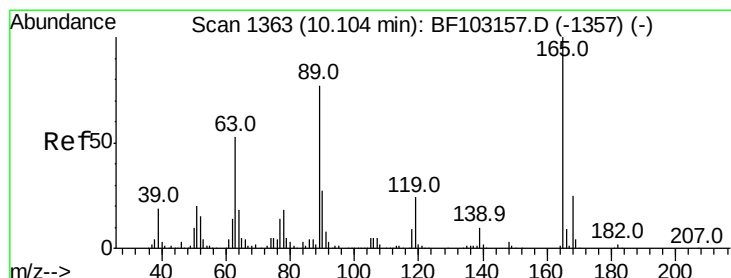
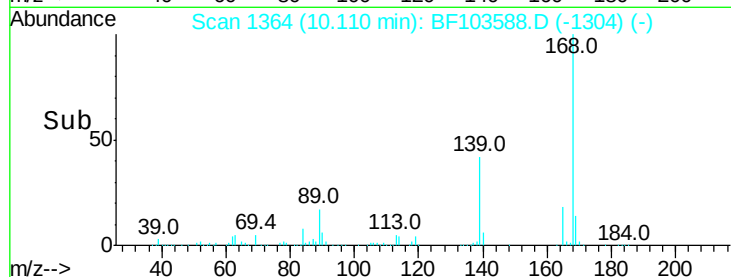
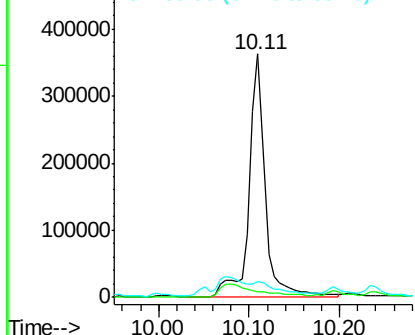
#55
4-Nitrophenol
Concen: 149.537 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.05 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 440089
Ion Ratio Lower Upper
139 100
109 2.4 48.4 88.4#
65 6.6 72.6 112.6#

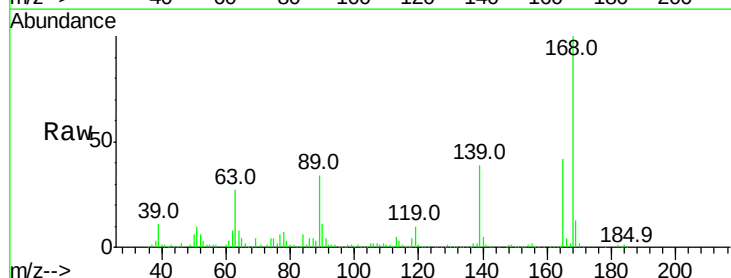


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

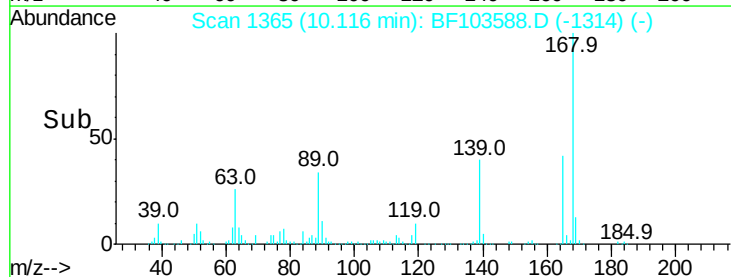
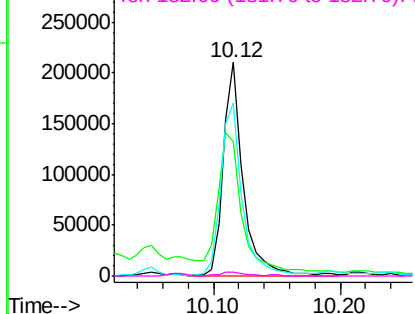


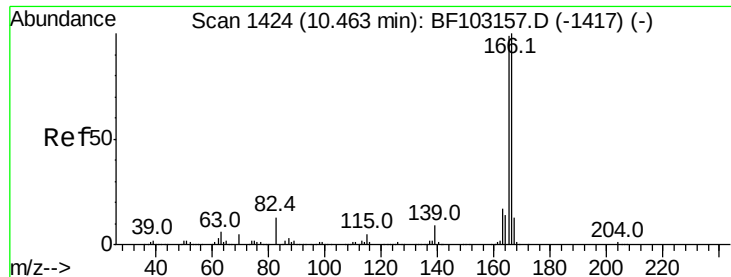
#56
2,4-Dinitrotoluene
Concen: 48.016 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:165 Resp: 227288
Ion Ratio Lower Upper
165 100
63 63.2 36.4 54.6#
89 81.1 57.8 86.6
182 2.0 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.527 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampled :

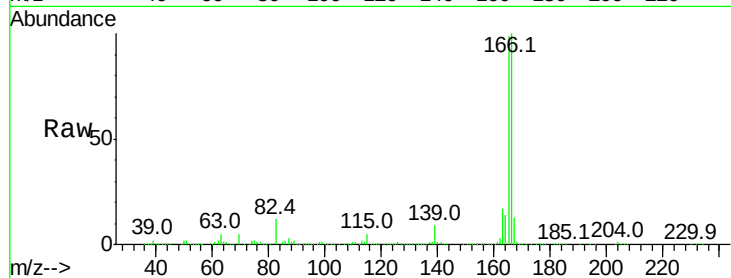
Tot Ion:166 Resp: 750376

Ion Ratio Lower Upper

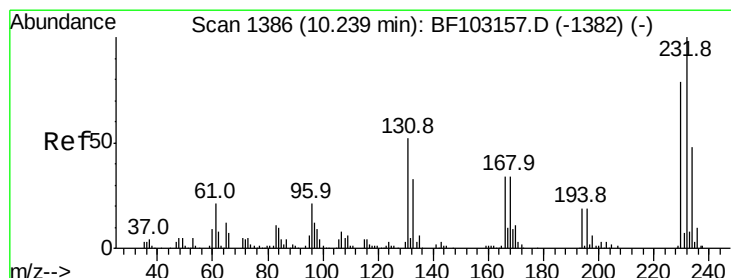
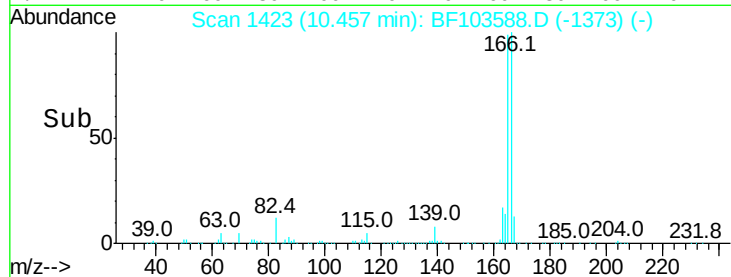
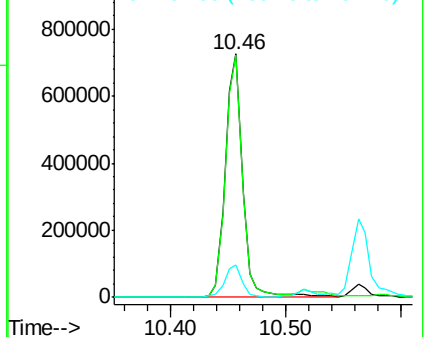
166 100

165 99.3 79.8 119.8

167 13.4 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: 44.032 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:232 Resp: 139132

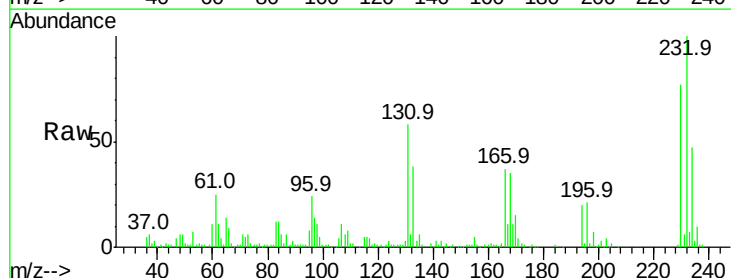
Ion Ratio Lower Upper

232 100

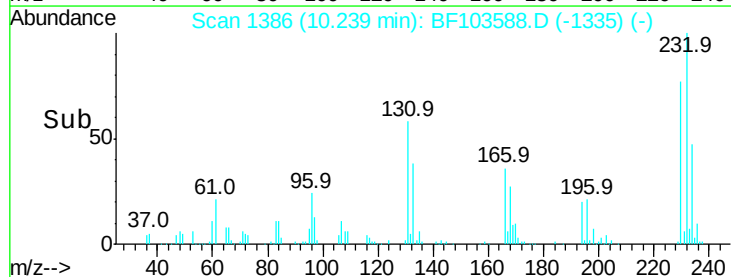
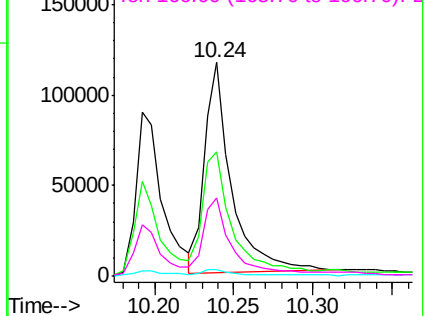
131 59.9 43.8 65.8

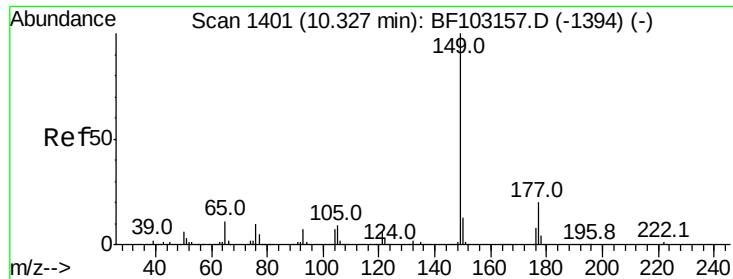
130 3.6 2.1 3.1#

166 34.4 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

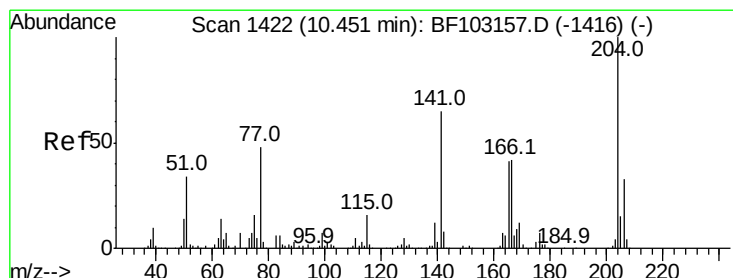
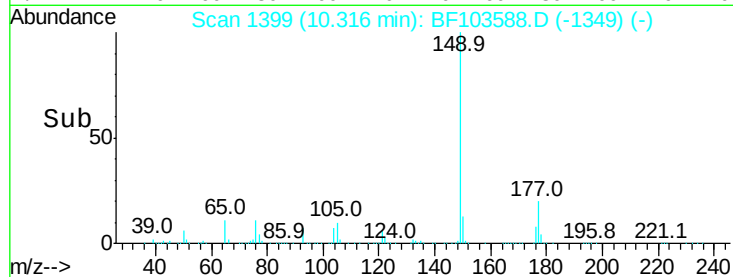
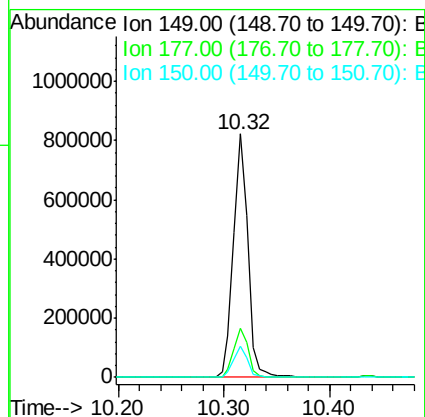
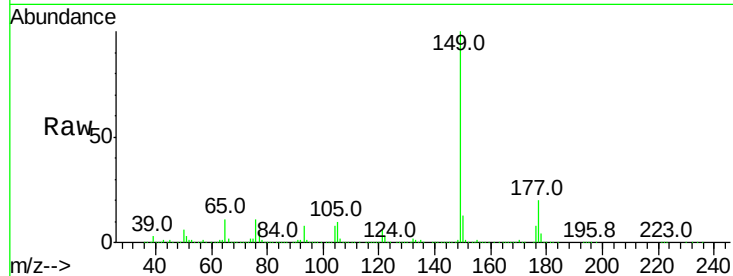




#59
Diethylphthalate
Concen: 45.793 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

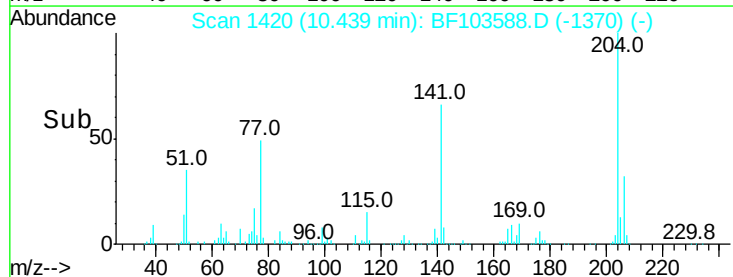
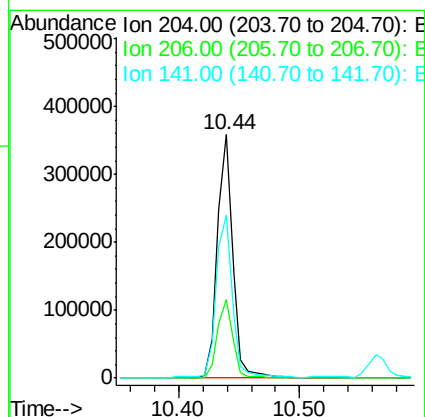
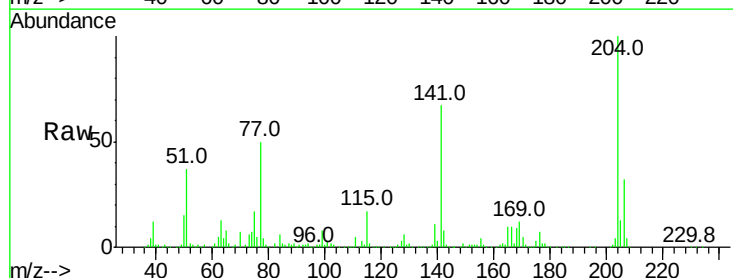
Instrument :
BNA_F
ClientSampled :

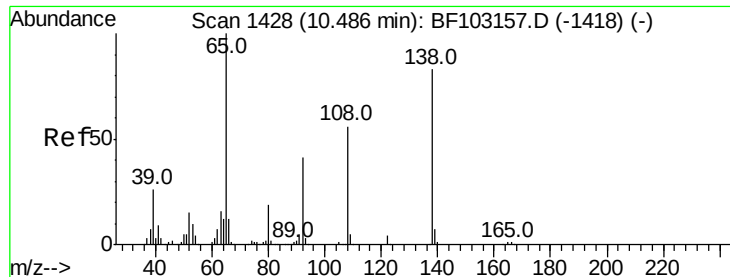
Tot Ion:149 Resp: 781126
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 47.719 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:204 Resp: 312911
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 67.2 54.6 81.8

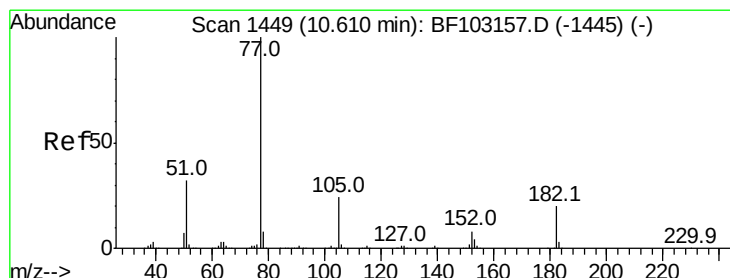
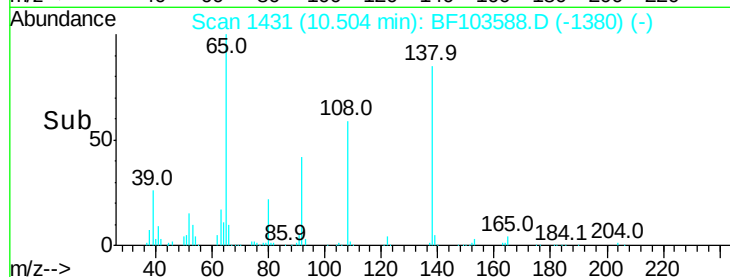
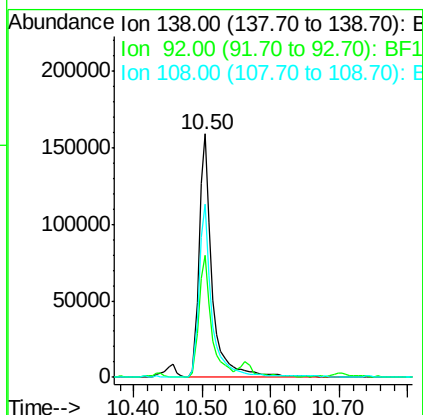
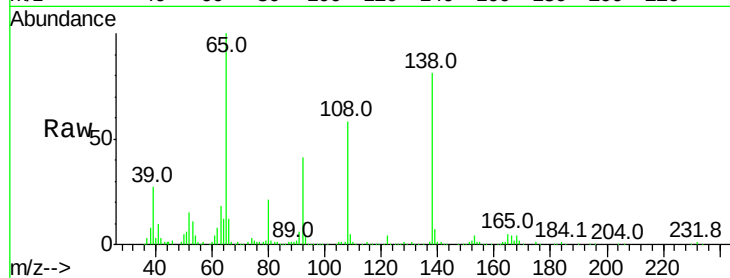




#61
4-Nitroaniline
Concen: 44.667 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

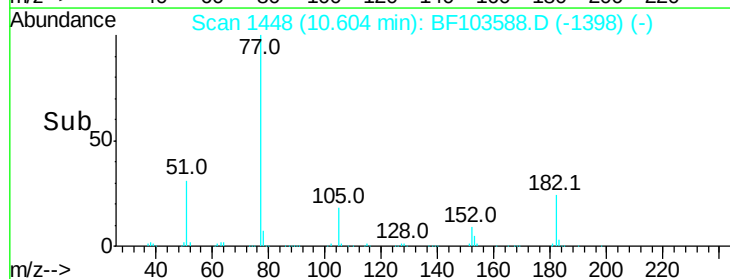
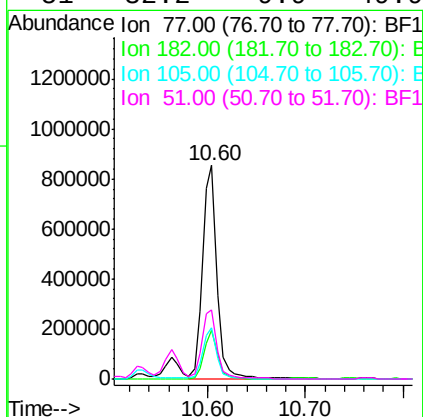
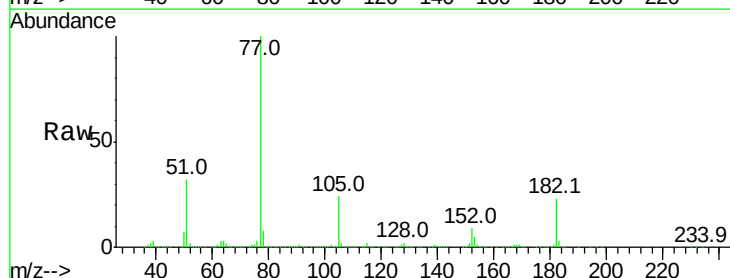
Instrument :
BNA_F
ClientSampled :

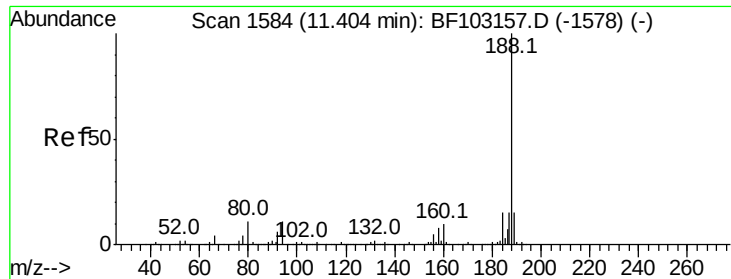
Tot Ion:138 Resp: 211855
Ion Ratio Lower Upper
138 100
92 49.9 30.2 70.2
108 70.9 52.5 92.5



#62
Azobenzene
Concen: 49.792 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion: 77 Resp: 864537
Ion Ratio Lower Upper
77 100
182 23.0 1.7 41.7
105 24.0 3.0 43.0
51 32.2 9.9 49.9

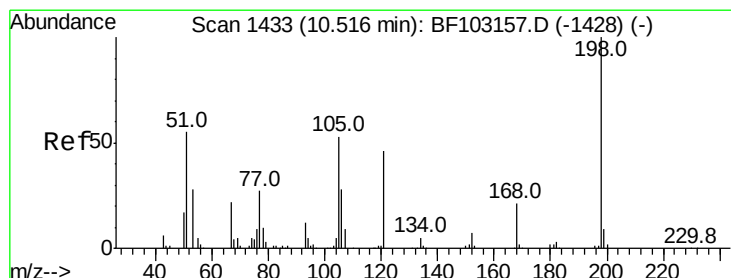
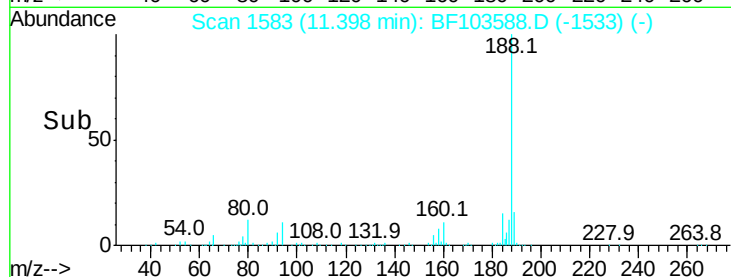
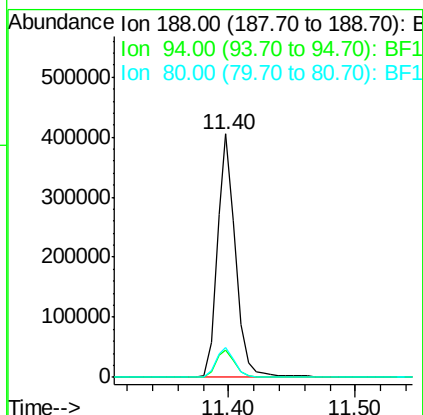
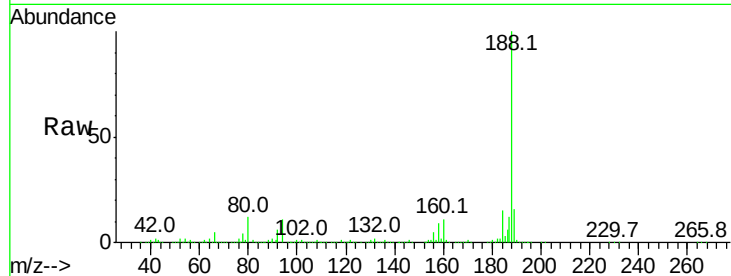




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

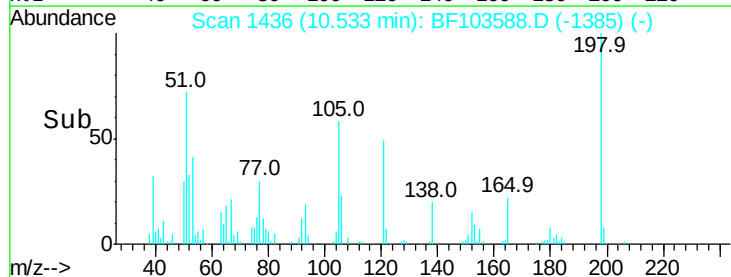
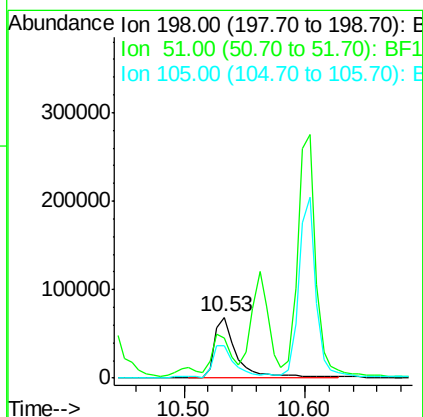
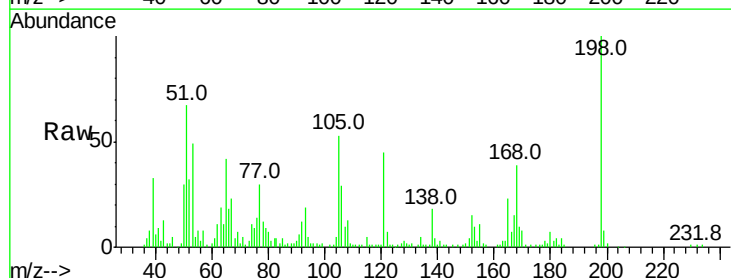
Instrument :
BNA_F
ClientSampleId :

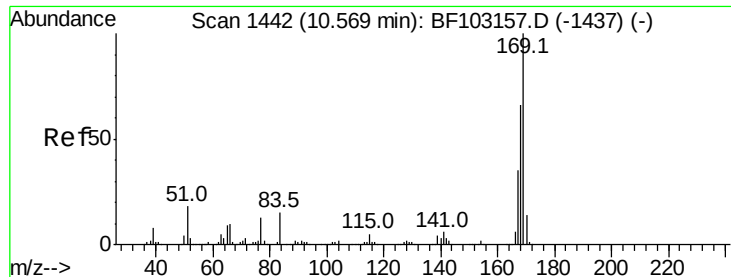
Tot Ion:188 Resp: 406469
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.221 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:198 Resp: 88992
Ion Ratio Lower Upper
198 100
51 66.7 37.7 77.7
105 53.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 44.529 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

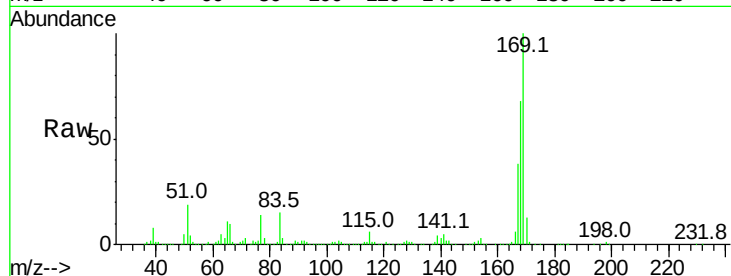
Tot Ion:169 Resp: 630200

Ion Ratio Lower Upper

169 100

168 67.9 54.4 81.6

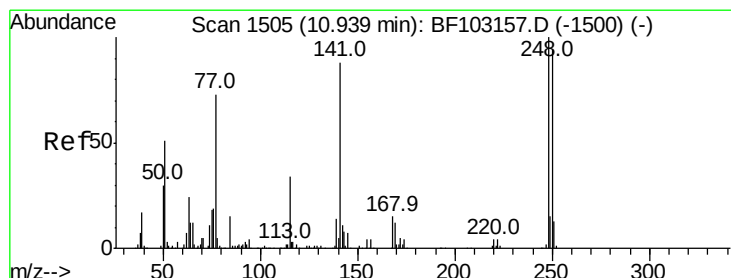
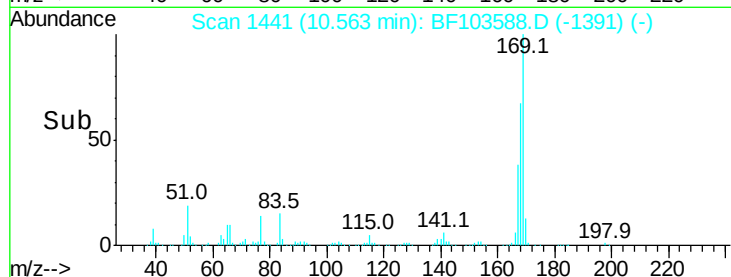
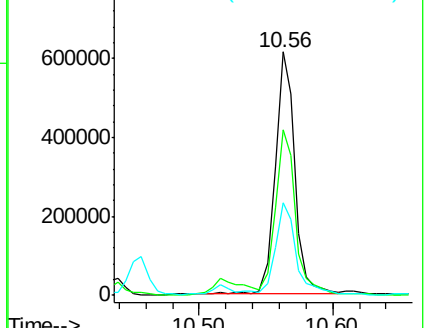
167 37.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.099 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

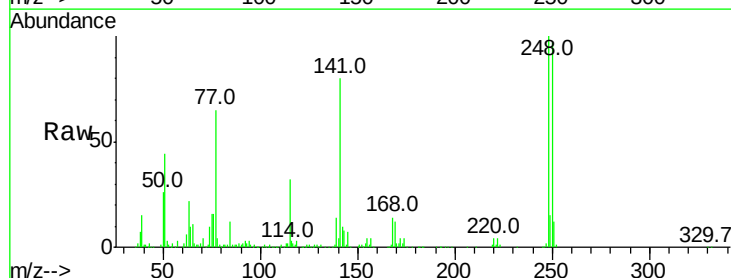
Tgt Ion:248 Resp: 186722

Ion Ratio Lower Upper

248 100

250 97.4 76.9 115.3

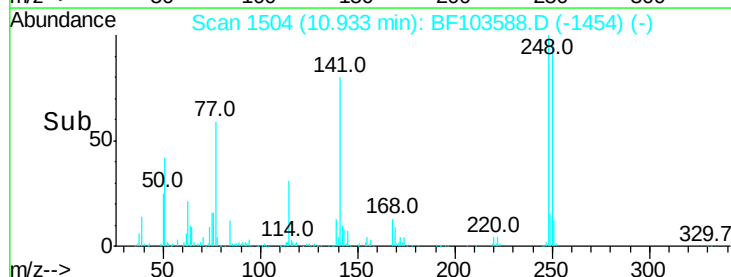
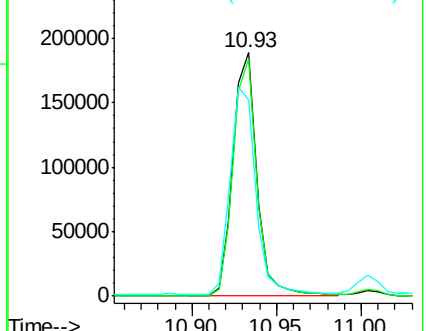
141 80.5 74.4 111.6

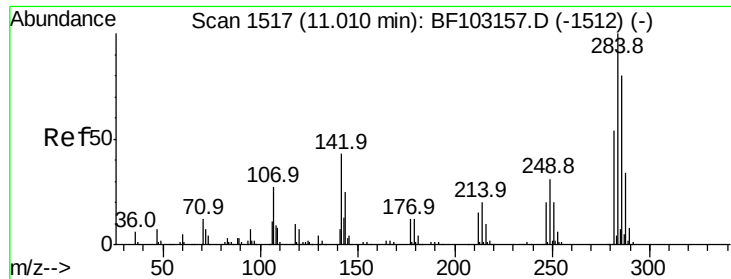


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

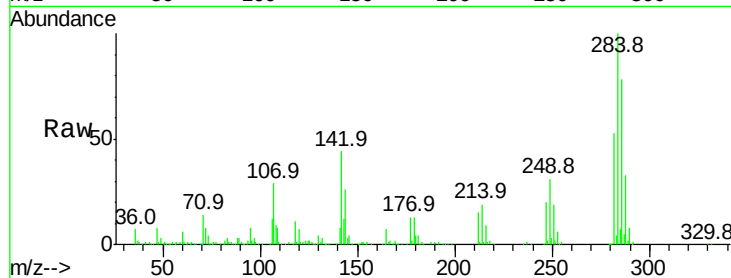




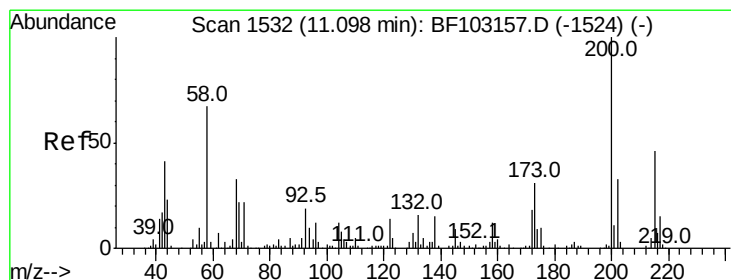
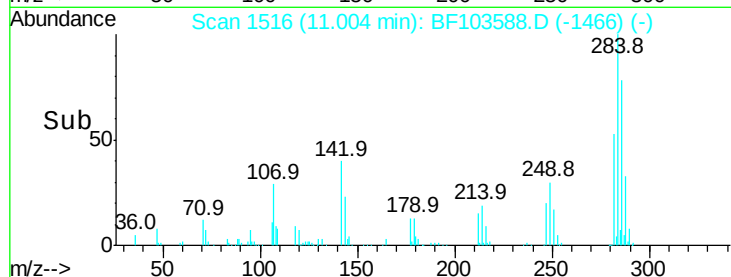
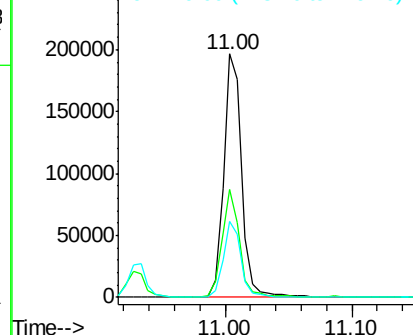
#67
Hexachlorobenzene
Concen: 42.367 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 194708
Ion Ratio Lower Upper
284 100
142 44.3 34.6 52.0
249 31.1 24.8 37.2

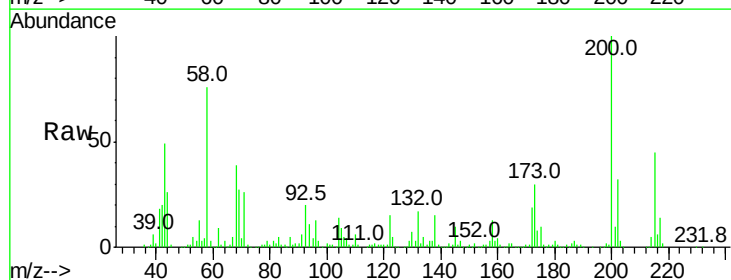


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

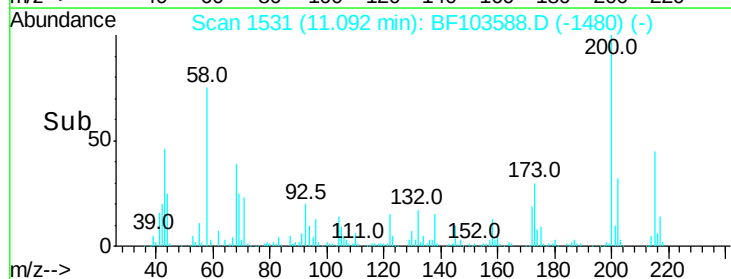
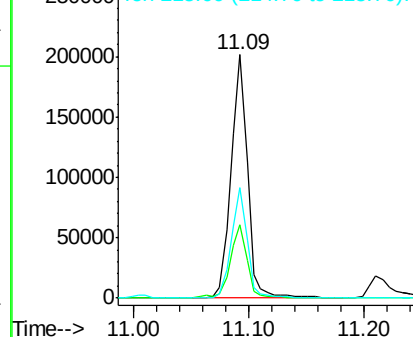


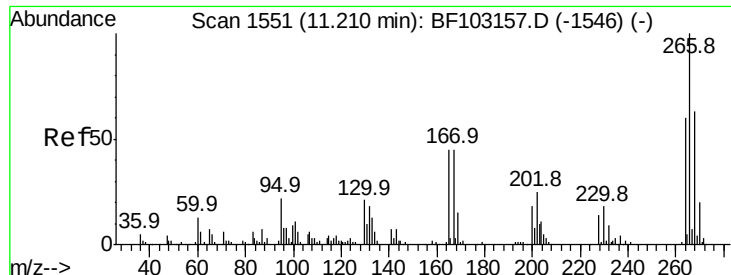
#68
Atrazine
Concen: 46.785 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:200 Resp: 199015
Ion Ratio Lower Upper
200 100
173 30.1 8.6 48.6
215 45.3 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

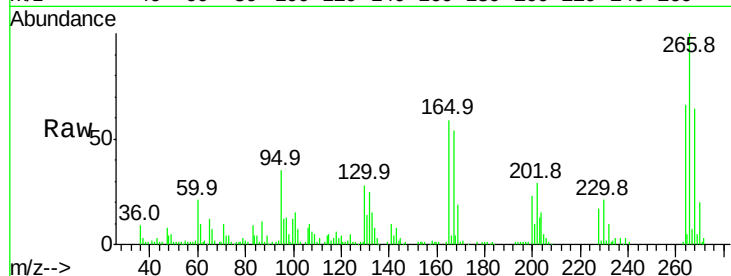




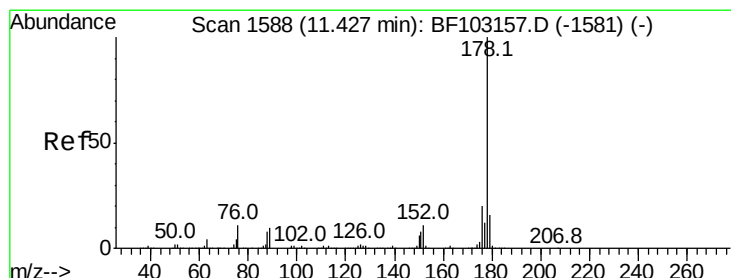
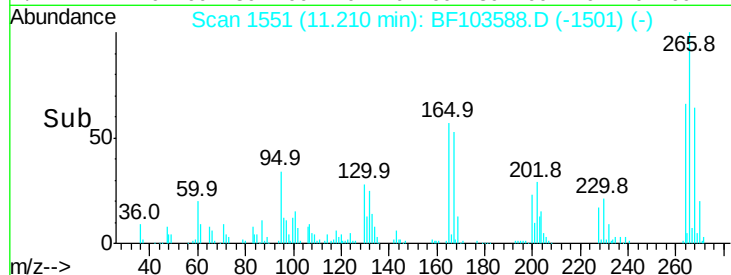
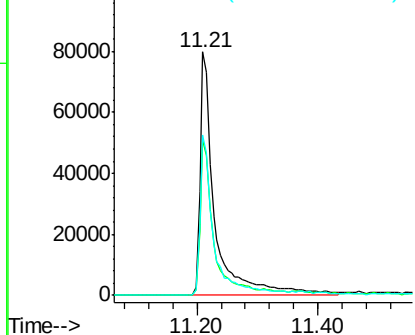
#69
 Pentachlorophenol
 Concen: 62.393 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 138647
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 65.9 49.5 74.3

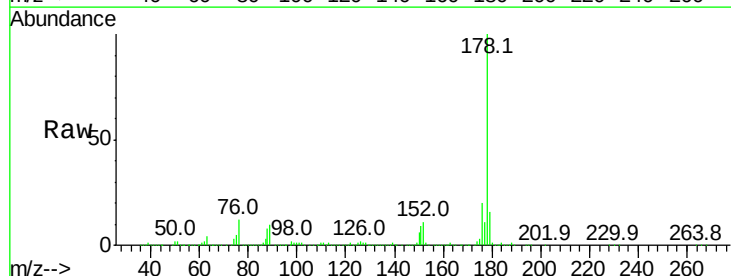


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

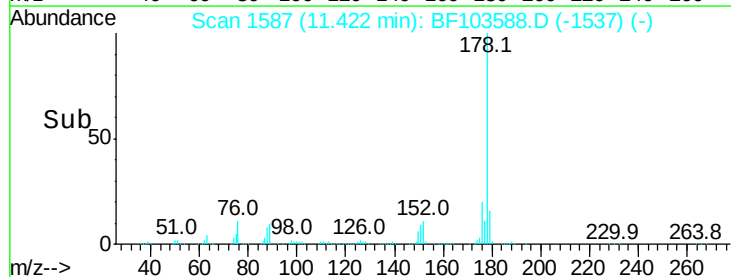
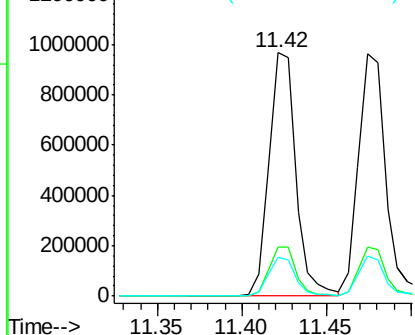


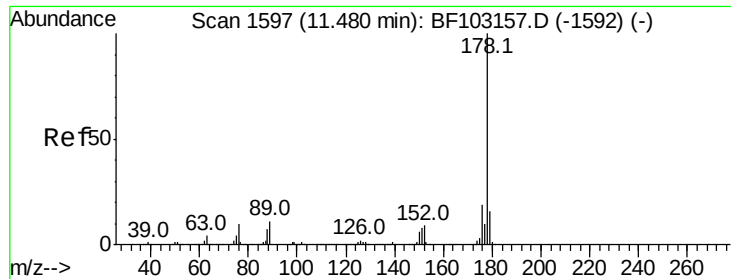
#70
 Phenanthrene
 Concen: 47.536 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:178 Resp: 1063342
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 16.1 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

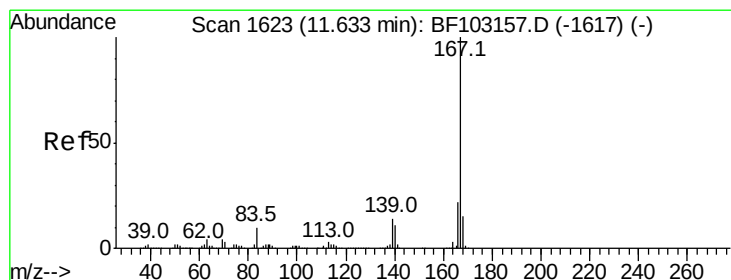
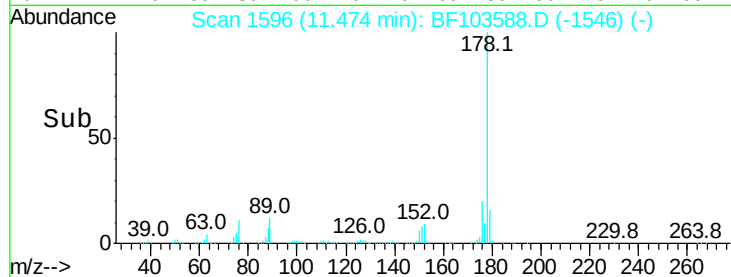
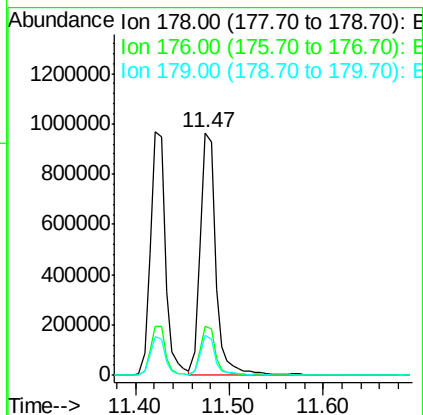
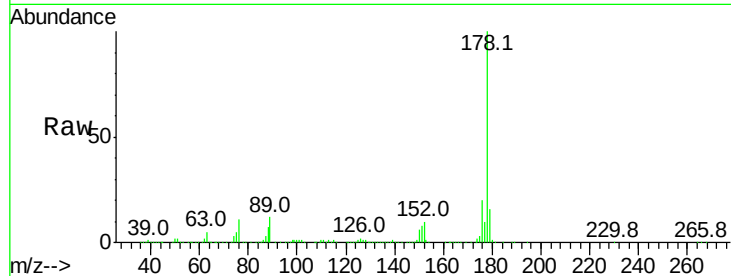




#71
 Anthracene
 Concen: 48.549 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

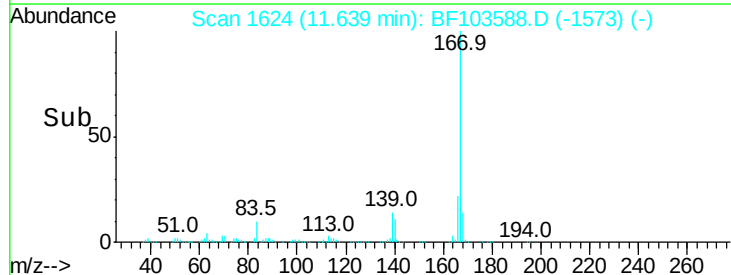
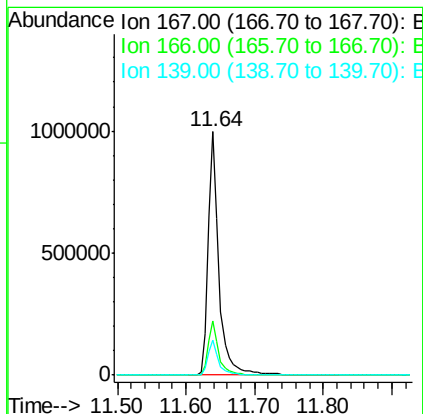
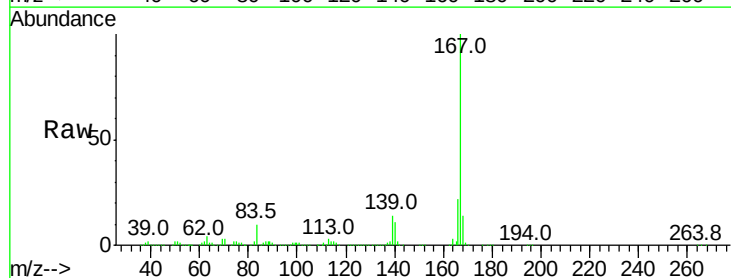
Instrument :
 BNA_F
 ClientSampleId :

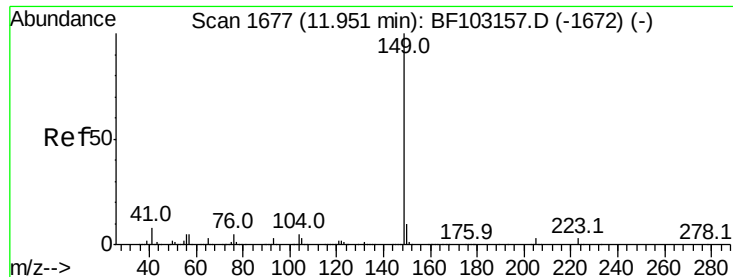
Tot Ion:178 Resp: 1113626
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 48.290 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:167 Resp: 1103066
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.330 ng

RT: 11.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

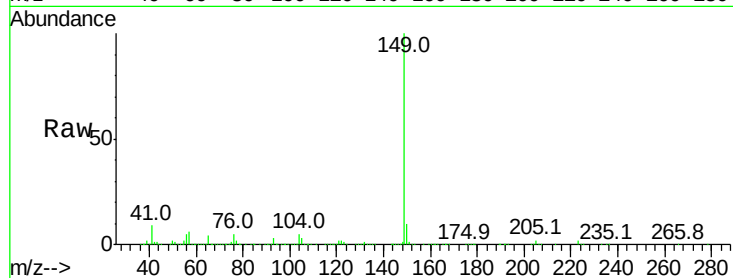
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1352837

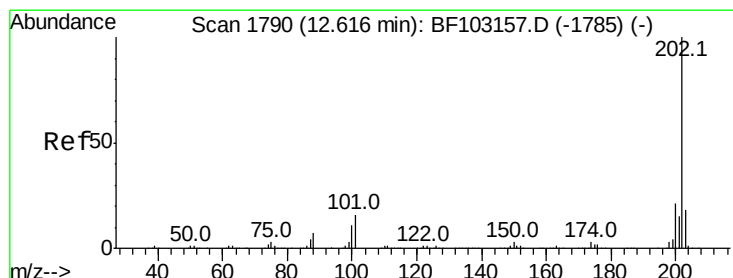
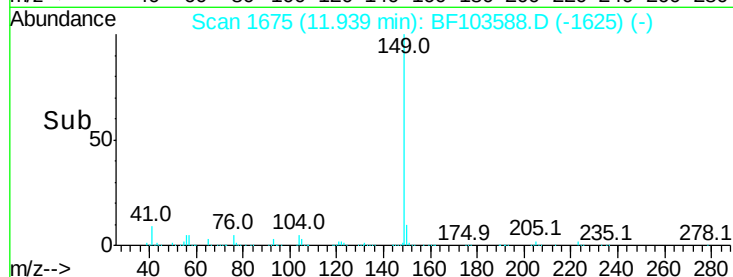
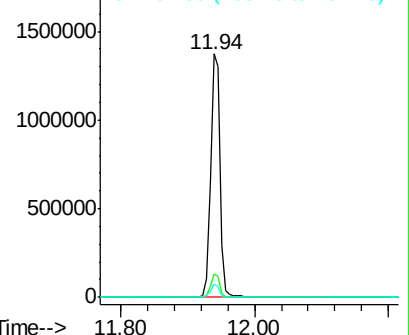
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.2	3.8	5.8



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: 47.266 ng

RT: 12.62 min Scan# 1791

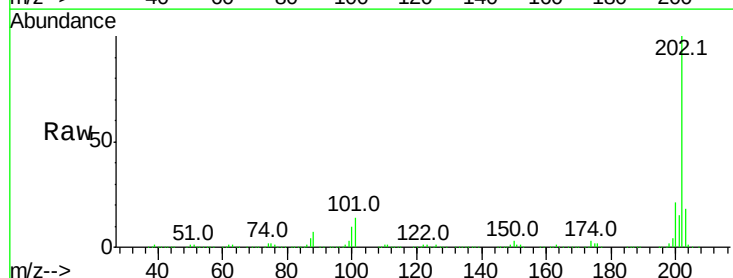
Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Tgt Ion:202 Resp: 1062466

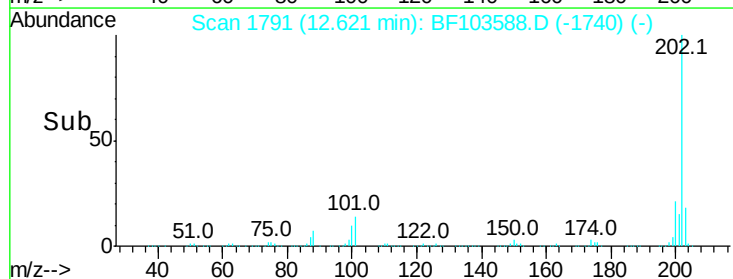
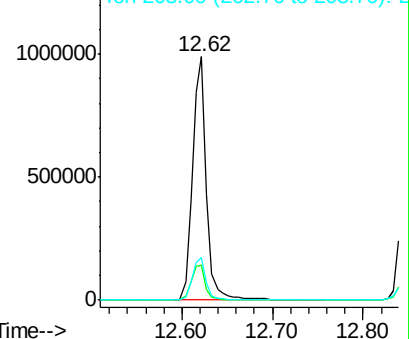
Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.1
203	17.7	0.0	38.1

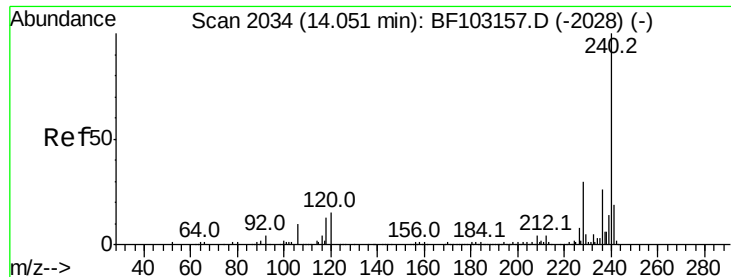


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.01 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

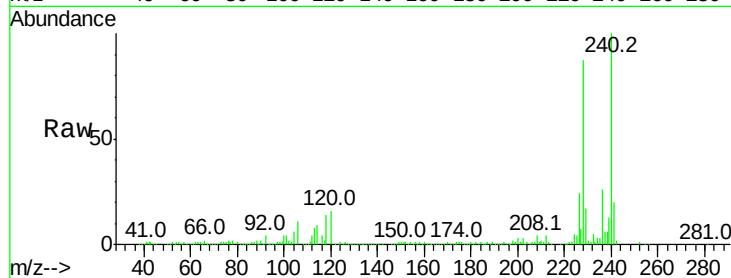
Tot Ion:240 Resp: 280686

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

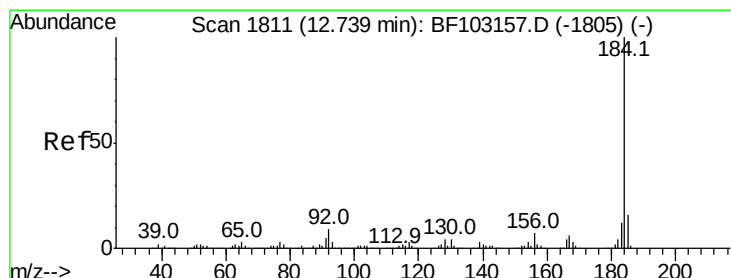
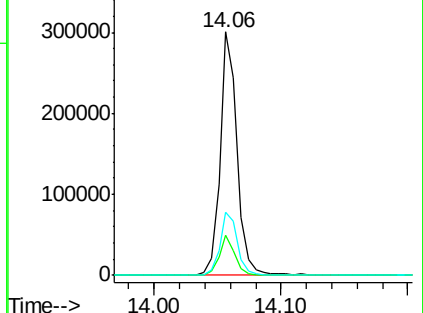
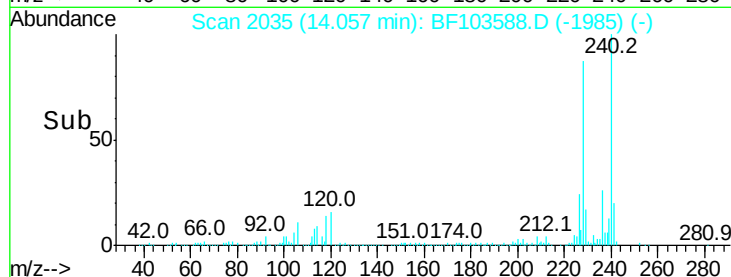
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.360 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

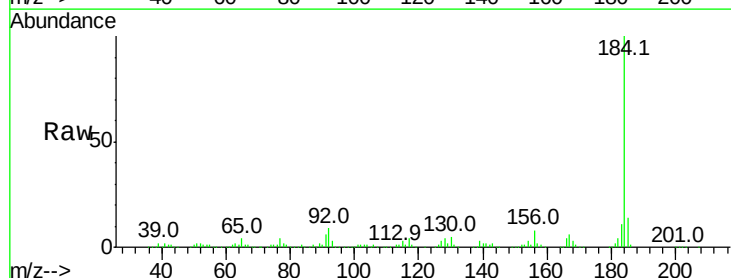
Tgt Ion:184 Resp: 434013

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

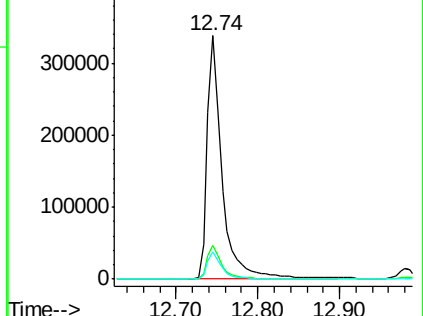
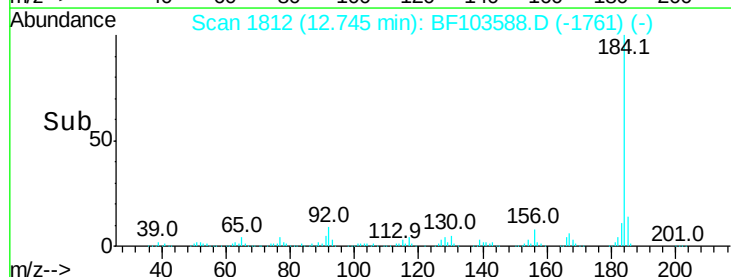
183 11.3 9.3 13.9

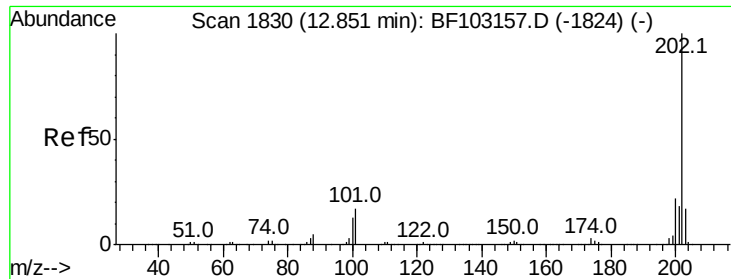


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

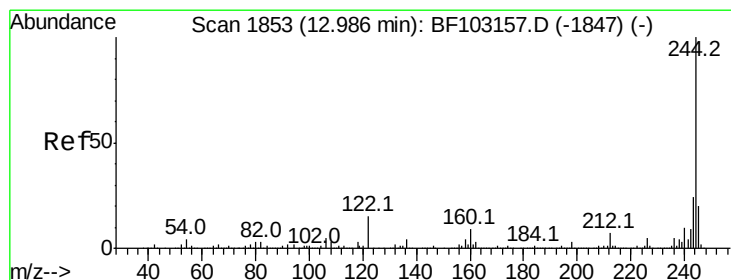
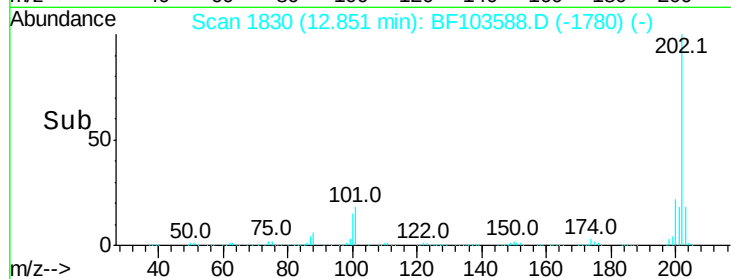
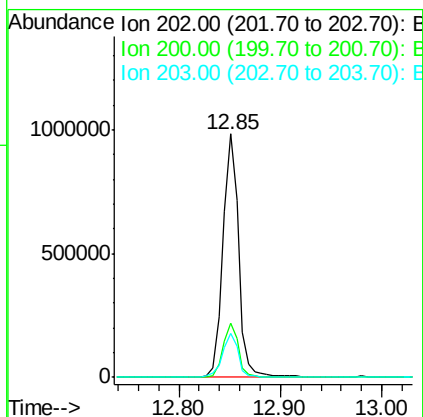
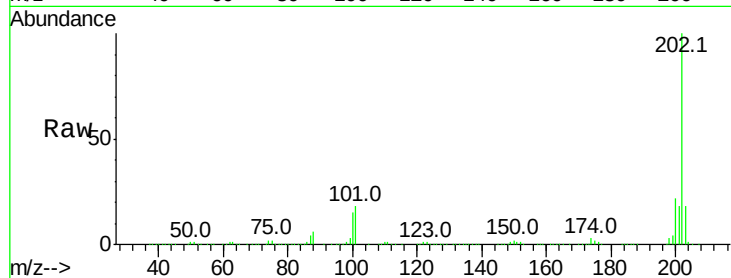




#77
 Pvrene
 Concen: 48.023 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

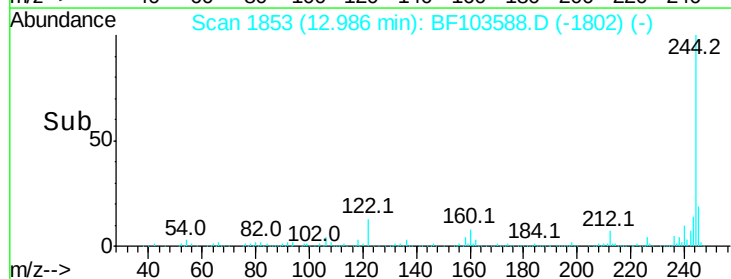
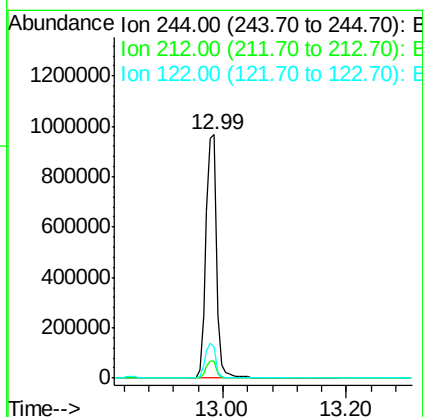
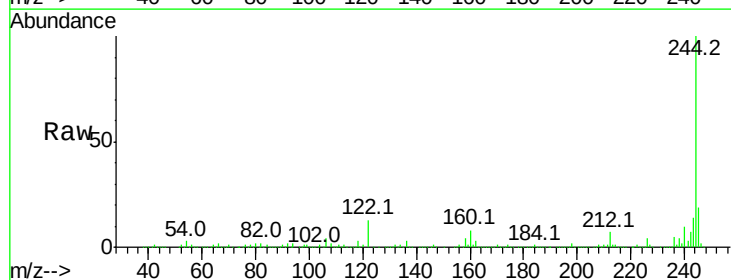
Instrument :
 BNA_F
 ClientSampled :

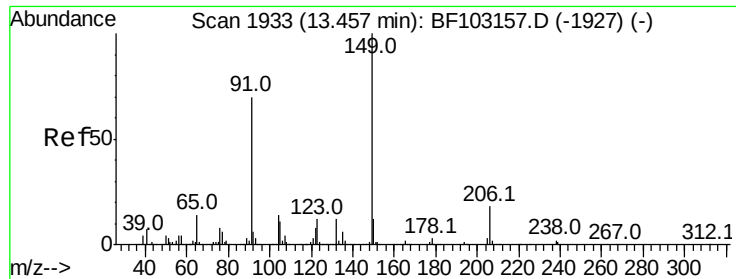
Tot Ion:202 Resp: 1050939
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.4 26.2
 203 18.0 14.3 21.5



#78
 Terphenyl-d14
 Concen: 99.328 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:244 Resp: 1159801
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.8 11.0 16.4

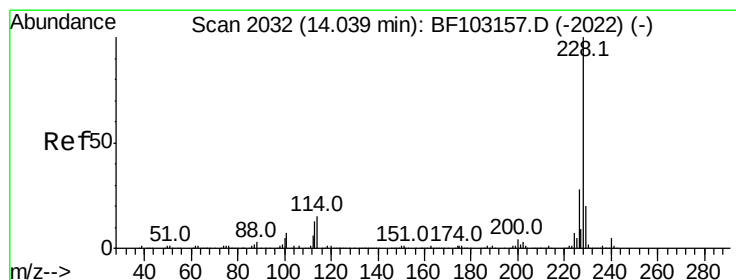
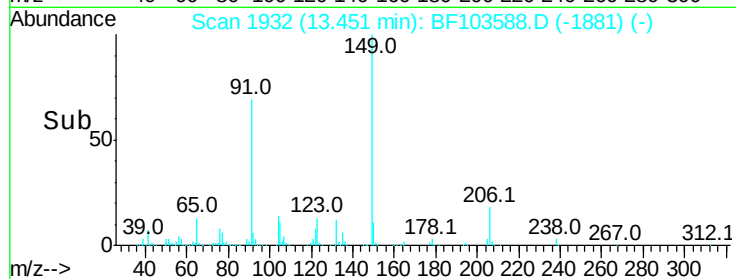
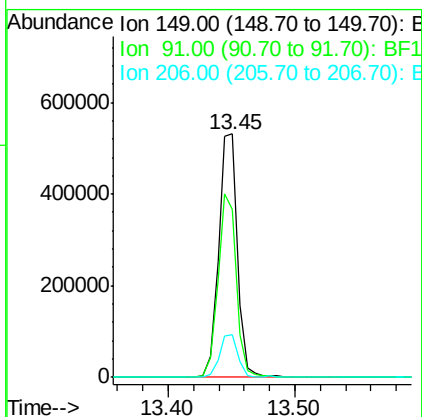
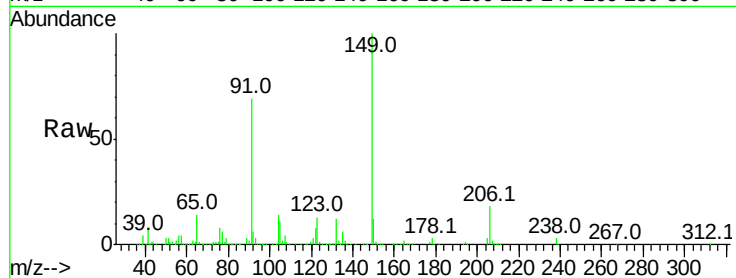




#79
Butylbenzylphthalate
Concen: 47.931 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

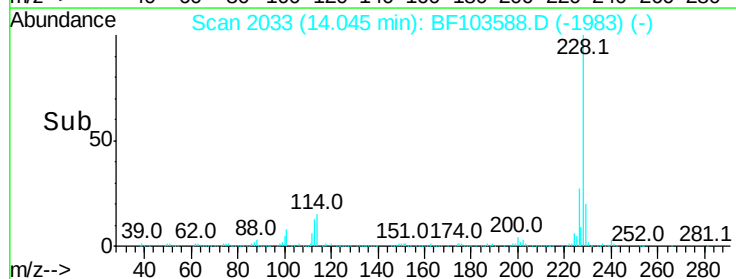
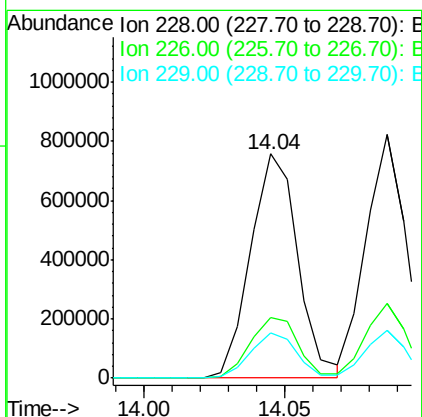
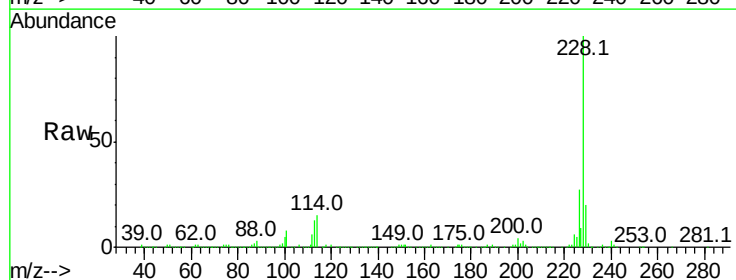
Instrument :
BNA_F
ClientSampleId :

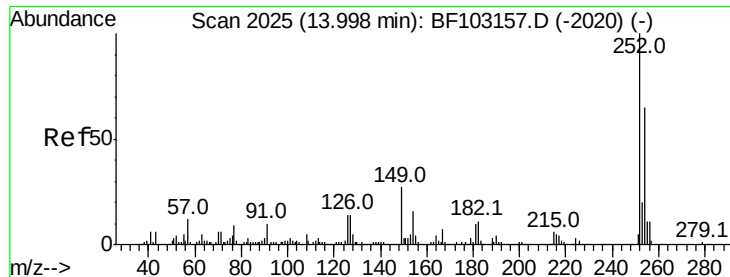
Tot Ion:149 Resp: 554187
Ion Ratio Lower Upper
149 100
91 69.3 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.347 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:228 Resp: 880484
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 19.9 15.8 23.6

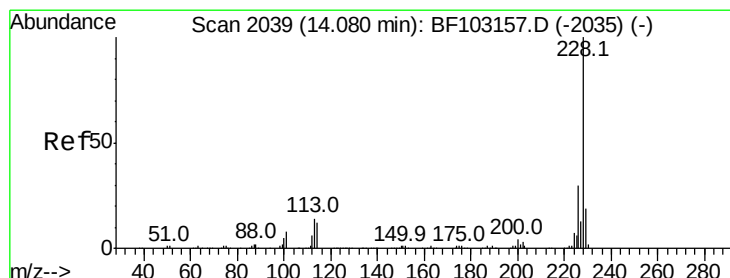
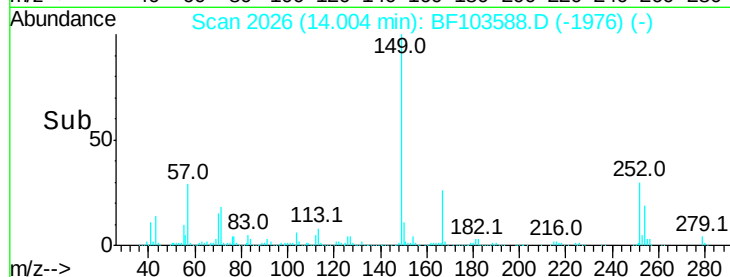
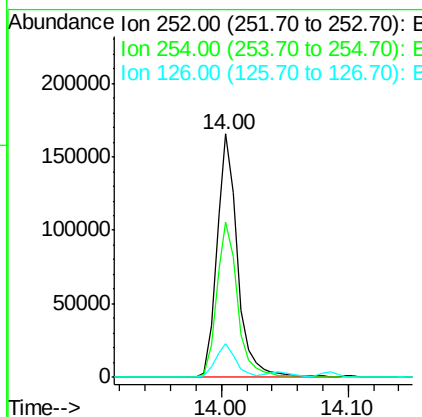
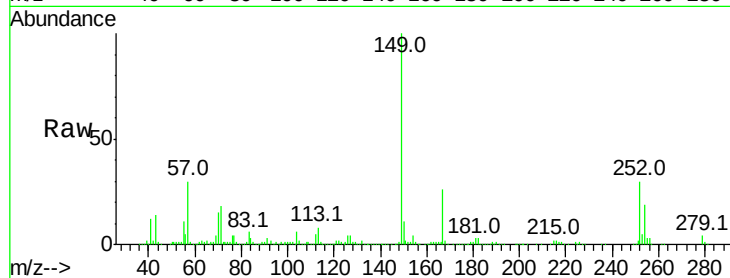




#81
 3,3'-Dichlorobenzidine
 Concen: 29.145 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

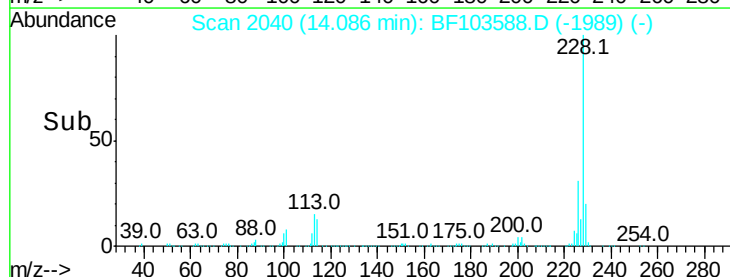
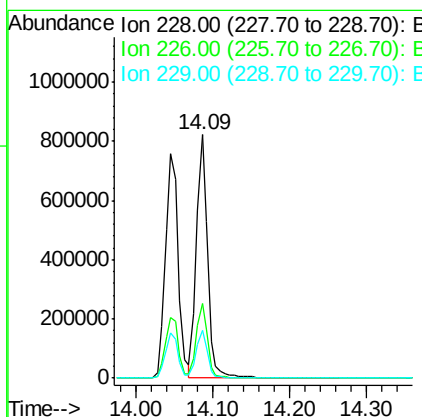
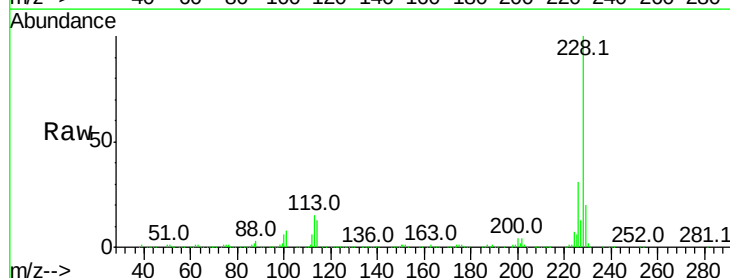
Instrument :
 BNA_F
 ClientSampleId :

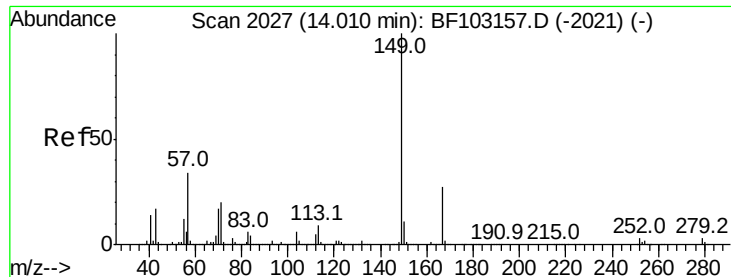
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	13.9	11.3	16.9



#82
 Chrysene
 Concen: 48.010 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	16.2	24.4

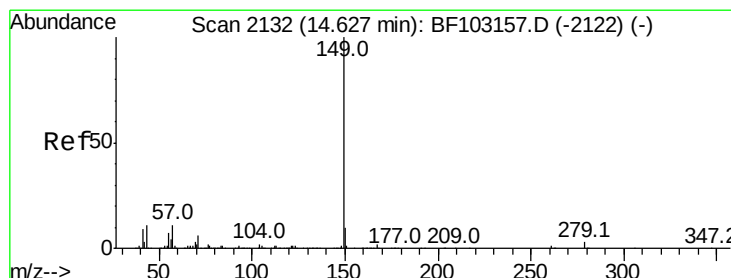
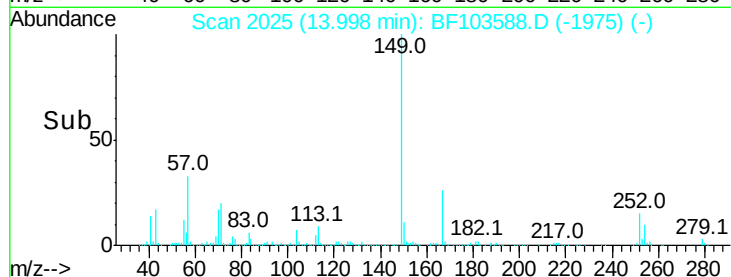
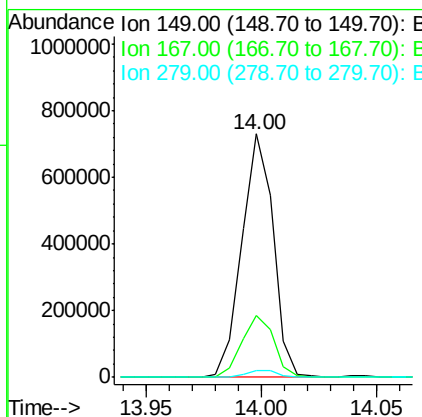
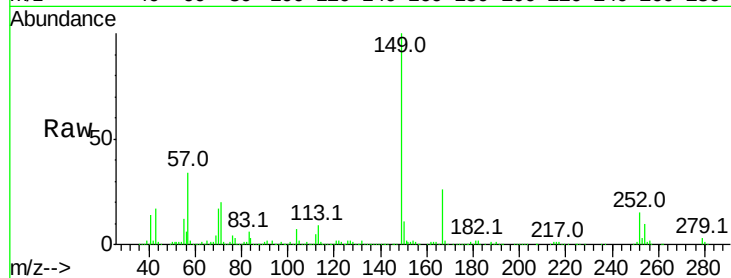




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.638 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

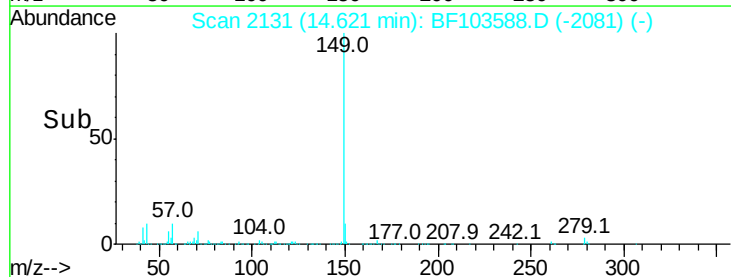
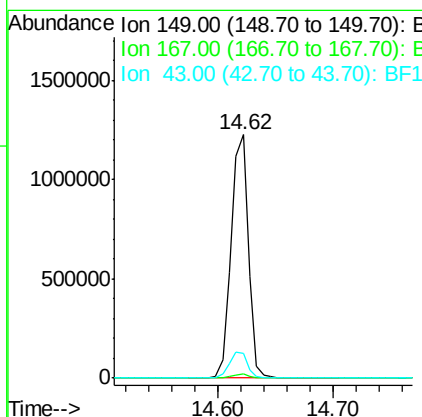
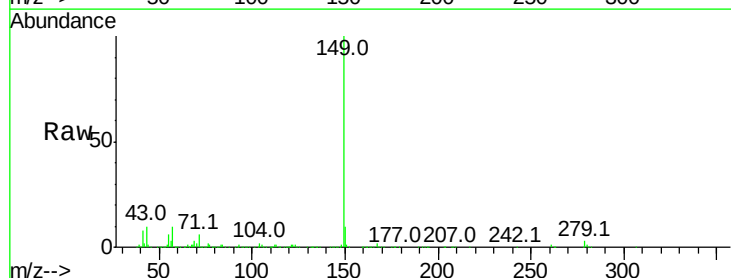
Instrument :
 BNA_F
 ClientSampleId :

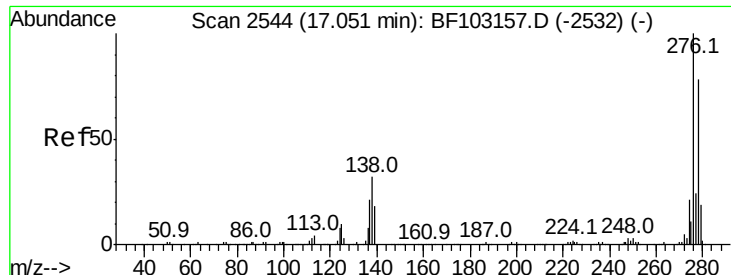
Tot Ion:149 Resp: 696484
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.3 31.9
 279 3.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 50.167 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion:149 Resp: 1264666
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.6 8.4 12.6

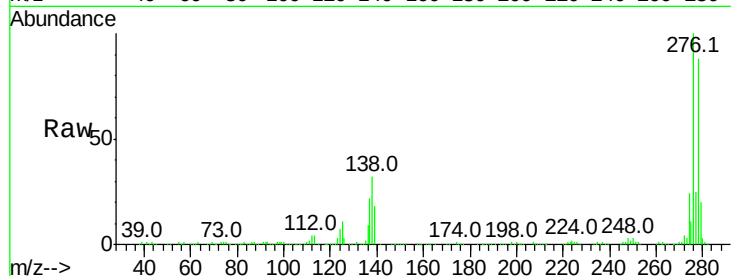




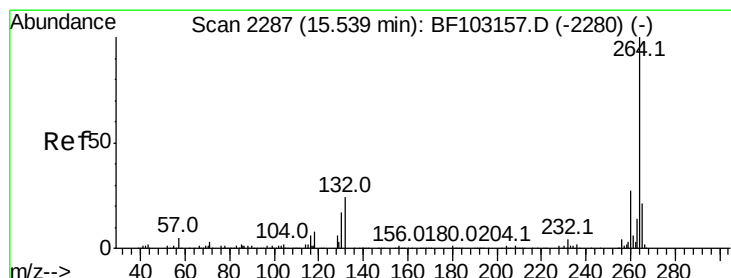
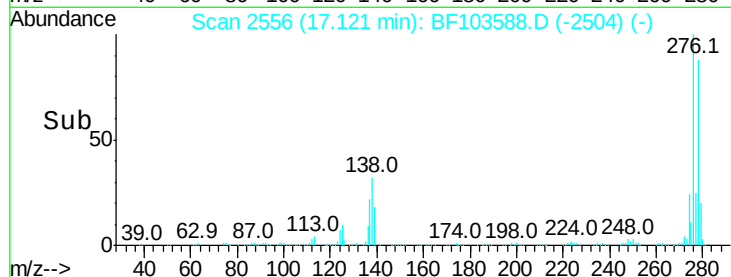
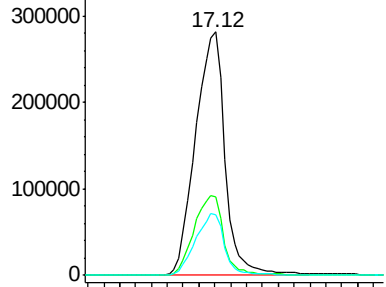
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.972 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.3	20.1	30.1

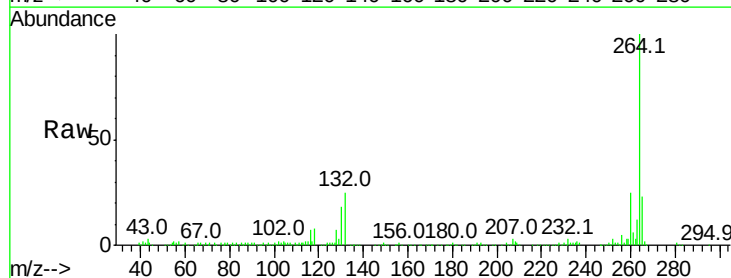


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

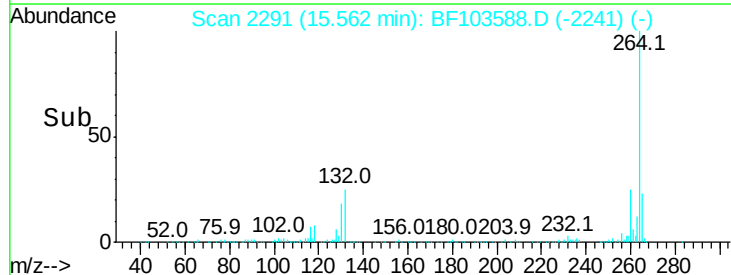
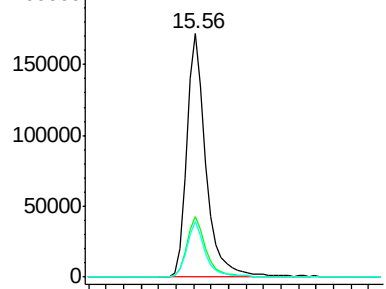


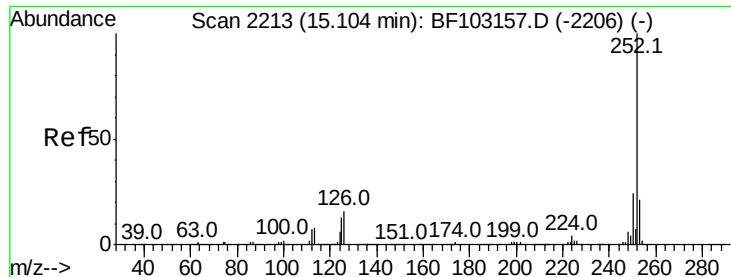
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103588.D
 Acq: 12 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.7	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

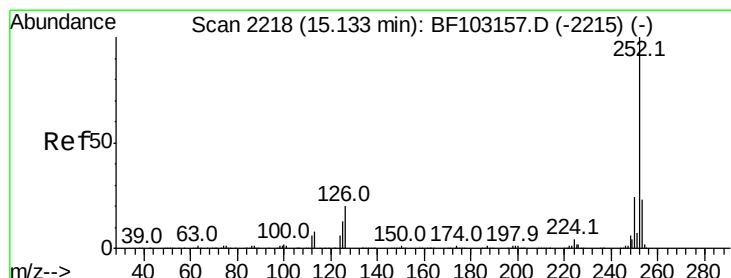
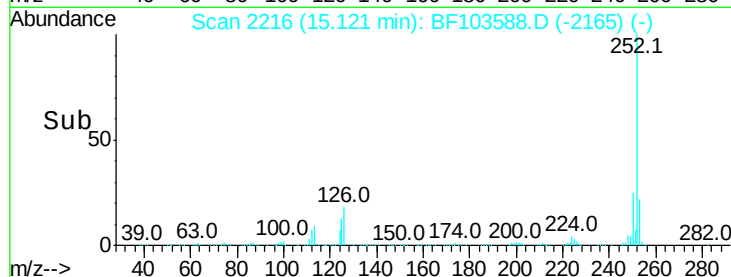
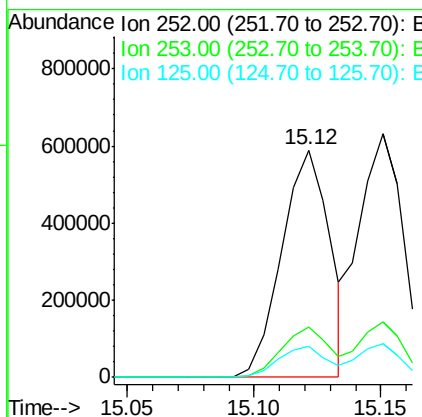
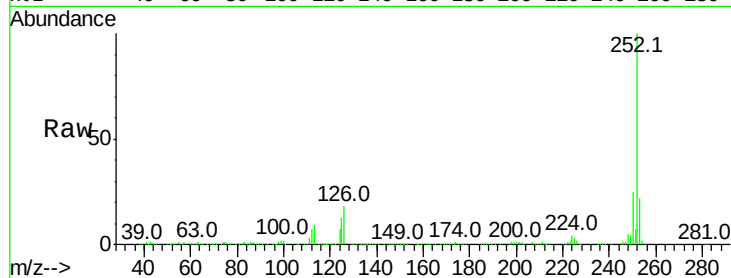




#87
Benzo(b)fluoranthene
Concen: 45.070 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

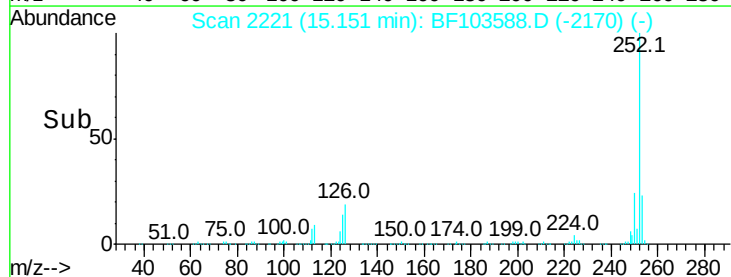
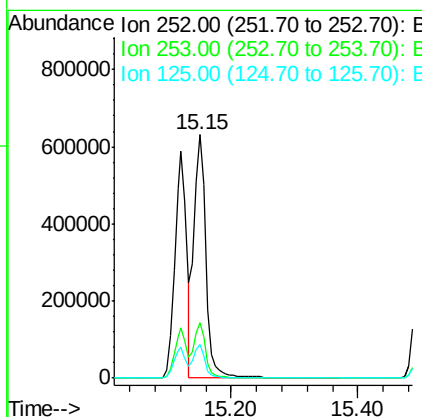
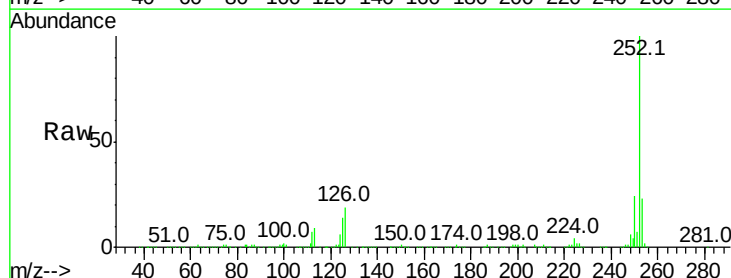
Instrument :
BNA_F
ClientSampleId :

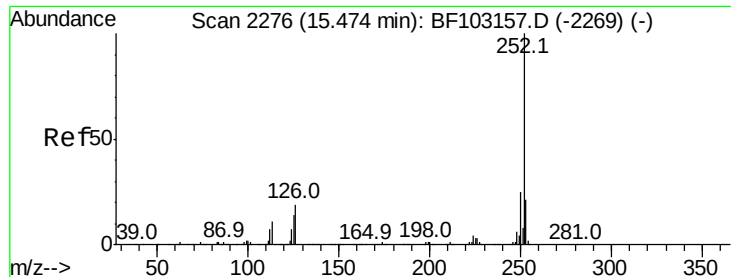
Tot Ion:252 Resp: 777597
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 50.392 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF103588.D
Acq: 12 Mar 2018 18:08

Tgt Ion:252 Resp: 818690
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 49.035 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :

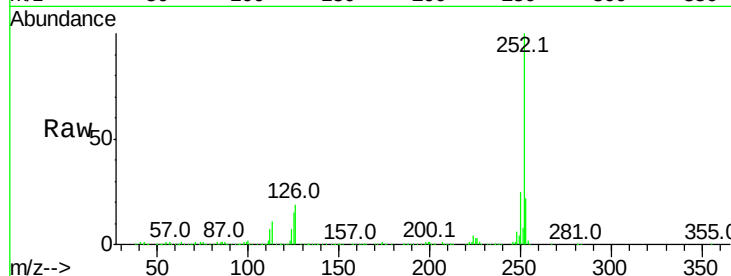
Tot Ion:252 Resp: 755483

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

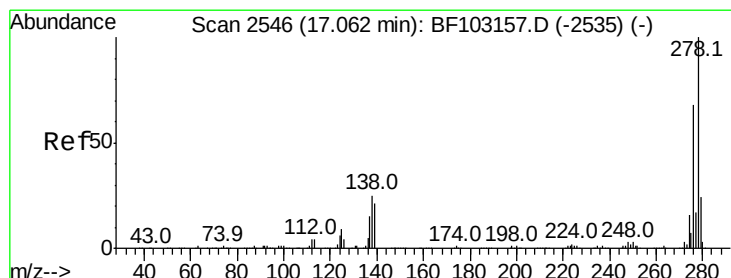
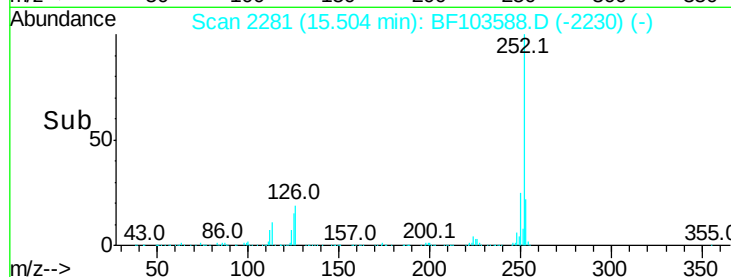
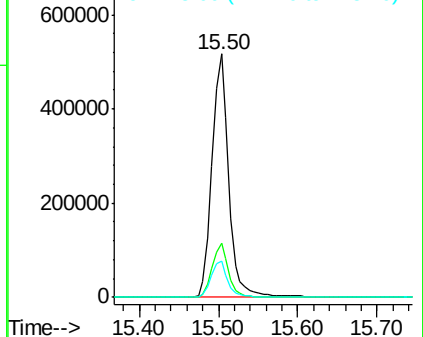
125 14.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 51.617 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.00 min

Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

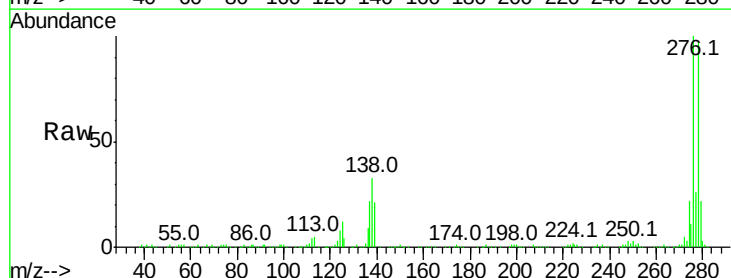
Tgt Ion:278 Resp: 614508

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

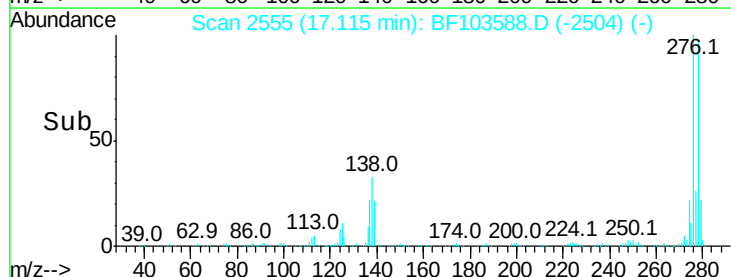
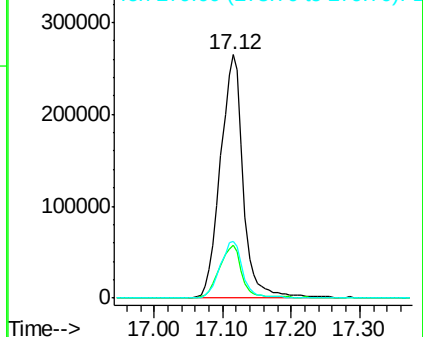
279 23.1 19.0 28.4

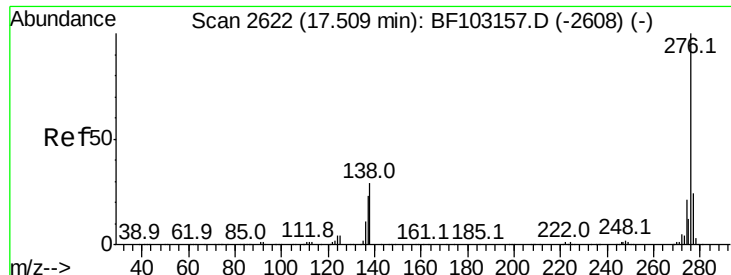


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 54.342 ng

RT: 17.59 min Scan# 2635

Delta R.T. 0.00 min

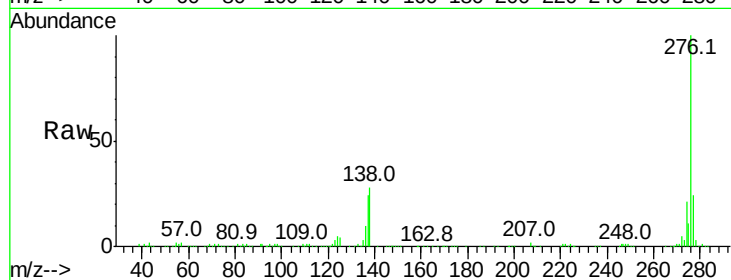
Lab File: BF103588.D

Acq: 12 Mar 2018 18:08

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 632290

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 27.9 21.8 32.8

