

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103356.D
 Acq On : 2 Mar 2018 10:39
 Operator : SJ/JU
 Sample : PB106993BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Quant Time: Mar 02 13:28:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	123800	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	541846	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	246581	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	412073	20.00	ng	0.00
75) Chrysene-d12	14.06	240	331585	20.00	ng	0.00
86) Perylene-d12	15.57	264	283819	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	139315	17.02	ng	0.00
7) Phenol-d6	6.51	99	179583	17.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	116639	12.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.71	330	30154	14.45	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	205426	9.80	ng	-0.01
78) Terphenyl-d14	12.99	244	194266	14.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	23022	5.325	ng	92
3) Pyridine	3.54	79	46708	4.047	ng	94
4) n-Nitrosodimethylamine	3.43	42	26383	5.668	ng	# 79
6) Aniline	6.54	93	44399	3.071	ng	# 82
8) 2-Chlorophenol	6.66	128	52624	6.189	ng	95
9) Benzaldehyde	6.43	77	20864	2.221	ng	96
10) Phenol	6.52	94	67926	5.842	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	52082	5.902	ng	94
12) 1,3-Dichlorobenzene	6.82	146	55663	5.728	ng	99
13) 1,4-Dichlorobenzene	6.89	146	57023	5.853	ng	98
14) 1,2-Dichlorobenzene	7.05	146	52651	5.861	ng	97
15) Benzyl Alcohol	7.02	79	43893	5.815	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	88231	5.822	ng	87
17) 2-Methylphenol	7.13	107	44350	5.739	ng	# 87
18) Hexachloroethane	7.38	117	21642	6.102	ng	# 86
19) n-Nitroso-di-n-propylamine	7.27	70	42595	6.833	ng	94
20) 3+4-Methylphenols	7.29	107	54510	5.787	ng	# 87
22) Acetophenone	7.28	105	80315	6.350	ng	# 93
24) Nitrobenzene	7.46	77	59394	5.686	ng	95
25) Isophorone	7.69	82	112135	6.001	ng	96
26) 2-Nitrophenol	7.77	139	25685	5.223	ng	# 89
27) 2,4-Dimethylphenol	7.82	122	49407	6.573	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	69377	6.315	ng	97
29) 2,4-Dichlorophenol	8.03	162	41779	5.805	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	41531	5.419	ng	95
31) Naphthalene	8.18	128	159711	6.021	ng	97
32) Benzoic acid	7.94	122	1788	7.188	ng	94
33) 4-Chloroaniline	8.24	127	41898	3.660	ng	95
34) Hexachlorobutadiene	8.29	225	21667	5.429	ng	95
35) Caprolactam	8.58	113	13078	5.171	ng	87
36) 4-Chloro-3-methylphenol	8.72	107	49977	6.157	ng	92
37) 2-Methylnaphthalene	8.87	142	106733	6.226	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	37916	5.625	ng	99
40) Hexachlorocyclopentadiene	9.02	237	4637	10.617	ng	98

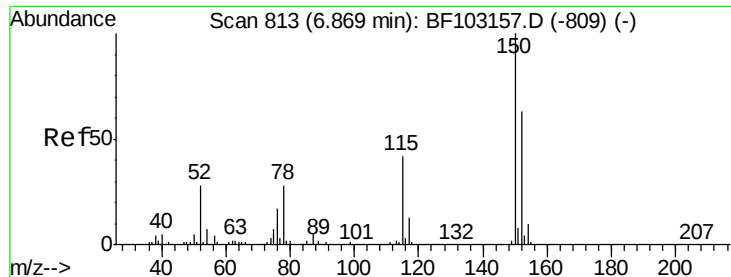
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103356.D
 Acq On : 2 Mar 2018 10:39
 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	24514	5.404	nq	99
43) 2,4,5-Trichlorophenol	9.21	196	27805	5.330	nq	# 90
45) 1,1'-Biphenyl	9.33	154	122615	5.934	nq	99
46) 2-Chloronaphthalene	9.36	162	92550	5.662	nq	100
47) 2-Nitroaniline	9.46	65	35599	5.879	nq	86
48) Acenaphthylene	9.77	152	151702	6.032	nq	98
49) Dimethylphthalate	9.63	163	110255	5.574	nq	99
50) 2,6-Dinitrotoluene	9.70	165	22367	5.388	nq	# 83
51) Acenaphthene	9.95	154	86757	5.916	nq	99
52) 3-Nitroaniline	9.88	138	24244	4.603	nq	89
54) Dibenzofuran	10.12	168	131021	6.508	nq	94
55) 4-Nitrophenol	10.07	139	19528	5.983	nq	88
56) 2,4-Dinitrotoluene	10.12	165	28213	5.374	nq	# 71
57) Fluorene	10.46	166	100258	5.846	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	16166	4.613	nq	# 90
59) Diethylphthalate	10.32	149	118834	6.281	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	41176	5.662	nq	92
61) 4-Nitroaniline	10.49	138	26372	5.013	nq	94
62) Azobenzene	10.62	77	109130	5.667	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	106	4.983	nq	# 8
65) n-Nitrosodiphenylamine	10.57	169	82385	5.742	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	23433	5.459	nq	94
67) Hexachlorobenzene	11.02	284	25151	5.398	nq	95
68) Atrazine	11.10	200	24311	5.637	nq	98
69) Pentachlorophenol	11.23	266	7515	3.336	nq	96
70) Phenanthrene	11.43	178	138423	6.104	nq	97
71) Anthracene	11.49	178	144978	6.234	nq	99
72) Carbazole	11.65	167	137181	5.924	nq	98
73) Di-n-butylphthalate	11.96	149	180671	6.235	nq	98
74) Fluoranthene	12.63	202	147085	6.454	nq	97
76) Benzidine	12.76	184	36942	2.980	nq	95
77) Pyrene	12.86	202	147196	5.694	nq	99
79) Butylbenzylphthalate	13.46	149	75209	5.506	nq	100
80) Benzo(a)anthracene	14.05	228	121785	5.661	nq	98
81) 3,3'-Dichlorobenzidine	14.01	252	32181	4.191	nq	98
82) Chrysene	14.09	228	117552	5.627	nq	96
83) Bis(2-ethylhexyl)phthalate	14.02	149	106760	5.792	nq	# 99
84) Di-n-octyl phthalate	14.64	149	160417	5.387	nq	# 100
85) Indeno(1,2,3-cd)pyrene	17.12	276	84942	5.136	nq	94
87) Benzo(b)fluoranthene	15.13	252	101669	5.448	nq	97
88) Benzo(k)fluoranthene	15.16	252	107388	6.111	nq	98
89) Benzo(a)pyrene	15.51	252	94159	5.650	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	71164	5.527	nq	94
91) Benzo(g,h,i)perylene	17.57	276	70754	5.622	nq	98

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

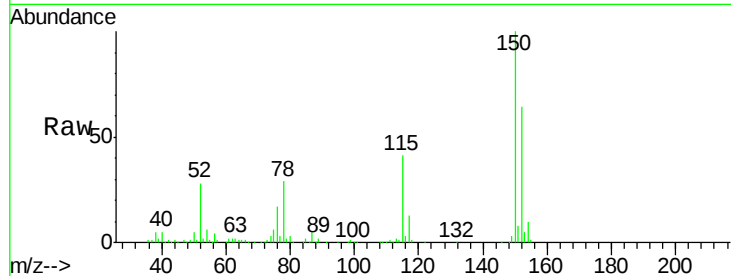


#1

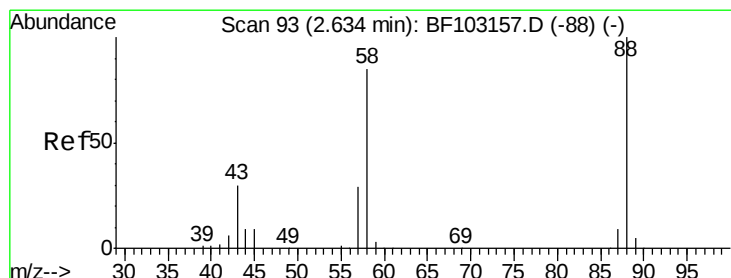
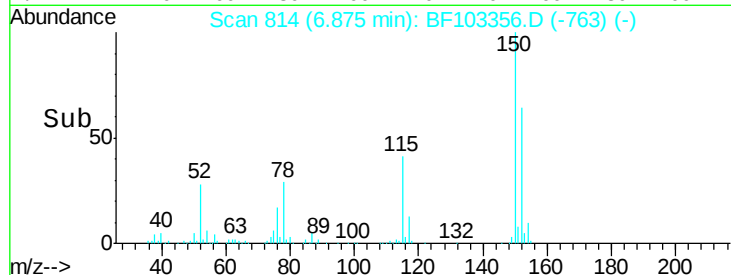
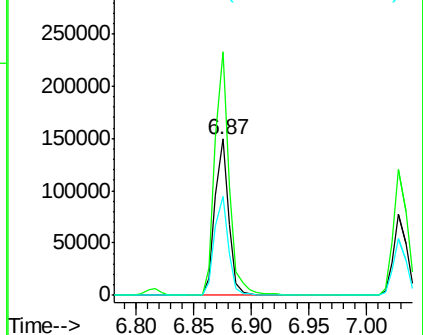
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:152 Resp: 123800
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 63.4 50.1 75.1



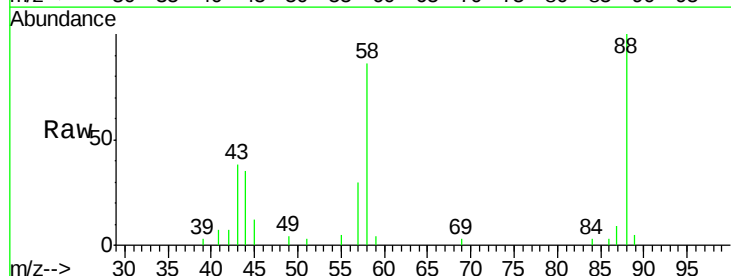
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



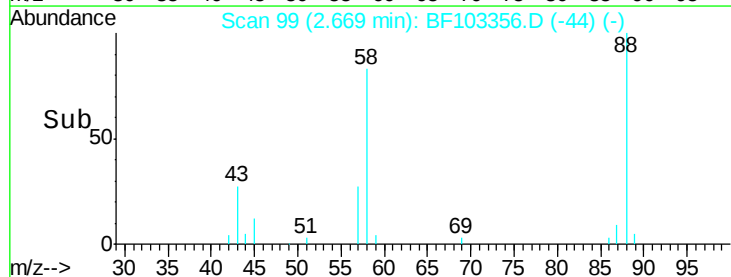
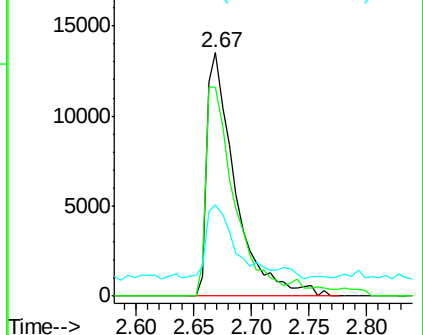
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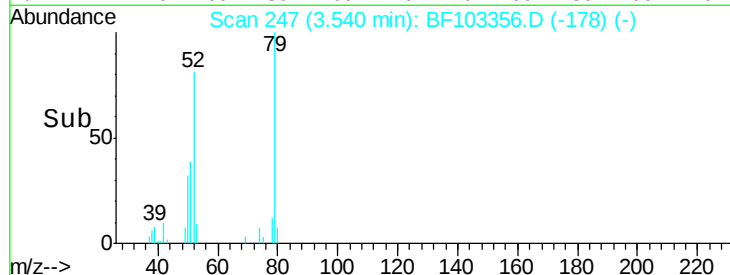
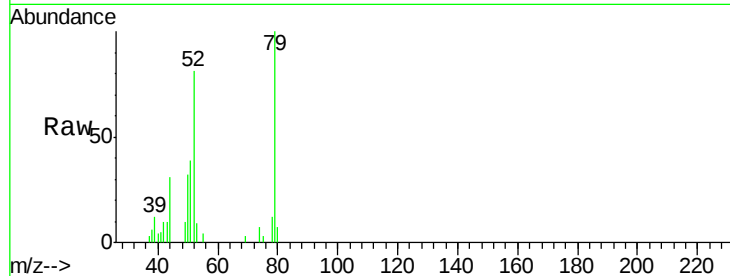
1,4-Dioxane
Concen: 5.325 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion: 88 Resp: 23022
Ion Ratio Lower Upper
88 100
58 87.2 62.6 93.8
43 29.3 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

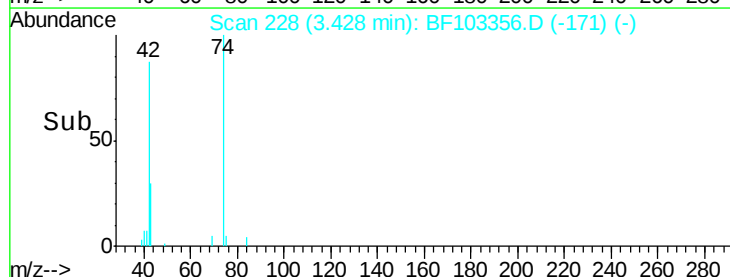
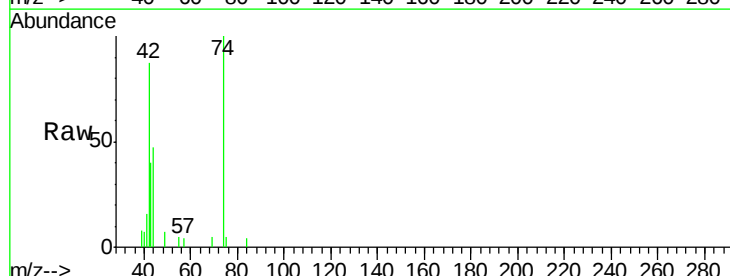
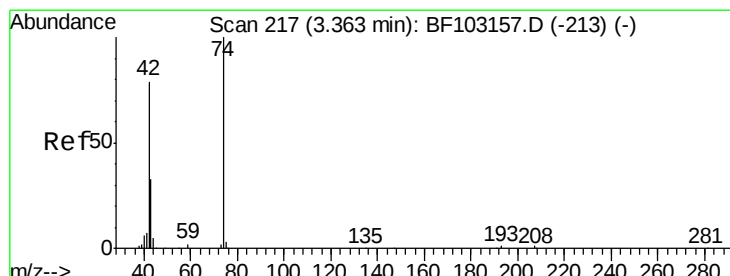
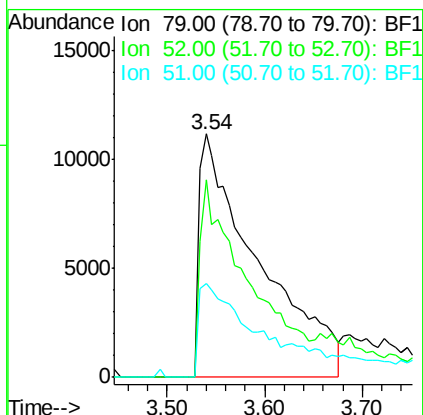




#3
 Pvridine
 Concen: 4.047 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.11 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

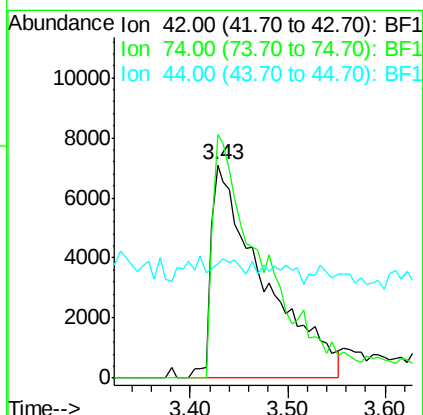
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

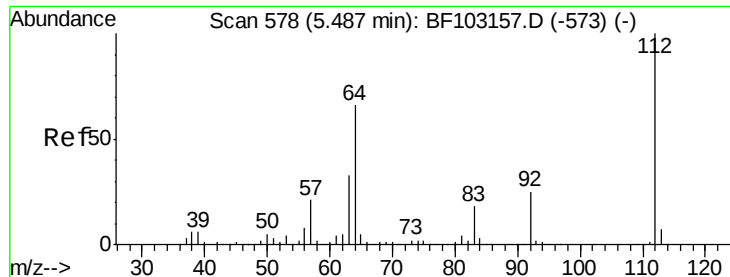
Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	81.2	59.8	89.6	
51	38.6	29.8	44.8	



#4
 n-Nitrosodimethylamine
 Concen: 5.668 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.04 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	114.3	104.9	157.3	
44	53.7	6.9	10.3#	





#5

2-Fluorophenol

Concen: 17.020 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

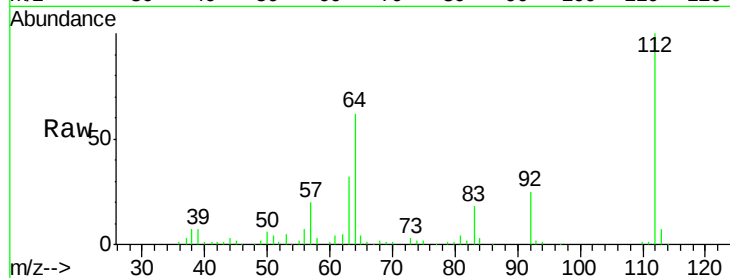
Tot Ion:112 Resp: 139315

Ion Ratio Lower Upper

112 100

64 62.3 47.9 71.9

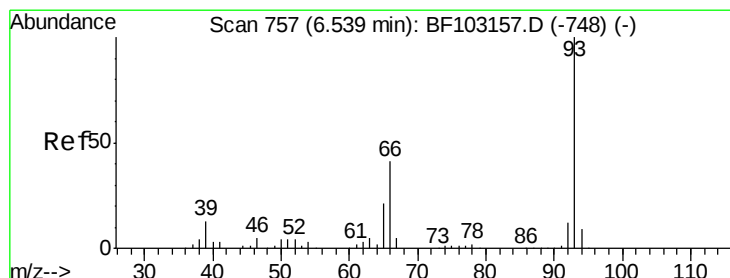
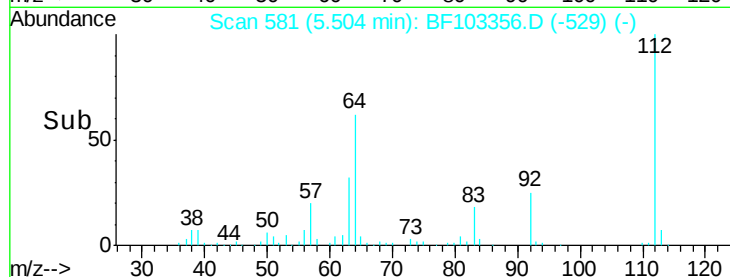
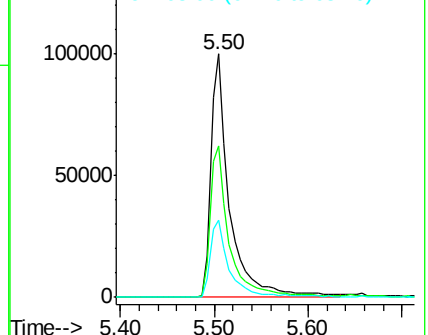
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.071 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

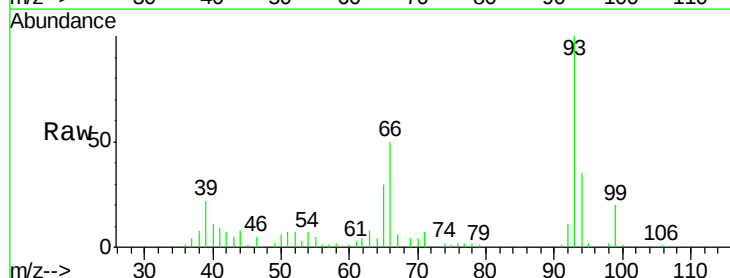
Tgt Ion: 93 Resp: 44399

Ion Ratio Lower Upper

93 100

66 50.0 32.2 48.2#

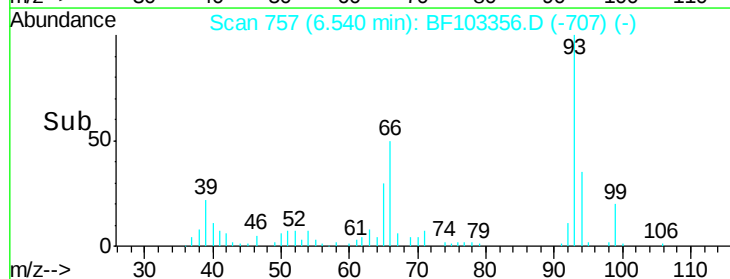
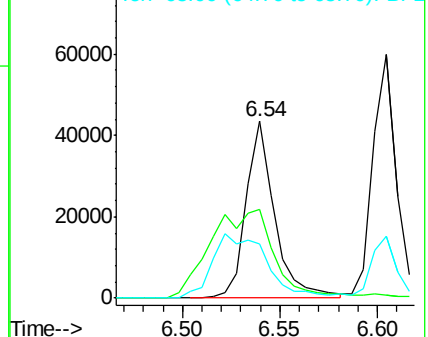
65 30.5 16.4 24.6#

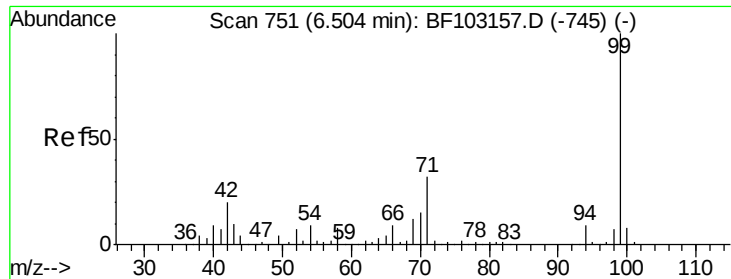


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 17.929 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

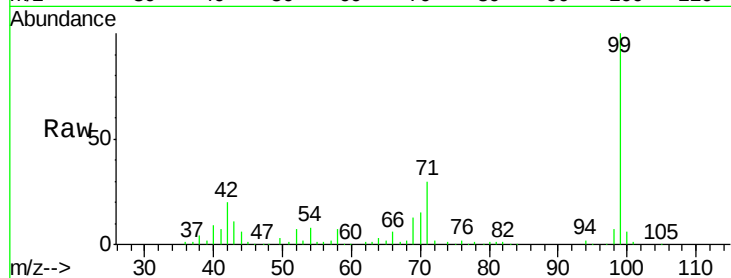
Tot Ion: 99 Resp: 179583

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

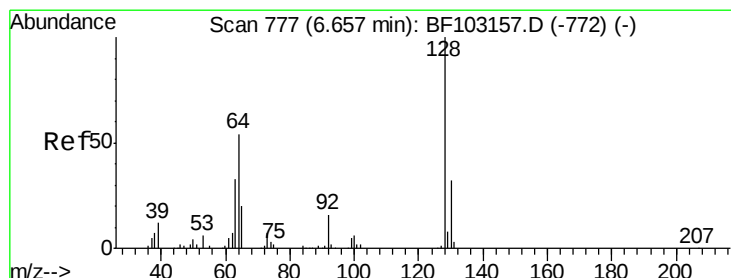
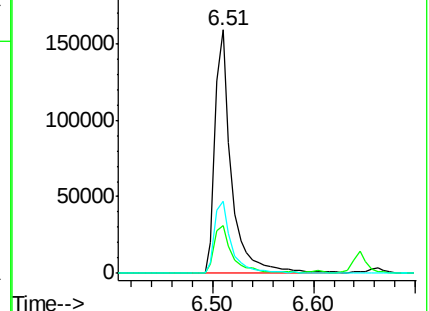
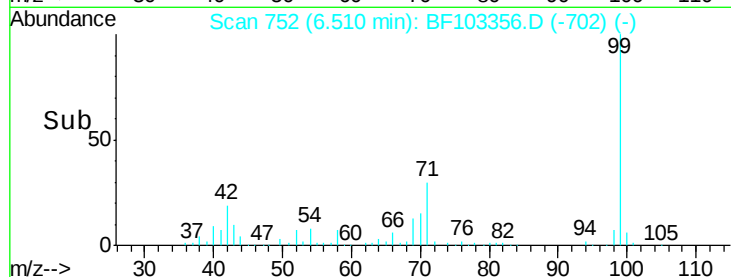
71 29.6 25.4 38.0



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: 6.189 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

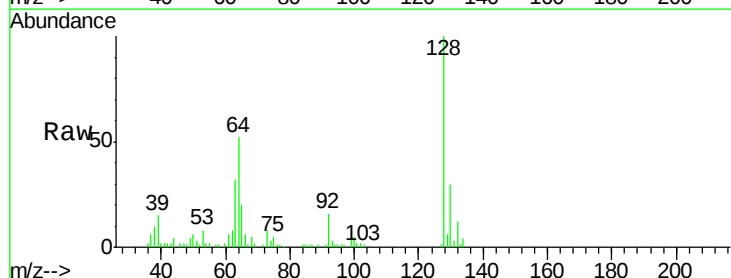
Tgt Ion:128 Resp: 52624

Ion Ratio Lower Upper

128 100

130 29.9 13.0 53.0

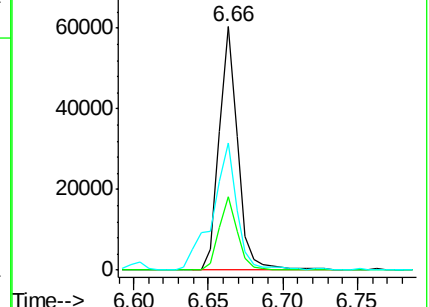
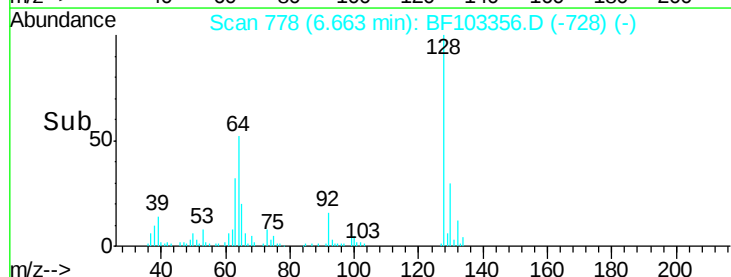
64 52.5 29.4 69.4

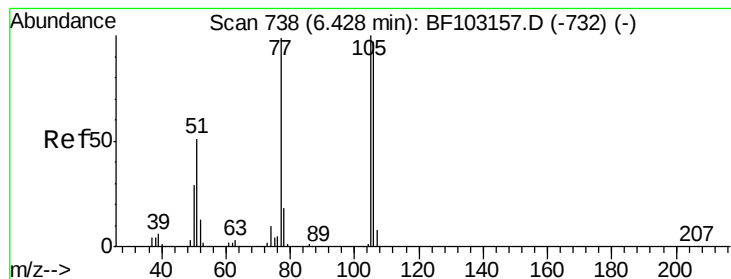


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 2.221 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

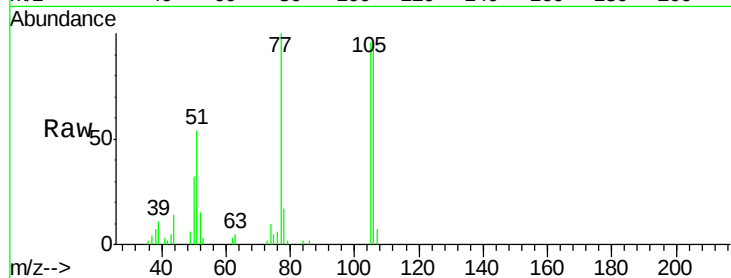
Tot Ion: 77 Resp: 20864

Ion Ratio Lower Upper

77 100

105 95.6 81.1 121.1

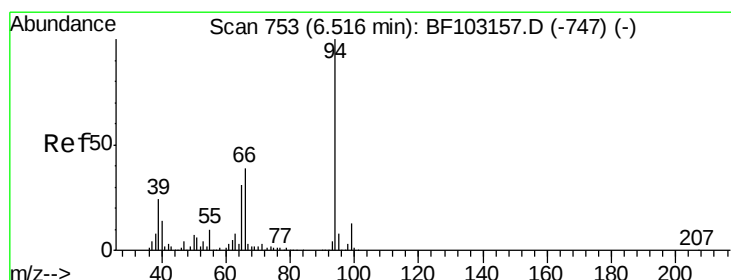
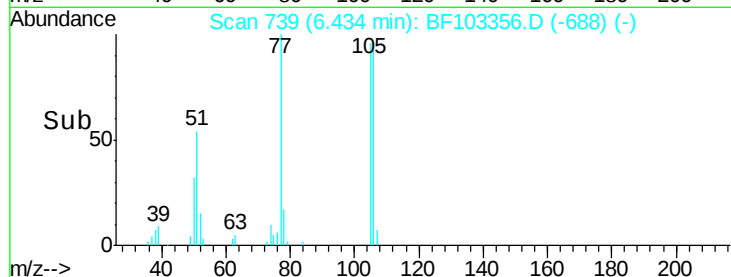
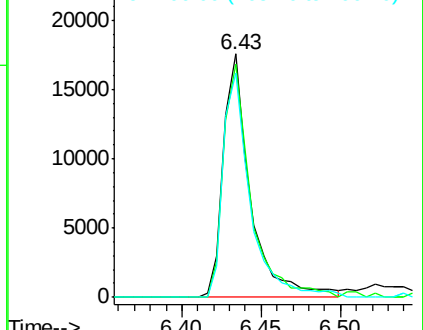
106 92.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 5.842 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

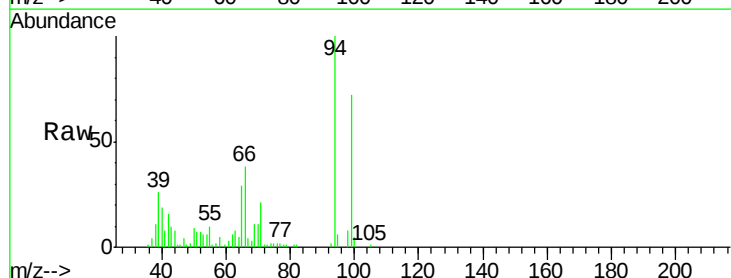
Tgt Ion: 94 Resp: 67926

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

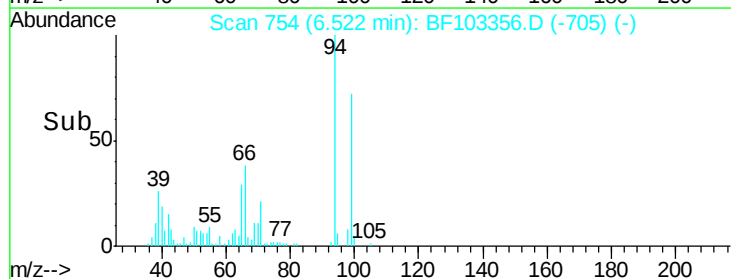
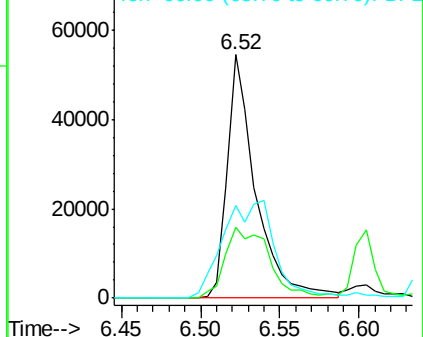
66 37.8 16.2 56.2

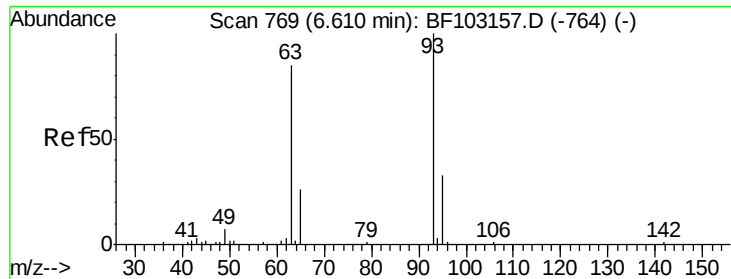


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

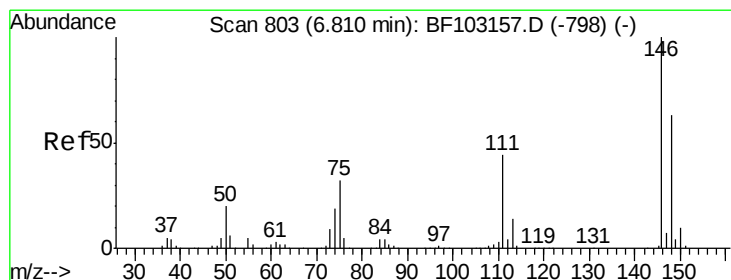
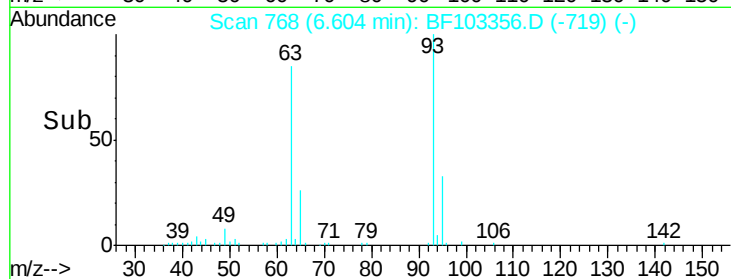
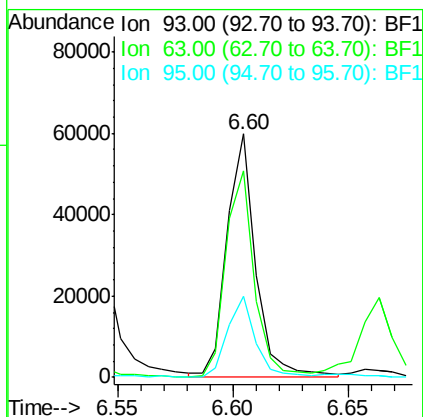
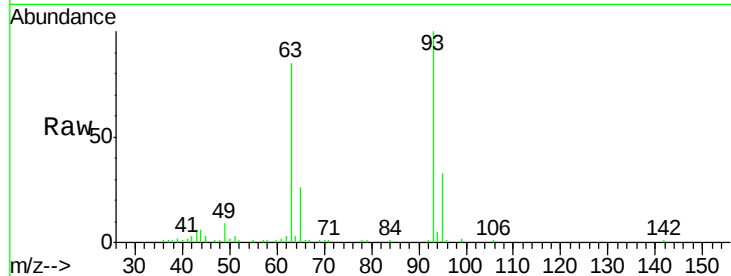




#11
bis(2-Chloroethyl)ether
Concen: 5.902 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

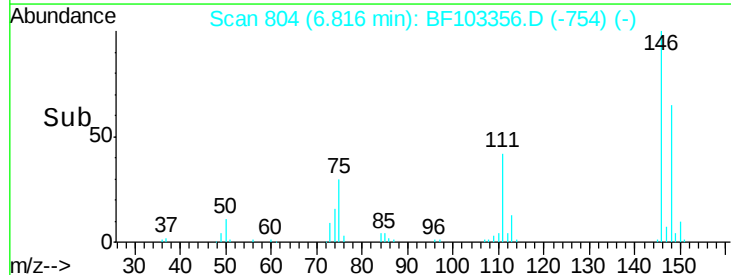
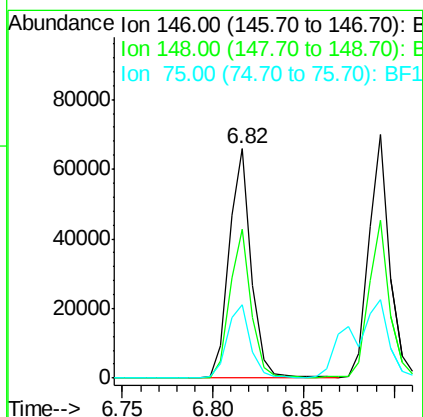
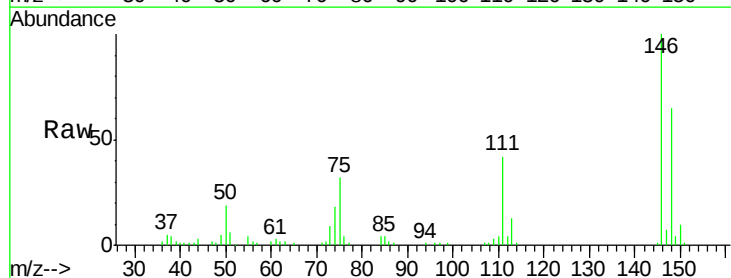
Instrument :
BNA_F
ClientSampleId :
PB106993BS

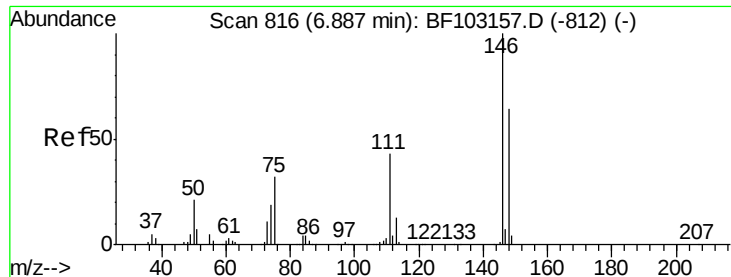
Tot Ion: 93 Resp: 52082
Ion Ratio Lower Upper
93 100
63 84.7 58.6 98.6
95 33.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 5.728 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion: 146 Resp: 55663
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 31.8 24.2 36.4

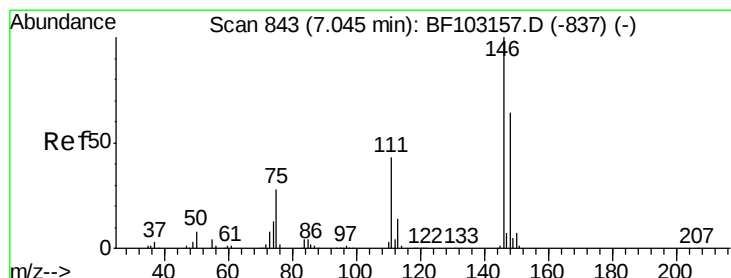
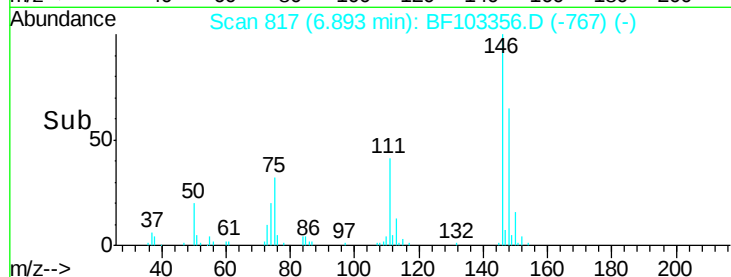
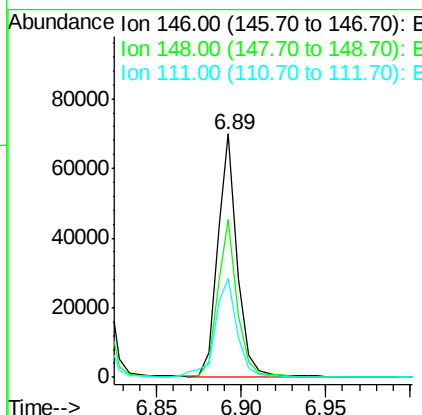
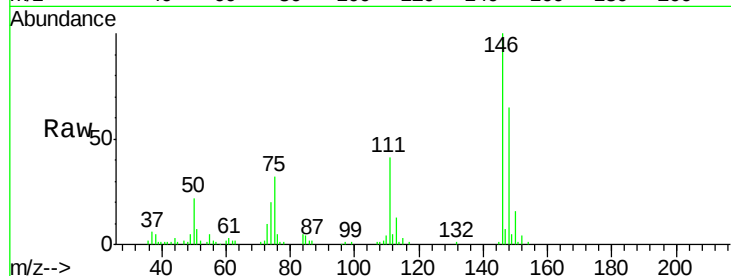




#13
 1,4-Dichlorobenzene
 Concen: 5.853 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

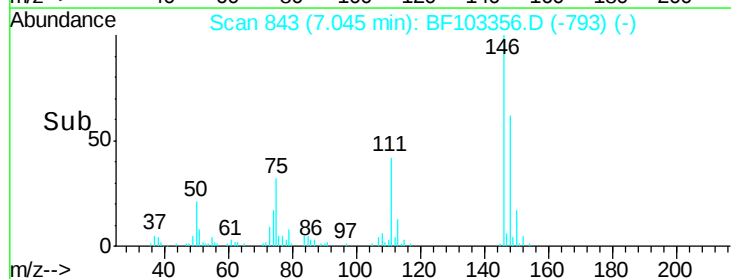
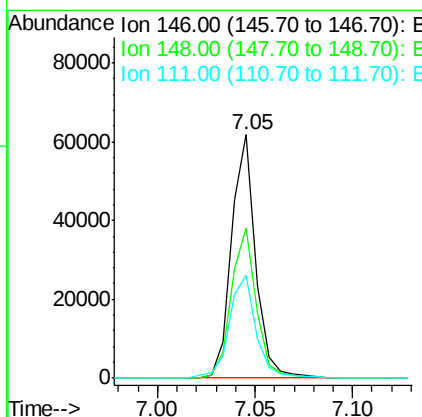
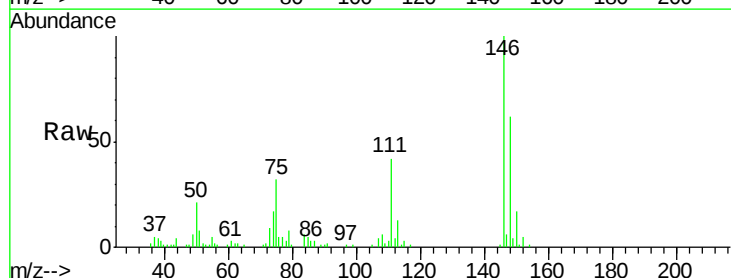
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

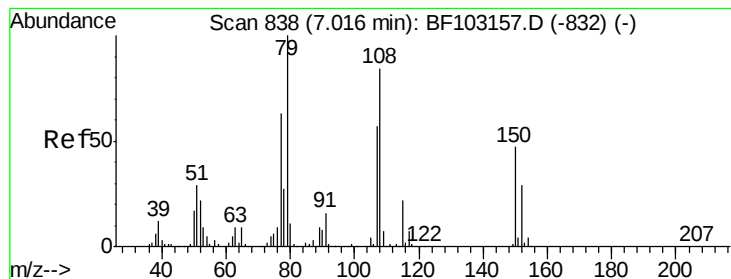
Tot Ion:146 Resp: 57023
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 40.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 5.861 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion:146 Resp: 52651
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.6 75.8
 111 42.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 5.815 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

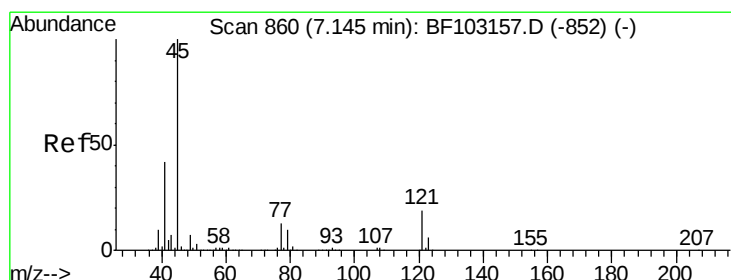
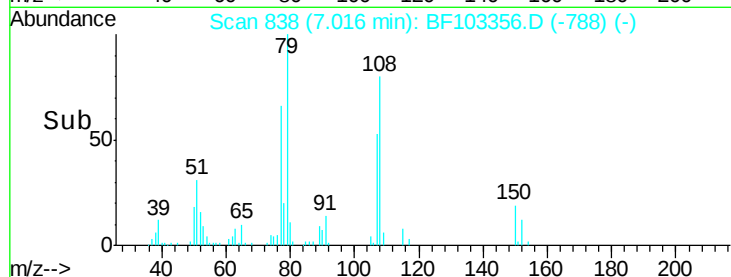
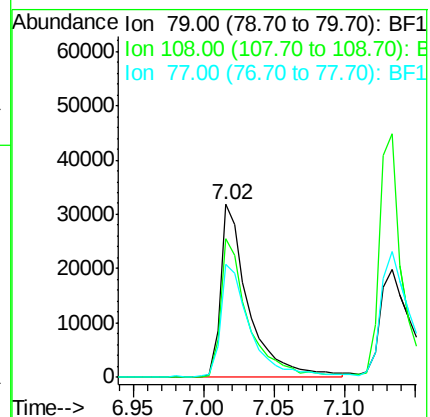
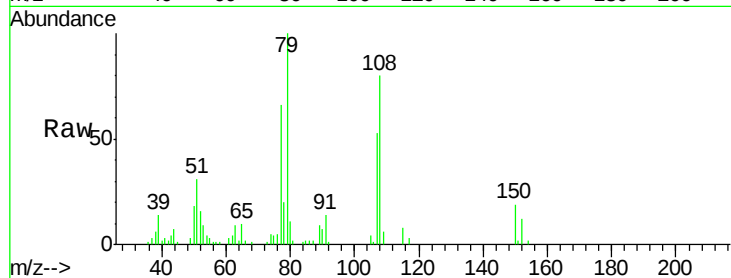
Tot Ion: 79 Resp: 43893

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

77 65.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.822 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

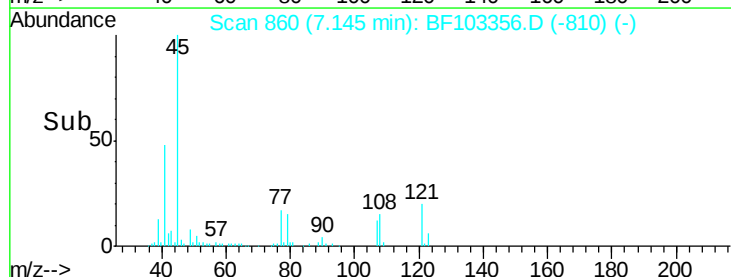
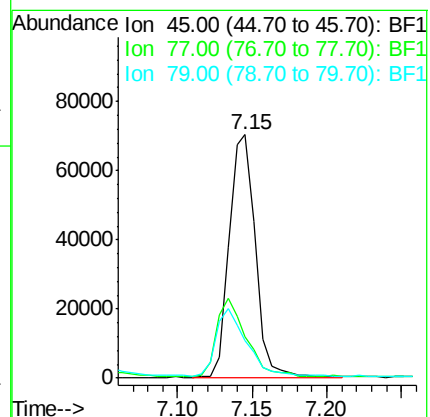
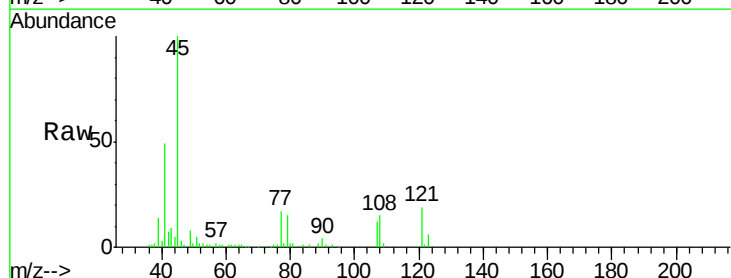
Tgt Ion: 45 Resp: 88231

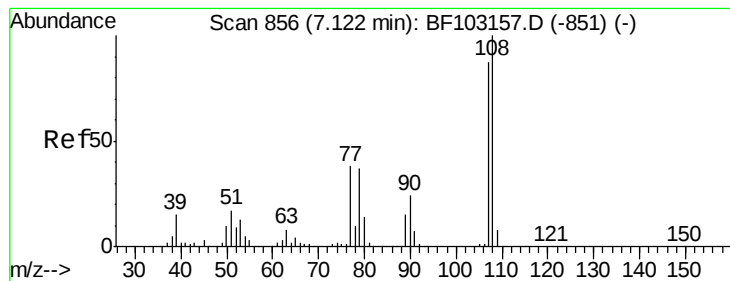
Ion Ratio Lower Upper

45 100

77 17.2 0.0 32.9

79 15.4 0.0 29.6





#17

2-Methylphenol

Concen: 5.739 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

Tot Ion:107 Resp: 44350

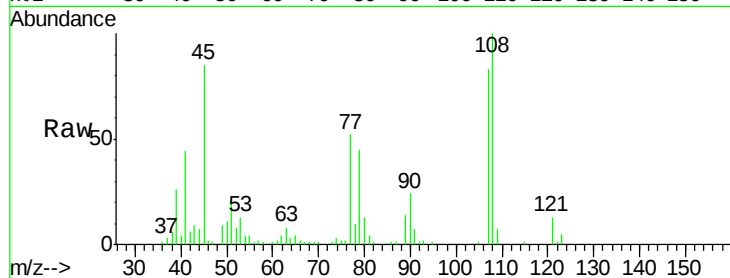
Ion Ratio Lower Upper

107 100

108 120.0 91.7 137.5

77 62.1 33.8 50.8#

79 53.4 33.8 50.8#

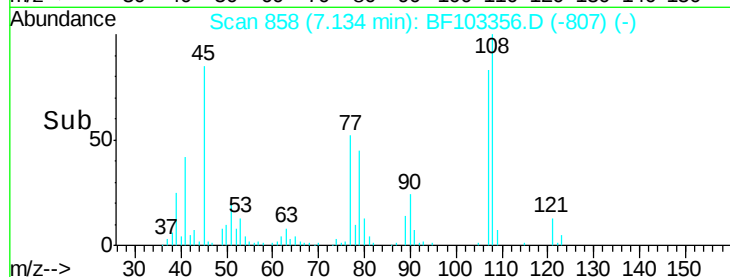


Abundance Ion 107.00 (106.70 to 107.70): E

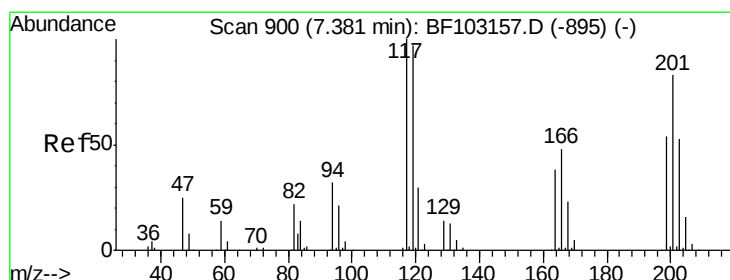
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 6.102 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

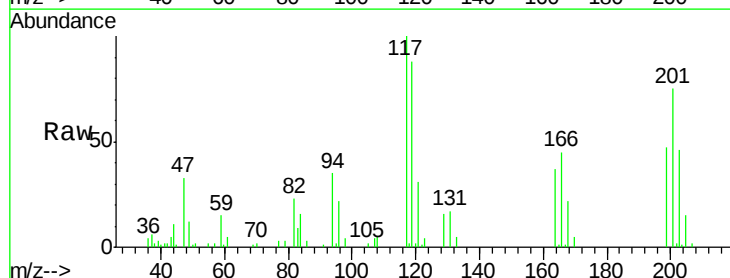
Tgt Ion:117 Resp: 21642

Ion Ratio Lower Upper

117 100

119 88.1 75.8 113.8

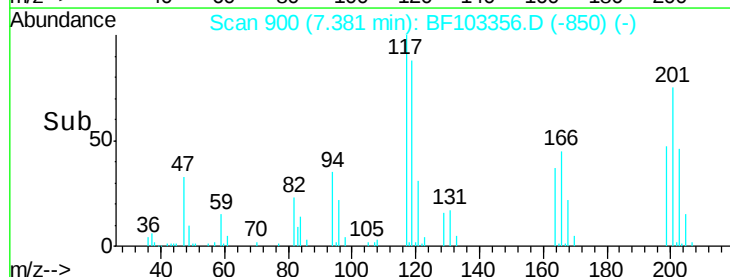
201 74.5 75.7 113.5#



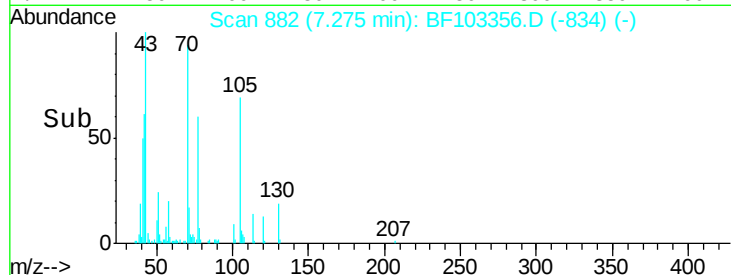
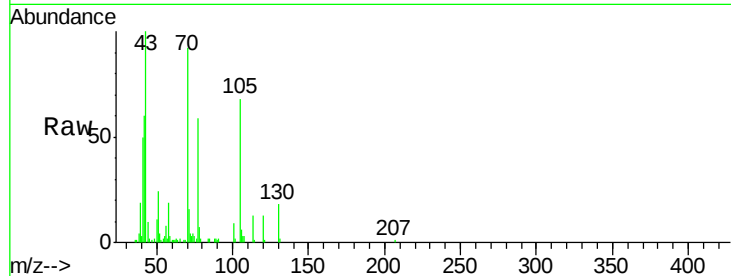
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



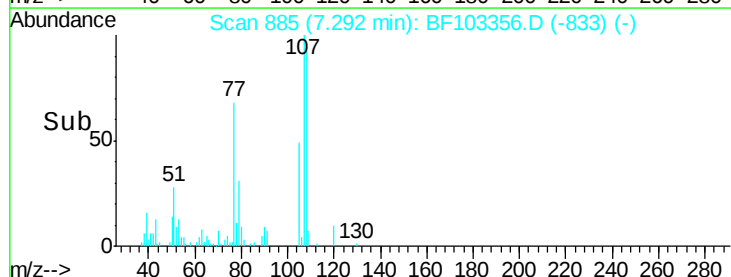
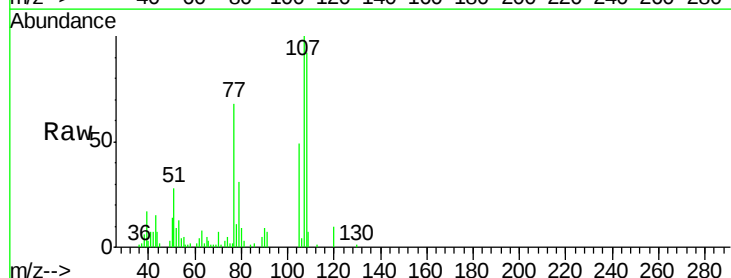
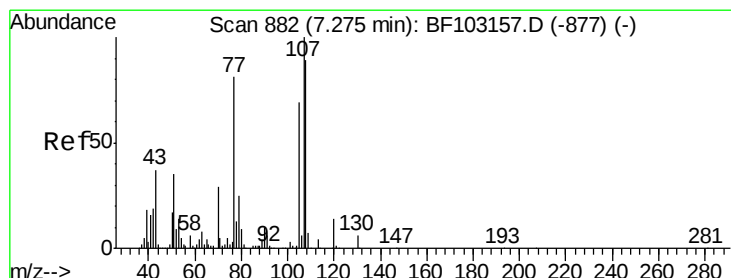
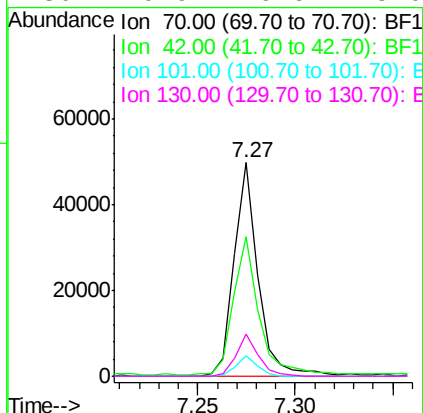
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 6.833 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

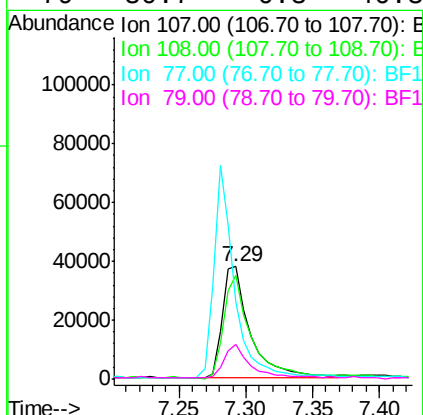
Instrument :
BNA_F
ClientSampleId :
PB106993BS

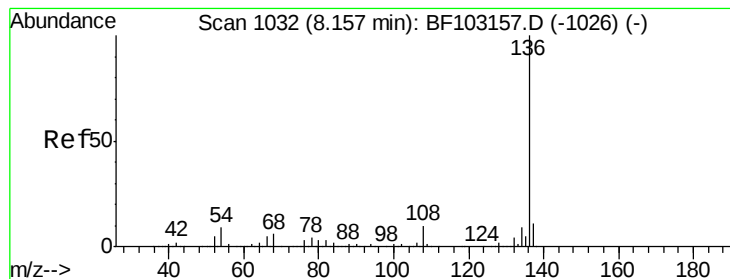
Tot Ion: 70 Resp: 42595
Ion Ratio Lower Upper
70 100
42 65.4 47.5 71.3
101 9.4 7.4 11.2
130 19.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 5.787 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:107 Resp: 54510
Ion Ratio Lower Upper
107 100
108 91.9 68.2 108.2
77 67.8 26.7 66.7#
79 30.7 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

Tot Ion:136 Resp: 541846

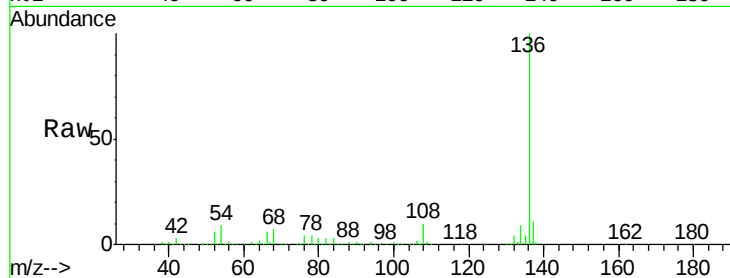
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.5 6.6 9.8

68 6.8 5.0 7.4

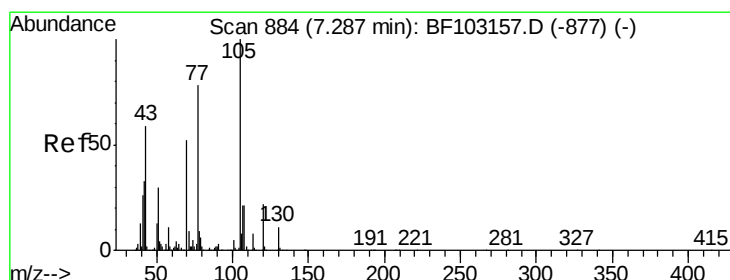
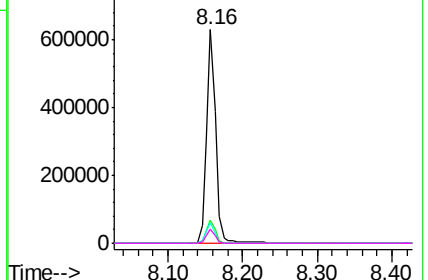
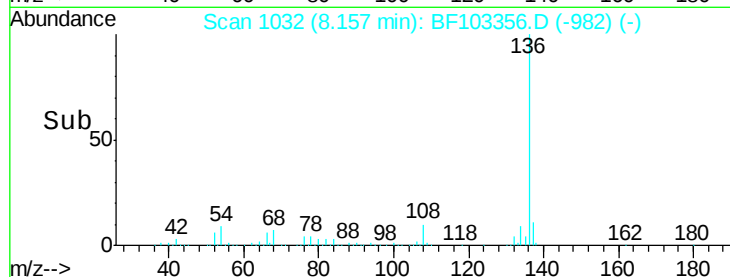


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.350 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Tgt Ion:105 Resp: 80315

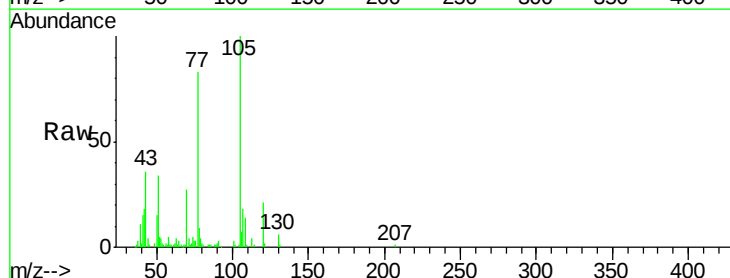
Ion Ratio Lower Upper

105 100

71 4.2 4.4 6.6#

51 34.5 22.3 33.5#

120 20.9 16.9 25.3

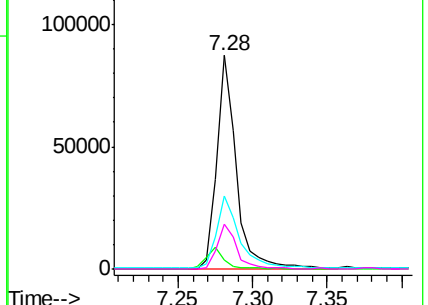
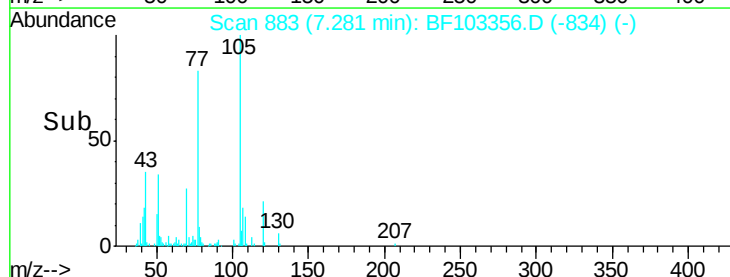


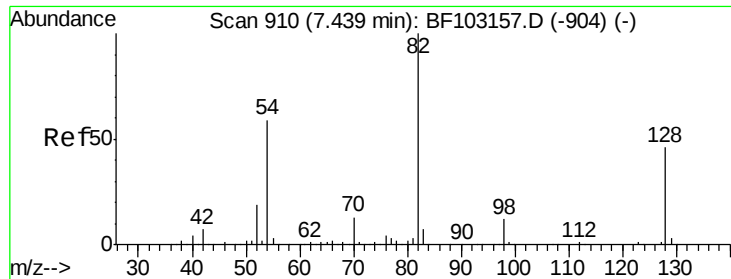
Abundance Ion 105.00 (104.70 to 105.70): E

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

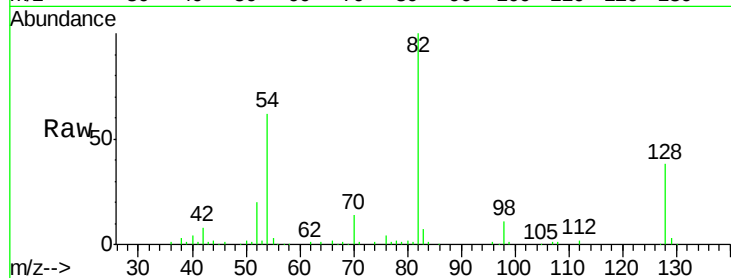




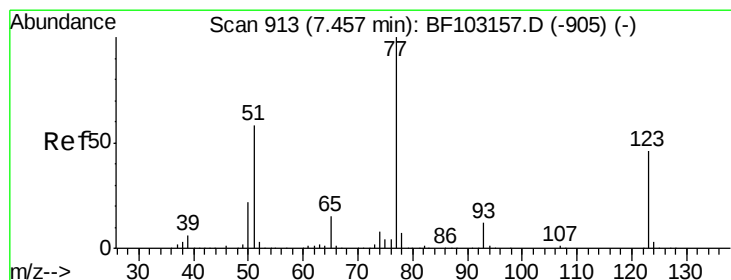
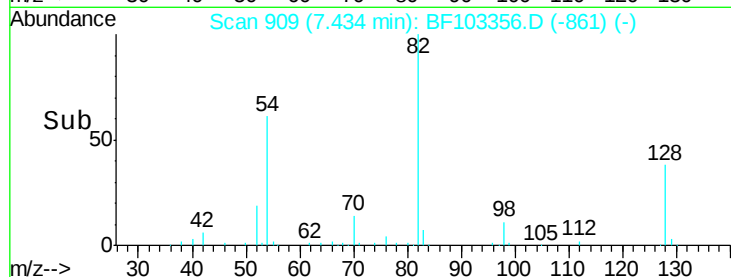
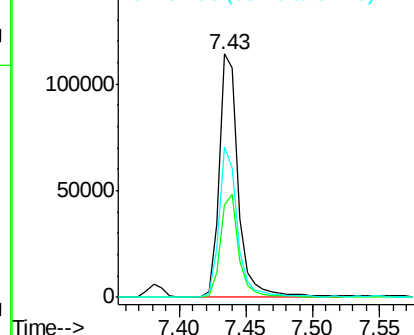
#23
 Nitrobenzene-d5
 Concen: 12.293 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion: 82 Resp: 116639
 Ion Ratio Lower Upper
 82 100
 128 38.1 36.1 54.1
 54 61.6 41.4 62.2

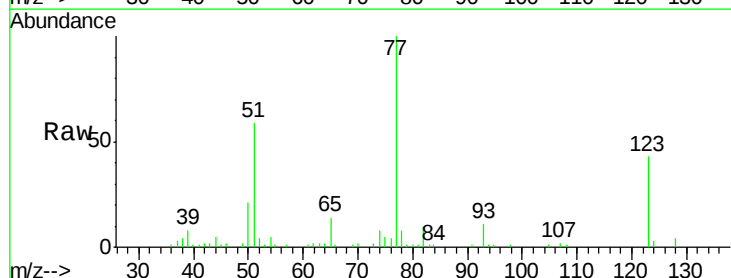


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

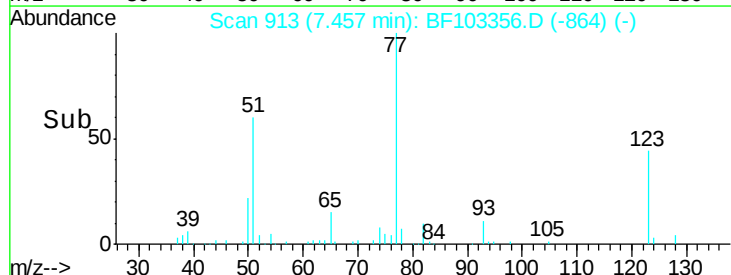
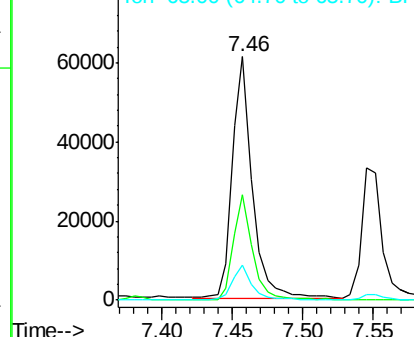


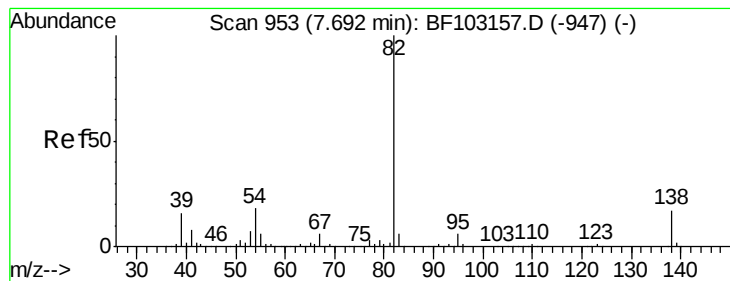
#24
 Nitrobenzene
 Concen: 5.686 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion: 77 Resp: 59394
 Ion Ratio Lower Upper
 77 100
 123 43.1 37.9 56.9
 65 14.3 11.0 16.4



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





#25

Isophorone

Concen: 6.001 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

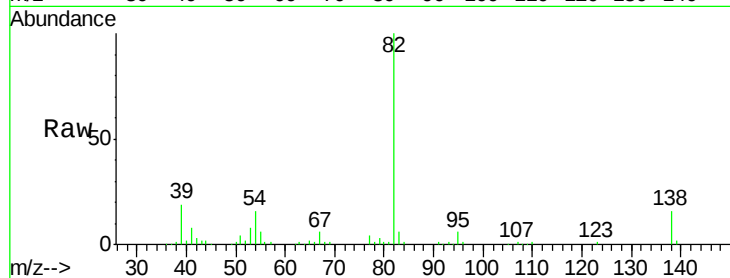
Tot Ion: 82 Resp: 112135

Ion Ratio Lower Upper

82 100

95 6.1 5.2 7.8

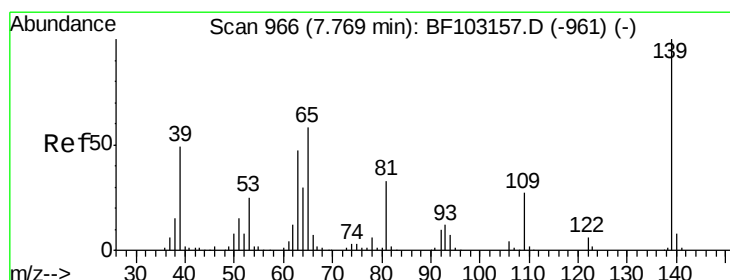
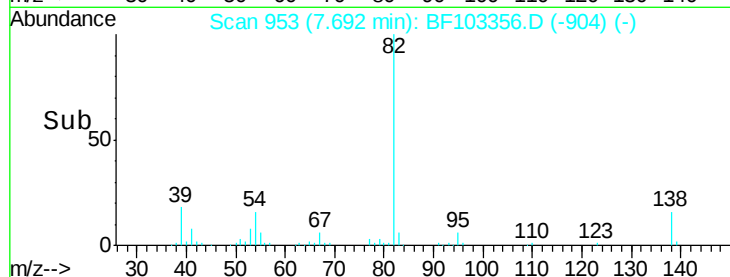
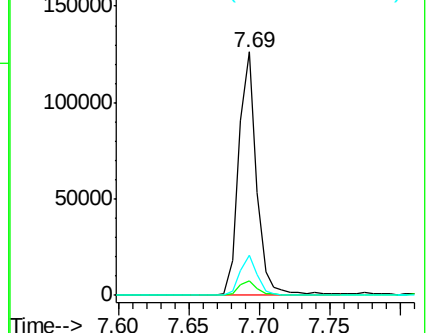
138 16.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 5.223 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

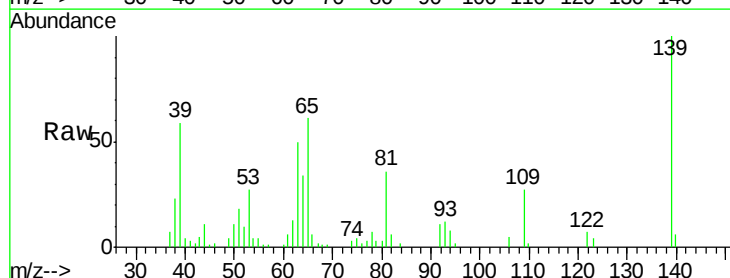
Tgt Ion: 139 Resp: 25685

Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

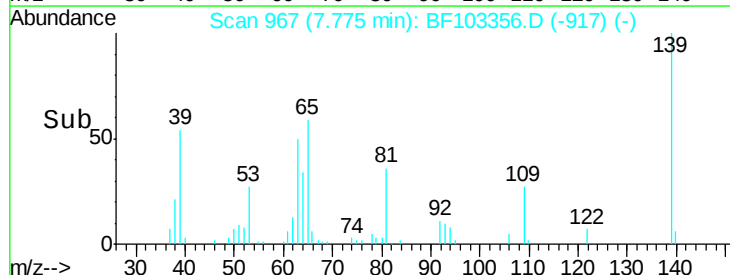
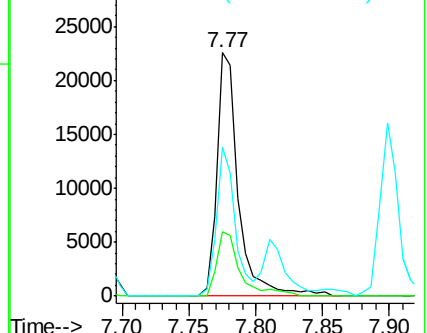
65 61.3 40.5 60.7#

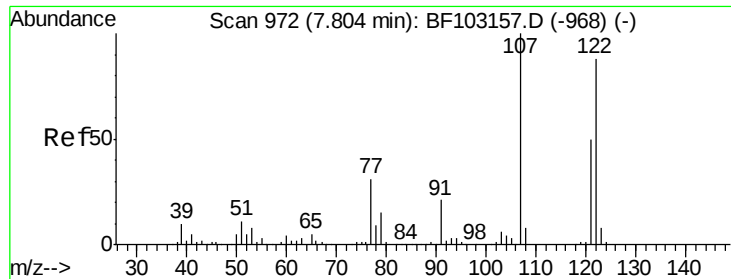


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 6.573 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

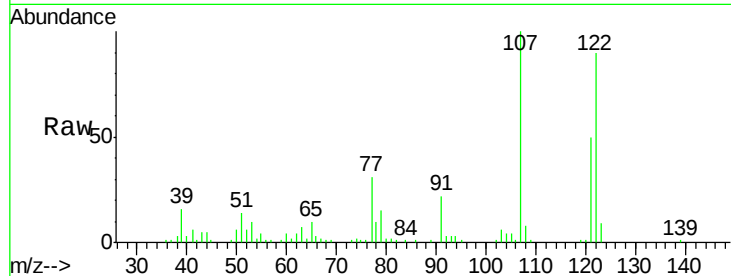
Tot Ion:122 Resp: 49407

Ion Ratio Lower Upper

122 100

107 111.4 91.2 136.8

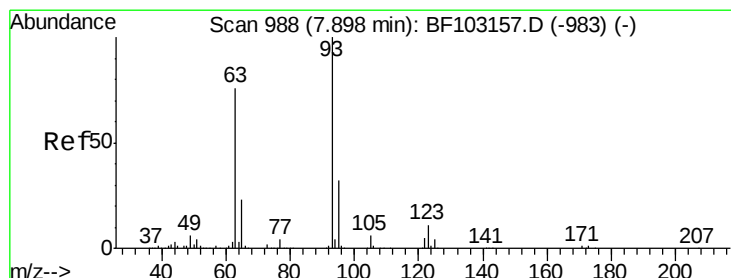
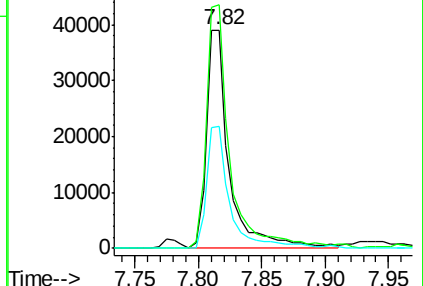
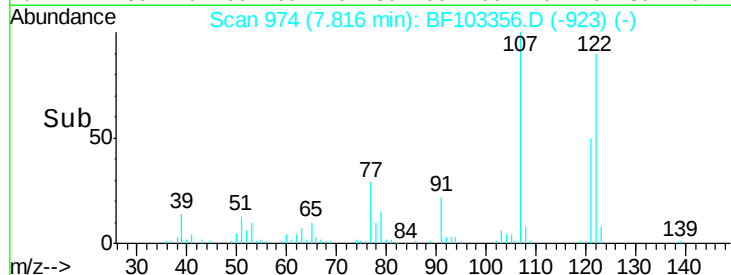
121 55.8 47.2 70.8



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: 6.315 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

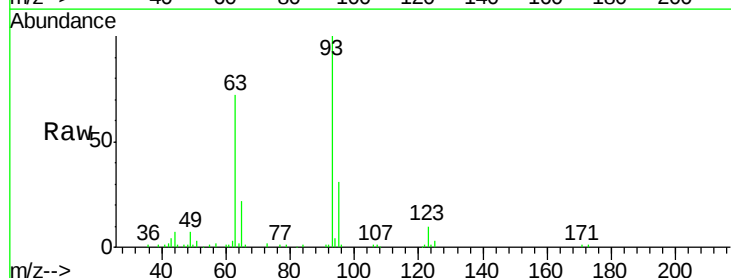
Tgt Ion: 93 Resp: 69377

Ion Ratio Lower Upper

93 100

95 31.5 26.3 39.5

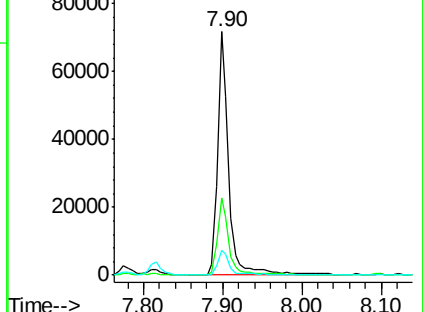
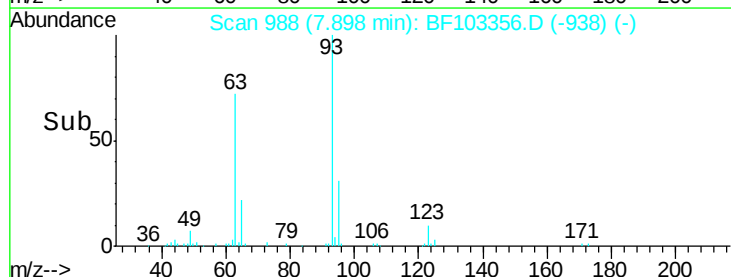
123 10.3 9.8 14.6

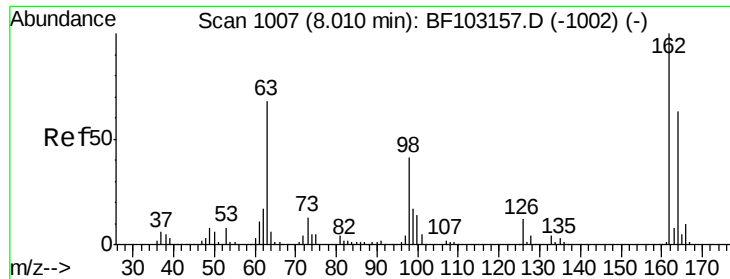


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

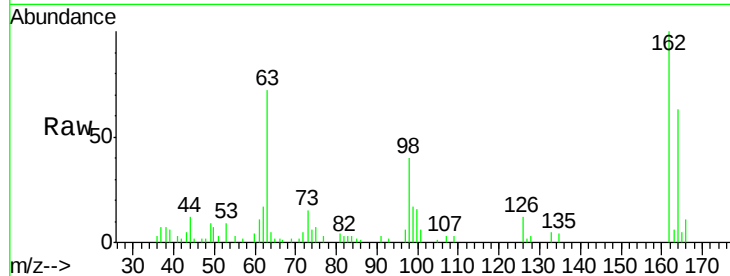




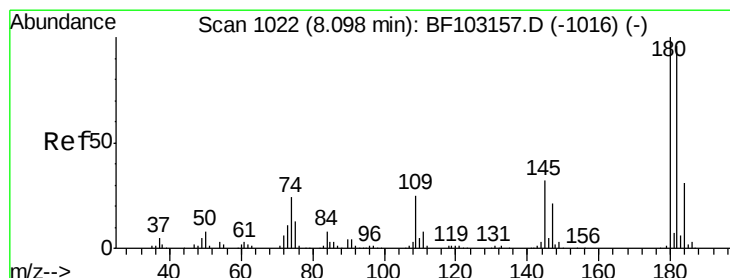
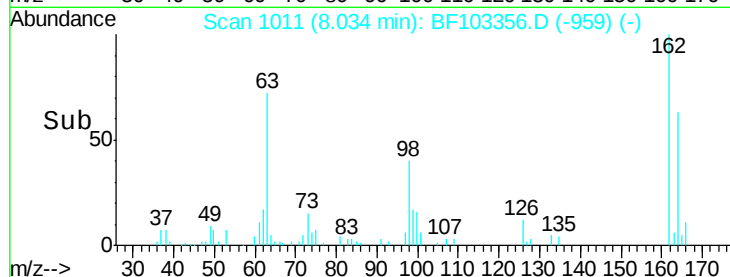
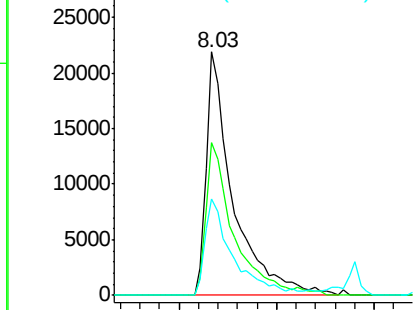
#29
2,4-Dichlorophenol
Concen: 5.805 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:162 Resp: 41779
Ion Ratio Lower Upper
162 100
164 62.7 42.7 82.7
98 39.8 18.1 58.1

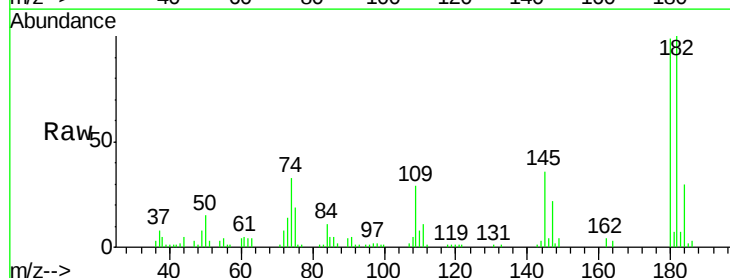


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

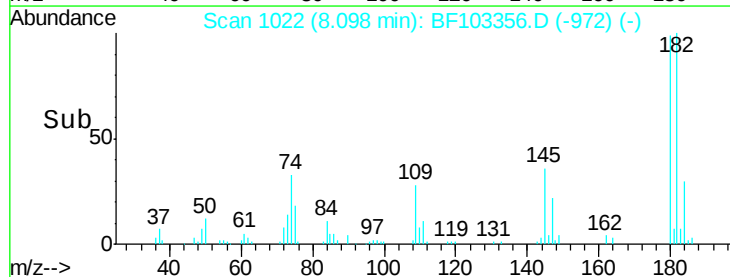
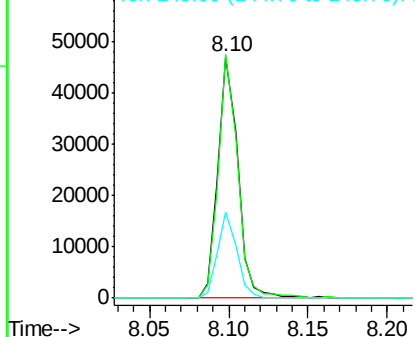


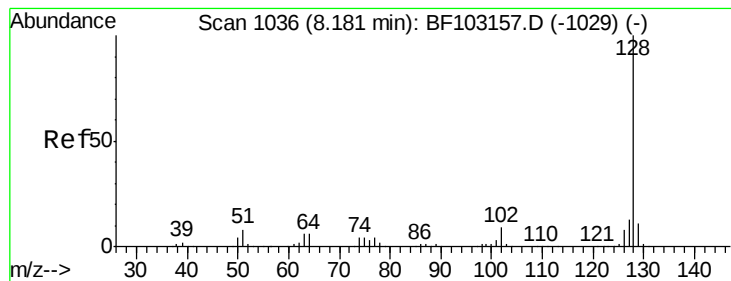
#30
1,2,4-Trichlorobenzene
Concen: 5.419 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:180 Resp: 41531
Ion Ratio Lower Upper
180 100
182 100.8 76.8 115.2
145 35.8 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: 6.021 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

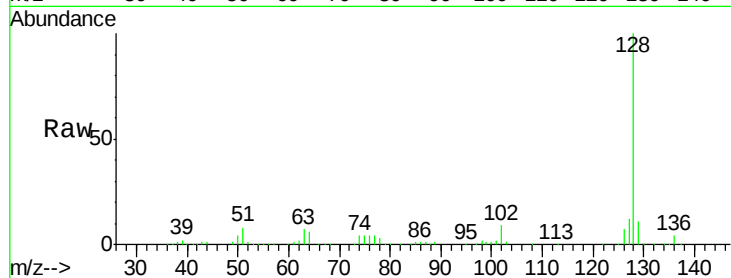
Tot Ion:128 Resp: 159711

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

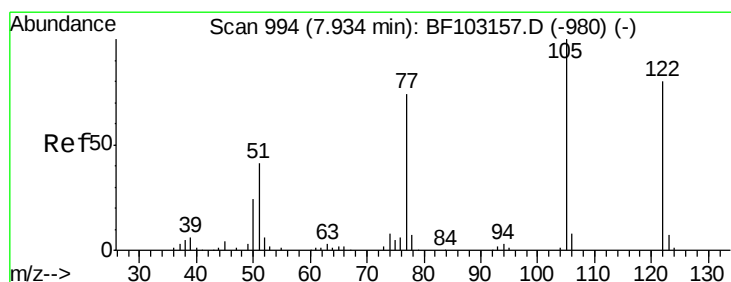
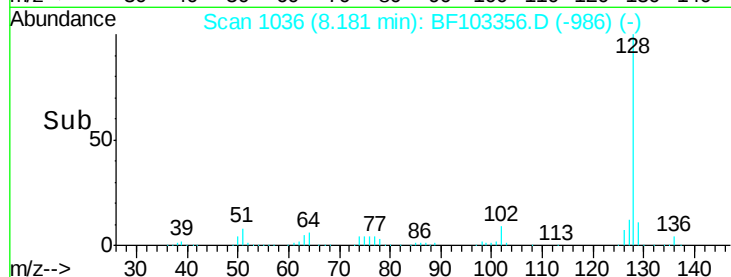
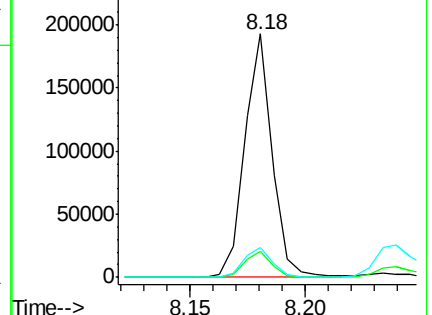
127 12.1 10.9 16.3



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: 7.188 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

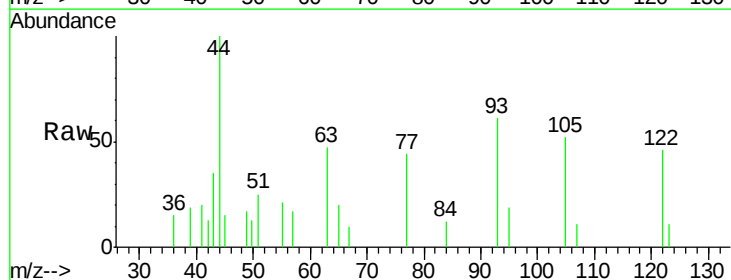
Tgt Ion:122 Resp: 1788

Ion Ratio Lower Upper

122 100

105 114.9 101.1 141.1

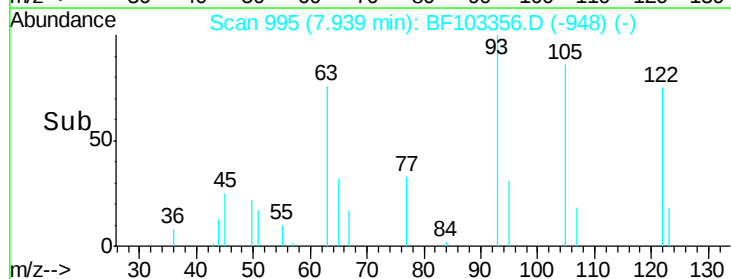
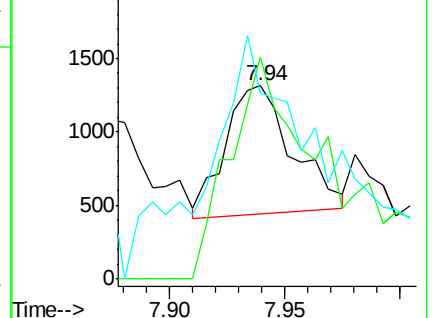
77 96.4 70.7 110.7

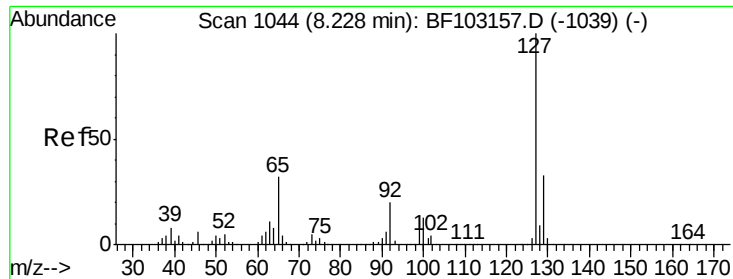


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

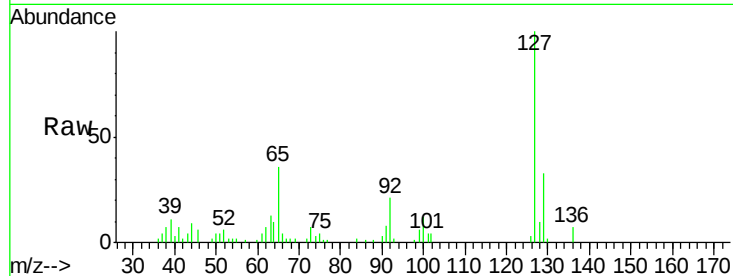




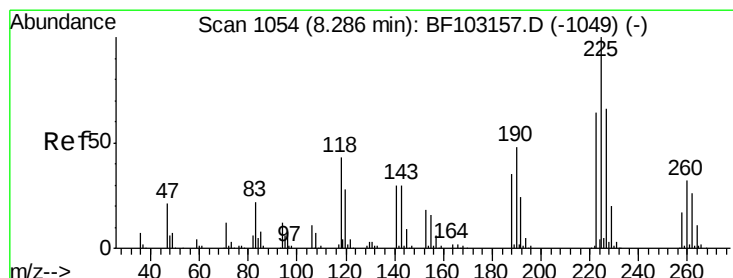
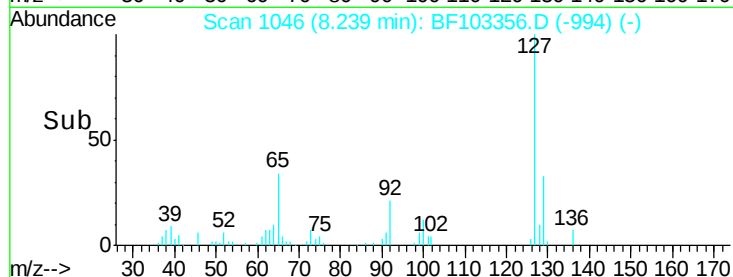
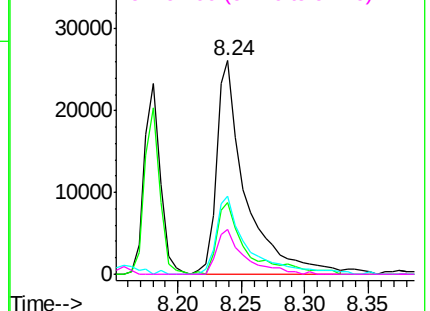
#33
4-Chloroaniline
Concen: 3.660 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:	127	Resp:	41898
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	36.4	25.0	37.4
92	20.9	15.2	22.8

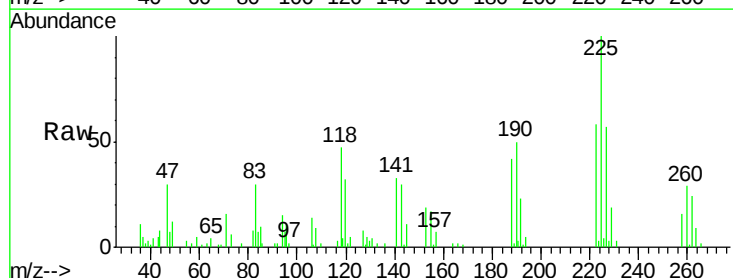


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

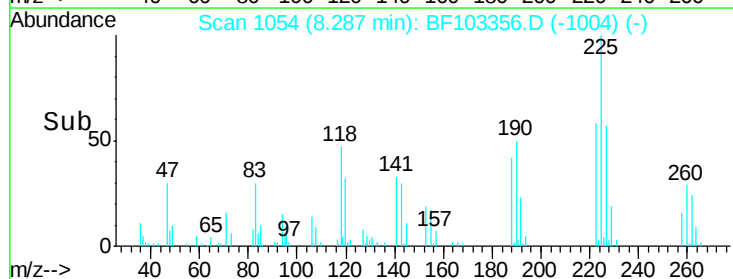
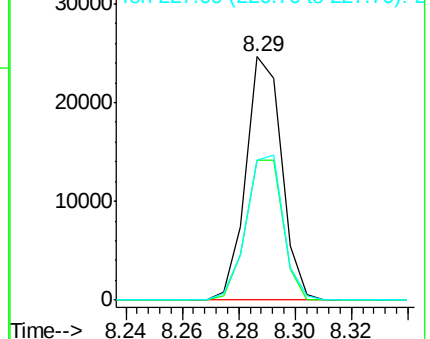


#34
Hexachlorobutadiene
Concen: 5.429 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:	225	Resp:	21667
Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.6	76.0
227	60.1	51.9	77.9



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





#35

Caprolactam

Concen: 5.171 ng

RT: 8.58 min Scan# 1104

Delta R.T. -0.05 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

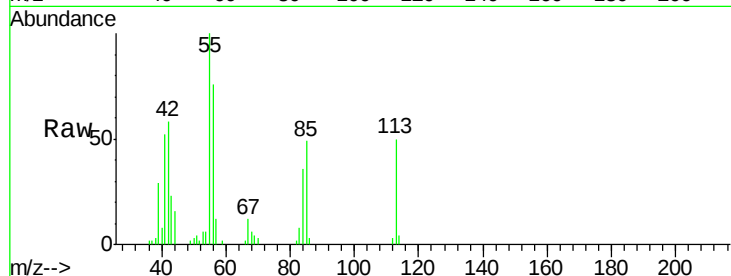
Tot Ion:113 Resp: 13078

Ion Ratio Lower Upper

113 100

55 200.3 163.3 203.3

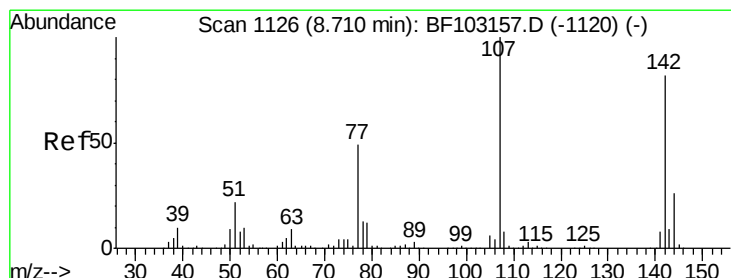
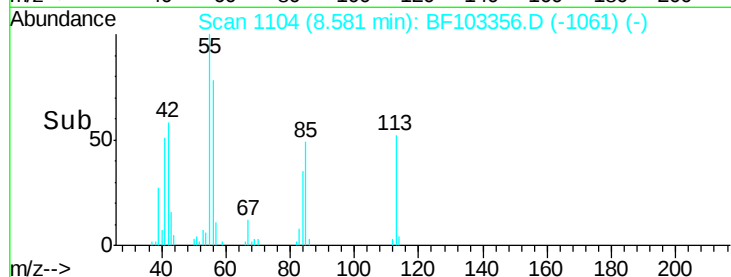
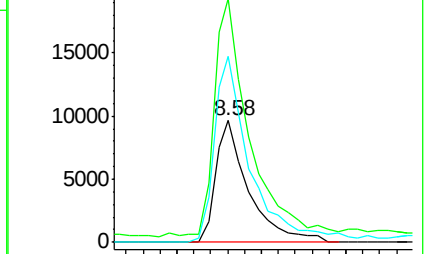
56 153.2 115.7 155.7



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: 6.157 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

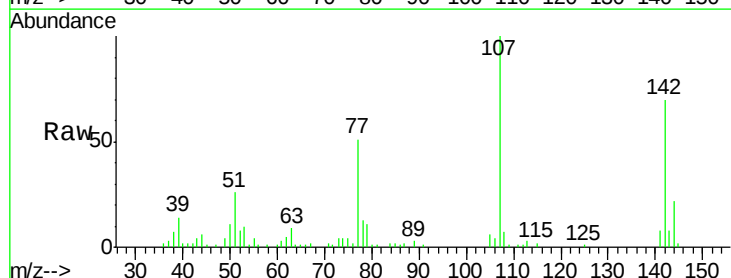
Tgt Ion:107 Resp: 49977

Ion Ratio Lower Upper

107 100

144 22.0 20.5 30.7

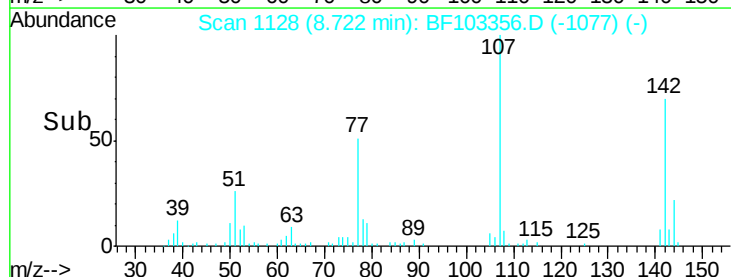
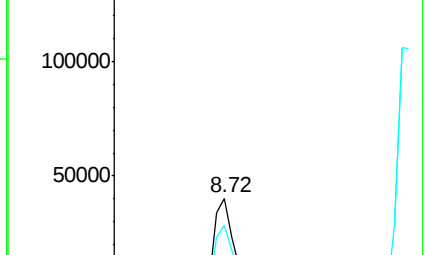
142 70.4 62.0 93.0

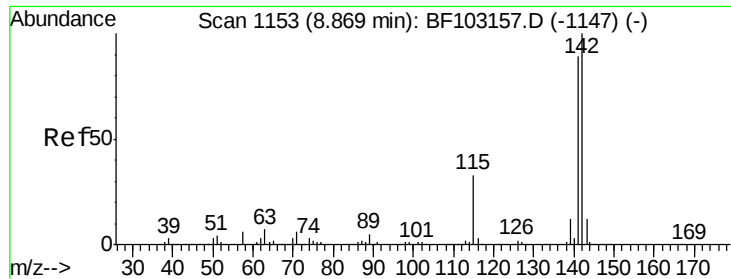


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

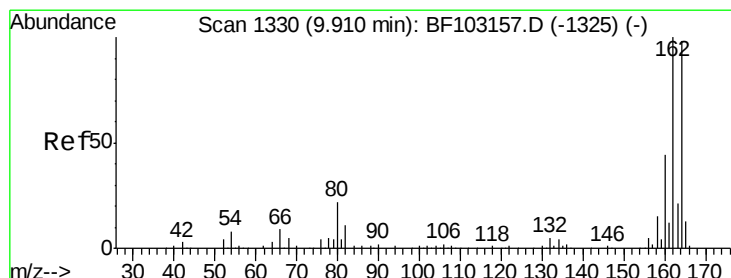
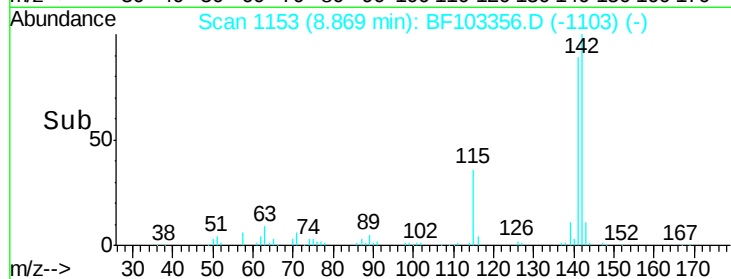
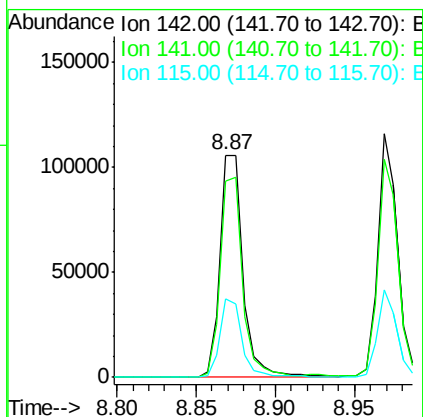
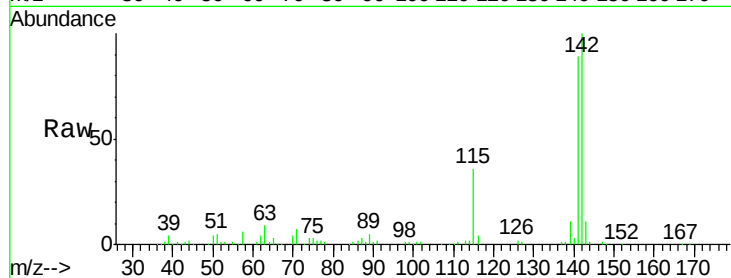




#37
2-Methylnaphthalene
Concen: 6.226 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

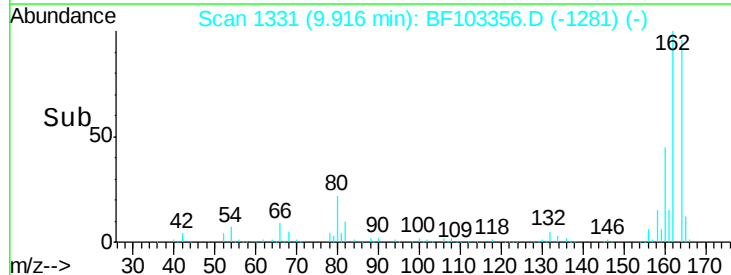
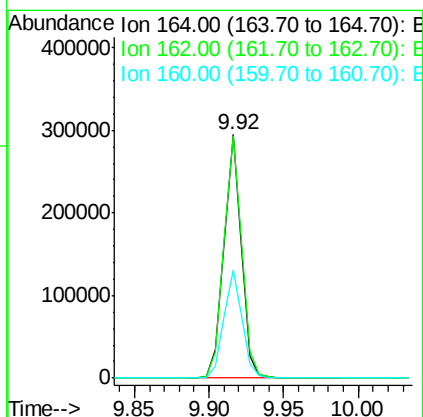
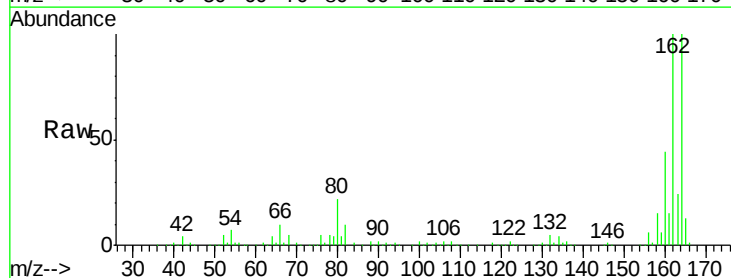
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:142 Resp: 106733
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2
115 35.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:164 Resp: 246581
Ion Ratio Lower Upper
164 100
162 99.6 86.1 129.1
160 44.4 38.3 57.5

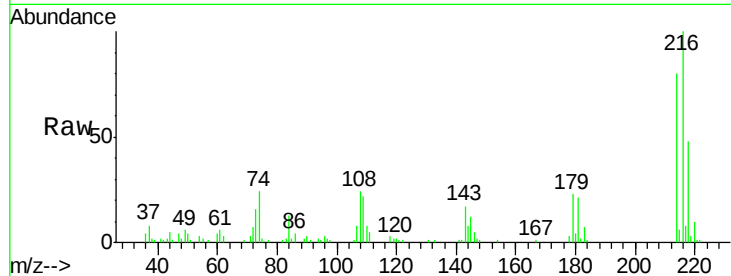




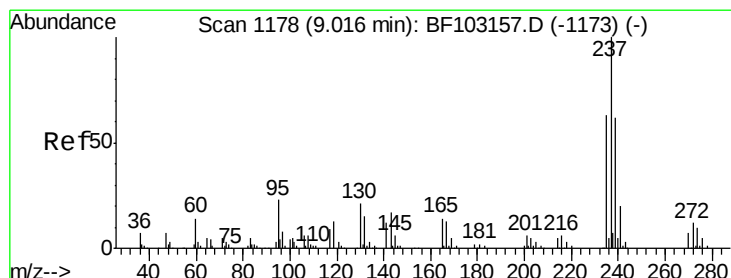
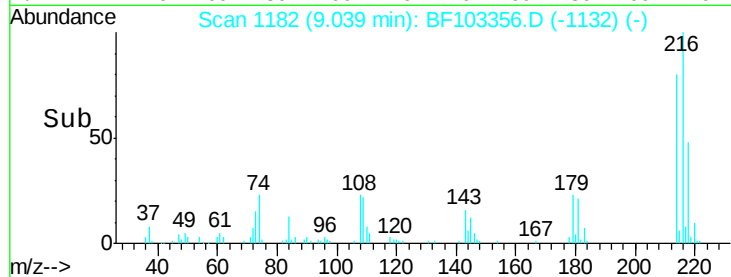
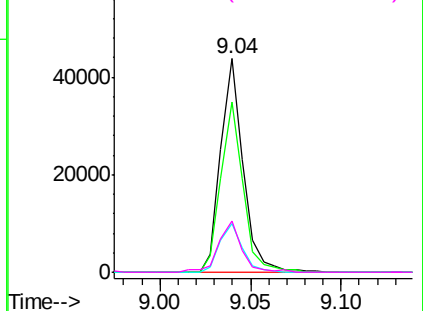
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.625 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion:216	Resp:	37916
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.0 94.4
179	22.8	18.1 27.1
108	24.4	17.2 25.8

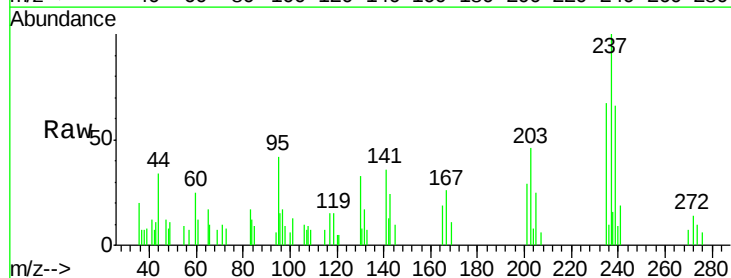


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

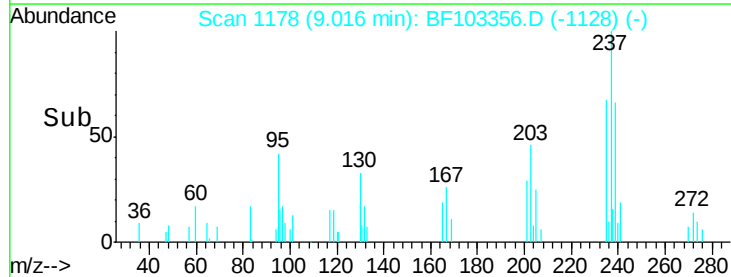
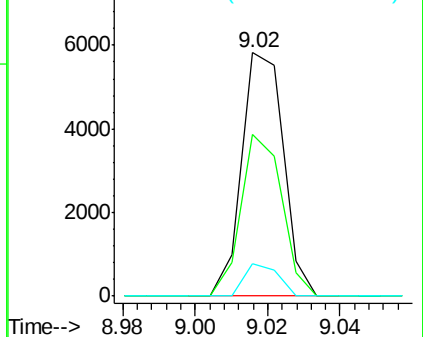


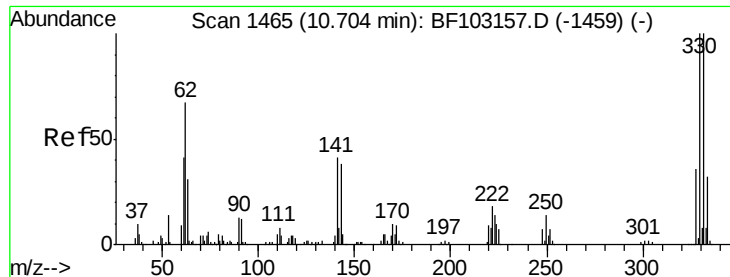
#40
 Hexachlorocyclopentadiene
 Concen: 10.617 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion:237	Resp:	4637
Ion Ratio	Lower	Upper
237	100	
235	66.6	44.8 84.8
272	13.5	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

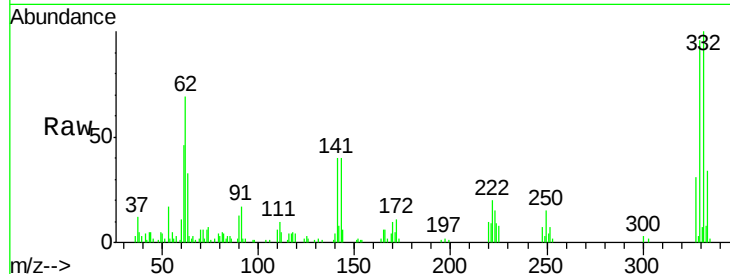




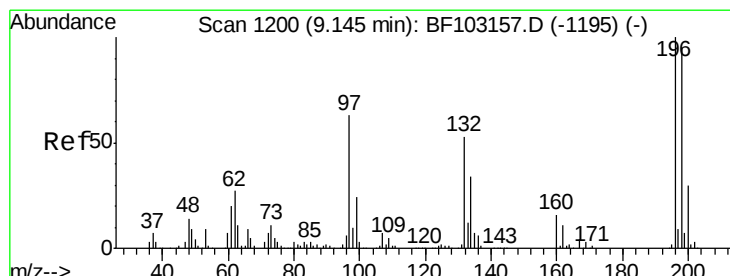
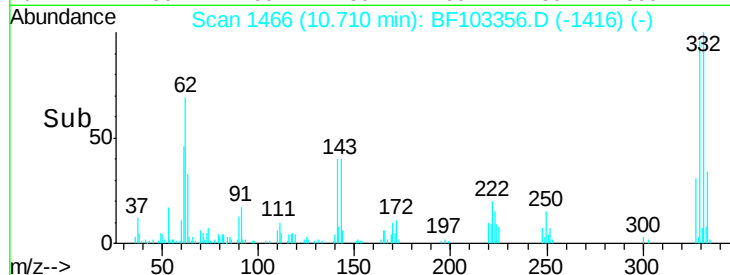
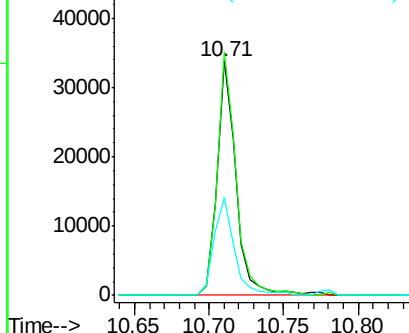
#41
 2,4,6-Tribromophenol
 Concen: 14.447 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion:330 Resp: 30154
 Ion Ratio Lower Upper
 330 100
 332 102.3 77.0 115.6
 141 44.1 29.9 44.9

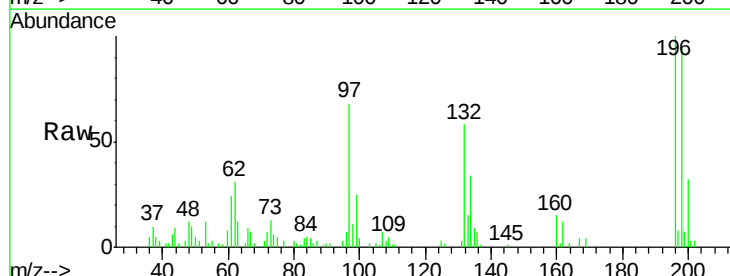


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

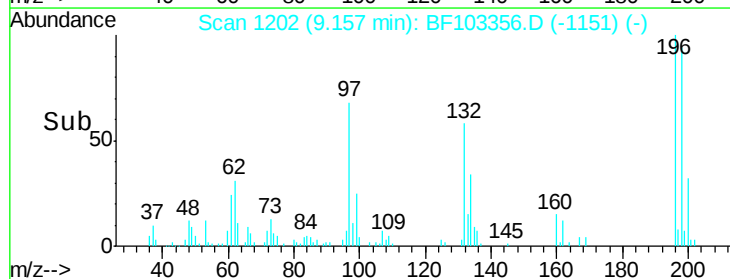
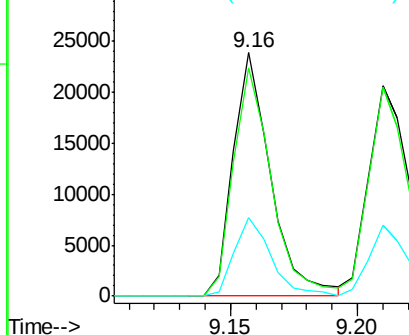


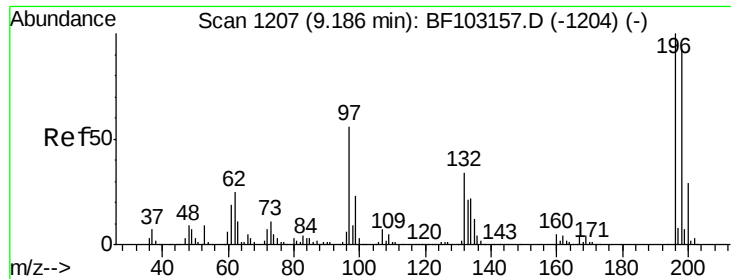
#42
 2,4,6-Trichlorophenol
 Concen: 5.404 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion:196 Resp: 24514
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 200 32.1 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

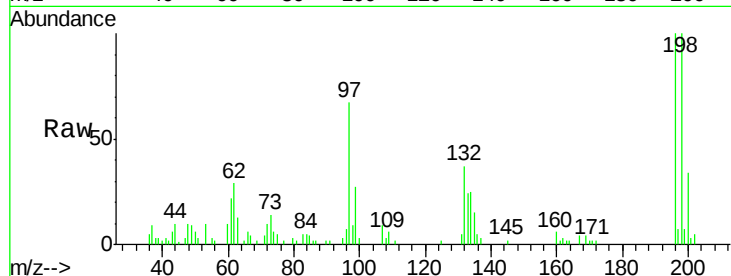




#43
 2,4,5-Trichlorophenol
 Concen: 5.330 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

Tot Ion	196	198	Resp	27805
Ion Ratio	100	99.5	74.6	112.0
Lower		42.9	64.3	
Upper		67.0	39.5	



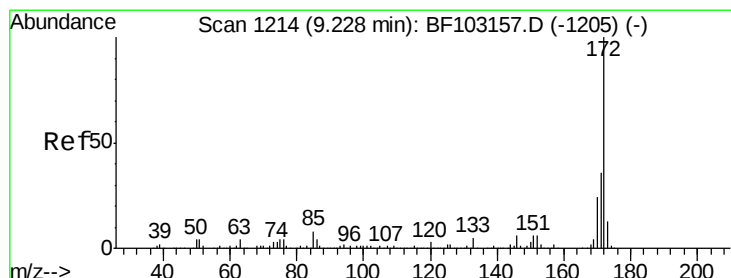
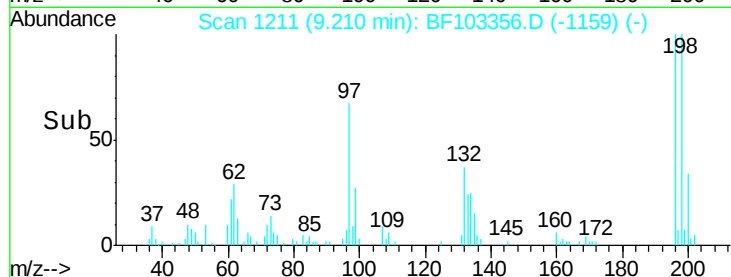
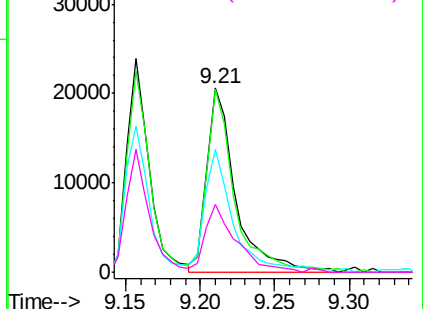
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

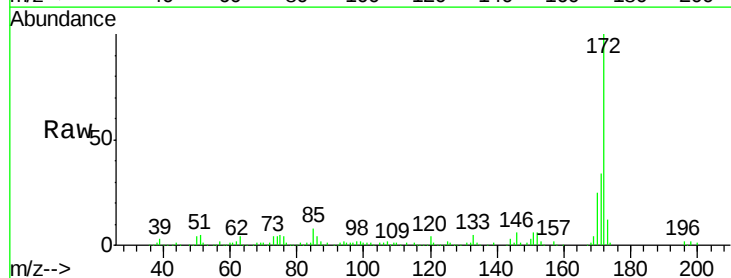
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 9.801 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion	172	Resp	205426
Ion Ratio	100	34.4	44.5
Lower		29.7	29.4
Upper		24.6	

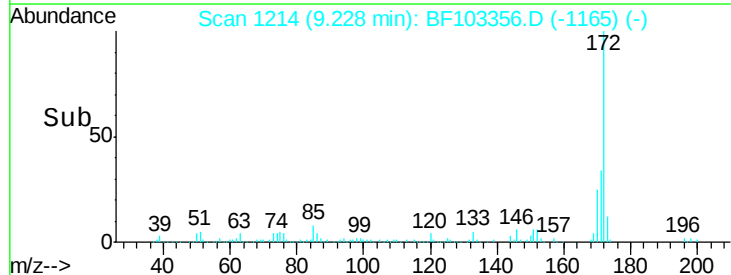
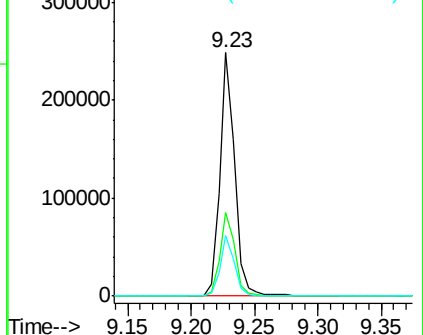


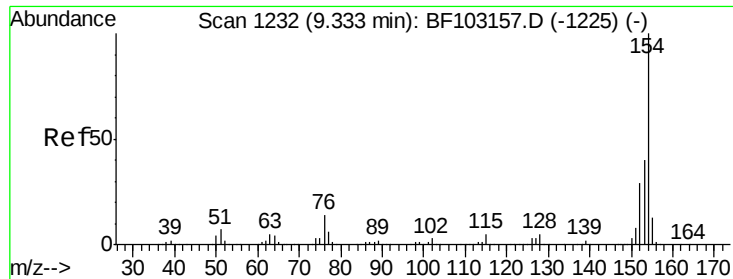
Abundance

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: 5.934 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

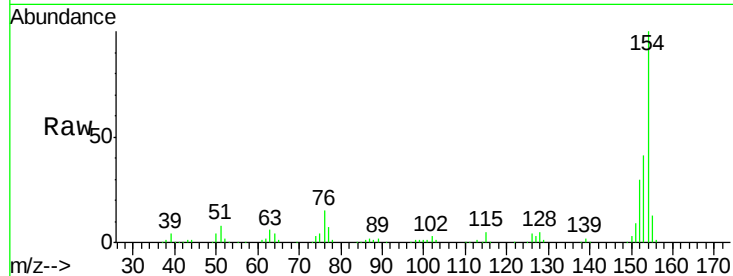
Tot Ion:154 Resp: 122615

Ion Ratio Lower Upper

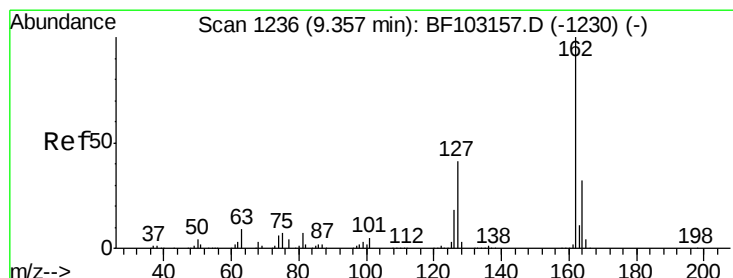
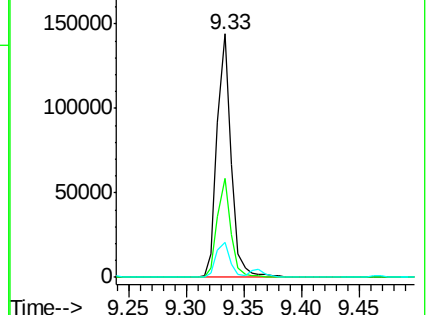
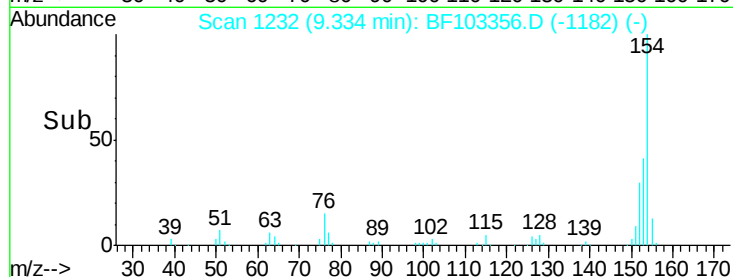
154 100

153 40.8 21.3 61.3

76 14.6 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: 5.662 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

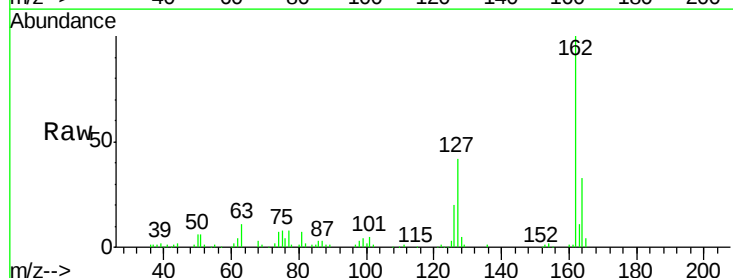
Tgt Ion:162 Resp: 92550

Ion Ratio Lower Upper

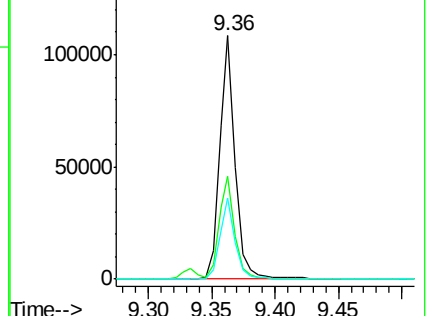
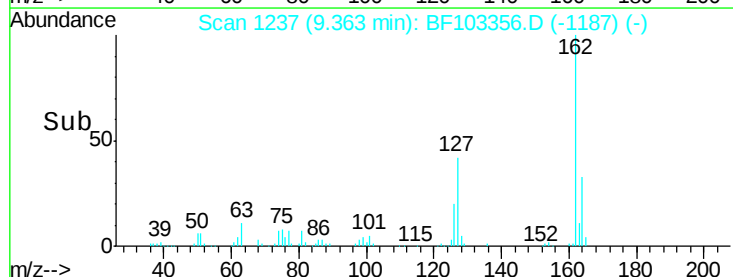
162 100

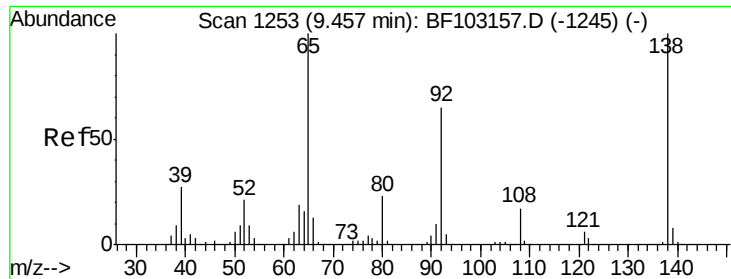
127 42.1 33.9 50.9

164 33.3 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

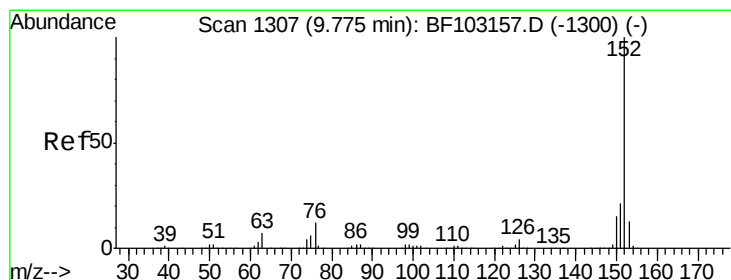
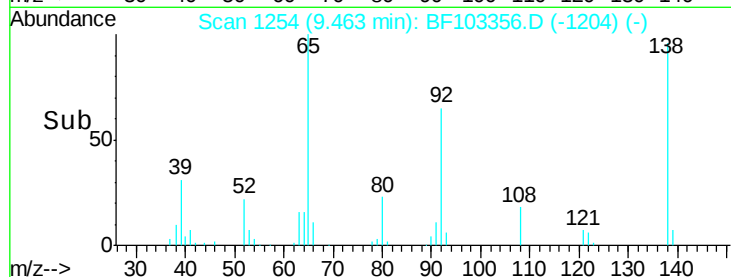
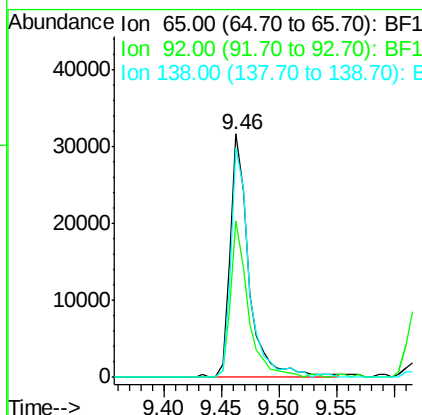
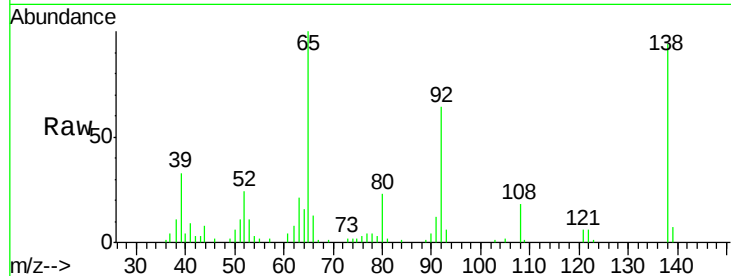




#47
 2-Nitroaniline
 Concen: 5.879 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

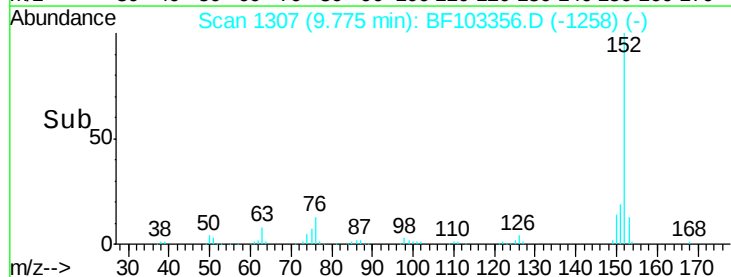
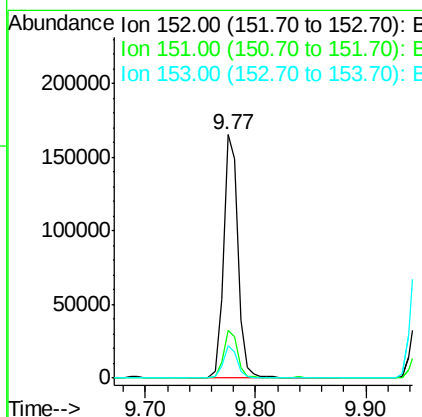
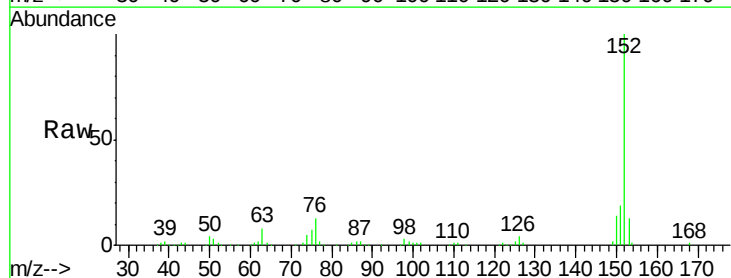
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

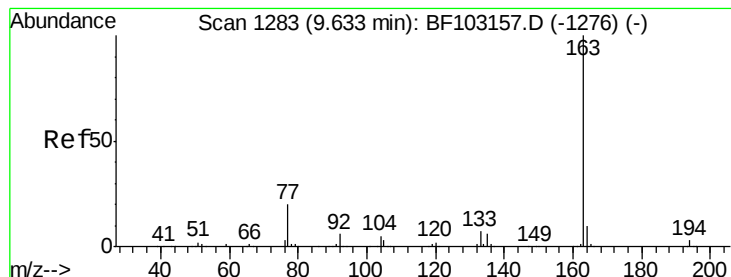
Tot Ion:	65	Resp:	35599
Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.8	83.6
138	94.4	91.2	136.8



#48
 Acenaphthylene
 Concen: 6.032 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion:	152	Resp:	151702
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	13.2	10.7	16.1





#49

Dimethylphthalate

Concen: 5.574 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

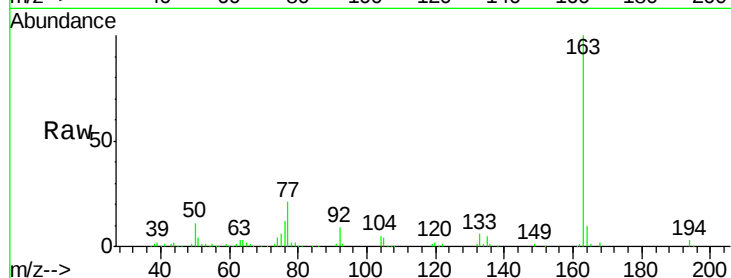
Tot Ion:163 Resp: 110255

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

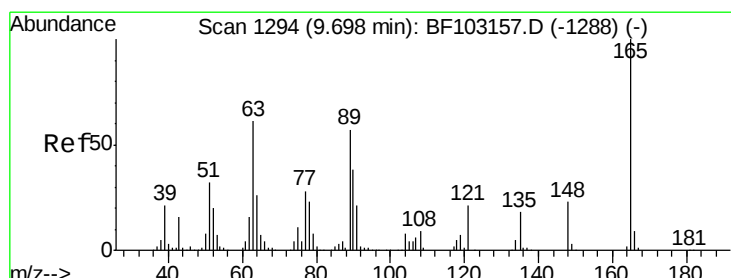
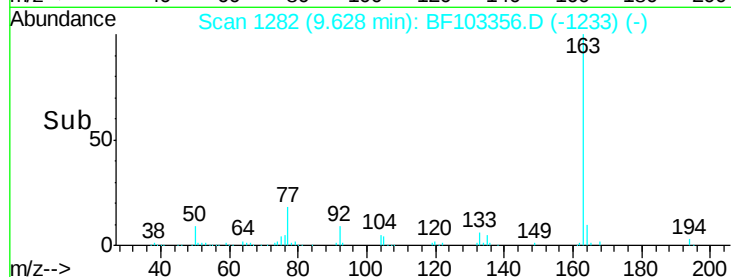
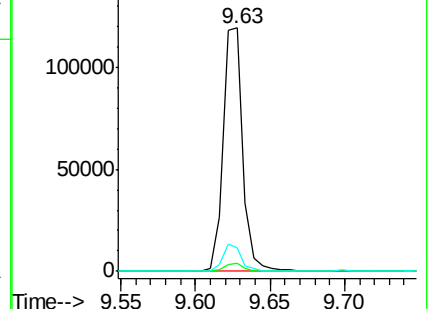
164 9.9 8.2 12.2



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: 5.388 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

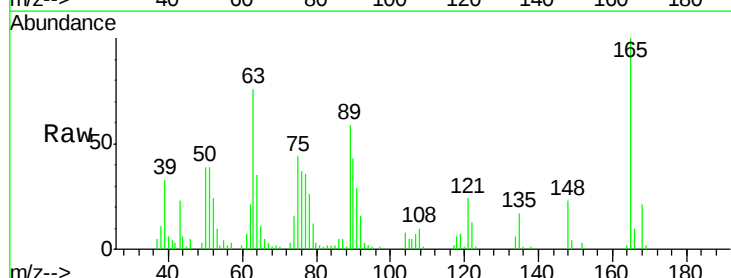
Tgt Ion:165 Resp: 22367

Ion Ratio Lower Upper

165 100

63 75.9 44.7 67.1#

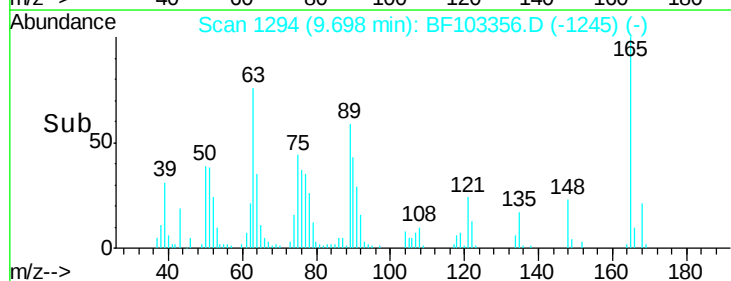
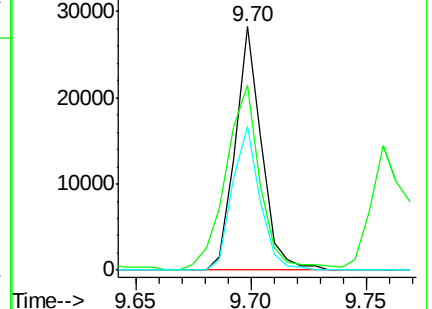
89 59.1 44.0 66.0

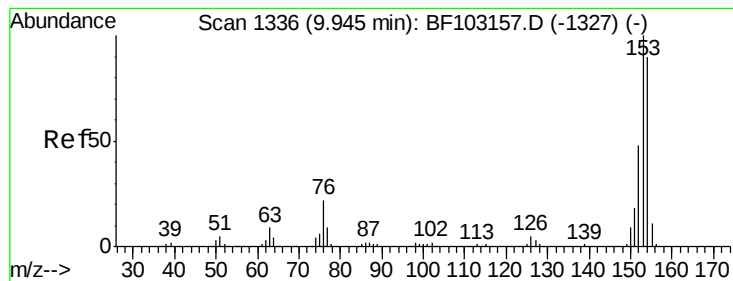


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 5.916 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

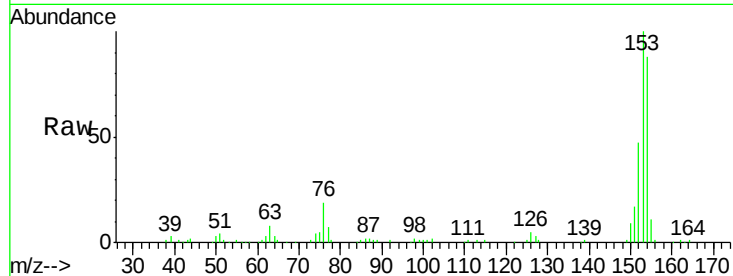
Tot Ion:154 Resp: 86757

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

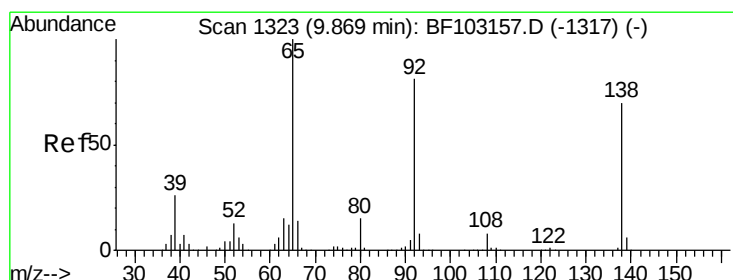
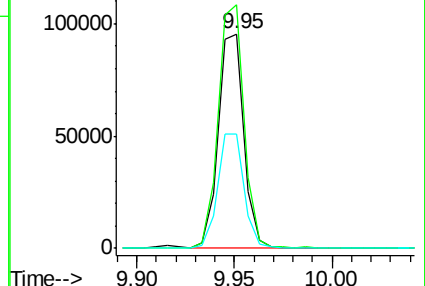
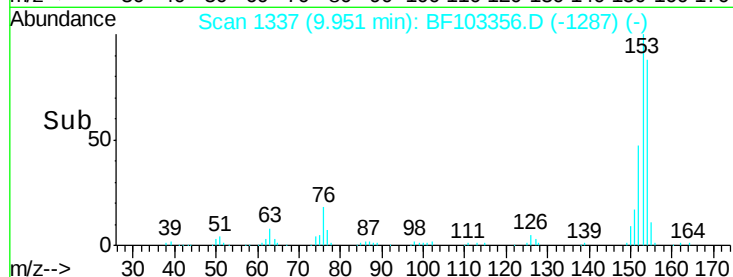
152 53.5 43.8 65.8



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: 4.603 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

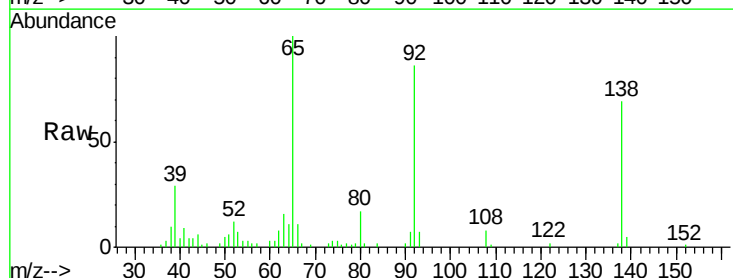
Tgt Ion:138 Resp: 24244

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

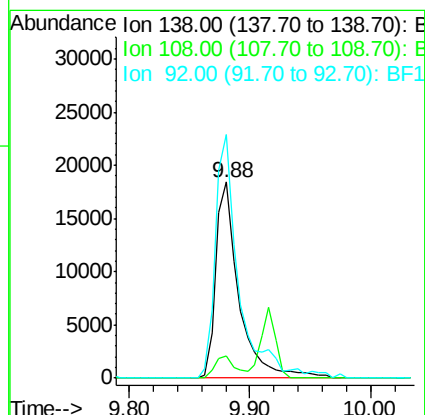
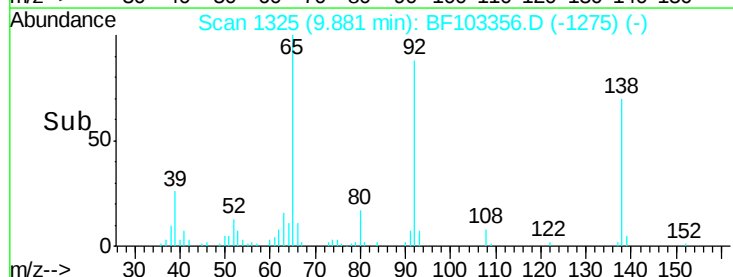
92 124.4 89.4 134.2

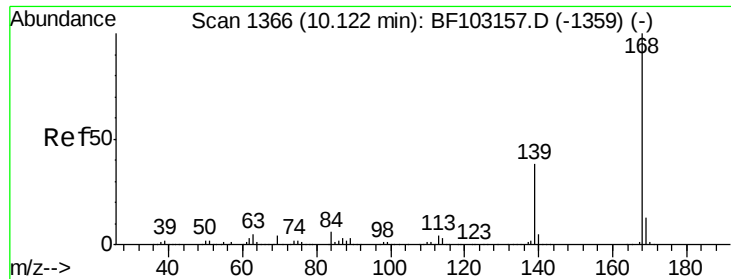


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#54

Dibenzenofuran

Concen: 6.508 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

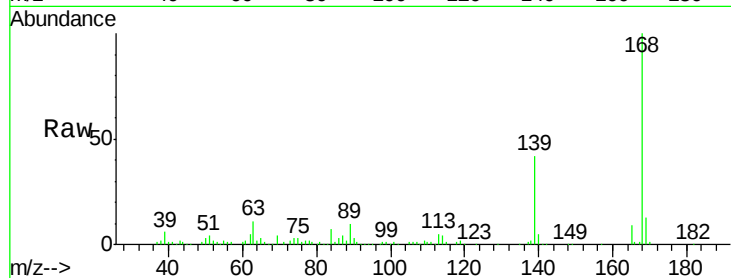
Tot Ion:168 Resp: 131021

Ion Ratio Lower Upper

168 100

139 42.3 30.1 45.1

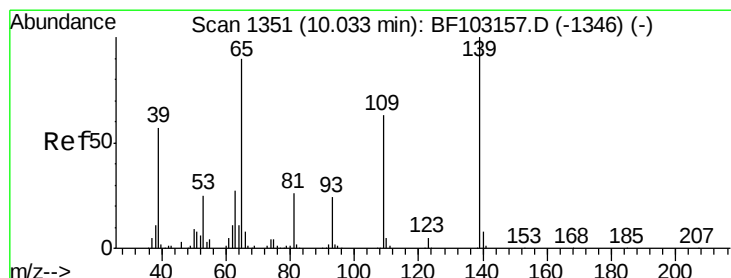
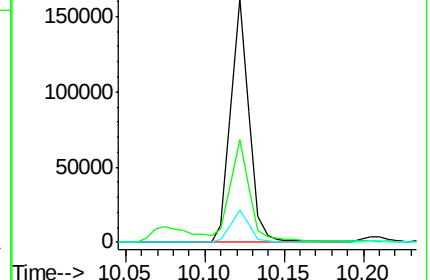
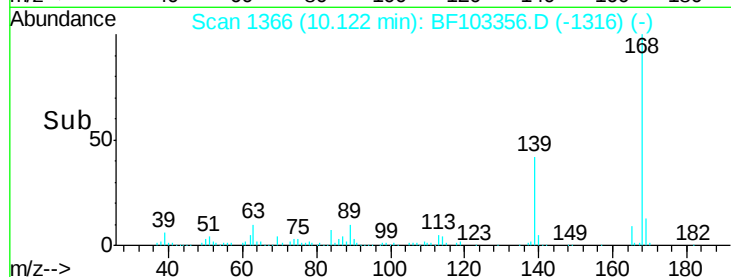
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.983 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

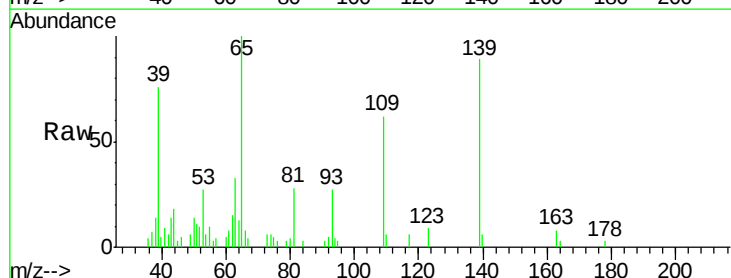
Tgt Ion:139 Resp: 19528

Ion Ratio Lower Upper

139 100

109 69.7 48.4 88.4

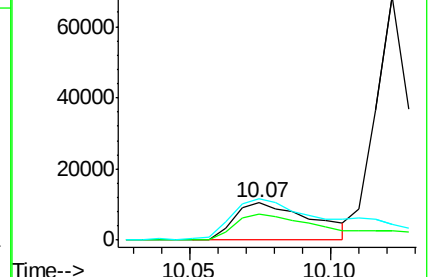
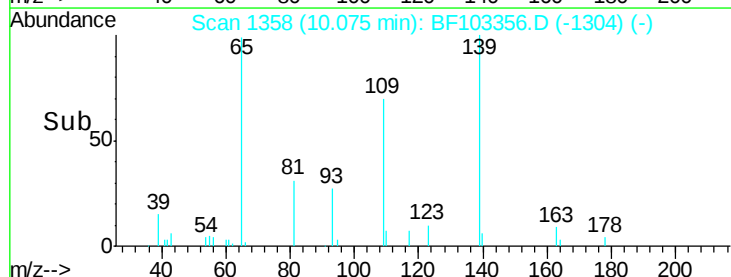
65 112.1 72.6 112.6

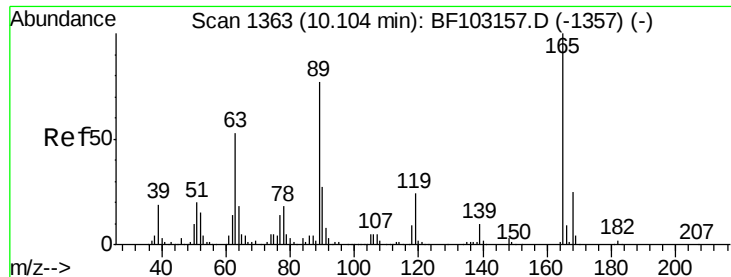


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

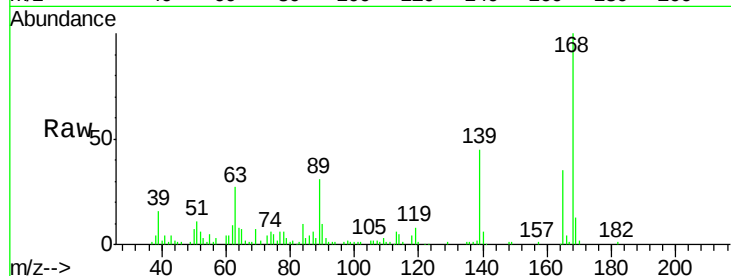




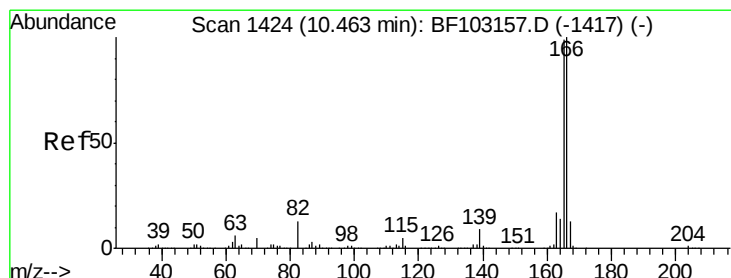
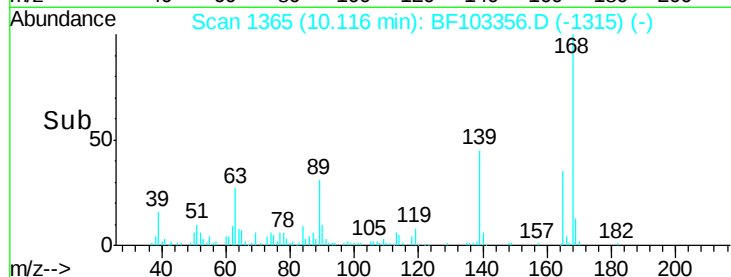
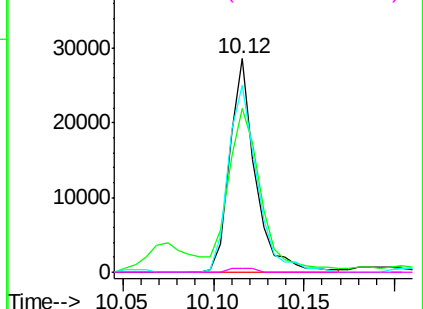
#56
2,4-Dinitrotoluene
Concen: 5.374 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:165 Resp: 28213
Ion Ratio Lower Upper
165 100
63 76.9 36.4 54.6#
89 87.3 57.8 86.6#
182 1.7 1.6 2.4

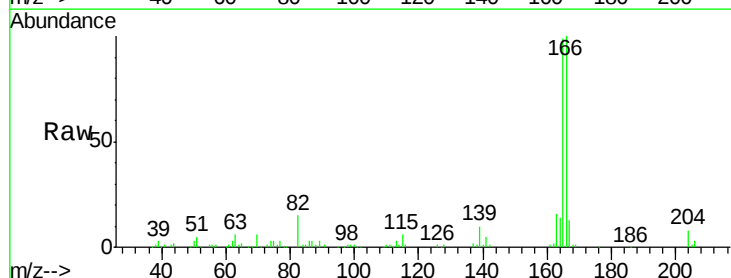


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

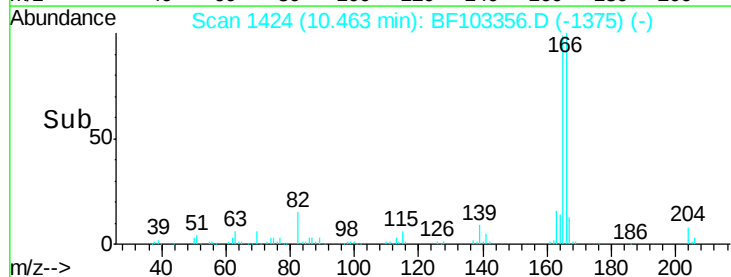
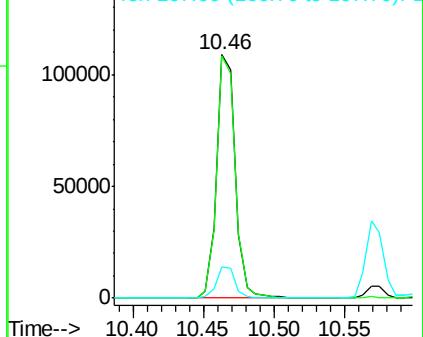


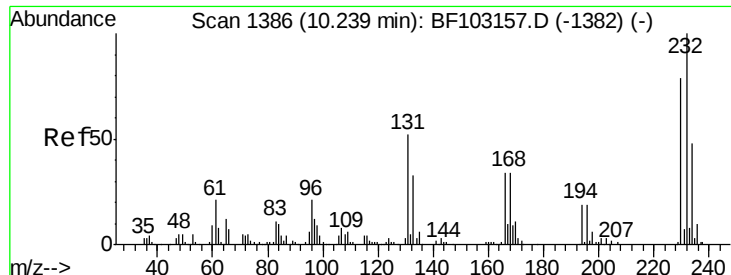
#57
Fluorene
Concen: 5.846 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:166 Resp: 100258
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.8
167 13.0 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: 4.613 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

Tot Ion:232 Resp: 16166

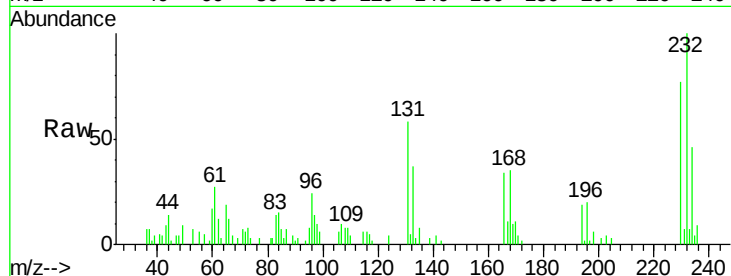
Ion Ratio Lower Upper

232 100

131 62.9 43.8 65.8

130 0.7 2.1 3.1#

166 39.3 27.8 41.6

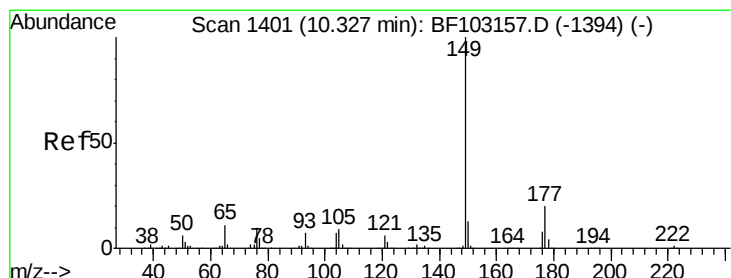
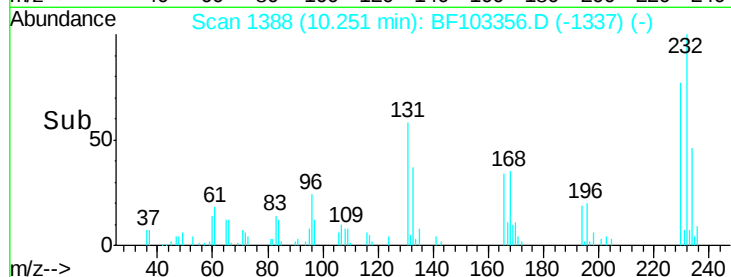
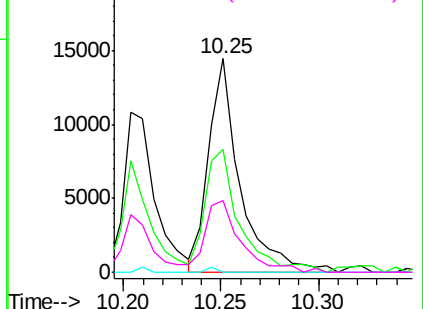


Abundance Ion 232.00 (231.70 to 232.70): E

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: 6.281 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

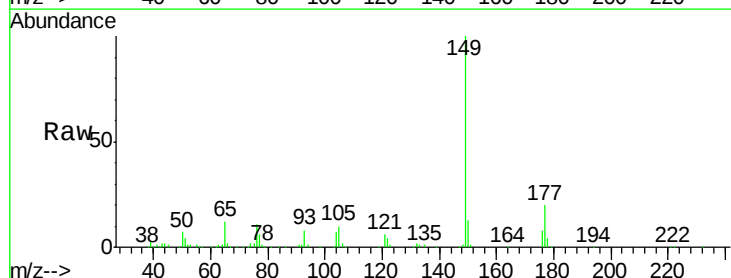
Tgt Ion:149 Resp: 118834

Ion Ratio Lower Upper

149 100

177 19.7 16.1 24.1

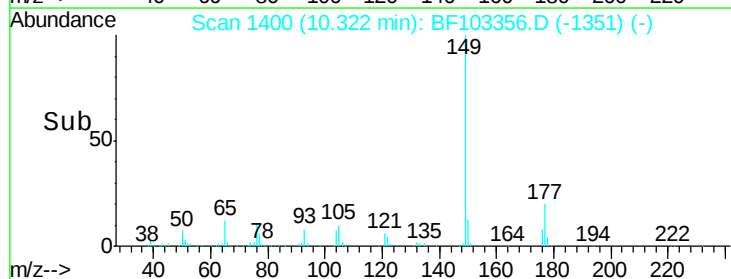
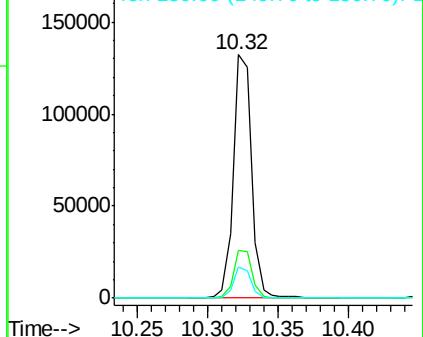
150 12.6 10.1 15.1

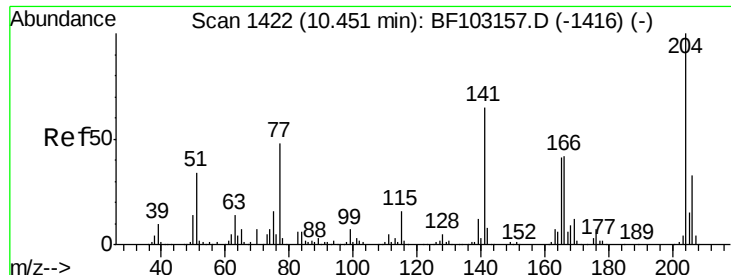


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

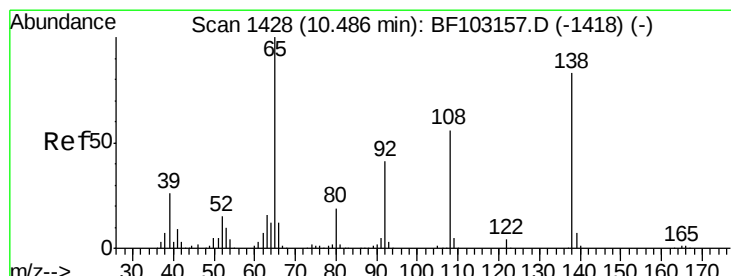
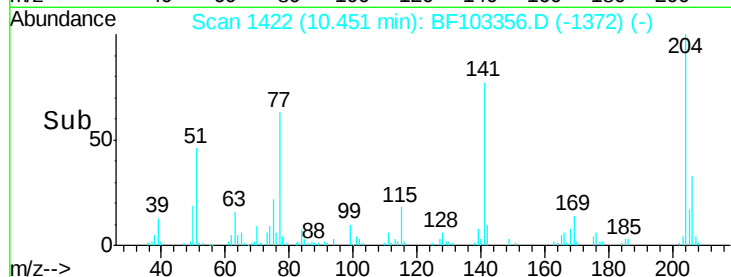
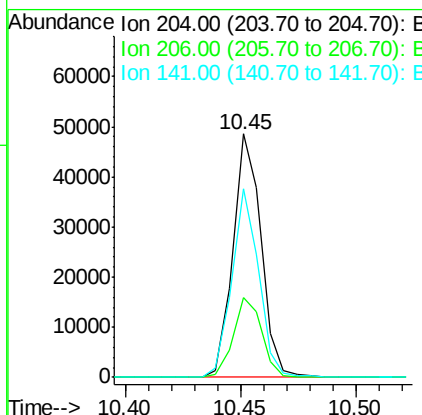
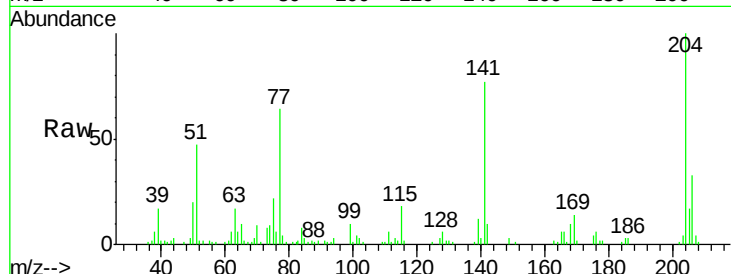




#60
4-Chlorophenyl-phenylether
Concen: 5.662 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

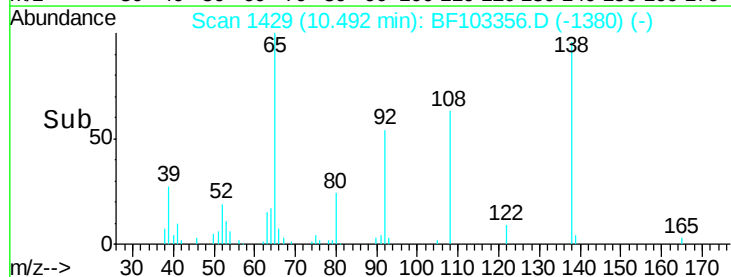
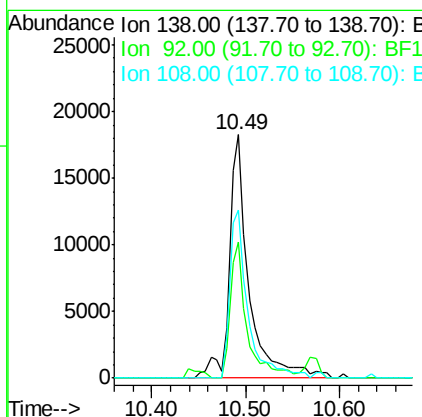
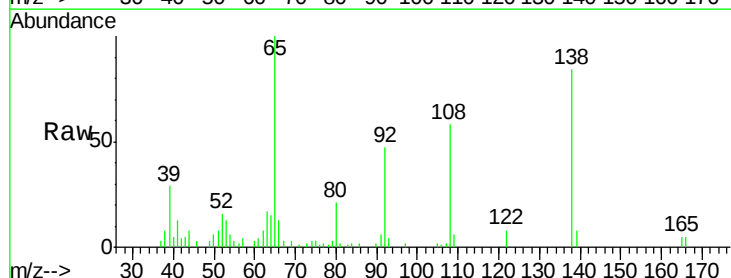
Instrument :
BNA_F
ClientSampleId :
PB106993BS

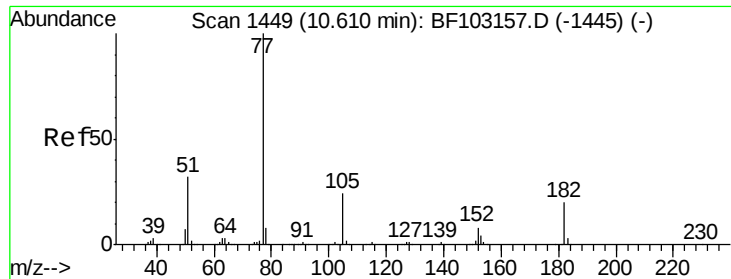
Tot Ion:204 Resp: 41176
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 77.5 54.6 81.8



#61
4-Nitroaniline
Concen: 5.013 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:138 Resp: 26372
Ion Ratio Lower Upper
138 100
92 56.0 30.2 70.2
108 68.9 52.5 92.5

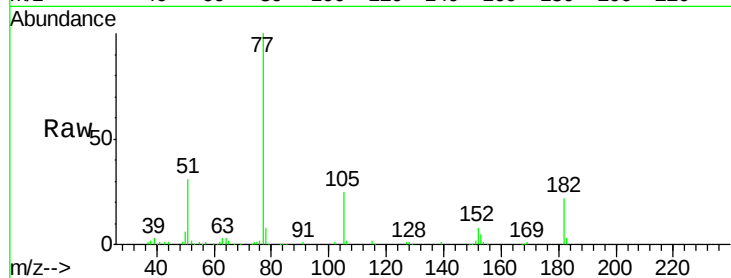




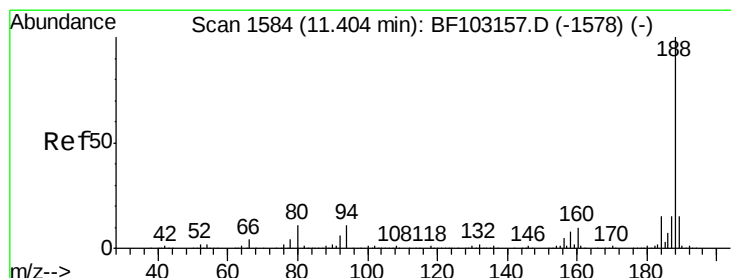
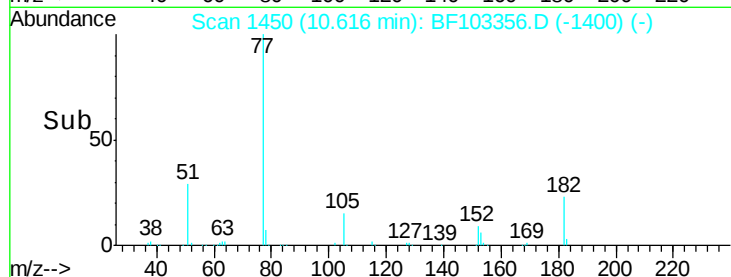
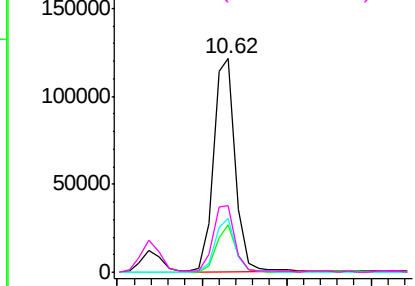
#62
Azobenzene
Concen: 5.667 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion: 77 Resp: 109130
Ion Ratio Lower Upper
77 100
182 21.9 1.7 41.7
105 25.1 3.0 43.0
51 31.3 9.9 49.9

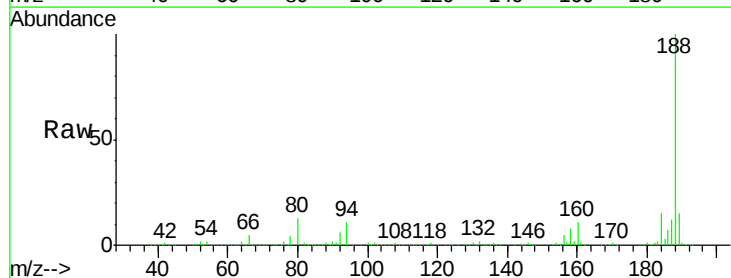


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

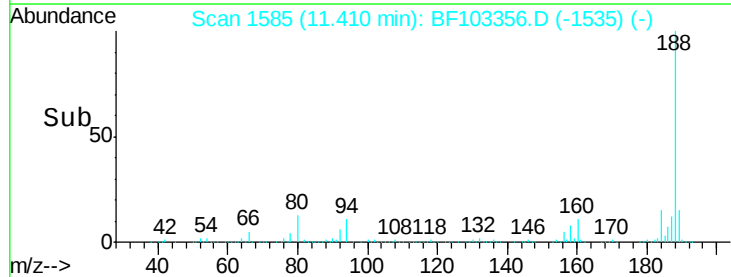
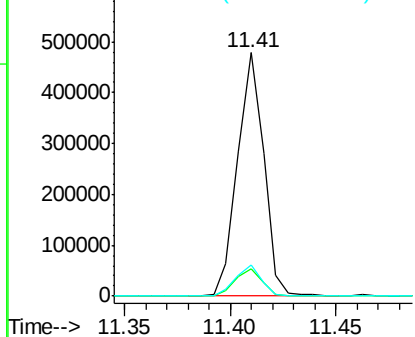


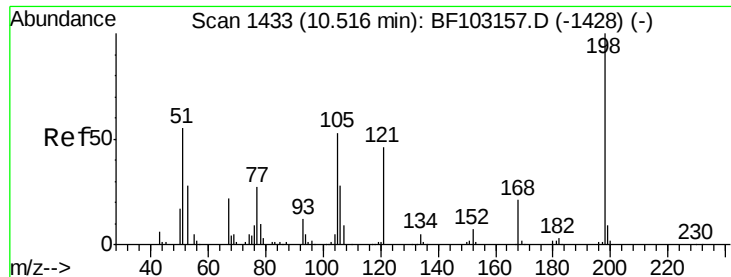
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion: 188 Resp: 412073
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.7 9.2 13.8



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

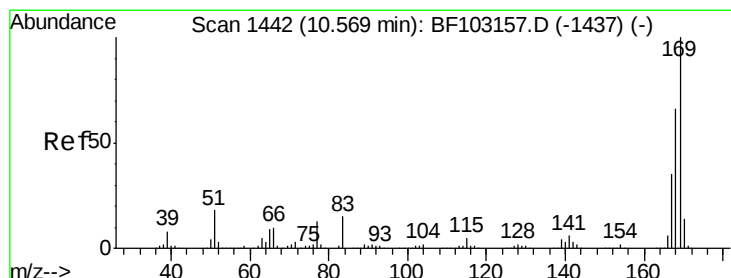
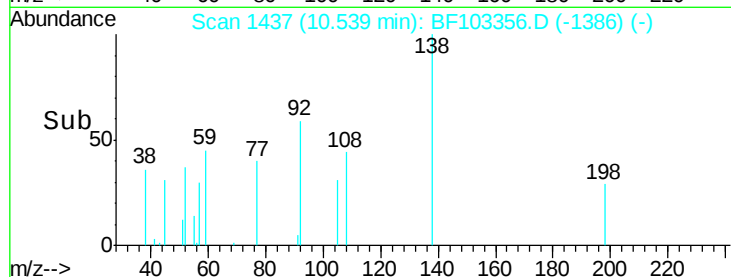
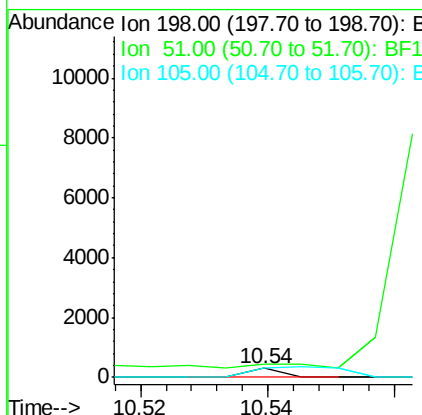
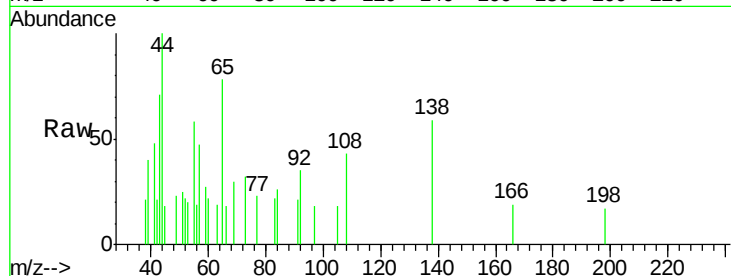




#64
4,6-Dinitro-2-methylphenol
Concen: 4.983 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

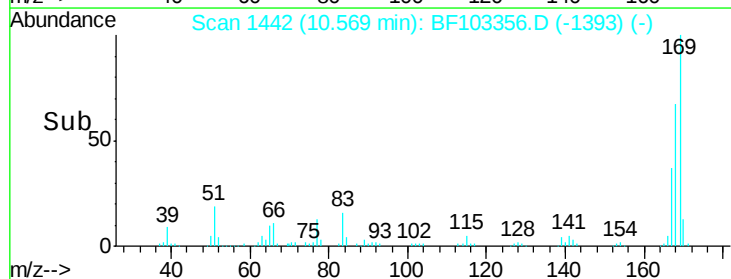
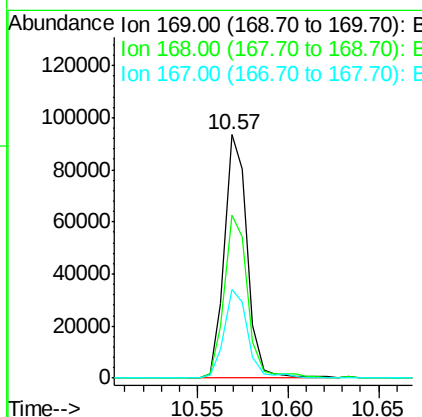
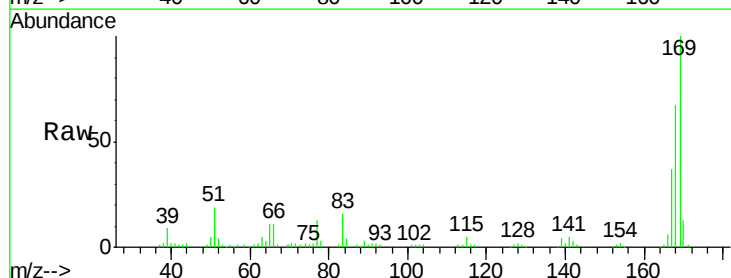
Instrument :
BNA_F
ClientSampleId :
PB106993BS

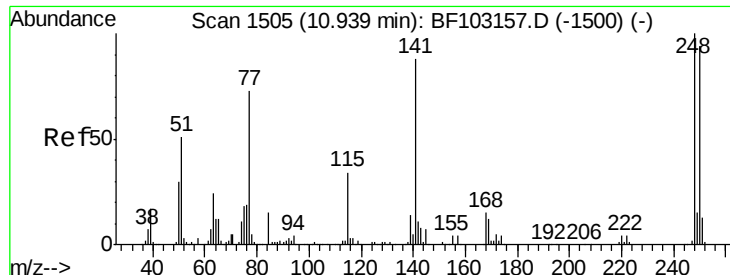
Tot Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 145.5 37.7 77.7#
105 104.3 36.3 76.3#



#65
n-Nitrosodiphenylamine
Concen: 5.742 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:169 Resp: 82385
Ion Ratio Lower Upper
169 100
168 67.1 54.4 81.6
167 36.7 29.8 44.6

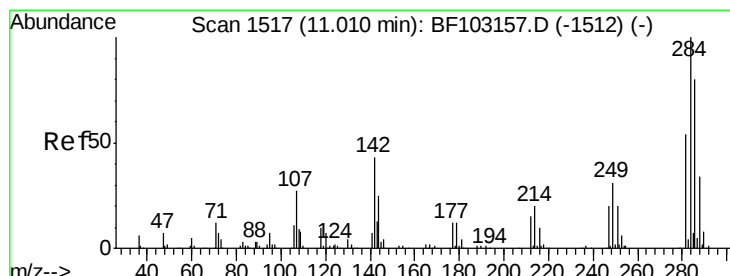
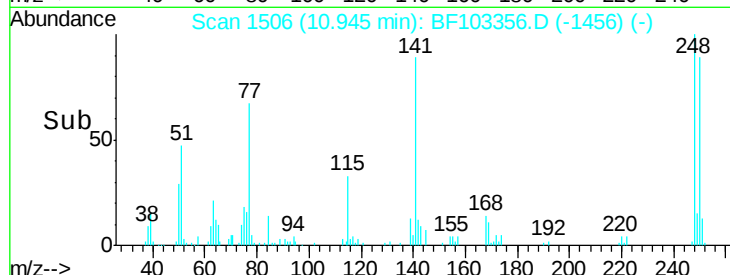
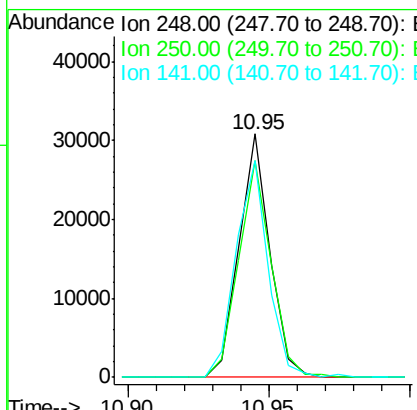
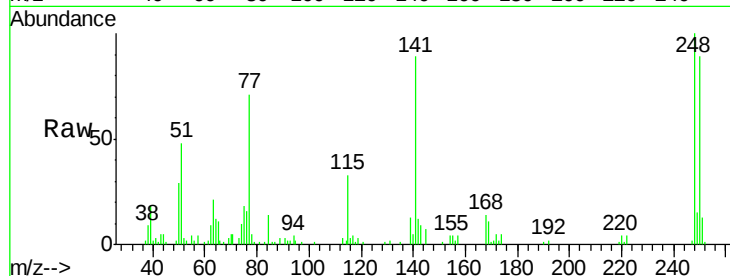




#66
 4-Bromophenyl-phenylether
 Concen: 5.459 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

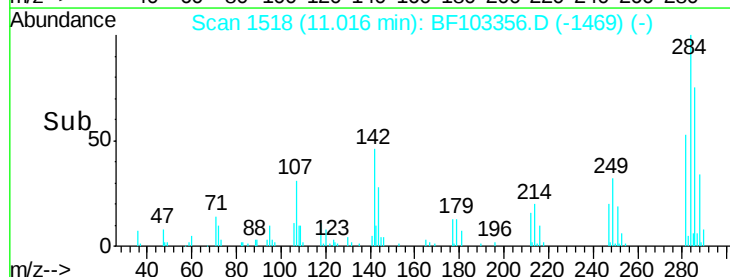
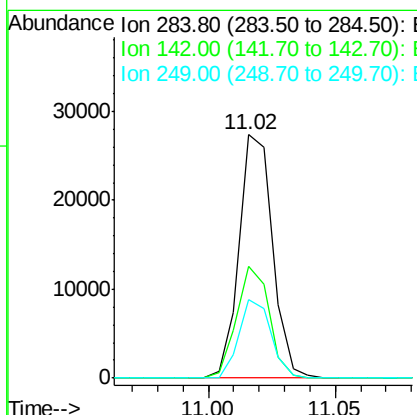
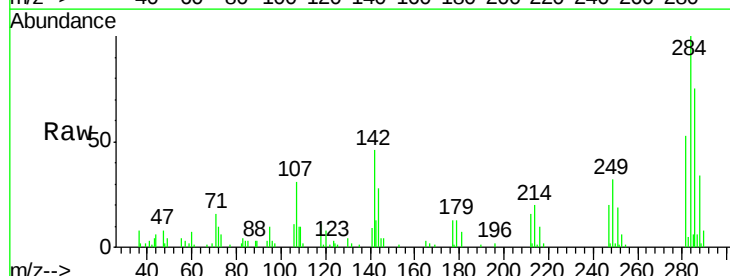
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

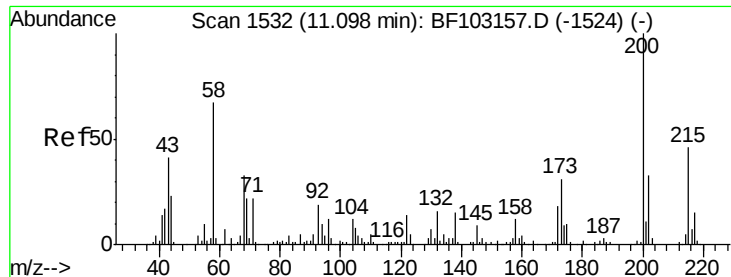
Tot Ion:248 Resp: 23433
 Ion Ratio Lower Upper
 248 100
 250 89.0 76.9 115.3
 141 89.1 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 5.398 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion:284 Resp: 25151
 Ion Ratio Lower Upper
 284 100
 142 46.0 34.6 52.0
 249 34.6 24.8 37.2

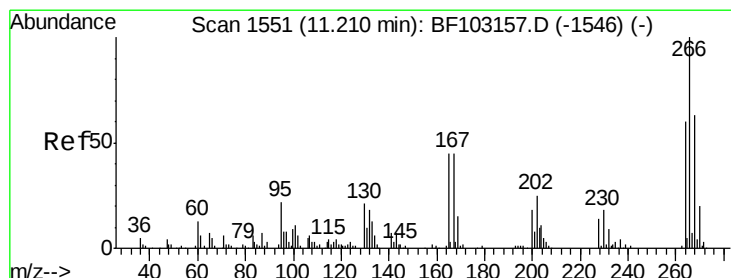
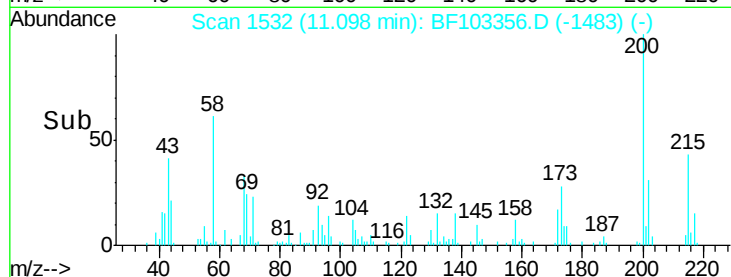
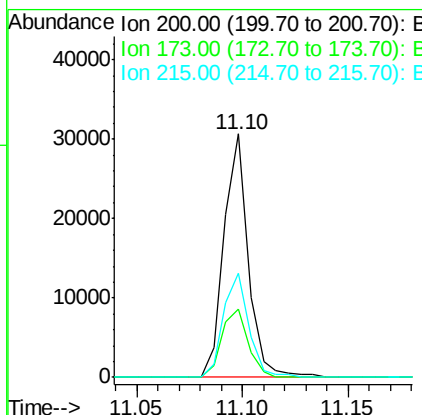
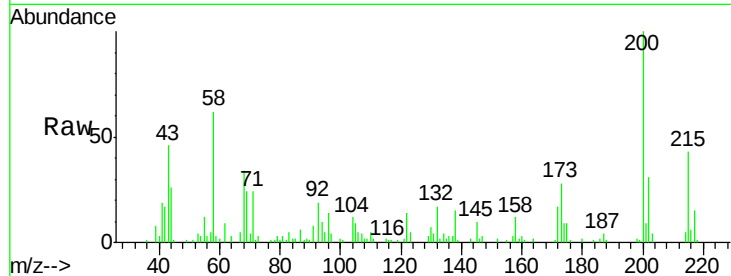




#68
Atrazine
Concen: 5.637 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

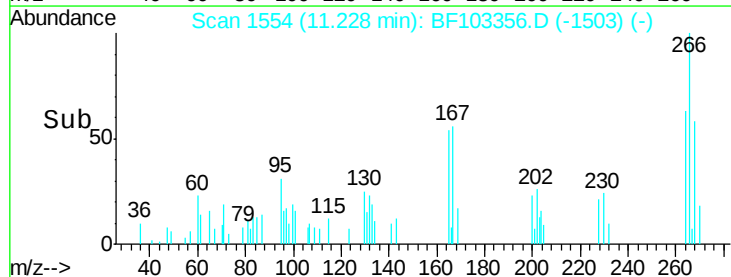
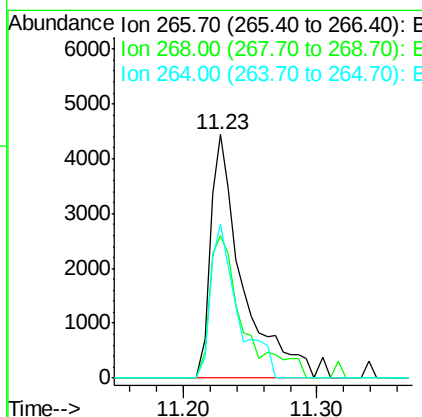
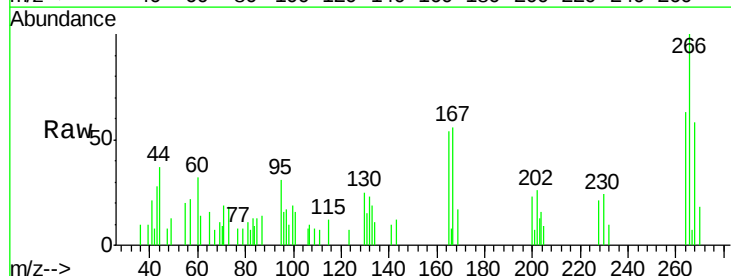
Instrument :
BNA_F
ClientSampleId :
PB106993BS

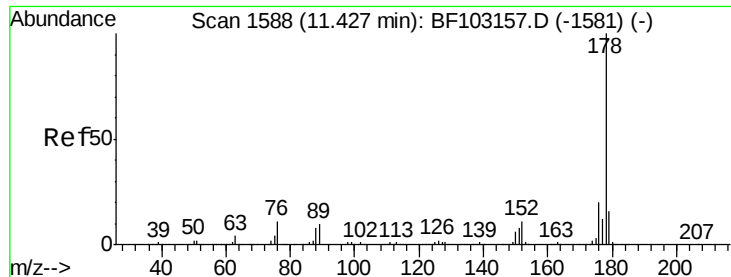
Tot Ion:200 Resp: 24311
Ion Ratio Lower Upper
200 100
173 28.0 8.6 48.6
215 42.9 25.1 65.1



#69
Pentachlorophenol
Concen: 3.336 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:266 Resp: 7515
Ion Ratio Lower Upper
266 100
268 58.4 51.1 76.7
264 63.1 49.5 74.3

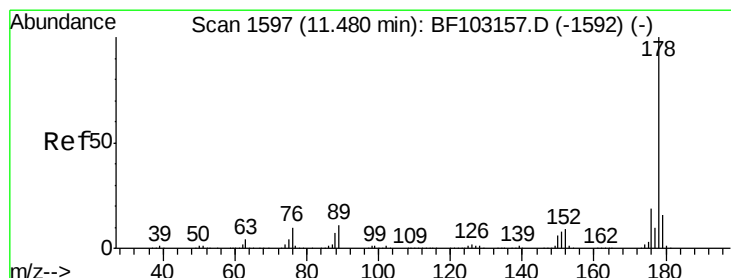
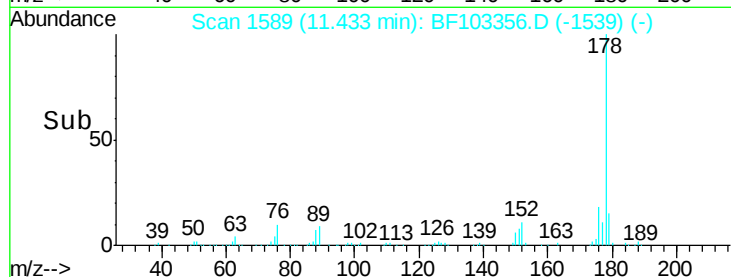
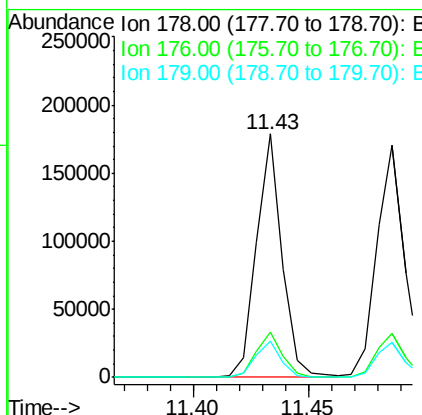
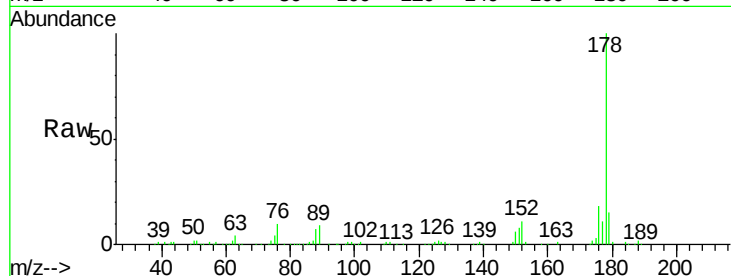




#70
Phenanthrene
Concen: 6.104 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

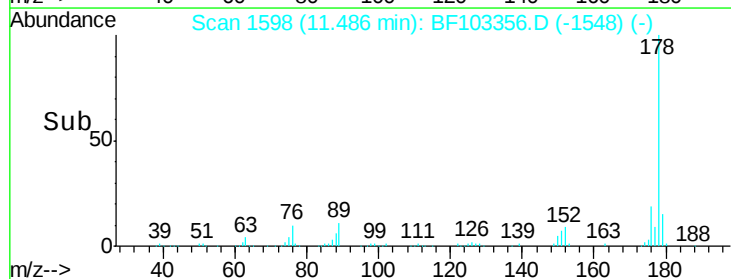
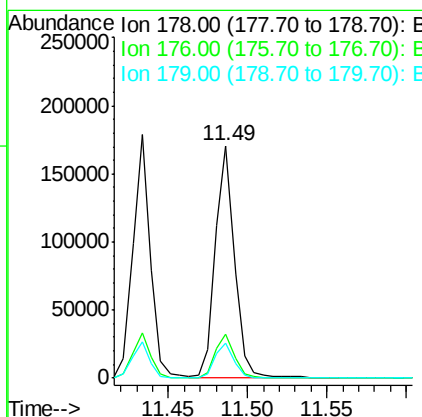
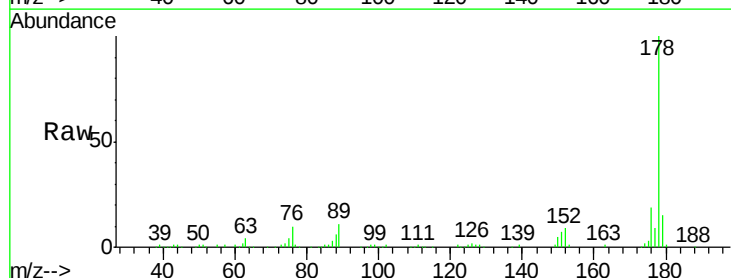
Instrument :
BNA_F
ClientSampleId :
PB106993BS

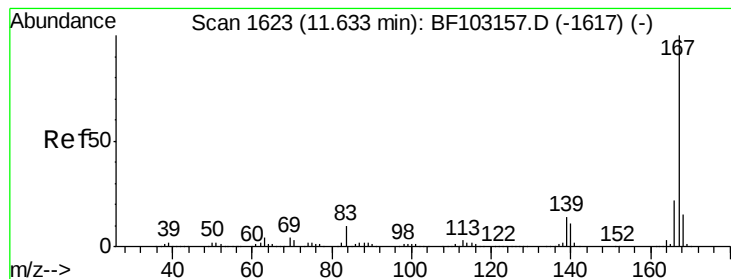
Tot Ion:178 Resp: 138423
Ion Ratio Lower Upper
178 100
176 18.4 15.8 23.8
179 14.9 13.0 19.6



#71
Anthracene
Concen: 6.234 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:178 Resp: 144978
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.6 19.0





#72

Carbazole

Concen: 5.924 ng

RT: 11.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

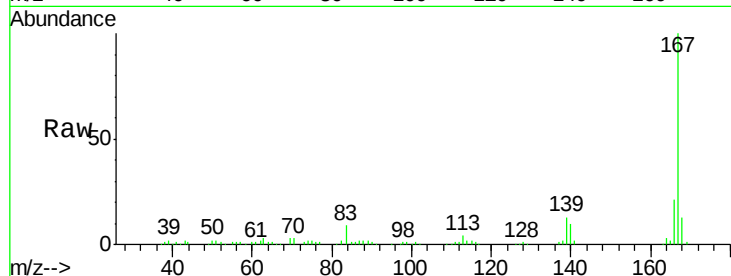
Tot Ion:167 Resp: 137181

Ion Ratio Lower Upper

167 100

166 20.9 17.6 26.4

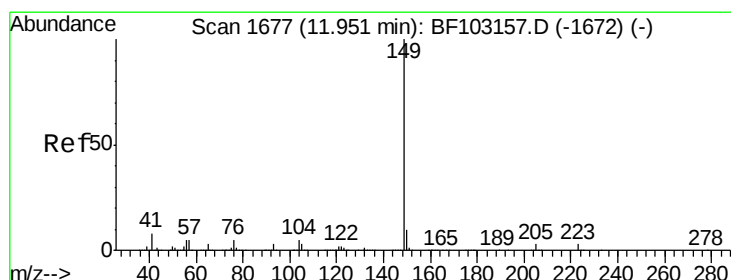
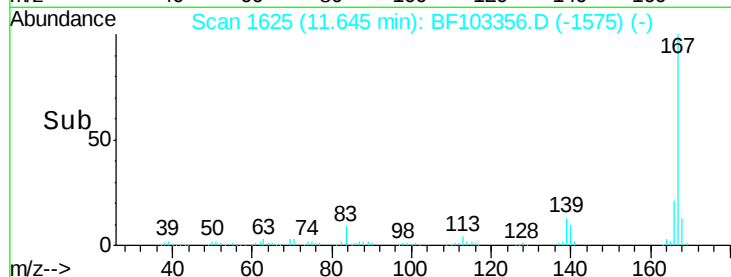
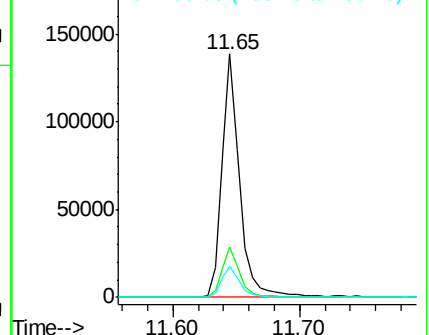
139 12.9 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 6.235 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

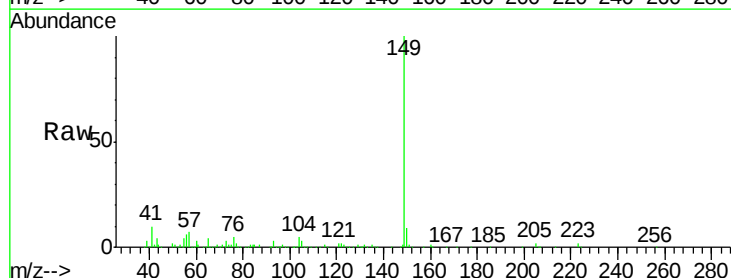
Tgt Ion:149 Resp: 180671

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

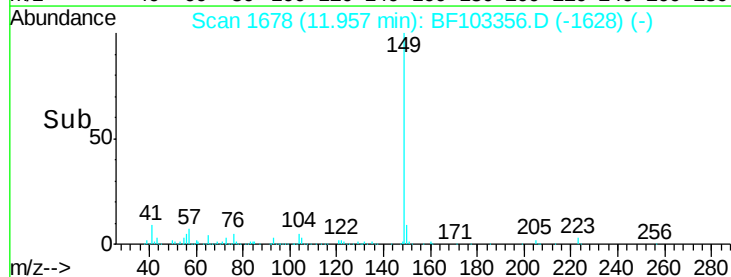
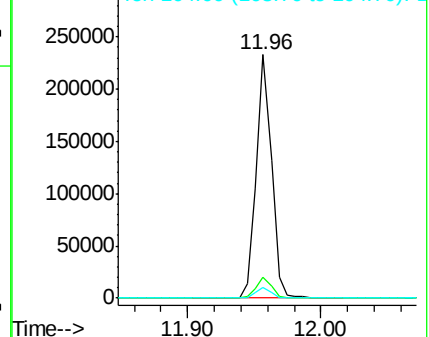
104 4.6 3.8 5.8

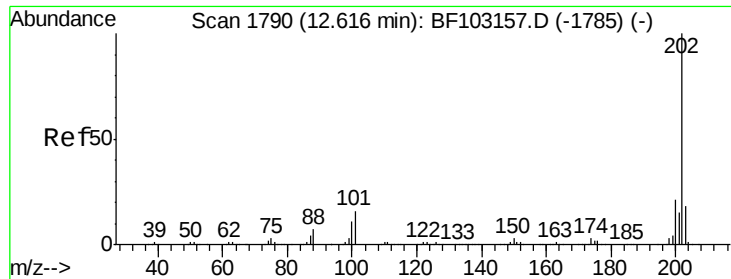


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

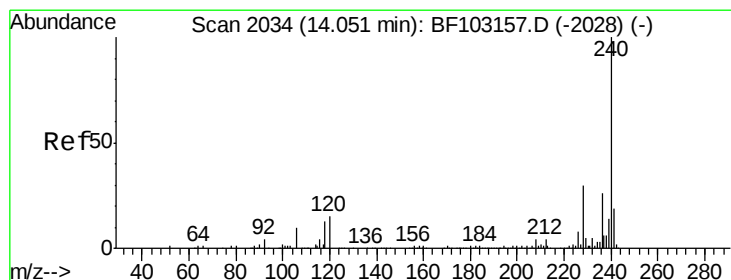
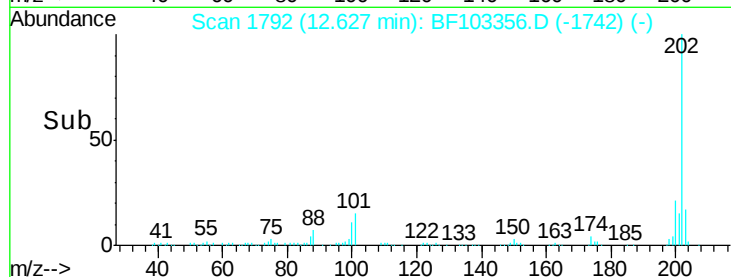
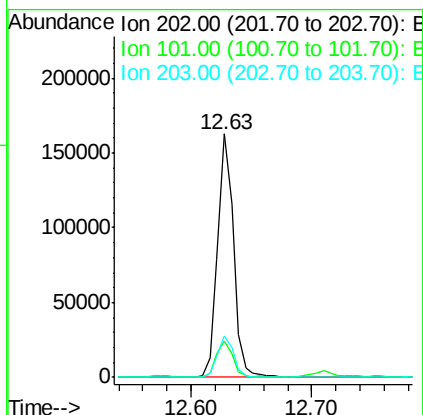
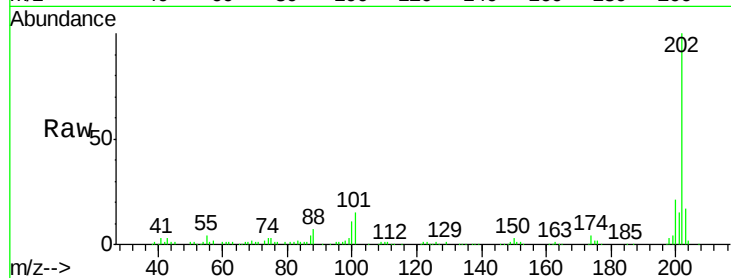




#74
Fluoranthene
Concen: 6.454 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

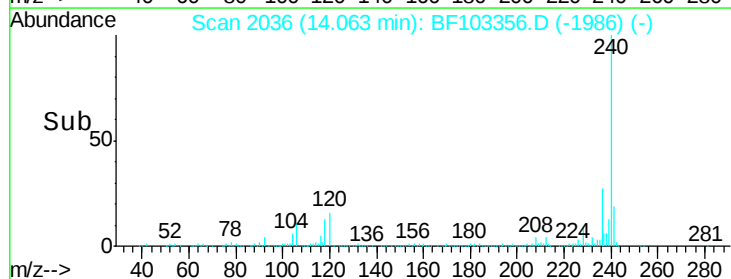
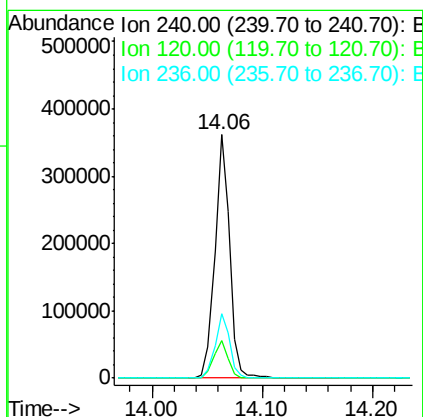
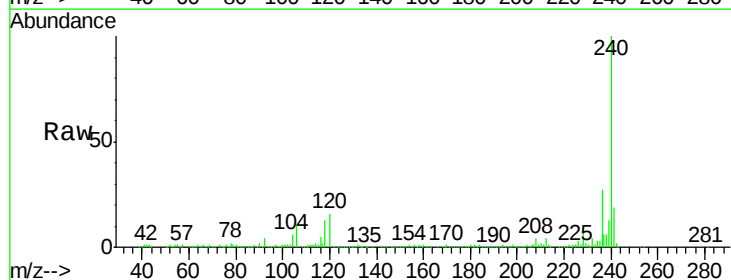
Instrument :
BNA_F
ClientSampleId :
PB106993BS

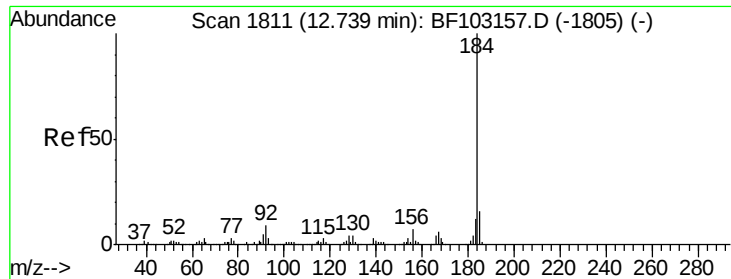
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.1
203	17.0	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	26.7	20.7	31.1





#76

Benzidine

Concen: 2.980 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

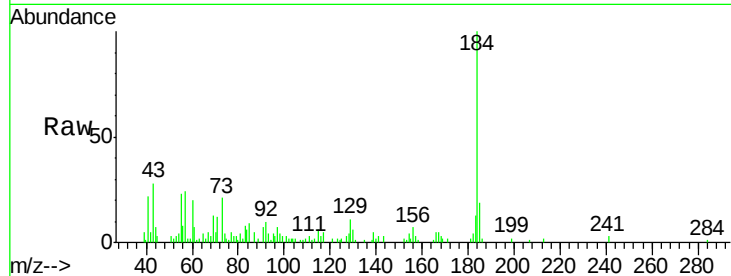
Tot Ion:184 Resp: 36942

Ion Ratio Lower Upper

184 100

185 18.6 12.6 18.8

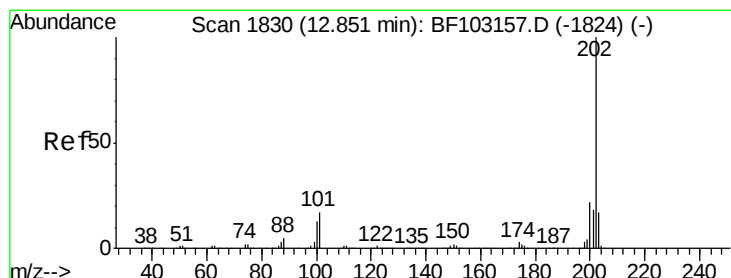
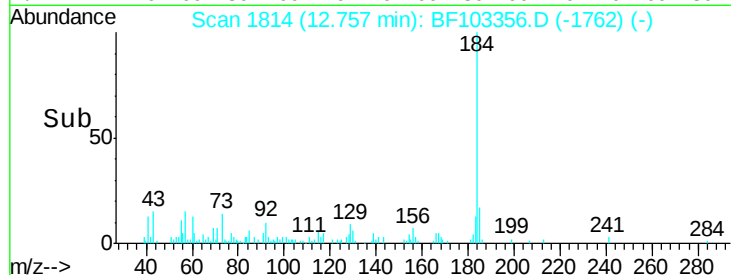
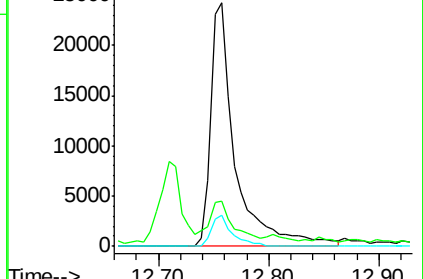
183 12.7 9.3 13.9



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

Pyrene

Concen: 5.694 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

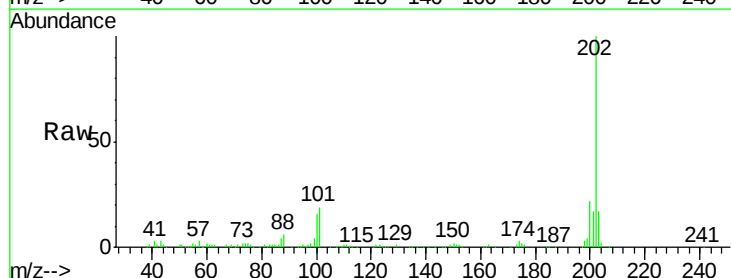
Tgt Ion:202 Resp: 147196

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

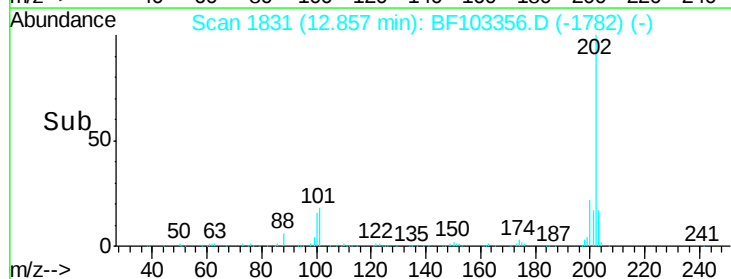
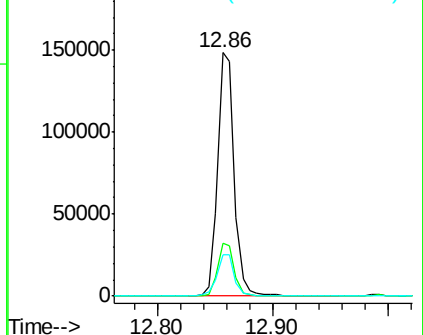
203 17.0 14.3 21.5

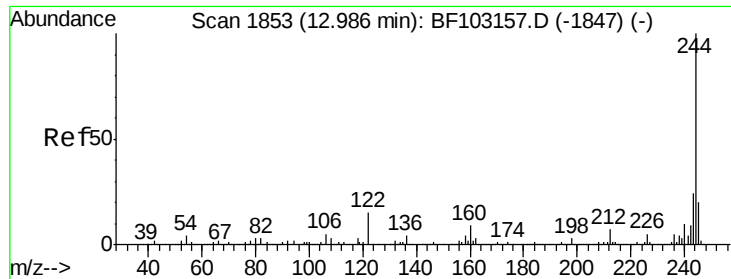


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

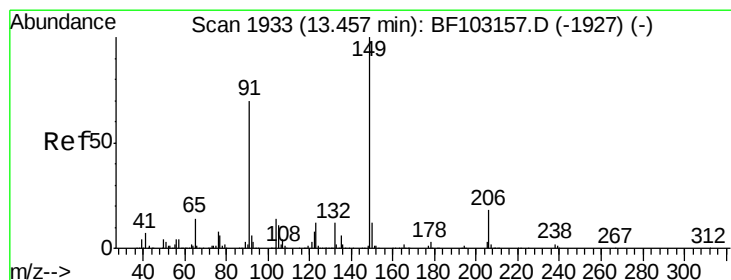
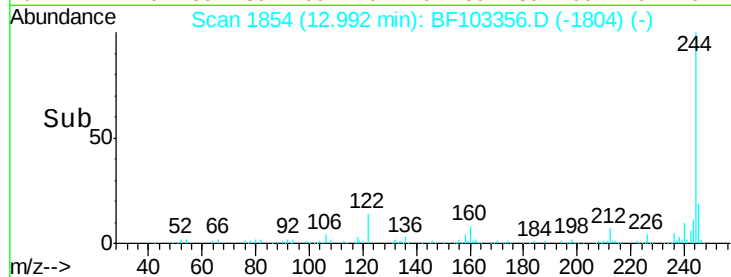
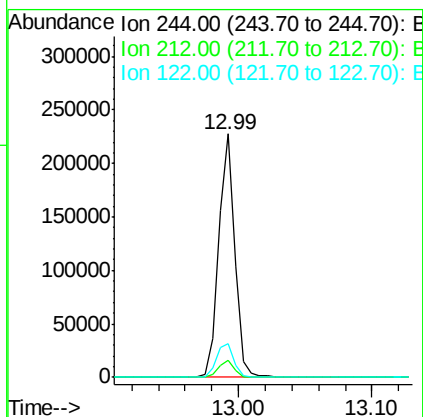
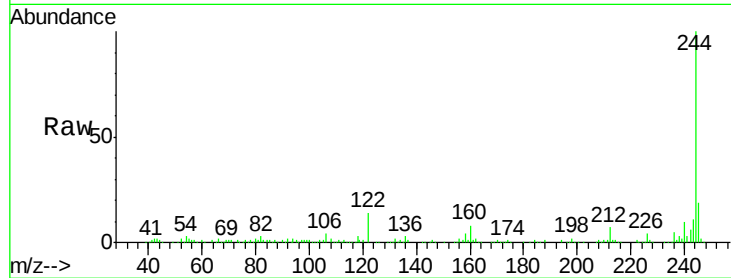




#78
 Terphenyl-d14
 Concen: 14.084 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

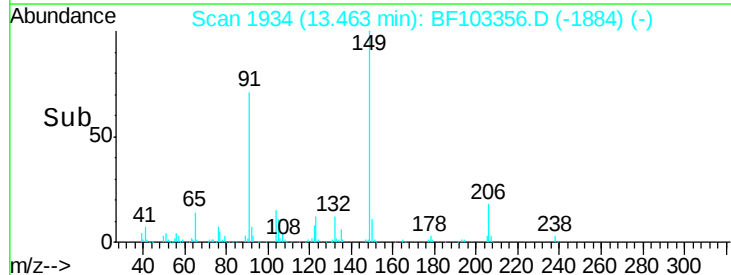
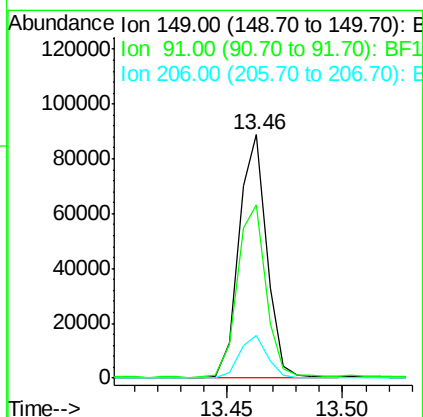
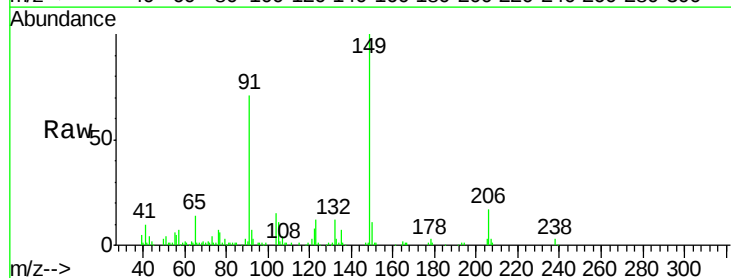
Instrument :
 BNA_F
 ClientSampleId :
 PB106993BS

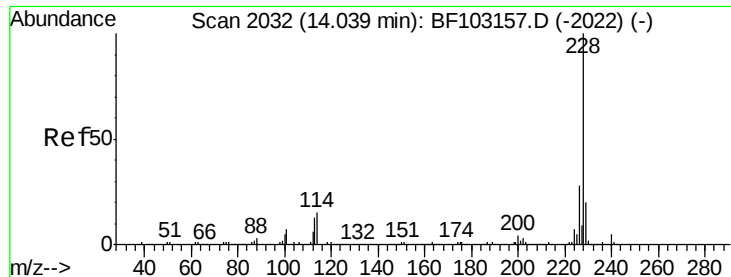
Tot Ion:244 Resp: 194266
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.8 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 5.506 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF103356.D
 Acq: 2 Mar 2018 10:39

Tgt Ion:149 Resp: 75209
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.8 85.2
 206 17.5 14.1 21.1

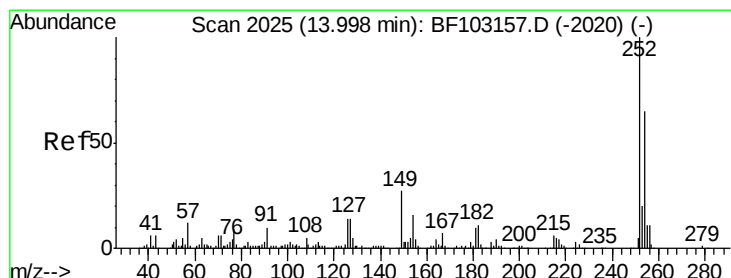
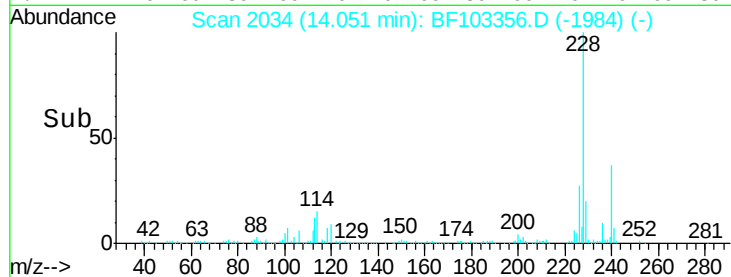
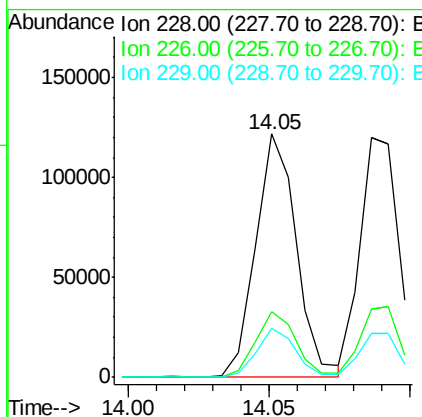
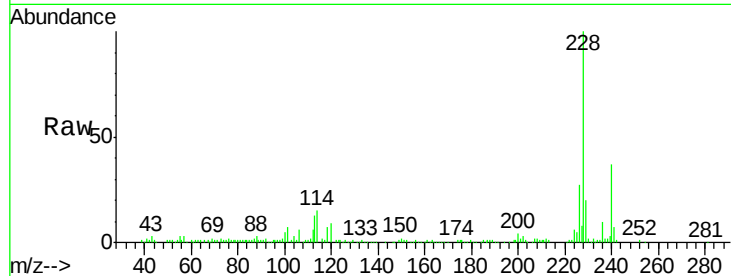




#80
Benzo(a)anthracene
Concen: 5.661 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

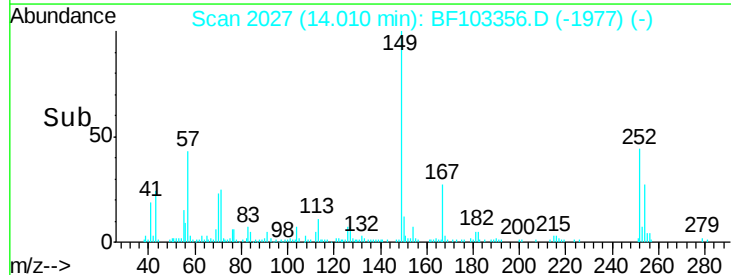
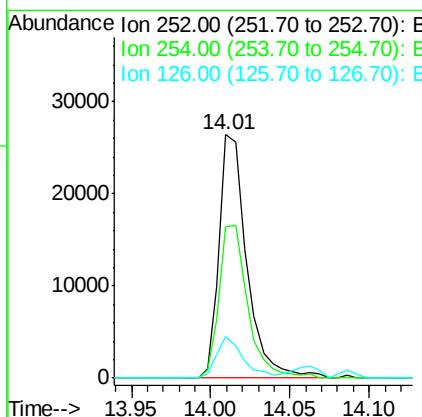
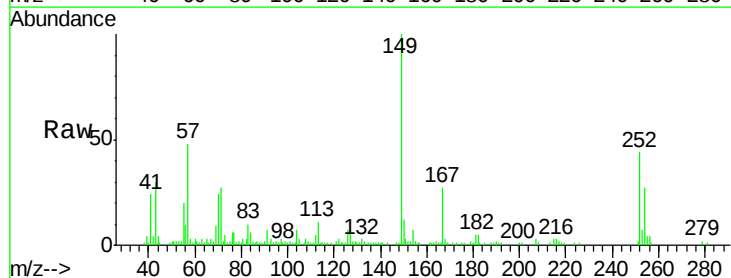
Instrument :
BNA_F
ClientSampleId :
PB106993BS

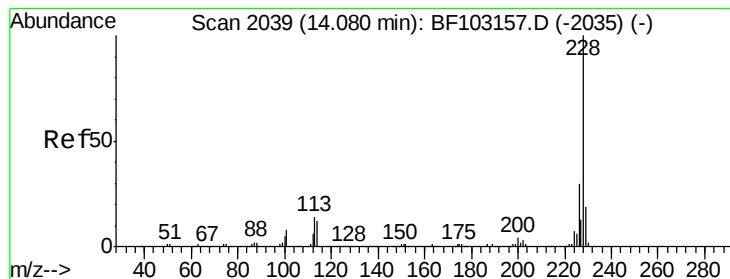
Tot Ion:228 Resp: 121785
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 20.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 4.191 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:252 Resp: 32181
Ion Ratio Lower Upper
252 100
254 62.1 50.4 75.6
126 16.9 11.3 16.9





#82

Chrysene

Concen: 5.627 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

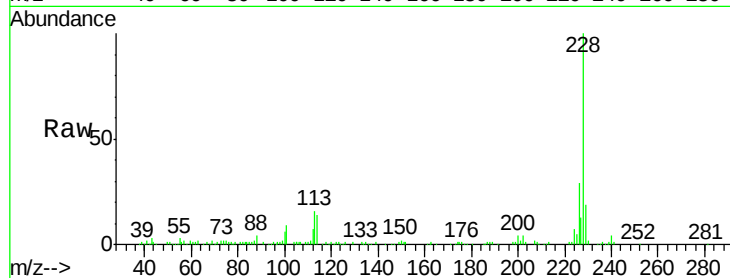
Tot Ion:228 Resp: 117552

Ion Ratio Lower Upper

228 100

226 28.6 25.0 37.6

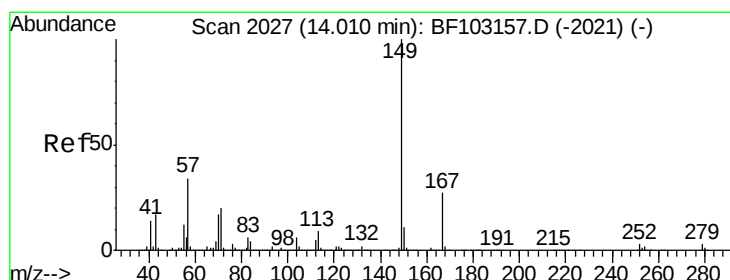
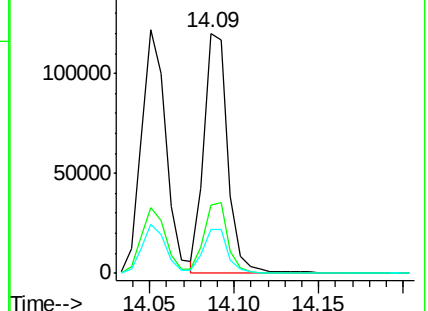
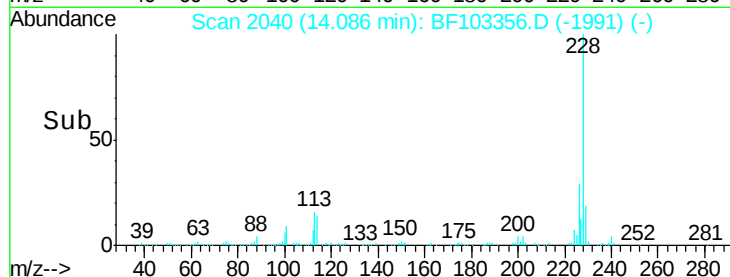
229 18.6 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 5.792 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

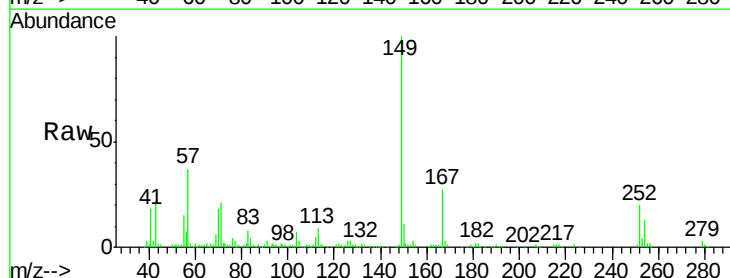
Tgt Ion:149 Resp: 106760

Ion Ratio Lower Upper

149 100

167 27.2 21.3 31.9

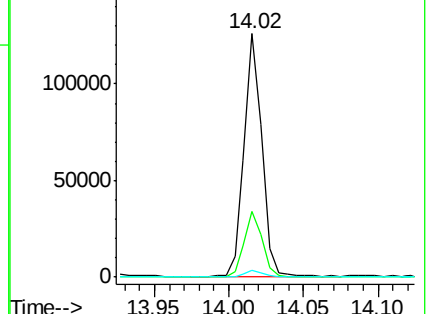
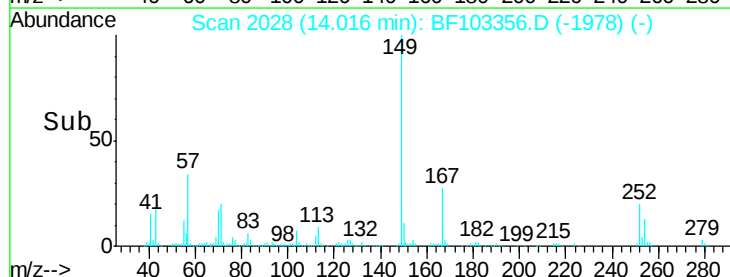
279 2.6 3.0 4.4#

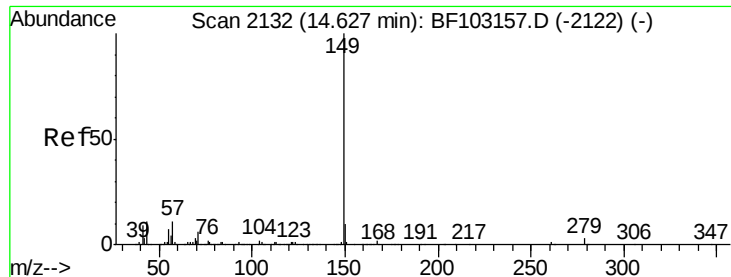


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

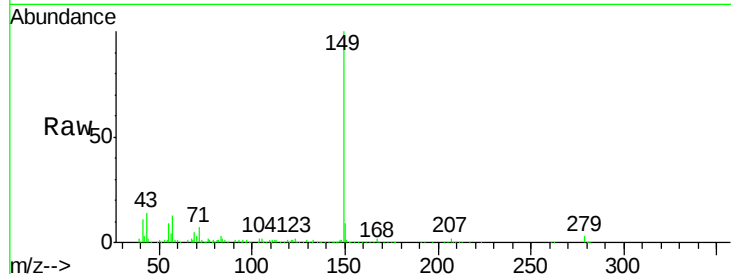




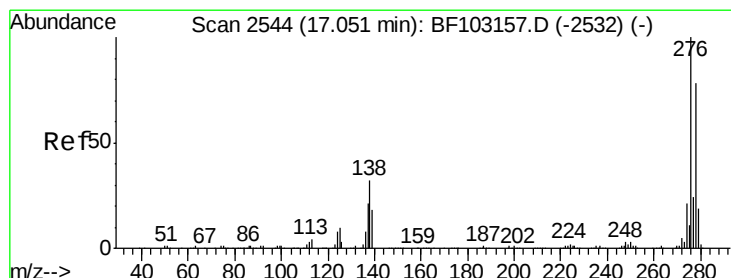
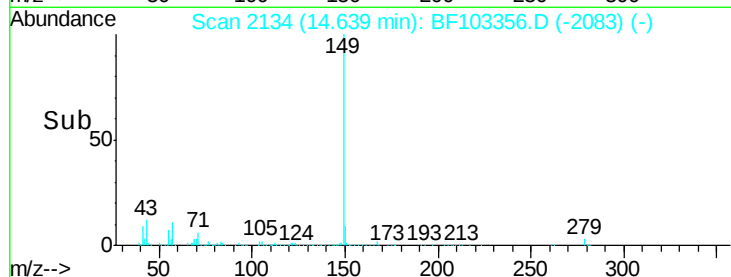
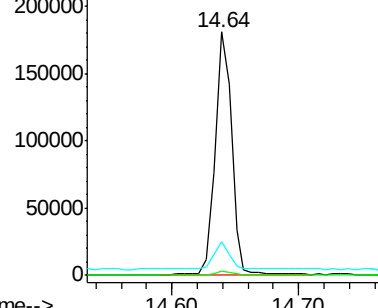
#84
Di-n-octyl phthalate
Concen: 5.387 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:149 Resp: 160417
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8#
43 10.5 8.4 12.6

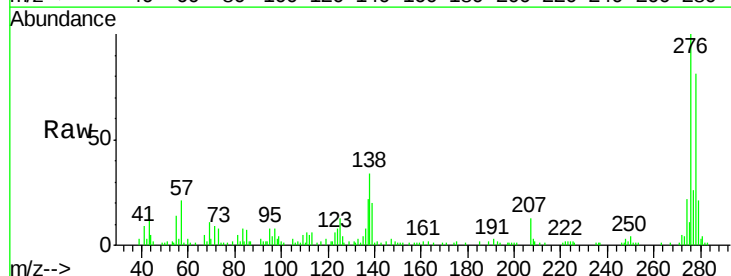


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

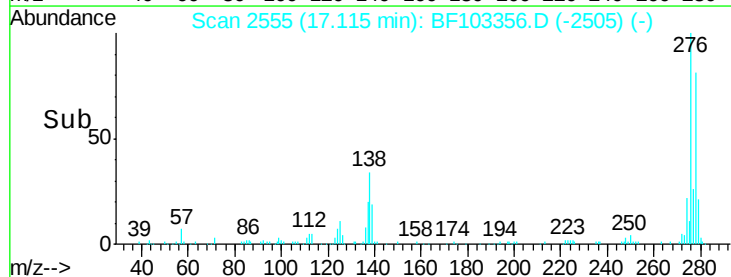
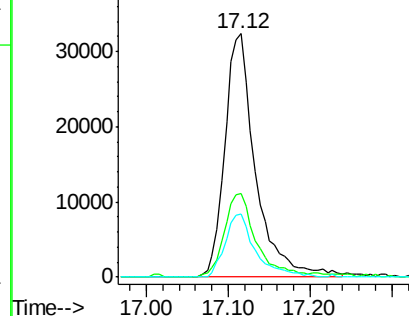


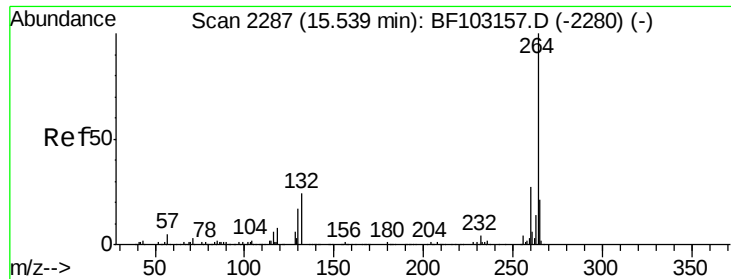
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.136 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:276 Resp: 84942
Ion Ratio Lower Upper
276 100
138 36.7 25.0 37.6
277 25.6 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

Pervlene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. 0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

Instrument :

BNA_F

ClientSampleId :

PB106993BS

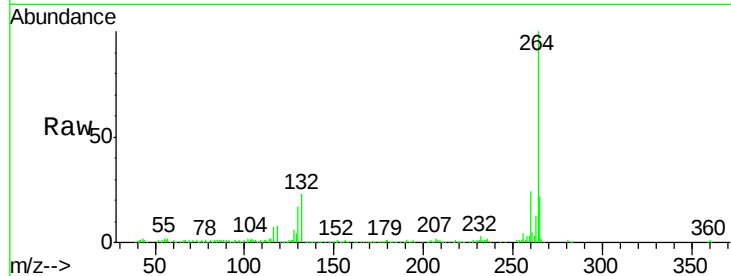
Tot Ion:264 Resp: 283819

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

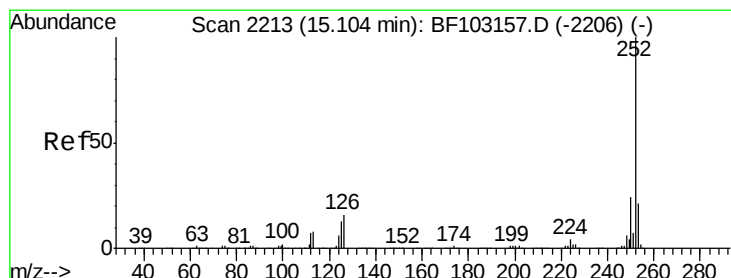
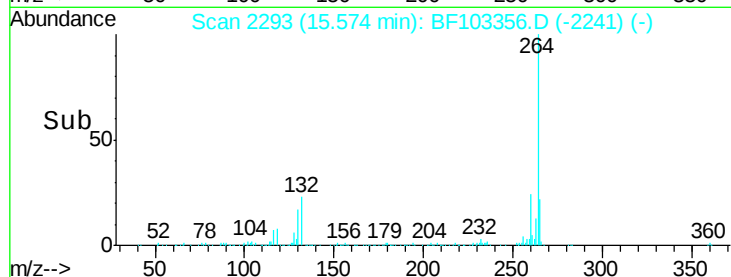
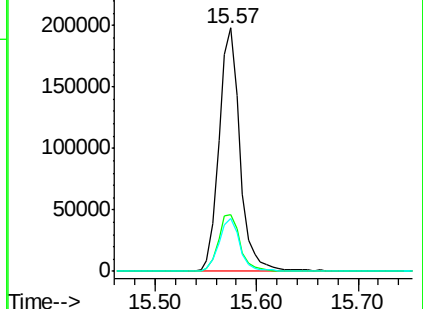
265 21.7 17.5 26.3



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: 5.448 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF103356.D

Acq: 2 Mar 2018 10:39

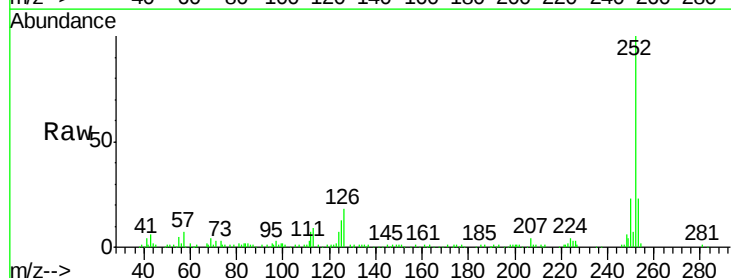
Tgt Ion:252 Resp: 101669

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

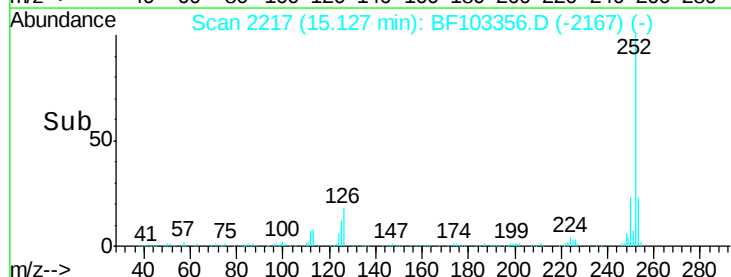
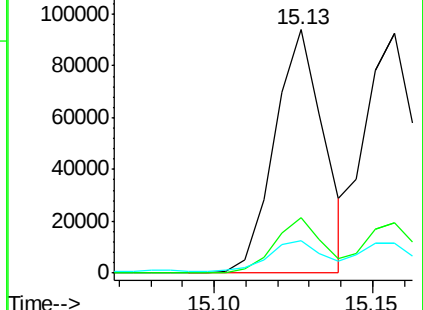
125 13.2 9.0 13.6

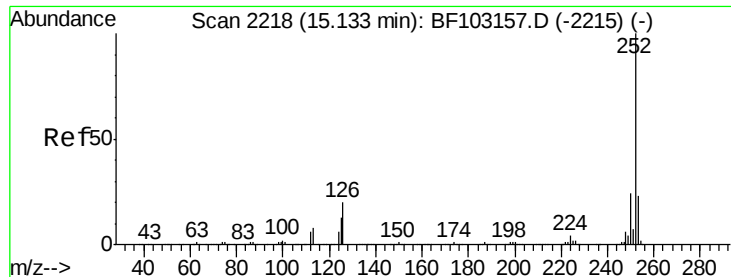


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

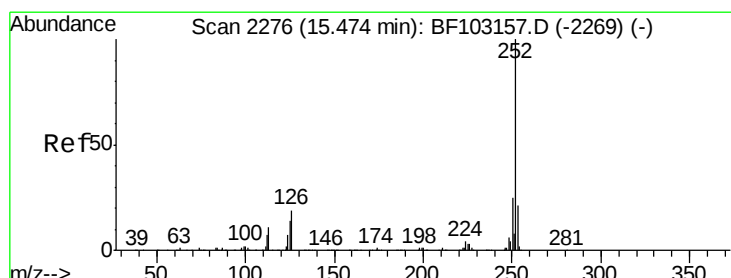
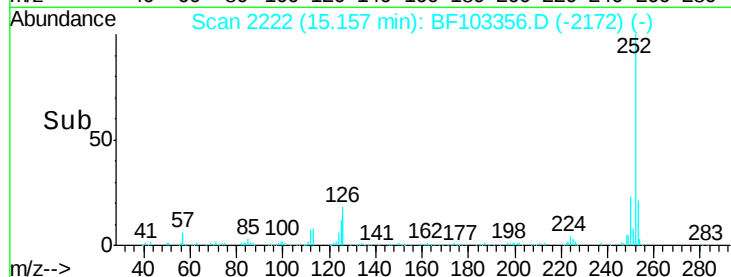
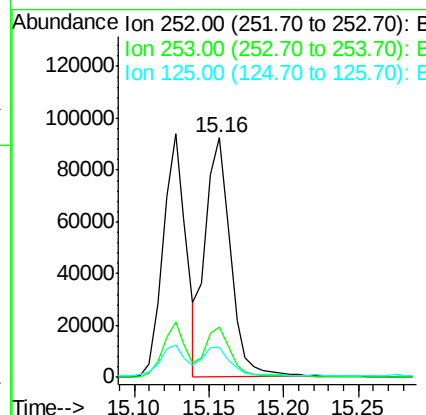
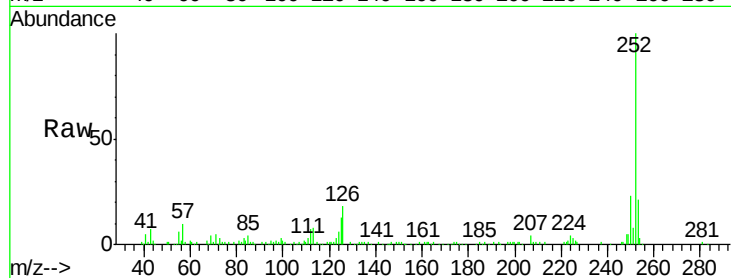




#88
Benzo(k)fluoranthene
Concen: 6.111 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

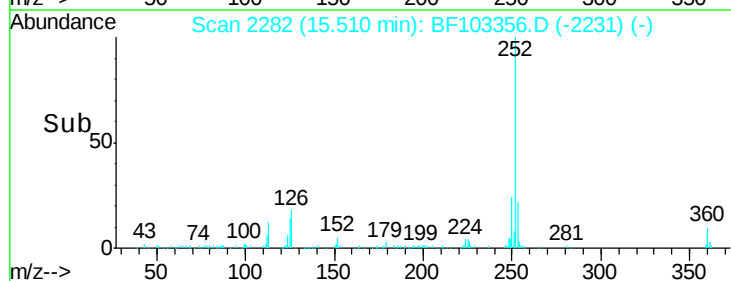
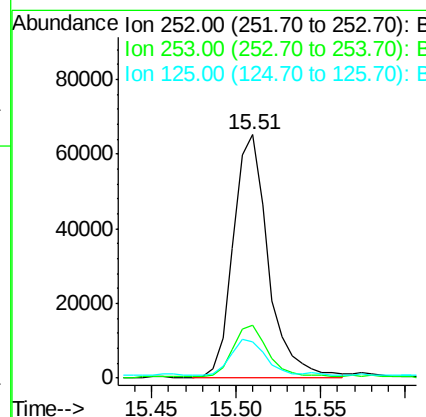
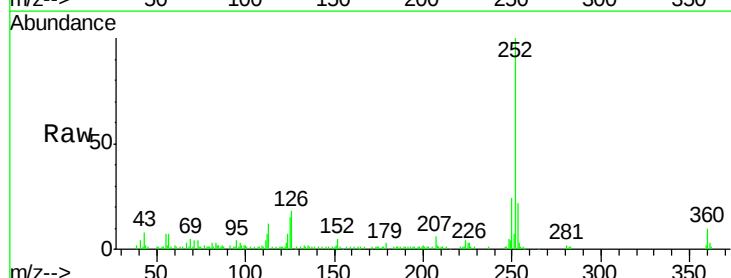
Instrument :
BNA_F
ClientSampleId :
PB106993BS

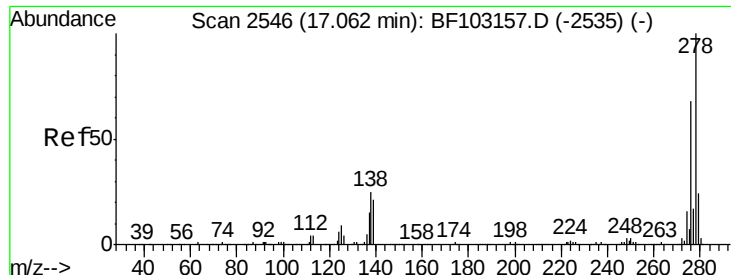
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	12.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 5.650 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.7	9.8	14.6



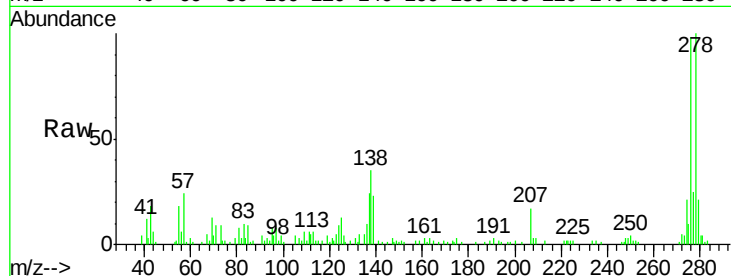


#90
Dibenzo(a,h)anthracene
Concen: 5.527 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

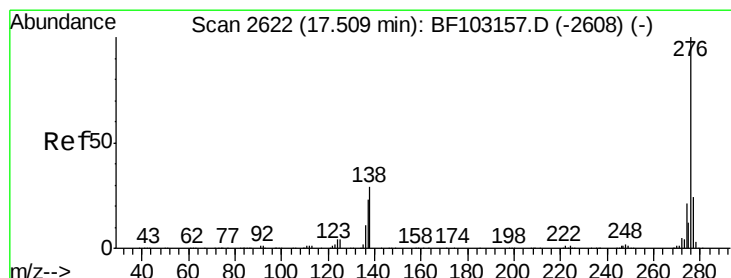
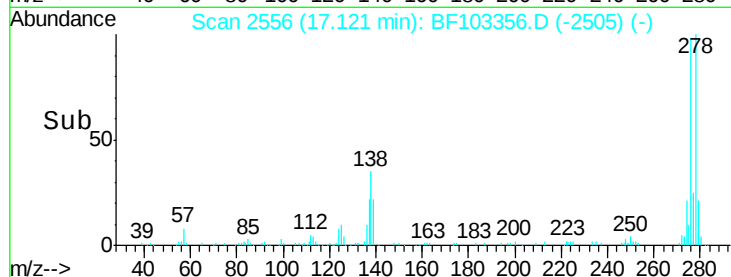
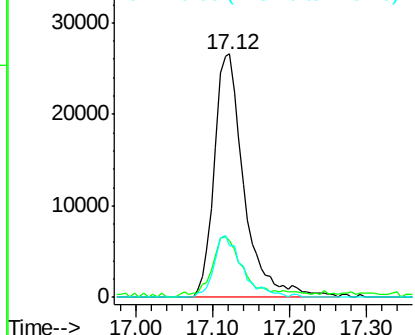
Instrument :
BNA_F
ClientSampleId :
PB106993BS

Tot Ion:278 Resp: 71164

Ion	Ratio	Lower	Upper
278	100		
139	23.4	15.9	23.9
279	21.0	19.0	28.4



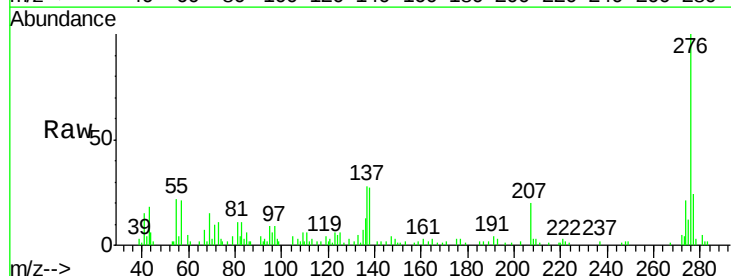
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 5.622 ng
RT: 17.57 min Scan# 2633
Delta R.T. -0.01 min
Lab File: BF103356.D
Acq: 2 Mar 2018 10:39

Tgt Ion:276 Resp: 70754

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	27.4	21.8	32.8



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

