

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106845.D
 Acq On : 27 Jun 2018 2:02
 Operator : JU/SJ
 Sample : PB110563BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Quant Time: Jun 27 04:40:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42007	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155116	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72079	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	134833	20.00	ng	0.00
75) Chrysene-d12	14.15	240	122223	20.00	ng	-0.02
86) Perylene-d12	15.68	264	88591	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	207782	83.76	ng	0.00
7) Phenol-d6	6.61	99	255669	82.53	ng	0.00
23) Nitrobenzene-d5	7.52	82	236096	84.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68395	81.87	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	430659	104.52	ng	0.00
78) Terphenyl-d14	13.08	244	495466	98.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	41048	32.185	ng	98
3) Pyridine	3.64	79	117376	33.934	ng	96
4) n-Nitrosodimethylamine	3.61	42	47504	32.336	ng	83
6) Aniline	6.62	93	52769	12.557	ng	# 33
8) 2-Chlorophenol	6.75	128	108449	39.857	ng	96
9) Benzaldehyde	6.51	77	76693	35.354	ng	98
10) Phenol	6.62	94	130607	36.941	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	109078	37.371	ng	96
12) 1,3-Dichlorobenzene	6.90	146	130952	41.092	ng	97
13) 1,4-Dichlorobenzene	6.98	146	130560	40.523	ng	97
14) 1,2-Dichlorobenzene	7.13	146	119871	40.597	ng	98
15) Benzyl Alcohol	7.10	79	91925	36.954	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	150824	39.385	ng	73
17) 2-Methylphenol	7.22	107	90119	38.703	ng	# 92
18) Hexachloroethane	7.47	117	35880	31.668	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	73853	36.165	ng	91
20) 3+4-Methylphenols	7.38	107	116990	47.185	ng	98
22) Acetophenone	7.37	105	149832	43.175	ng	# 99
24) Nitrobenzene	7.55	77	112535	39.490	ng	97
25) Isophorone	7.78	82	206206	41.925	ng	97
26) 2-Nitrophenol	7.86	139	43980	32.693	ng	96
27) 2,4-Dimethylphenol	7.90	122	95619	45.986	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	134880	40.843	ng	98
29) 2,4-Dichlorophenol	8.11	162	91221	41.905	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	107814	44.958	ng	97
31) Naphthalene	8.27	128	308641	42.559	ng	99
32) Benzoic acid	8.04	122	11307	12.314	ng	95
33) 4-Chloroaniline	8.31	127	23614	7.760	ng	99
34) Hexachlorobutadiene	8.37	225	72317	46.280	ng	98
35) Caprolactam	8.68	113	23639	33.313	ng	93
36) 4-Chloro-3-methylphenol	8.81	107	88644	38.687	ng	94
37) 2-Methylnaphthalene	8.96	142	220373	45.845	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	114465	47.156	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	8872	7.104	ng	89

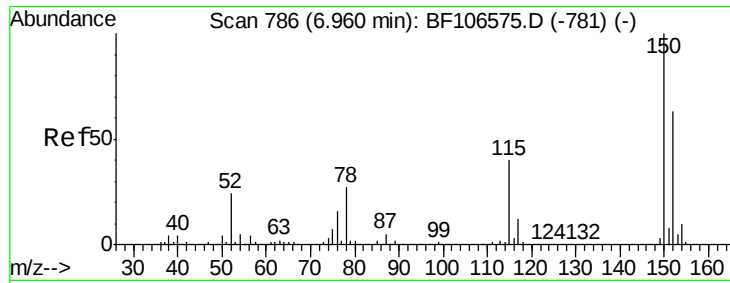
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	58845	36.470	ng	89
43) 2,4,5-Trichlorophenol	9.24	196	58845	34.950	ng	87
45) 1,1'-Biphenyl	9.42	154	262318	45.665	ng	98
46) 2-Chloronaphthalene	9.45	162	185486	41.022	ng	96
47) 2-Nitroaniline	9.55	65	55791	36.693	ng	96
48) Acenaphthylene	9.87	152	289167	40.507	ng	99
49) Dimethylphthalate	9.71	163	227183	42.024	ng	98
50) 2,6-Dinitrotoluene	9.78	165	46949	41.013	ng	94
51) Acenaphthene	10.04	154	172382	38.347	ng	97
52) 3-Nitroaniline	9.96	138	33435	25.382	ng	93
53) 2,4-Dinitrophenol	10.07	184	6521	15.576	ng #	13
54) Dibenzofuran	10.21	168	264999	43.051	ng	97
55) 4-Nitrophenol	10.14	139	45993	50.020	ng	95
56) 2,4-Dinitrotoluene	10.19	165	59162	39.594	ng	90
57) Fluorene	10.55	166	202757	41.509	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	52059	38.897	ng #	77
59) Diethylphthalate	10.41	149	209764	40.202	ng #	93
60) 4-Chlorophenyl-phenylether	10.54	204	107837	42.194	ng #	87
61) 4-Nitroaniline	10.58	138	50967	38.985	ng	92
62) Azobenzene	10.70	77	184757	35.958	ng	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	7458	8.948	ng	82
65) n-Nitrosodiphenylamine	10.66	169	175087	38.607	ng	100
66) 4-Bromophenyl-phenylether	11.03	248	71130	44.203	ng #	80
67) Hexachlorobenzene	11.10	284	73556	43.674	ng #	84
68) Atrazine	11.18	200	61042	42.339	ng	96
69) Pentachlorophenol	11.30	266	32223	38.344	ng	97
70) Phenanthrene	11.52	178	292065	44.911	ng	99
71) Anthracene	11.57	178	300808	45.317	ng	100
72) Carbazole	11.73	167	266823	42.934	ng	98
73) Di-n-butylphthalate	12.04	149	312785	42.721	ng	98
74) Fluoranthene	12.71	202	338878	47.277	ng	95
76) Benzidine	12.83	184	131587	37.803	ng	97
77) Pyrene	12.94	202	338182	41.959	ng	99
79) Butylbenzylphthalate	13.55	149	136605	41.223	ng #	88
80) Benzo(a)anthracene	14.14	228	316662	42.510	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	81384	31.085	ng #	96
82) Chrysene	14.17	228	294382	42.956	ng	100
83) Bis(2-ethylhexyl)phthalate	14.09	149	181060	42.738	ng	97
84) Di-n-octyl phthalate	14.72	149	317599	45.991	ng	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	210402	36.178	ng #	89
87) Benzo(b)fluoranthene	15.22	252	242874	44.133	ng #	97
88) Benzo(k)fluoranthene	15.25	252	242030	46.183	ng #	95
89) Benzo(a)pyrene	15.61	252	217853	44.530	ng #	96
90) Dibenzo(a,h)anthracene	17.27	278	178082	42.951	ng #	93
91) Benzo(g,h,i)perylene	17.74	276	174462	43.050	ng #	89

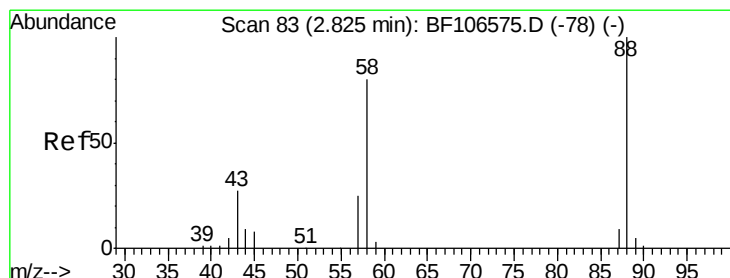
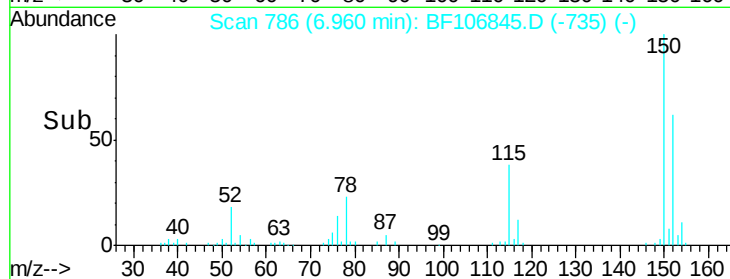
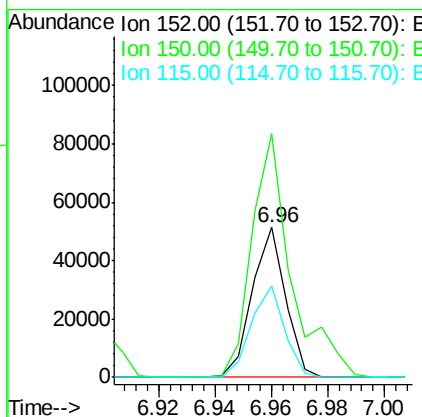
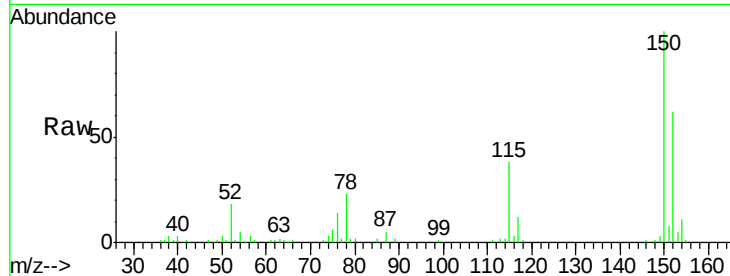
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

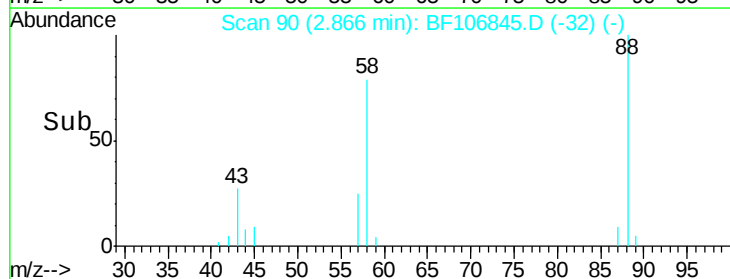
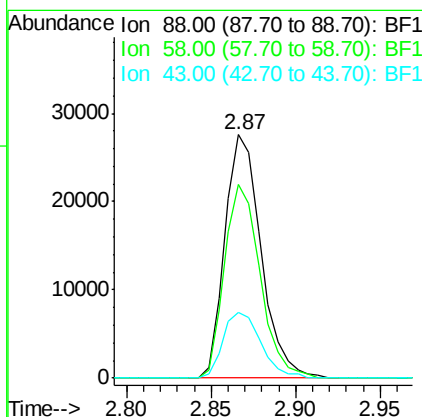
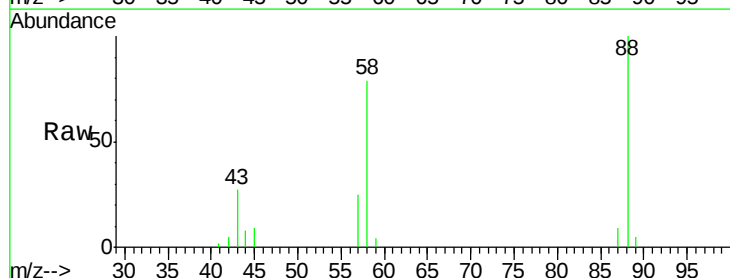
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

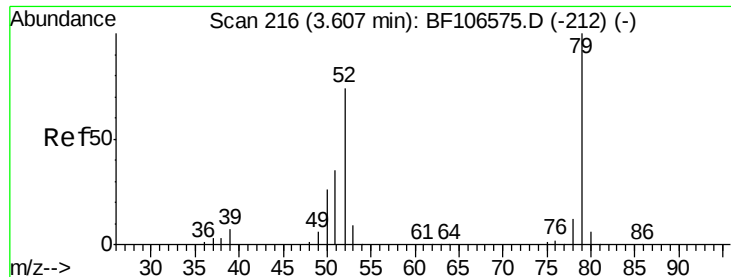
Tgt Ion: 152 Resp: 42007
 Ion Ratio Lower Upper
 152 100
 150 162.3 124.6 186.8
 115 61.0 50.1 75.1



#2
 1,4-Dioxane
 Concen: 32.185 ng
 RT: 2.87 min Scan# 90
 Delta R.T. 0.04 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion: 88 Resp: 41048
 Ion Ratio Lower Upper
 88 100
 58 78.5 62.6 93.8
 43 28.4 24.6 37.0





#3

Pyridine

Concen: 33.934 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

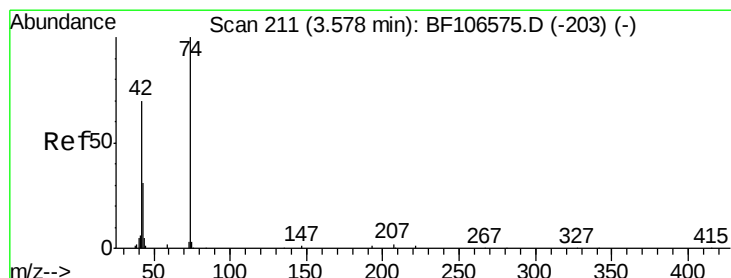
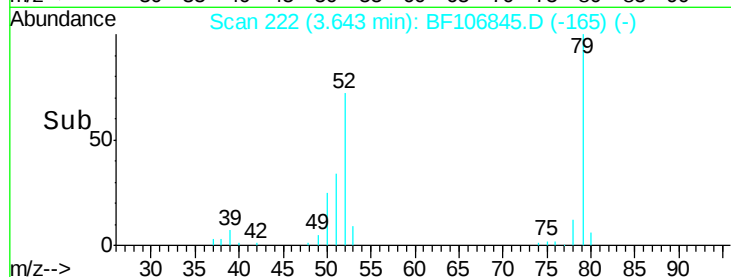
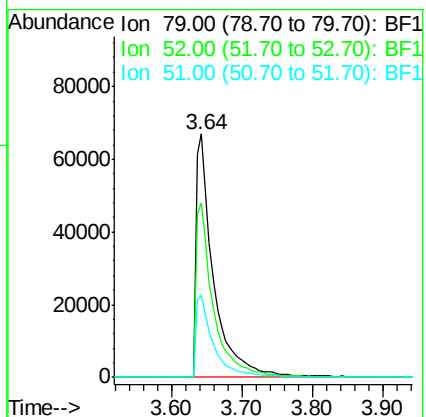
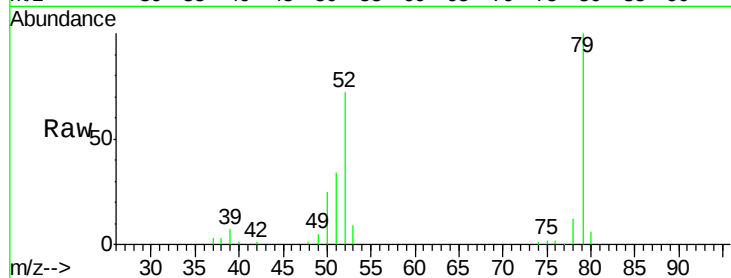
Tgt Ion: 79 Resp: 117376

Ion Ratio Lower Upper

79 100

52 71.7 59.8 89.6

51 33.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.336 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

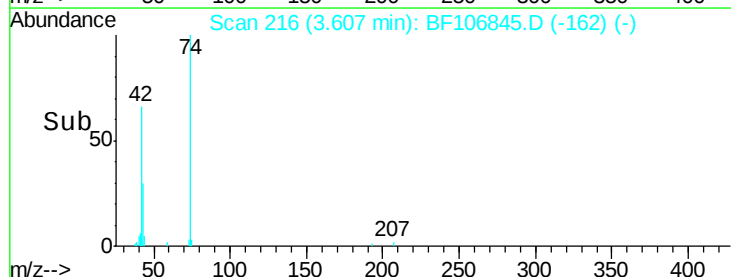
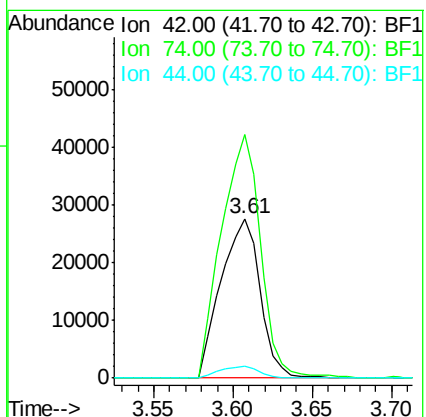
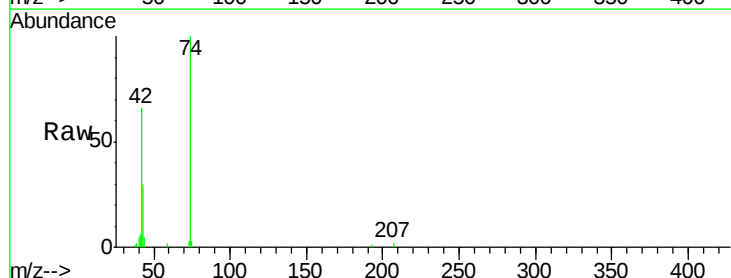
Tgt Ion: 42 Resp: 47504

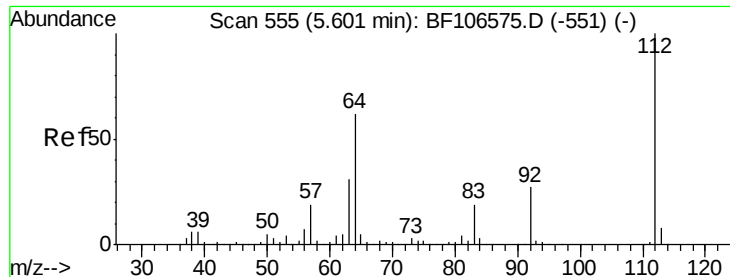
Ion Ratio Lower Upper

42 100

74 152.5 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 83.758 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

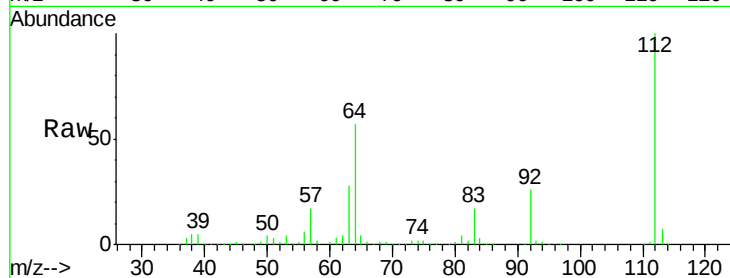
Tgt Ion: 112 Resp: 207782

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

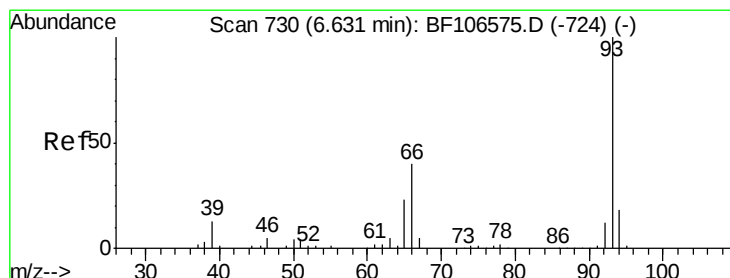
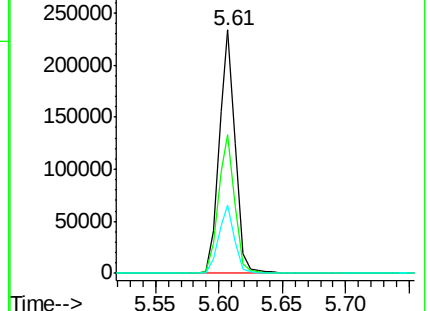
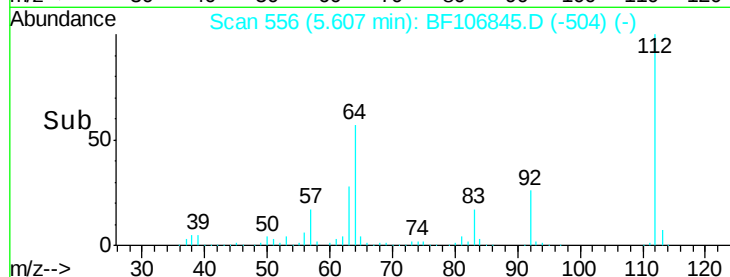
63 27.9 23.7 35.5



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: 12.557 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

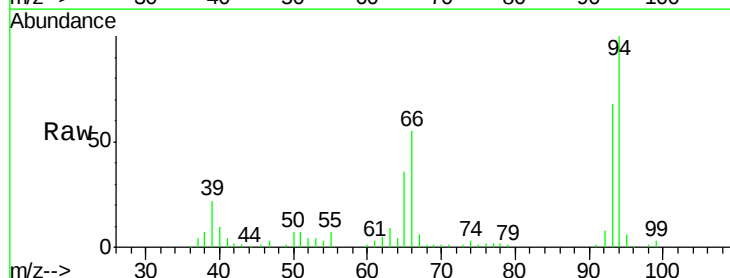
Tgt Ion: 93 Resp: 52769

Ion Ratio Lower Upper

93 100

66 81.0 32.2 48.2#

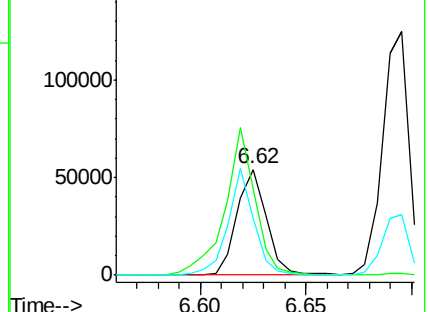
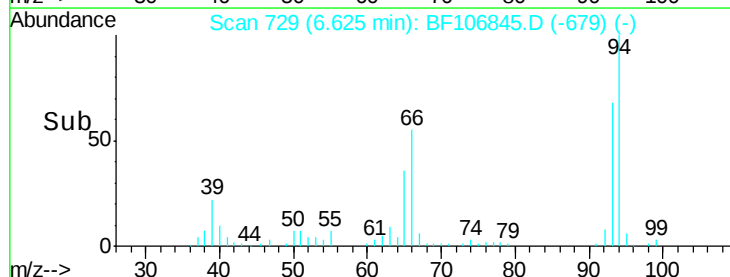
65 53.3 16.4 24.6#



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: 82.528 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

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PB110563BS

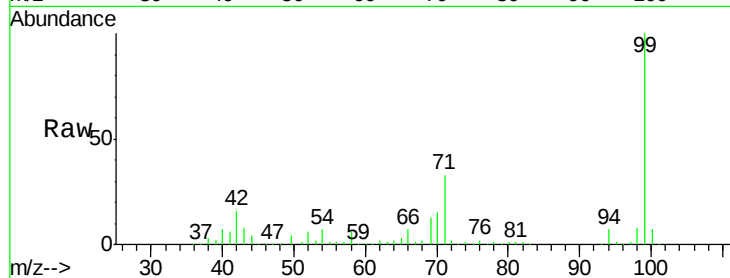
Tgt Ion: 99 Resp: 255669

Ion Ratio Lower Upper

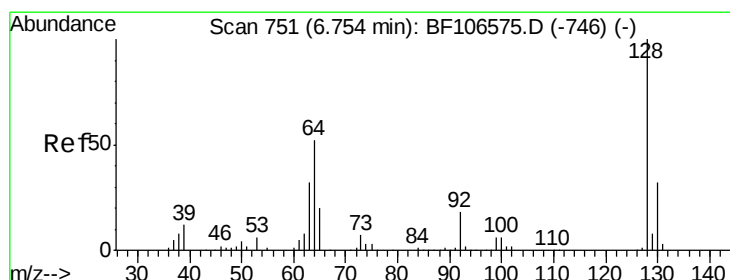
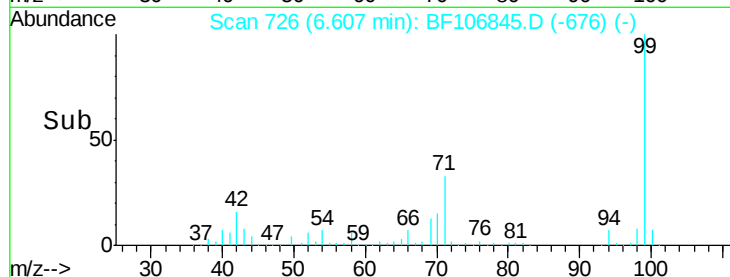
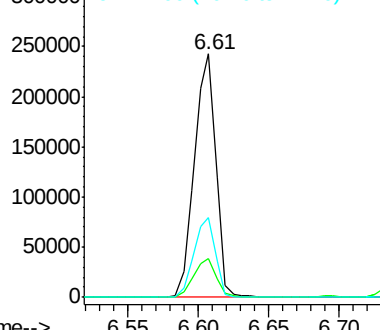
99 100

42 16.0 14.5 21.7

71 33.0 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: 39.857 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

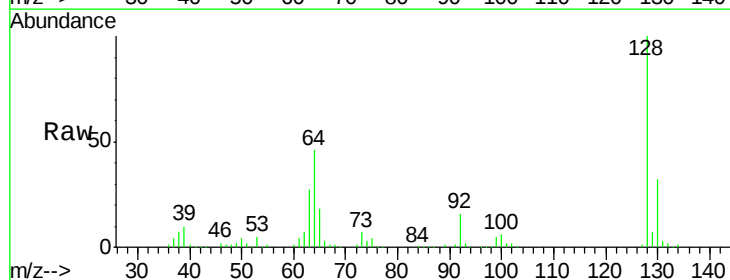
Tgt Ion: 128 Resp: 108449

Ion Ratio Lower Upper

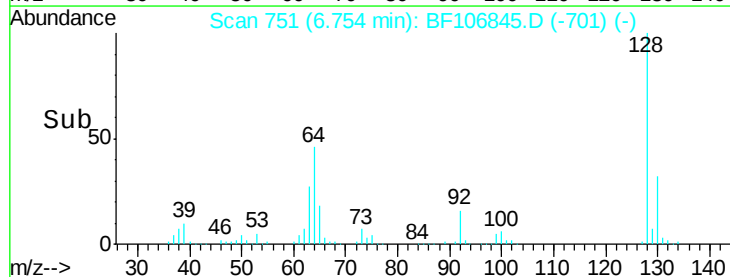
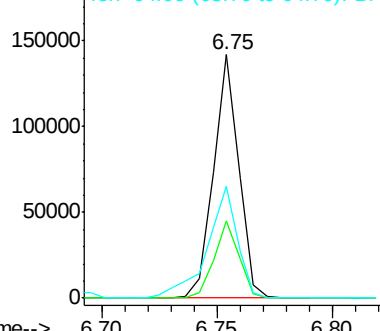
128 100

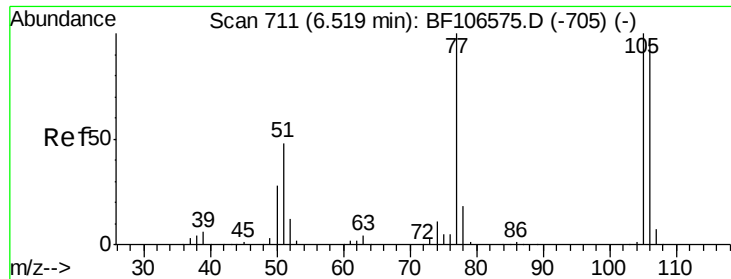
130 31.6 13.0 53.0

64 46.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.354 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

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PB110563BS

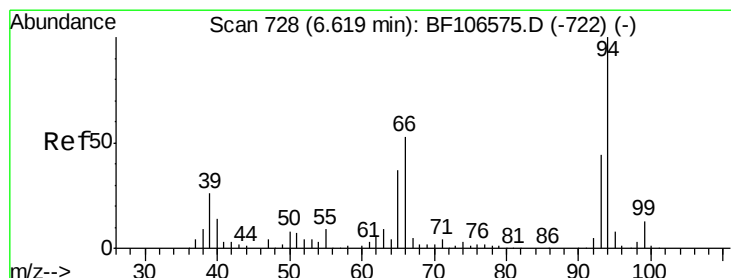
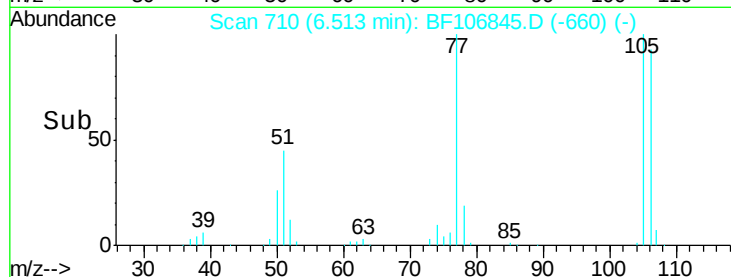
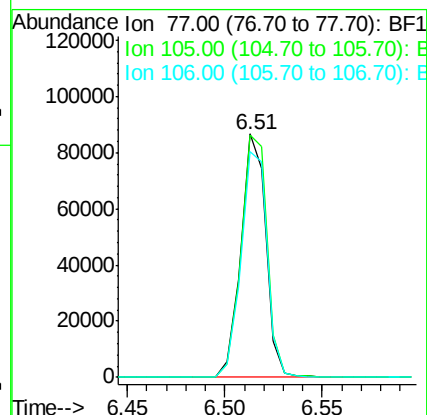
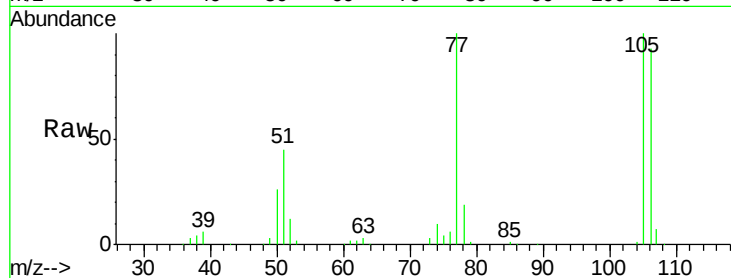
Tgt Ion: 77 Resp: 76693

Ion Ratio Lower Upper

77 100

105 99.6 81.1 121.1

106 92.5 74.5 114.5



#10

Phenol

Concen: 36.941 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

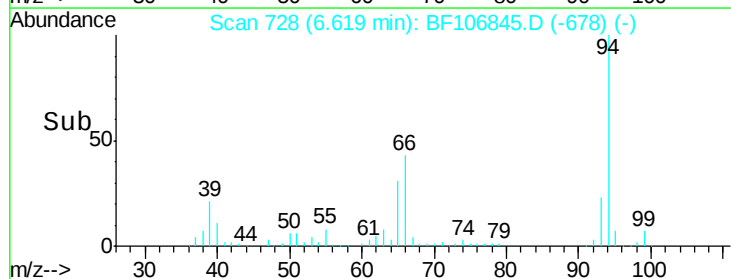
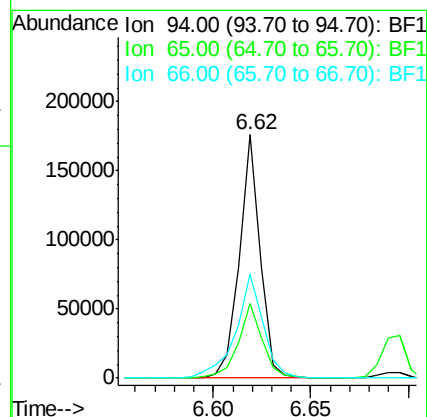
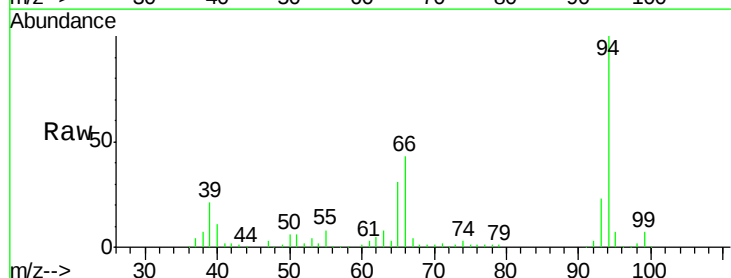
Tgt Ion: 94 Resp: 130607

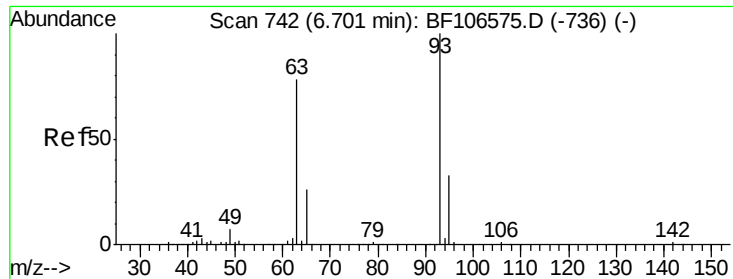
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 42.7 16.2 56.2

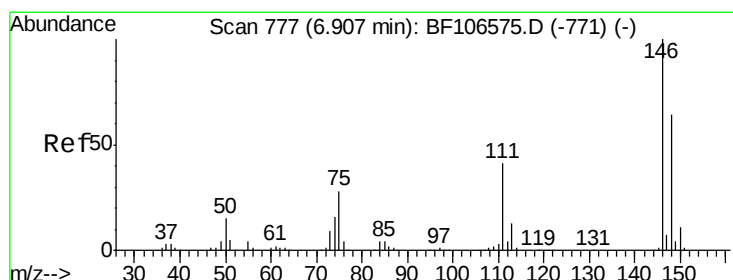
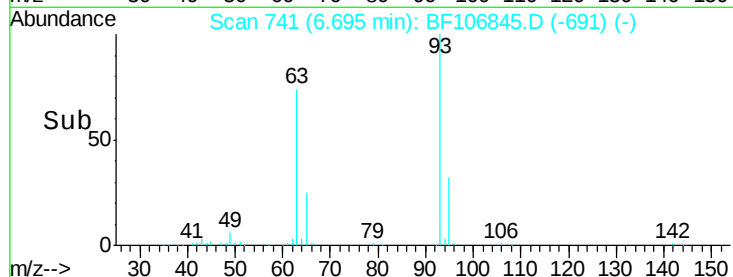
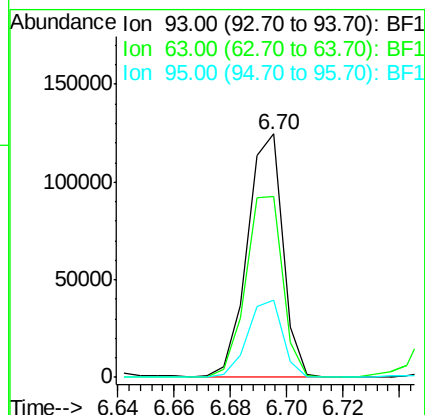
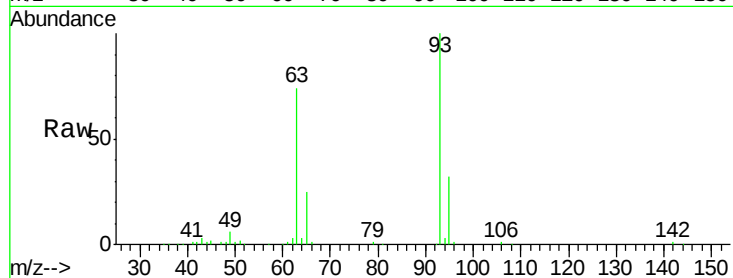




#11
bis(2-Chloroethyl)ether
Concen: 37.371 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

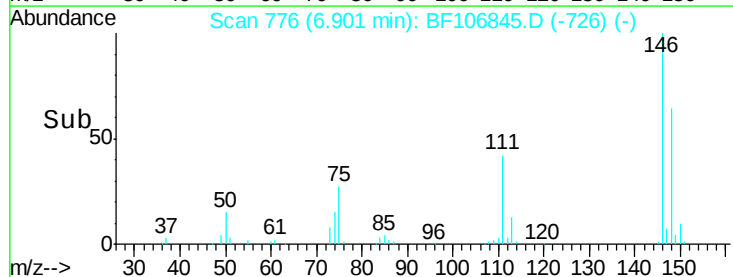
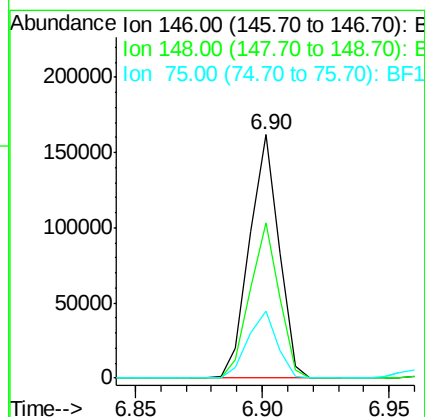
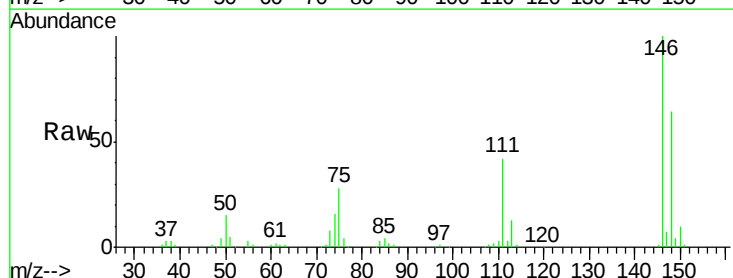
Instrument :
BNA_F
ClientSampleId :
PB110563BS

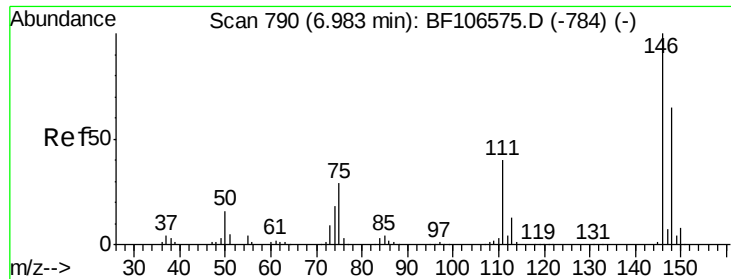
Tgt Ion: 93 Resp: 109078
Ion Ratio Lower Upper
93 100
63 74.3 58.6 98.6
95 31.9 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 41.092 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion: 146 Resp: 130952
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 27.6 24.2 36.4

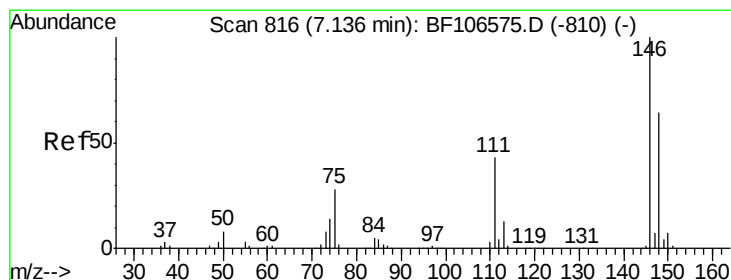
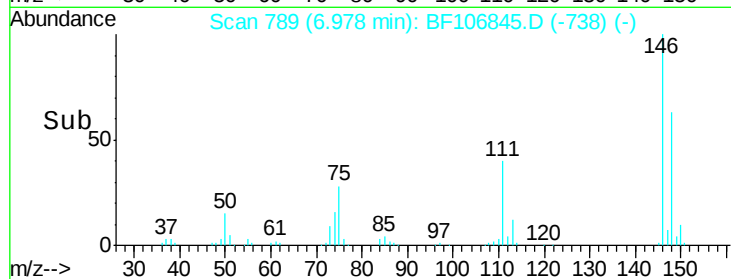
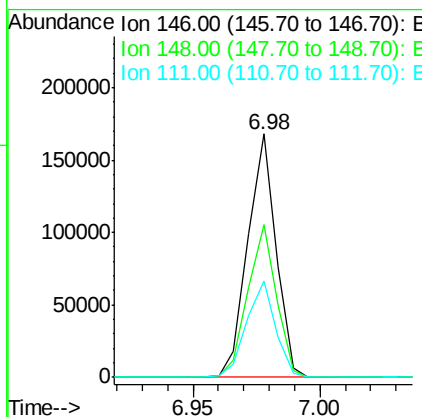
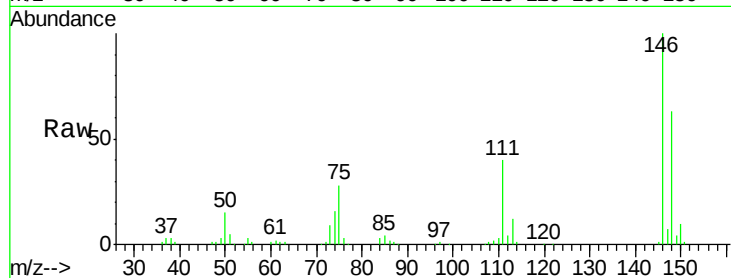




#13
 1,4-Dichlorobenzene
 Concen: 40.523 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

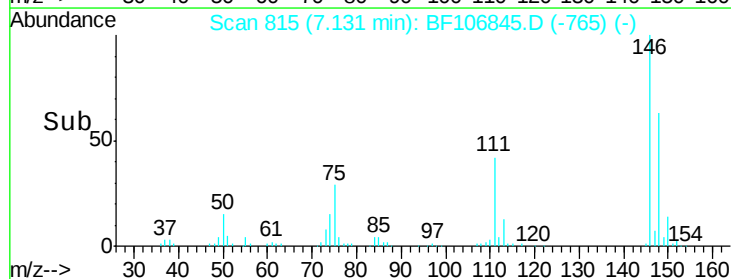
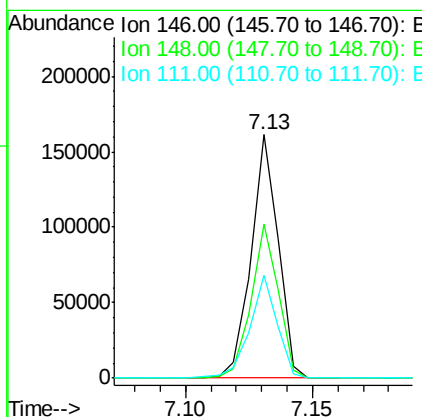
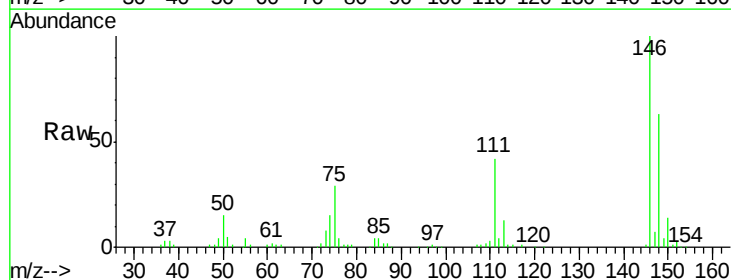
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

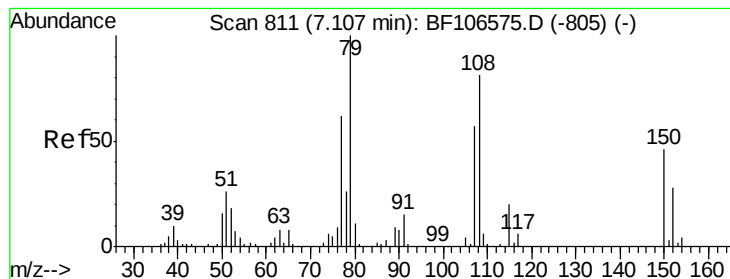
Tgt Ion:146 Resp: 130560
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 39.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.597 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:146 Resp: 119871
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 42.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 36.954 ng

RT: 7.10 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

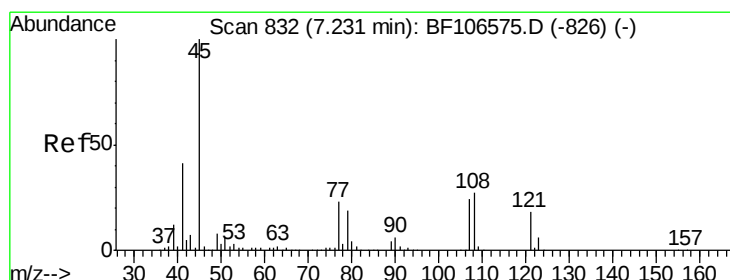
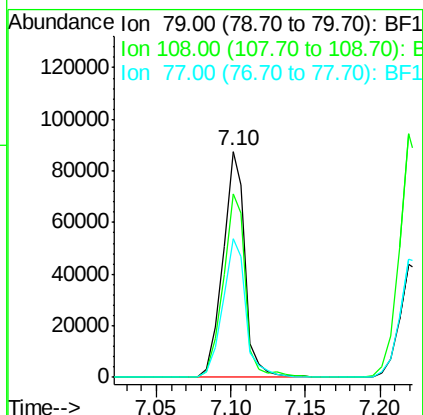
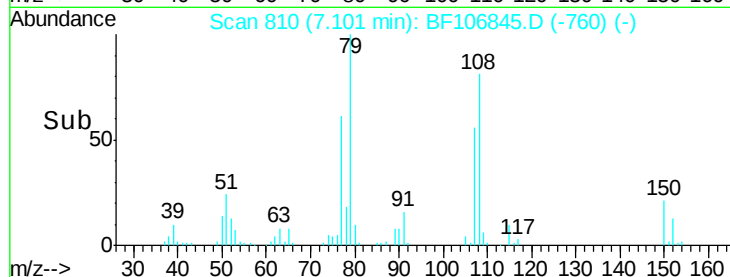
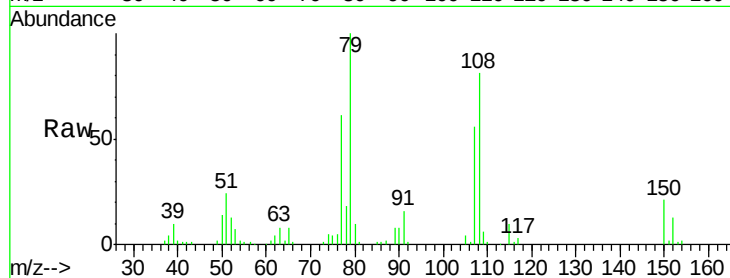
Tgt Ion: 79 Resp: 91925

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.385 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

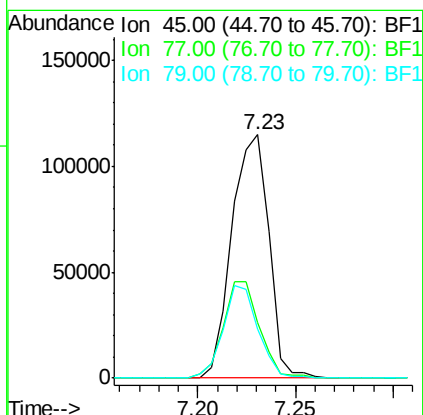
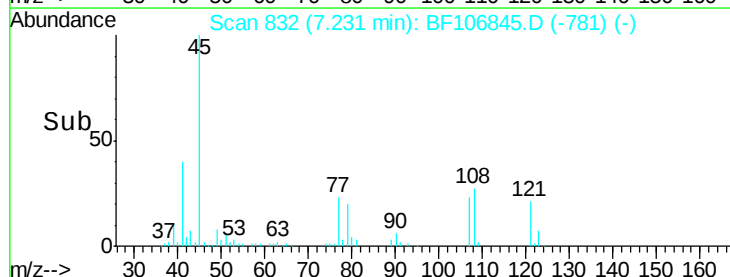
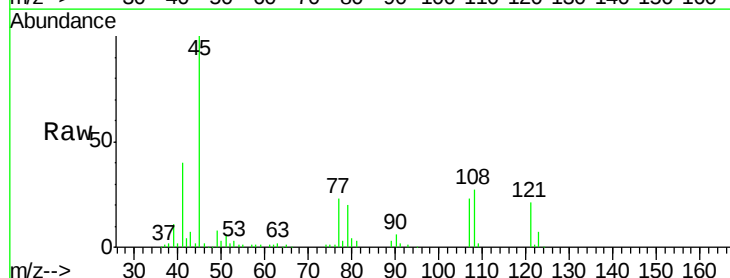
Tgt Ion: 45 Resp: 150824

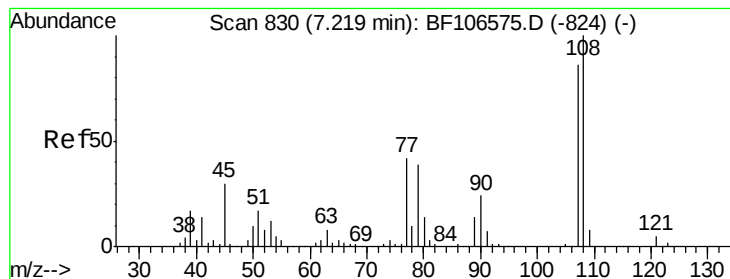
Ion Ratio Lower Upper

45 100

77 22.8 0.0 32.9

79 20.1 0.0 29.6





#17

2-Methylphenol

Concen: 38.703 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

Tgt Ion:107 Resp: 90119

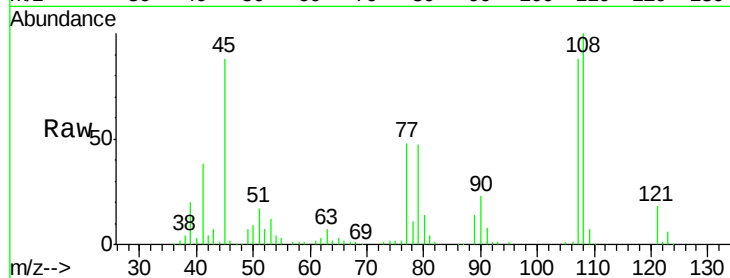
Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 54.9 33.8 50.8#

79 52.7 33.8 50.8#



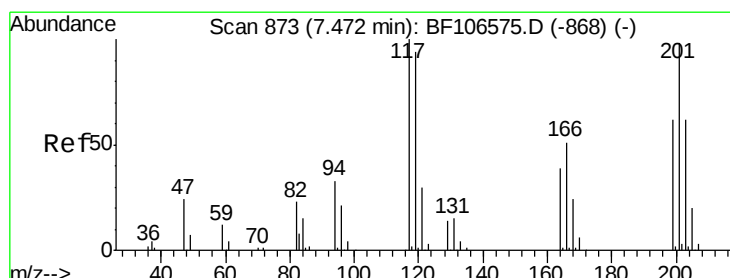
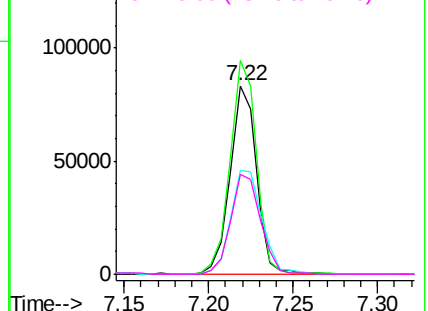
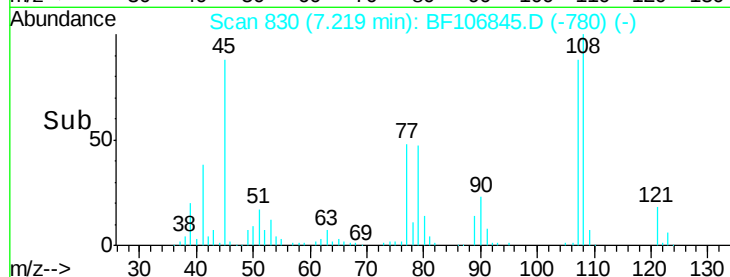
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.668 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

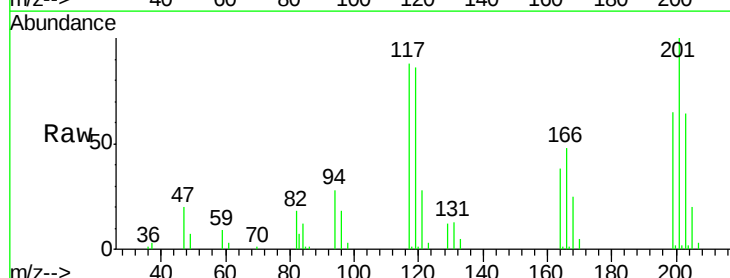
Tgt Ion:117 Resp: 35880

Ion Ratio Lower Upper

117 100

119 97.9 75.8 113.8

201 113.2 75.7 113.5

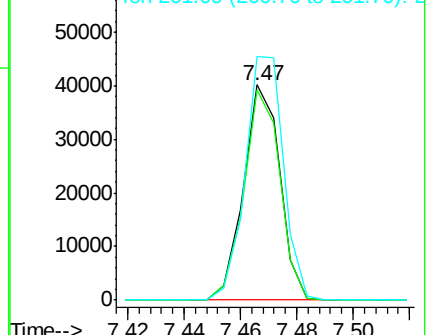
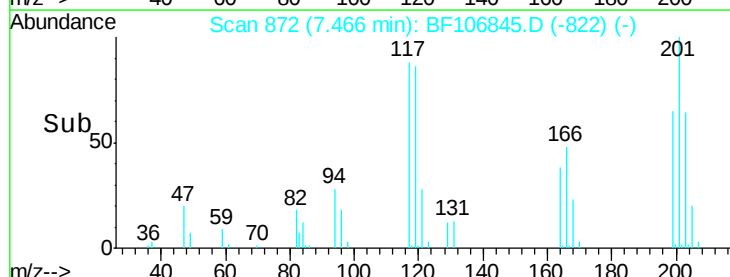


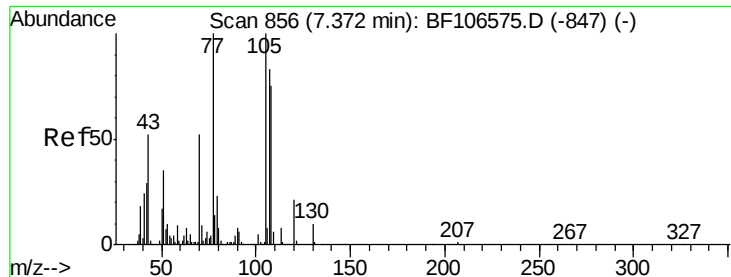
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

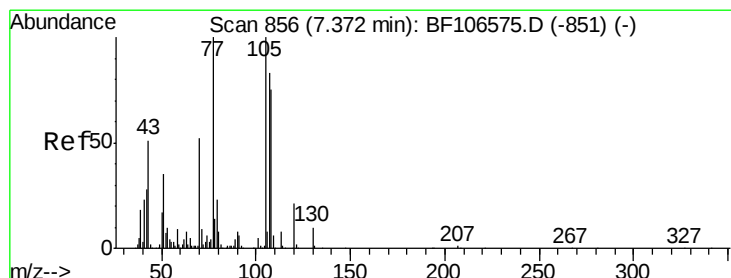
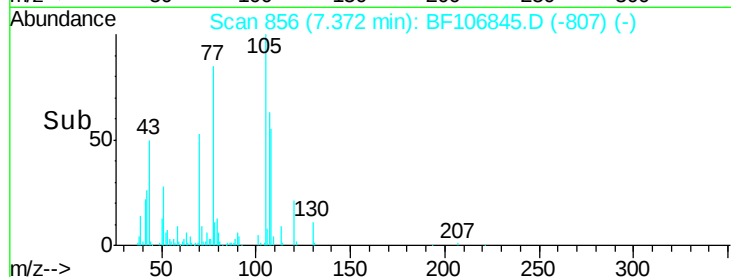
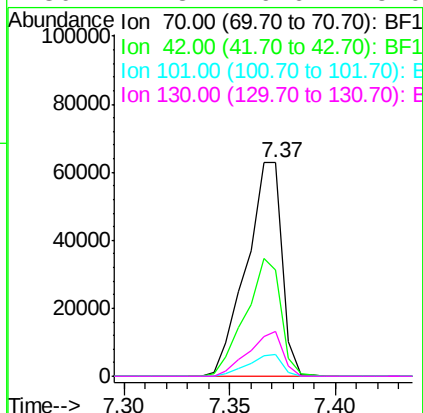
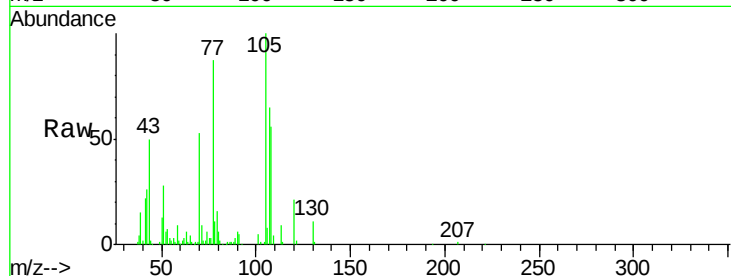




#19
n-Nitroso-di-n-propylamine
Concen: 36.165 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

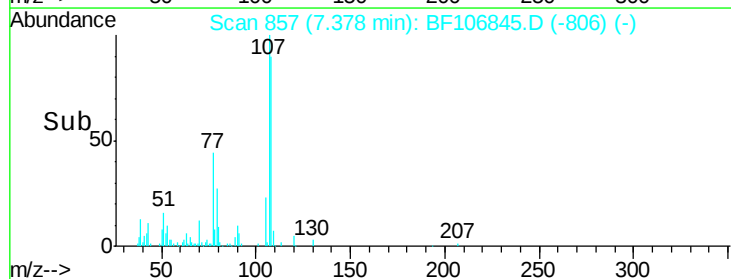
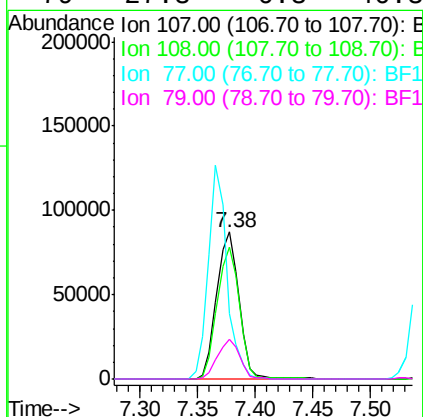
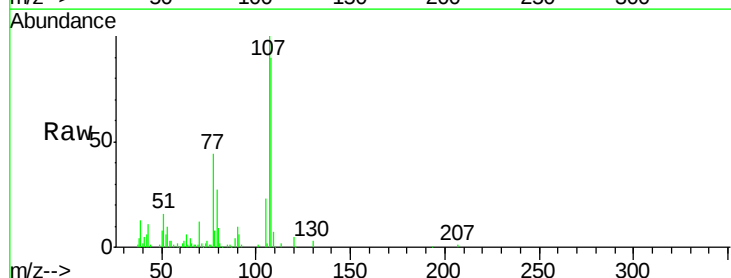
Instrument :
BNA_F
ClientSampleId :
PB110563BS

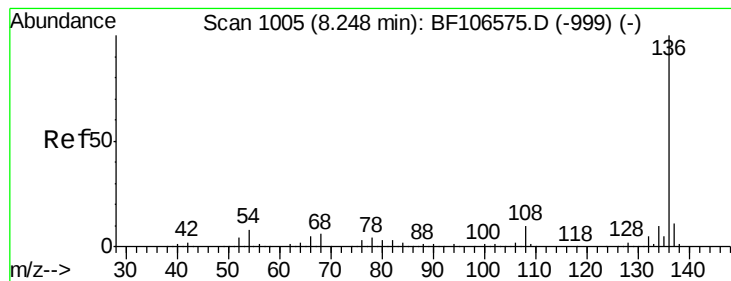
Tgt Ion:	70	Resp:	73853
Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.5	71.3
101	10.2	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.185 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:	107	Resp:	116990
Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.2	108.2
77	44.0	26.7	66.7
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

Tgt Ion:136 Resp: 155116

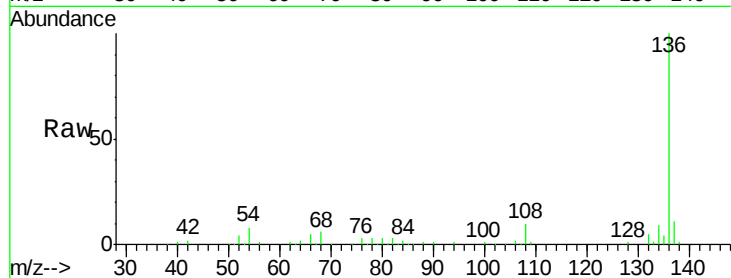
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 5.9 5.0 7.4

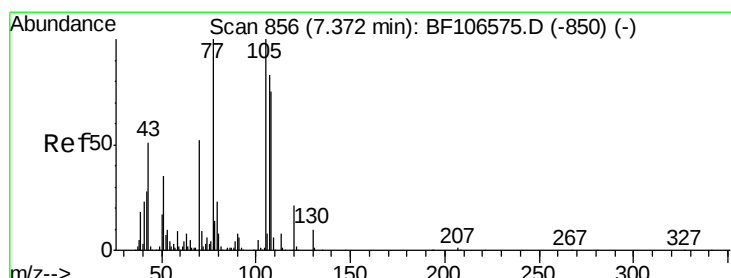
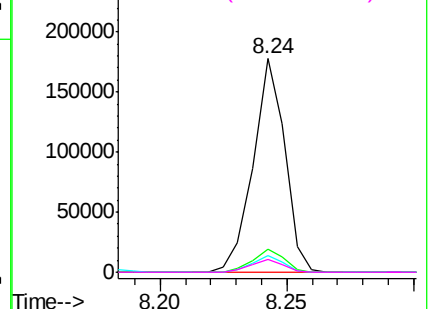
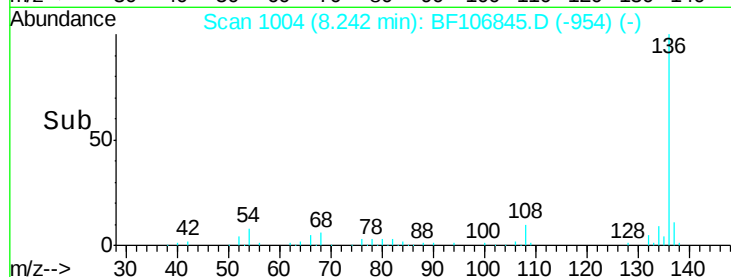


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.175 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion:105 Resp: 149832

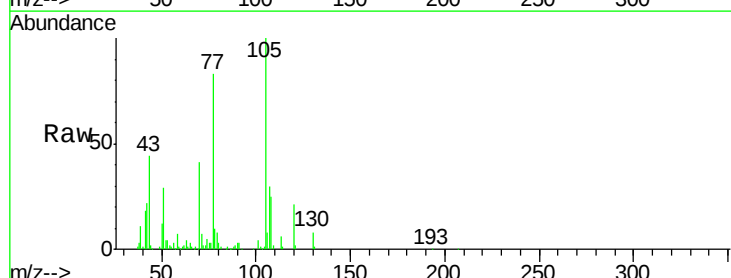
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 28.6 22.3 33.5

120 21.0 16.9 25.3

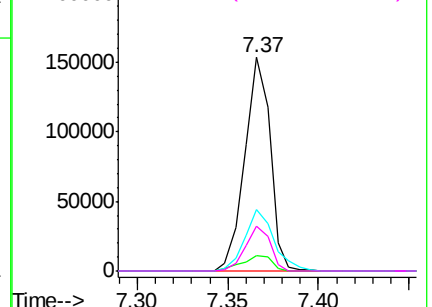
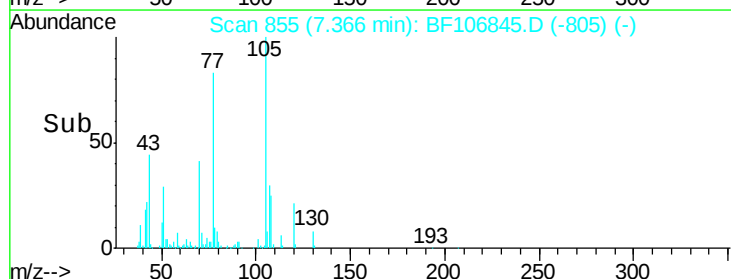


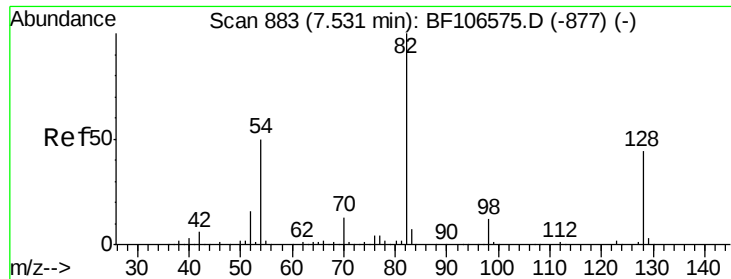
Abundance Ion 105.00 (104.70 to 105.70): E

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

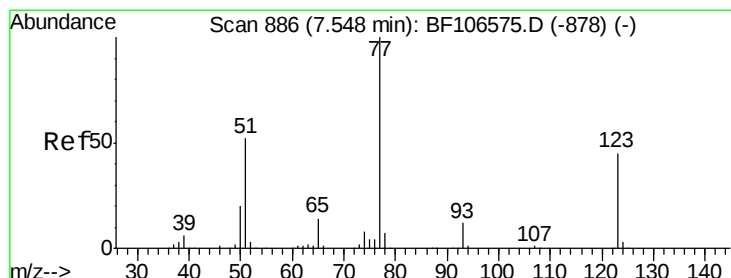
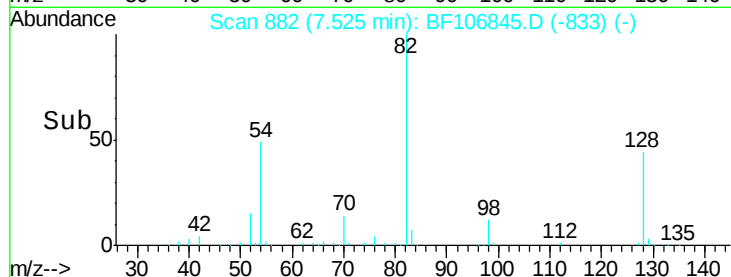
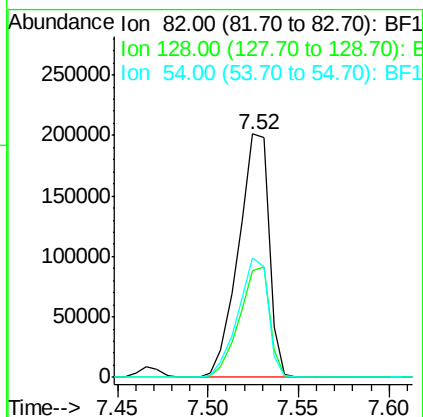
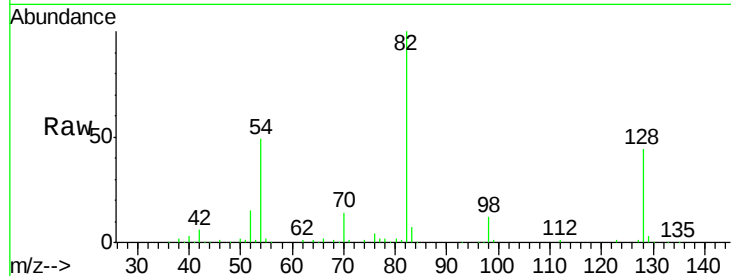




#23
 Nitrobenzene-d5
 Concen: 84.586 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

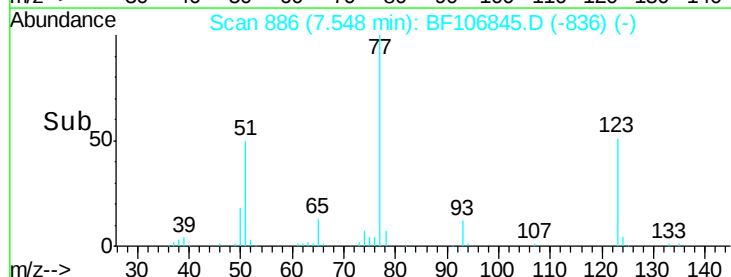
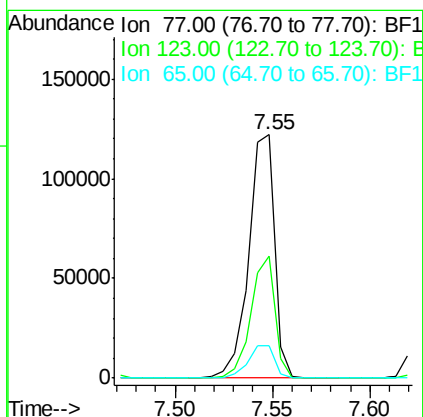
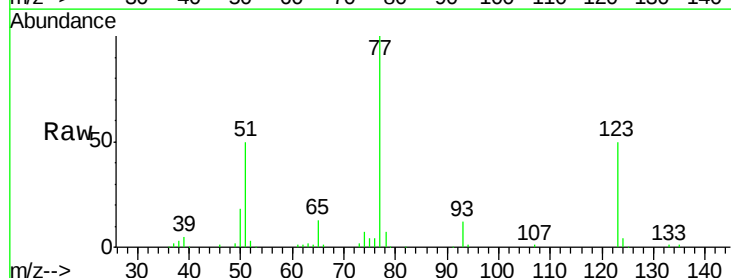
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

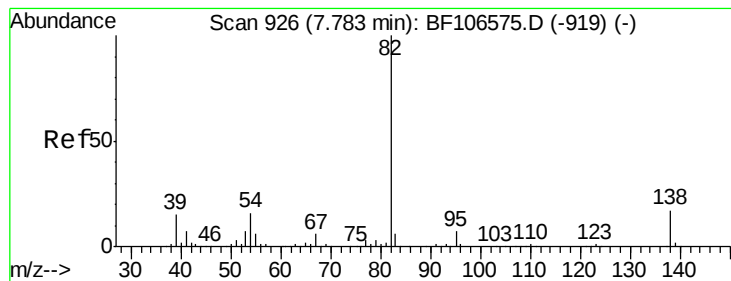
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	49.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 39.490 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 41.925 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

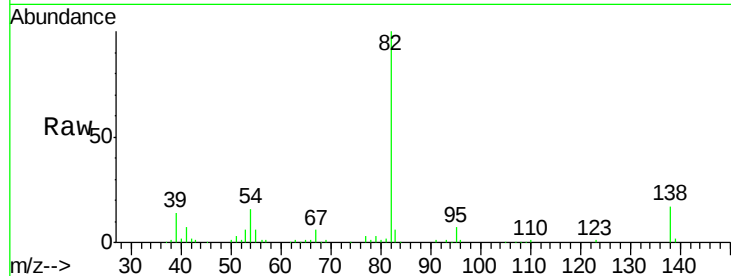
Tgt Ion: 82 Resp: 206206

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

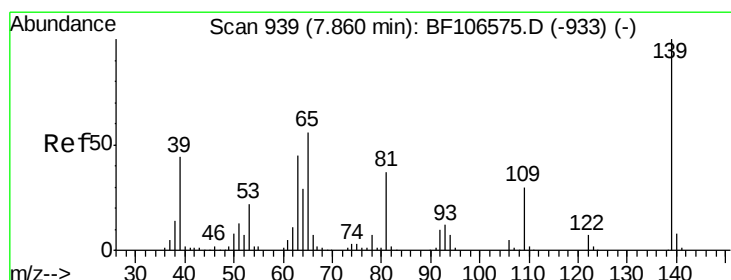
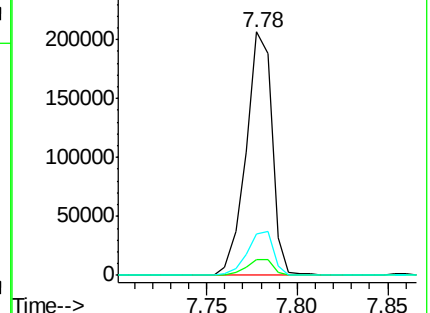
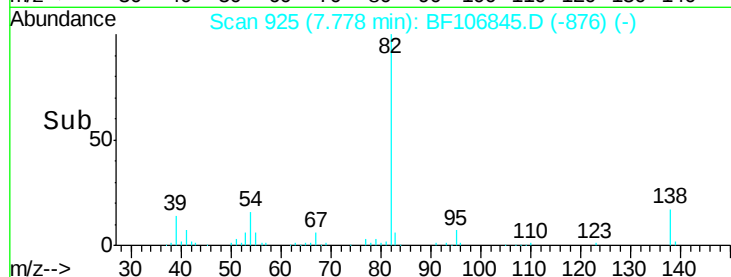
138 17.1 14.9 22.3



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: 32.693 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

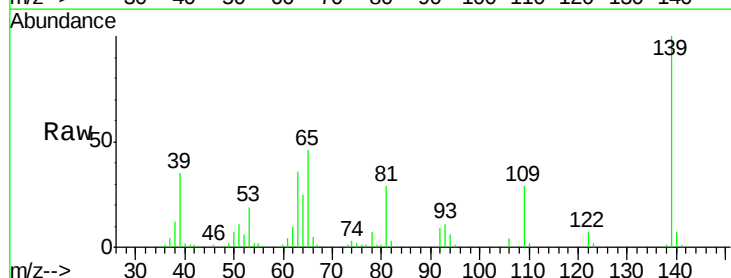
Tgt Ion: 139 Resp: 43980

Ion Ratio Lower Upper

139 100

109 28.7 22.7 34.1

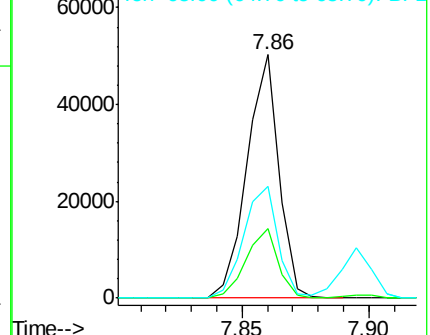
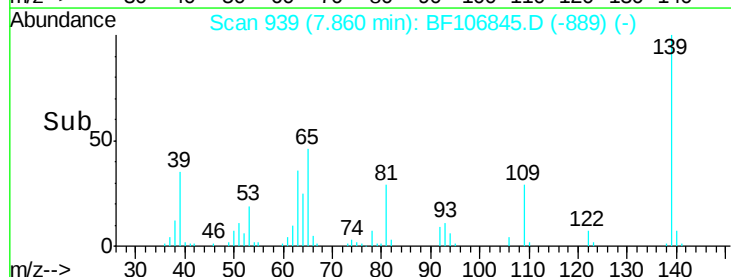
65 46.1 40.5 60.7

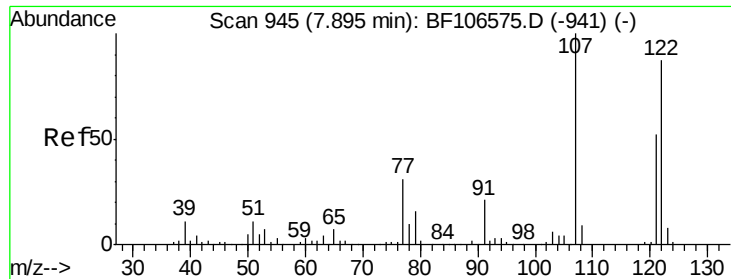


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

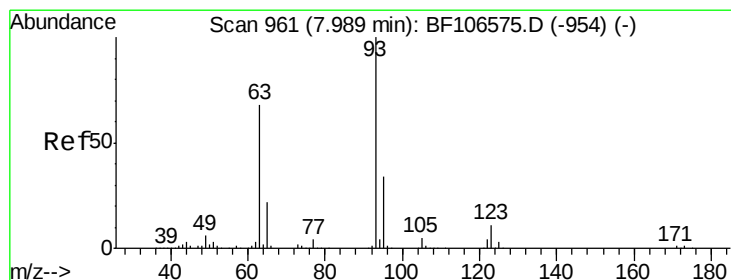
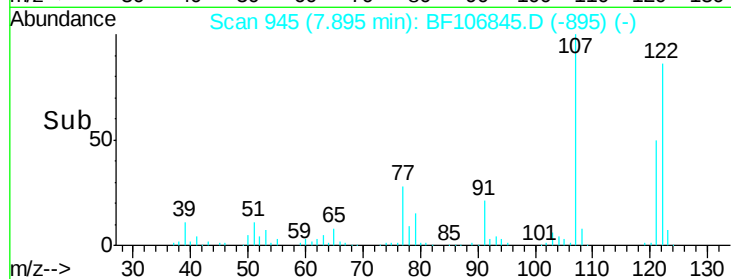
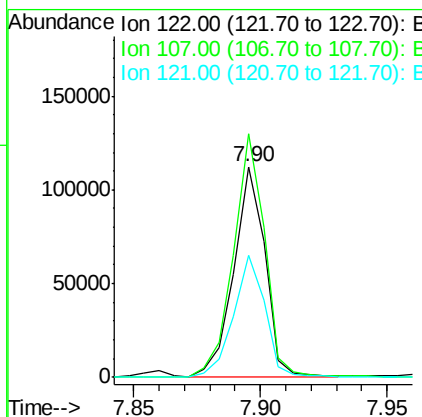
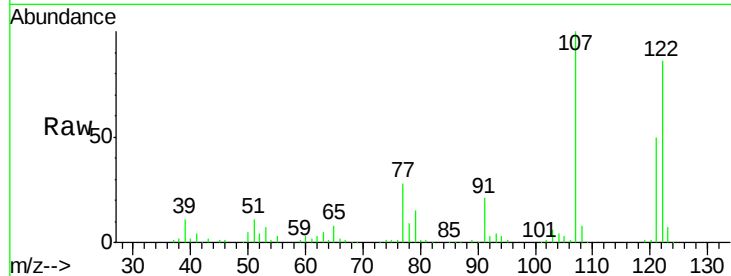




#27
 2,4-Dimethylphenol
 Concen: 45.986 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

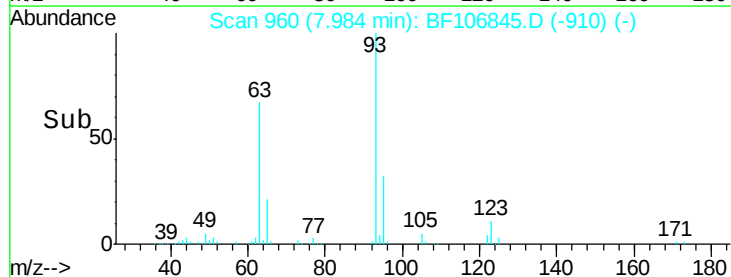
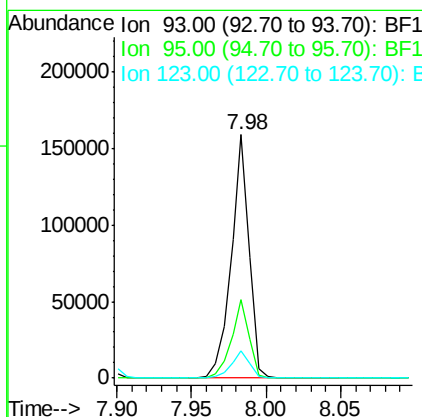
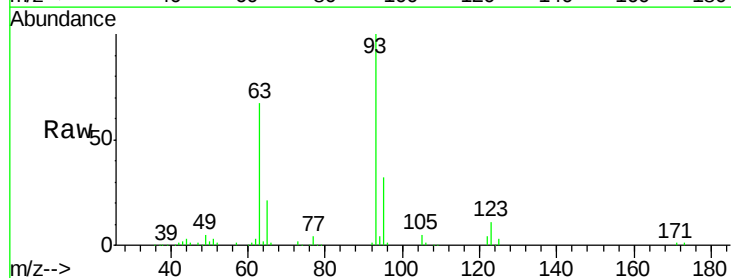
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

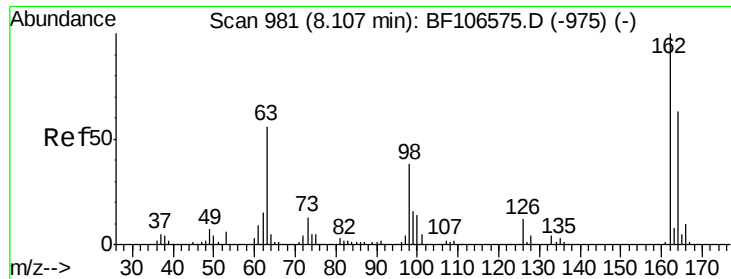
Tgt Ion:122 Resp: 95619
 Ion Ratio Lower Upper
 122 100
 107 115.7 91.2 136.8
 121 57.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.843 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion: 93 Resp: 134880
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 11.0 9.8 14.6

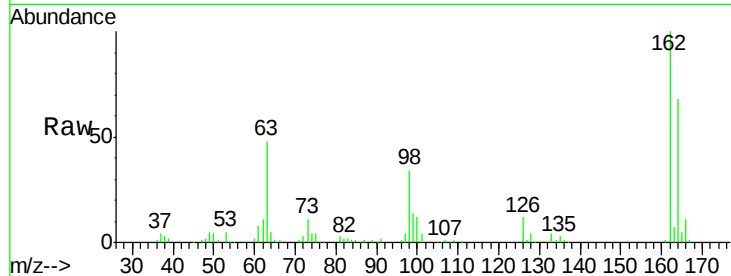




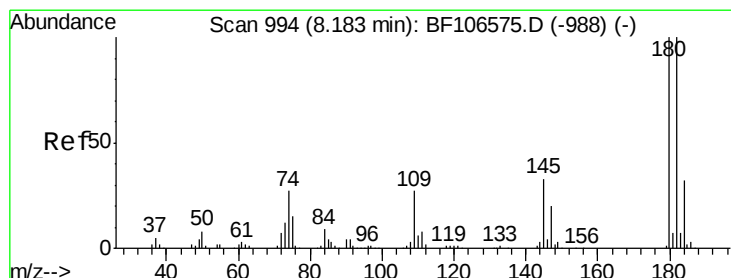
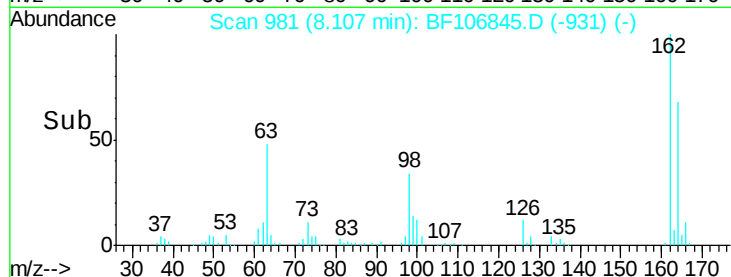
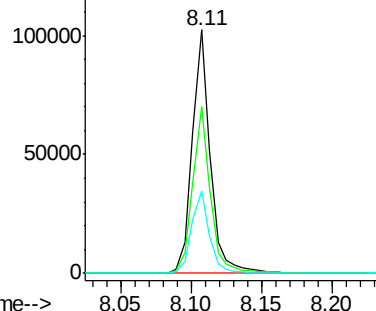
#29
2,4-Dichlorophenol
Concen: 41.905 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.4	42.7	82.7
98	34.0	18.1	58.1

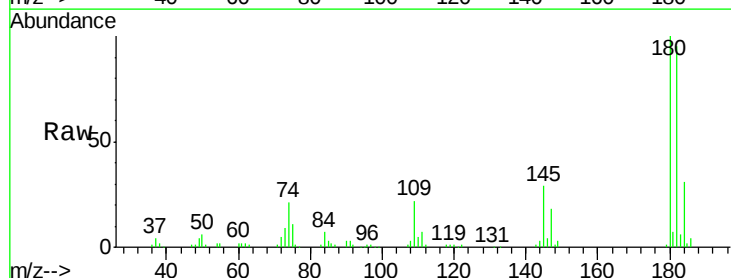


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

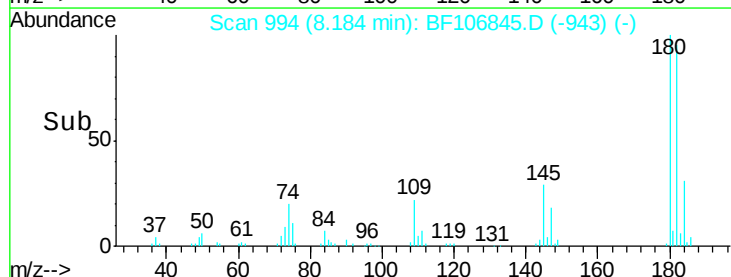
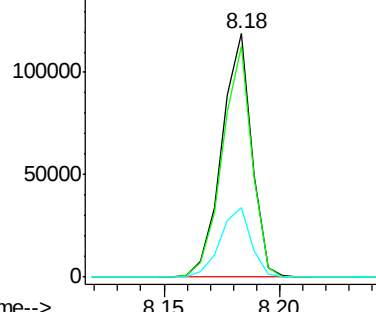


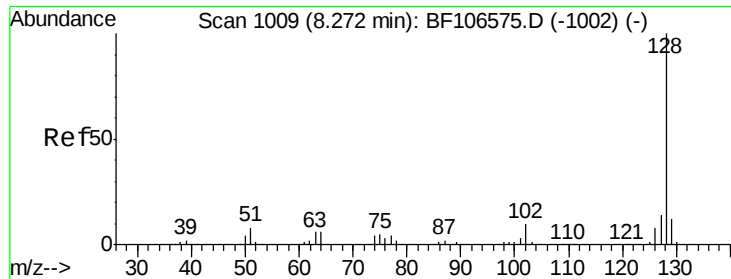
#30
1,2,4-Trichlorobenzene
Concen: 44.958 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.8	115.2
145	28.8	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

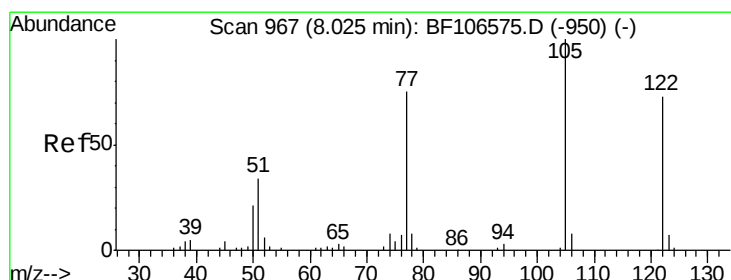
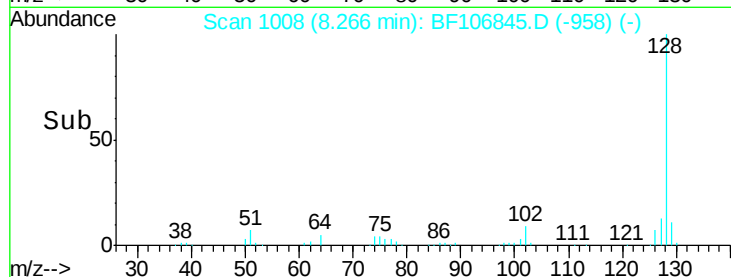
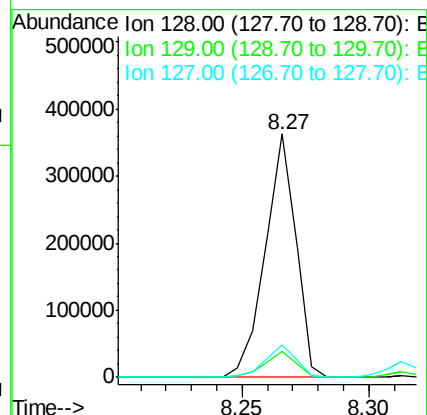
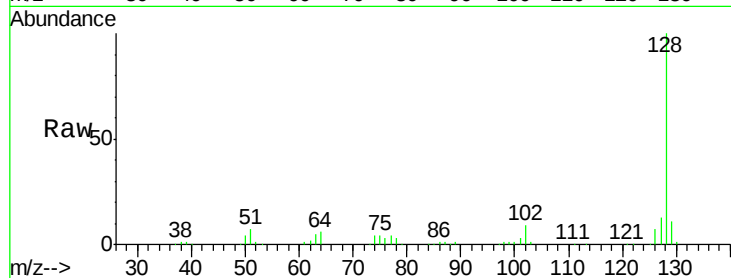




#31
Naphthalene
Concen: 42.559 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

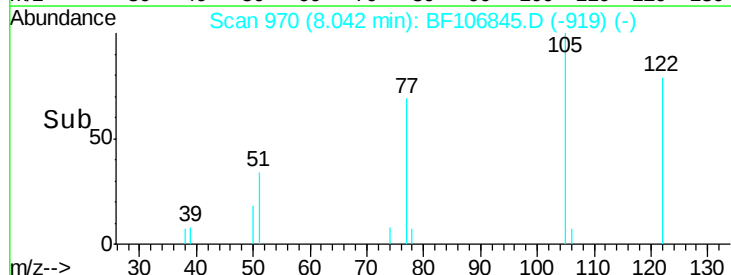
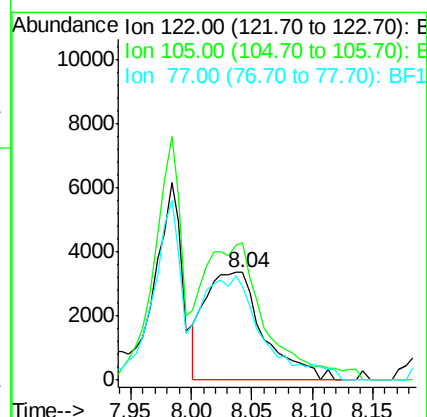
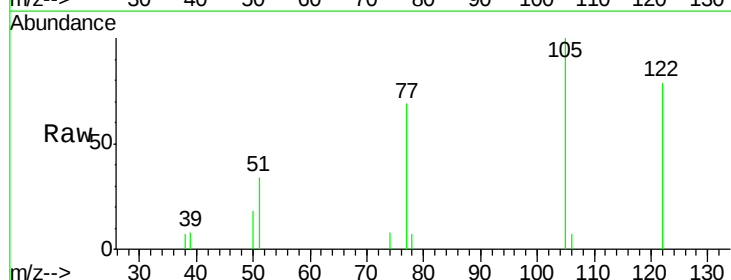
Instrument :
BNA_F
ClientSampleId :
PB110563BS

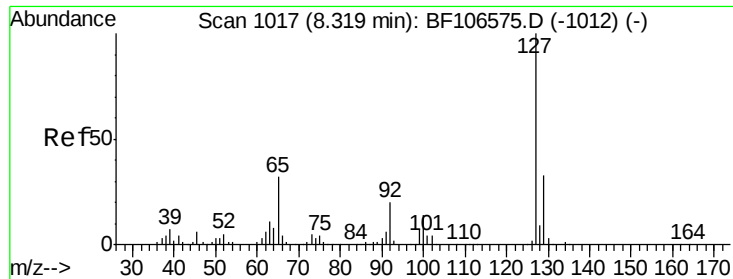
Tgt Ion:128 Resp: 308641
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 12.314 ng
RT: 8.04 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:122 Resp: 11307
Ion Ratio Lower Upper
122 100
105 127.1 101.1 141.1
77 87.4 70.7 110.7

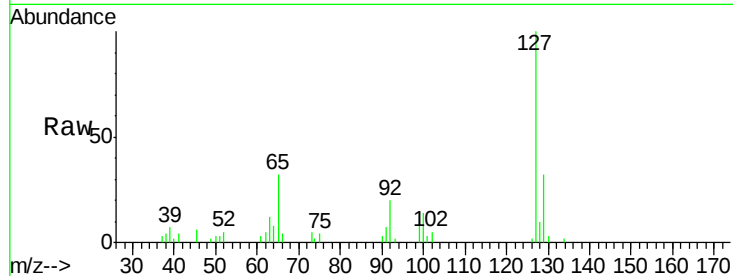




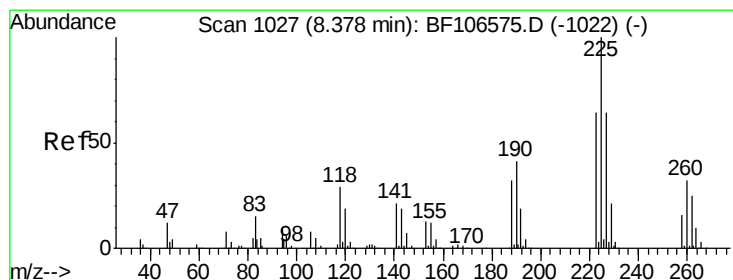
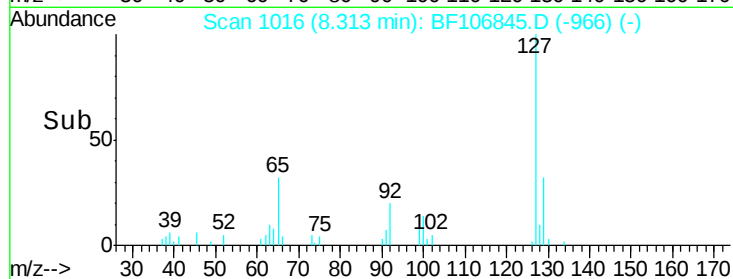
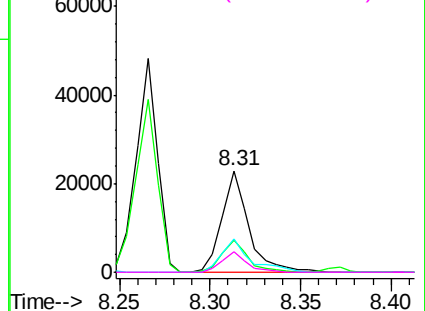
#33
4-Chloroaniline
Concen: 7.760 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion:	127	Resp:	23614
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	32.4	25.0	37.4
92	20.0	15.2	22.8

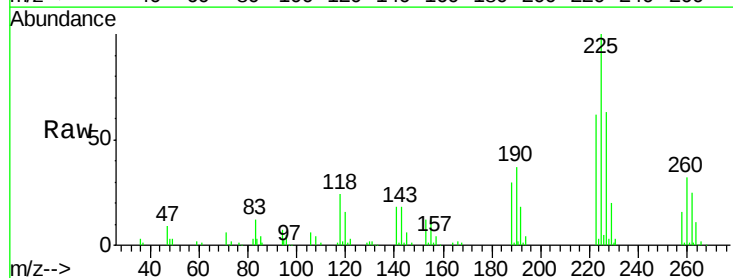


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

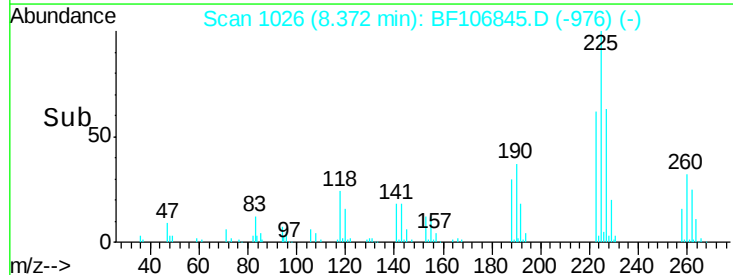
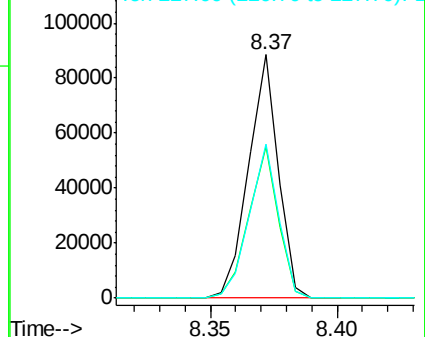


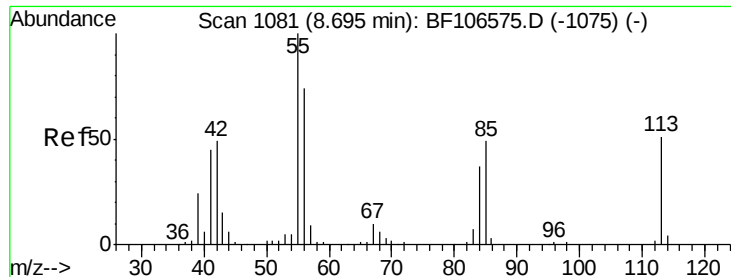
#34
Hexachlorobutadiene
Concen: 46.280 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:	225	Resp:	72317
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.1	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

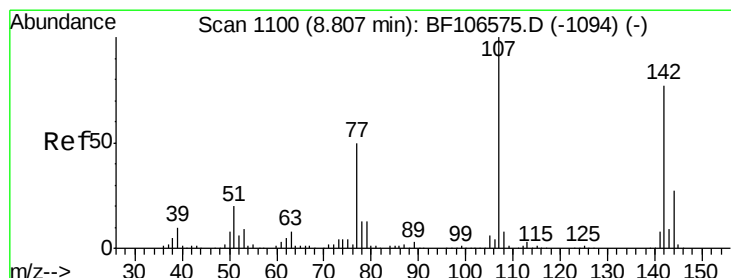
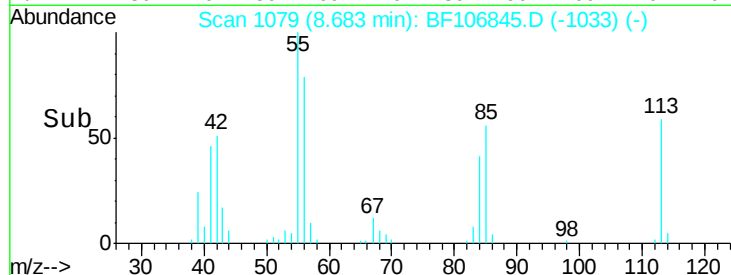
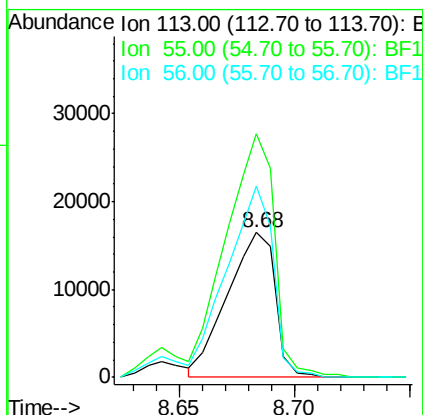
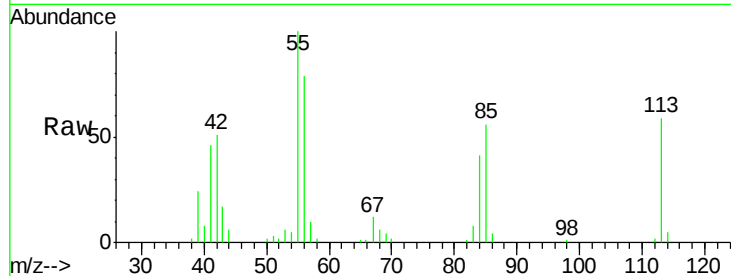




#35
 Caprolactam
 Concen: 33.313 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

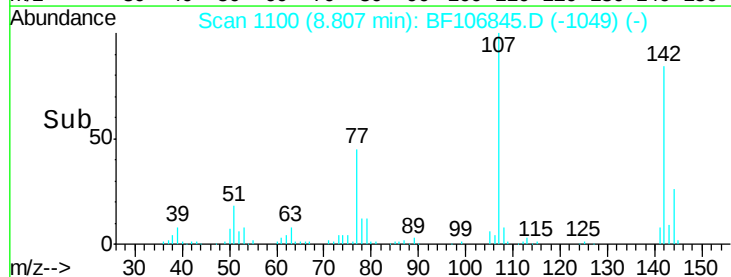
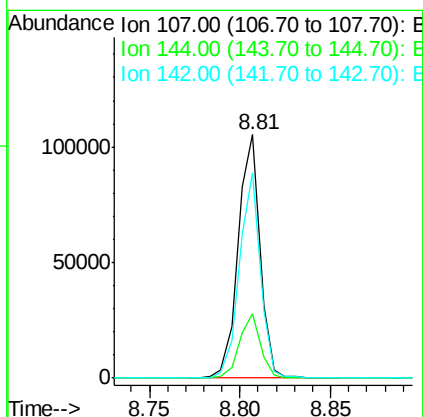
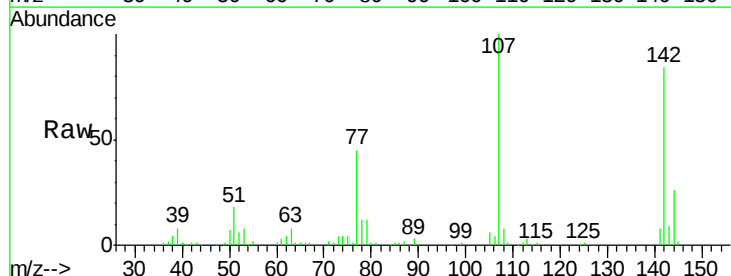
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

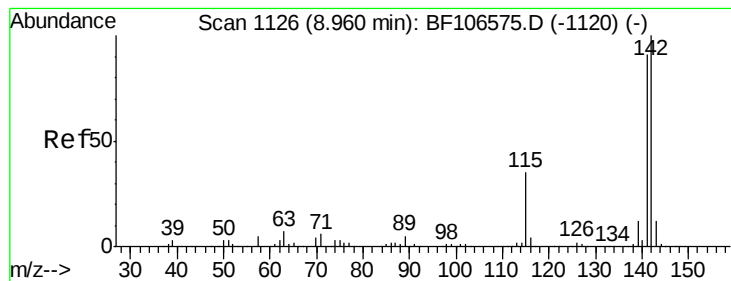
Tgt Ion:113 Resp: 23639
 Ion Ratio Lower Upper
 113 100
 55 168.5 163.3 203.3
 56 132.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.687 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:107 Resp: 88644
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 84.5 62.0 93.0





#37

2-Methylnaphthalene

Concen: 45.845 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

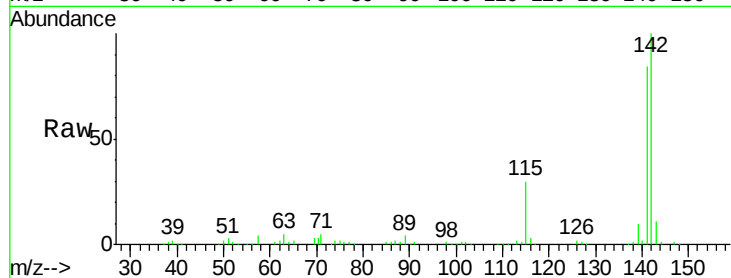
Tgt Ion:142 Resp: 220373

Ion Ratio Lower Upper

142 100

141 83.9 70.8 106.2

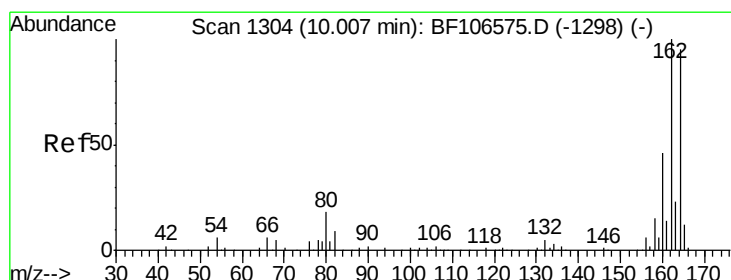
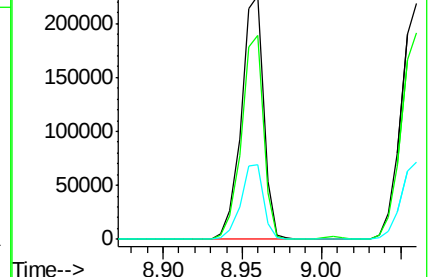
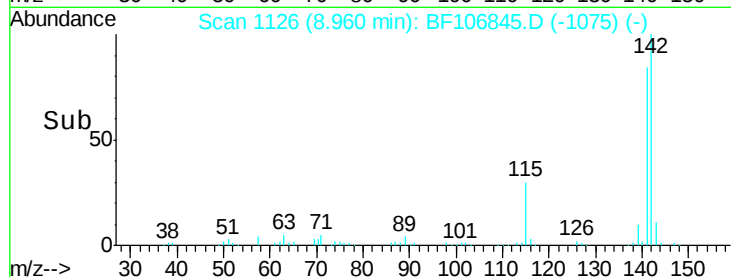
115 30.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

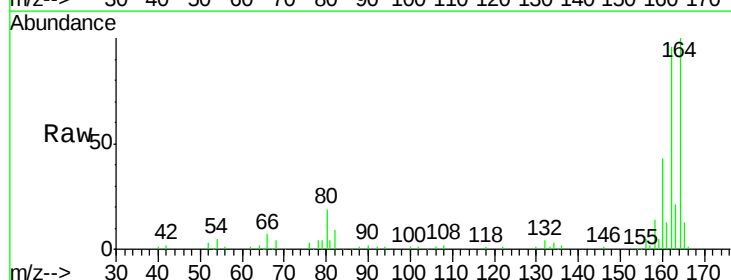
Tgt Ion:164 Resp: 72079

Ion Ratio Lower Upper

164 100

162 96.1 86.1 129.1

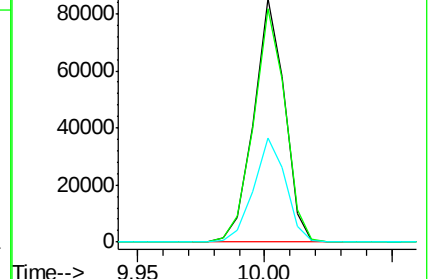
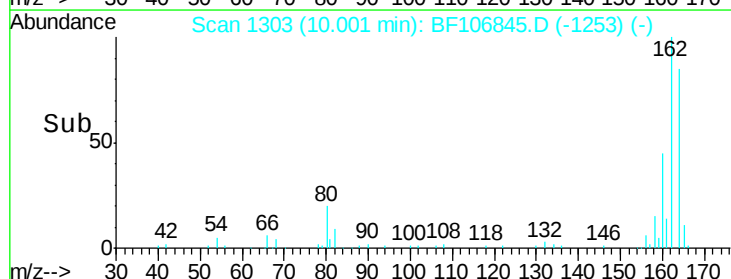
160 43.0 38.3 57.5

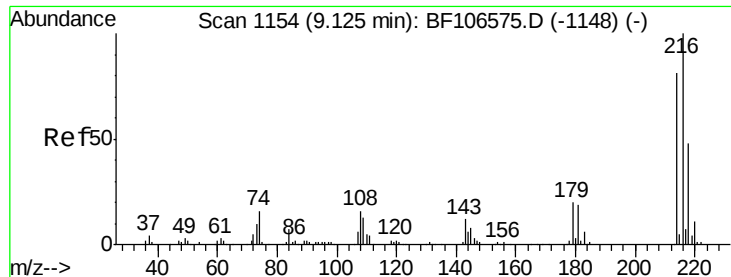


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

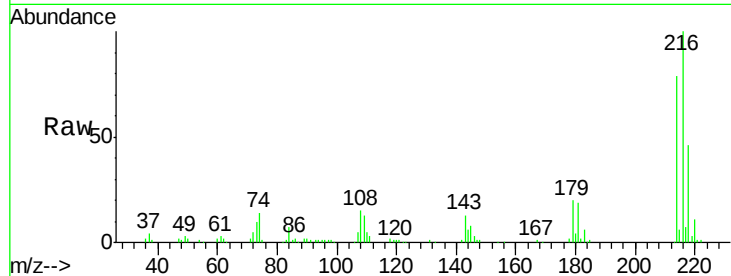




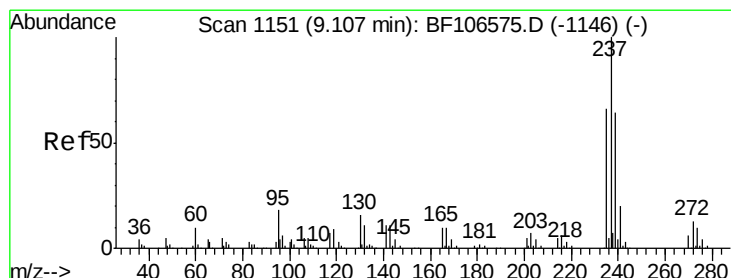
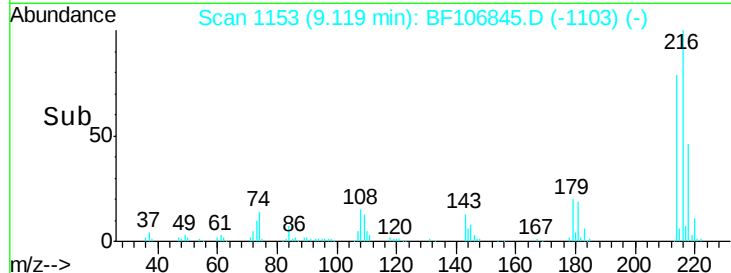
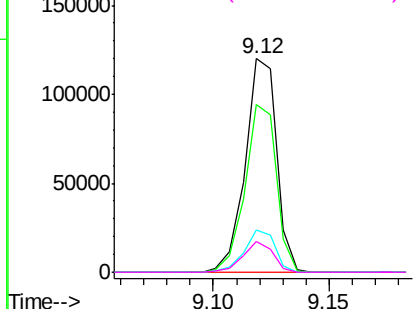
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.156 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	19.3	18.1	27.1
108	14.0	17.2	25.8

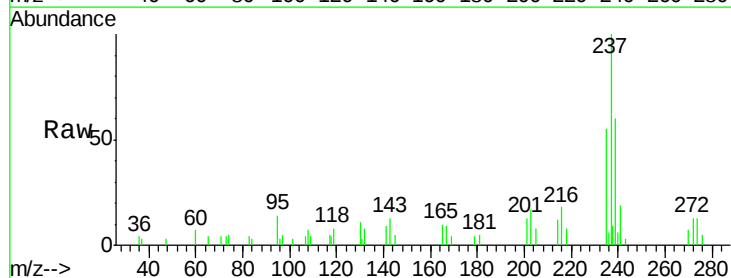


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

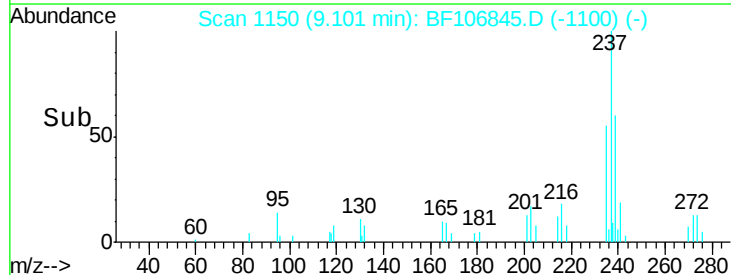
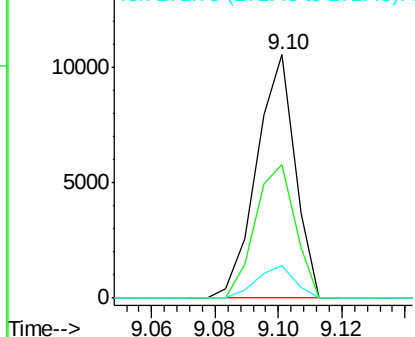


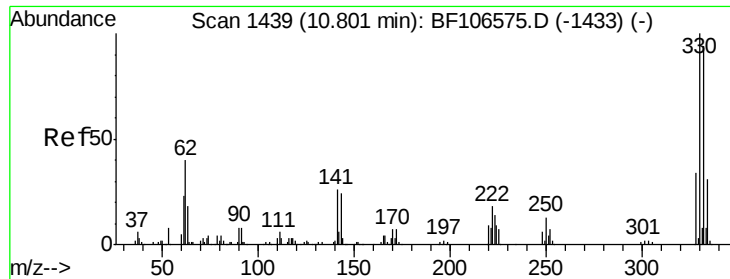
#40
 Hexachlorocyclopentadiene
 Concen: 7.104 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	54.7	44.8	84.8
272	13.2	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

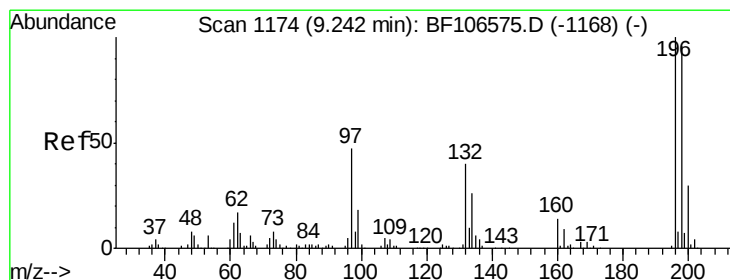
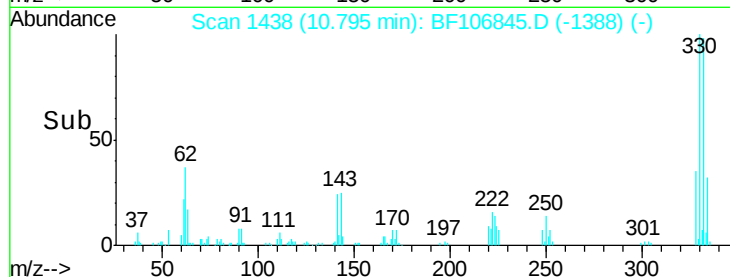
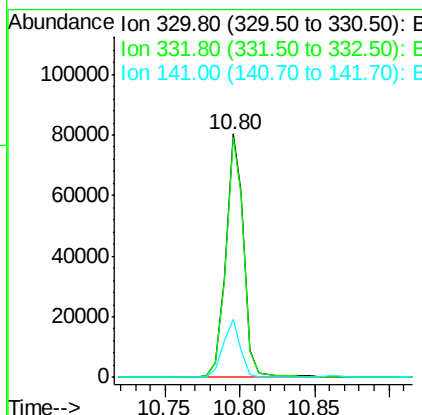
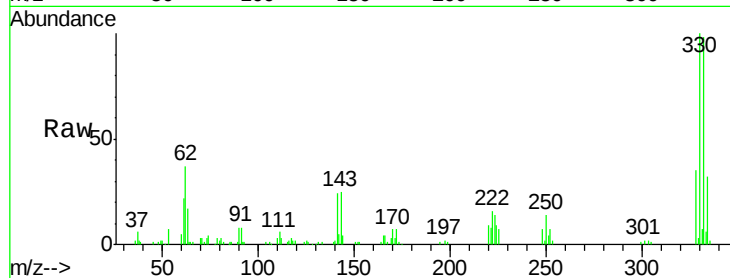




#41
 2,4,6-Tribromophenol
 Concen: 81.869 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

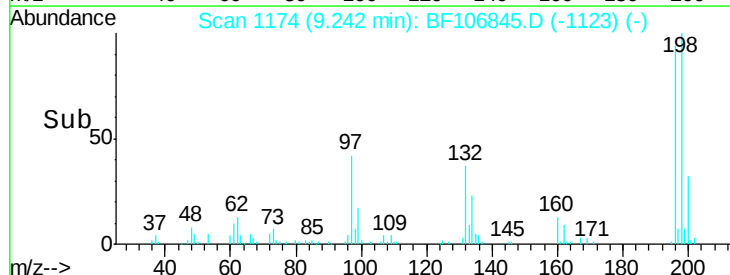
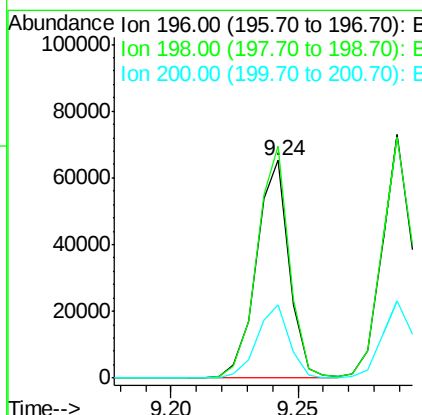
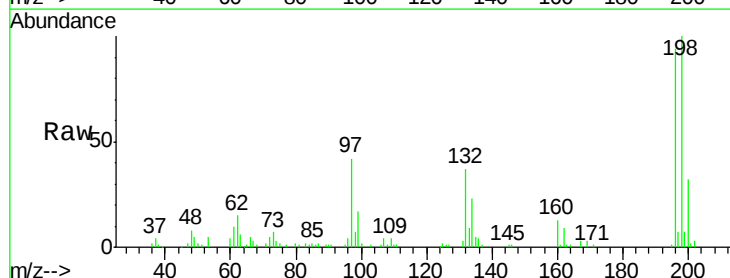
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

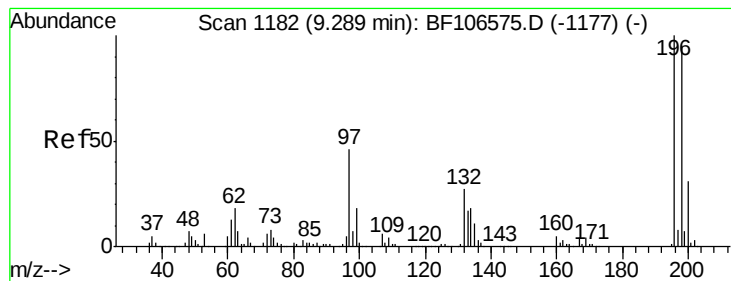
Tgt Ion:330 Resp: 68395
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 22.5 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 36.470 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:196 Resp: 58845
 Ion Ratio Lower Upper
 196 100
 198 106.5 75.7 113.5
 200 33.6 24.5 36.7

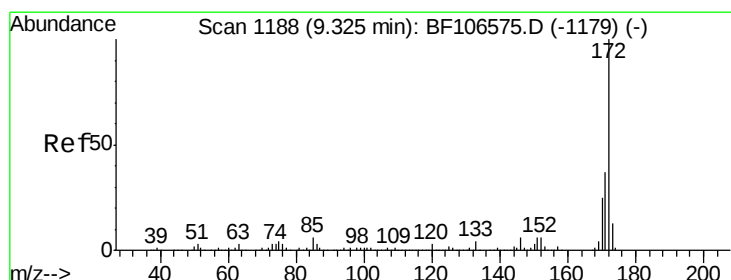
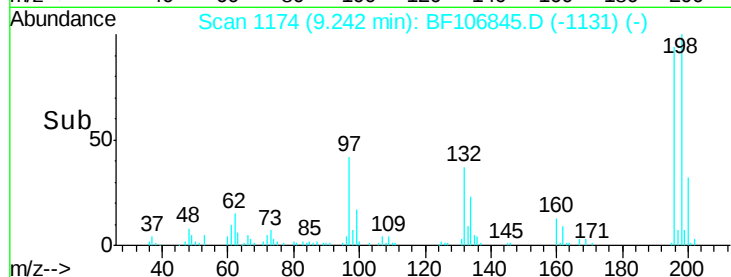
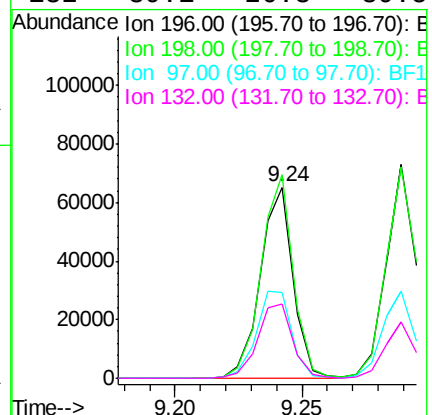
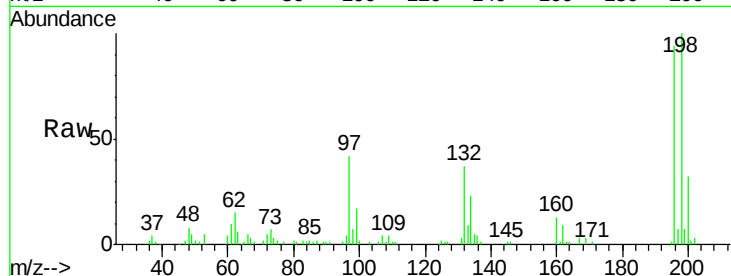




#43
 2,4,5-Trichlorophenol
 Concen: 34.950 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

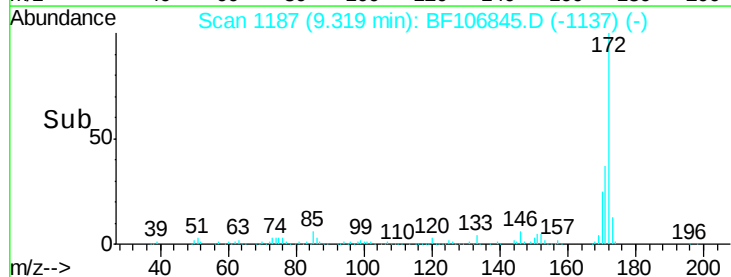
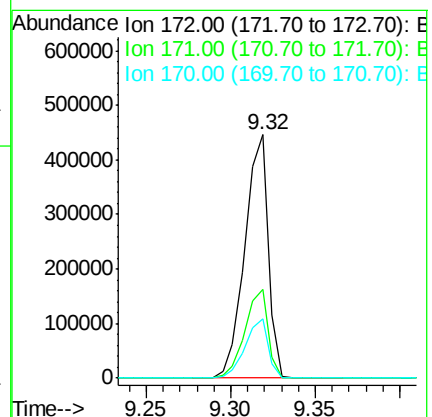
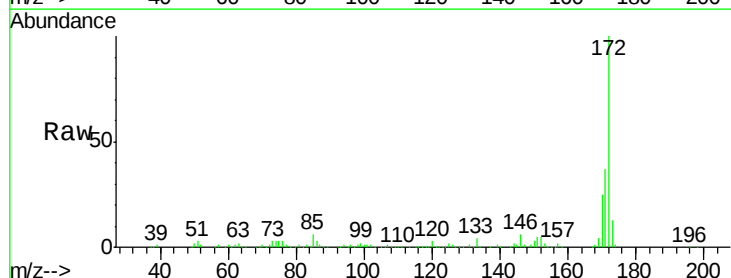
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

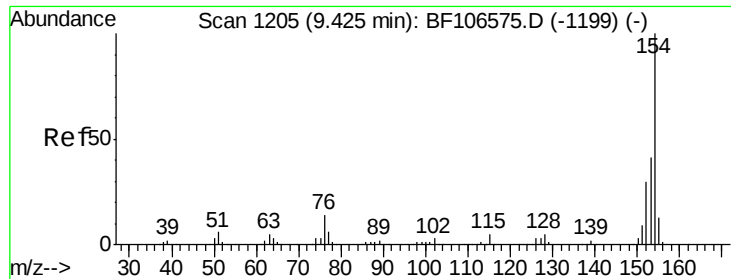
Tgt Ion:	196	Resp:	58845
Ion	Ratio	Lower	Upper
196	100		
198	106.5	74.6	112.0
97	45.1	42.9	64.3
132	39.1	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 104.519 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:	172	Resp:	430659
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4





#45

1,1'-Biphenyl

Concen: 45.665 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

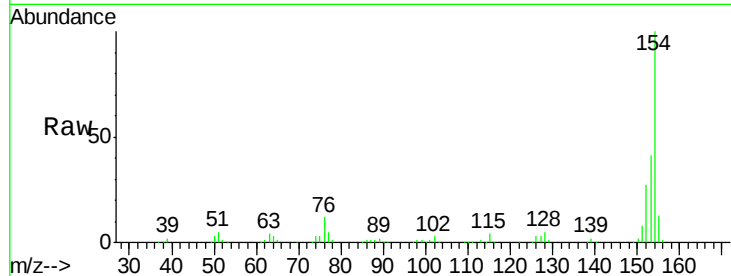
Tgt Ion:154 Resp: 262318

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

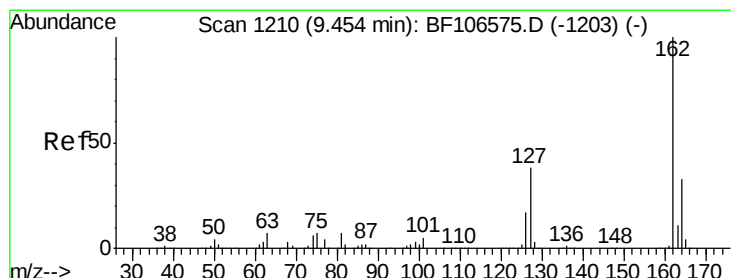
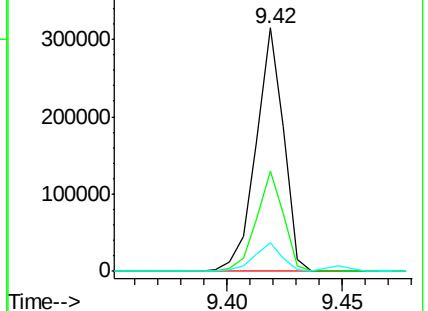
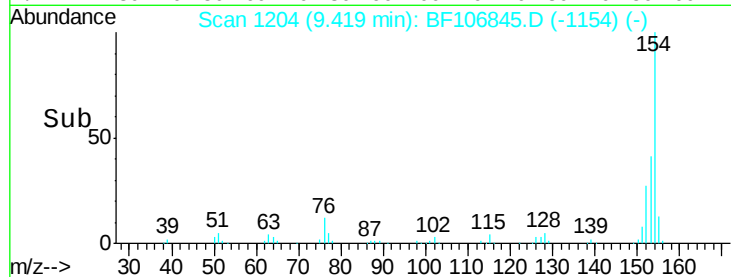
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 41.022 ng

RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

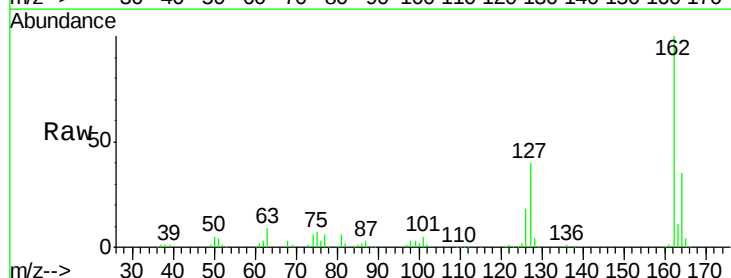
Tgt Ion:162 Resp: 185486

Ion Ratio Lower Upper

162 100

127 39.9 33.9 50.9

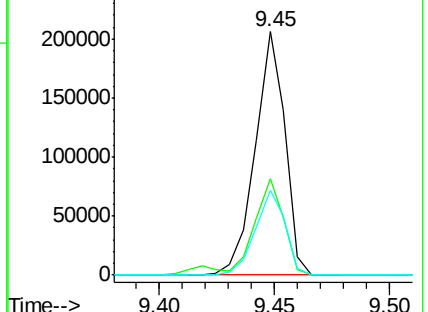
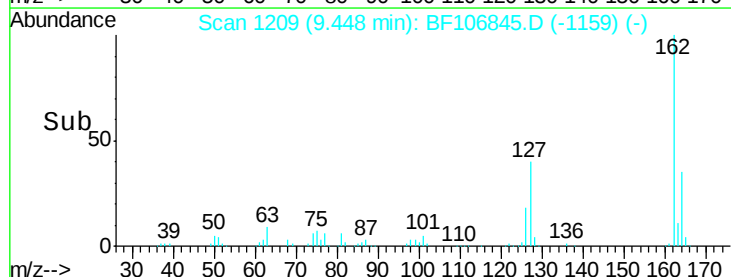
164 35.1 26.5 39.7

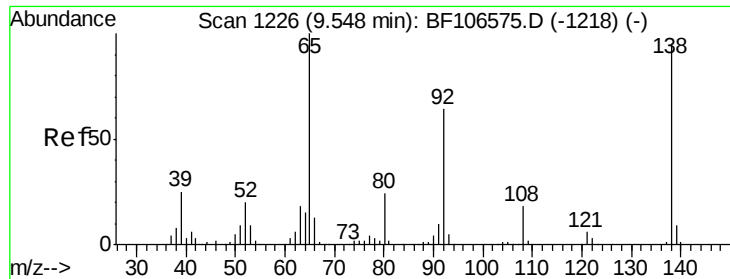


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

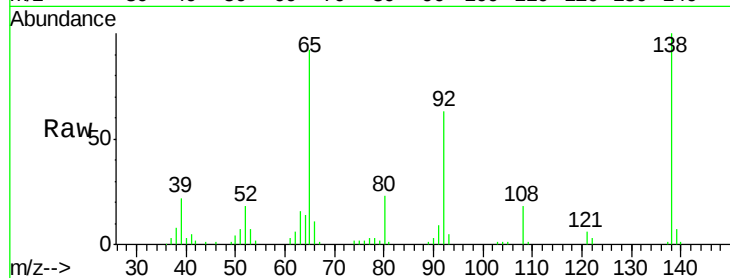




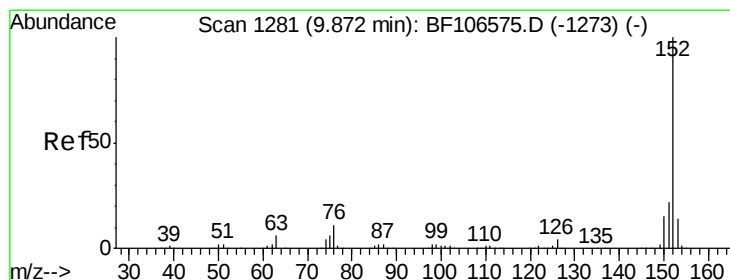
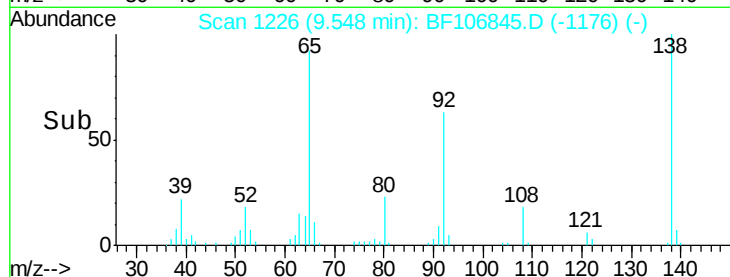
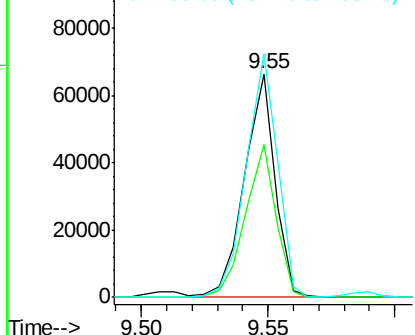
#47
2-Nitroaniline
Concen: 36.693 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion: 65 Resp: 55791
Ion Ratio Lower Upper
65 100
92 68.1 55.8 83.6
138 108.9 91.2 136.8

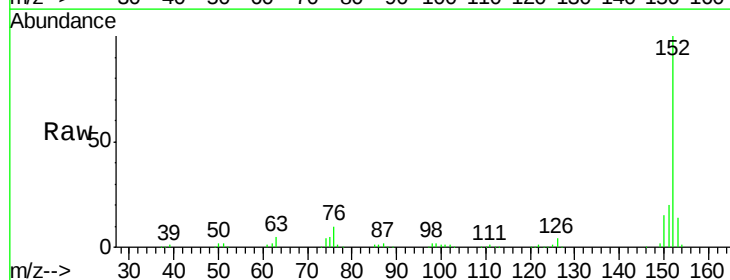


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

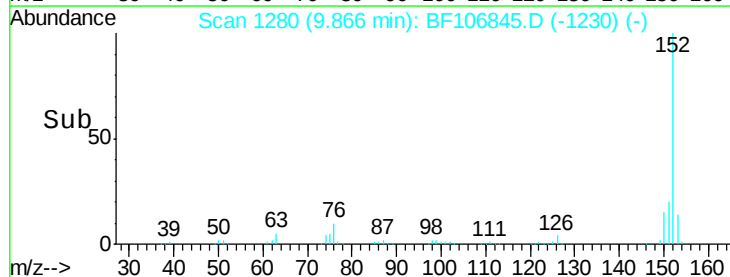
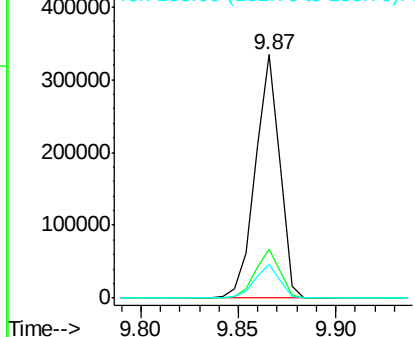


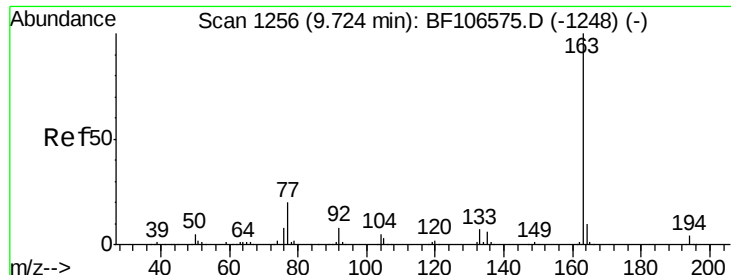
#48
Acenaphthylene
Concen: 40.507 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion: 152 Resp: 289167
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.9 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1

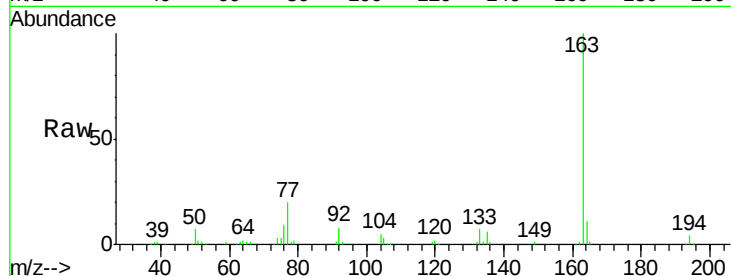




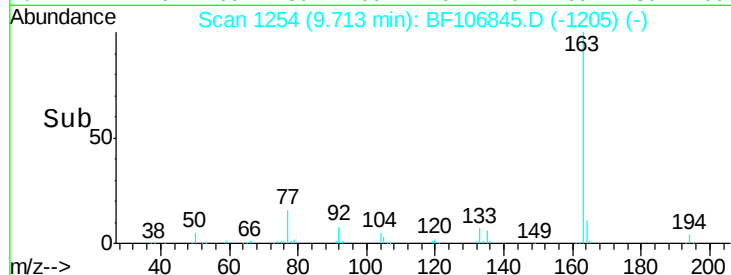
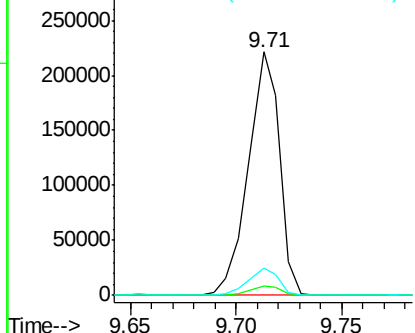
#49
Dimethylphthalate
Concen: 42.024 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion:163 Resp: 227183
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.0 8.2 12.2

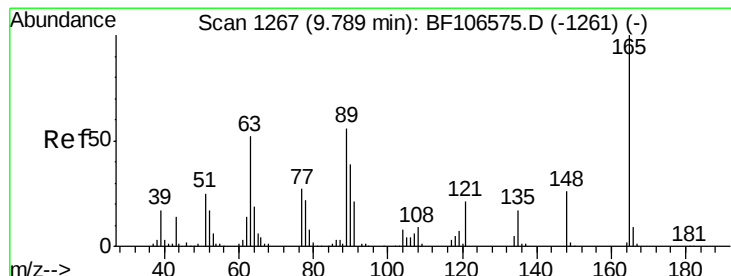


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

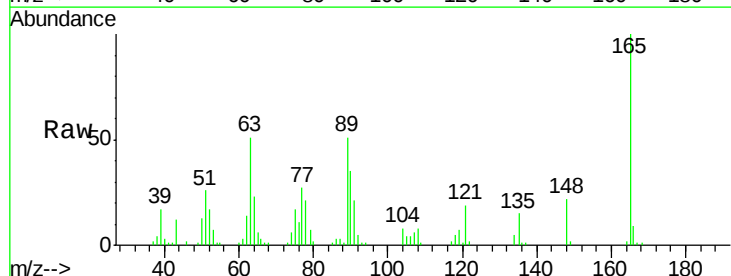
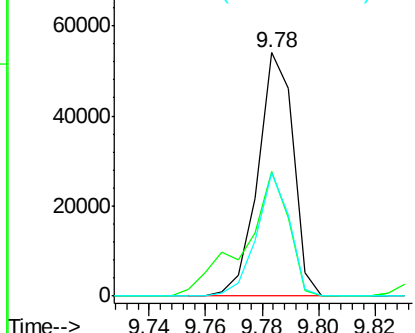


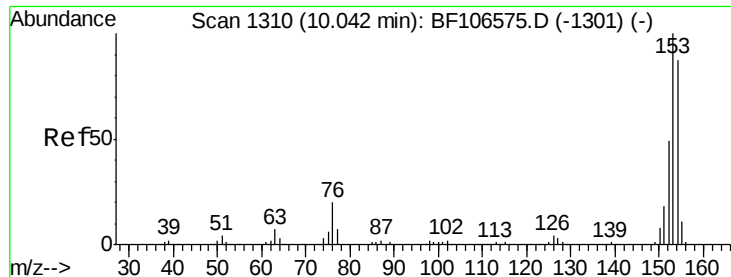
#50
2,6-Dinitrotoluene
Concen: 41.013 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:165 Resp: 46949
Ion Ratio Lower Upper
165 100
63 51.0 44.7 67.1
89 50.7 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: 38.347 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

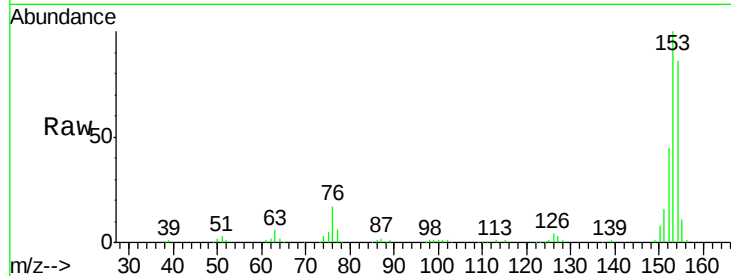
Tgt Ion:154 Resp: 172382

Ion Ratio Lower Upper

154 100

153 116.0 91.2 136.8

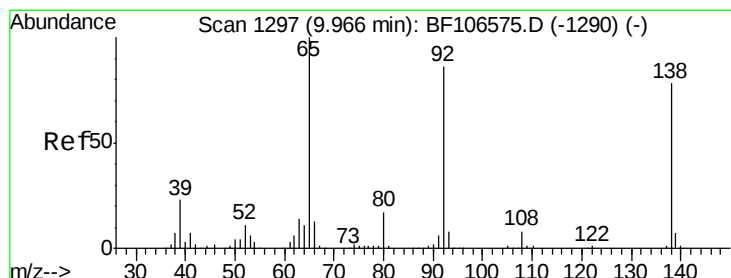
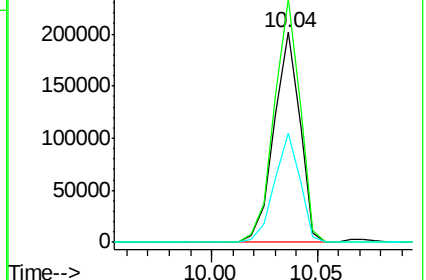
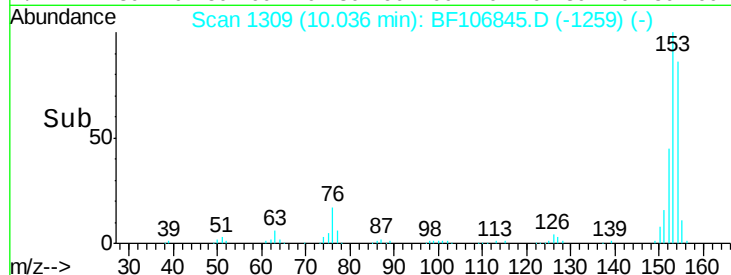
152 51.8 43.8 65.8



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: 25.382 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

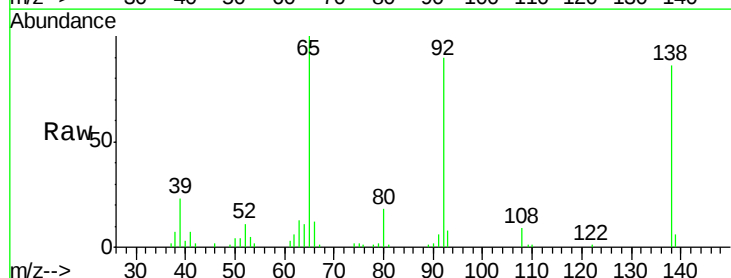
Tgt Ion:138 Resp: 33435

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

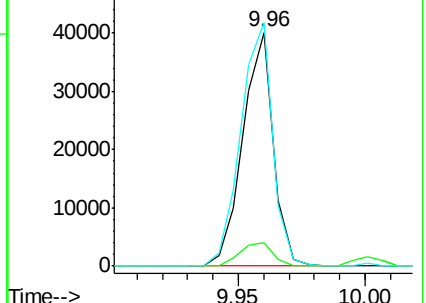
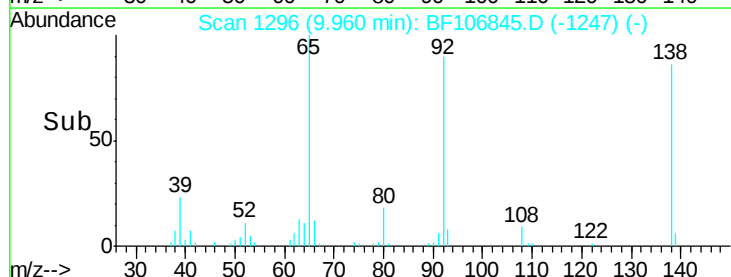
92 104.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

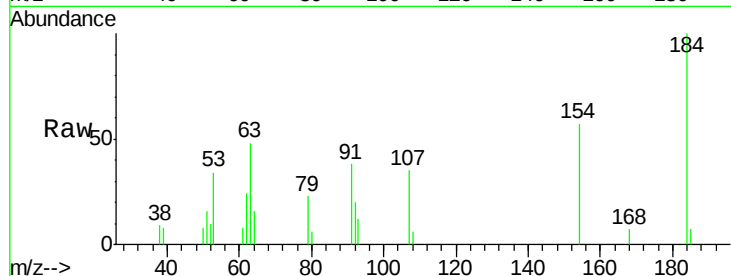




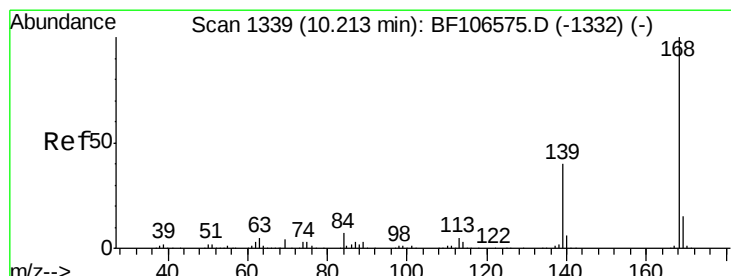
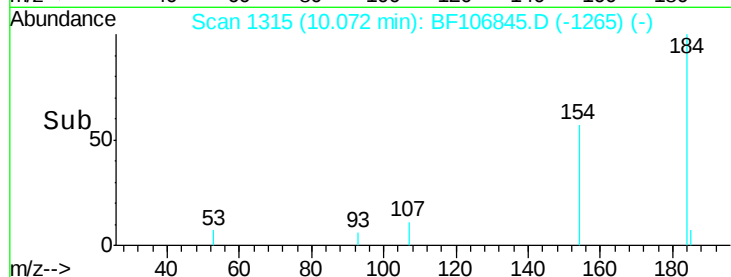
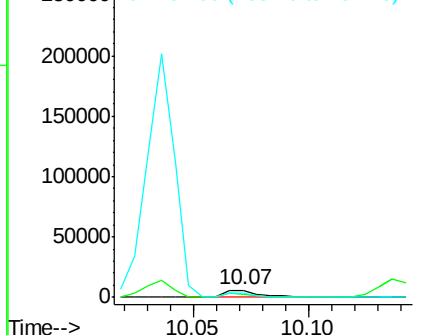
#53
2,4-Dinitrophenol
Concen: 15.576 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion:184 Resp: 6521
Ion Ratio Lower Upper
184 100
63 47.9 54.2 81.2#
154 56.6 184.0 276.0#

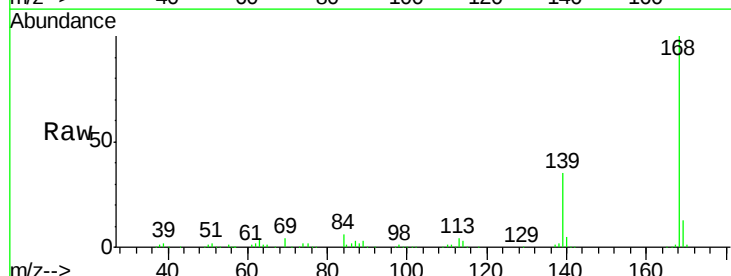


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

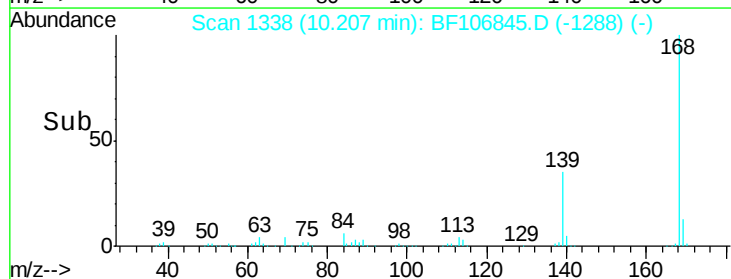
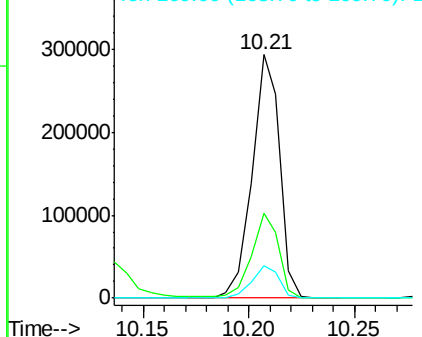


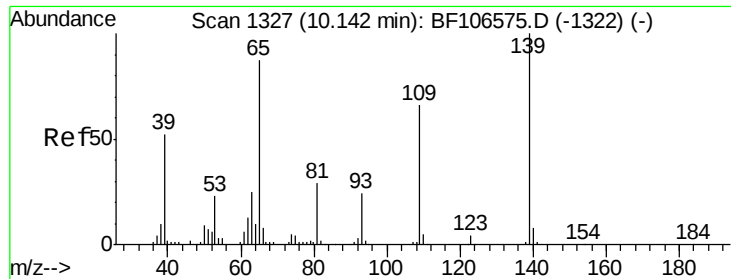
#54
Dibenzofuran
Concen: 43.051 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:168 Resp: 264999
Ion Ratio Lower Upper
168 100
139 35.1 30.1 45.1
169 13.3 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

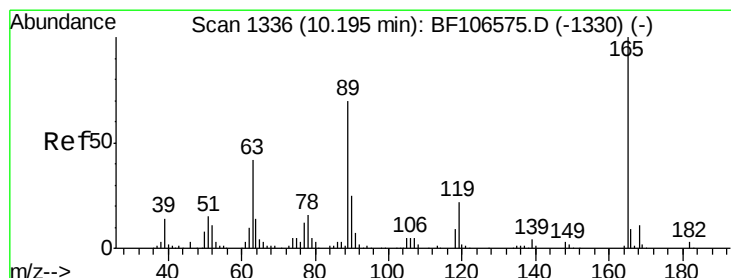
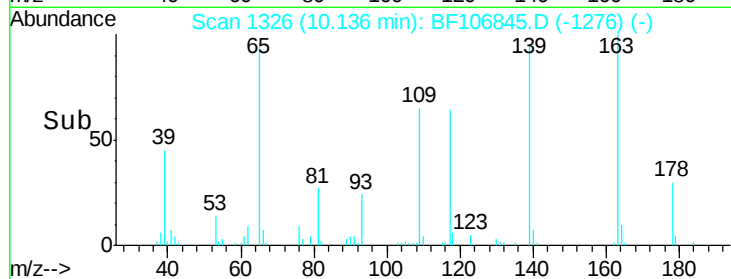
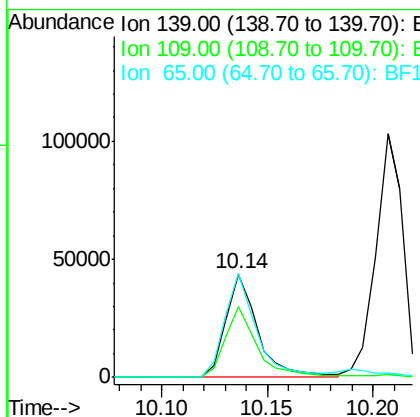
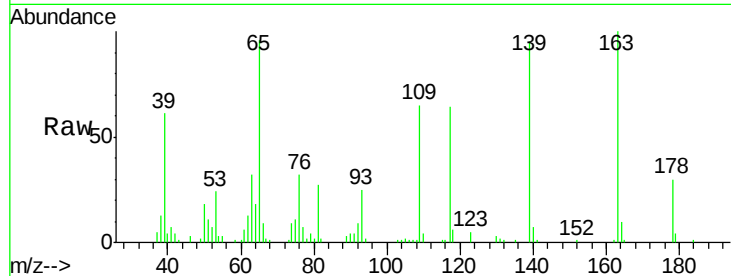




#55
4-Nitrophenol
Concen: 50.020 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

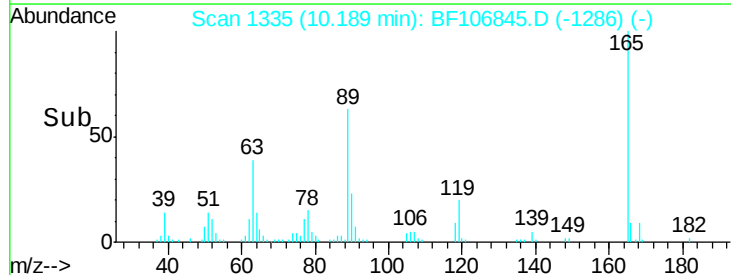
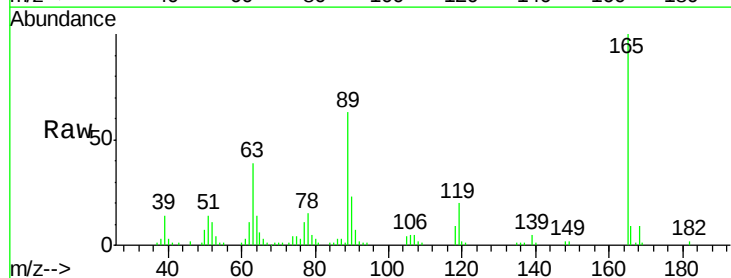
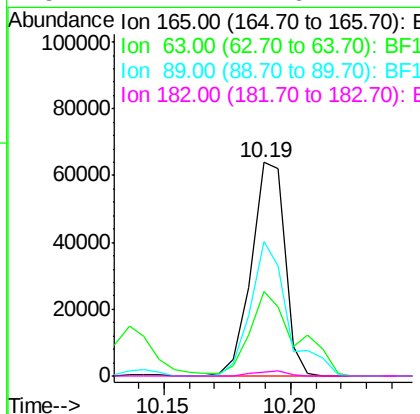
Instrument :
BNA_F
ClientSampleId :
PB110563BS

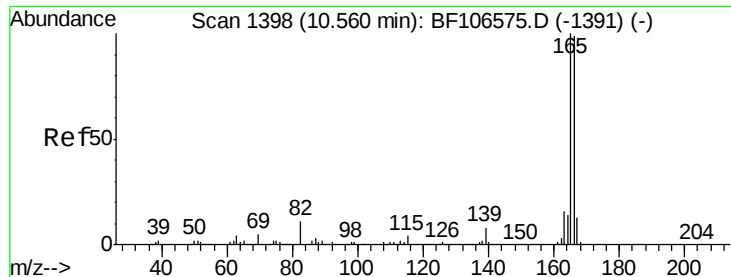
Tgt Ion:139 Resp: 45993
Ion Ratio Lower Upper
139 100
109 68.6 48.4 88.4
65 101.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.594 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:165 Resp: 59162
Ion Ratio Lower Upper
165 100
63 39.4 36.4 54.6
89 62.8 57.8 86.6
182 2.1 1.6 2.4

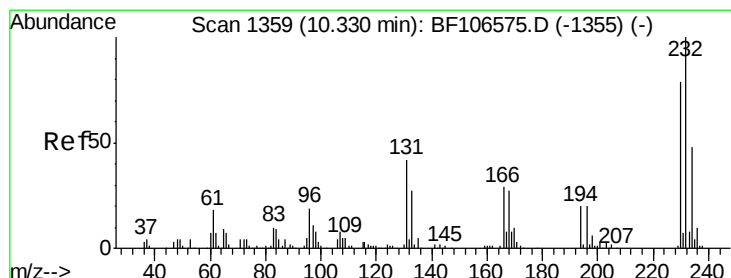
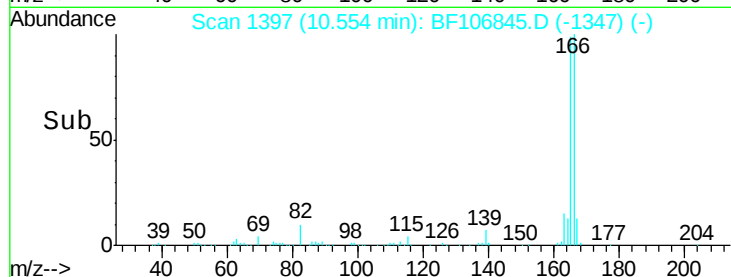
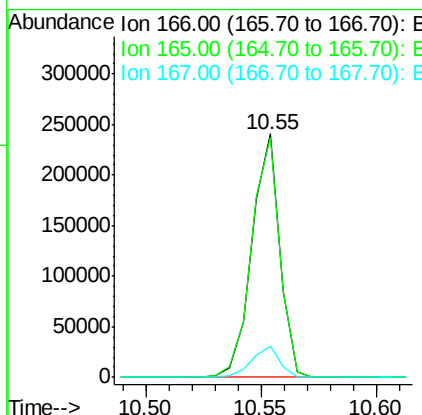
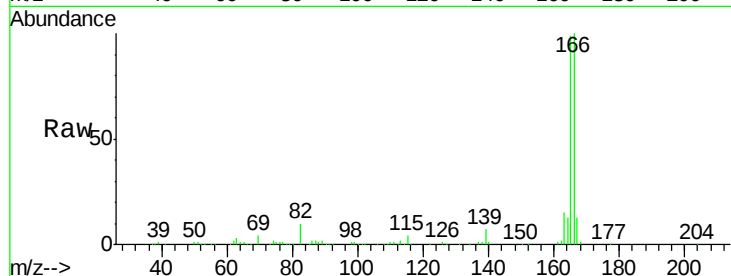




#57
 Fluorene
 Concen: 41.509 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

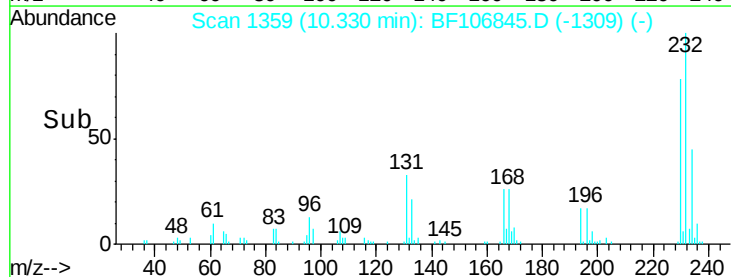
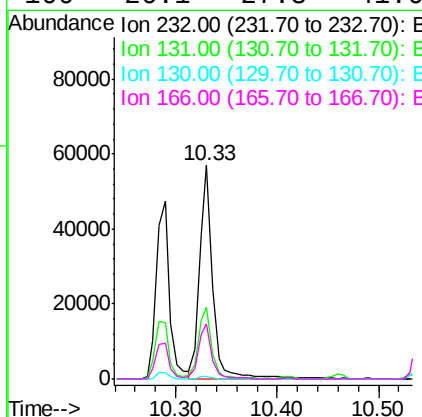
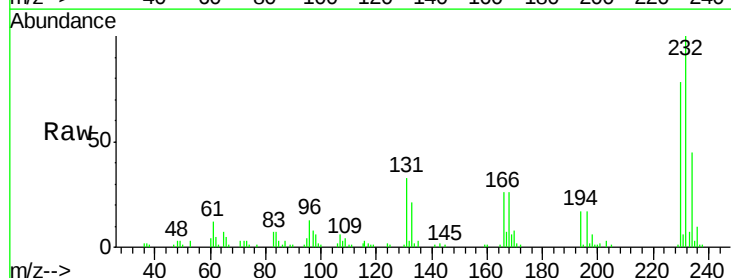
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

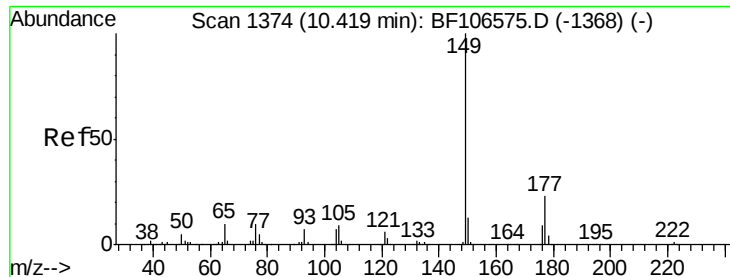
Tgt Ion:166 Resp: 202757
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.8 119.8
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.897 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:232 Resp: 52059
 Ion Ratio Lower Upper
 232 100
 131 34.3 43.8 65.8#
 130 1.3 2.1 3.1#
 166 26.1 27.8 41.6#

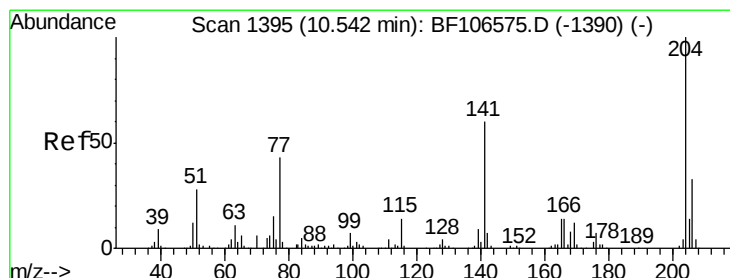
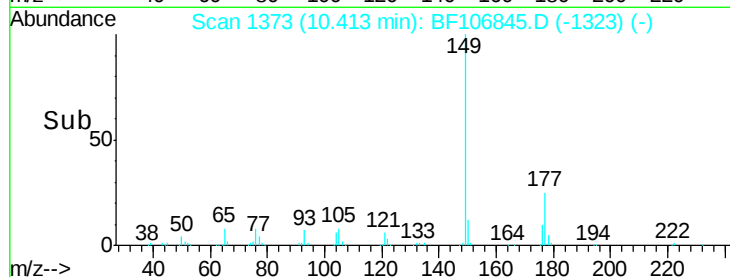
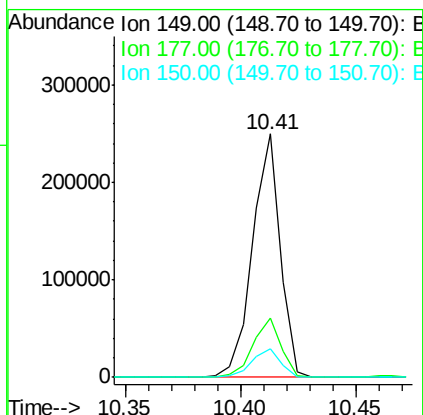
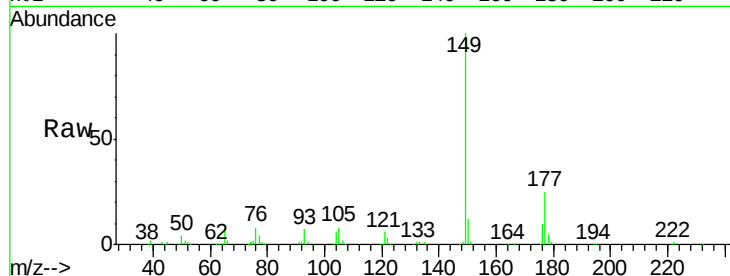




#59
Diethylphthalate
Concen: 40.202 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

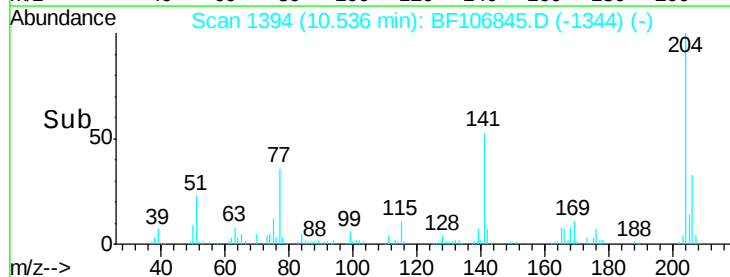
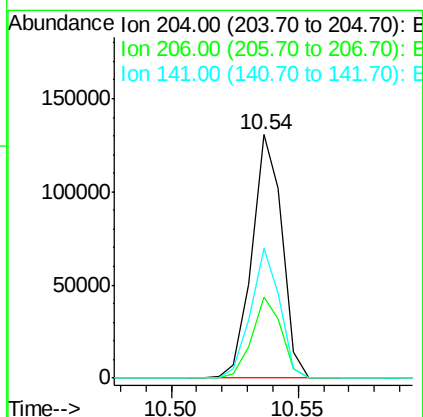
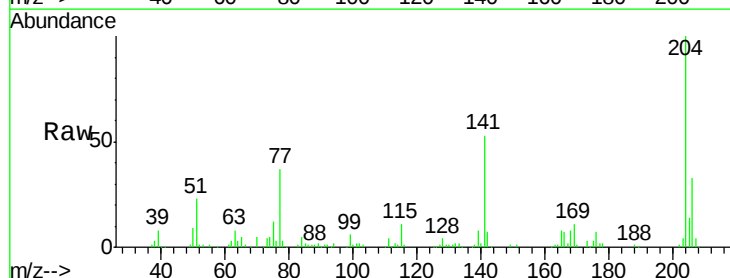
Instrument :
BNA_F
ClientSampleId :
PB110563BS

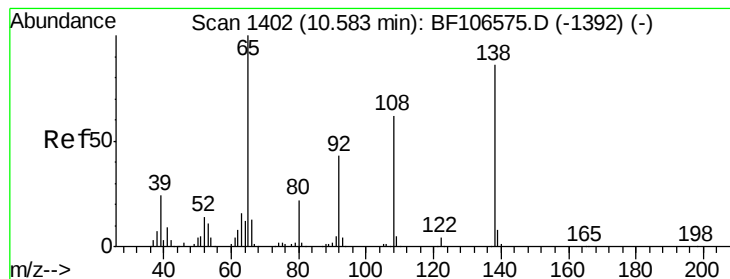
Tgt Ion:149 Resp: 209764
Ion Ratio Lower Upper
149 100
177 24.6 16.1 24.1#
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 42.194 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:204 Resp: 107837
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 53.1 54.6 81.8#





#61

4-Nitroaniline

Concen: 38.985 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

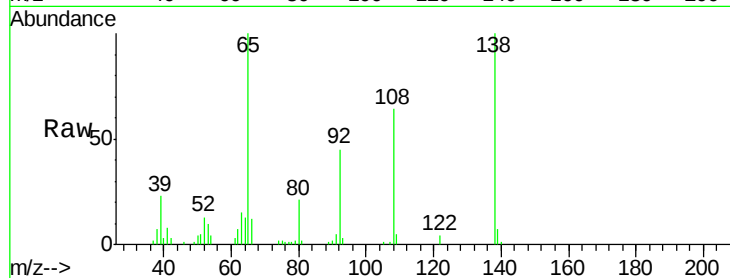
Tgt Ion:138 Resp: 50967

Ion Ratio Lower Upper

138 100

92 45.4 30.2 70.2

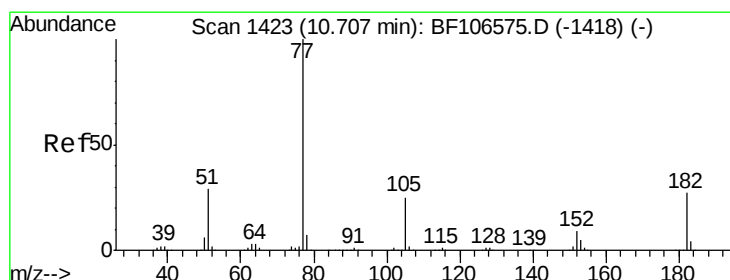
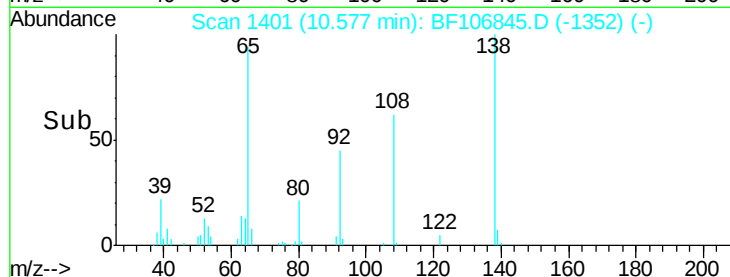
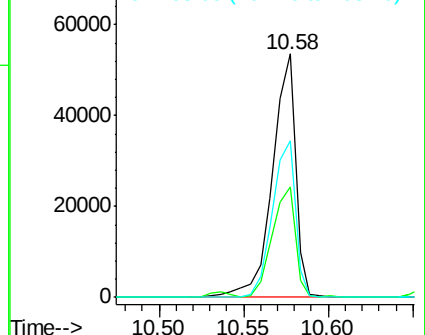
108 64.5 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.958 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Tgt Ion: 77 Resp: 184757

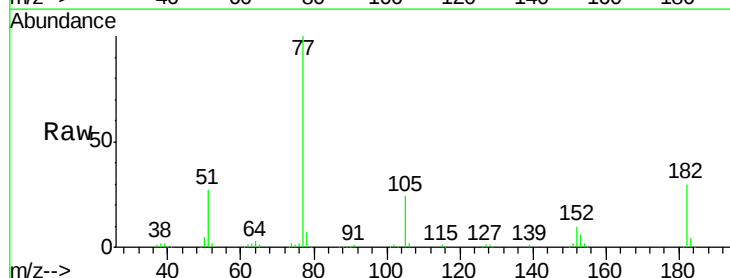
Ion Ratio Lower Upper

77 100

182 29.7 1.7 41.7

105 24.1 3.0 43.0

51 27.2 9.9 49.9

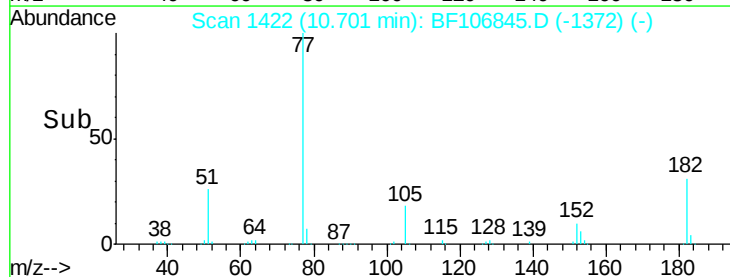
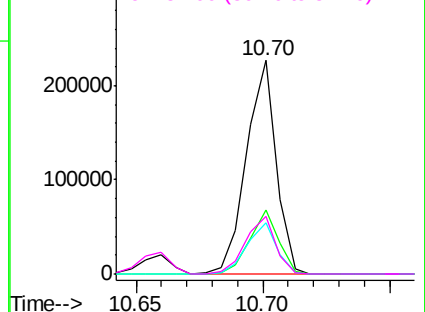


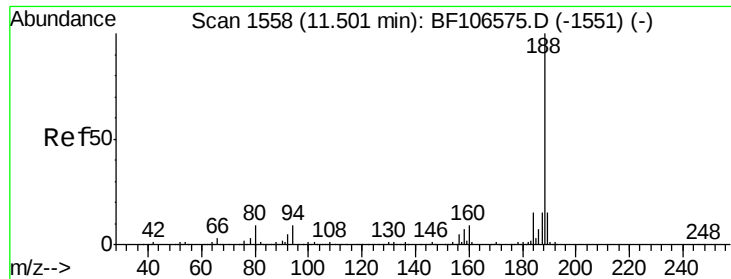
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

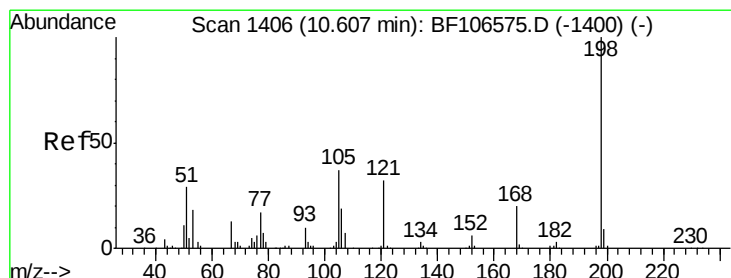
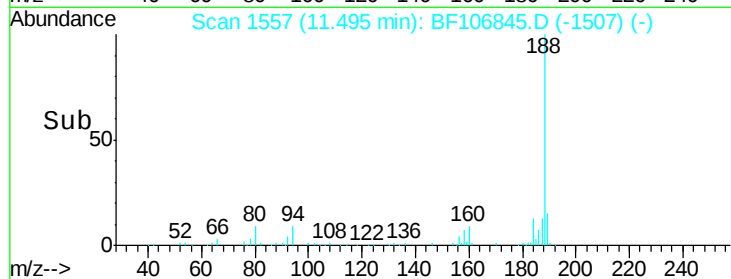
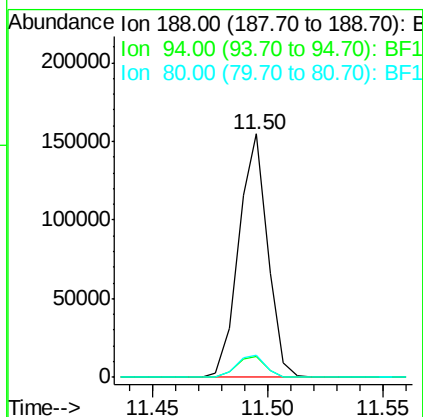
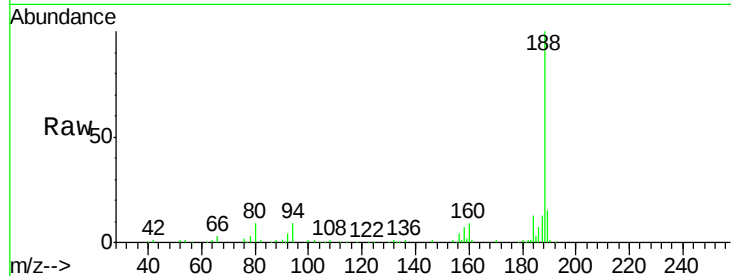




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

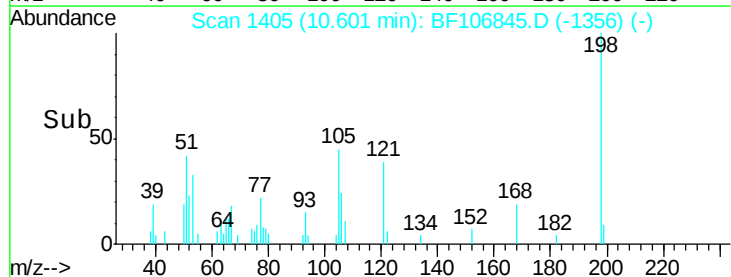
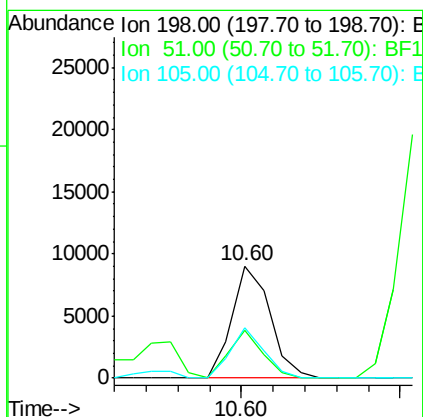
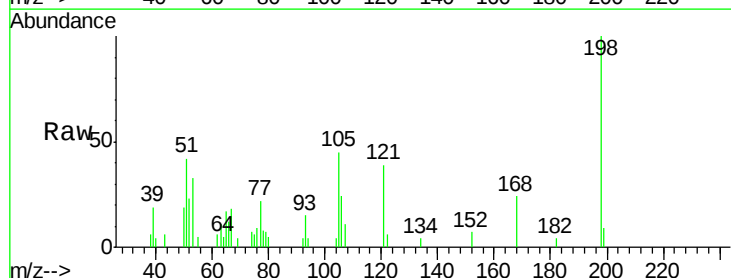
Instrument :
BNA_F
ClientSampleId :
PB110563BS

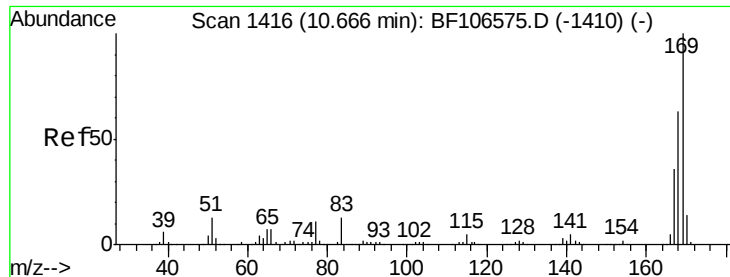
Tgt Ion:188 Resp: 134833
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.1 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.948 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:198 Resp: 7458
Ion Ratio Lower Upper
198 100
51 42.5 37.7 77.7
105 45.1 36.3 76.3

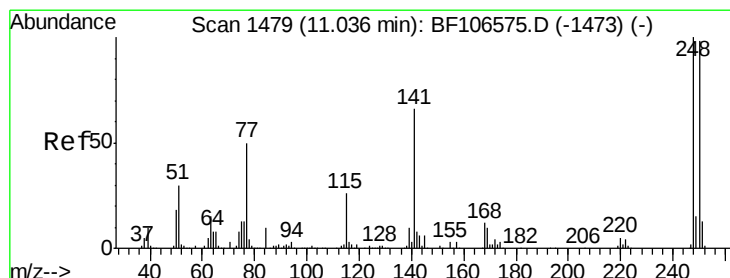
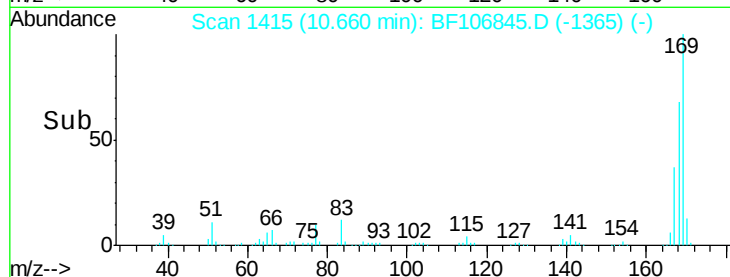
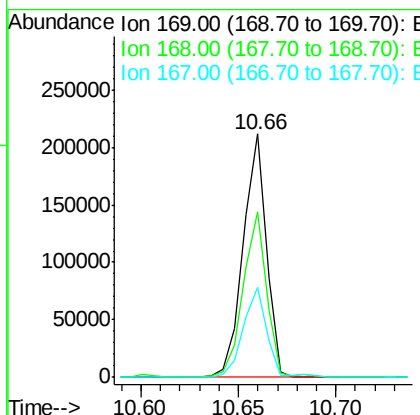
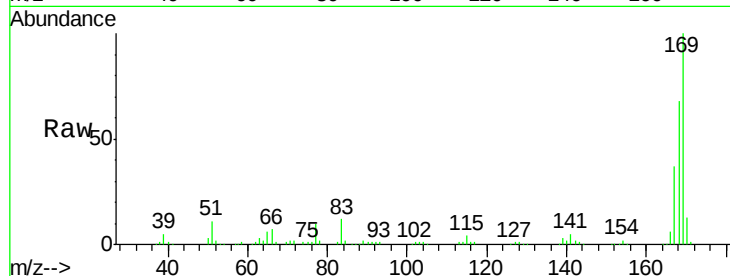




#65
 n-Nitrosodiphenylamine
 Concen: 38.607 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

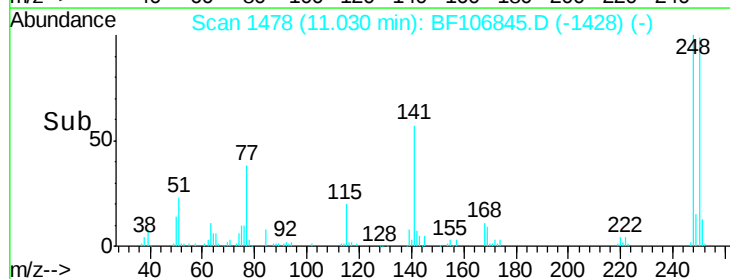
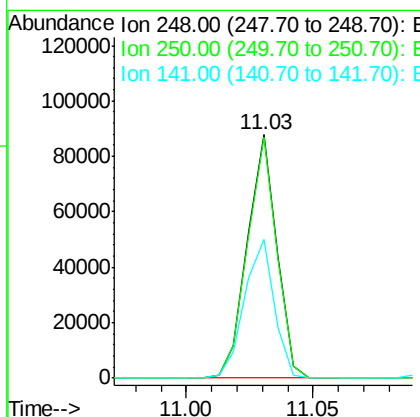
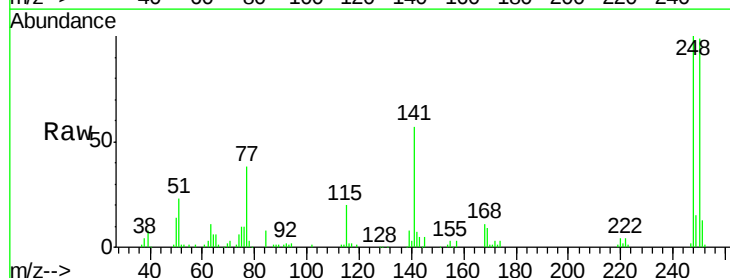
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

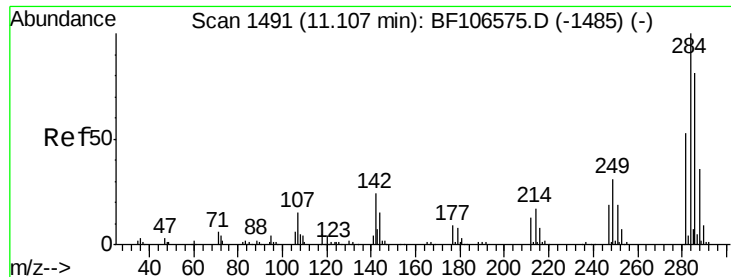
Tgt Ion:169 Resp: 175087
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.4 81.6
 167 37.2 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.203 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:248 Resp: 71130
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.9 115.3
 141 57.0 74.4 111.6#

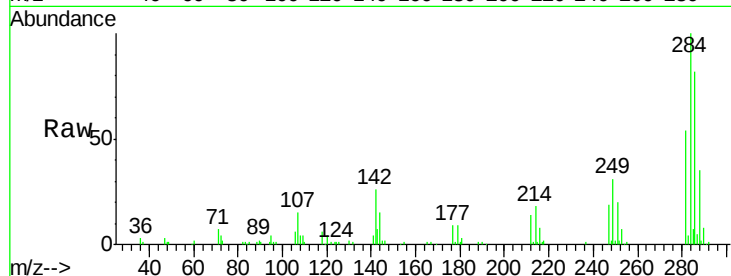




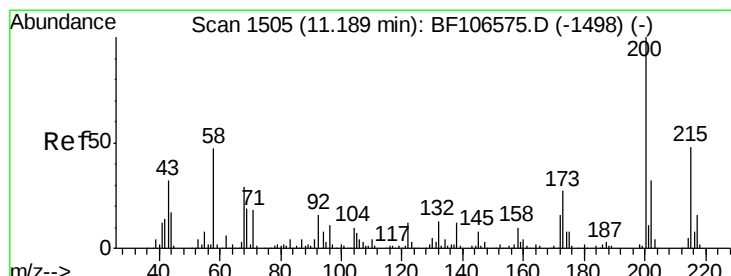
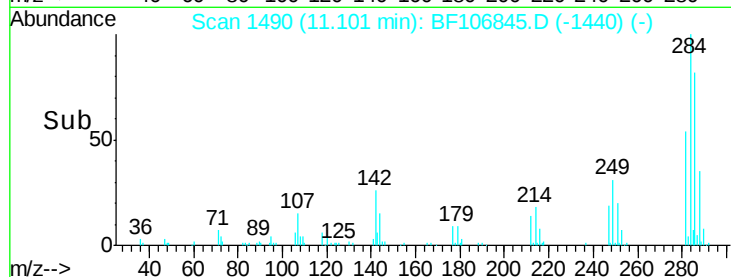
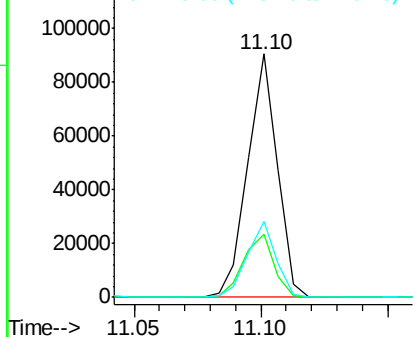
#67
Hexachlorobenzene
Concen: 43.674 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion: 284 Resp: 73556
Ion Ratio Lower Upper
284 100
142 25.9 34.6 52.0#
249 30.9 24.8 37.2

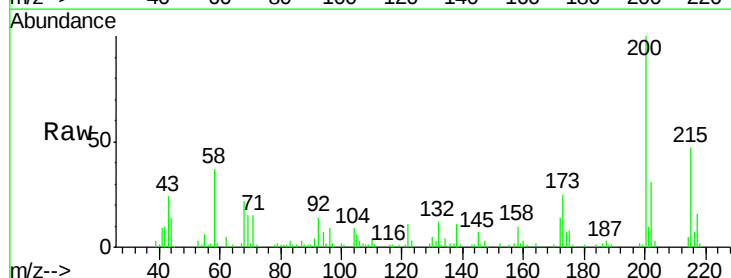


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

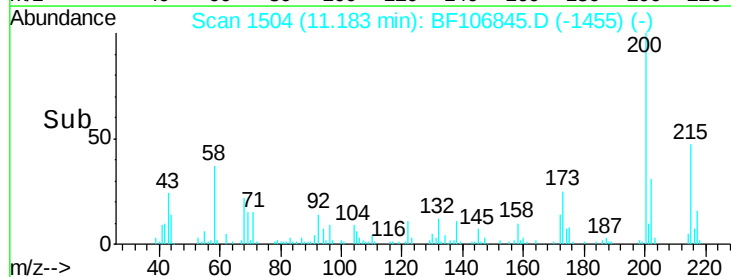
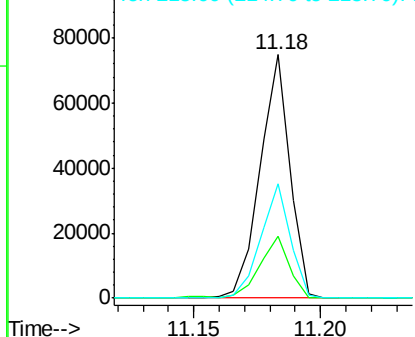


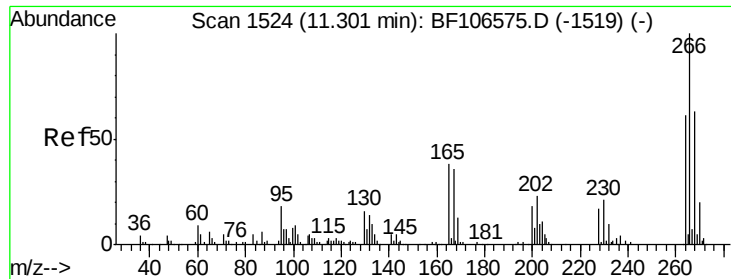
#68
Atrazine
Concen: 42.339 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion: 200 Resp: 61042
Ion Ratio Lower Upper
200 100
173 25.3 8.6 48.6
215 46.8 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

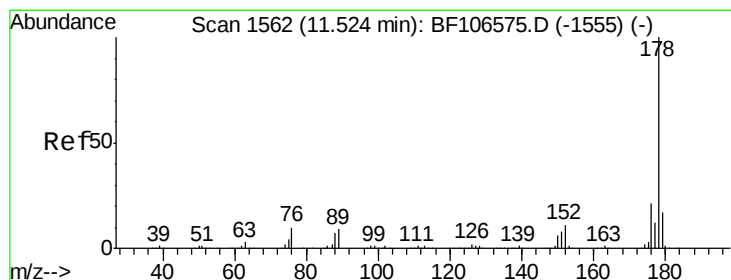
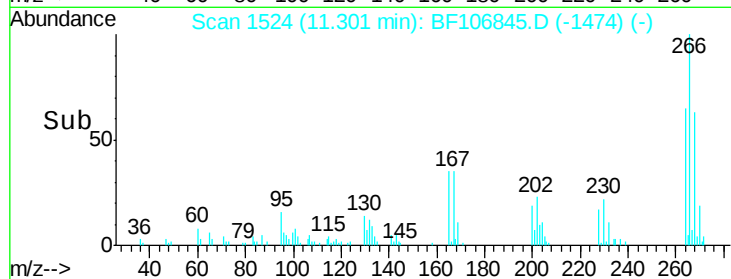
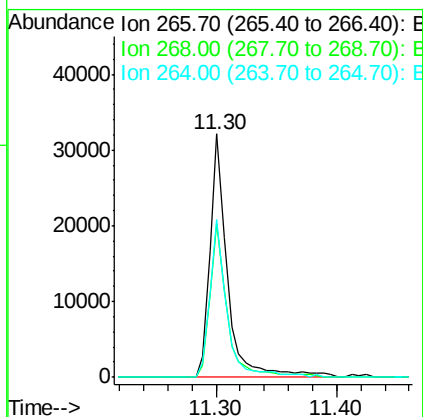
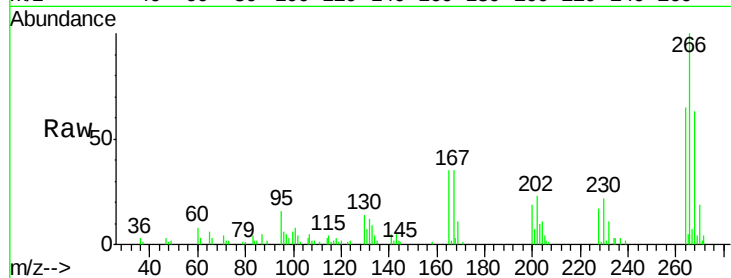




#69
 Pentachlorophenol
 Concen: 38.344 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

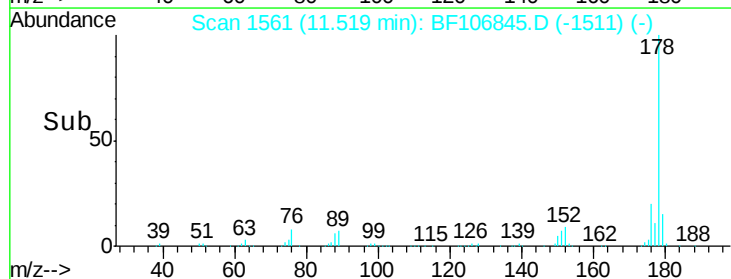
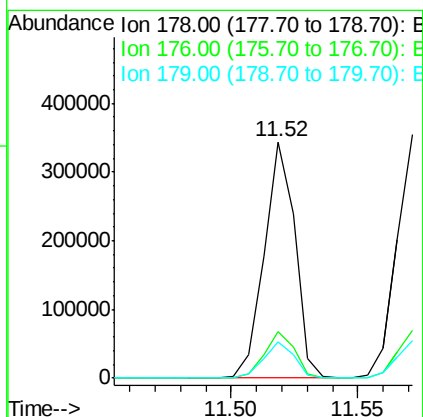
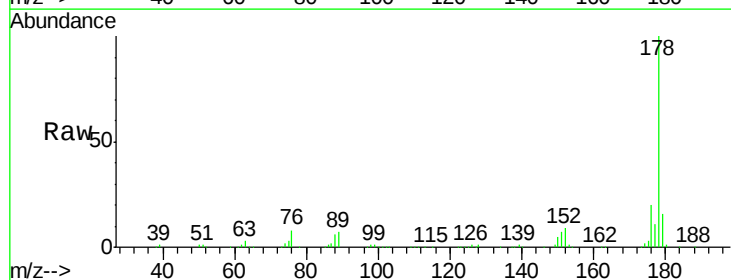
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

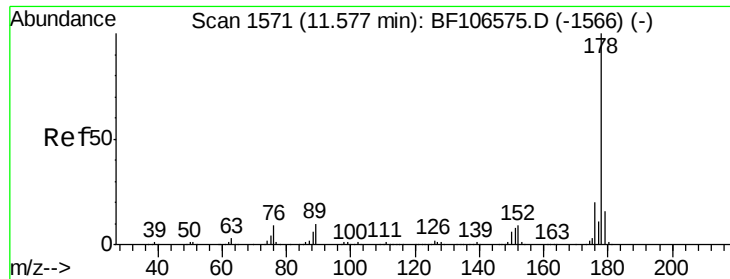
Tgt Ion: 266 Resp: 32223
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.1 76.7
 264 65.0 49.5 74.3



#70
 Phenanthrene
 Concen: 44.911 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion: 178 Resp: 292065
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.6 13.0 19.6

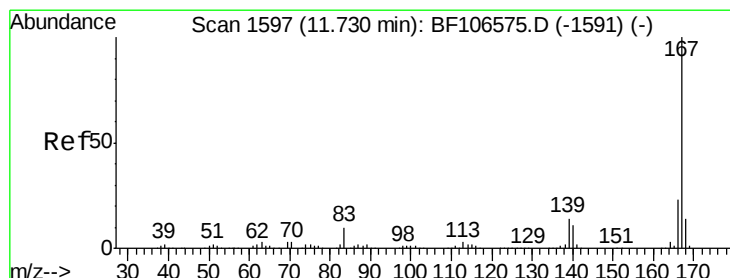
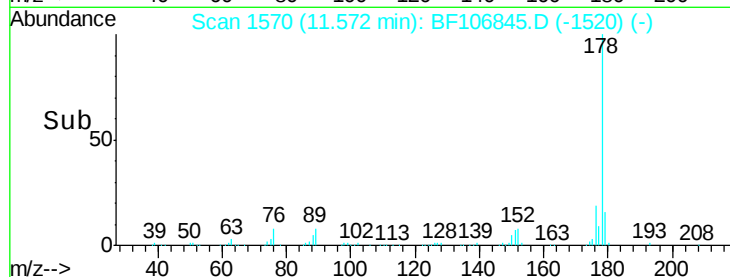
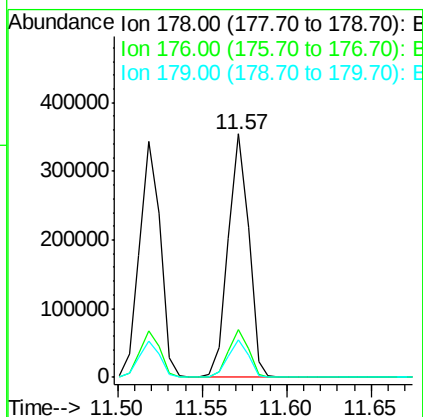
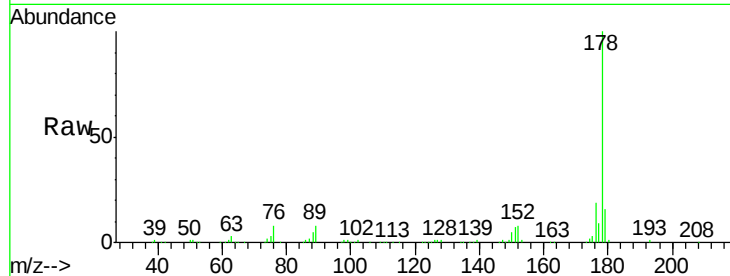




#71
 Anthracene
 Concen: 45.317 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

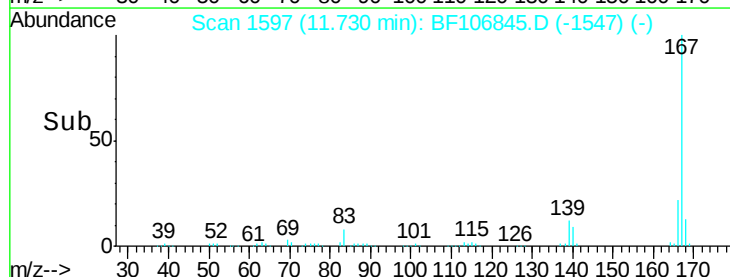
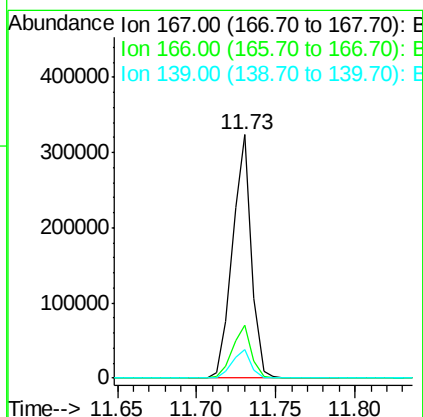
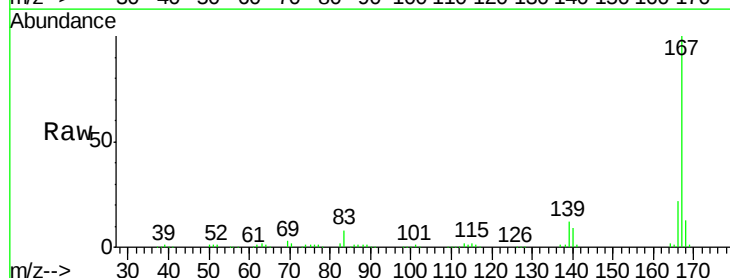
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

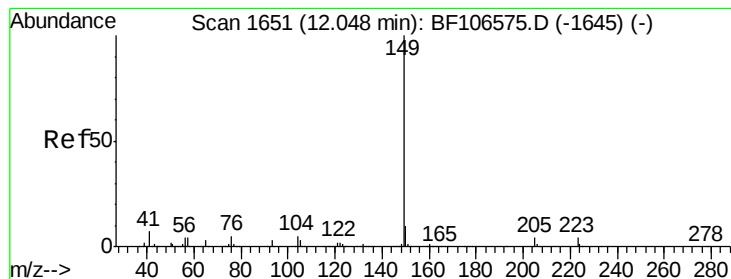
Tgt Ion:178 Resp: 300808
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 42.934 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:167 Resp: 266823
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 11.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.721 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

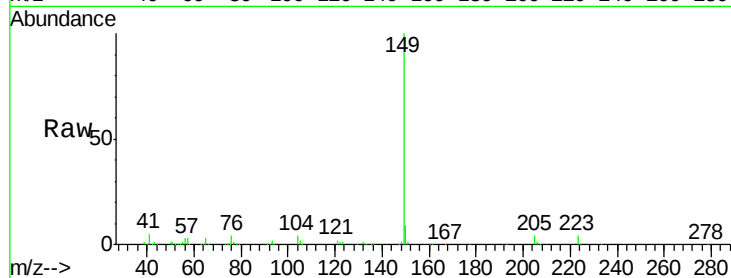
Tgt Ion:149 Resp: 312785

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

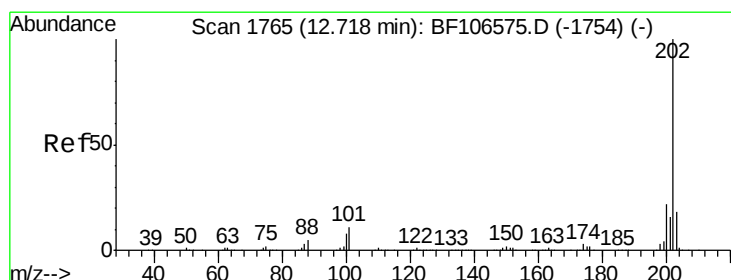
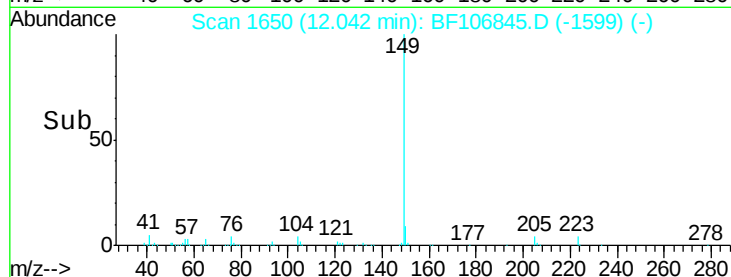
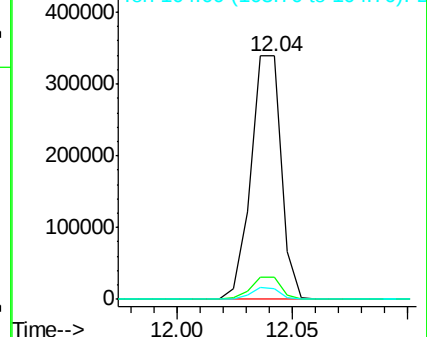
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.277 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

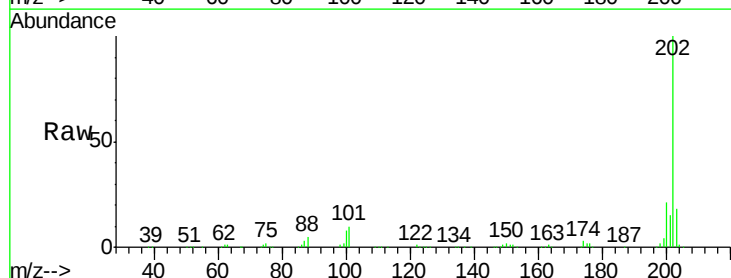
Tgt Ion:202 Resp: 338878

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.1

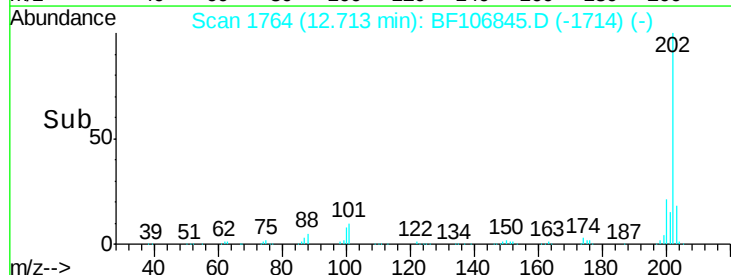
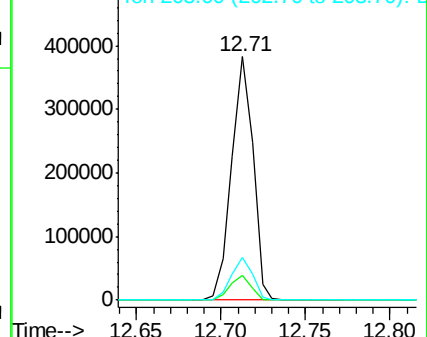
203 17.7 0.0 38.1

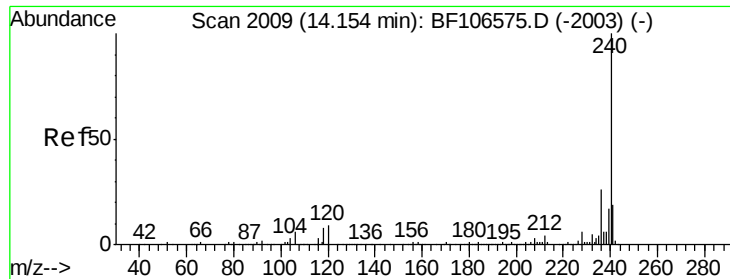


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

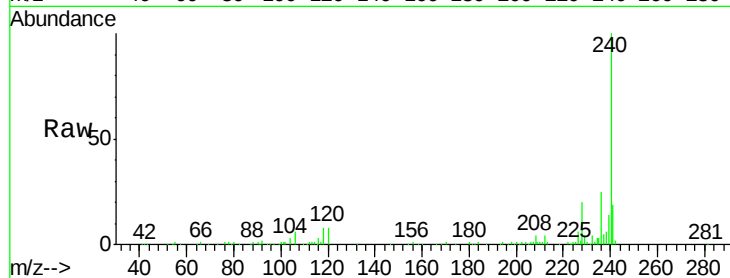
Tgt Ion:240 Resp: 122223

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

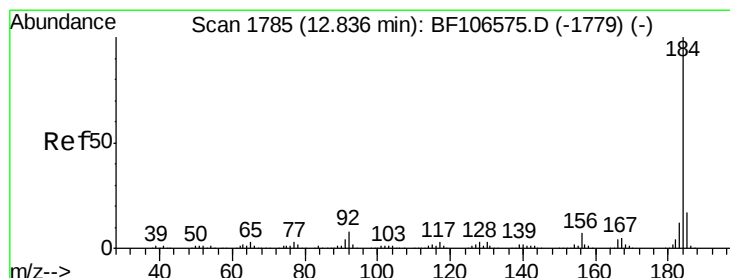
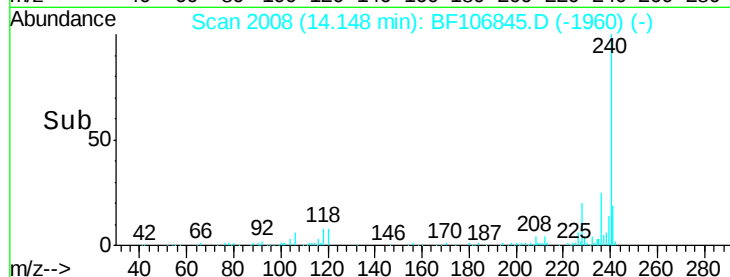
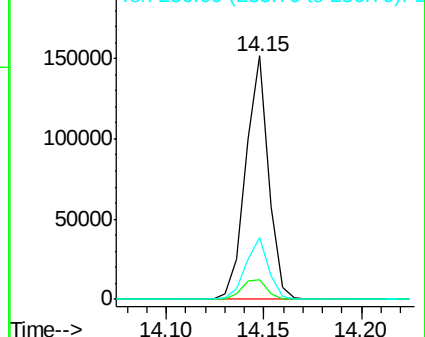
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.803 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

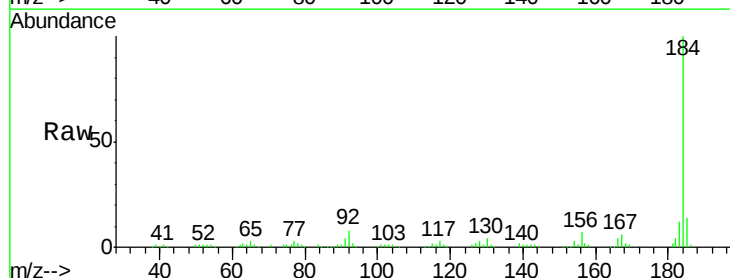
Tgt Ion:184 Resp: 131587

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

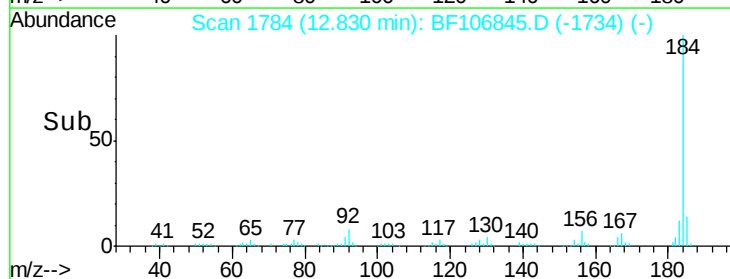
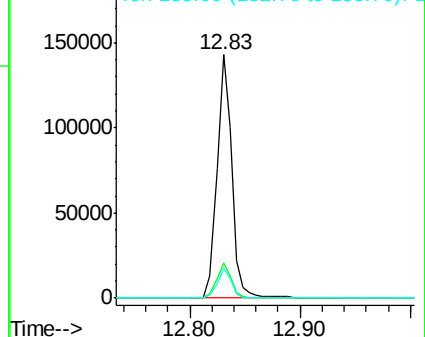
183 12.0 9.3 13.9

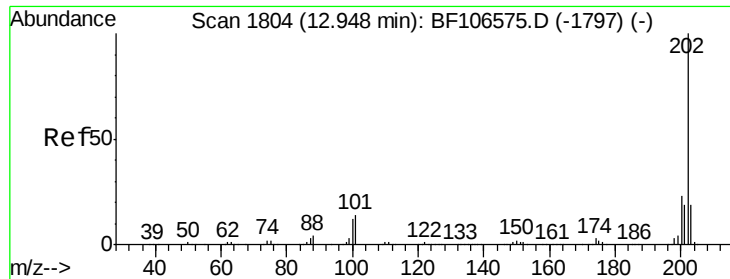


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

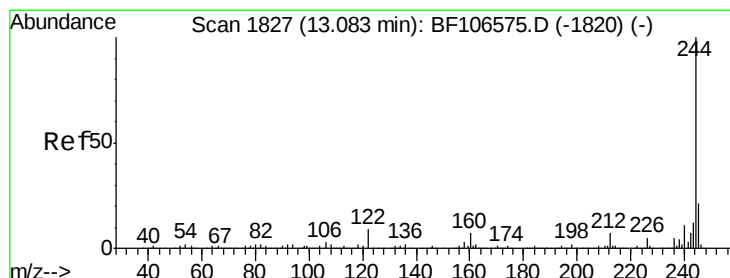
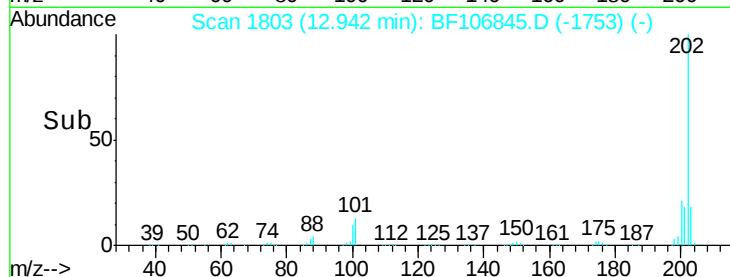
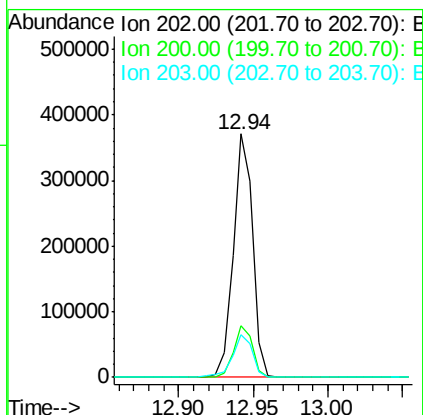
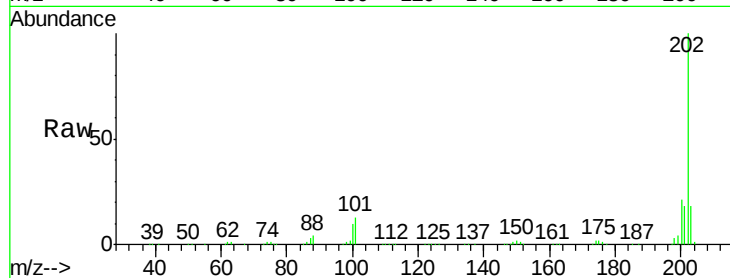




#77
 Pyrene
 Concen: 41.959 ng
 RT: 12.94 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

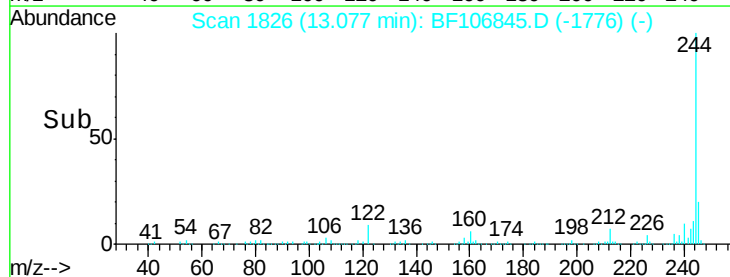
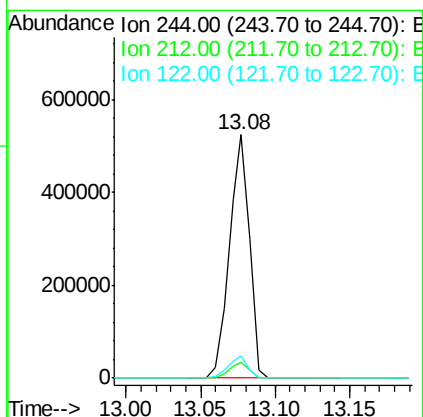
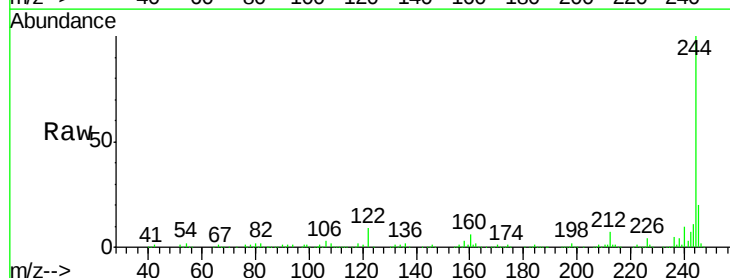
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

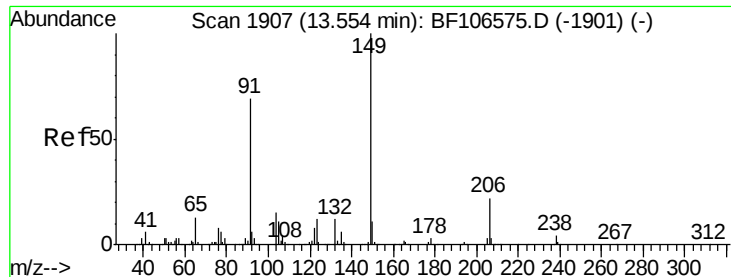
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 98.195 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4

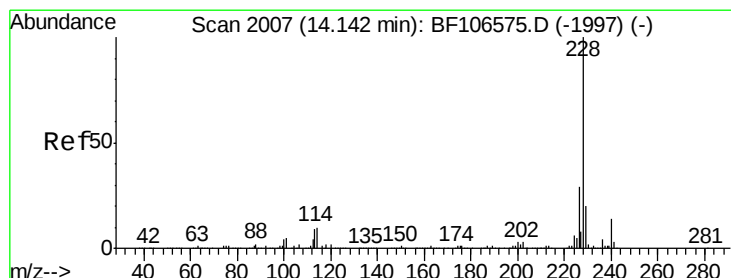
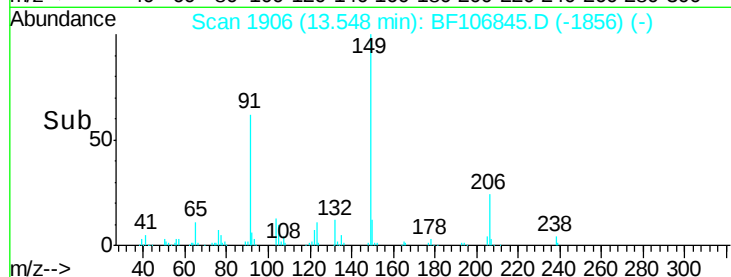
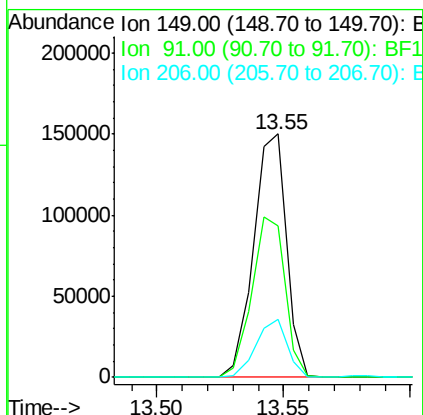
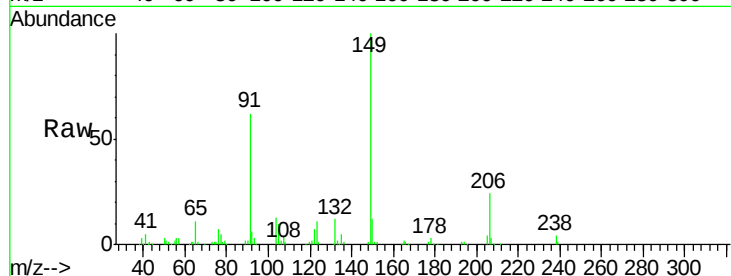




#79
Butylbenzylphthalate
Concen: 41.223 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

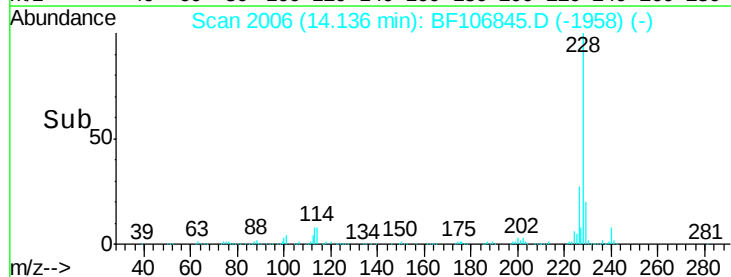
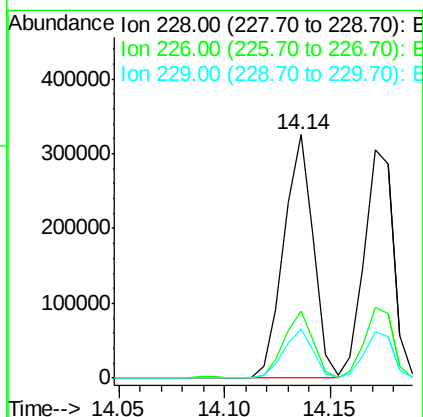
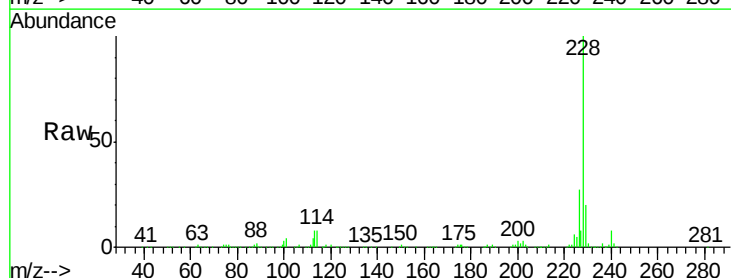
Instrument :
BNA_F
ClientSampleId :
PB110563BS

Tgt Ion:149 Resp: 136605
Ion Ratio Lower Upper
149 100
91 62.0 56.8 85.2
206 24.0 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 42.510 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:228 Resp: 316662
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 20.0 15.8 23.6

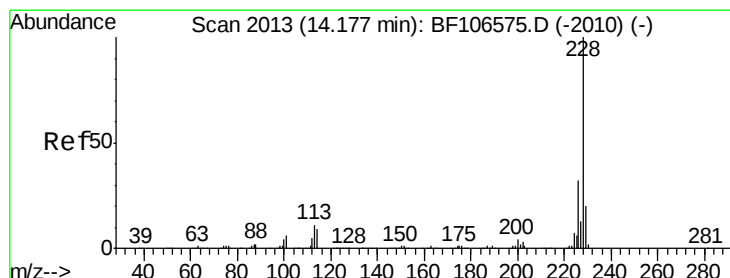
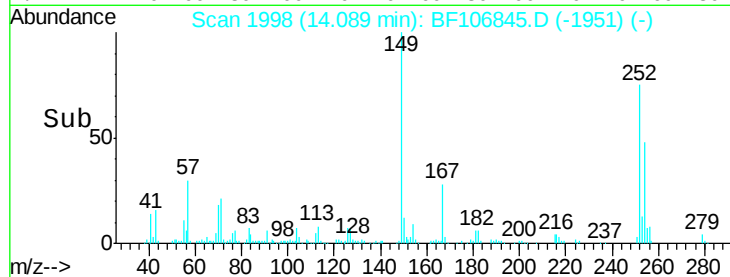
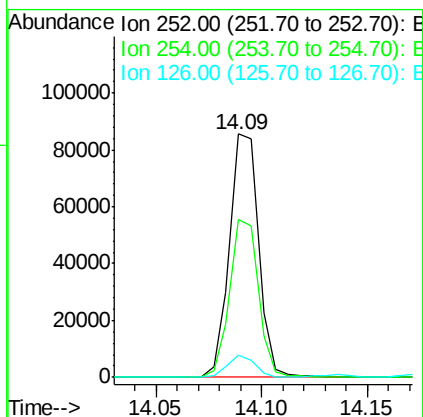
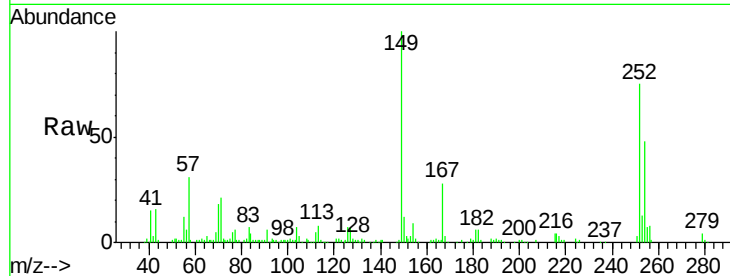




#81
 3,3'-Dichlorobenzidine
 Concen: 31.085 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

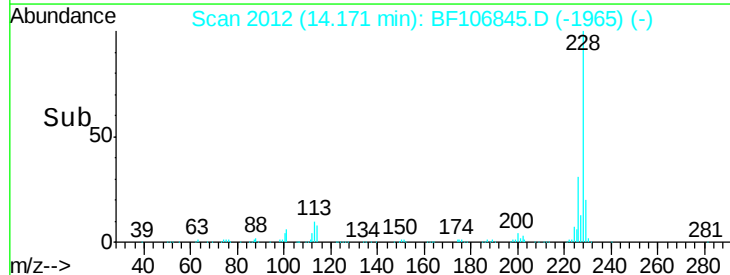
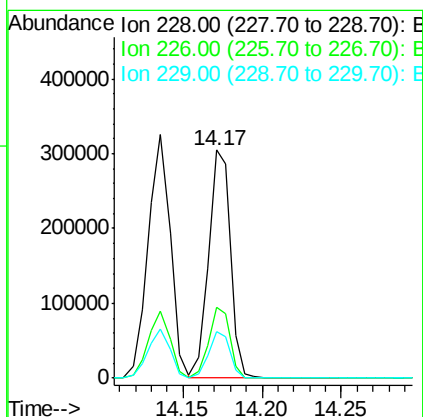
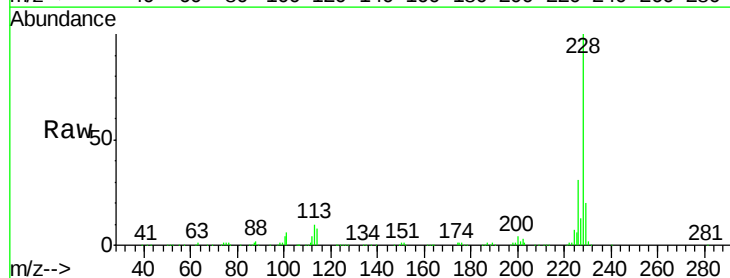
Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tgt Ion:252 Resp: 81384
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.4 75.6
 126 9.0 11.3 16.9#



#82
 Chrysene
 Concen: 42.956 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion:228 Resp: 294382
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.0 37.6
 229 20.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.738 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

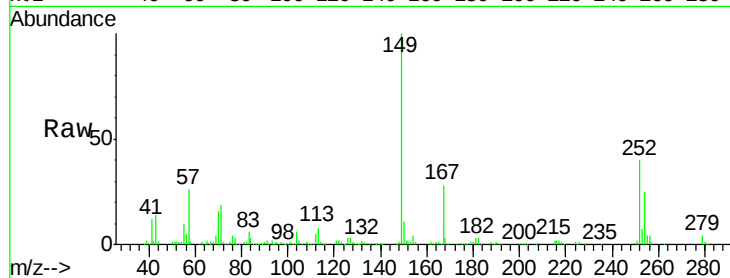
Tgt Ion:149 Resp: 181060

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

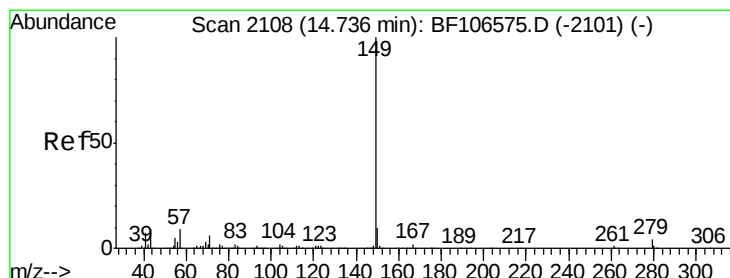
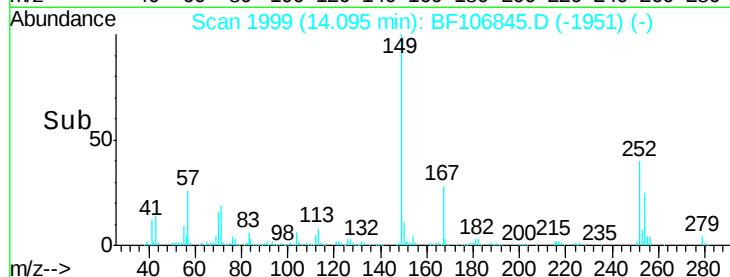
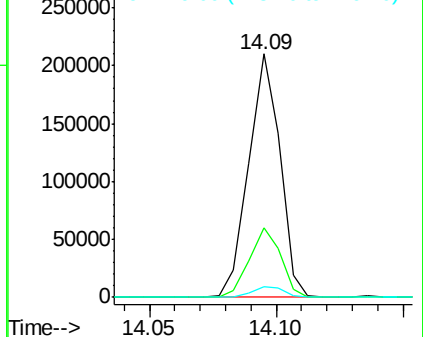
279 4.2 3.0 4.4



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: 45.991 ng

RT: 14.72 min Scan# 2106

Delta R.T. -0.04 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

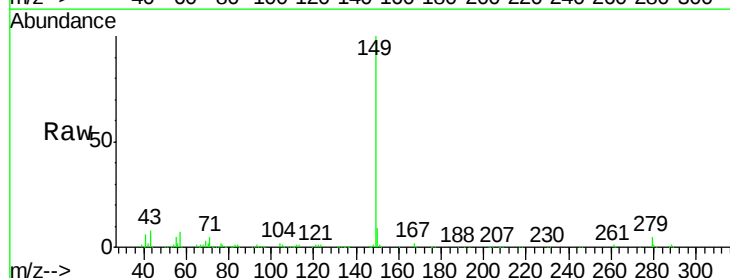
Tgt Ion:149 Resp: 317599

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

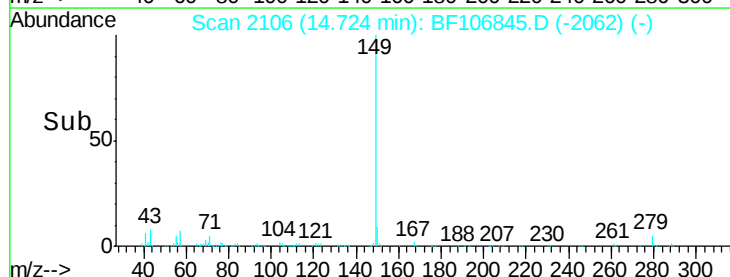
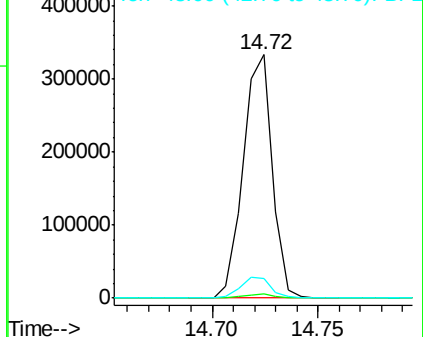
43 8.7 8.4 12.6

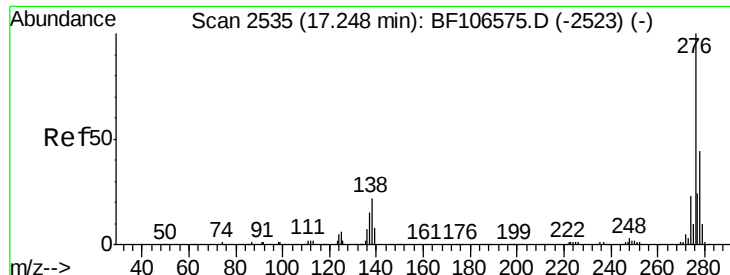


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

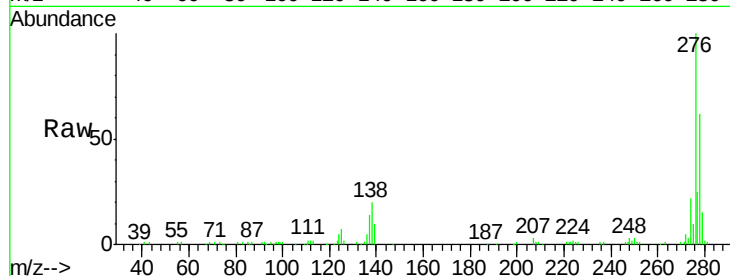




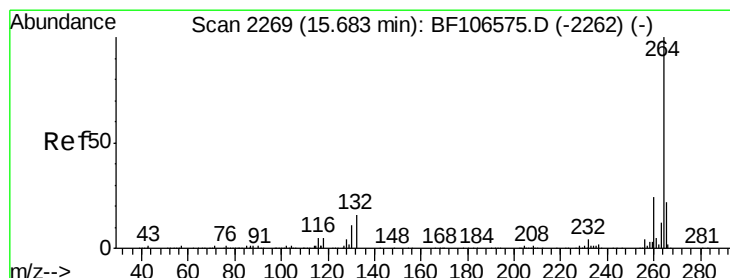
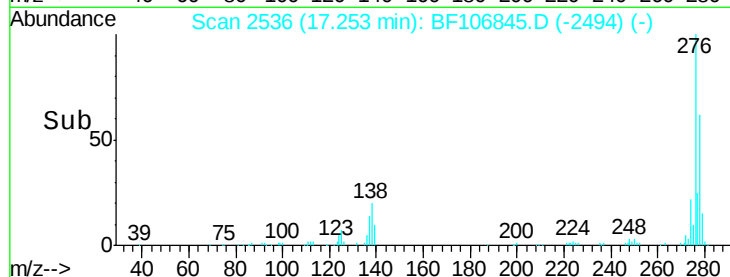
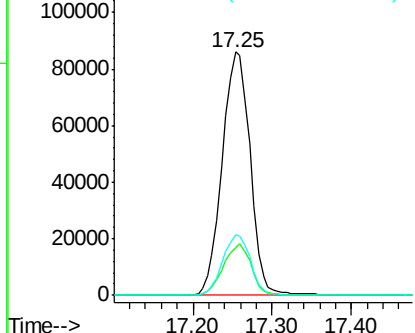
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.178 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. -0.05 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110563BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	24.6	20.1	30.1

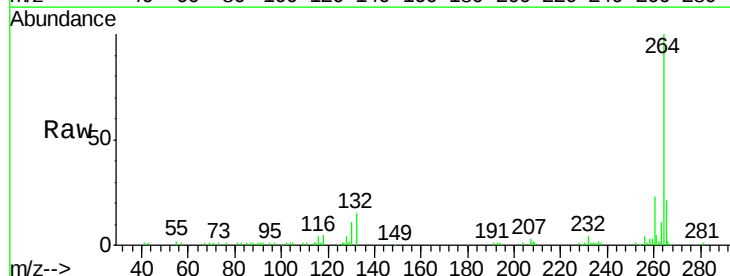


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

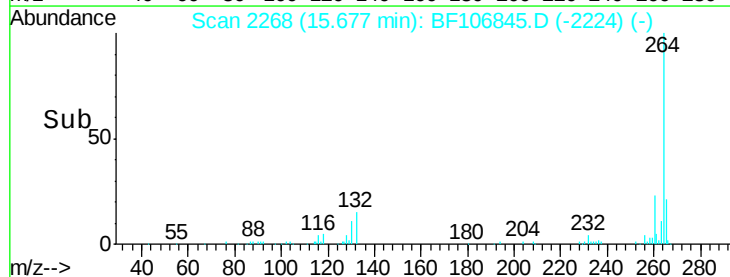
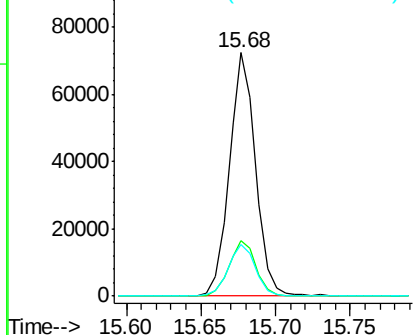


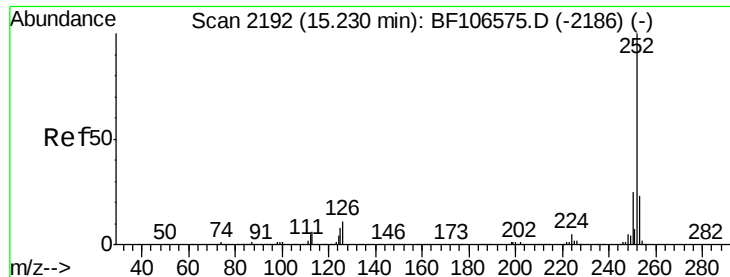
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106845.D
 Acq: 27 Jun 2018 2:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.3	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

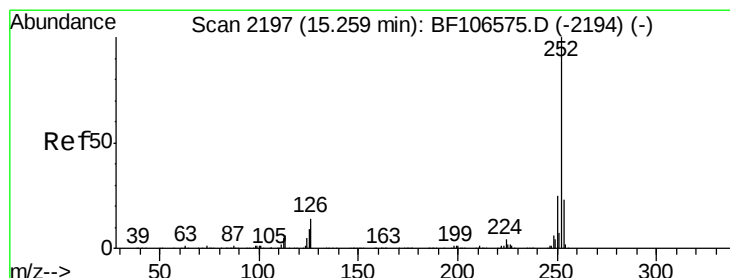
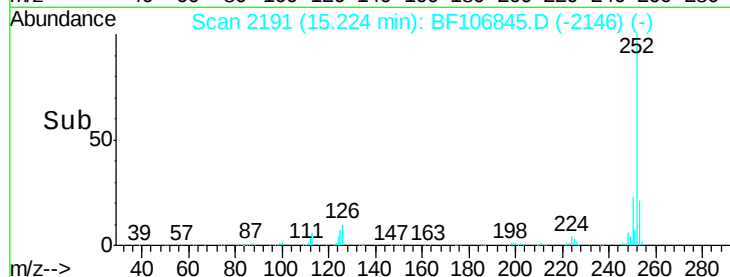
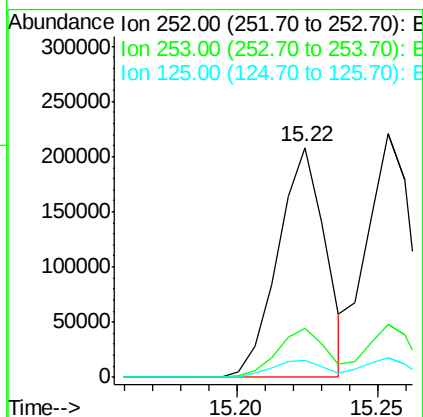
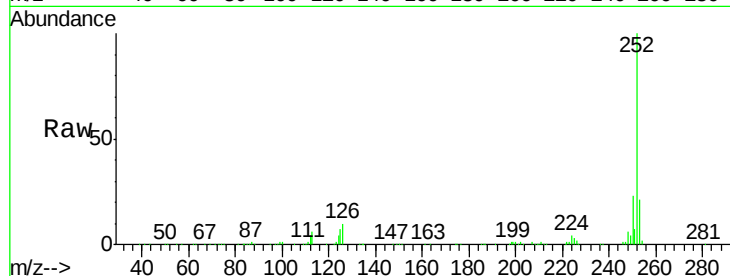




#87
Benzo(b)fluoranthene
Concen: 44.133 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

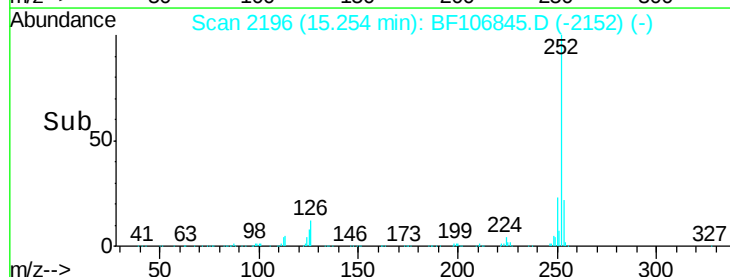
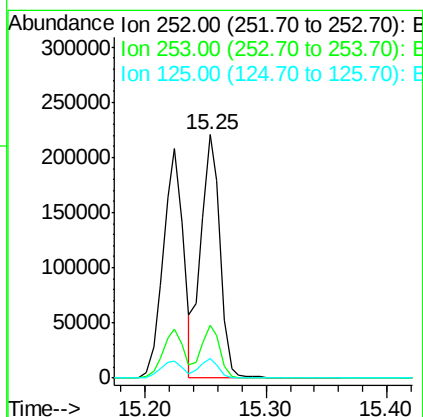
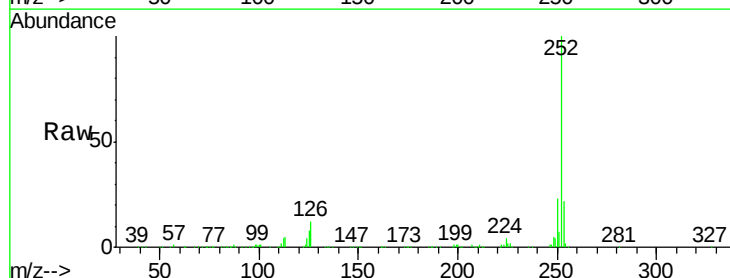
Instrument :
BNA_F
ClientSampleId :
PB110563BS

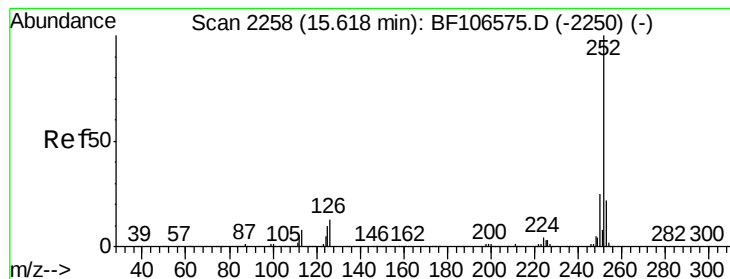
Tgt Ion:252 Resp: 242874
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 7.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 46.183 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106845.D
Acq: 27 Jun 2018 2:02

Tgt Ion:252 Resp: 242030
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 44.530 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

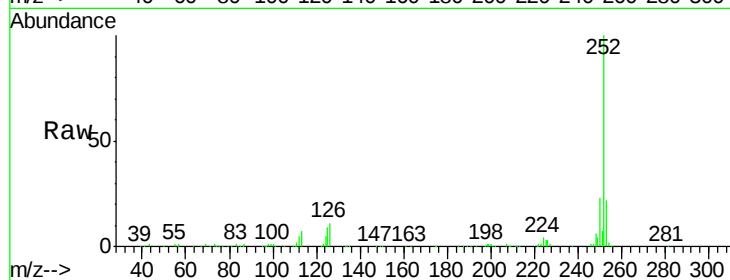
Tgt Ion:252 Resp: 217853

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

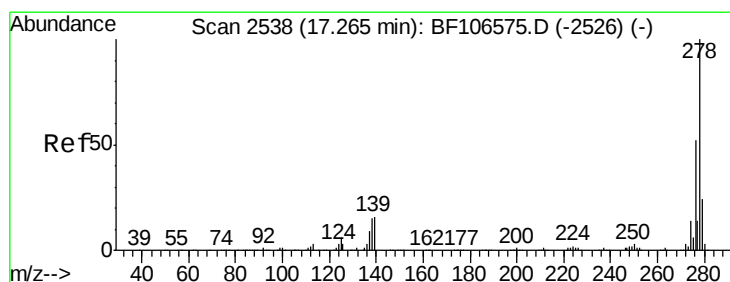
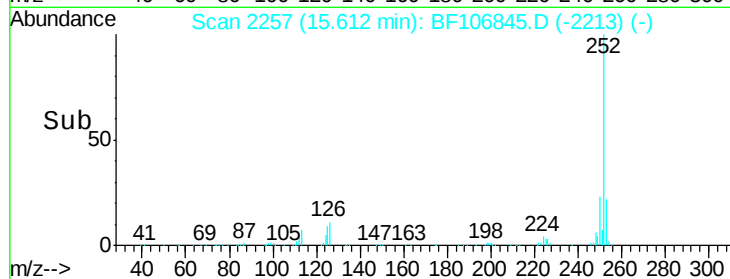
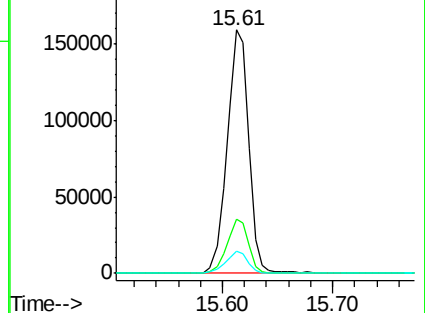
125 9.1 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.951 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

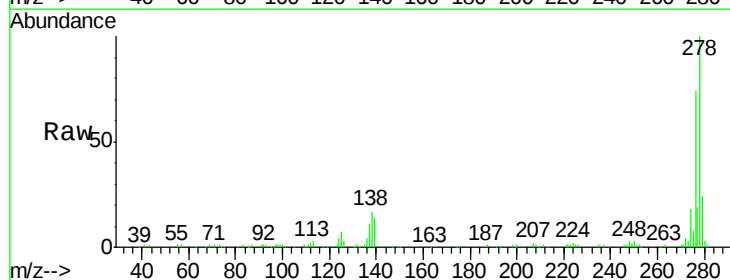
Tgt Ion:278 Resp: 178082

Ion Ratio Lower Upper

278 100

139 13.6 15.9 23.9#

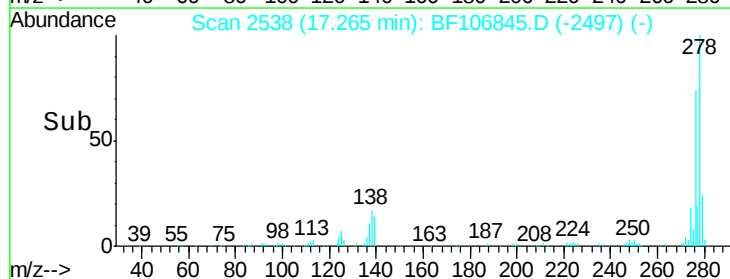
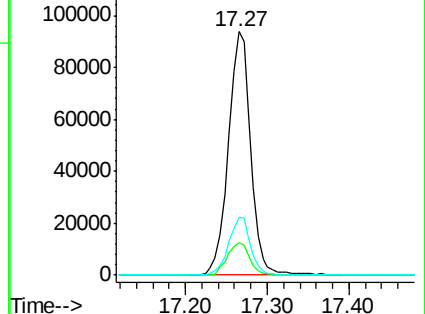
279 24.0 19.0 28.4

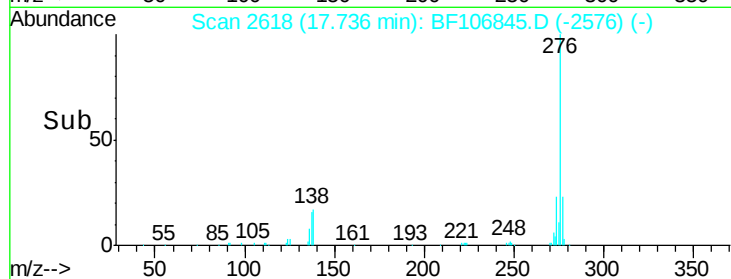
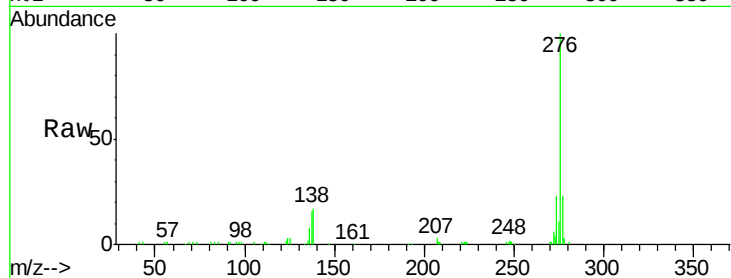
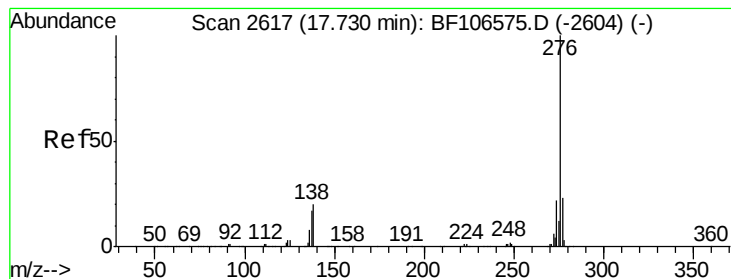


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.050 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.05 min

Lab File: BF106845.D

Acq: 27 Jun 2018 2:02

Instrument :

BNA_F

ClientSampleId :

PB110563BS

Tgt Ion:276 Resp: 174462

Ion Ratio Lower Upper

276 100

277 22.6 17.9 26.9

138 17.5 21.8 32.8#

