

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106697.D
 Acq On : 22 Jun 2018 9:59
 Operator : JU/SJ
 Sample : PB110463BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 11:34:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	68652	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	271287	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	146677	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	307952	20.00	ng	0.00
75) Chrysene-d12	14.15	240	244532	20.00	ng	0.00
86) Perylene-d12	15.69	264	221877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	443898	109.49	ng	0.01
7) Phenol-d6	6.61	99	574204	113.41	ng	0.00
23) Nitrobenzene-d5	7.53	82	380429	77.93	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	220354	129.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	721077	82.84	ng	0.00
78) Terphenyl-d14	13.08	244	929687	92.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	60808	29.173	ng	96
3) Pyridine	3.66	79	182177	32.227	ng	98
4) n-Nitrosodimethylamine	3.62	42	78124	32.539	ng	82
6) Aniline	6.63	93	176049	25.634	ng	# 69
8) 2-Chlorophenol	6.76	128	169149	38.038	ng	96
9) Benzaldehyde	6.51	77	83515	21.346	ng	99
10) Phenol	6.62	94	206798	35.790	ng	80
11) bis(2-Chloroethyl)ether	6.70	93	176321	36.964	ng	99
12) 1,3-Dichlorobenzene	6.90	146	195316	37.502	ng	100
13) 1,4-Dichlorobenzene	6.98	146	195662	37.159	ng	100
14) 1,2-Dichlorobenzene	7.13	146	183341	37.993	ng	98
15) Benzyl Alcohol	7.11	79	153684	37.803	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	247614	39.564	ng	69
17) 2-Methylphenol	7.22	107	147300	38.708	ng	# 91
18) Hexachloroethane	7.47	117	69649	37.614	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	116940	35.039	ng	93
20) 3+4-Methylphenols	7.37	107	178554	42.899	ng	# 69
22) Acetophenone	7.37	105	230052	37.904	ng	# 95
24) Nitrobenzene	7.55	77	188005	37.723	ng	99
25) Isophorone	7.78	82	350138	40.704	ng	99
26) 2-Nitrophenol	7.86	139	98650	41.930	ng	99
27) 2,4-Dimethylphenol	7.90	122	161836	44.503	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	222525	38.528	ng	99
29) 2,4-Dichlorophenol	8.11	162	162288	42.627	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	172392	41.104	ng	98
31) Naphthalene	8.27	128	500218	39.439	ng	99
32) Benzoic acid	8.04	122	89652	35.577	ng	97
33) 4-Chloroaniline	8.31	127	94291	17.717	ng	99
34) Hexachlorobutadiene	8.37	225	114711	41.975	ng	98
35) Caprolactam	8.70	113	33163	26.722	ng	96
36) 4-Chloro-3-methylphenol	8.81	107	170938	42.656	ng	95
37) 2-Methylnaphthalene	8.96	142	375514	44.667	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	191203	38.708	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	215665	84.860	ng	99

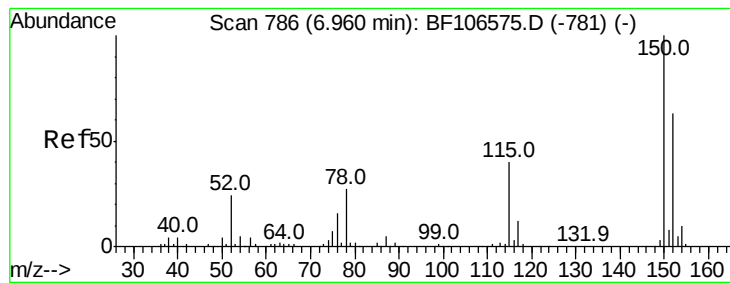
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106697.D
 Acq On : 22 Jun 2018 9:59
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Quant Time: Jun 22 11:34:32 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	123783	37.699	nq	93
43) 2,4,5-Trichlorophenol	9.29	196	128495	37.504	nq	90
45) 1,1'-Biphenyl	9.42	154	447686	38.298	nq	98
46) 2-Chloronaphthalene	9.45	162	335404	36.452	nq	95
47) 2-Nitroaniline	9.55	65	111103	35.908	nq	97
48) Acenaphthylene	9.87	152	536950	36.962	nq	99
49) Dimethylphthalate	9.72	163	405732	36.882	nq	99
50) 2,6-Dinitrotoluene	9.79	165	98025	42.080	nq	91
51) Acenaphthene	10.04	154	323324	35.345	nq	98
52) 3-Nitroaniline	9.96	138	65446	24.414	nq	98
53) 2,4-Dinitrophenol	10.08	184	93913	77.704	nq #	12
54) Dibenzofuran	10.21	168	504600	40.284	nq	97
55) 4-Nitrophenol	10.15	139	122225	65.322	nq	98
56) 2,4-Dinitrotoluene	10.20	165	132040	43.425	nq #	83
57) Fluorene	10.56	166	393699	39.608	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	119604	43.915	nq #	81
59) Diethylphthalate	10.42	149	393706	37.080	nq	95
60) 4-Chlorophenyl-phenylether	10.54	204	205087	39.434	nq #	87
61) 4-Nitroaniline	10.59	138	101006	37.967	nq	90
62) Azobenzene	10.71	77	385237	36.844	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	75091	39.447	nq #	67
65) n-Nitrosodiphenylamine	10.67	169	356295	34.398	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	146756	39.931	nq #	79
67) Hexachlorobenzene	11.11	284	152352	39.606	nq #	82
68) Atrazine	11.19	200	132381	40.203	nq	96
69) Pentachlorophenol	11.31	266	134767	70.216	nq	99
70) Phenanthrene	11.52	178	593982	39.990	nq	99
71) Anthracene	11.58	178	619182	40.841	nq	100
72) Carbazole	11.73	167	546286	38.487	nq	99
73) Di-n-butylphthalate	12.04	149	629365	37.637	nq	100
74) Fluoranthene	12.72	202	663324	40.518	nq	96
76) Benzidine	12.84	184	238731	34.280	nq	97
77) Pyrene	12.95	202	668783	41.474	nq	100
79) Butylbenzylphthalate	13.55	149	255072	38.473	nq #	96
80) Benzo(a)anthracene	14.14	228	594308	39.877	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	134903	25.755	nq #	95
82) Chrysene	14.18	228	542328	39.554	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	328900	38.803	nq #	96
84) Di-n-octyl phthalate	14.74	149	518422	37.522	nq #	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	564873	48.547	nq #	90
87) Benzo(b)fluoranthene	15.24	252	531396	38.555	nq #	96
88) Benzo(k)fluoranthene	15.27	252	477730	36.397	nq #	95
89) Benzo(a)pyrene	15.63	252	497357	40.592	nq #	97
90) Dibenzo(a,h)anthracene	17.29	278	465403	44.819	nq #	93
91) Benzo(g,h,i)perylene	17.76	276	487731	48.055	nq #	89

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

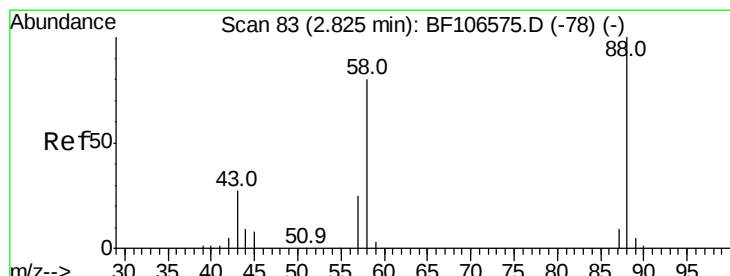
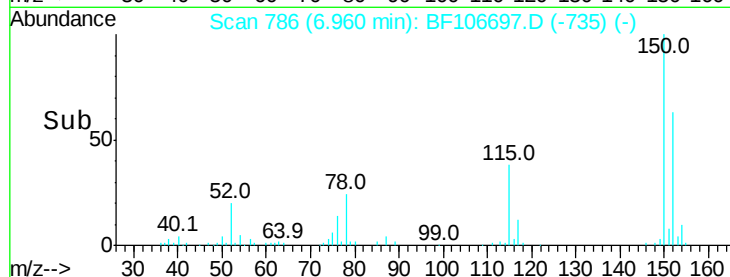
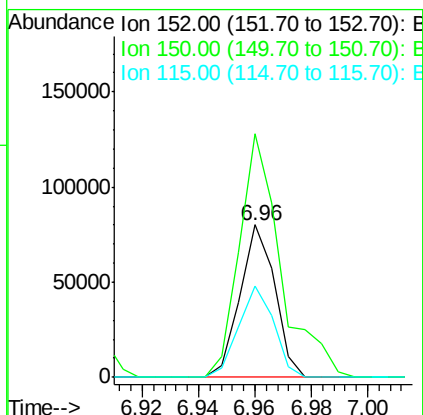
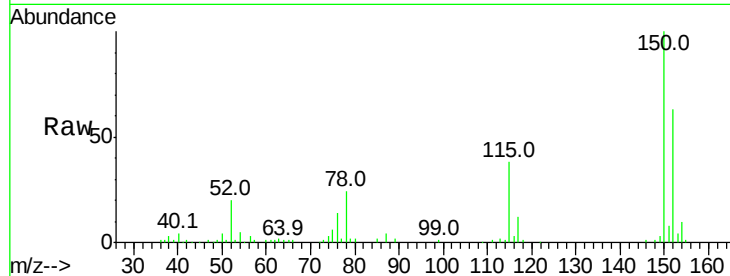


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :

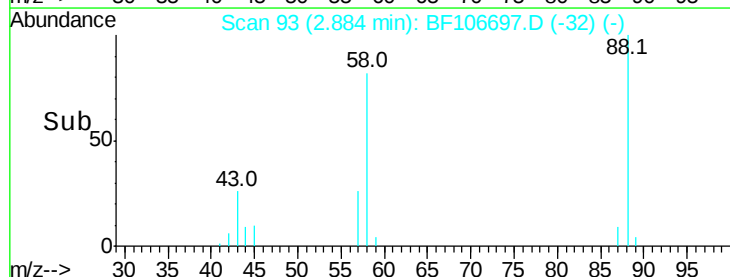
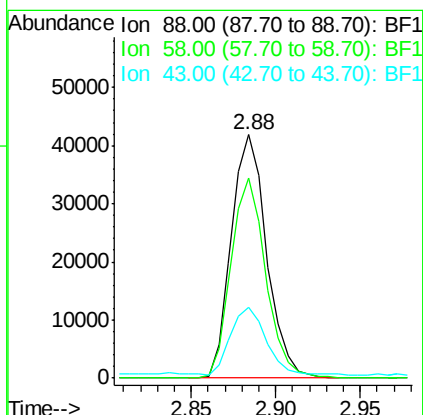
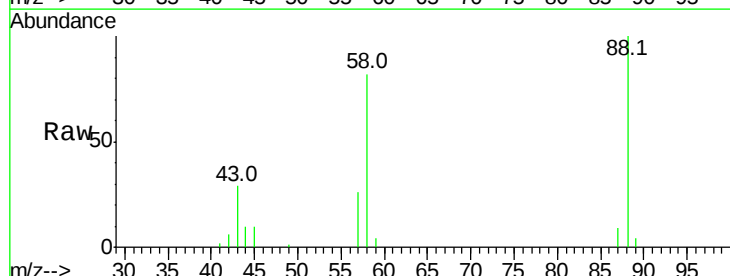
Tot Ion:152 Resp: 68652
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 59.9 50.1 75.1

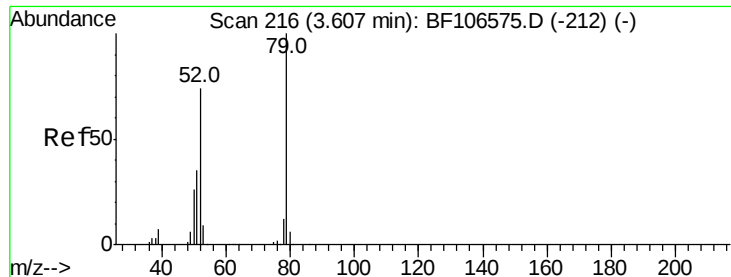


#2

1,4-Dioxane
Concen: 29.173 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion: 88 Resp: 60808
Ion Ratio Lower Upper
88 100
58 81.2 62.6 93.8
43 28.5 24.6 37.0





#3

Pvridine

Concen: 32.227 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.05 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

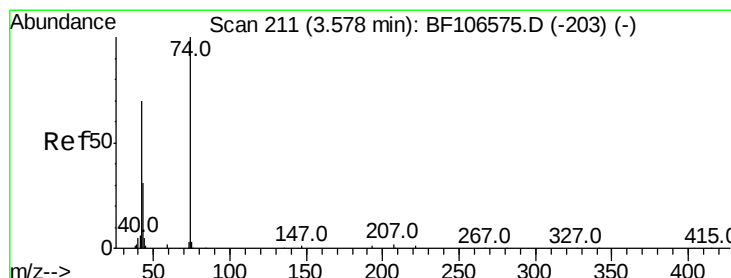
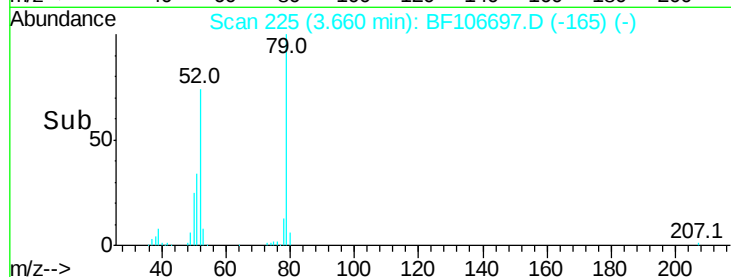
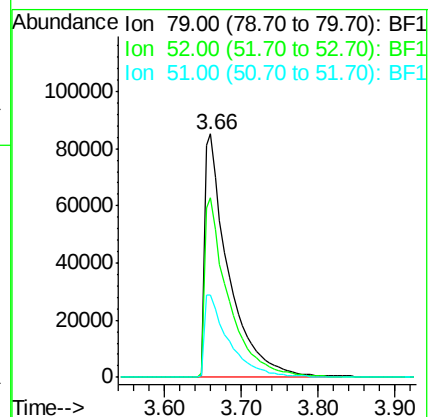
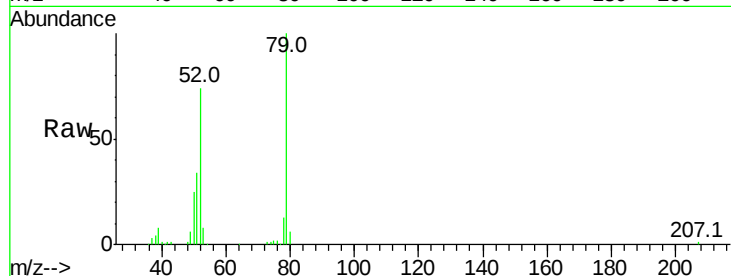
Tot Ion: 79 Resp: 182177

Ion Ratio Lower Upper

79 100

52 74.0 59.8 89.6

51 33.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.539 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.04 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

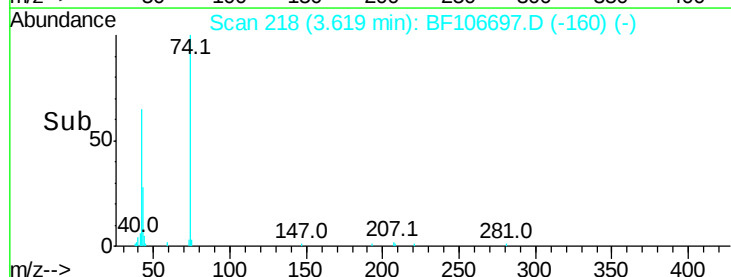
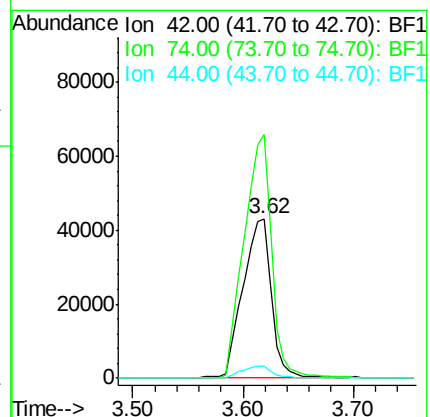
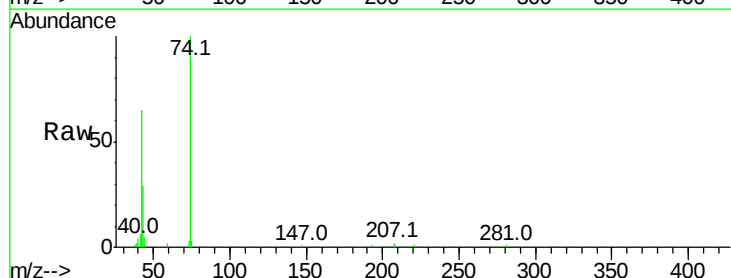
Tgt Ion: 42 Resp: 78124

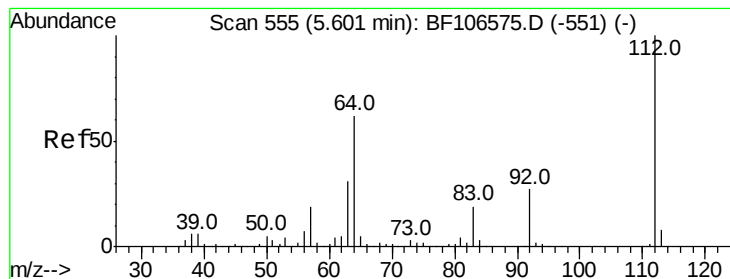
Ion Ratio Lower Upper

42 100

74 152.8 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 109.488 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampled :

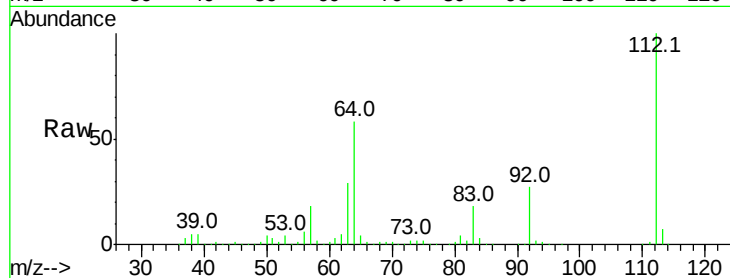
Tot Ion:112 Resp: 443898

Ion Ratio Lower Upper

112 100

64 58.1 47.9 71.9

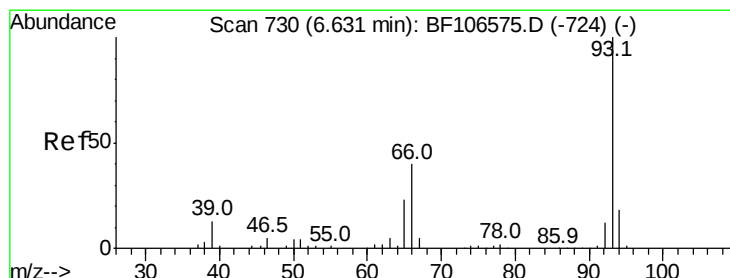
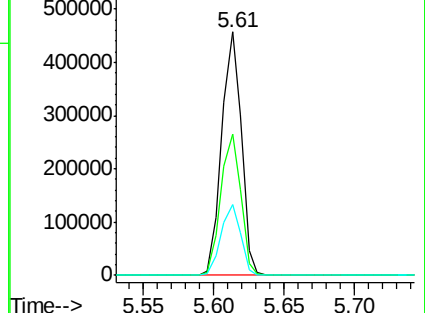
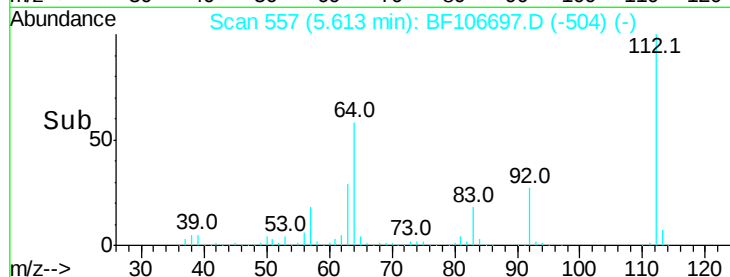
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.634 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

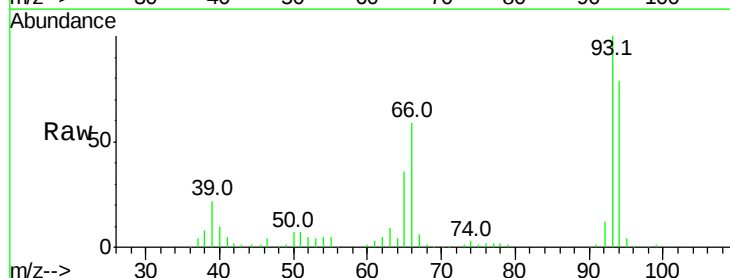
Tgt Ion: 93 Resp: 176049

Ion Ratio Lower Upper

93 100

66 58.7 32.2 48.2#

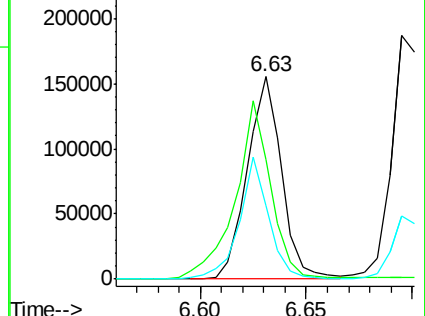
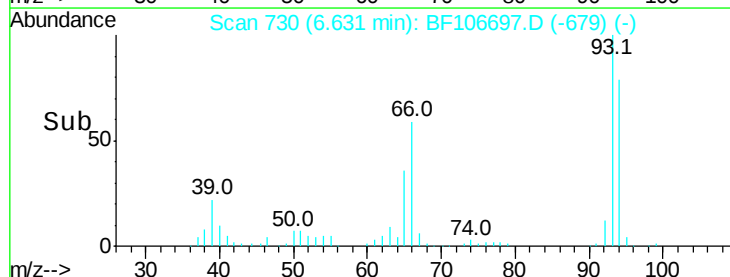
65 36.0 16.4 24.6#



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: 113.411 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

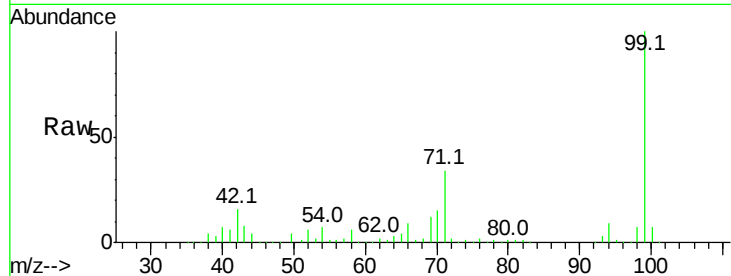
Tot Ion: 99 Resp: 574204

Ion Ratio Lower Upper

99 100

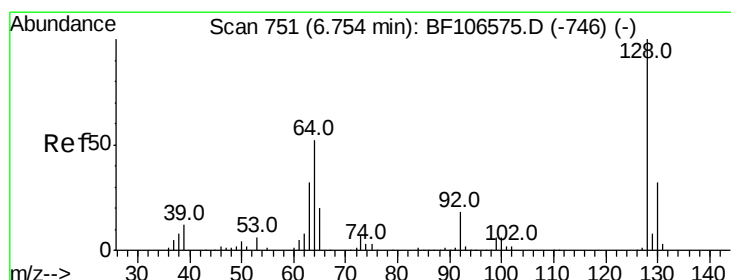
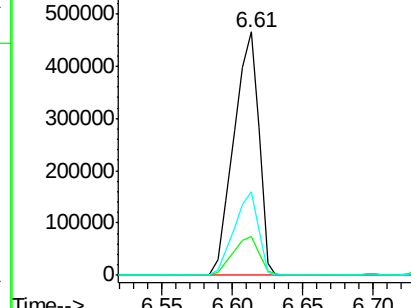
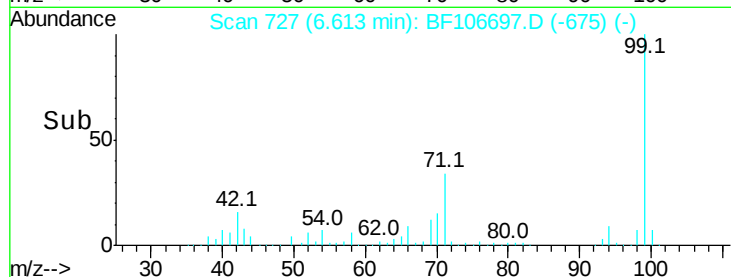
42 16.0 14.5 21.7

71 34.3 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

6.61



#8

2-Chlorophenol

Concen: 38.038 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

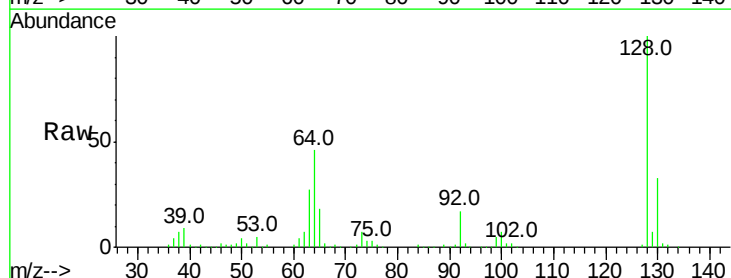
Tgt Ion:128 Resp: 169149

Ion Ratio Lower Upper

128 100

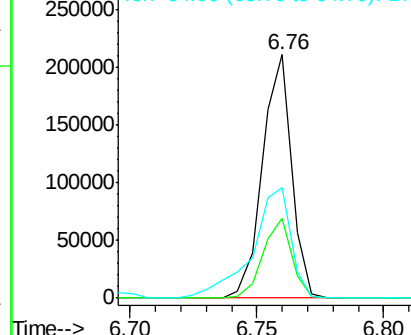
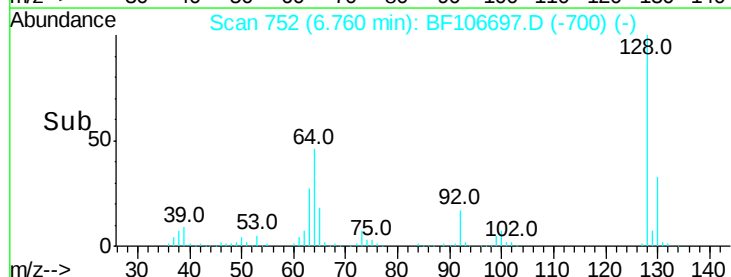
130 32.7 13.0 53.0

64 45.5 29.4 69.4



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

6.76





#9

Benzaldehyde

Concen: 21.346 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

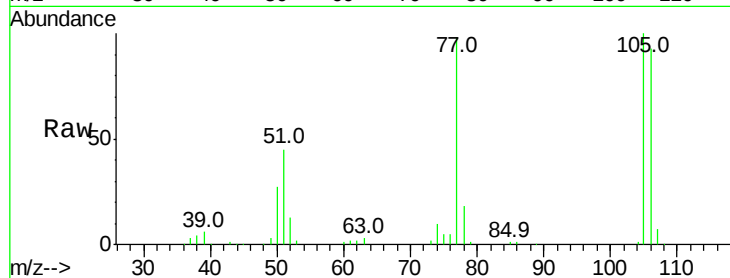
Tot Ion: 77 Resp: 83515

Ion Ratio Lower Upper

77 100

105 101.8 81.1 121.1

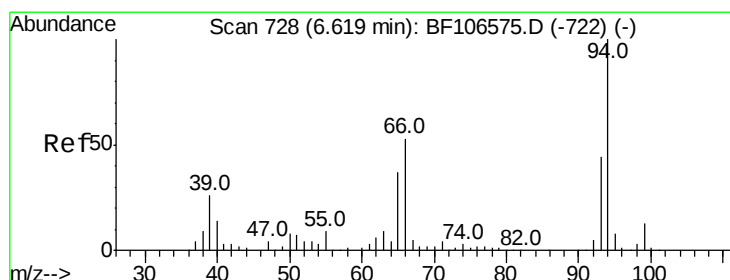
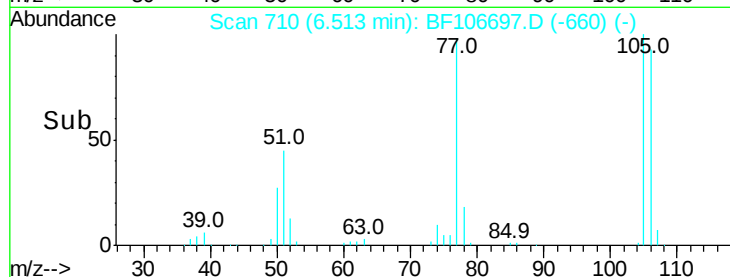
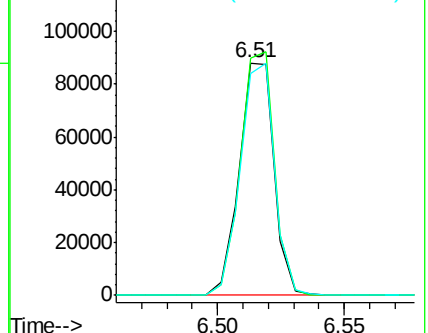
106 95.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.790 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

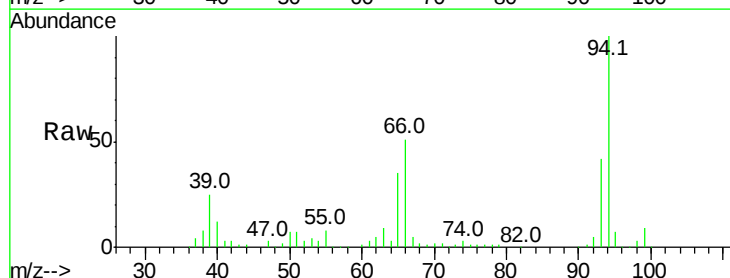
Tgt Ion: 94 Resp: 206798

Ion Ratio Lower Upper

94 100

65 35.0 7.9 47.9

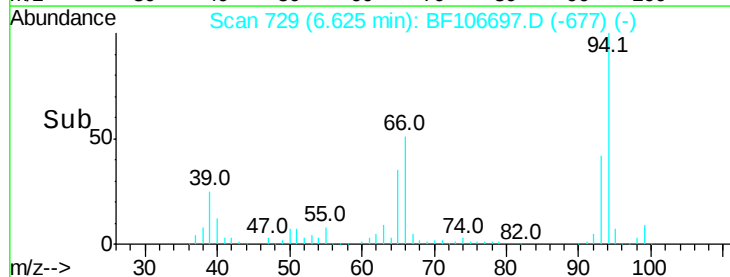
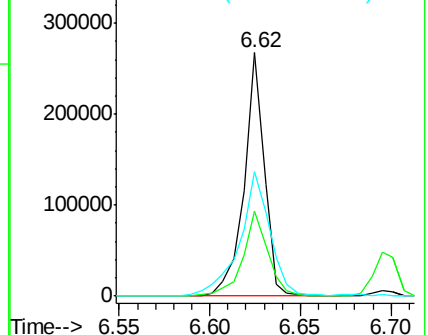
66 51.0 16.2 56.2

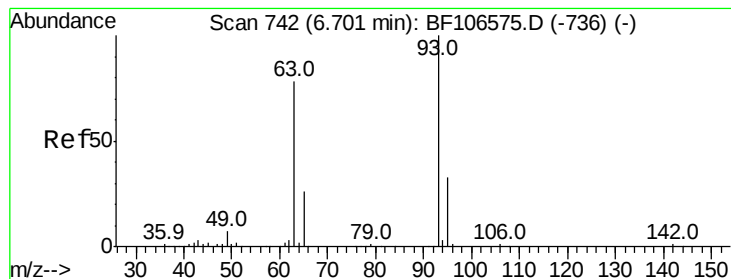


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



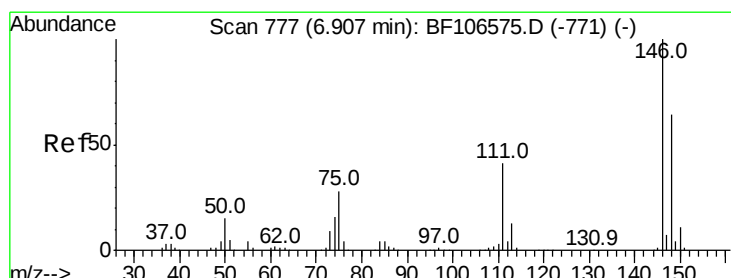
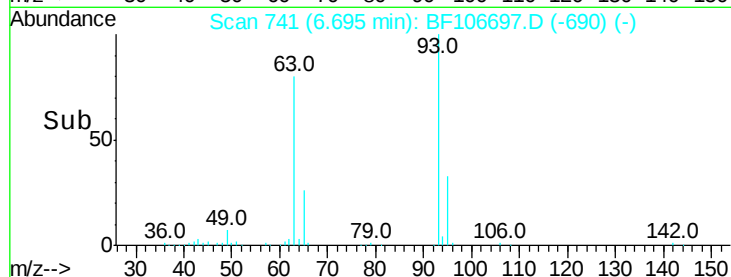
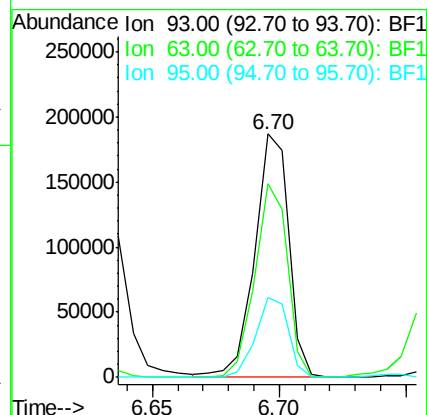
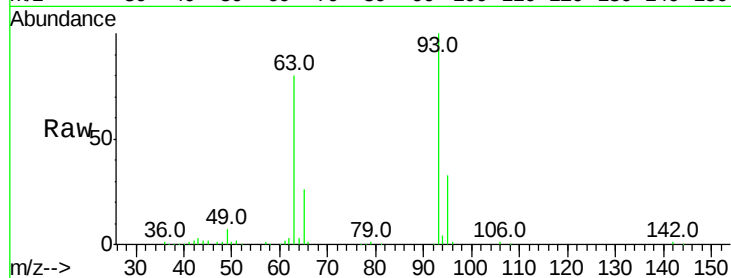


#11

bis(2-Chloroethyl)ether
Concen: 36.964 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampled :

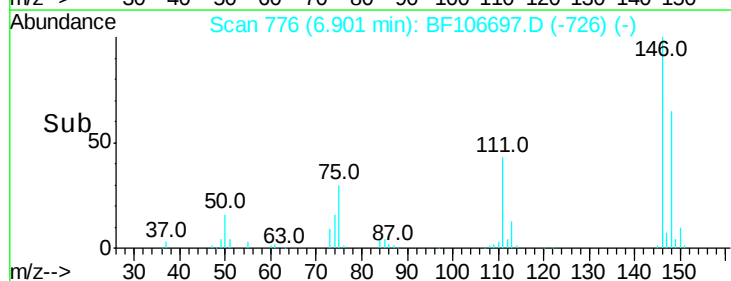
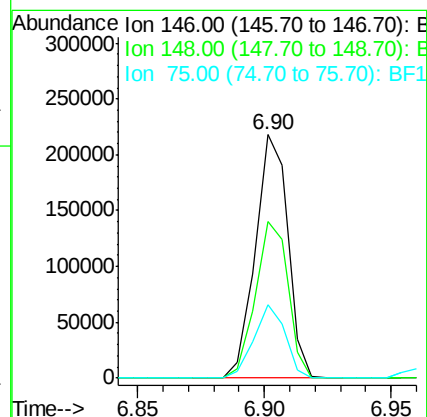
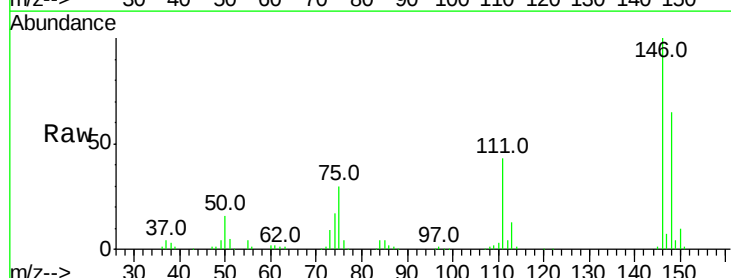
Tot Ion: 93 Resp: 176321
Ion Ratio Lower Upper
93 100
63 79.5 58.6 98.6
95 32.8 11.8 51.8

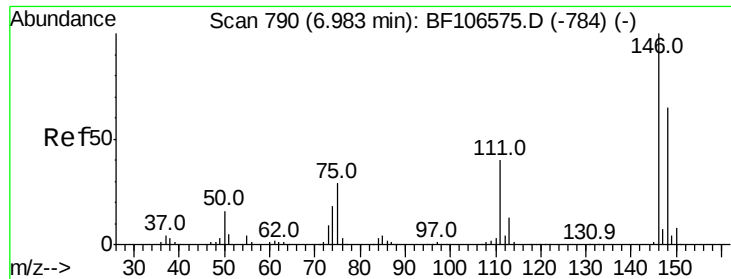


#12

1,3-Dichlorobenzene
Concen: 37.502 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion: 146 Resp: 195316
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.8
75 30.3 24.2 36.4

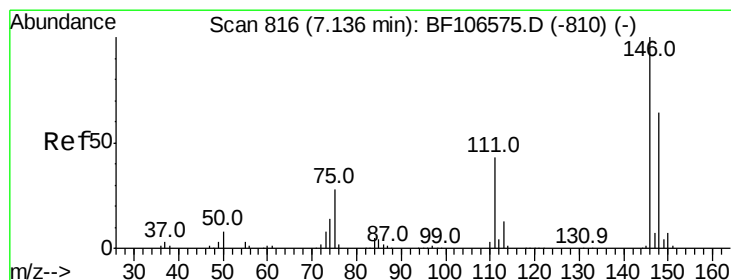
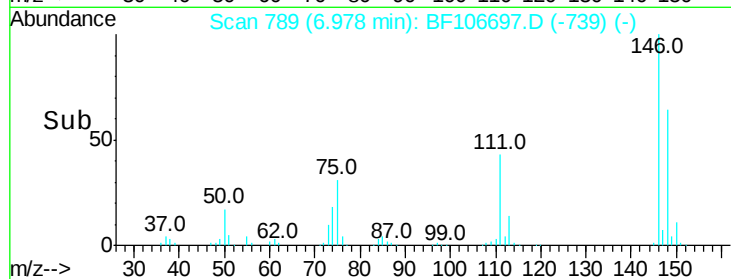
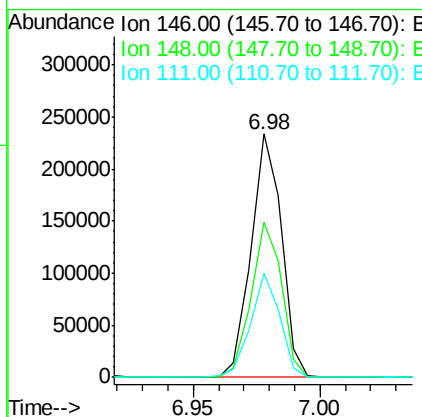
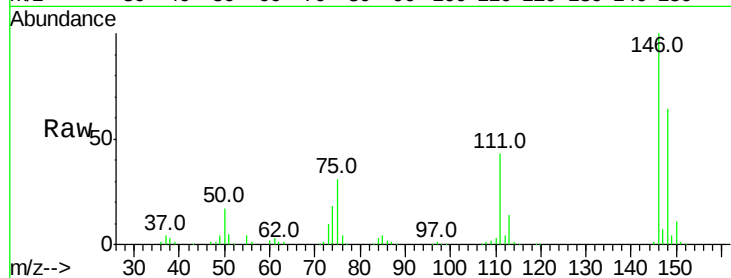




#13
 1,4-Dichlorobenzene
 Concen: 37.159 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

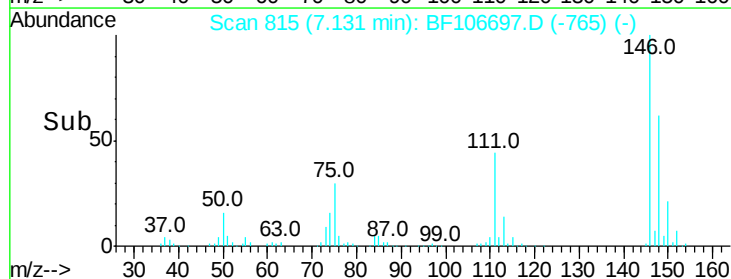
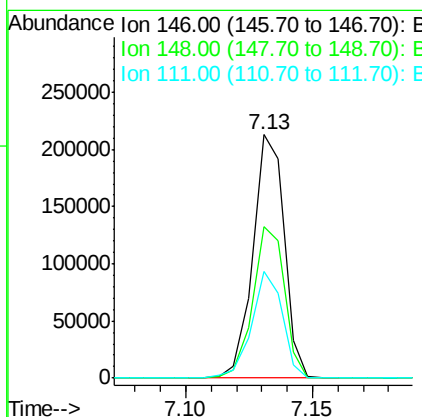
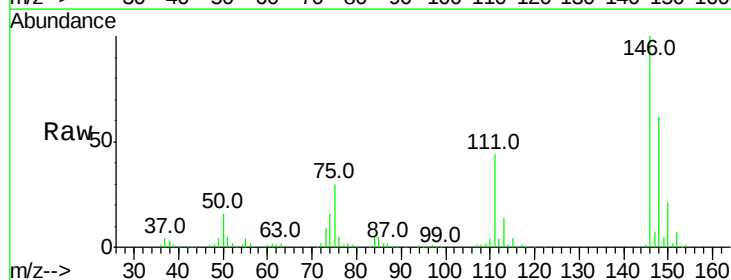
Instrument :
 BNA_F
 ClientSampleId :

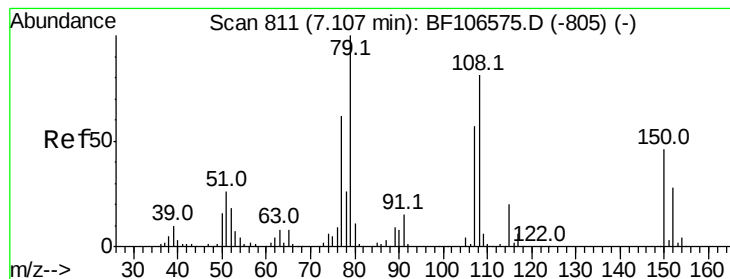
Tot Ion:146 Resp: 195662
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.993 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:146 Resp: 183341
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 43.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.803 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :

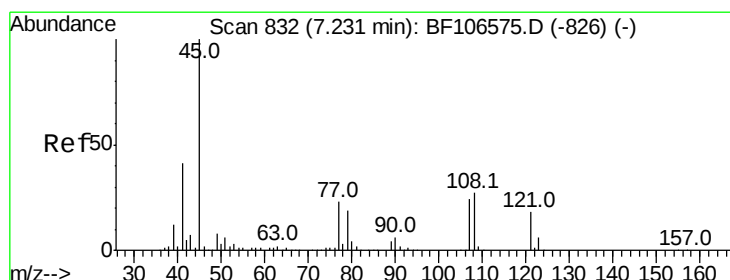
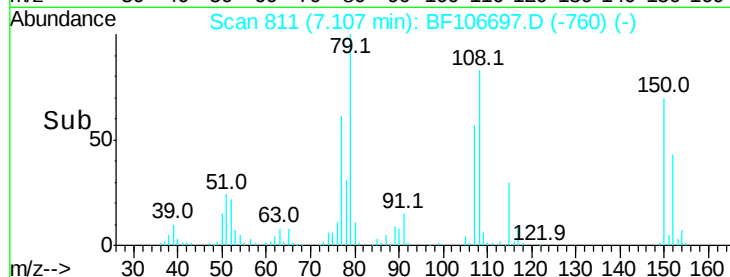
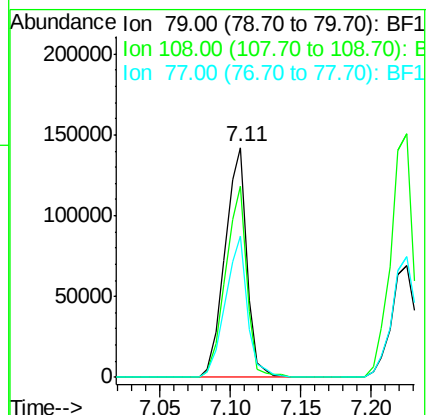
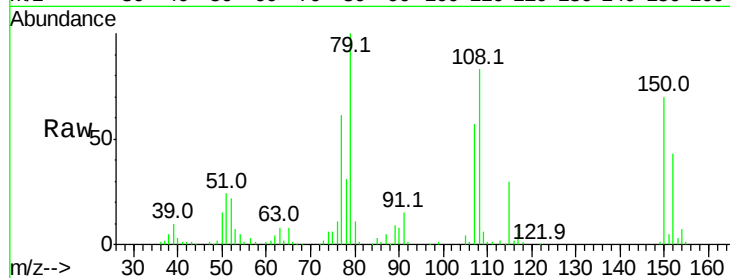
Tot Ion: 79 Resp: 153684

Ion Ratio Lower Upper

79 100

108 83.1 65.1 97.7

77 61.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.564 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

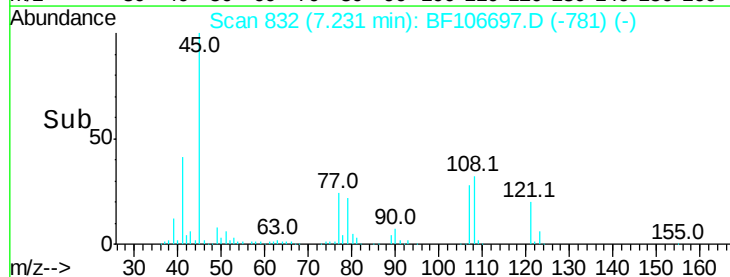
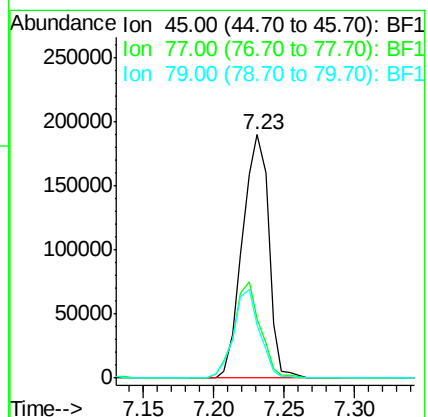
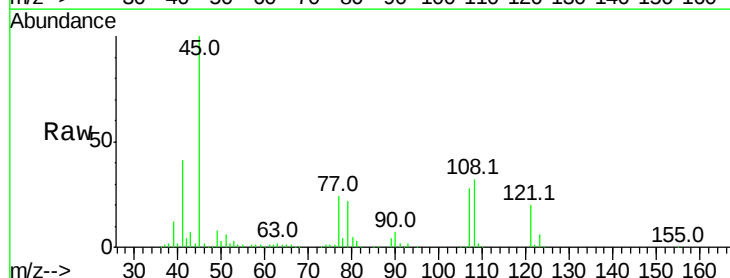
Tgt Ion: 45 Resp: 247614

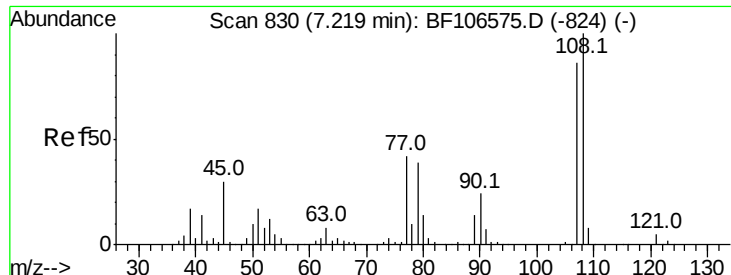
Ion Ratio Lower Upper

45 100

77 24.3 0.0 32.9

79 21.8 0.0 29.6

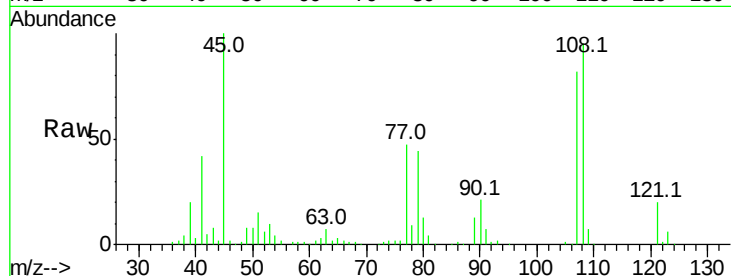




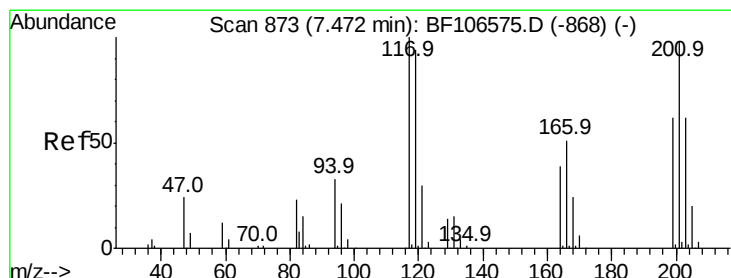
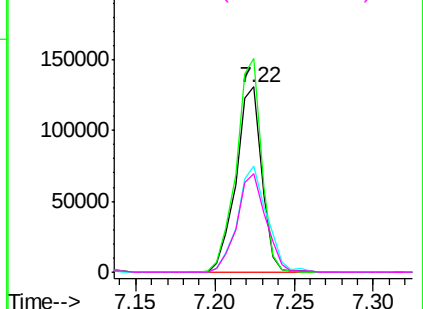
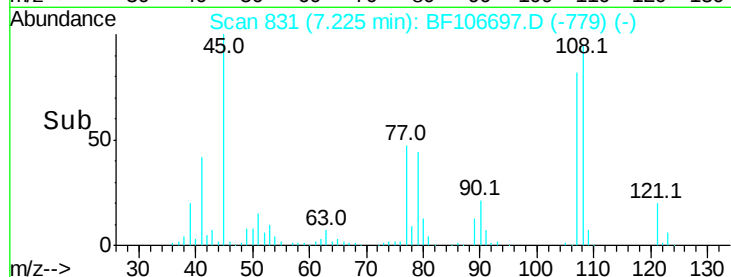
#17
2-Methylphenol
Concen: 38.708 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 147300
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 57.1 33.8 50.8#
79 52.9 33.8 50.8#

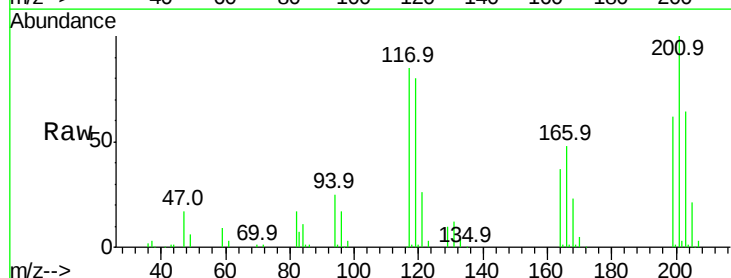


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

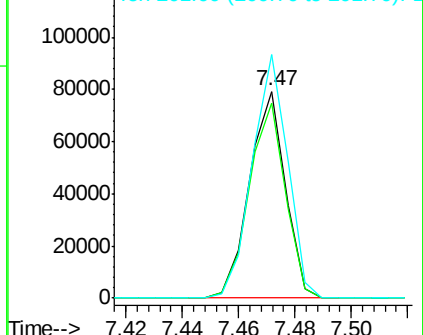
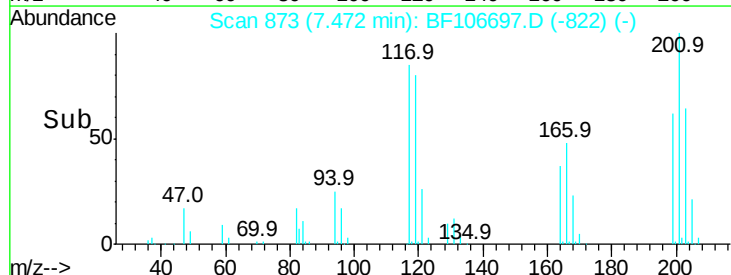


#18
Hexachloroethane
Concen: 37.614 ng
RT: 7.47 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion:117 Resp: 69649
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.8
201 117.7 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

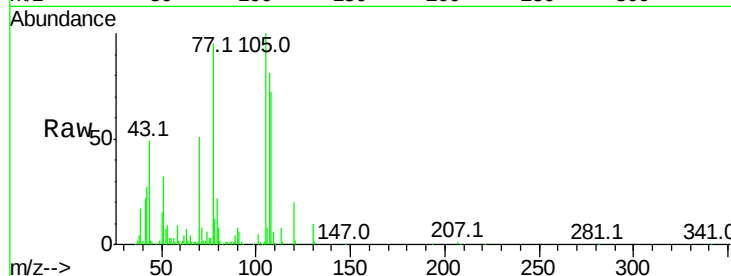




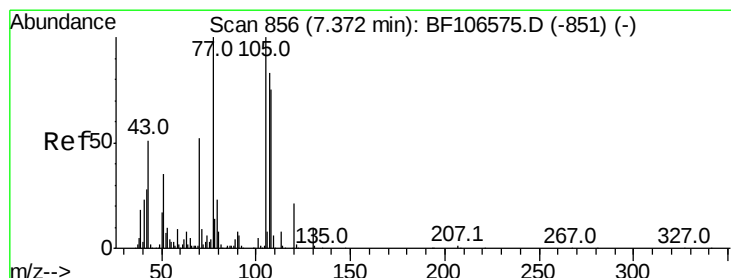
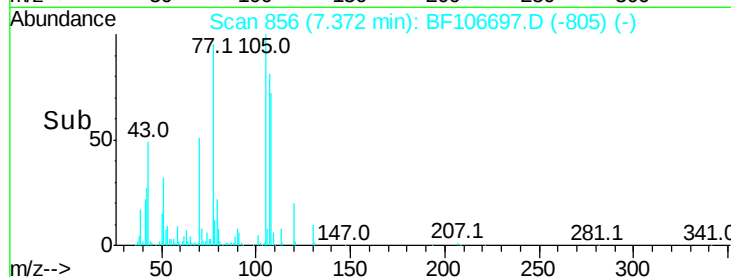
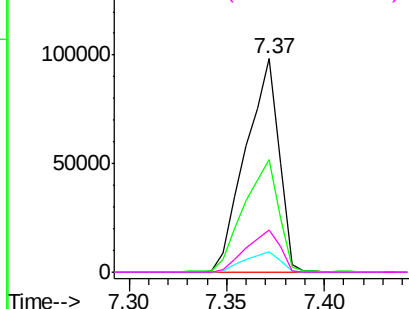
#19
n-Nitroso-di-n-propylamine
Concen: 35.039 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 116940
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 9.9 7.4 11.2
130 20.0 16.6 25.0



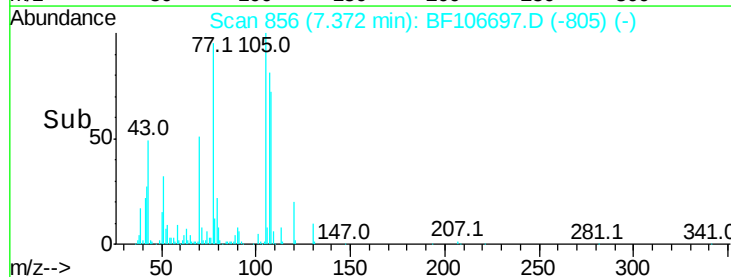
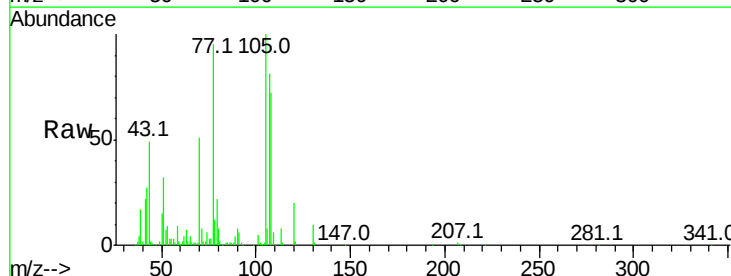
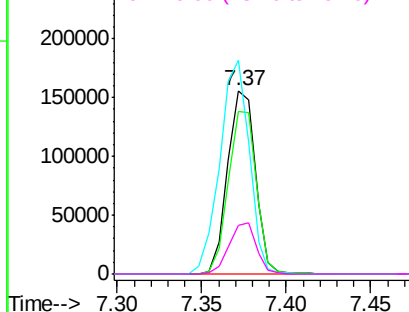
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

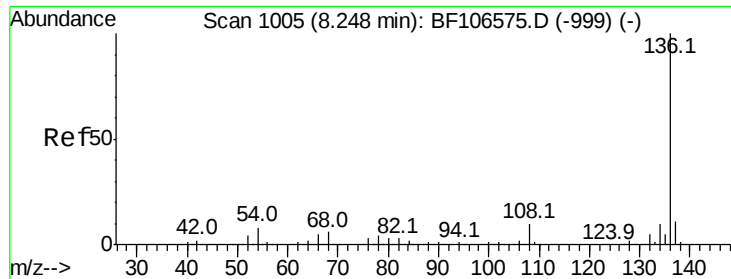


#20
3+4-Methylphenols
Concen: 42.899 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion: 107 Resp: 178554
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 116.6 26.7 66.7#
79 26.9 6.3 46.3

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

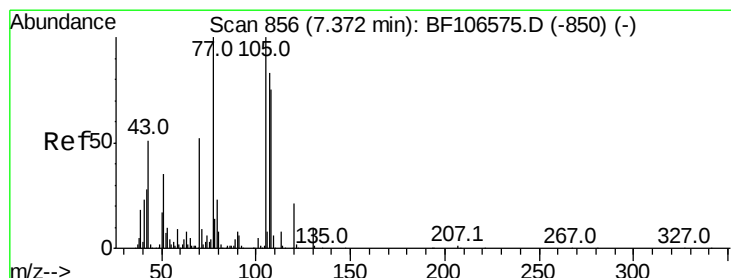
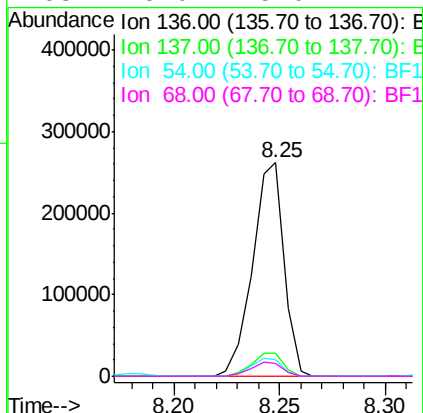
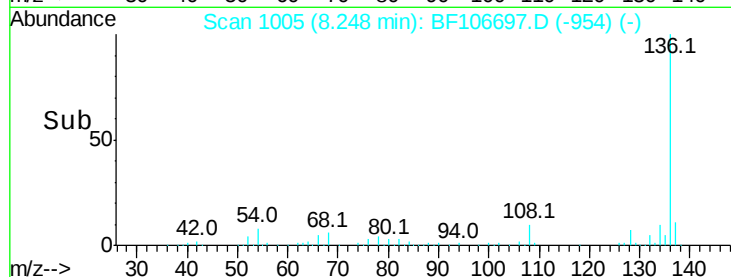
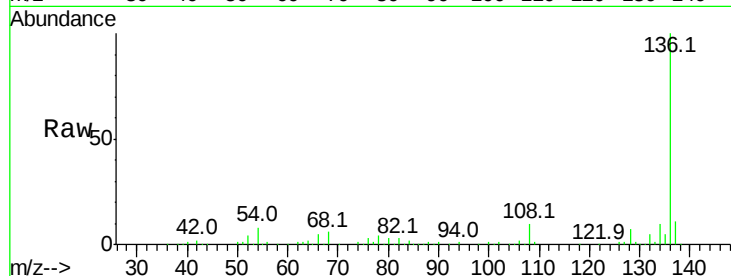




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

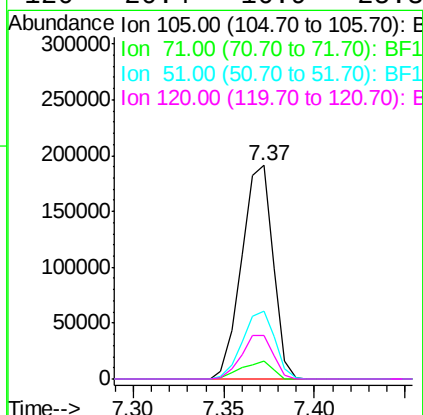
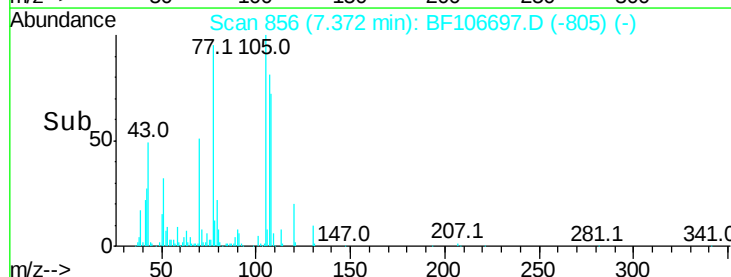
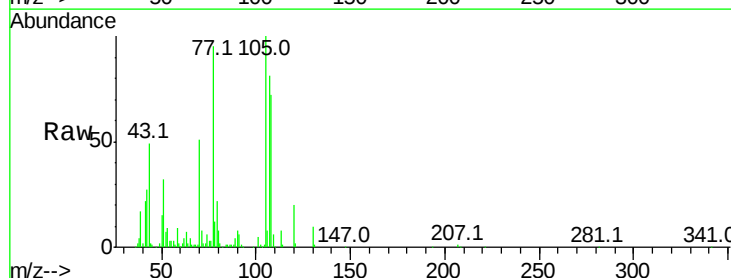
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	271287
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.8	6.6 9.8
68	6.0	5.0 7.4



#22
Acetophenone
Concen: 37.904 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion:105	Resp:	230052
Ion Ratio	Lower	Upper
105	100	
71	8.4	4.4 6.6#
51	32.0	22.3 33.5
120	20.4	16.9 25.3

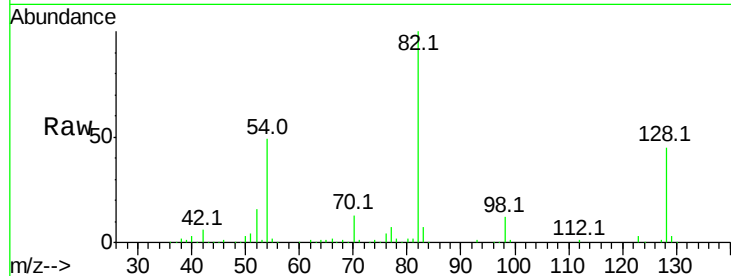




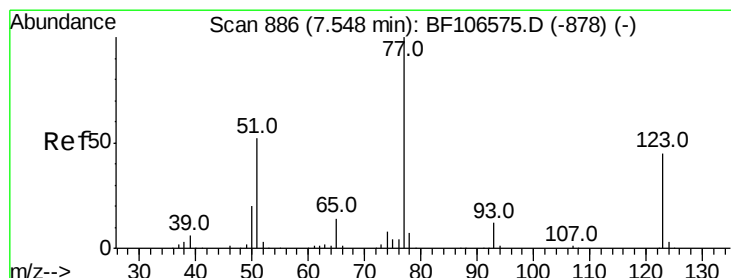
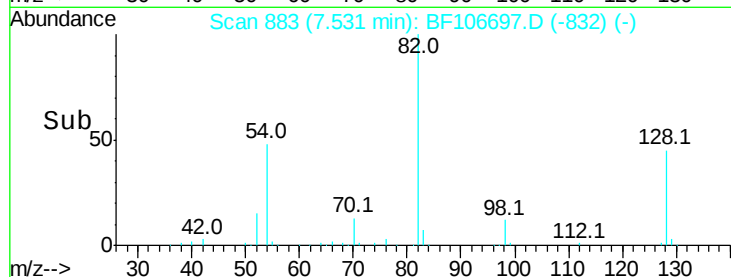
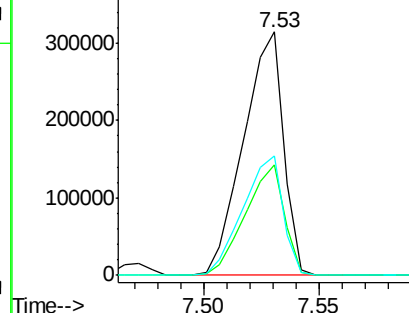
#23
Nitrobenzene-d5
Concen: 77.931 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	48.9	41.4	62.2

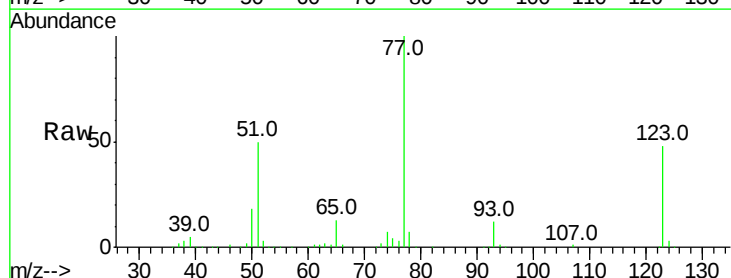


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

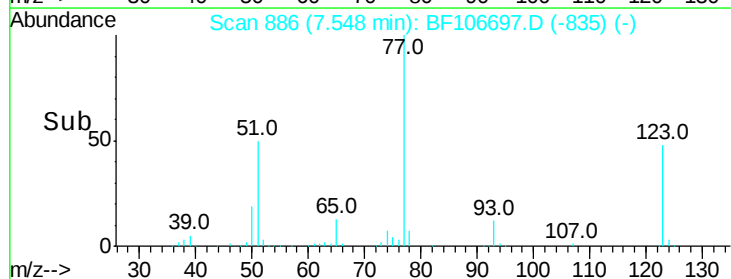
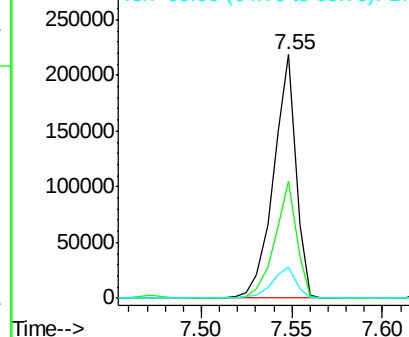


#24
Nitrobenzene
Concen: 37.723 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.9	56.9
65	13.0	11.0	16.4



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





#25

Isophorone

Concen: 40.704 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

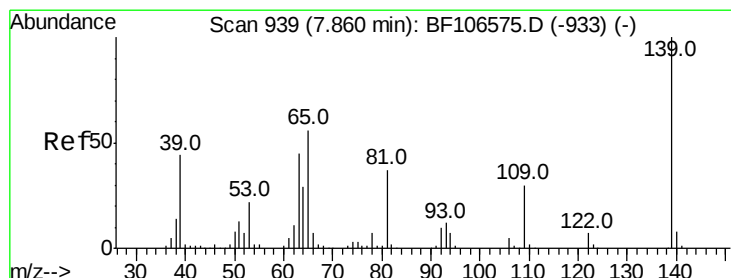
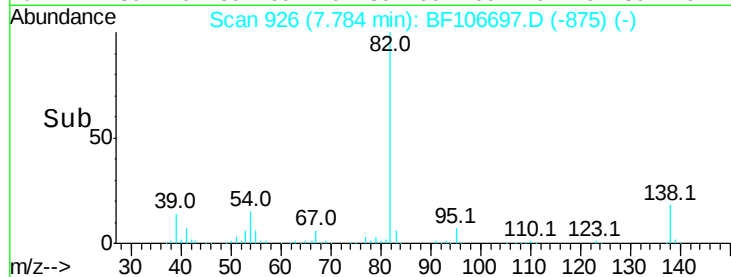
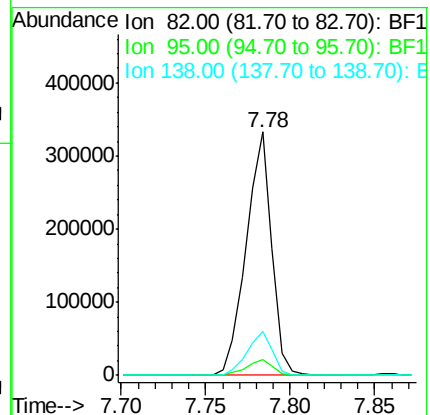
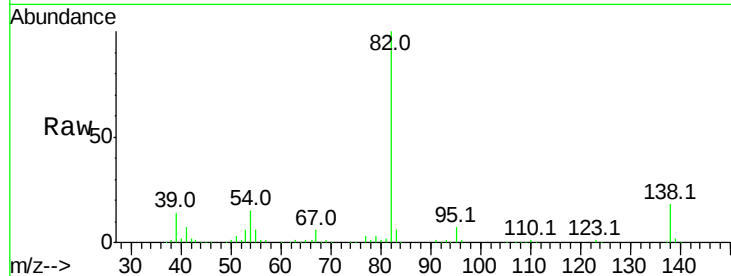
Tot Ion: 82 Resp: 350138

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 41.930 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

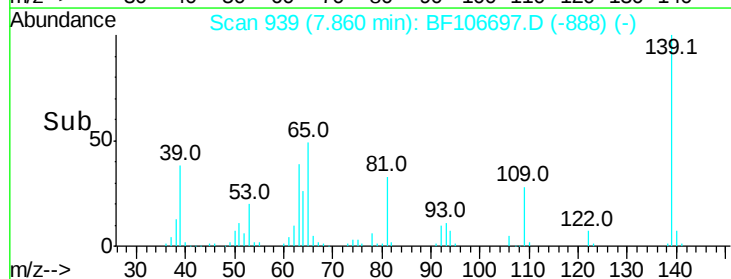
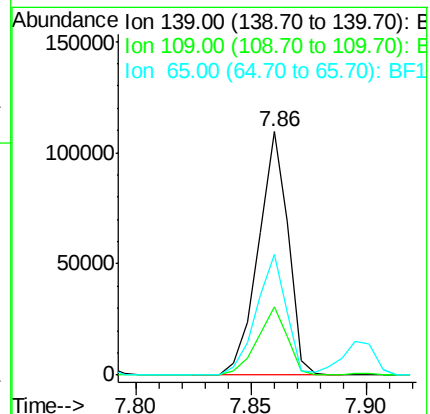
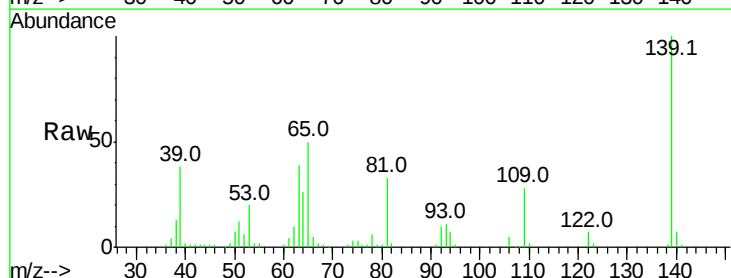
Tgt Ion: 139 Resp: 98650

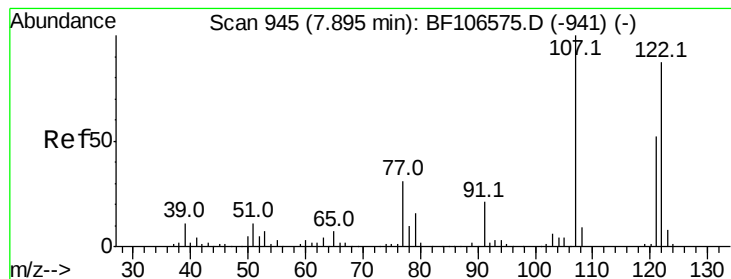
Ion Ratio Lower Upper

139 100

109 28.1 22.7 34.1

65 49.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.503 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampled :

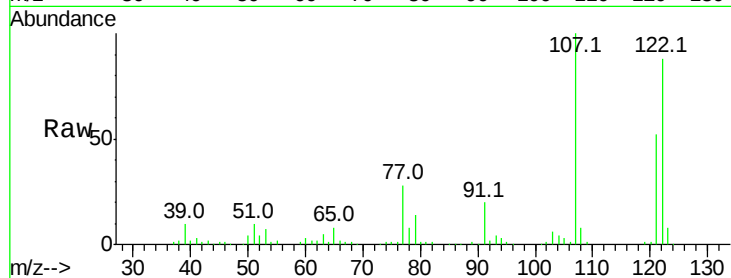
Tot Ion:122 Resp: 161836

Ion Ratio Lower Upper

122 100

107 113.2 91.2 136.8

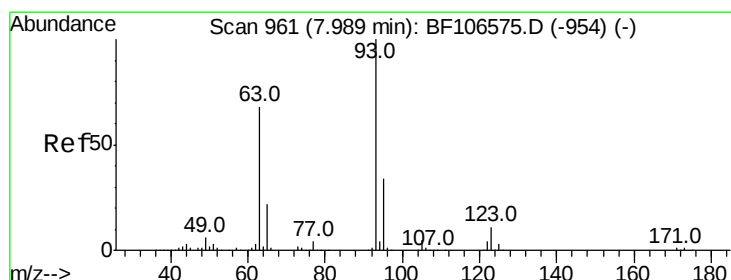
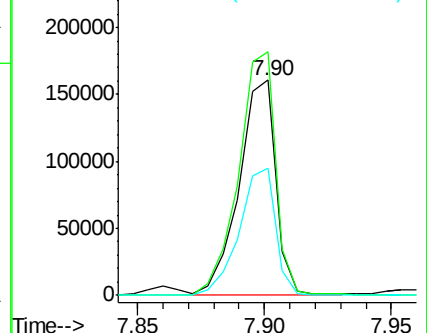
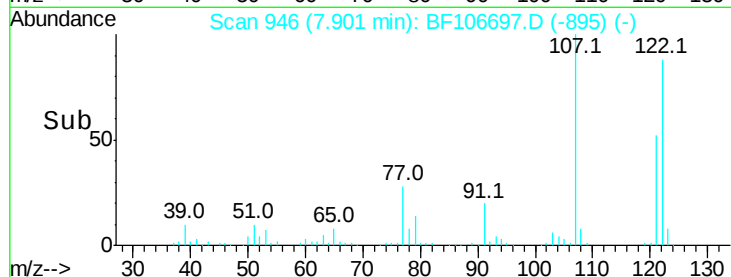
121 59.4 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.528 ng

RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

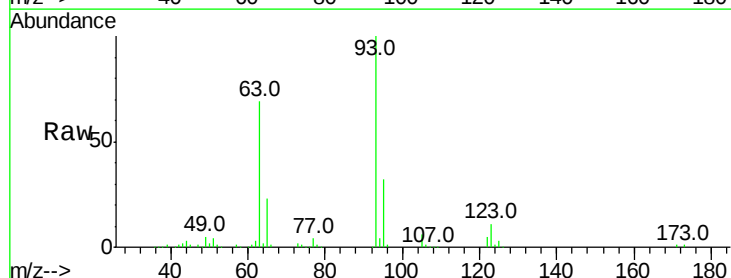
Tgt Ion: 93 Resp: 222525

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

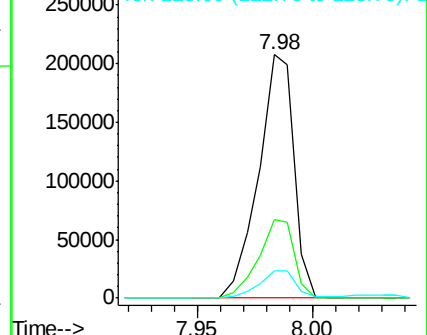
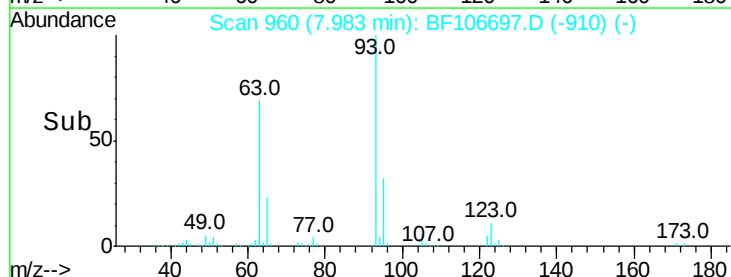
123 11.0 9.8 14.6

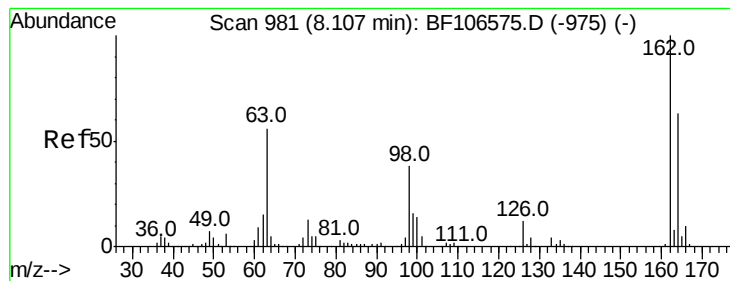


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.627 ng

RT: 8.11 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

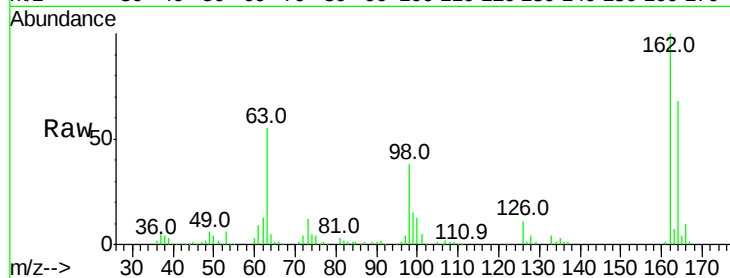
Tot Ion:162 Resp: 162288

Ion Ratio Lower Upper

162 100

164 68.4 42.7 82.7

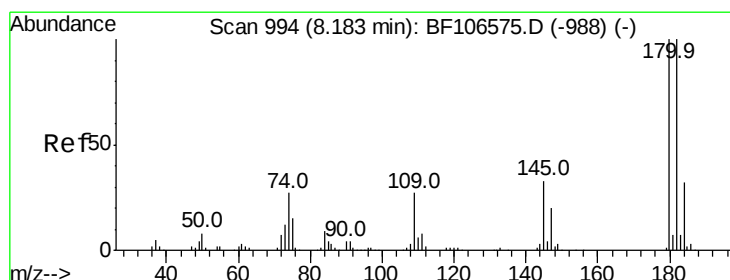
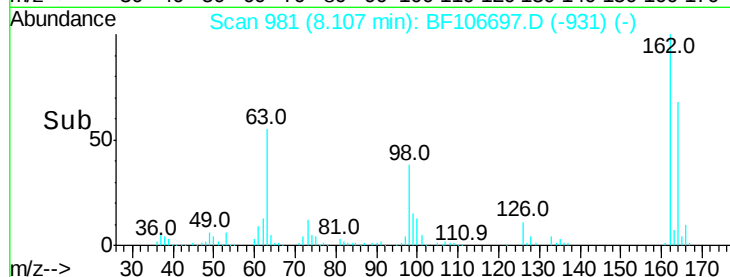
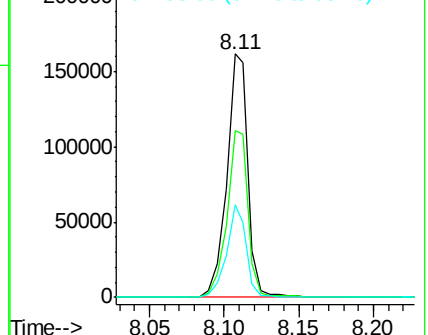
98 37.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.104 ng

RT: 8.18 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

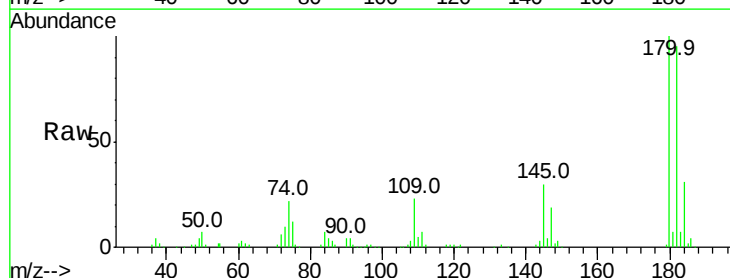
Tgt Ion:180 Resp: 172392

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

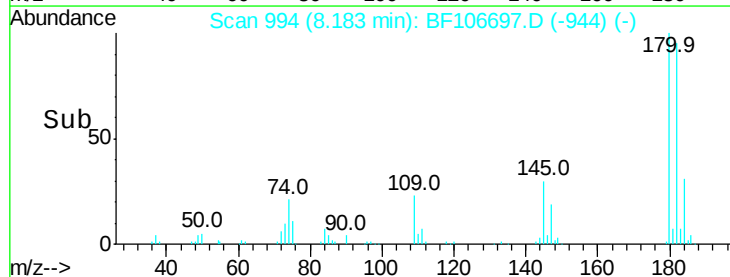
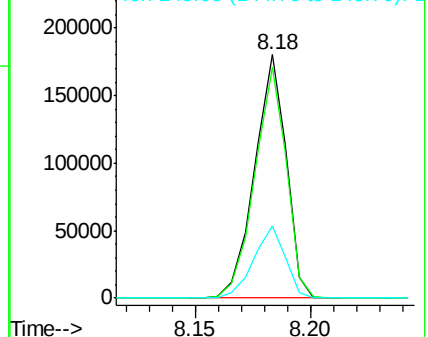
145 29.7 26.5 39.7

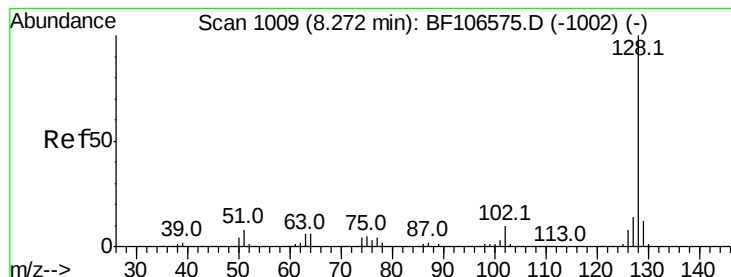


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.439 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

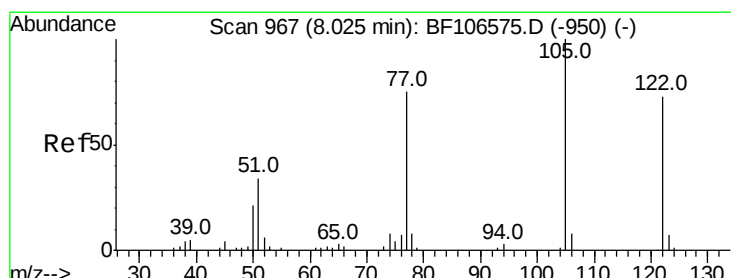
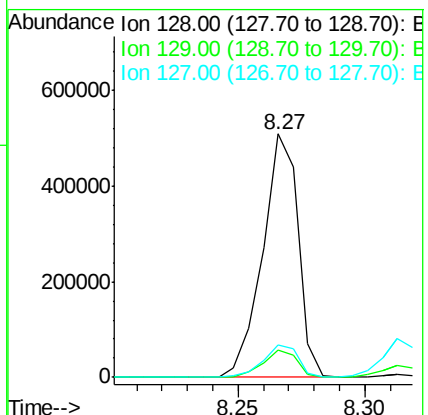
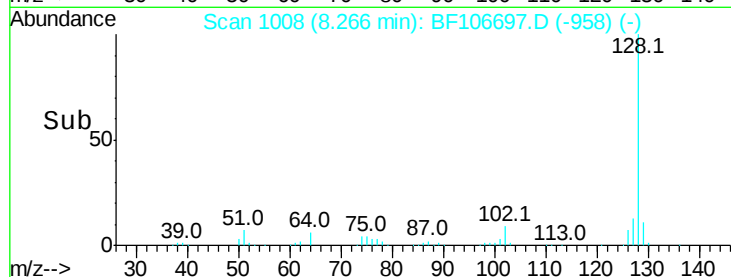
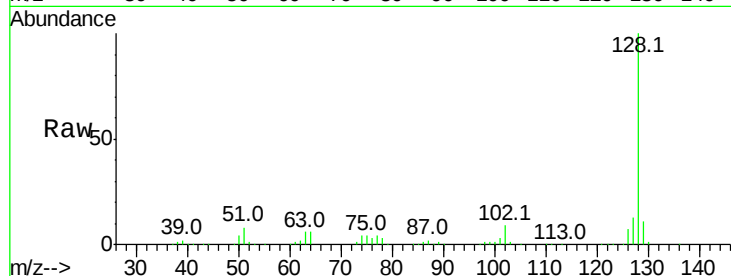
Tot Ion:128 Resp: 500218

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.1 10.9 16.3



#32

Benzoic acid

Concen: 35.577 ng

RT: 8.04 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

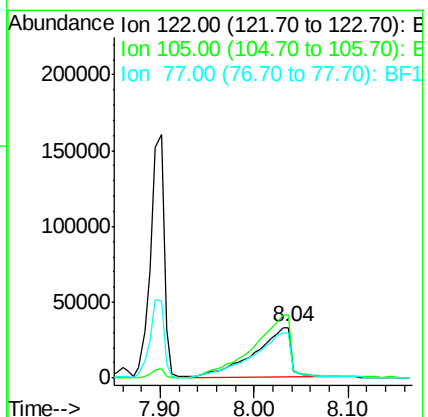
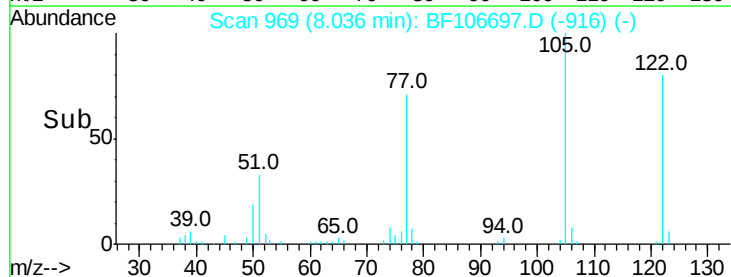
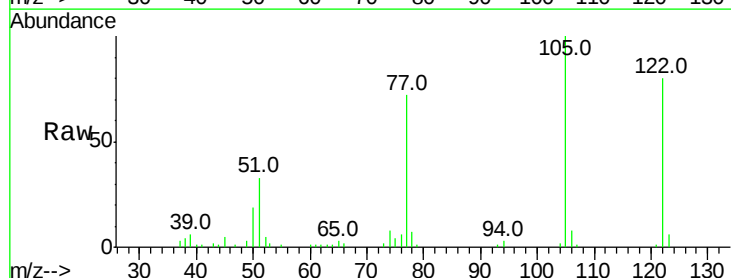
Tgt Ion:122 Resp: 89652

Ion Ratio Lower Upper

122 100

105 125.2 101.1 141.1

77 89.5 70.7 110.7

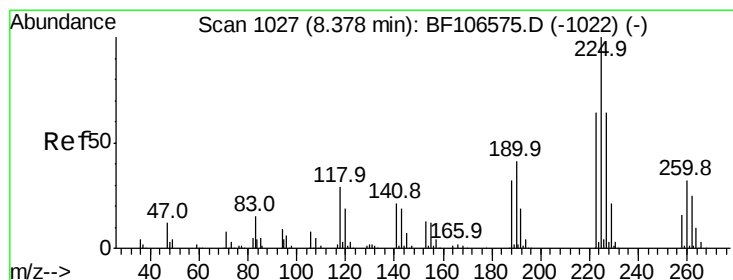
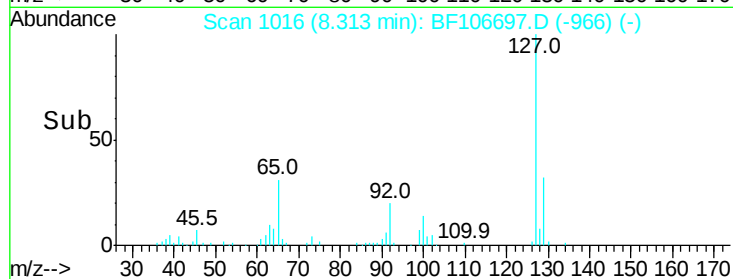
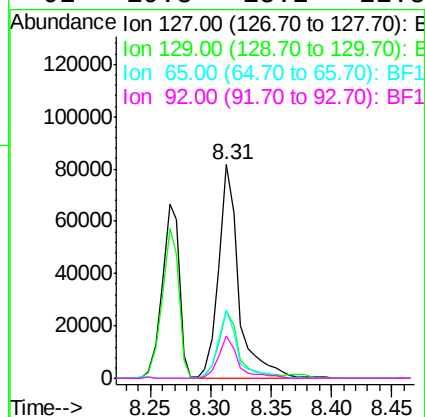
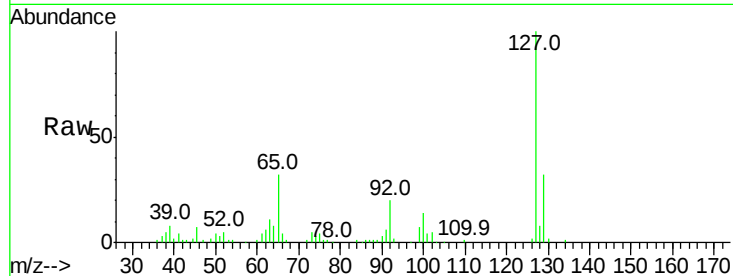




#33
4-Chloroaniline
Concen: 17.717 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

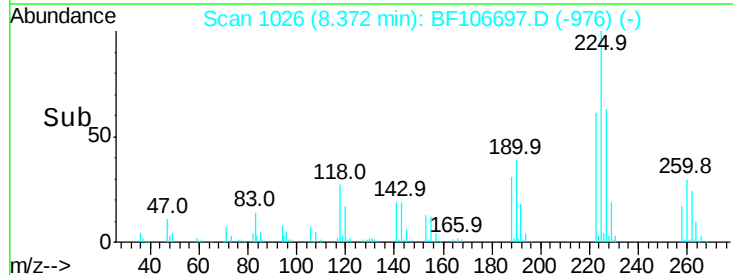
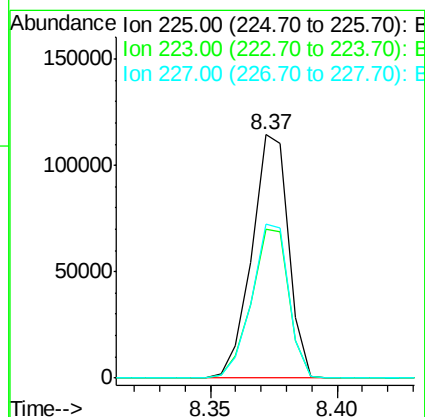
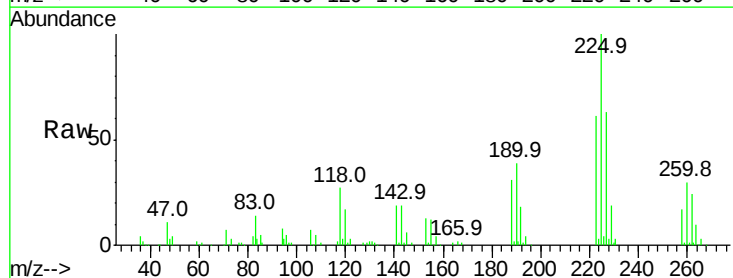
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	94291
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	32.0	25.0	37.4
92	19.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.975 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion:	225	Resp:	114711
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.6	76.0
227	63.1	51.9	77.9





#35

Caprolactam

Concen: 26.722 ng

RT: 8.70 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampled :

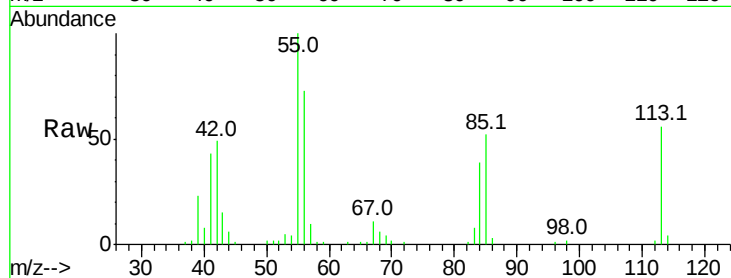
Tot Ion:113 Resp: 33163

Ion Ratio Lower Upper

113 100

55 178.6 163.3 203.3

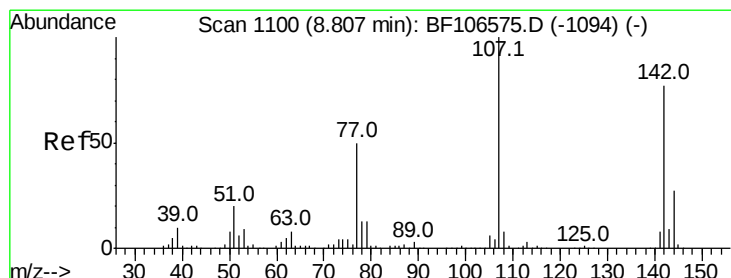
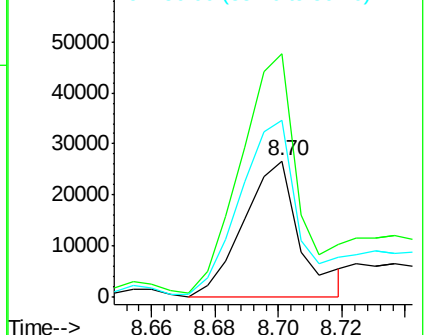
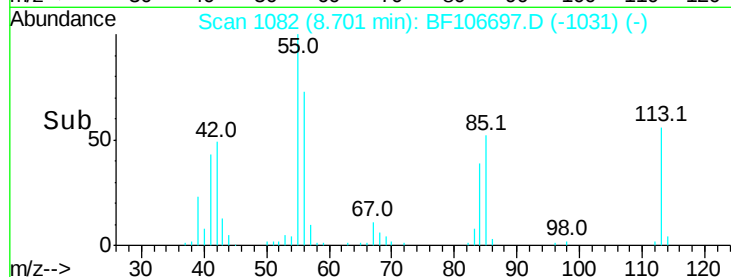
56 130.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.656 ng

RT: 8.81 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

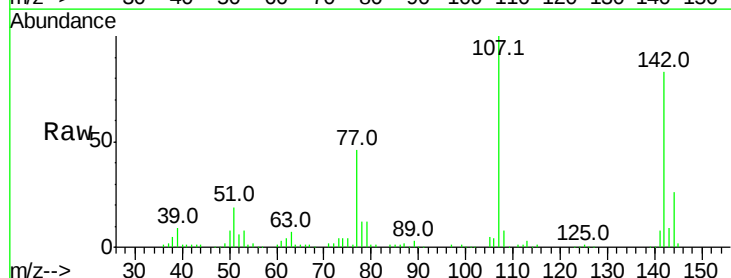
Tgt Ion:107 Resp: 170938

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

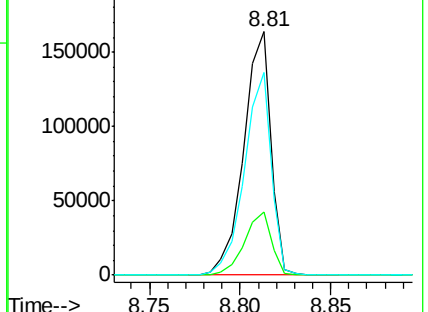
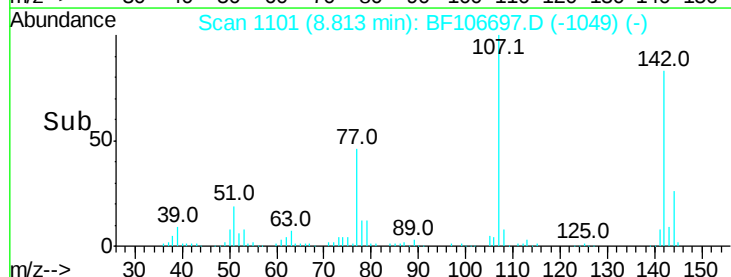
142 83.3 62.0 93.0

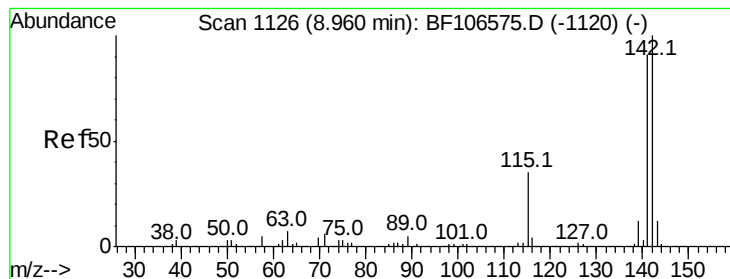


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

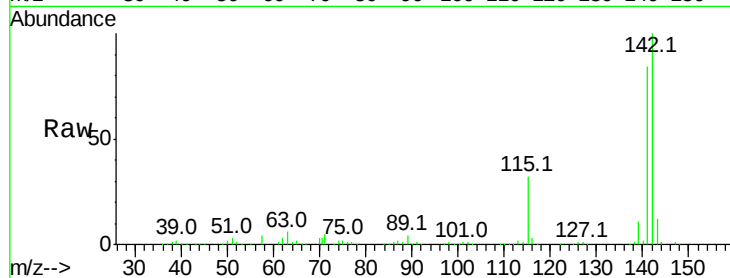




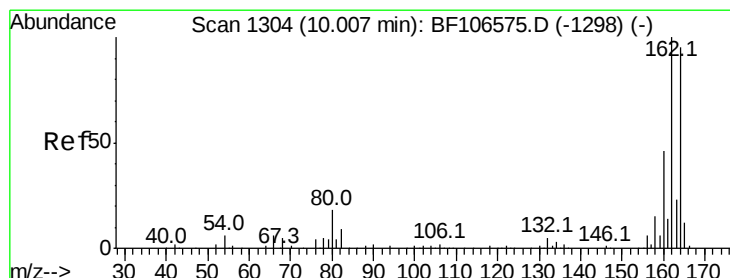
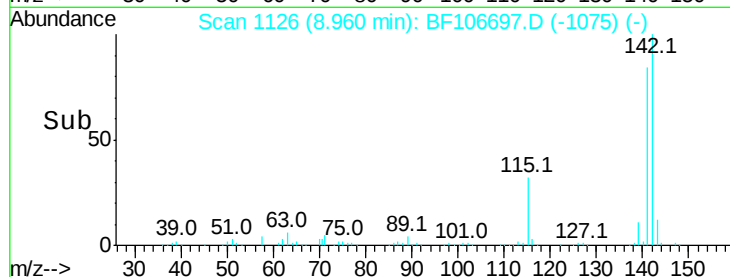
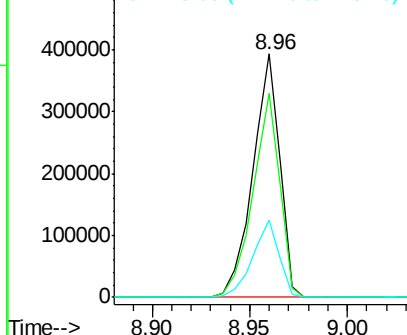
#37
 2-Methylnaphthalene
 Concen: 44.667 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.8	70.8	106.2
115	31.5	26.1	39.1

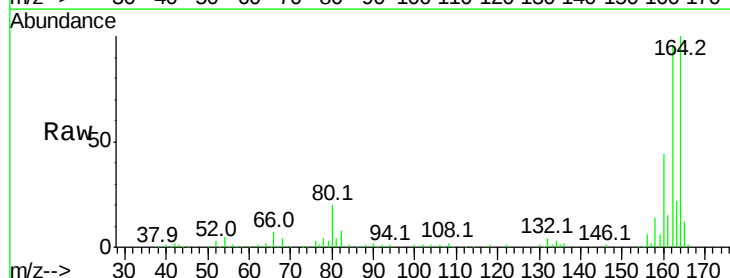


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

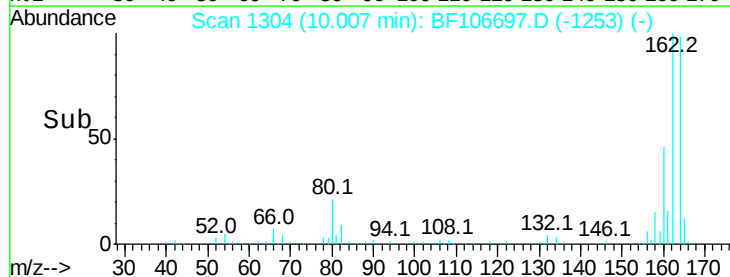
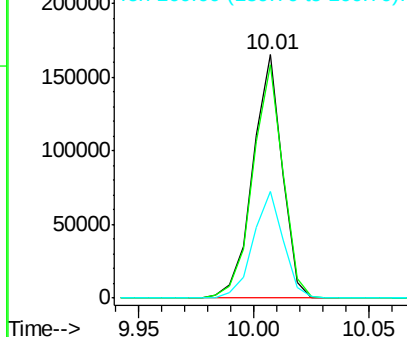


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	86.1	129.1
160	43.6	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

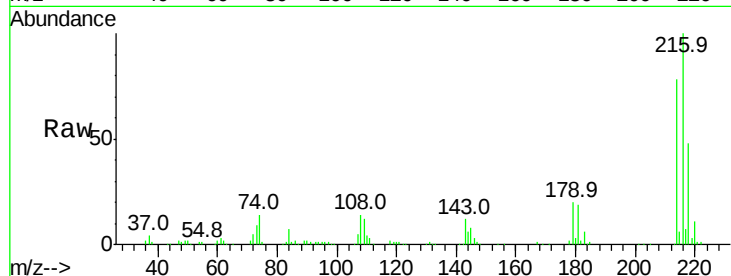




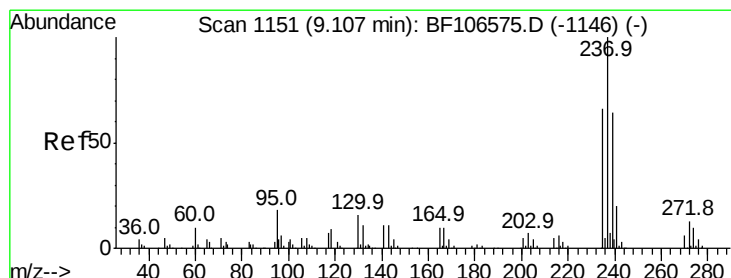
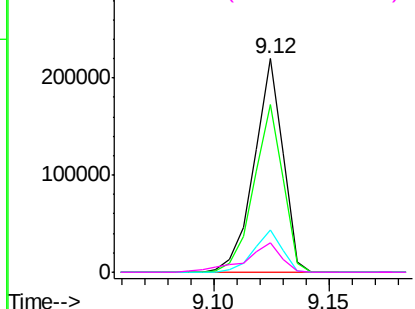
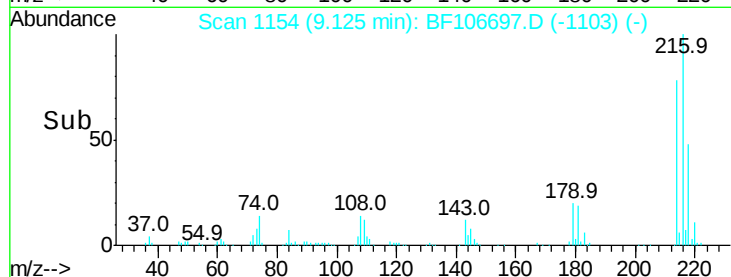
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.708 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	191203
Ion Ratio	Lower	Upper	
216	100		
214	79.6	63.0	94.4
179	19.9	18.1	27.1
108	17.1	17.2	25.8#

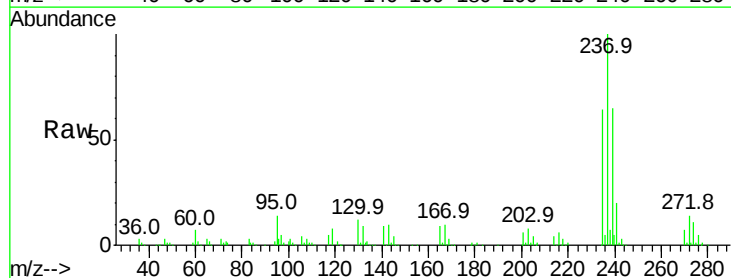


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

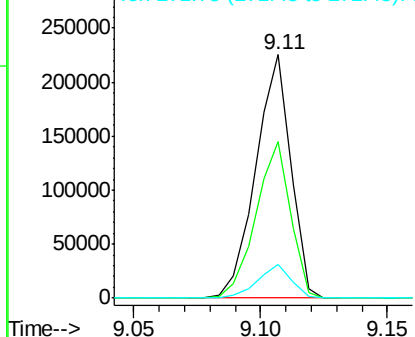
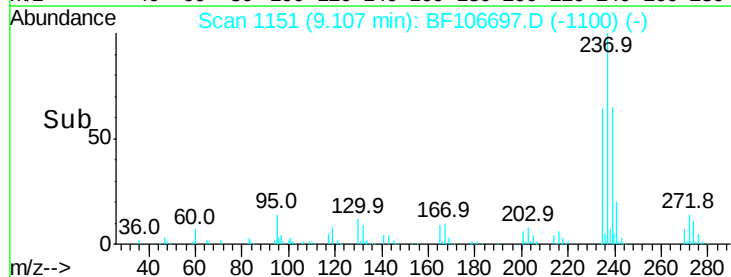


#40
 Hexachlorocyclopentadiene
 Concen: 84.860 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:	237	Resp:	215665
Ion Ratio	Lower	Upper	
237	100		
235	64.4	44.8	84.8
272	13.8	0.0	33.3



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

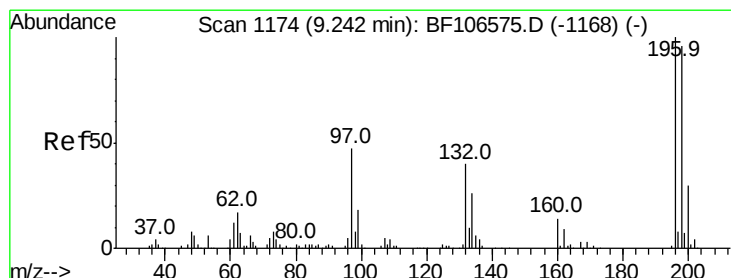
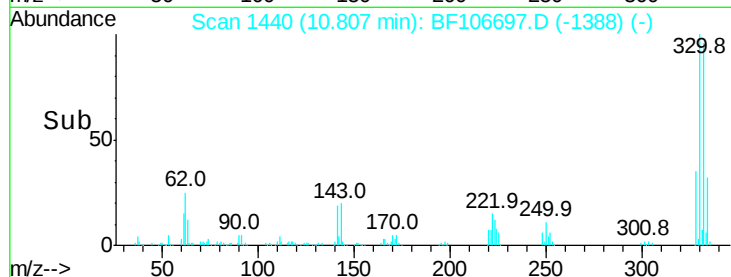
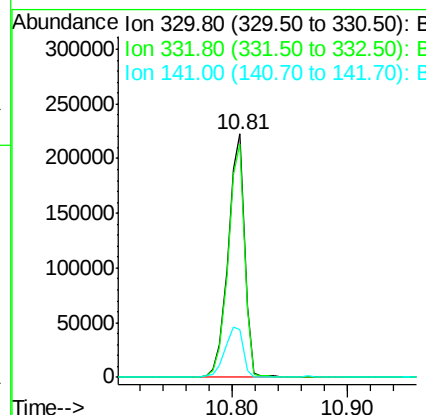
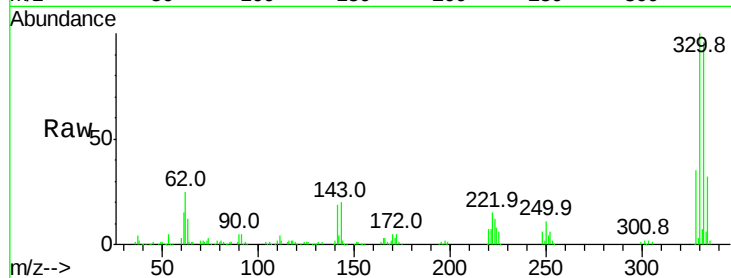




#41
 2,4,6-Tribromophenol
 Concen: 129.618 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

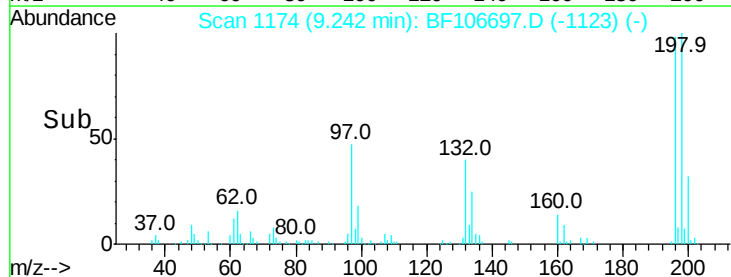
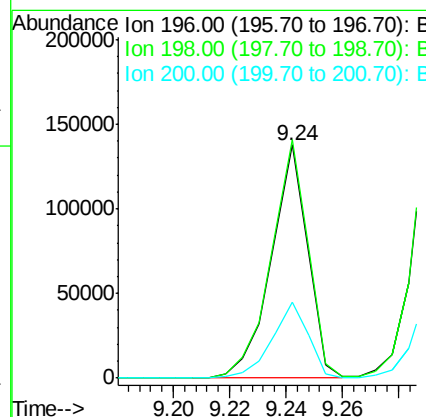
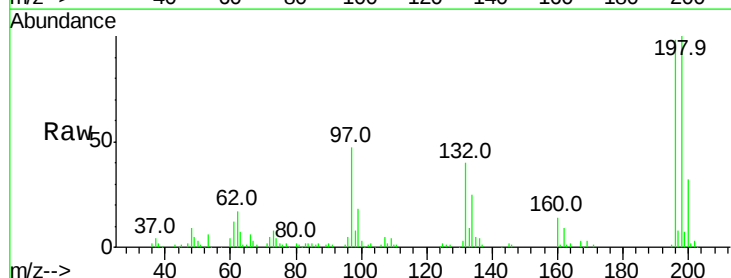
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	22.8	29.9	44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 37.699 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	75.7	113.5
200	32.8	24.5	36.7

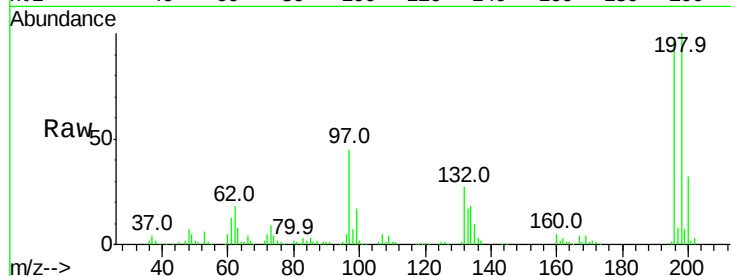




#43
 2,4,5-Trichlorophenol
 Concen: 37.504 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.0	74.6	112.0
97	46.8	42.9	64.3
132	27.7	26.3	39.5



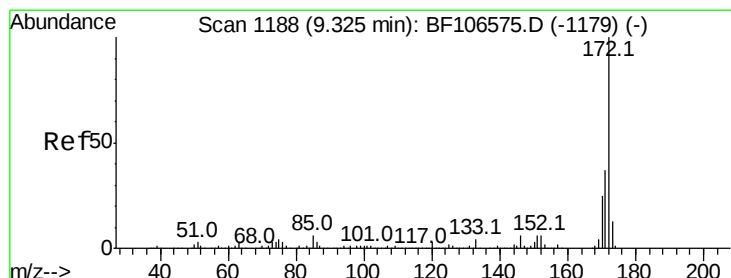
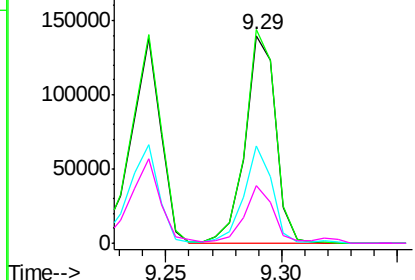
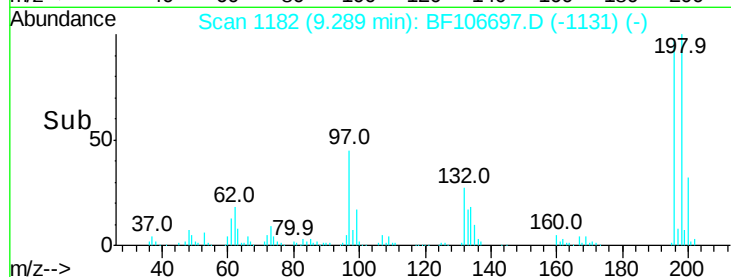
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

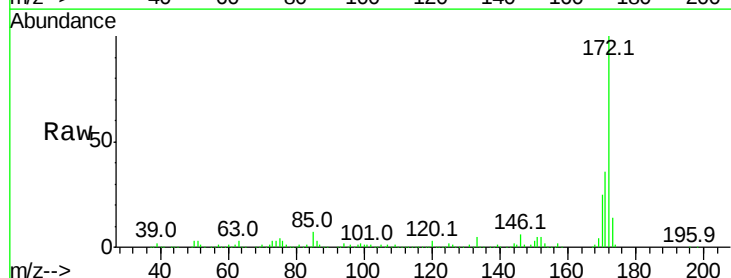
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.835 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4

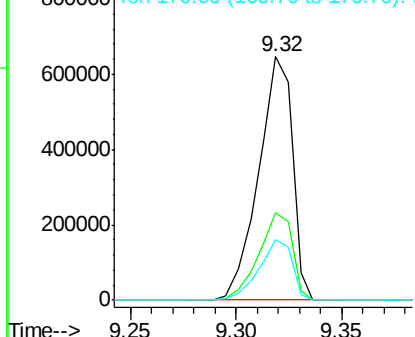
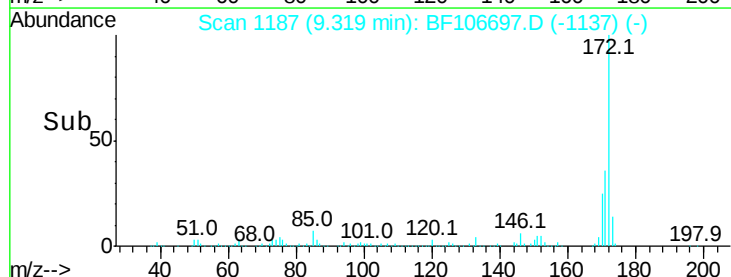


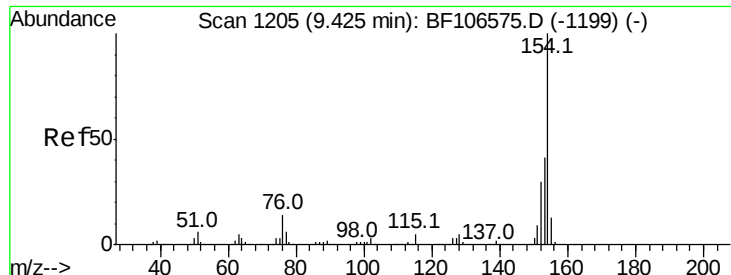
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.298 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

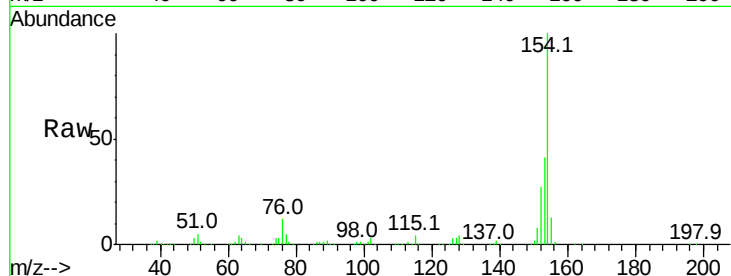
Tot Ion:154 Resp: 447686

Ion Ratio Lower Upper

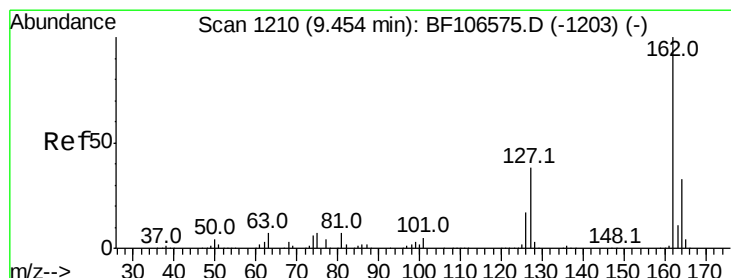
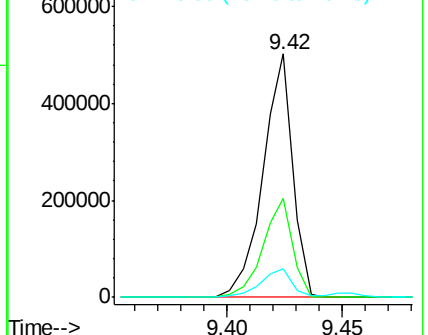
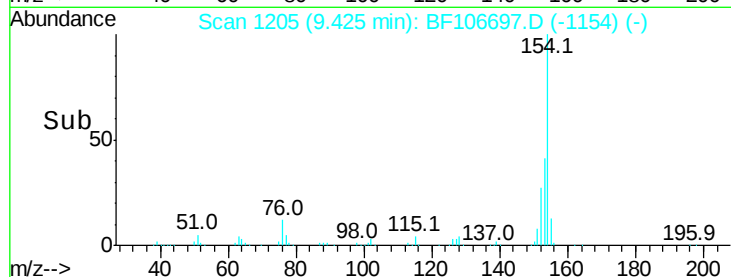
154 100

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: 36.452 ng

RT: 9.45 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

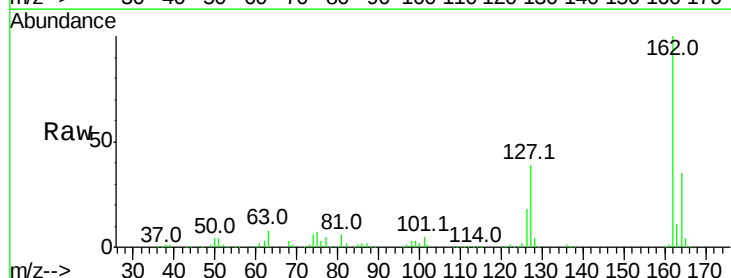
Tgt Ion:162 Resp: 335404

Ion Ratio Lower Upper

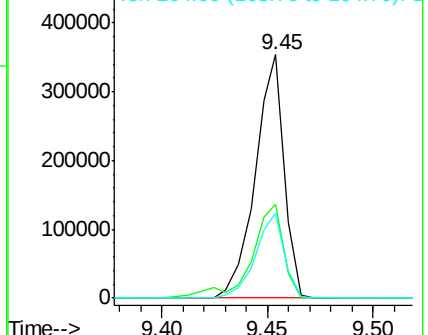
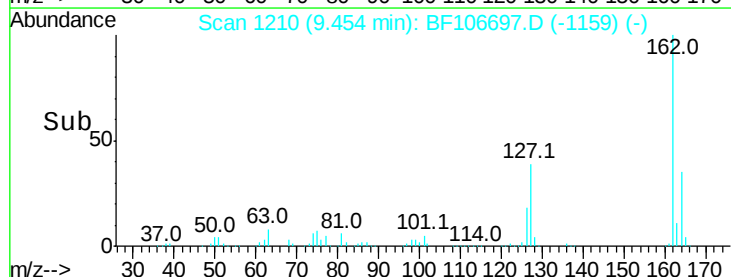
162 100

127 38.6 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

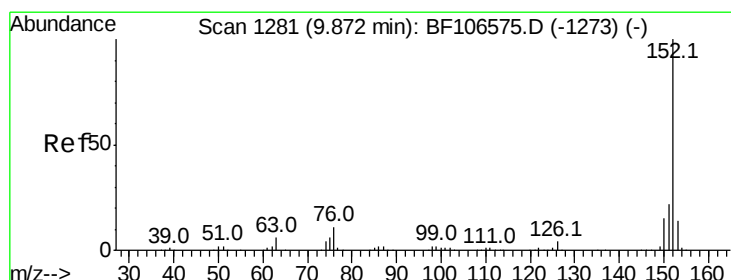
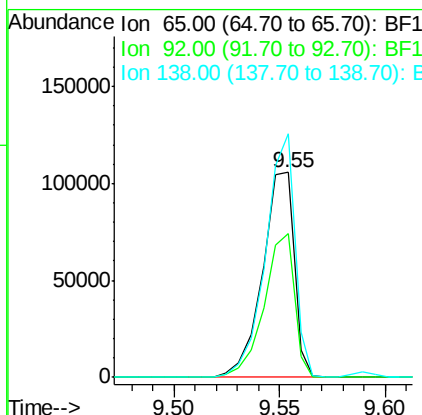
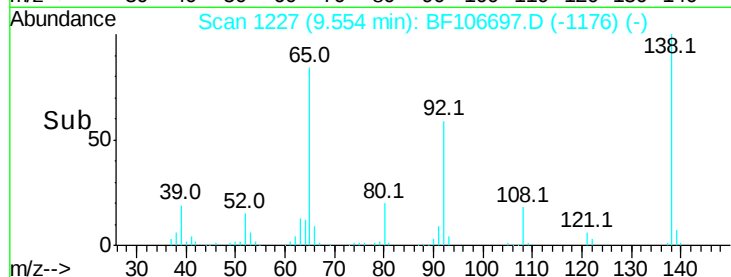
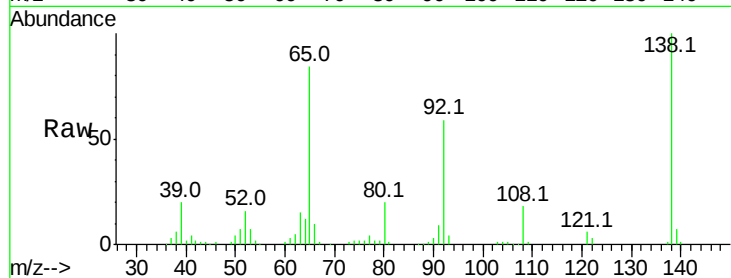




#47
2-Nitroaniline
Concen: 35.908 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

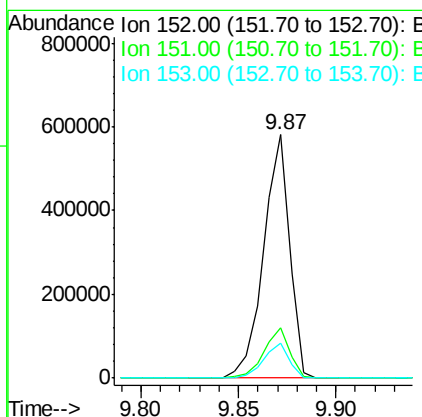
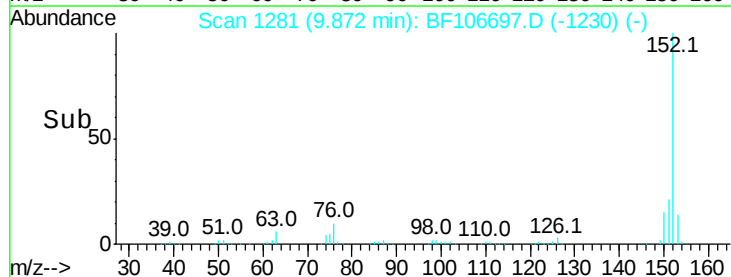
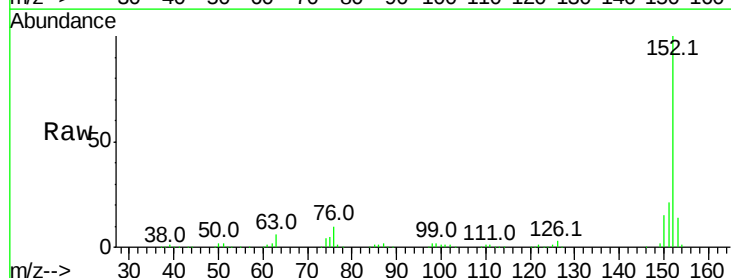
Instrument :
BNA_F
ClientSampleId :

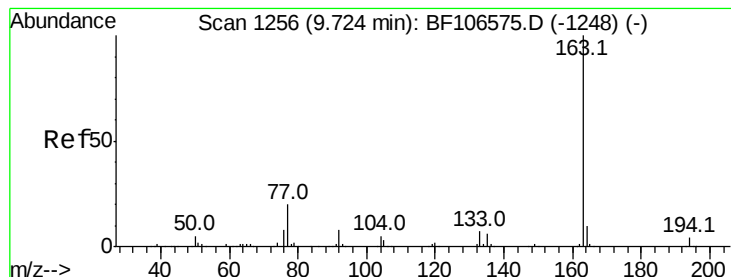
Tot Ion: 65 Resp: 111103
Ion Ratio Lower Upper
65 100
92 70.0 55.8 83.6
138 118.9 91.2 136.8



#48
Acenaphthylene
Concen: 36.962 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion: 152 Resp: 536950
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 36.882 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

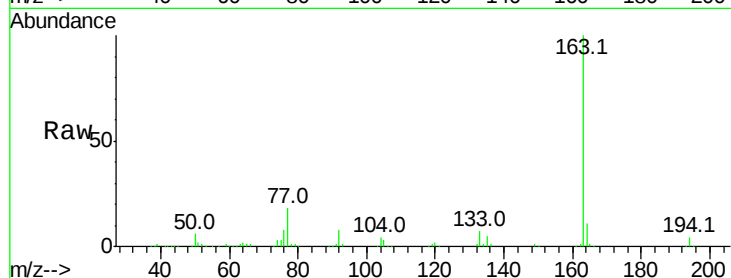
Tot Ion:163 Resp: 405732

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

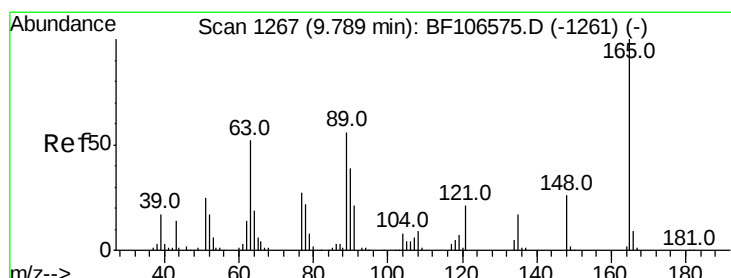
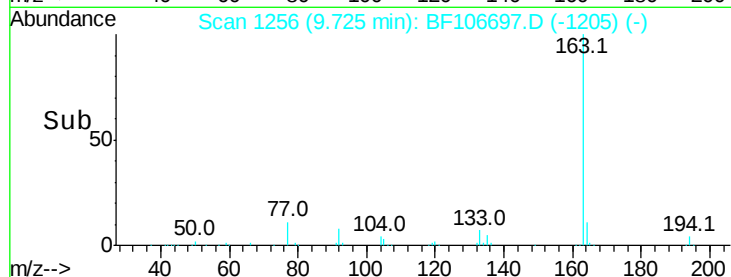
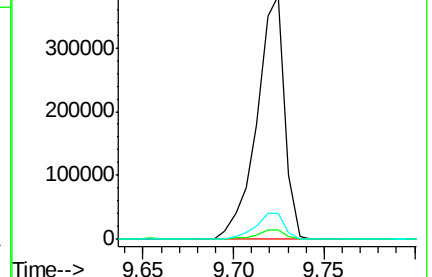
164 10.7 8.2 12.2



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: 42.080 ng

RT: 9.79 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

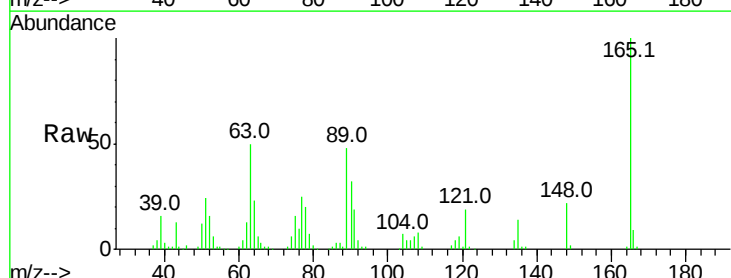
Tgt Ion:165 Resp: 98025

Ion Ratio Lower Upper

165 100

63 50.2 44.7 67.1

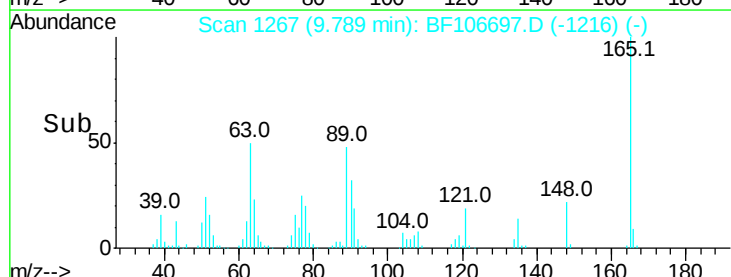
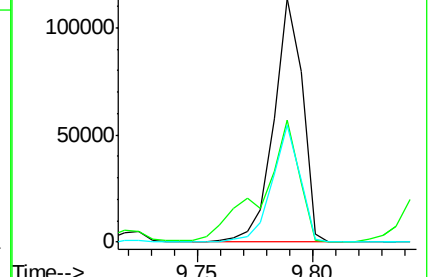
89 48.1 44.0 66.0

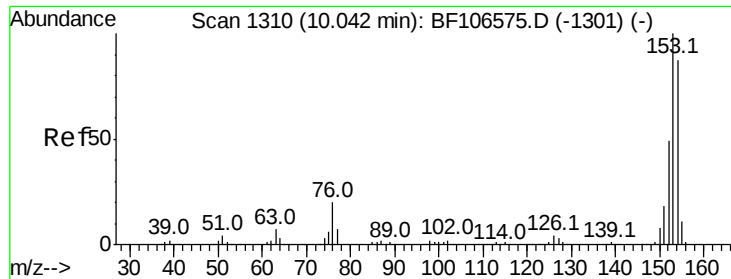


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.345 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

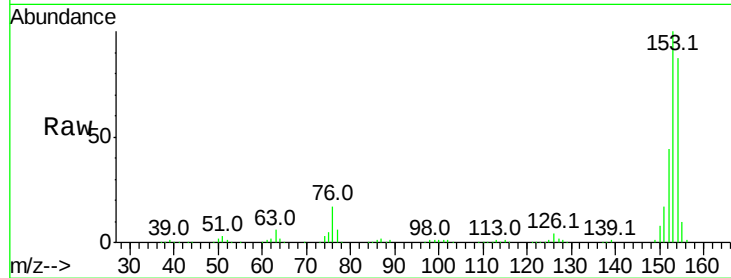
Tot Ion:154 Resp: 323324

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

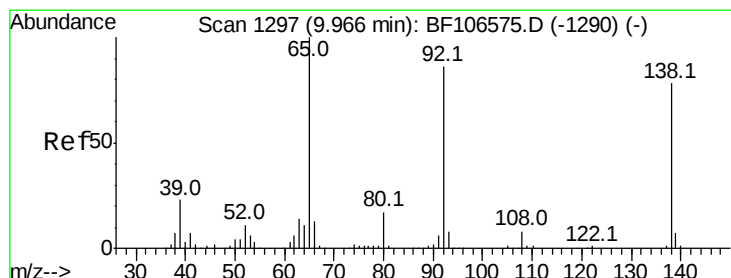
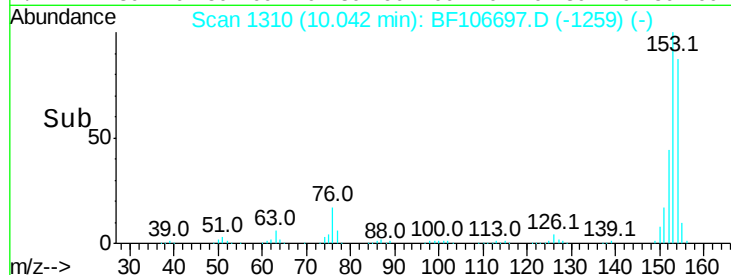
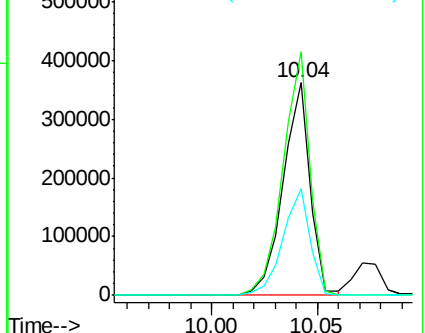
152 50.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.414 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

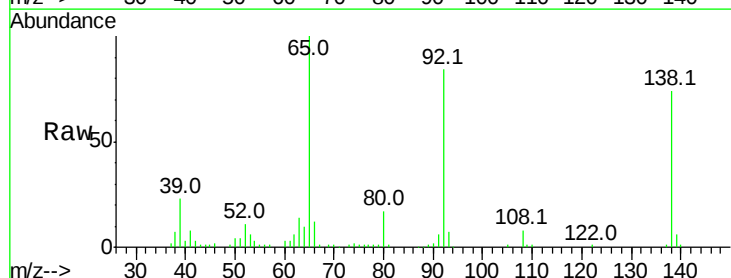
Tgt Ion:138 Resp: 65446

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

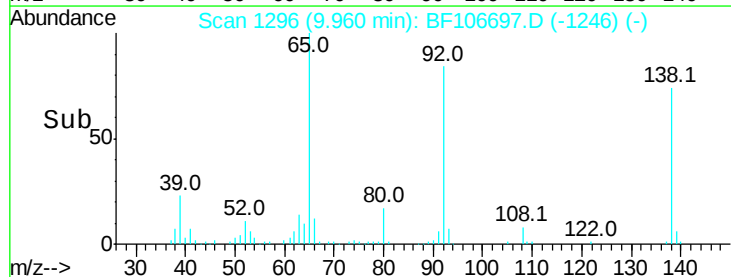
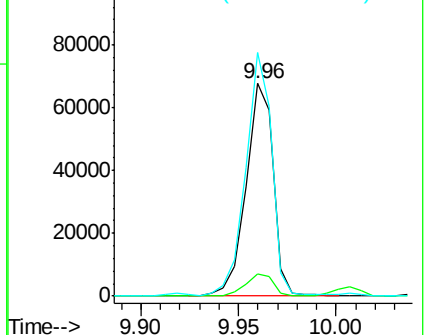
92 114.4 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

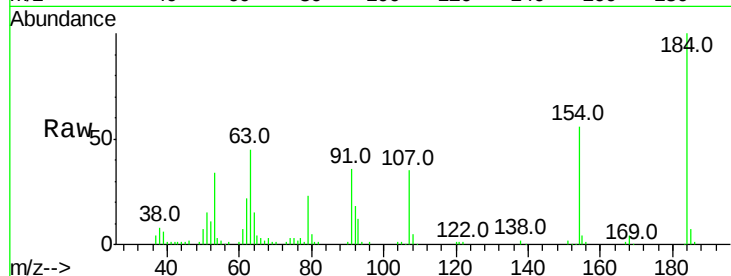




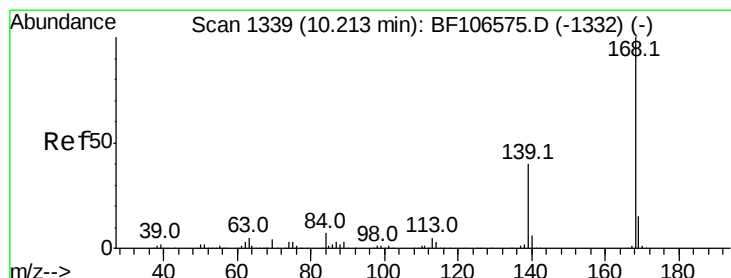
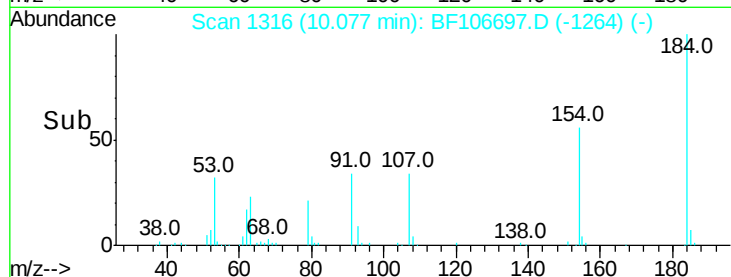
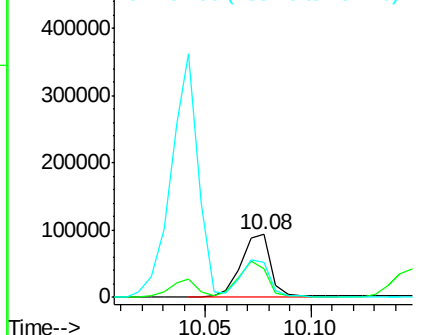
#53
 2,4-Dinitrophenol
 Concen: 77.704 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 93913
 Ion Ratio Lower Upper
 184 100
 63 44.8 54.2 81.2#
 154 56.1 184.0 276.0#

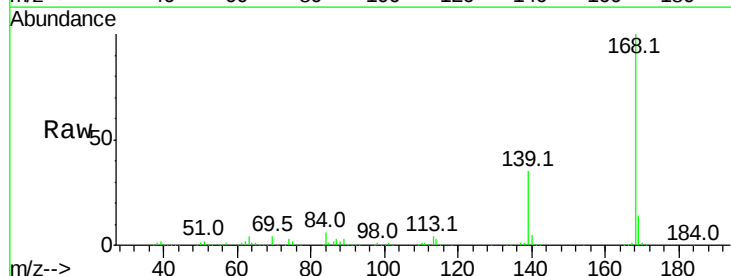


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

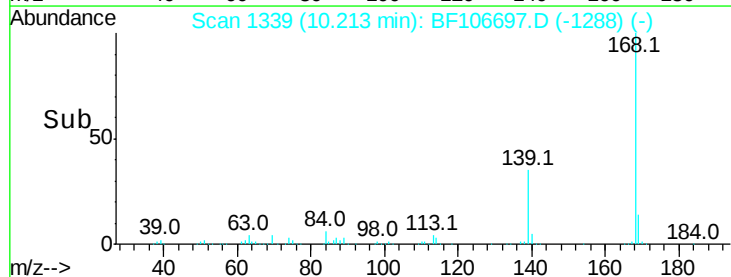
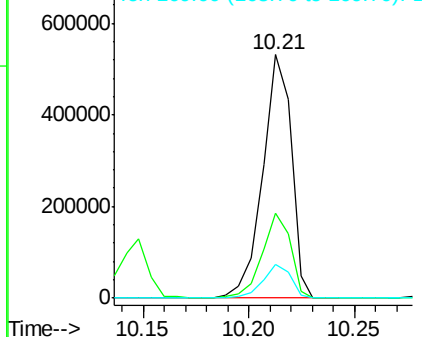


#54
 Dibenzofuran
 Concen: 40.284 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:168 Resp: 504600
 Ion Ratio Lower Upper
 168 100
 139 35.1 30.1 45.1
 169 13.7 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

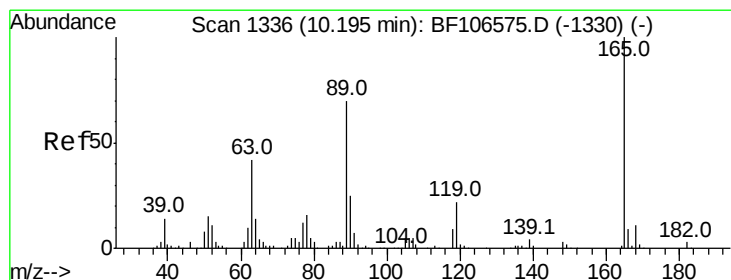
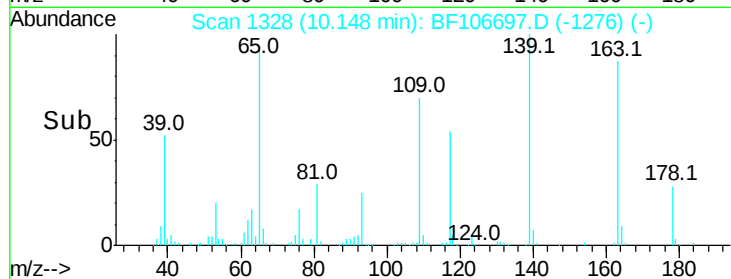
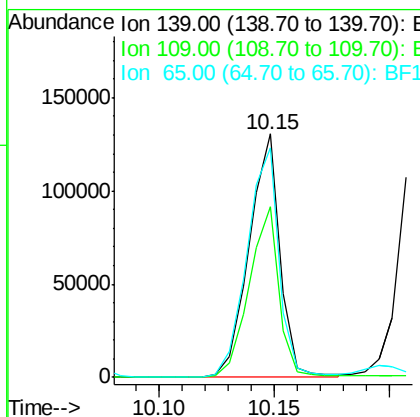
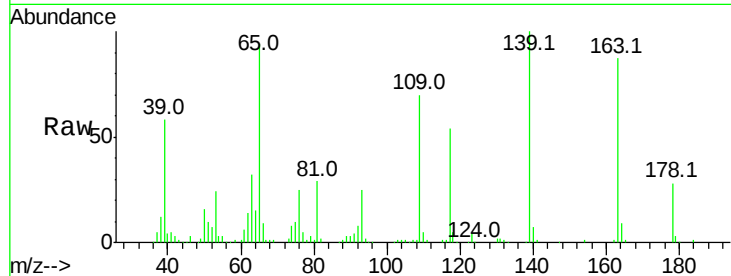




#55
4-Nitrophenol
Concen: 65.322 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

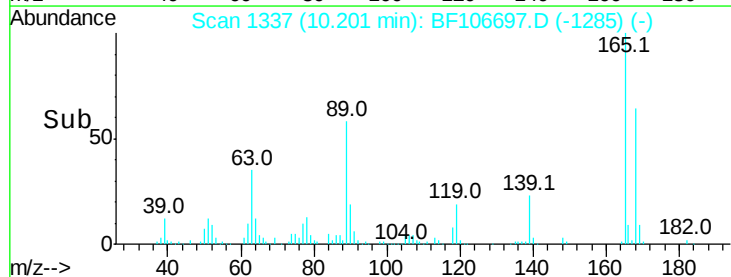
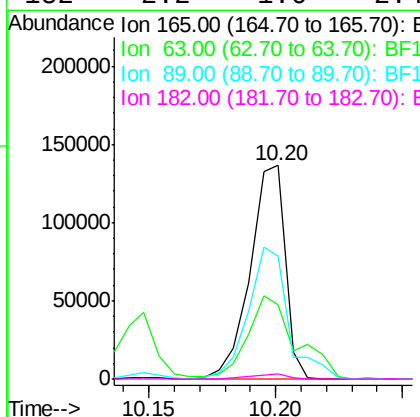
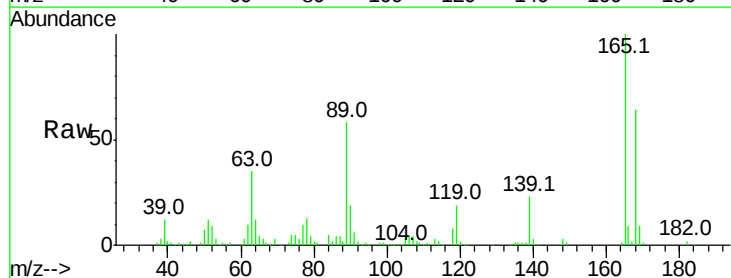
Instrument :
BNA_F
ClientSampleId :

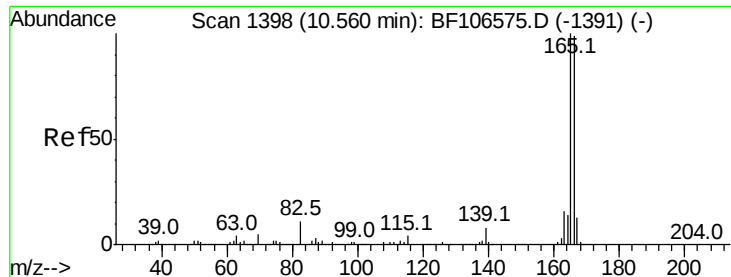
Tot Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.4	88.4
65	94.0	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 43.425 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.6	36.4	54.6#
89	57.7	57.8	86.6#
182	2.2	1.6	2.4

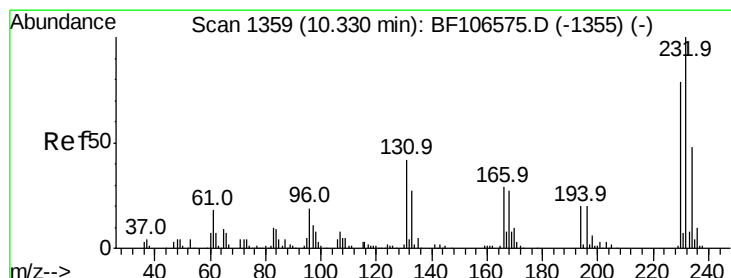
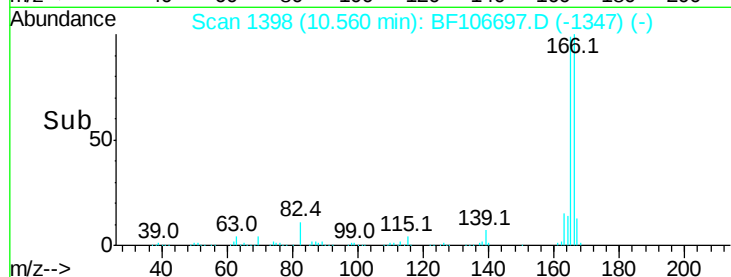
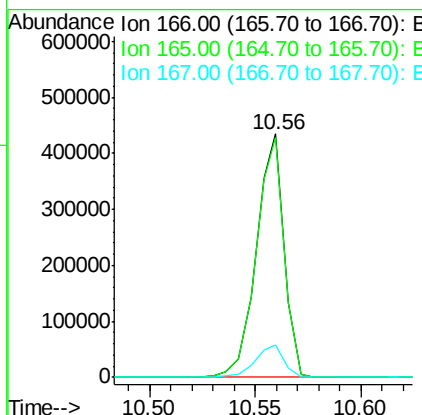
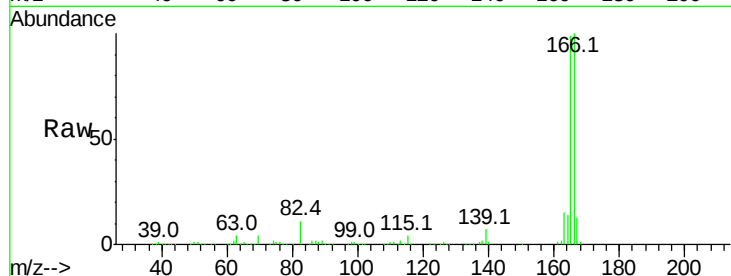




#57
 Fluorene
 Concen: 39.608 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

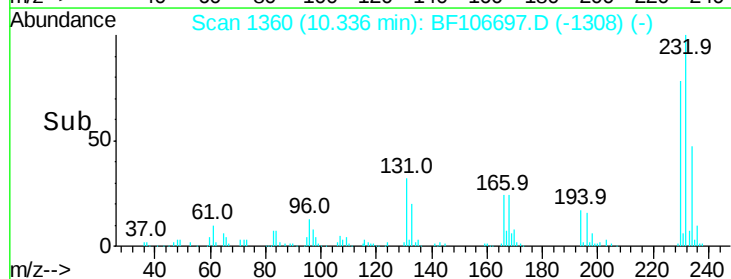
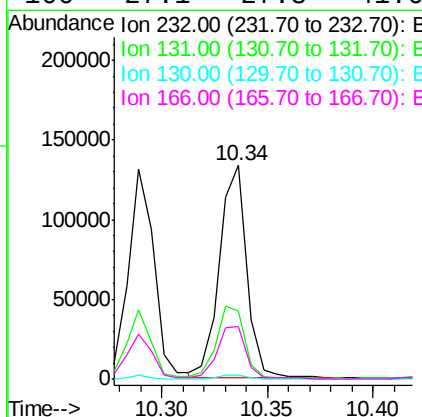
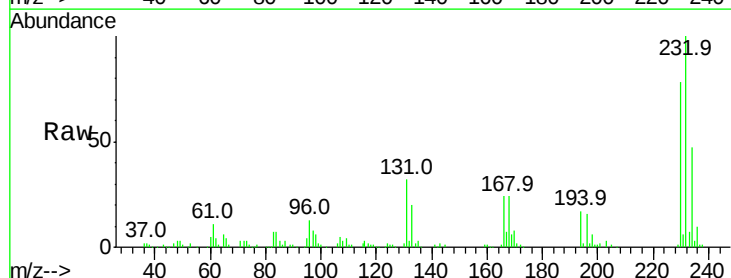
Instrument :
 BNA_F
 ClientSampleId :

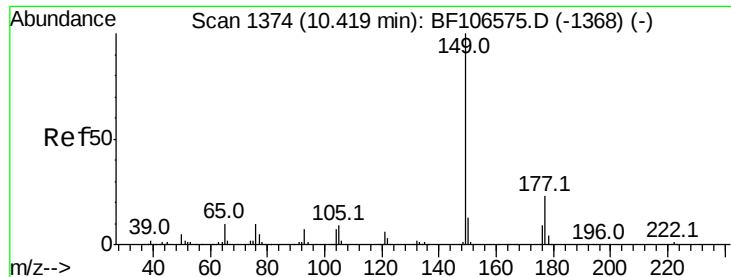
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.915 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.3	43.8	65.8#
130	1.7	2.1	3.1#
166	27.1	27.8	41.6#

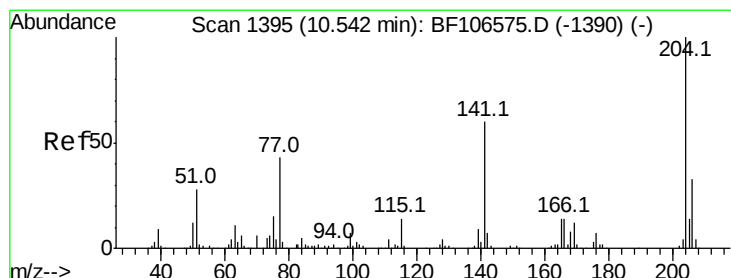
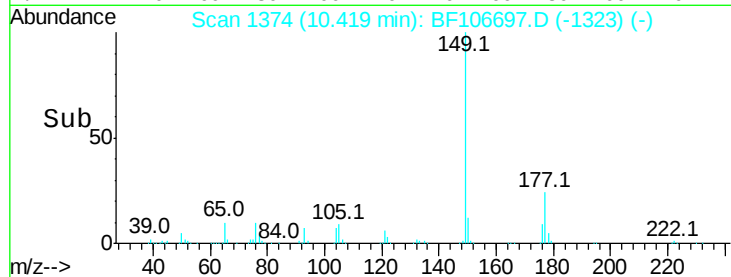
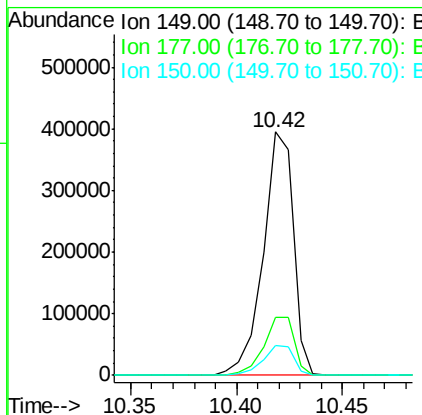
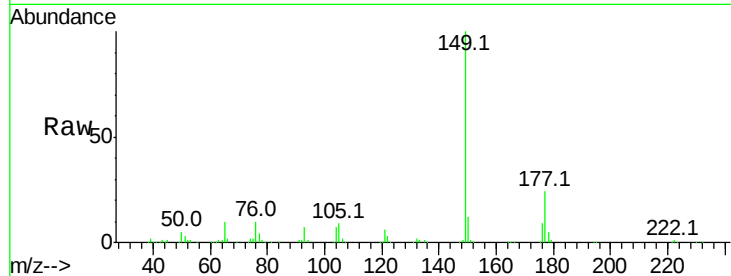




#59
Diethylphthalate
Concen: 37.080 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

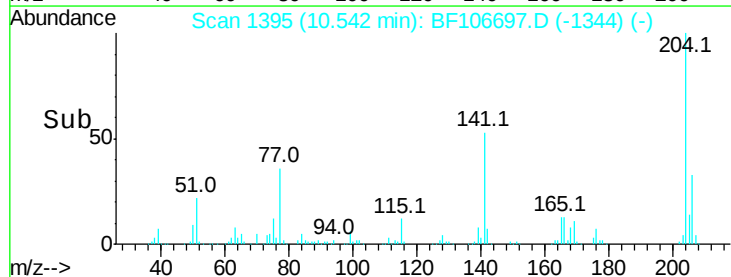
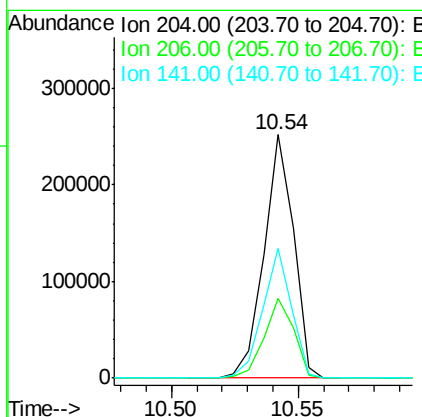
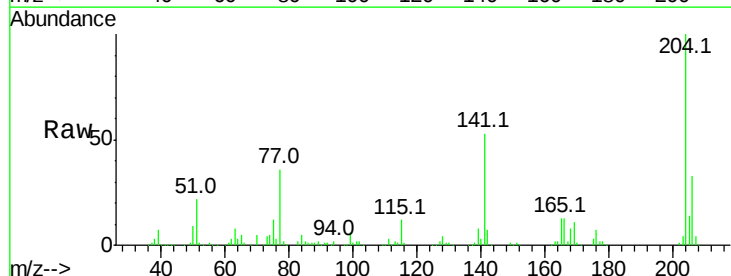
Instrument :
BNA_F
ClientSampled :

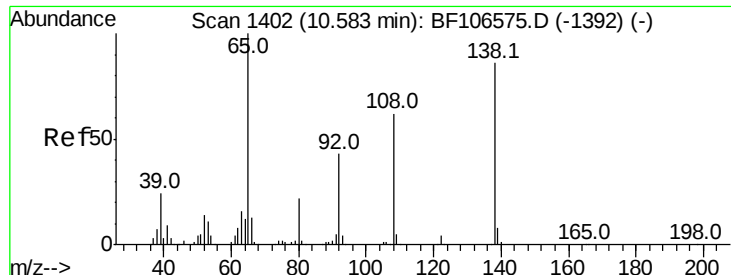
Tot Ion:149 Resp: 393706
Ion Ratio Lower Upper
149 100
177 24.0 16.1 24.1
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.434 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion:204 Resp: 205087
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 53.1 54.6 81.8#

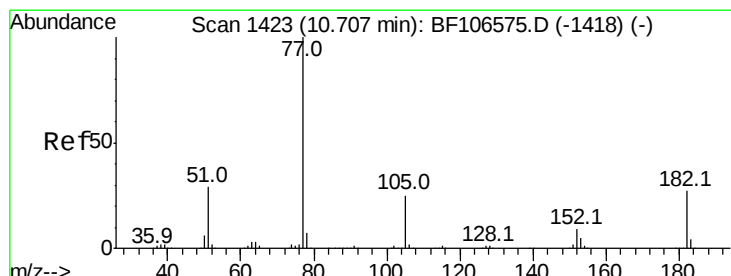
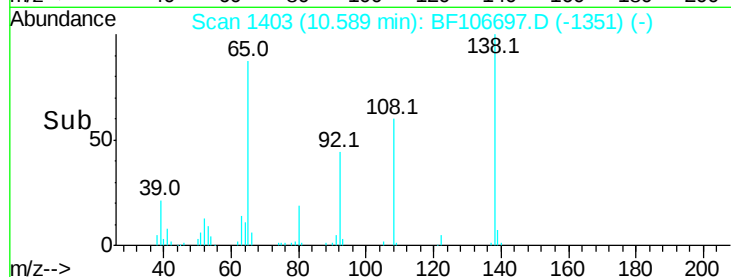
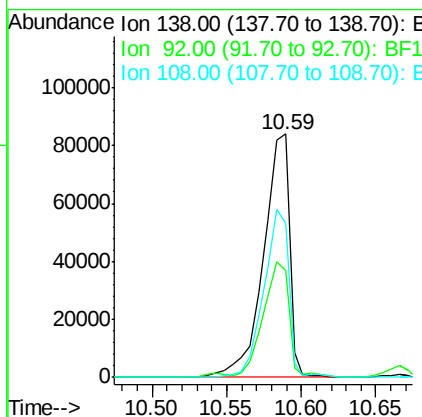
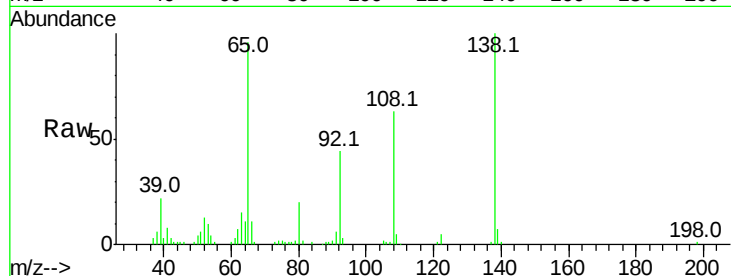




#61
4-Nitroaniline
Concen: 37.967 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

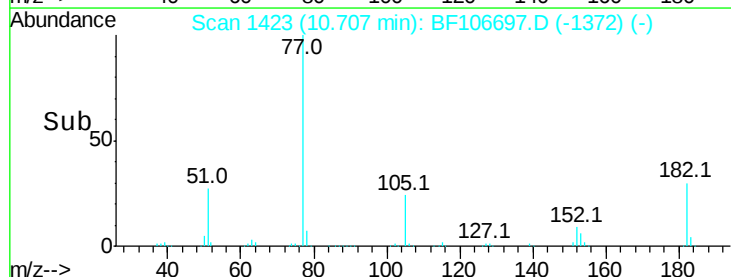
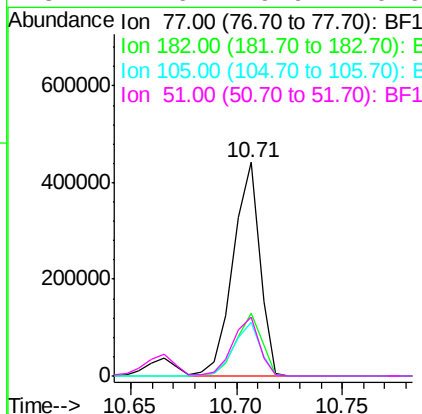
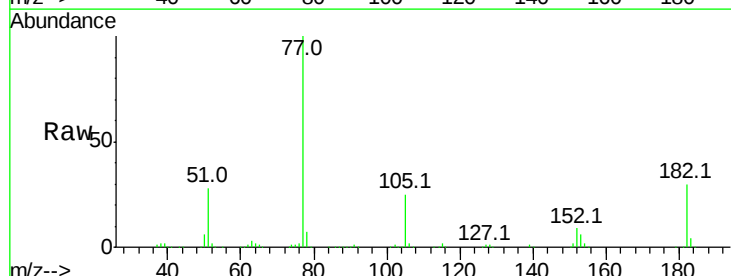
Instrument :
BNA_F
ClientSampleId :

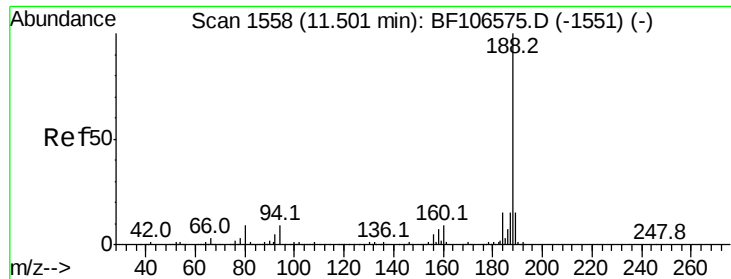
Tot Ion:138 Resp: 101006
Ion Ratio Lower Upper
138 100
92 43.8 30.2 70.2
108 63.1 52.5 92.5



#62
Azobenzene
Concen: 36.844 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion: 77 Resp: 385237
Ion Ratio Lower Upper
77 100
182 29.6 1.7 41.7
105 25.3 3.0 43.0
51 27.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

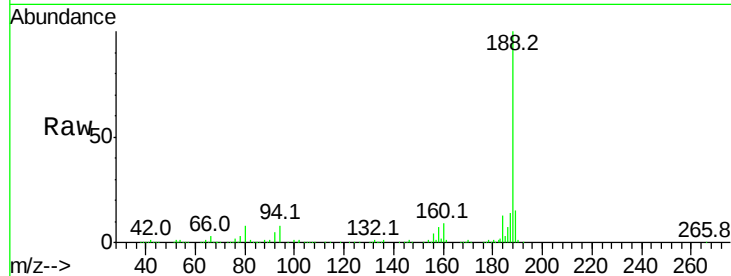
Tot Ion:188 Resp: 307952

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

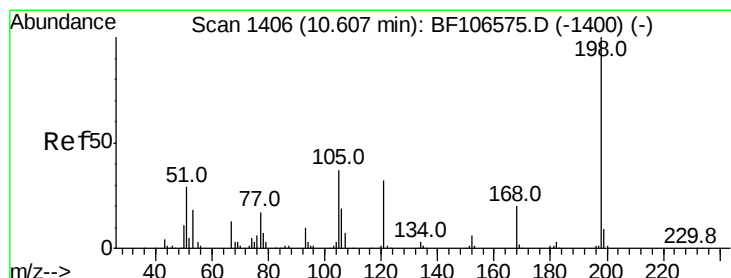
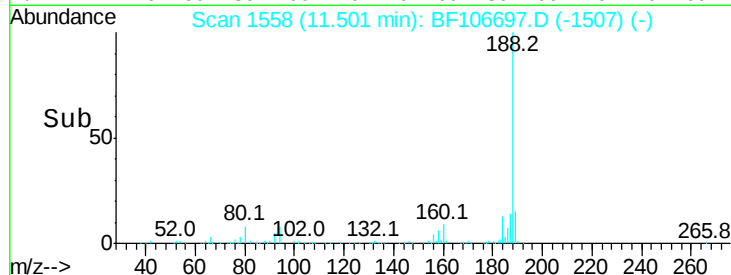
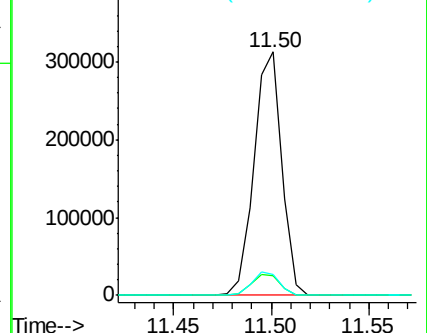
80 8.4 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 39.447 ng

RT: 10.61 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

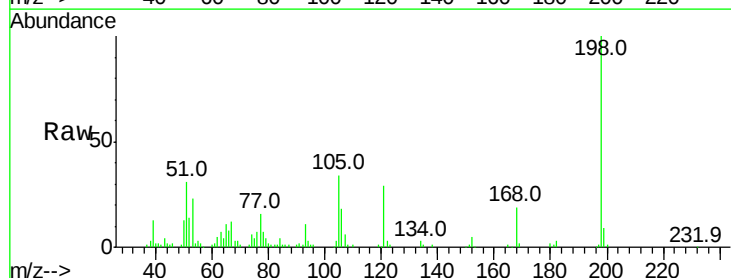
Tgt Ion:198 Resp: 75091

Ion Ratio Lower Upper

198 100

51 31.2 37.7 77.7#

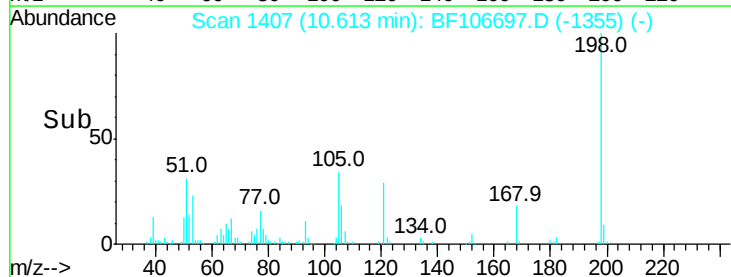
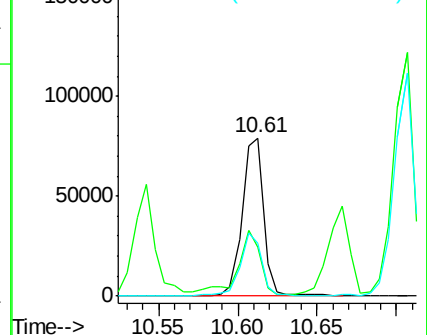
105 33.8 36.3 76.3#

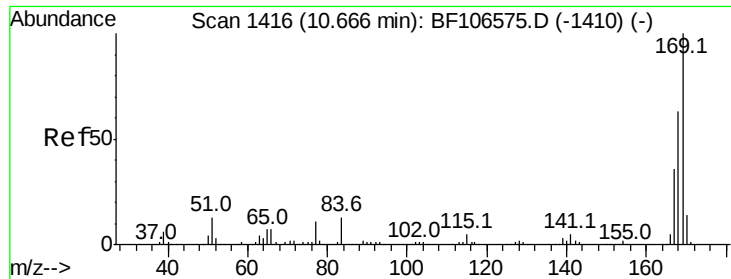


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

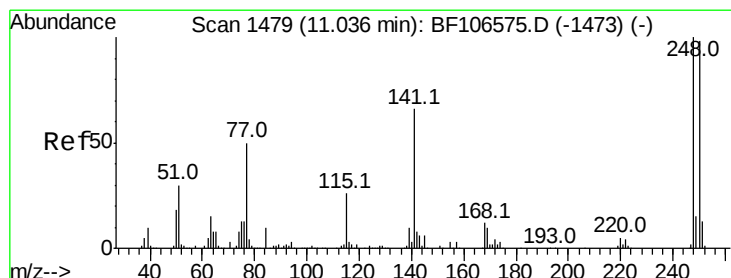
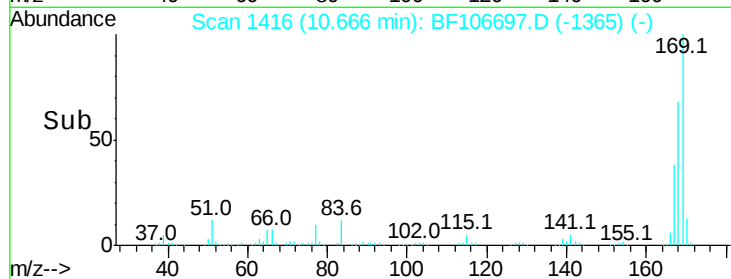
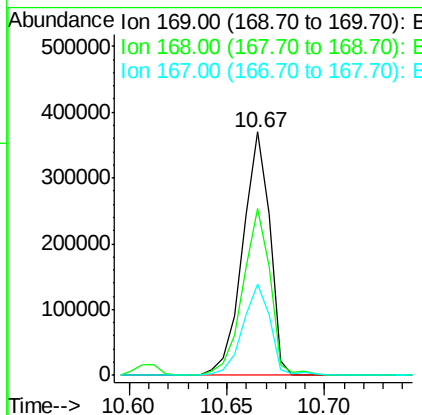
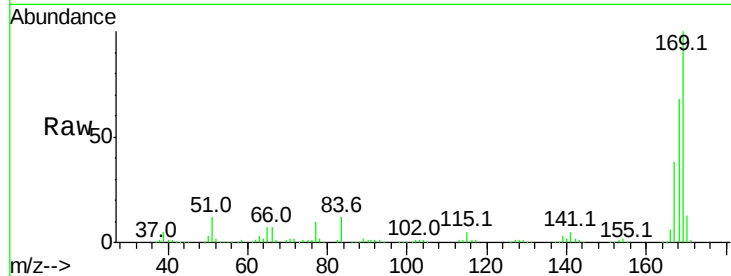




#65
 n-Nitrosodiphenylamine
 Concen: 34.398 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

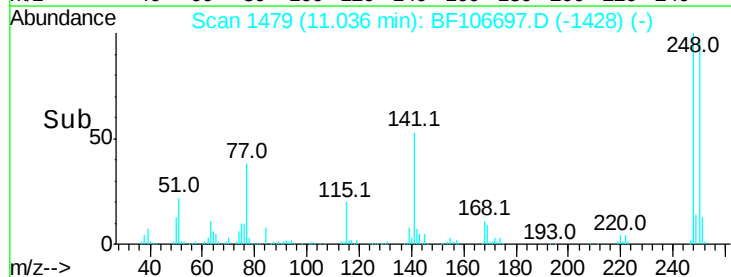
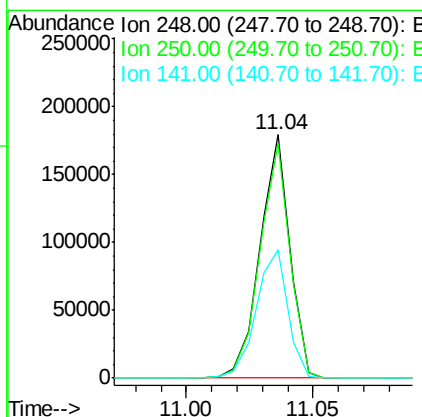
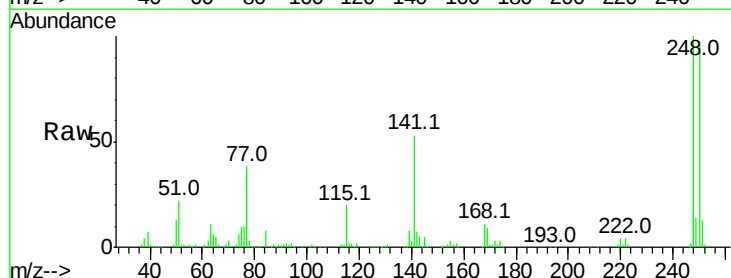
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	54.4	81.6
167	37.7	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.931 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.9	115.3
141	52.5	74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.606 ng

RT: 11.11 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

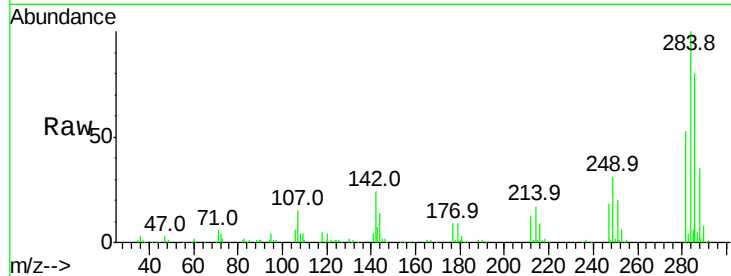
Tot Ion:284 Resp: 152352

Ion Ratio Lower Upper

284 100

142 24.1 34.6 52.0#

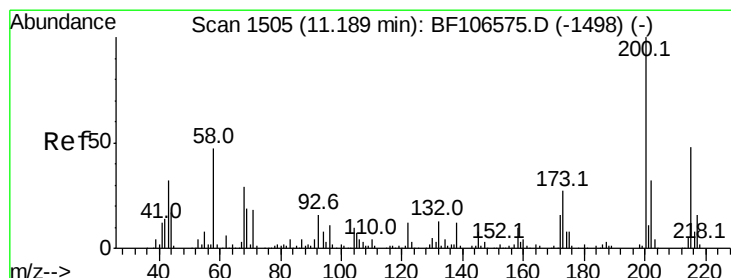
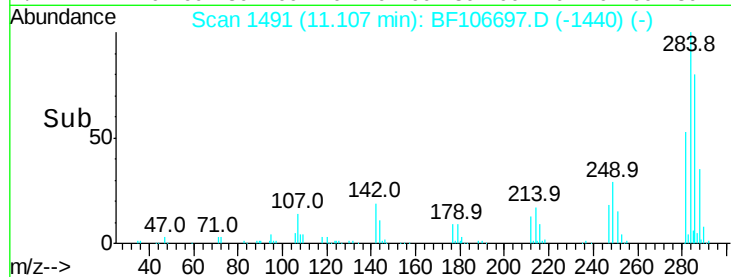
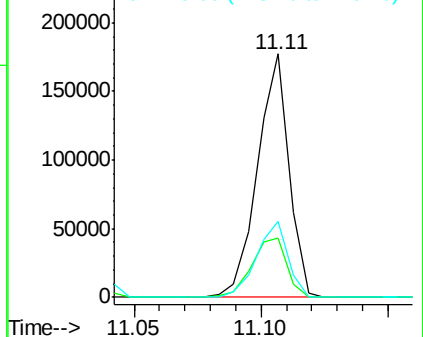
249 31.3 24.8 37.2



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: 40.203 ng

RT: 11.19 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

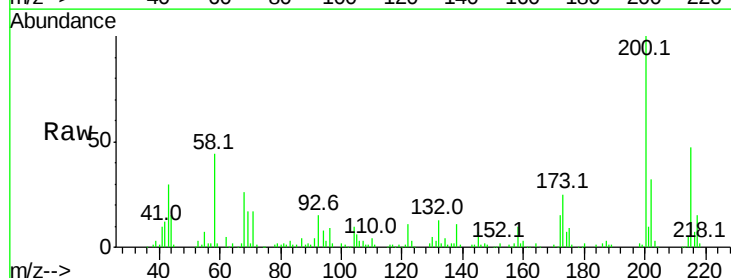
Tgt Ion:200 Resp: 132381

Ion Ratio Lower Upper

200 100

173 25.3 8.6 48.6

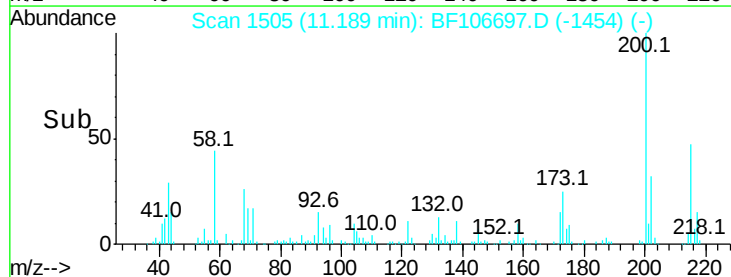
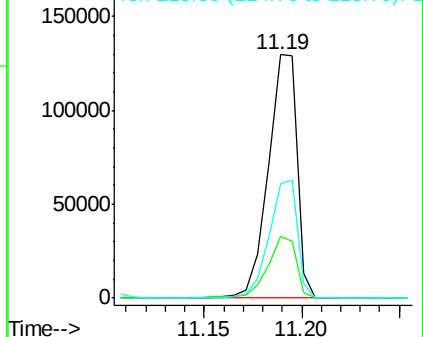
215 47.1 25.1 65.1

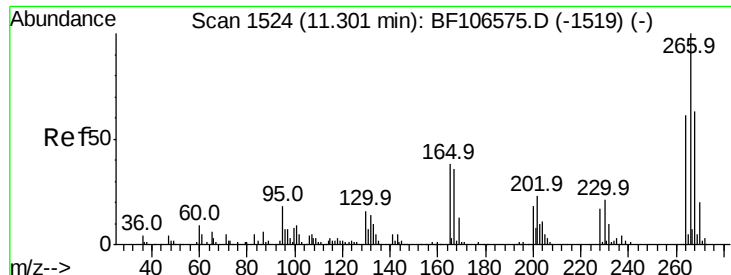


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

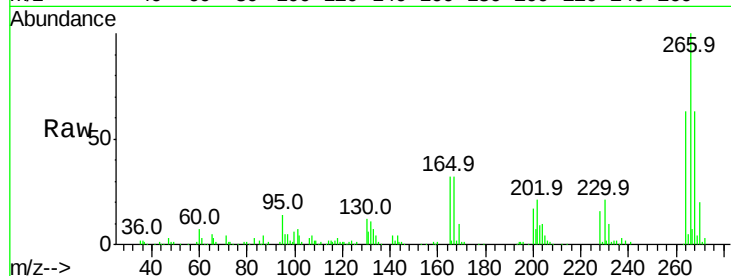




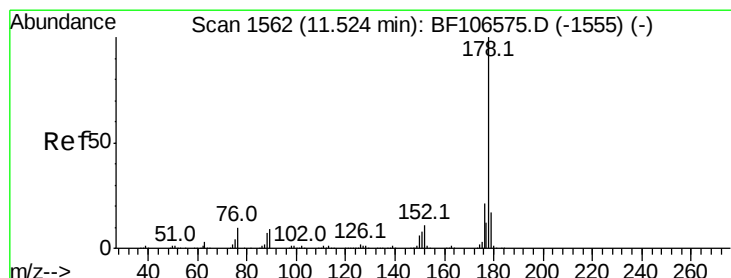
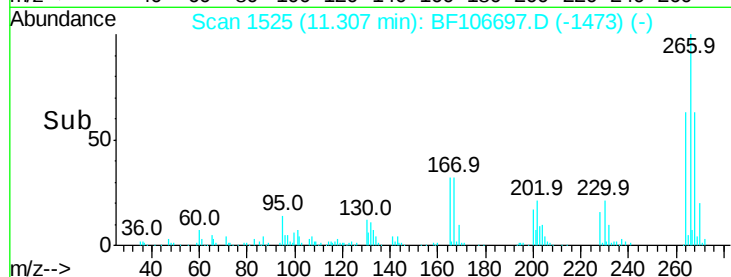
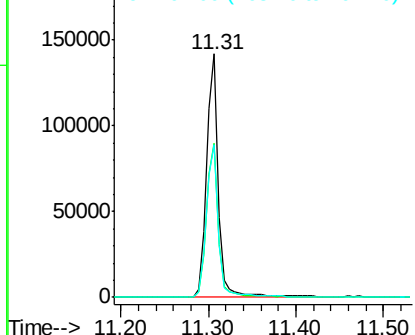
#69
 Pentachlorophenol
 Concen: 70.216 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 134767
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.1 76.7
 264 62.8 49.5 74.3

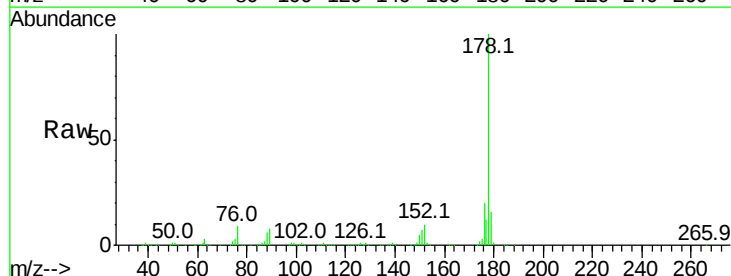


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

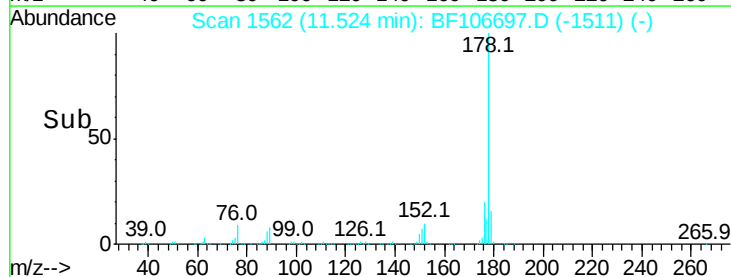
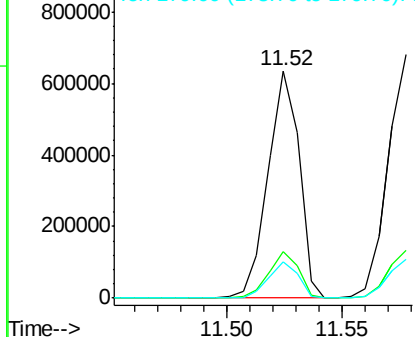


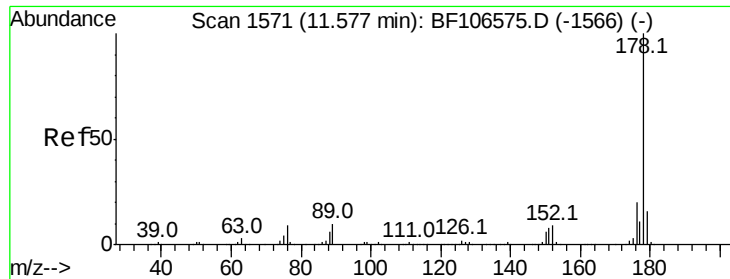
#70
 Phenanthrene
 Concen: 39.990 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:178 Resp: 593982
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 16.1 13.0 19.6



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





#71

Anthracene

Concen: 40.841 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

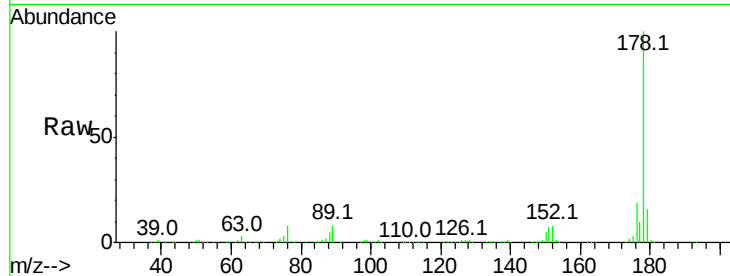
Tot Ion:178 Resp: 619182

Ion Ratio Lower Upper

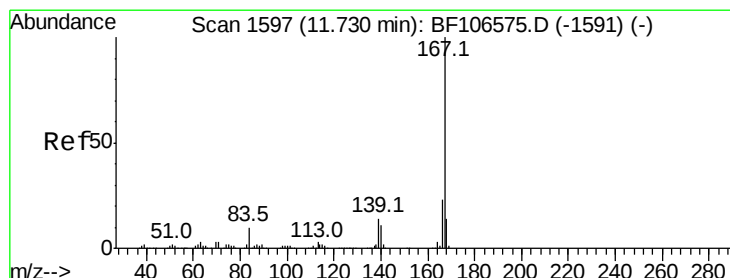
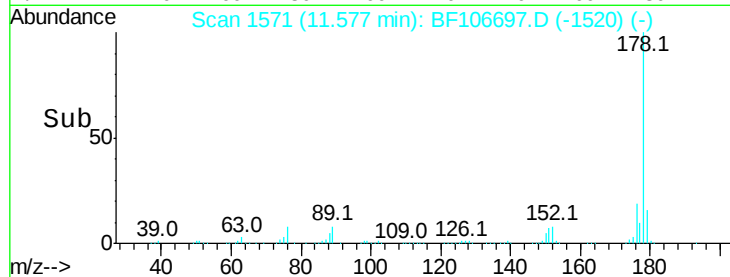
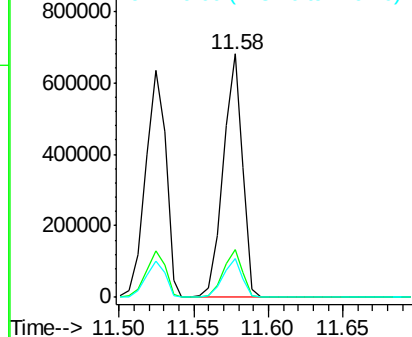
178 100

176 19.4 15.4 23.2

179 15.8 12.6 19.0



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



#72

Carbazole

Concen: 38.487 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

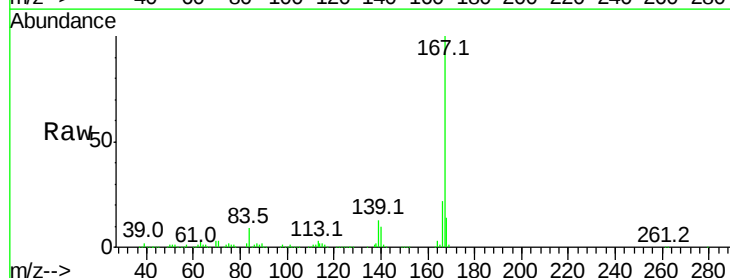
Tgt Ion:167 Resp: 546286

Ion Ratio Lower Upper

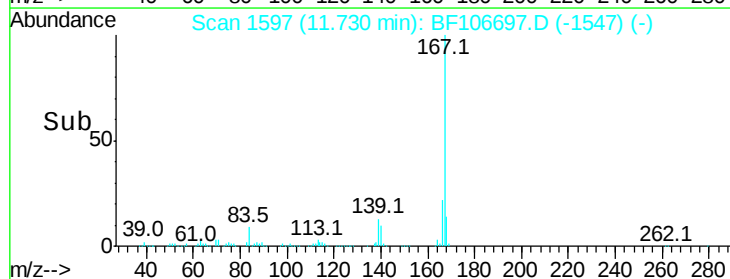
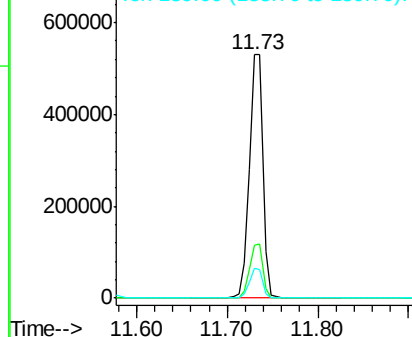
167 100

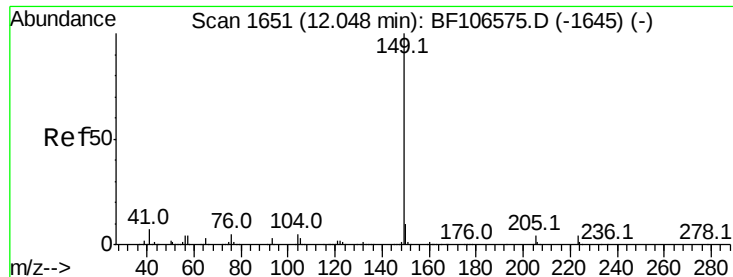
166 21.9 17.6 26.4

139 12.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.637 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

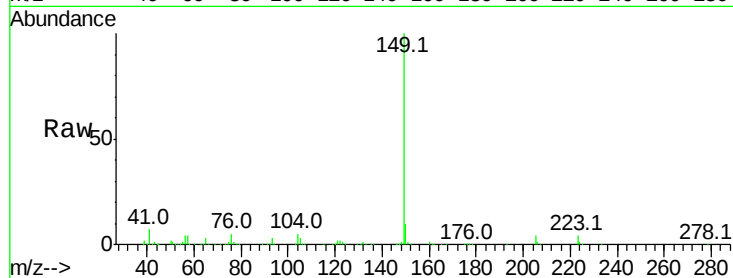
Tot Ion:149 Resp: 629365

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

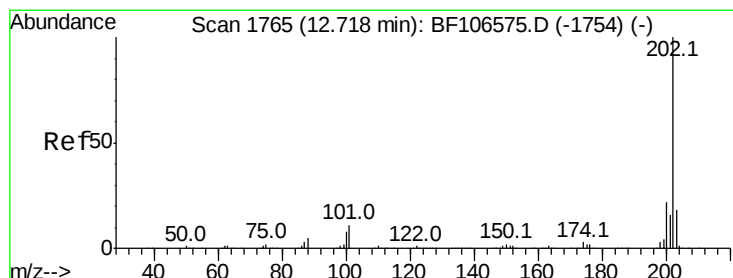
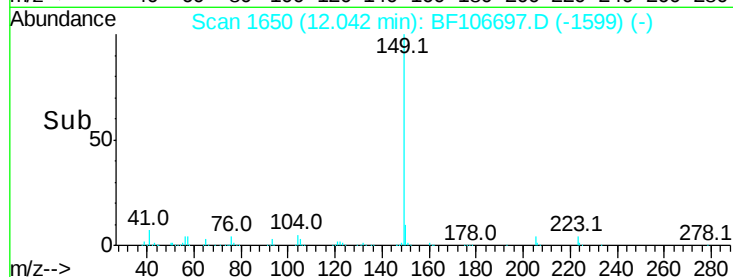
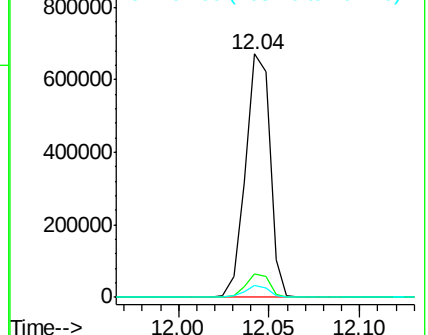
104 4.7 3.8 5.8



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: 40.518 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

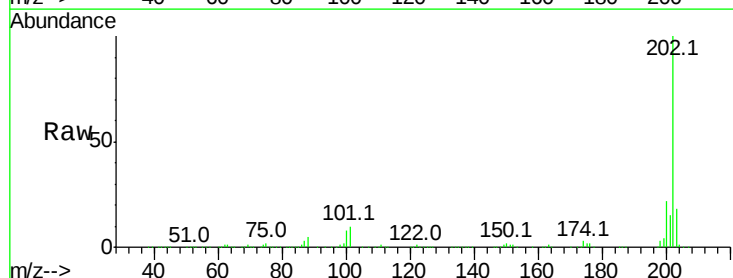
Tgt Ion:202 Resp: 663324

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.1

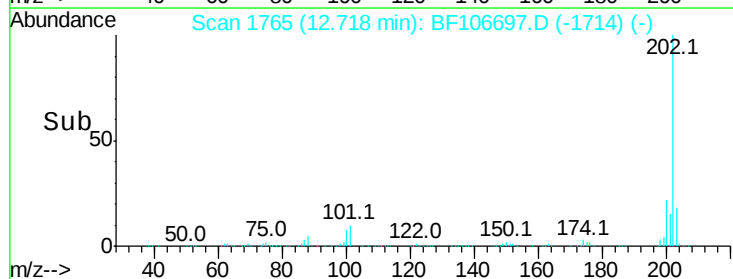
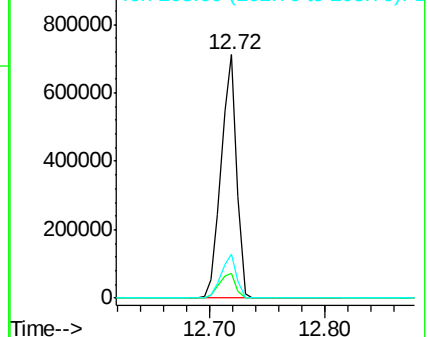
203 18.0 0.0 38.1

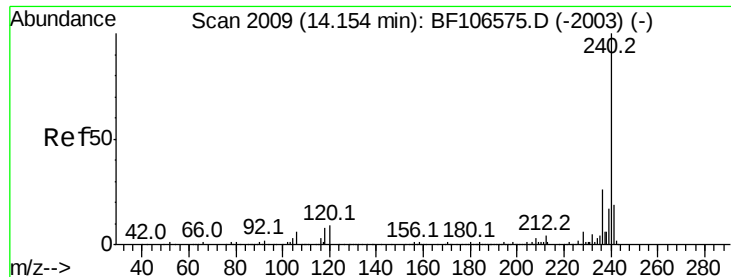


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2009

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

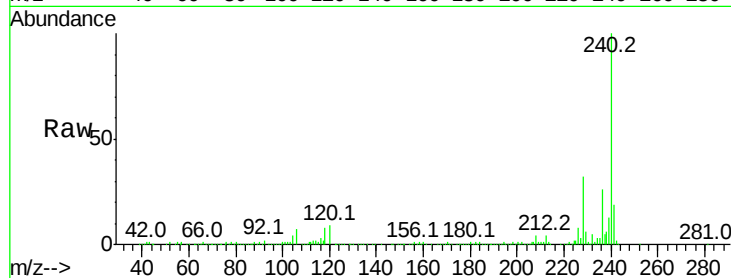
Tot Ion:240 Resp: 244532

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

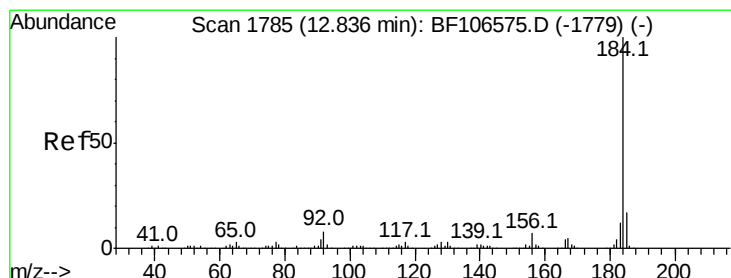
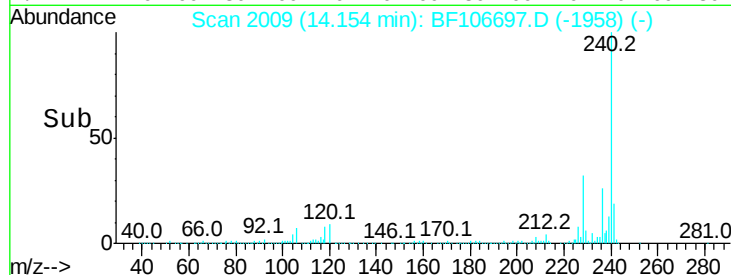
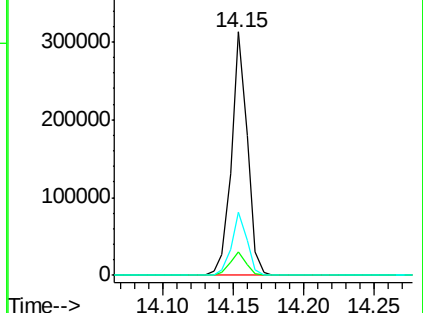
236 25.9 20.7 31.1



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: 34.280 ng

RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

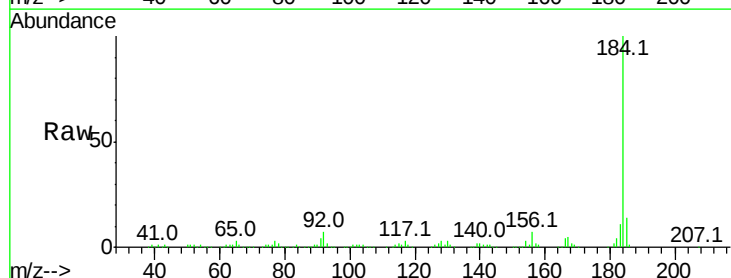
Tgt Ion:184 Resp: 238731

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

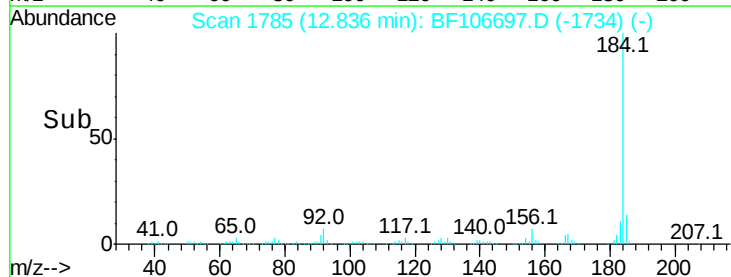
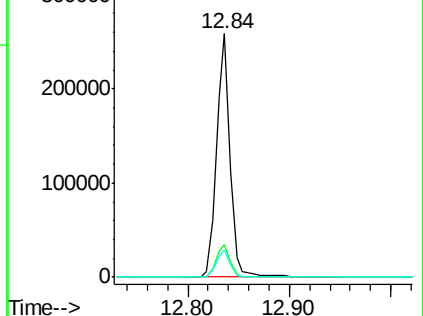
183 11.2 9.3 13.9

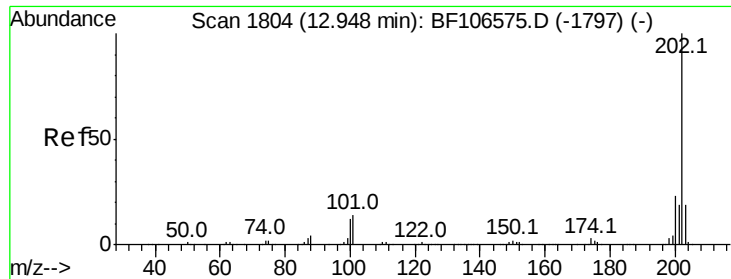


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

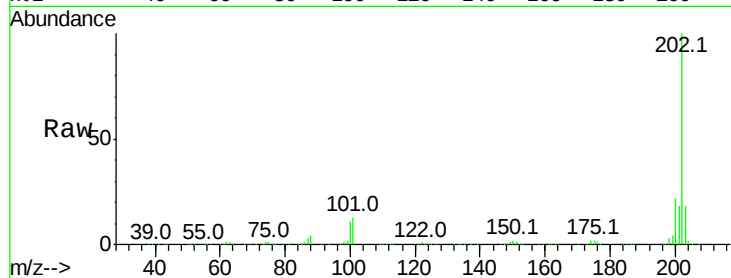




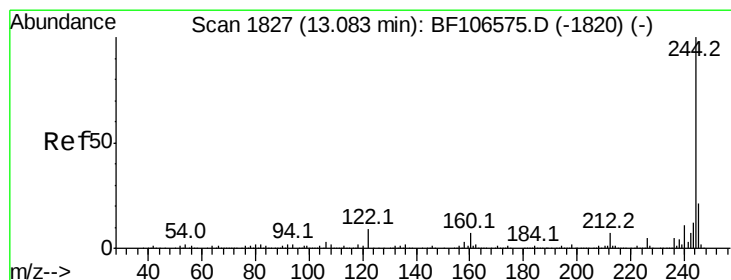
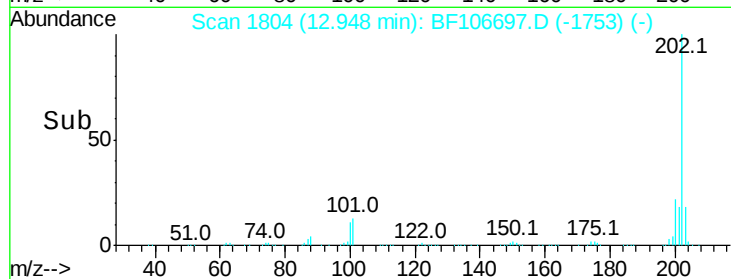
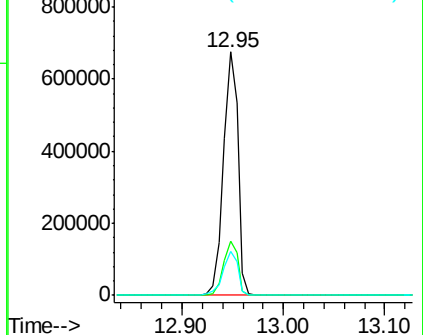
#77
Pvrene
Concen: 41.474 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 668783
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.9 14.3 21.5

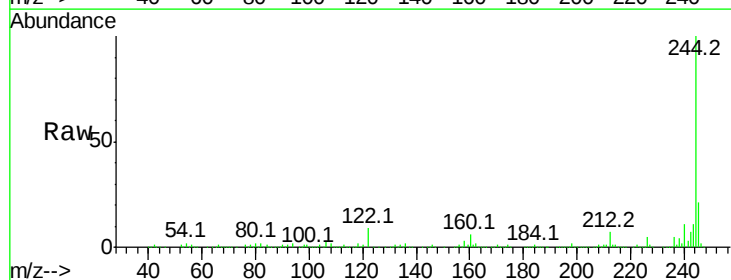


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

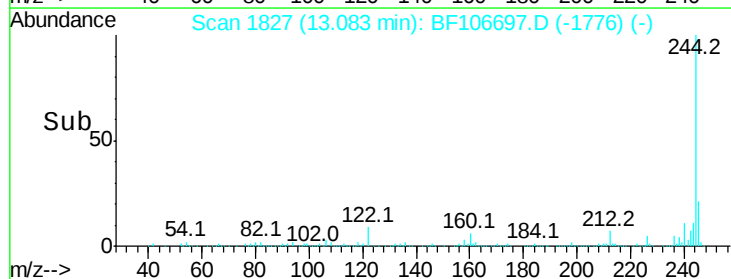
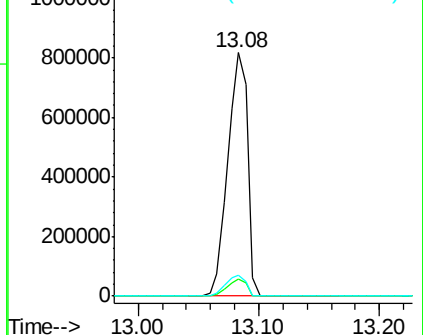


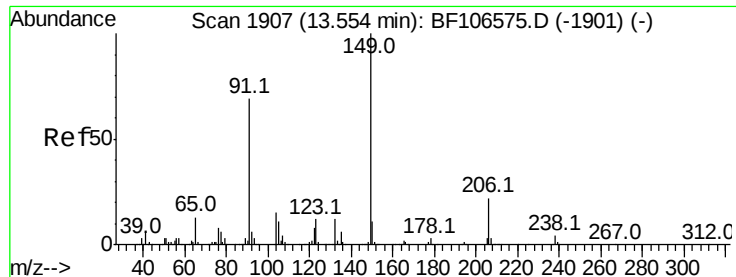
#78
Terphenyl-d14
Concen: 92.093 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion:244 Resp: 929687
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 8.8 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.473 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

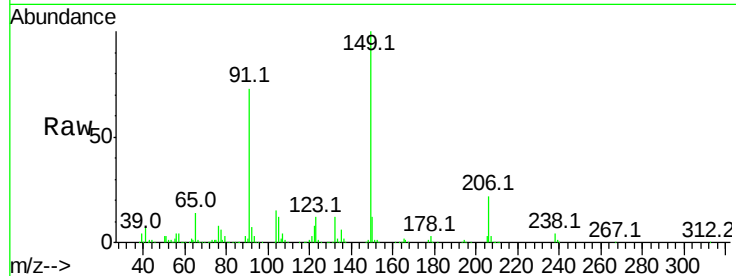
Tot Ion:149 Resp: 255072

Ion Ratio Lower Upper

149 100

91 72.7 56.8 85.2

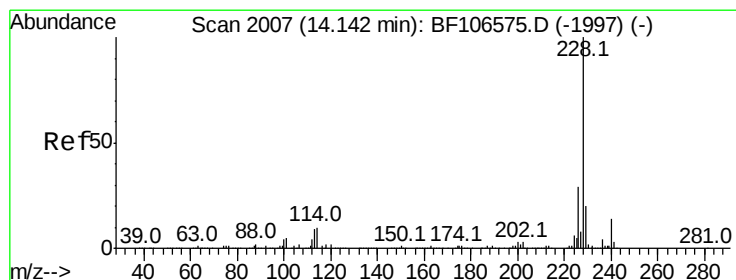
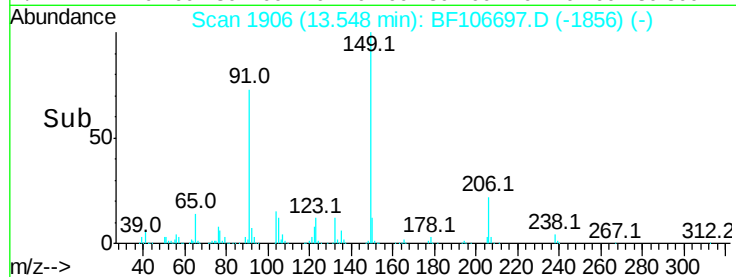
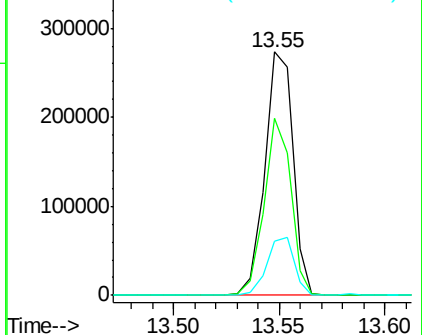
206 22.5 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.877 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

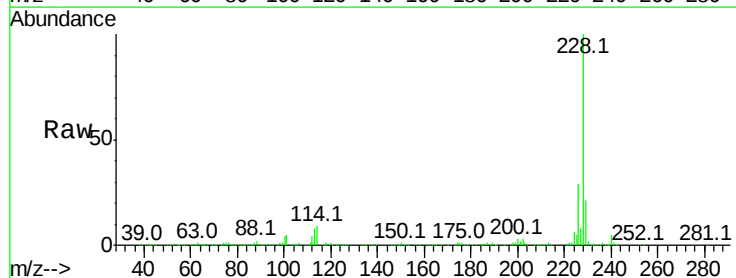
Tgt Ion:228 Resp: 594308

Ion Ratio Lower Upper

228 100

226 28.7 22.6 33.8

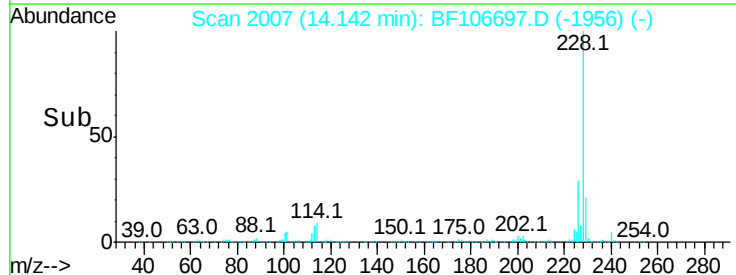
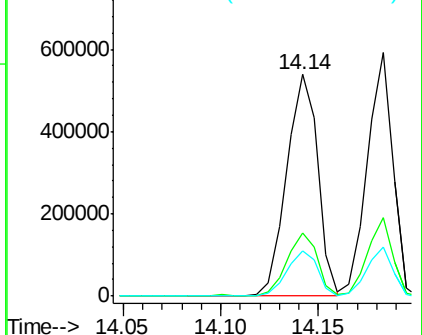
229 20.5 15.8 23.6

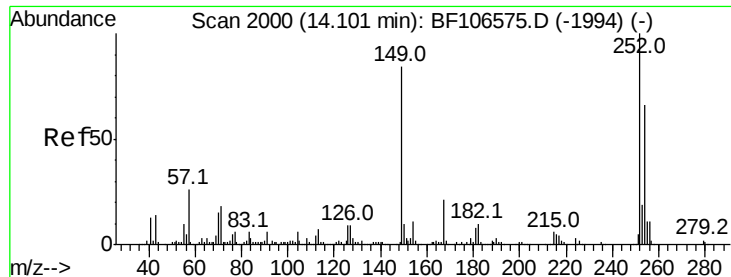


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

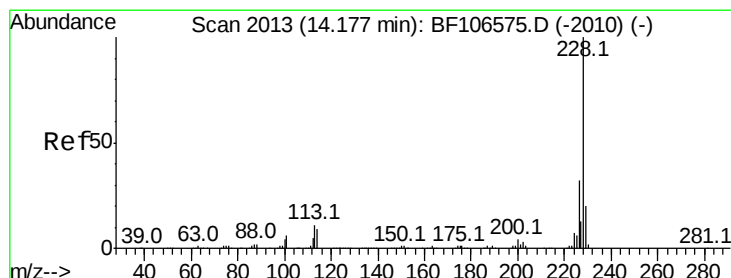
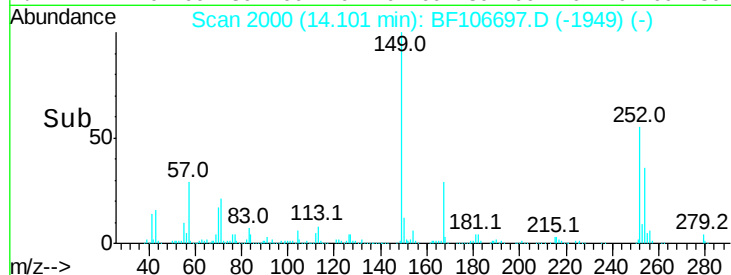
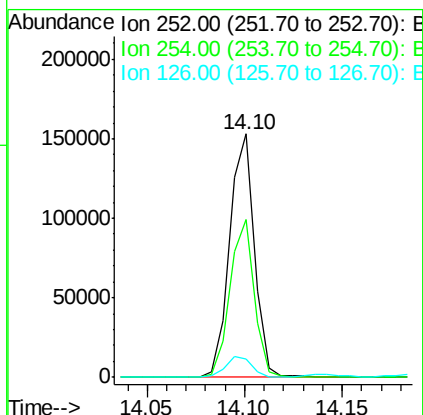
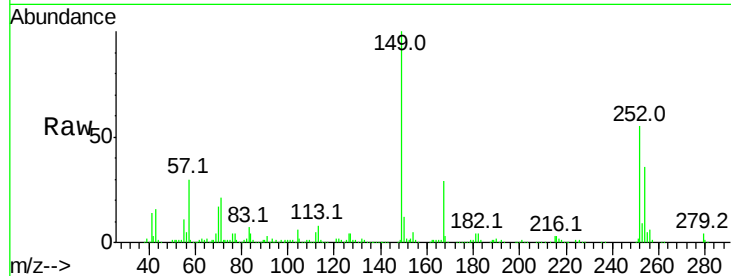




#81
 3,3'-Dichlorobenzidine
 Concen: 25.755 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

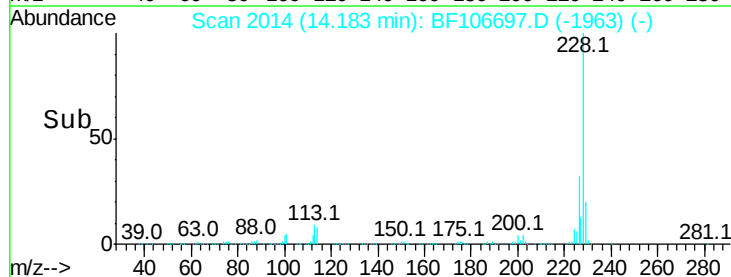
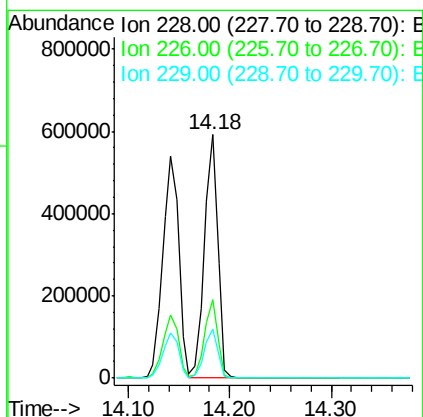
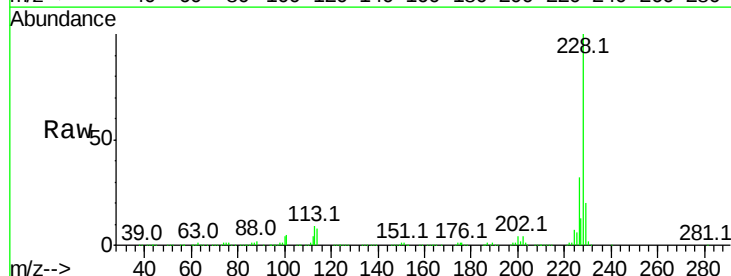
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 134903
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 7.3 11.3 16.9#



#82
 Chrysene
 Concen: 39.554 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:228 Resp: 542328
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.6
 229 20.3 16.2 24.4

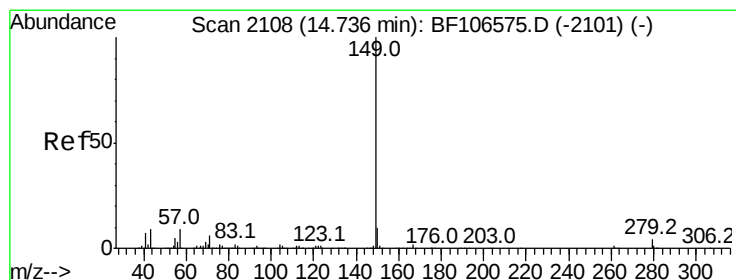
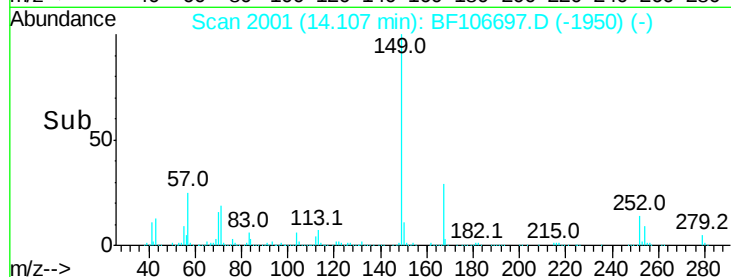
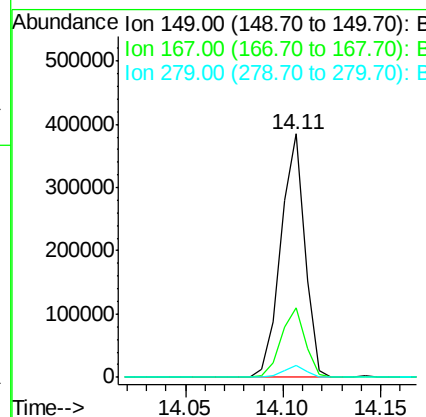
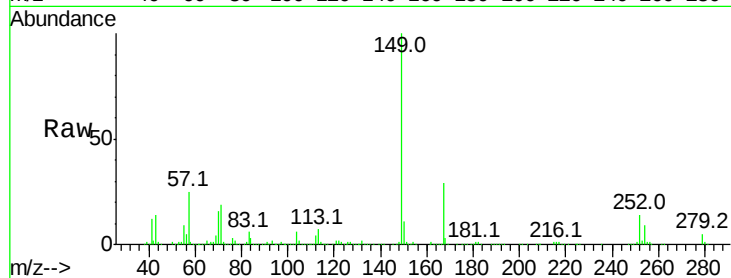




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.803 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

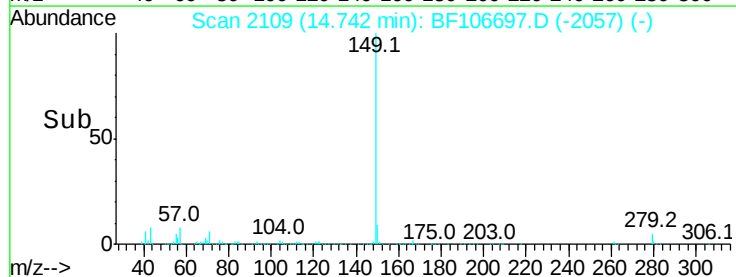
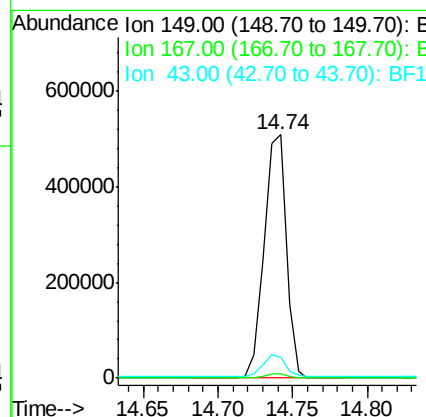
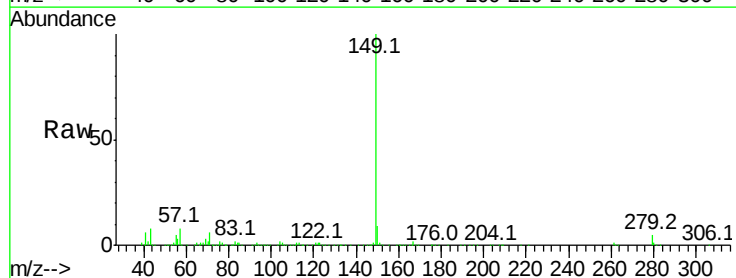
Instrument :
 BNA_F
 ClientSampleId :

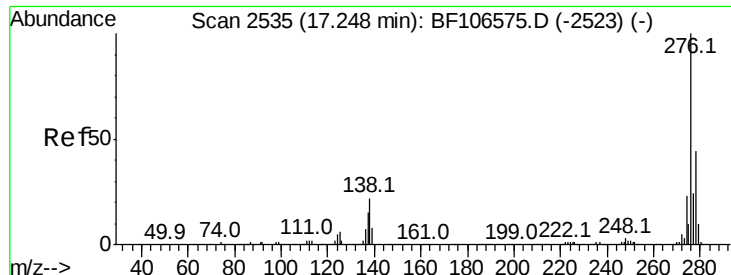
Tot Ion:149 Resp: 328900
 Ion Ratio Lower Upper
 149 100
 167 28.7 21.3 31.9
 279 4.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 37.522 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:149 Resp: 518422
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.2 1.8#
 43 9.6 8.4 12.6

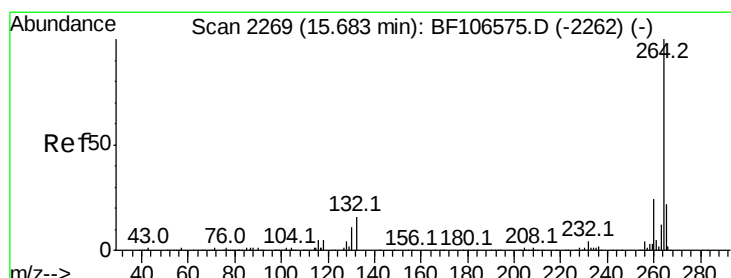
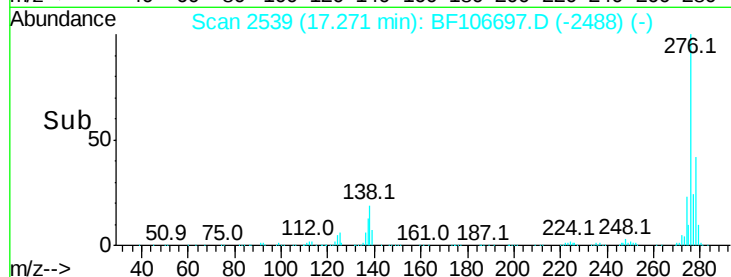
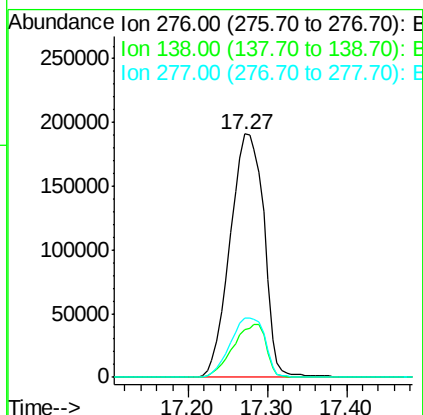
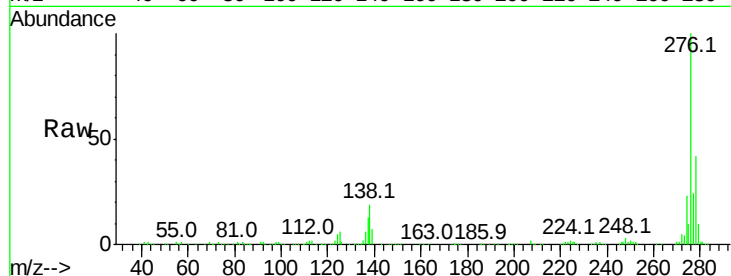




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.547 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

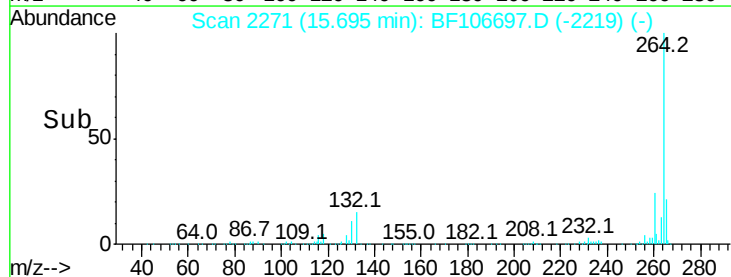
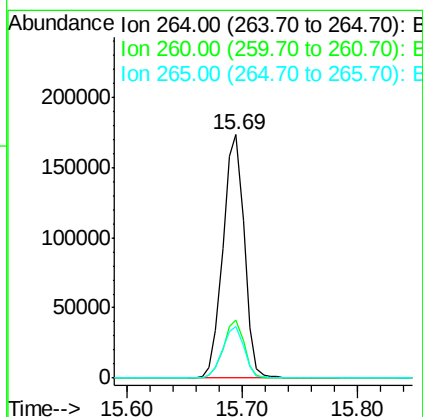
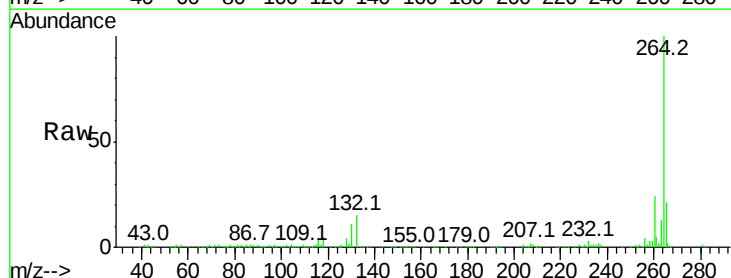
Instrument :
 BNA_F
 ClientSampleId :

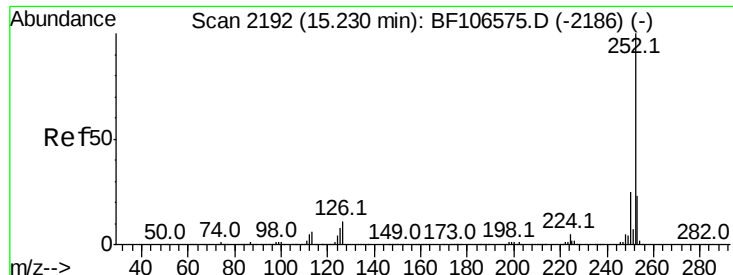
Tot Ion:276 Resp: 564873
 Ion Ratio Lower Upper
 276 100
 138 21.6 25.0 37.6#
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:264 Resp: 221877
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 17.5 26.3

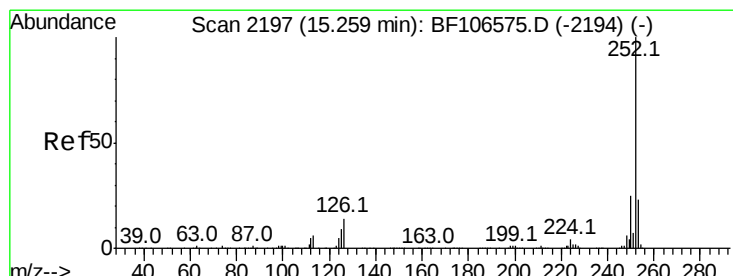
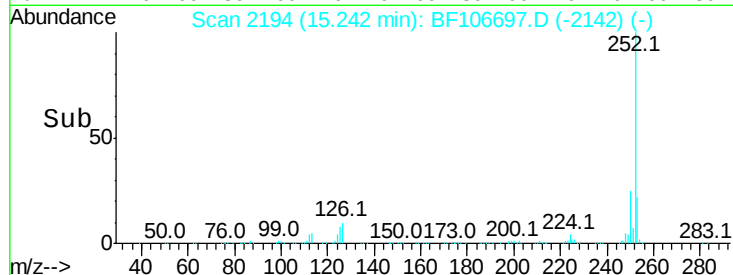
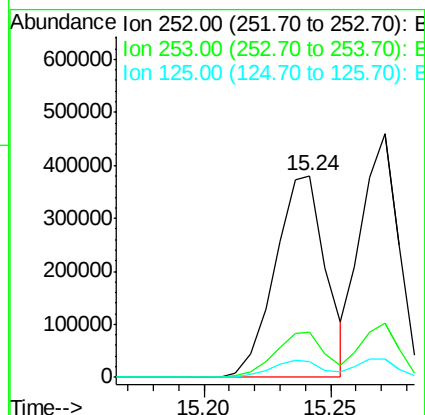
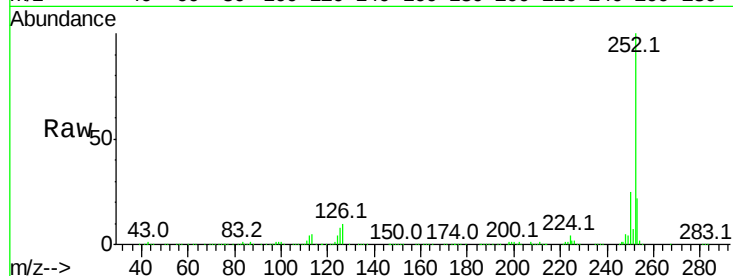




#87
Benzo(b)fluoranthene
Concen: 38.555 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

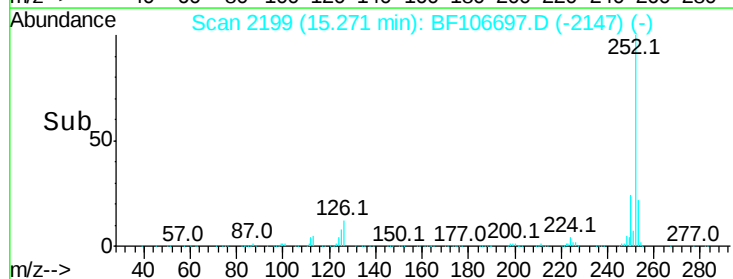
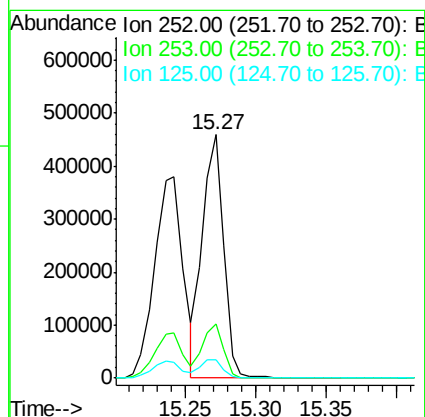
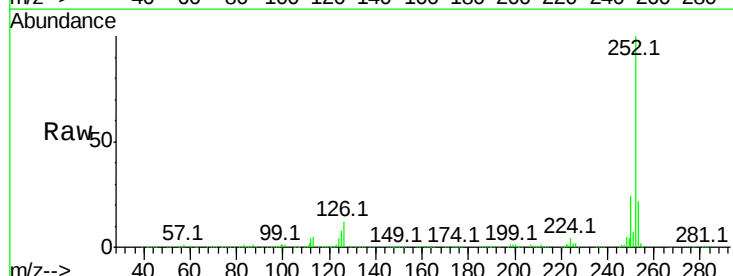
Instrument :
BNA_F
ClientSampleId :

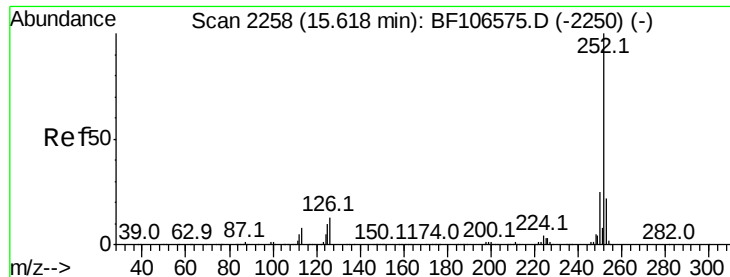
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	7.9	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 36.397 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.7	10.2	15.2#

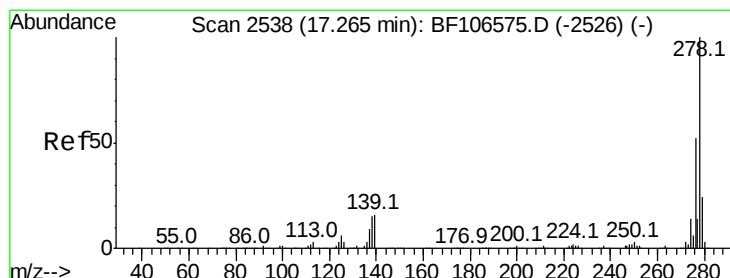
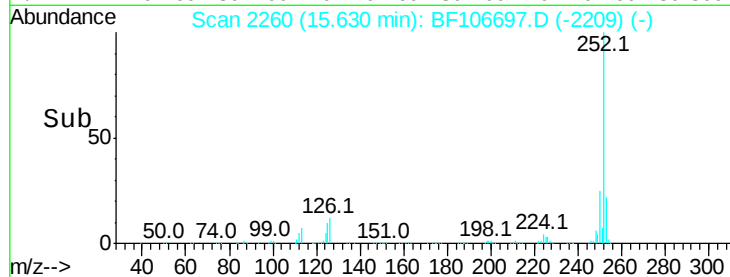
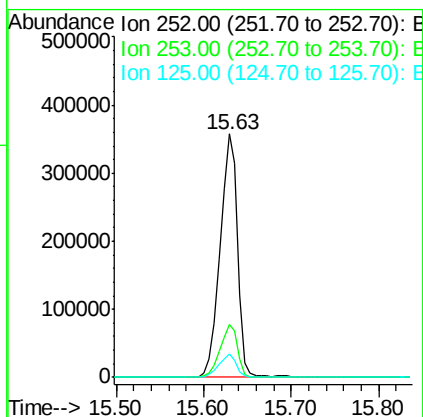
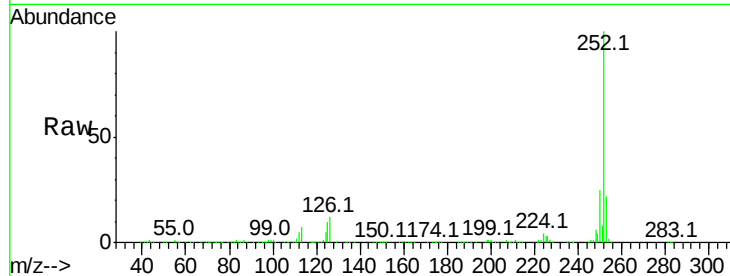




#89
Benzo(a)pyrene
Concen: 40.592 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

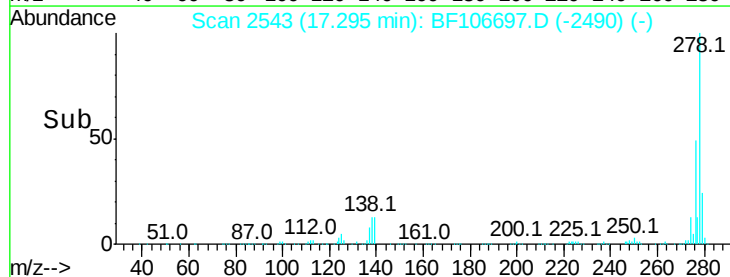
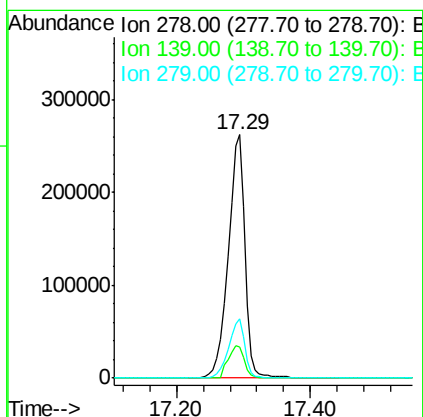
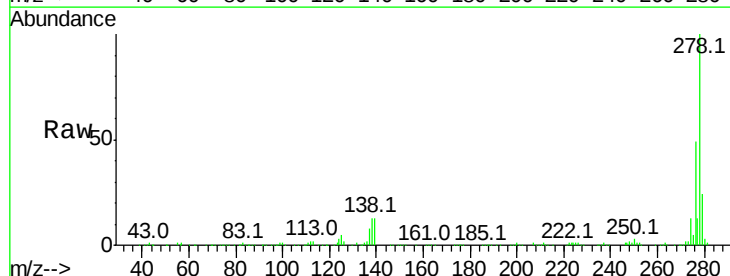
Instrument :
BNA_F
ClientSampled :

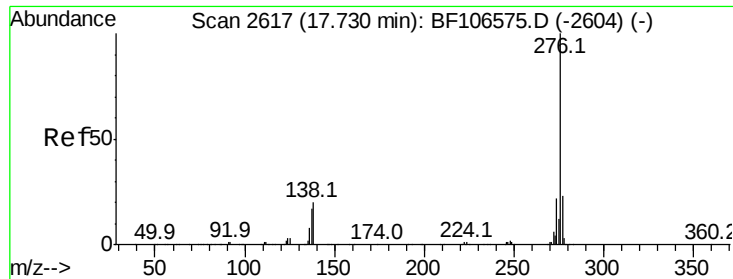
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.819 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.055 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 487731
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.9 26.9
 138 18.4 21.8 32.8#

