

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
 Data File : BF106582.D
 Acq On : 19 Jun 2018 15:19
 Operator : JU/SJ
 Sample : PB110378BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 16:15:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	103798	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	391872	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	188932	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	365877	20.00	ng	0.00
75) Chrysene-d12	14.15	240	224578	20.00	ng	0.00
86) Perylene-d12	15.70	264	244949	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	717709	117.08	ng	0.01
7) Phenol-d6	6.61	99	914546	119.47	ng	0.00
23) Nitrobenzene-d5	7.53	82	628118	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	289435	132.18	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1089927	100.30	ng	0.00
78) Terphenyl-d14	13.08	244	1075317	115.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	106542	33.807	ng	95
3) Pyridine	3.65	79	316269	37.004	ng	98
4) n-Nitrosodimethylamine	3.61	42	140879	38.809	ng	# 87
6) Aniline	6.63	93	321530	30.964	ng	# 71
8) 2-Chlorophenol	6.76	128	276570	41.136	ng	98
9) Benzaldehyde	6.51	77	142901	24.709	ng	96
10) Phenol	6.62	94	338081	38.699	ng	77
11) bis(2-Chloroethyl)ether	6.70	93	286429	39.715	ng	99
12) 1,3-Dichlorobenzene	6.90	146	316933	40.248	ng	99
13) 1,4-Dichlorobenzene	6.98	146	318486	40.005	ng	100
14) 1,2-Dichlorobenzene	7.14	146	296597	40.651	ng	97
15) Benzyl Alcohol	7.11	79	251949	40.989	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	424134	44.822	ng	77
17) 2-Methylphenol	7.22	107	236250	41.061	ng	# 90
18) Hexachloroethane	7.47	117	114040	40.734	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	191970	38.044	ng	96
20) 3+4-Methylphenols	7.37	107	282485	45.672	ng	# 70
22) Acetophenone	7.37	105	372951	42.540	ng	# 93
24) Nitrobenzene	7.55	77	313942	43.608	ng	99
25) Isophorone	7.78	82	571169	45.967	ng	98
26) 2-Nitrophenol	7.86	139	153653	45.212	ng	97
27) 2,4-Dimethylphenol	7.90	122	259627	49.425	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	362181	43.412	ng	99
29) 2,4-Dichlorophenol	8.11	162	250804	45.605	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	262099	43.263	ng	97
31) Naphthalene	8.27	128	787678	42.993	ng	98
32) Benzoic acid	8.02	122	145619	39.292	ng	96
33) 4-Chloroaniline	8.31	127	160982	20.941	ng	98
34) Hexachlorobutadiene	8.38	225	170023	43.070	ng	99
35) Caprolactam	8.70	113	75240	41.971	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	262683	45.380	ng	98
37) 2-Methylnaphthalene	8.96	142	545631	44.931	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	274551	43.151	ng	98
40) Hexachlorocyclopentadiene	9.11	237	338325	103.351	ng	99

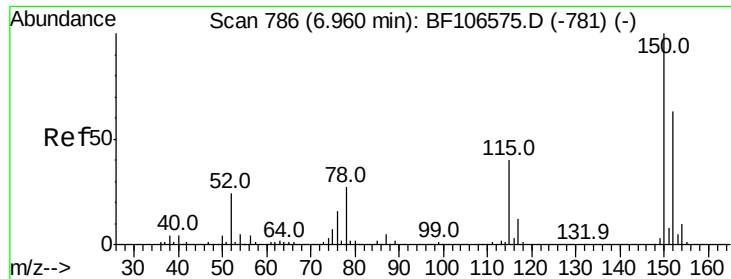
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	188482	44.565	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	194413	44.053	ng	94
45) 1,1'-Biphenyl	9.42	154	640708	42.552	ng	99
46) 2-Chloronaphthalene	9.45	162	520150	43.887	ng	95
47) 2-Nitroaniline	9.55	65	173979	43.653	ng	91
48) Acenaphthylene	9.87	152	818937	43.766	ng	99
49) Dimethylphthalate	9.72	163	603301	42.576	ng	# 99
50) 2,6-Dinitrotoluene	9.79	165	133338	44.438	ng	98
51) Acenaphthene	10.04	154	468992	39.802	ng	98
52) 3-Nitroaniline	9.96	138	99319	28.764	ng	100
53) 2,4-Dinitrophenol	10.07	184	116847	75.239	ng	# 18
54) Dibenzofuran	10.21	168	699495	43.353	ng	98
55) 4-Nitrophenol	10.14	139	180657	74.957	ng	92
56) 2,4-Dinitrotoluene	10.20	165	177506	45.322	ng	# 95
57) Fluorene	10.56	166	543907	42.481	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	164641	46.931	ng	# 83
59) Diethylphthalate	10.42	149	579999	42.408	ng	96
60) 4-Chlorophenyl-phenylether	10.54	204	281556	42.029	ng	92
61) 4-Nitroaniline	10.58	138	132014	38.524	ng	99
62) Azobenzene	10.71	77	594117	44.113	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	87194	38.553	ng	88
65) n-Nitrosodiphenylamine	10.67	169	507422	41.232	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	194774	44.606	ng	# 84
67) Hexachlorobenzene	11.10	284	202936	44.404	ng	# 88
68) Atrazine	11.19	200	167542	42.825	ng	98
69) Pentachlorophenol	11.30	266	169068	74.141	ng	97
70) Phenanthrene	11.52	178	786484	44.568	ng	99
71) Anthracene	11.58	178	803726	44.621	ng	98
72) Carbazole	11.73	167	668803	39.659	ng	99
73) Di-n-butylphthalate	12.05	149	857688	43.171	ng	100
74) Fluoranthene	12.72	202	774966	39.843	ng	97
76) Benzidine	12.84	184	163246	25.523	ng	98
77) Pyrene	12.95	202	758938	51.247	ng	99
79) Butylbenzylphthalate	13.55	149	289761	47.589	ng	# 96
80) Benzo(a)anthracene	14.14	228	606021	44.276	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	169332	35.200	ng	98
82) Chrysene	14.18	228	565277	44.891	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	362120	46.518	ng	100
84) Di-n-octyl phthalate	14.76	149	556806	43.881	ng	98
85) Indeno(1,2,3-cd)pyrene	17.28	276	767015	71.776	ng	# 93
87) Benzo(b)fluoranthene	15.28	252	584413	38.408	ng	97
88) Benzo(k)fluoranthene	15.28	252	584408	40.331	ng	# 97
89) Benzo(a)pyrene	15.64	252	607248	44.892	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	626490	54.649	ng	96
91) Benzo(g,h,i)perylene	17.76	276	659952	58.898	ng	# 92

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

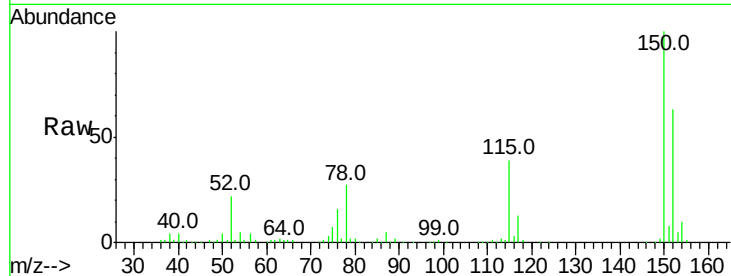


#1

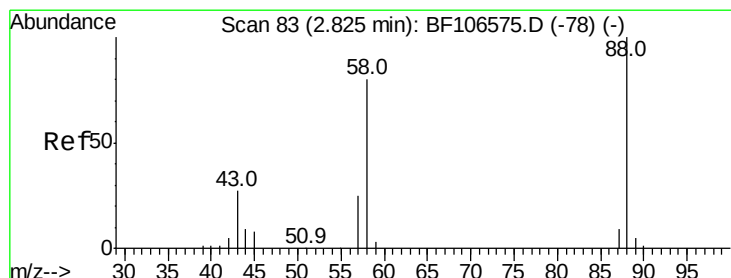
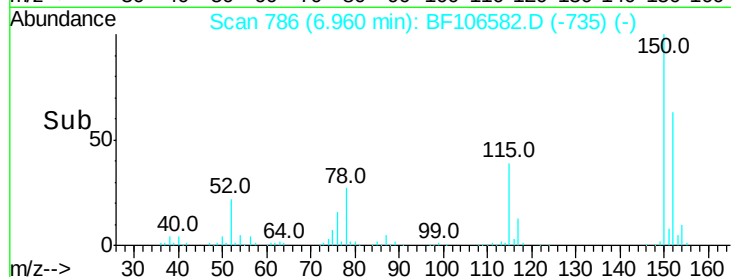
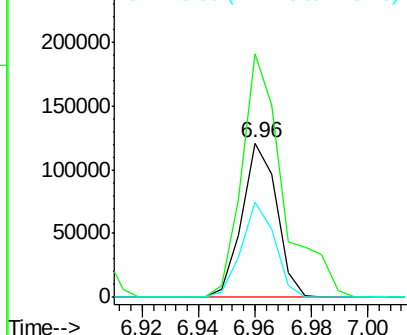
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103798
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 61.8 50.1 75.1



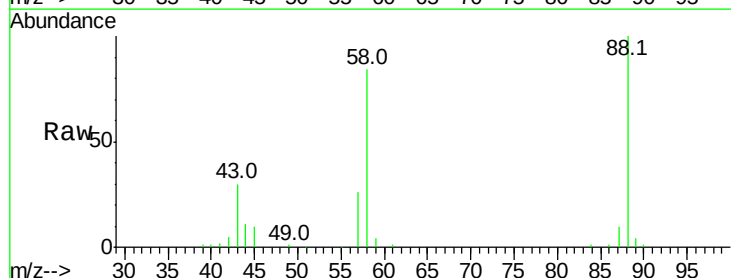
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



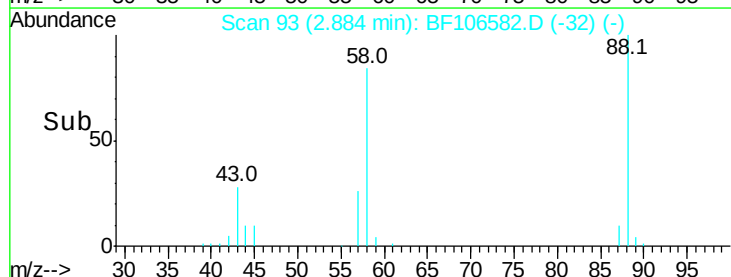
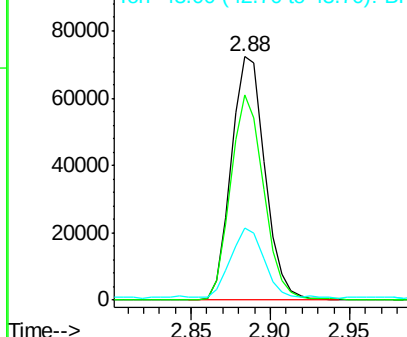
#2

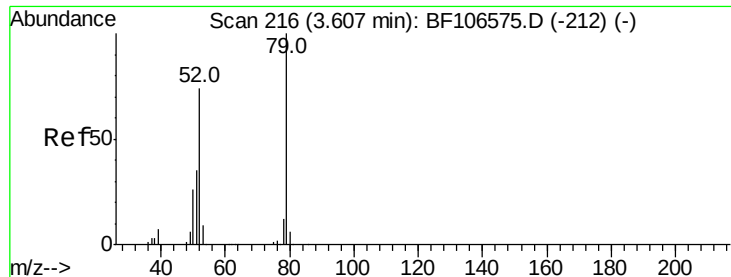
1,4-Dioxane
Concen: 33.807 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion: 88 Resp: 106542
Ion Ratio Lower Upper
88 100
58 82.9 62.6 93.8
43 28.7 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.004 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

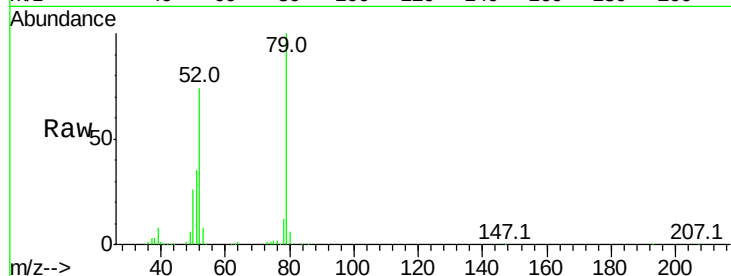
Tot Ion: 79 Resp: 316269

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

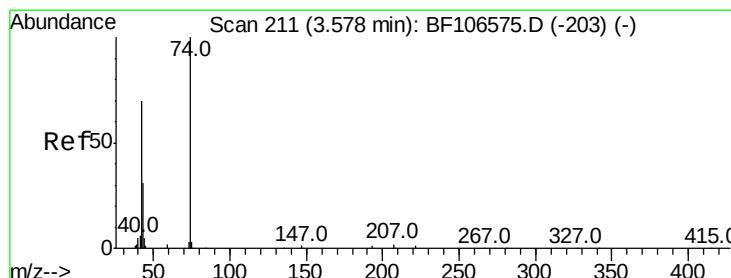
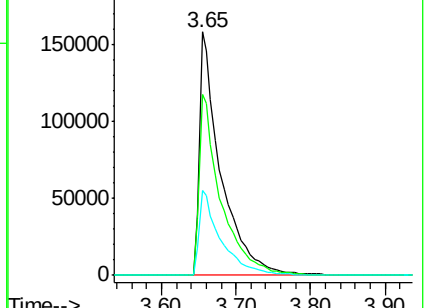
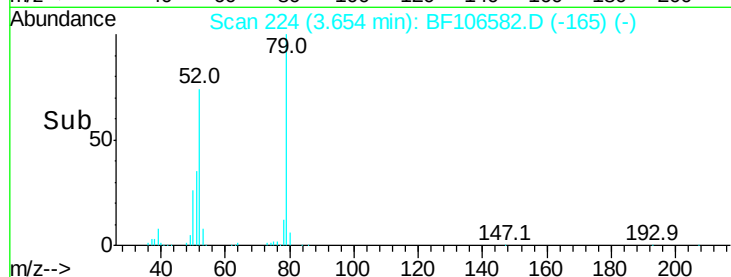
51 34.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.809 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.04 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

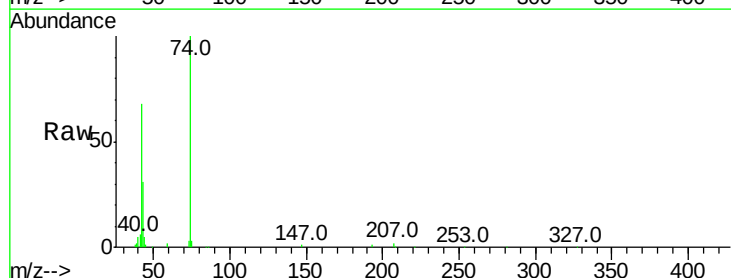
Tgt Ion: 42 Resp: 140879

Ion Ratio Lower Upper

42 100

74 146.6 104.9 157.3

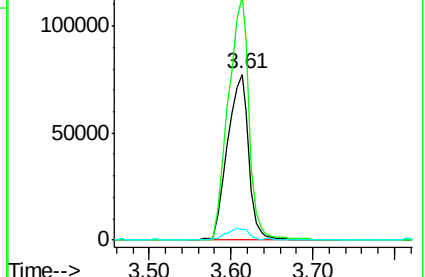
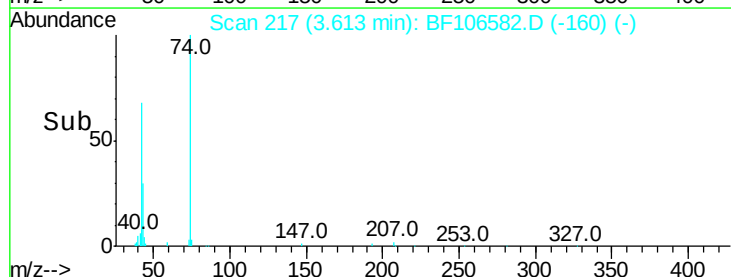
44 6.7 6.9 10.3#

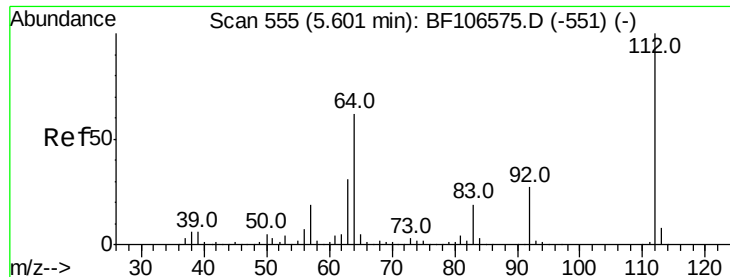


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.084 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampled :

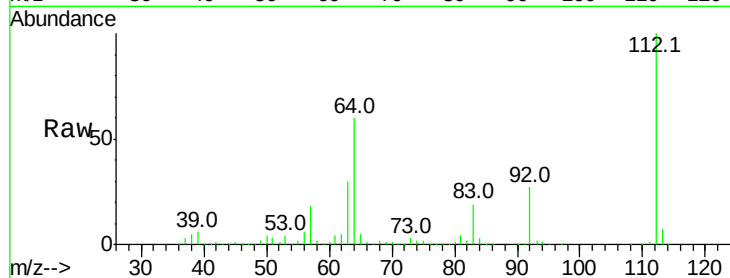
Tot Ion:112 Resp: 717709

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

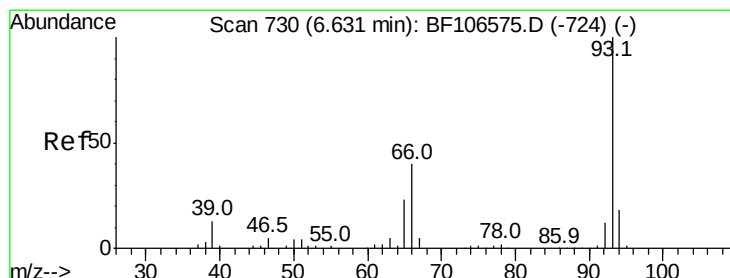
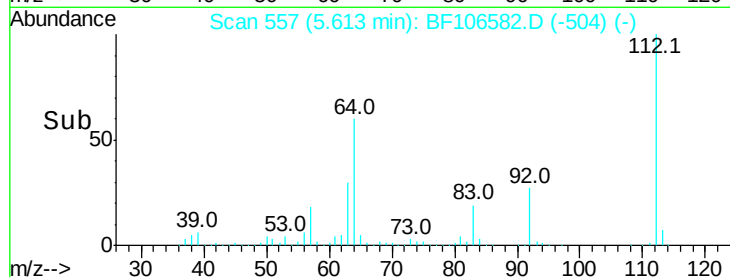
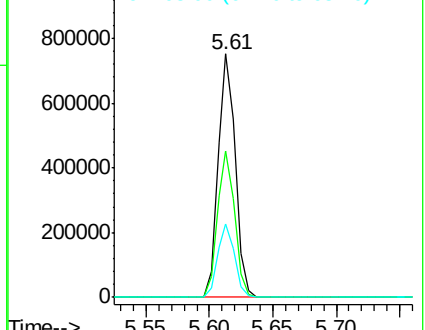
63 30.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.964 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

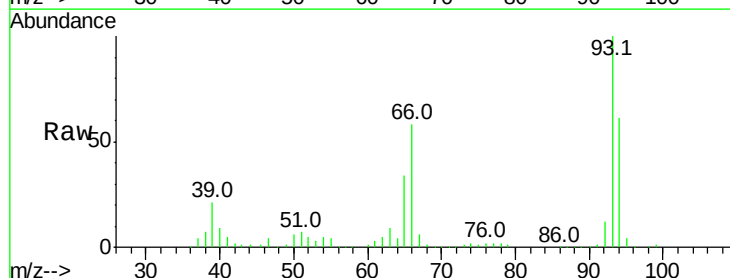
Tgt Ion: 93 Resp: 321530

Ion Ratio Lower Upper

93 100

66 58.1 32.2 48.2#

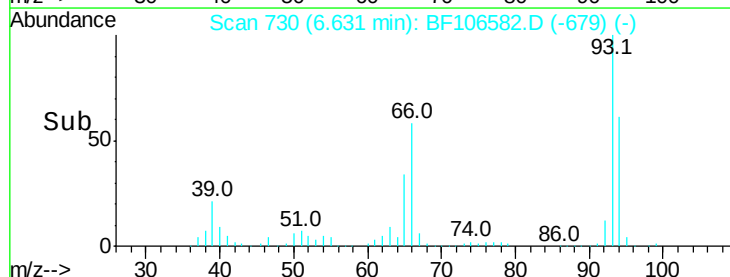
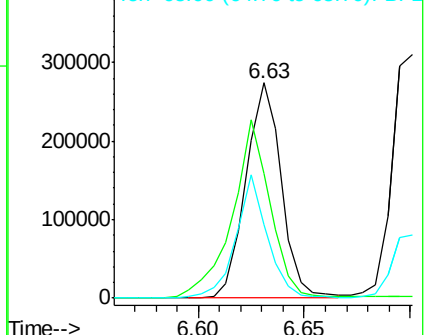
65 34.2 16.4 24.6#

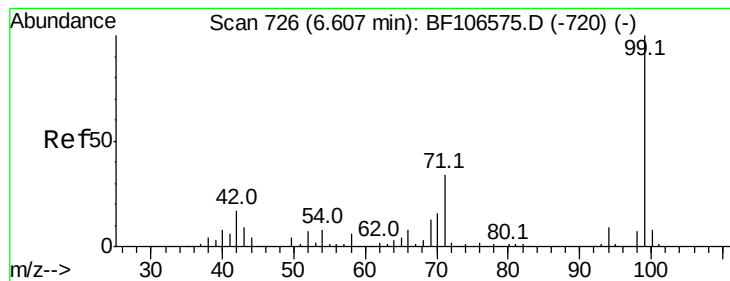


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.470 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampled :

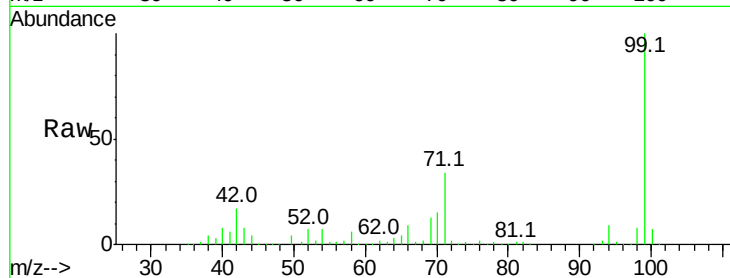
Tot Ion: 99 Resp: 914546

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

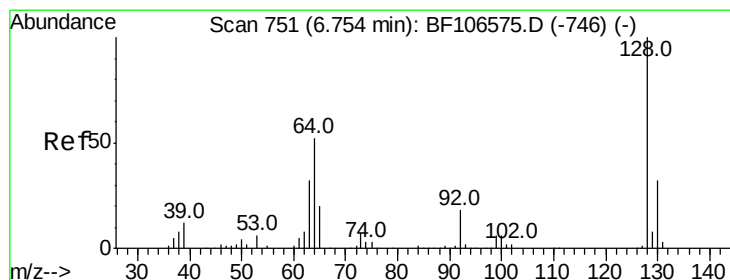
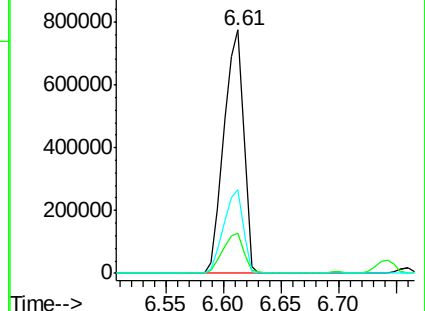
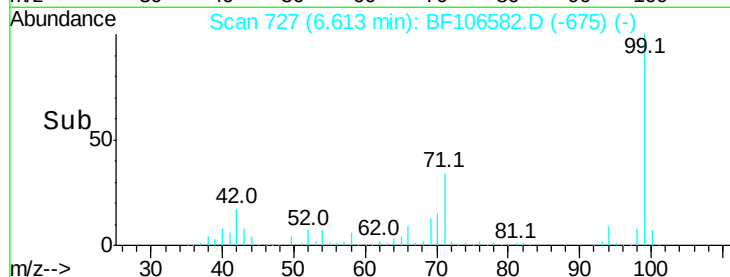
71 34.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.136 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

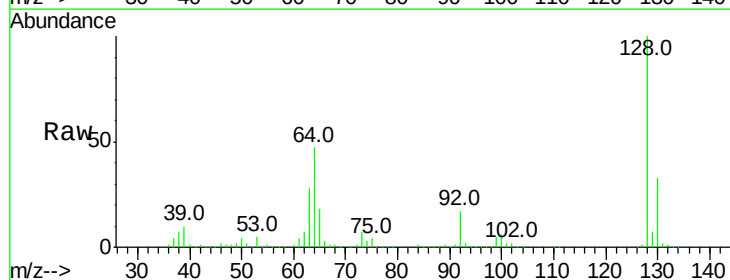
Tgt Ion:128 Resp: 276570

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

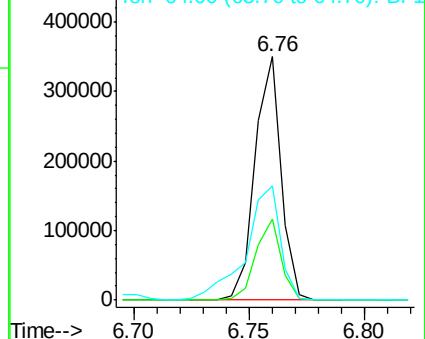
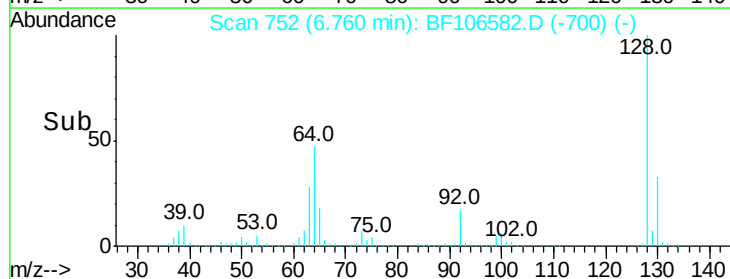
64 47.1 29.4 69.4

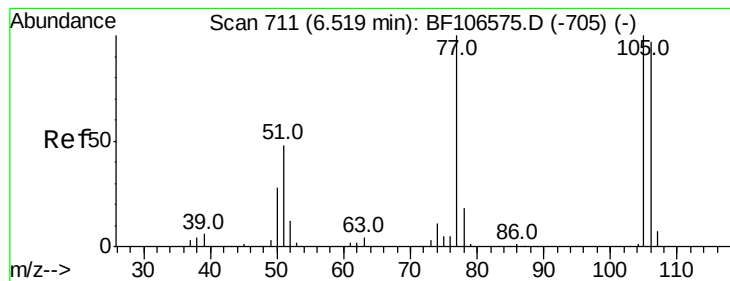


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.709 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

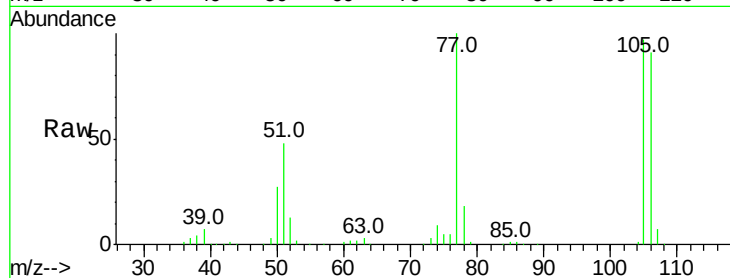
Tot Ion: 77 Resp: 142901

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

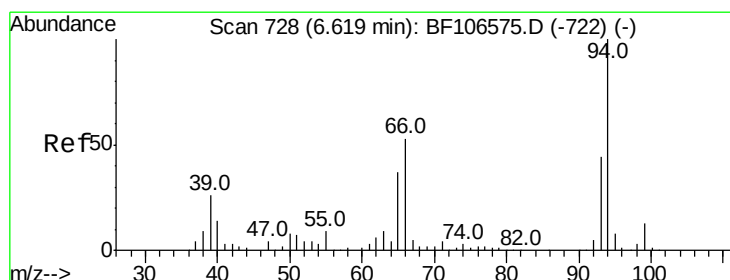
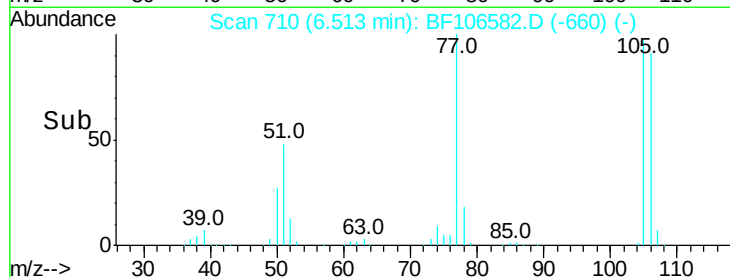
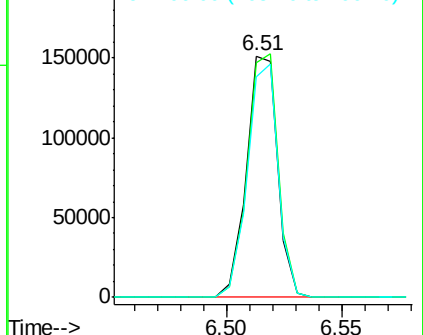
106 91.2 74.5 114.5



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: 38.699 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

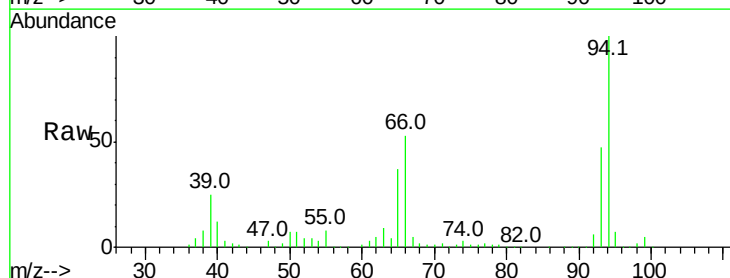
Tgt Ion: 94 Resp: 338081

Ion Ratio Lower Upper

94 100

65 36.6 7.9 47.9

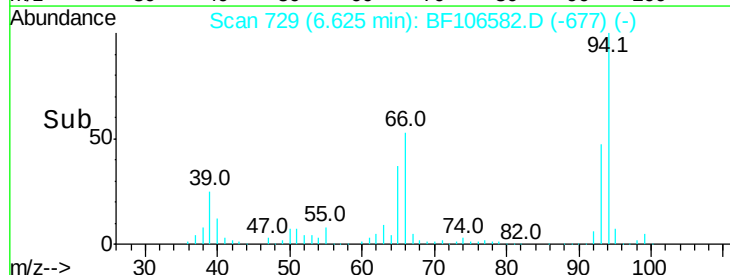
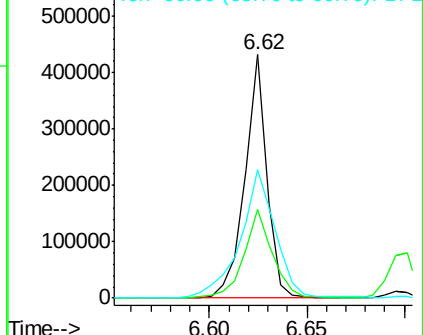
66 52.8 16.2 56.2

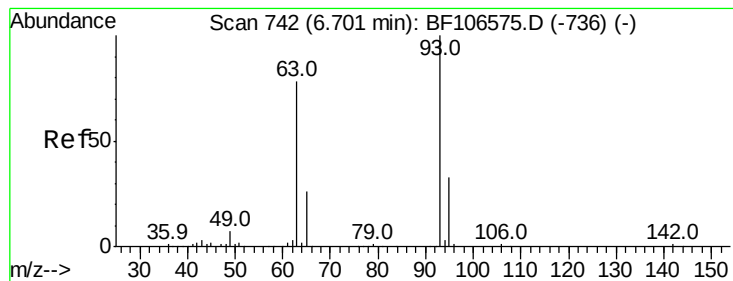


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.715 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

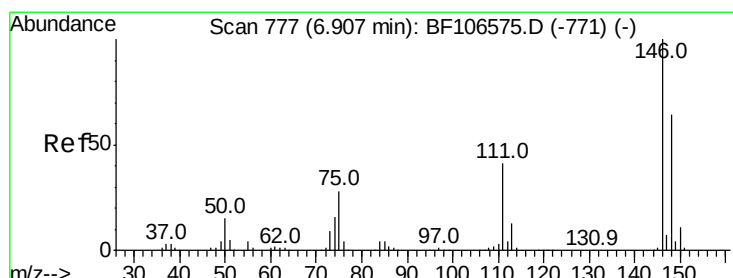
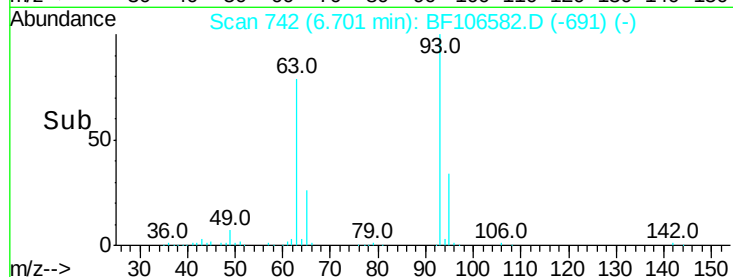
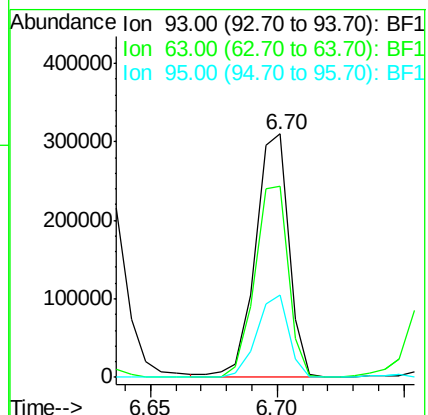
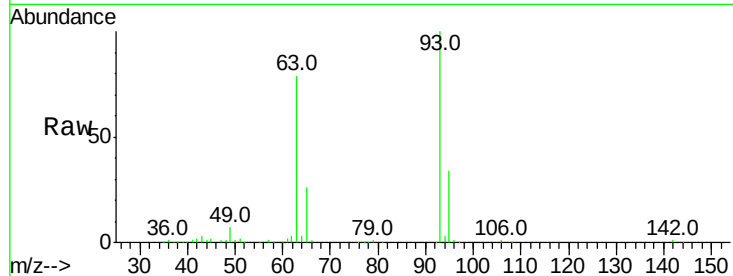
Tot Ion: 93 Resp: 286429

Ion Ratio Lower Upper

93 100

63 78.7 58.6 98.6

95 34.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.248 ng

RT: 6.90 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

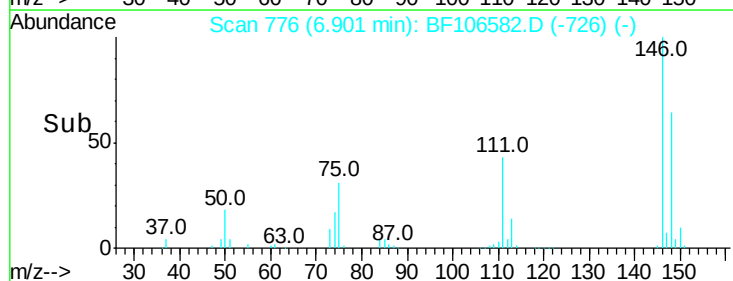
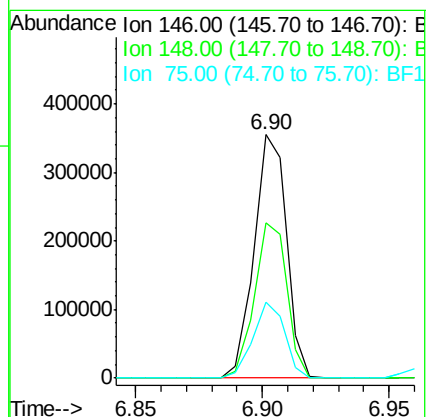
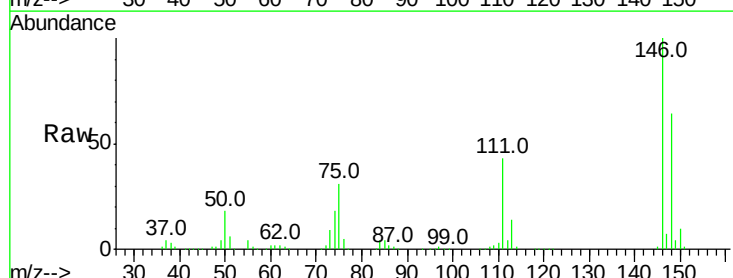
Tgt Ion: 146 Resp: 316933

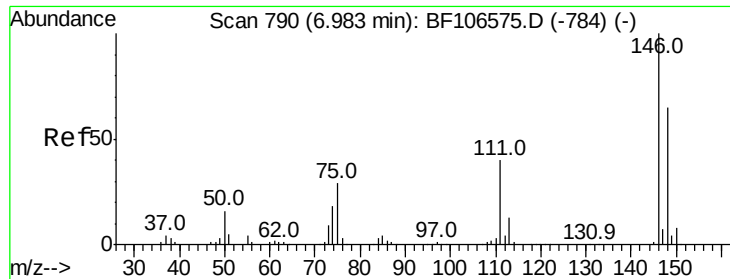
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

75 31.0 24.2 36.4

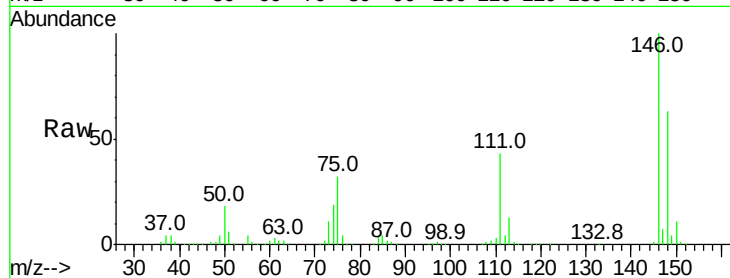




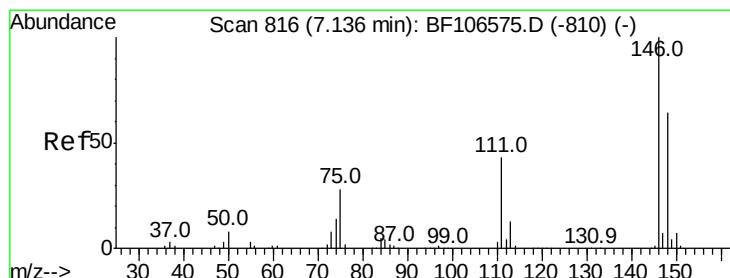
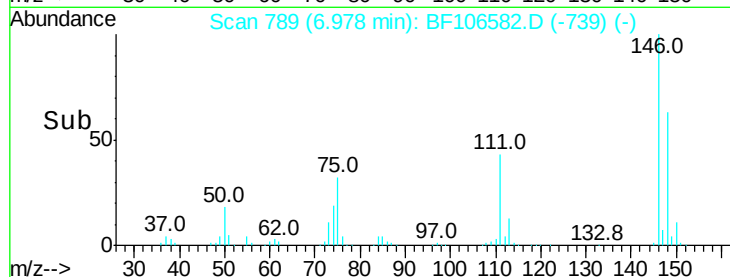
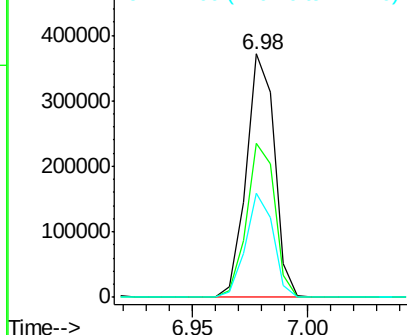
#13
 1,4-Dichlorobenzene
 Concen: 40.005 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	42.6	34.2	51.2

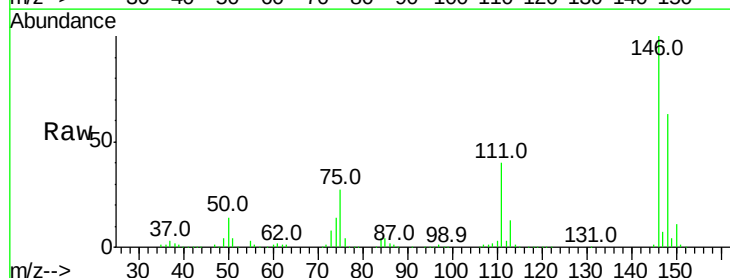


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

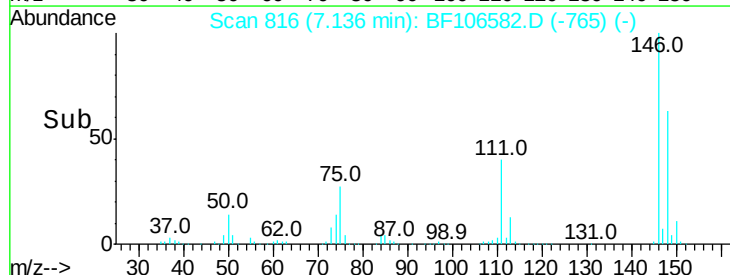
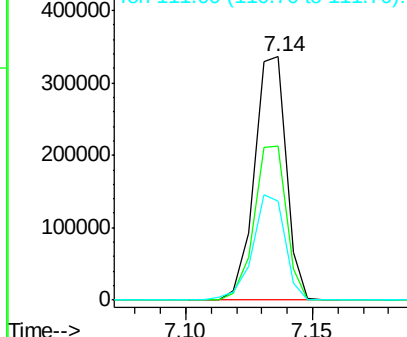


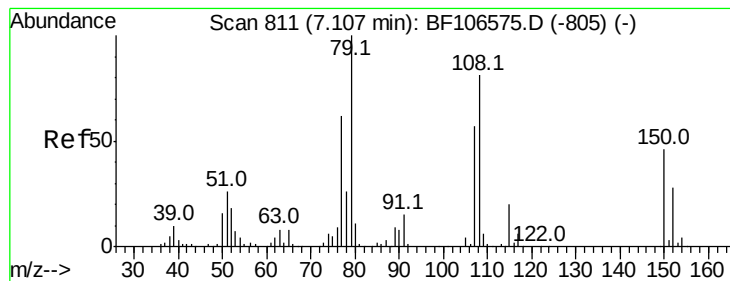
#14
 1,2-Dichlorobenzene
 Concen: 40.651 ng
 RT: 7.14 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	40.4	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.989 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

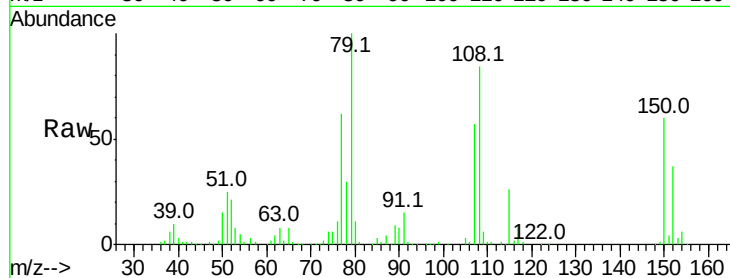
Tot Ion: 79 Resp: 251949

Ion Ratio Lower Upper

79 100

108 83.5 65.1 97.7

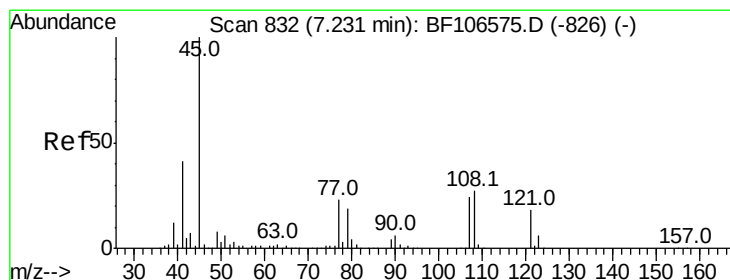
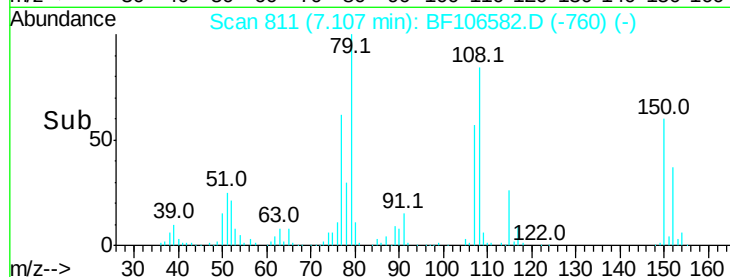
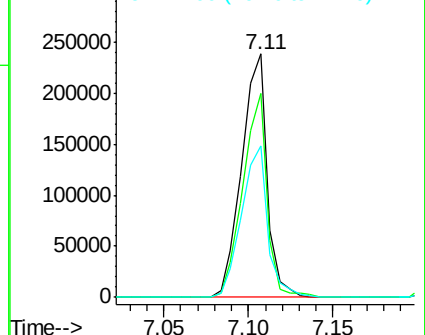
77 62.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.822 ng

RT: 7.23 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

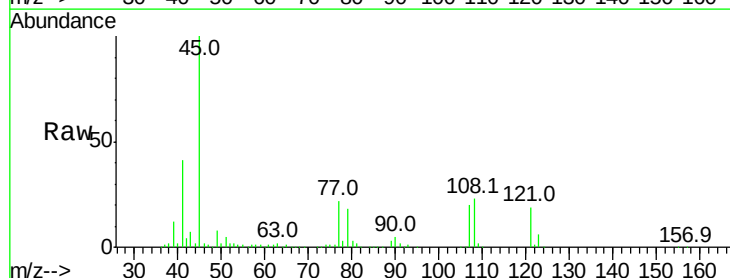
Tgt Ion: 45 Resp: 424134

Ion Ratio Lower Upper

45 100

77 21.7 0.0 32.9

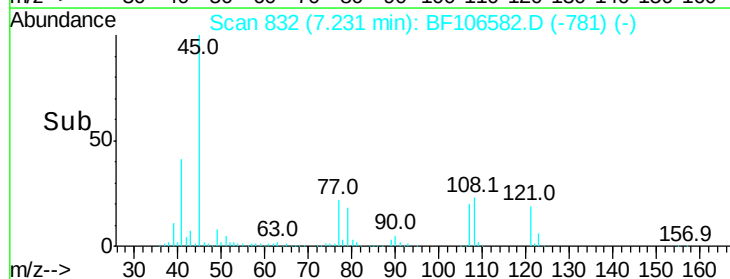
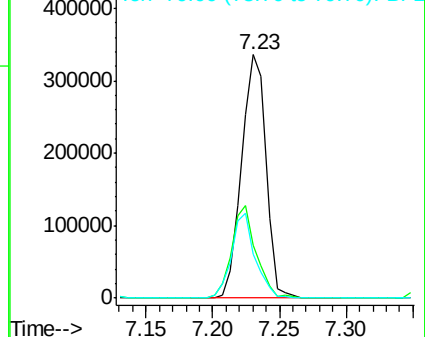
79 18.1 0.0 29.6

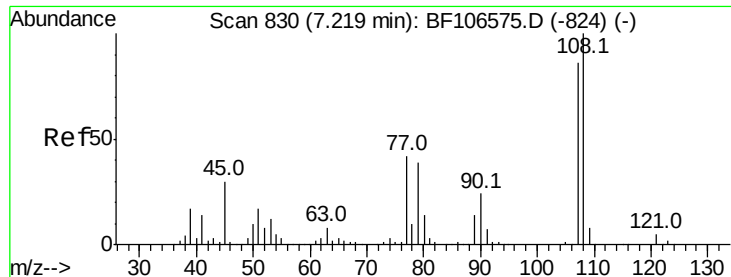


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.061 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 236250

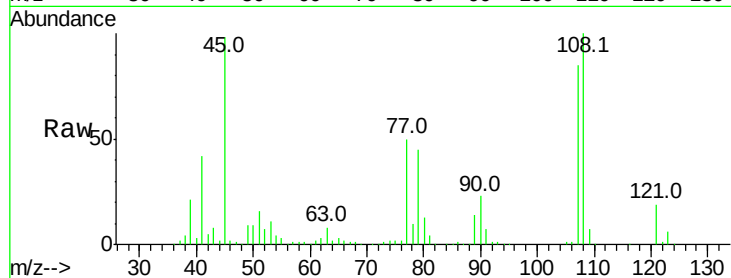
Ion Ratio Lower Upper

107 100

108 117.2 91.7 137.5

77 58.2 33.8 50.8#

79 53.1 33.8 50.8#

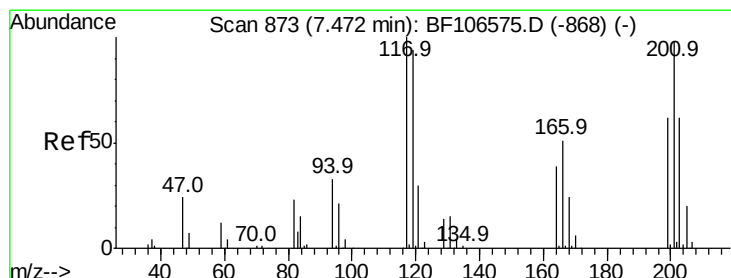
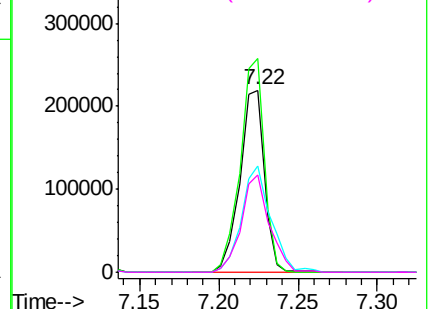
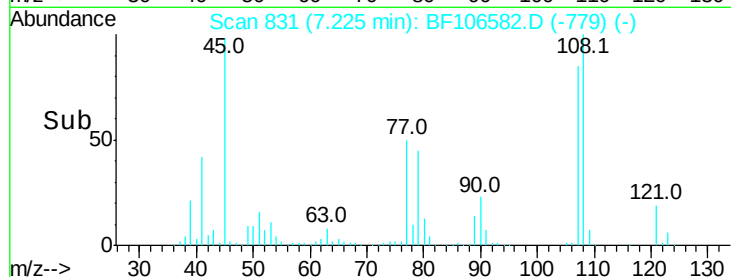


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.734 ng

RT: 7.47 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

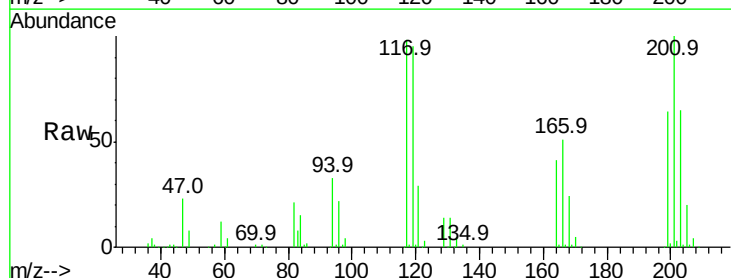
Tgt Ion:117 Resp: 114040

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

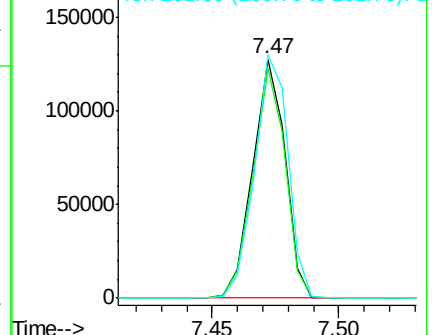
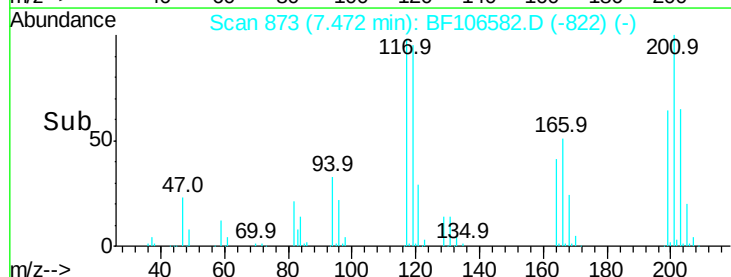
201 101.9 75.7 113.5

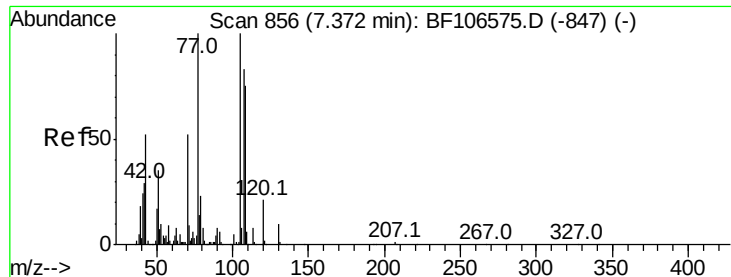


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

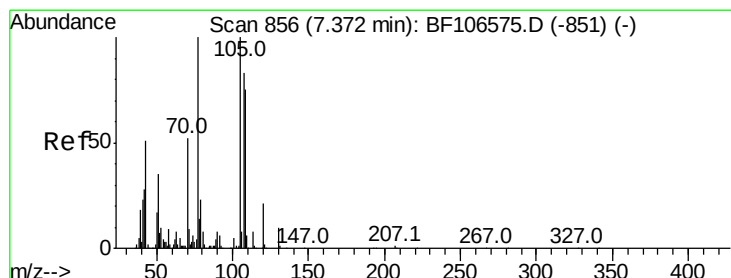
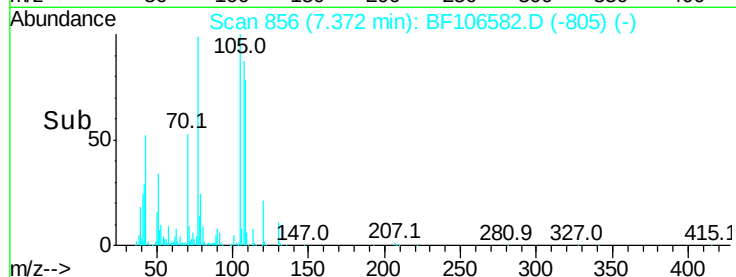
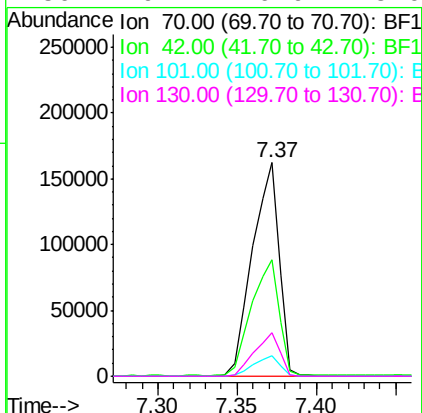
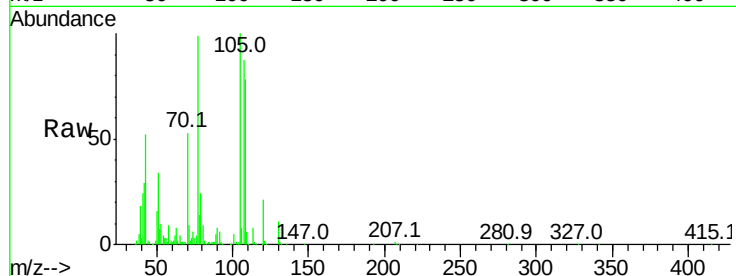




#19
n-Nitroso-di-n-propylamine
Concen: 38.044 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

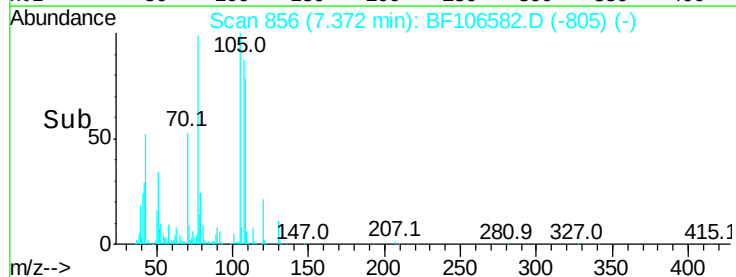
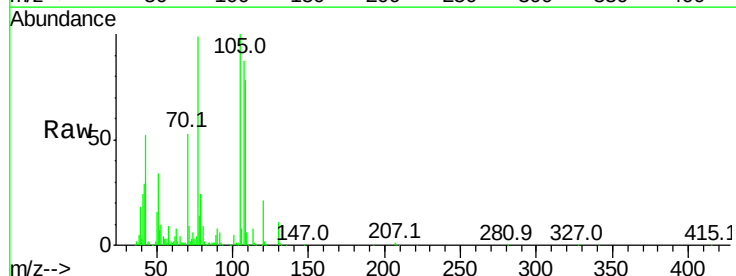
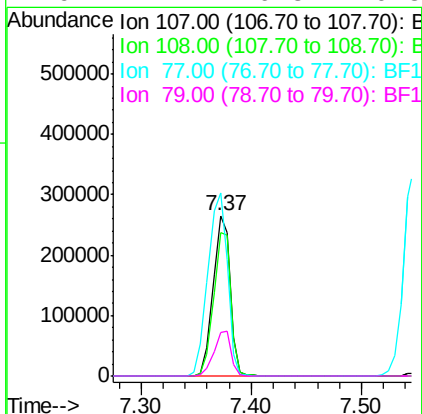
Instrument :
BNA_F
ClientSampled :

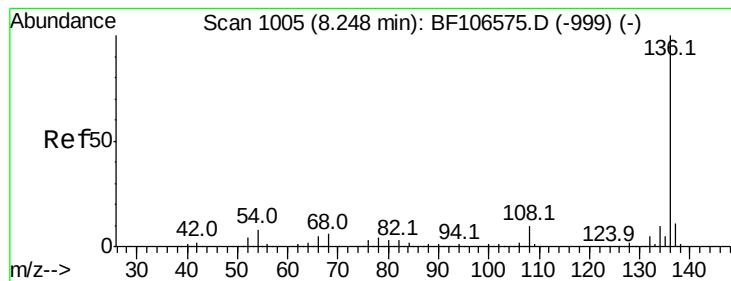
Tot Ion: 70 Resp: 191970
Ion Ratio Lower Upper
70 100
42 54.8 47.5 71.3
101 9.8 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.672 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion: 107 Resp: 282485
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 114.1 26.7 66.7#
79 27.1 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 391872

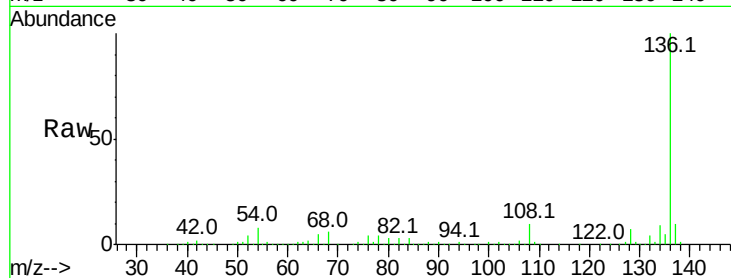
Ion Ratio Lower Upper

136 100

137 10.2 8.9 13.3

54 7.8 6.6 9.8

68 6.1 5.0 7.4

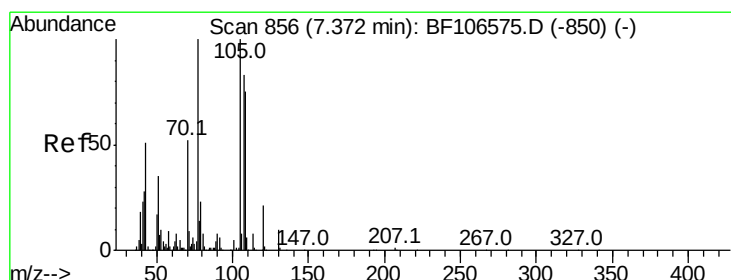
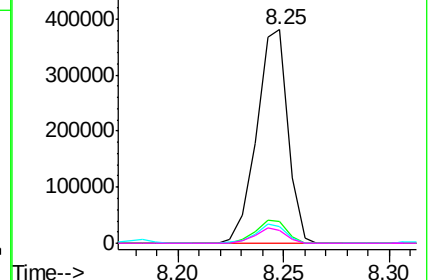
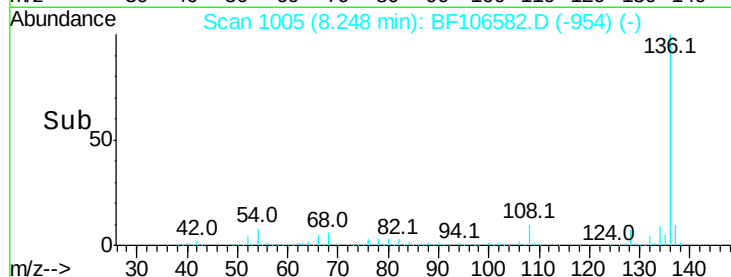


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.540 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Tgt Ion:105 Resp: 372951

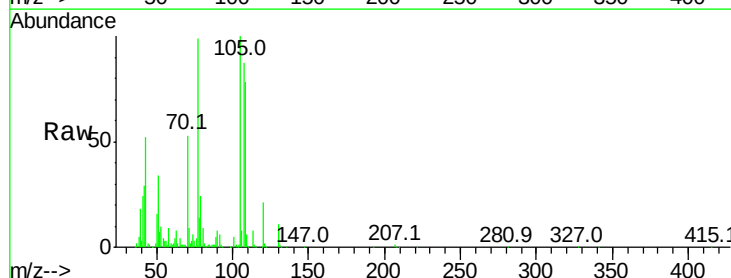
Ion Ratio Lower Upper

105 100

71 8.8 4.4 6.6#

51 34.1 22.3 33.5#

120 21.4 16.9 25.3

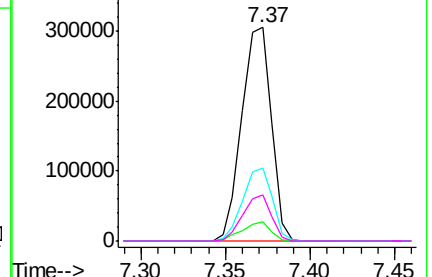
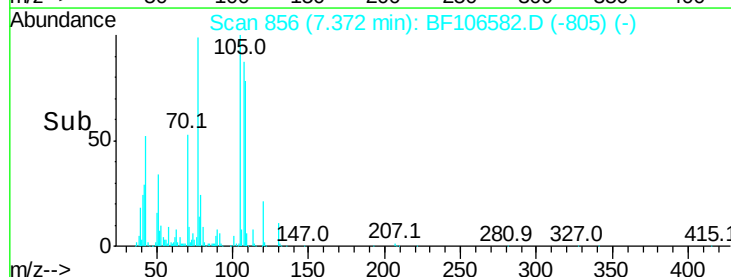


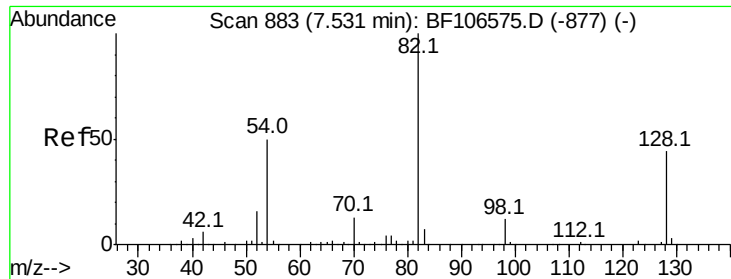
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

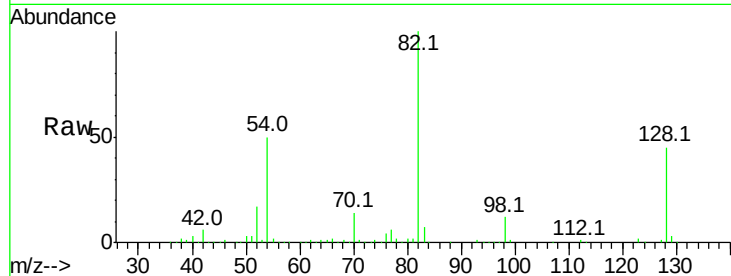




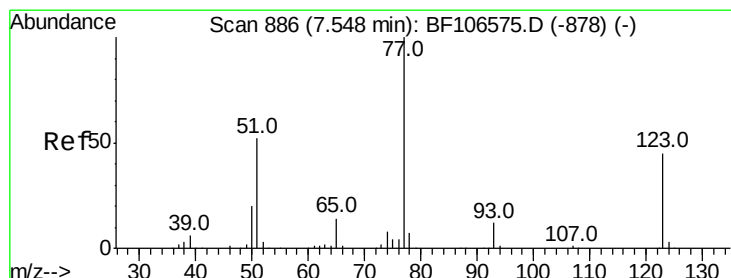
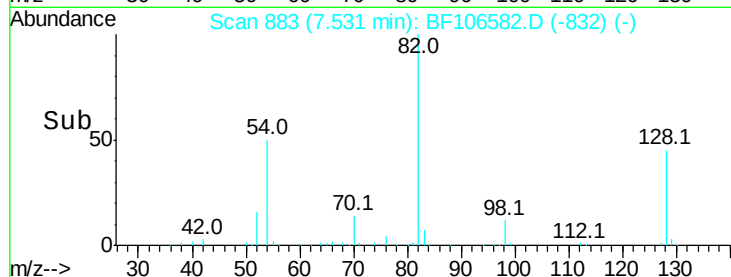
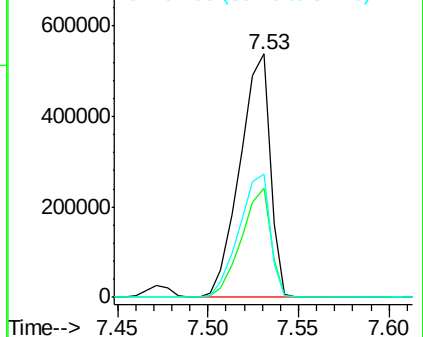
#23
Nitrobenzene-d5
Concen: 89.077 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 628118
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 50.4 41.4 62.2

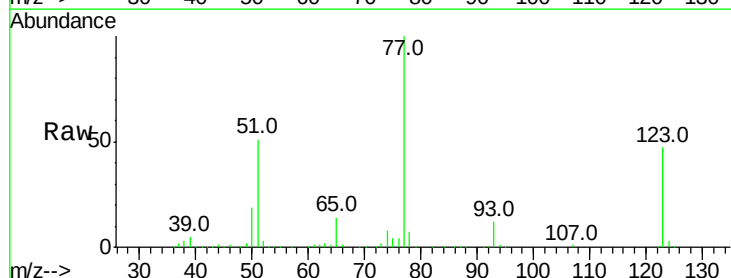


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

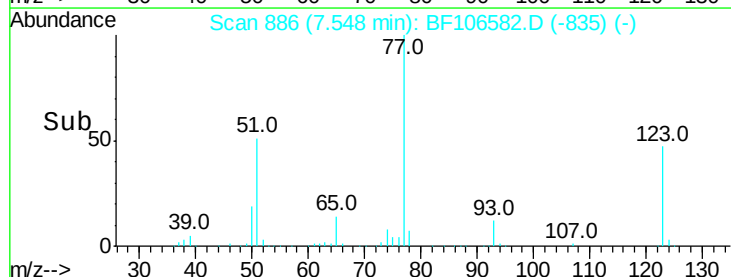
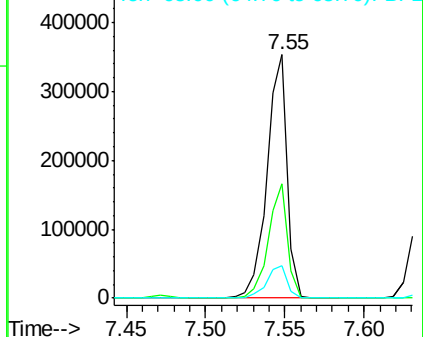


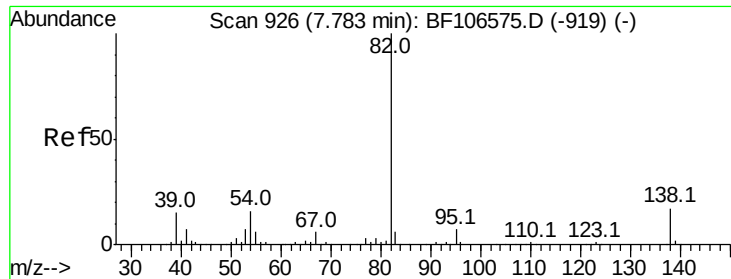
#24
Nitrobenzene
Concen: 43.608 ng
RT: 7.55 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion: 77 Resp: 313942
Ion Ratio Lower Upper
77 100
123 46.9 37.9 56.9
65 13.6 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: 45.967 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

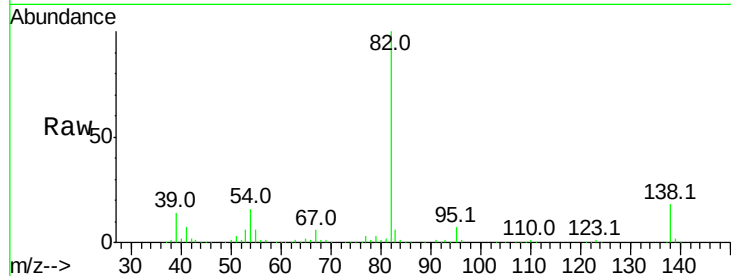
Tot Ion: 82 Resp: 571169

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

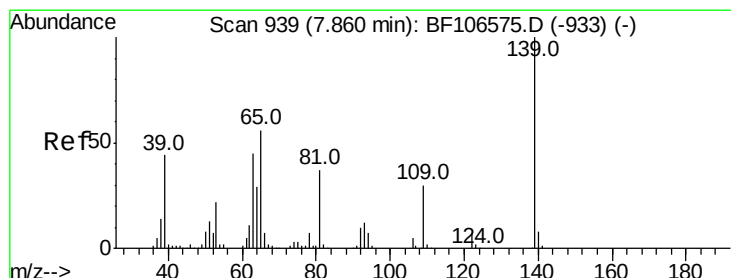
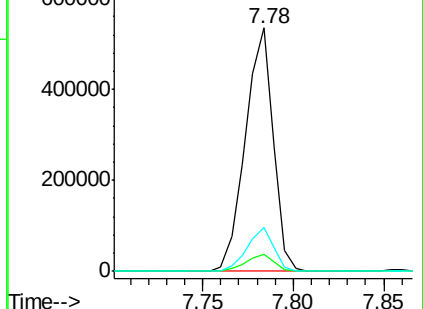
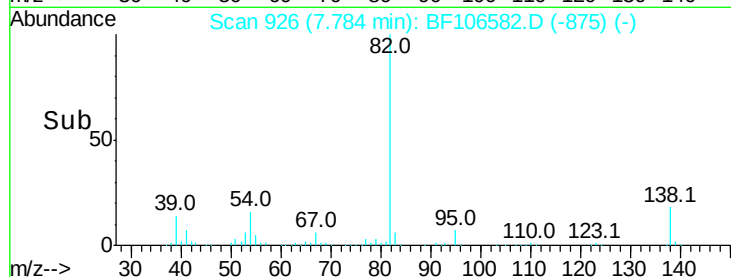
138 17.9 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.212 ng

RT: 7.86 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

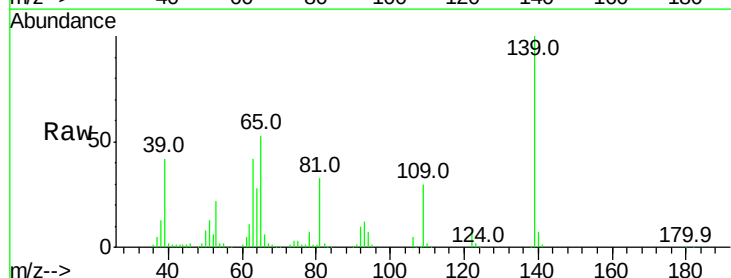
Tgt Ion:139 Resp: 153653

Ion Ratio Lower Upper

139 100

109 29.9 22.7 34.1

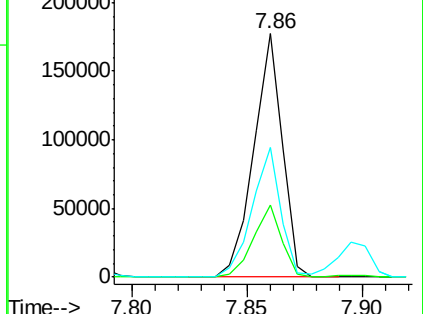
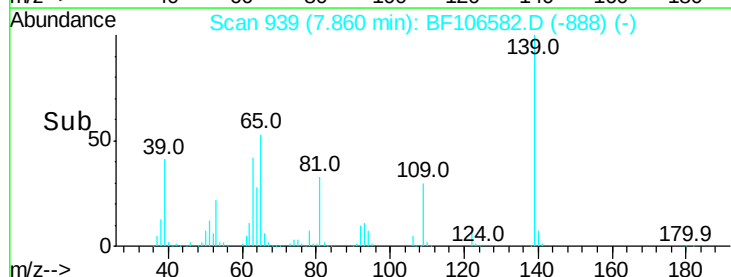
65 53.3 40.5 60.7

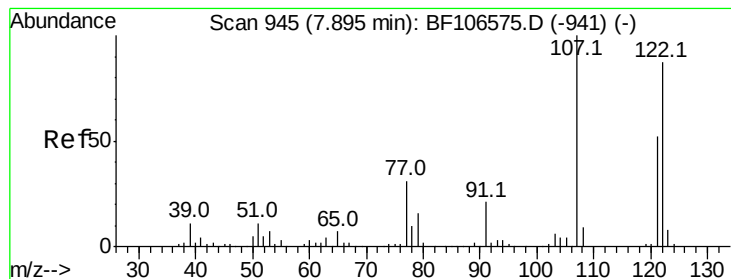


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 49.425 ng

RT: 7.90 min Scan# 945

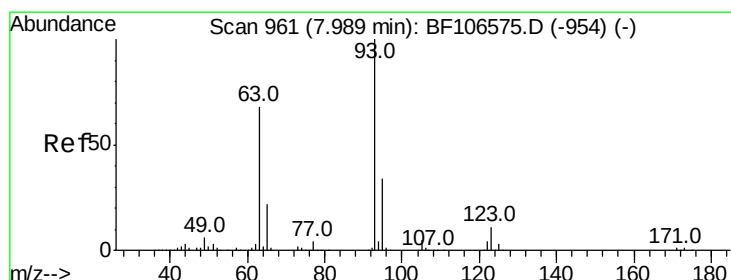
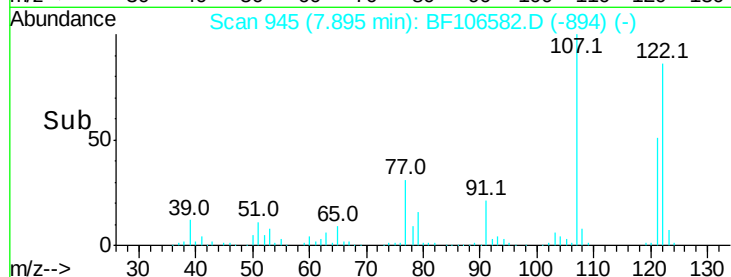
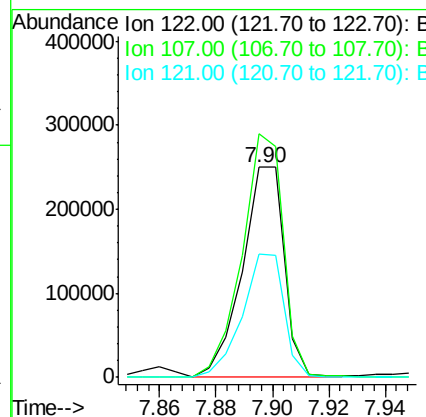
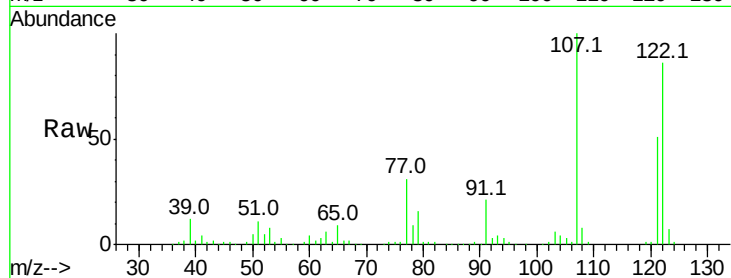
Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	122	Resp:	259627
Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.2	136.8
121	58.5	47.2	70.8



#28

bis(2-Chloroethoxy)methane

Concen: 43.412 ng

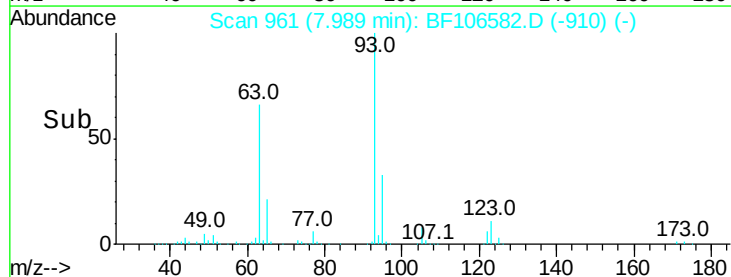
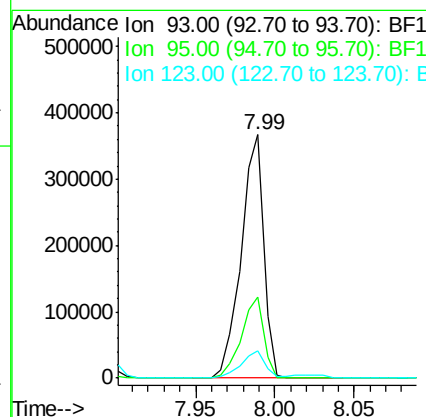
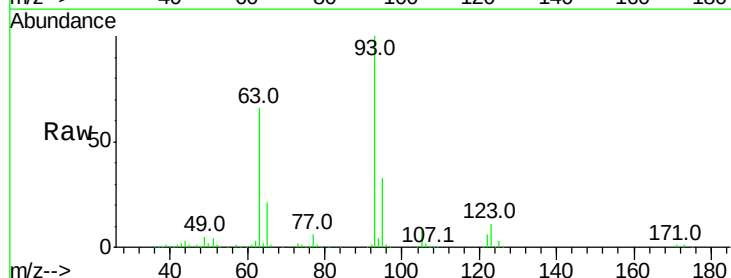
RT: 7.99 min Scan# 961

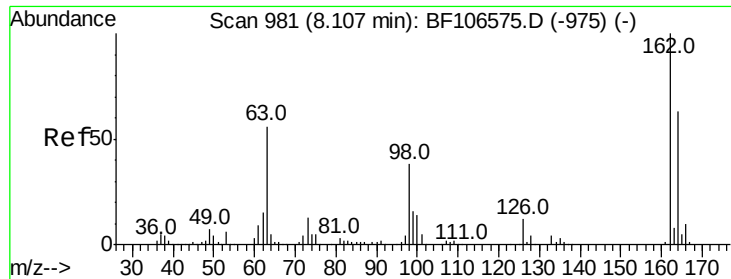
Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Tgt Ion:	93	Resp:	362181
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.0	9.8	14.6

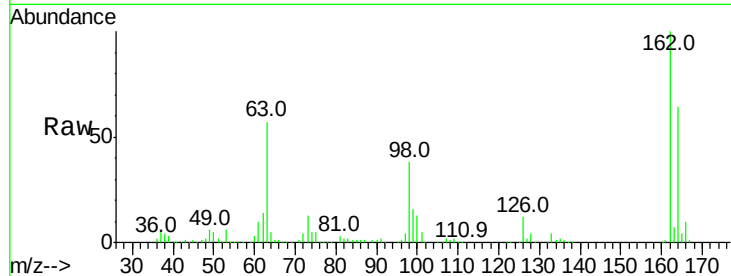




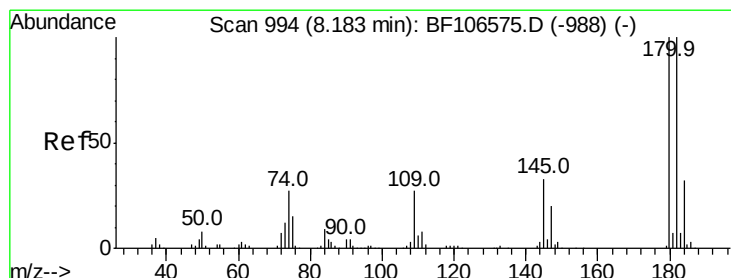
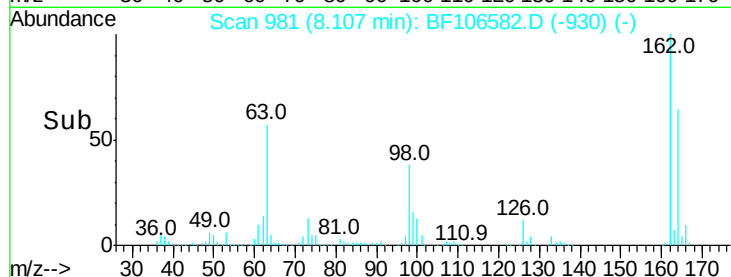
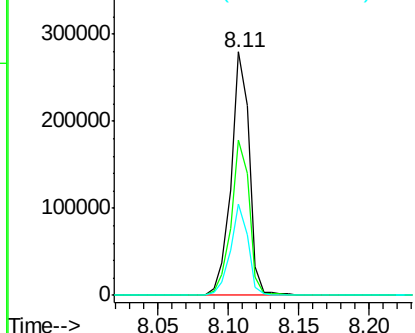
#29
 2,4-Dichlorophenol
 Concen: 45.605 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	37.6	18.1	58.1

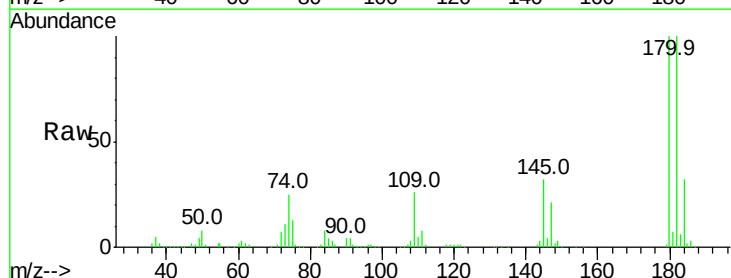


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

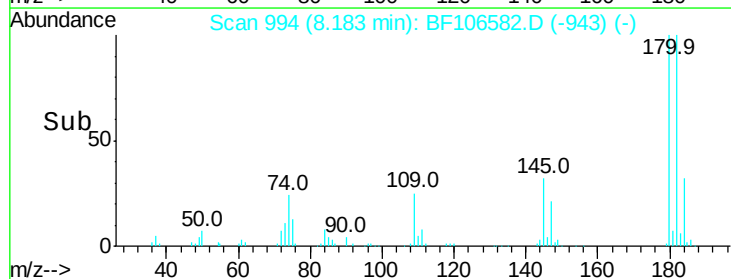
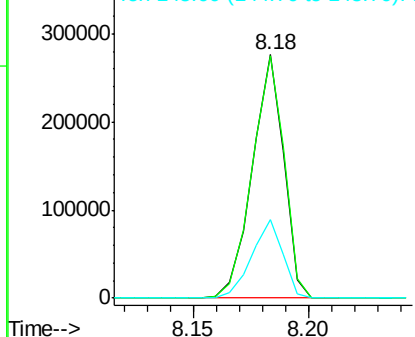


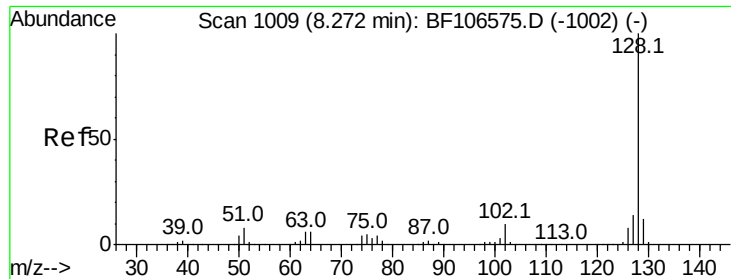
#30
 1,2,4-Trichlorobenzene
 Concen: 43.263 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	32.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

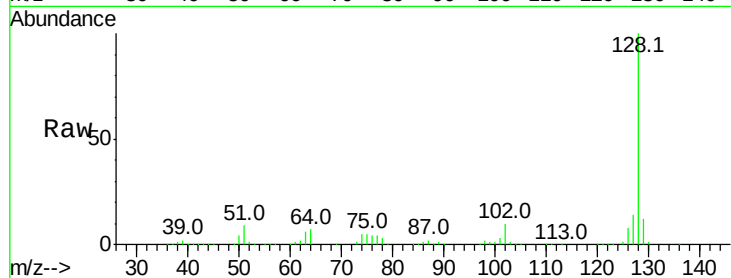




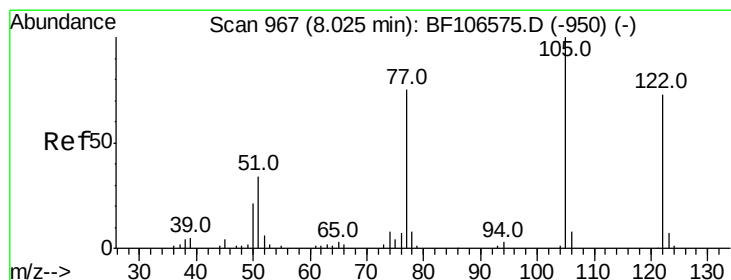
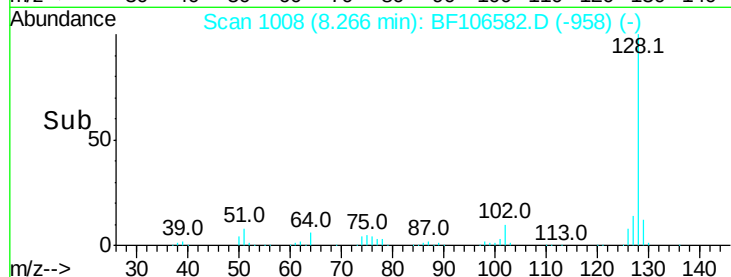
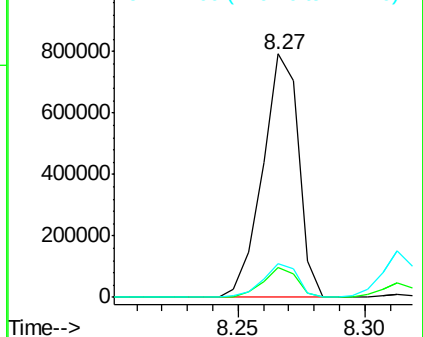
#31
Naphthalene
Concen: 42.993 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 787678
Ion Ratio Lower Upper
128 100
129 12.2 8.8 13.2
127 13.9 10.9 16.3

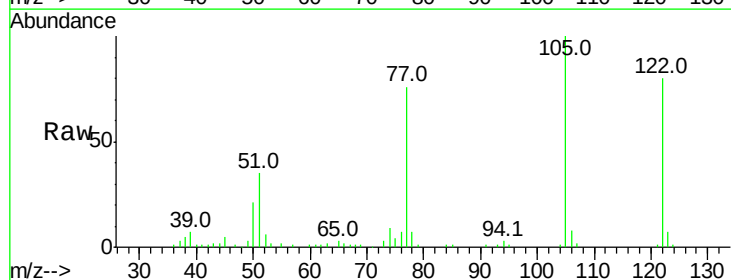


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

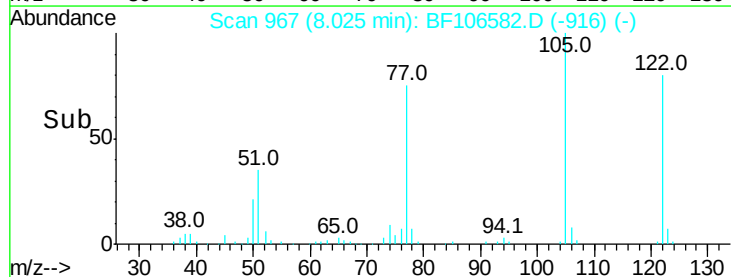
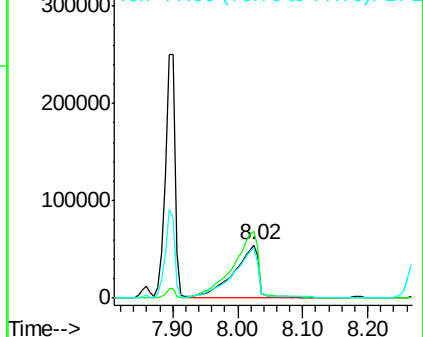


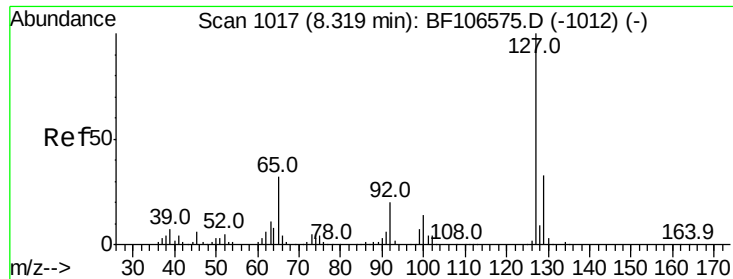
#32
Benzoic acid
Concen: 39.292 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion:122 Resp: 145619
Ion Ratio Lower Upper
122 100
105 125.6 101.1 141.1
77 95.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

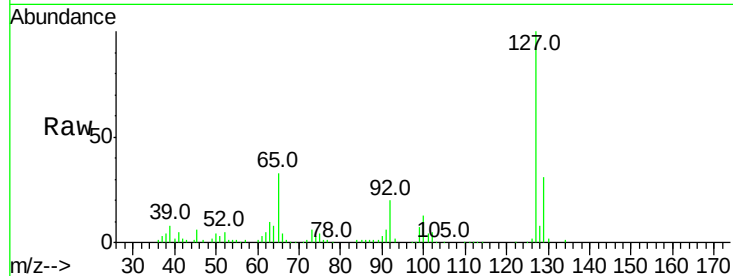




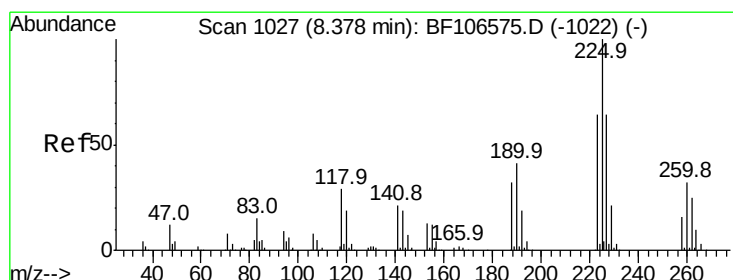
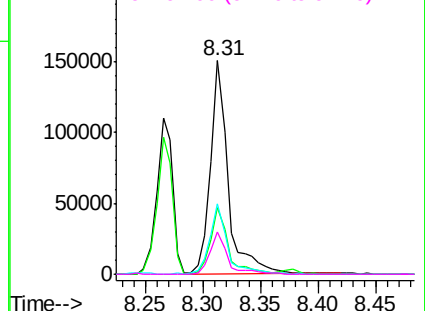
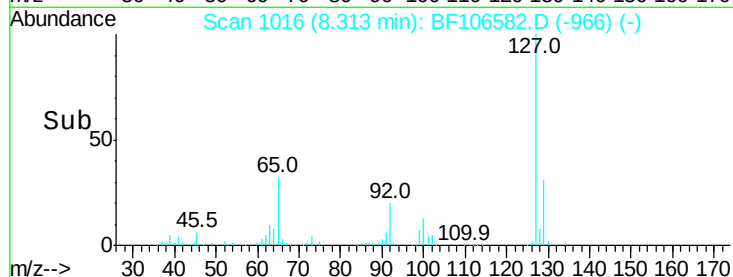
#33
4-Chloroaniline
Concen: 20.941 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	160982
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	33.2	25.0	37.4
92	19.5	15.2	22.8

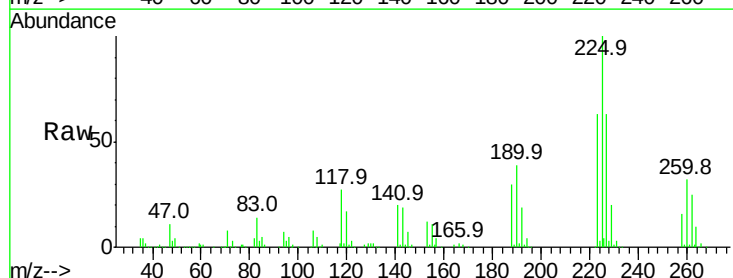


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

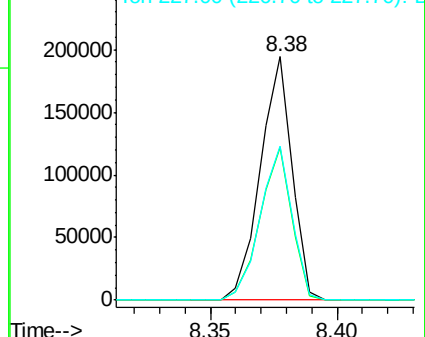
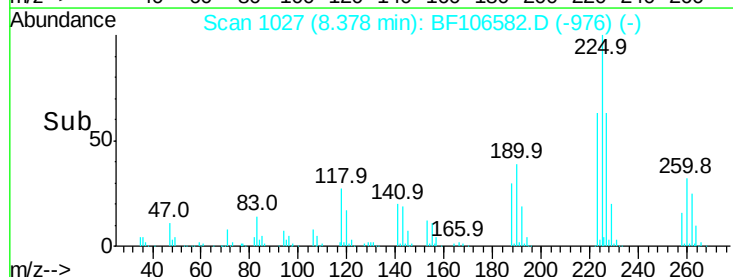


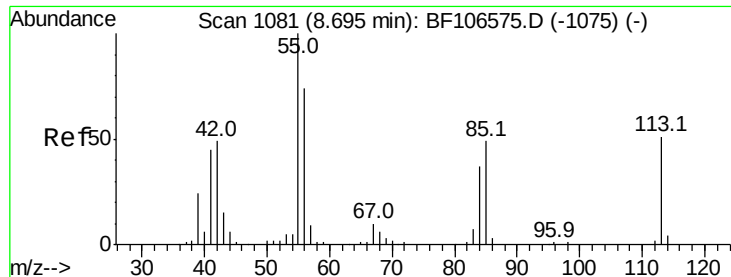
#34
Hexachlorobutadiene
Concen: 43.070 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion:	225	Resp:	170023
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.1	51.9	77.9



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





#35

Caprolactam

Concen: 41.971 ng

RT: 8.70 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

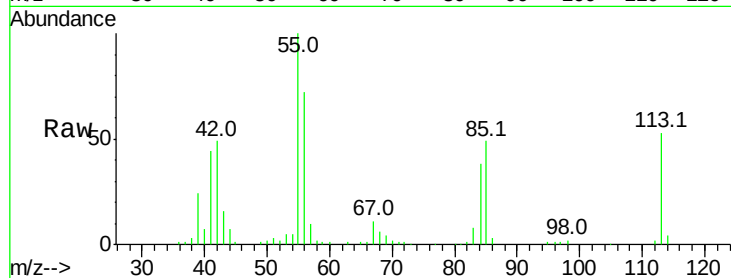
Tot Ion:113 Resp: 75240

Ion Ratio Lower Upper

113 100

55 188.9 163.3 203.3

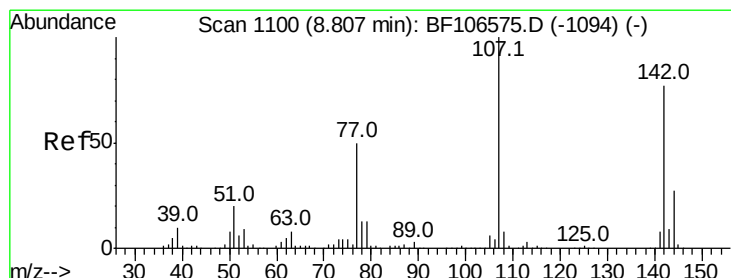
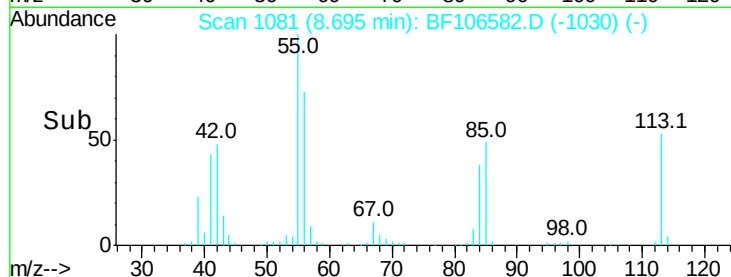
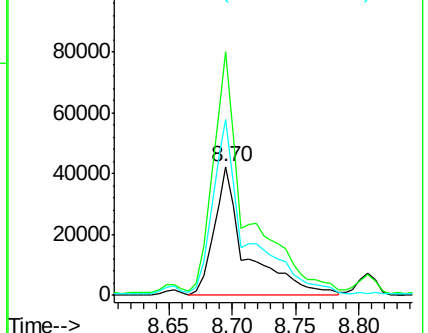
56 136.1 115.7 155.7



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: 45.380 ng

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

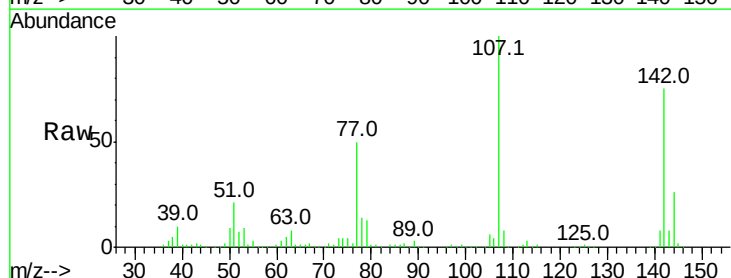
Tgt Ion:107 Resp: 262683

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

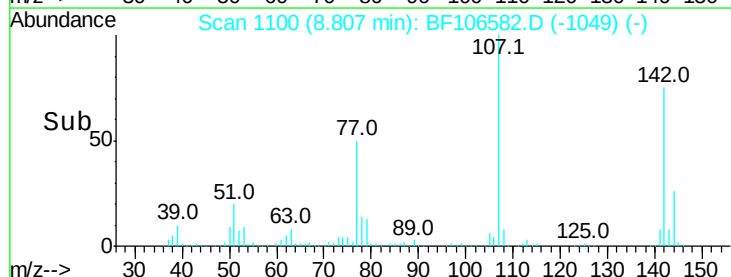
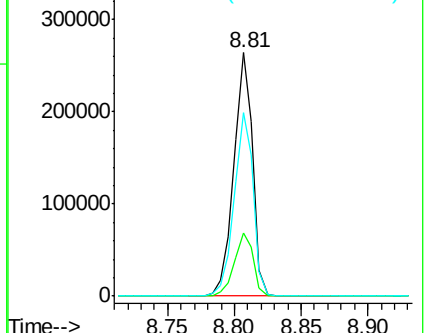
142 75.1 62.0 93.0

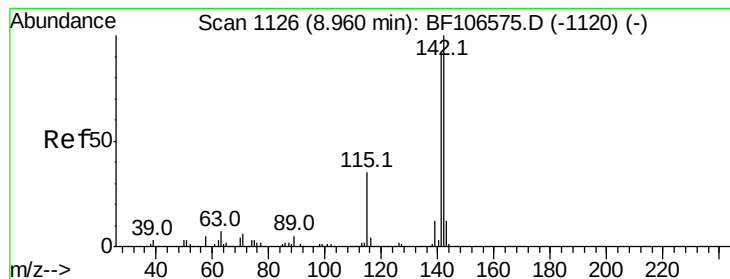


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.931 ng

RT: 8.96 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

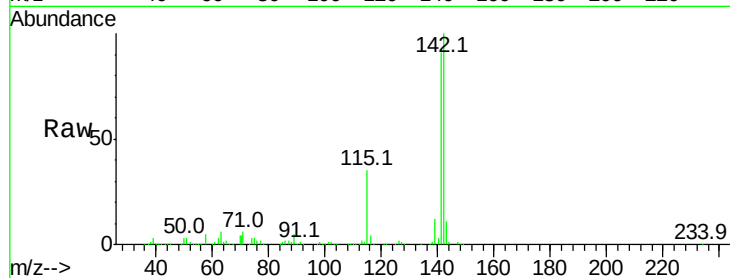
Tot Ion:142 Resp: 545631

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

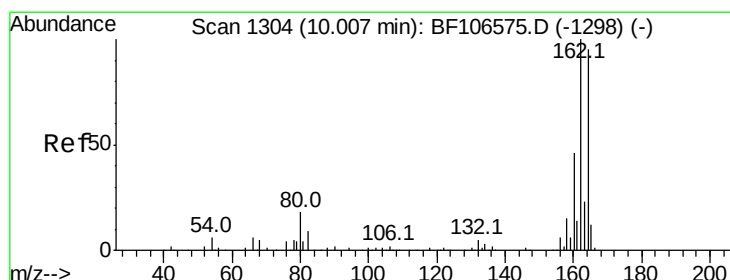
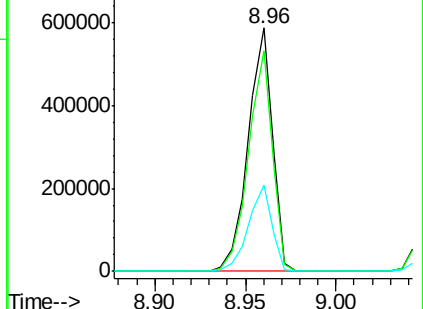
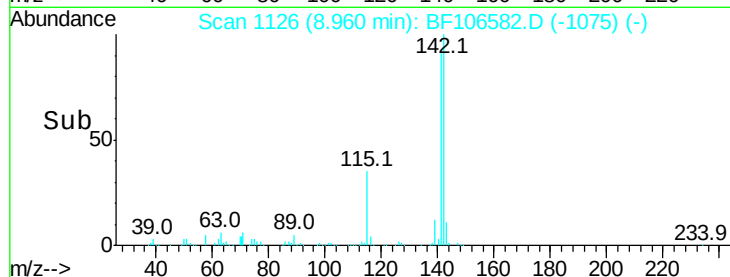
115 35.4 26.1 39.1



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: BF106582.D

Acq: 19 Jun 2018 15:19

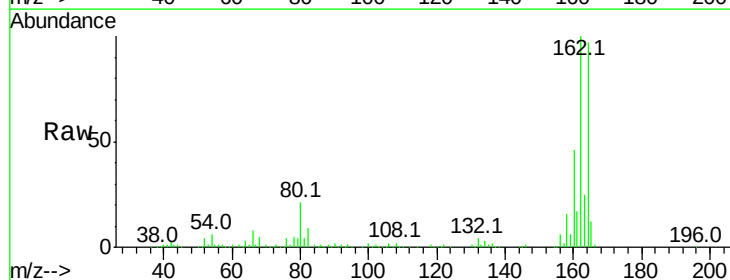
Tgt Ion:164 Resp: 188932

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

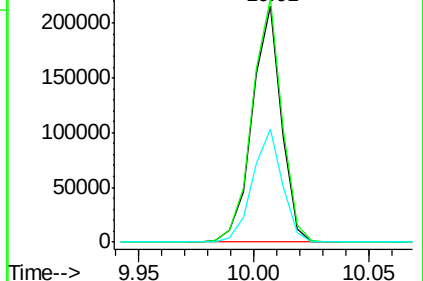
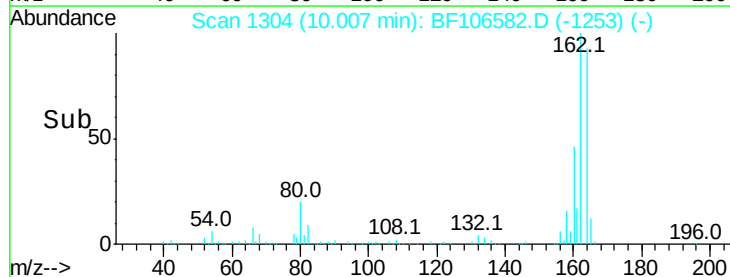
160 47.8 38.3 57.5

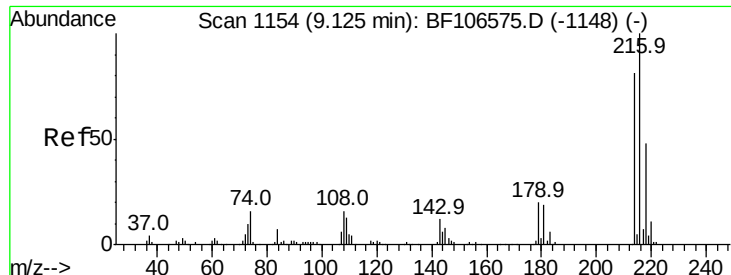


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

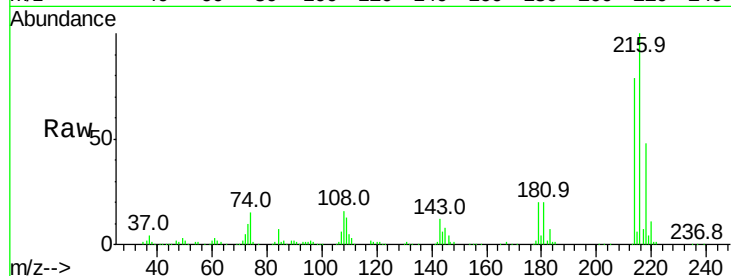




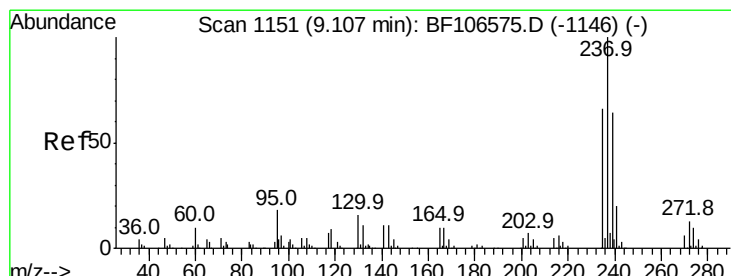
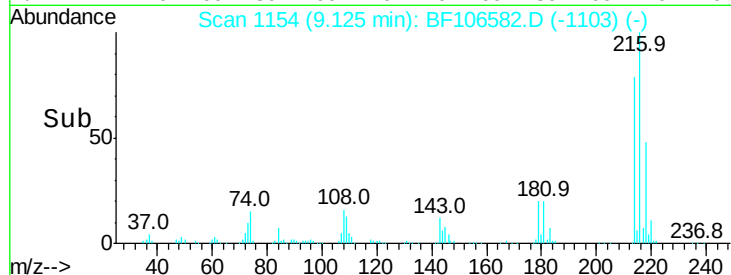
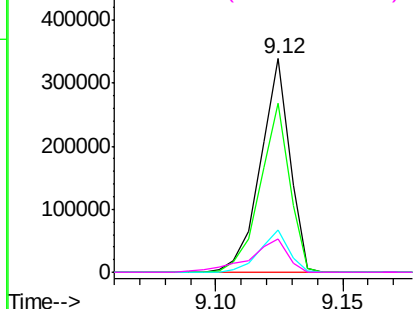
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.151 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	274551
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	19.6	18.1	27.1
108	19.6	17.2	25.8

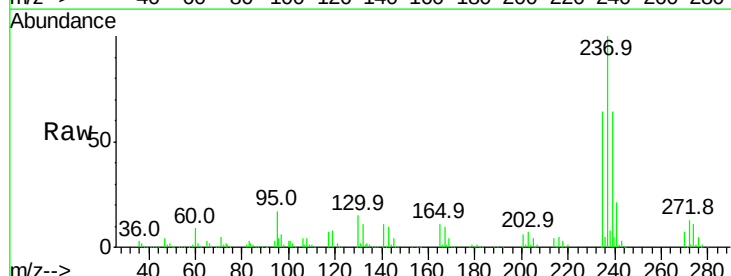


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

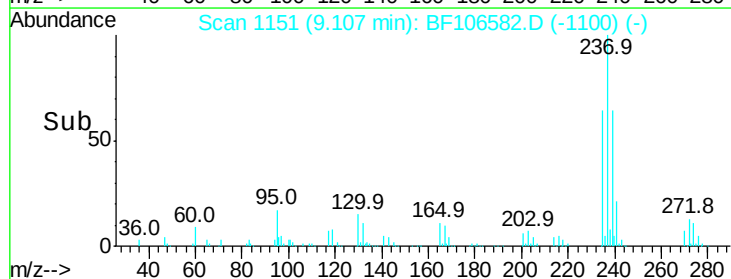
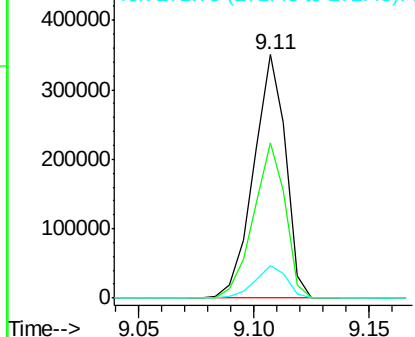


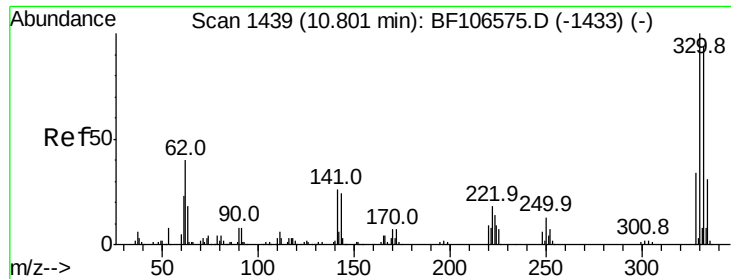
#40
 Hexachlorocyclopentadiene
 Concen: 103.351 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion:	237	Resp:	338325
Ion	Ratio	Lower	Upper
237	100		
235	64.0	44.8	84.8
272	13.1	0.0	33.3



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

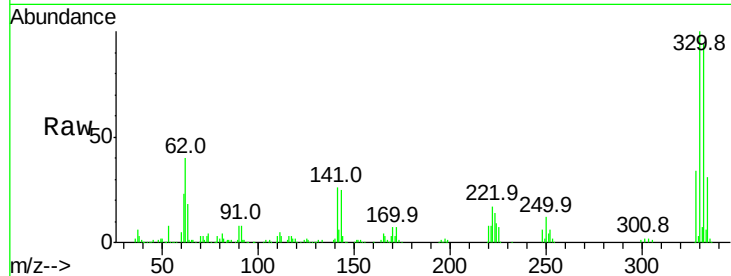




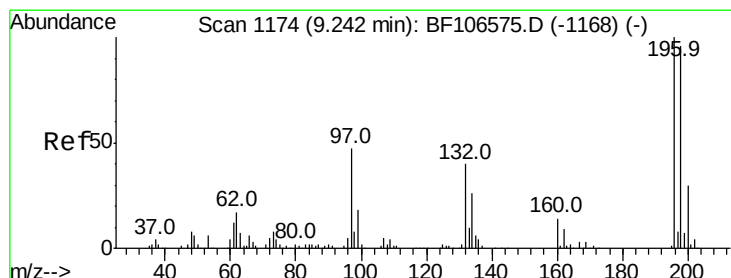
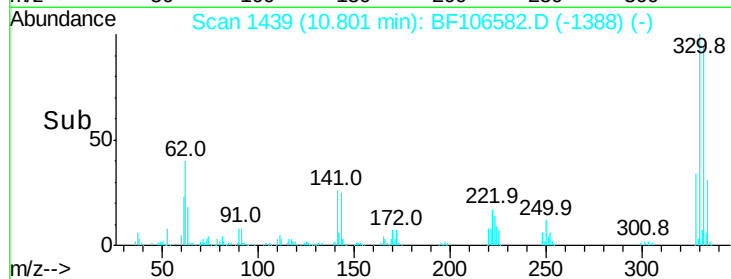
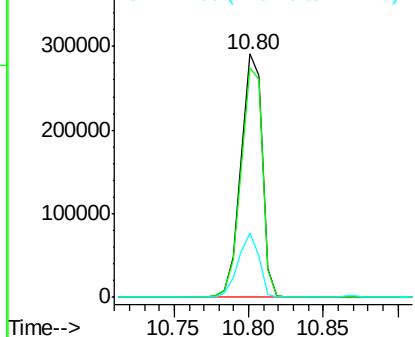
#41
 2,4,6-Tribromophenol
 Concen: 132.176 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	26.3	29.9	44.9#

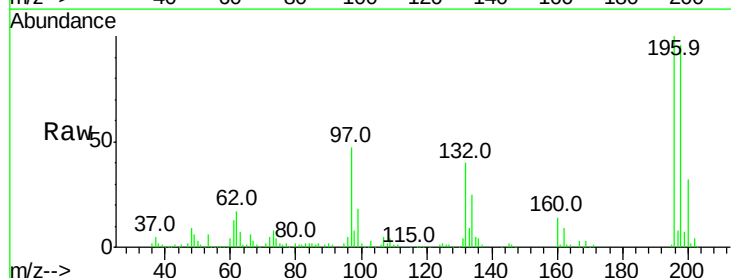


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

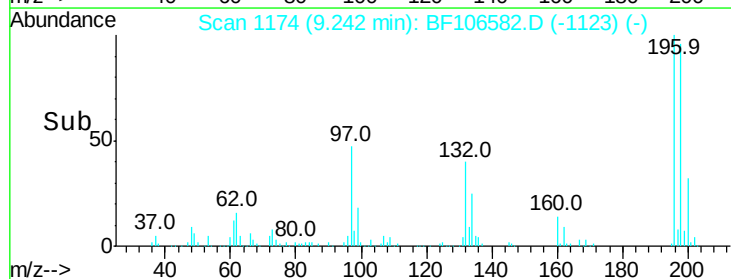
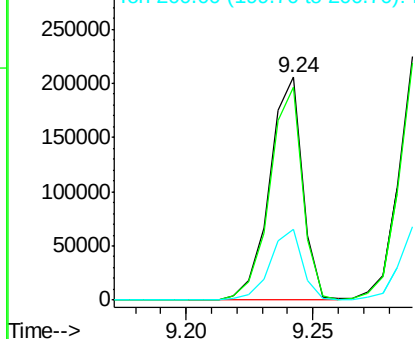


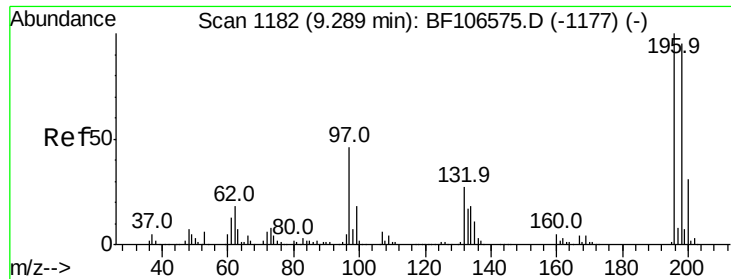
#42
 2,4,6-Trichlorophenol
 Concen: 44.565 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
200	31.6	24.5	36.7



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

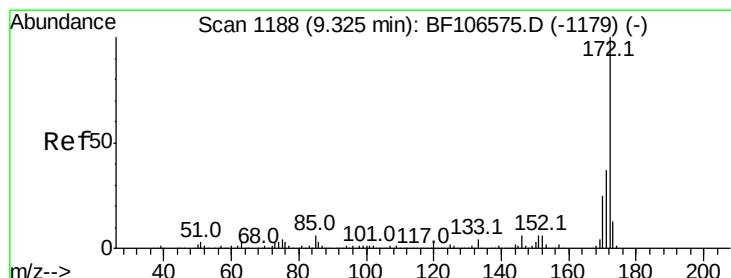
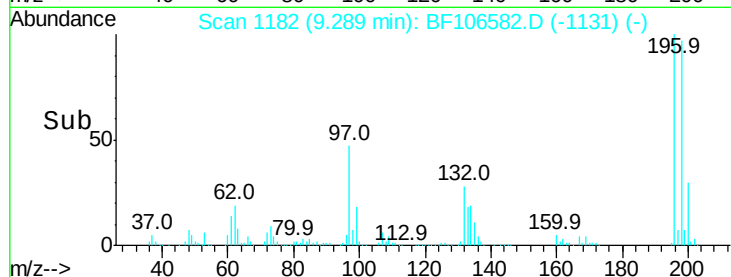
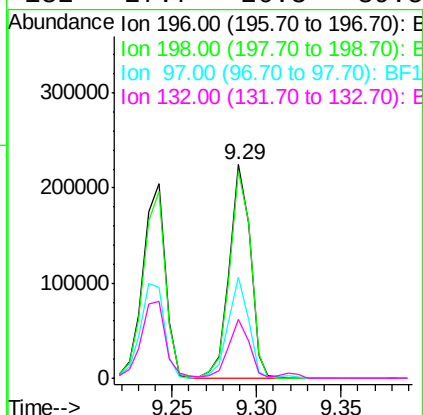
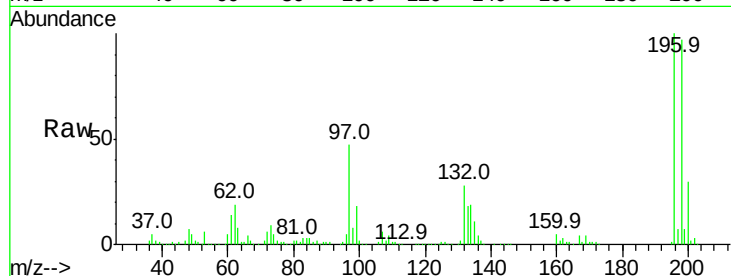




#43
 2,4,5-Trichlorophenol
 Concen: 44.053 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

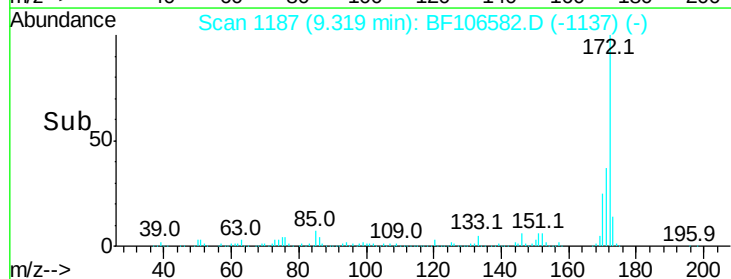
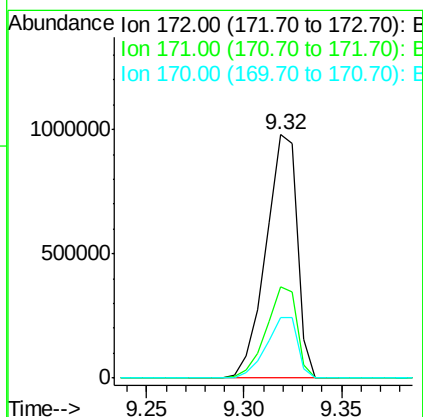
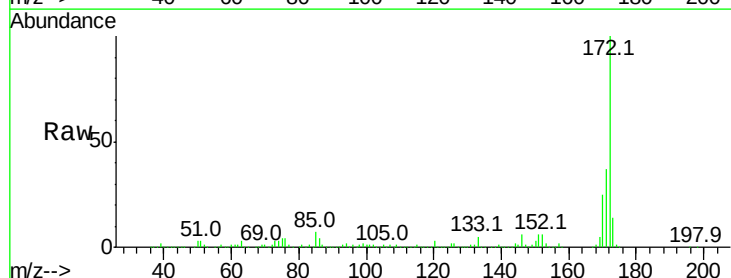
Instrument :
 BNA_F
 ClientSampleId :

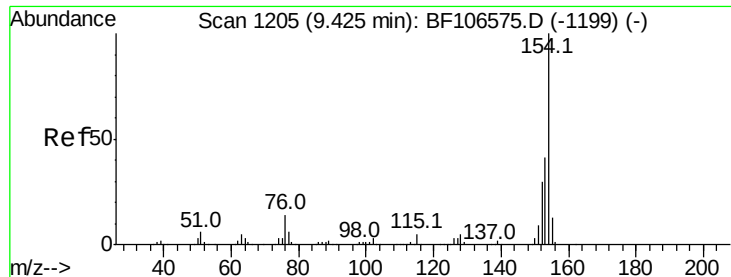
Tot Ion:	196	Resp:	194413
Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	47.3	42.9	64.3
132	27.7	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 100.301 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion:	172	Resp:	1089927
Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	25.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.552 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampled :

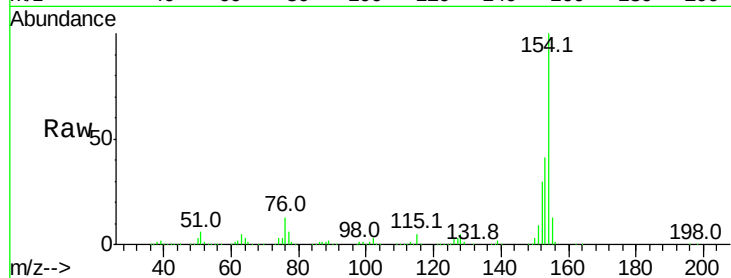
Tot Ion:154 Resp: 640708

Ion Ratio Lower Upper

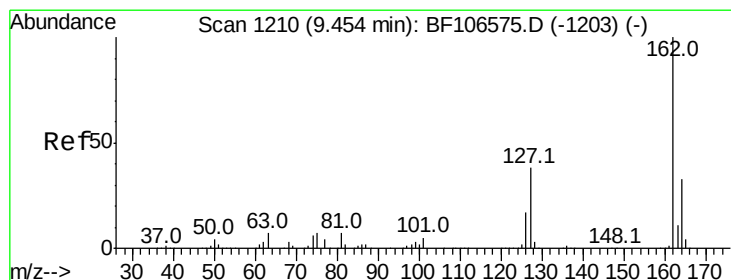
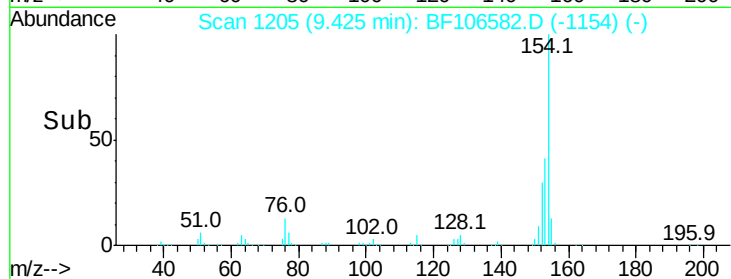
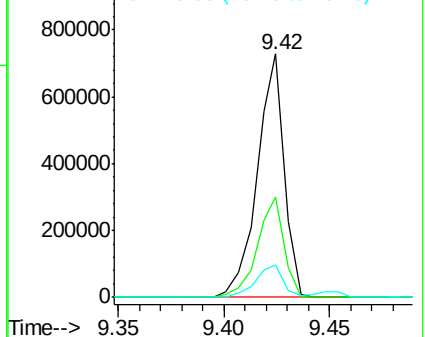
154 100

153 41.3 21.3 61.3

76 13.1 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: 43.887 ng

RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

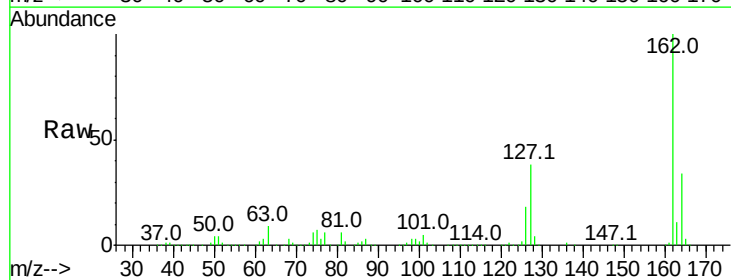
Tgt Ion:162 Resp: 520150

Ion Ratio Lower Upper

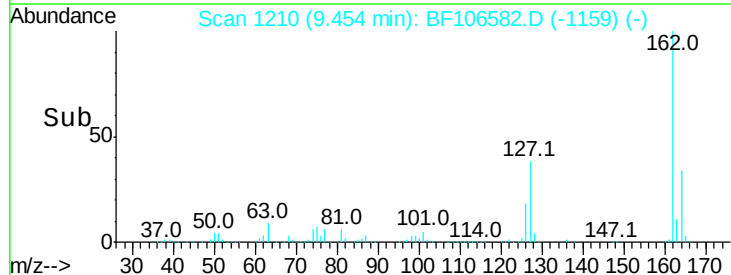
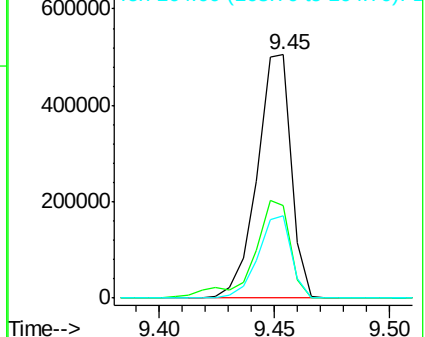
162 100

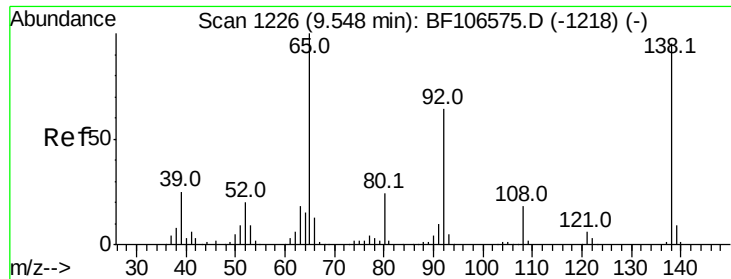
127 37.8 33.9 50.9

164 33.7 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

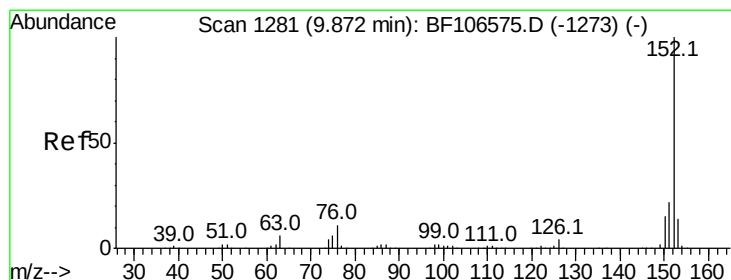
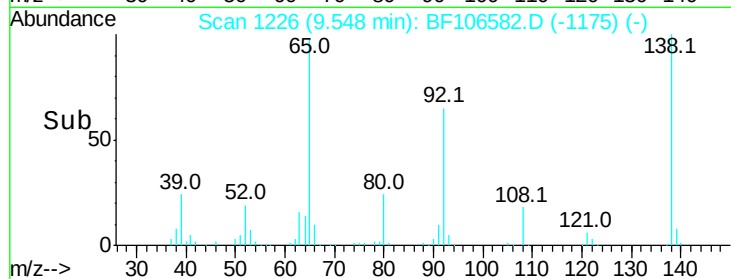
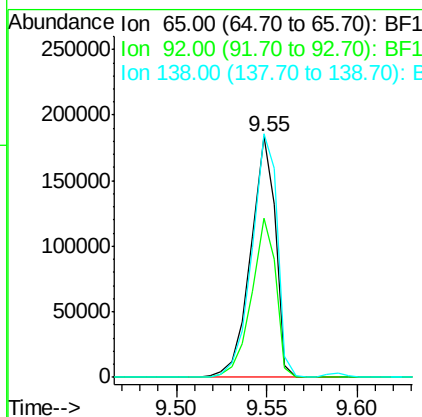
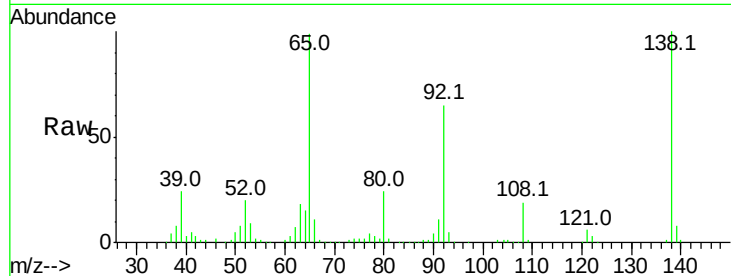




#47
2-Nitroaniline
Concen: 43.653 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

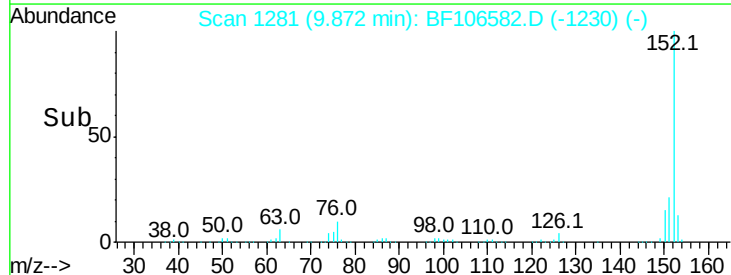
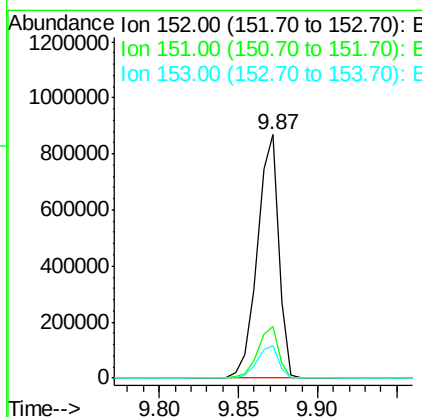
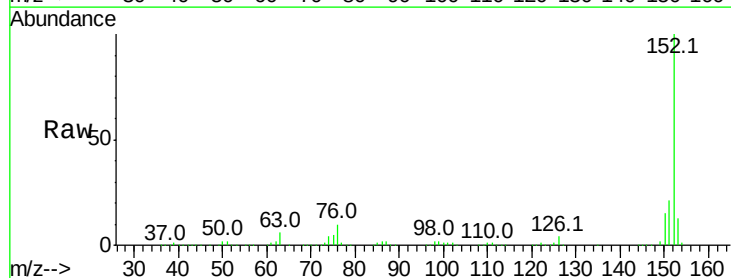
Instrument :
BNA_F
ClientSampleId :

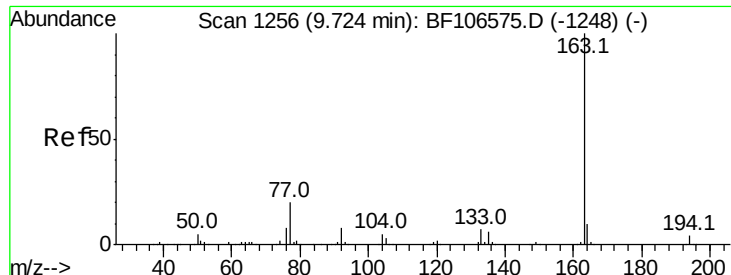
Tot Ion: 65 Resp: 173979
Ion Ratio Lower Upper
65 100
92 65.9 55.8 83.6
138 101.3 91.2 136.8



#48
Acenaphthylene
Concen: 43.766 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion: 152 Resp: 818937
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.2 10.7 16.1

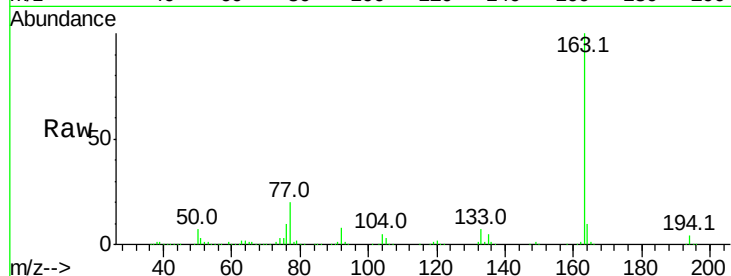




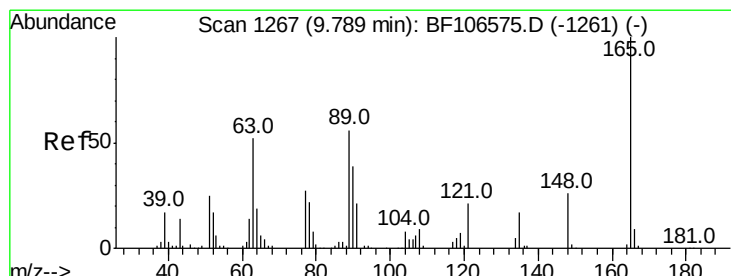
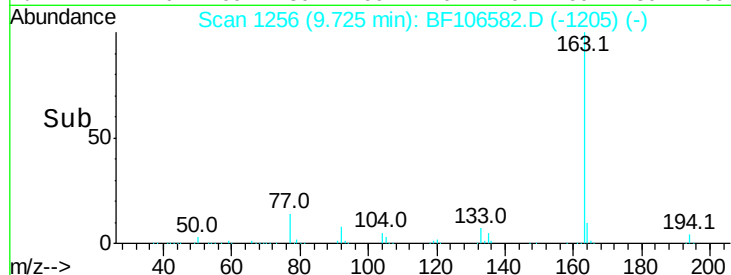
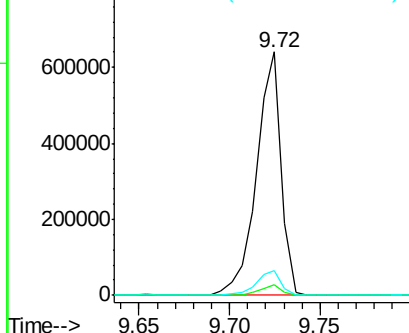
#49
Dimethylphthalate
Concen: 42.576 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 603301
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.2 8.2 12.2

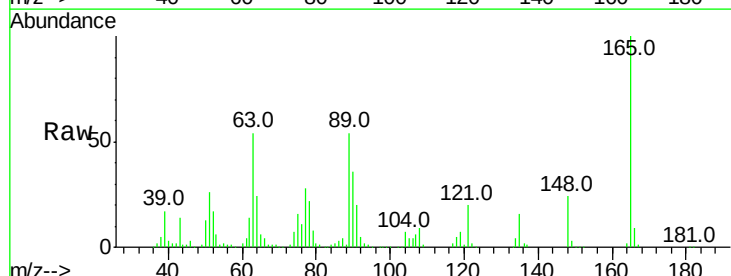


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

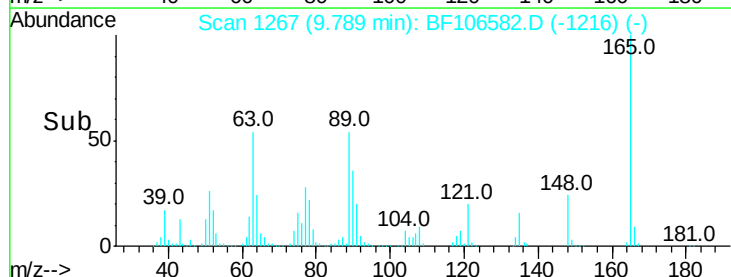
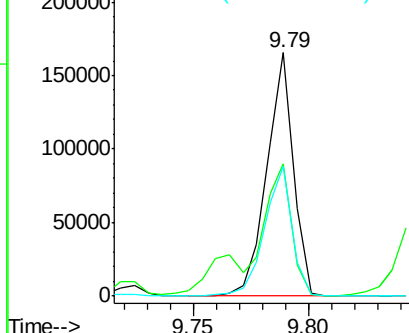


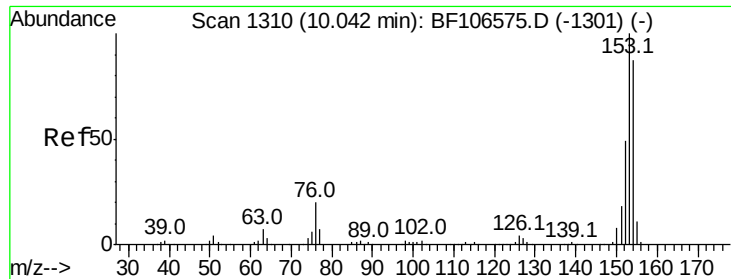
#50
2,6-Dinitrotoluene
Concen: 44.438 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion:165 Resp: 133338
Ion Ratio Lower Upper
165 100
63 54.2 44.7 67.1
89 53.5 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: 39.802 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

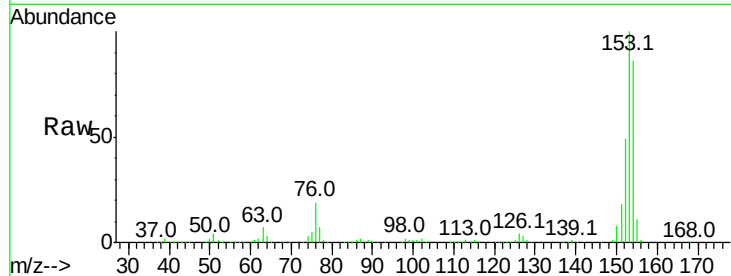
Tot Ion:154 Resp: 468992

Ion Ratio Lower Upper

154 100

153 115.8 91.2 136.8

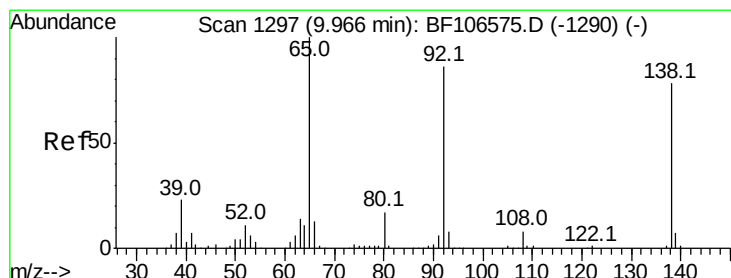
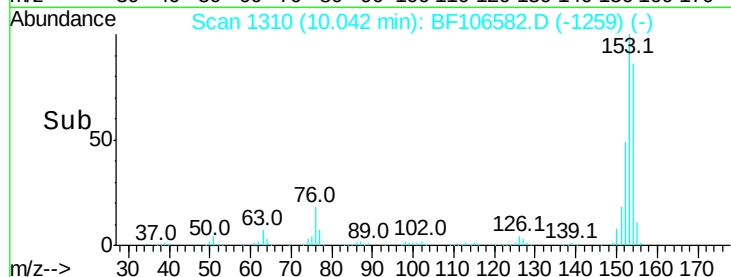
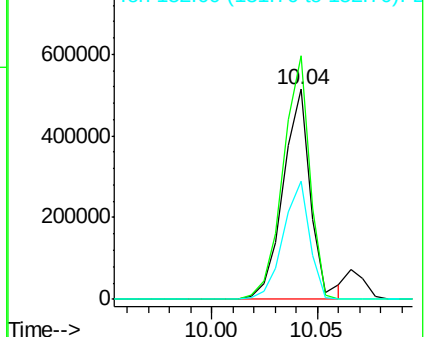
152 56.5 43.8 65.8



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: 28.764 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

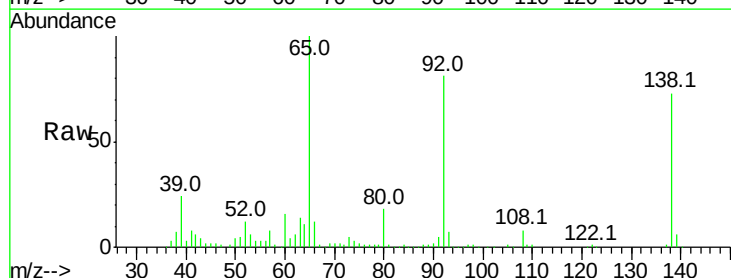
Tgt Ion:138 Resp: 99319

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

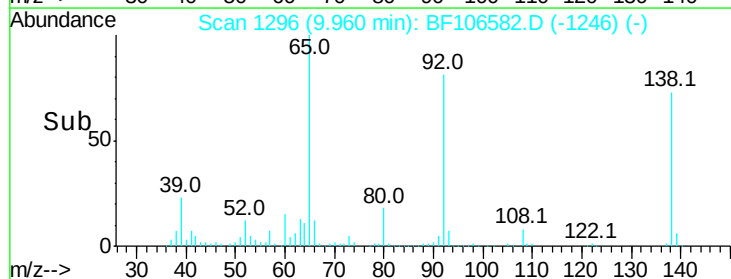
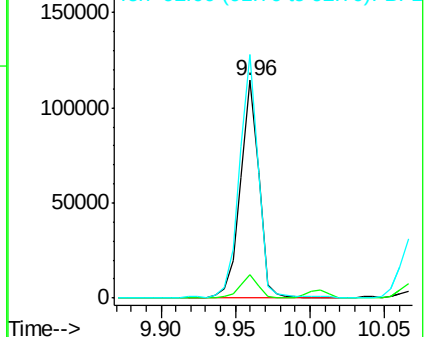
92 111.7 89.4 134.2

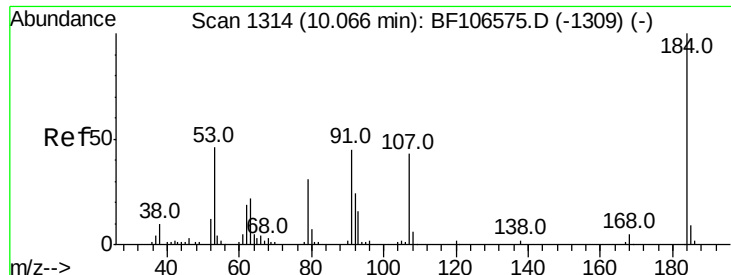


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

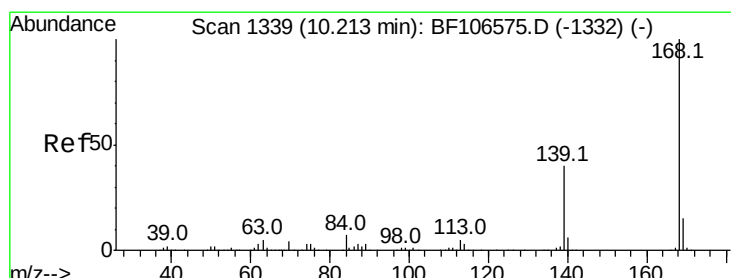
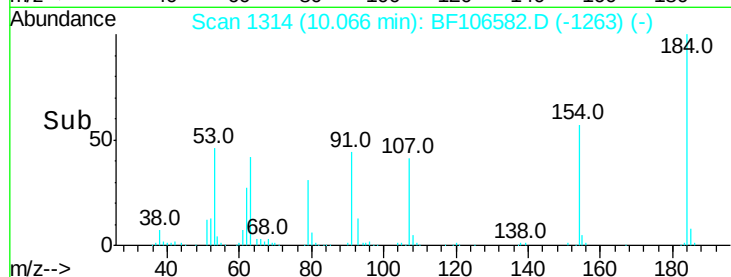
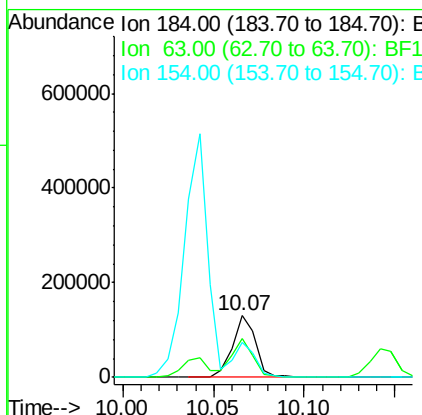
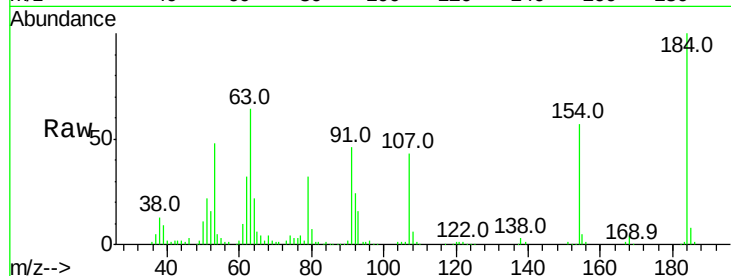




#53
 2,4-Dinitrophenol
 Concen: 75.239 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

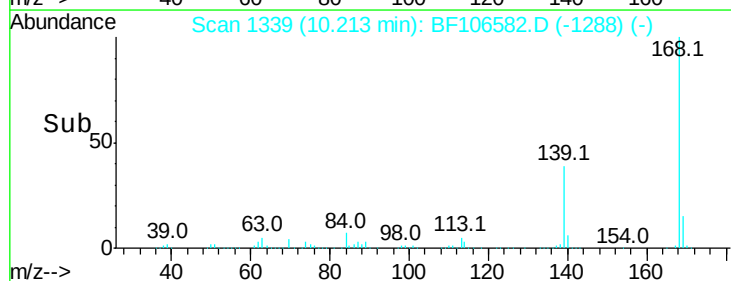
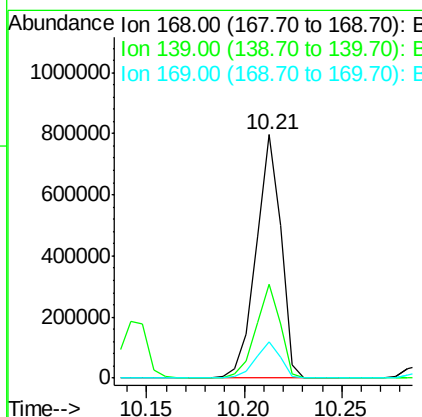
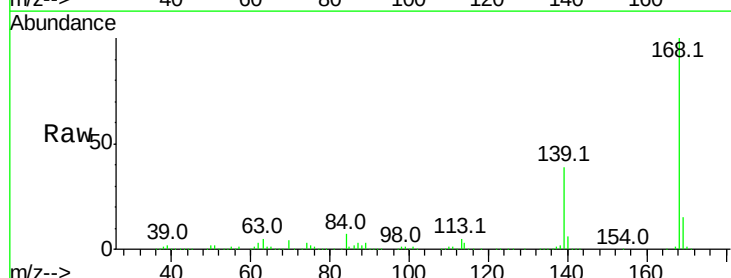
Instrument :
 BNA_F
 ClientSampleId :

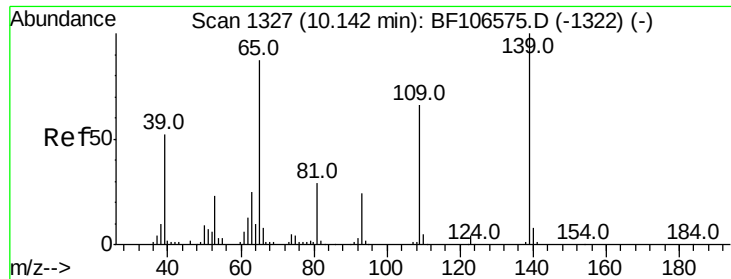
Tot Ion:184 Resp: 116847
 Ion Ratio Lower Upper
 184 100
 63 64.4 54.2 81.2
 154 56.7 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.353 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion:168 Resp: 699495
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 14.9 10.9 16.3

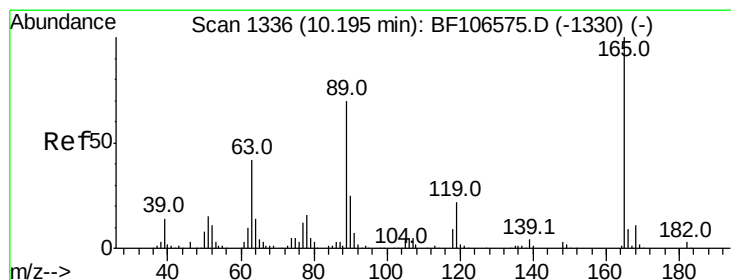
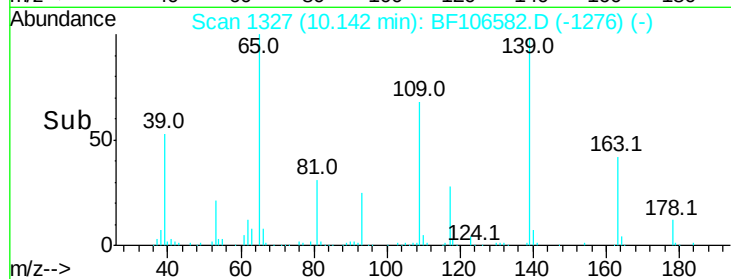
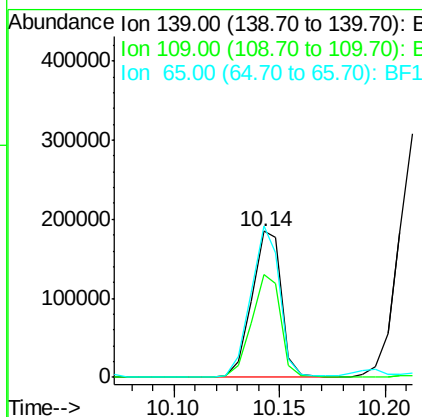
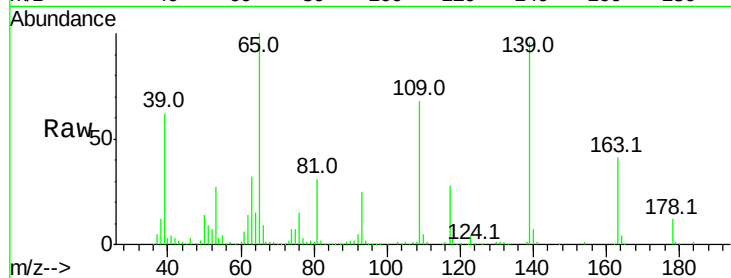




#55
4-Nitrophenol
Concen: 74.957 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

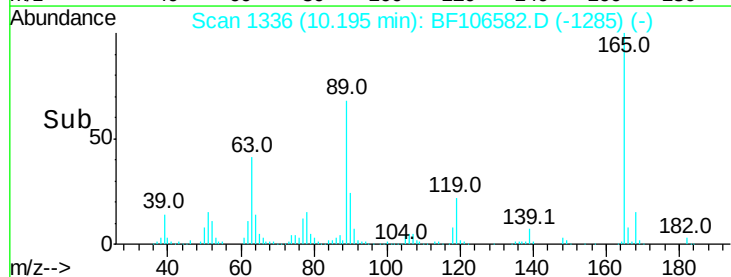
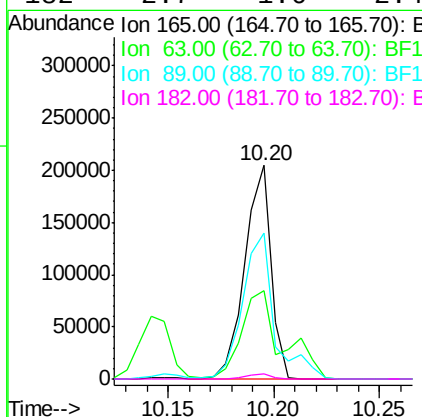
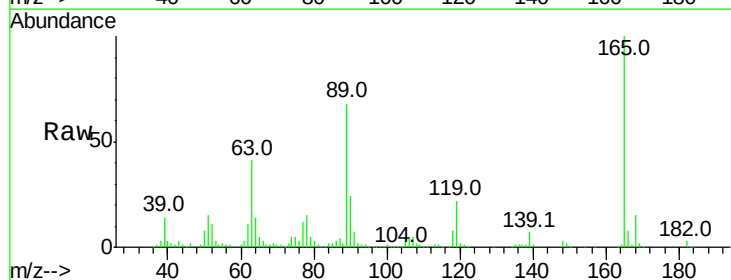
Instrument :
BNA_F
ClientSampleId :

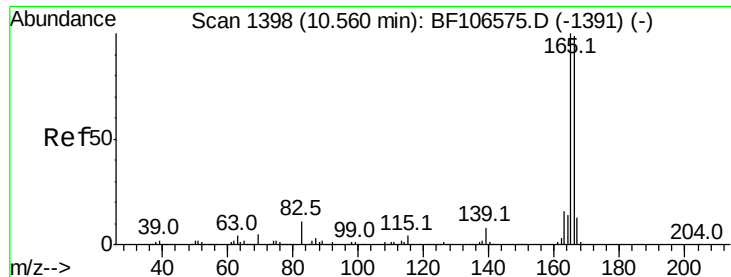
Tot Ion	Ratio	Lower	Upper
139	100		
109	70.2	48.4	88.4
65	103.9	72.6	112.6



#56
2,4-Dinitrotoluene
Concen: 45.322 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.4	36.4	54.6
89	68.2	57.8	86.6
182	2.7	1.6	2.4#

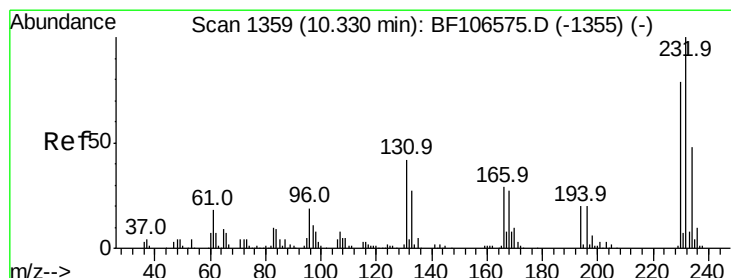
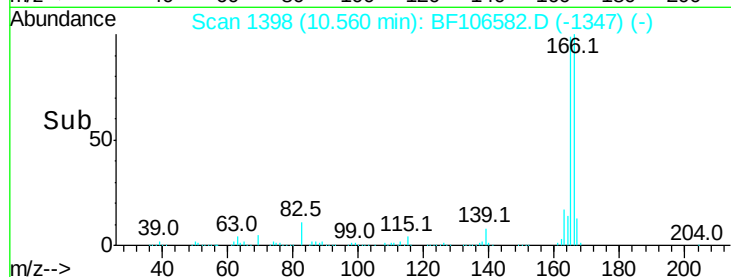
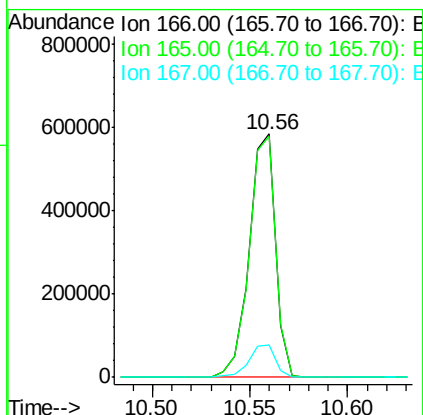
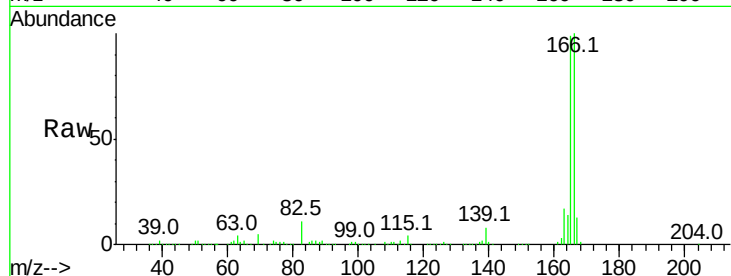




#57
 Fluorene
 Concen: 42.481 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

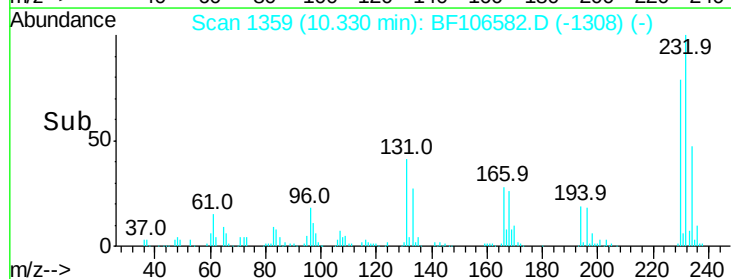
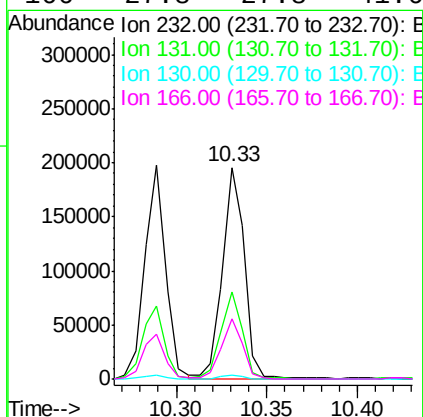
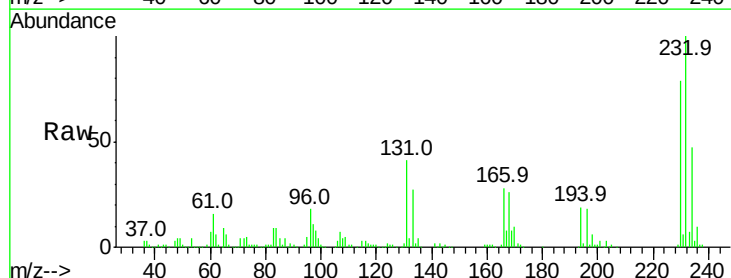
Instrument :
 BNA_F
 ClientSampleId :

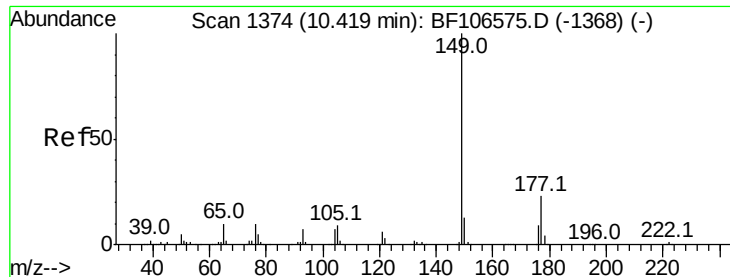
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.931 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.0	43.8	65.8#
130	1.9	2.1	3.1#
166	27.8	27.8	41.6

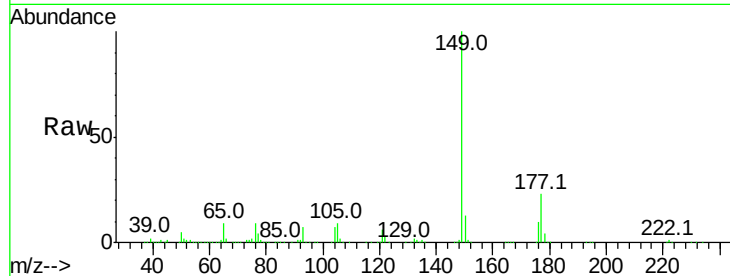




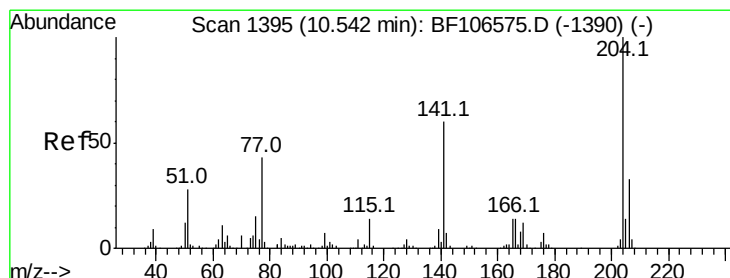
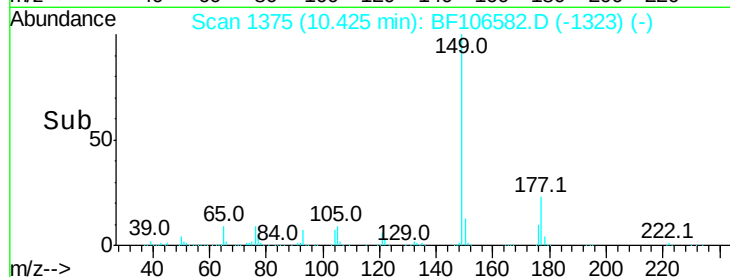
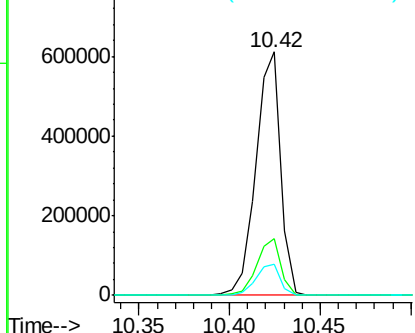
#59
Diethylphthalate
Concen: 42.408 ng
RT: 10.42 min Scan# 1375
Delta R.T. 0.01 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 579999
Ion Ratio Lower Upper
149 100
177 23.2 16.1 24.1
150 12.8 10.1 15.1

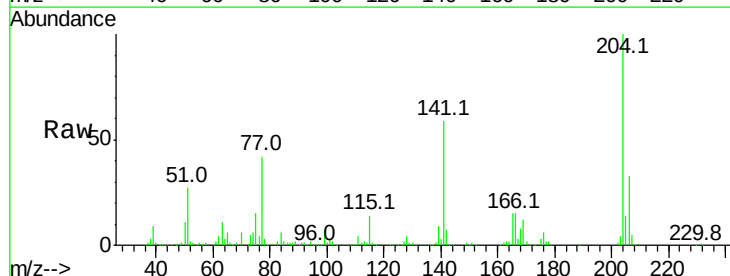


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

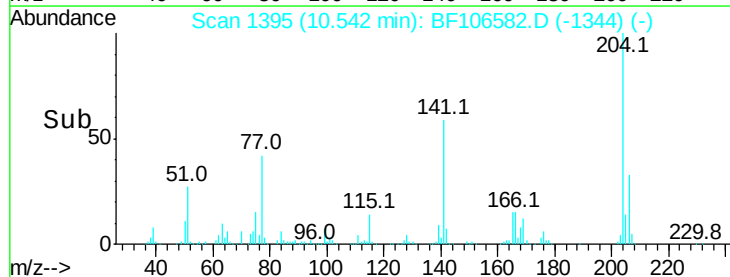
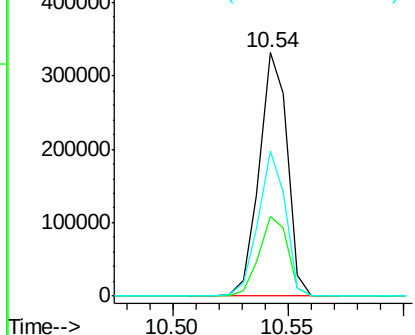


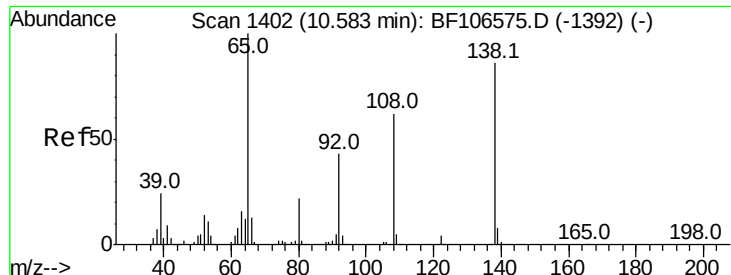
#60
4-Chlorophenyl-phenylether
Concen: 42.029 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion:204 Resp: 281556
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 59.4 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.524 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

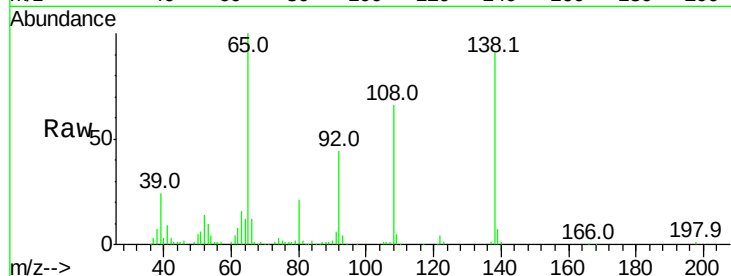
Tot Ion:138 Resp: 132014

Ion Ratio Lower Upper

138 100

92 48.6 30.2 70.2

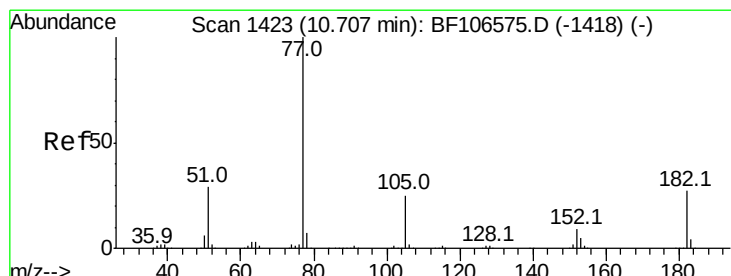
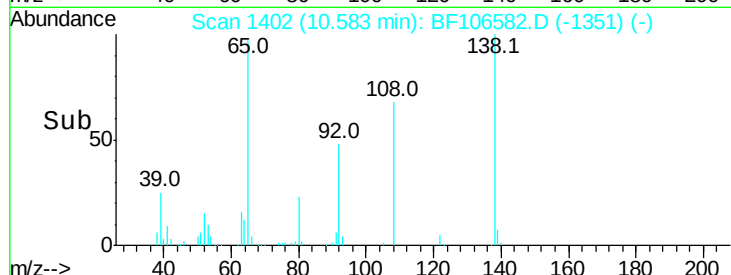
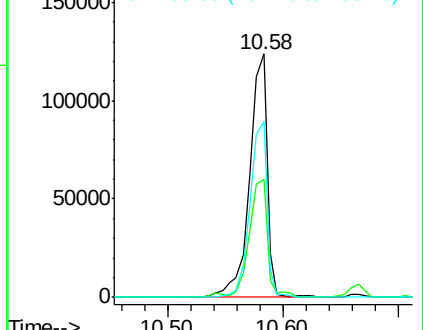
108 72.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.113 ng

RT: 10.71 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Tgt Ion: 77 Resp: 594117

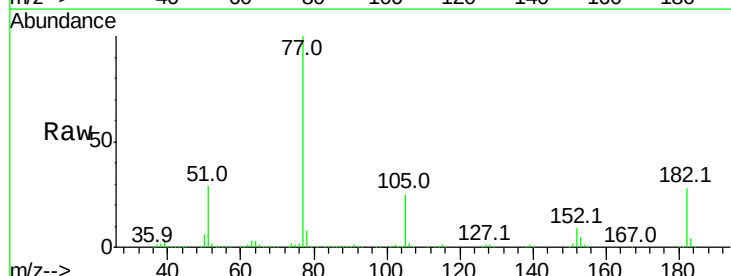
Ion Ratio Lower Upper

77 100

182 28.5 1.7 41.7

105 25.0 3.0 43.0

51 29.1 9.9 49.9

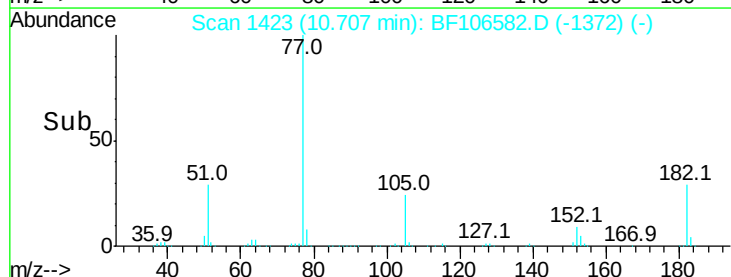
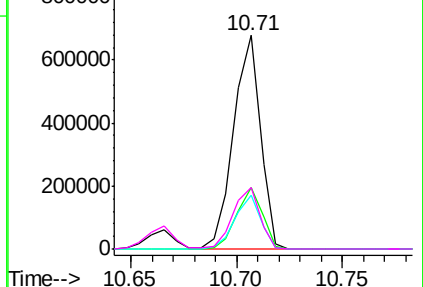


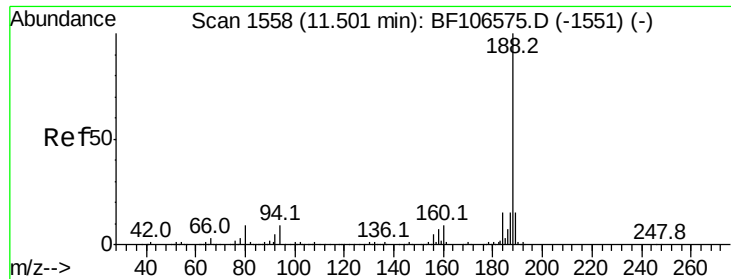
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

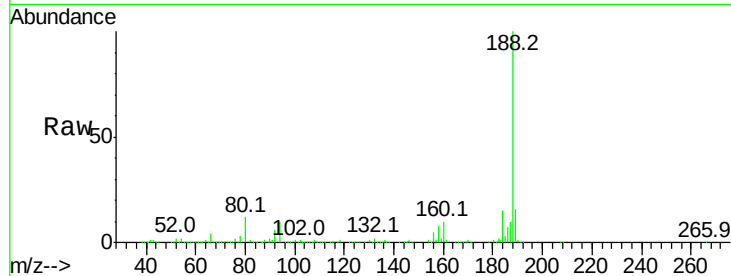
Tot Ion:188 Resp: 365877

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

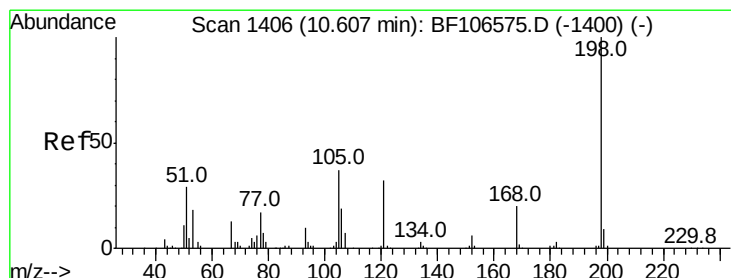
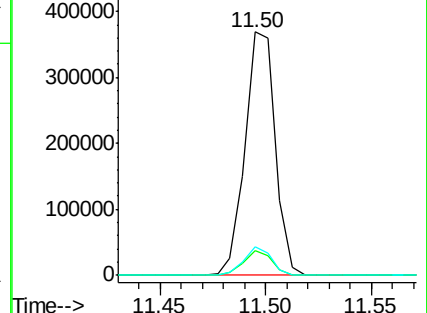
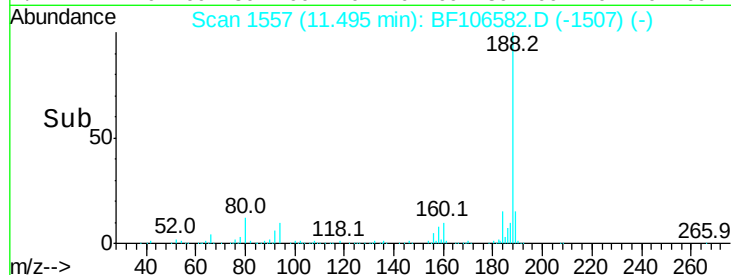
80 11.7 9.2 13.8



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: 38.553 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

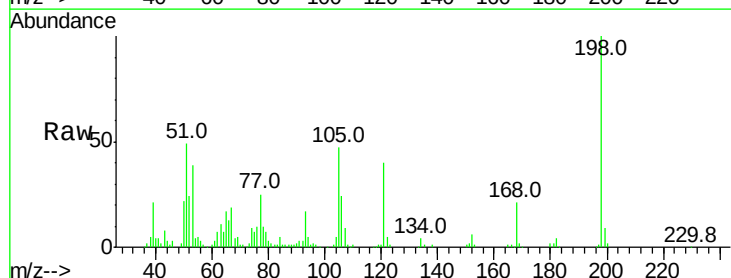
Tgt Ion:198 Resp: 87194

Ion Ratio Lower Upper

198 100

51 49.5 37.7 77.7

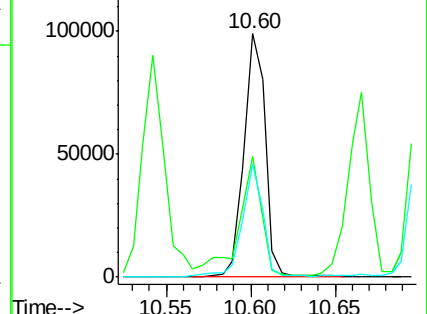
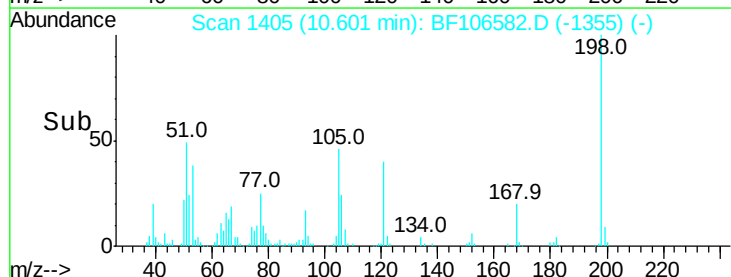
105 46.6 36.3 76.3

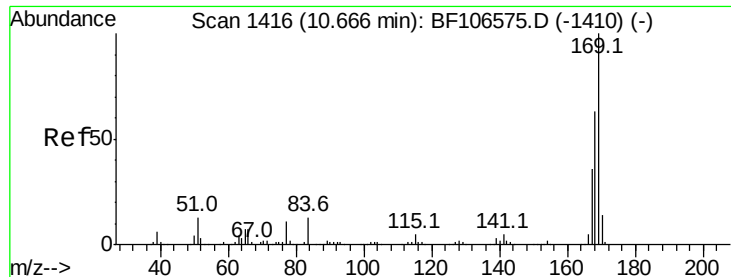


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.232 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

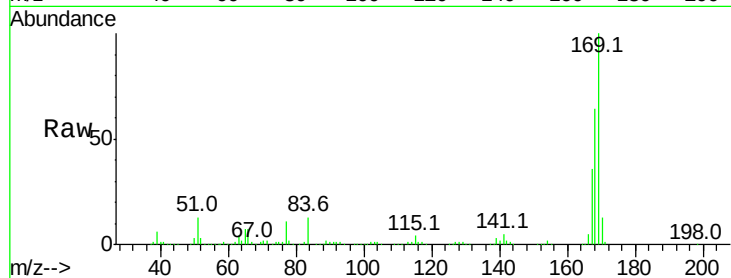
Tot Ion:169 Resp: 507422

Ion Ratio Lower Upper

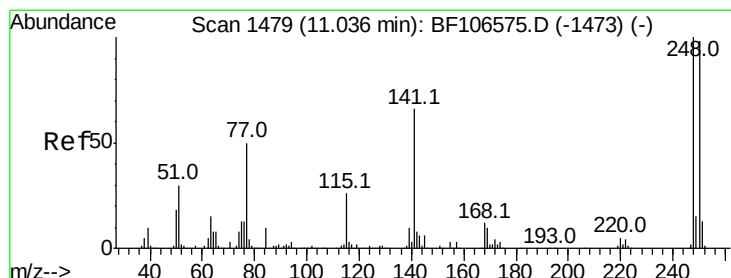
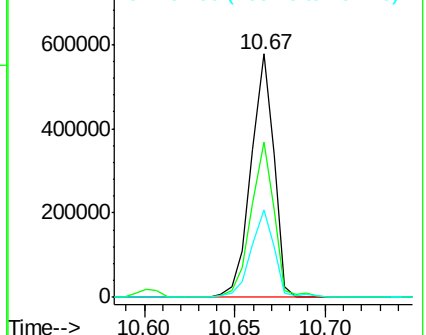
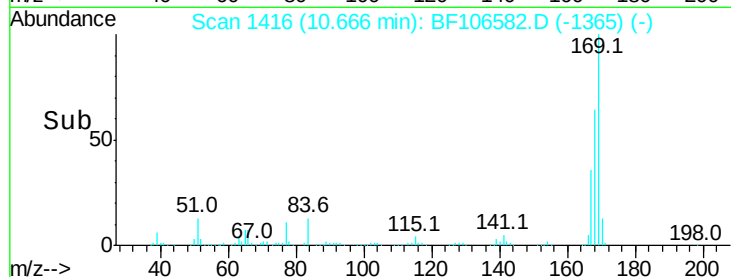
169 100

168 63.6 54.4 81.6

167 35.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.606 ng

RT: 11.04 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

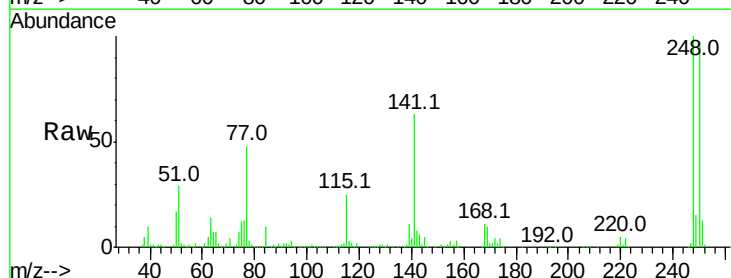
Tgt Ion:248 Resp: 194774

Ion Ratio Lower Upper

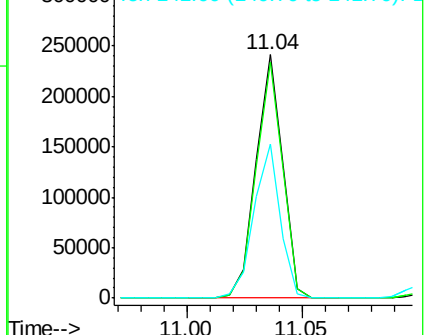
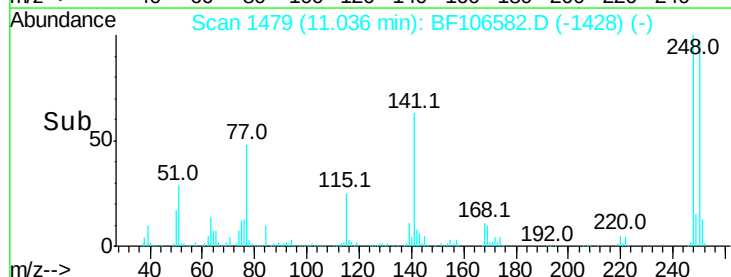
248 100

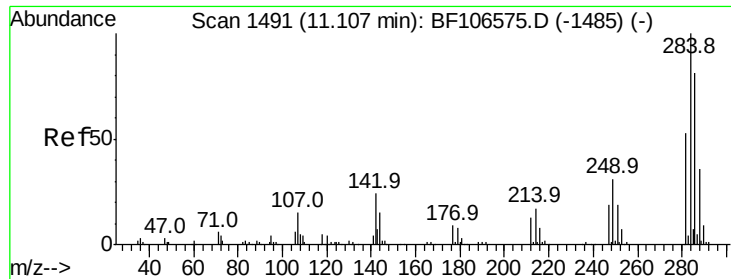
250 96.9 76.9 115.3

141 63.4 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

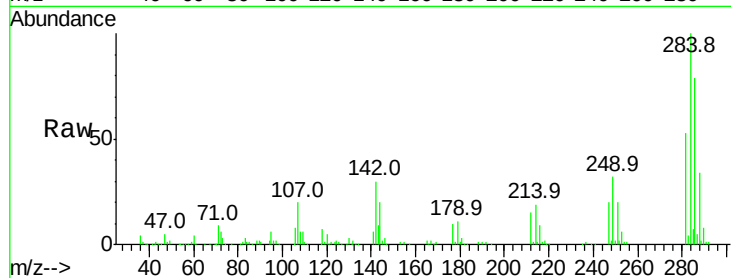




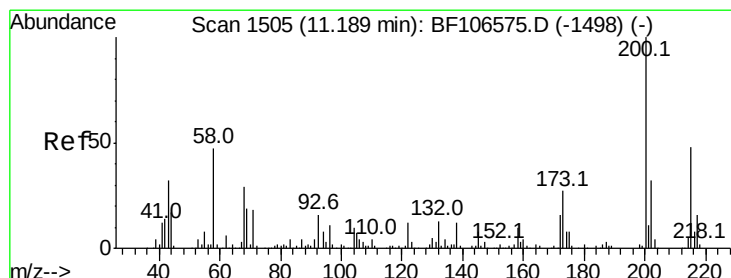
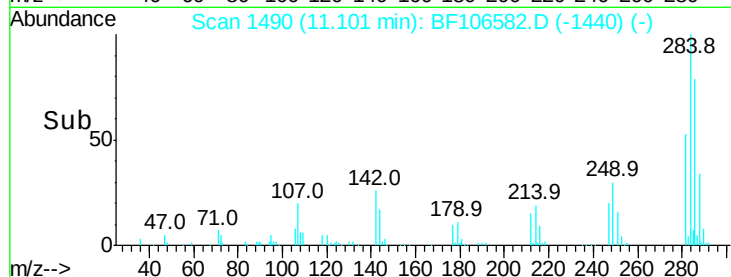
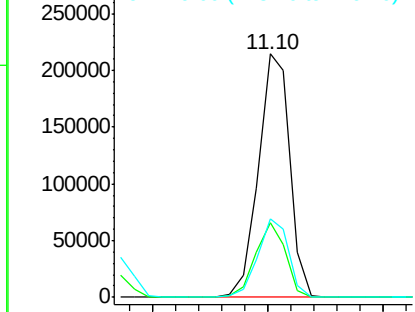
#67
Hexachlorobenzene
Concen: 44.404 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.5	34.6	52.0#
249	32.1	24.8	37.2

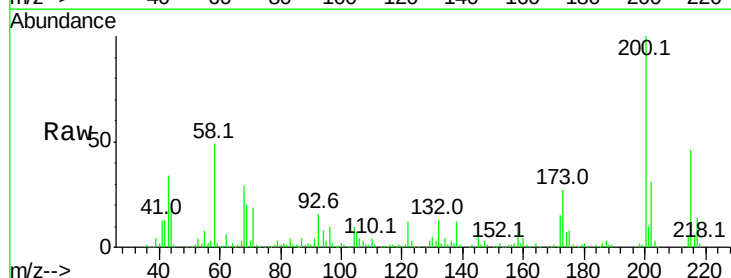


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

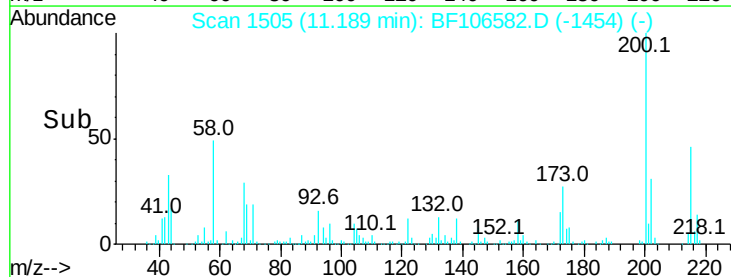
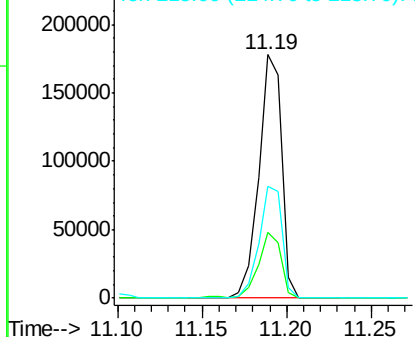


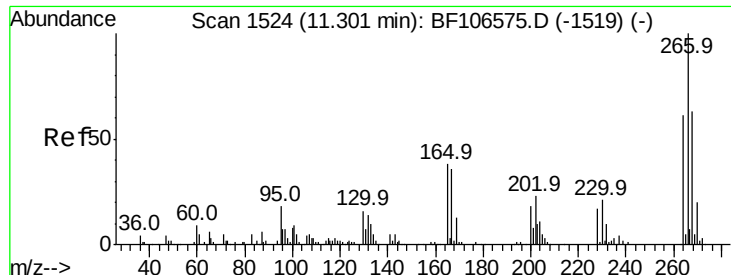
#68
Atrazine
Concen: 42.825 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	46.2	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

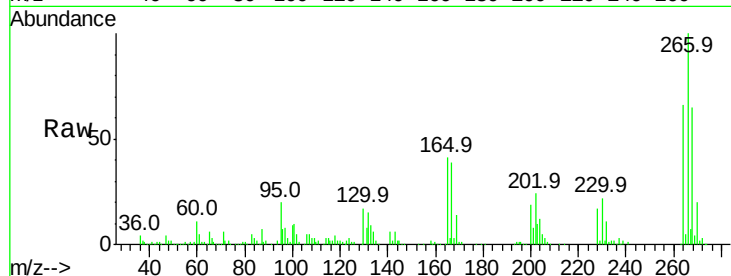




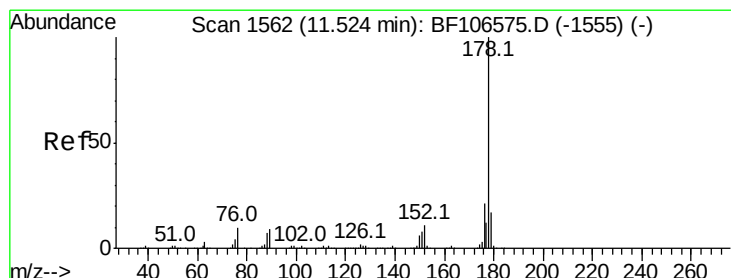
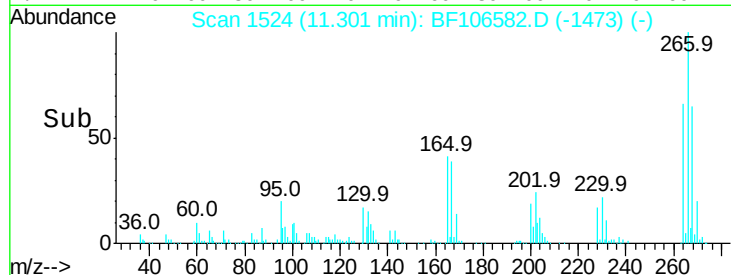
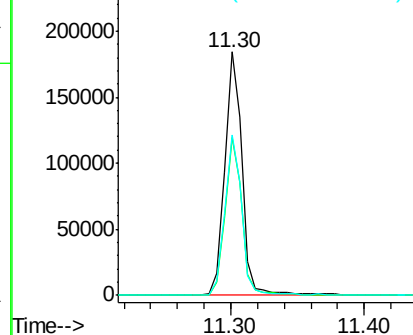
#69
 Pentachlorophenol
 Concen: 74.141 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	65.6	49.5	74.3

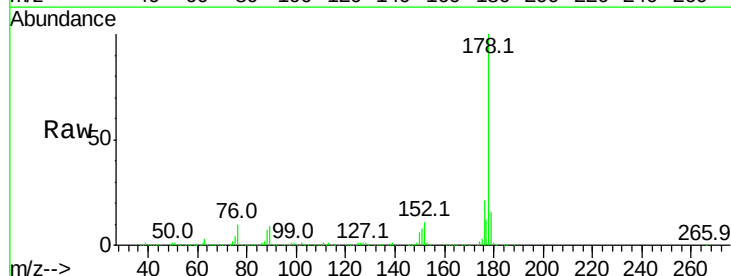


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

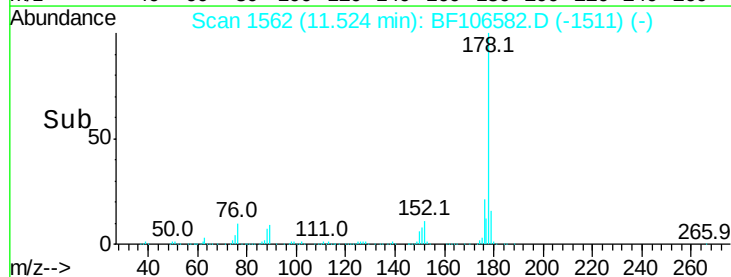
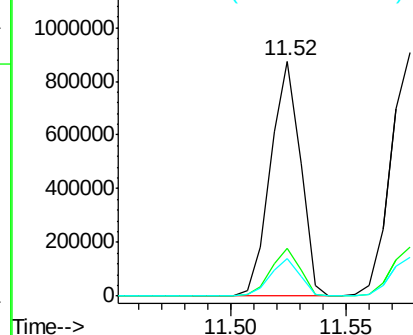


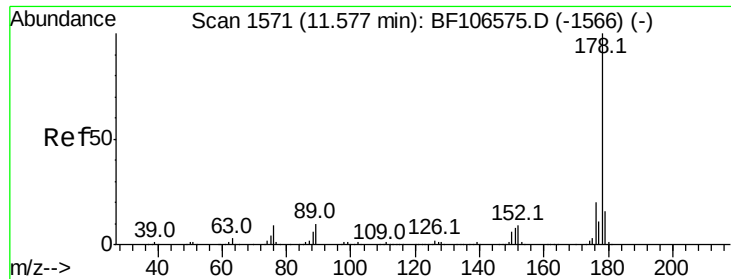
#70
 Phenanthrene
 Concen: 44.568 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	16.0	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

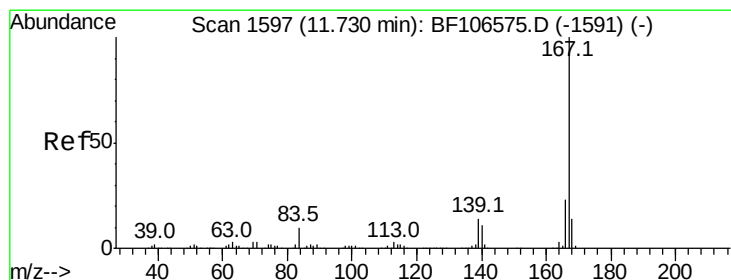
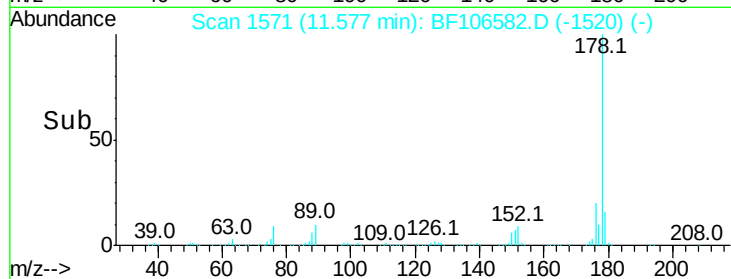
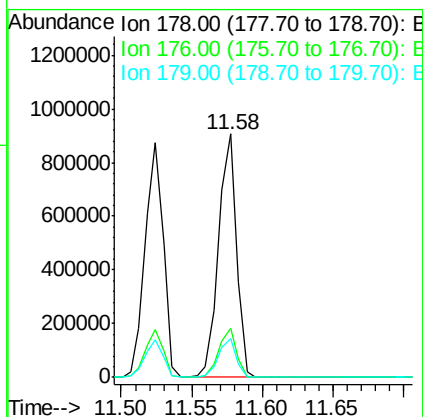
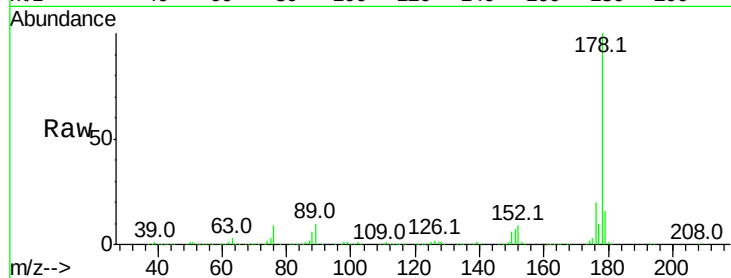




#71
 Anthracene
 Concen: 44.621 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

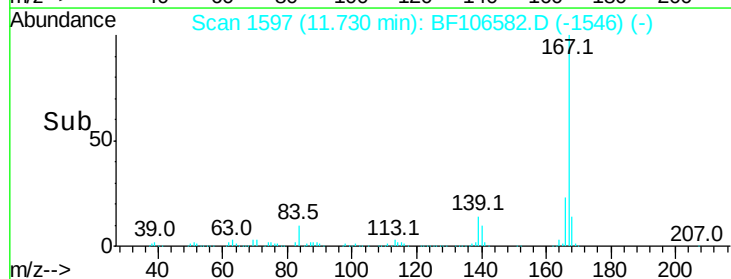
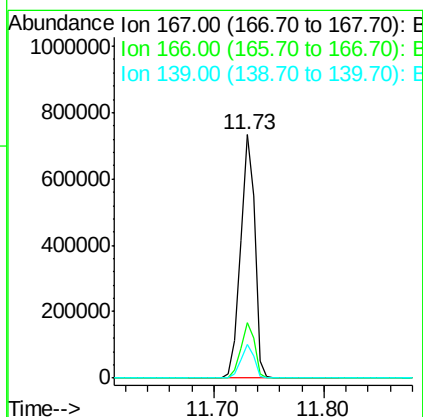
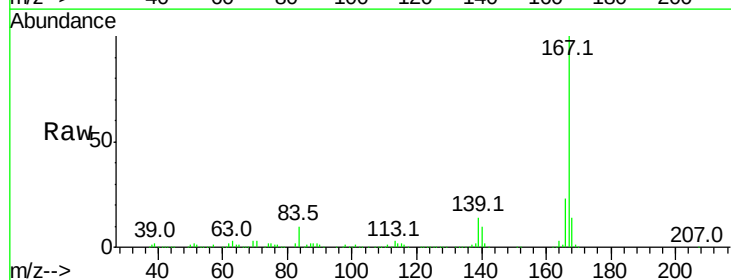
Instrument :
 BNA_F
 ClientSampleId :

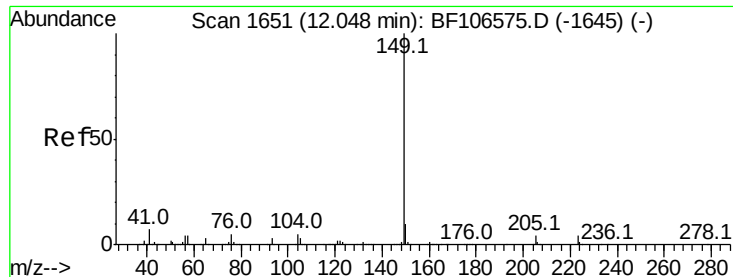
Tot Ion:178 Resp: 803726
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 39.659 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion:167 Resp: 668803
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.171 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

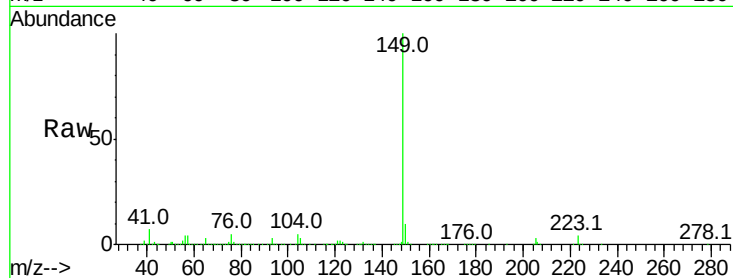
Tot Ion:149 Resp: 857688

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

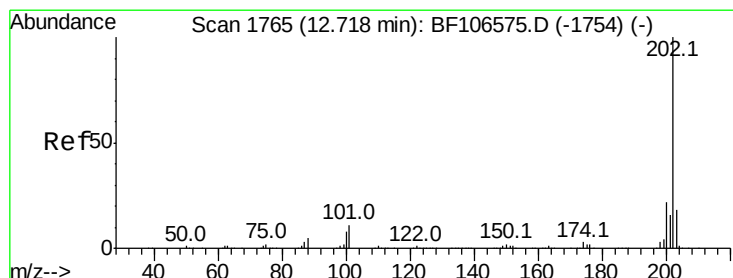
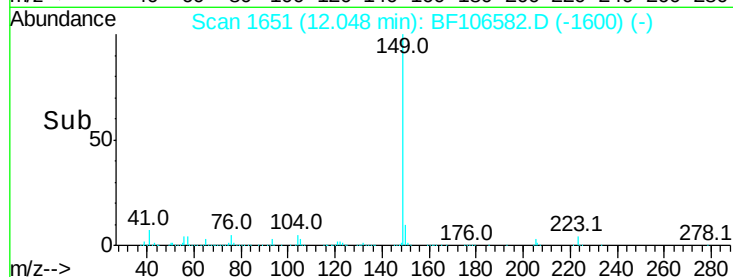
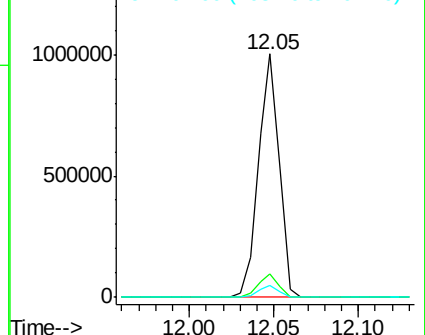
104 4.9 3.8 5.8



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: 39.843 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

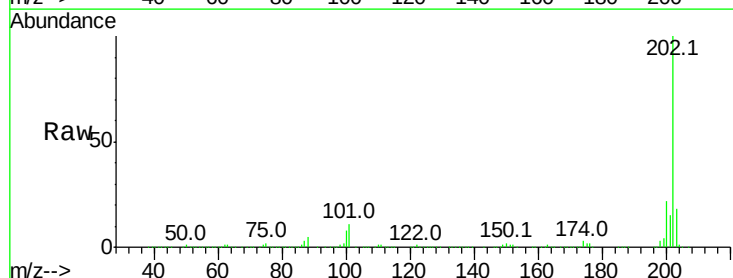
Tgt Ion:202 Resp: 774966

Ion Ratio Lower Upper

202 100

101 11.2 0.0 34.1

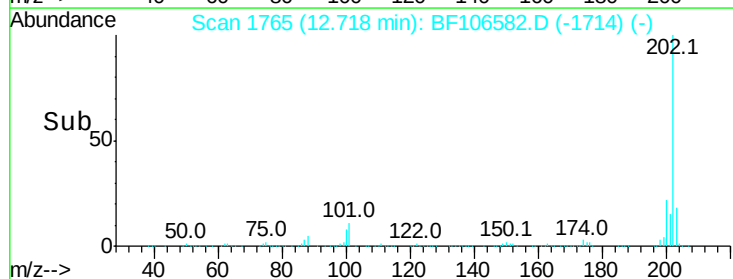
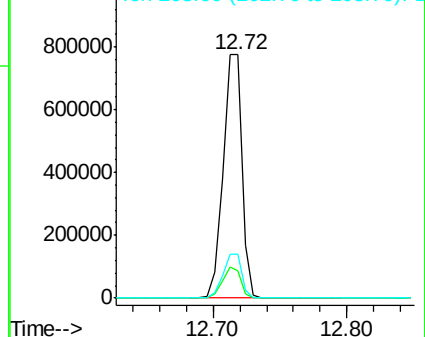
203 17.9 0.0 38.1

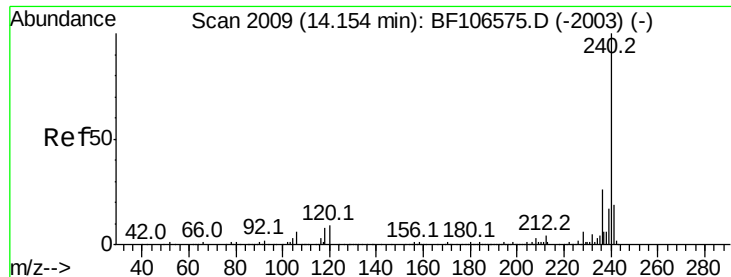


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

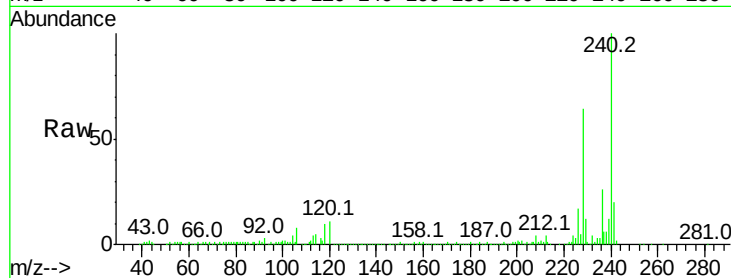
Tot Ion:240 Resp: 224578

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

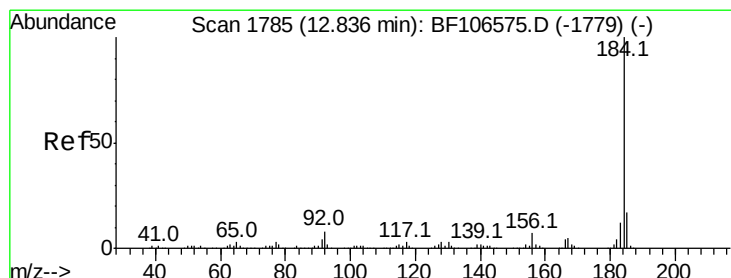
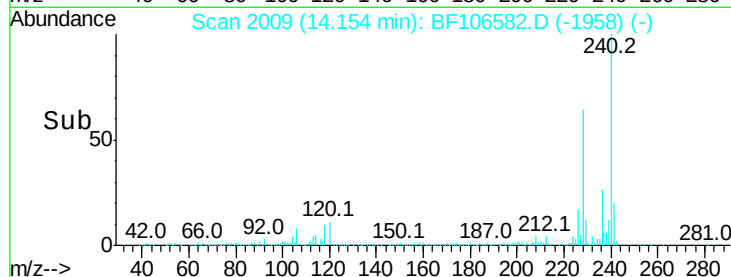
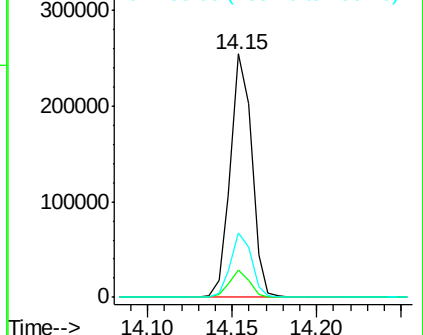
236 26.4 20.7 31.1



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: 25.523 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

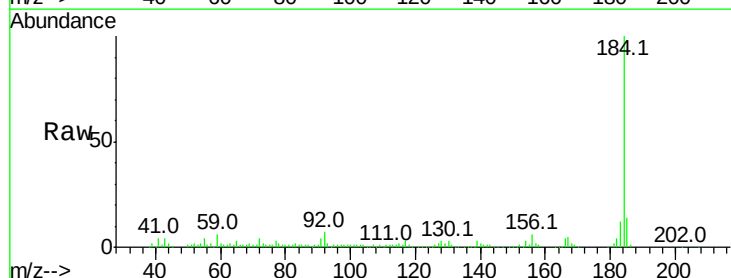
Tgt Ion:184 Resp: 163246

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

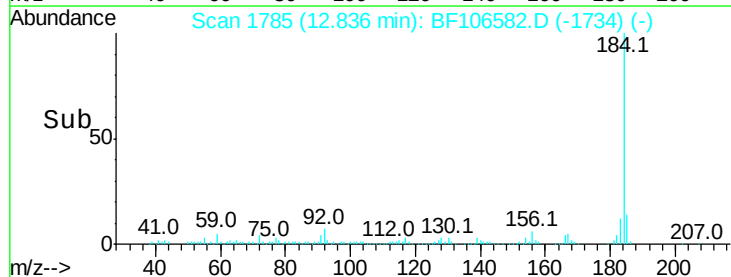
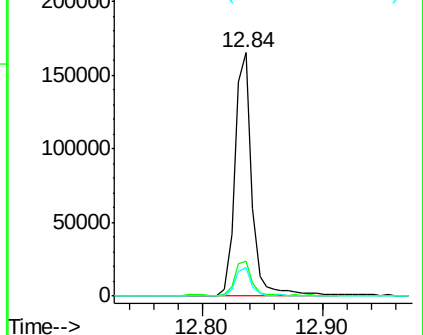
183 11.7 9.3 13.9

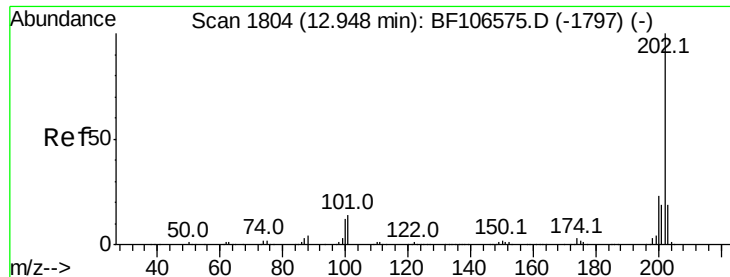


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.247 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

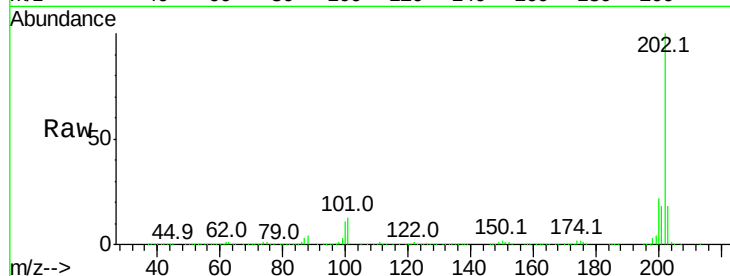
Tot Ion:202 Resp: 758938

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

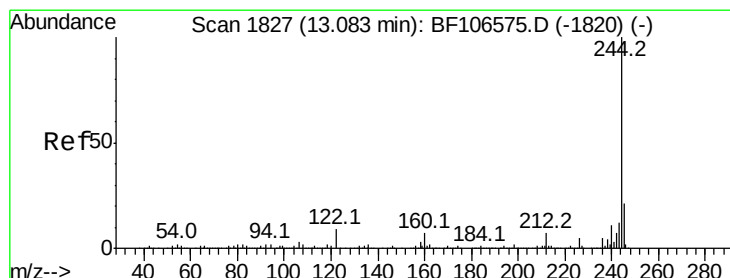
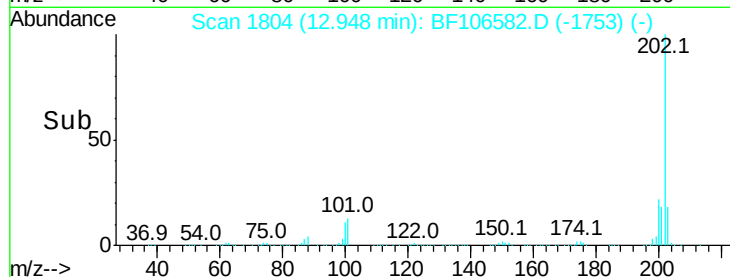
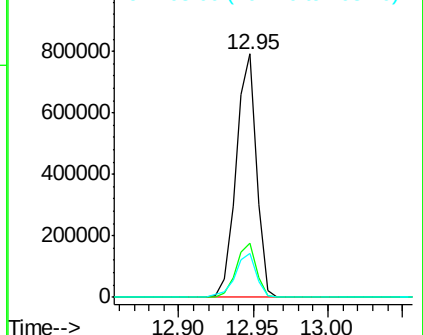
203 18.1 14.3 21.5



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: 115.984 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

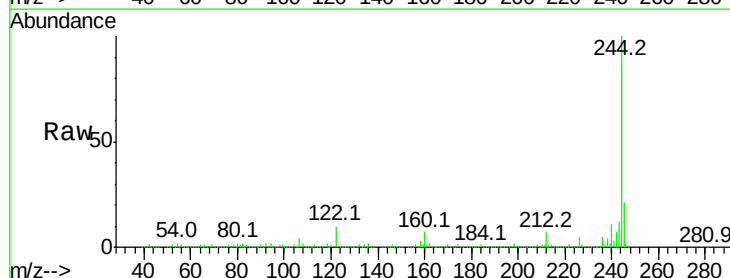
Tgt Ion:244 Resp: 1075317

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

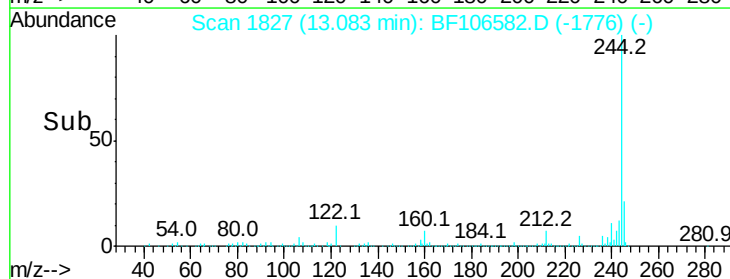
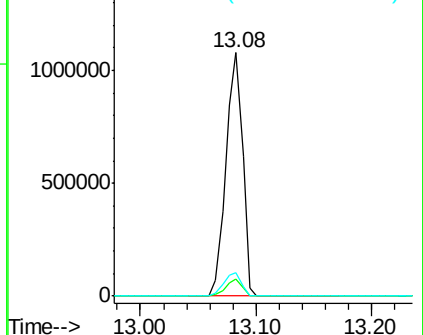
122 9.7 11.0 16.4#

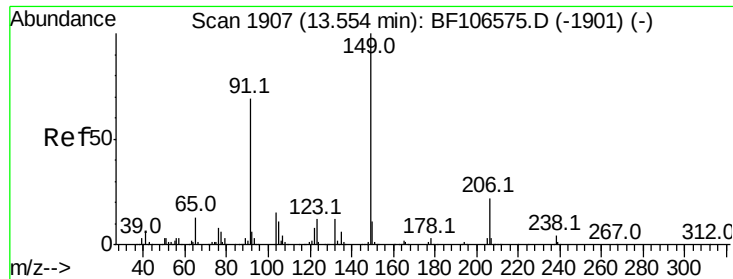


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

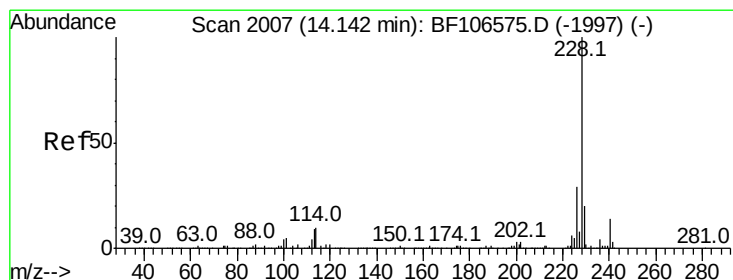
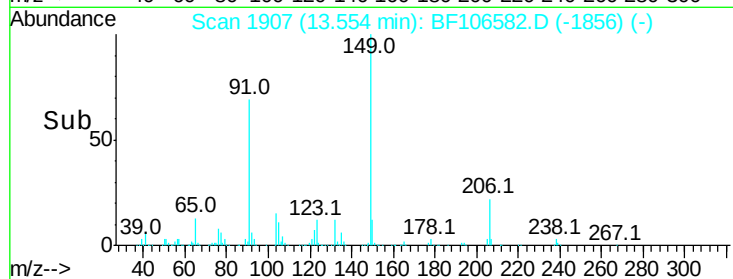
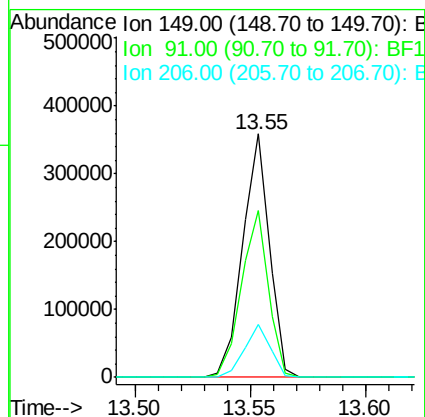
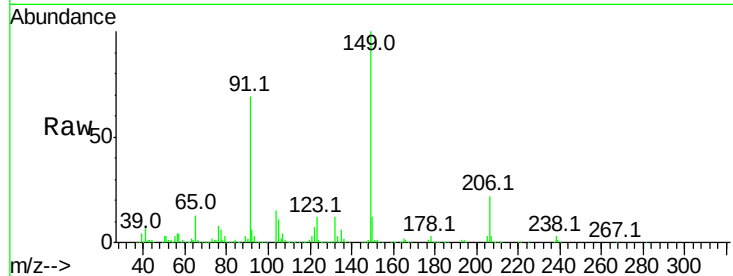




#79
Butylbenzylphthalate
Concen: 47.589 ng
RT: 13.55 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

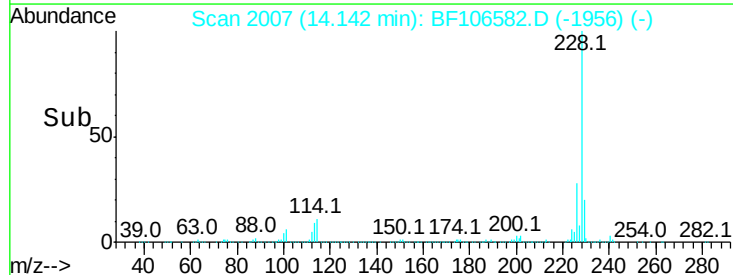
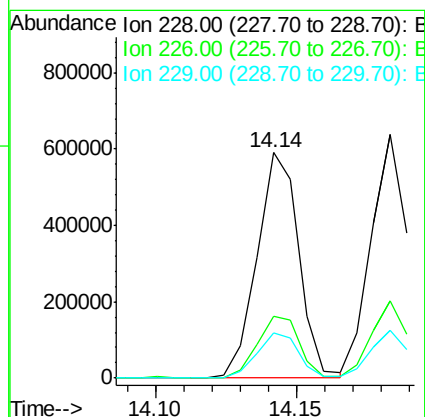
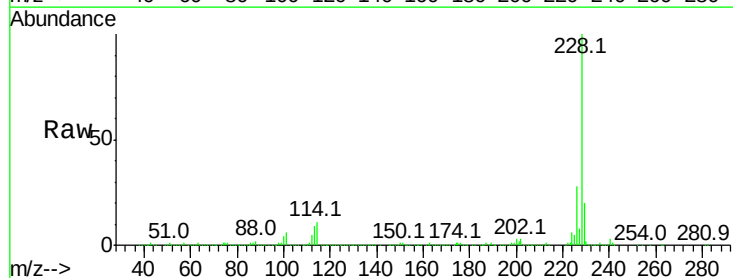
Instrument :
BNA_F
ClientSampled :

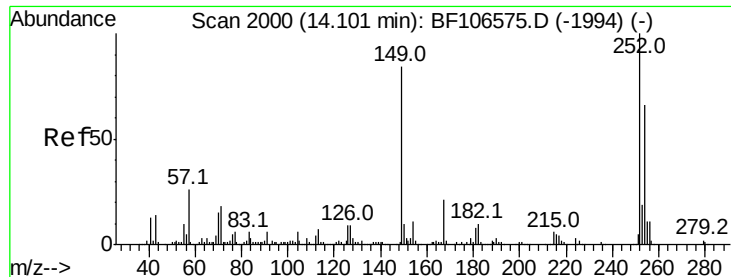
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	21.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 44.276 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	15.8	23.6

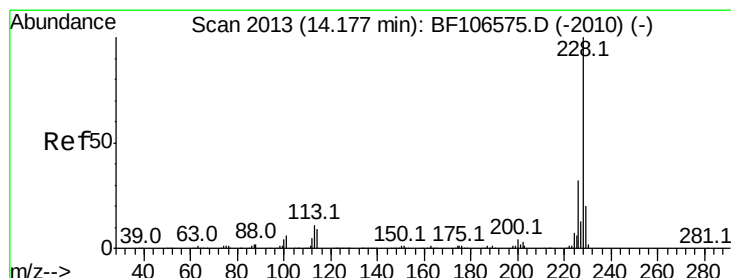
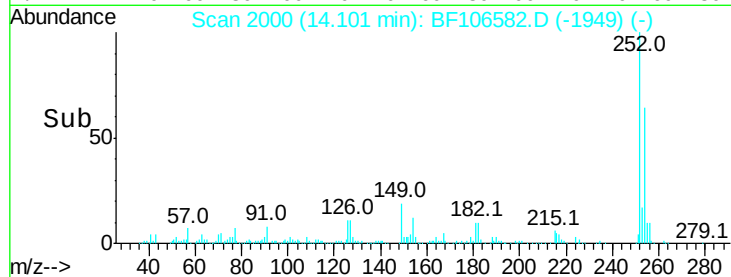
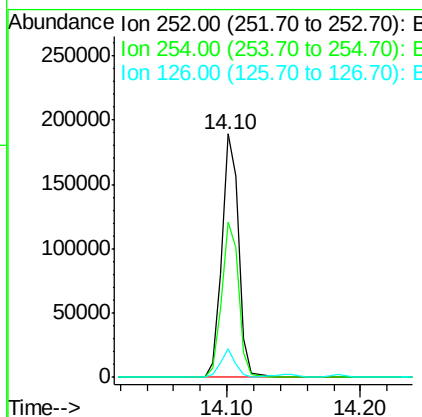
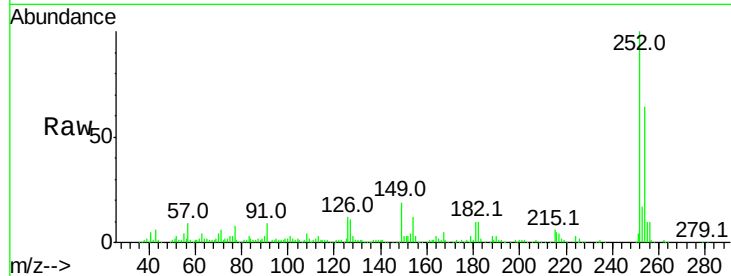




#81
 3,3'-Dichlorobenzidine
 Concen: 35.200 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

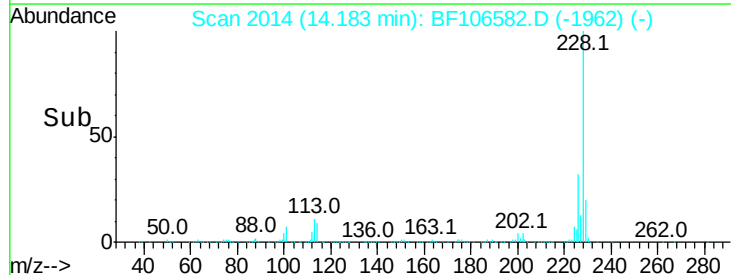
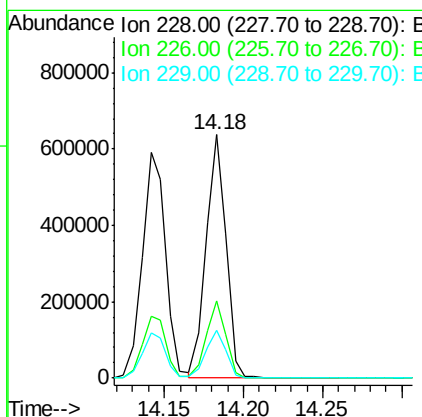
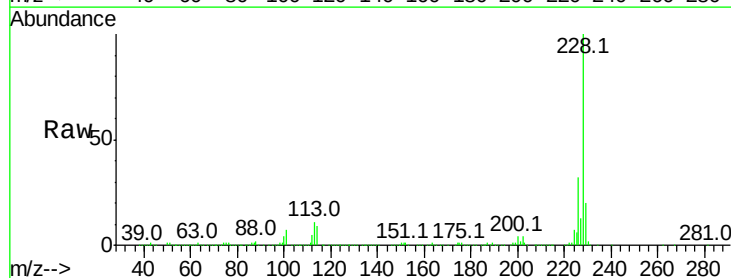
Instrument :
 BNA_F
 ClientSampled :

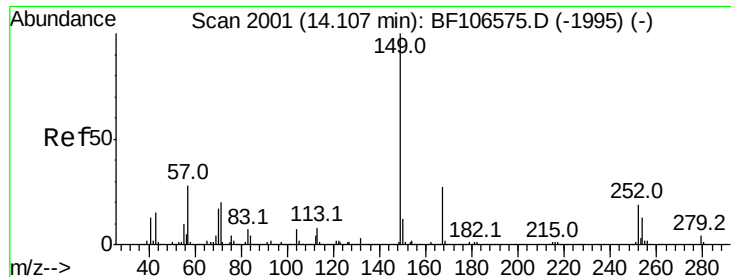
Tot Ion:252 Resp: 169332
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 11.7 11.3 16.9



#82
 Chrysene
 Concen: 44.891 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion:228 Resp: 565277
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.0 37.6
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.518 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampled :

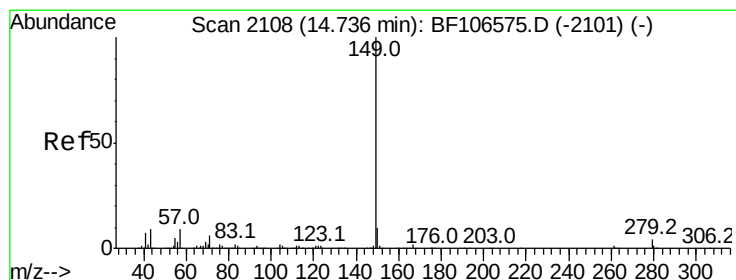
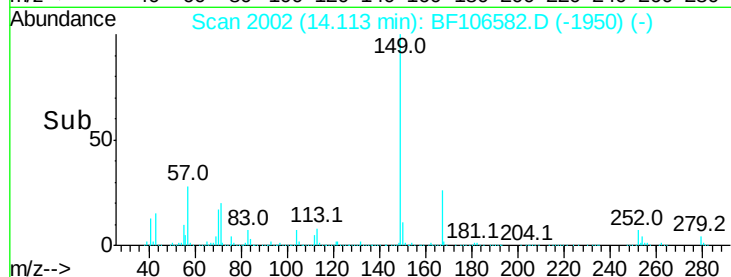
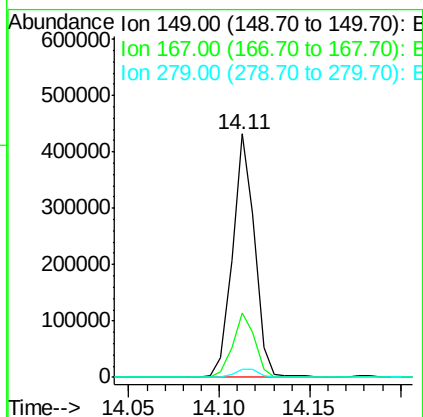
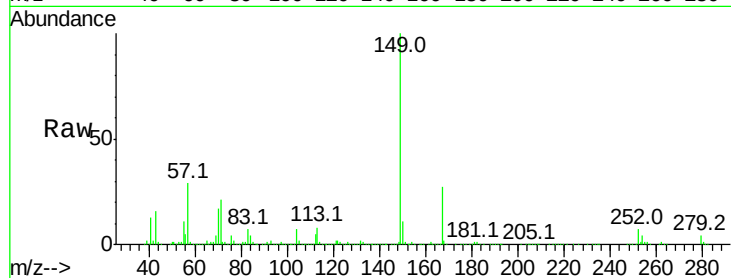
Tot Ion:149 Resp: 362120

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 3.5 3.0 4.4



#84

Di-n-octyl phthalate

Concen: 43.881 ng

RT: 14.76 min Scan# 2112

Delta R.T. 0.02 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

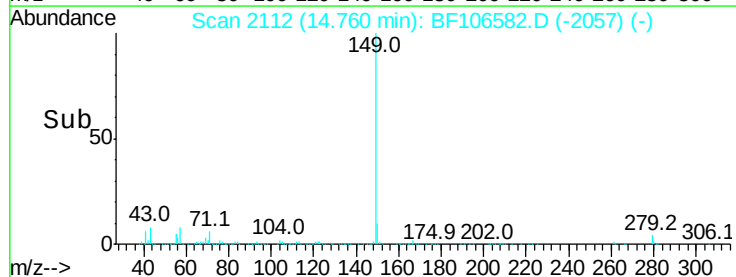
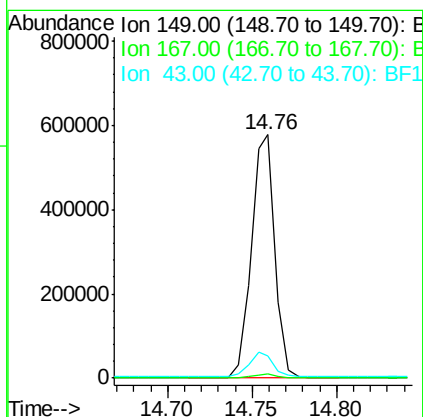
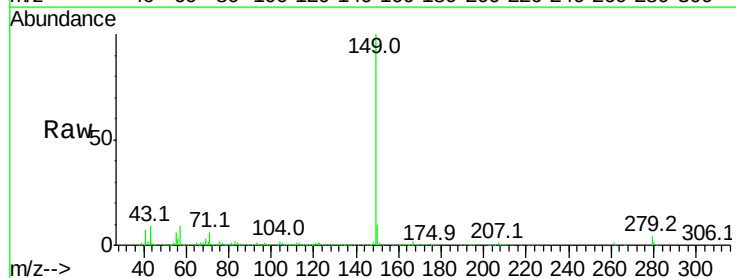
Tgt Ion:149 Resp: 556806

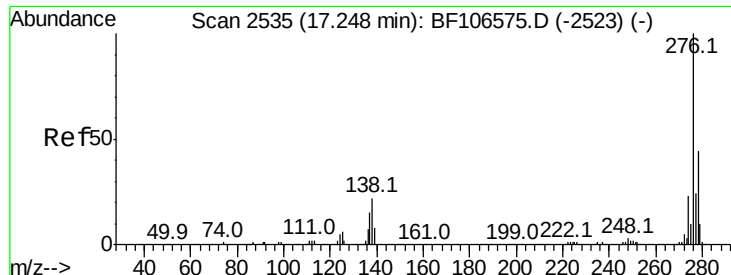
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 8.4 12.6

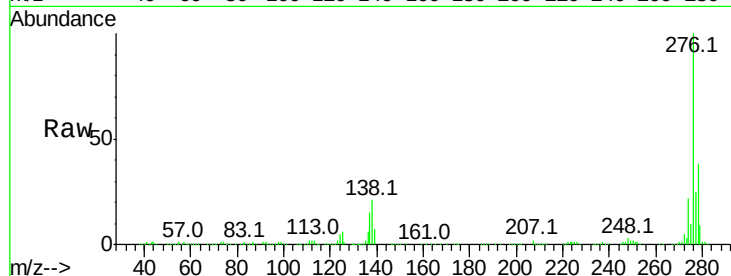




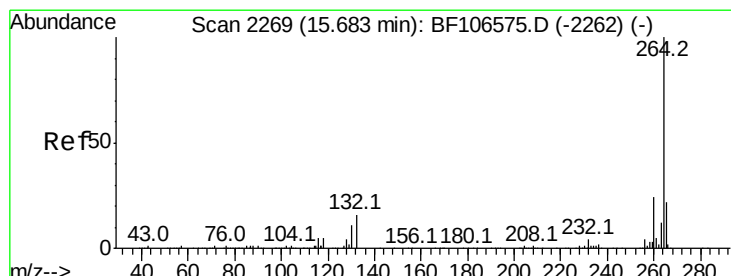
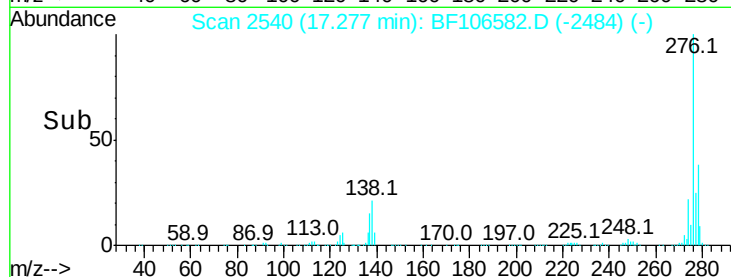
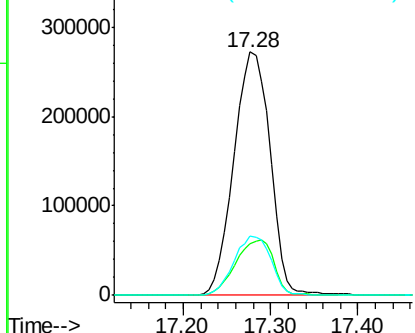
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.776 ng
 RT: 17.28 min Scan# 2540
 Delta R.T. 0.03 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	25.0	20.1	30.1

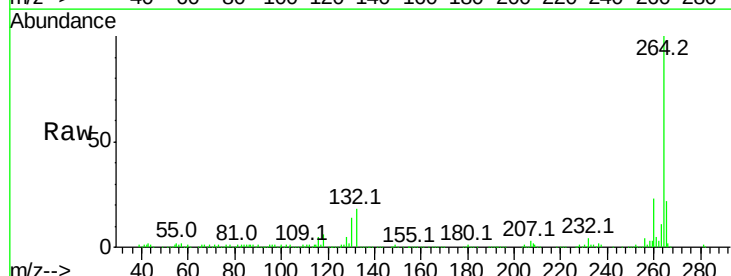


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

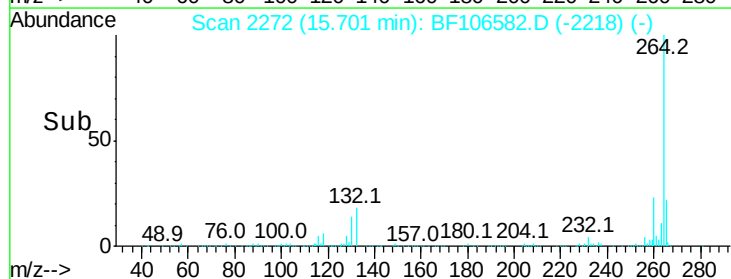
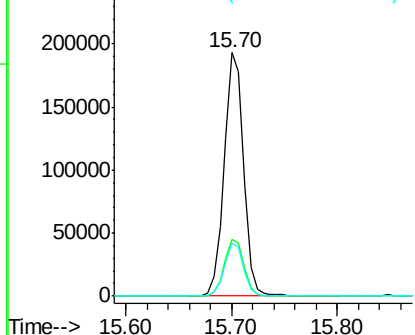


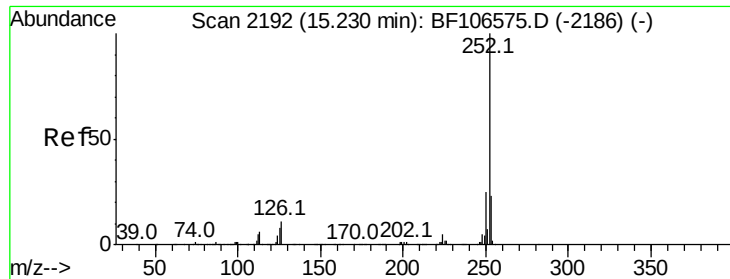
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

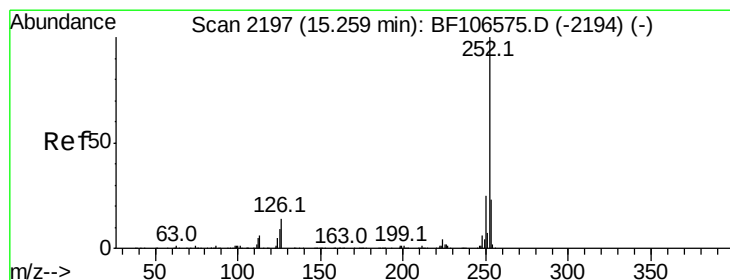
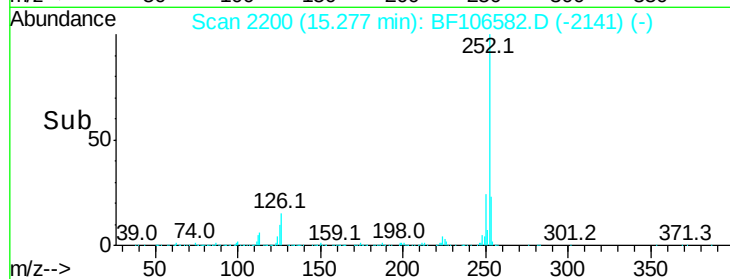
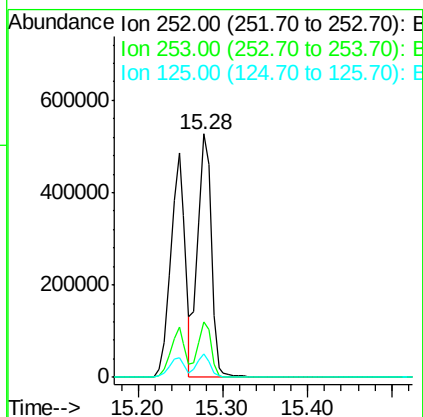
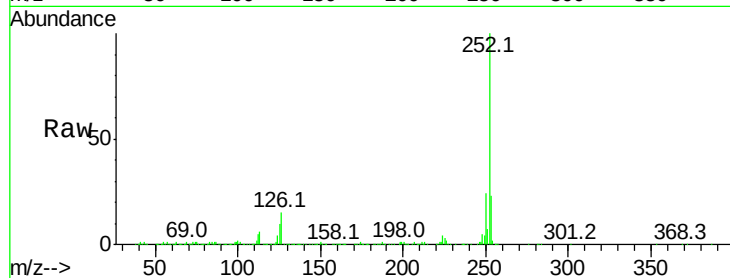




#87
Benzo(b)fluoranthene
Concen: 38.408 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.05 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

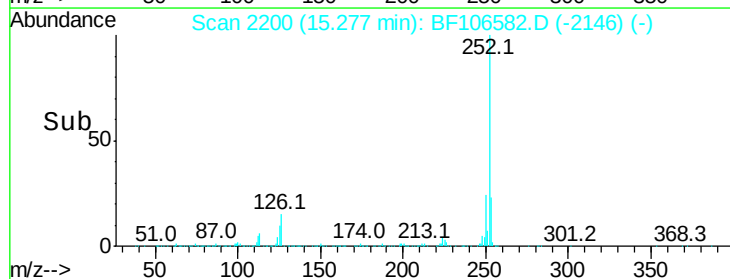
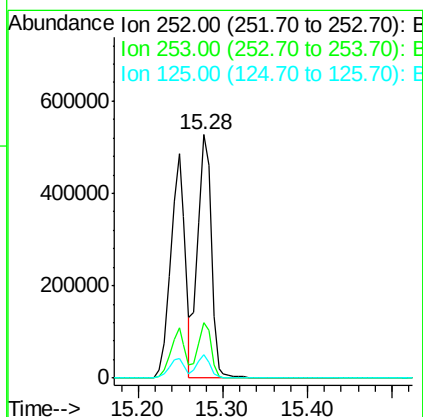
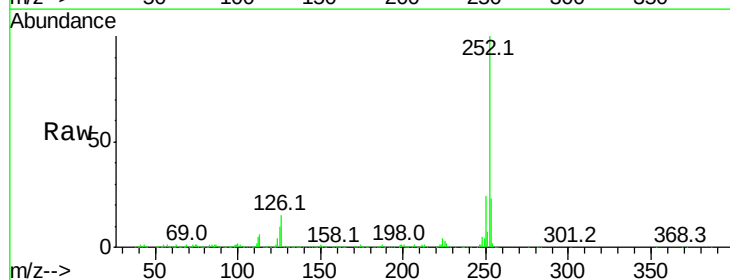
Instrument :
BNA_F
ClientSampleId :

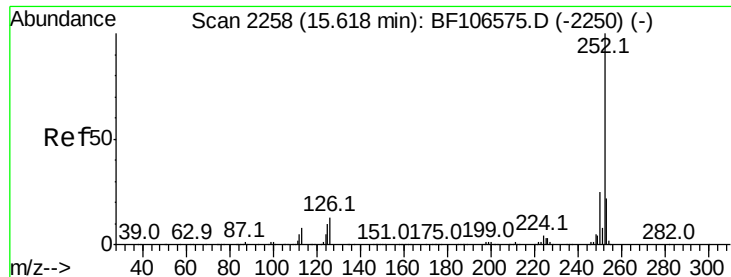
Tot Ion:252 Resp: 584413
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.331 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF106582.D
Acq: 19 Jun 2018 15:19

Tgt Ion:252 Resp: 584408
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.8 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 44.892 ng

RT: 15.64 min Scan# 2262

Delta R.T. 0.02 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

Instrument :

BNA_F

ClientSampleId :

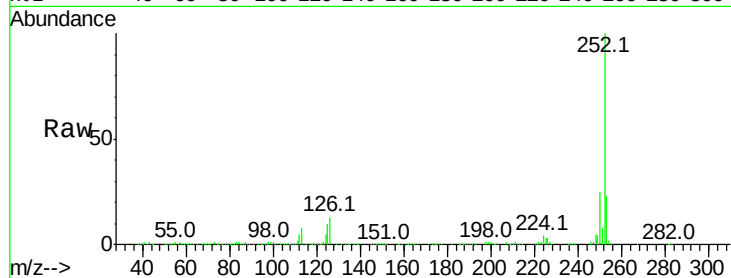
Tot Ion:252 Resp: 607248

Ion Ratio Lower Upper

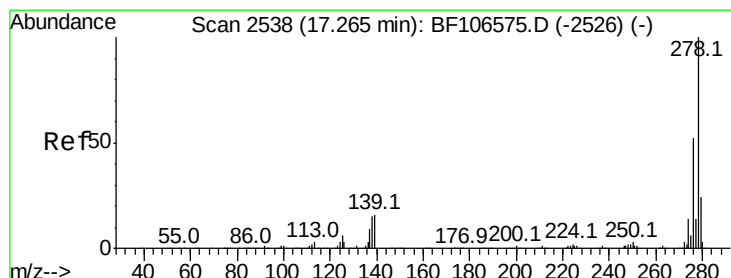
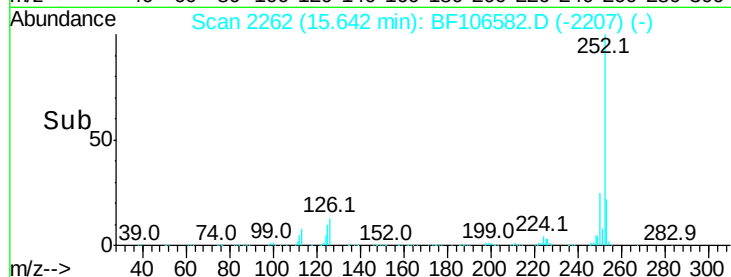
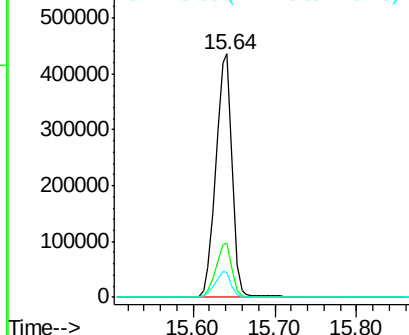
252 100

253 22.5 17.1 25.7

125 10.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.649 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.03 min

Lab File: BF106582.D

Acq: 19 Jun 2018 15:19

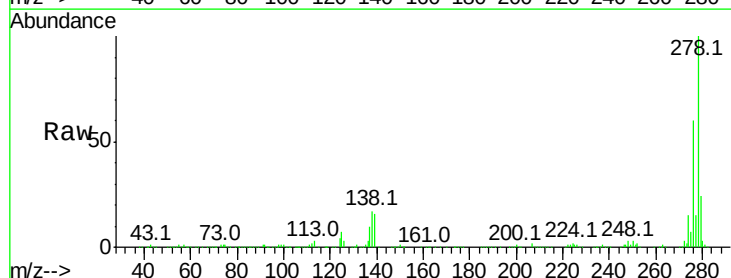
Tgt Ion:278 Resp: 626490

Ion Ratio Lower Upper

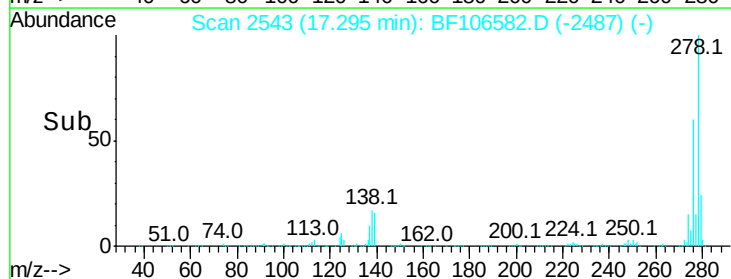
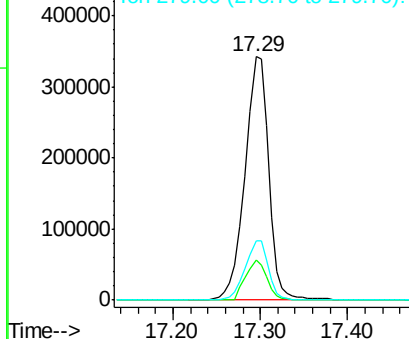
278 100

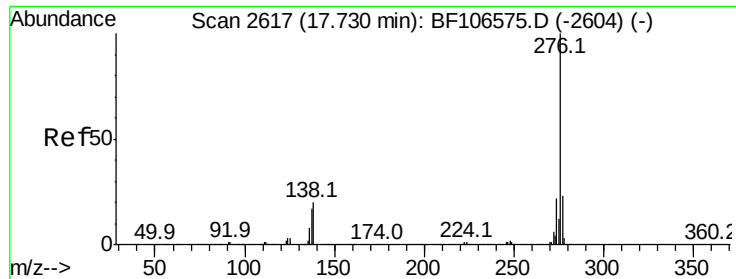
139 16.3 15.9 23.9

279 24.1 19.0 28.4



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

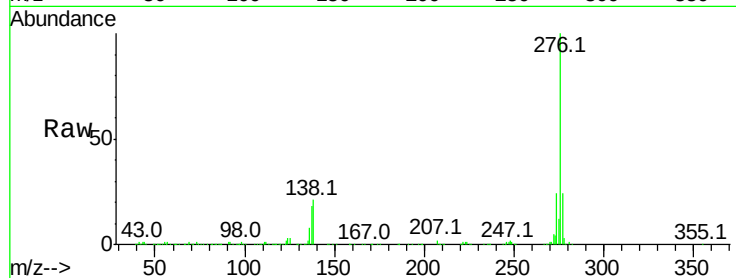




#91
 Benzo(a,h,i)perylene
 Concen: 58.898 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.03 min
 Lab File: BF106582.D
 Acq: 19 Jun 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	20.6	21.8	32.8



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

