

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
 Data File : BF107196.D
 Acq On : 7 Jul 2018 10:44
 Operator : JU/SJ
 Sample : PB110879BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Quant Time: Jul 09 02:09:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69209	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	262349	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	140762	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	284322	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	207355	20.00	ng	-0.02
86) Perylene-d12	15.67	264	202407	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	426796	104.42	ng	0.00
7) Phenol-d6	6.60	99	532344	104.30	ng	-0.01
23) Nitrobenzene-d5	7.51	82	349379	74.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	193104	118.36	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	657248	77.78	ng	-0.02
78) Terphenyl-d14	13.07	244	782122	91.37	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	55147	26.244	ng	100
3) Pyridine	3.64	79	162325	28.484	ng	97
4) n-Nitrosodimethylamine	3.61	42	66770	27.586	ng	85
6) Aniline	6.62	93	131402	18.979	ng	# 83
8) 2-Chlorophenol	6.74	128	152106	33.930	ng	98
9) Benzaldehyde	6.50	77	66881	16.429	ng	99
10) Phenol	6.61	94	183849	31.562	ng	82
11) bis(2-Chloroethyl)ether	6.68	93	152587	31.731	ng	98
12) 1,3-Dichlorobenzene	6.89	146	177878	33.878	ng	97
13) 1,4-Dichlorobenzene	6.97	146	178549	33.636	ng	96
14) 1,2-Dichlorobenzene	7.12	146	164549	33.825	ng	96
15) Benzyl Alcohol	7.10	79	127822	31.188	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	211388	33.504	ng	# 21
17) 2-Methylphenol	7.21	107	130829	34.103	ng	# 88
18) Hexachloroethane	7.45	117	60659	32.495	ng	# 84
19) n-Nitroso-di-n-propylamine	7.35	70	105959	31.494	ng	95
20) 3+4-Methylphenols	7.37	107	168652	39.310	ng	92
22) Acetophenone	7.35	105	211543	36.042	ng	# 99
24) Nitrobenzene	7.54	77	165955	34.433	ng	98
25) Isophorone	7.77	82	303298	36.460	ng	98
26) 2-Nitrophenol	7.85	139	87379	38.405	ng	96
27) 2,4-Dimethylphenol	7.88	122	143325	40.755	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	194945	34.903	ng	98
29) 2,4-Dichlorophenol	8.10	162	146449	39.777	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	158339	39.039	ng	97
31) Naphthalene	8.25	128	448318	36.551	ng	99
32) Benzoic acid	8.03	122	73196	30.929	ng	98
33) 4-Chloroaniline	8.30	127	62741	12.191	ng	99
34) Hexachlorobutadiene	8.35	225	102607	38.825	ng	99
35) Caprolactam	8.68	113	26466	22.052	ng	99
36) 4-Chloro-3-methylphenol	8.80	107	146159	37.715	ng	95
37) 2-Methylnaphthalene	8.94	142	334511	41.146	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	176684	37.272	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	78687	32.263	ng	99

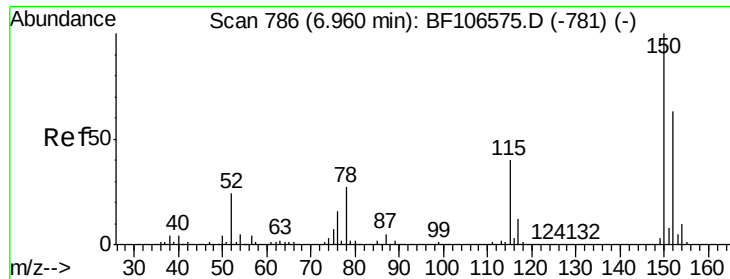
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	99374	31.537	ng	93
43) 2,4,5-Trichlorophenol	9.28	196	101898	30.991	ng	92
45) 1,1'-Biphenyl	9.41	154	404136	36.026	ng	98
46) 2-Chloronaphthalene	9.44	162	297618	33.705	ng	96
47) 2-Nitroaniline	9.54	65	91917	30.955	ng	99
48) Acenaphthylene	9.85	152	471075	33.790	ng	99
49) Dimethylphthalate	9.70	163	352117	33.353	ng	98
50) 2,6-Dinitrotoluene	9.78	165	81952	36.659	ng	95
51) Acenaphthene	10.02	154	282617	32.193	ng	98
52) 3-Nitroaniline	9.95	138	41301	16.055	ng	94
53) 2,4-Dinitrophenol	10.07	184	57924	51.853	ng #	17
54) Dibenzofuran	10.20	168	427649	35.575	ng	94
55) 4-Nitrophenol	10.14	139	55811	31.081	ng	90
56) 2,4-Dinitrotoluene	10.19	165	106333	36.440	ng #	93
57) Fluorene	10.54	166	348441	36.528	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	87258	33.385	ng #	75
59) Diethylphthalate	10.40	149	330232	32.409	ng #	94
60) 4-Chlorophenyl-phenylether	10.52	204	182214	36.508	ng #	87
61) 4-Nitroaniline	10.58	138	82219	32.204	ng	93
62) Azobenzene	10.69	77	323772	32.267	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	58789	33.450	ng #	68
65) n-Nitrosodiphenylamine	10.65	169	302734	31.656	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	125185	36.893	ng #	80
67) Hexachlorobenzene	11.10	284	134084	37.754	ng #	79
68) Atrazine	11.18	200	110210	36.251	ng	94
69) Pentachlorophenol	11.30	266	57336	32.356	ng	99
70) Phenanthrene	11.51	178	512348	37.361	ng	99
71) Anthracene	11.57	178	528374	37.748	ng	100
72) Carbazole	11.72	167	461438	35.211	ng	98
73) Di-n-butylphthalate	12.02	149	516615	33.462	ng	100
74) Fluoranthene	12.71	202	548116	36.263	ng	95
76) Benzidine	12.82	184	169968	28.782	ng	97
77) Pyrene	12.94	202	544824	39.845	ng	100
79) Butylbenzylphthalate	13.54	149	194791	34.649	ng #	89
80) Benzo(a)anthracene	14.13	228	456973	36.159	ng	100
81) 3,3'-Dichlorobenzidine	14.08	252	78783	17.737	ng #	96
82) Chrysene	14.17	228	427694	36.786	ng	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	235583	32.777	ng #	96
84) Di-n-octyl phthalate	14.71	149	371965	31.749	ng #	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	493513	50.018	ng #	90
87) Benzo(b)fluoranthene	15.25	252	404145	32.143	ng	96
88) Benzo(k)fluoranthene	15.25	252	404145	33.753	ng #	96
89) Benzo(a)pyrene	15.61	252	408085	36.510	ng #	96
90) Dibenzo(a,h)anthracene	17.28	278	408102	43.081	ng #	93
91) Benzo(g,h,i)perylene	17.75	276	429213	46.357	ng #	90

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

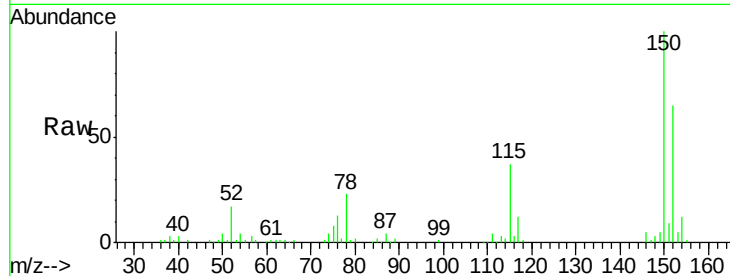


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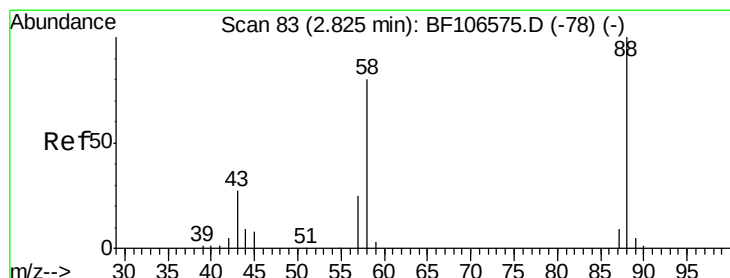
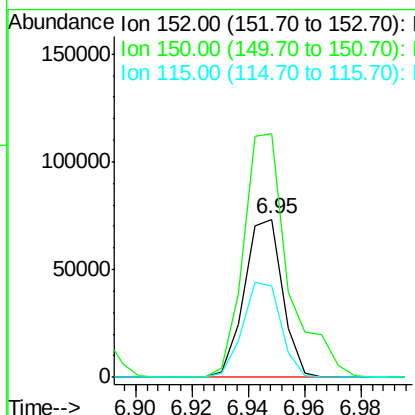
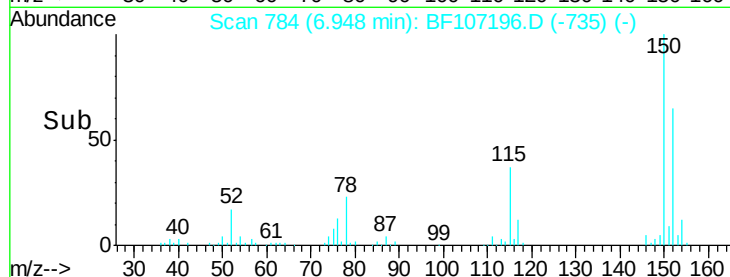
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:152 Resp: 69209
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 57.6 50.1 75.1



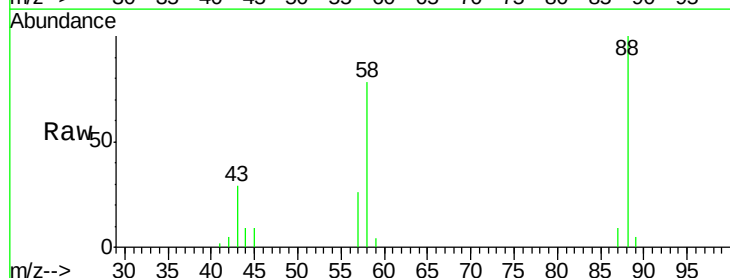
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



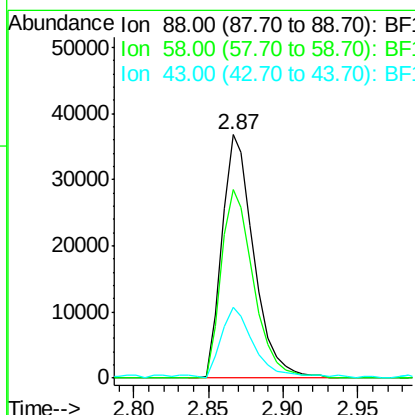
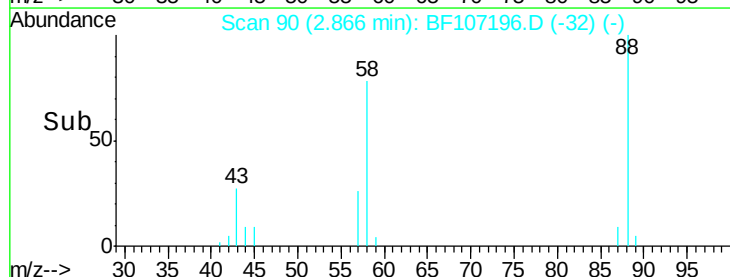
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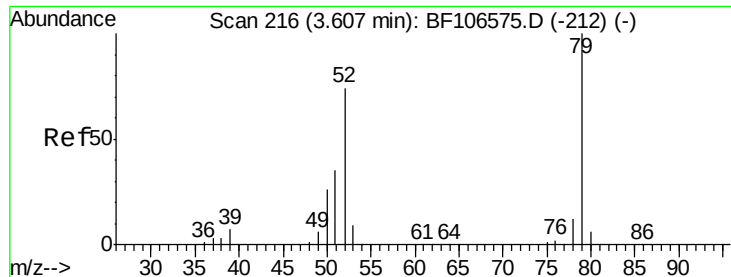
1,4-Dioxane
Concen: 26.244 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion: 88 Resp: 55147
Ion Ratio Lower Upper
88 100
58 78.3 62.6 93.8
43 30.5 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

Pyridine

Concen: 28.484 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

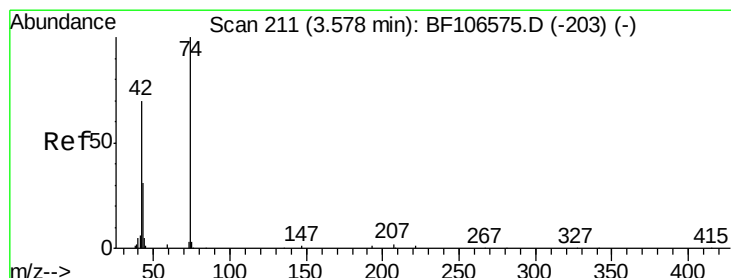
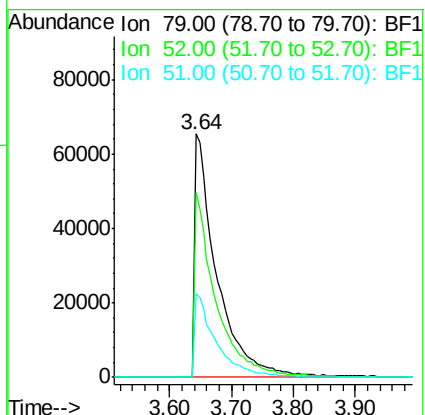
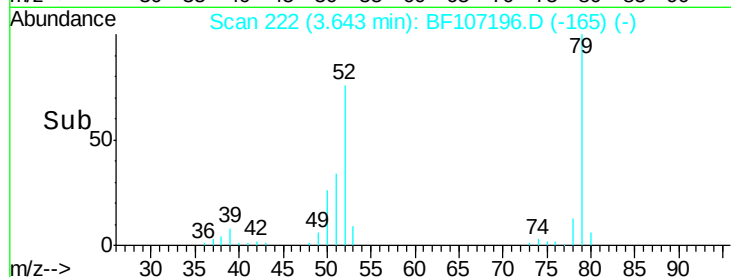
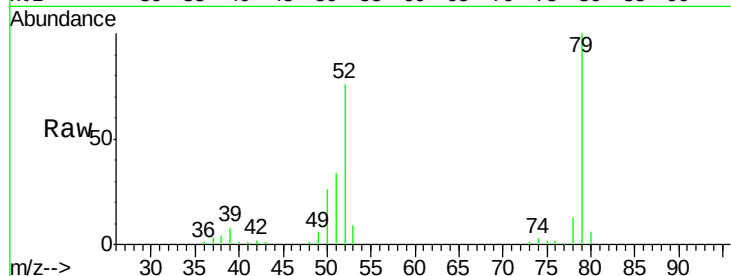
Tgt Ion: 79 Resp: 162325

Ion Ratio Lower Upper

79 100

52 75.9 59.8 89.6

51 34.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 27.586 ng

RT: 3.61 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

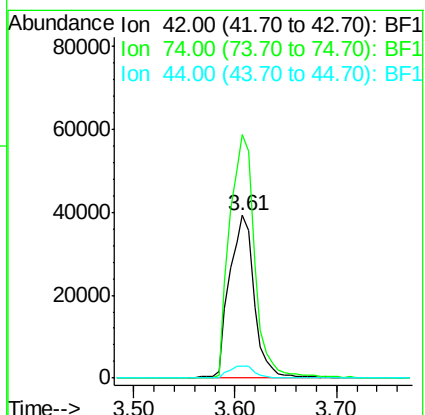
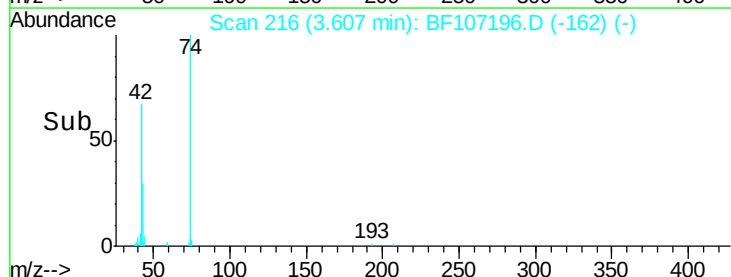
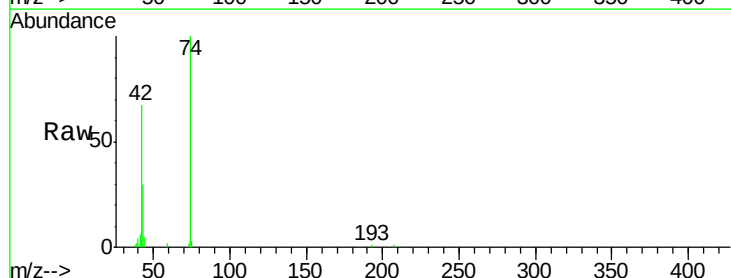
Tgt Ion: 42 Resp: 66770

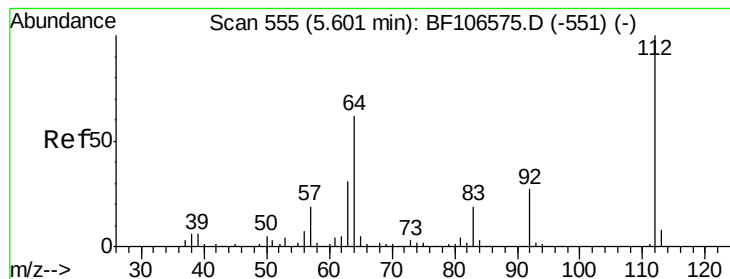
Ion Ratio Lower Upper

42 100

74 149.8 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 104.423 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

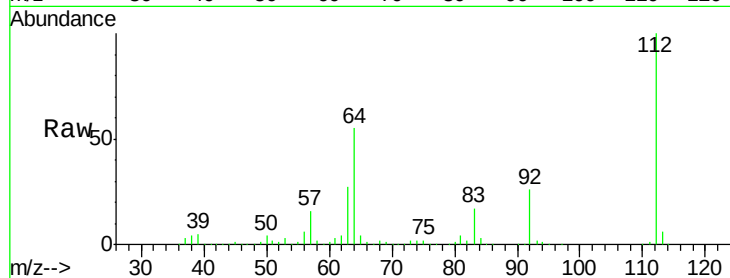
Tgt Ion: 112 Resp: 426796

Ion Ratio Lower Upper

112 100

64 54.9 47.9 71.9

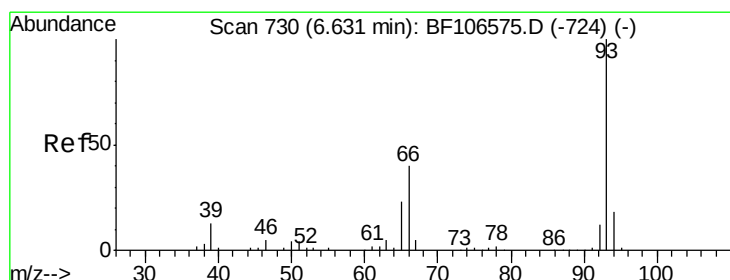
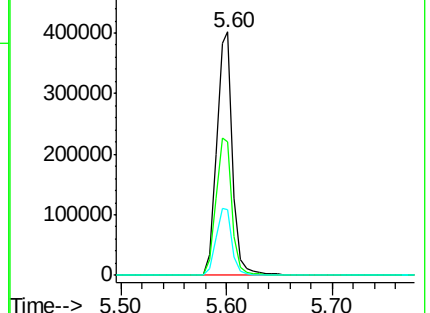
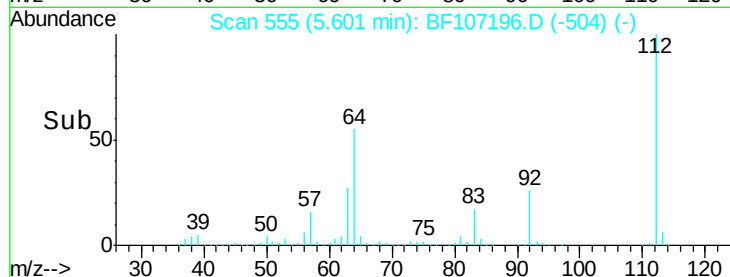
63 27.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.979 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

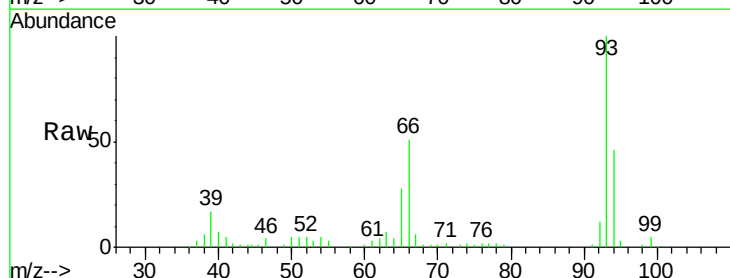
Tgt Ion: 93 Resp: 131402

Ion Ratio Lower Upper

93 100

66 50.9 32.2 48.2#

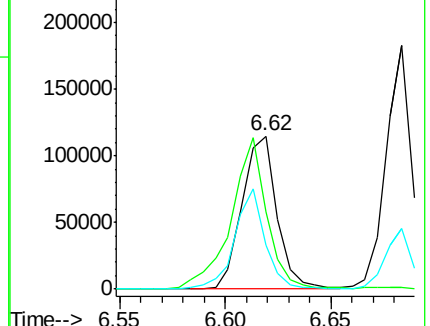
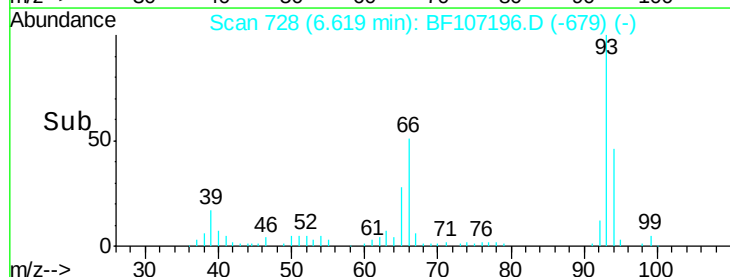
65 28.3 16.4 24.6#

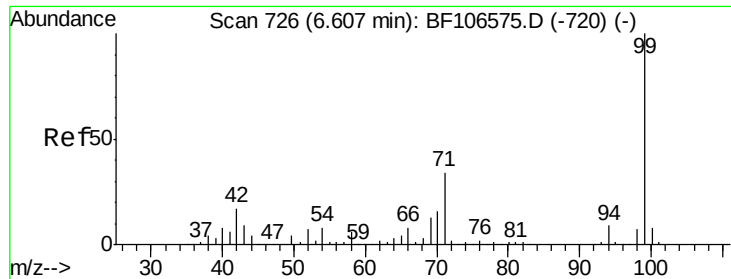


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.297 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

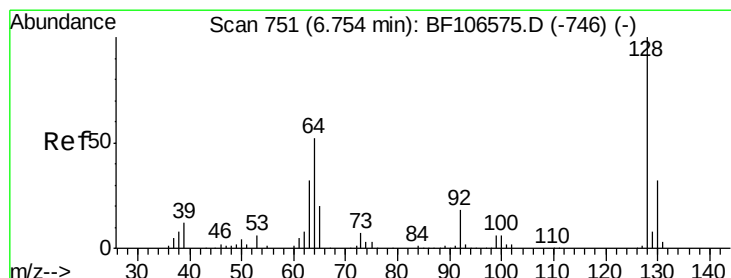
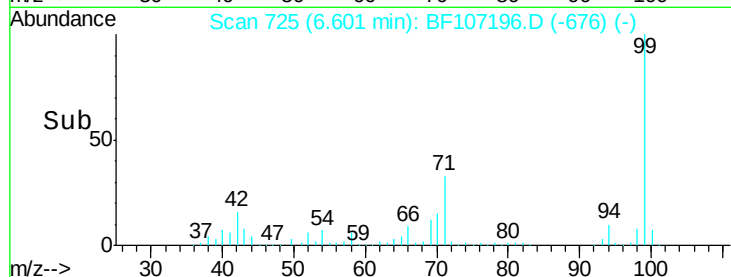
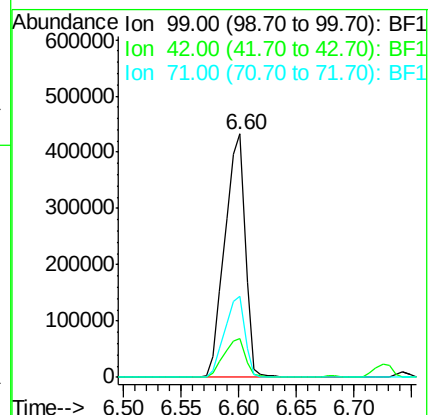
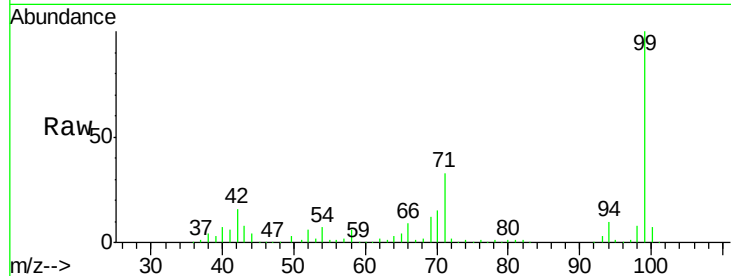
Tgt Ion: 99 Resp: 532344

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 33.930 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

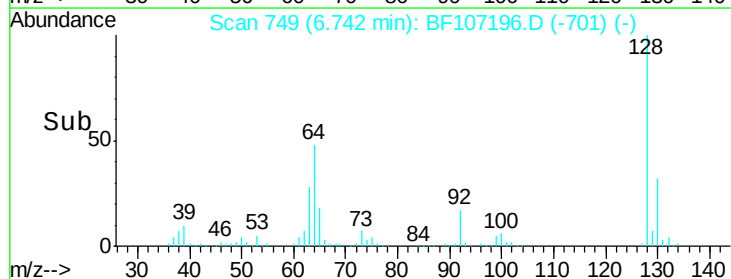
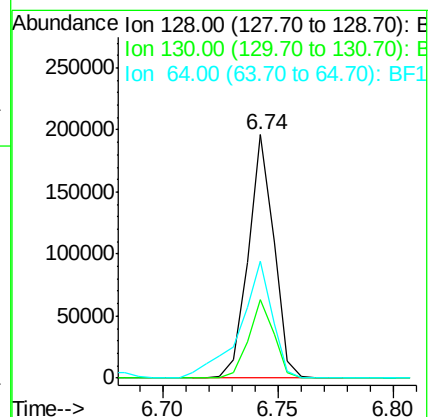
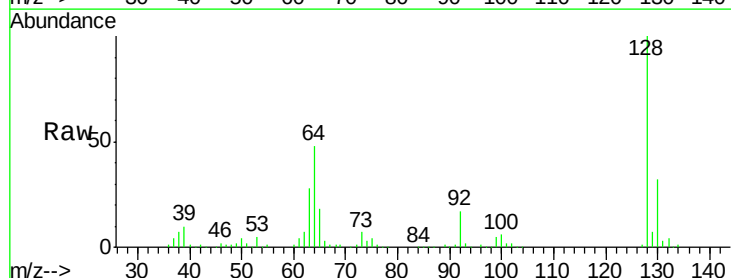
Tgt Ion: 128 Resp: 152106

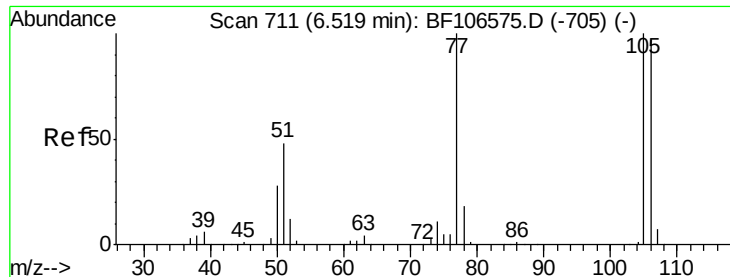
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 48.0 29.4 69.4

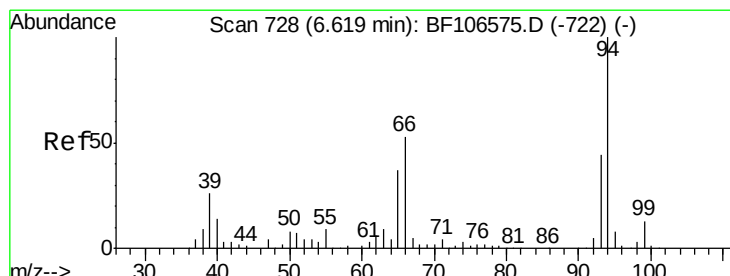
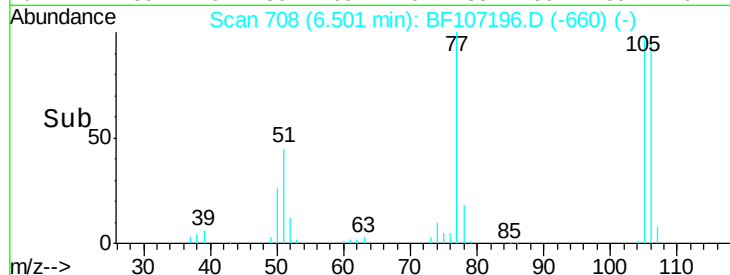
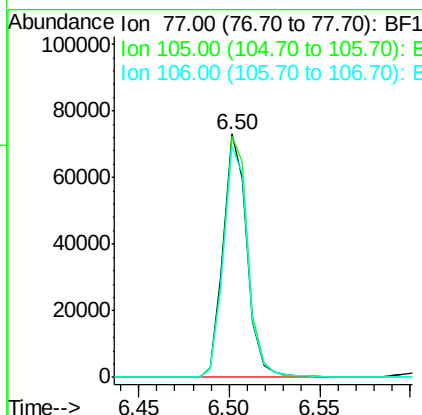
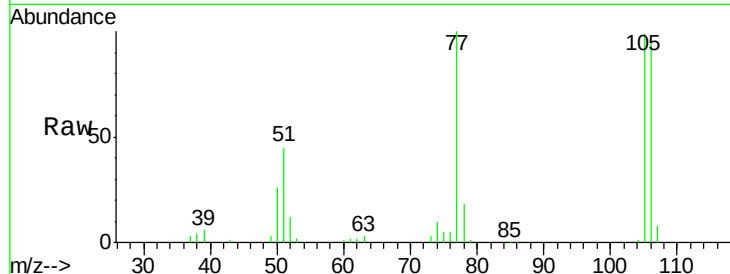




#9
Benzaldehyde
Concen: 16.429 ng
RT: 6.50 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

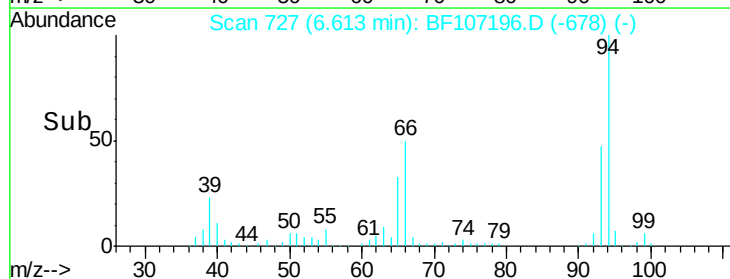
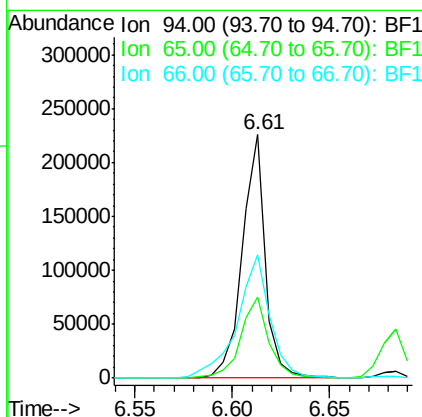
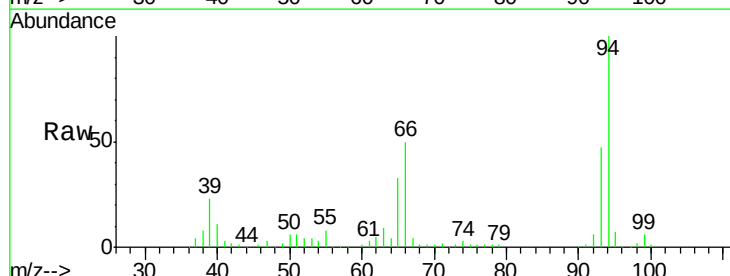
Instrument :
BNA_F
ClientSampleId :
PB110879BS

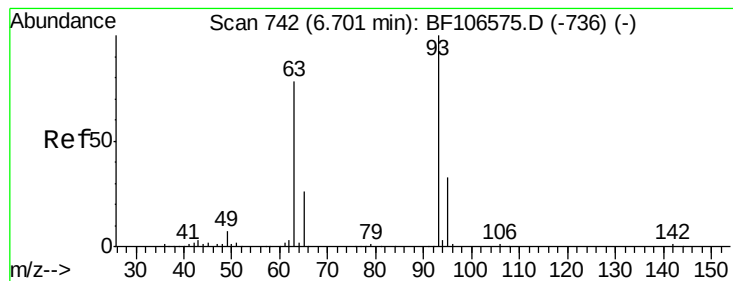
Tgt Ion: 77 Resp: 66881
Ion Ratio Lower Upper
77 100
105 99.2 81.1 121.1
106 94.8 74.5 114.5



#10
Phenol
Concen: 31.562 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion: 94 Resp: 183849
Ion Ratio Lower Upper
94 100
65 33.4 7.9 47.9
66 50.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 31.731 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

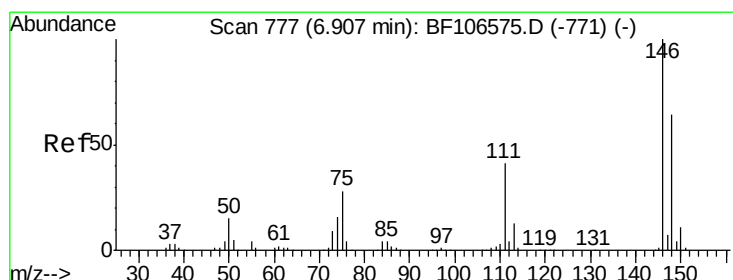
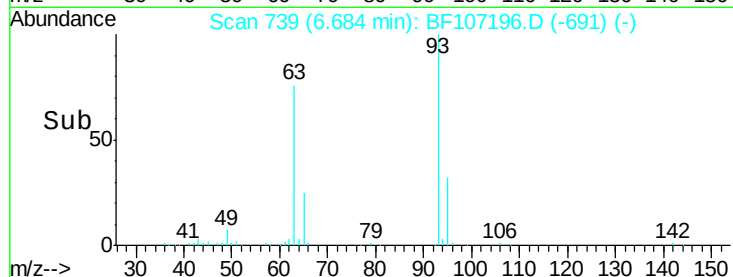
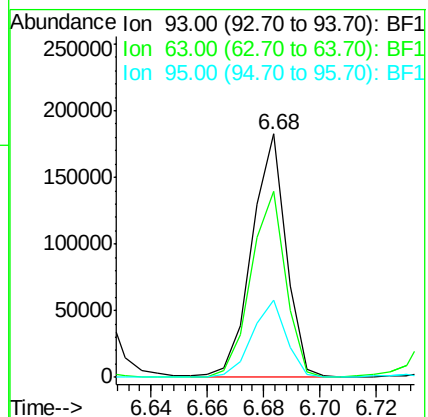
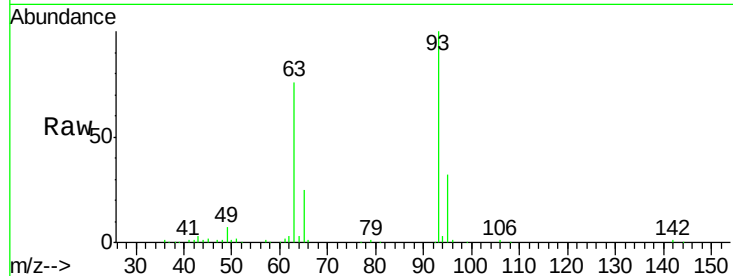
Tgt Ion: 93 Resp: 152587

Ion Ratio Lower Upper

93 100

63 76.4 58.6 98.6

95 31.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 33.878 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

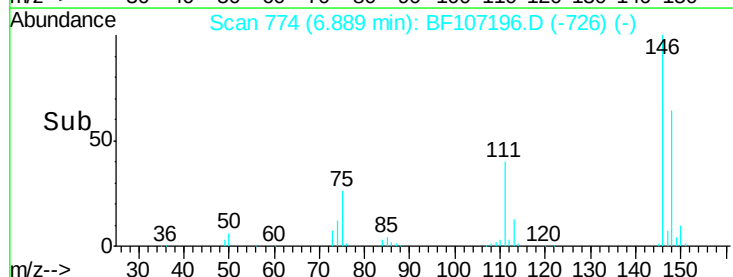
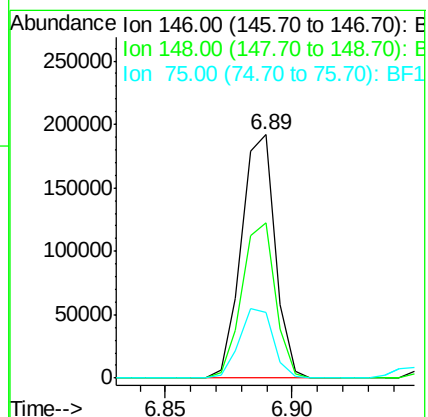
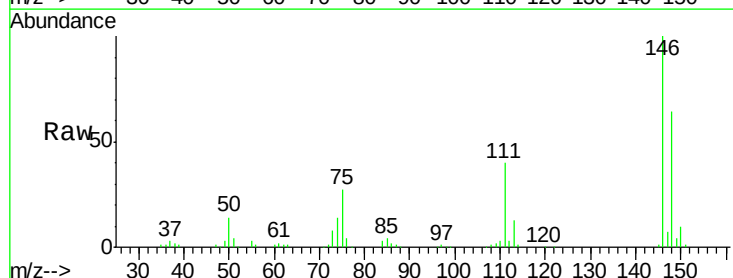
Tgt Ion: 146 Resp: 177878

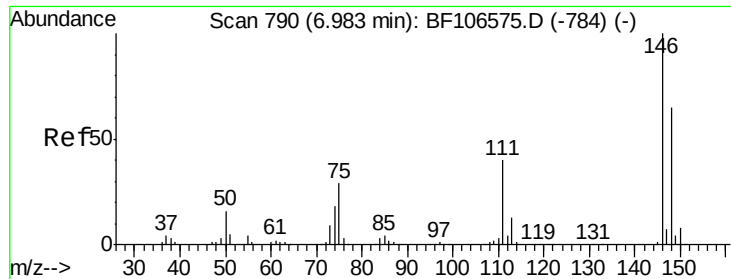
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.8

75 27.0 24.2 36.4

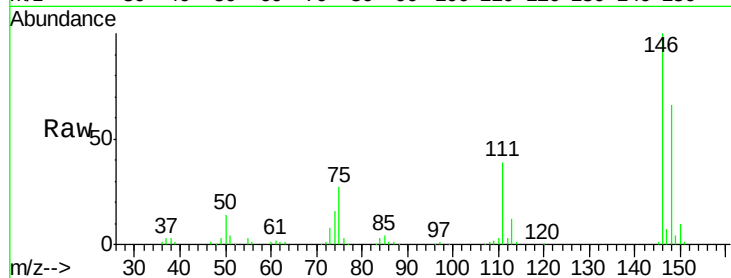




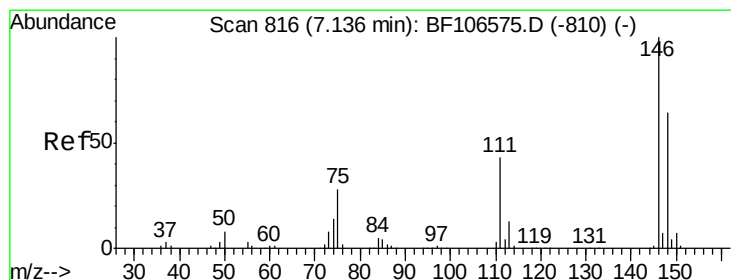
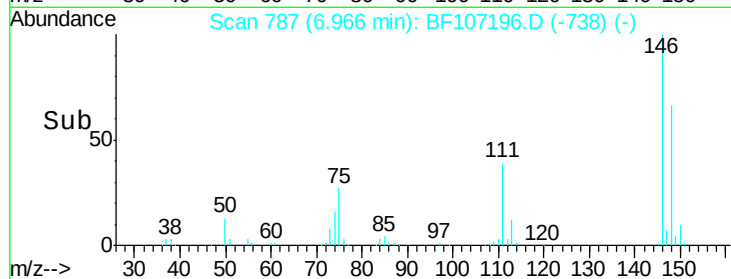
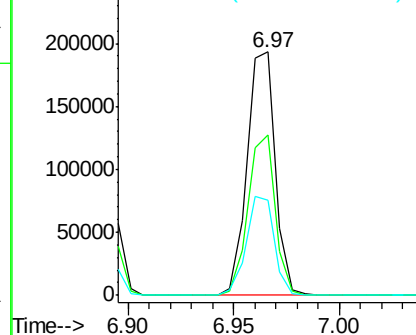
#13
 1,4-Dichlorobenzene
 Concen: 33.636 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:146 Resp: 178549
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 39.3 34.2 51.2

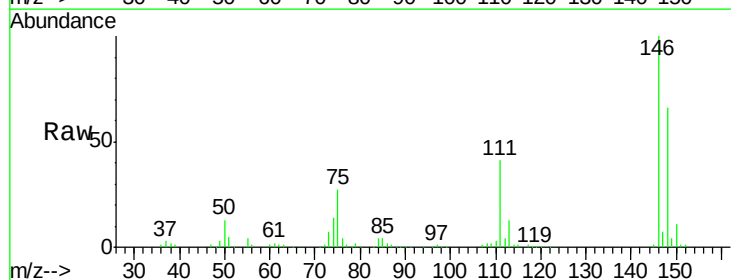


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

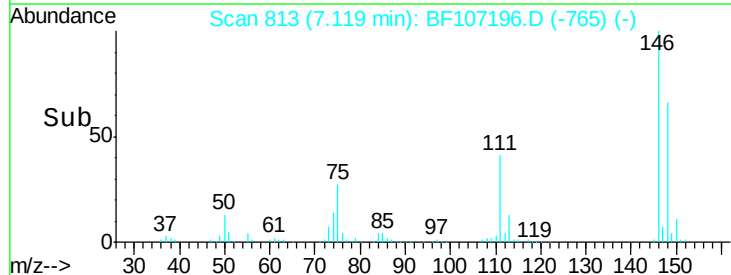
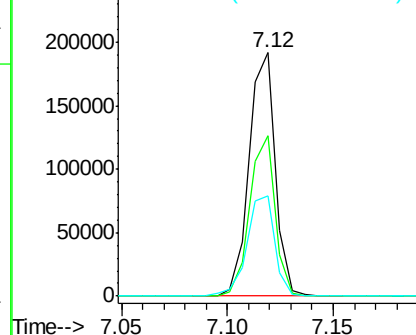


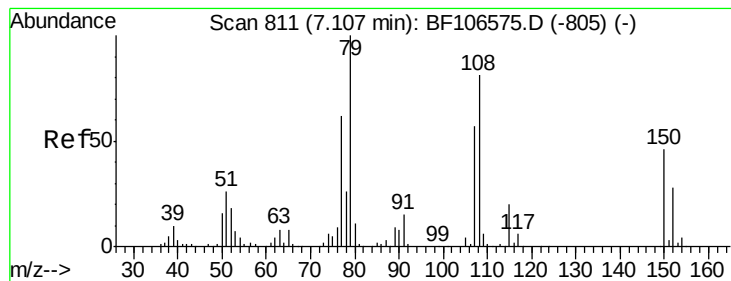
#14
 1,2-Dichlorobenzene
 Concen: 33.825 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:146 Resp: 164549
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.6 75.8
 111 41.1 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: 31.188 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

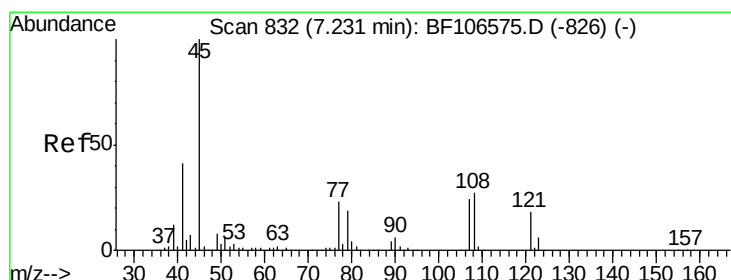
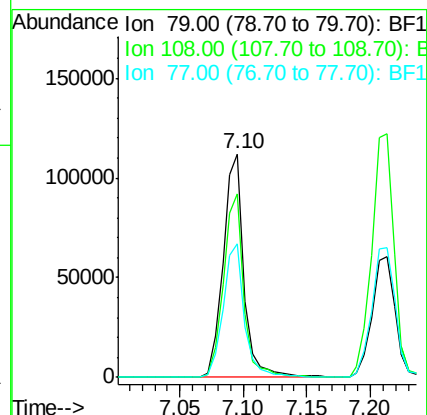
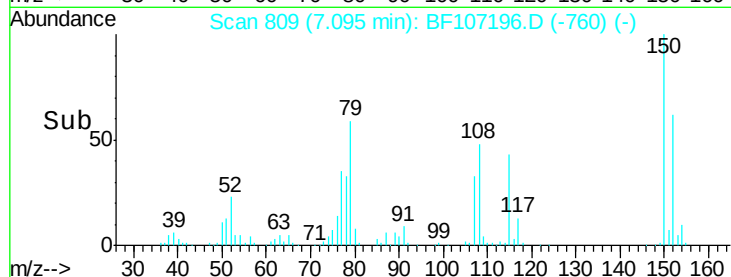
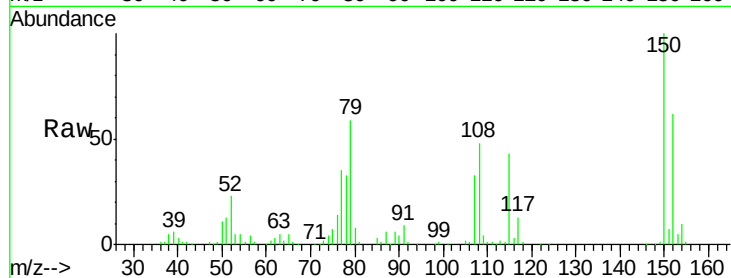
Tgt Ion: 79 Resp: 127822

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

77 59.4 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.504 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

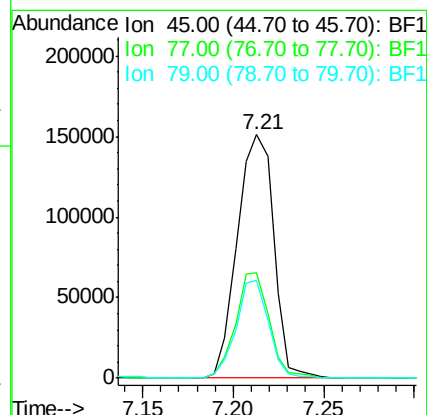
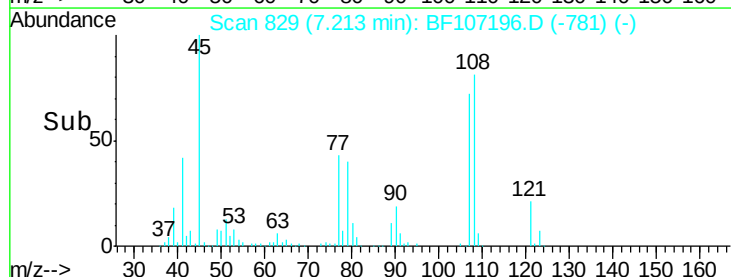
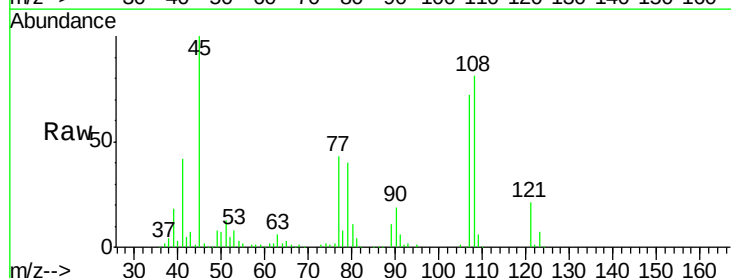
Tgt Ion: 45 Resp: 211388

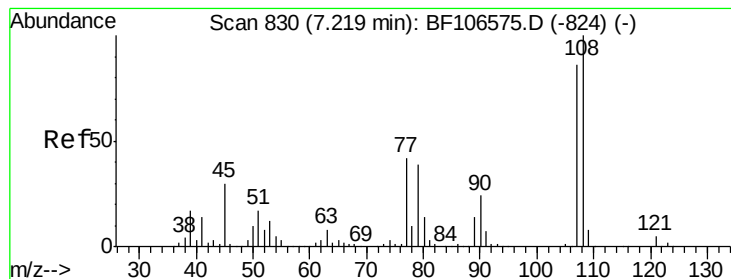
Ion Ratio Lower Upper

45 100

77 43.2 0.0 32.9#

79 40.0 0.0 29.6#





#17

2-Methylphenol

Concen: 34.103 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tgt Ion:107 Resp: 130829

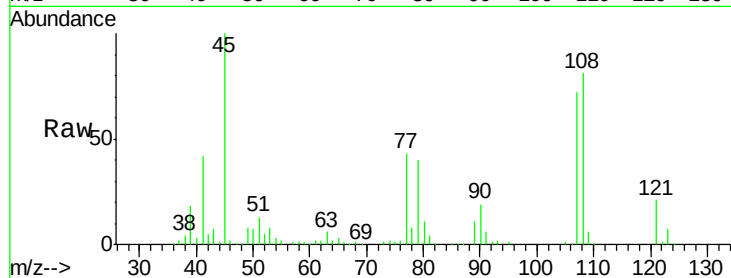
Ion Ratio Lower Upper

107 100

108 112.6 91.7 137.5

77 60.2 33.8 50.8#

79 55.8 33.8 50.8#

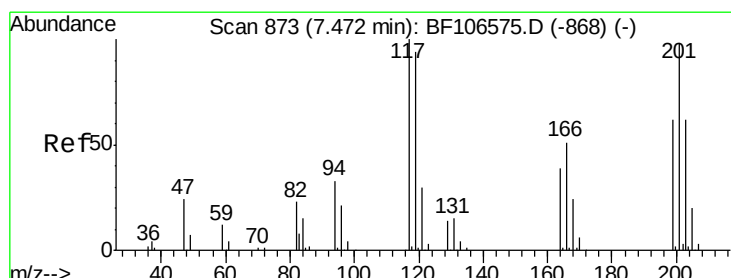
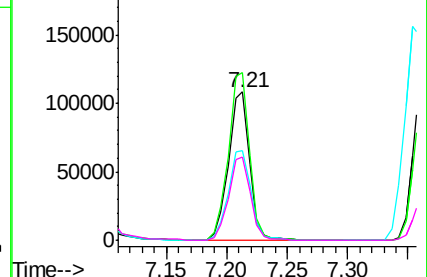
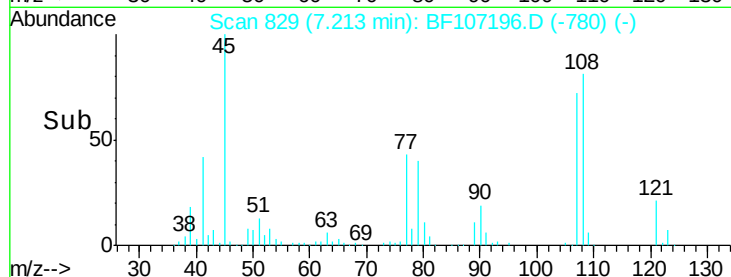


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.495 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

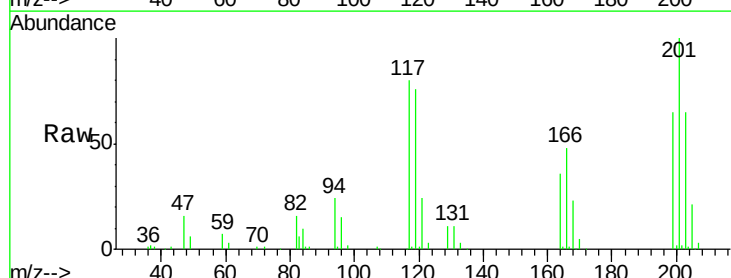
Tgt Ion:117 Resp: 60659

Ion Ratio Lower Upper

117 100

119 95.4 75.8 113.8

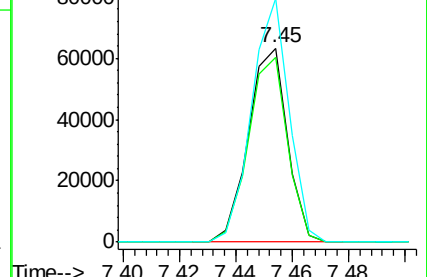
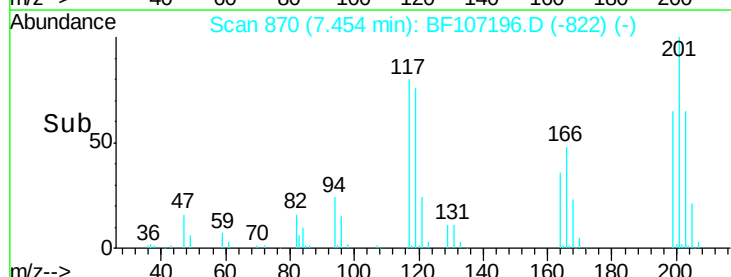
201 125.5 75.7 113.5#

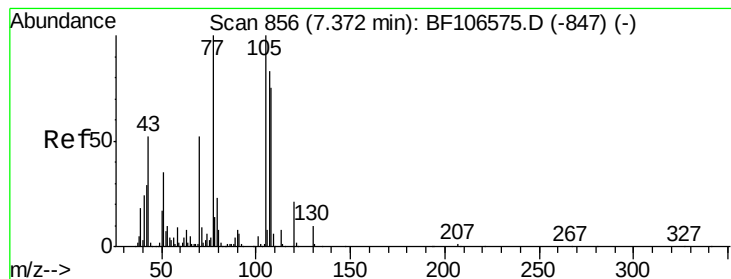


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.494 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tgt Ion: 70 Resp: 105959

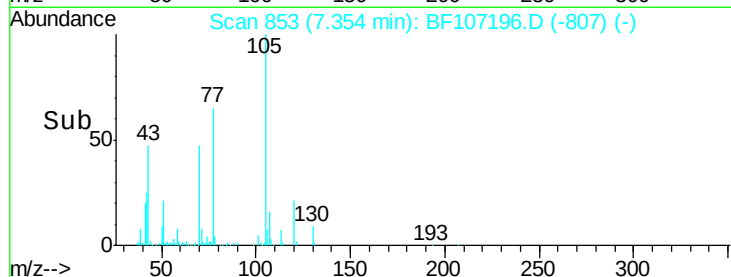
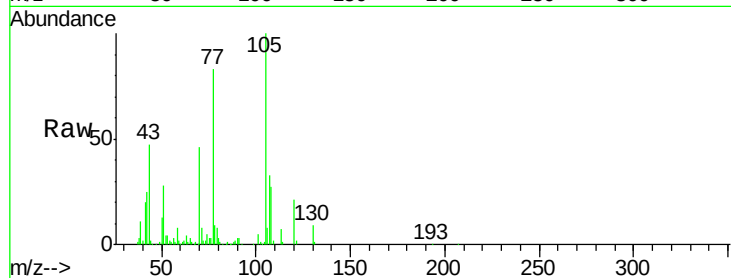
Ion Ratio Lower Upper

70 100

42 54.9 47.5 71.3

101 10.3 7.4 11.2

130 19.6 16.6 25.0

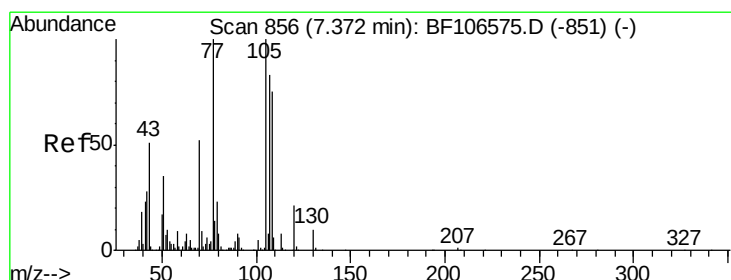
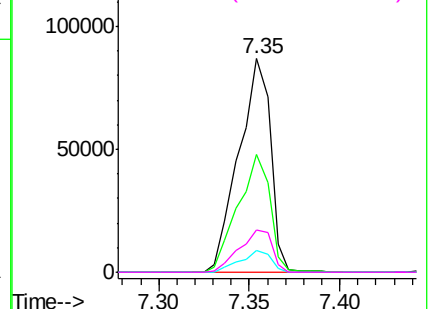


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.310 ng

RT: 7.37 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion: 107 Resp: 168652

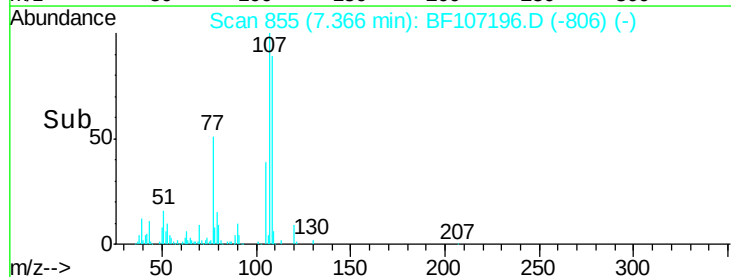
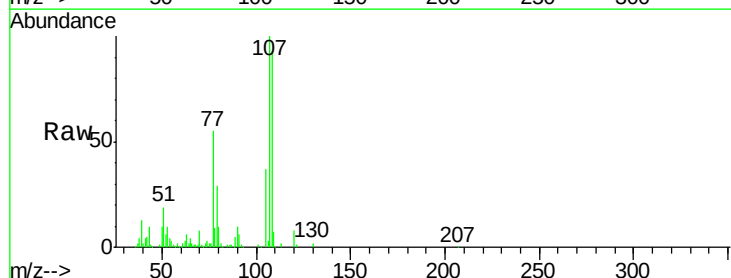
Ion Ratio Lower Upper

107 100

108 93.4 68.2 108.2

77 55.5 26.7 66.7

79 29.1 6.3 46.3

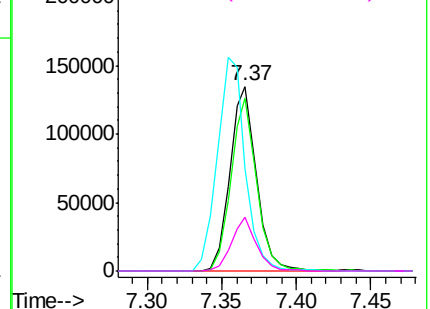


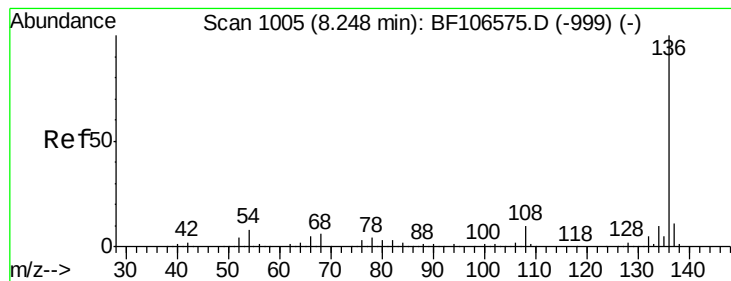
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

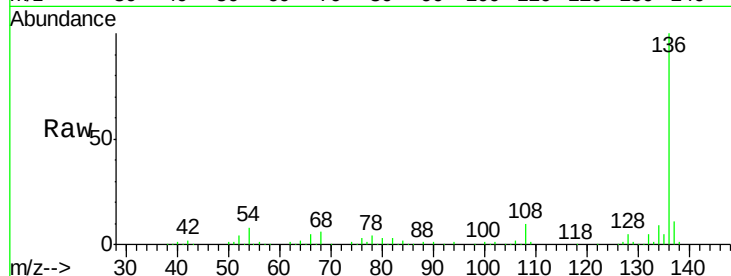




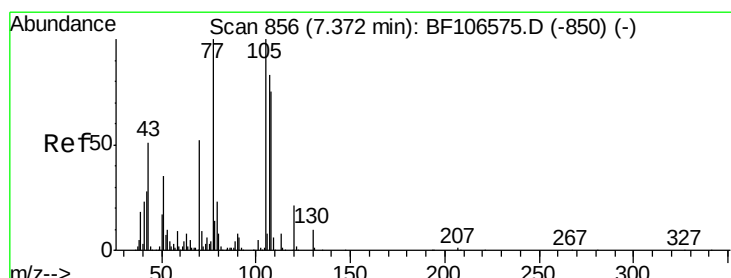
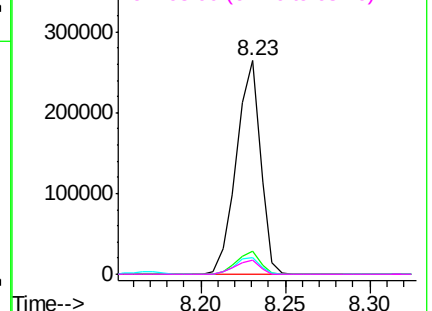
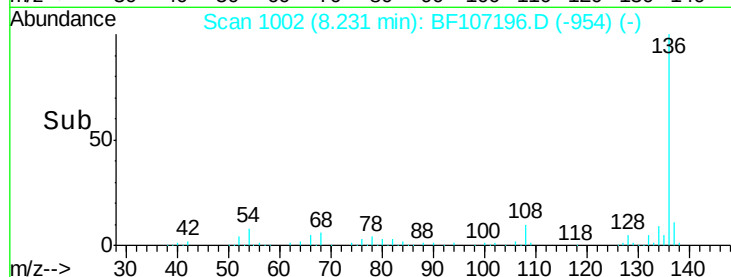
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:	136	Resp:	262349
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4

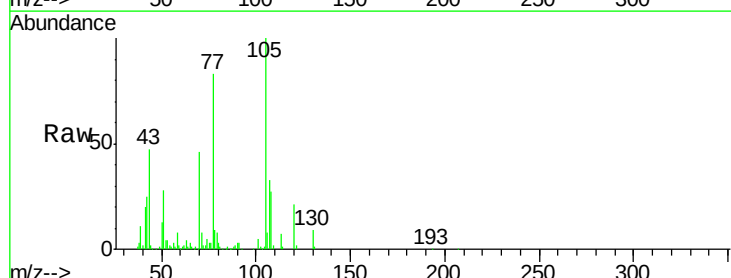


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

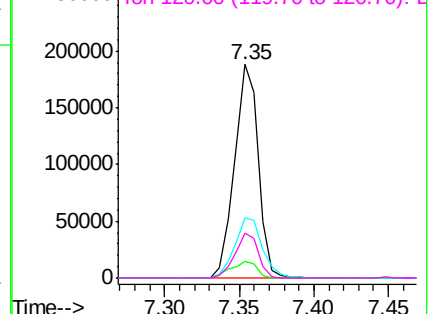
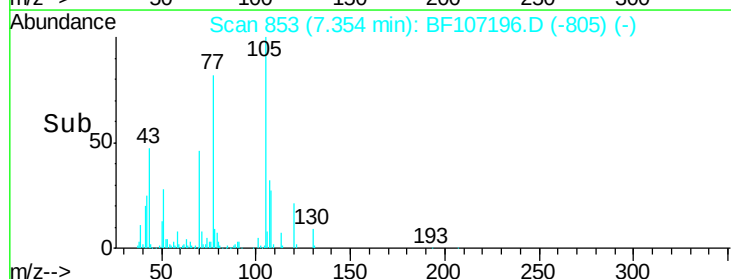


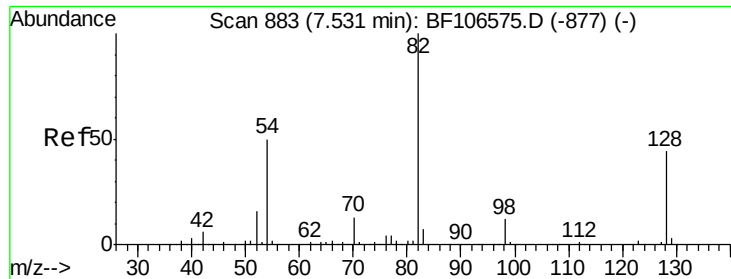
#22
Acetophenone
Concen: 36.042 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:	105	Resp:	211543
Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	28.0	22.3	33.5
120	20.9	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

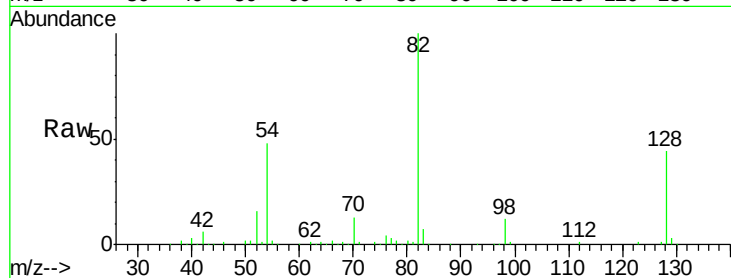




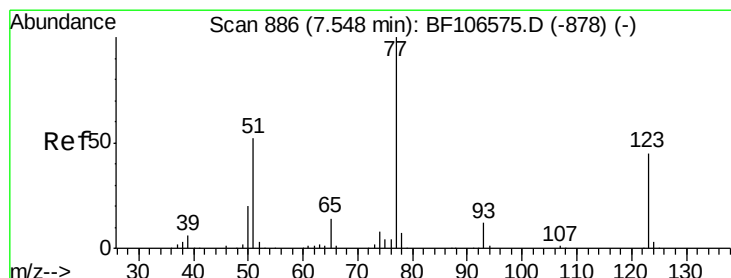
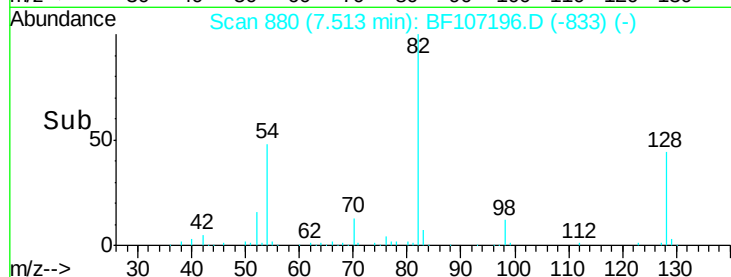
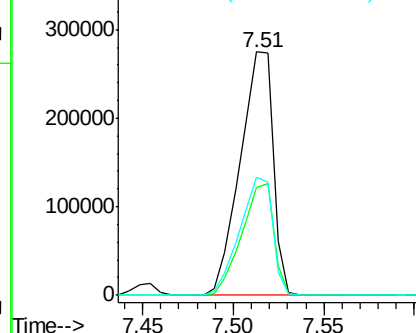
#23
 Nitrobenzene-d5
 Concen: 74.009 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion: 82 Resp: 349379
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 48.4 41.4 62.2

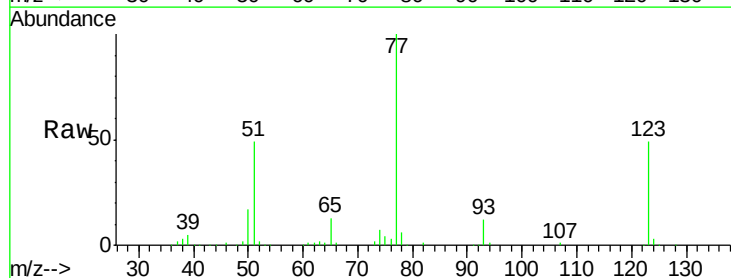


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

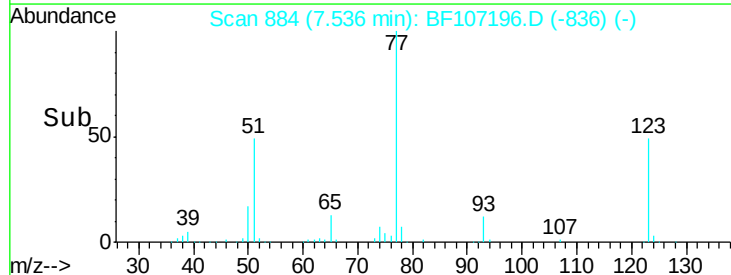
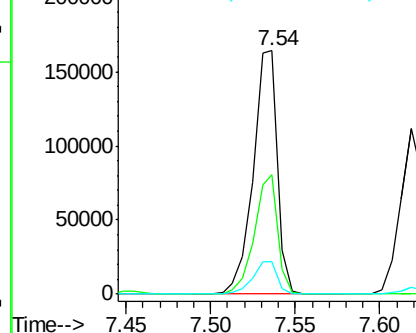


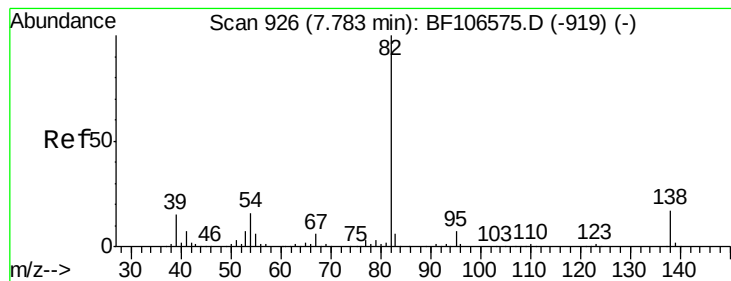
#24
 Nitrobenzene
 Concen: 34.433 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion: 77 Resp: 165955
 Ion Ratio Lower Upper
 77 100
 123 49.1 37.9 56.9
 65 13.2 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: 36.460 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

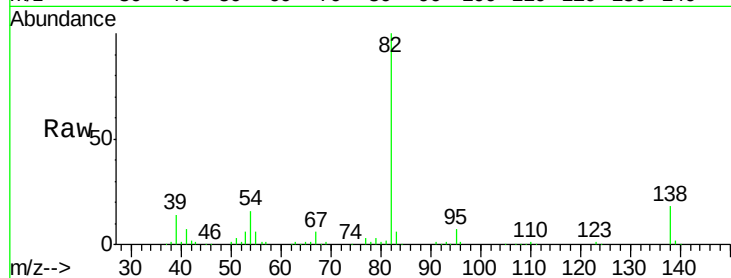
Tgt Ion: 82 Resp: 303298

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

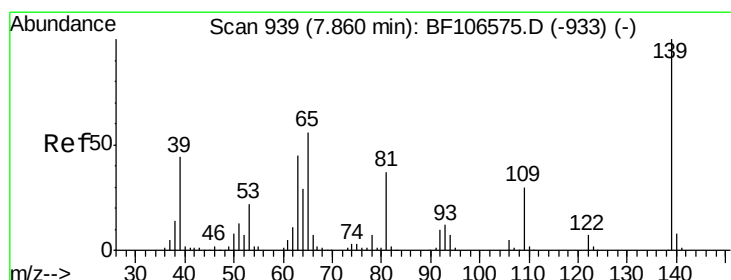
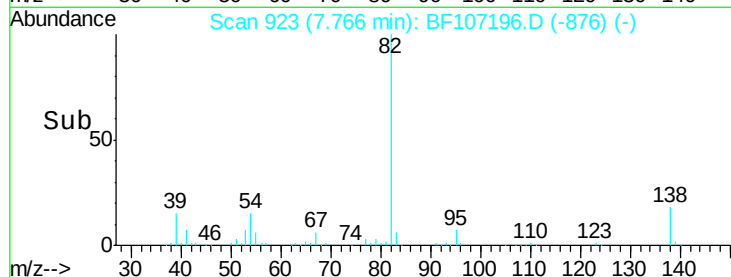
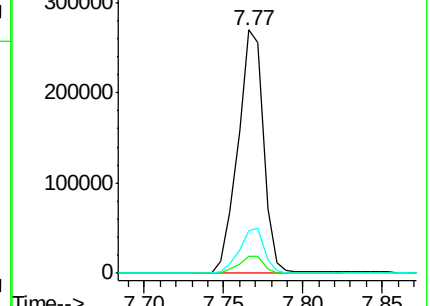
138 17.5 14.9 22.3



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: 38.405 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

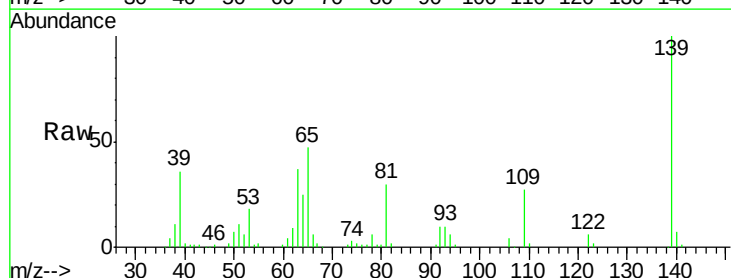
Tgt Ion: 139 Resp: 87379

Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

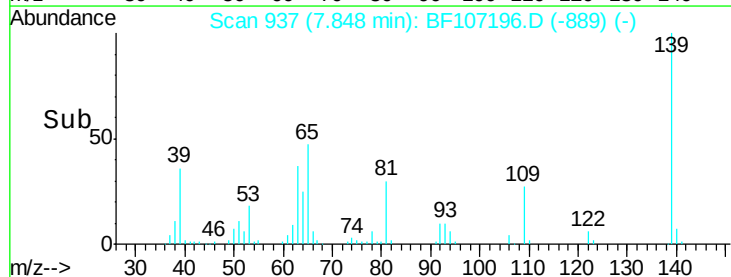
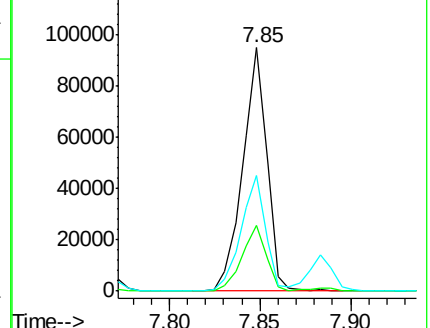
65 47.3 40.5 60.7

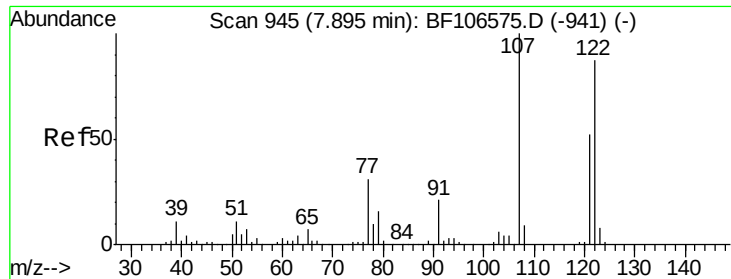


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

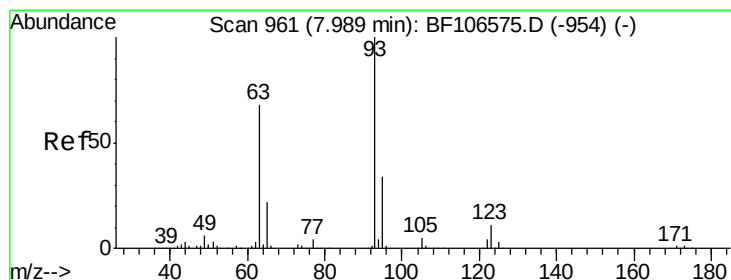
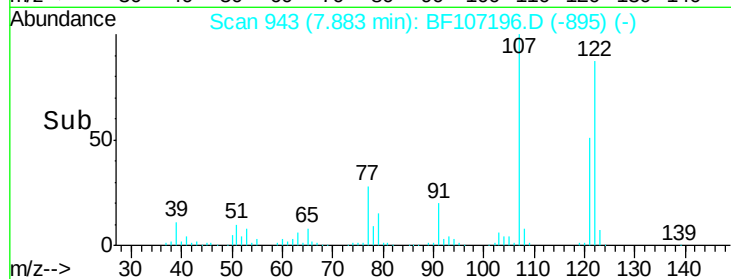
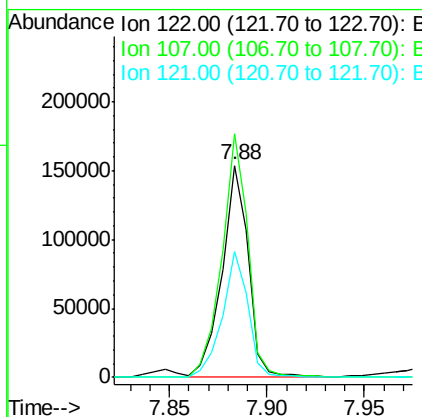
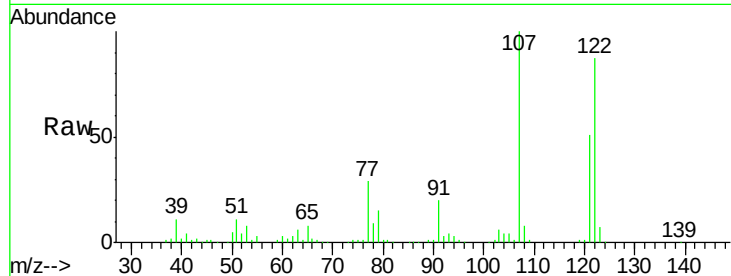




#27
2,4-Dimethylphenol
Concen: 40.755 ng
RT: 7.88 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

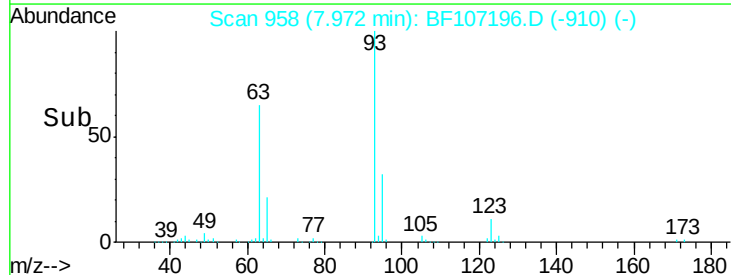
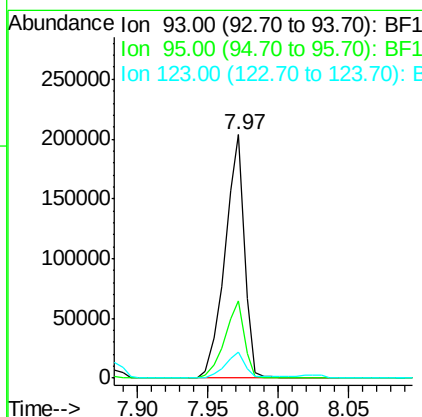
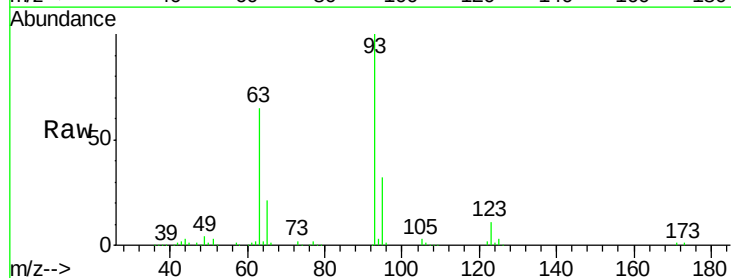
Instrument :
BNA_F
ClientSampleId :
PB110879BS

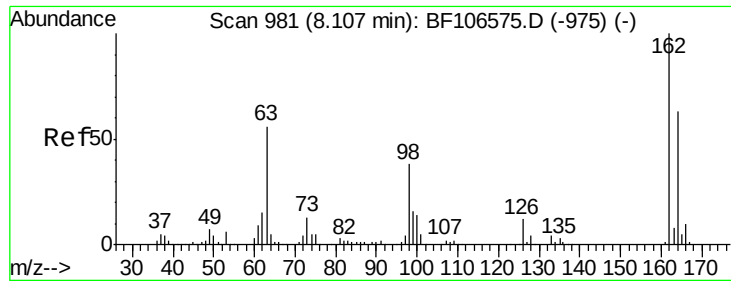
Tgt Ion:122 Resp: 143325
Ion Ratio Lower Upper
122 100
107 115.0 91.2 136.8
121 59.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 34.903 ng
RT: 7.97 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion: 93 Resp: 194945
Ion Ratio Lower Upper
93 100
95 31.7 26.3 39.5
123 10.9 9.8 14.6

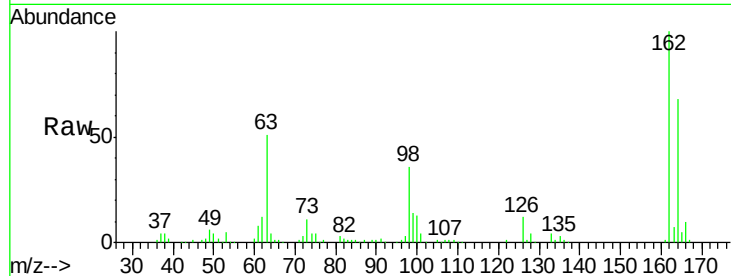




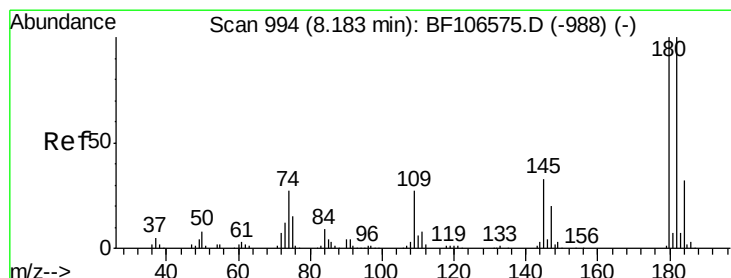
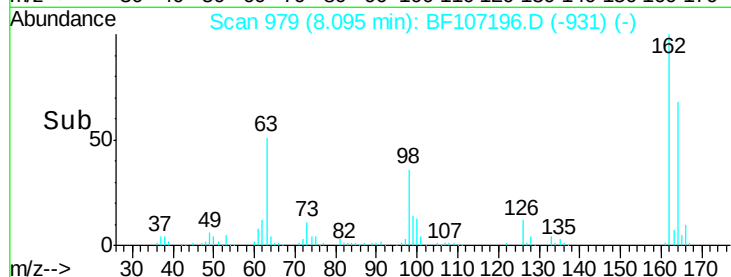
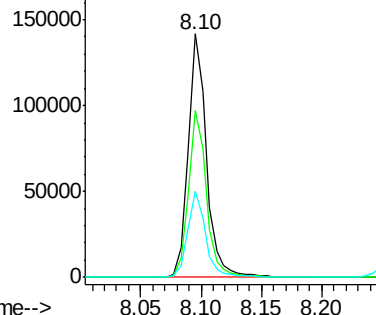
#29
2,4-Dichlorophenol
Concen: 39.777 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	68.3	42.7	82.7
98	35.6	18.1	58.1

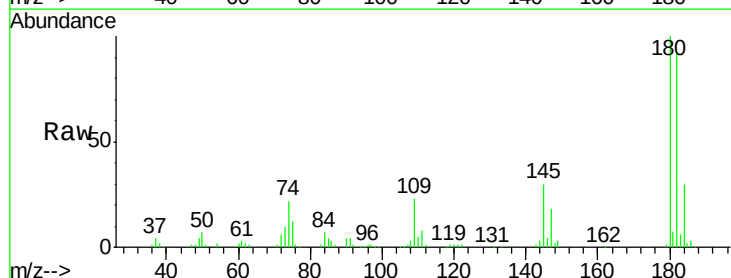


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

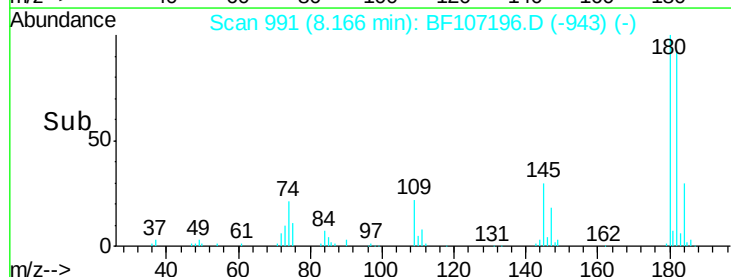
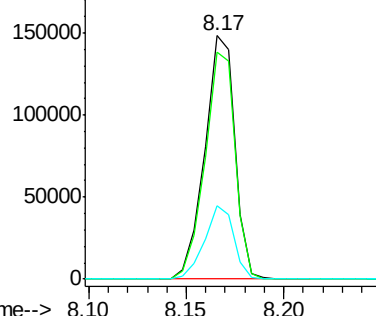


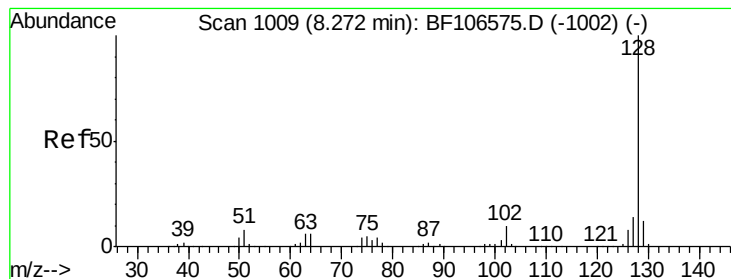
#30
1,2,4-Trichlorobenzene
Concen: 39.039 ng
RT: 8.17 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.8	115.2
145	30.2	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: 36.551 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

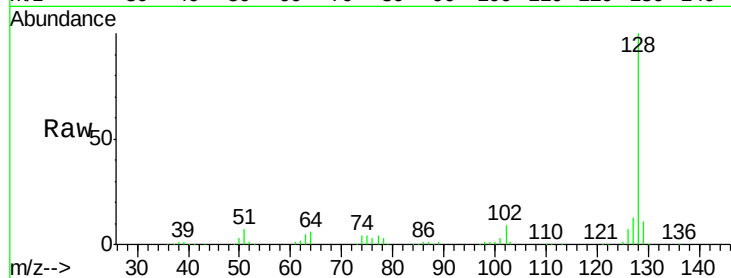
Tgt Ion:128 Resp: 448318

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

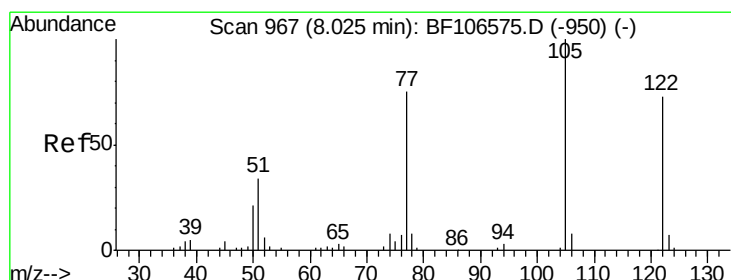
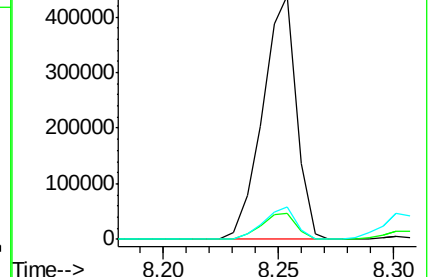
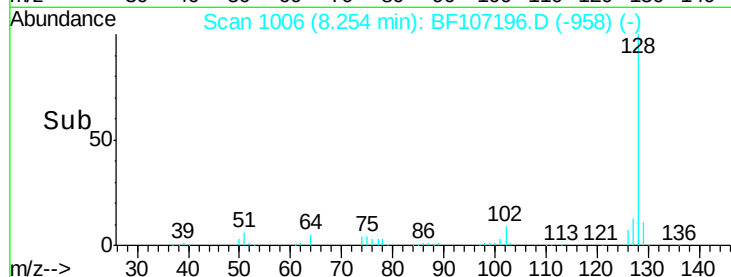
127 13.4 10.9 16.3



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: 30.929 ng

RT: 8.03 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

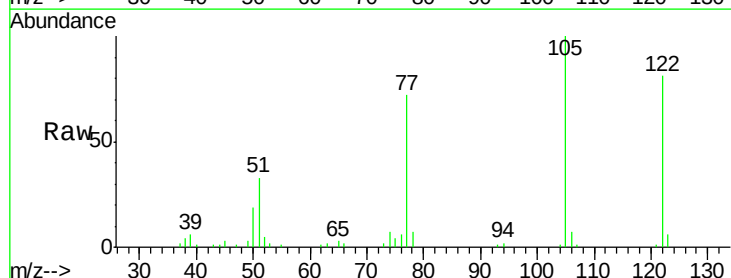
Tgt Ion:122 Resp: 73196

Ion Ratio Lower Upper

122 100

105 123.1 101.1 141.1

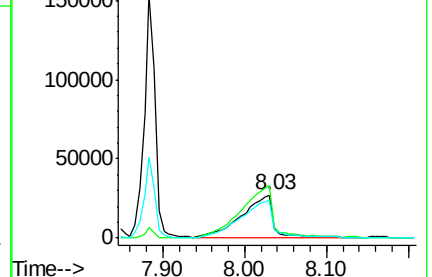
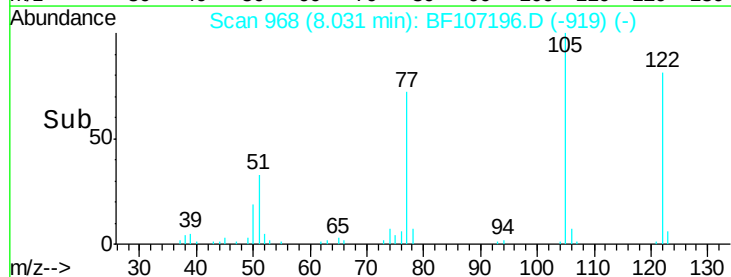
77 88.7 70.7 110.7

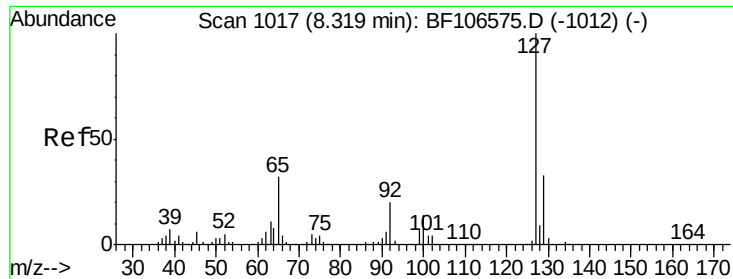


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

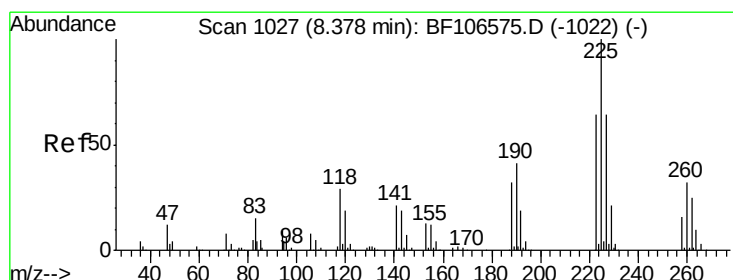
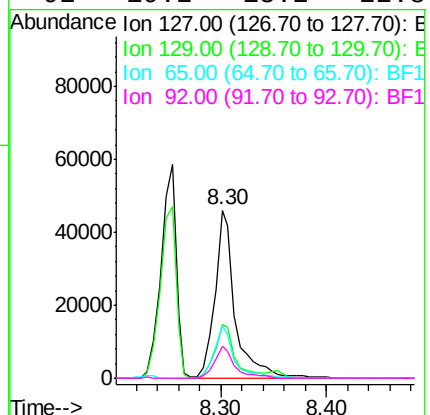
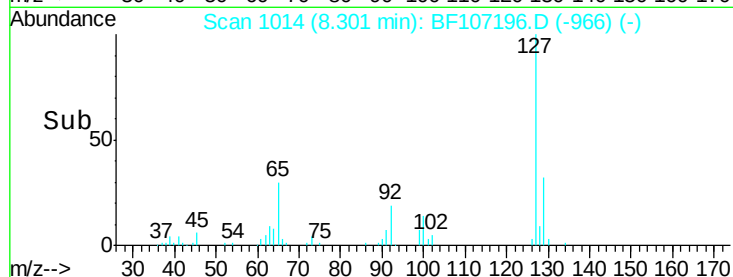
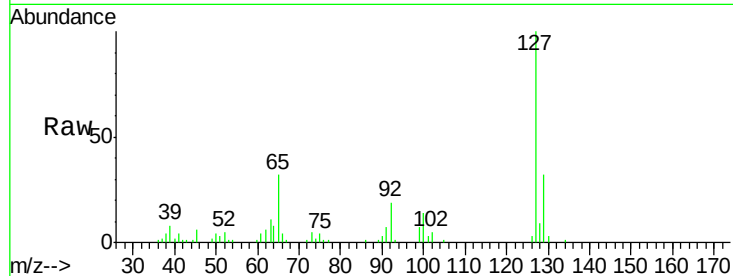




#33
4-Chloroaniline
Concen: 12.191 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

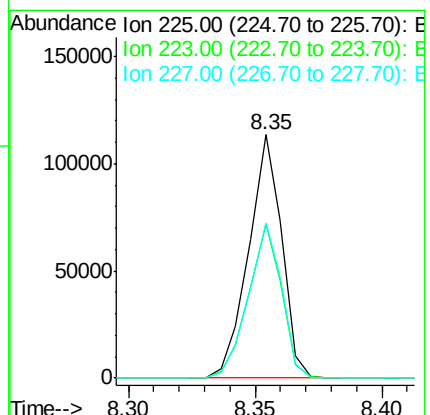
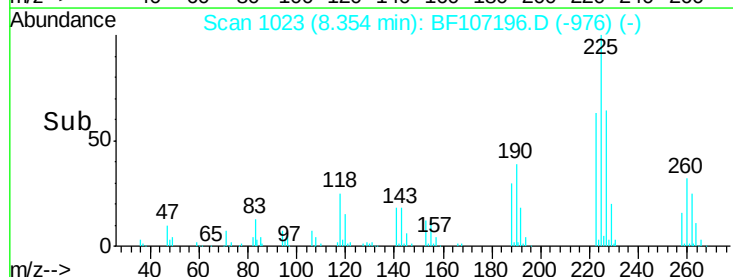
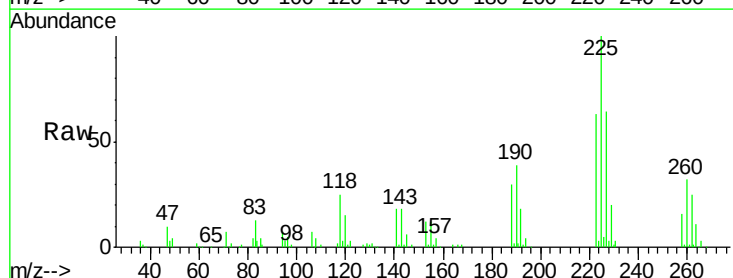
Instrument :
BNA_F
ClientSampleId :
PB110879BS

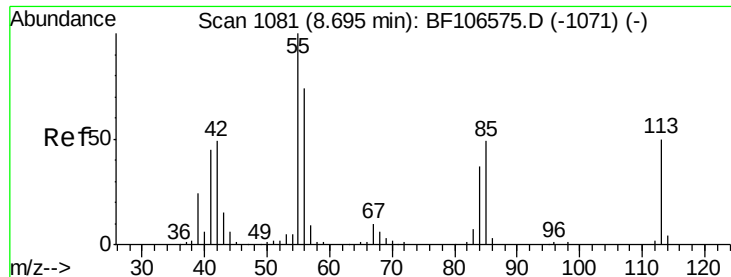
Tgt Ion:	127	Resp:	62741
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	31.6	25.0	37.4
92	19.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.825 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:	225	Resp:	102607
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	63.9	51.9	77.9

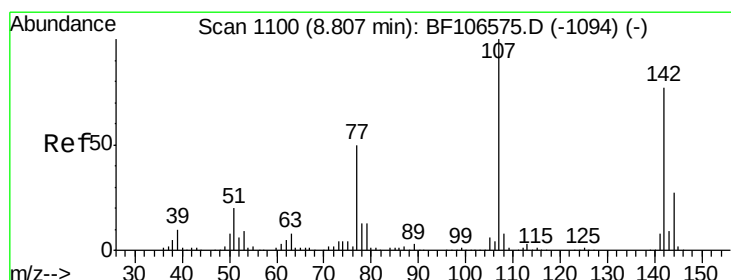
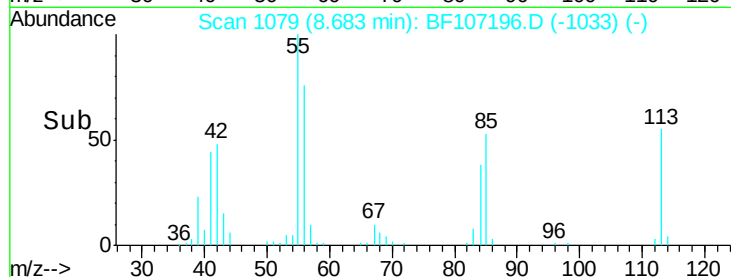
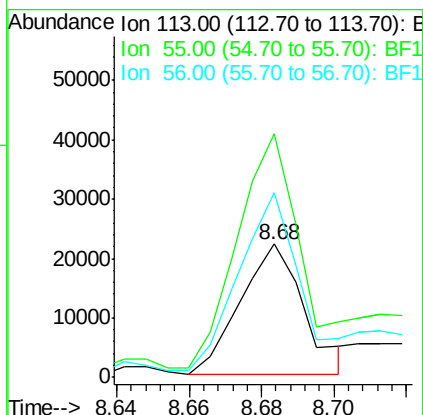
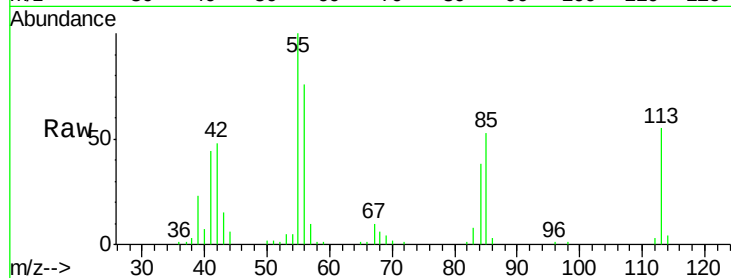




#35
 Caprolactam
 Concen: 22.052 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

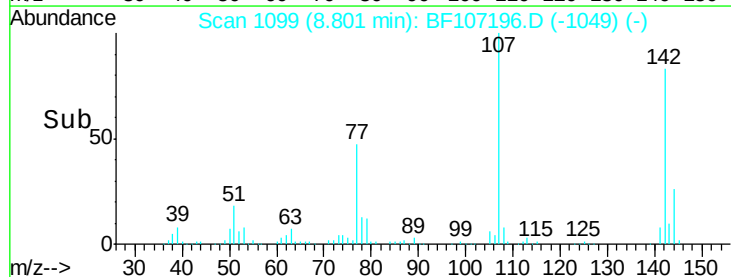
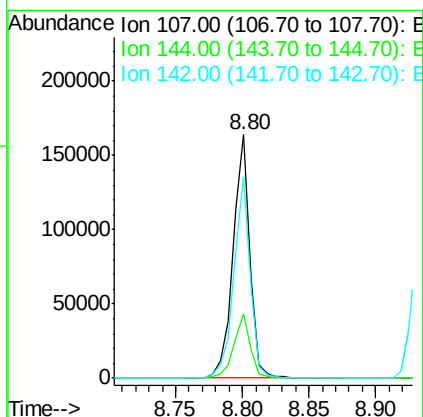
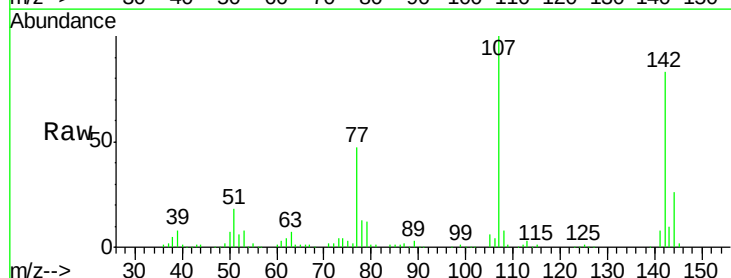
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

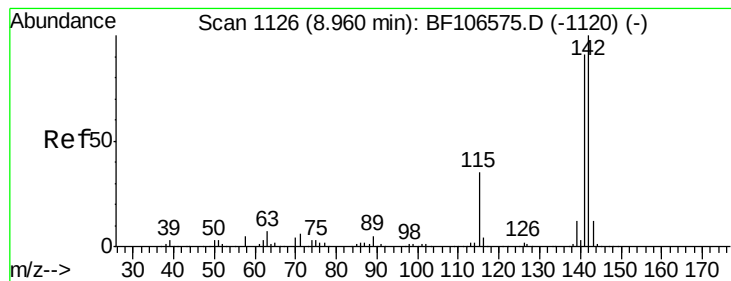
Tgt Ion:113 Resp: 26466
 Ion Ratio Lower Upper
 113 100
 55 182.8 163.3 203.3
 56 138.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.715 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:107 Resp: 146159
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 82.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 41.146 ng

RT: 8.94 min Scan# 1123

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

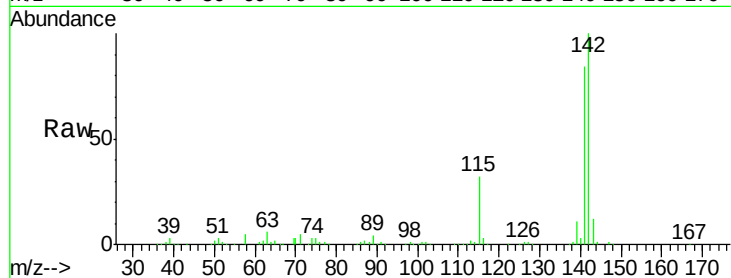
Tgt Ion:142 Resp: 334511

Ion Ratio Lower Upper

142 100

141 83.8 70.8 106.2

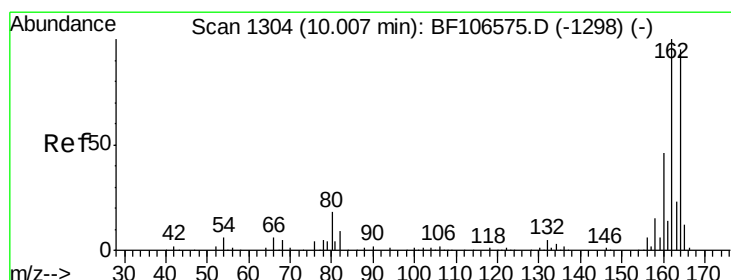
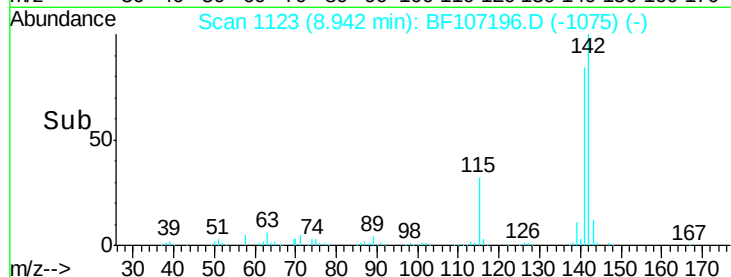
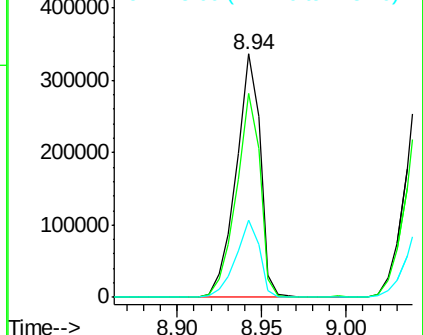
115 31.8 26.1 39.1



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: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

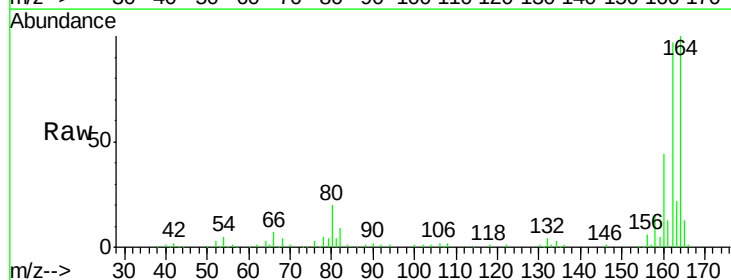
Tgt Ion:164 Resp: 140762

Ion Ratio Lower Upper

164 100

162 96.7 86.1 129.1

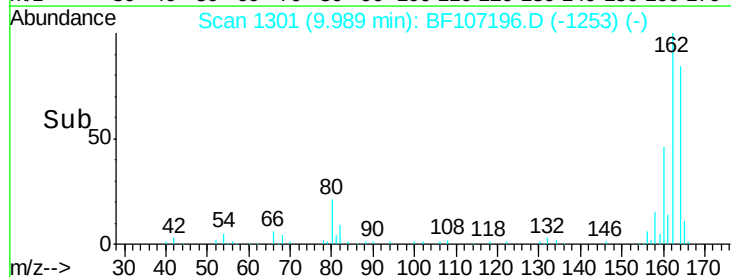
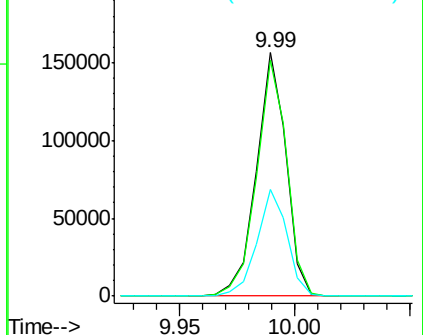
160 43.6 38.3 57.5

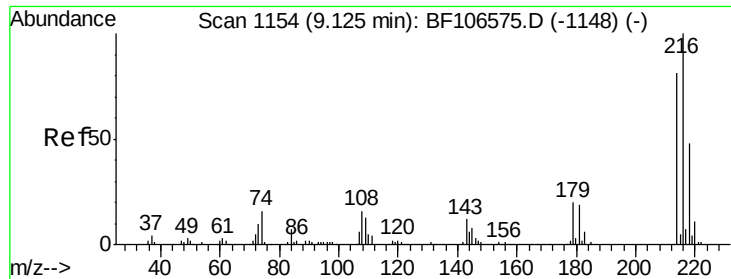


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

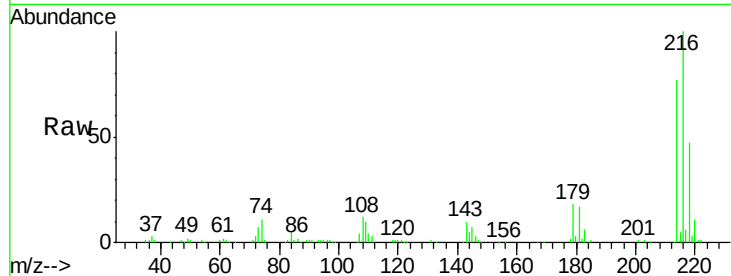




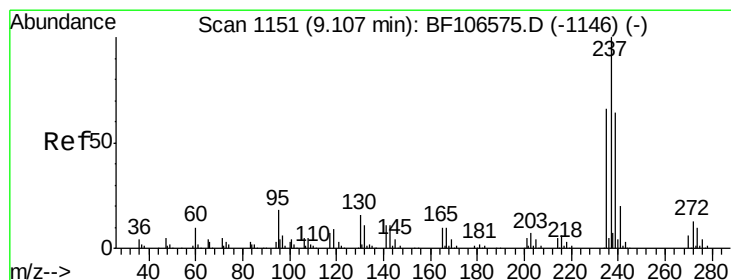
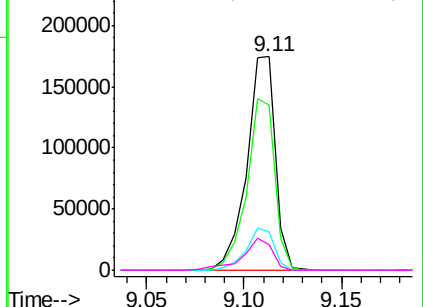
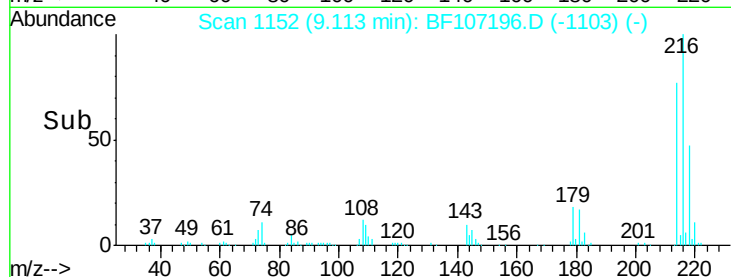
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.272 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:216 Resp: 176684
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.0 94.4
 179 19.2 18.1 27.1
 108 15.4 17.2 25.8#

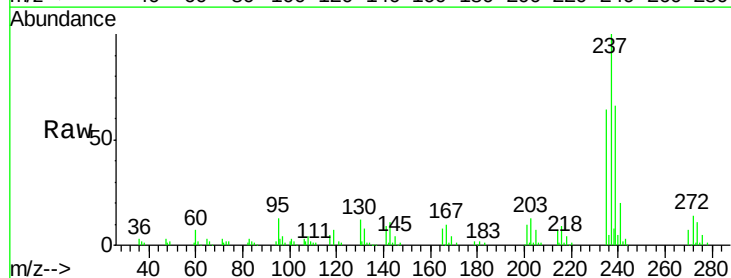


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

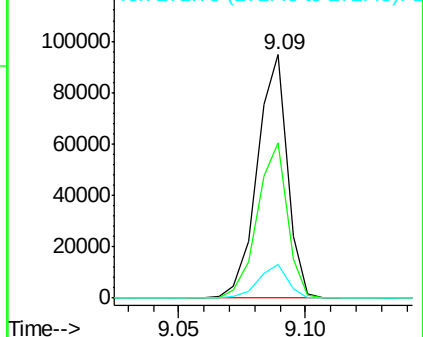
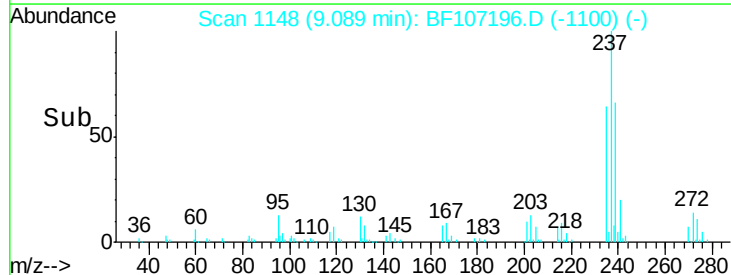


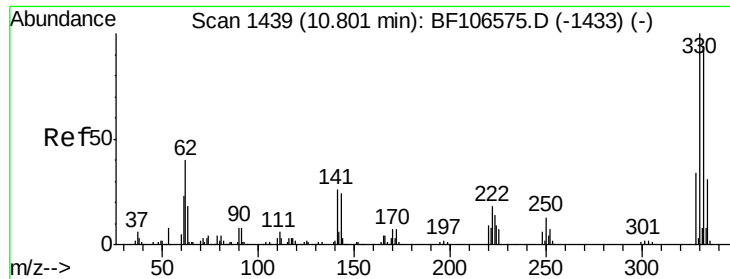
#40
 Hexachlorocyclopentadiene
 Concen: 32.263 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:237 Resp: 78687
 Ion Ratio Lower Upper
 237 100
 235 63.7 44.8 84.8
 272 13.8 0.0 33.3



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

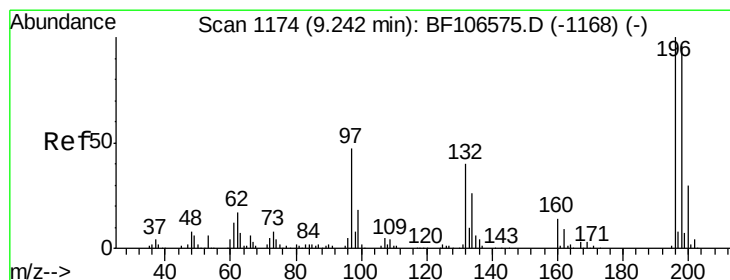
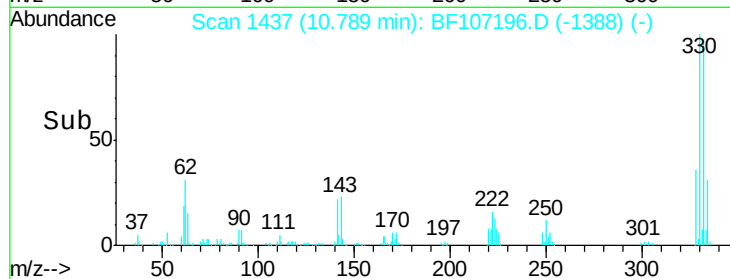
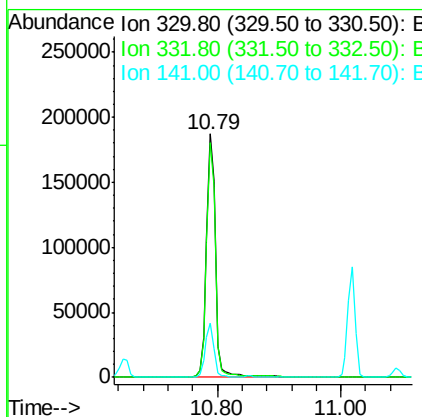
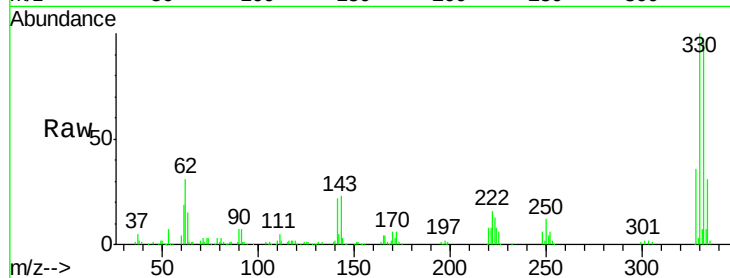




#41
 2,4,6-Tribromophenol
 Concen: 118.362 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

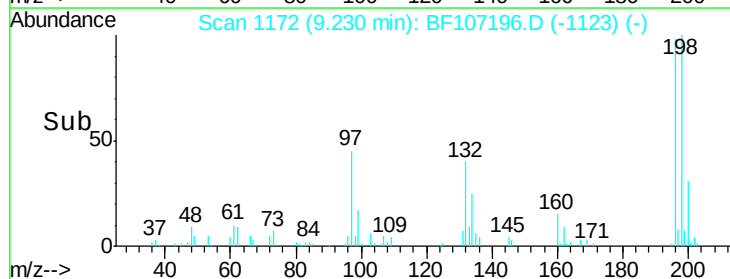
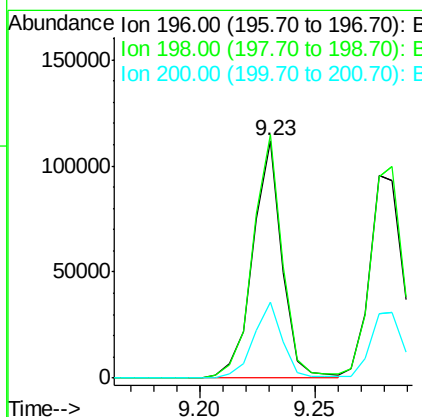
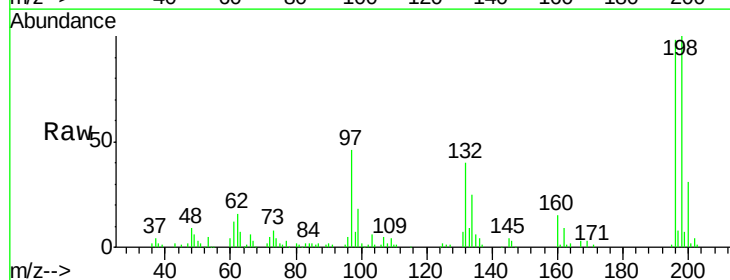
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

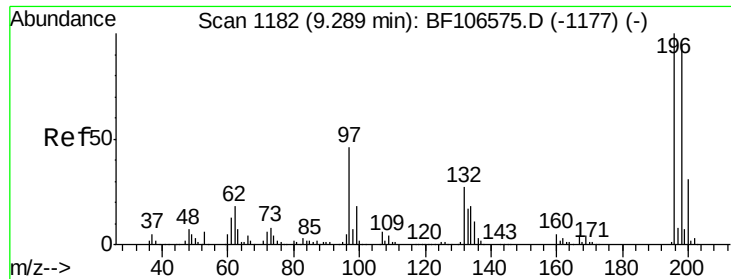
Tgt Ion:330 Resp: 193104
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 21.4 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 31.537 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:196 Resp: 99374
 Ion Ratio Lower Upper
 196 100
 198 102.5 75.7 113.5
 200 32.1 24.5 36.7

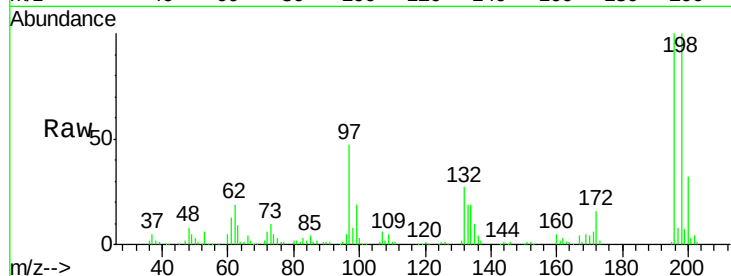




#43
 2,4,5-Trichlorophenol
 Concen: 30.991 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.6	74.6	112.0
97	46.6	42.9	64.3
132	27.4	26.3	39.5



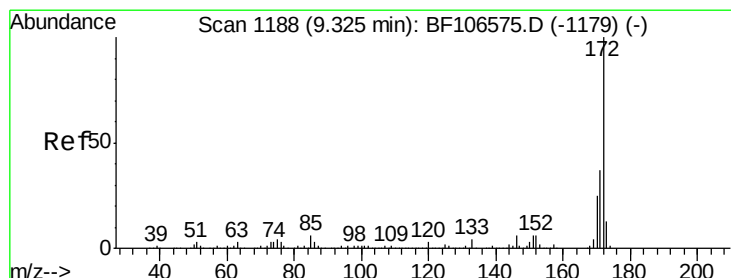
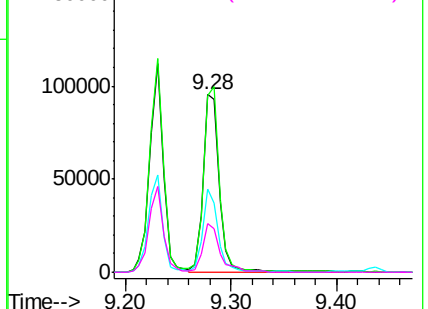
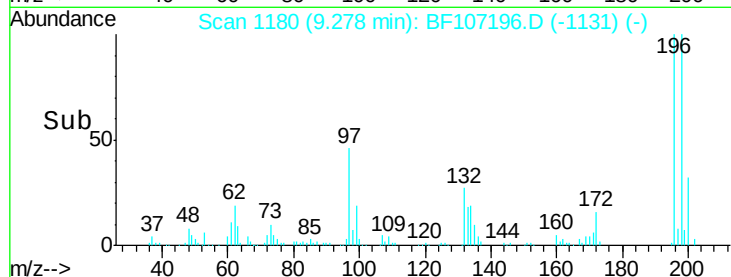
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

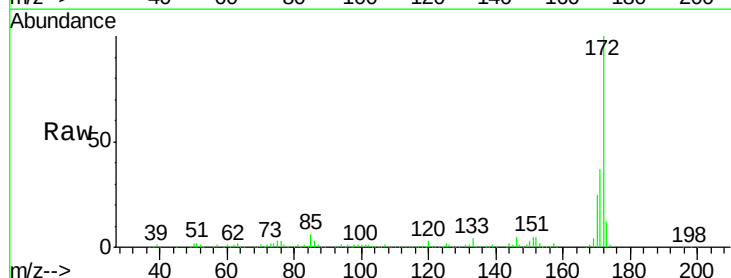
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.779 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

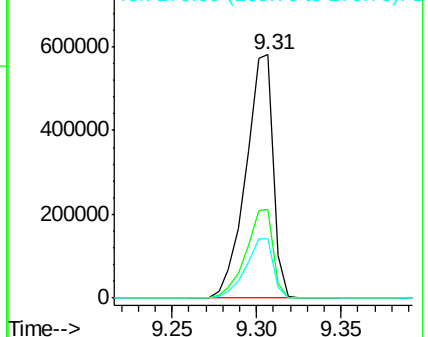
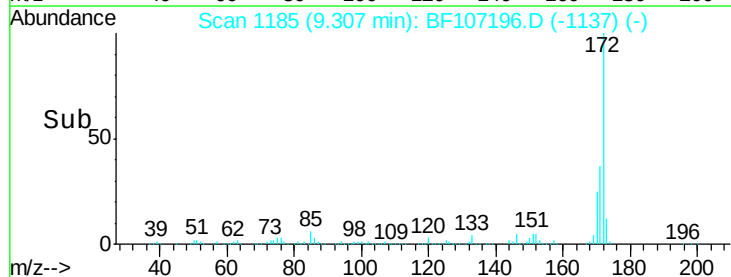


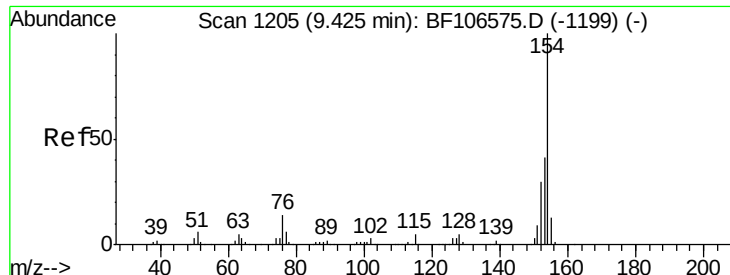
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

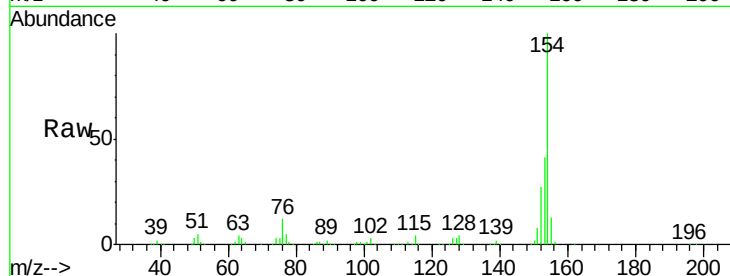




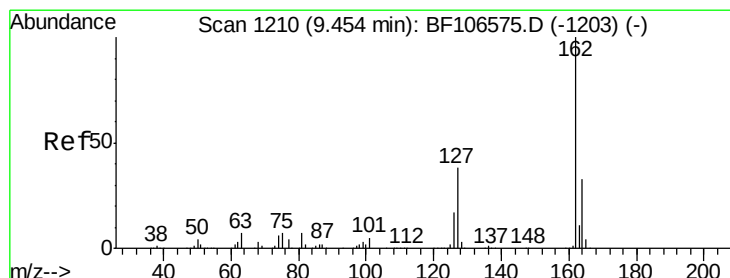
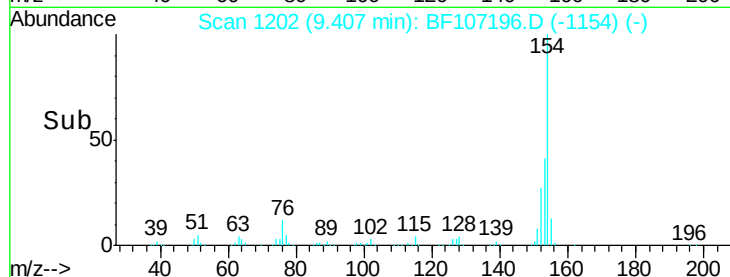
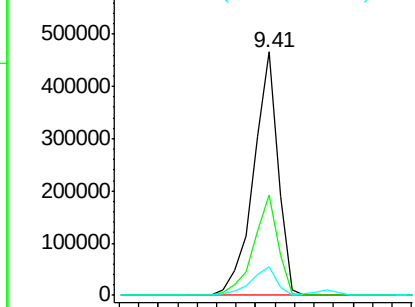
#45
 1,1'-Biphenyl
 Concen: 36.026 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:154 Resp: 404136
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.3 61.3
 76 11.6 0.0 34.0

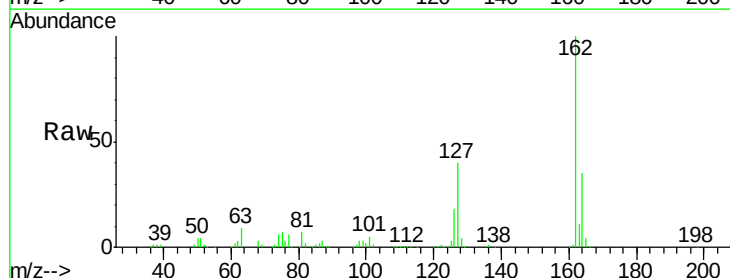


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

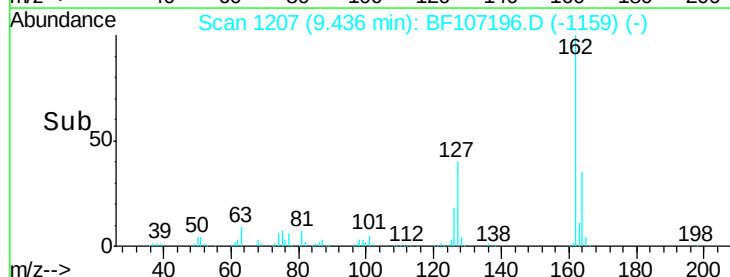
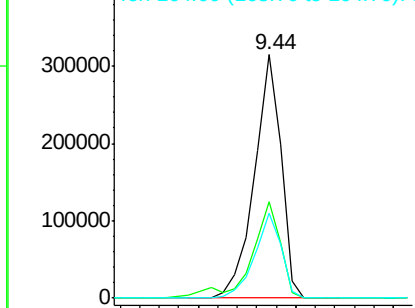


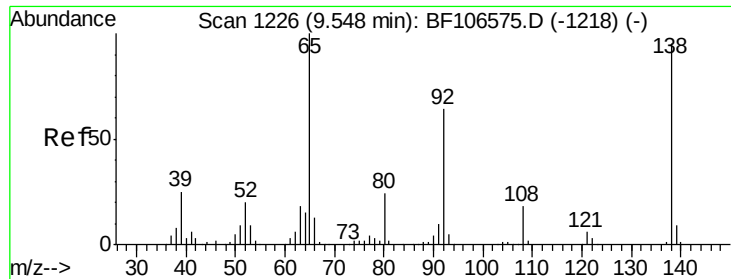
#46
 2-Chloronaphthalene
 Concen: 33.705 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:162 Resp: 297618
 Ion Ratio Lower Upper
 162 100
 127 39.8 33.9 50.9
 164 34.8 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: 30.955 ng

RT: 9.54 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

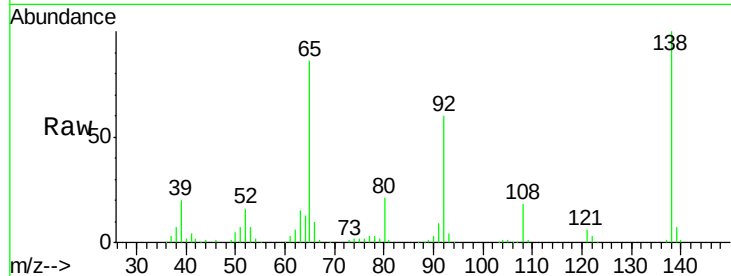
Tgt Ion: 65 Resp: 91917

Ion Ratio Lower Upper

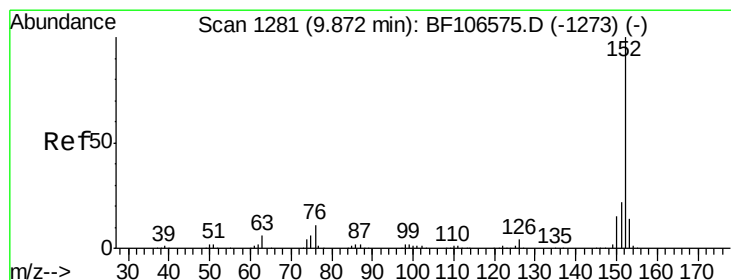
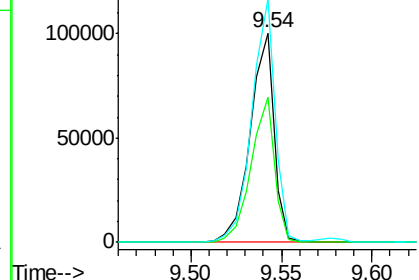
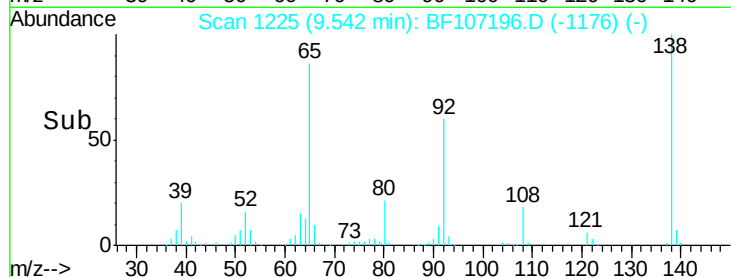
65 100

92 69.7 55.8 83.6

138 116.4 91.2 136.8



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



#48

Acenaphthylene

Concen: 33.790 ng

RT: 9.85 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

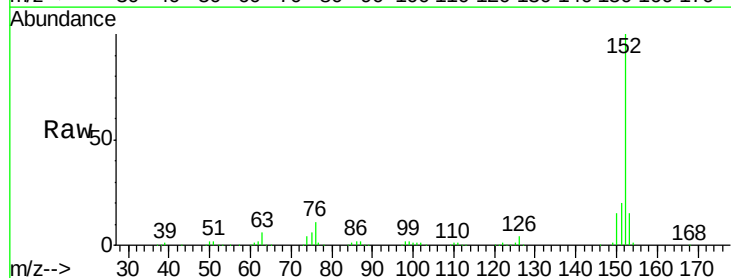
Tgt Ion: 152 Resp: 471075

Ion Ratio Lower Upper

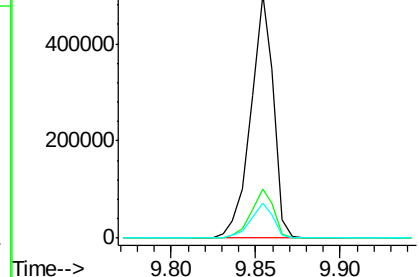
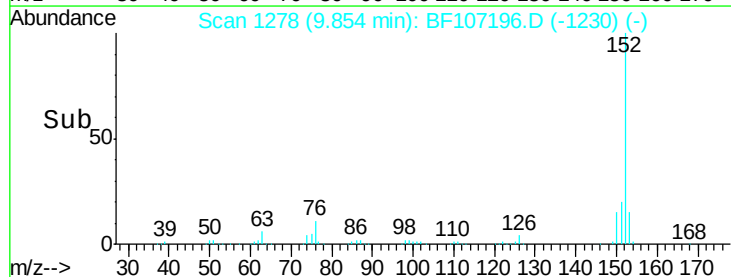
152 100

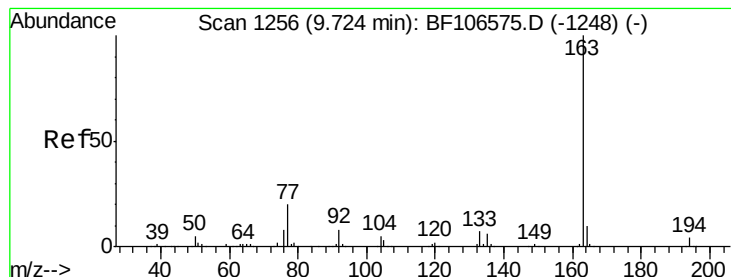
151 20.4 16.3 24.5

153 14.5 10.7 16.1



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





#49

Dimethylphthalate

Concen: 33.353 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

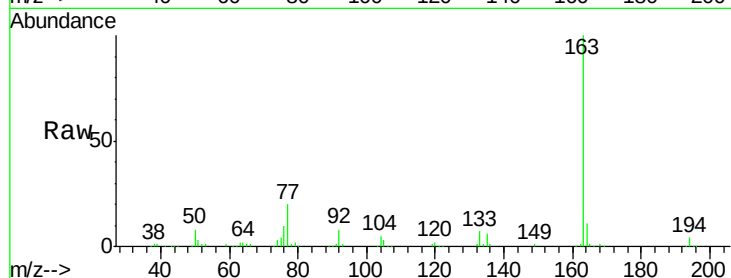
Tgt Ion:163 Resp: 352117

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

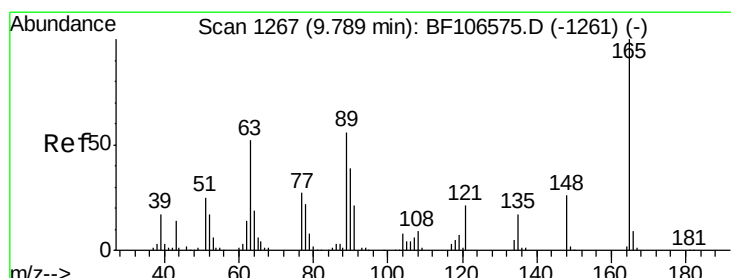
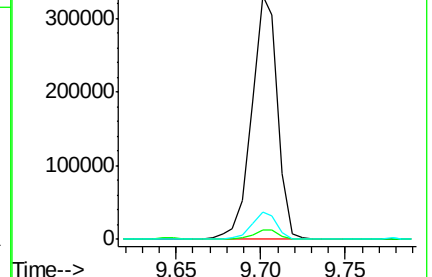
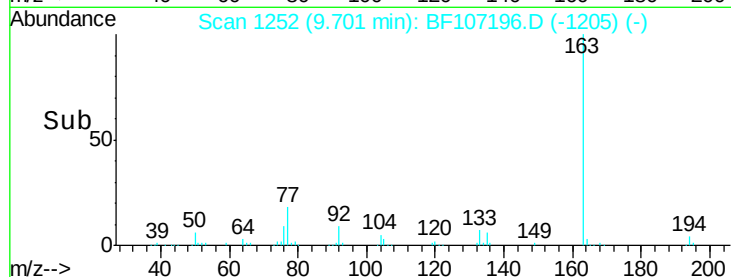
164 11.2 8.2 12.2



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: 36.659 ng

RT: 9.78 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

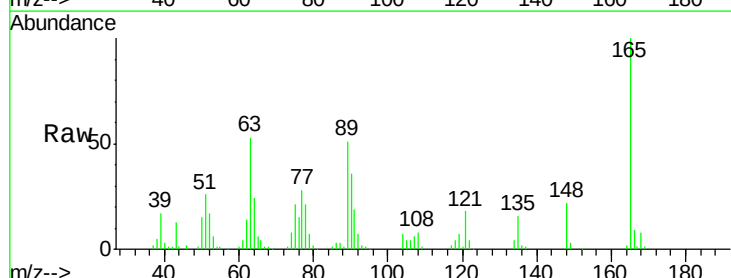
Tgt Ion:165 Resp: 81952

Ion Ratio Lower Upper

165 100

63 52.7 44.7 67.1

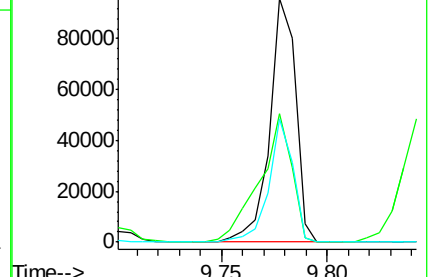
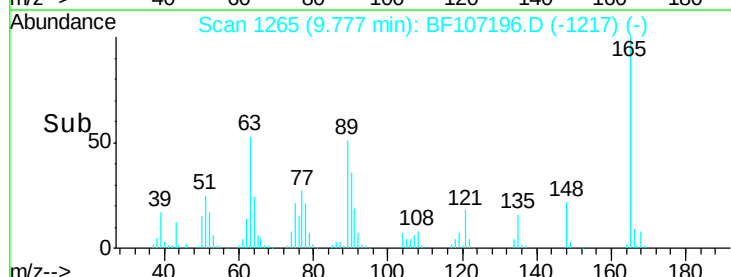
89 50.9 44.0 66.0

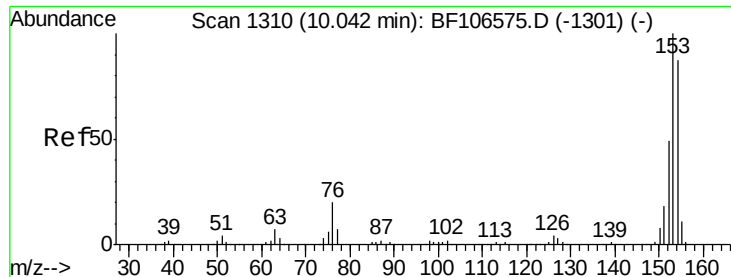


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.193 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

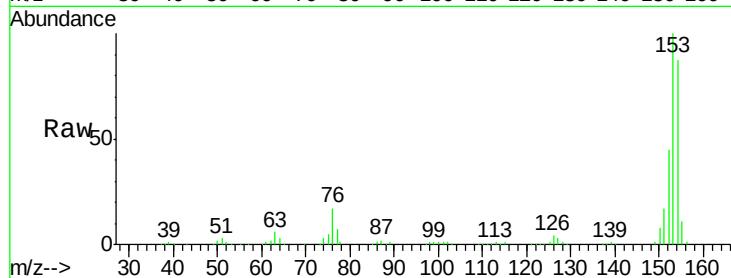
Tgt Ion:154 Resp: 282617

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

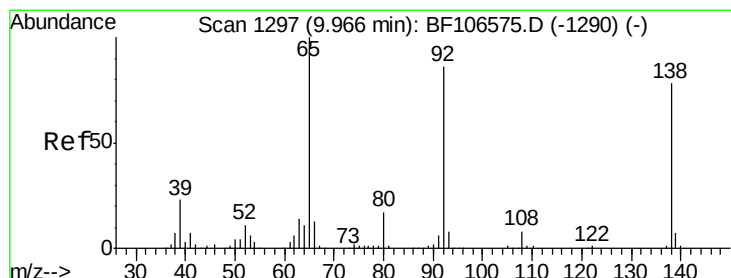
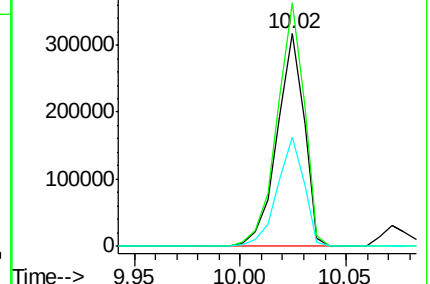
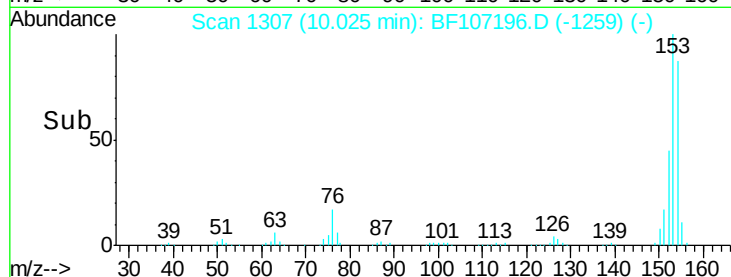
152 51.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.055 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

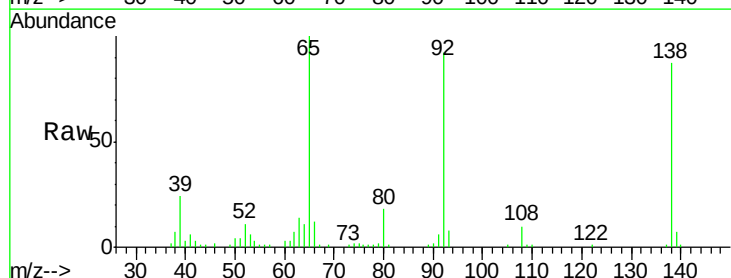
Tgt Ion:138 Resp: 41301

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

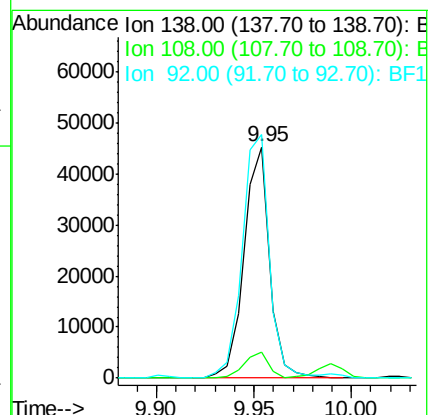
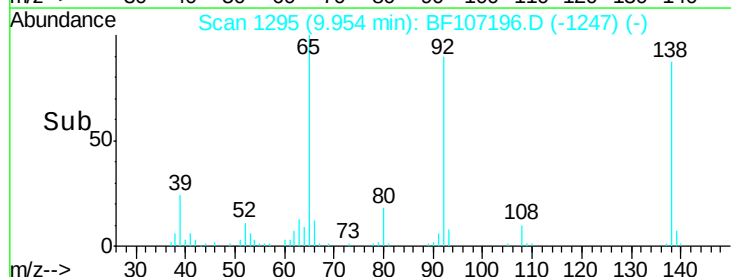
92 105.2 89.4 134.2

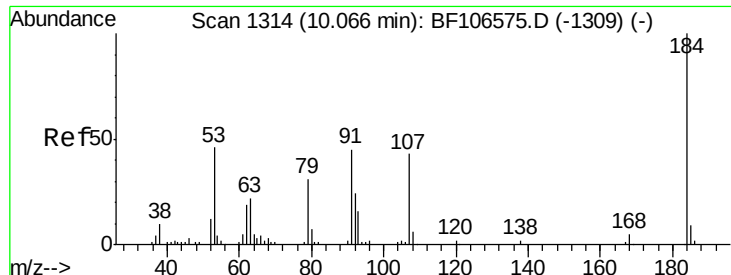


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

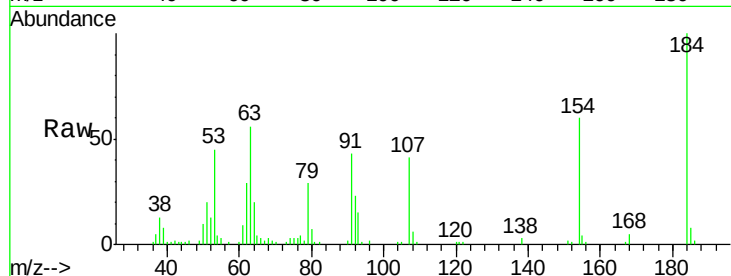




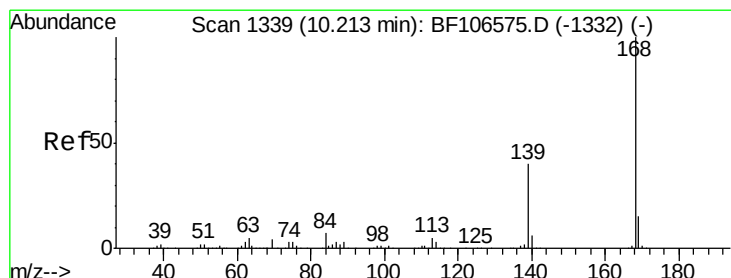
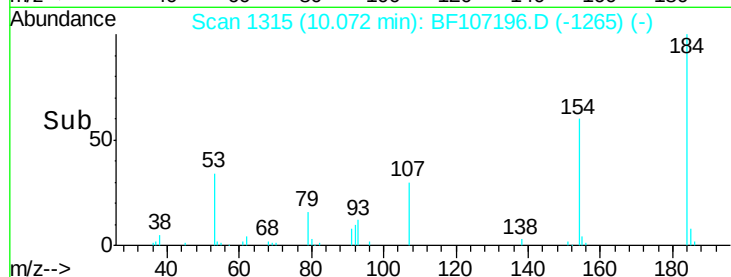
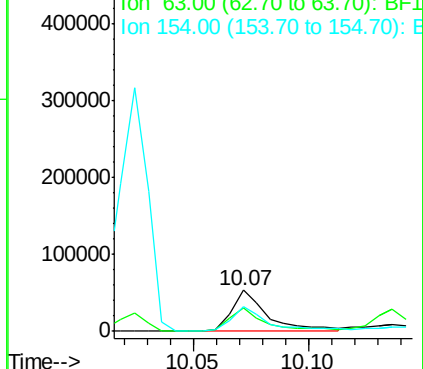
#53
2,4-Dinitrophenol
Concen: 51.853 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:184 Resp: 57924
Ion Ratio Lower Upper
184 100
63 56.2 54.2 81.2
154 59.6 184.0 276.0#

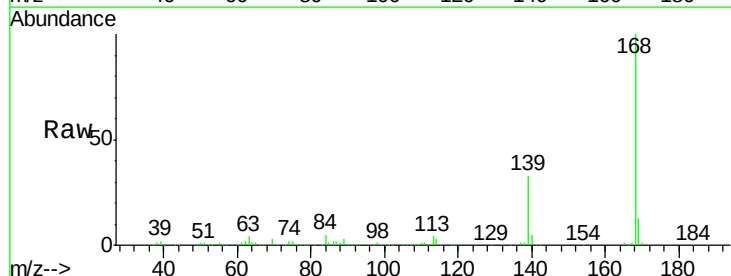


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

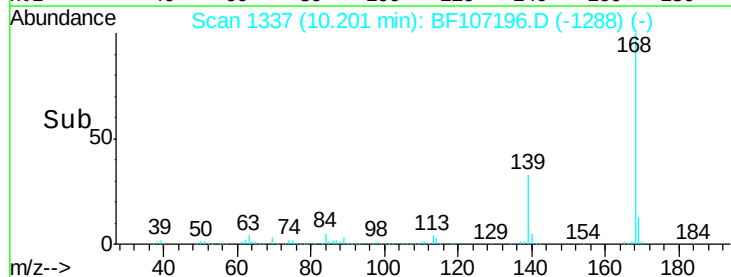
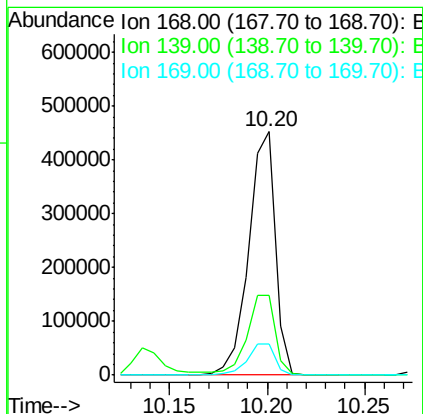


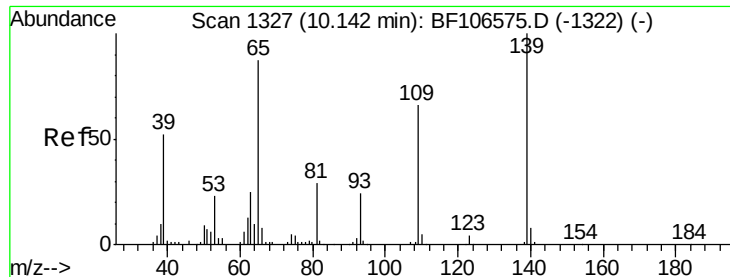
#54
Dibenzofuran
Concen: 35.575 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:168 Resp: 427649
Ion Ratio Lower Upper
168 100
139 33.0 30.1 45.1
169 12.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

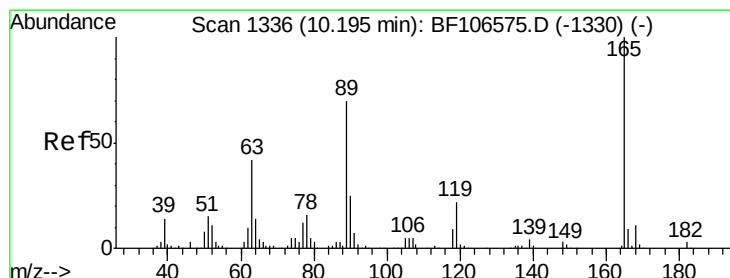
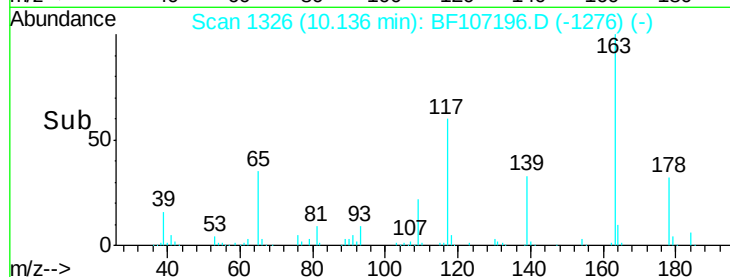
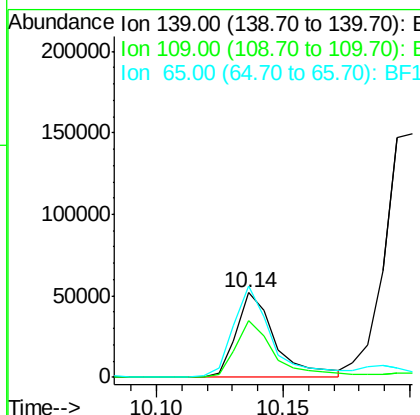
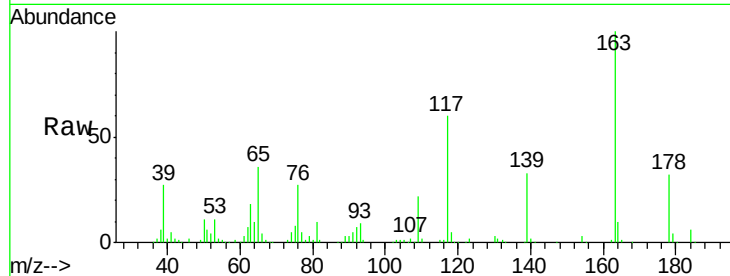




#55
4-Nitrophenol
Concen: 31.081 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

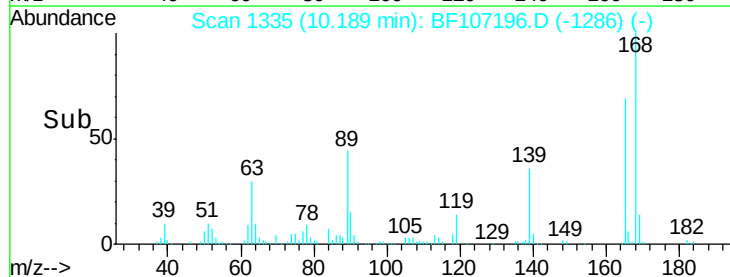
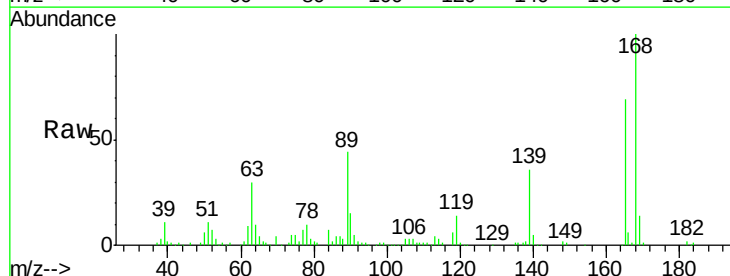
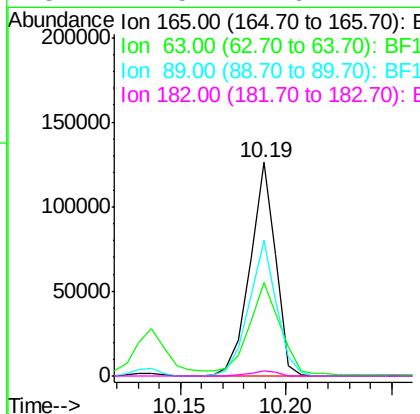
Instrument :
BNA_F
ClientSampleId :
PB110879BS

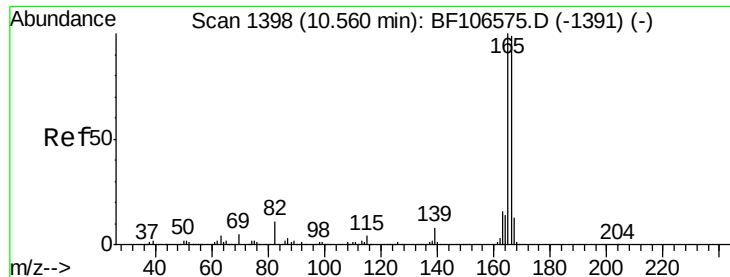
Tgt Ion:139 Resp: 55811
Ion Ratio Lower Upper
139 100
109 66.8 48.4 88.4
65 108.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 36.440 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:165 Resp: 106333
Ion Ratio Lower Upper
165 100
63 43.8 36.4 54.6
89 63.3 57.8 86.6
182 2.5 1.6 2.4#

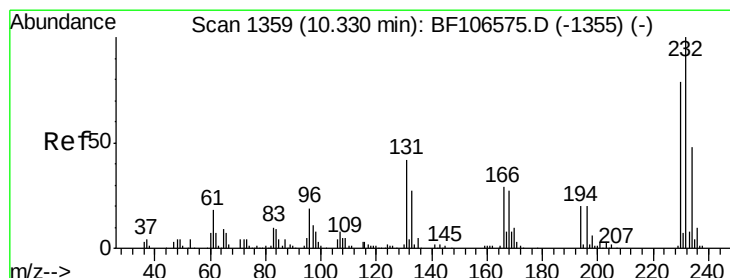
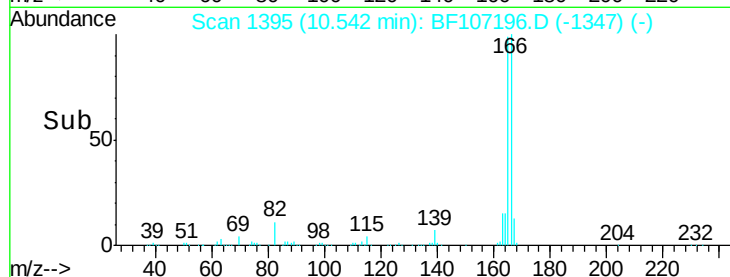
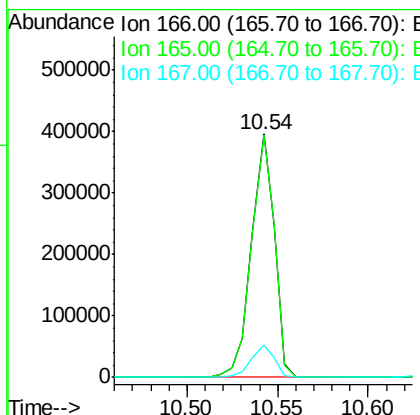
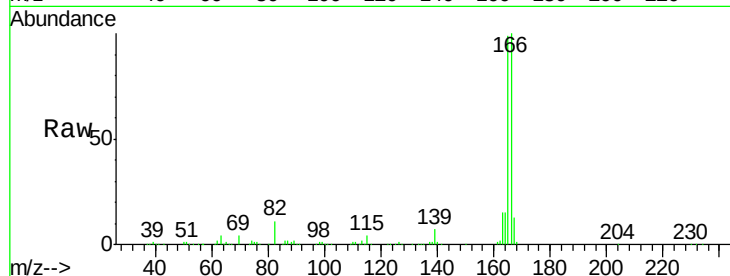




#57
 Fluorene
 Concen: 36.528 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

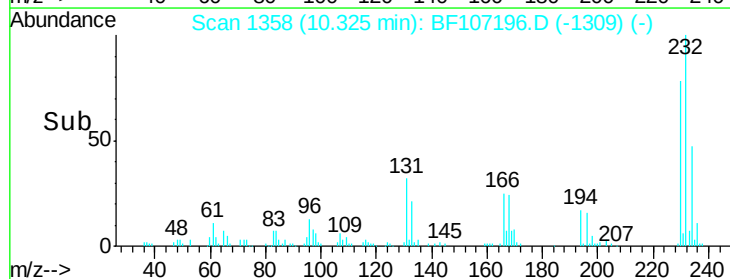
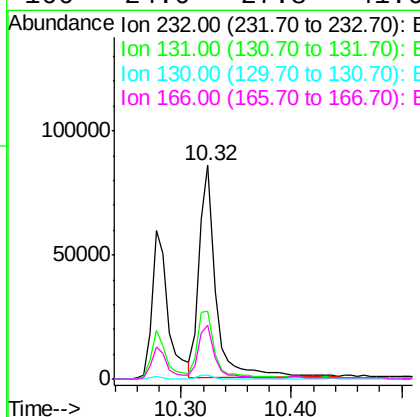
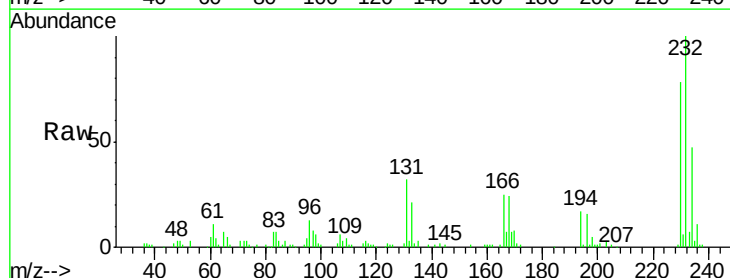
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

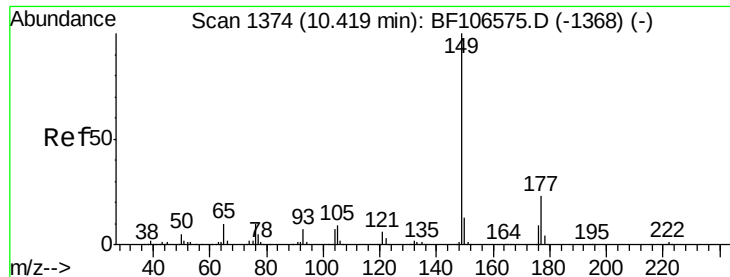
Tgt Ion:166 Resp: 348441
 Ion Ratio Lower Upper
 166 100
 165 99.4 79.8 119.8
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.385 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:232 Resp: 87258
 Ion Ratio Lower Upper
 232 100
 131 32.6 43.8 65.8#
 130 1.5 2.1 3.1#
 166 24.0 27.8 41.6#

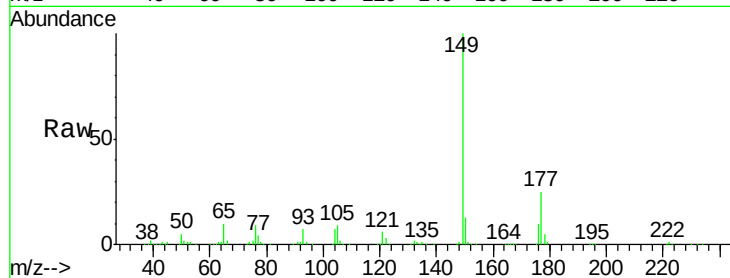




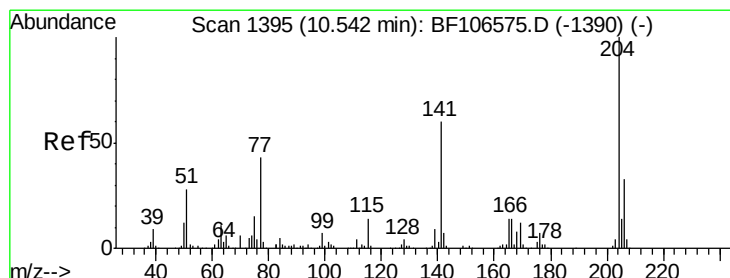
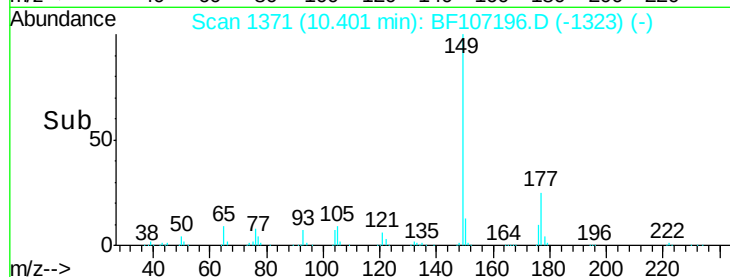
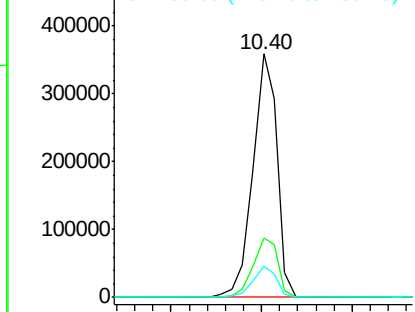
#59
Diethylphthalate
Concen: 32.409 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:149 Resp: 330232
Ion Ratio Lower Upper
149 100
177 24.6 16.1 24.1#
150 13.0 10.1 15.1

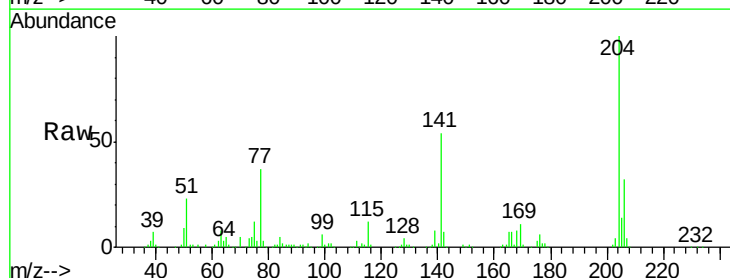


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

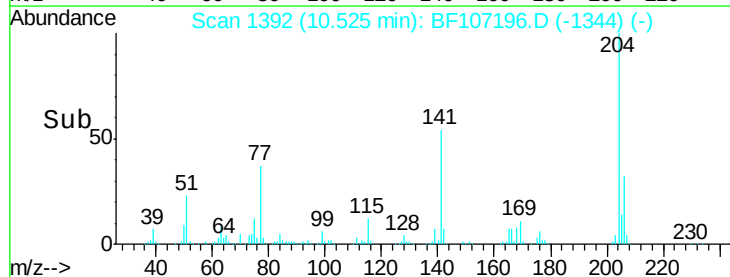
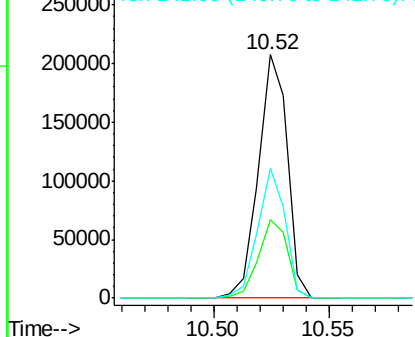


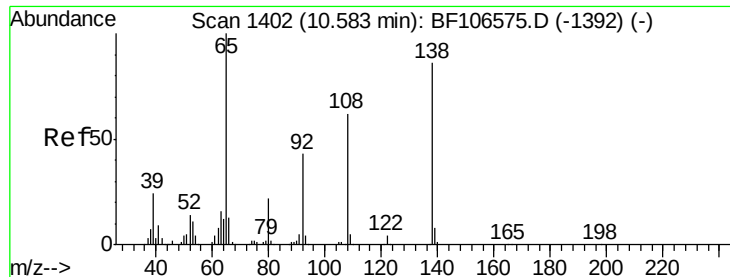
#60
4-Chlorophenyl-phenylether
Concen: 36.508 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:204 Resp: 182214
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 53.5 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: 32.204 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

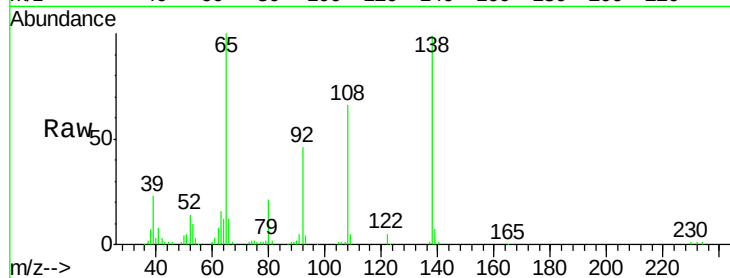
Tgt Ion:138 Resp: 82219

Ion Ratio Lower Upper

138 100

92 46.2 30.2 70.2

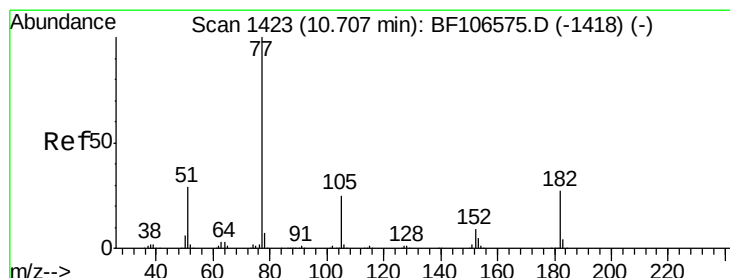
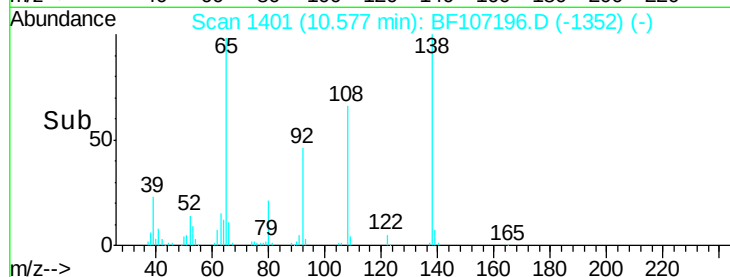
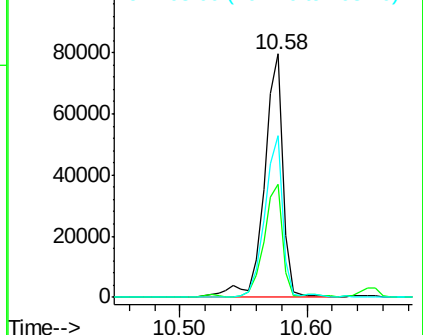
108 66.4 52.5 92.5



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: 32.267 ng

RT: 10.69 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Tgt Ion: 77 Resp: 323772

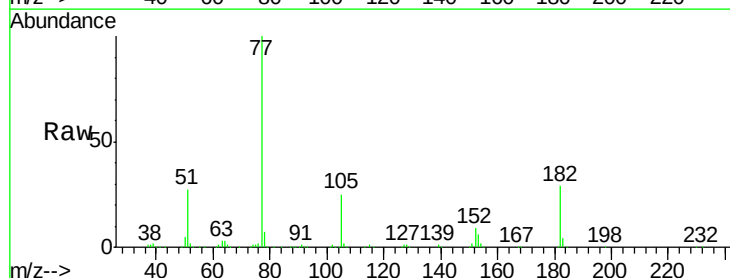
Ion Ratio Lower Upper

77 100

182 28.6 1.7 41.7

105 25.0 3.0 43.0

51 26.6 9.9 49.9

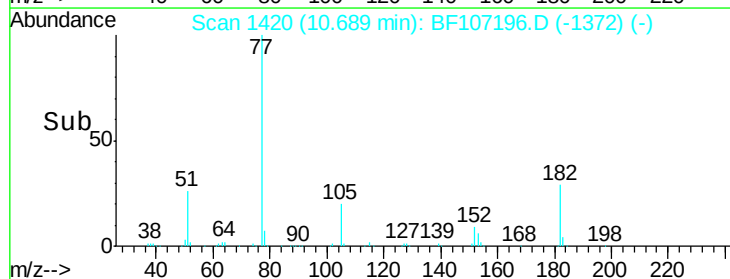
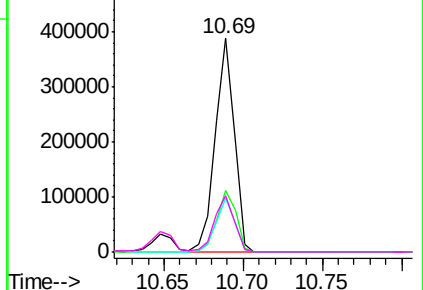


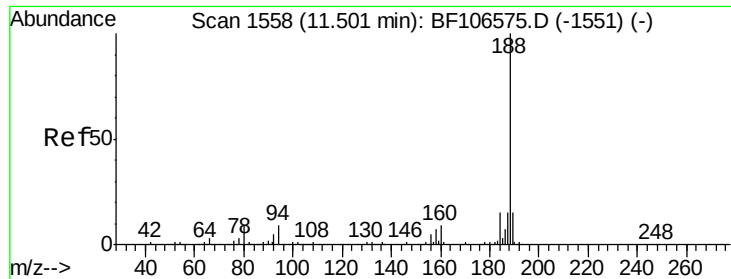
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

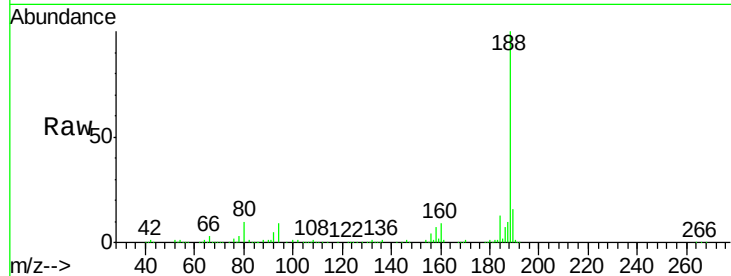
Tgt Ion:188 Resp: 284322

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

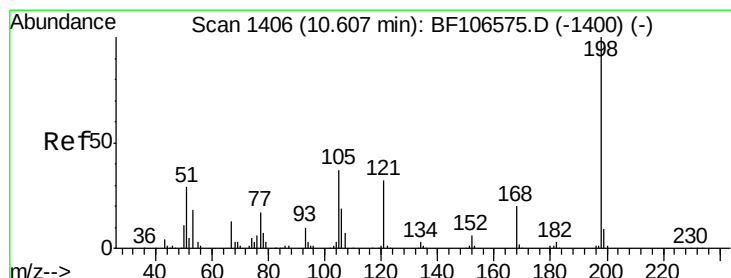
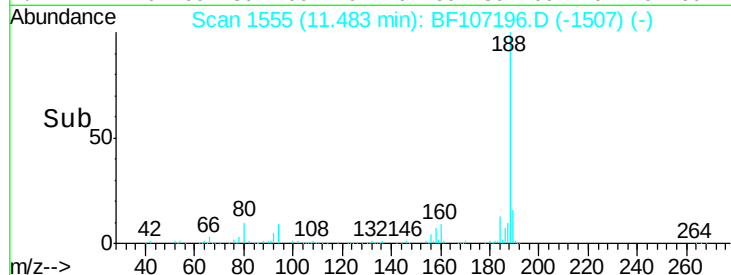
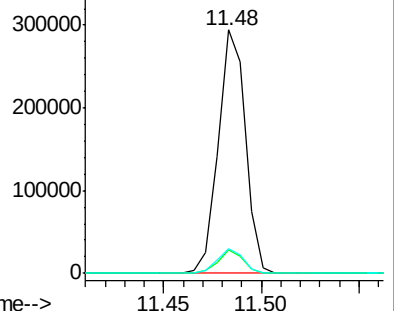
80 9.9 9.2 13.8



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: 33.450 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

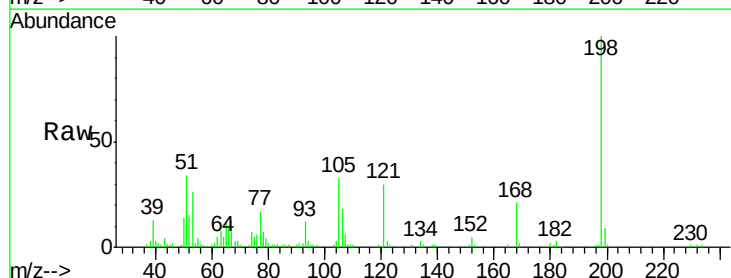
Tgt Ion:198 Resp: 58789

Ion Ratio Lower Upper

198 100

51 33.9 37.7 77.7#

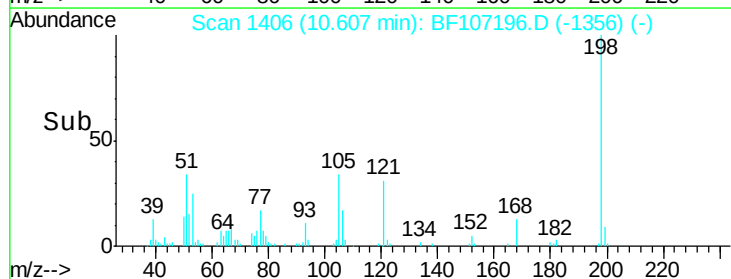
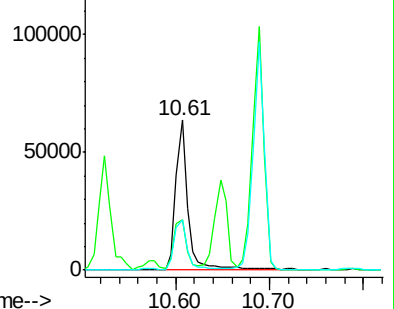
105 33.3 36.3 76.3#

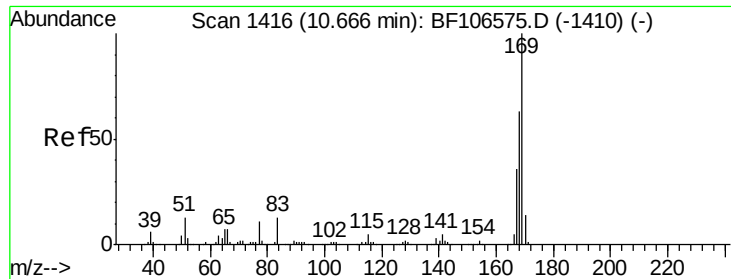


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

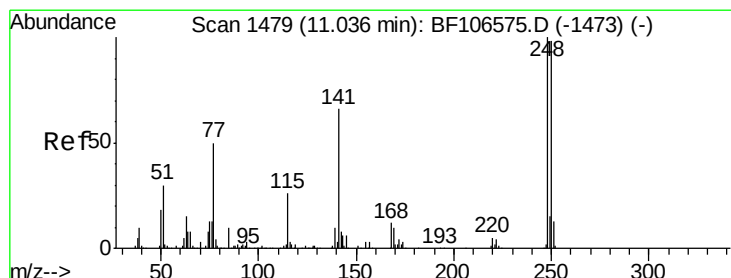
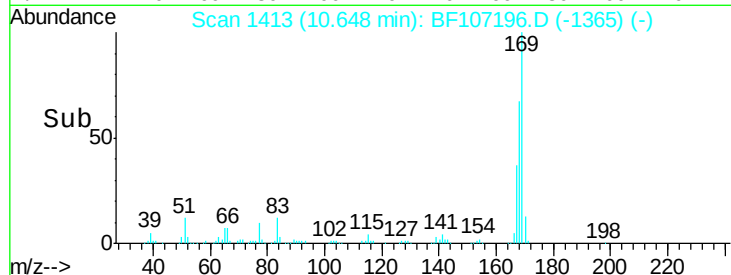
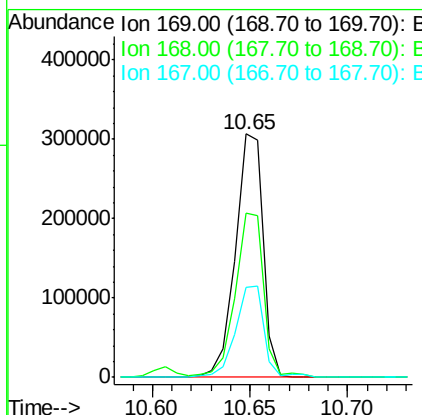
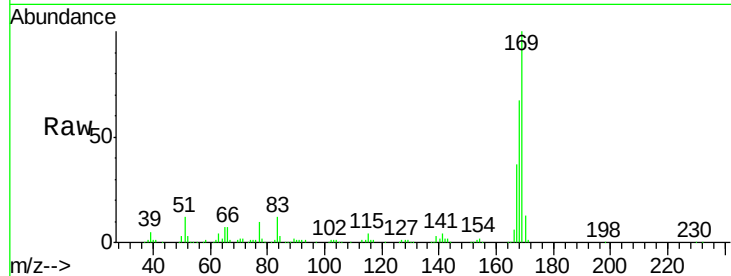




#65
 n-Nitrosodiphenylamine
 Concen: 31.656 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

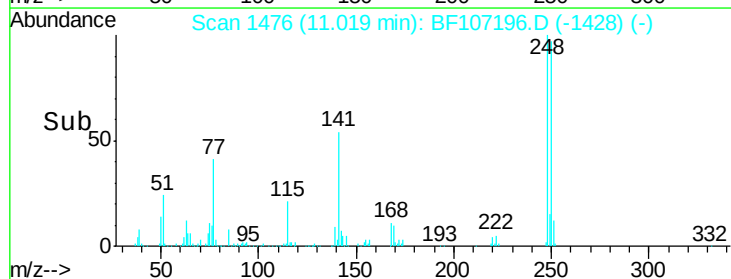
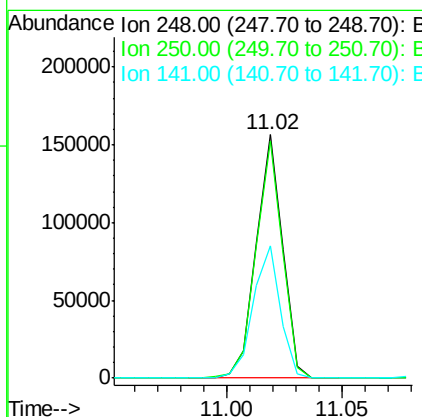
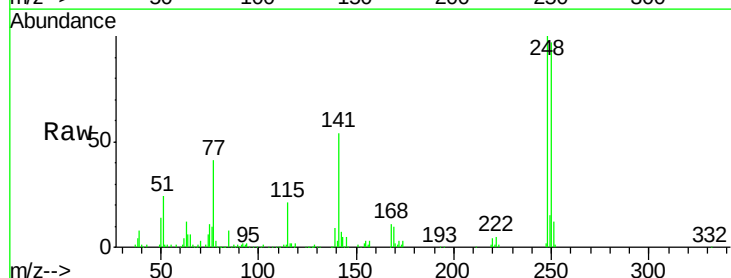
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

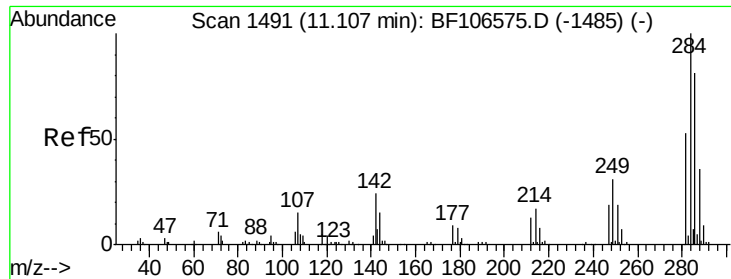
Tgt Ion:169 Resp: 302734
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 36.893 ng
 RT: 11.02 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:248 Resp: 125185
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 54.3 74.4 111.6#

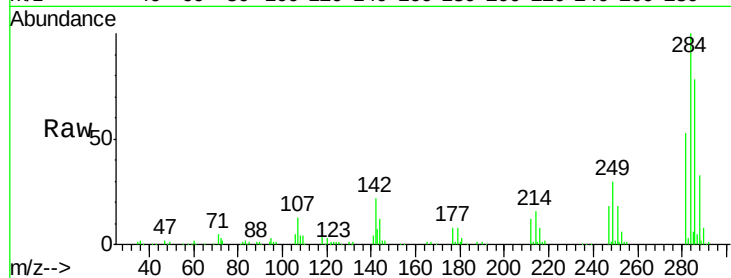




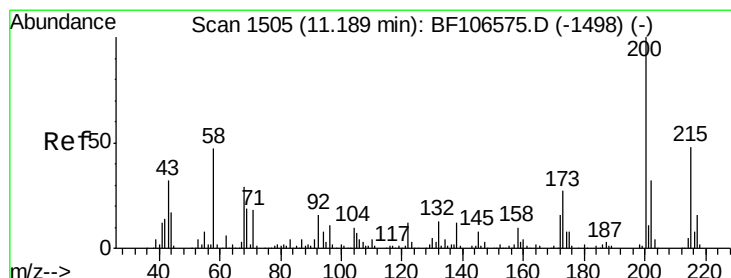
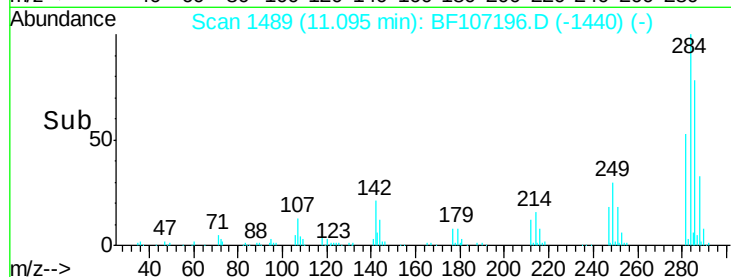
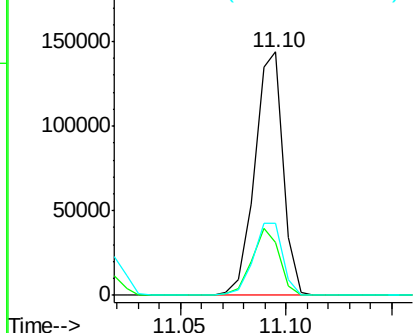
#67
Hexachlorobenzene
Concen: 37.754 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion: 284 Resp: 134084
Ion Ratio Lower Upper
284 100
142 21.6 34.6 52.0#
249 29.9 24.8 37.2

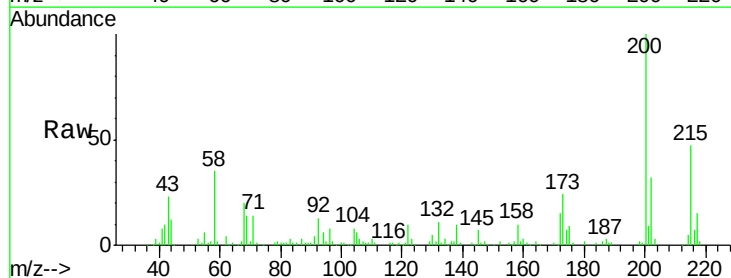


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

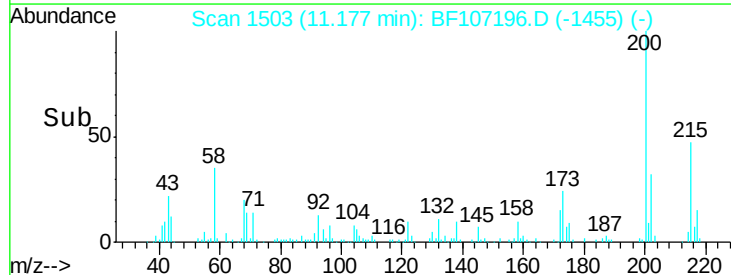
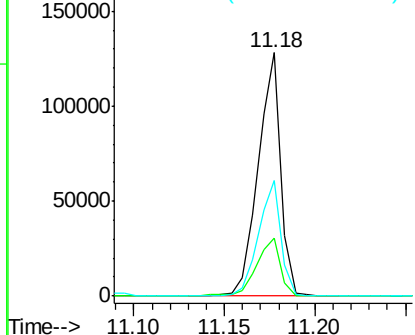


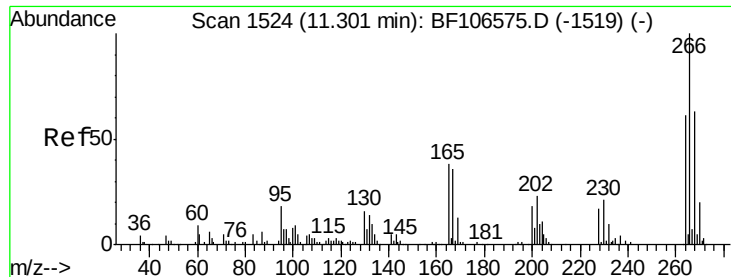
#68
Atrazine
Concen: 36.251 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion: 200 Resp: 110210
Ion Ratio Lower Upper
200 100
173 23.7 8.6 48.6
215 47.2 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

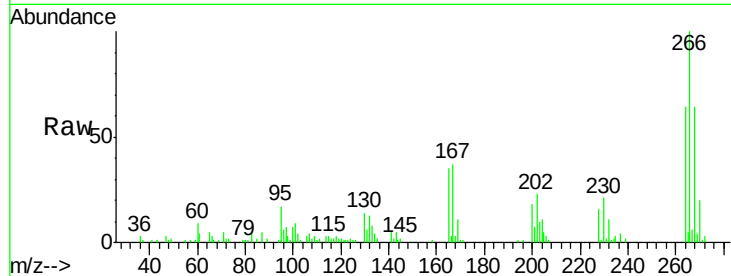




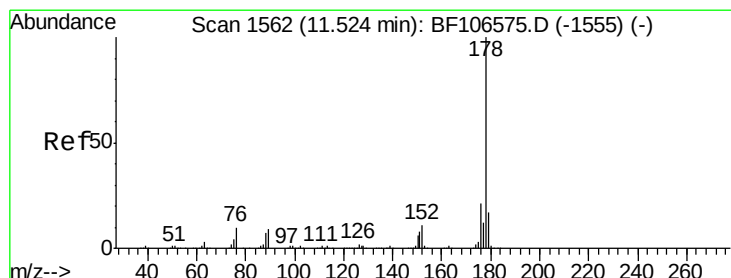
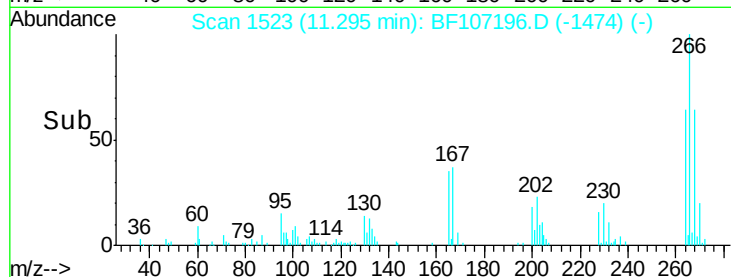
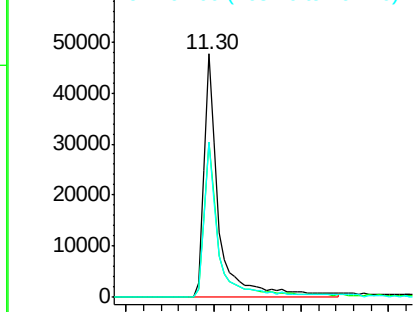
#69
 Pentachlorophenol
 Concen: 32.356 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion: 266 Resp: 57336
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 63.7 49.5 74.3

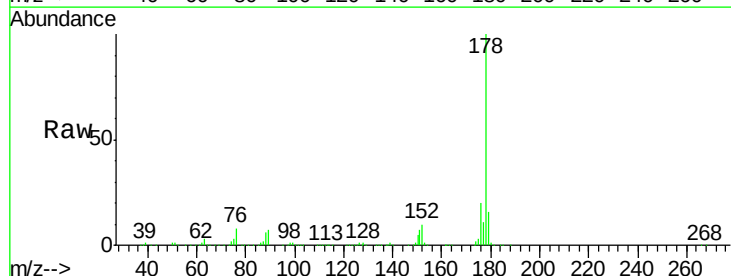


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

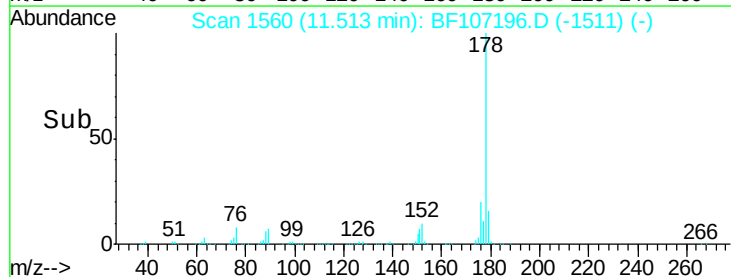
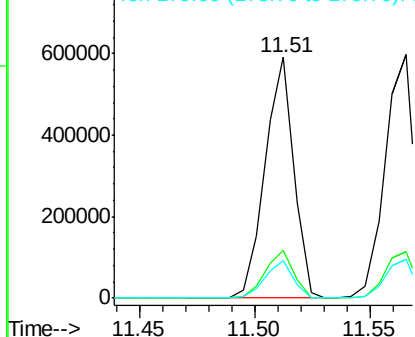


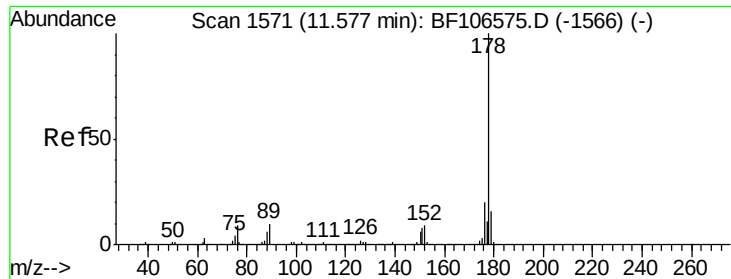
#70
 Phenanthrene
 Concen: 37.361 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion: 178 Resp: 512348
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 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

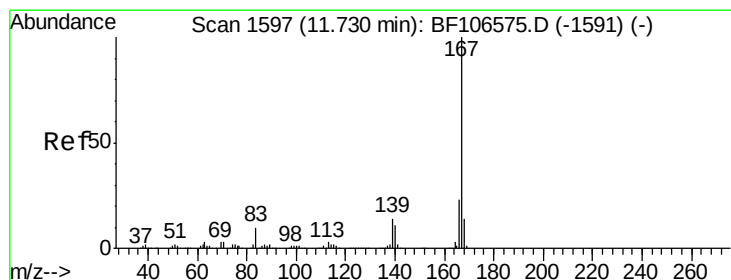
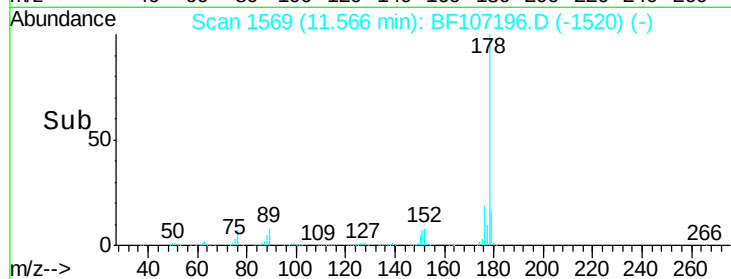
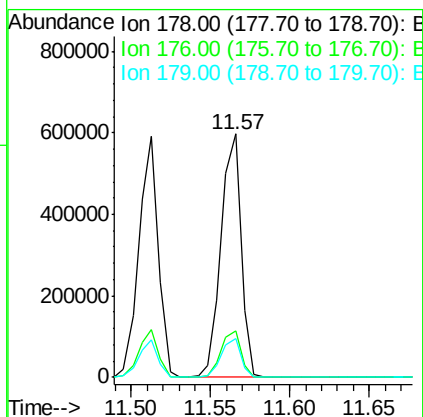
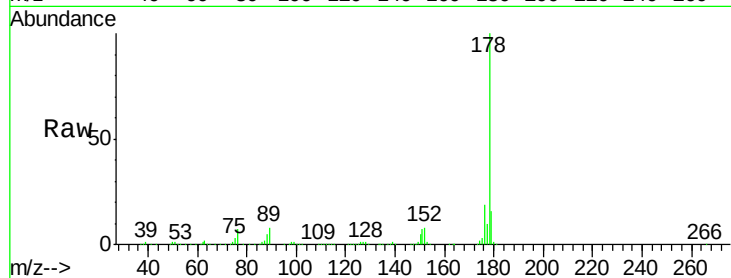




#71
 Anthracene
 Concen: 37.748 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

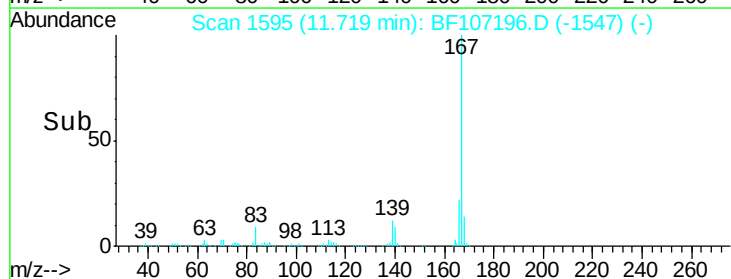
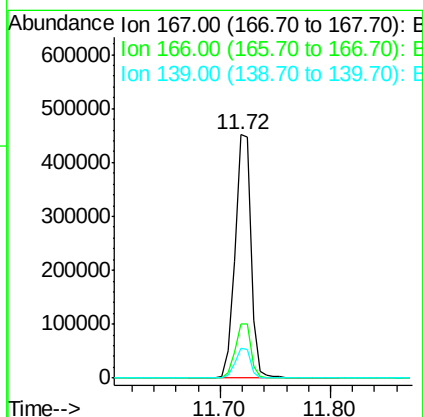
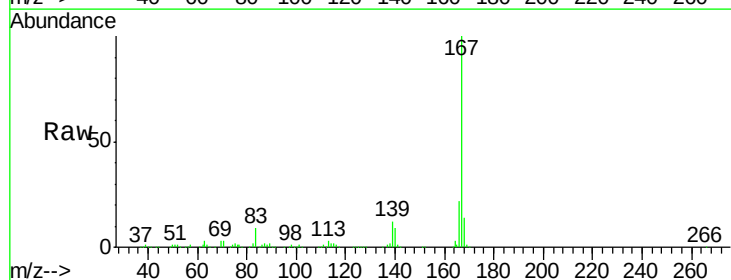
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

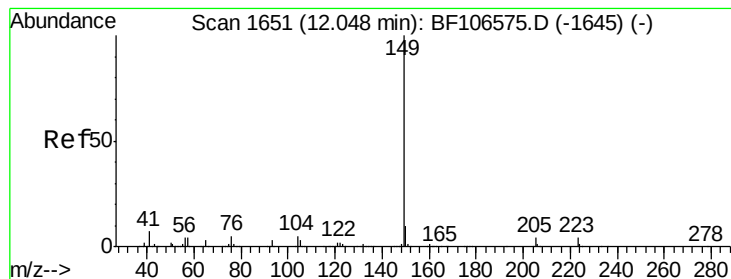
Tgt Ion:178 Resp: 528374
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 35.211 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:167 Resp: 461438
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.462 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

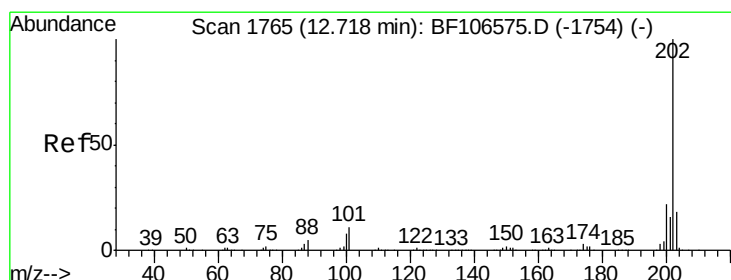
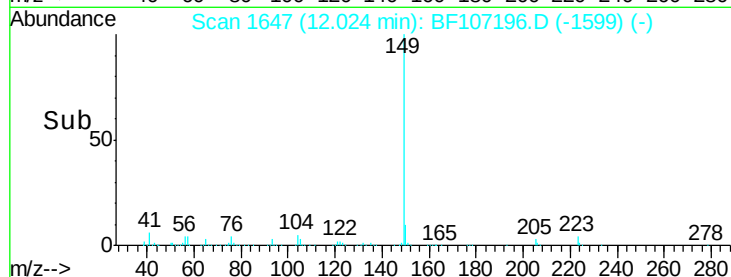
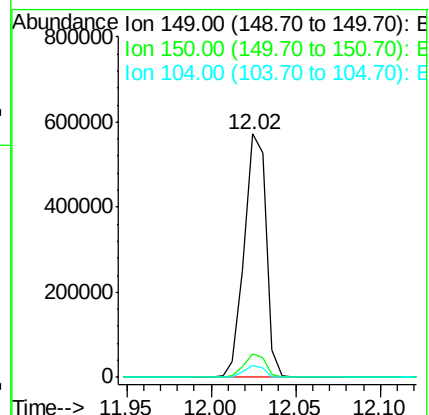
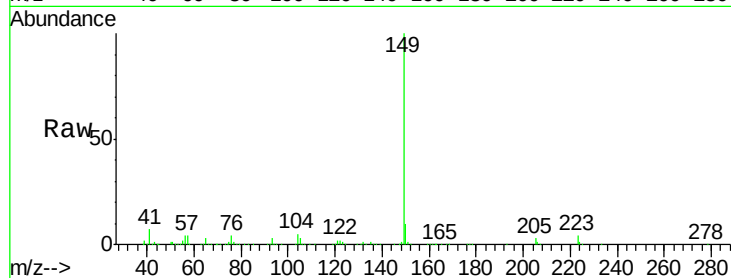
Tgt Ion:149 Resp: 516615

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

104 4.7 3.8 5.8



#74

Fluoranthene

Concen: 36.263 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

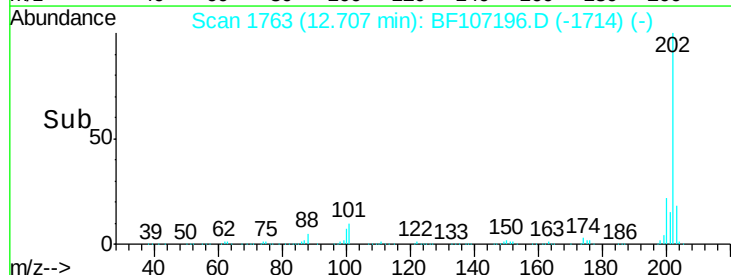
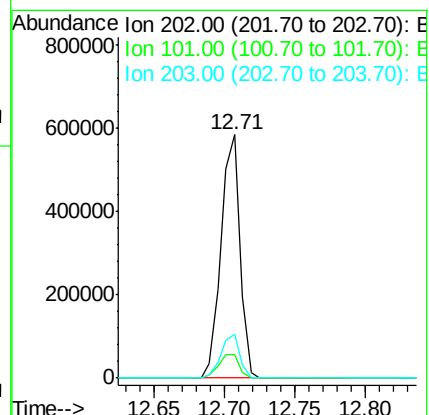
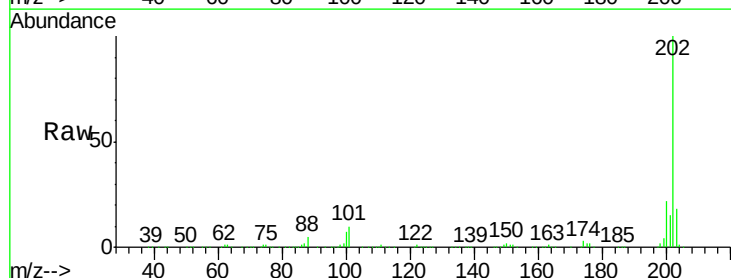
Tgt Ion:202 Resp: 548116

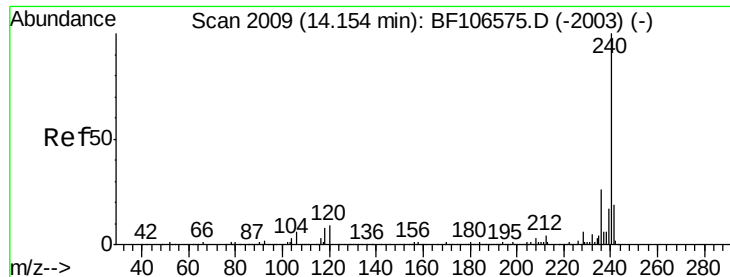
Ion Ratio Lower Upper

202 100

101 9.7 0.0 34.1

203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

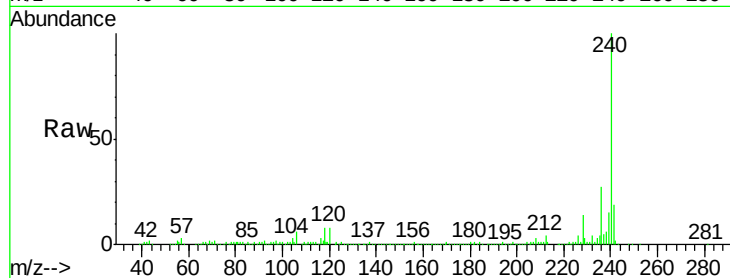
Tgt Ion:240 Resp: 207355

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

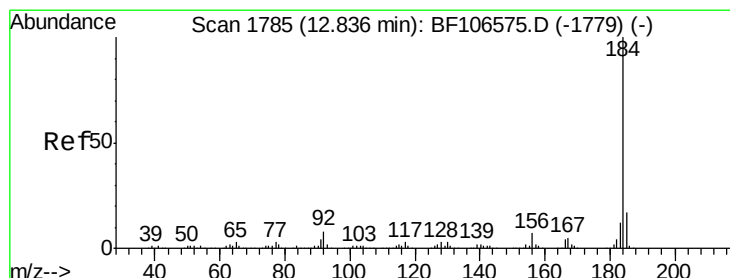
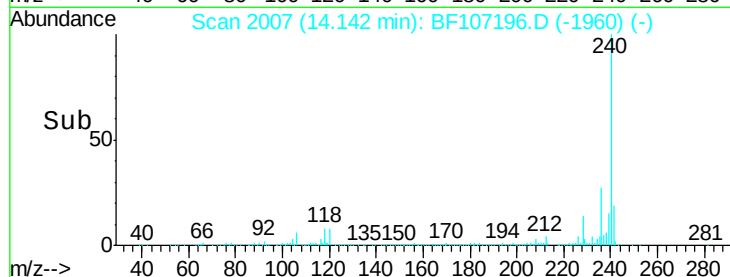
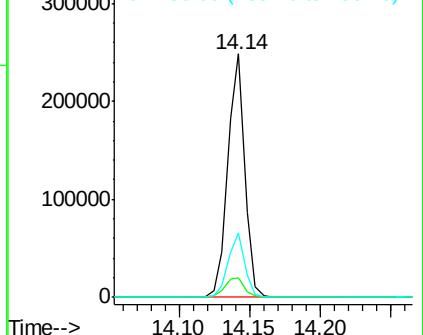
236 26.7 20.7 31.1



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: 28.782 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

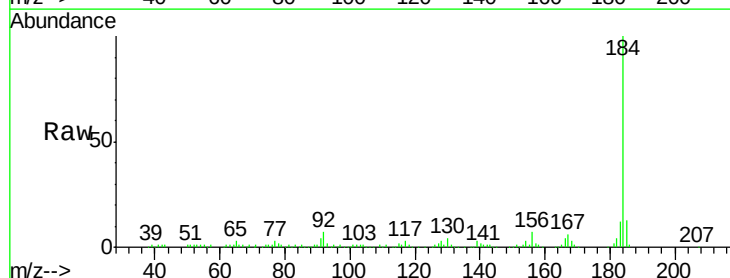
Tgt Ion:184 Resp: 169968

Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

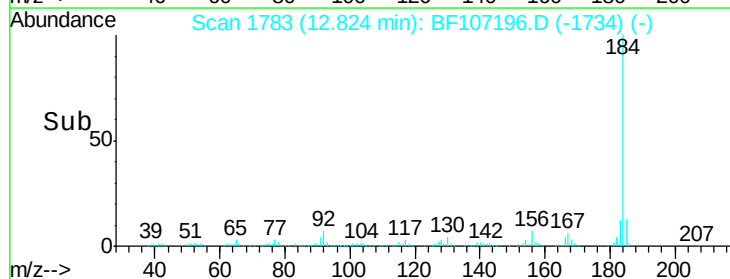
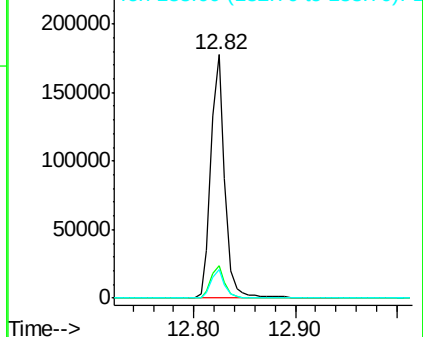
183 11.5 9.3 13.9

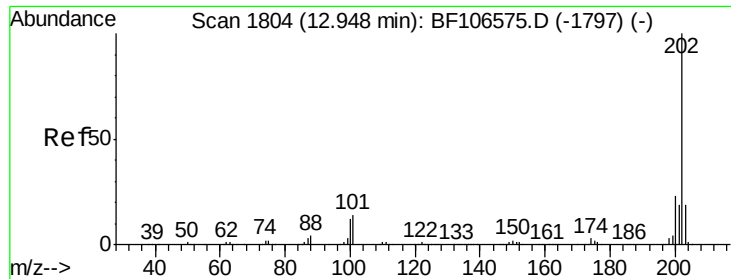


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

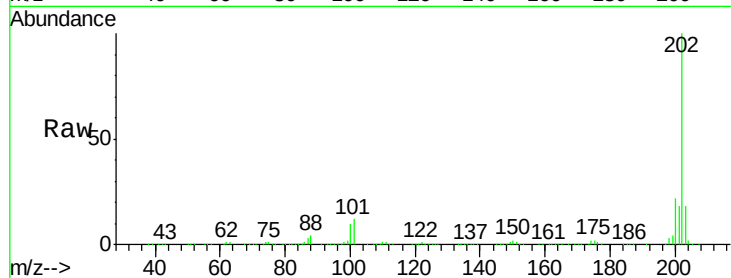




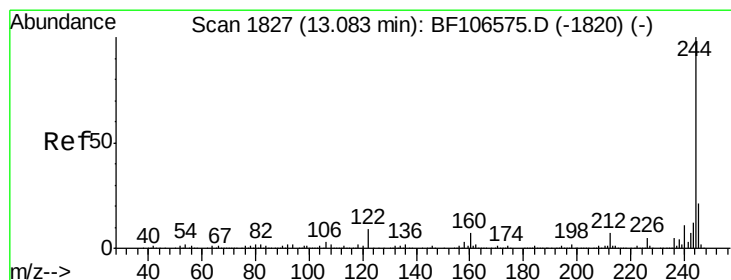
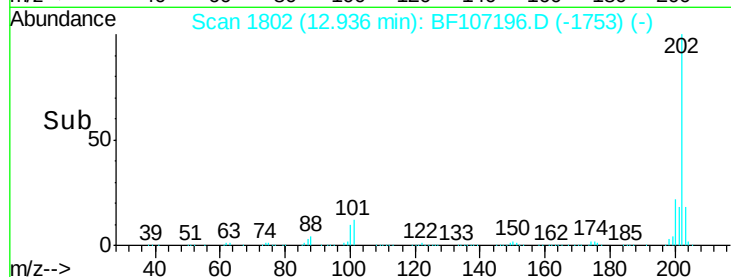
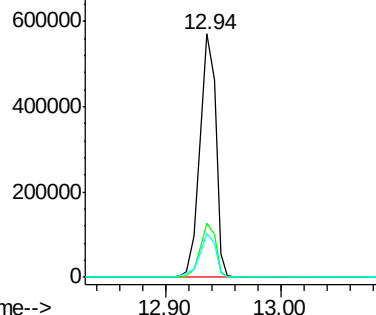
#77
 Pyrene
 Concen: 39.845 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion: 202 Resp: 544824
 Ion Ratio Lower Upper
 202 100
 200 22.0 17.4 26.2
 203 18.0 14.3 21.5

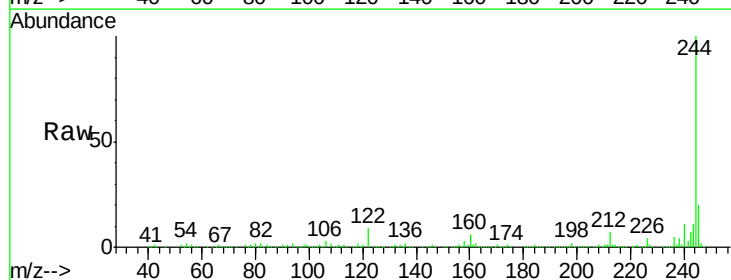


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

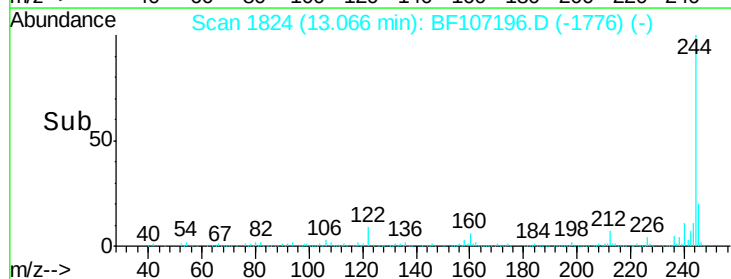
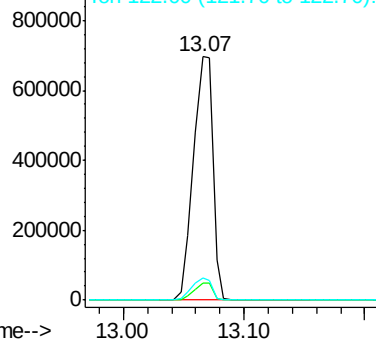


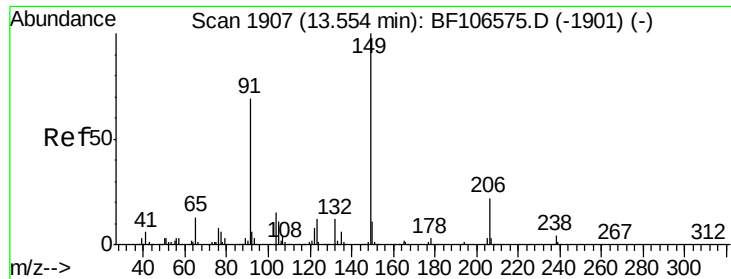
#78
 Terphenyl-d14
 Concen: 91.367 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion: 244 Resp: 782122
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.2 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

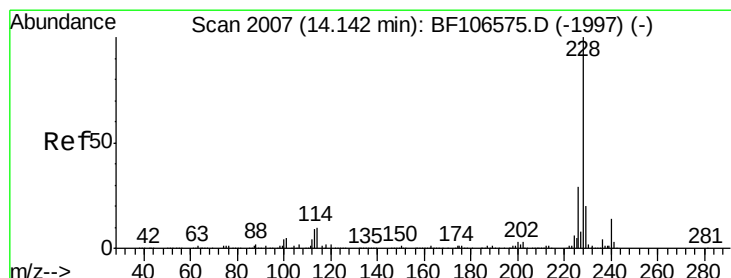
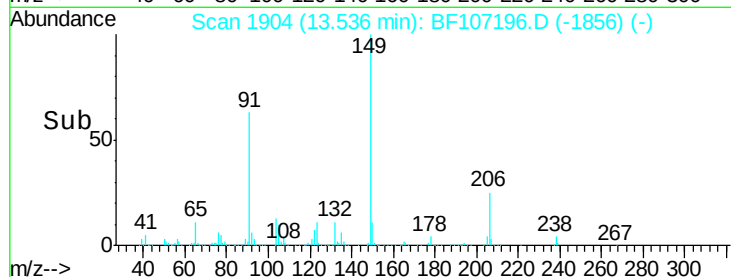
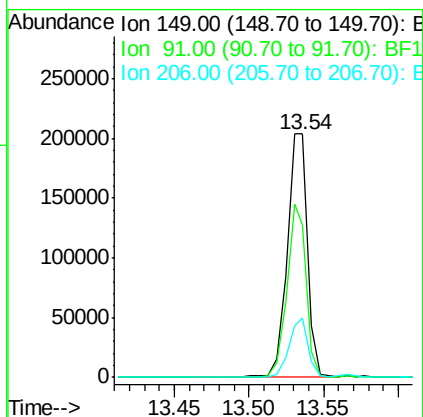
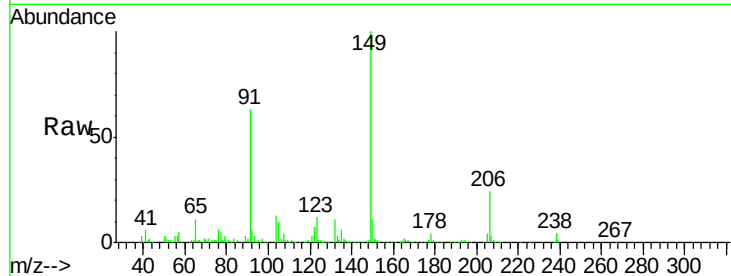




#79
Butylbenzylphthalate
Concen: 34.649 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

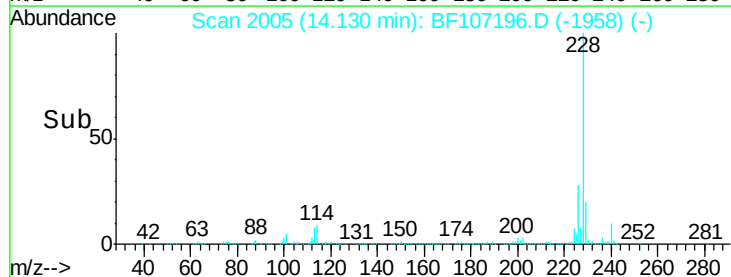
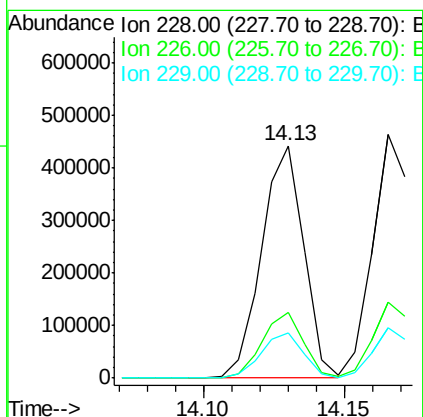
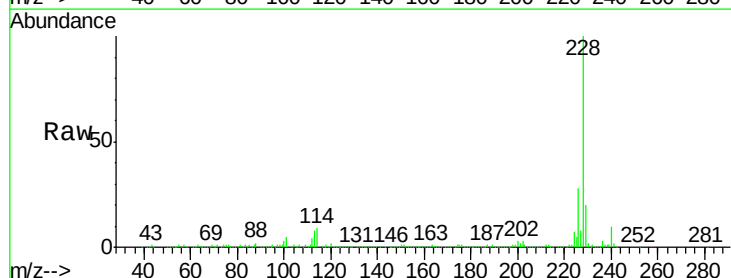
Instrument :
BNA_F
ClientSampleId :
PB110879BS

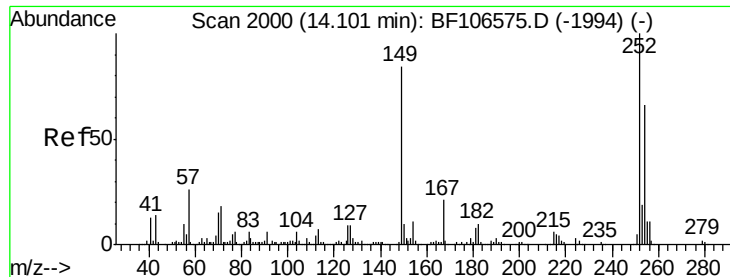
Tgt Ion:149 Resp: 194791
Ion Ratio Lower Upper
149 100
91 62.7 56.8 85.2
206 24.5 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 36.159 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:228 Resp: 456973
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.7 15.8 23.6

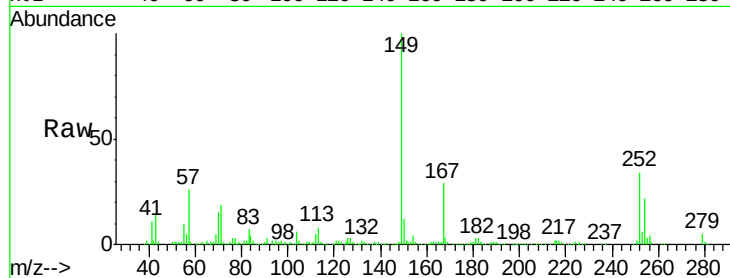




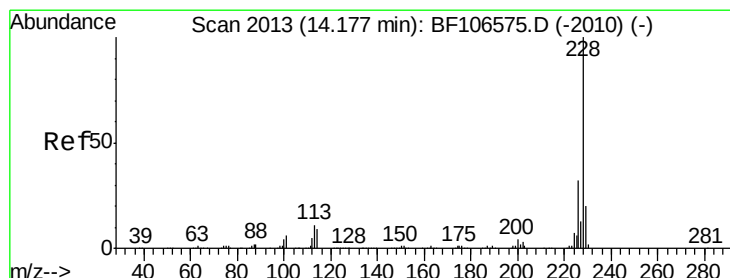
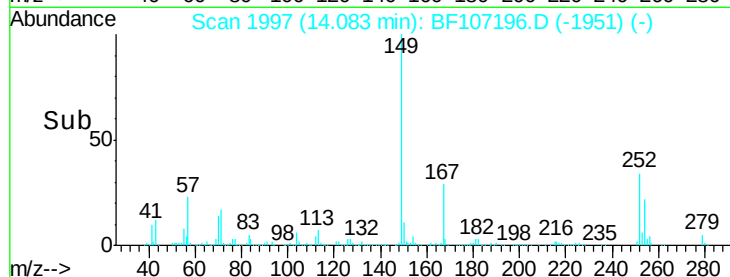
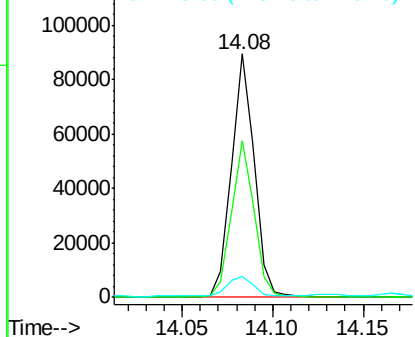
#81
 3,3'-Dichlorobenzidine
 Concen: 17.737 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:252 Resp: 78783
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 8.5 11.3 16.9#

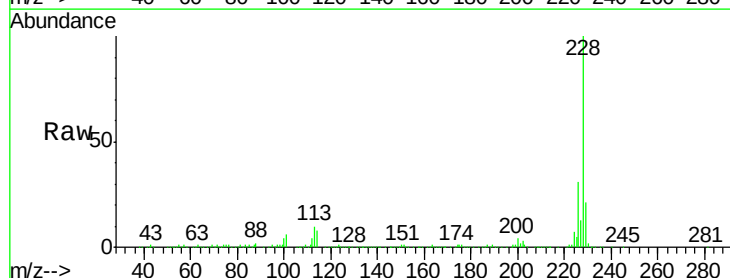


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

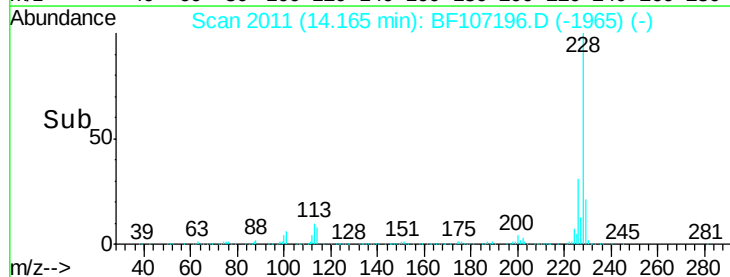
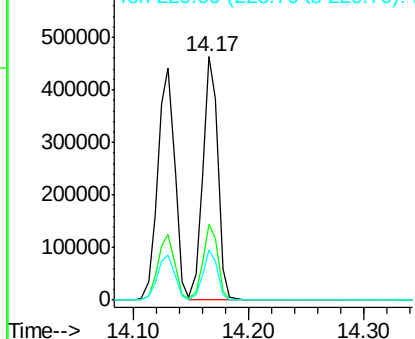


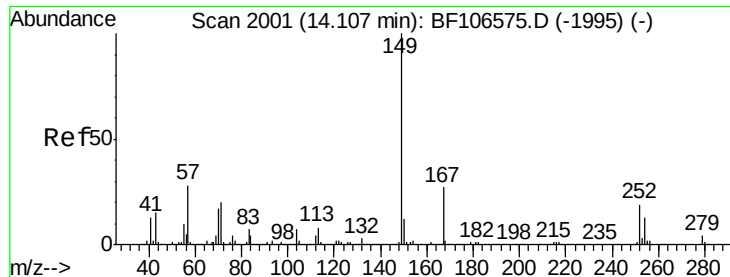
#82
 Chrysene
 Concen: 36.786 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:228 Resp: 427694
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

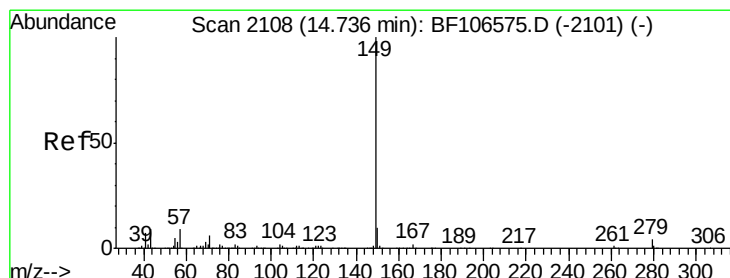
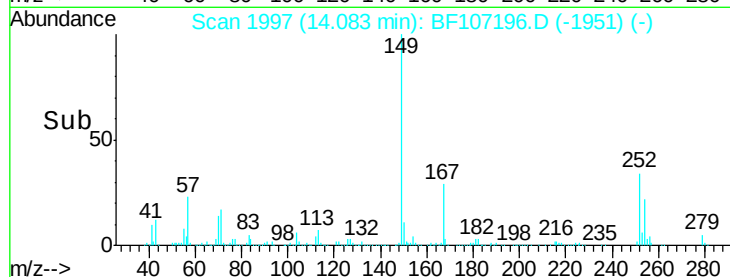
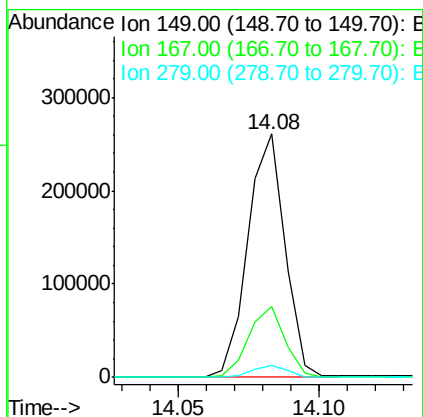
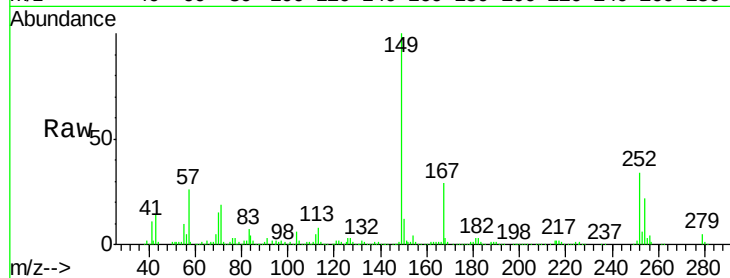




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.777 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

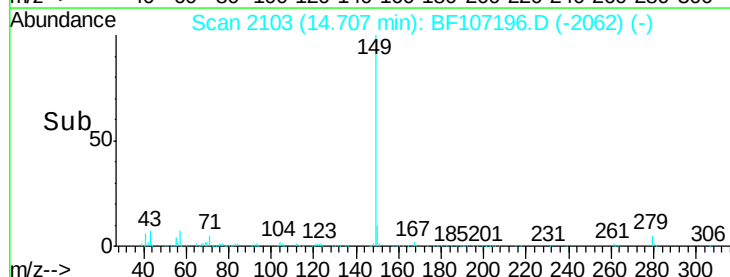
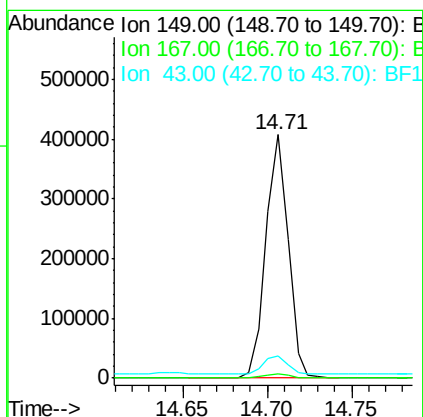
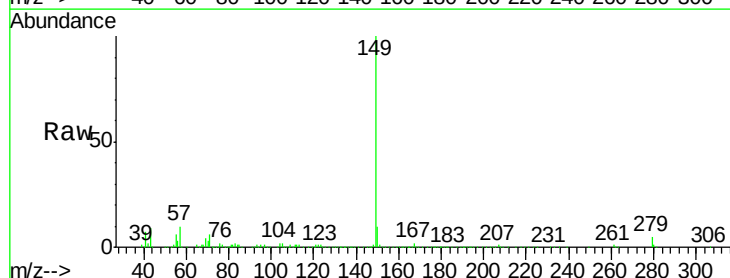
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

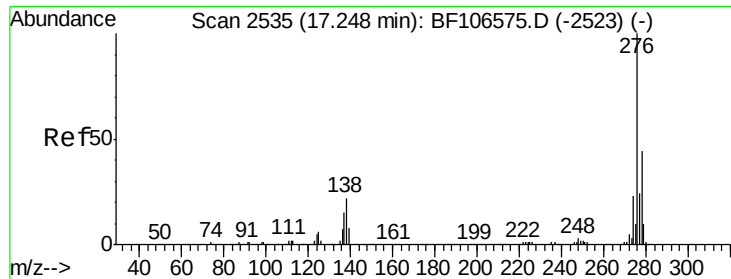
Tgt Ion:149 Resp: 235583
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.3 31.9
 279 5.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 31.749 ng
 RT: 14.71 min Scan# 2103
 Delta R.T. -0.06 min
 Lab File: BF107196.D
 Acq: 7 Jul 2018 10:44

Tgt Ion:149 Resp: 371965
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.4 8.4 12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.018 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.04 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

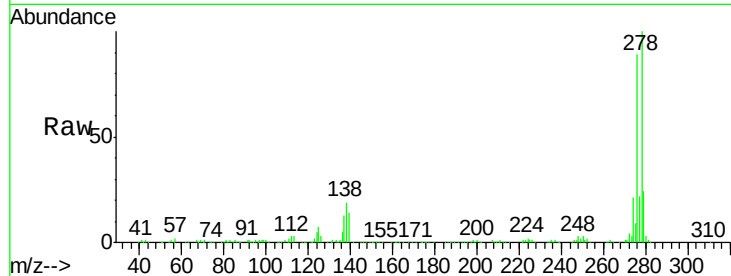
Tgt Ion:276 Resp: 493513

Ion Ratio Lower Upper

276 100

138 21.2 25.0 37.6#

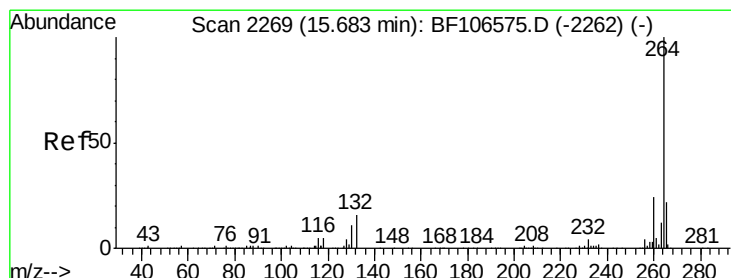
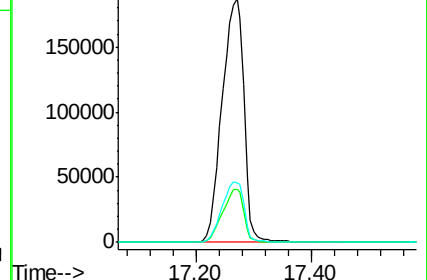
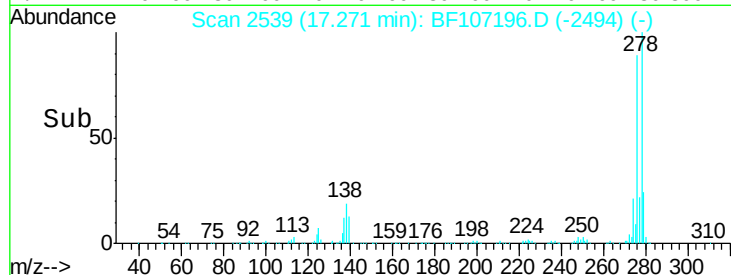
277 25.2 20.1 30.1



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: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

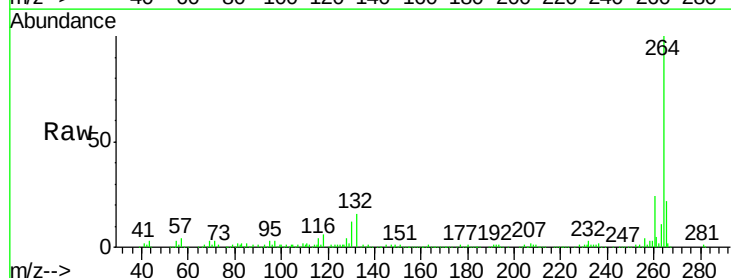
Tgt Ion:264 Resp: 202407

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

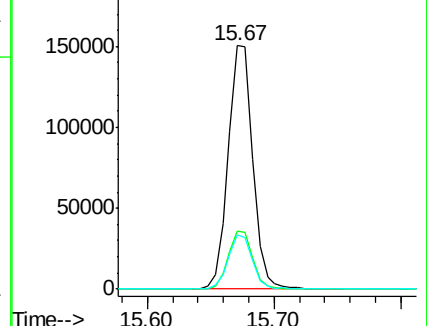
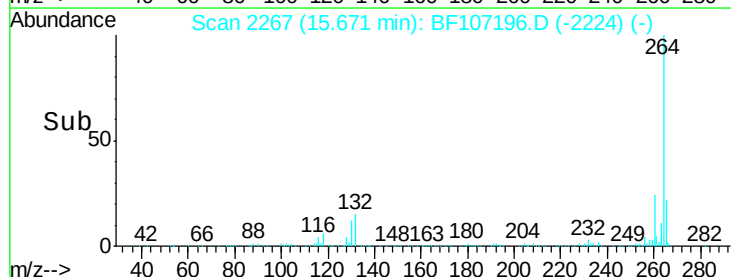
265 22.1 17.5 26.3

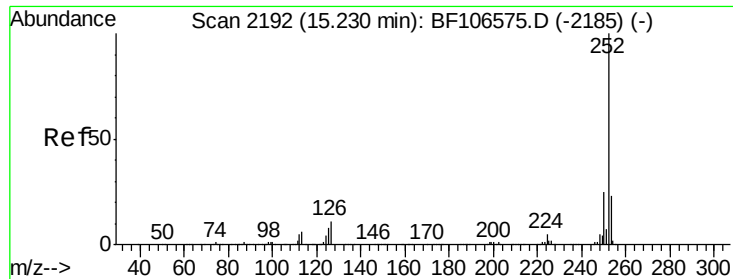


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

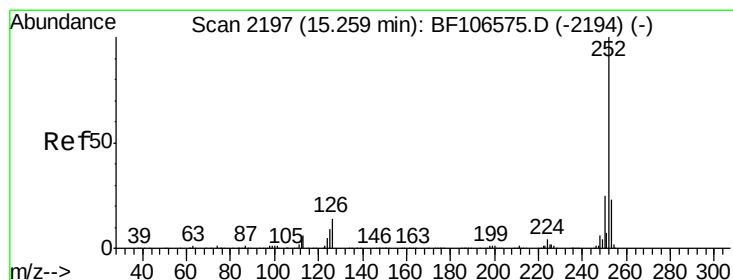
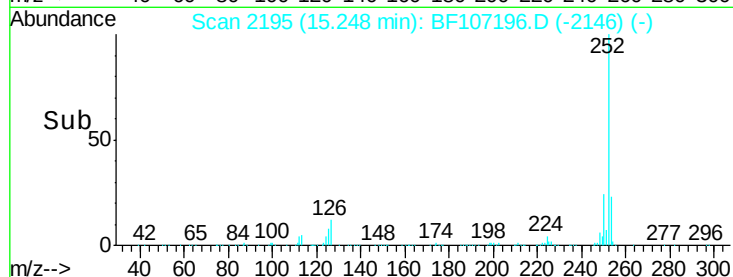
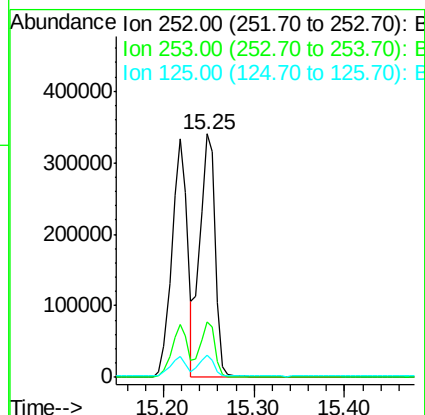
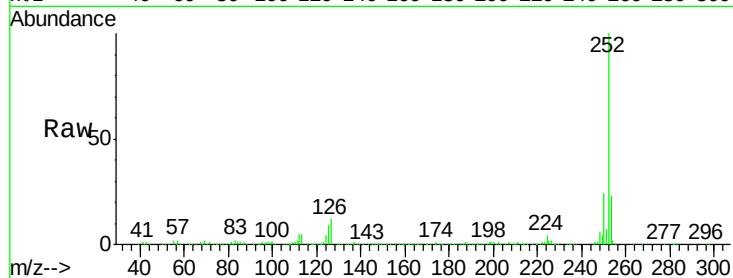




#87
Benzo(b)fluoranthene
Concen: 32.143 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

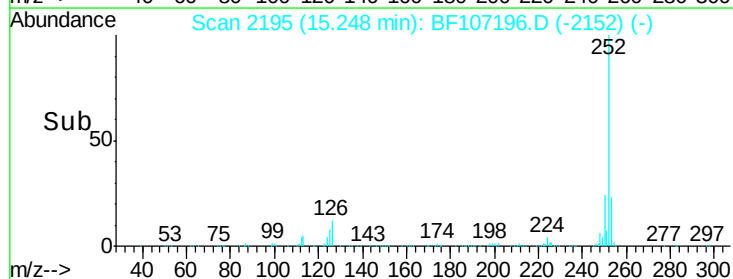
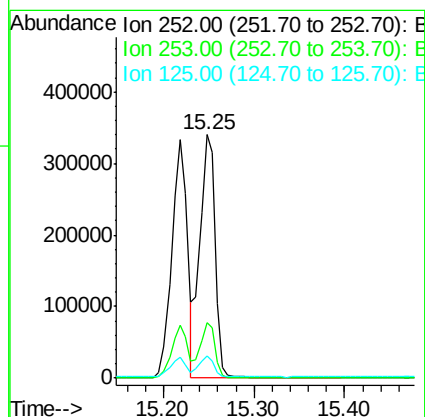
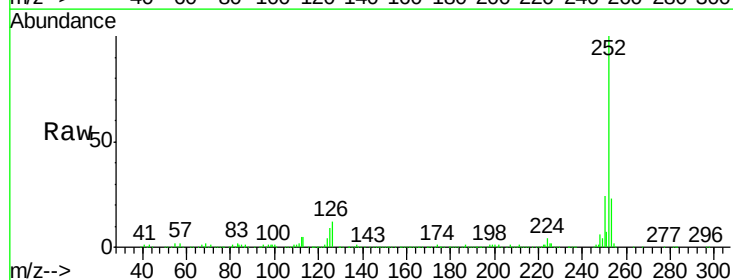
Instrument :
BNA_F
ClientSampleId :
PB110879BS

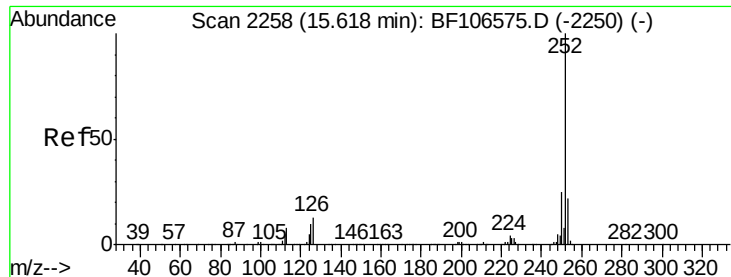
Tgt Ion:252 Resp: 404145
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 9.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.753 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107196.D
Acq: 7 Jul 2018 10:44

Tgt Ion:252 Resp: 404145
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 9.1 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 36.510 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS

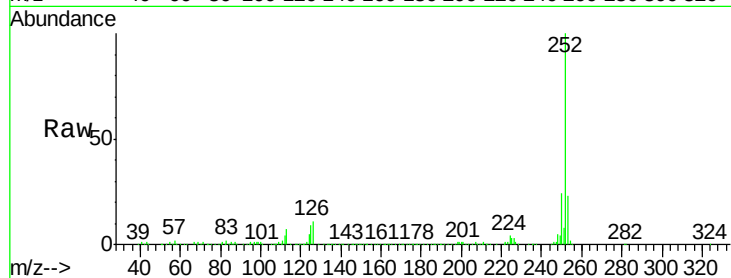
Tgt Ion:252 Resp: 408085

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

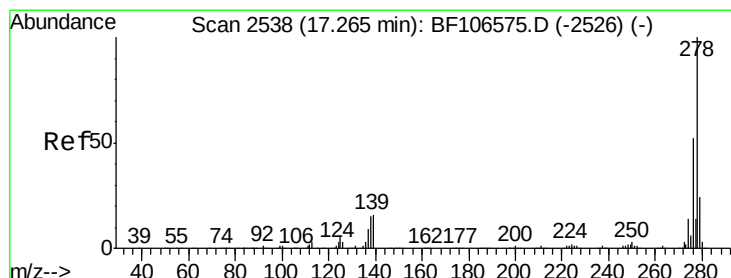
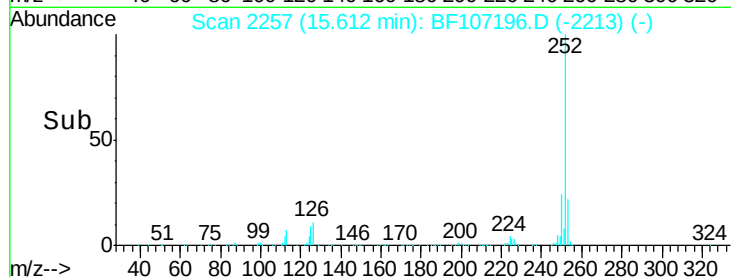
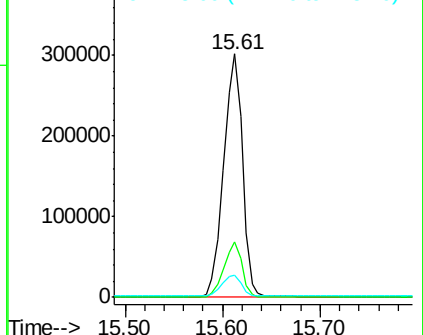
125 9.0 9.8 14.6#



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: 43.081 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.05 min

Lab File: BF107196.D

Acq: 7 Jul 2018 10:44

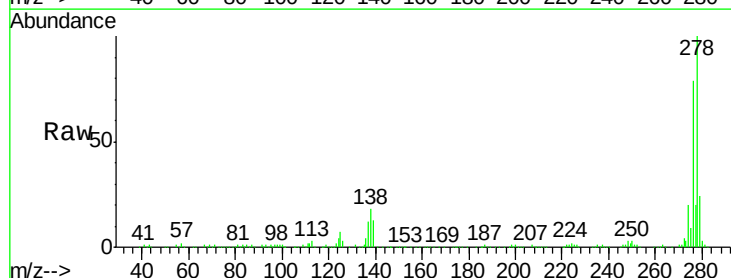
Tgt Ion:278 Resp: 408102

Ion Ratio Lower Upper

278 100

139 12.9 15.9 23.9#

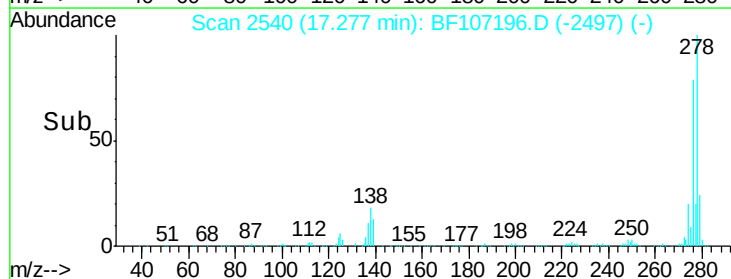
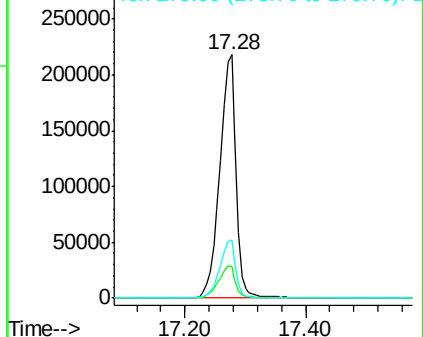
279 24.1 19.0 28.4

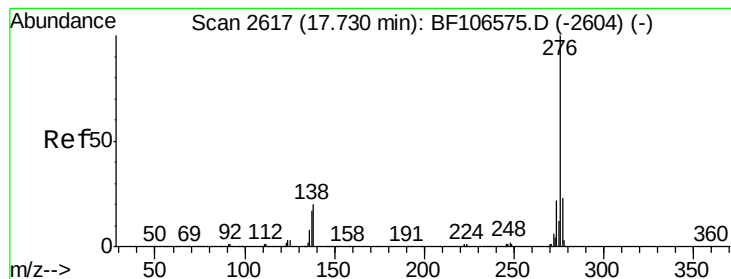


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.357 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF107196.D

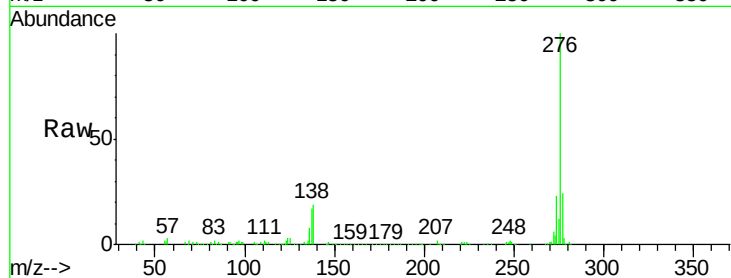
Acq: 7 Jul 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB110879BS



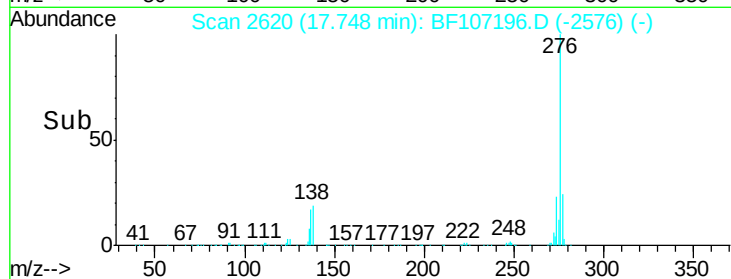
Tgt Ion: 276 Resp: 429213

Ion Ratio Lower Upper

276 100

277 24.2 17.9 26.9

138 19.4 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

