

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107163.D
 Acq On : 6 Jul 2018 10:03
 Operator : JU/SJ
 Sample : PB110854BSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

Quant Time: Jul 06 10:58:52 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	62966	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	241770	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	116390	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	191797	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	158410	20.00	ng	-0.03
86) Perylene-d12	15.67	264	130245	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	312074	83.92	ng	0.00
7) Phenol-d6	6.60	99	386108	83.15	ng	-0.02
23) Nitrobenzene-d5	7.52	82	360594	82.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	108483	80.42	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	652755	97.01	ng	-0.02
78) Terphenyl-d14	13.07	244	610525	93.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	60961	31.888	ng	98
3) Pyridine	3.63	79	186810	36.031	ng	97
4) n-Nitrosodimethylamine	3.60	42	76705	34.833	ng	88
6) Aniline	6.61	93	160267	25.443	ng	# 45
8) 2-Chlorophenol	6.74	128	172836	42.377	ng	98
9) Benzaldehyde	6.50	77	87342	24.934	ng	100
10) Phenol	6.61	94	213394	40.266	ng	83
11) bis(2-Chloroethyl)ether	6.68	93	173190	39.586	ng	97
12) 1,3-Dichlorobenzene	6.89	146	200843	42.045	ng	97
13) 1,4-Dichlorobenzene	6.97	146	200719	41.562	ng	98
14) 1,2-Dichlorobenzene	7.12	146	184958	41.789	ng	97
15) Benzyl Alcohol	7.10	79	143160	38.394	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	240212	41.847	ng	# 17
17) 2-Methylphenol	7.21	107	147115	42.150	ng	# 88
18) Hexachloroethane	7.45	117	63333	37.292	ng	# 86
19) n-Nitroso-di-n-propylamine	7.36	70	120041	39.217	ng	92
20) 3+4-Methylphenols	7.37	107	187541	52.046	ng	93
22) Acetophenone	7.35	105	236475	43.719	ng	# 98
24) Nitrobenzene	7.54	77	186895	42.078	ng	99
25) Isophorone	7.77	82	345888	45.119	ng	98
26) 2-Nitrophenol	7.85	139	93593	44.637	ng	98
27) 2,4-Dimethylphenol	7.88	122	159972	49.361	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	222646	43.256	ng	99
29) 2,4-Dichlorophenol	8.10	162	158524	46.721	ng	96
30) 1,2,4-Trichlorobenzene	8.17	180	172153	46.058	ng	99
31) Naphthalene	8.25	128	497224	43.989	ng	100
32) Benzoic acid	8.02	122	79551	35.448	ng	99
33) 4-Chloroaniline	8.30	127	87407	18.429	ng	98
34) Hexachlorobutadiene	8.35	225	113739	46.700	ng	98
35) Caprolactam	8.68	113	47599	43.037	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	157583	44.125	ng	97
37) 2-Methylnaphthalene	8.94	142	365116	48.733	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	190764	48.669	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	14637	7.258	ng	96

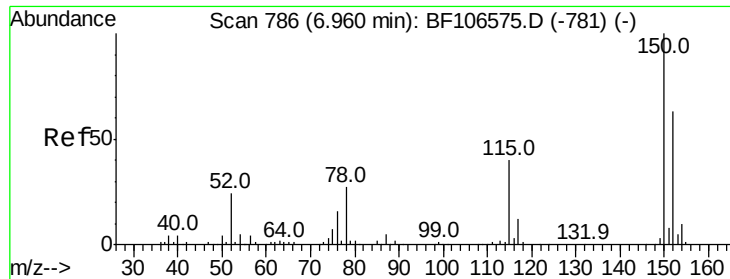
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107163.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	107885	41.407	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	107995	39.723	nq	# 86
45) 1,1'-Biphenyl	9.41	154	429265	46.278	nq	99
46) 2-Chloronaphthalene	9.44	162	314219	43.036	nq	96
47) 2-Nitroaniline	9.54	65	98253	40.018	nq	98
48) Acenaphthylene	9.85	152	481927	41.807	nq	99
49) Dimethylphthalate	9.70	163	372871	42.714	nq	98
50) 2,6-Dinitrotoluene	9.78	165	83860	45.367	nq	93
51) Acenaphthene	10.02	154	289911	39.939	nq	98
52) 3-Nitroaniline	9.95	138	53878	25.329	nq	94
53) 2,4-Dinitrophenol	10.07	184	28590	33.110	nq	# 15
54) Dibenzofuran	10.20	168	432310	43.493	nq	98
55) 4-Nitrophenol	10.14	139	63841	42.998	nq	98
56) 2,4-Dinitrotoluene	10.19	165	100143	41.505	nq	91
57) Fluorene	10.54	166	335216	42.500	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	83778	38.766	nq	# 79
59) Diethylphthalate	10.40	149	349458	41.477	nq	# 94
60) 4-Chlorophenyl-phenylether	10.52	204	181317	43.935	nq	# 88
61) 4-Nitroaniline	10.57	138	66970	31.724	nq	92
62) Azobenzene	10.69	77	321525	38.753	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	29419	24.814	nq	# 75
65) n-Nitrosodiphenylamine	10.65	169	295216	45.762	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	120084	52.462	nq	# 79
67) Hexachlorobenzene	11.09	284	119419	49.846	nq	# 86
68) Atrazine	11.17	200	103879	50.652	nq	95
69) Pentachlorophenol	11.30	266	49995	41.823	nq	98
70) Phenanthrene	11.51	178	440550	47.623	nq	99
71) Anthracene	11.56	178	450210	47.680	nq	100
72) Carbazole	11.72	167	383039	43.329	nq	98
73) Di-n-butylphthalate	12.02	149	487410	46.800	nq	99
74) Fluoranthene	12.70	202	438868	43.042	nq	96
76) Benzidine	12.82	184	254265	56.360	nq	98
77) Pyrene	12.94	202	436316	41.769	nq	100
79) Butylbenzylphthalate	13.53	149	171821	40.006	nq	# 96
80) Benzo(a)anthracene	14.12	228	434173	44.970	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	143246	42.215	nq	# 95
82) Chrysene	14.17	228	408734	46.017	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	215908	39.321	nq	98
84) Di-n-octyl phthalate	14.70	149	407681	45.549	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	304879	40.447	nq	# 90
87) Benzo(b)fluoranthene	15.21	252	374263	46.258	nq	# 97
88) Benzo(k)fluoranthene	15.24	252	376851	48.911	nq	# 96
89) Benzo(a)pyrene	15.60	252	338732	47.095	nq	# 97
90) Dibenzo(a,h)anthracene	17.25	278	262102	42.999	nq	# 93
91) Benzo(g,h,i)perylene	17.73	276	249509	41.879	nq	# 90

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

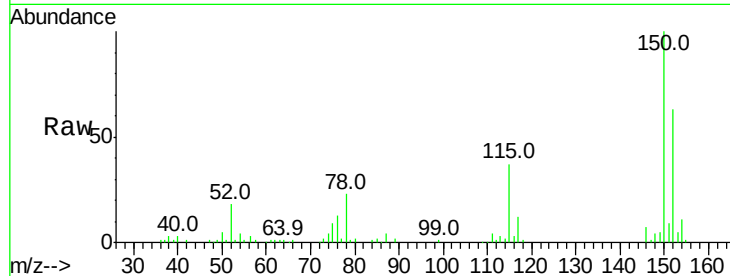


#1

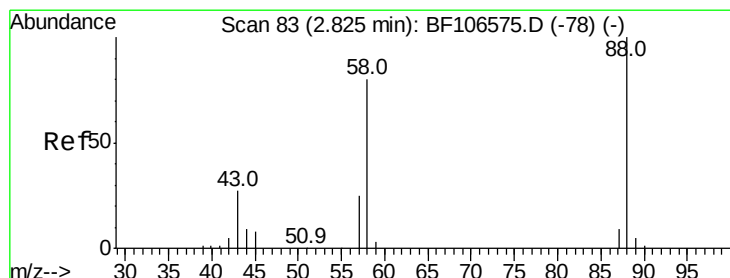
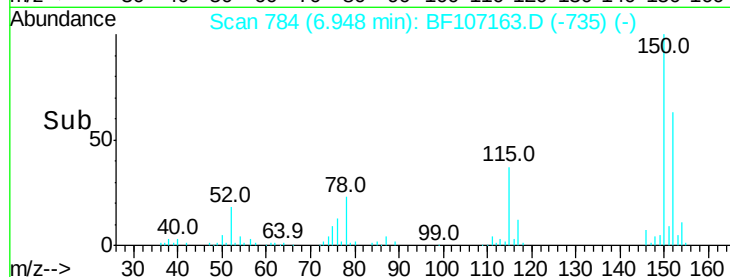
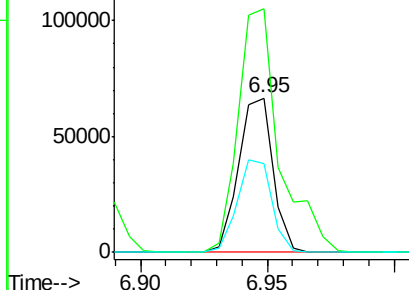
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion:152 Resp: 62966
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 57.7 50.1 75.1



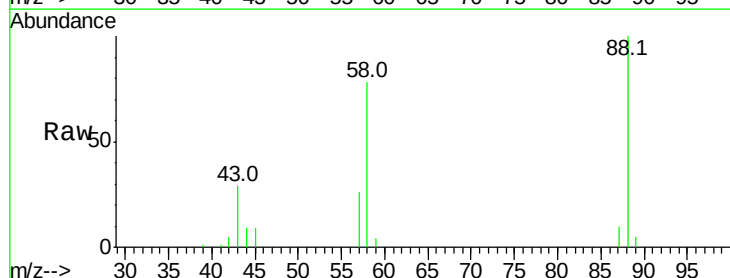
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



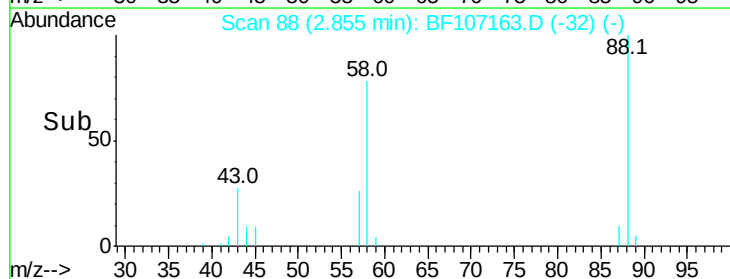
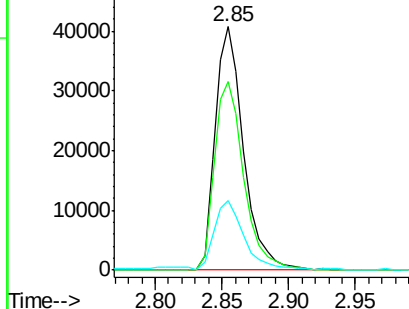
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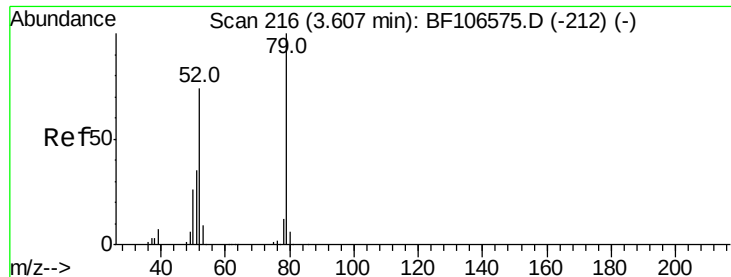
1,4-Dioxane
Concen: 31.888 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion: 88 Resp: 60961
Ion Ratio Lower Upper
88 100
58 79.9 62.6 93.8
43 30.1 24.6 37.0



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





#3

Pvridine

Concen: 36.031 ng

RT: 3.63 min Scan# 219

Delta R.T. 0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

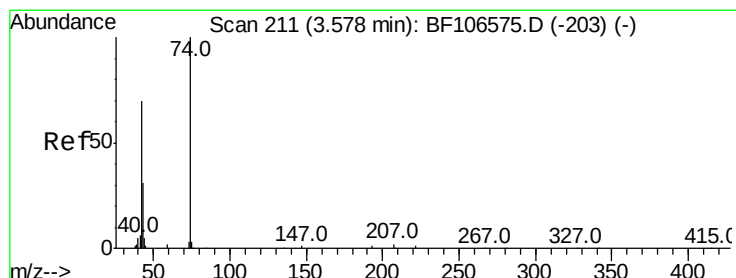
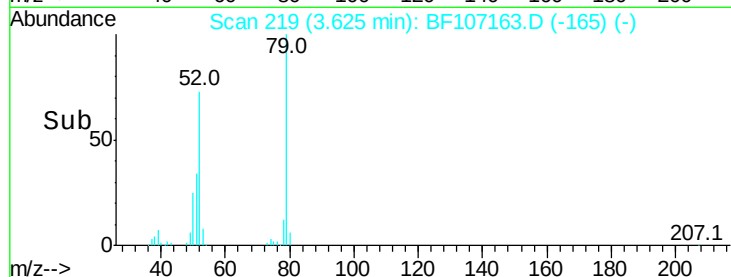
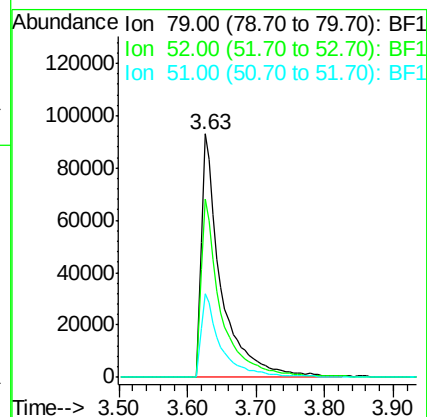
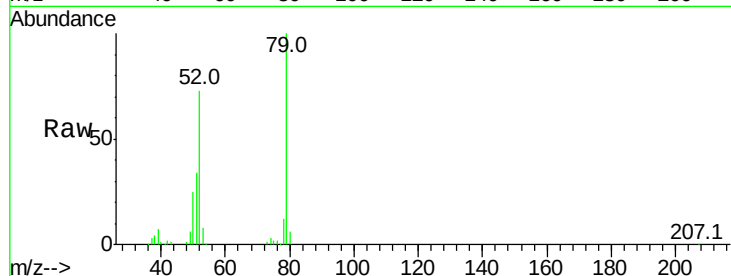
Tot Ion: 79 Resp: 186810

Ion Ratio Lower Upper

79 100

52 73.4 59.8 89.6

51 34.2 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.833 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

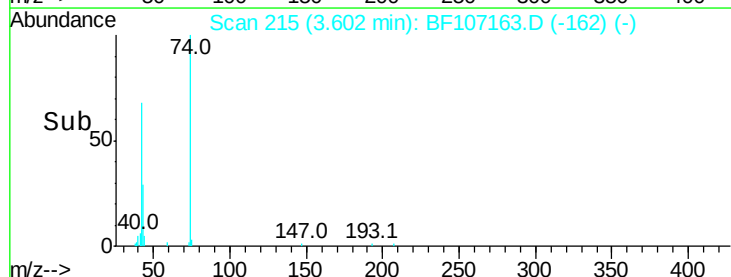
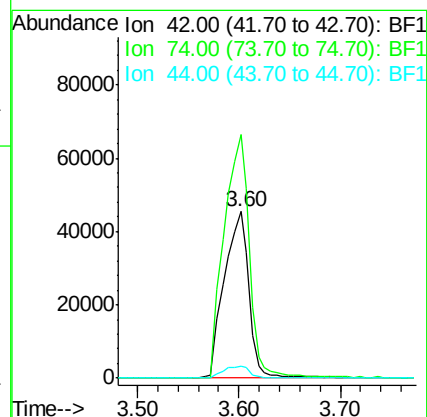
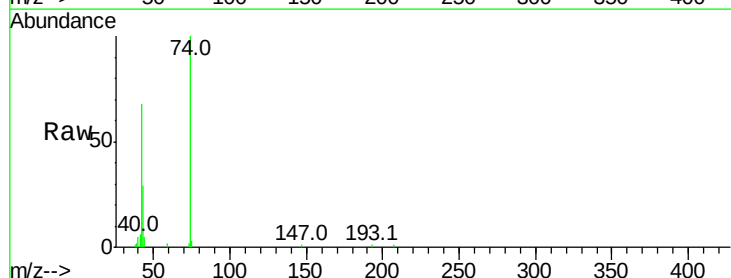
Tgt Ion: 42 Resp: 76705

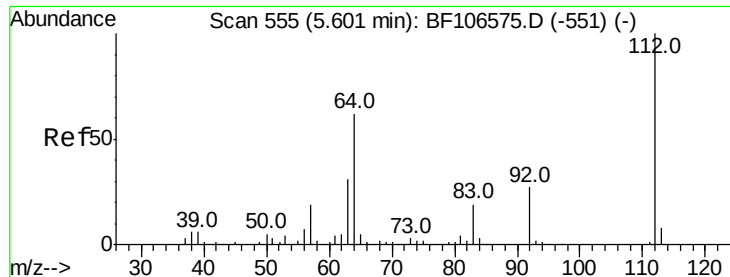
Ion Ratio Lower Upper

42 100

74 146.3 104.9 157.3

44 7.1 6.9 10.3

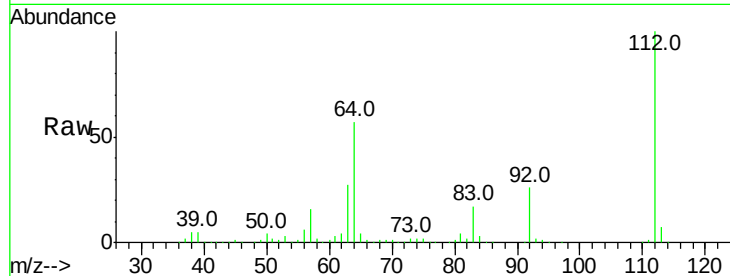




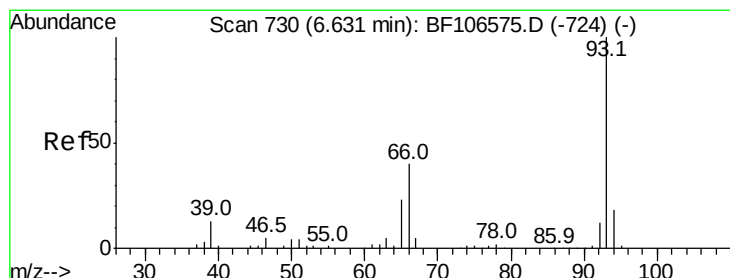
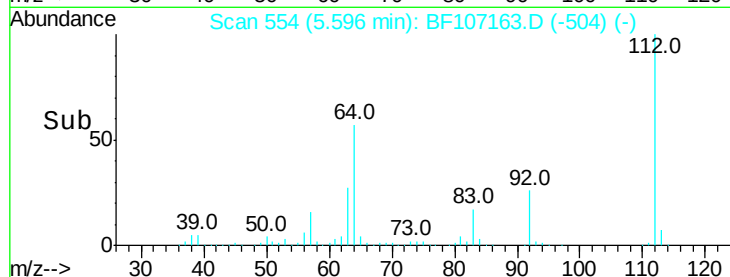
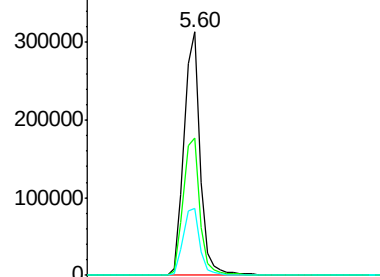
#5
 2-Fluorophenol
 Concen: 83.925 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

Tot Ion:112 Resp: 312074
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 27.5 23.7 35.5

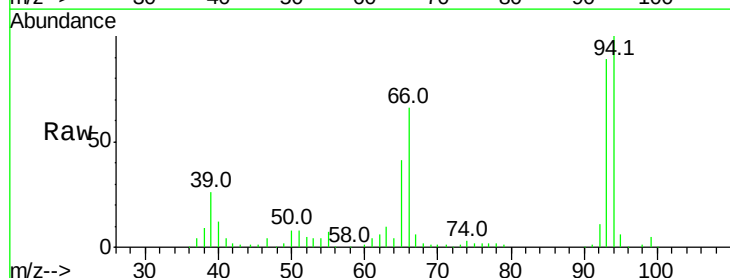


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

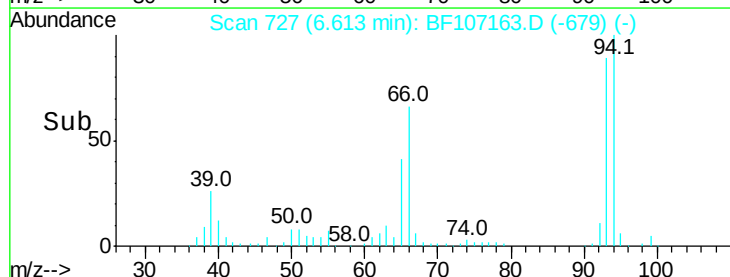
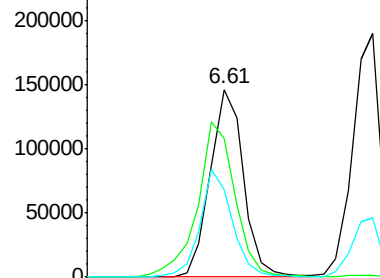


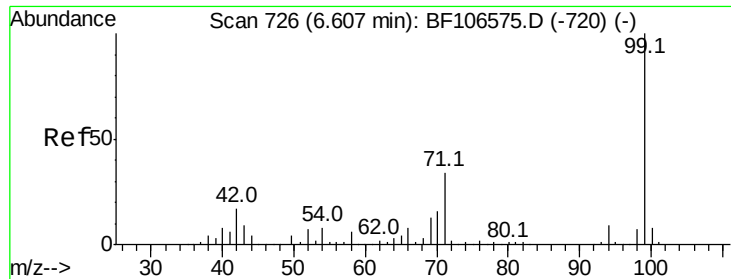
#6
 Aniline
 Concen: 25.443 ng
 RT: 6.61 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion: 93 Resp: 160267
 Ion Ratio Lower Upper
 93 100
 66 73.9 32.2 48.2#
 65 46.2 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.147 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

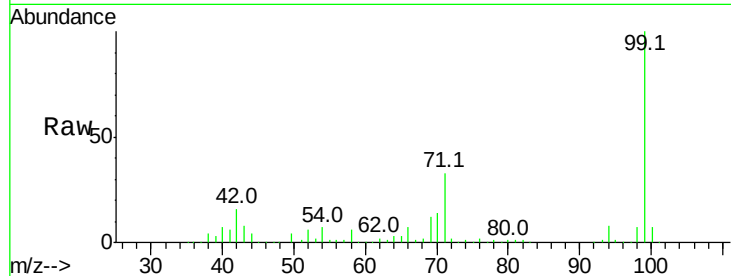
Tot Ion: 99 Resp: 386108

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

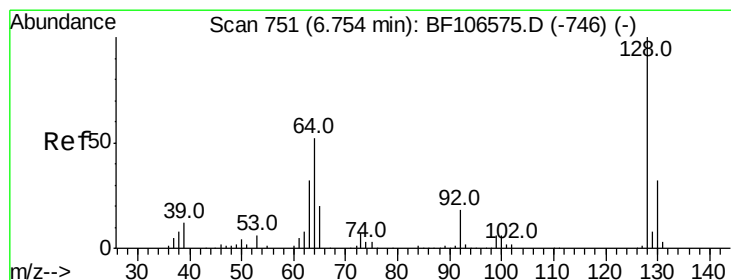
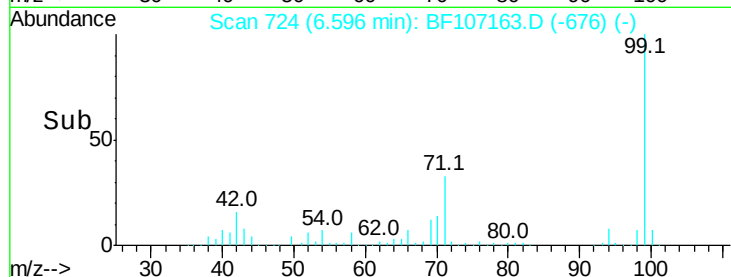
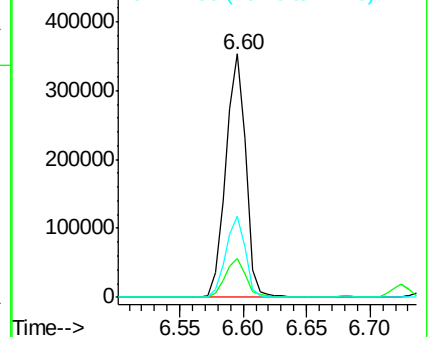
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.377 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

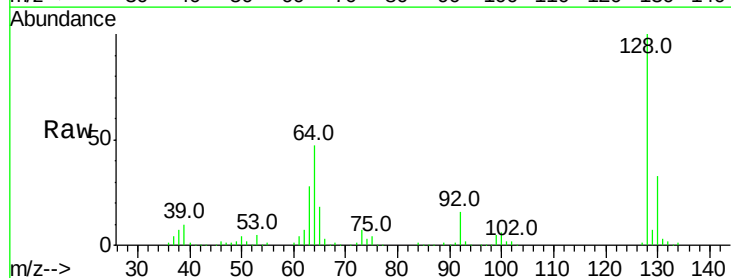
Tgt Ion: 128 Resp: 172836

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

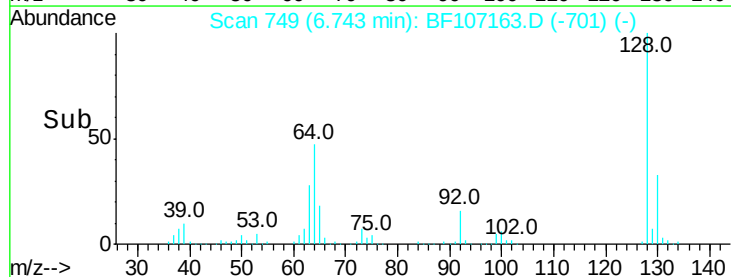
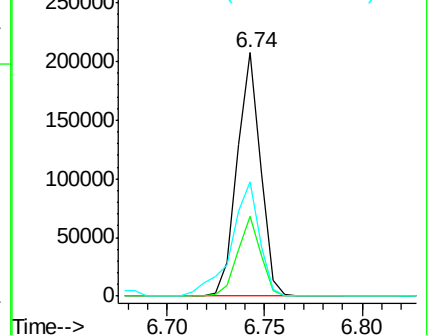
64 46.9 29.4 69.4

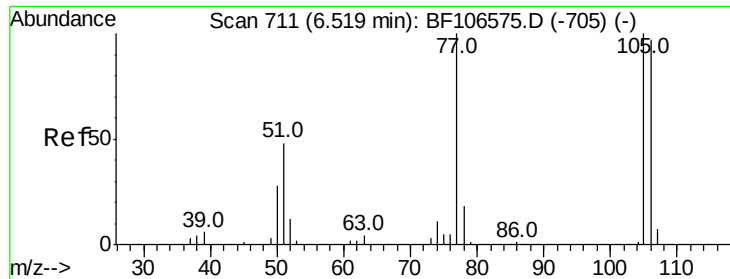


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.934 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

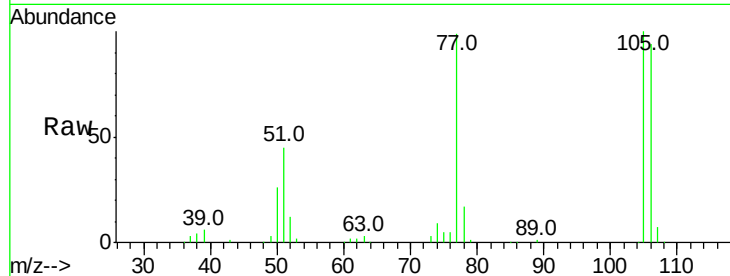
Tot Ion: 77 Resp: 87342

Ion Ratio Lower Upper

77 100

105 101.3 81.1 121.1

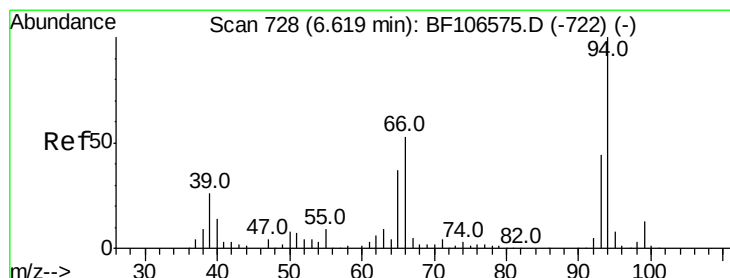
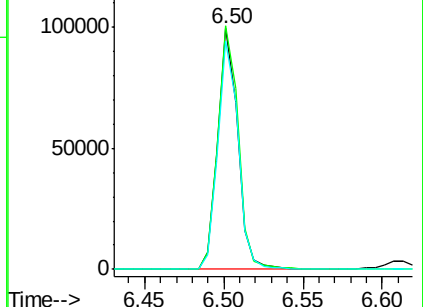
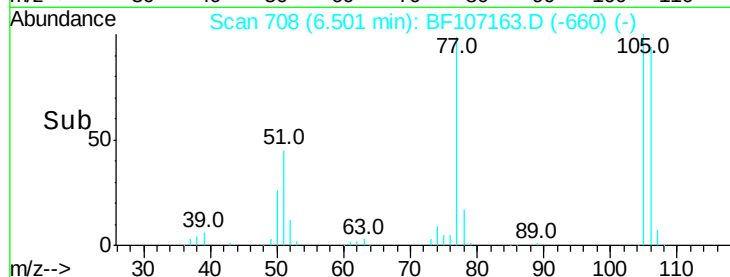
106 95.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.266 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

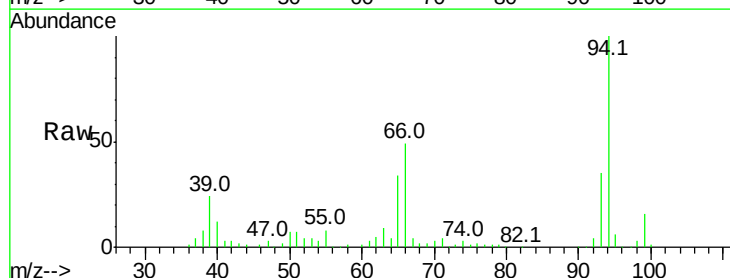
Tgt Ion: 94 Resp: 213394

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

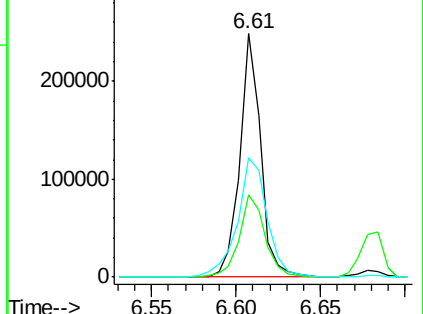
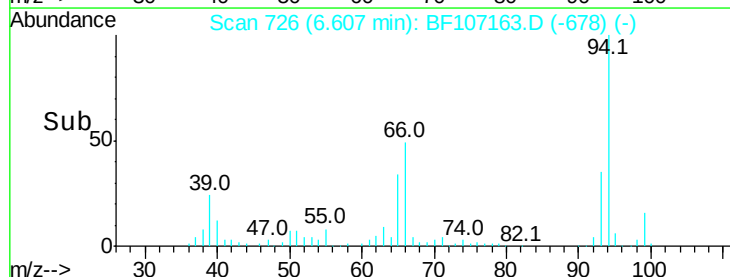
66 48.9 16.2 56.2

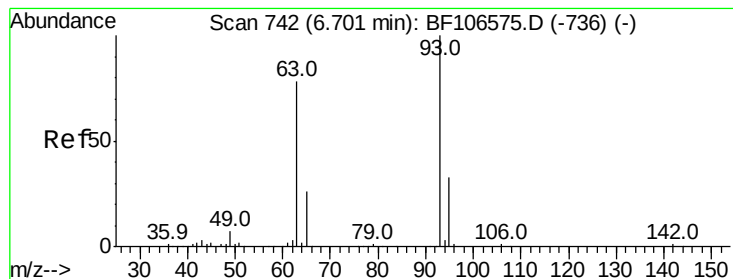


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.586 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

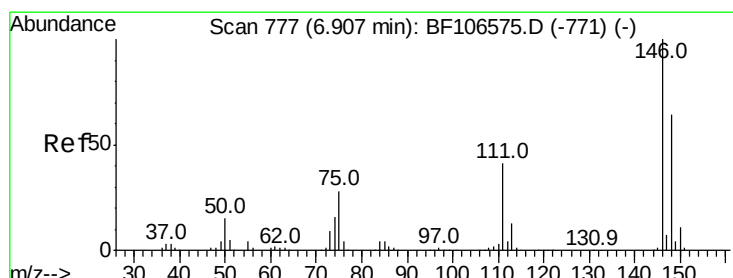
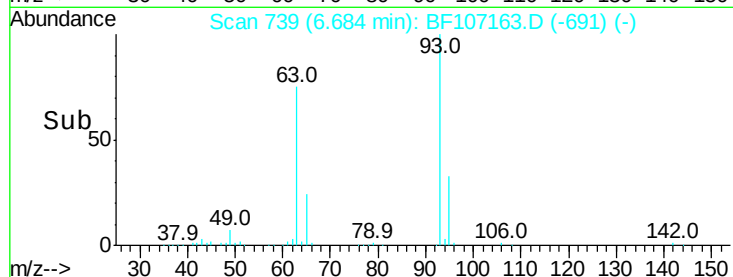
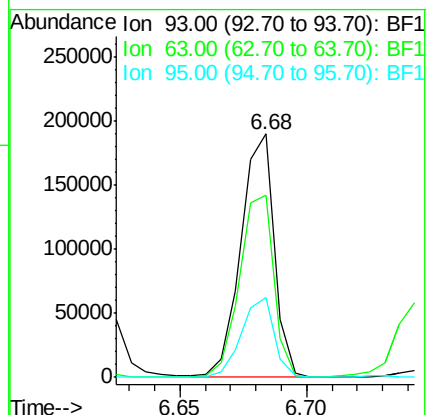
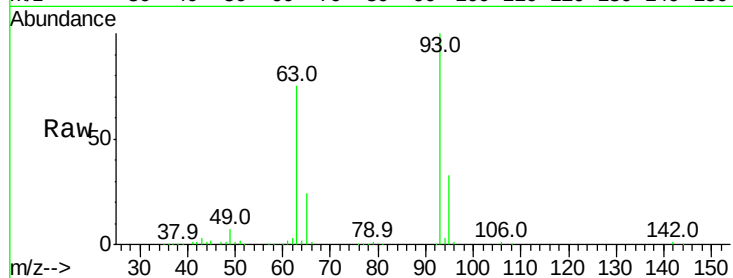
Tot Ion: 93 Resp: 173190

Ion Ratio Lower Upper

93 100

63 75.0 58.6 98.6

95 32.8 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.045 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

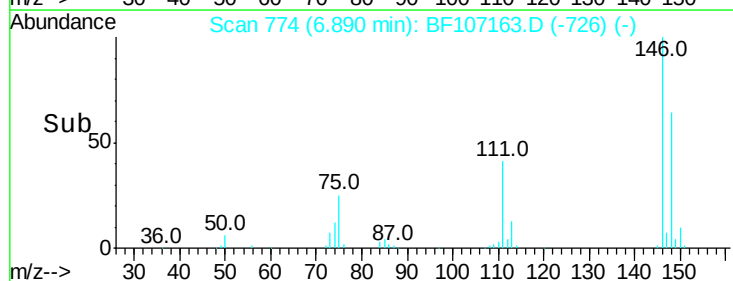
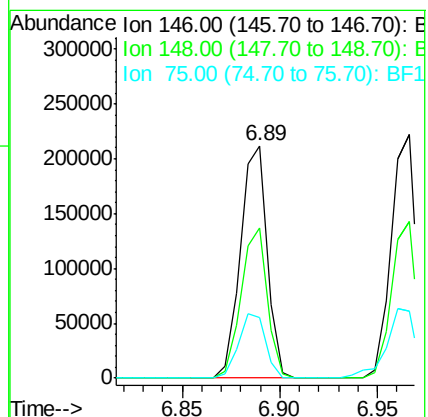
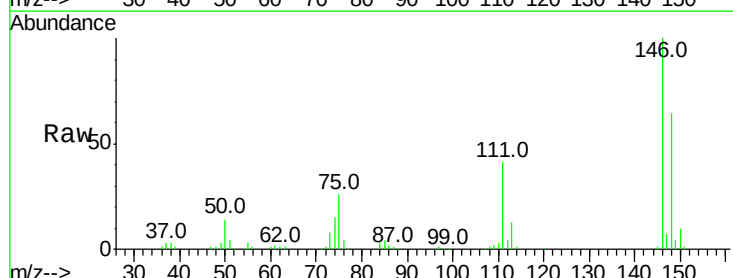
Tgt Ion: 146 Resp: 200843

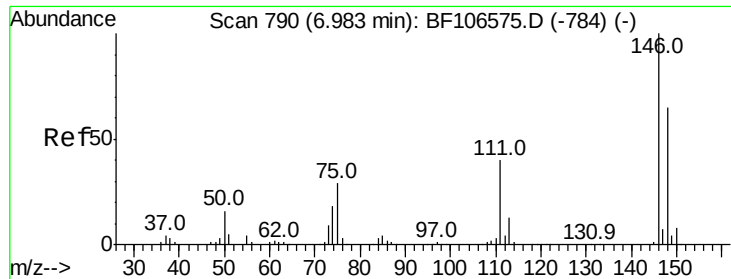
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

75 26.2 24.2 36.4

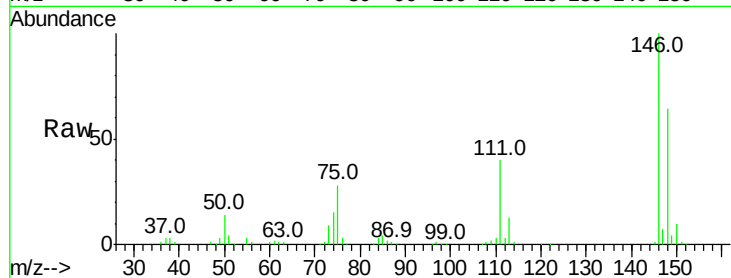




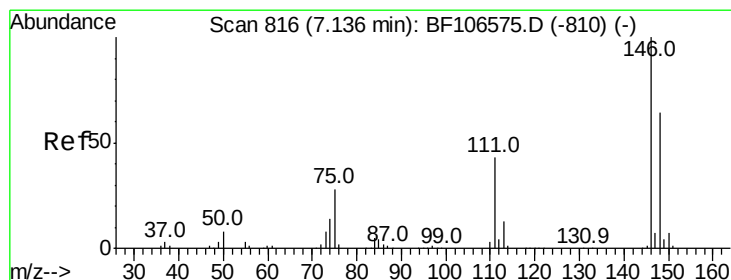
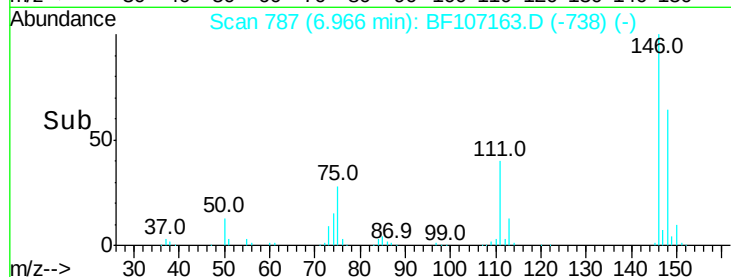
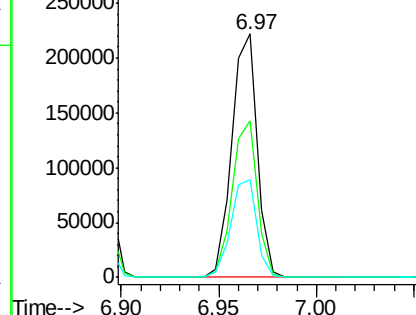
#13
 1,4-Dichlorobenzene
 Concen: 41.562 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

Tot Ion:146 Resp: 200719
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 39.9 34.2 51.2

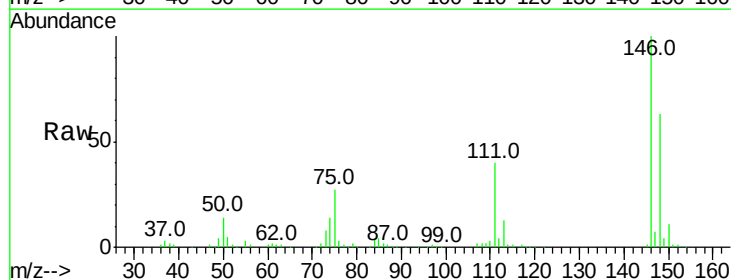


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

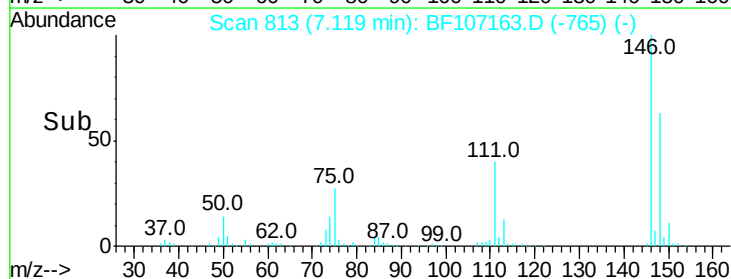
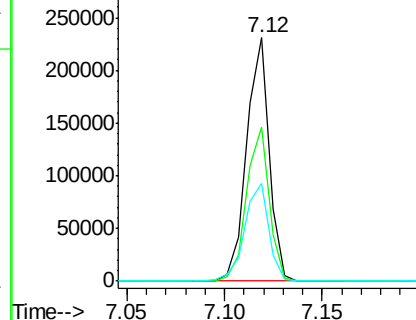


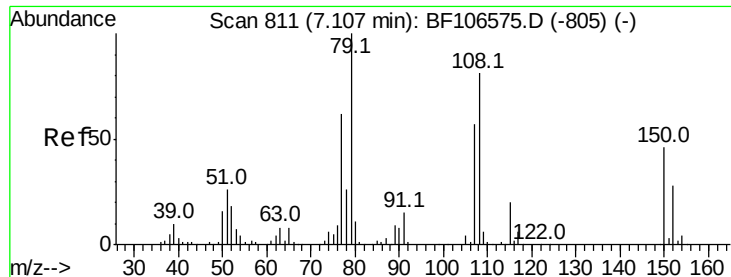
#14
 1,2-Dichlorobenzene
 Concen: 41.789 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:146 Resp: 184958
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 40.4 36.0 54.0



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

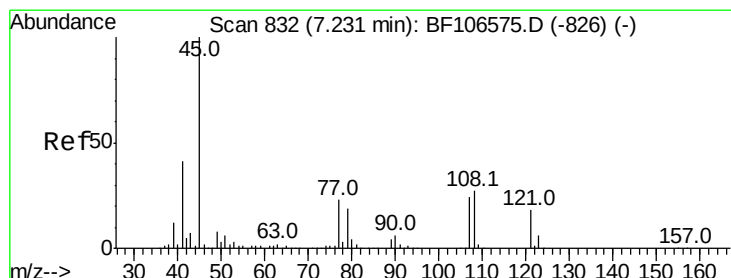
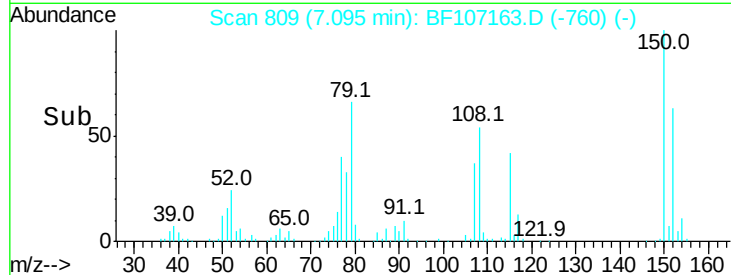
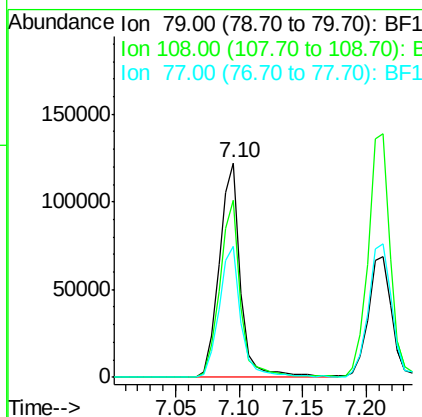
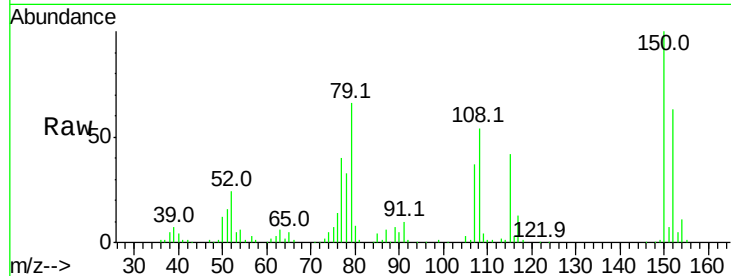




#15
Benzyl Alcohol
Concen: 38.394 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

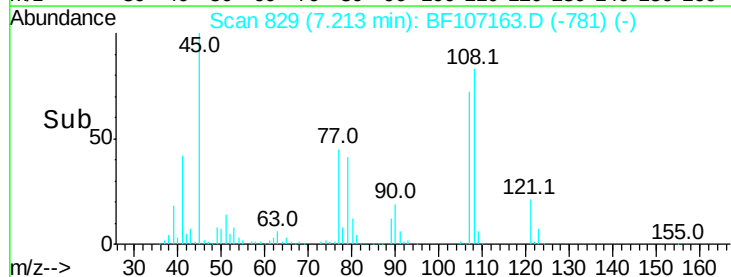
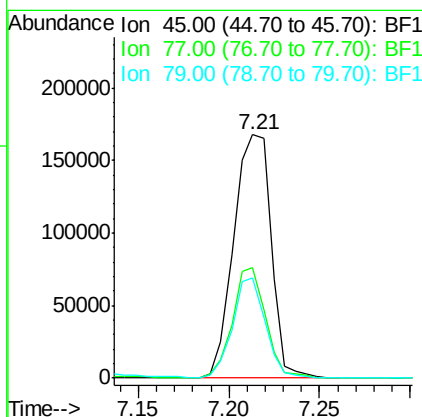
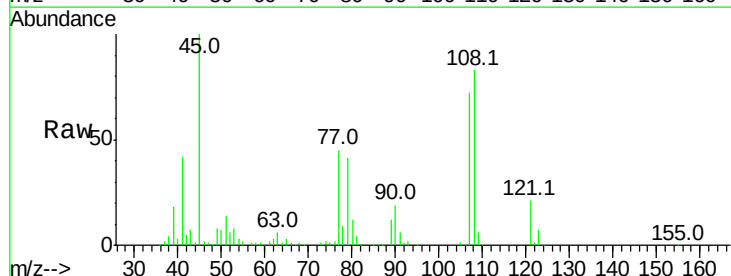
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

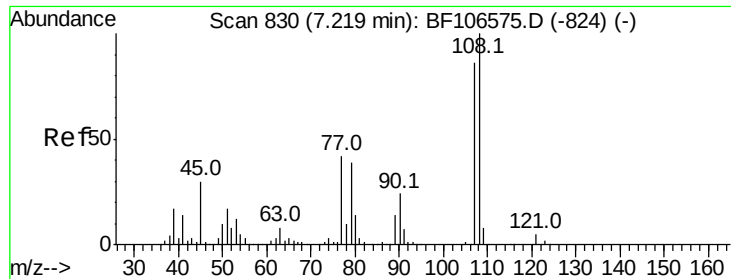
Tot Ion: 79 Resp: 143160
Ion Ratio Lower Upper
79 100
108 82.5 65.1 97.7
77 61.3 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.847 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion: 45 Resp: 240212
Ion Ratio Lower Upper
45 100
77 45.3 0.0 32.9#
79 41.1 0.0 29.6#

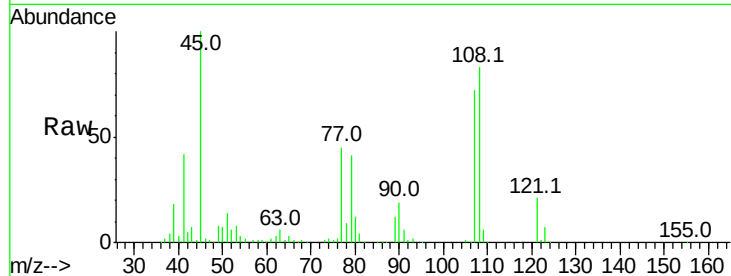




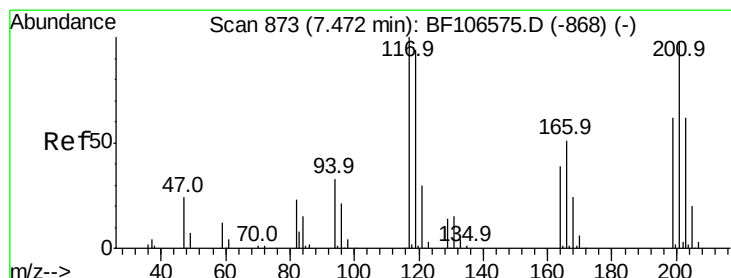
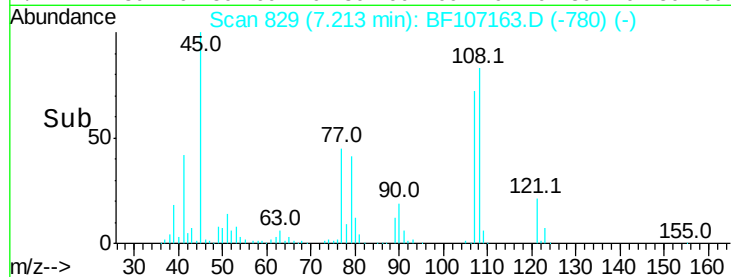
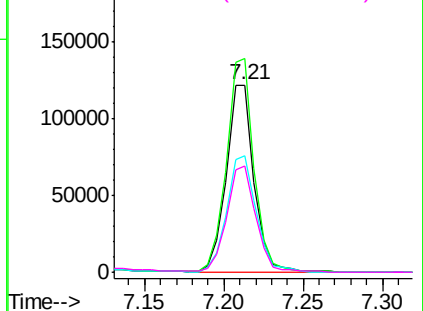
#17
2-Methylphenol
Concen: 42.150 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion:107 Resp: 147115
Ion Ratio Lower Upper
107 100
108 114.1 91.7 137.5
77 62.5 33.8 50.8#
79 56.7 33.8 50.8#

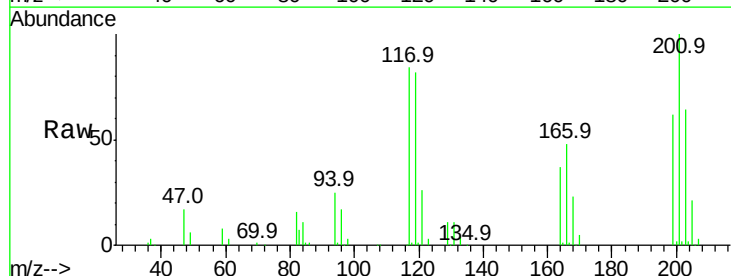


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

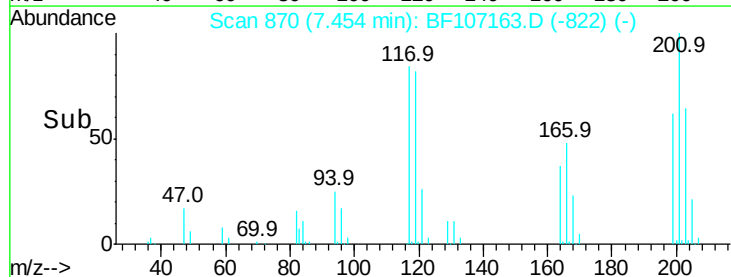
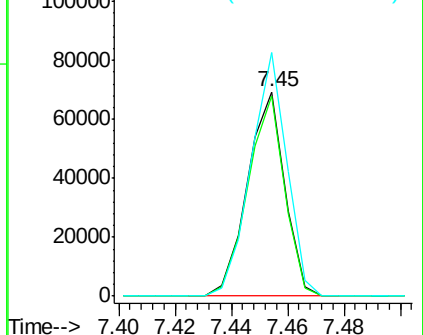


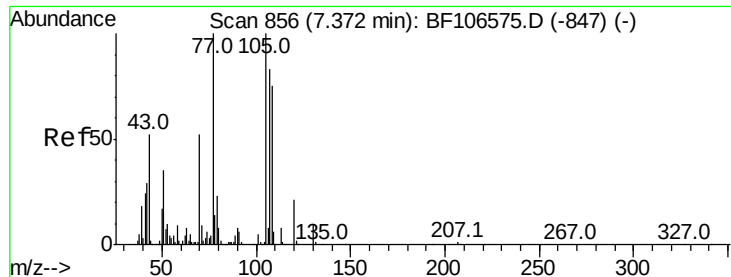
#18
Hexachloroethane
Concen: 37.292 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:117 Resp: 63333
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
201 119.3 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

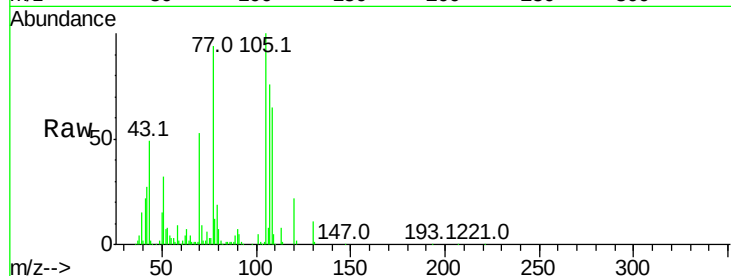




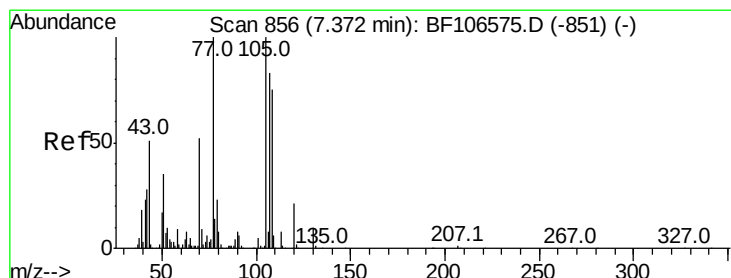
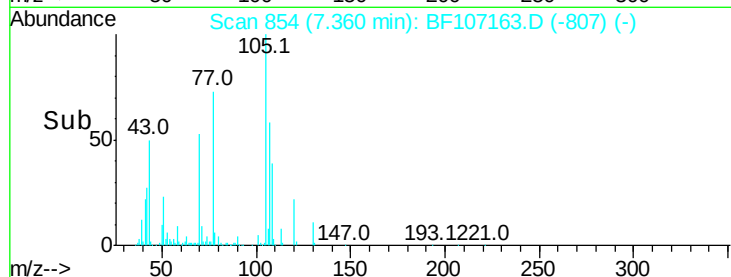
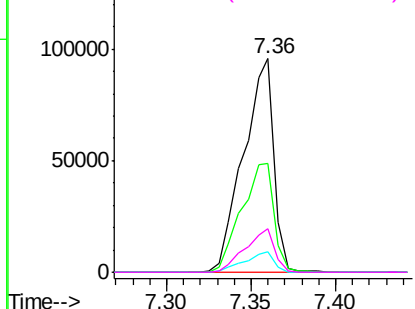
#19
n-Nitroso-di-n-propylamine
Concen: 39.217 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion: 70 Resp: 120041
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 9.5 7.4 11.2
130 20.3 16.6 25.0

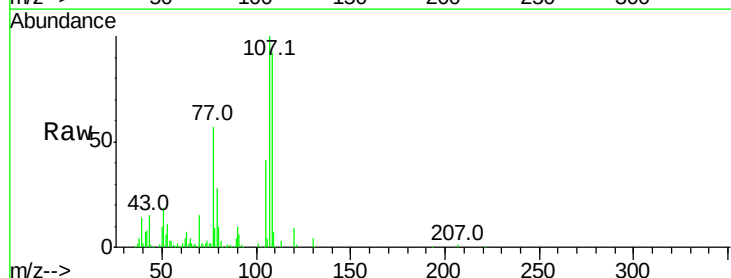


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

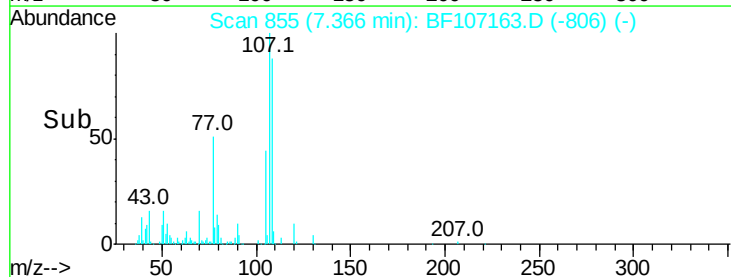
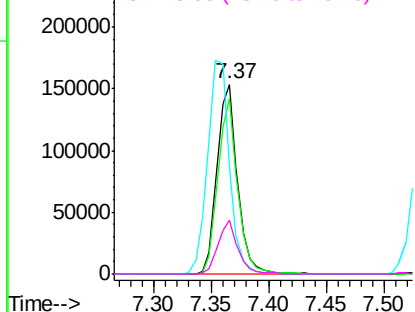


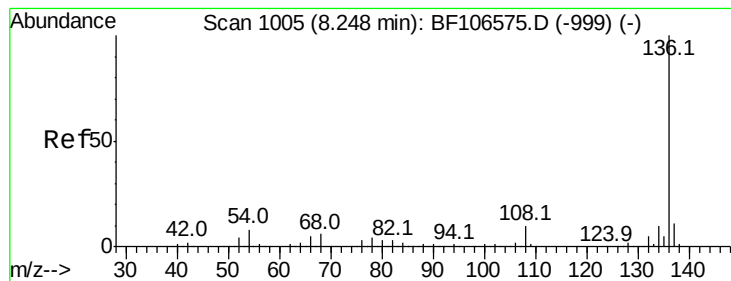
#20
3+4-Methylphenols
Concen: 52.046 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion: 107 Resp: 187541
Ion Ratio Lower Upper
107 100
108 92.3 68.2 108.2
77 56.9 26.7 66.7
79 28.3 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: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

Tot Ion:136 Resp: 241770

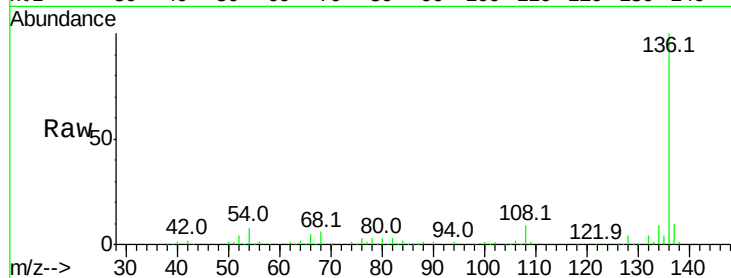
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.8 6.6 9.8

68 6.1 5.0 7.4

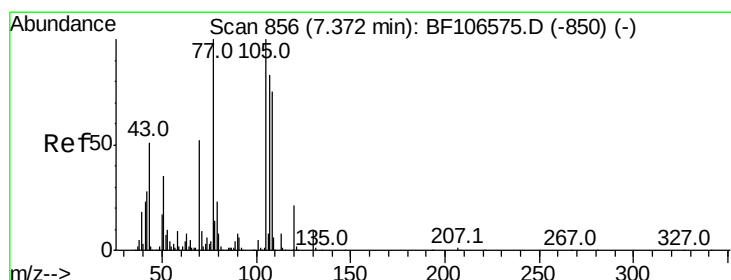
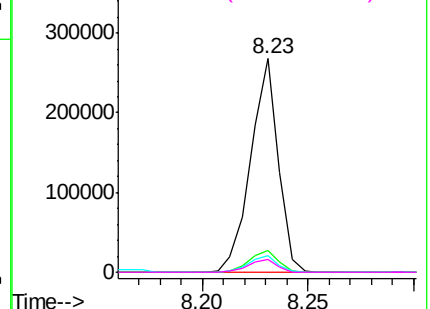
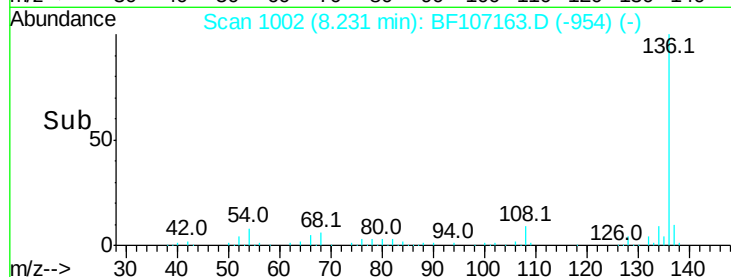


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.719 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Tgt Ion:105 Resp: 236475

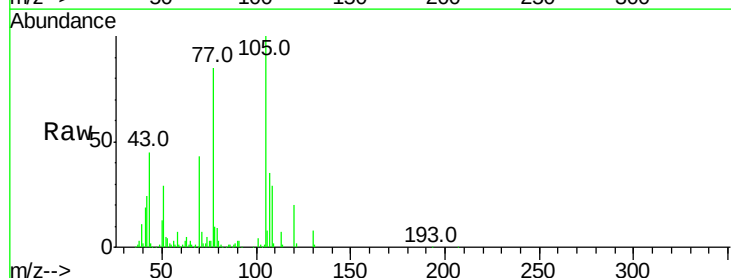
Ion Ratio Lower Upper

105 100

71 7.3 4.4 6.6#

51 29.3 22.3 33.5

120 20.4 16.9 25.3

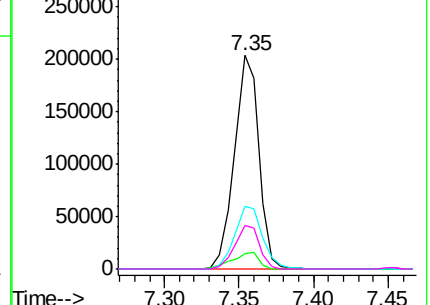
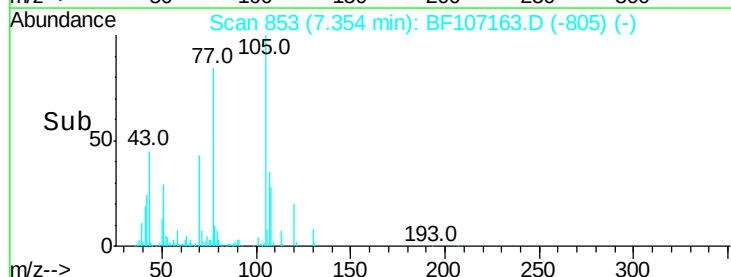


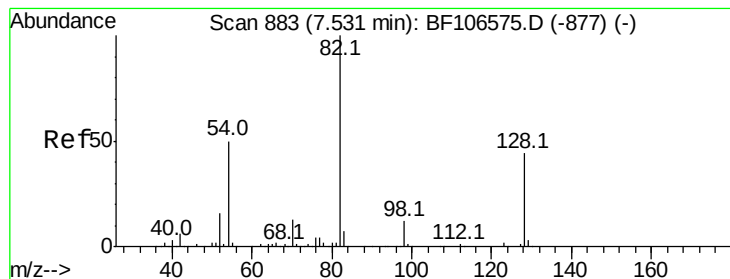
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.887 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

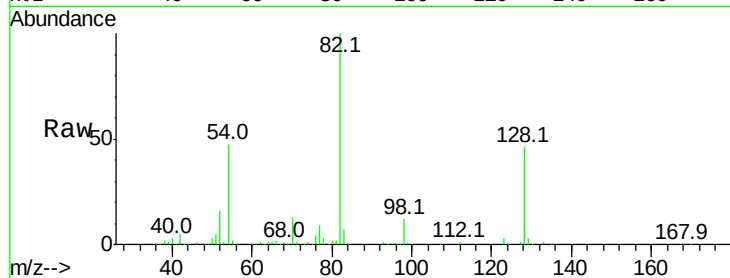
Tot Ion: 82 Resp: 360594

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

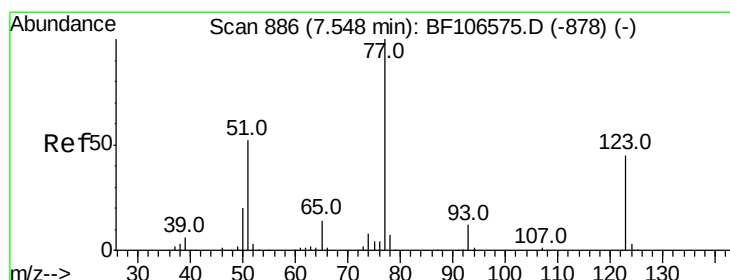
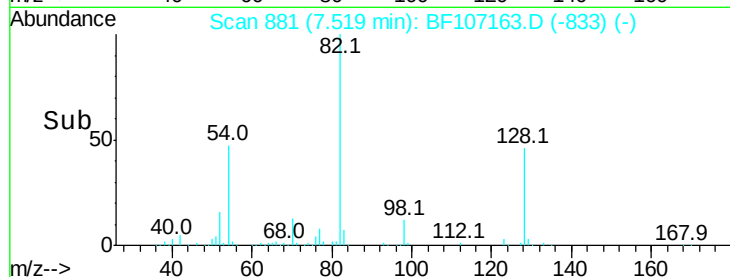
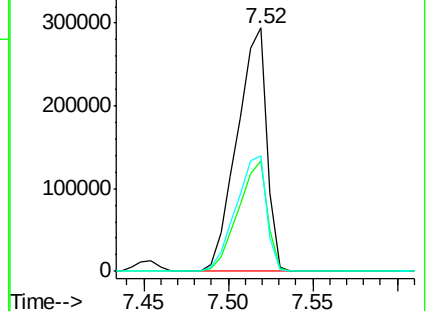
54 47.4 41.4 62.2



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: 42.078 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

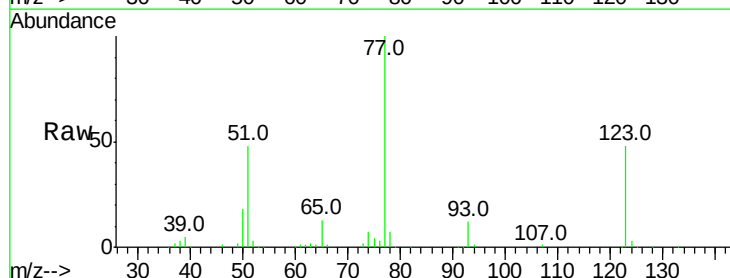
Tgt Ion: 77 Resp: 186895

Ion Ratio Lower Upper

77 100

123 47.8 37.9 56.9

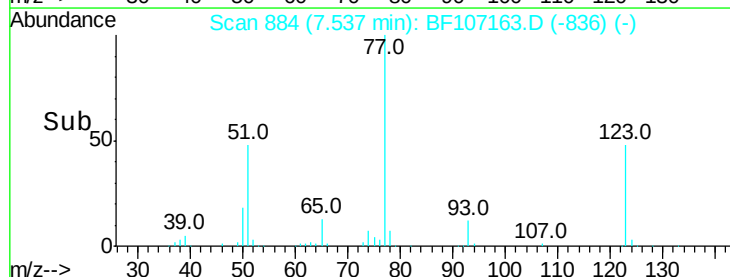
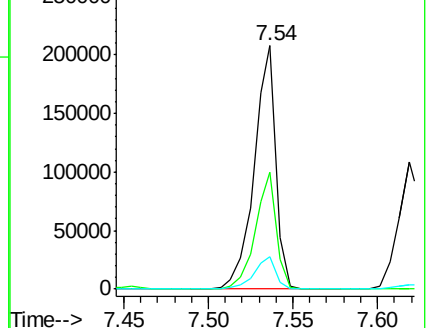
65 13.4 11.0 16.4

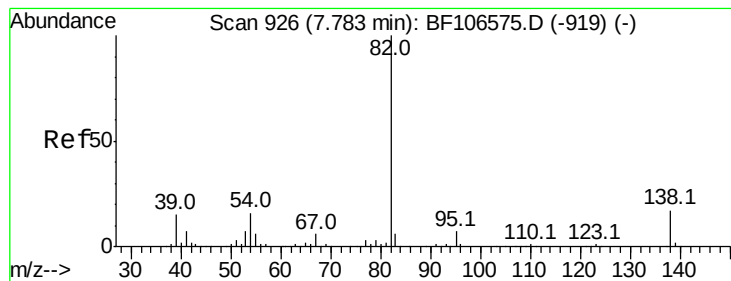


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.119 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

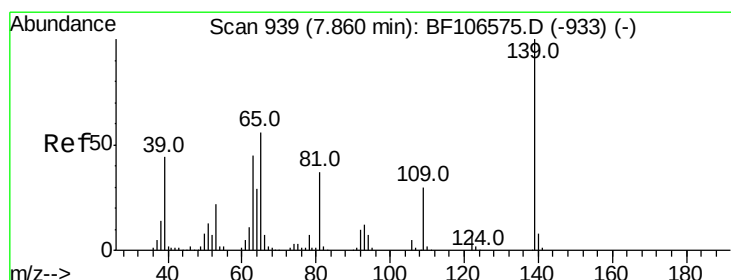
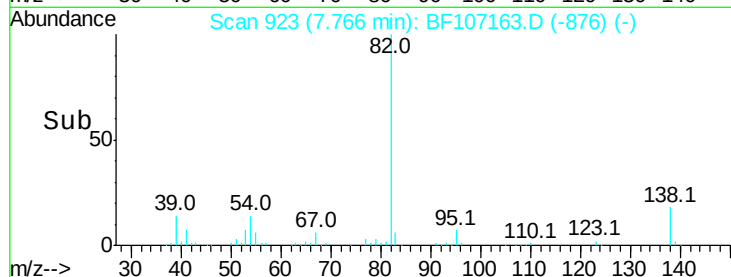
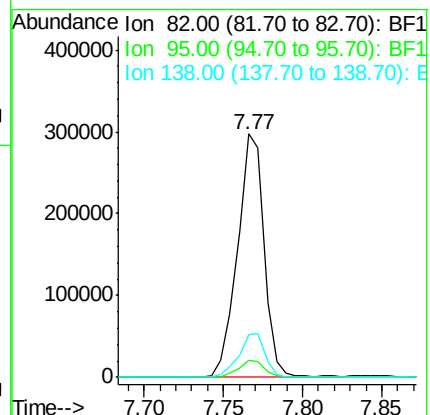
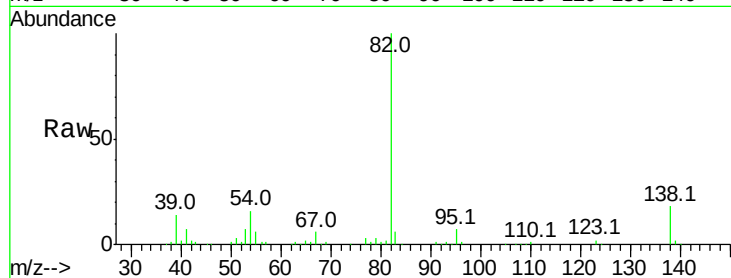
Tot Ion: 82 Resp: 345888

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 44.637 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

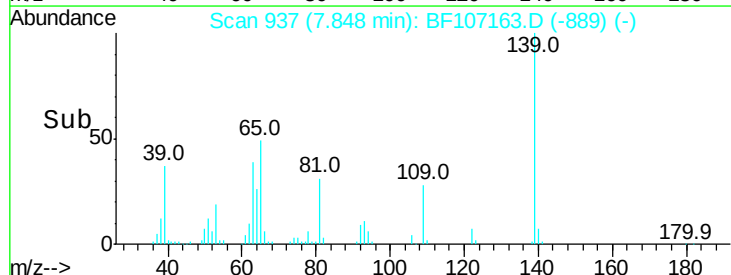
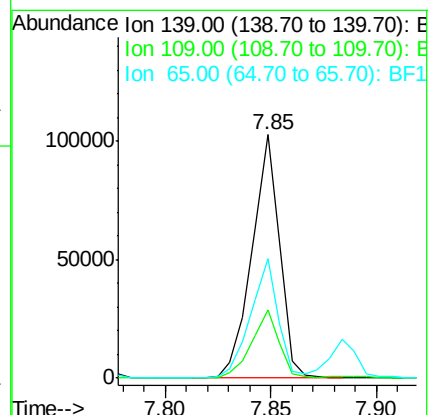
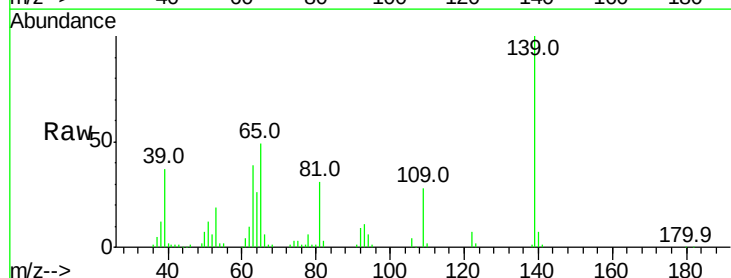
Tgt Ion: 139 Resp: 93593

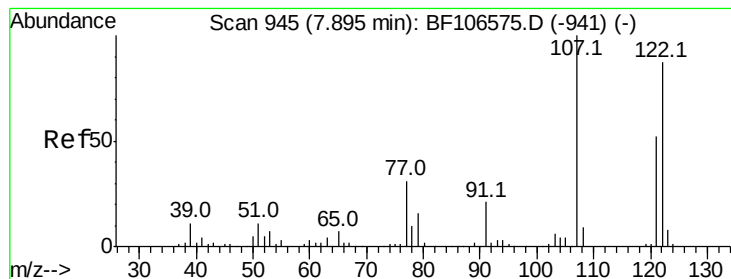
Ion Ratio Lower Upper

139 100

109 28.0 22.7 34.1

65 48.9 40.5 60.7

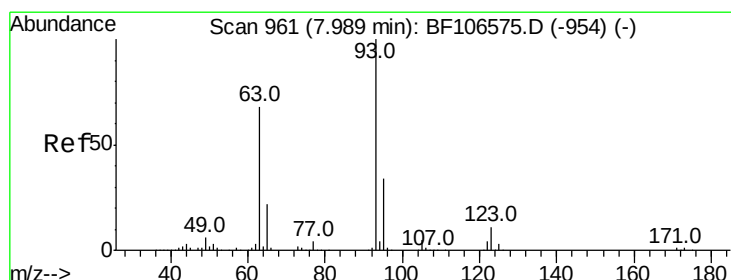
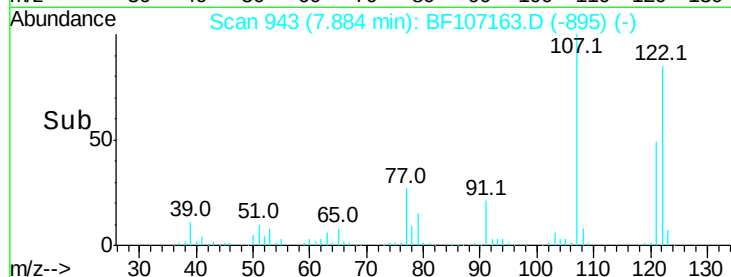
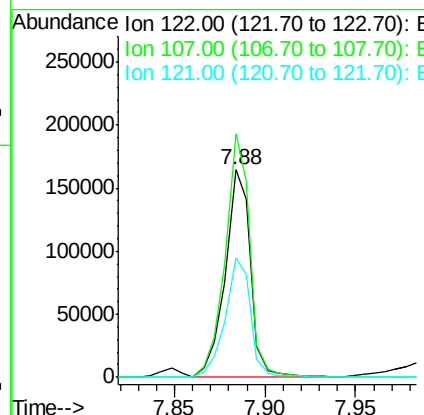
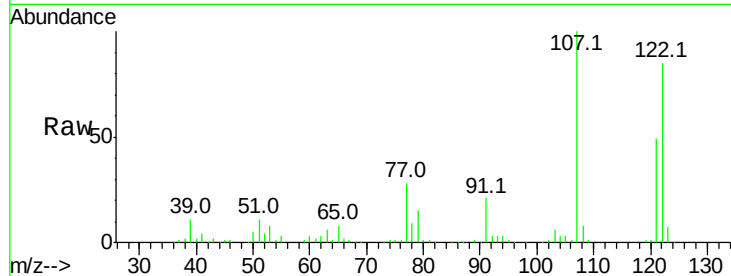




#27
 2,4-Dimethylphenol
 Concen: 49.361 ng
 RT: 7.88 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

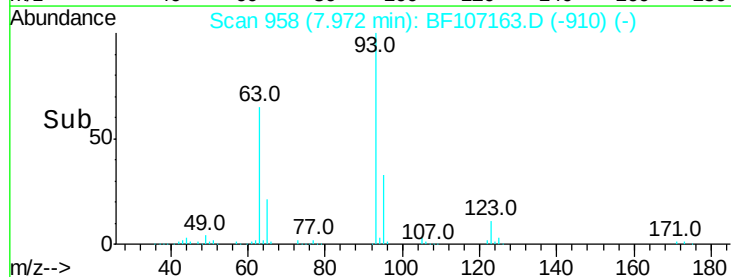
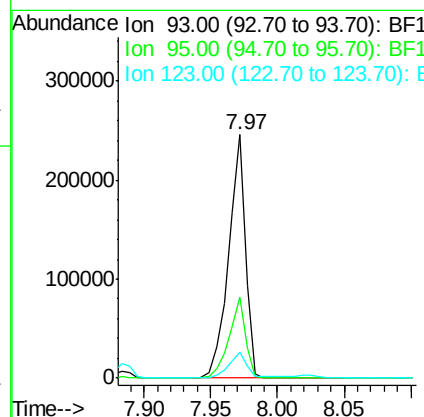
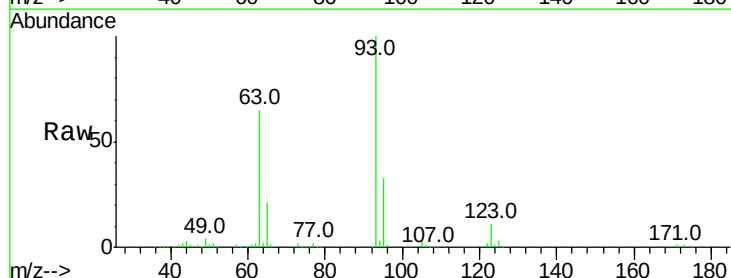
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

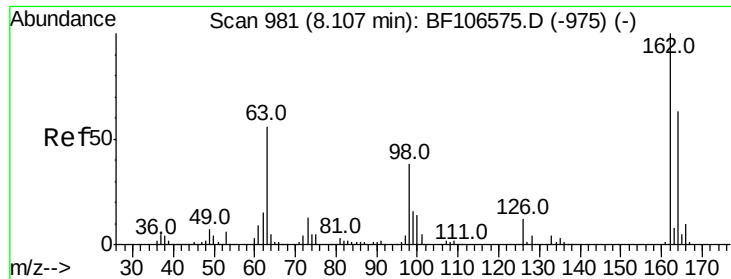
Tot Ion:122 Resp: 159972
 Ion Ratio Lower Upper
 122 100
 107 117.4 91.2 136.8
 121 57.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.256 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion: 93 Resp: 222646
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.6 9.8 14.6

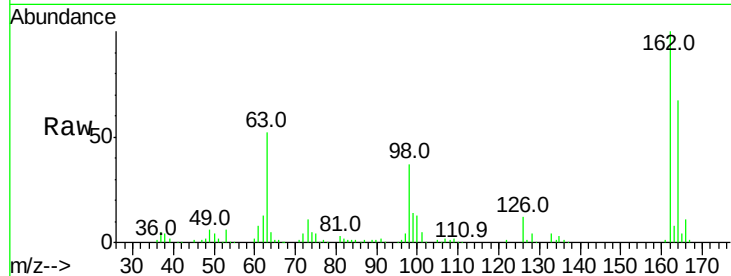




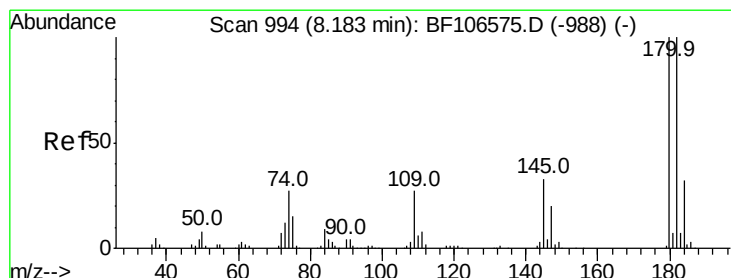
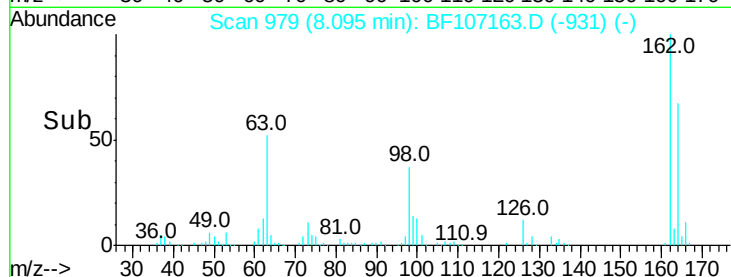
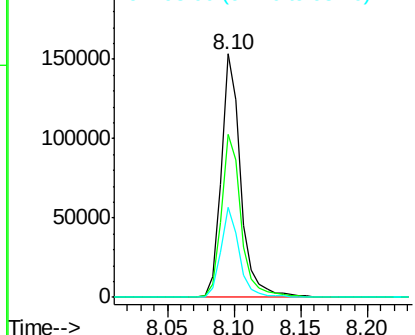
#29
2,4-Dichlorophenol
Concen: 46.721 ng
RT: 8.10 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion:162 Resp: 158524
Ion Ratio Lower Upper
162 100
164 67.1 42.7 82.7
98 36.8 18.1 58.1

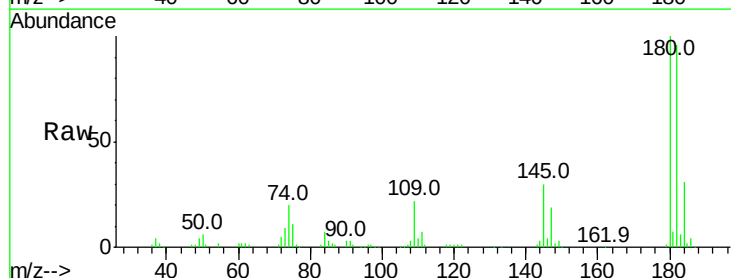


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

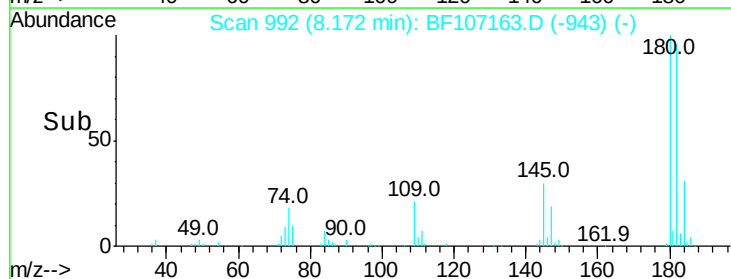
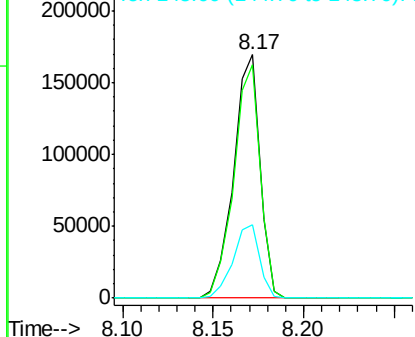


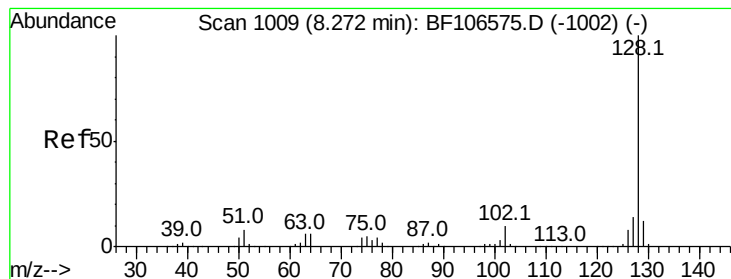
#30
1,2,4-Trichlorobenzene
Concen: 46.058 ng
RT: 8.17 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:180 Resp: 172153
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 30.1 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: 43.989 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

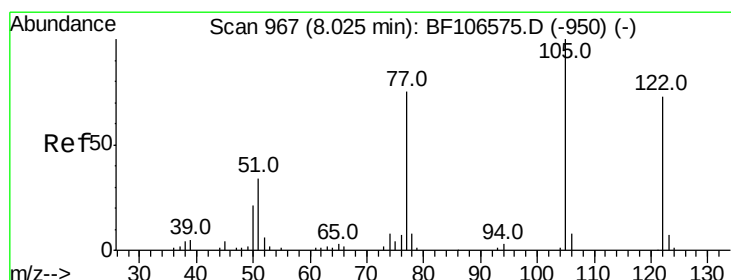
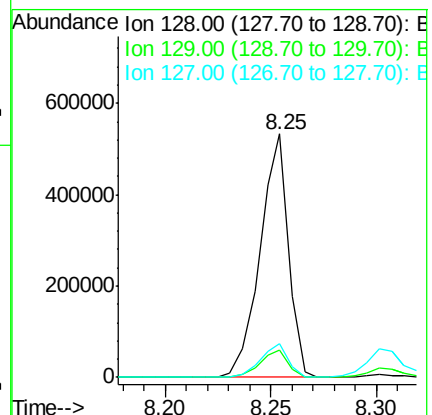
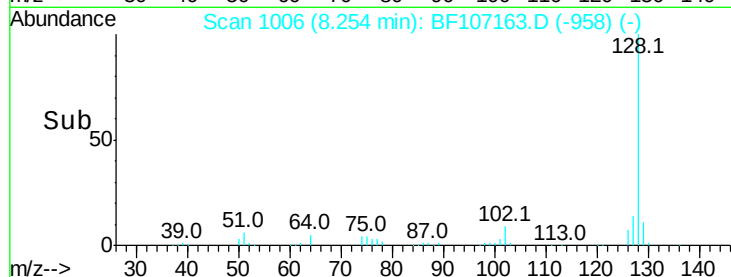
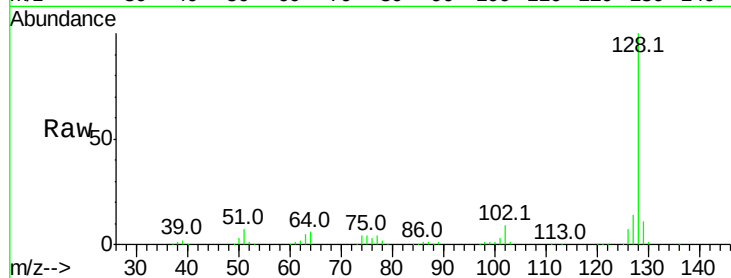
Tot Ion:128 Resp: 497224

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 35.448 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

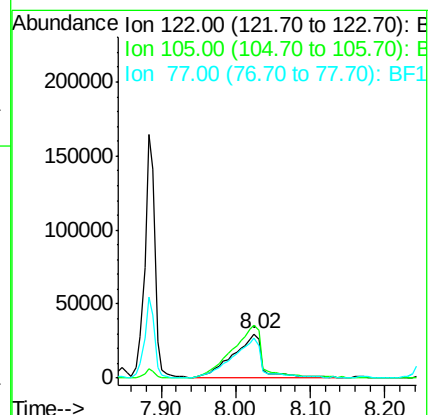
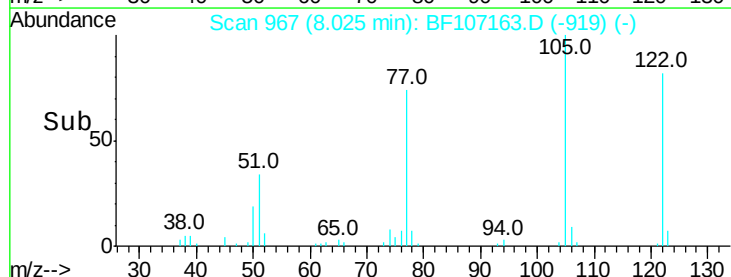
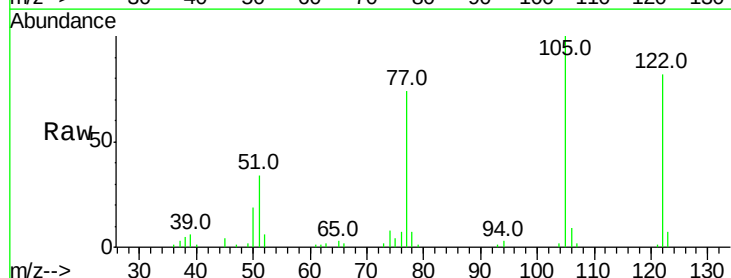
Tgt Ion:122 Resp: 79551

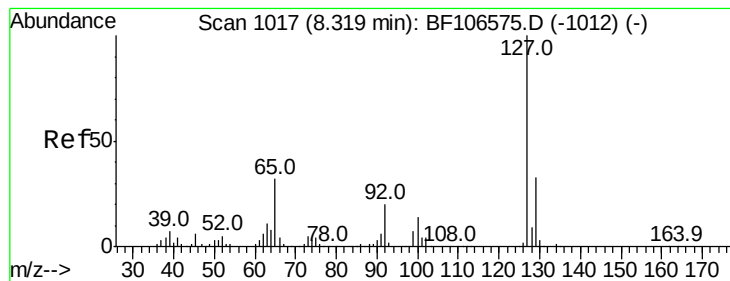
Ion Ratio Lower Upper

122 100

105 121.5 101.1 141.1

77 89.8 70.7 110.7





#33

4-Chloroaniline

Concen: 18.429 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

Tot Ion:127 Resp: 87407

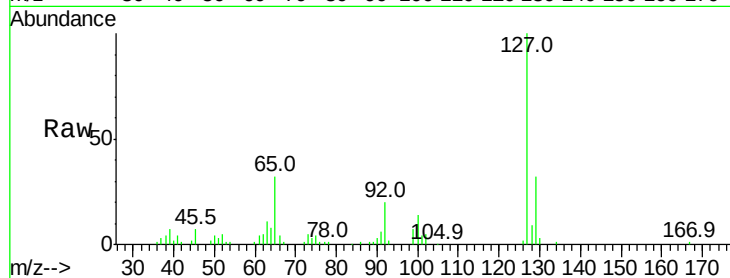
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 32.4 25.0 37.4

92 20.2 15.2 22.8

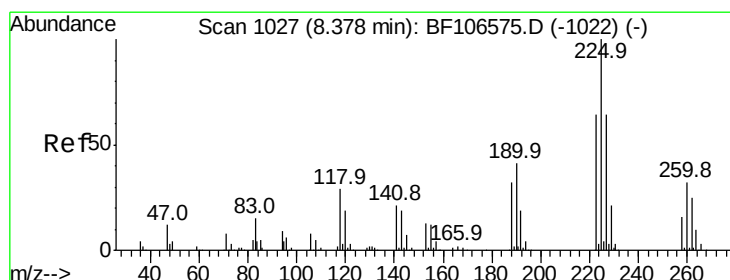
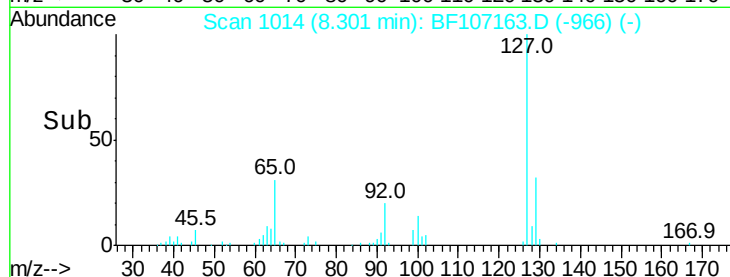
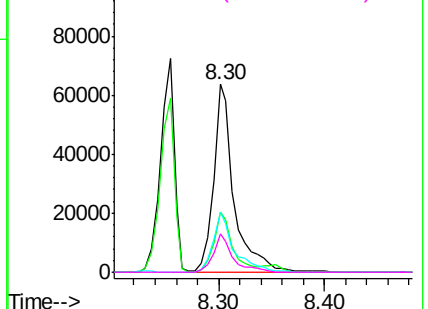


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 46.700 ng

RT: 8.35 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

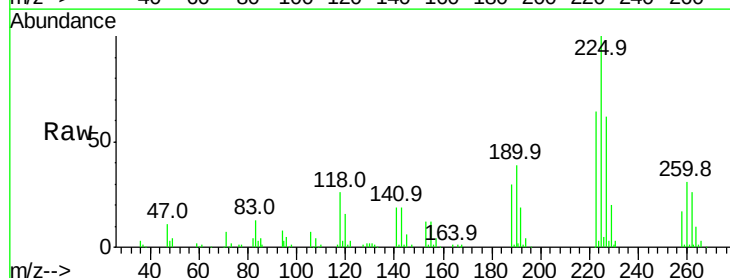
Tgt Ion:225 Resp: 113739

Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

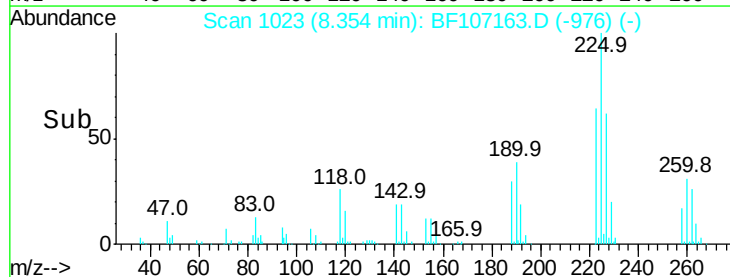
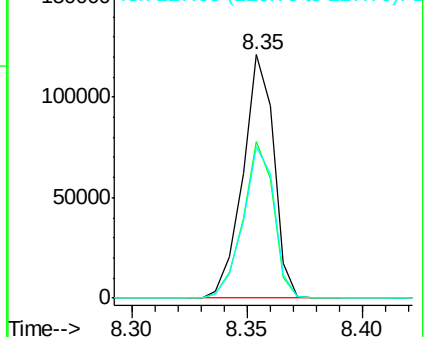
227 62.4 51.9 77.9

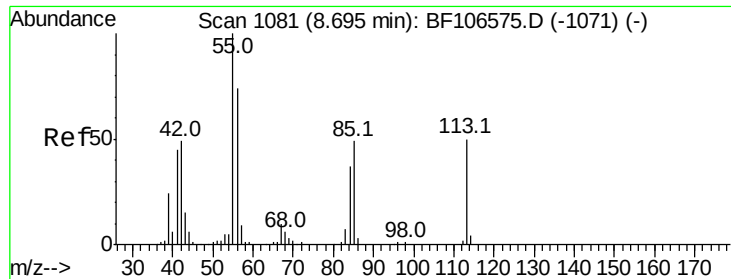


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

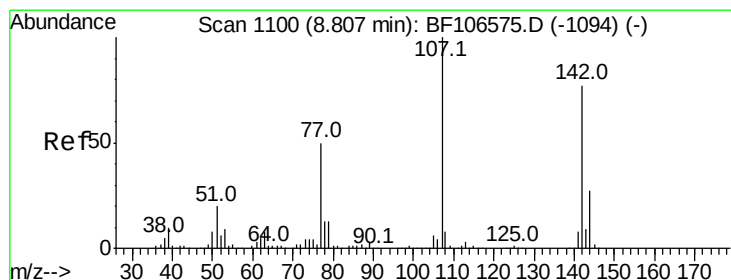
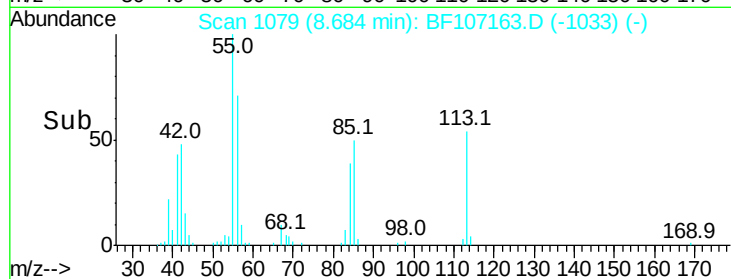
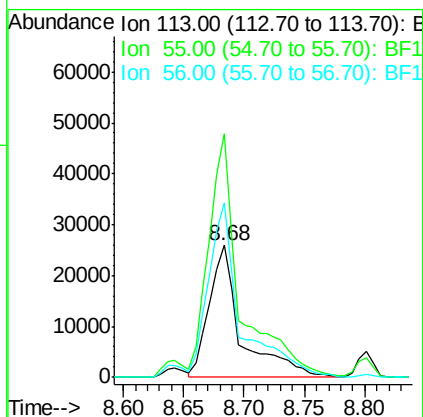
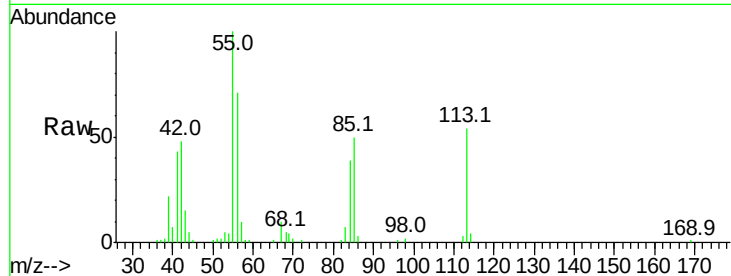




#35
 Caprolactam
 Concen: 43.037 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

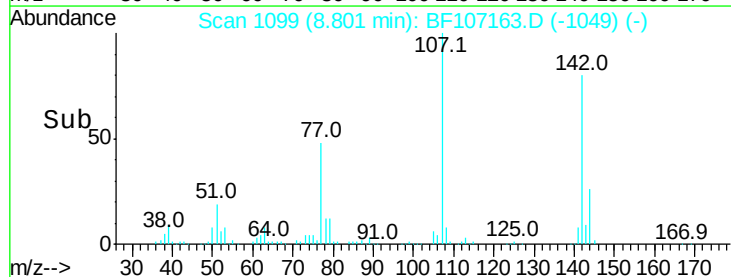
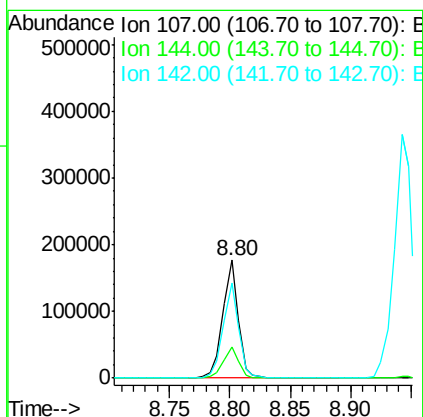
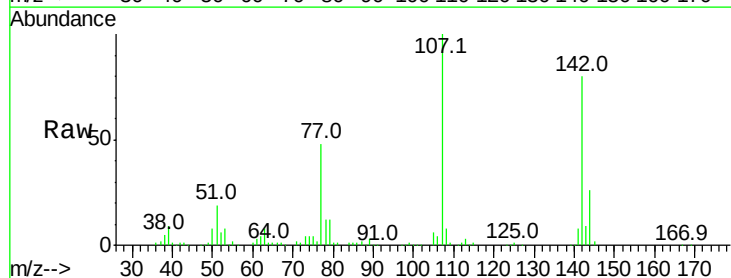
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

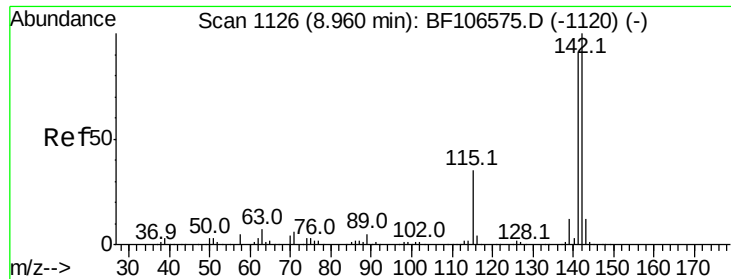
Tot Ion:113 Resp: 47599
 Ion Ratio Lower Upper
 113 100
 55 184.5 163.3 203.3
 56 131.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.125 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:107 Resp: 157583
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 80.5 62.0 93.0

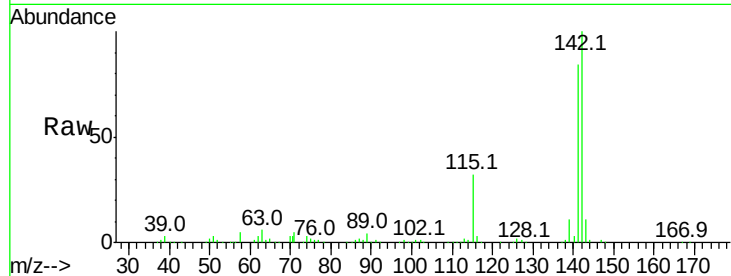




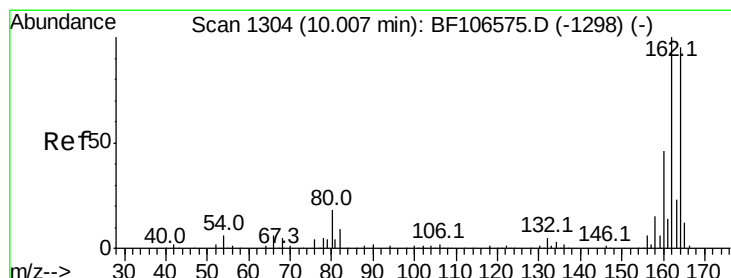
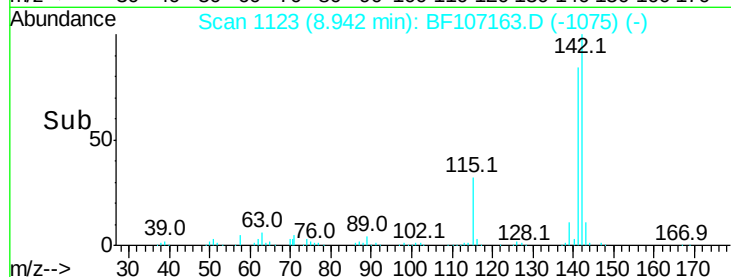
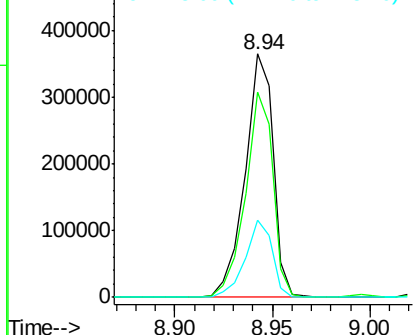
#37
2-Methylnaphthalene
Concen: 48.733 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.2	70.8	106.2
115	32.0	26.1	39.1

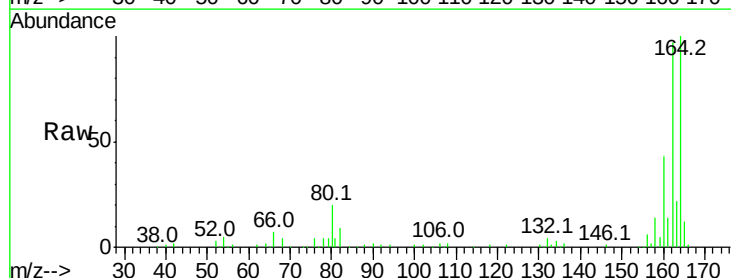


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

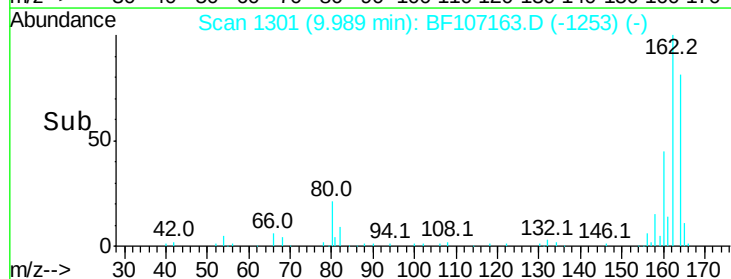
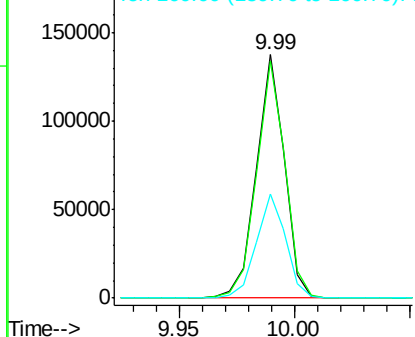


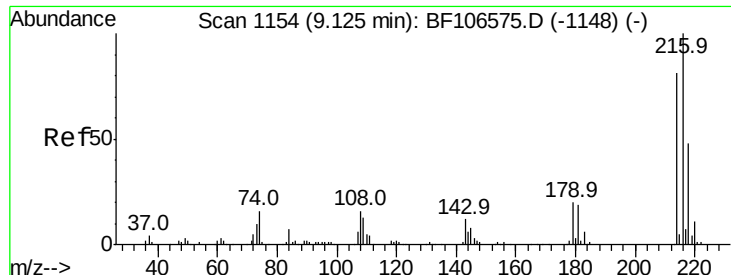
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	42.8	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

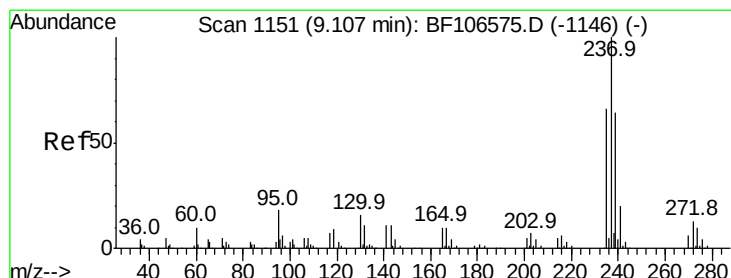
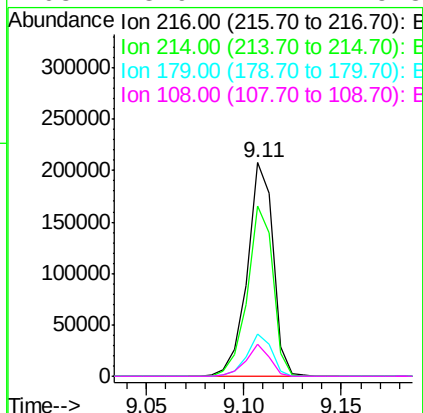
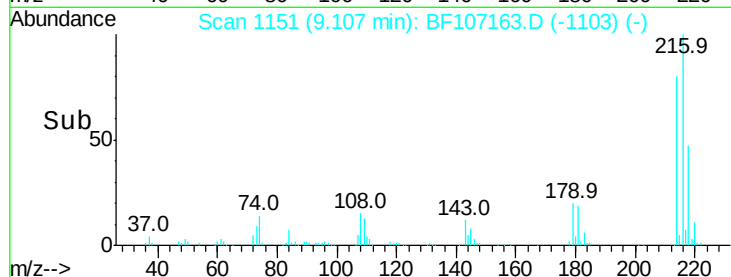
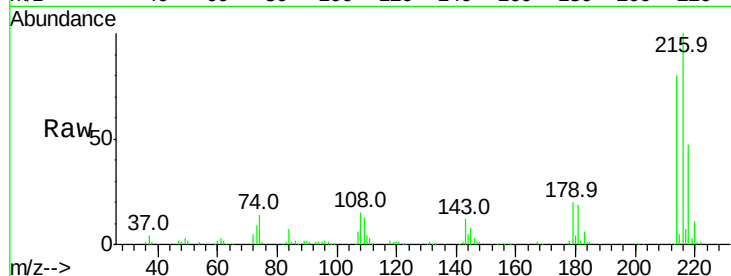




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.669 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

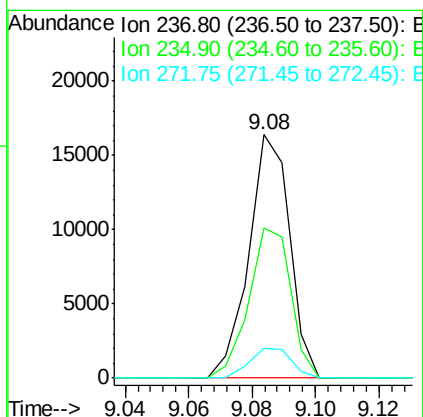
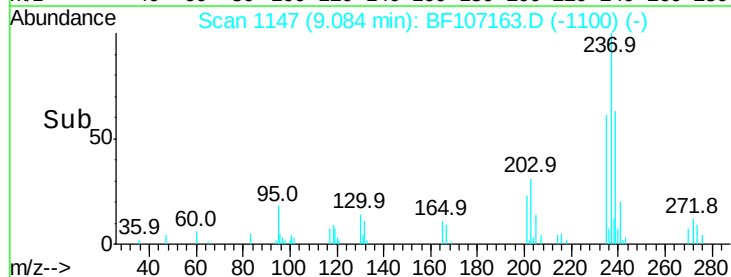
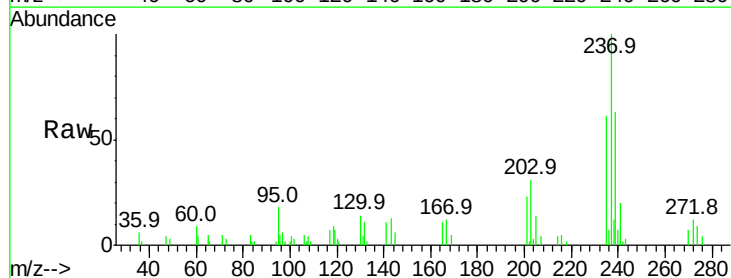
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

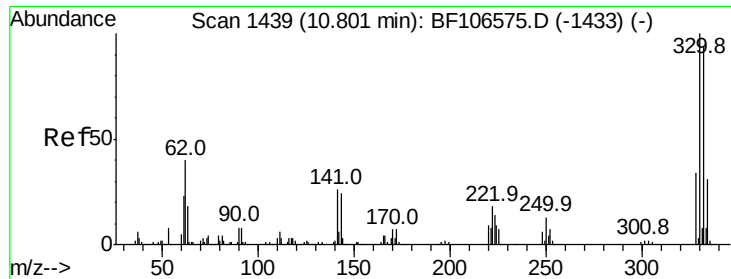
Tot Ion:	216	Resp:	190764
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	19.0	18.1	27.1
108	13.9	17.2	25.8#



#40
 Hexachlorocyclopentadiene
 Concen: 7.258 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:	237	Resp:	14637
Ion	Ratio	Lower	Upper
237	100		
235	61.5	44.8	84.8
272	12.0	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 80.418 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

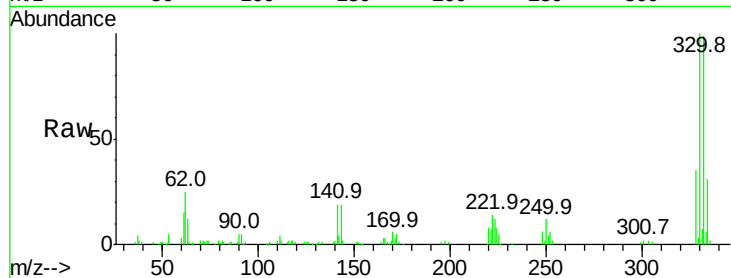
Tot Ion:330 Resp: 108483

Ion Ratio Lower Upper

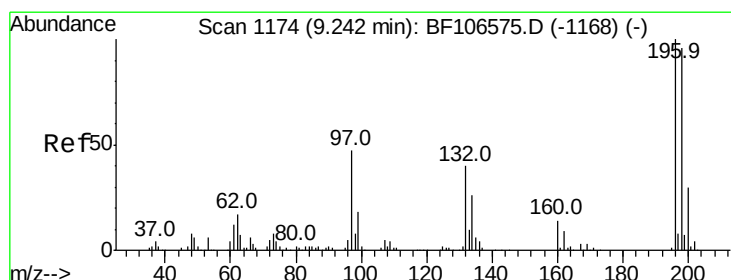
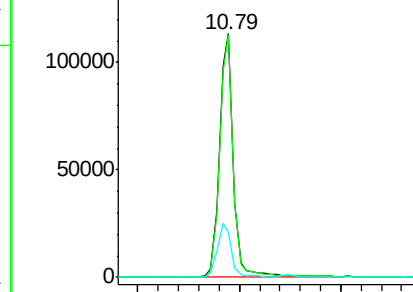
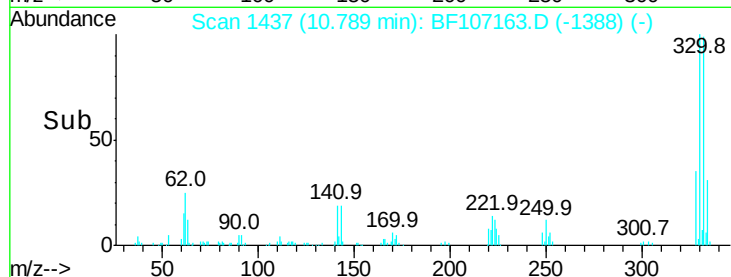
330 100

332 96.6 77.0 115.6

141 22.8 29.9 44.9#



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



#42

2,4,6-Trichlorophenol

Concen: 41.407 ng

RT: 9.23 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

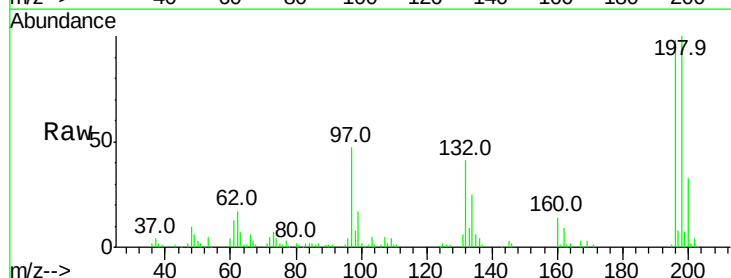
Tgt Ion:196 Resp: 107885

Ion Ratio Lower Upper

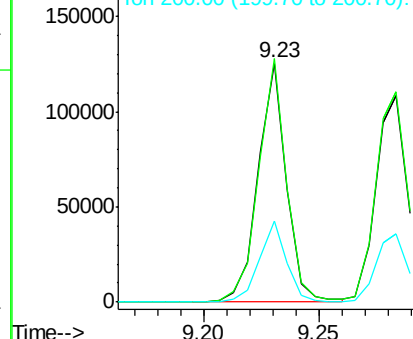
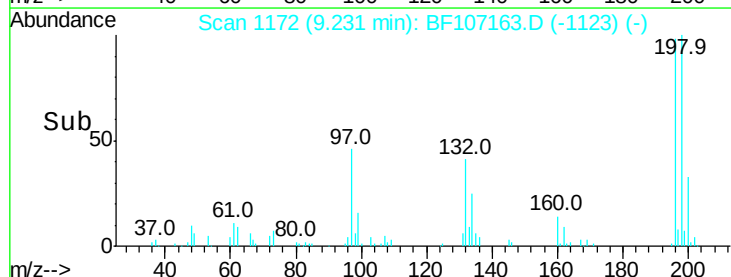
196 100

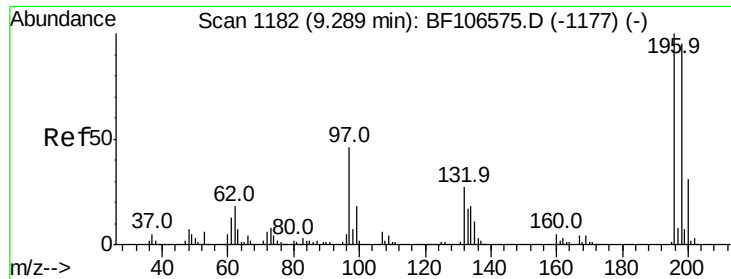
198 102.1 75.7 113.5

200 33.7 24.5 36.7



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

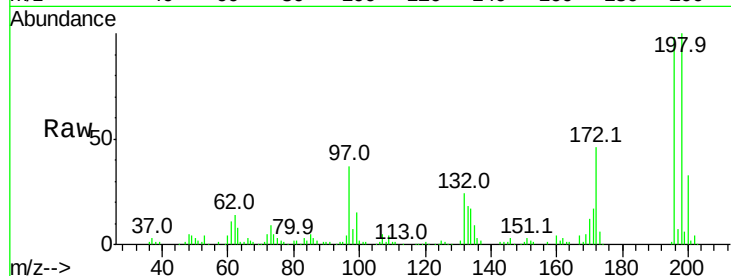




#43
 2,4,5-Trichlorophenol
 Concen: 39.723 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

Tot Ion:	196	Resp:	107995
Ion	Ratio	Lower	Upper
196	100		
198	101.7	74.6	112.0
97	38.0	42.9	64.3#
132	24.5	26.3	39.5#



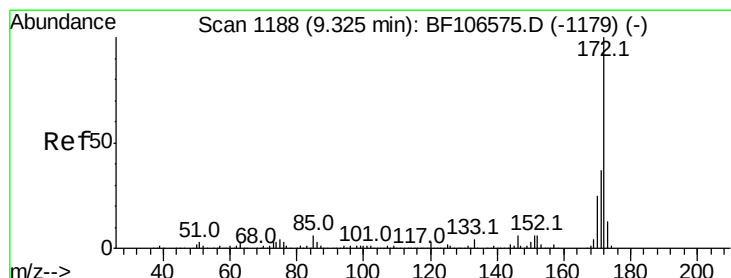
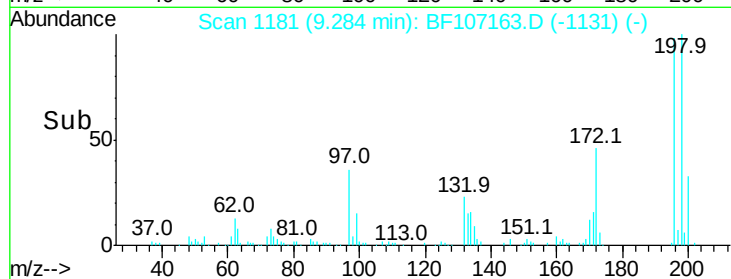
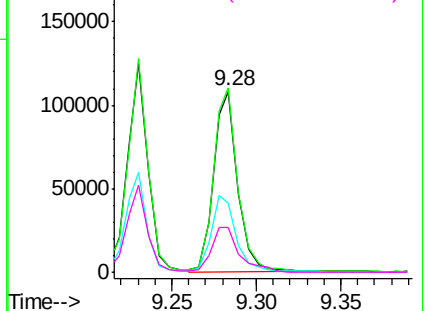
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

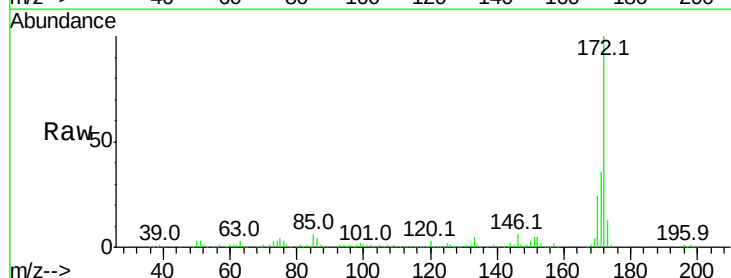
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.013 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:	172	Resp:	652755
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.1	19.6	29.4

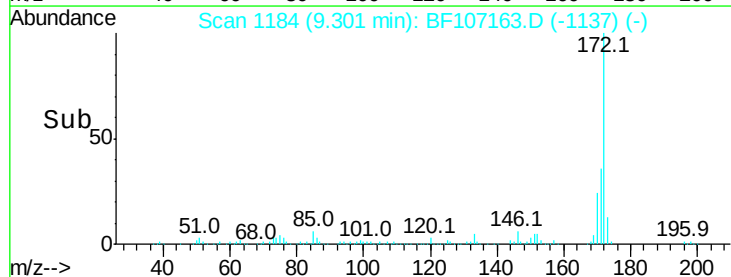
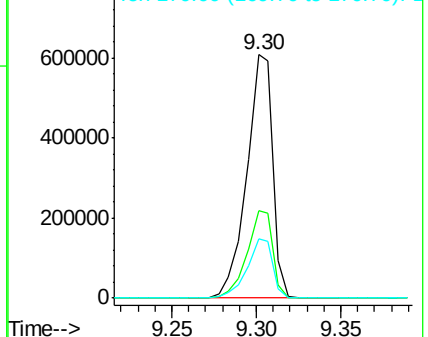


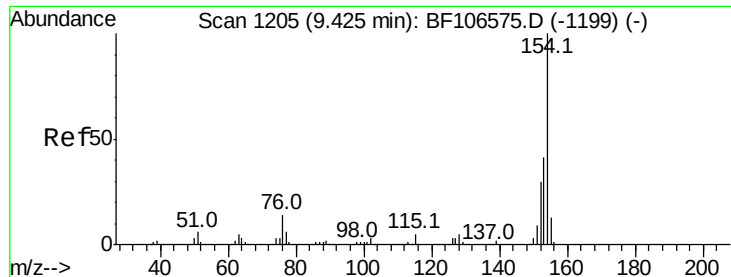
Abundance

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: 46.278 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

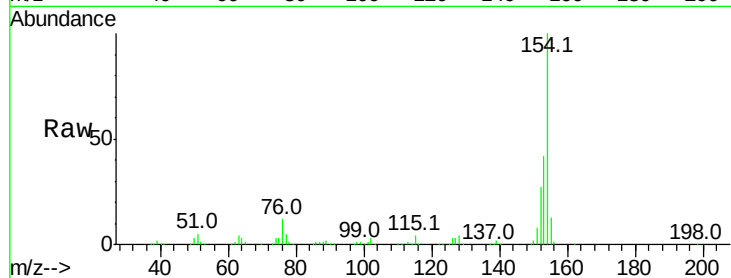
Tot Ion:154 Resp: 429265

Ion Ratio Lower Upper

154 100

153 41.5 21.3 61.3

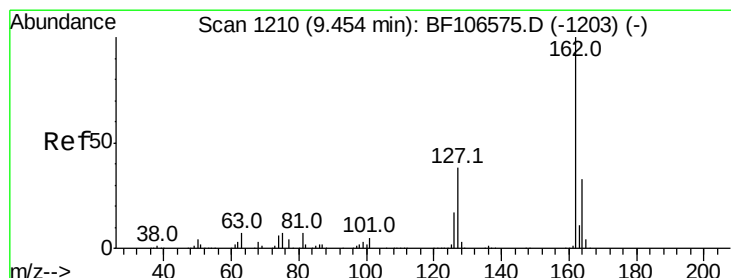
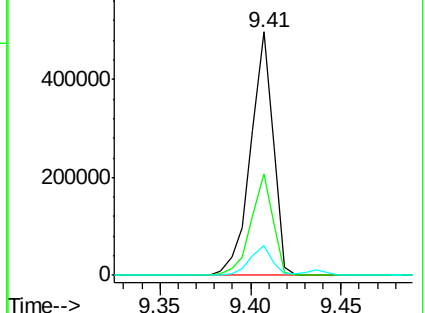
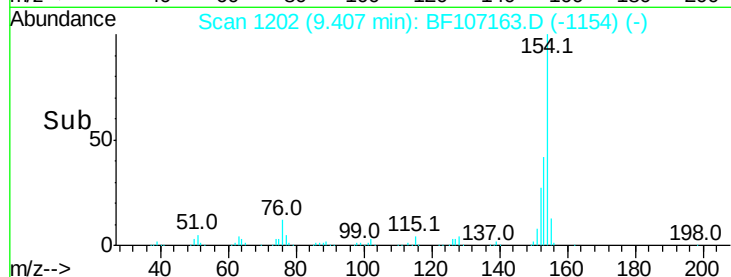
76 12.4 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.036 ng

RT: 9.44 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

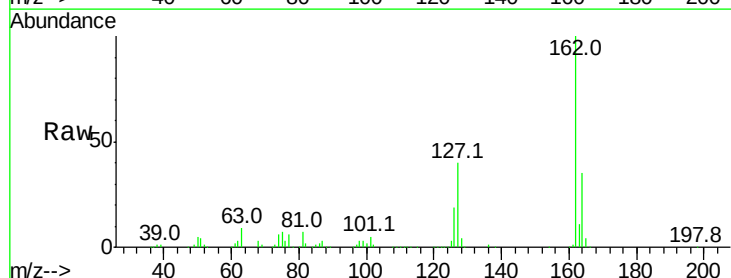
Tgt Ion:162 Resp: 314219

Ion Ratio Lower Upper

162 100

127 39.7 33.9 50.9

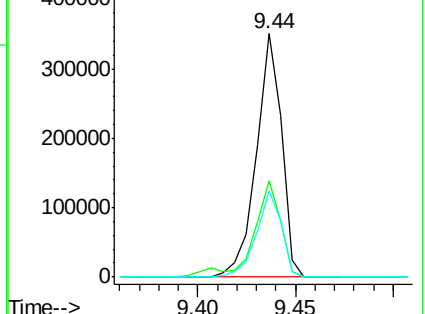
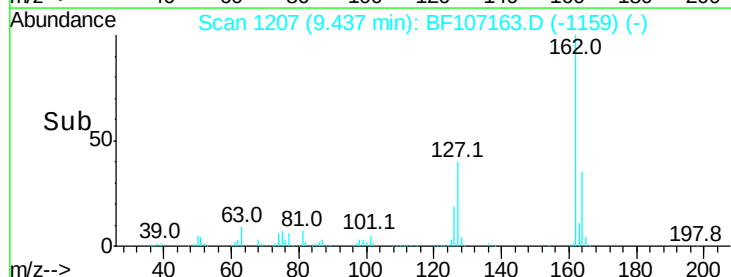
164 35.2 26.5 39.7

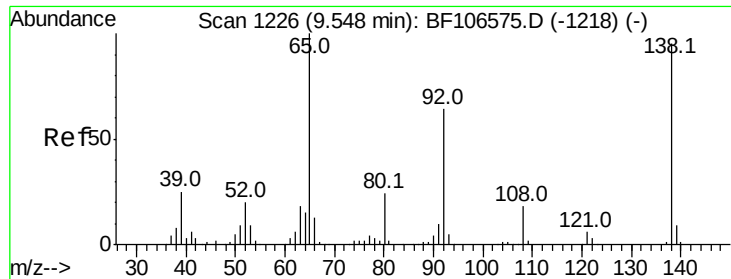


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

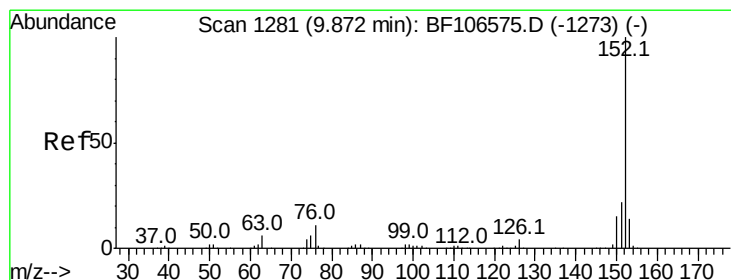
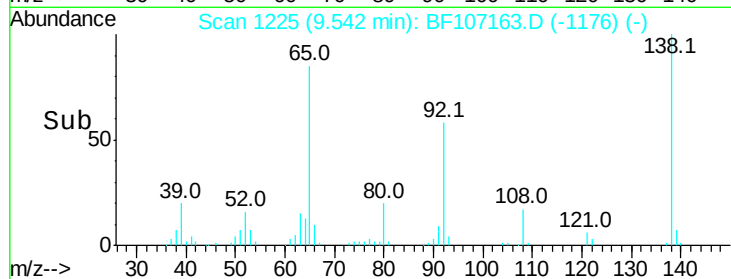
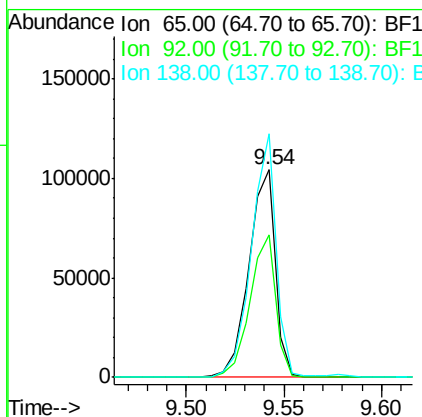
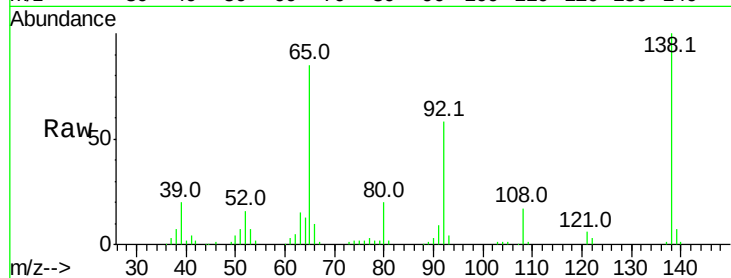




#47
2-Nitroaniline
Concen: 40.018 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

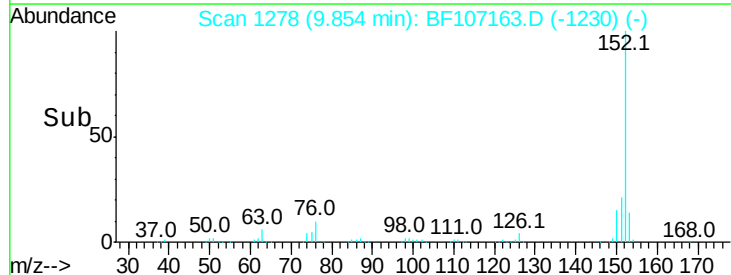
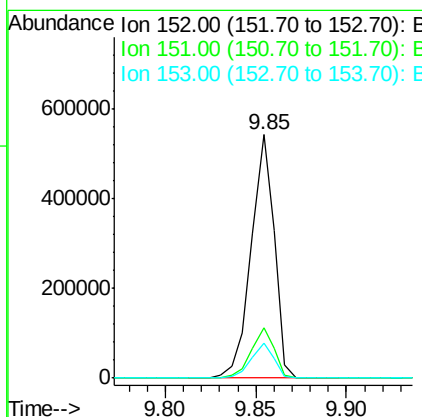
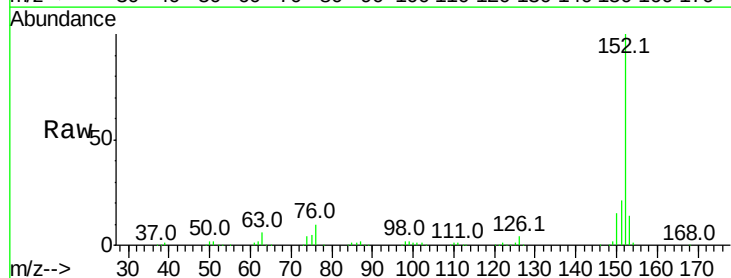
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

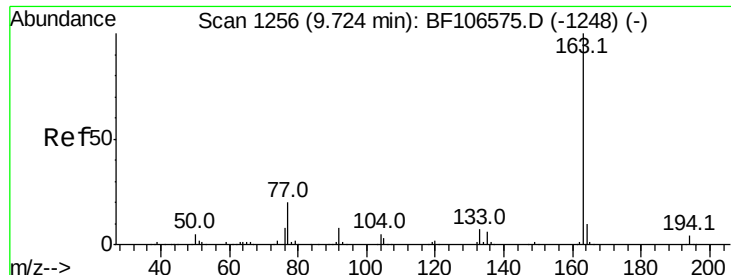
Tot Ion: 65 Resp: 98253
Ion Ratio Lower Upper
65 100
92 68.7 55.8 83.6
138 117.5 91.2 136.8



#48
Acenaphthylene
Concen: 41.807 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion: 152 Resp: 481927
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.1 10.7 16.1

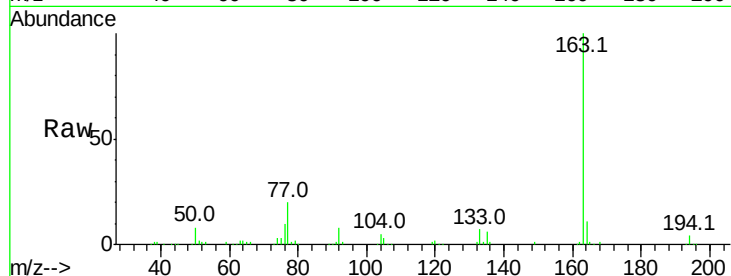




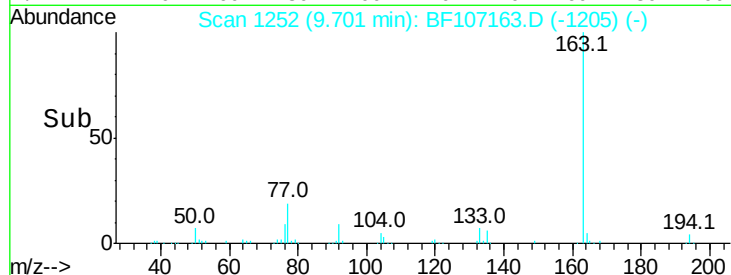
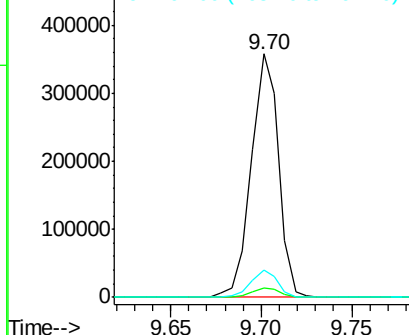
#49
Dimethylphthalate
Concen: 42.714 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion:163 Resp: 372871
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 11.0 8.2 12.2

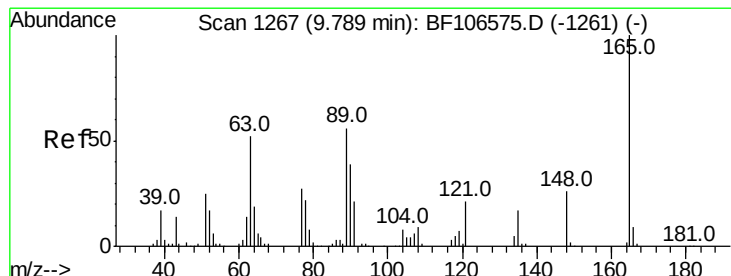


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

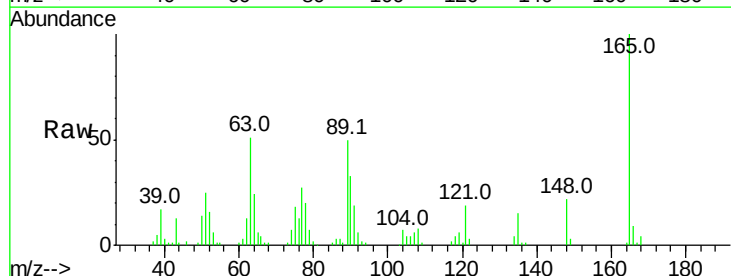
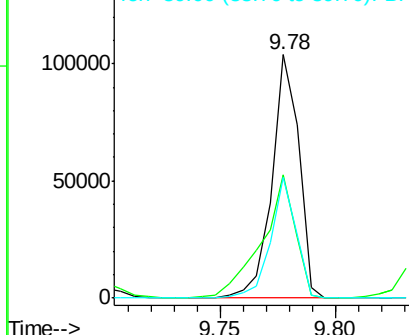


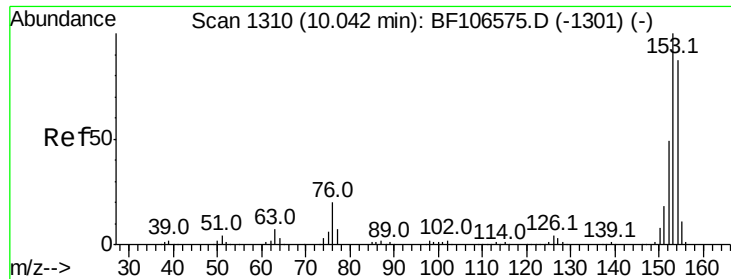
#50
2,6-Dinitrotoluene
Concen: 45.367 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:165 Resp: 83860
Ion Ratio Lower Upper
165 100
63 50.7 44.7 67.1
89 49.6 44.0 66.0



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





#51

Acenaphthene

Concen: 39.939 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

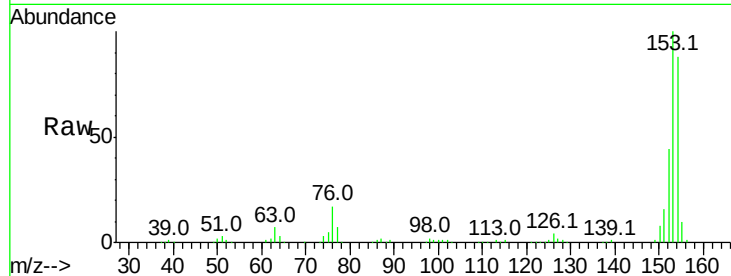
Tot Ion:154 Resp: 289911

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.2	136.8
152	50.3	43.8	65.8

154 100

153 113.6 91.2 136.8

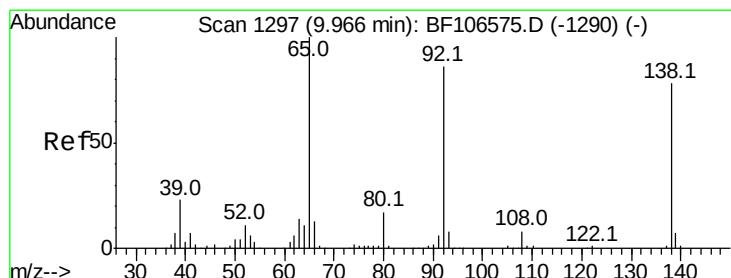
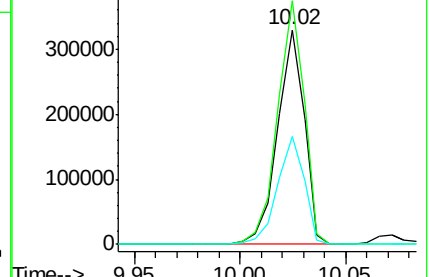
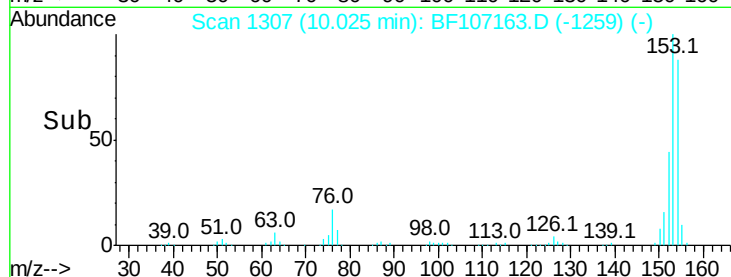
152 50.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.329 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

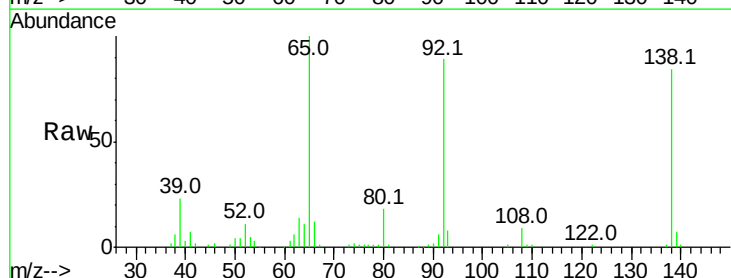
Tgt Ion:138 Resp: 53878

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.4	14.0
92	105.5	89.4	134.2

138 100

108 10.8 9.4 14.0

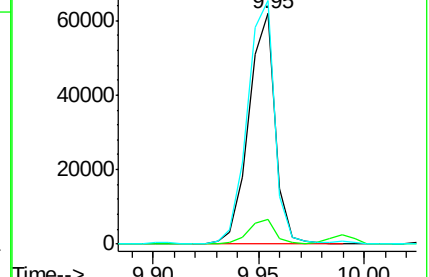
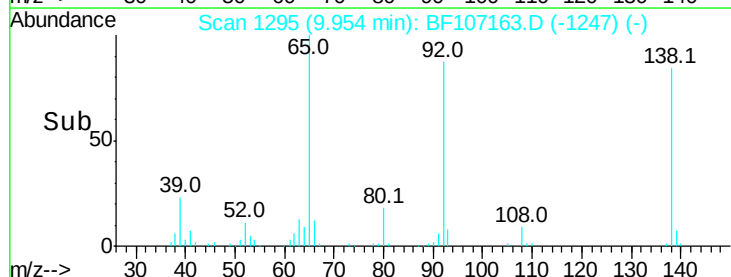
92 105.5 89.4 134.2

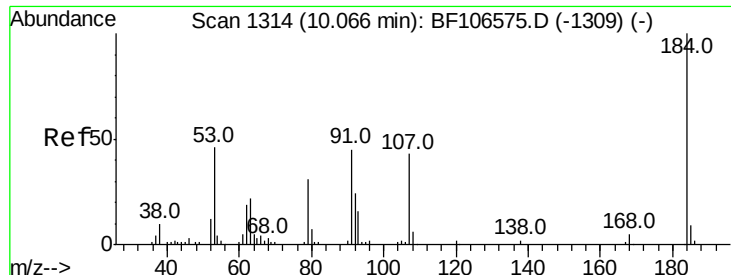


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

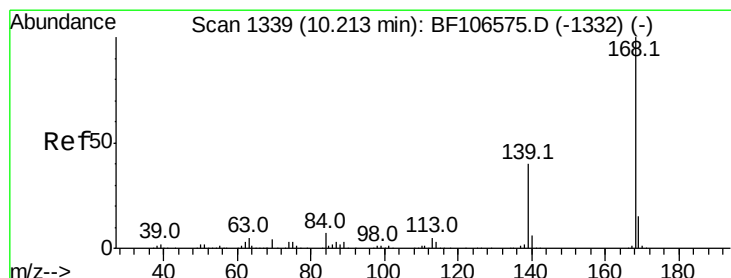
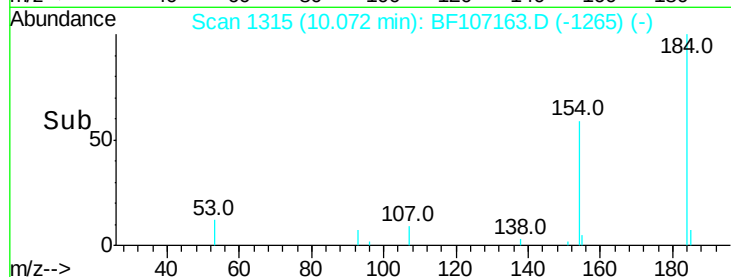
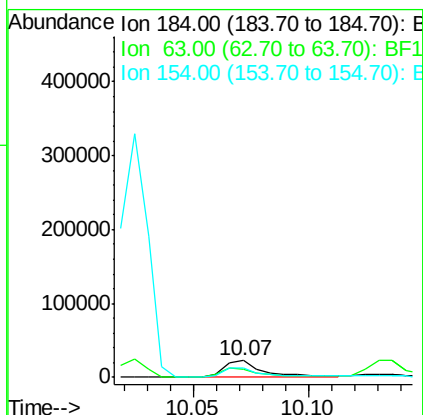
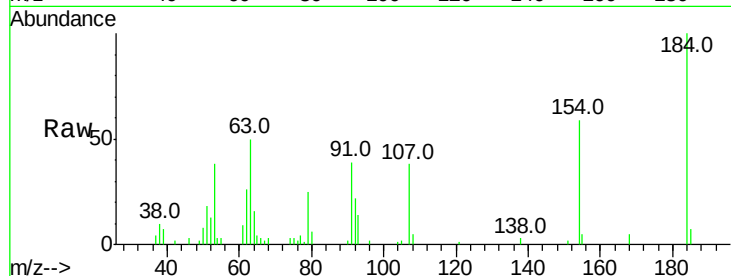




#53
 2,4-Dinitrophenol
 Concen: 33.110 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

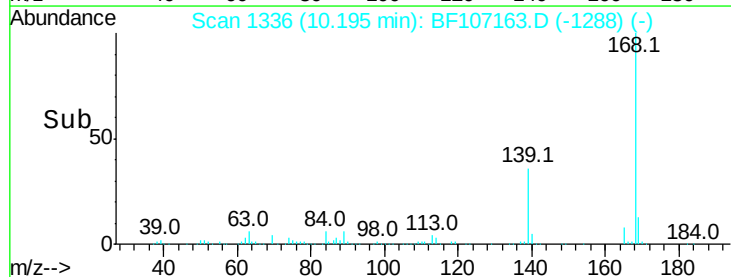
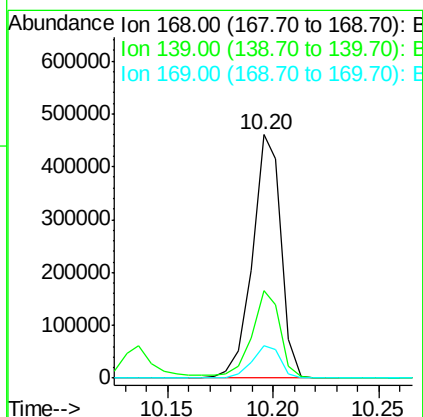
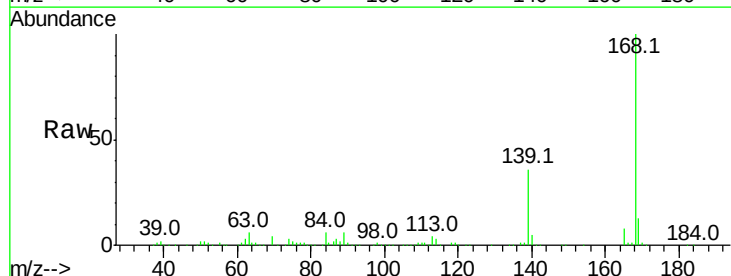
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

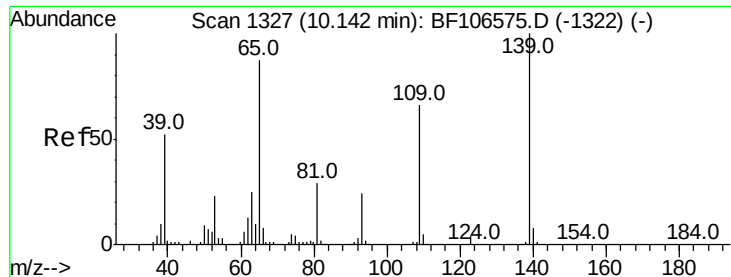
Tot Ion:184 Resp: 28590
 Ion Ratio Lower Upper
 184 100
 63 49.7 54.2 81.2#
 154 59.5 184.0 276.0#



#54
 Dibenzofuran
 Concen: 43.493 ng
 RT: 10.20 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:168 Resp: 432310
 Ion Ratio Lower Upper
 168 100
 139 35.7 30.1 45.1
 169 13.3 10.9 16.3

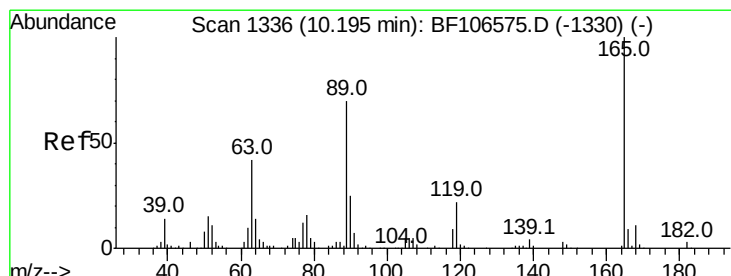
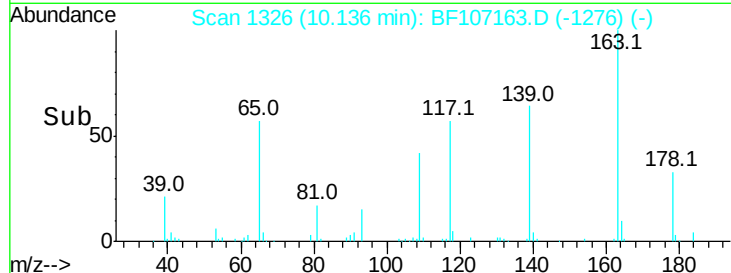
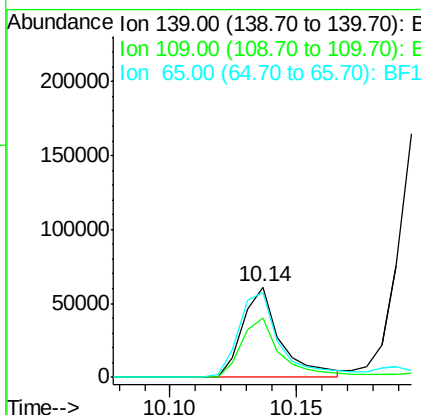
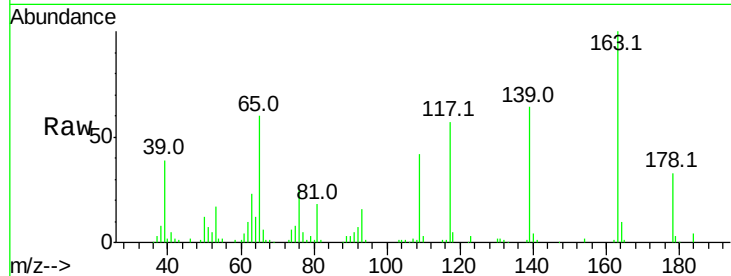




#55
4-Nitrophenol
Concen: 42.998 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

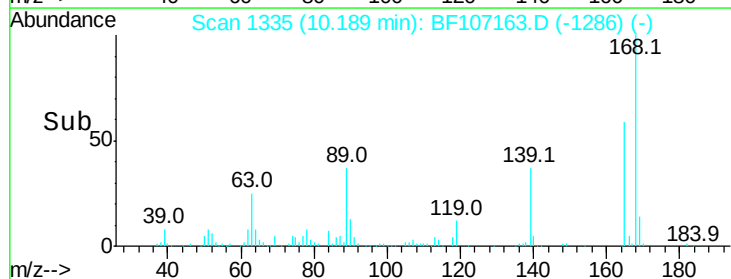
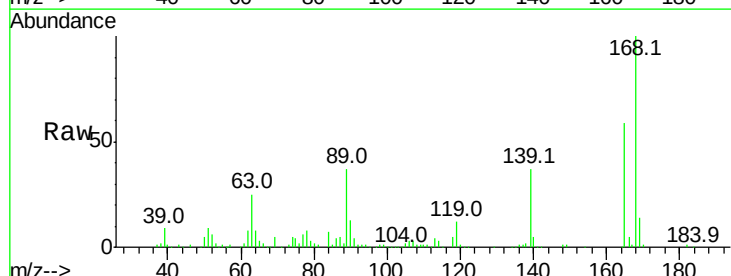
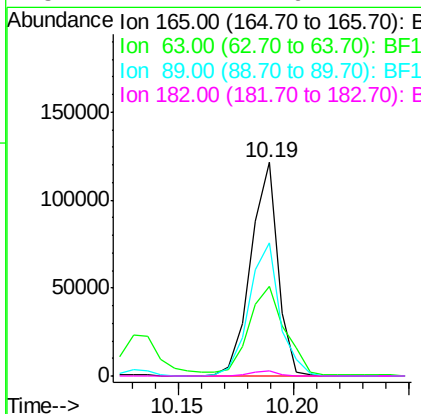
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

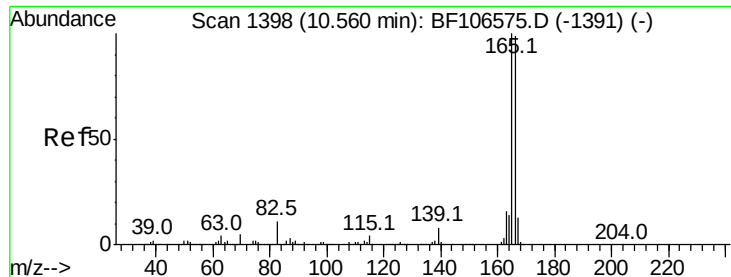
Tot Ion:139 Resp: 63841
Ion Ratio Lower Upper
139 100
109 66.0 48.4 88.4
65 93.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.505 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:165 Resp: 100143
Ion Ratio Lower Upper
165 100
63 41.7 36.4 54.6
89 62.1 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 42.500 ng

RT: 10.54 min Scan# 1395

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

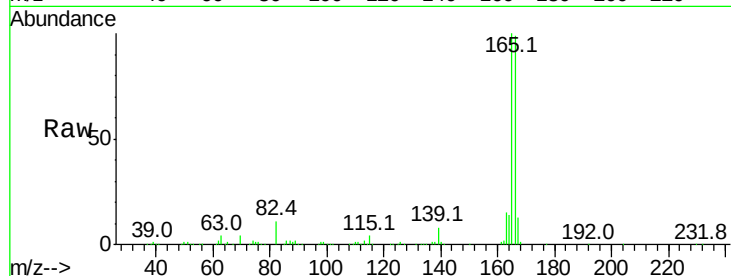
Tot Ion:166 Resp: 335216

Ion Ratio Lower Upper

166 100

165 101.2 79.8 119.8

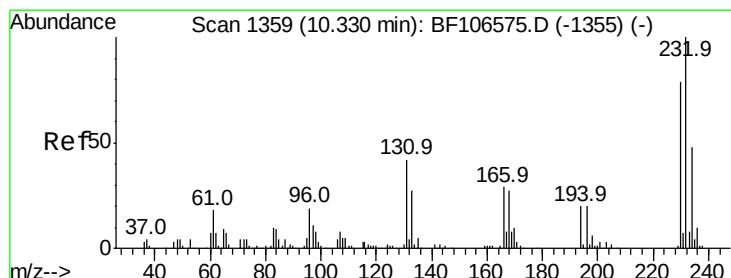
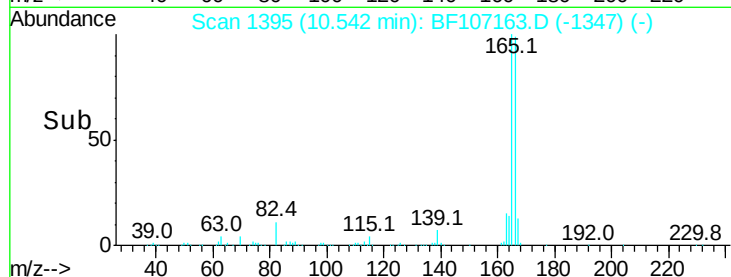
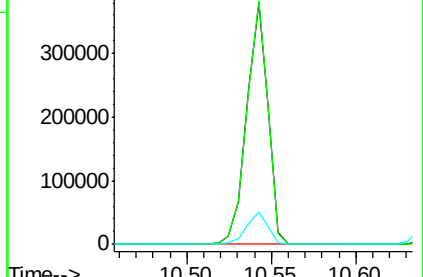
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.766 ng

RT: 10.32 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Tgt Ion:232 Resp: 83778

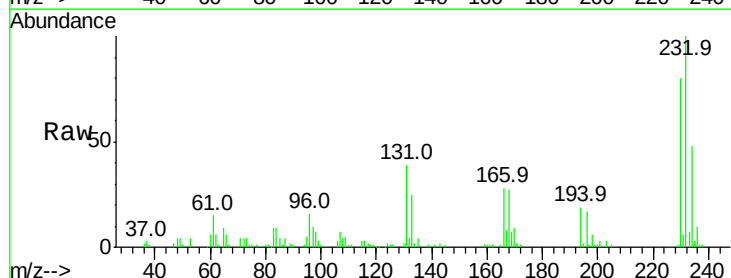
Ion Ratio Lower Upper

232 100

131 35.5 43.8 65.8#

130 1.5 2.1 3.1#

166 26.4 27.8 41.6#

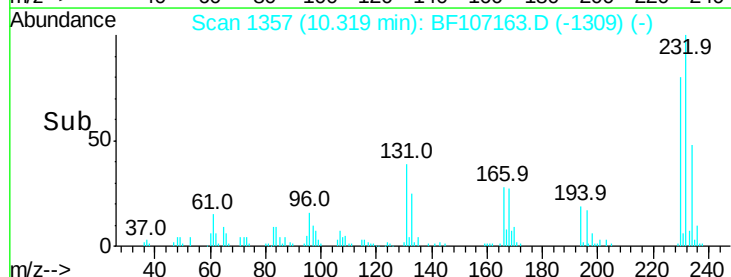
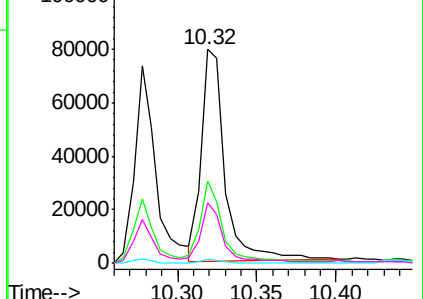


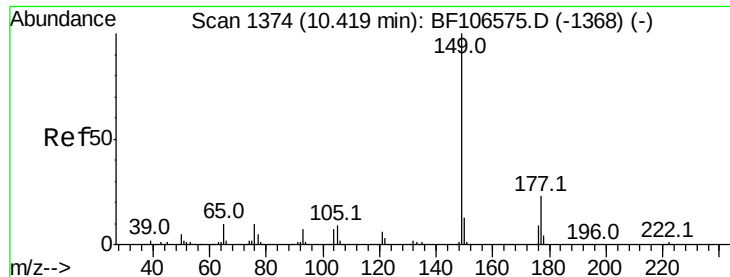
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

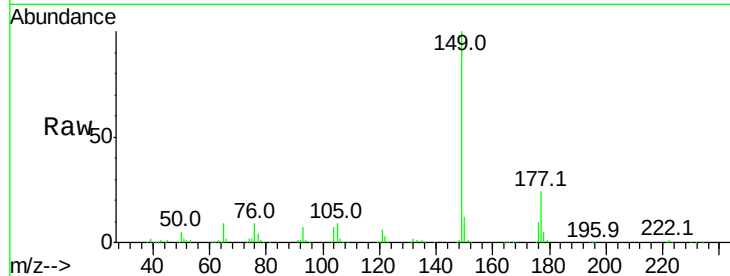




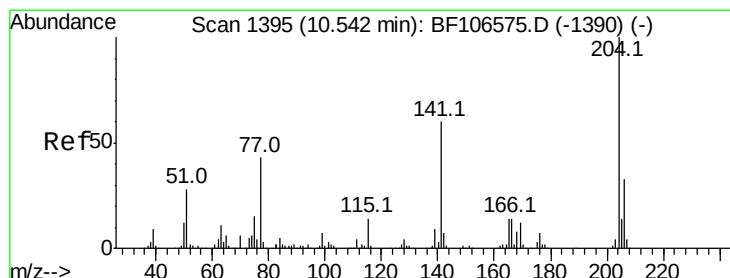
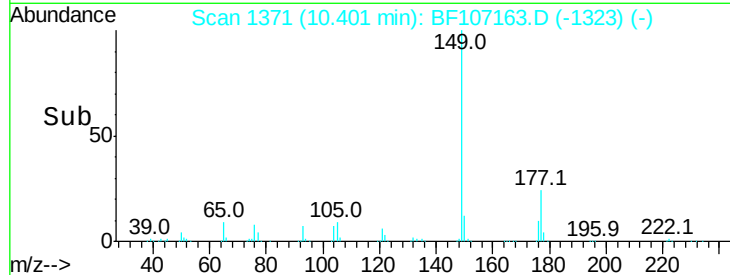
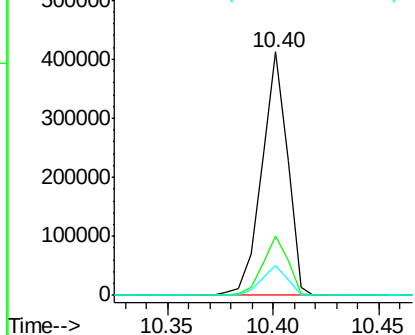
#59
Diethylphthalate
Concen: 41.477 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Instrument :
BNA_F
ClientSampleId :
PB110854BSD

Tot Ion:149 Resp: 349458
Ion Ratio Lower Upper
149 100
177 24.4 16.1 24.1#
150 12.4 10.1 15.1

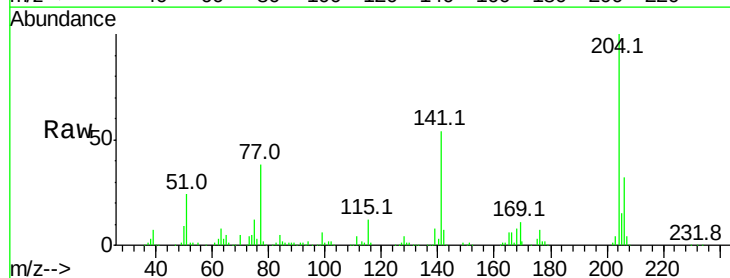


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

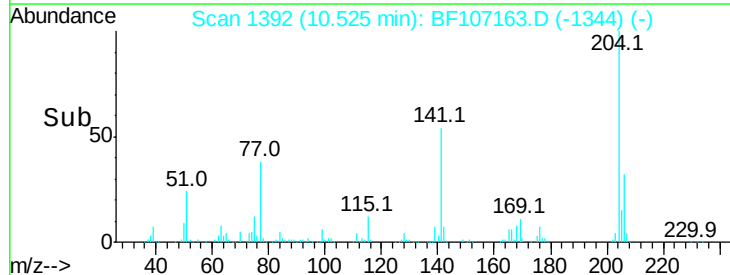
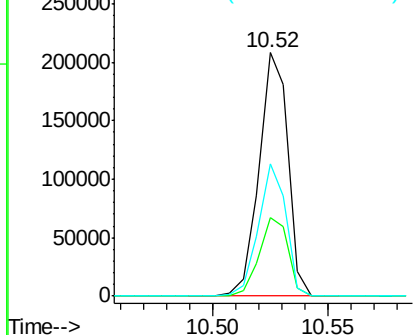


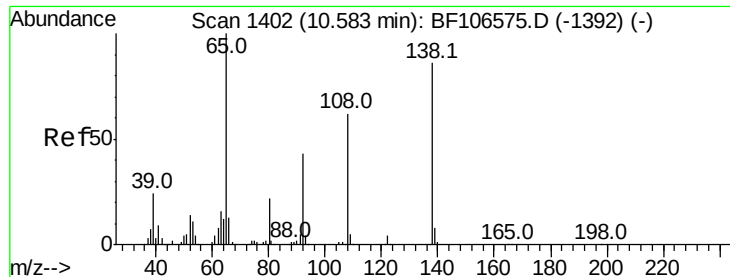
#60
4-Chlorophenyl-phenylether
Concen: 43.935 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:204 Resp: 181317
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 54.5 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

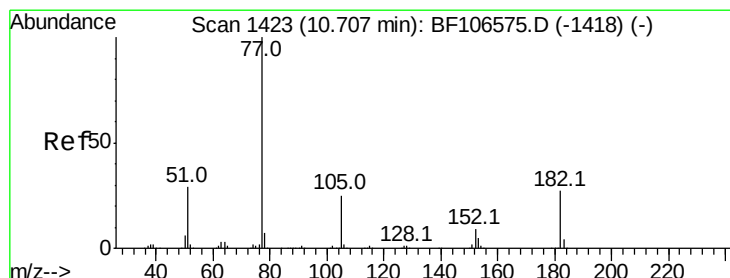
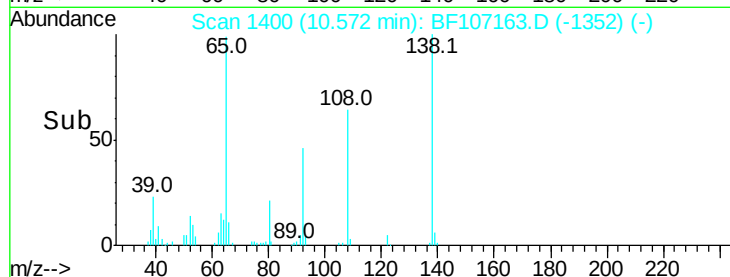
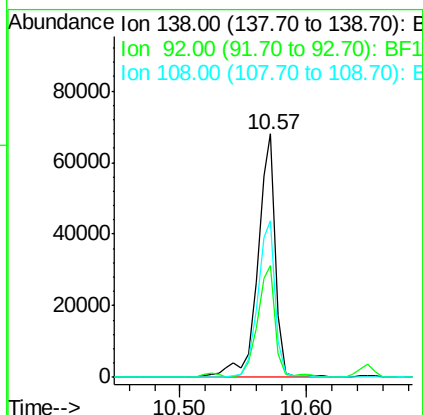
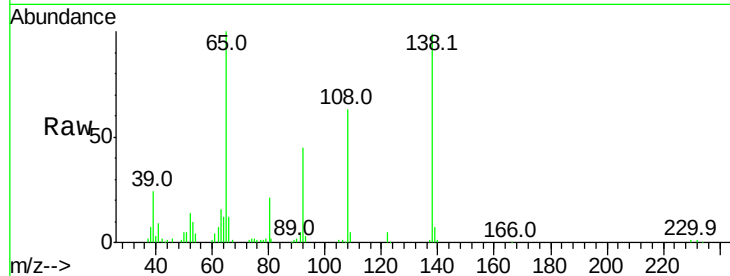




#61
4-Nitroaniline
Concen: 31.724 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

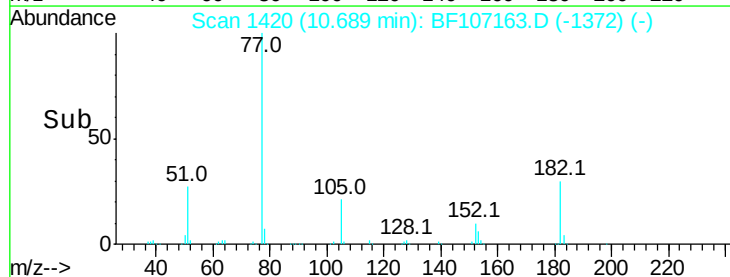
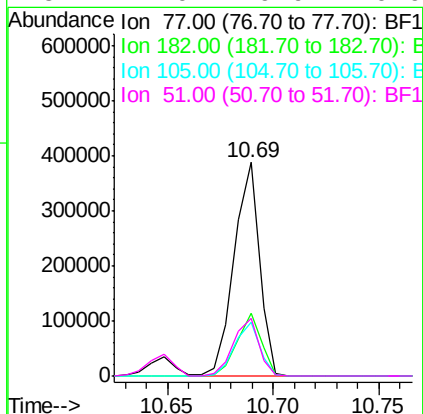
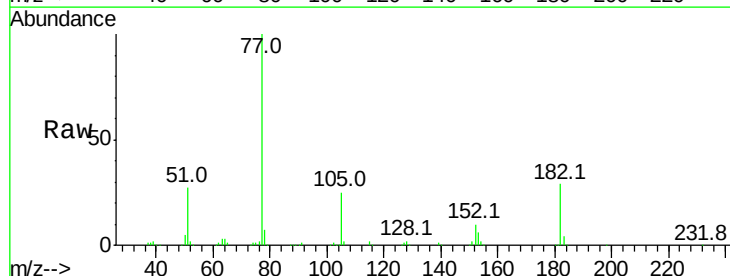
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

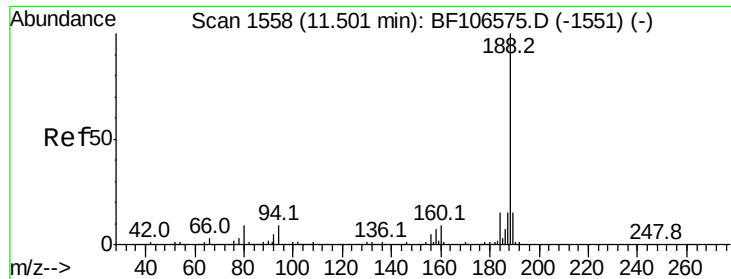
Tot Ion:138 Resp: 66970
Ion Ratio Lower Upper
138 100
92 45.7 30.2 70.2
108 64.3 52.5 92.5



#62
Azobenzene
Concen: 38.753 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion: 77 Resp: 321525
Ion Ratio Lower Upper
77 100
182 29.3 1.7 41.7
105 25.0 3.0 43.0
51 27.0 9.9 49.9

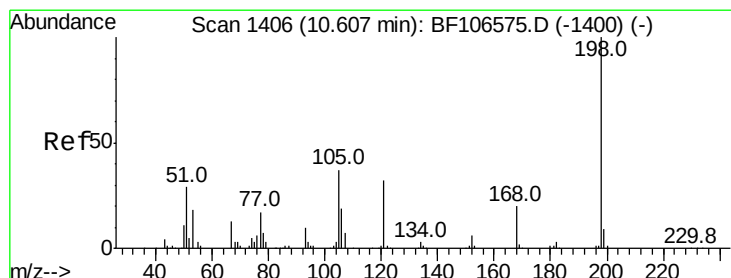
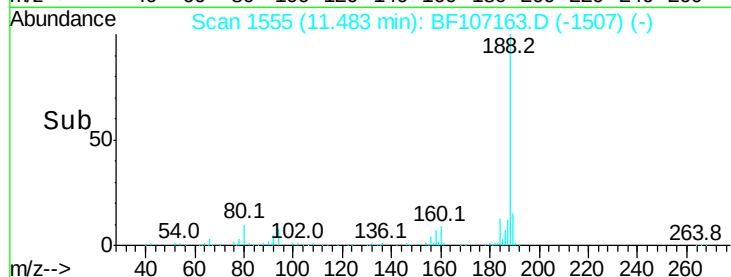
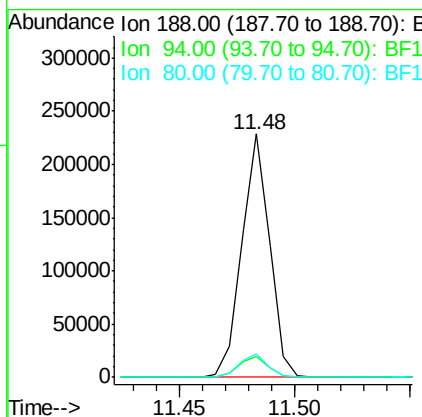
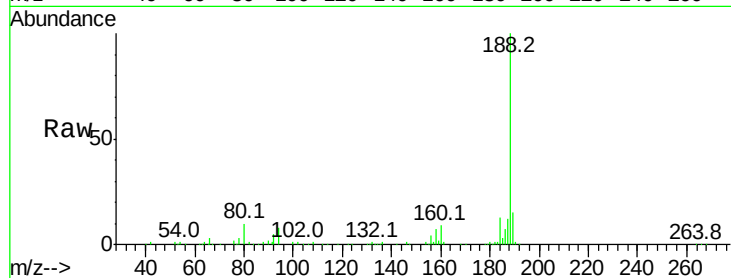




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

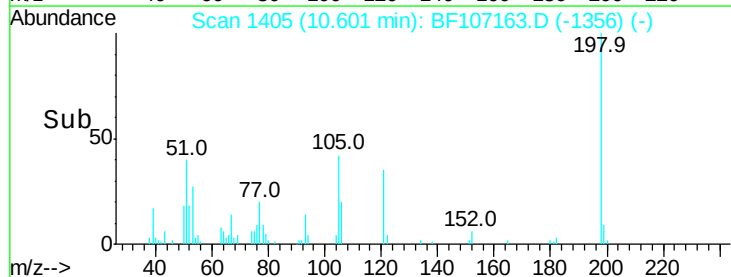
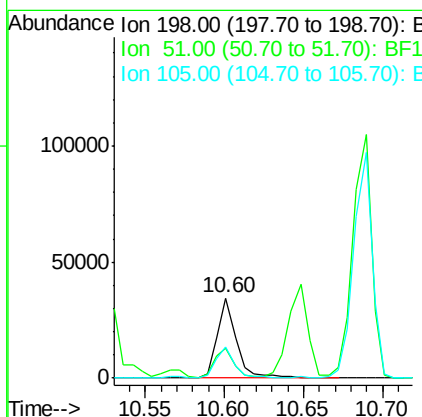
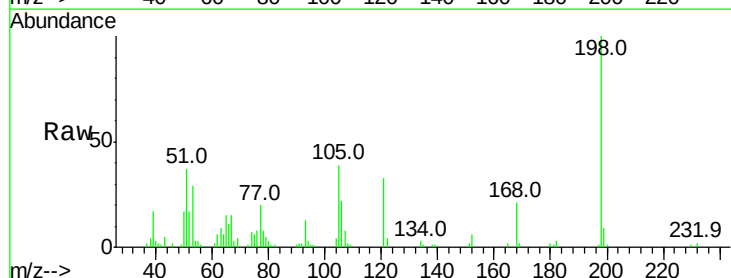
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

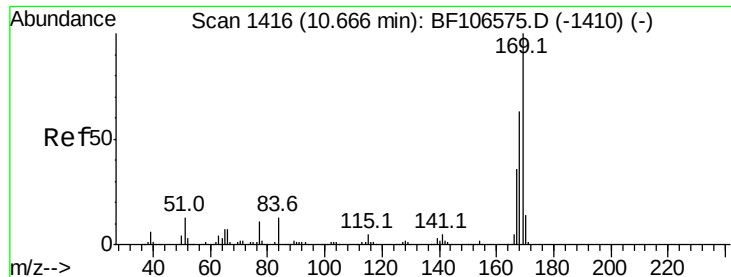
Tot Ion:188 Resp: 191797
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.814 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:198 Resp: 29419
Ion Ratio Lower Upper
198 100
51 37.2 37.7 77.7#
105 39.4 36.3 76.3

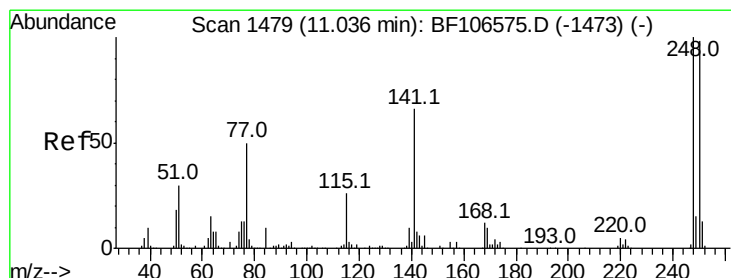
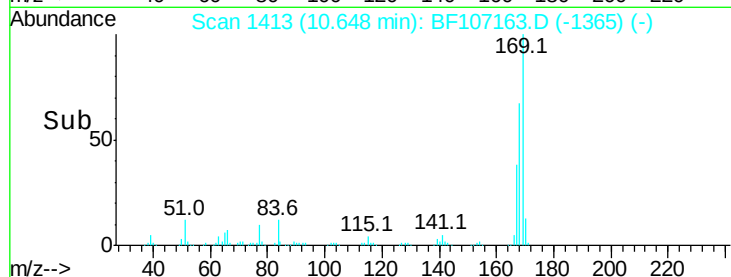
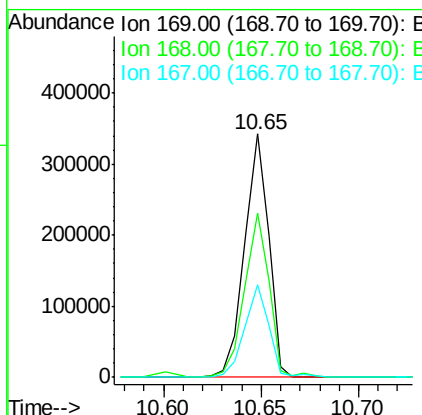
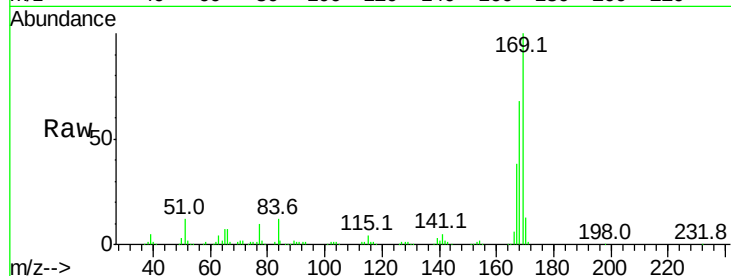




#65
 n-Nitrosodiphenylamine
 Concen: 45.762 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

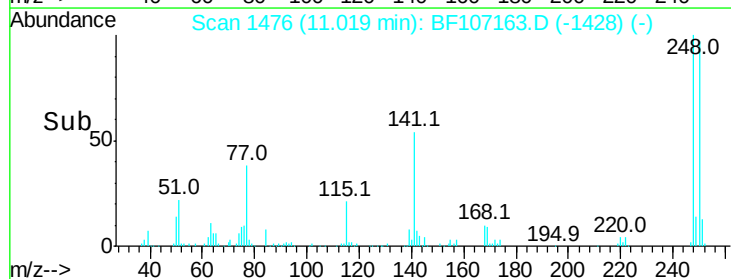
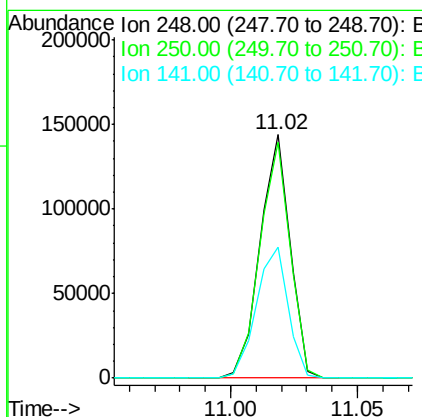
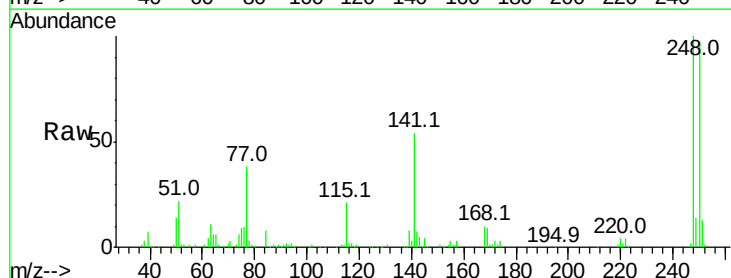
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

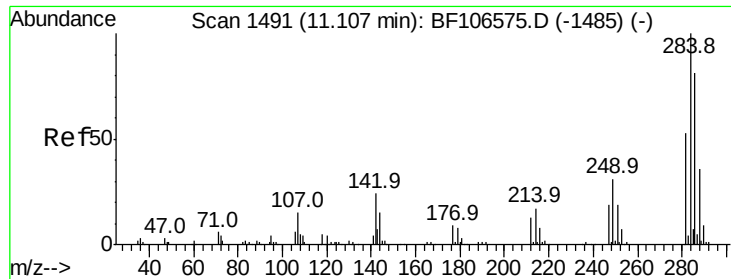
Tot Ion:169 Resp: 295216
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.4 81.6
 167 38.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 52.462 ng
 RT: 11.02 min Scan# 1476
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:248 Resp: 120084
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 53.8 74.4 111.6#





#67

Hexachlorobenzene

Concen: 49.846 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

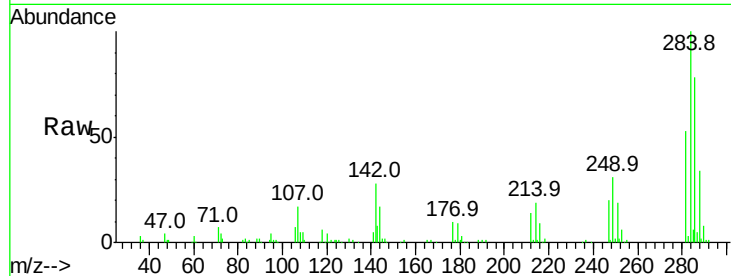
Tot Ion:284 Resp: 119419

Ion Ratio Lower Upper

284 100

142 27.7 34.6 52.0#

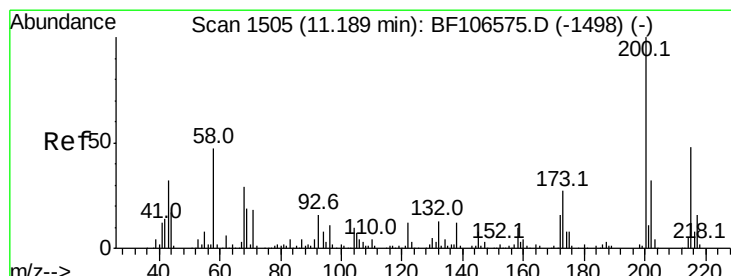
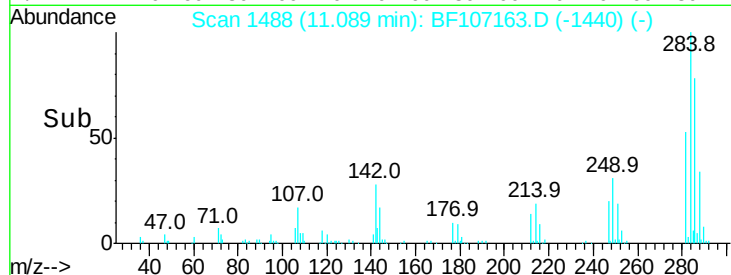
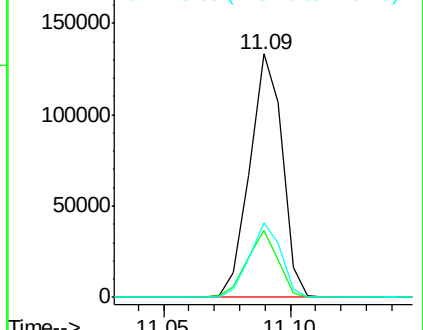
249 30.8 24.8 37.2



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: 50.652 ng

RT: 11.17 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

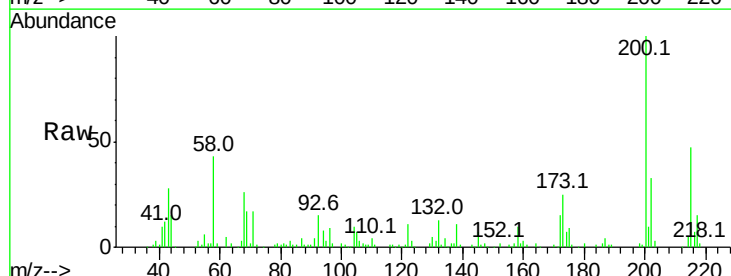
Tgt Ion:200 Resp: 103879

Ion Ratio Lower Upper

200 100

173 24.9 8.6 48.6

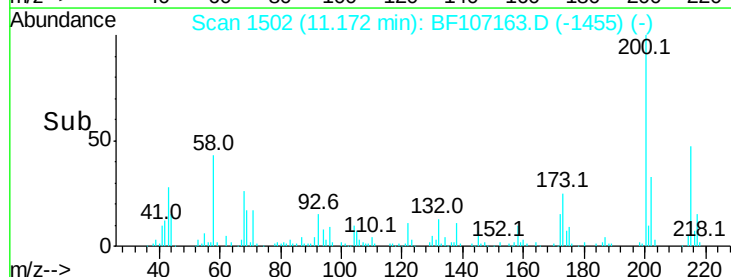
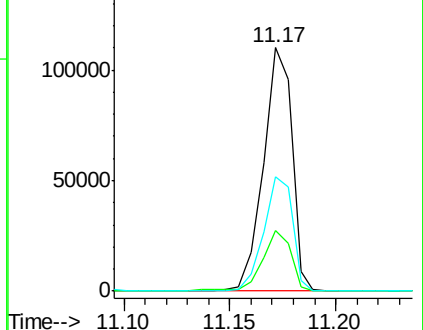
215 47.1 25.1 65.1

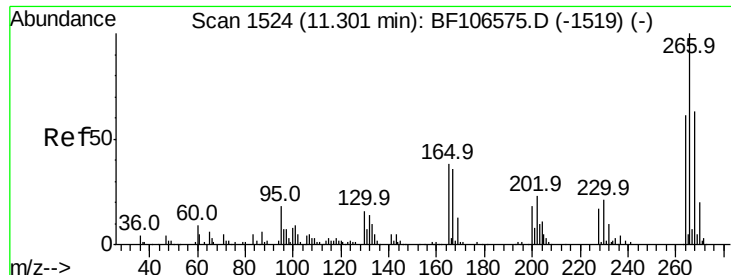


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

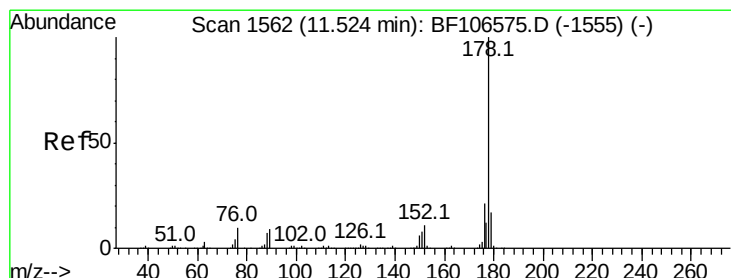
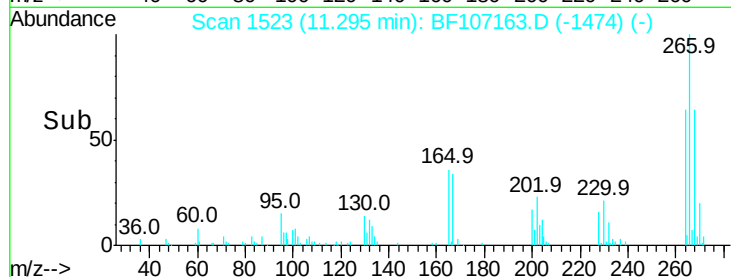
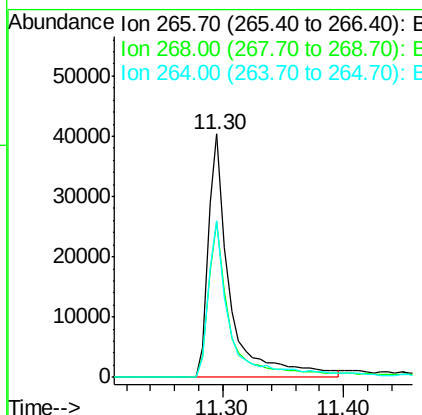
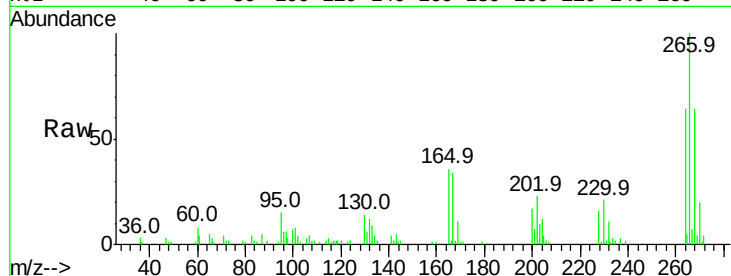




#69
 Pentachlorophenol
 Concen: 41.823 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

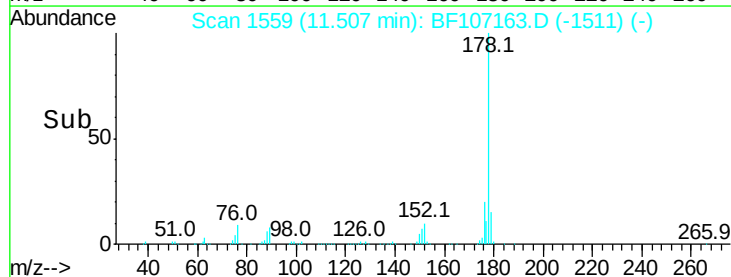
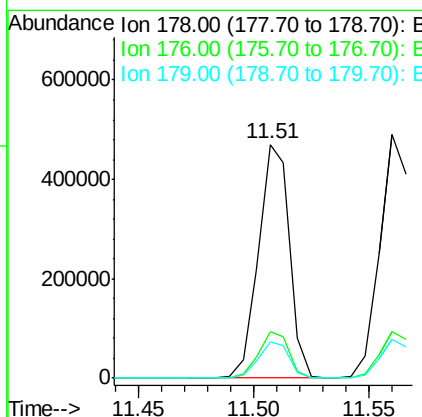
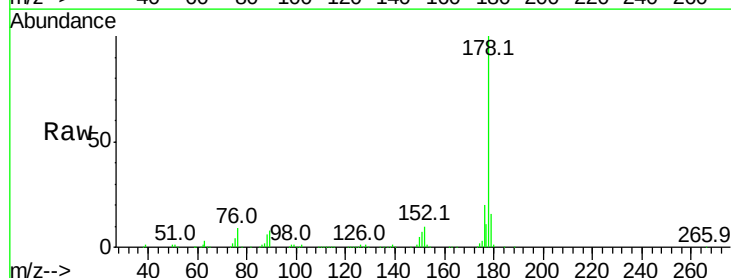
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

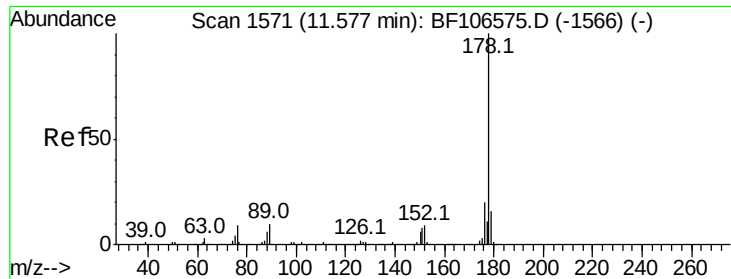
Tot Ion:266 Resp: 49995
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 47.623 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:178 Resp: 440550
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.7 13.0 19.6

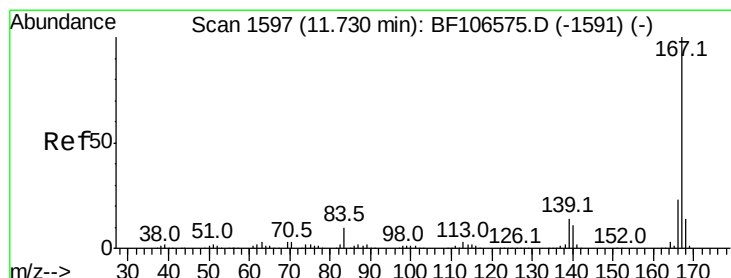
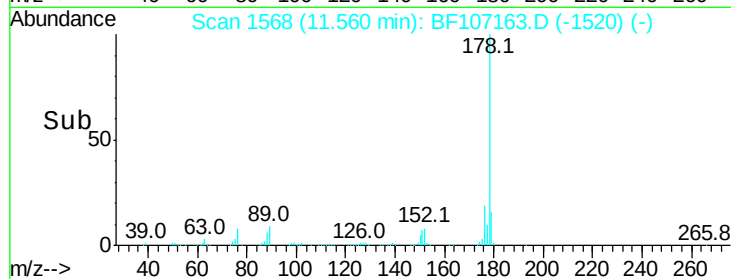
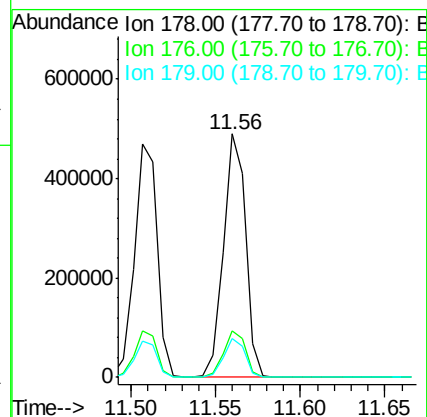
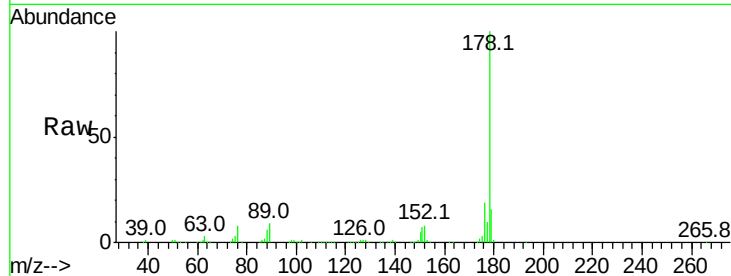




#71
 Anthracene
 Concen: 47.680 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

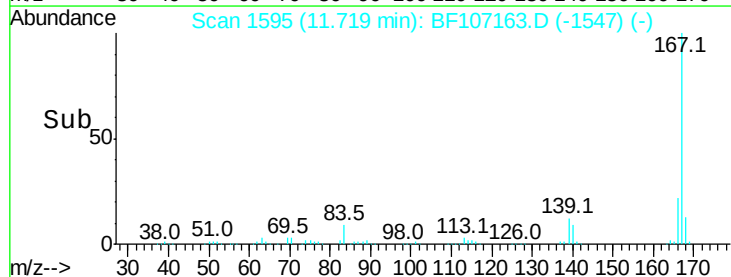
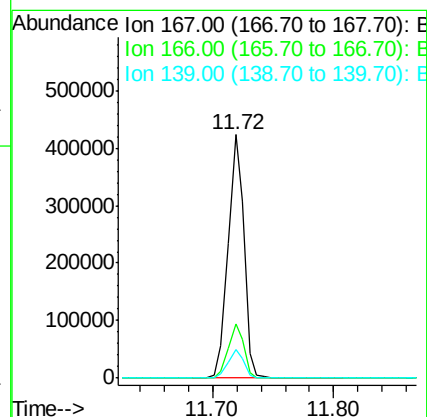
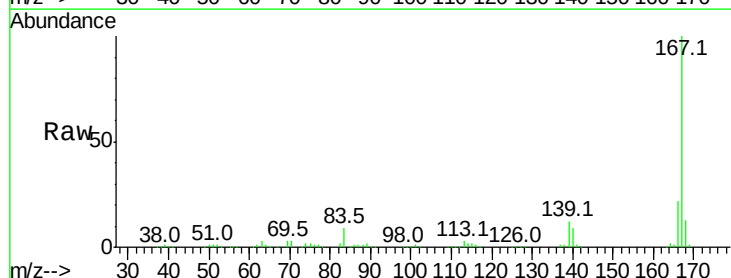
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

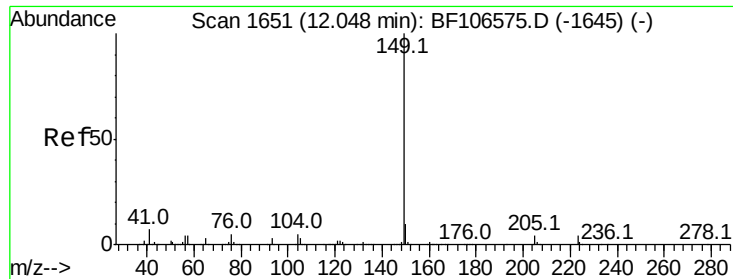
Tot Ion:178 Resp: 450210
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 43.329 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:167 Resp: 383039
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 11.8 10.9 16.3

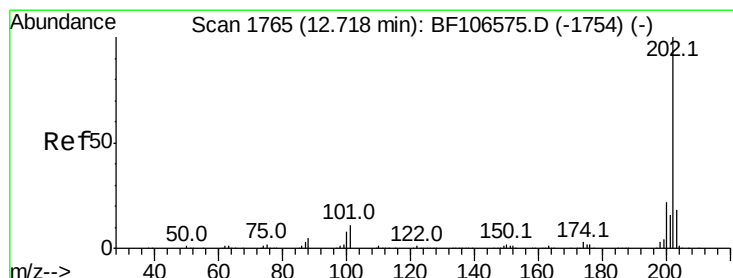
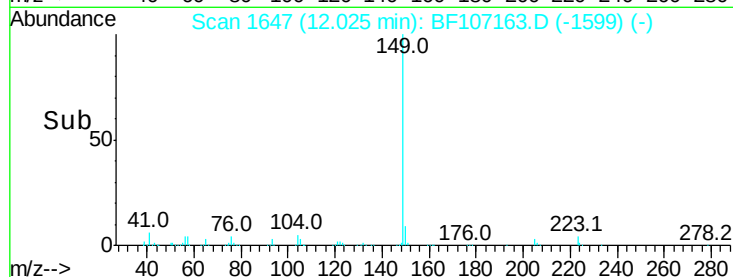
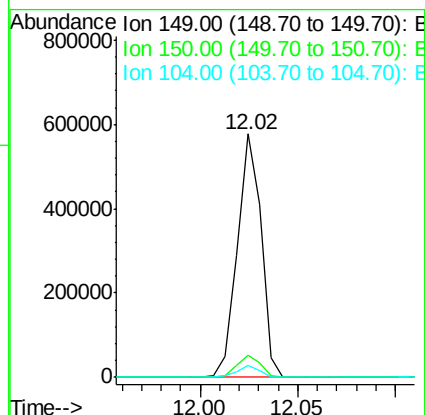
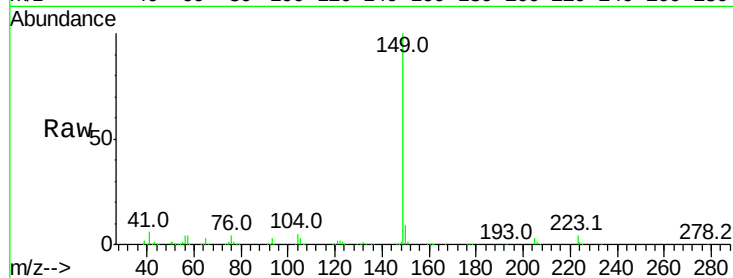




#73
Di-n-butylphthalate
Concen: 46.800 ng
RT: 12.02 min Scan# 1647
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

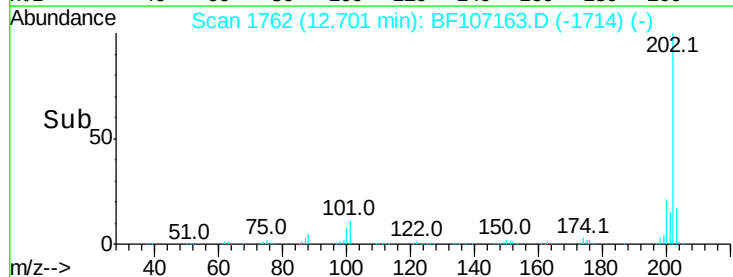
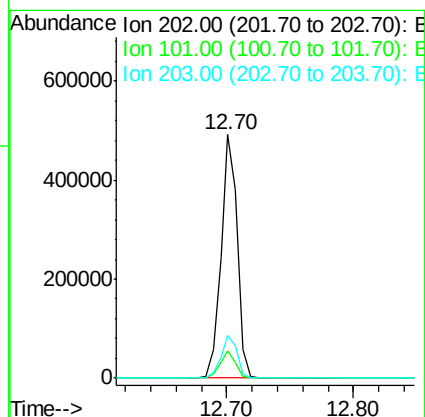
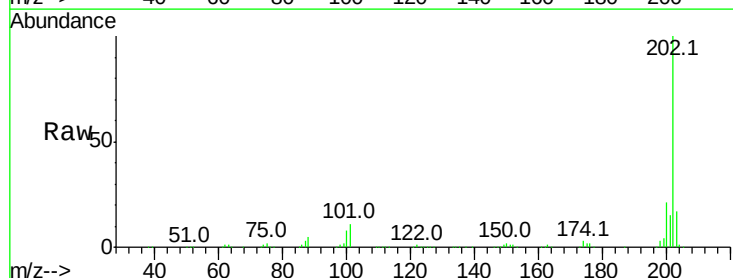
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

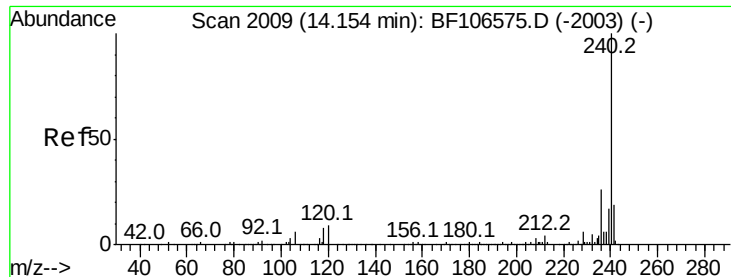
Tot Ion:149 Resp: 487410
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 43.042 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:202 Resp: 438868
Ion Ratio Lower Upper
202 100
101 11.0 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

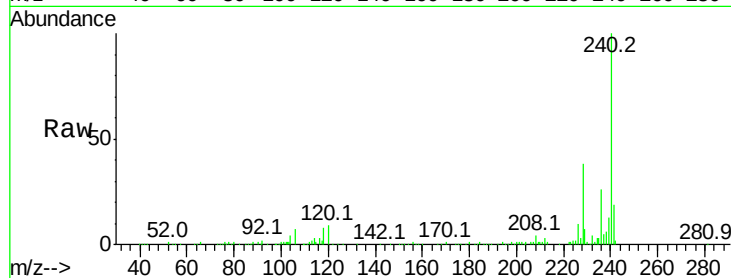
Tot Ion:240 Resp: 158410

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

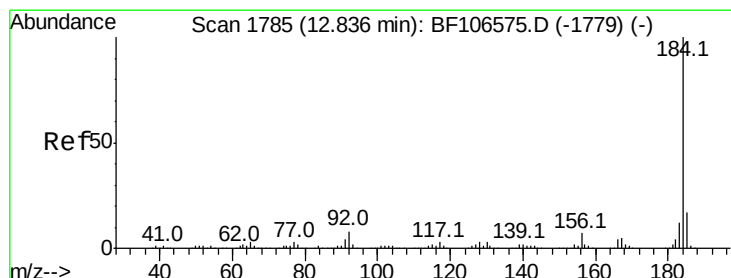
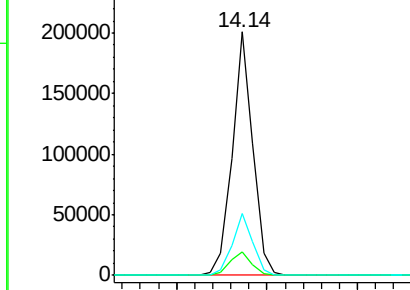
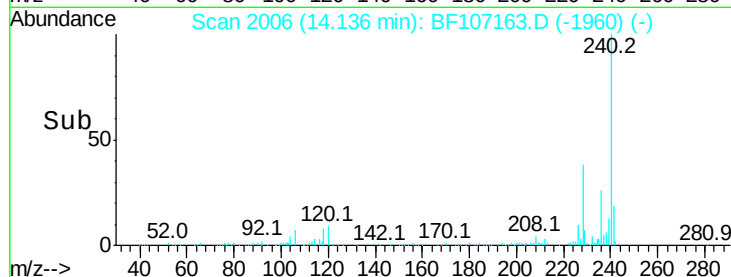
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.360 ng

RT: 12.82 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

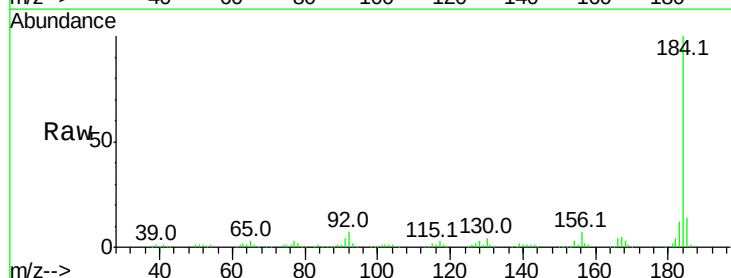
Tgt Ion:184 Resp: 254265

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

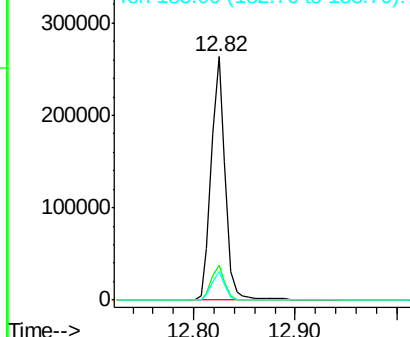
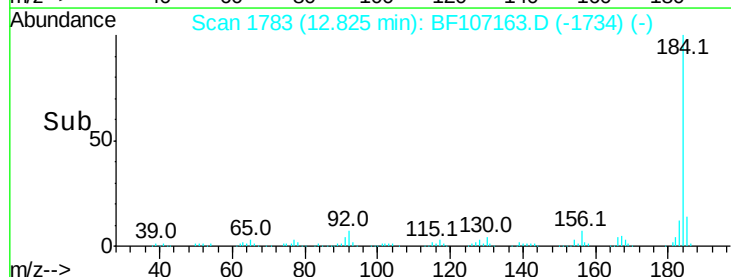
183 11.7 9.3 13.9

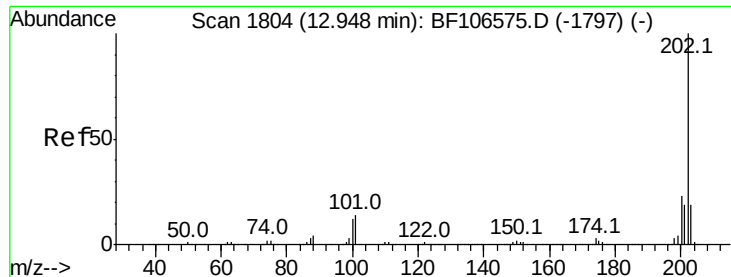


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

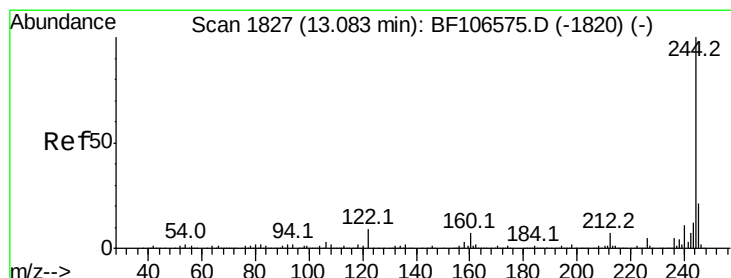
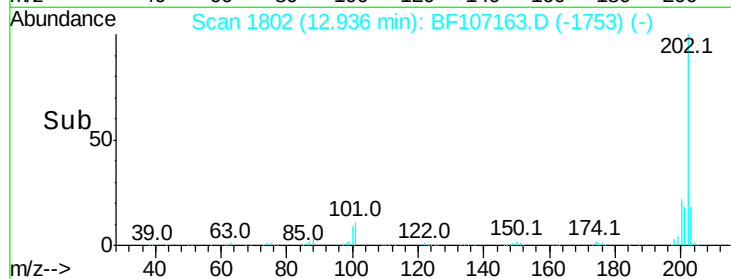
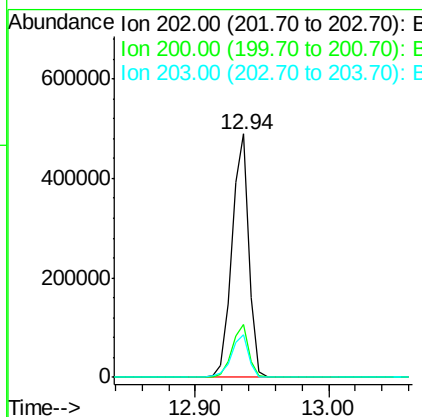
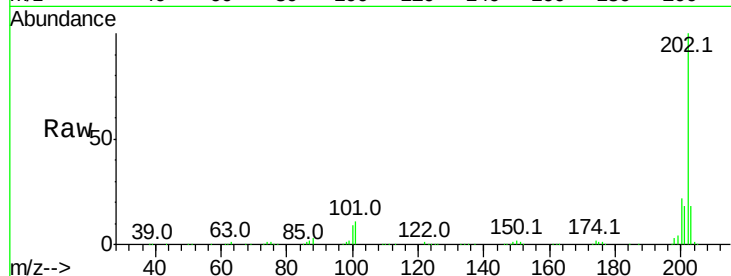




#77
Pvrene
Concen: 41.769 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

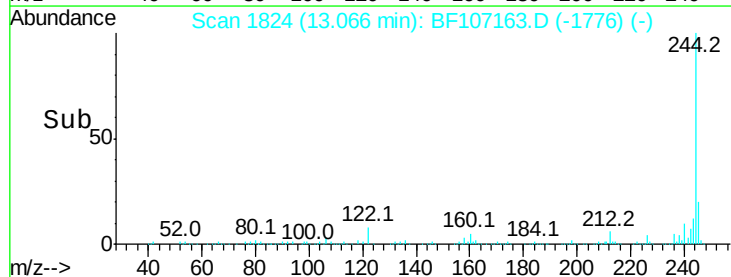
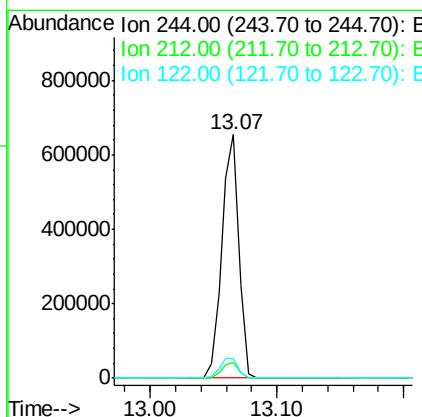
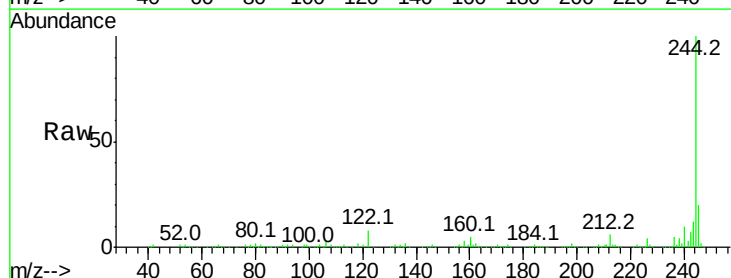
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

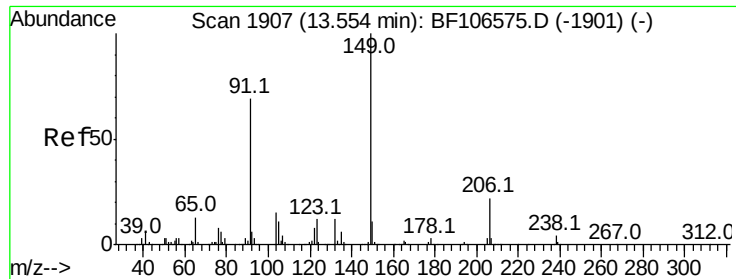
Tot Ion:202 Resp: 436316
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 93.357 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:244 Resp: 610525
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 8.3 11.0 16.4#

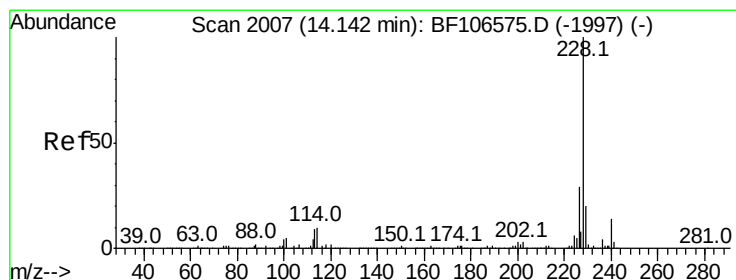
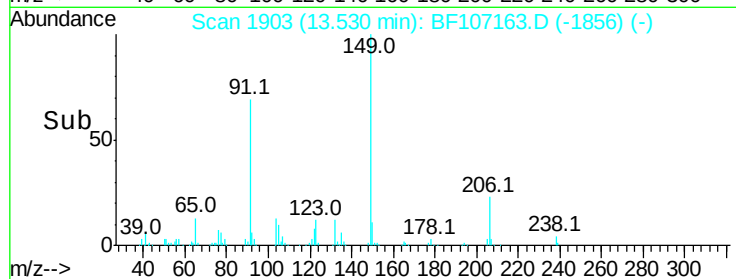
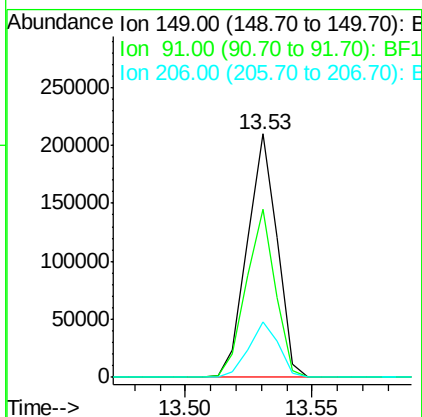
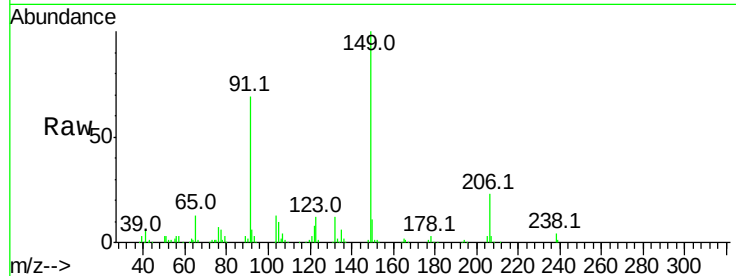




#79
Butylbenzylphthalate
Concen: 40.006 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

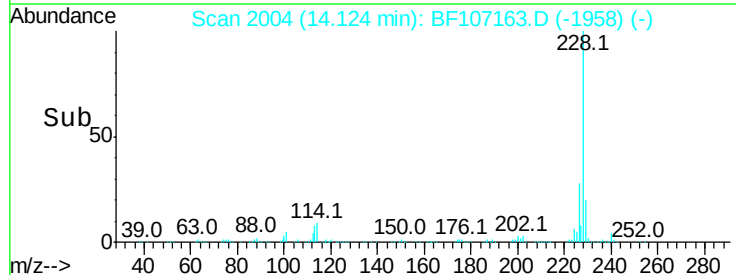
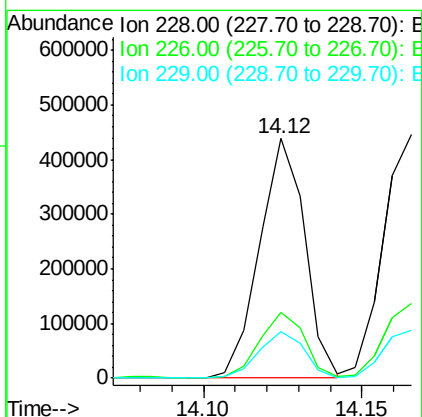
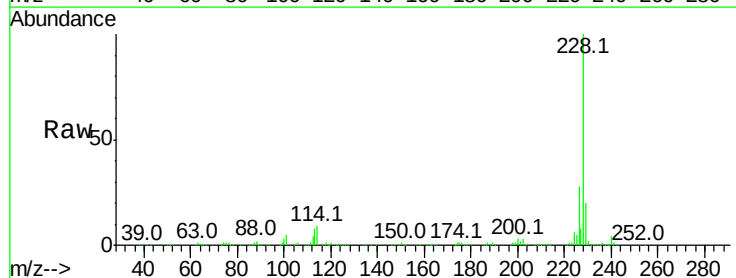
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

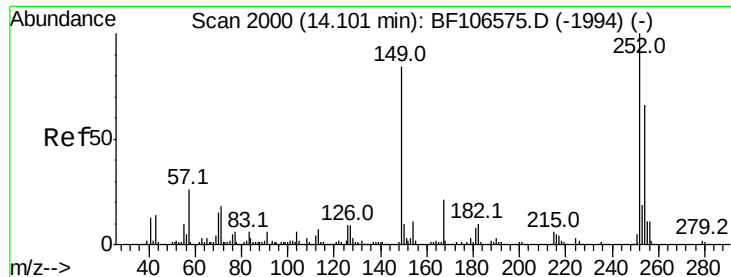
Tot Ion:149 Resp: 171821
Ion Ratio Lower Upper
149 100
91 68.9 56.8 85.2
206 22.8 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 44.970 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:228 Resp: 434173
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.6 15.8 23.6

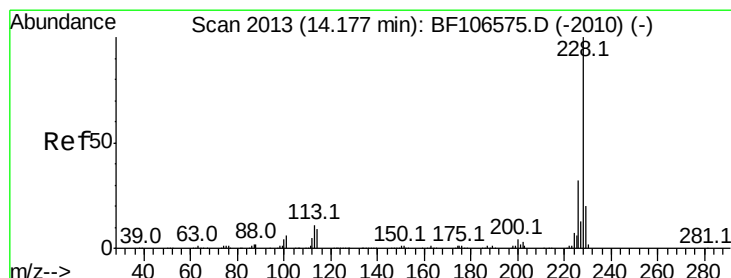
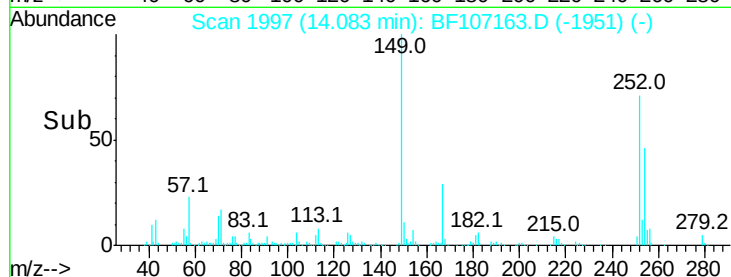
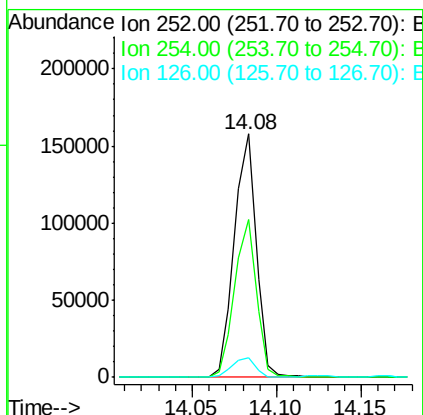
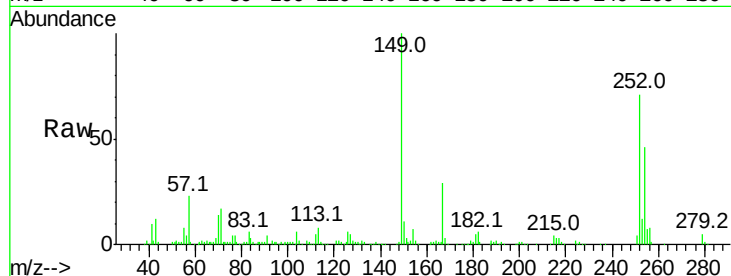




#81
 3,3'-Dichlorobenzidine
 Concen: 42.215 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

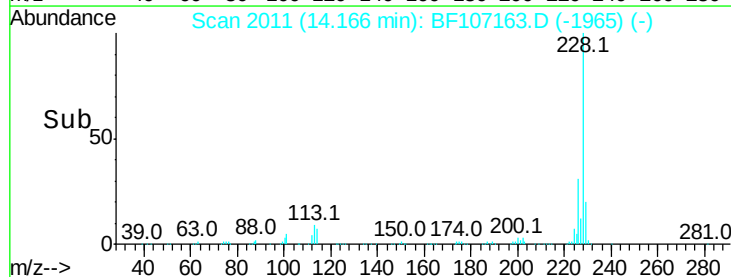
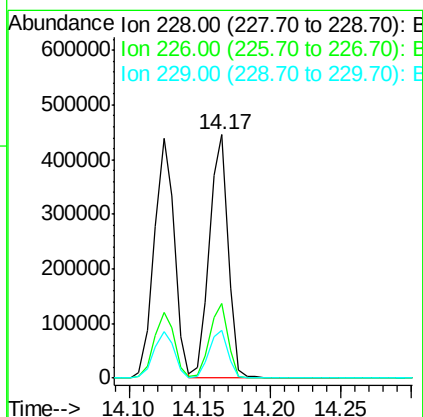
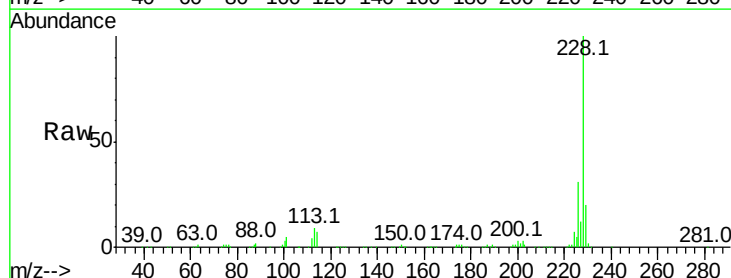
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

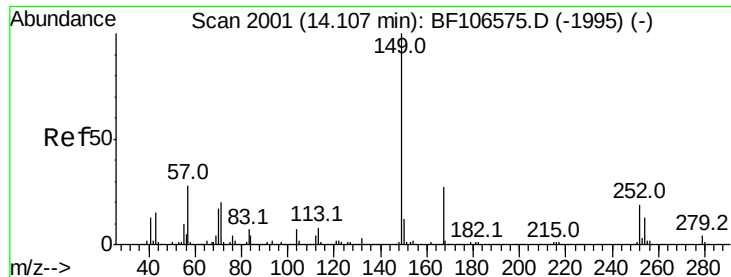
Tot Ion:252 Resp: 143246
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.4 75.6
 126 7.8 11.3 16.9#



#82
 Chrysene
 Concen: 46.017 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:228 Resp: 408734
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.7 16.2 24.4

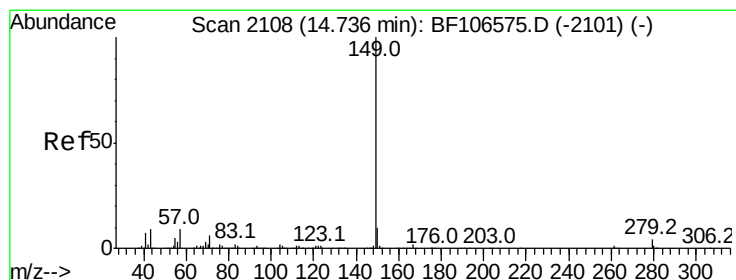
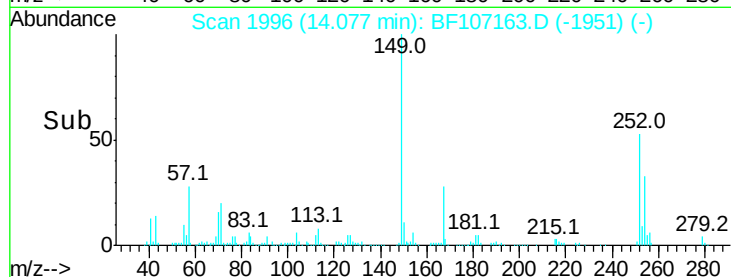
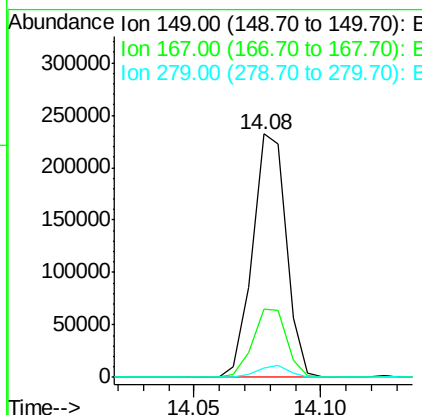
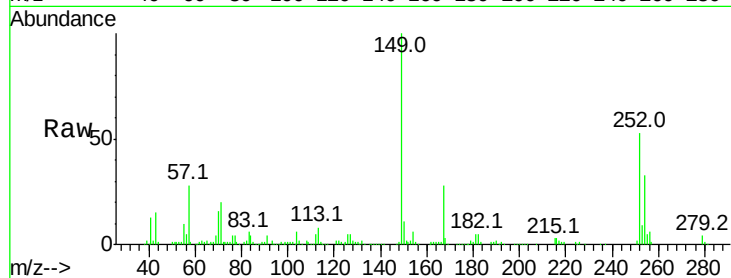




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.321 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

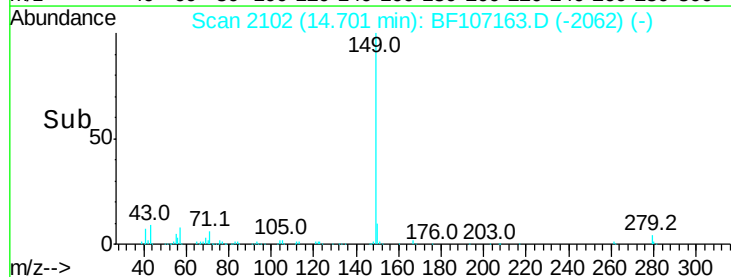
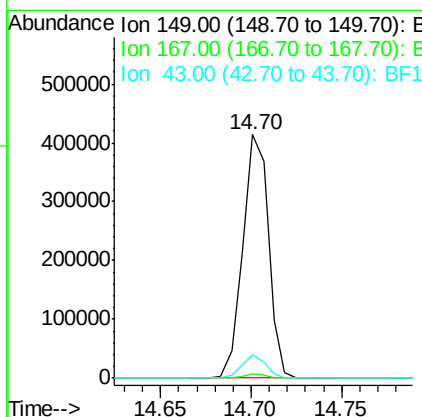
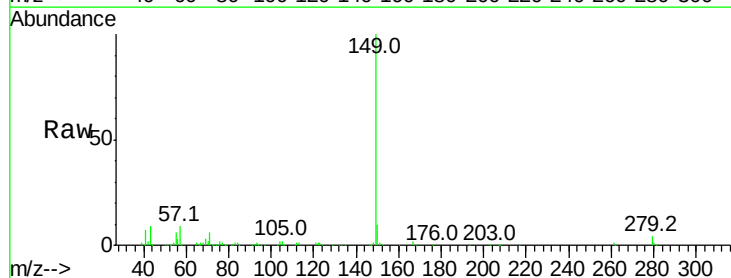
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

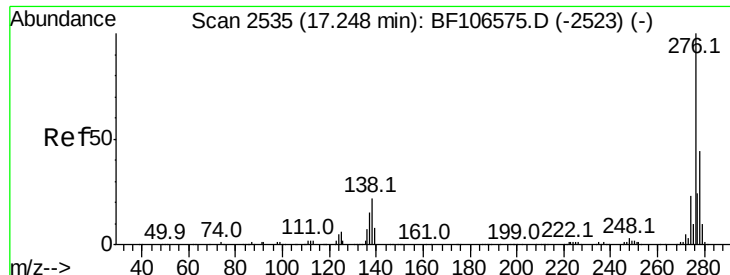
Tot Ion:149 Resp: 215908
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 4.1 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 45.549 ng
 RT: 14.70 min Scan# 2102
 Delta R.T. -0.06 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion:149 Resp: 407681
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.8 8.4 12.6

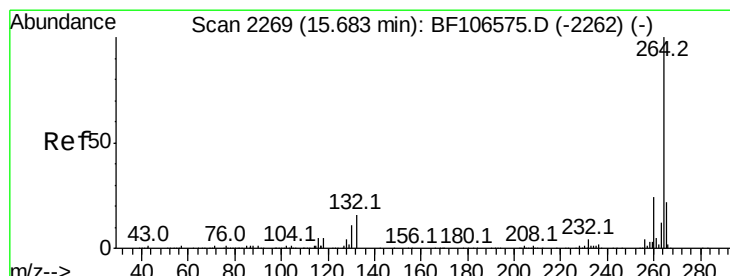
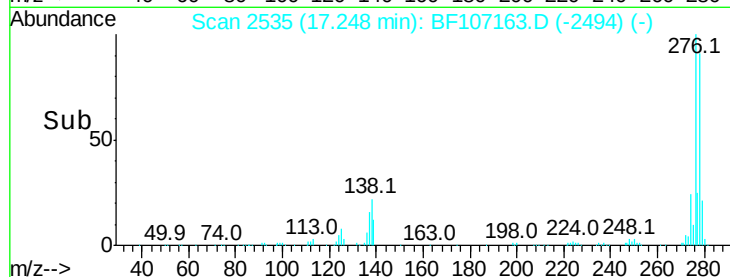
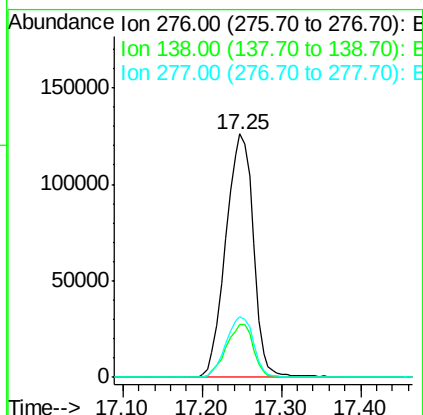
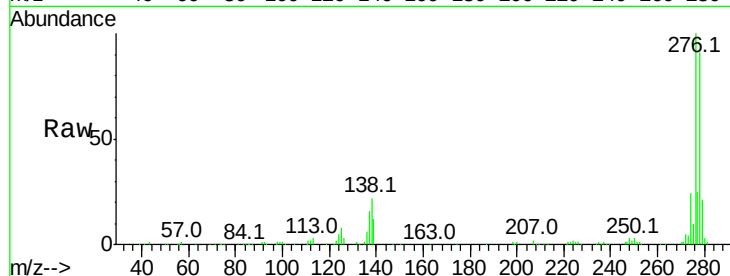




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.447 ng
 RT: 17.25 min Scan# 2535
 Delta R.T. -0.06 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

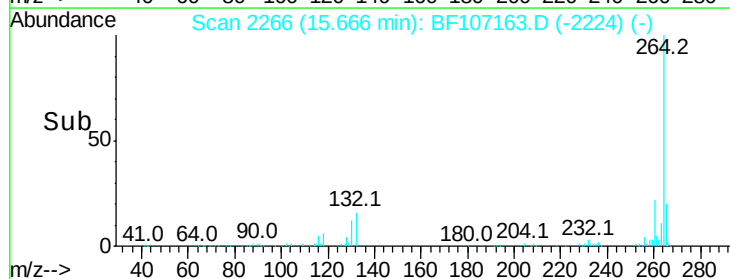
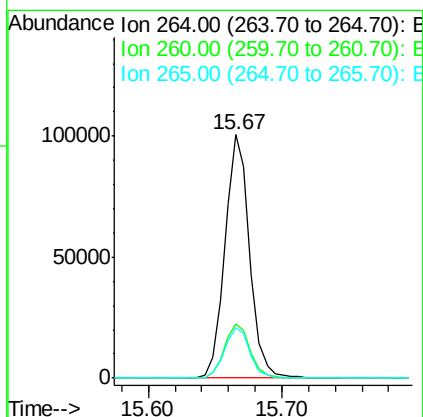
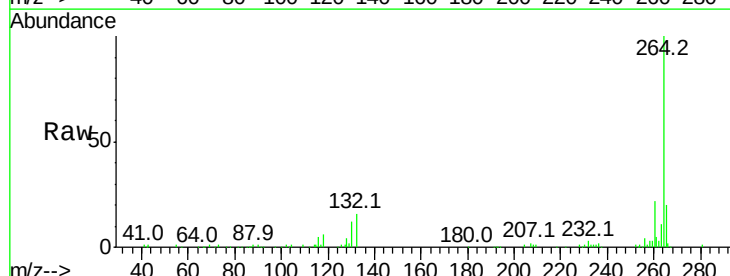
Instrument :
 BNA_F
 ClientSampleId :
 PB110854BSD

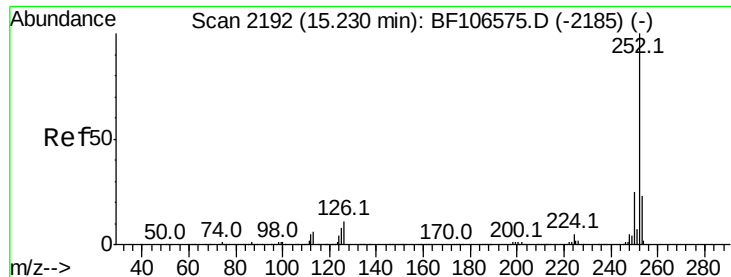
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. -0.05 min
 Lab File: BF107163.D
 Acq: 6 Jul 2018 10:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	20.4	17.5	26.3

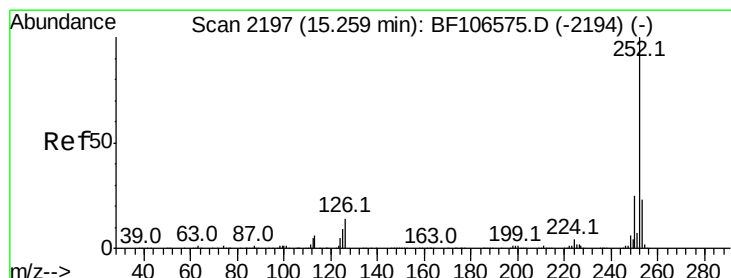
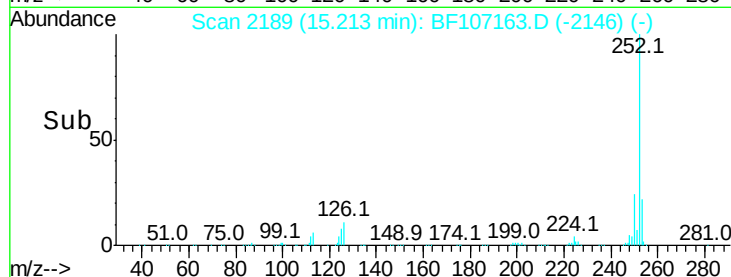
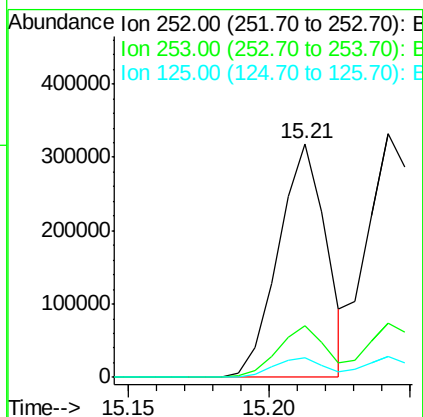
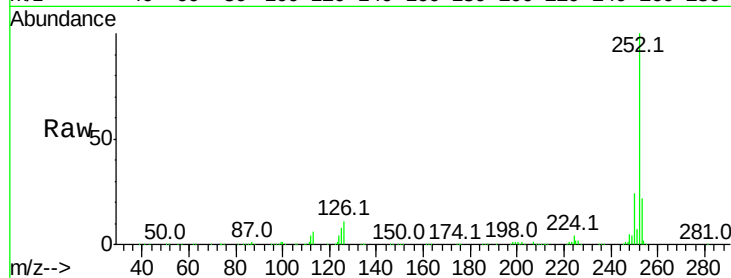




#87
Benzo(b)fluoranthene
Concen: 46.258 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

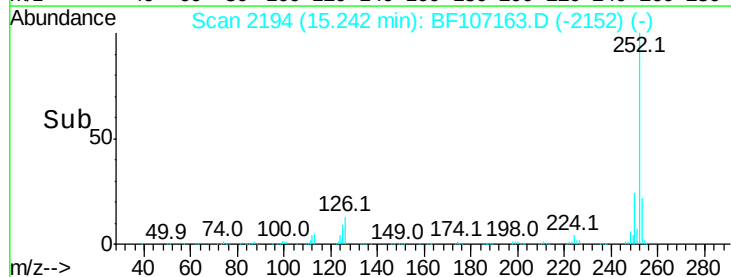
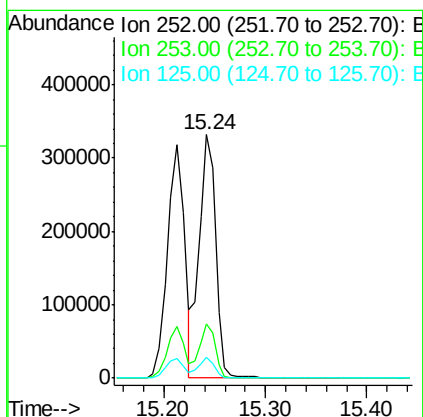
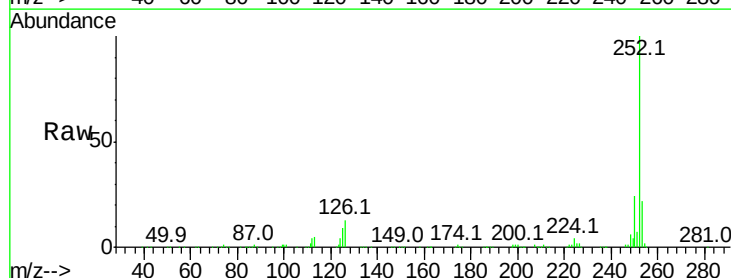
Instrument :
BNA_F
ClientSampleId :
PB110854BSD

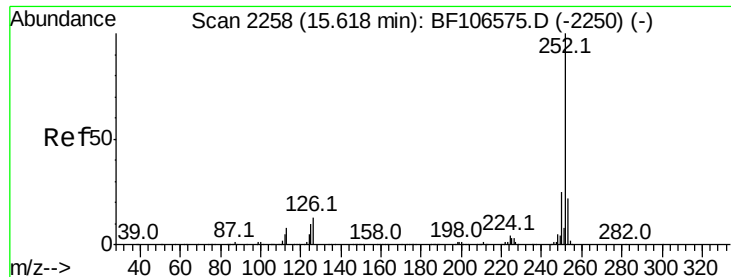
Tot Ion:252 Resp: 374263
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 48.911 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107163.D
Acq: 6 Jul 2018 10:03

Tgt Ion:252 Resp: 376851
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.7 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 47.095 ng

RT: 15.60 min Scan# 2255

Delta R.T. -0.05 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD

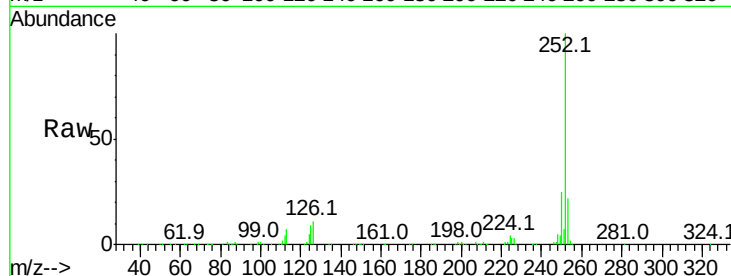
Tot Ion:252 Resp: 338732

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

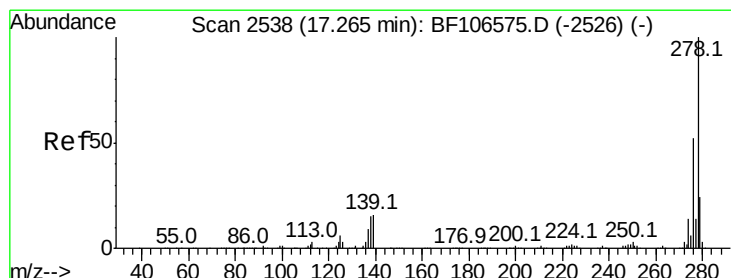
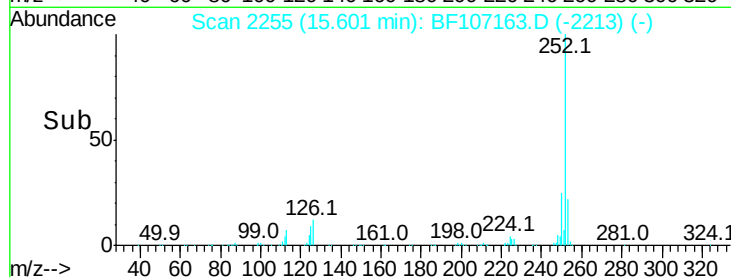
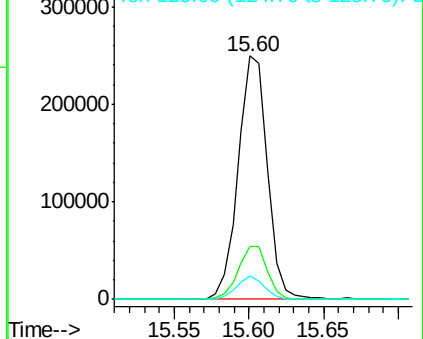
125 9.5 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.999 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.07 min

Lab File: BF107163.D

Acq: 6 Jul 2018 10:03

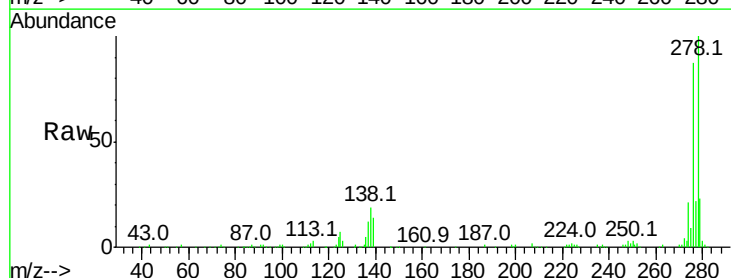
Tgt Ion:278 Resp: 262102

Ion Ratio Lower Upper

278 100

139 13.6 15.9 23.9#

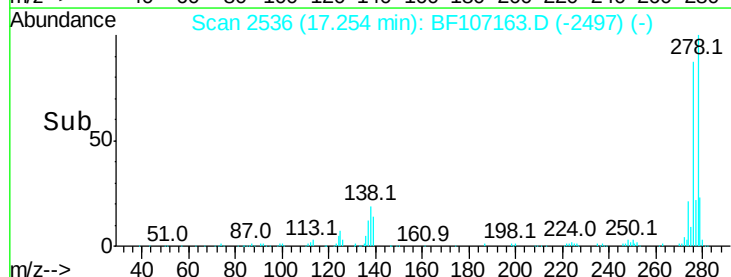
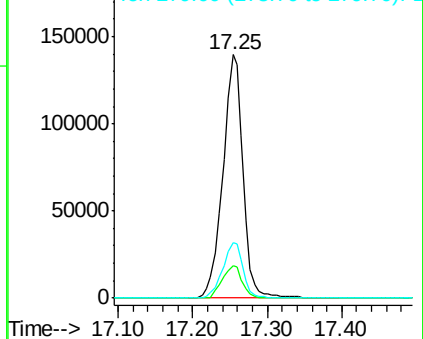
279 23.0 19.0 28.4

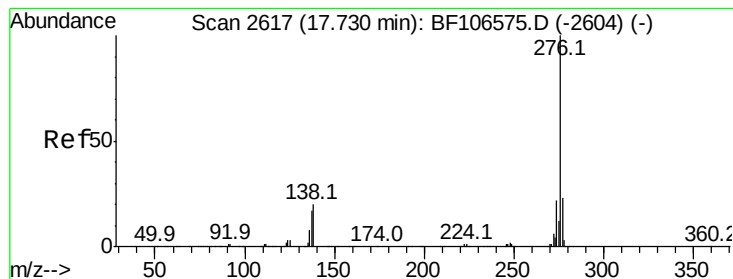


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.879 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.06 min

Lab File: BF107163.D

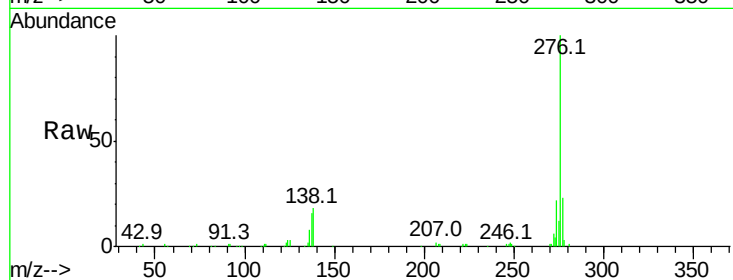
Acq: 6 Jul 2018 10:03

Instrument :

BNA_F

ClientSampleId :

PB110854BSD



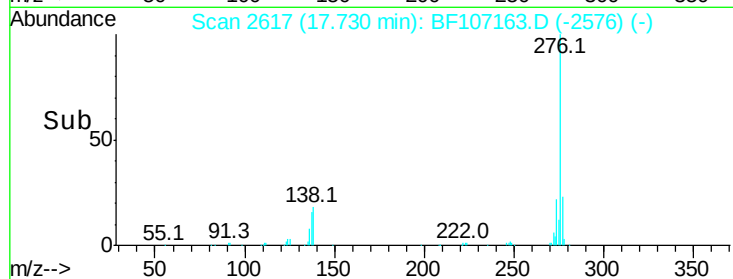
Tot Ion:276 Resp: 249509

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 18.3 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

