

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
 Data File : BF107338.D
 Acq On : 12 Jul 2018 14:56
 Operator : JU/SJ
 Sample : PB110987BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Quant Time: Jul 12 16:31:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	77666	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	301194	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	157840	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	316798	20.00	ng	0.00
75) Chrysene-d12	14.14	240	214863	20.00	ng	0.00
86) Perylene-d12	15.68	264	229803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	512819	111.81	ng	0.02
7) Phenol-d6	6.59	99	636859	111.19	ng	0.01
23) Nitrobenzene-d5	7.50	82	428464	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	208528	113.99	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	756583	80.32	ng	0.00
78) Terphenyl-d14	13.07	244	834166	94.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	72267	30.647	ng	96
3) Pyridine	3.62	79	213695	33.415	ng	98
4) n-Nitrosodimethylamine	3.59	42	89427	32.924	ng	86
6) Aniline	6.61	93	172878	22.250	ng	# 82
8) 2-Chlorophenol	6.73	128	190674	37.902	ng	96
9) Benzaldehyde	6.49	77	124945	29.948	ng	98
10) Phenol	6.60	94	229869	35.165	ng	82
11) bis(2-Chloroethyl)ether	6.67	93	194775	36.093	ng	98
12) 1,3-Dichlorobenzene	6.87	146	225952	38.349	ng	98
13) 1,4-Dichlorobenzene	6.95	146	225518	37.859	ng	98
14) 1,2-Dichlorobenzene	7.10	146	206990	37.916	ng	98
15) Benzyl Alcohol	7.08	79	152679	33.197	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	266469	37.635	ng	# 26
17) 2-Methylphenol	7.20	107	167737	38.962	ng	# 89
18) Hexachloroethane	7.44	117	78812	37.623	ng	# 85
19) n-Nitroso-di-n-propylamine	7.34	70	135808	35.970	ng	94
20) 3+4-Methylphenols	7.35	107	212611	46.050	ng	94
22) Acetophenone	7.34	105	269096	39.934	ng	# 99
24) Nitrobenzene	7.52	77	214326	38.734	ng	97
25) Isophorone	7.75	82	401580	42.049	ng	97
26) 2-Nitrophenol	7.84	139	113332	43.387	ng	96
27) 2,4-Dimethylphenol	7.87	122	184624	45.728	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	251602	39.237	ng	97
29) 2,4-Dichlorophenol	8.08	162	183026	43.300	ng	94
30) 1,2,4-Trichlorobenzene	8.15	180	200239	43.003	ng	97
31) Naphthalene	8.24	128	567733	40.317	ng	100
32) Benzoic acid	8.03	122	85557	31.386	ng	95
33) 4-Chloroaniline	8.29	127	73269	12.400	ng	98
34) Hexachlorobutadiene	8.34	225	133194	43.899	ng	98
35) Caprolactam	8.69	113	35766	25.958	ng	95
36) 4-Chloro-3-methylphenol	8.80	107	185149	41.615	ng	98
37) 2-Methylnaphthalene	8.93	142	421336	45.141	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	221904	41.746	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	89707	32.802	ng	97

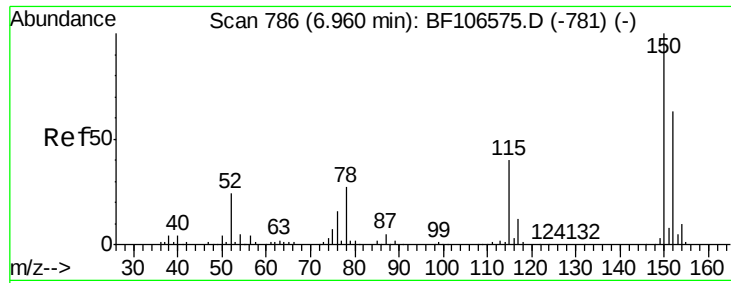
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	118830	33.631	ng	93
43) 2,4,5-Trichlorophenol	9.27	196	115724	31.388	ng	90
45) 1,1'-Biphenyl	9.40	154	503814	40.052	ng	99
46) 2-Chloronaphthalene	9.42	162	371538	37.523	ng	95
47) 2-Nitroaniline	9.54	65	115960	34.827	ng	99
48) Acenaphthylene	9.85	152	560718	35.869	ng	99
49) Dimethylphthalate	9.70	163	425629	35.954	ng	98
50) 2,6-Dinitrotoluene	9.78	165	100958	40.274	ng	# 83
51) Acenaphthene	10.02	154	349239	35.477	ng	98
52) 3-Nitroaniline	9.95	138	46773	16.215	ng	96
53) 2,4-Dinitrophenol	10.07	184	63013	50.465	ng	# 21
54) Dibenzofuran	10.19	168	512561	38.025	ng	97
55) 4-Nitrophenol	10.14	139	41327	20.525	ng	89
56) 2,4-Dinitrotoluene	10.19	165	119503	36.522	ng	# 94
57) Fluorene	10.54	166	421765	39.431	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88405	30.164	ng	# 76
59) Diethylphthalate	10.40	149	414170	36.248	ng	# 93
60) 4-Chlorophenyl-phenylether	10.52	204	222426	39.743	ng	# 85
61) 4-Nitroaniline	10.58	138	94004	32.836	ng	95
62) Azobenzene	10.68	77	397985	35.371	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	69126	35.300	ng	# 75
65) n-Nitrosodiphenylamine	10.64	169	370954	34.813	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	152392	40.307	ng	# 79
67) Hexachlorobenzene	11.09	284	163351	41.280	ng	# 80
68) Atrazine	11.17	200	135147	39.896	ng	93
69) Pentachlorophenol	11.30	266	43871	22.219	ng	98
70) Phenanthrene	11.51	178	608569	39.828	ng	99
71) Anthracene	11.56	178	631101	40.465	ng	99
72) Carbazole	11.72	167	530586	36.337	ng	98
73) Di-n-butylphthalate	12.02	149	622029	36.160	ng	100
74) Fluoranthene	12.70	202	636841	37.814	ng	96
76) Benzidine	12.82	184	205877	33.644	ng	98
77) Pyrene	12.94	202	630633	44.509	ng	99
79) Butylbenzylphthalate	13.53	149	228937	39.299	ng	# 92
80) Benzo(a)anthracene	14.13	228	534460	40.813	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	93417	20.297	ng	# 96
82) Chrysene	14.17	228	487394	40.456	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	292645	39.293	ng	97
84) Di-n-octyl phthalate	14.70	149	484820	39.936	ng	95
85) Indeno(1,2,3-cd)pyrene	17.29	276	607918	59.460	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	533446	37.369	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	486136	35.760	ng	# 96
89) Benzo(a)pyrene	15.62	252	512644	40.396	ng	# 96
90) Dibenzo(a,h)anthracene	17.29	278	502098	46.685	ng	# 92
91) Benzo(g,h,i)perylene	17.77	276	530882	50.502	ng	# 90

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

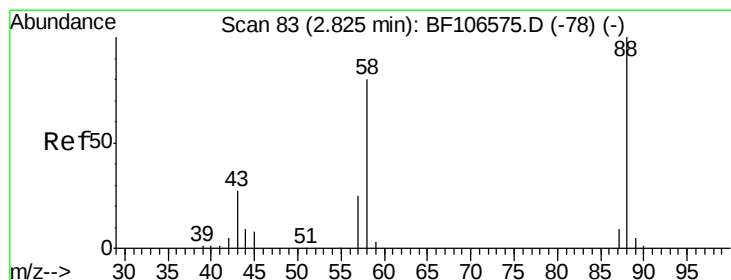
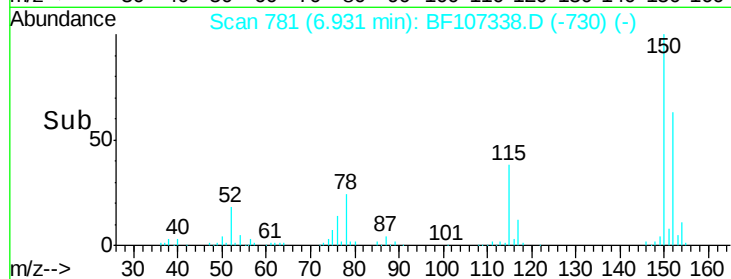
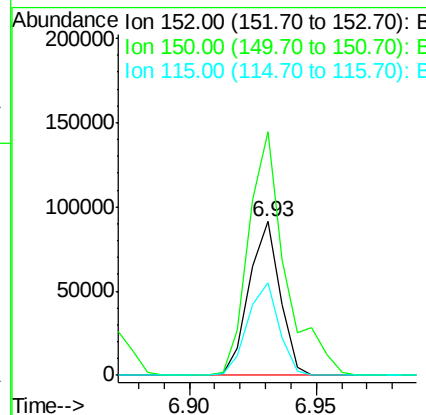
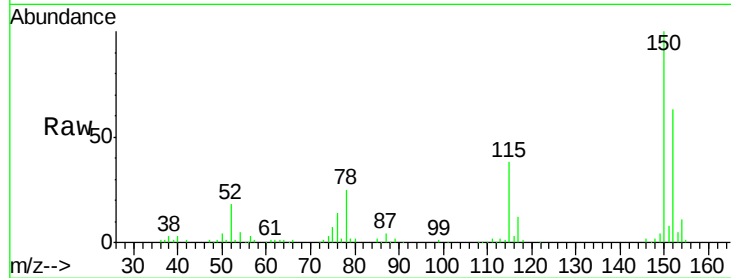


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

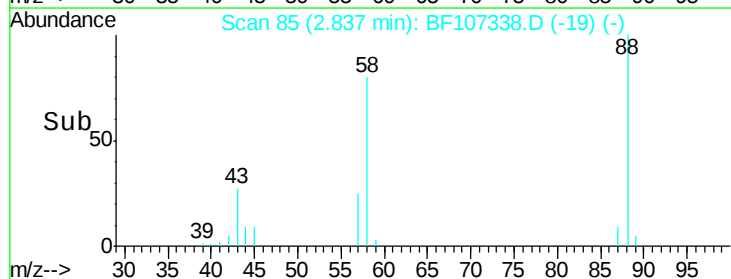
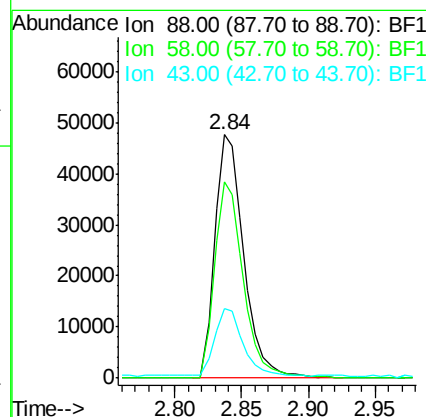
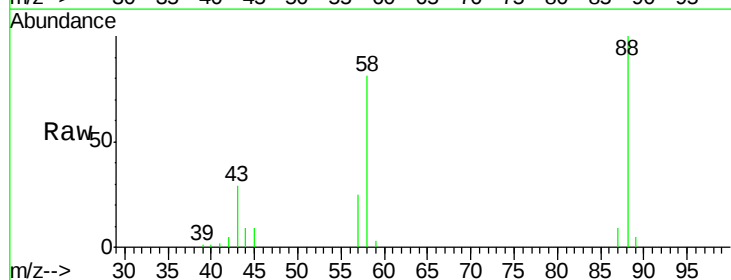
Tgt Ion:152 Resp: 77666
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 60.6 50.1 75.1

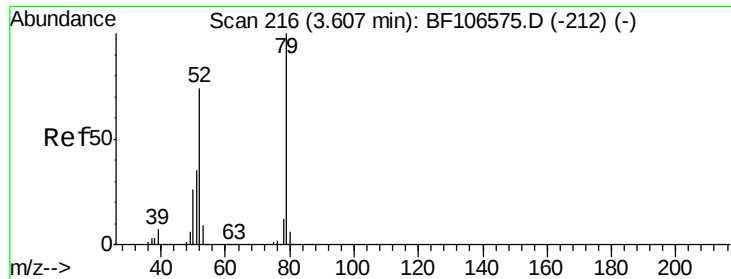


#2

1,4-Dioxane
Concen: 30.647 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion: 88 Resp: 72267
Ion Ratio Lower Upper
88 100
58 80.4 62.6 93.8
43 26.9 24.6 37.0





#3

Pyridine

Concen: 33.415 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

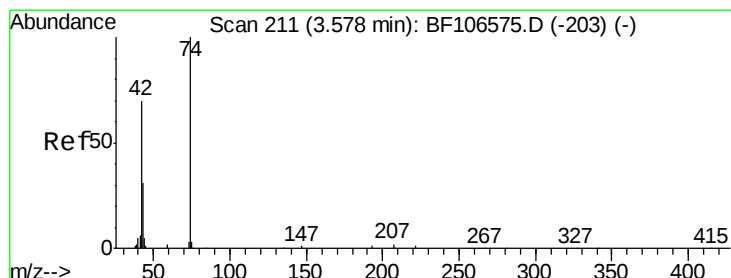
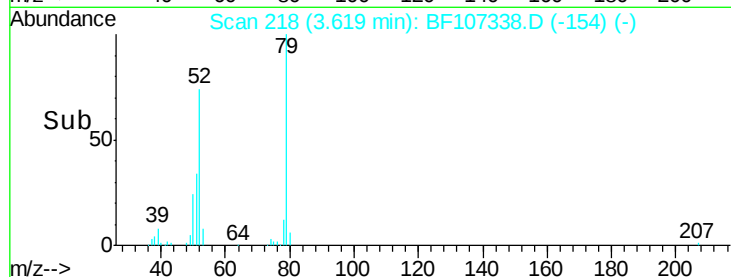
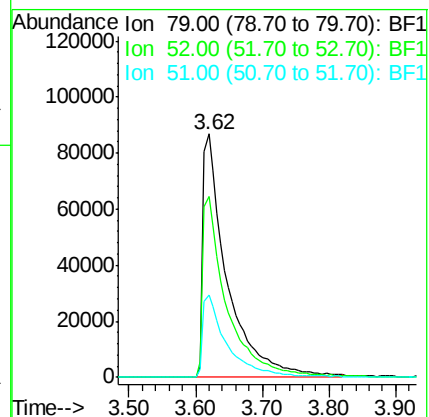
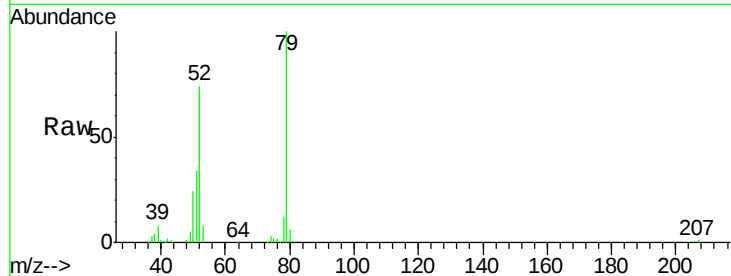
Tgt Ion: 79 Resp: 213695

Ion Ratio Lower Upper

79 100

52 74.3 59.8 89.6

51 33.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 32.924 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.08 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

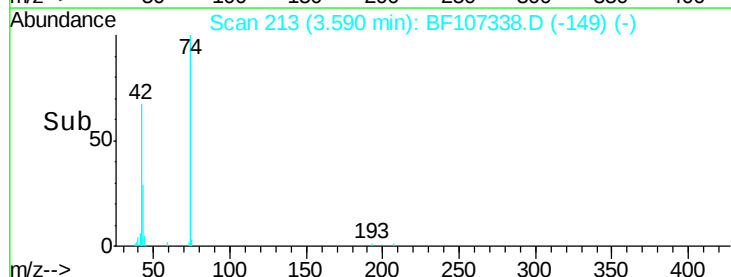
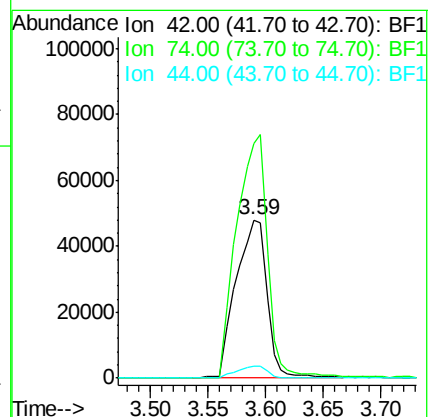
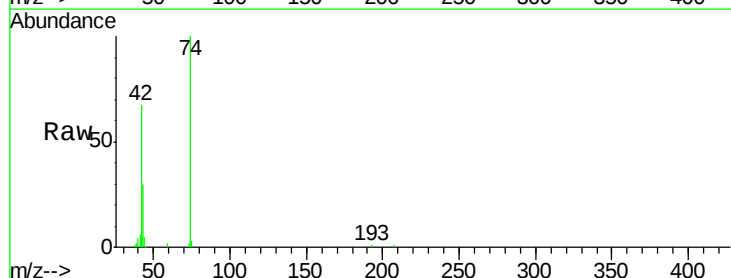
Tgt Ion: 42 Resp: 89427

Ion Ratio Lower Upper

42 100

74 148.3 104.9 157.3

44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 111.808 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

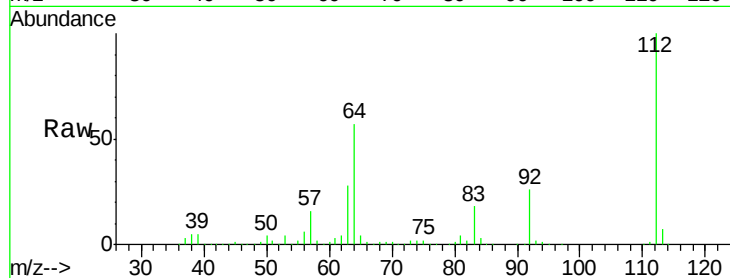
Tgt Ion: 112 Resp: 512819

Ion Ratio Lower Upper

112 100

64 57.1 47.9 71.9

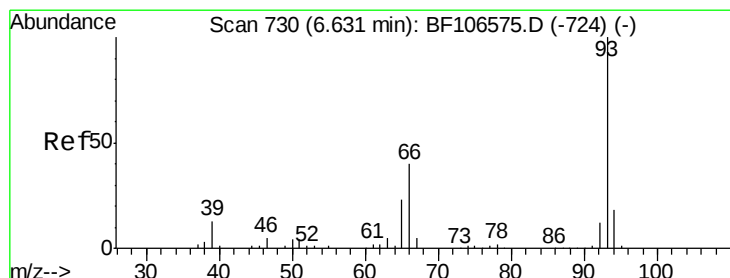
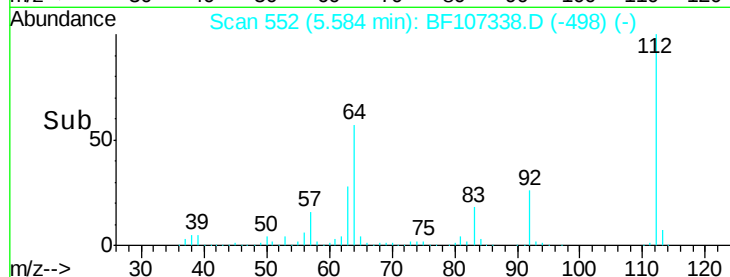
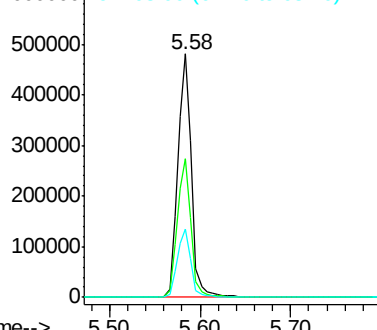
63 28.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.250 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

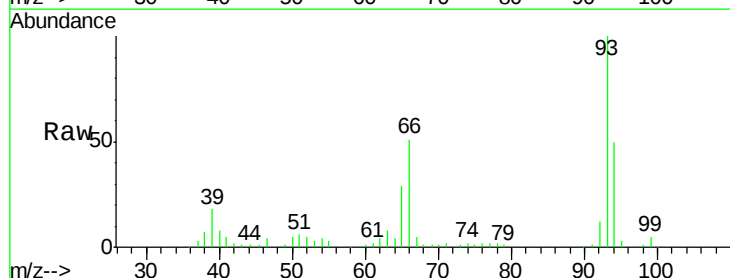
Tgt Ion: 93 Resp: 172878

Ion Ratio Lower Upper

93 100

66 51.5 32.2 48.2#

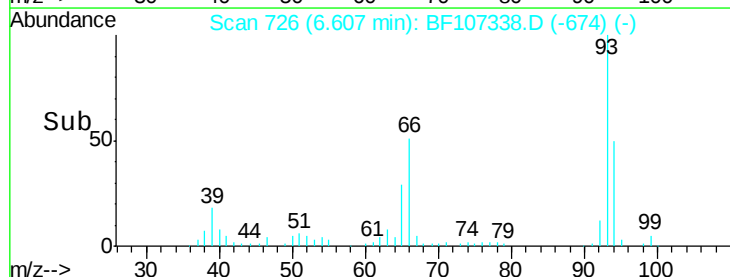
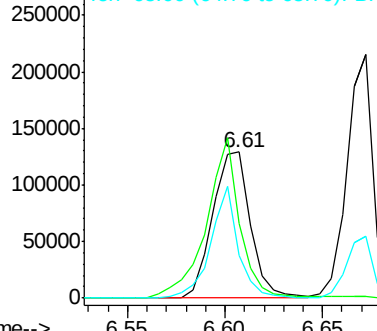
65 29.2 16.4 24.6#



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: 111.187 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

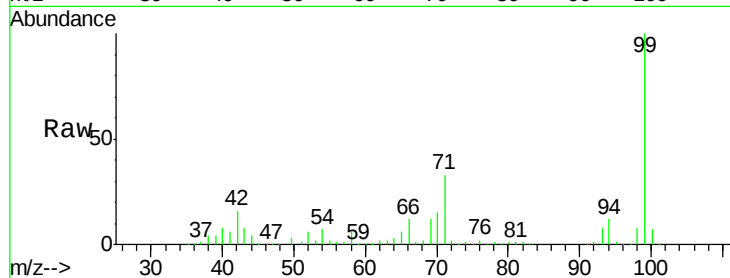
Tgt Ion: 99 Resp: 636859

Ion Ratio Lower Upper

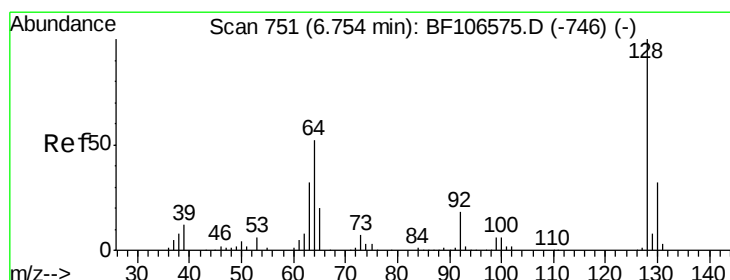
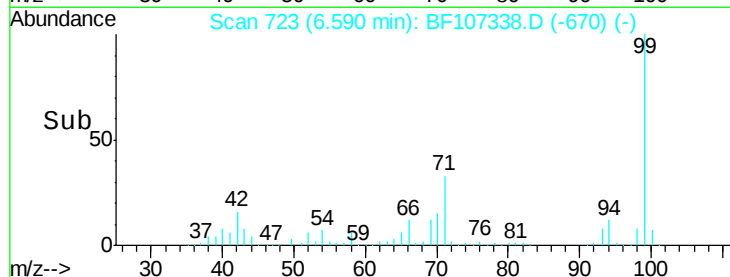
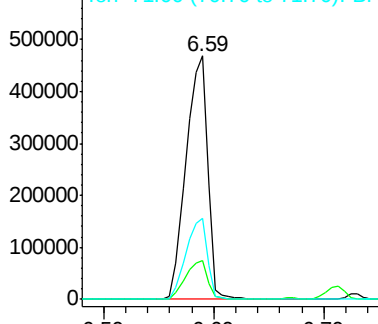
99 100

42 15.8 14.5 21.7

71 33.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.902 ng

RT: 6.73 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

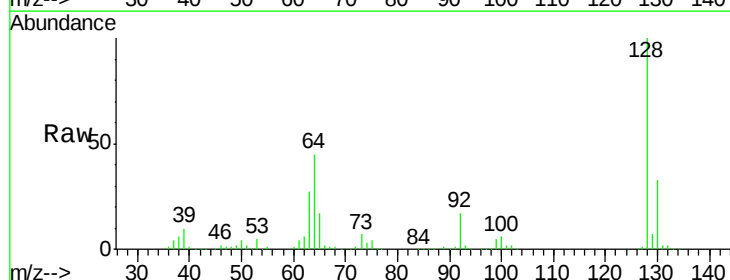
Tgt Ion: 128 Resp: 190674

Ion Ratio Lower Upper

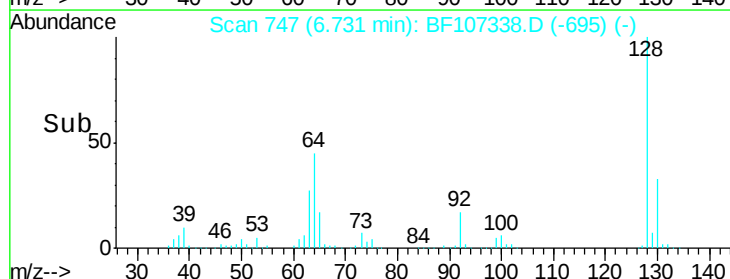
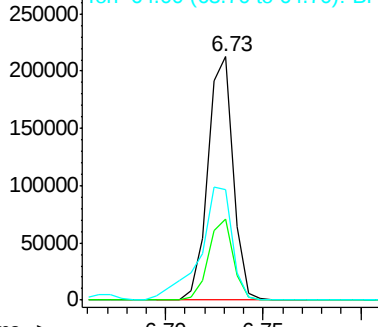
128 100

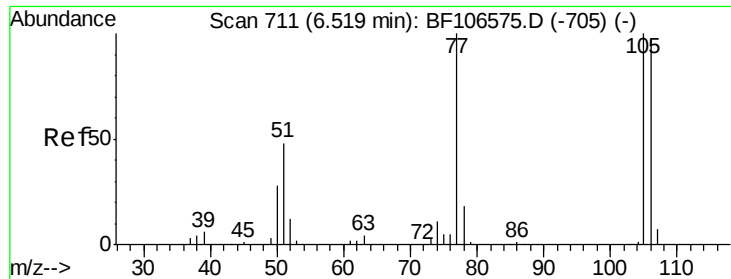
130 33.4 13.0 53.0

64 45.3 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

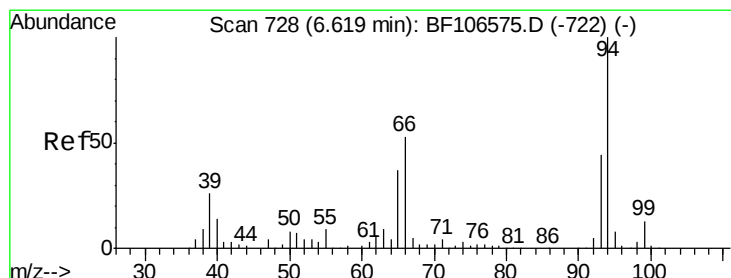
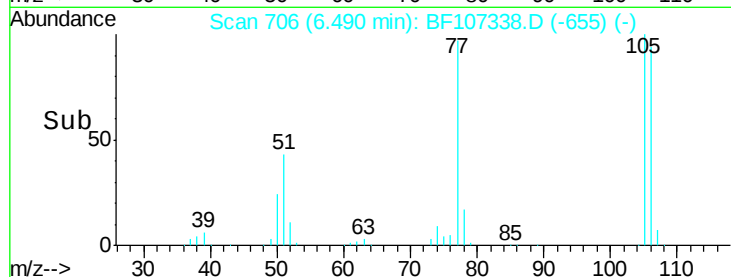
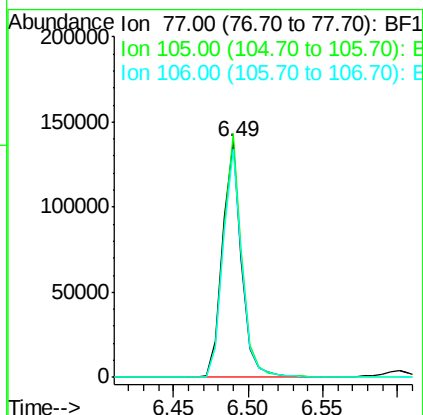
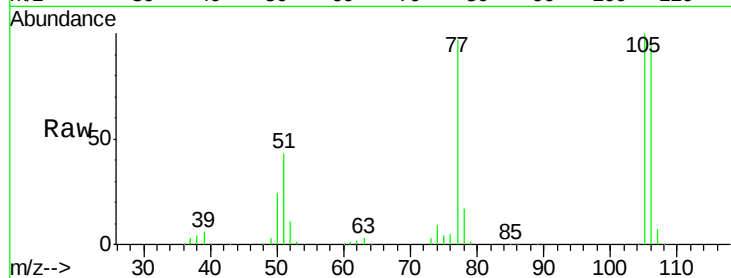




#9
Benzaldehyde
Concen: 29.948 ng
RT: 6.49 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

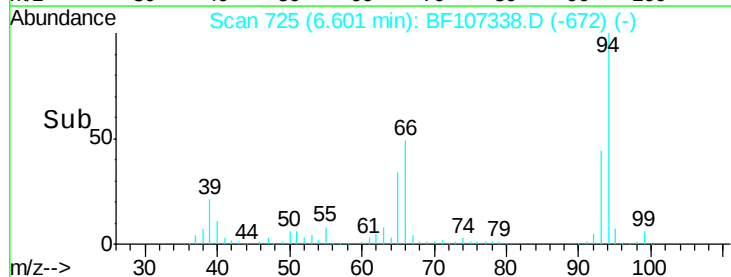
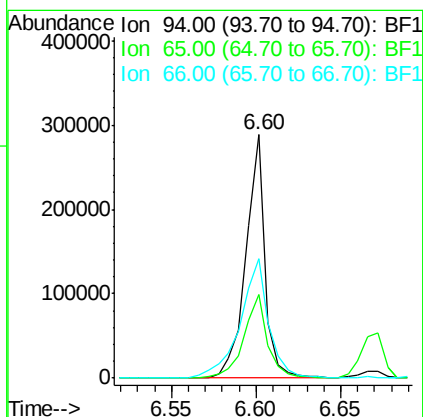
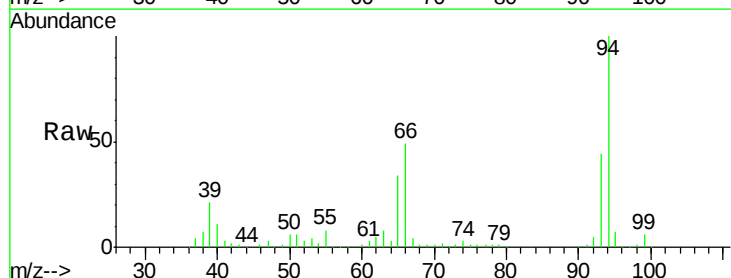
Instrument :
BNA_F
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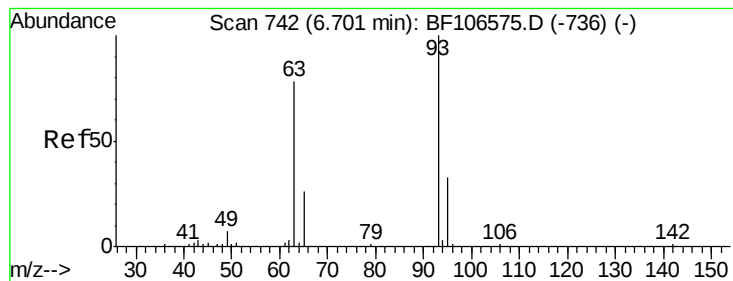
Tgt Ion: 77 Resp: 124945
Ion Ratio Lower Upper
77 100
105 103.4 81.1 121.1
106 96.9 74.5 114.5



#10
Phenol
Concen: 35.165 ng
RT: 6.60 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion: 94 Resp: 229869
Ion Ratio Lower Upper
94 100
65 34.4 7.9 47.9
66 49.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.093 ng

RT: 6.67 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

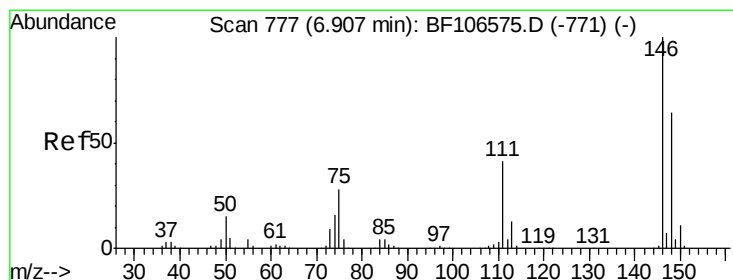
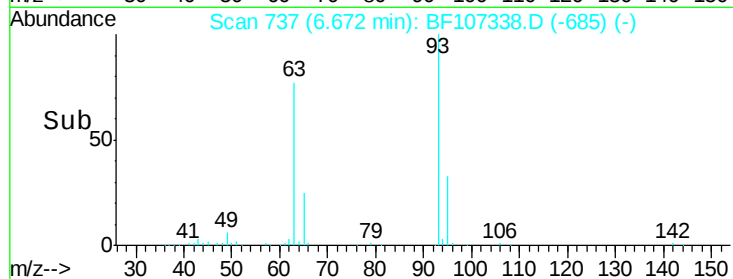
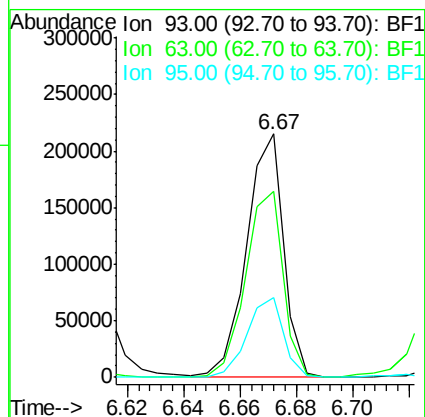
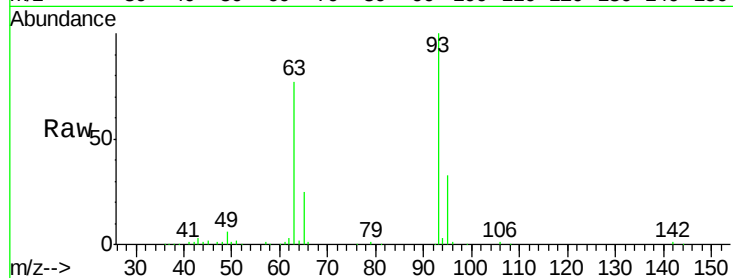
Tgt Ion: 93 Resp: 194775

Ion Ratio Lower Upper

93 100

63 76.6 58.6 98.6

95 32.6 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.349 ng

RT: 6.87 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

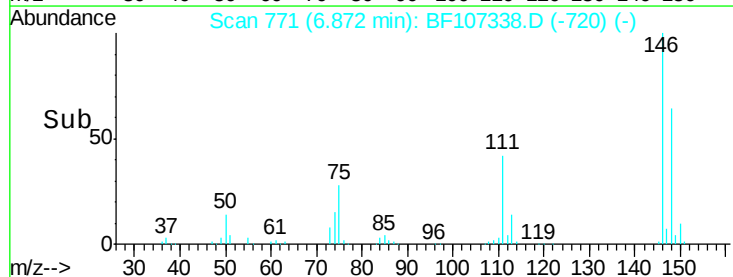
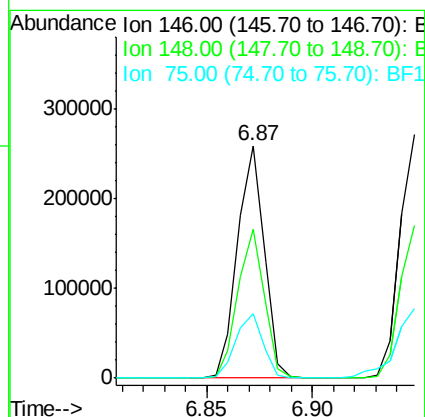
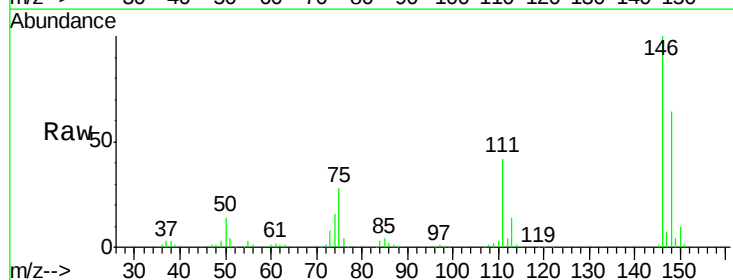
Tgt Ion: 146 Resp: 225952

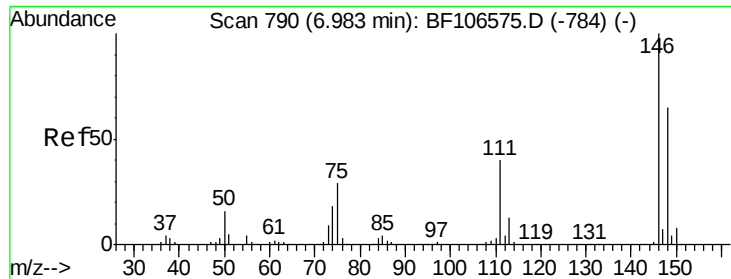
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 27.6 24.2 36.4

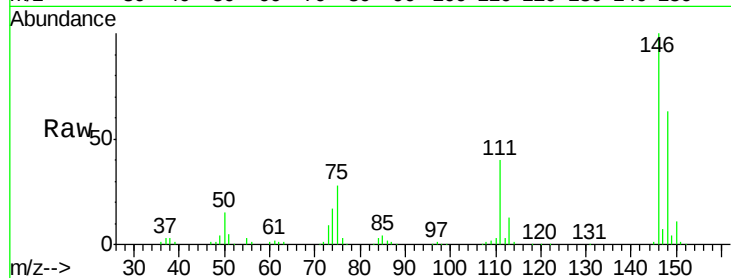




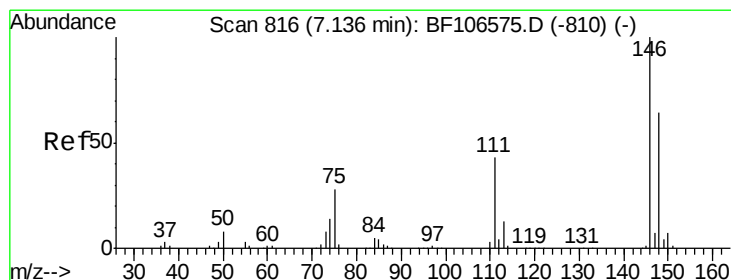
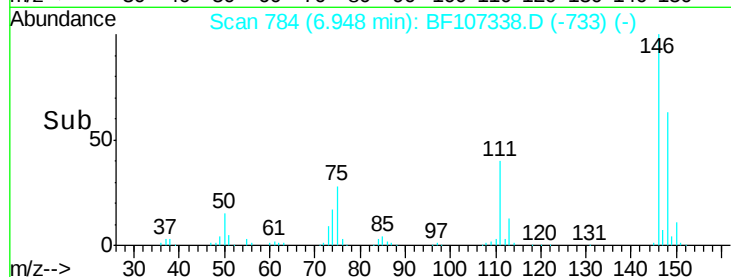
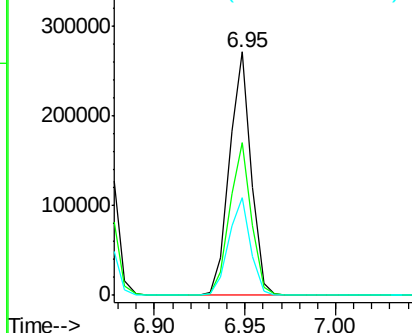
#13
 1,4-Dichlorobenzene
 Concen: 37.859 ng
 RT: 6.95 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion:146 Resp: 225518
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 40.4 34.2 51.2

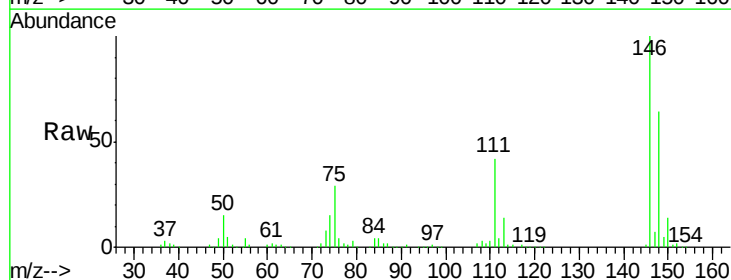


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

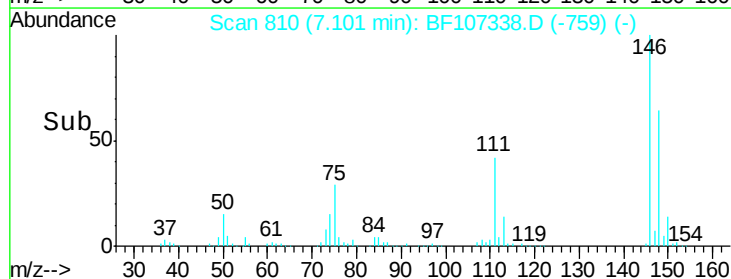
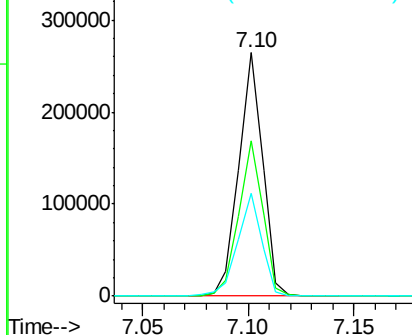


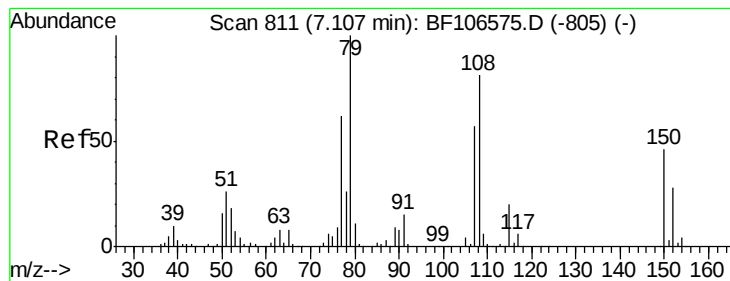
#14
 1,2-Dichlorobenzene
 Concen: 37.916 ng
 RT: 7.10 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:146 Resp: 206990
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 42.3 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: 33.197 ng

RT: 7.08 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

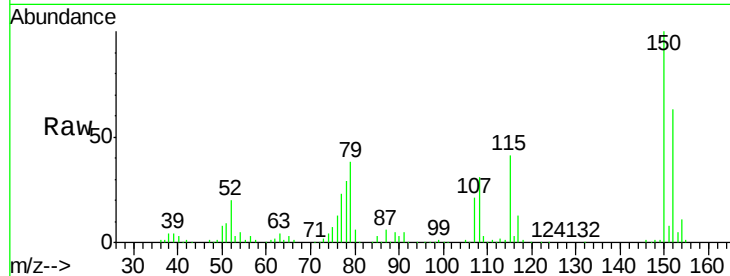
Tgt Ion: 79 Resp: 152679

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

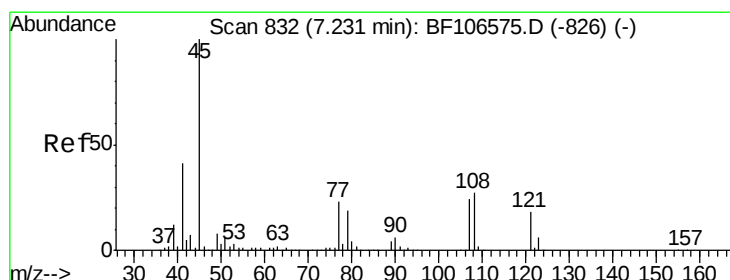
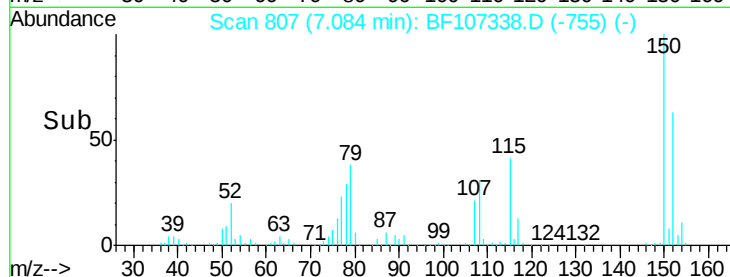
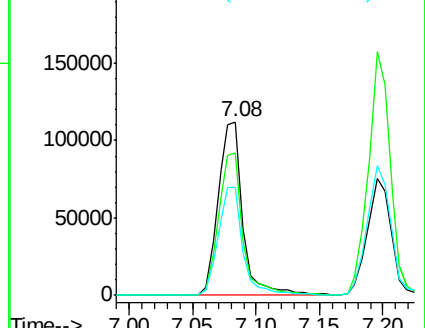
77 62.2 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.635 ng

RT: 7.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

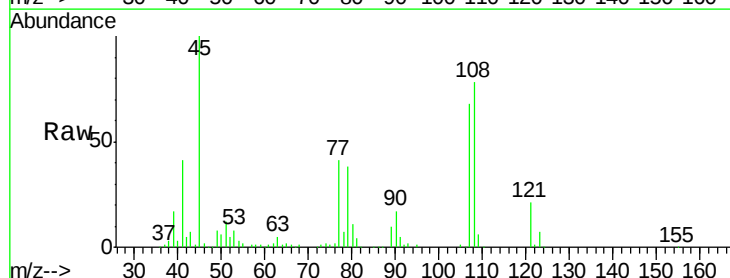
Tgt Ion: 45 Resp: 266469

Ion Ratio Lower Upper

45 100

77 40.8 0.0 32.9#

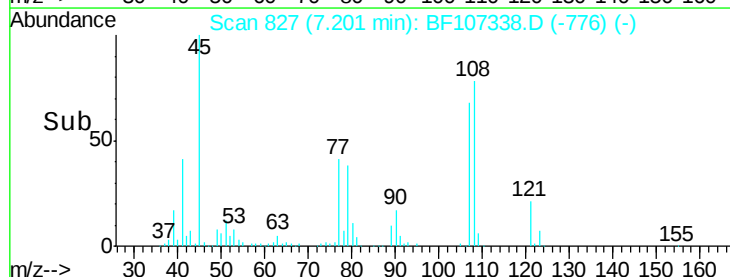
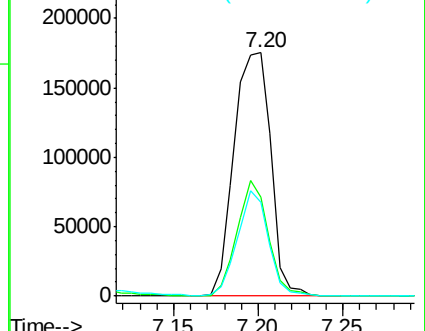
79 38.5 0.0 29.6#

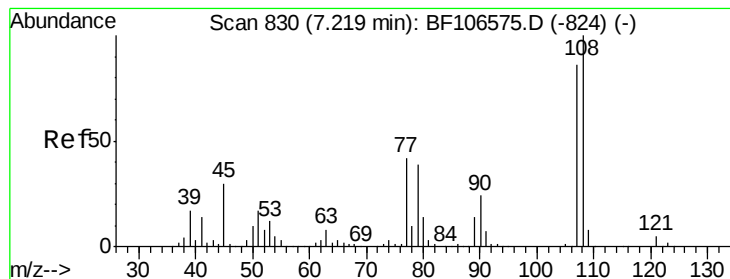


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.962 ng

RT: 7.20 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

Tgt Ion:107 Resp: 167737

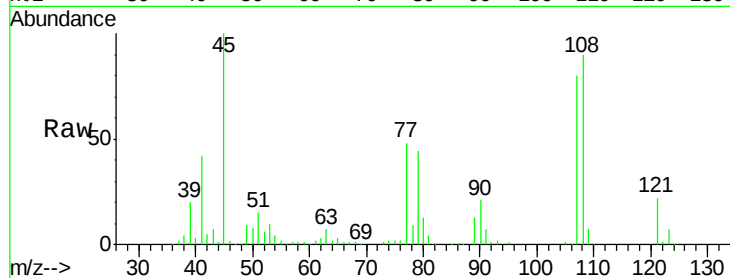
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 59.9 33.8 50.8#

79 54.3 33.8 50.8#



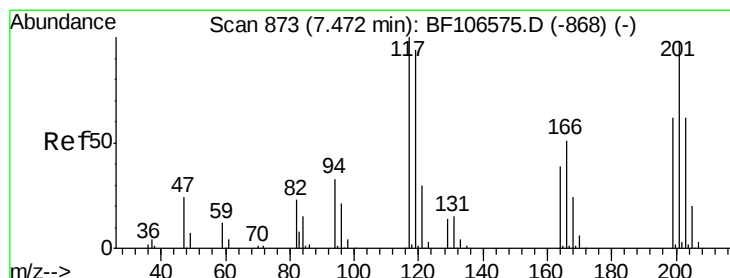
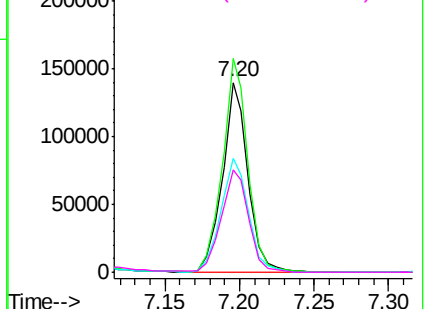
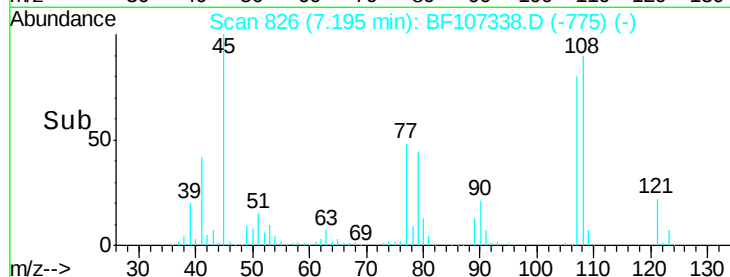
Abundance

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: 37.623 ng

RT: 7.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

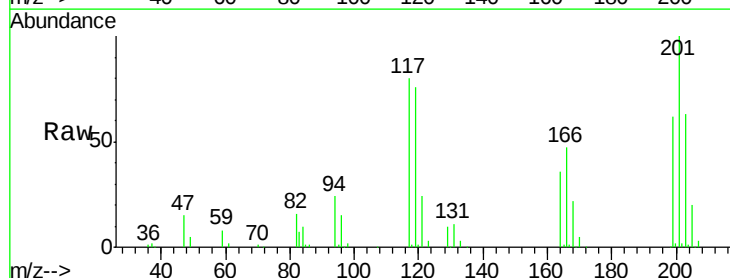
Tgt Ion:117 Resp: 78812

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

201 124.3 75.7 113.5#

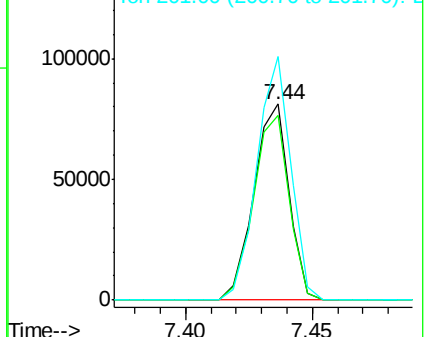
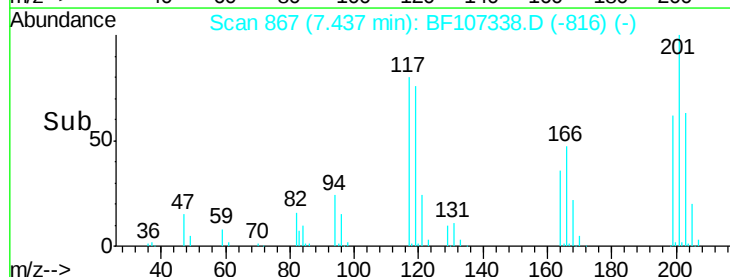


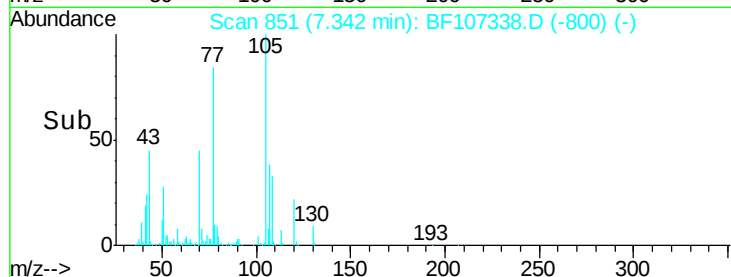
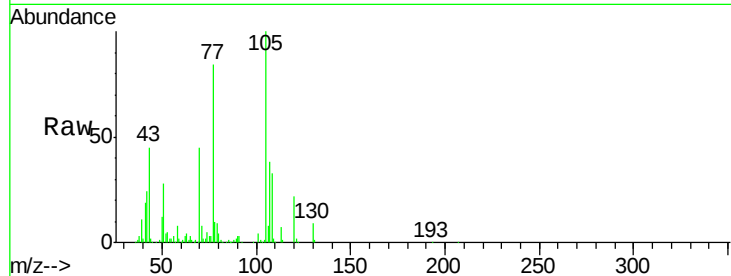
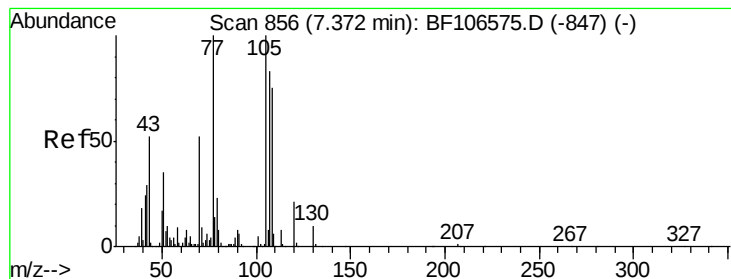
Abundance

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: 35.970 ng

RT: 7.34 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

Tgt Ion: 70 Resp: 135808

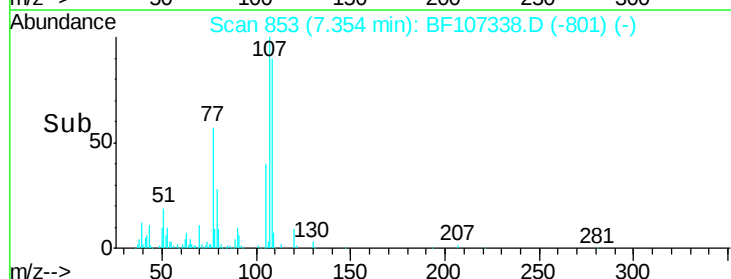
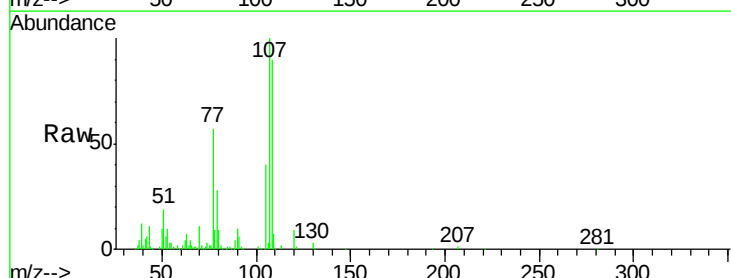
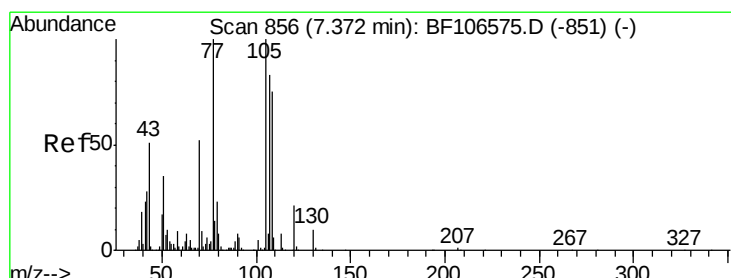
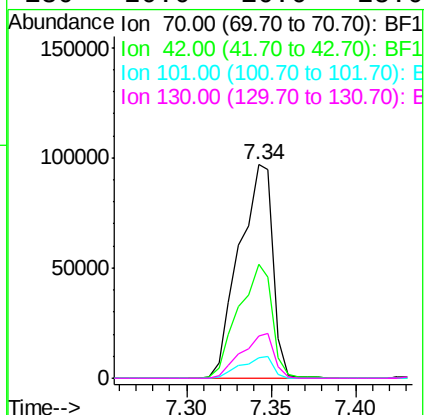
Ion Ratio Lower Upper

70 100

42 53.3 47.5 71.3

101 9.8 7.4 11.2

130 20.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 46.050 ng

RT: 7.35 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion: 107 Resp: 212611

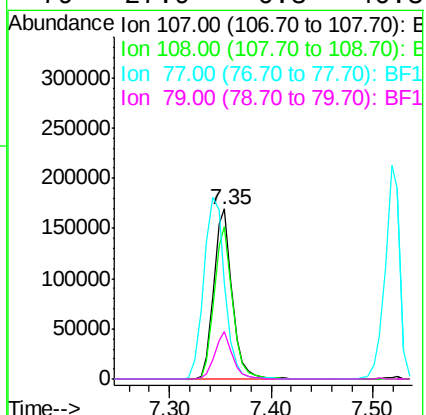
Ion Ratio Lower Upper

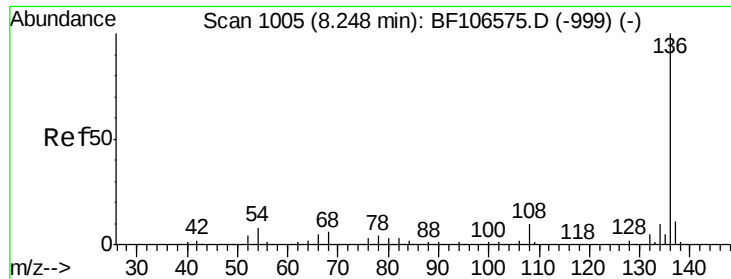
107 100

108 90.0 68.2 108.2

77 56.8 26.7 66.7

79 27.9 6.3 46.3

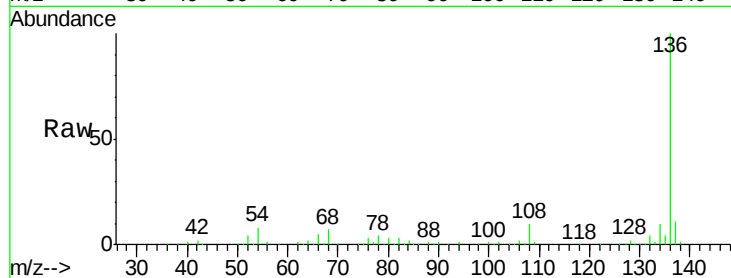




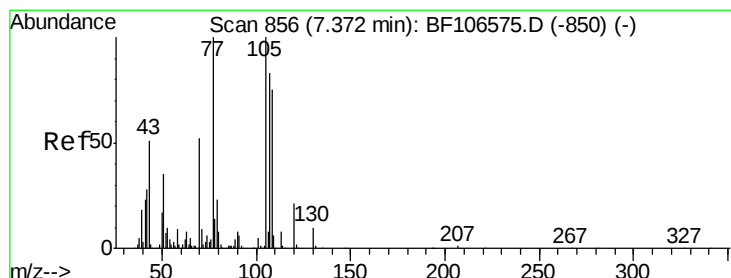
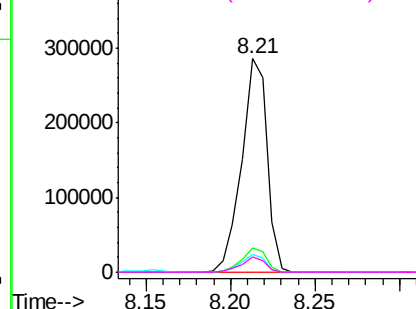
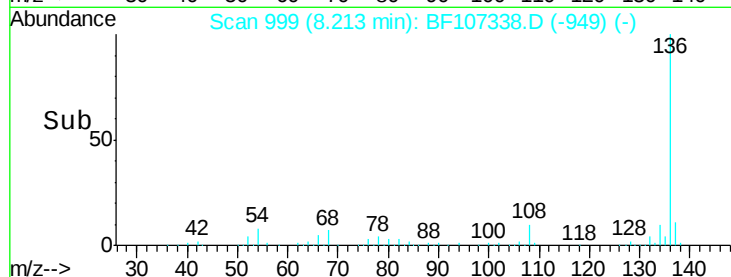
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tgt Ion:	136	Resp:	301194
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.6	9.8
68	7.0	5.0	7.4

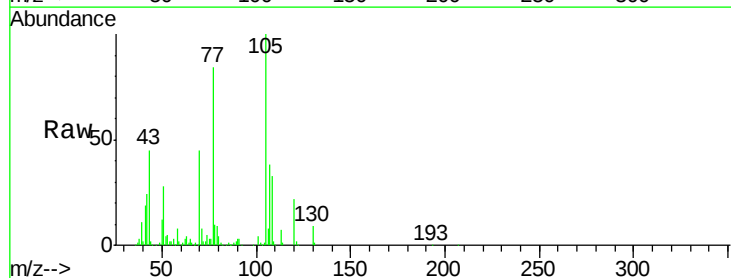


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

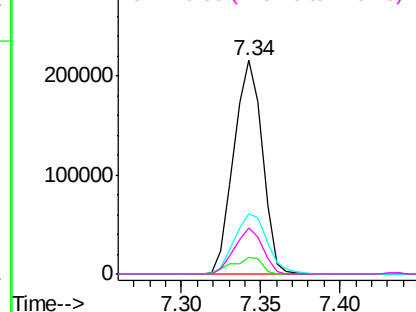
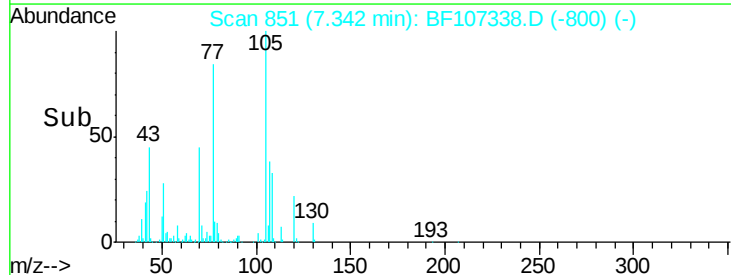


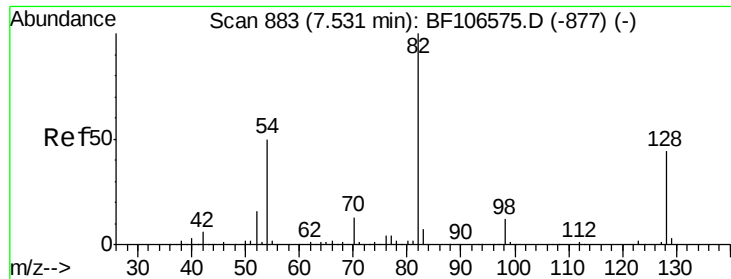
#22
Acetophenone
Concen: 39.934 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:	105	Resp:	269096
Ion	Ratio	Lower	Upper
105	100		
71	7.7	4.4	6.6#
51	28.3	22.3	33.5
120	21.6	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

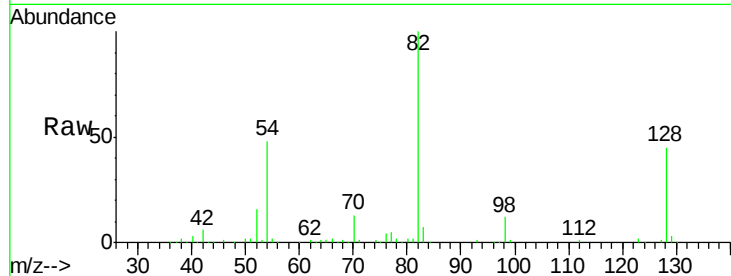




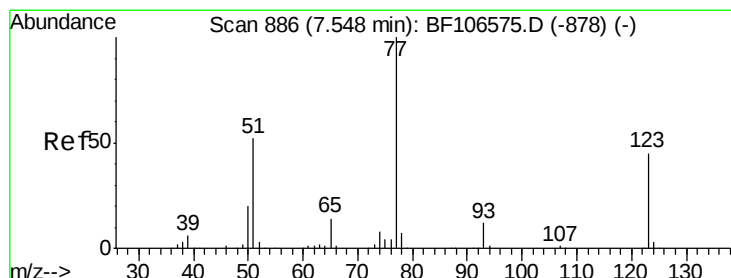
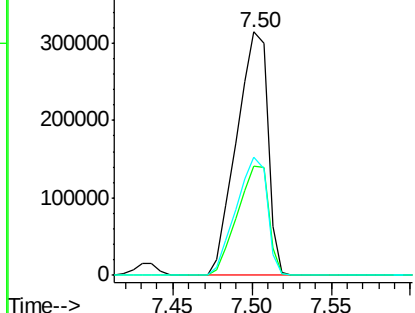
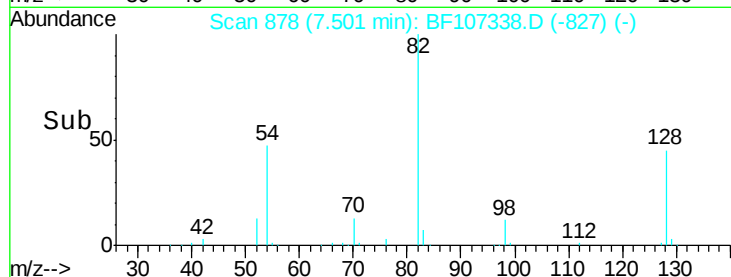
#23
 Nitrobenzene-d5
 Concen: 79.056 ng
 RT: 7.50 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion: 82 Resp: 428464
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 48.4 41.4 62.2

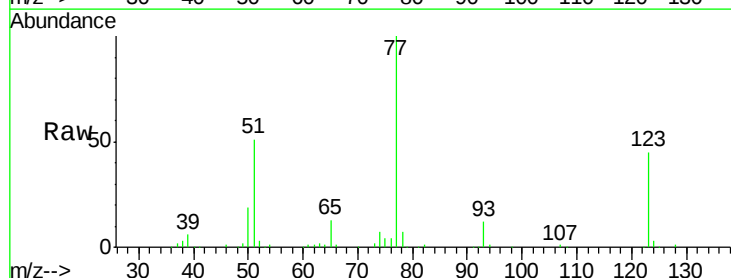


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

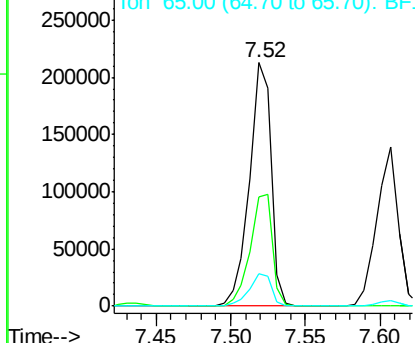
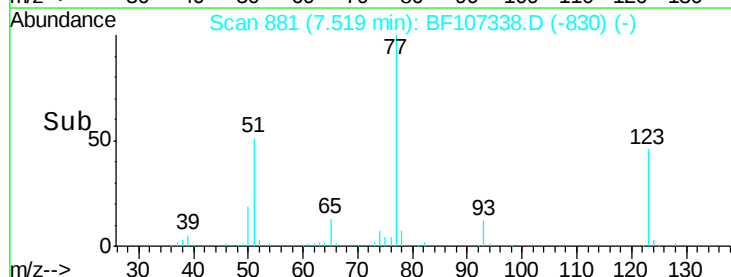


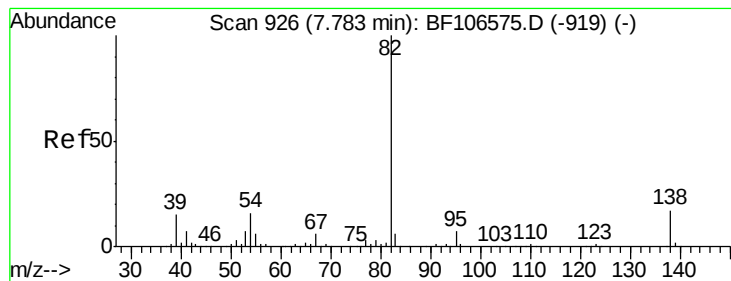
#24
 Nitrobenzene
 Concen: 38.734 ng
 RT: 7.52 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion: 77 Resp: 214326
 Ion Ratio Lower Upper
 77 100
 123 45.0 37.9 56.9
 65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 42.049 ng

RT: 7.75 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

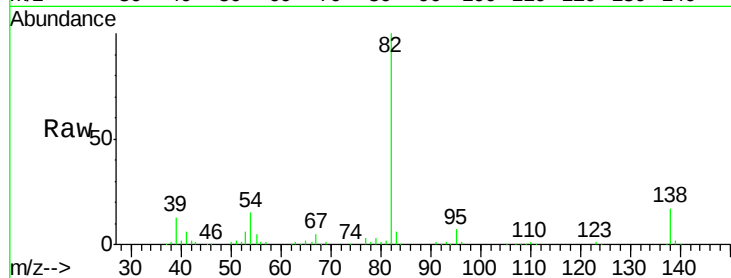
Tgt Ion: 82 Resp: 401580

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

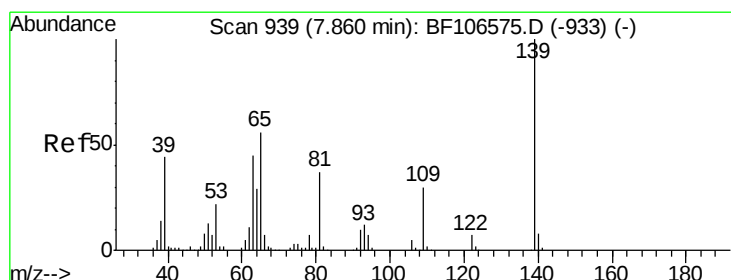
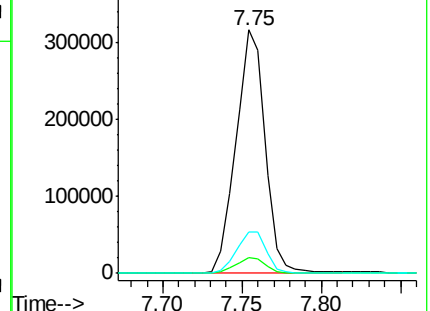
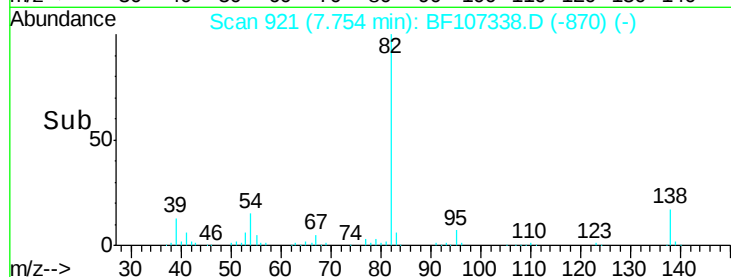
138 17.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.387 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

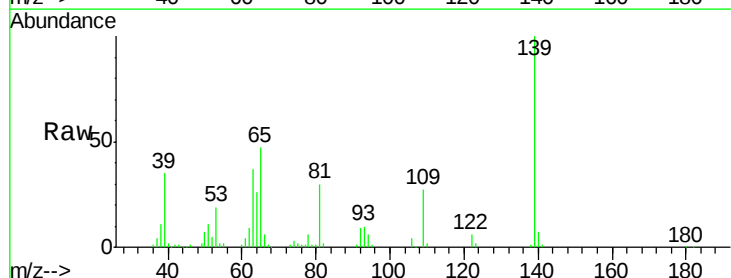
Tgt Ion: 139 Resp: 113332

Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

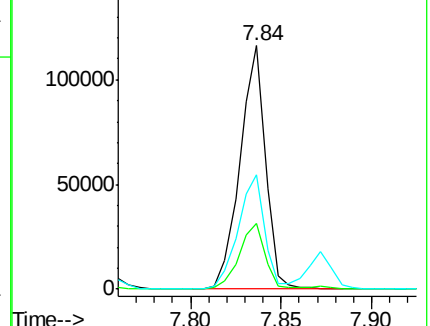
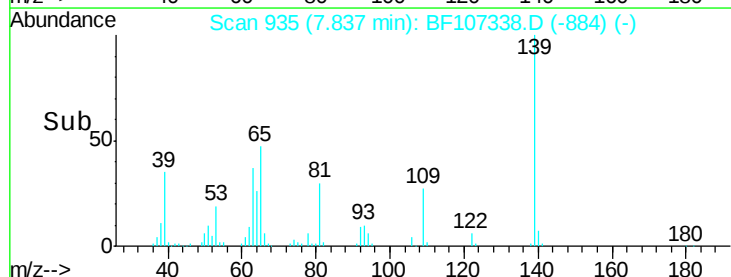
65 47.0 40.5 60.7

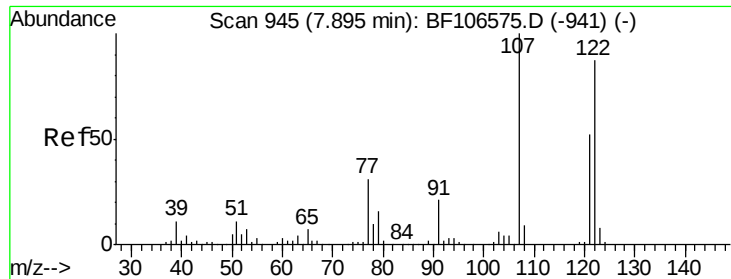


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

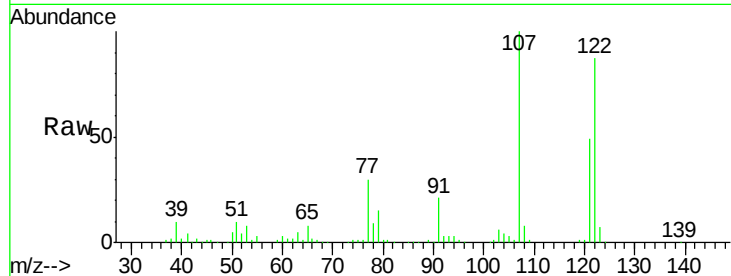




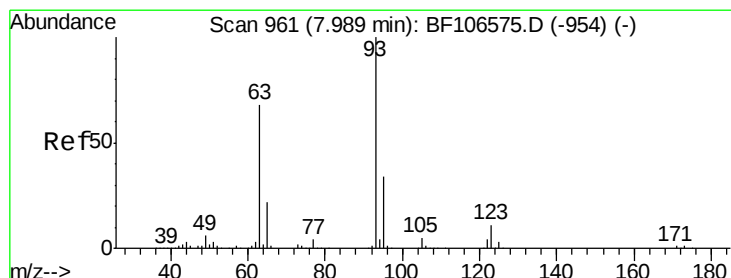
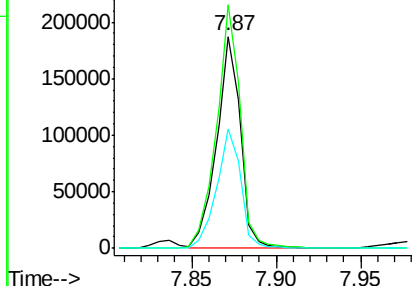
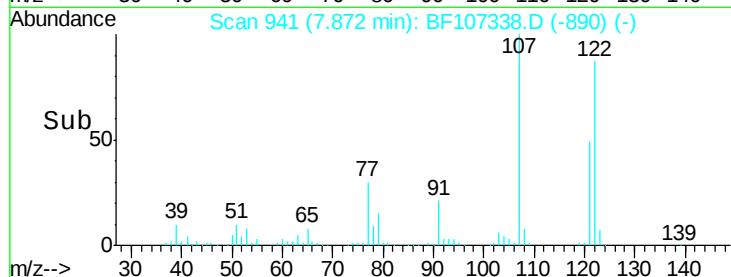
#27
 2,4-Dimethylphenol
 Concen: 45.728 ng
 RT: 7.87 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion: 122 Resp: 184624
 Ion Ratio Lower Upper
 122 100
 107 114.8 91.2 136.8
 121 56.3 47.2 70.8

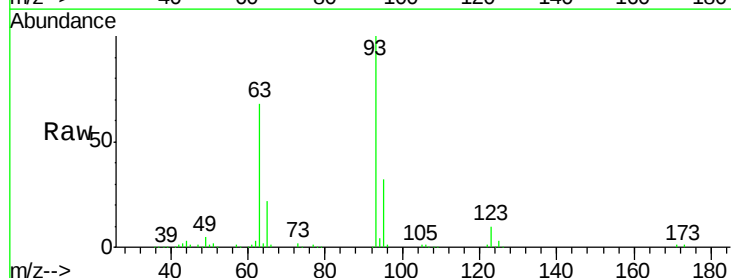


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

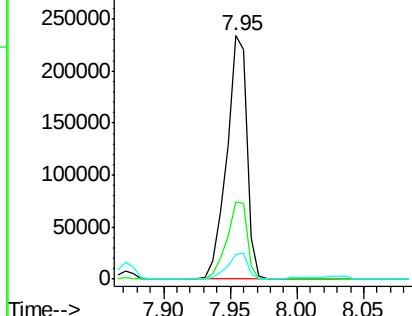
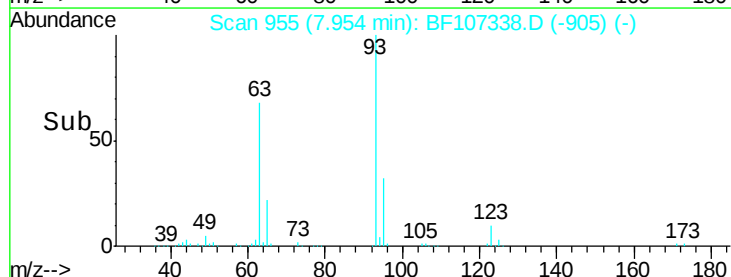


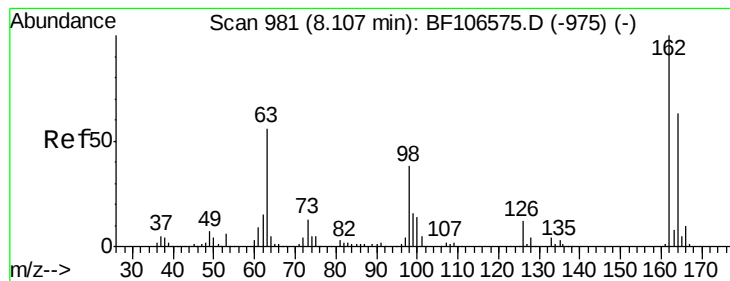
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.237 ng
 RT: 7.95 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion: 93 Resp: 251602
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.3 39.5
 123 10.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

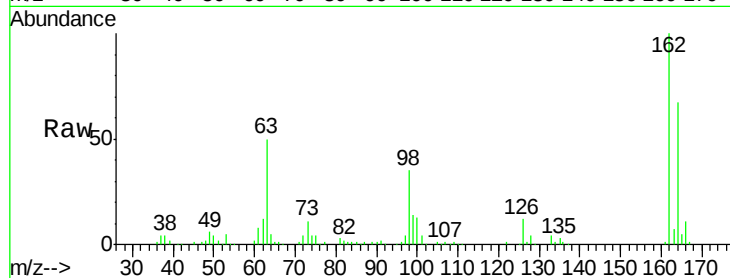




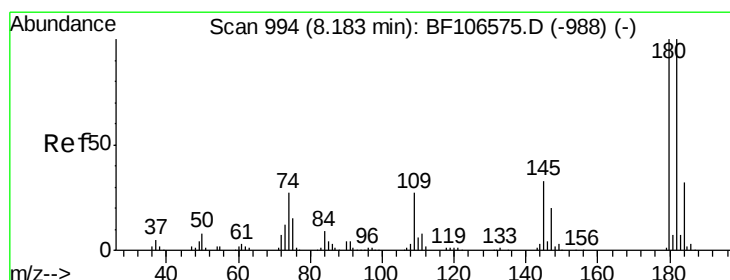
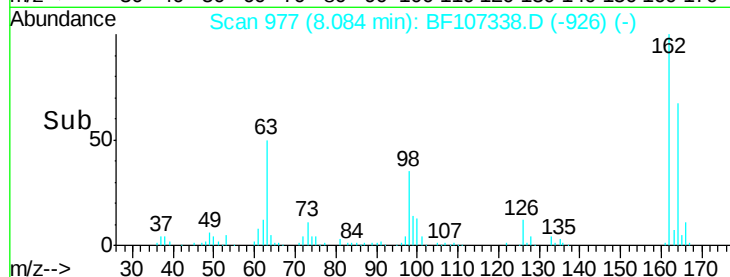
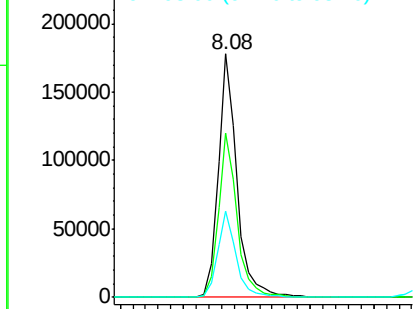
#29
 2,4-Dichlorophenol
 Concen: 43.300 ng
 RT: 8.08 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion:162 Resp: 183026
 Ion Ratio Lower Upper
 162 100
 164 67.3 42.7 82.7
 98 35.2 18.1 58.1

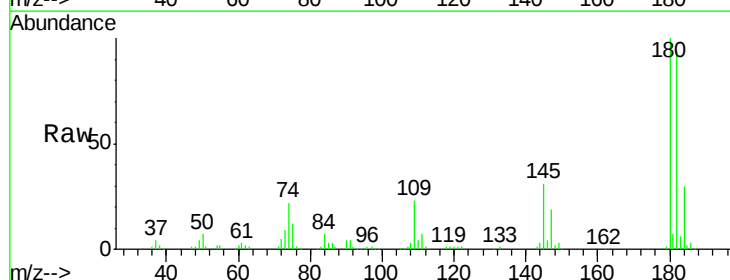


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

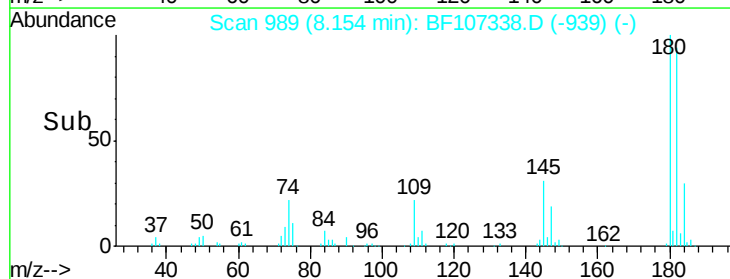
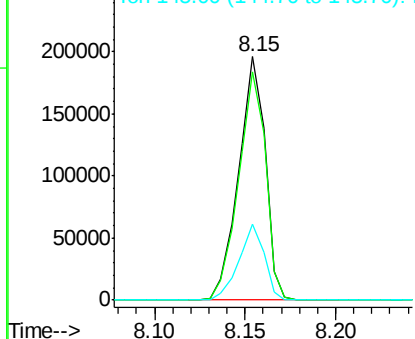


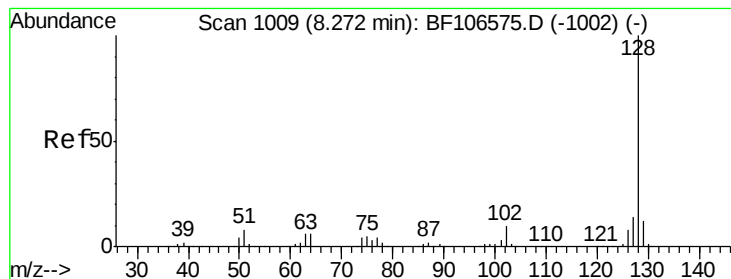
#30
 1,2,4-Trichlorobenzene
 Concen: 43.003 ng
 RT: 8.15 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:180 Resp: 200239
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.8 115.2
 145 31.0 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: 40.317 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

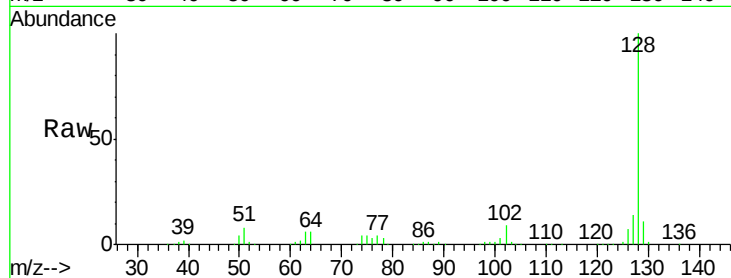
Tgt Ion:128 Resp: 567733

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

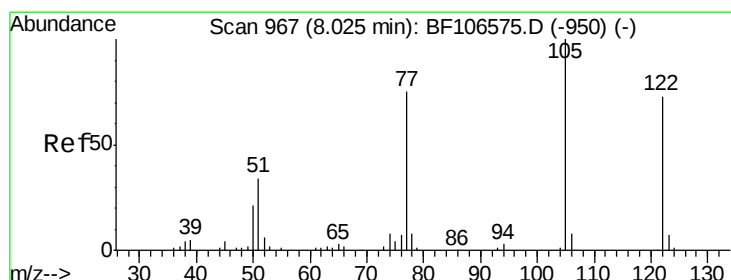
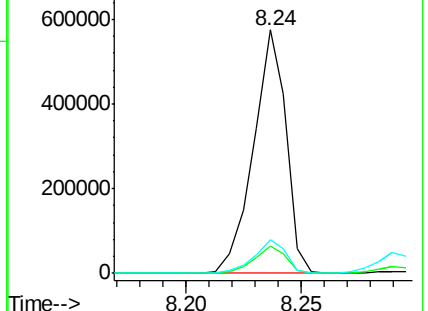
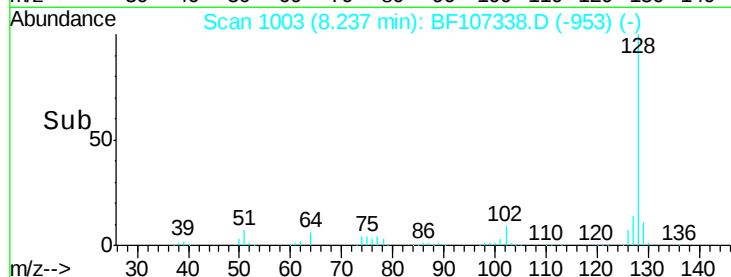
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.386 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

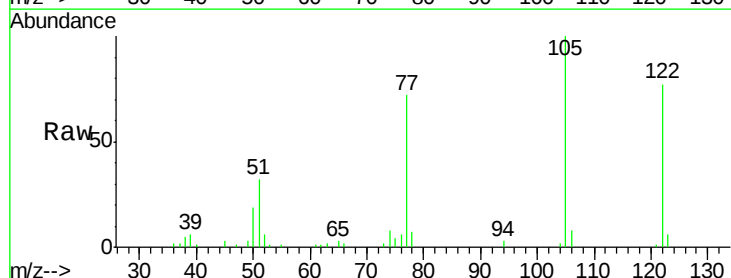
Tgt Ion:122 Resp: 85557

Ion Ratio Lower Upper

122 100

105 129.5 101.1 141.1

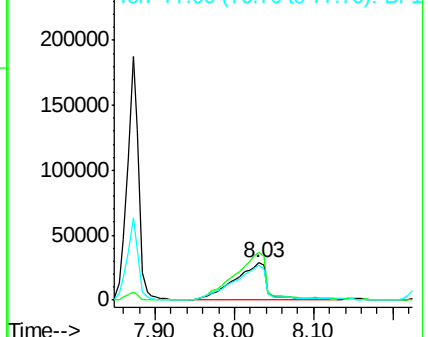
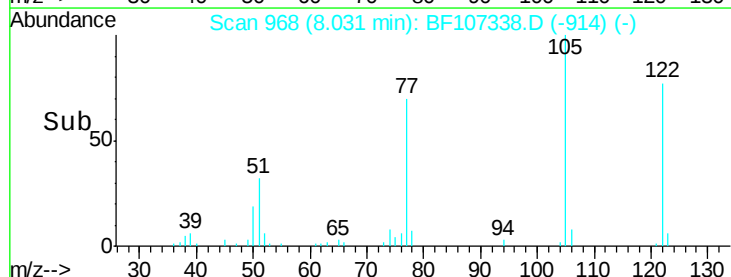
77 93.2 70.7 110.7

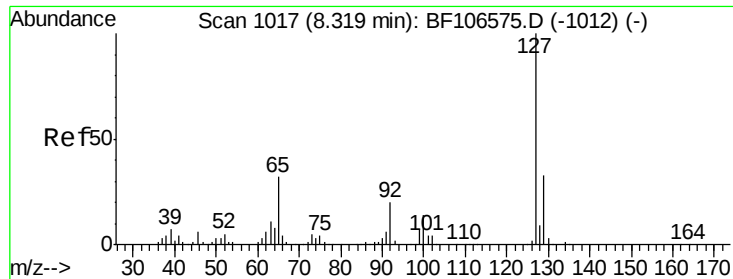


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

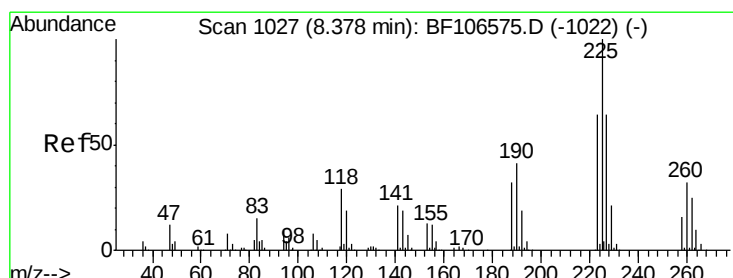
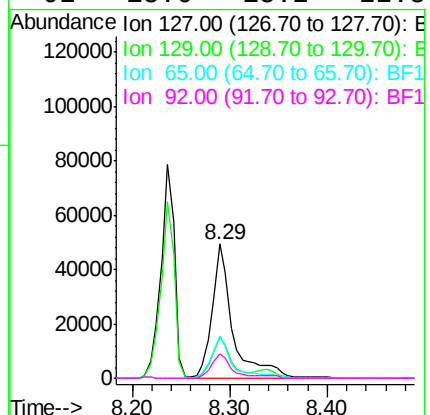
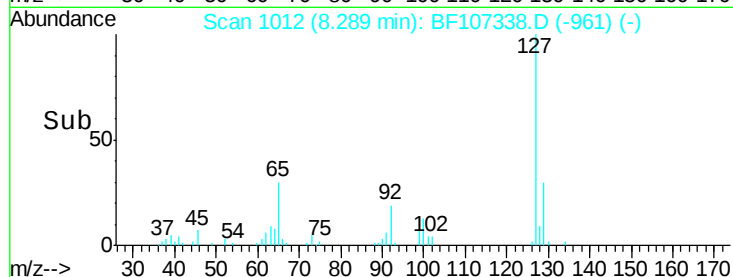
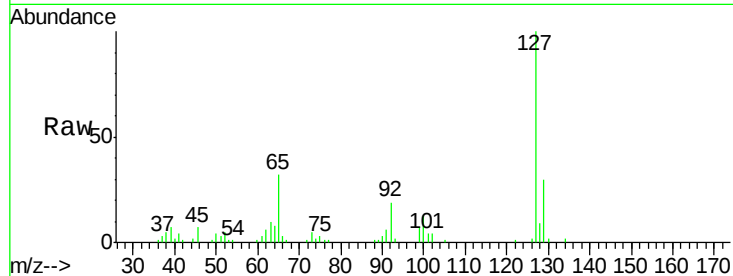




#33
4-Chloroaniline
Concen: 12.400 ng
RT: 8.29 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

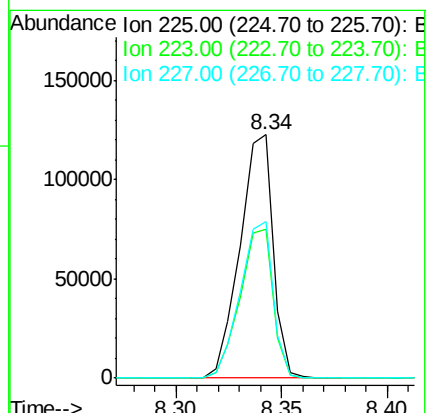
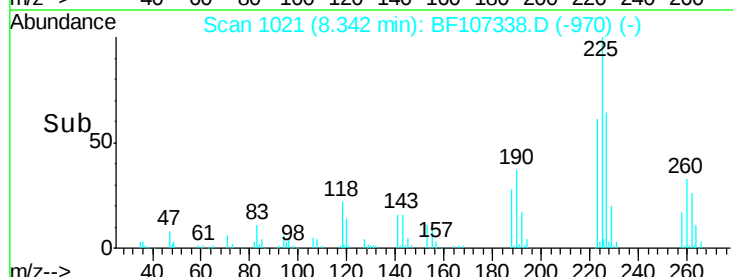
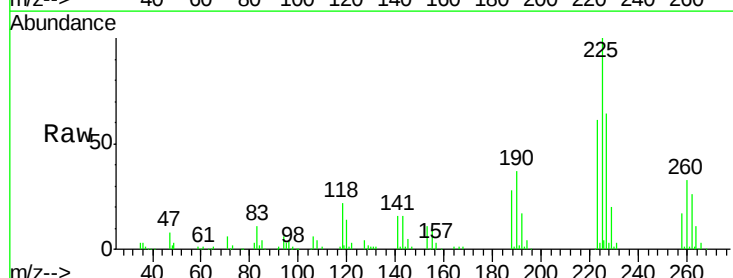
Instrument :
BNA_F
ClientSampleId :
PB110987BS

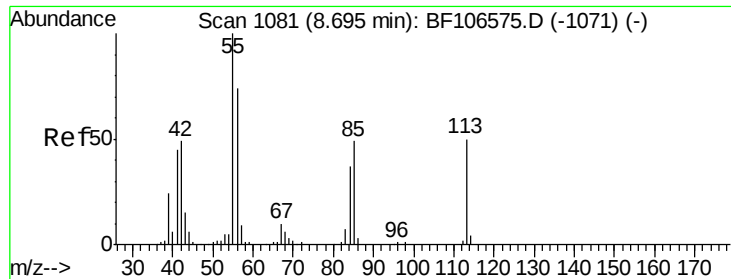
Tgt Ion:	127	Resp:	73269
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.9	38.9
65	31.6	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.899 ng
RT: 8.34 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:	225	Resp:	133194
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	76.0
227	64.2	51.9	77.9

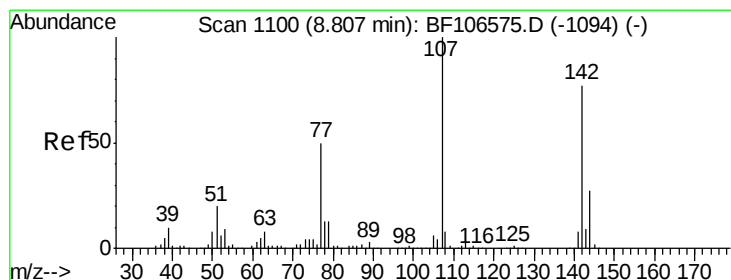
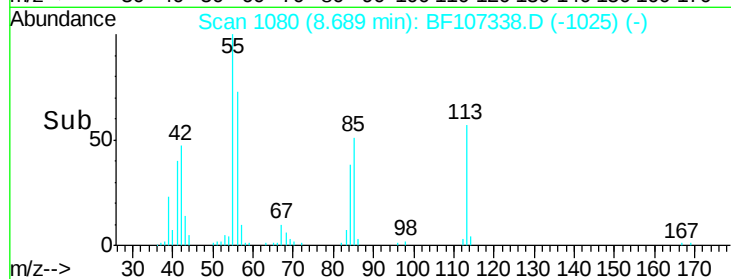
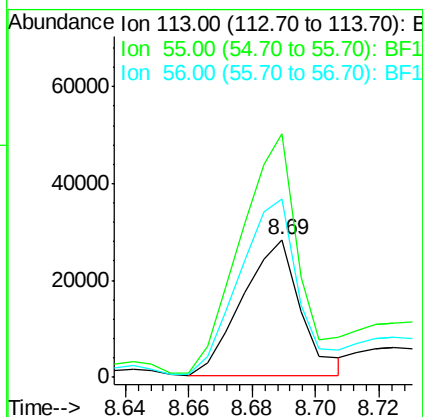
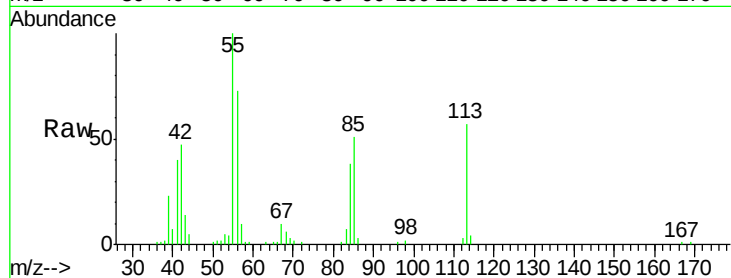




#35
 Caprolactam
 Concen: 25.958 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. 0.02 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

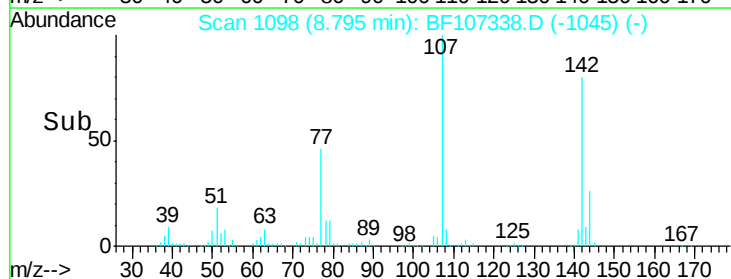
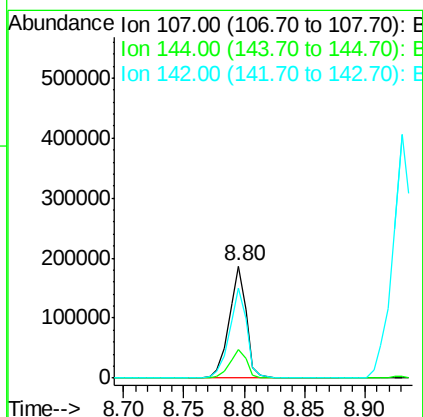
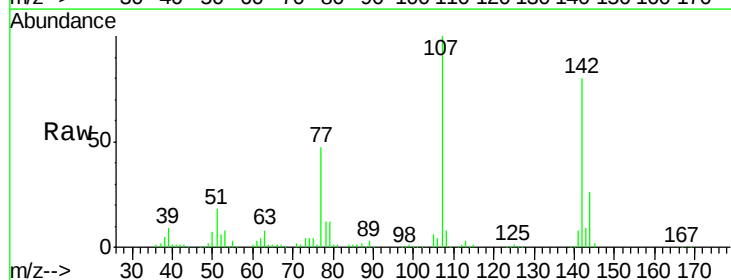
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

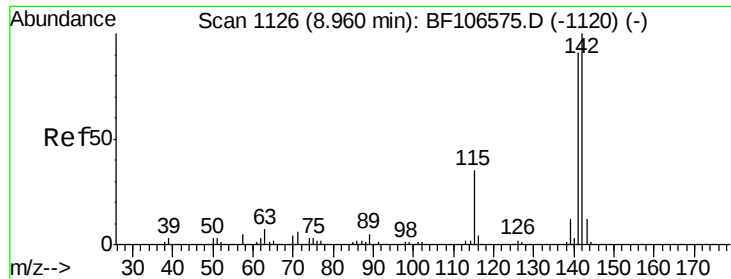
Tgt Ion:113 Resp: 35766
 Ion Ratio Lower Upper
 113 100
 55 176.8 163.3 203.3
 56 129.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.615 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:107 Resp: 185149
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.5 30.7
 142 80.1 62.0 93.0

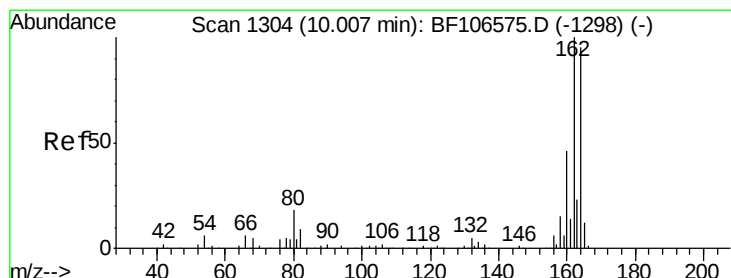
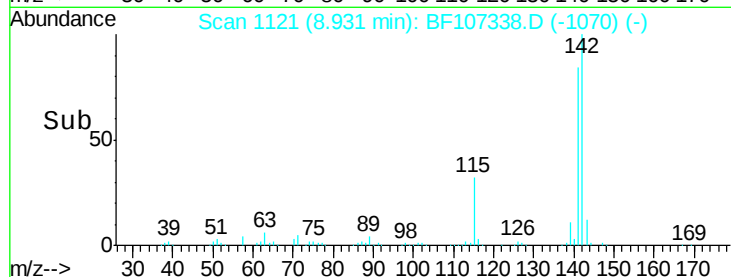
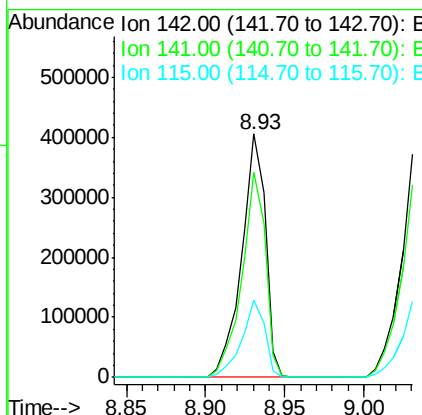
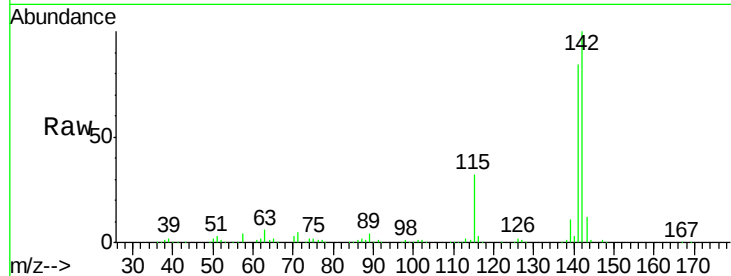




#37
 2-Methylnaphthalene
 Concen: 45.141 ng
 RT: 8.93 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

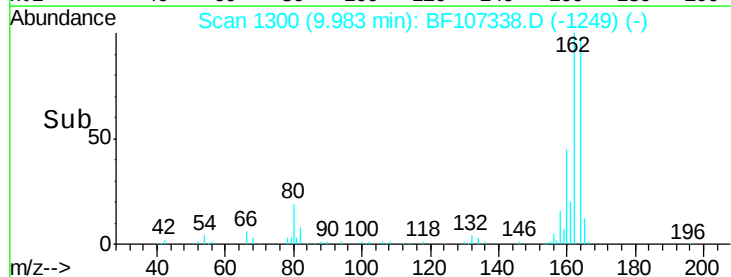
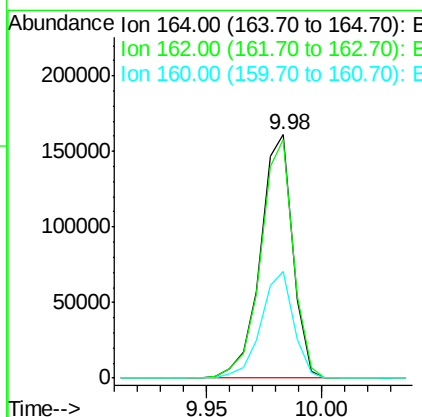
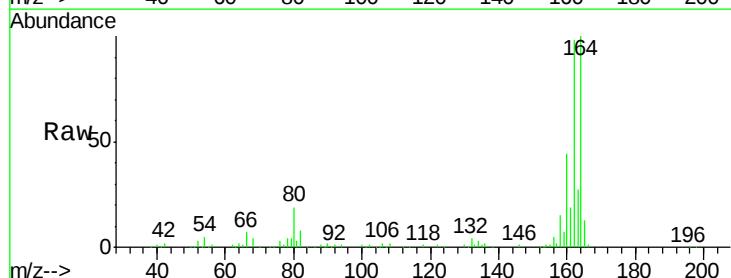
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

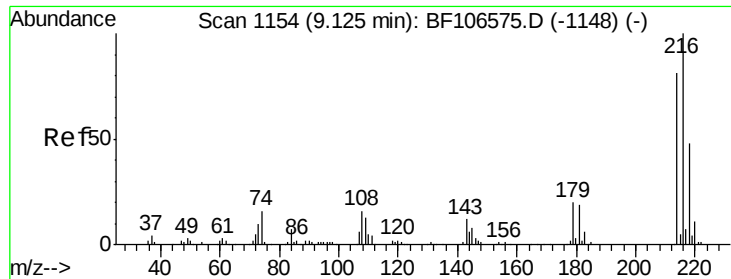
Tgt Ion:142 Resp: 421336
 Ion Ratio Lower Upper
 142 100
 141 84.2 70.8 106.2
 115 31.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:164 Resp: 157840
 Ion Ratio Lower Upper
 164 100
 162 98.1 86.1 129.1
 160 43.9 38.3 57.5

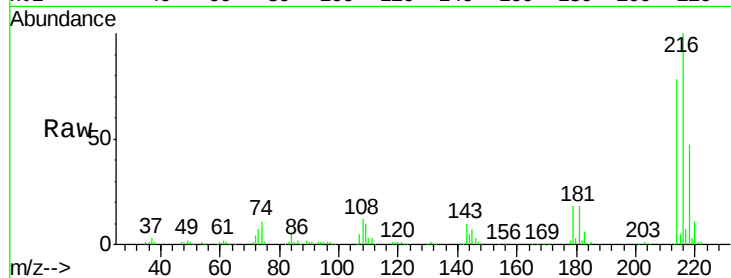




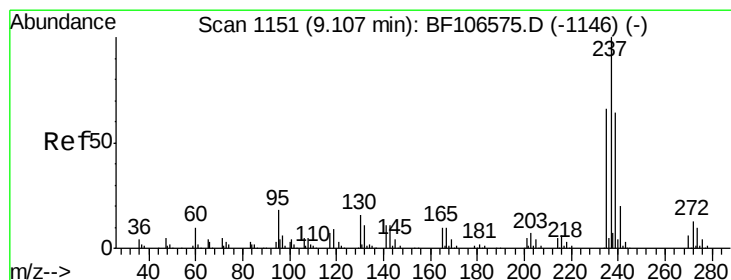
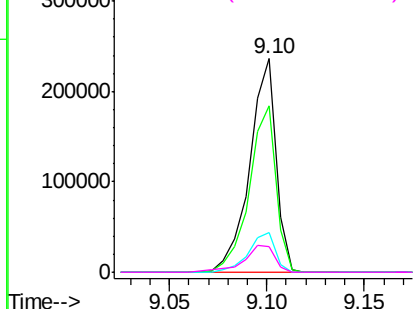
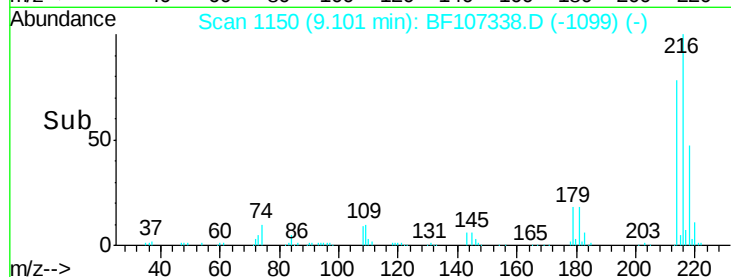
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.746 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion: 216 Resp: 221904
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.0 94.4
 179 19.0 18.1 27.1
 108 14.9 17.2 25.8#

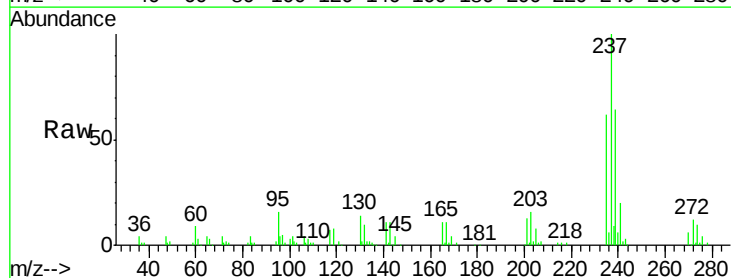


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

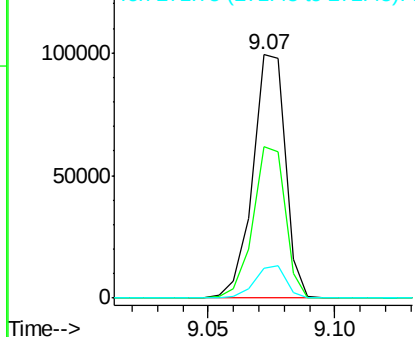
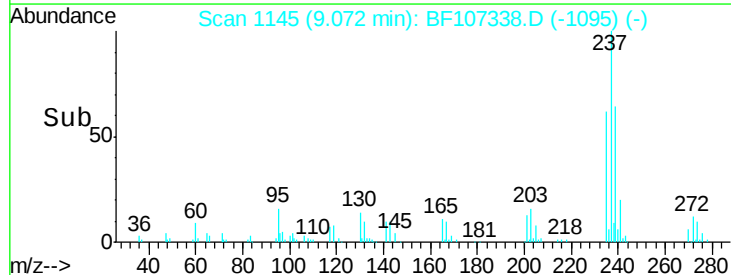


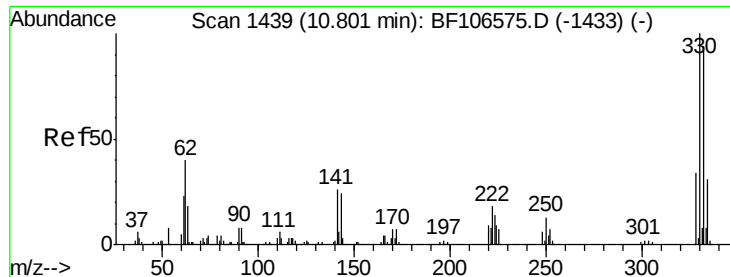
#40
 Hexachlorocyclopentadiene
 Concen: 32.802 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion: 237 Resp: 89707
 Ion Ratio Lower Upper
 237 100
 235 62.1 44.8 84.8
 272 12.5 0.0 33.3



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

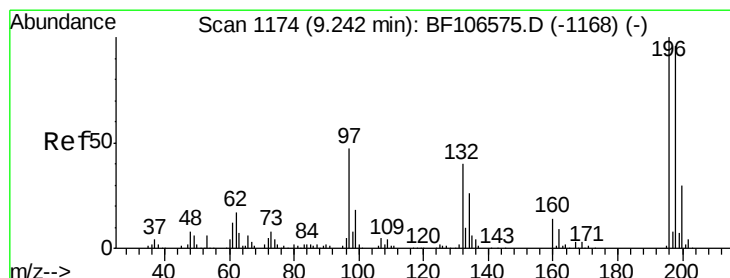
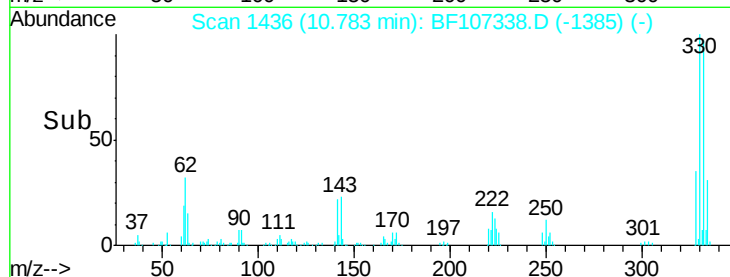
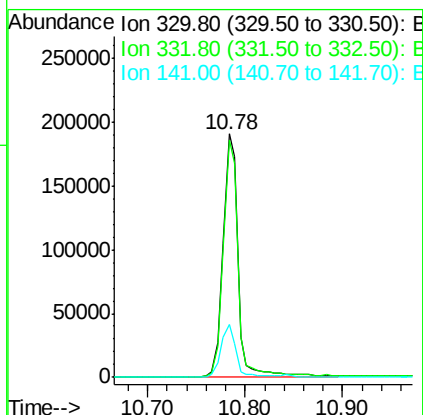
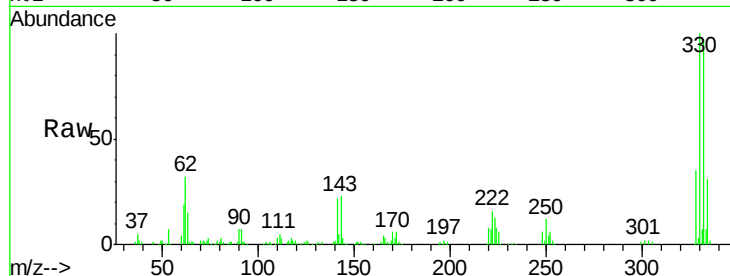




#41
 2,4,6-Tribromophenol
 Concen: 113.987 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

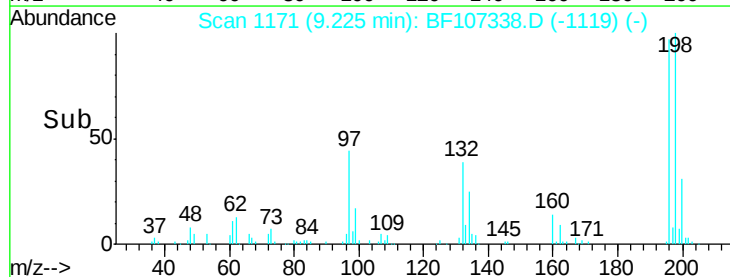
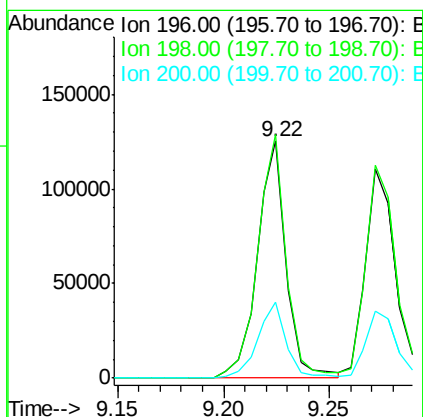
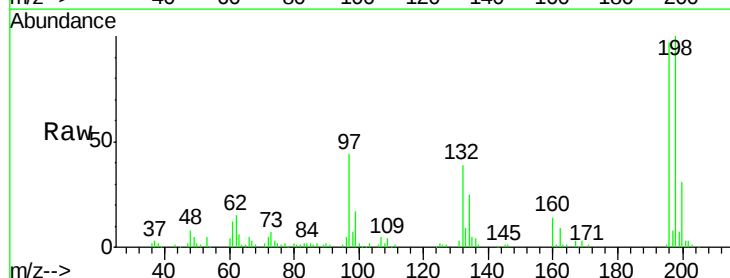
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion:330 Resp: 208528
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.0 115.6
 141 21.6 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 33.631 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:196 Resp: 118830
 Ion Ratio Lower Upper
 196 100
 198 102.7 75.7 113.5
 200 32.1 24.5 36.7

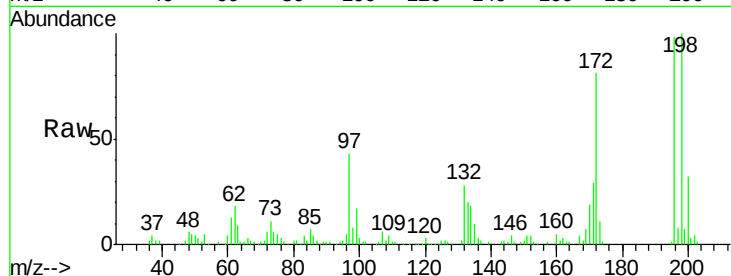




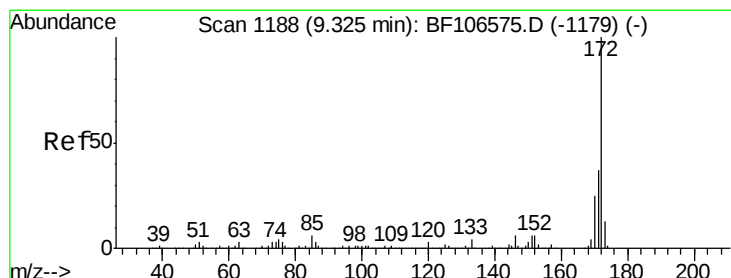
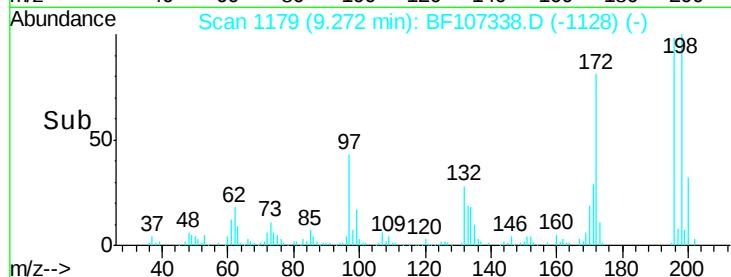
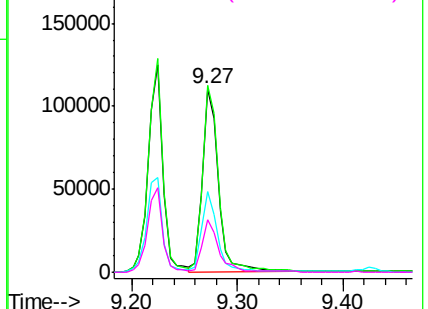
#43
 2,4,5-Trichlorophenol
 Concen: 31.388 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.8	74.6	112.0
97	44.1	42.9	64.3
132	28.5	26.3	39.5

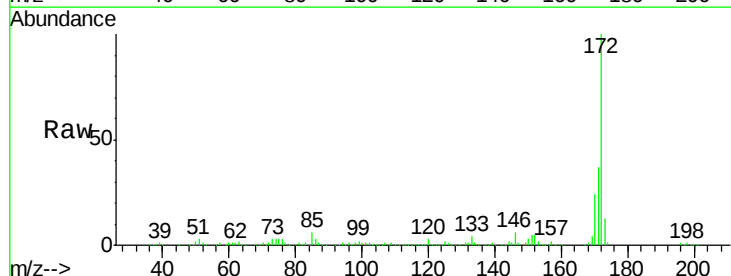


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

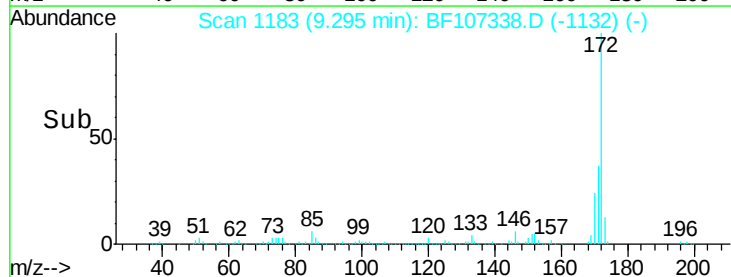
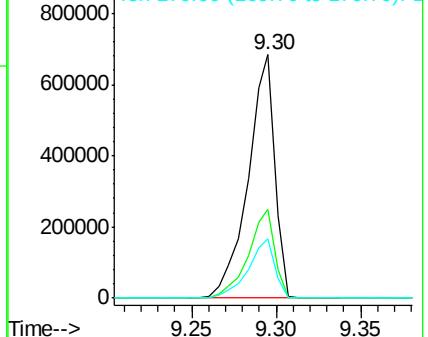


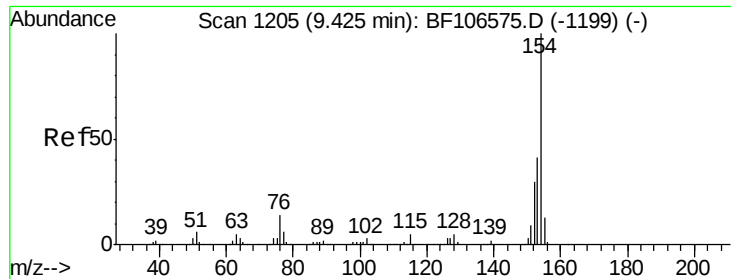
#44
 2-Fluorobiphenyl
 Concen: 80.322 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.4	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

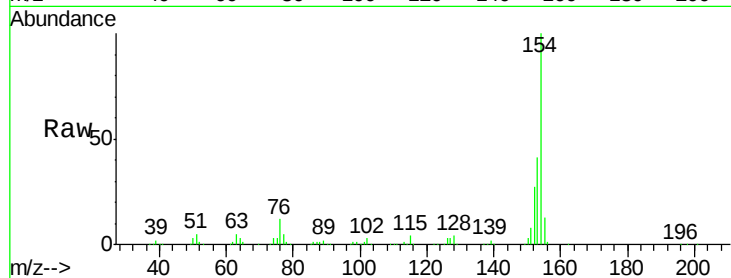




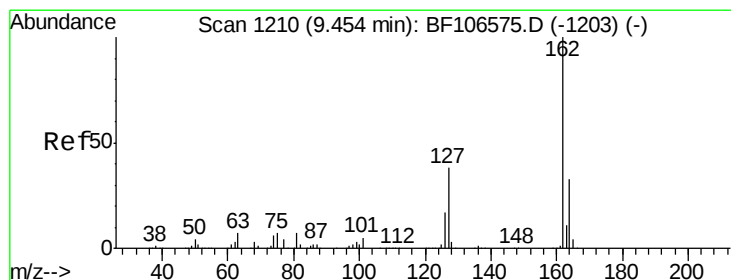
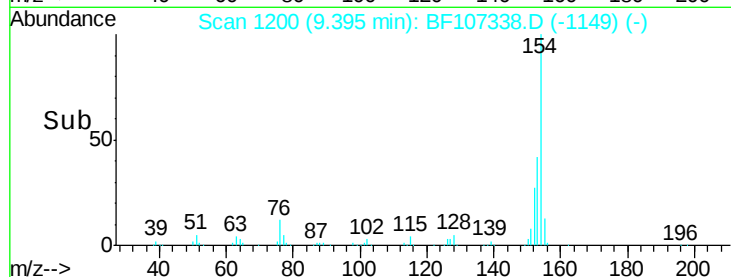
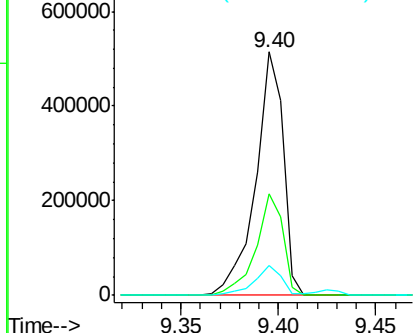
#45
 1,1'-Biphenyl
 Concen: 40.052 ng
 RT: 9.40 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion:154 Resp: 503814
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 12.3 0.0 34.0

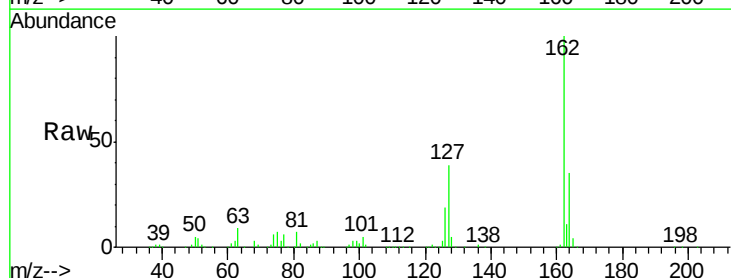


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

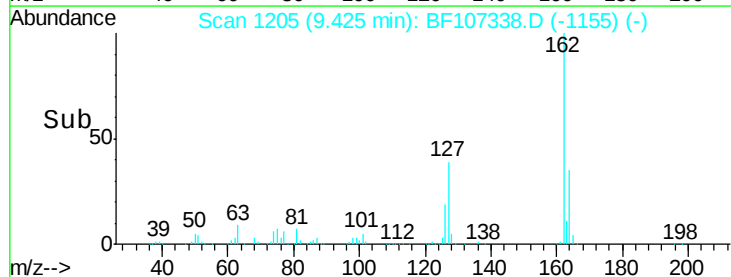
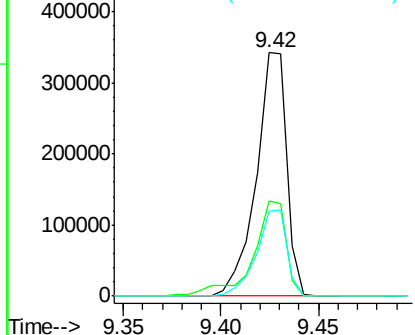


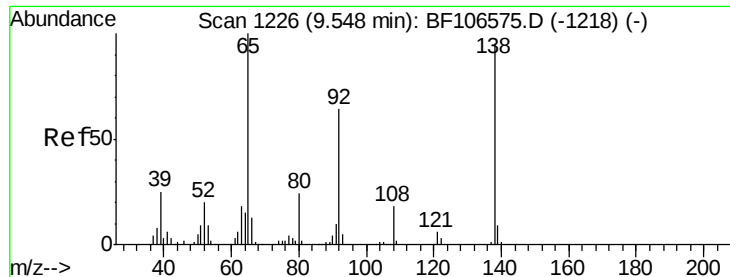
#46
 2-Chloronaphthalene
 Concen: 37.523 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:162 Resp: 371538
 Ion Ratio Lower Upper
 162 100
 127 38.8 33.9 50.9
 164 35.0 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

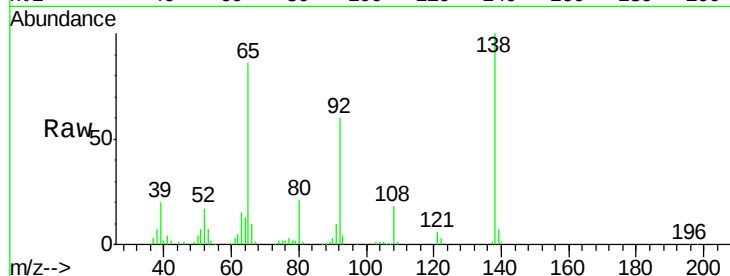




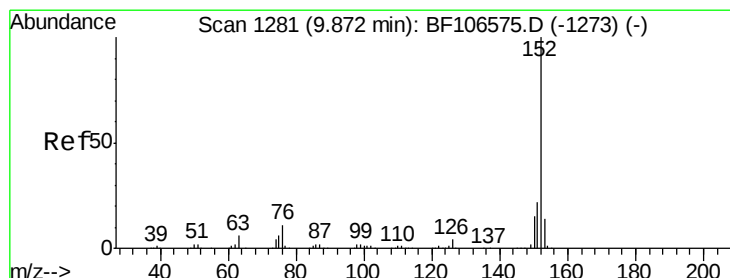
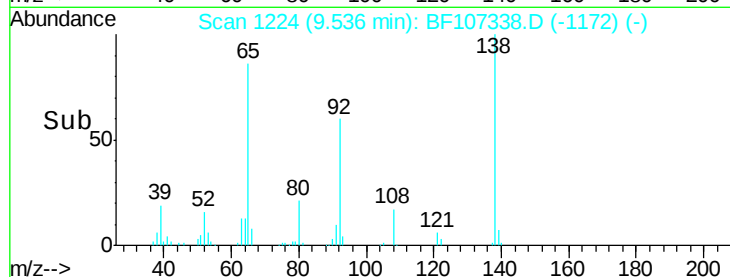
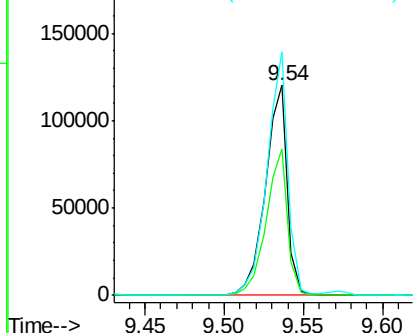
#47
2-Nitroaniline
Concen: 34.827 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tgt Ion: 65 Resp: 115960
Ion Ratio Lower Upper
65 100
92 69.8 55.8 83.6
138 116.1 91.2 136.8

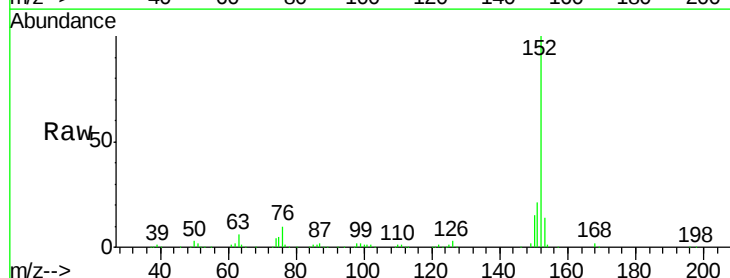


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

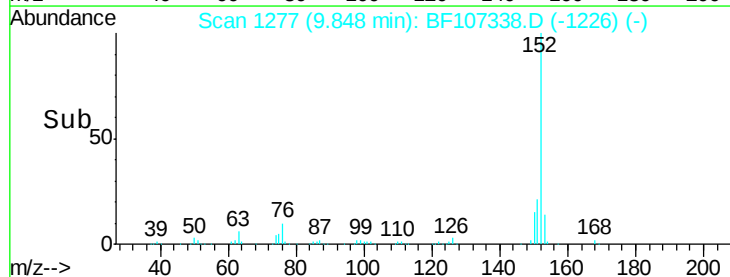
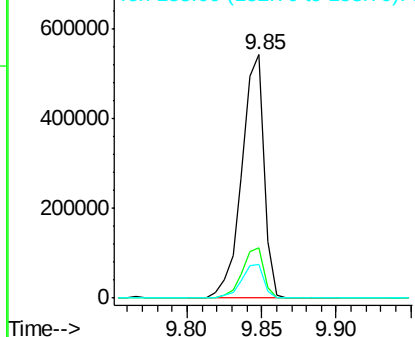


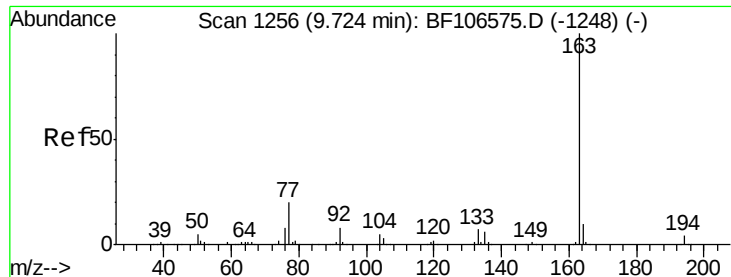
#48
Acenaphthylene
Concen: 35.869 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion: 152 Resp: 560718
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.9 10.7 16.1



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

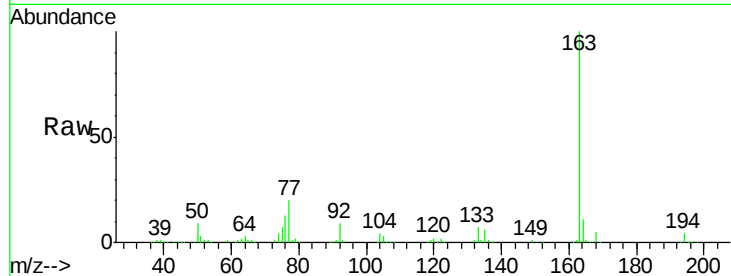




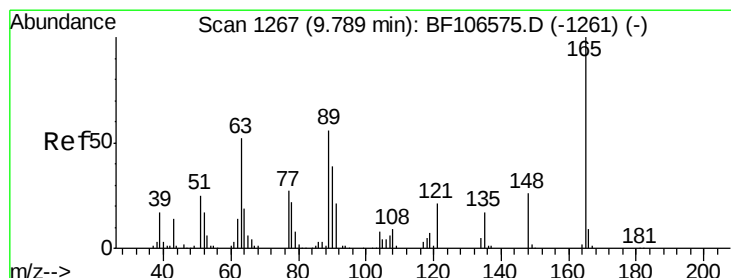
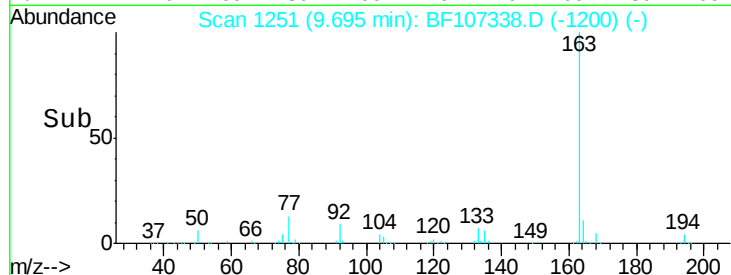
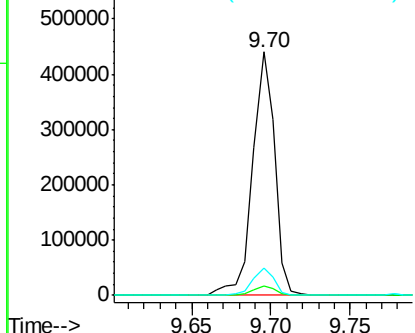
#49
Dimethylphthalate
Concen: 35.954 ng
RT: 9.70 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tgt Ion:163 Resp: 425629
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.2 8.2 12.2

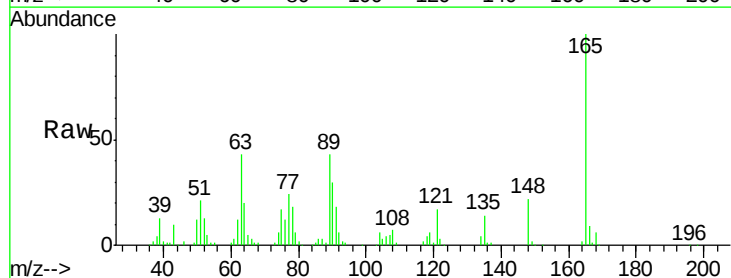


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

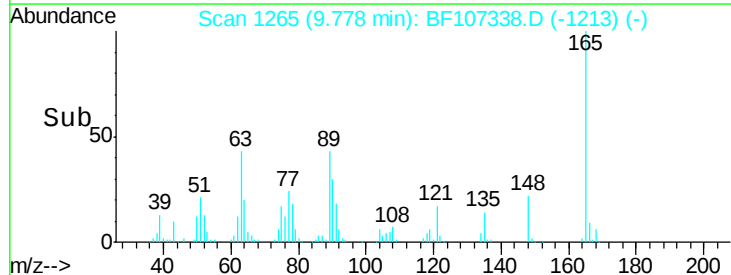
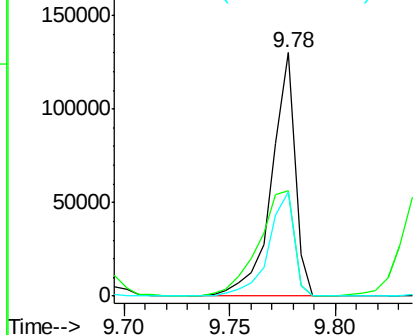


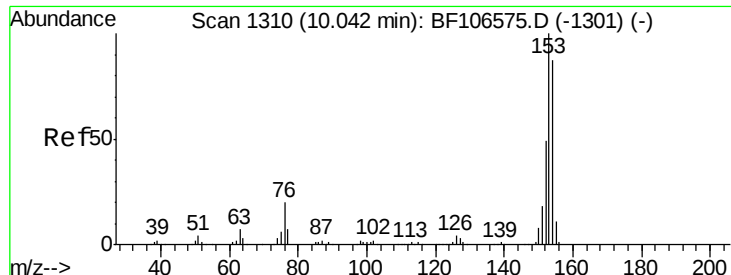
#50
2,6-Dinitrotoluene
Concen: 40.274 ng
RT: 9.78 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:165 Resp: 100958
Ion Ratio Lower Upper
165 100
63 43.2 44.7 67.1#
89 42.7 44.0 66.0#



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





#51

Acenaphthene

Concen: 35.477 ng

RT: 10.02 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

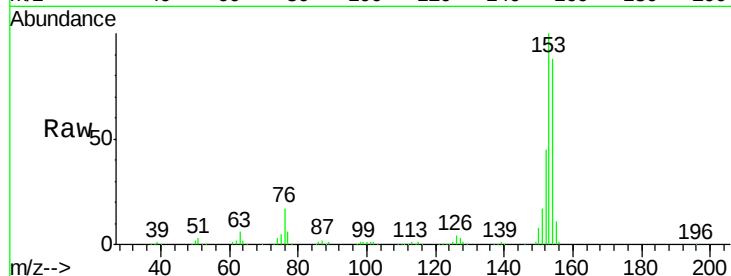
Tgt Ion:154 Resp: 349239

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

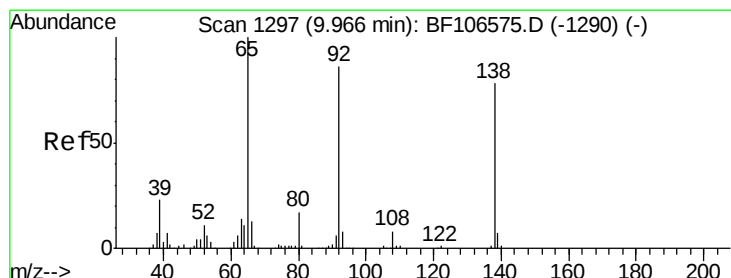
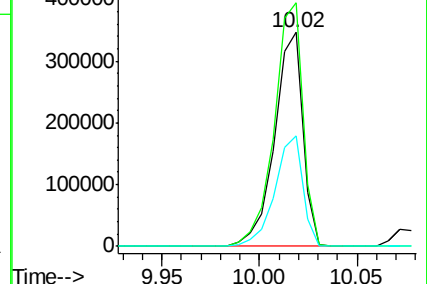
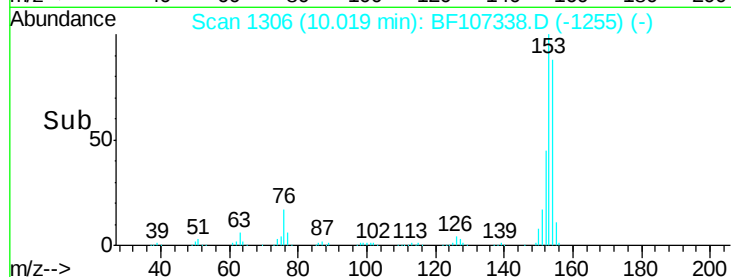
152 51.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.215 ng

RT: 9.95 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

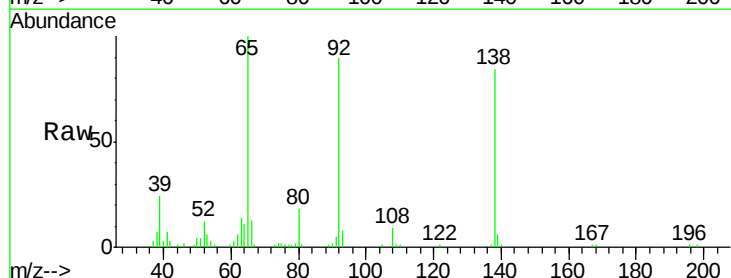
Tgt Ion:138 Resp: 46773

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

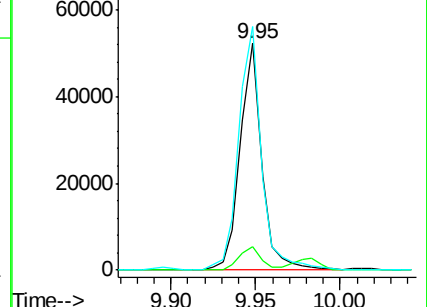
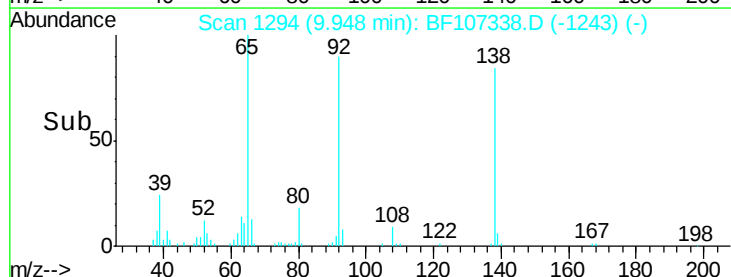
92 107.5 89.4 134.2



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

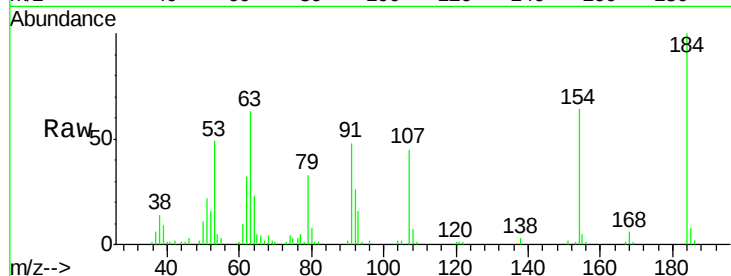




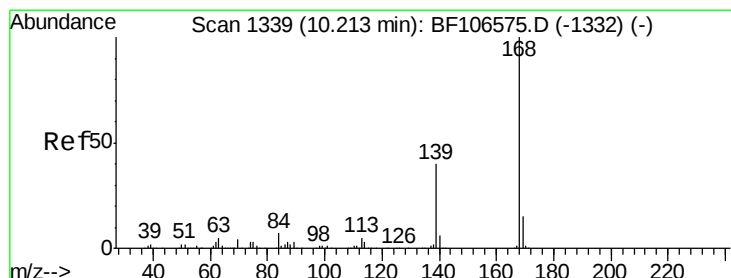
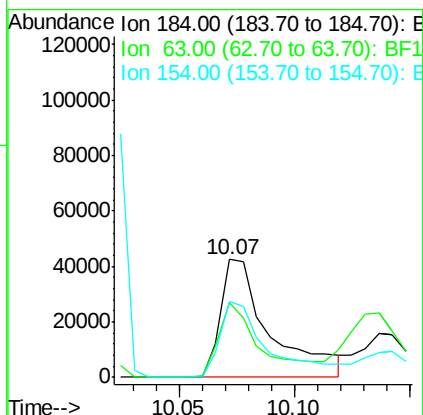
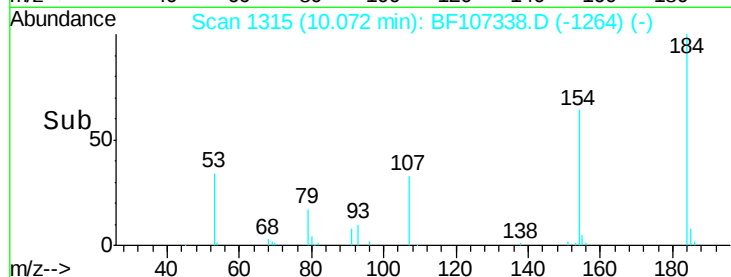
#53
2,4-Dinitrophenol
Concen: 50.465 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tgt Ion:184 Resp: 63013
Ion Ratio Lower Upper
184 100
63 62.9 54.2 81.2
154 63.8 184.0 276.0#

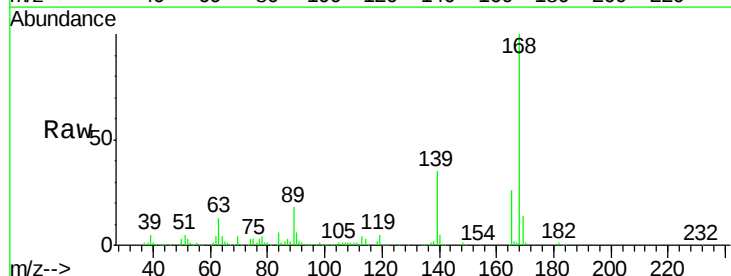


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

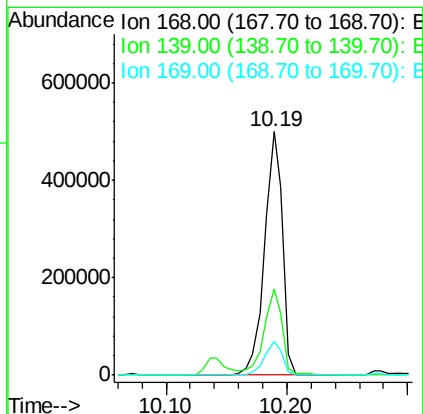
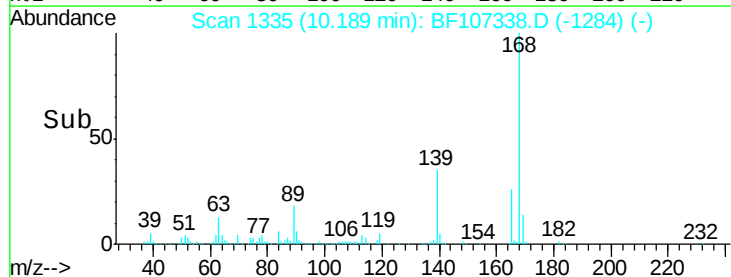


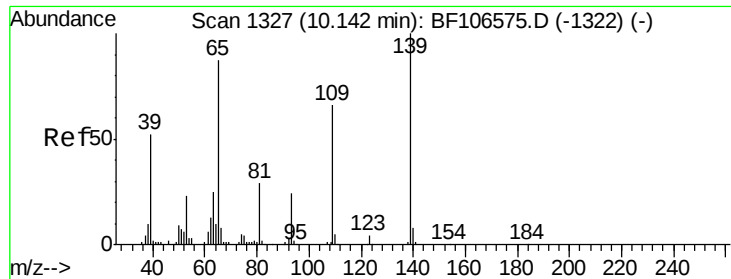
#54
Dibenzofuran
Concen: 38.025 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:168 Resp: 512561
Ion Ratio Lower Upper
168 100
139 35.3 30.1 45.1
169 13.6 10.9 16.3



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

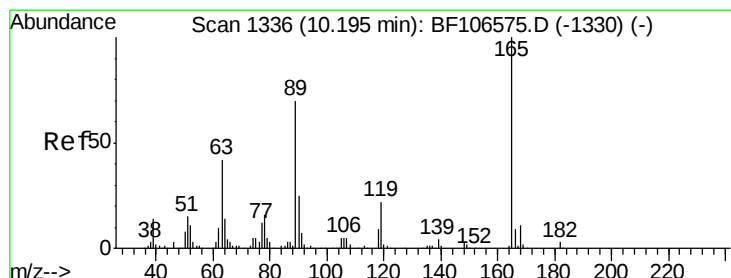
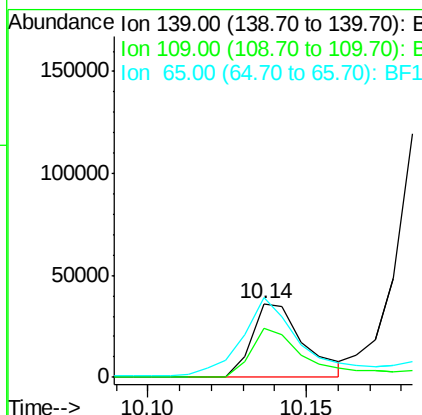
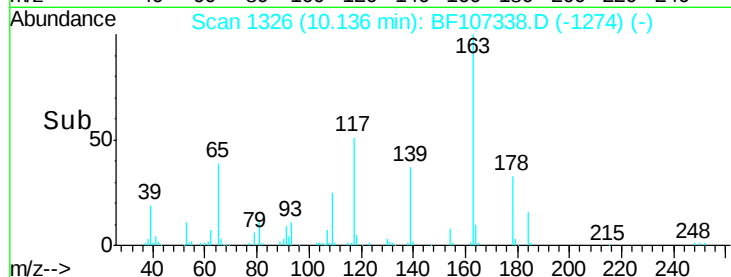
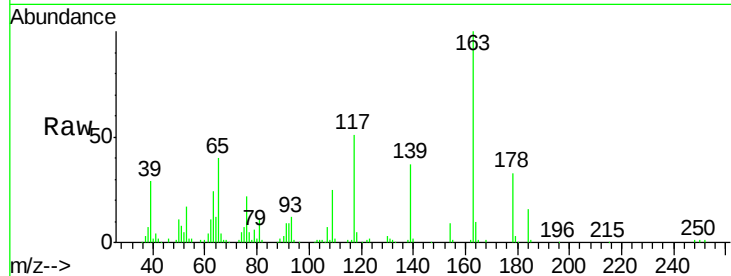




#55
4-Nitrophenol
Concen: 20.525 ng
RT: 10.14 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

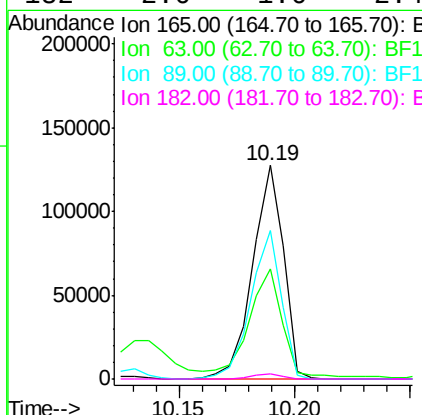
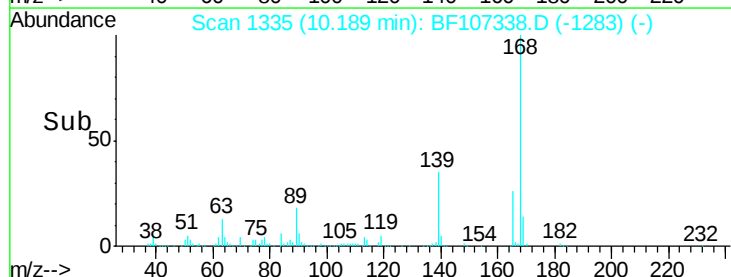
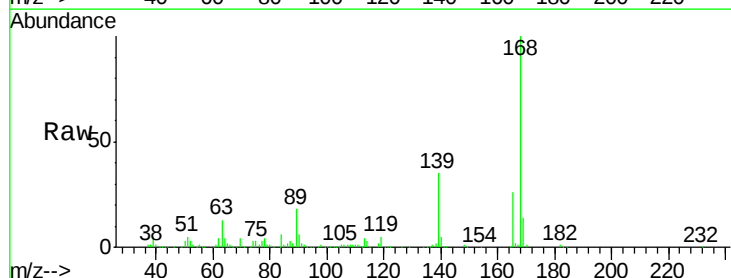
Instrument :
BNA_F
ClientSampleId :
PB110987BS

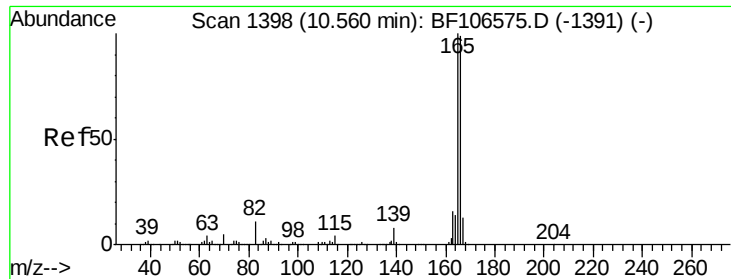
Tgt Ion:139 Resp: 41327
Ion Ratio Lower Upper
139 100
109 67.6 48.4 88.4
65 109.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 36.522 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:165 Resp: 119503
Ion Ratio Lower Upper
165 100
63 51.7 36.4 54.6
89 69.6 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 39.431 ng

RT: 10.54 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

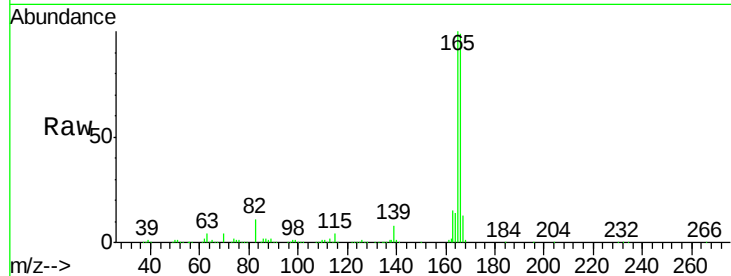
Tgt Ion:166 Resp: 421765

Ion Ratio Lower Upper

166 100

165 101.4 79.8 119.8

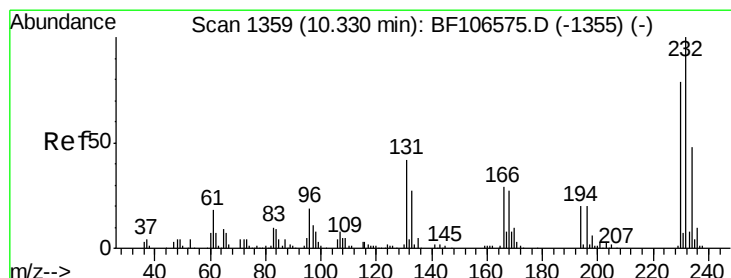
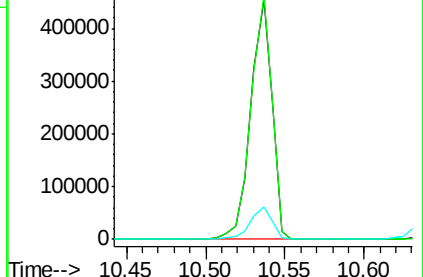
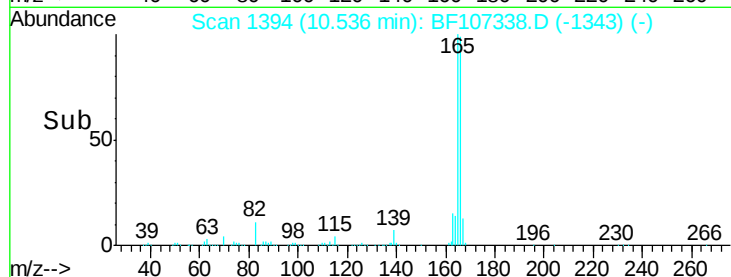
167 13.4 10.6 16.0



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: 30.164 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Tgt Ion:232 Resp: 88405

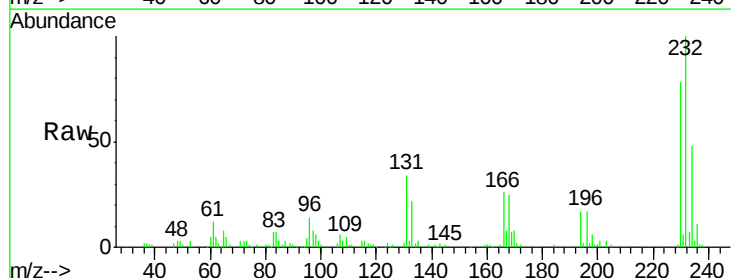
Ion Ratio Lower Upper

232 100

131 34.3 43.8 65.8#

130 1.6 2.1 3.1#

166 23.2 27.8 41.6#

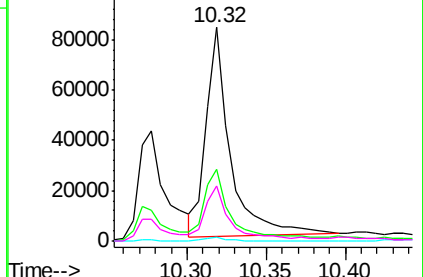
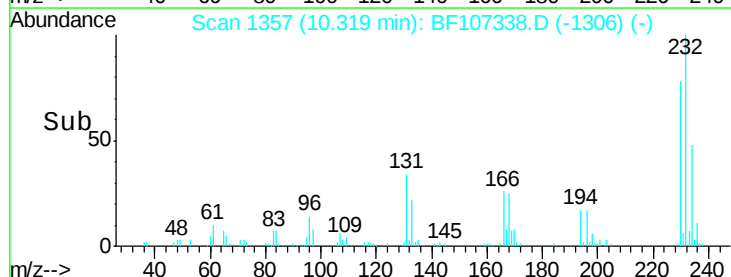


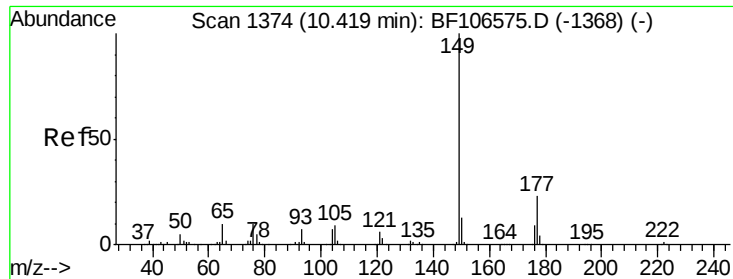
Abundance Ion 232.00 (231.70 to 232.70): E

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

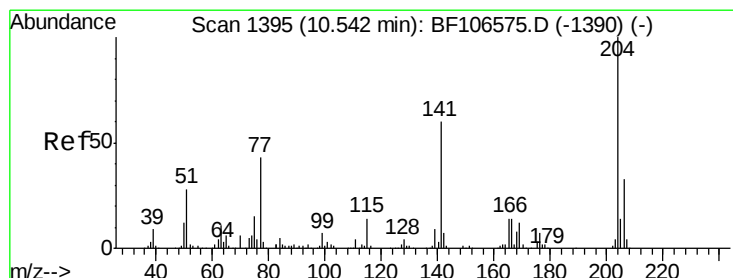
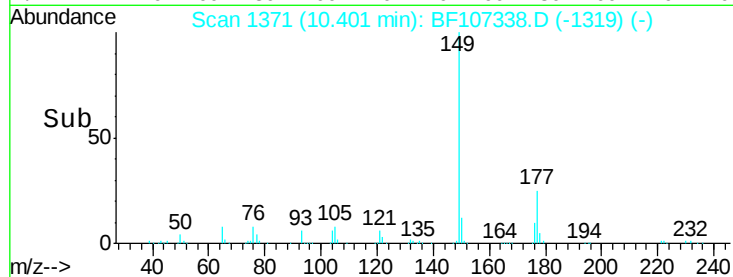
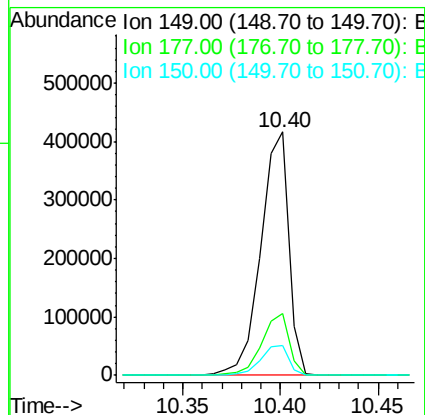
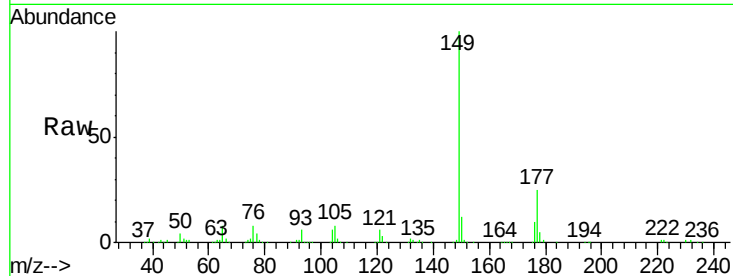




#59
Diethylphthalate
Concen: 36.248 ng
RT: 10.40 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

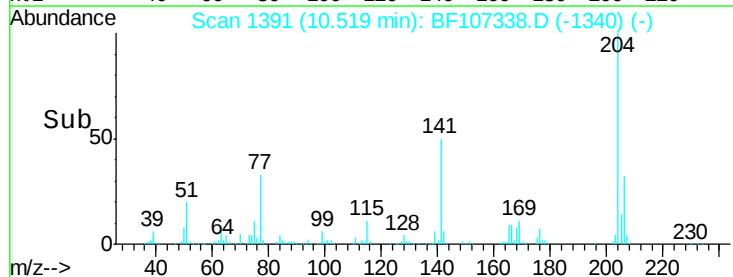
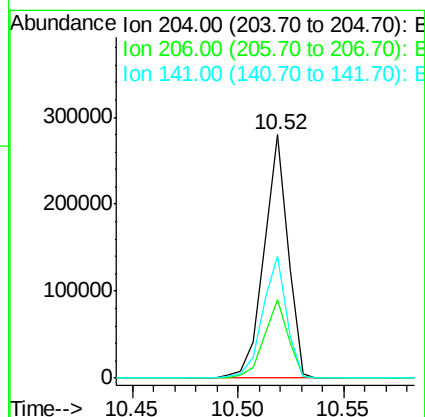
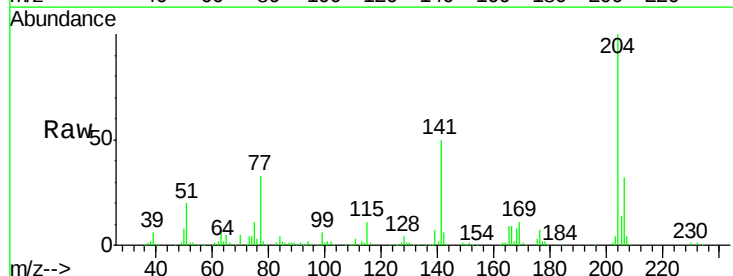
Instrument :
BNA_F
ClientSampled :
PB110987BS

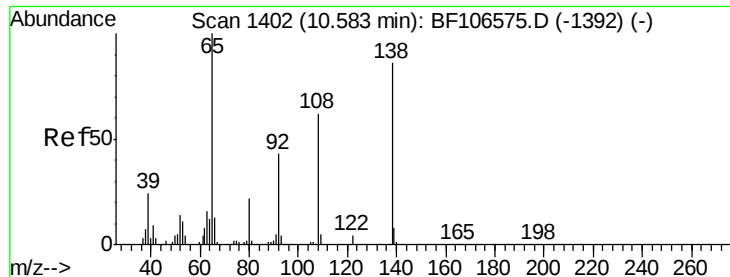
Tgt Ion:149 Resp: 414170
Ion Ratio Lower Upper
149 100
177 25.2 16.1 24.1#
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 39.743 ng
RT: 10.52 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:204 Resp: 222426
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 50.4 54.6 81.8#

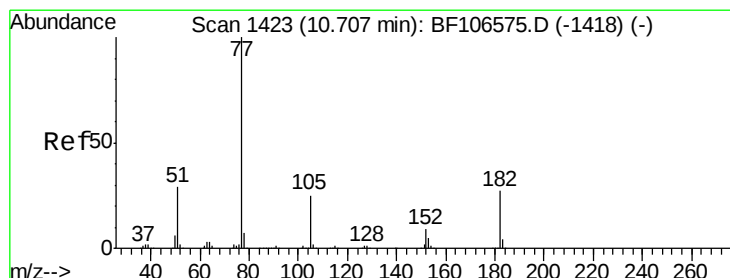
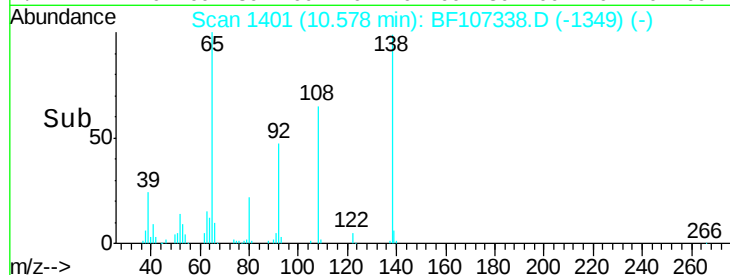
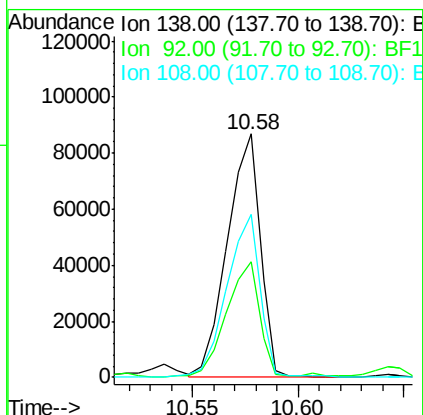
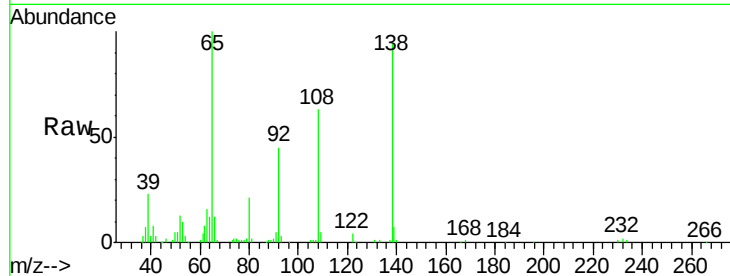




#61
4-Nitroaniline
Concen: 32.836 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

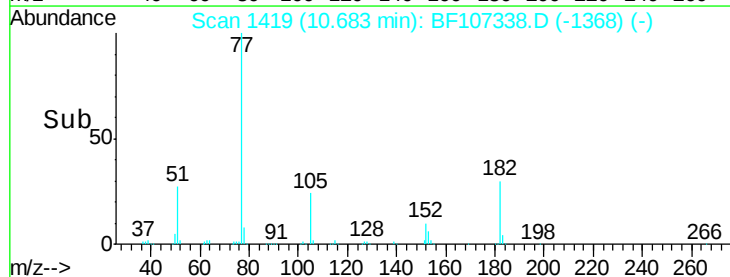
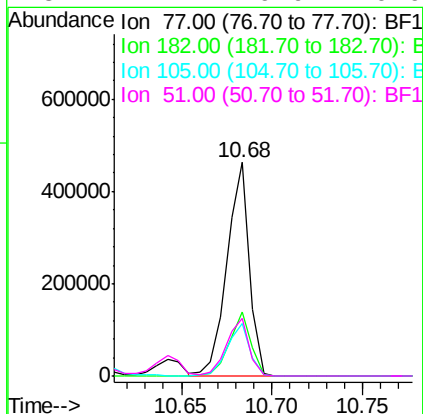
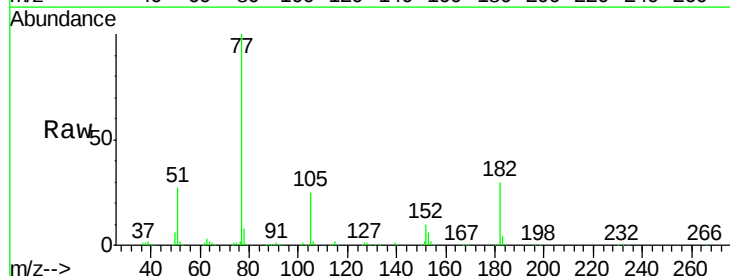
Instrument :
BNA_F
ClientSampleId :
PB110987BS

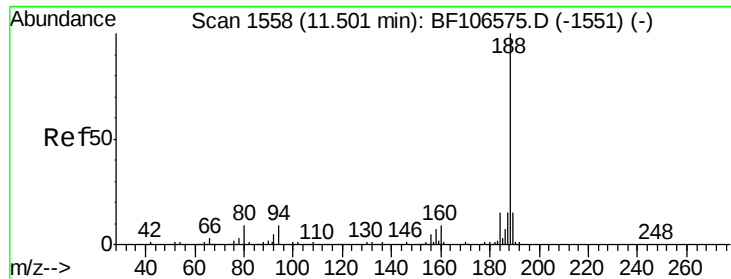
Tgt Ion:138 Resp: 94004
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 35.371 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion: 77 Resp: 397985
Ion Ratio Lower Upper
77 100
182 30.2 1.7 41.7
105 24.8 3.0 43.0
51 27.2 9.9 49.9

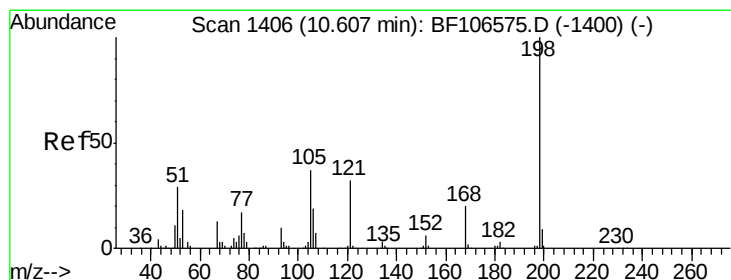
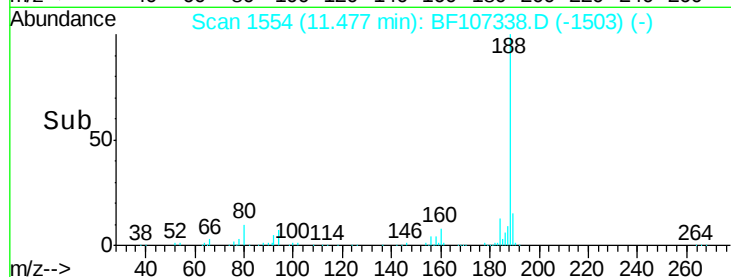
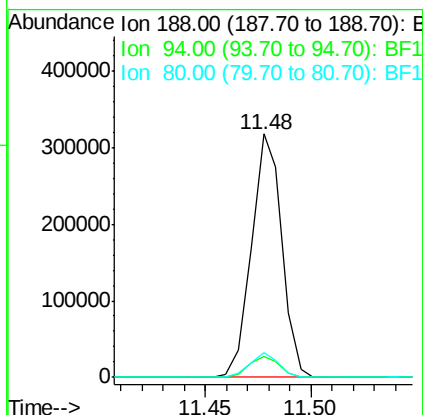
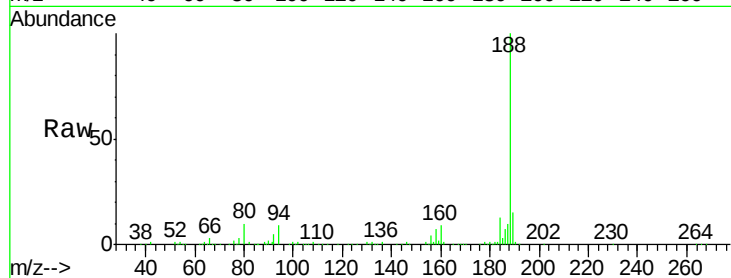




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

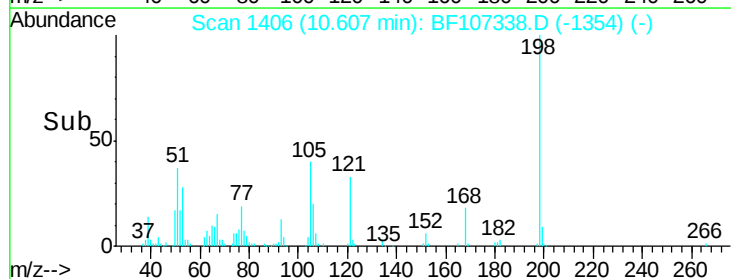
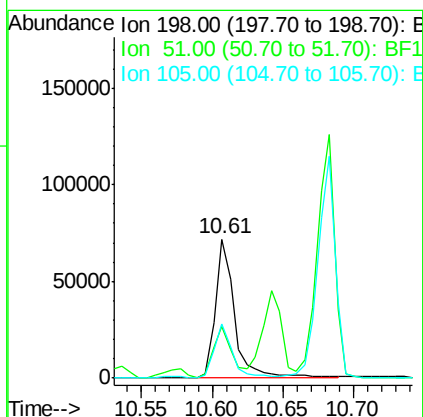
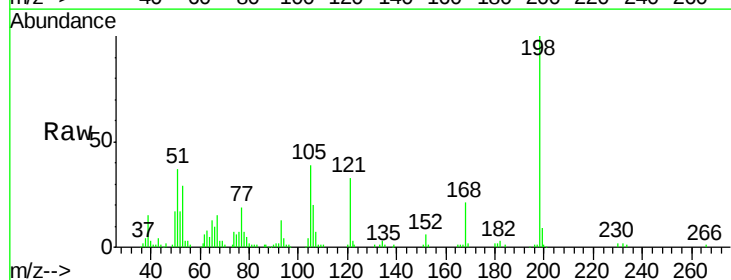
Instrument :
BNA_F
ClientSampleId :
PB110987BS

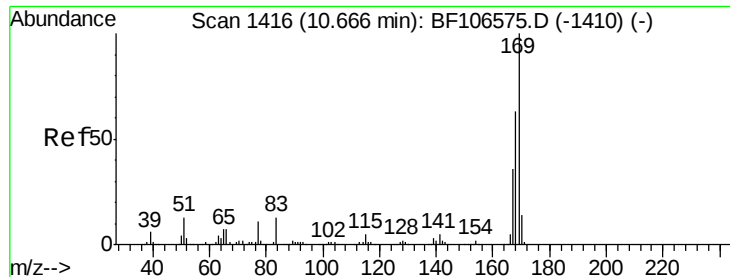
Tgt Ion:188 Resp: 316798
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.300 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:198 Resp: 69126
Ion Ratio Lower Upper
198 100
51 37.3 37.7 77.7#
105 39.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 34.813 ng

RT: 10.64 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

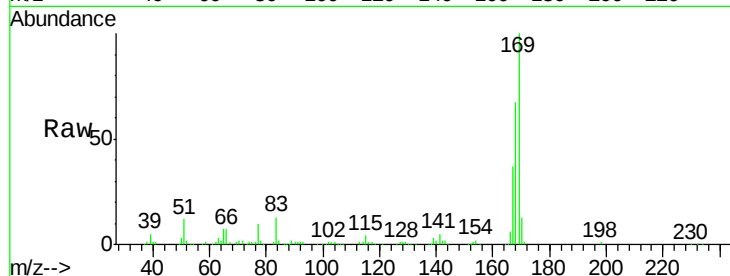
Tgt Ion:169 Resp: 370954

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

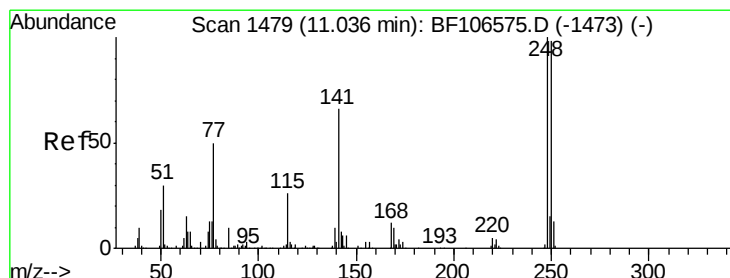
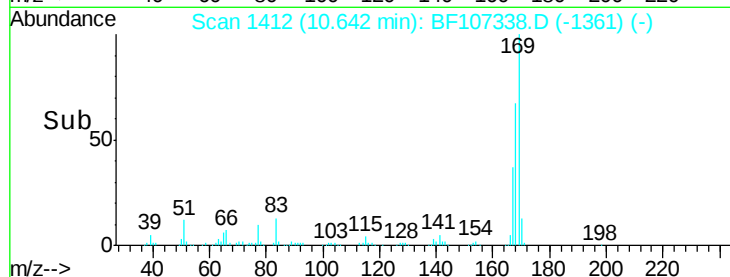
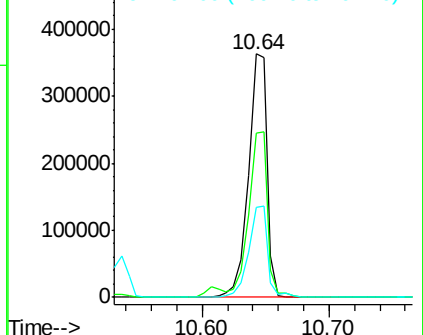
167 37.0 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.307 ng

RT: 11.01 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

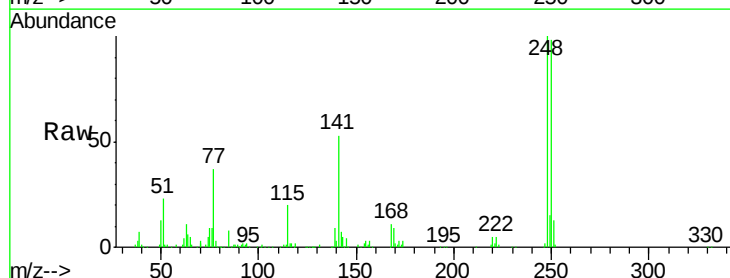
Tgt Ion:248 Resp: 152392

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

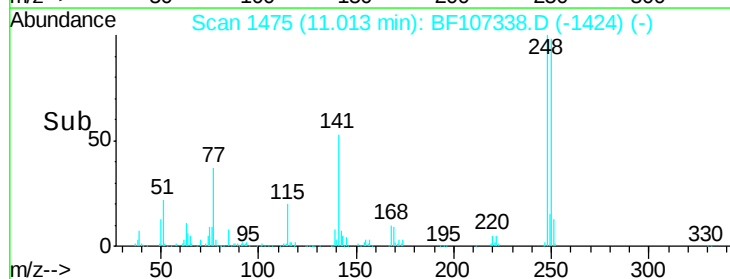
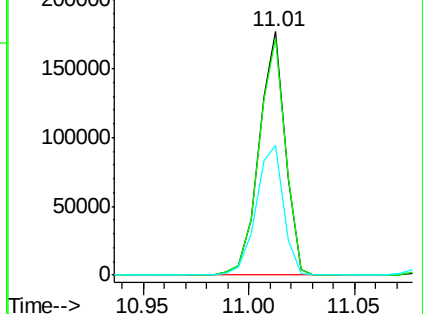
141 53.4 74.4 111.6#

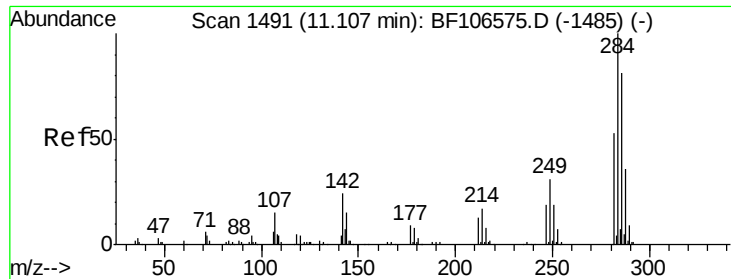


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

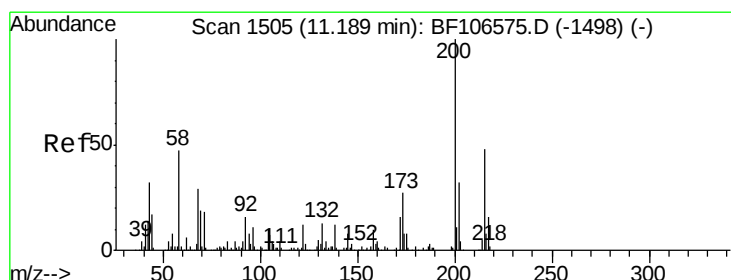
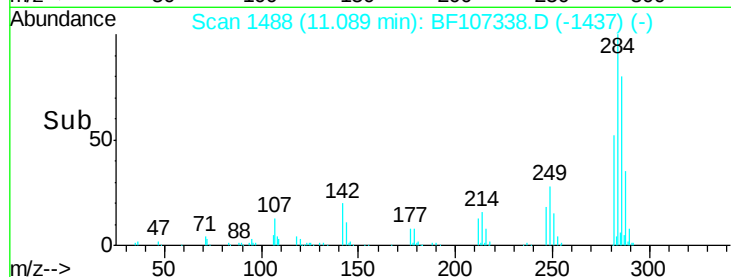
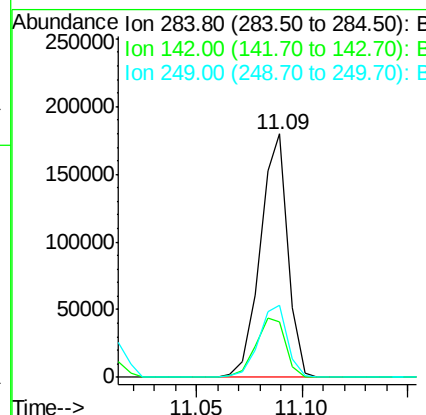
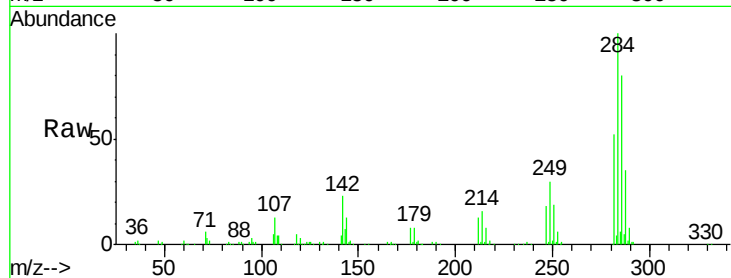




#67
Hexachlorobenzene
Concen: 41.280 ng
RT: 11.09 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

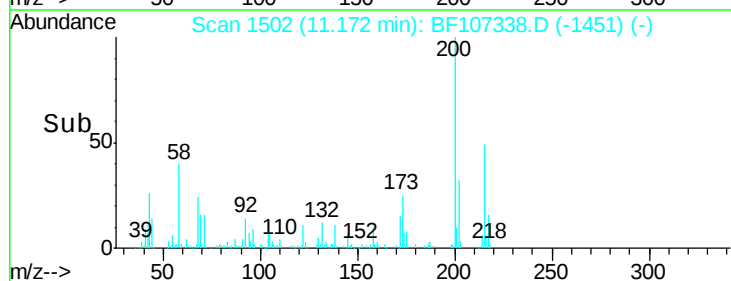
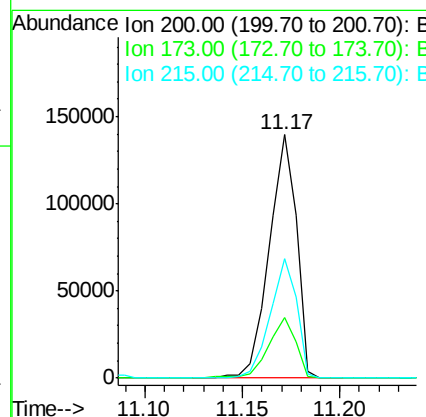
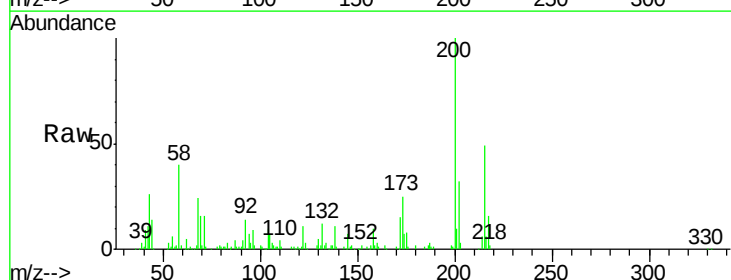
Instrument :
BNA_F
ClientSampleId :
PB110987BS

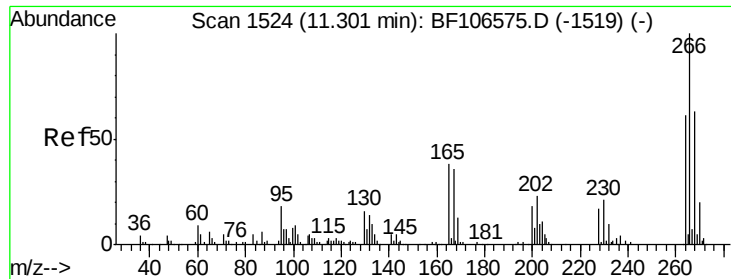
Tgt Ion:284 Resp: 163351
Ion Ratio Lower Upper
284 100
142 22.7 34.6 52.0#
249 29.5 24.8 37.2



#68
Atrazine
Concen: 39.896 ng
RT: 11.17 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:200 Resp: 135147
Ion Ratio Lower Upper
200 100
173 25.0 8.6 48.6
215 49.3 25.1 65.1

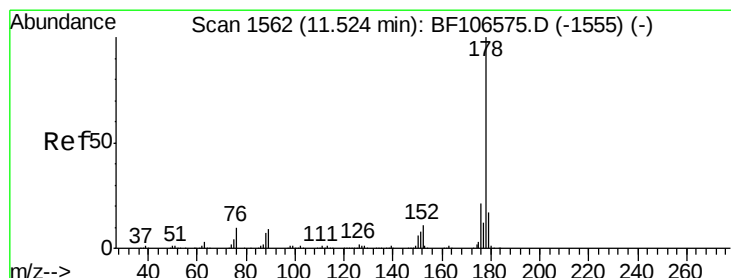
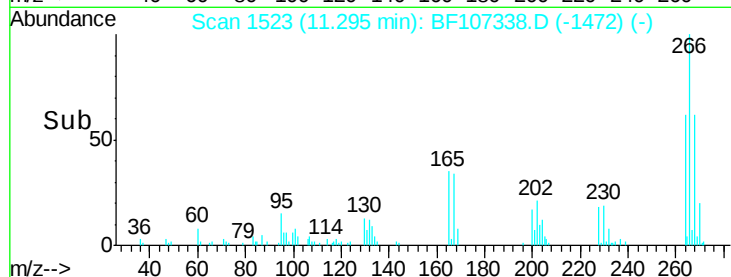
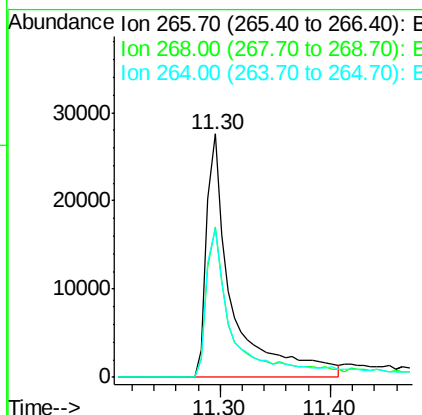
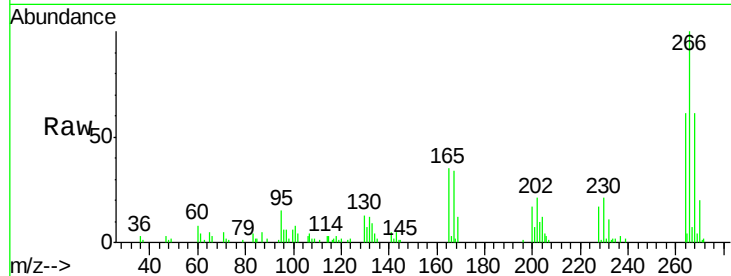




#69
 Pentachlorophenol
 Concen: 22.219 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

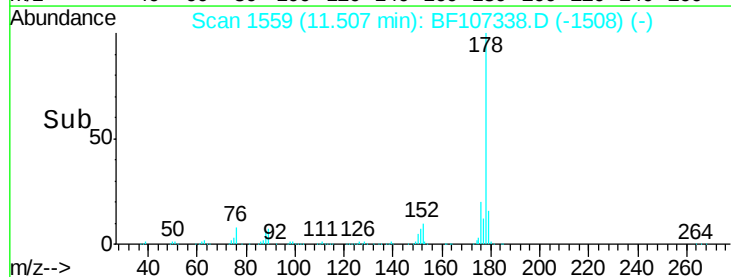
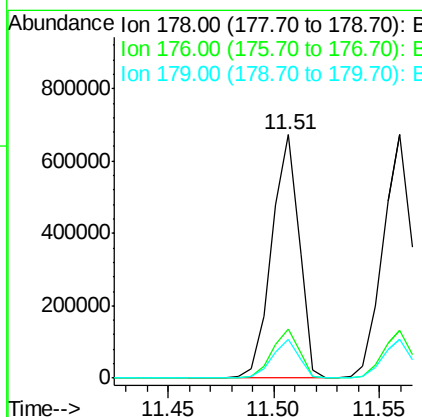
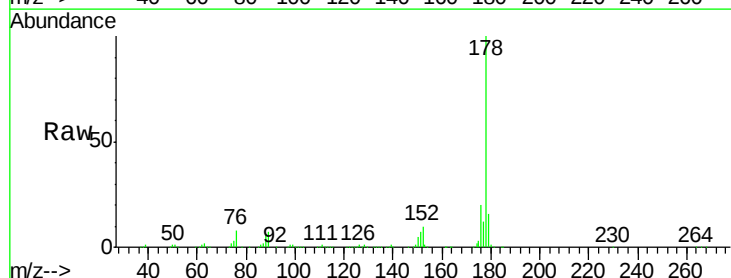
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

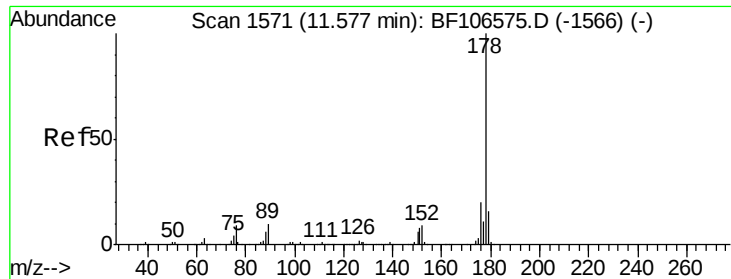
Tgt Ion: 266 Resp: 43871
 Ion Ratio Lower Upper
 266 100
 268 61.4 51.1 76.7
 264 60.9 49.5 74.3



#70
 Phenanthrene
 Concen: 39.828 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion: 178 Resp: 608569
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.8 13.0 19.6

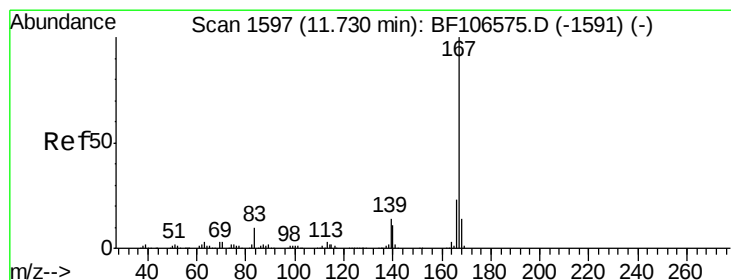
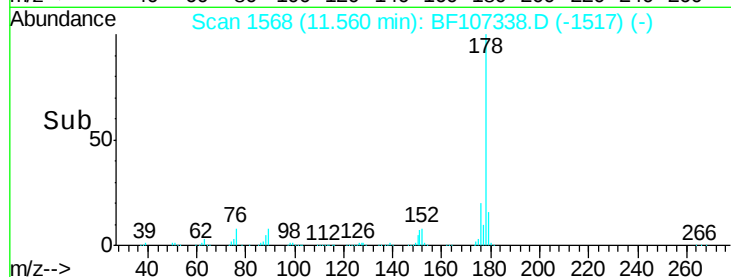
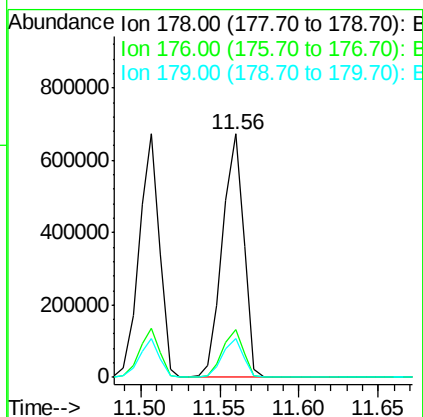
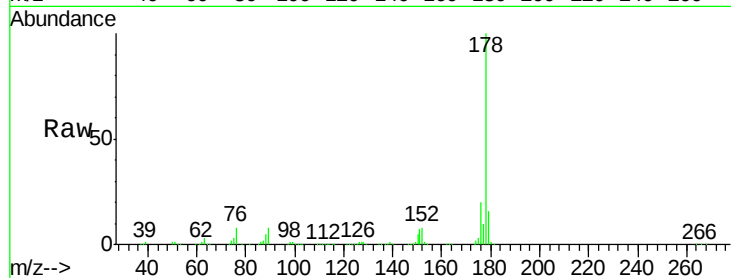




#71
 Anthracene
 Concen: 40.465 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

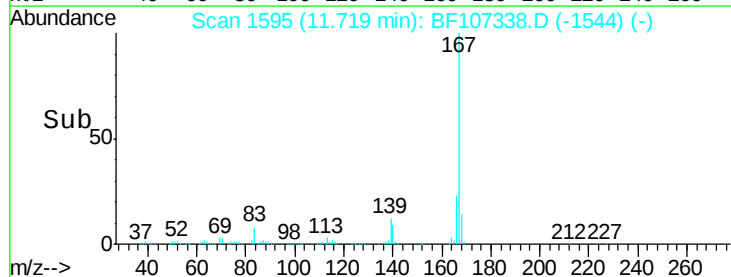
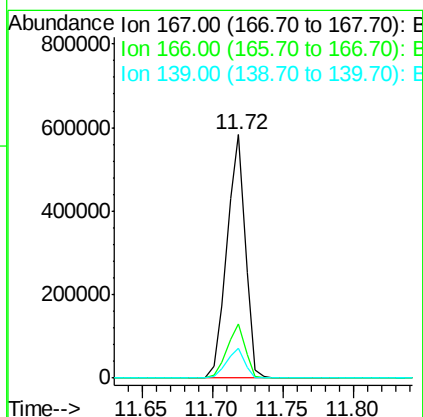
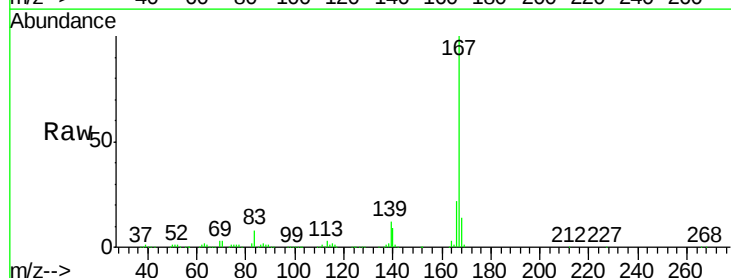
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

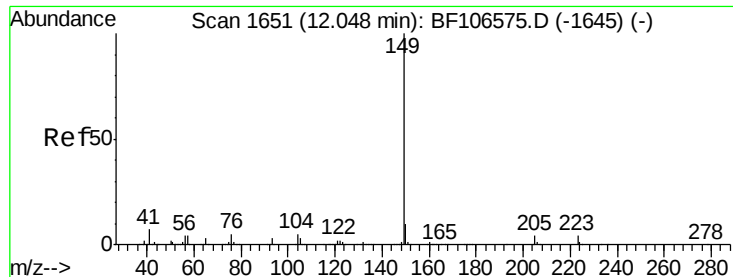
Tgt Ion:178 Resp: 631101
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.2 12.6 19.0



#72
 Carbazole
 Concen: 36.337 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:167 Resp: 530586
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.160 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

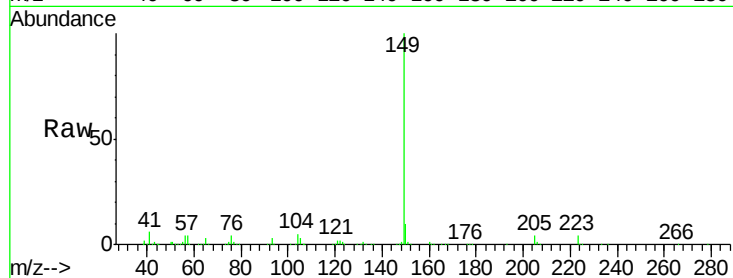
Tgt Ion:149 Resp: 622029

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

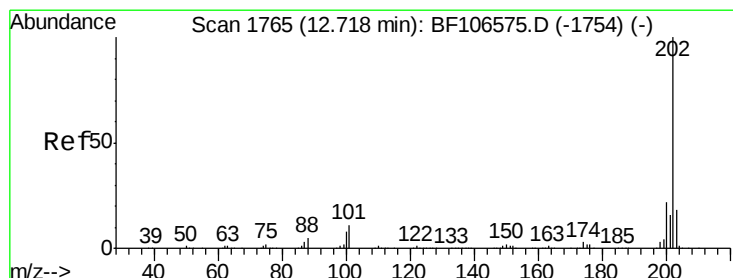
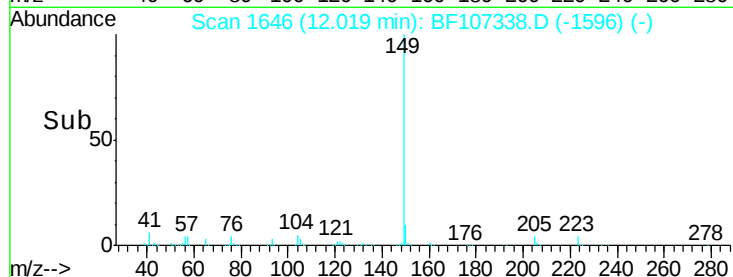
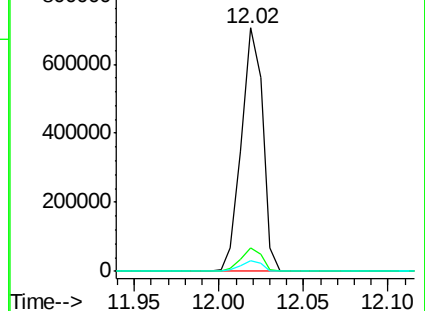
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.814 ng

RT: 12.70 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

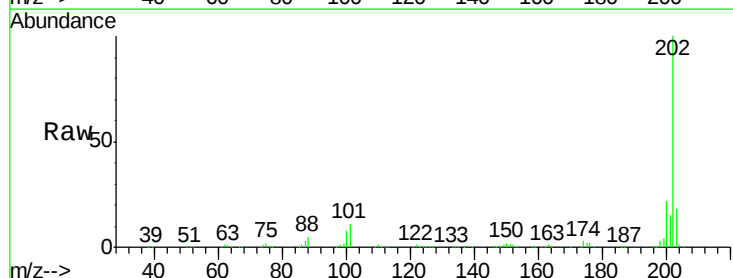
Tgt Ion:202 Resp: 636841

Ion Ratio Lower Upper

202 100

101 10.6 0.0 34.1

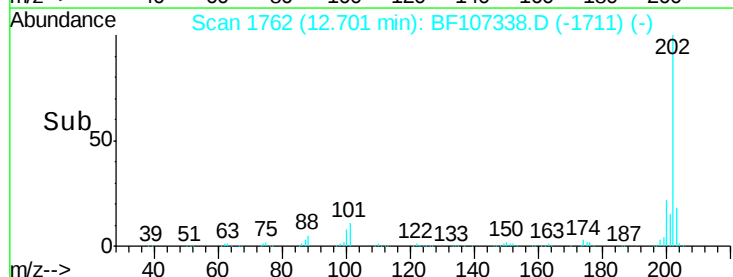
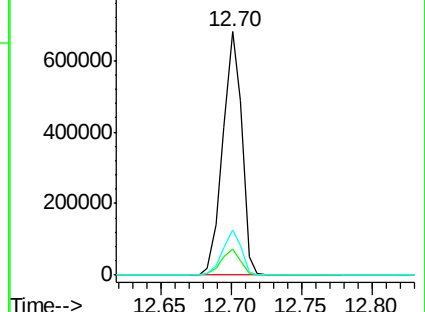
203 18.4 0.0 38.1

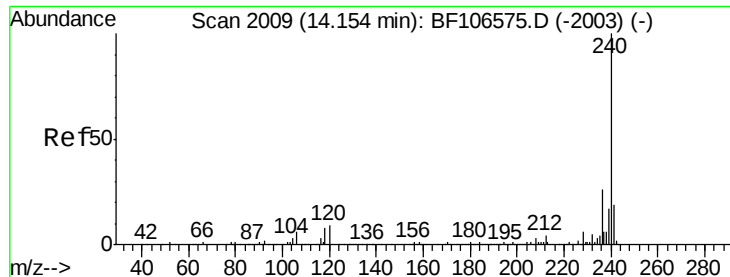


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

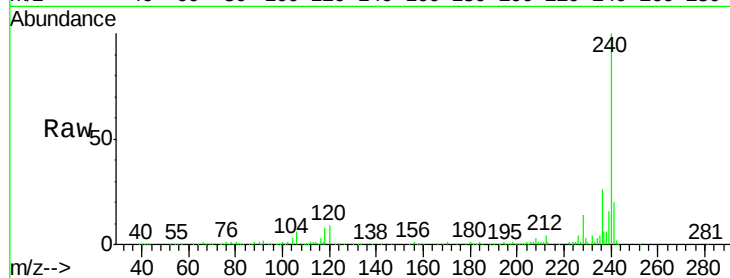
Tgt Ion:240 Resp: 214863

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

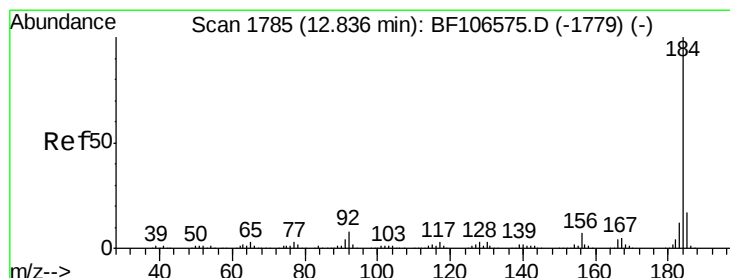
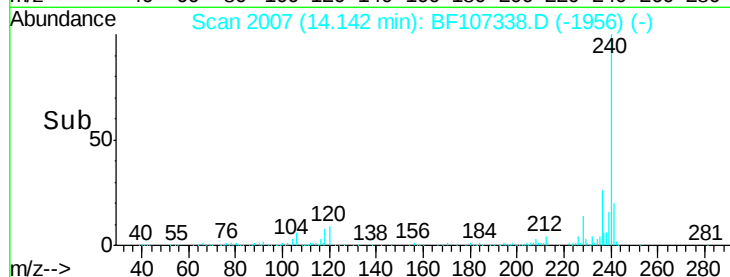
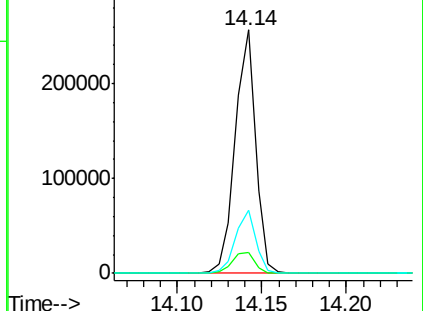
236 26.1 20.7 31.1



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: 33.644 ng

RT: 12.82 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

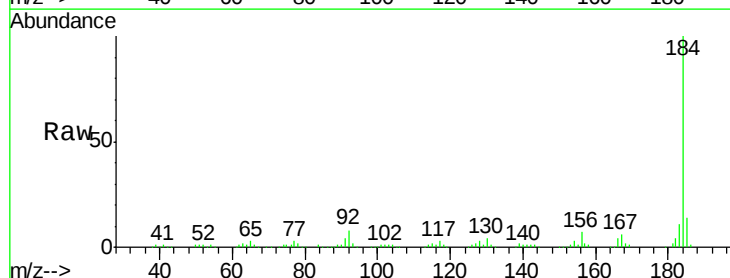
Tgt Ion:184 Resp: 205877

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

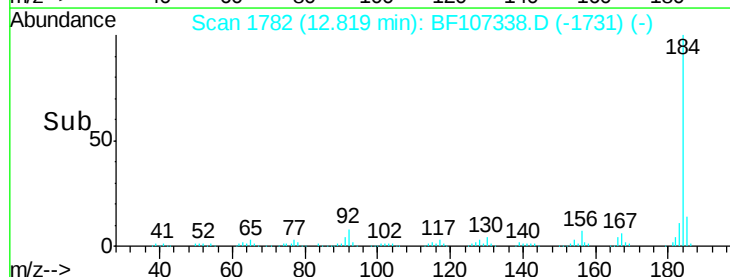
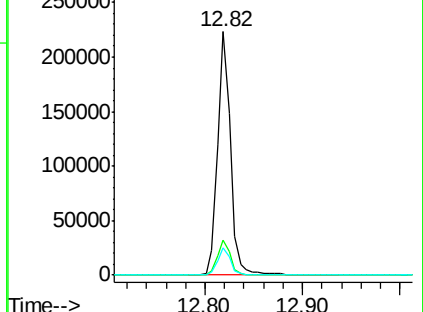
183 11.3 9.3 13.9

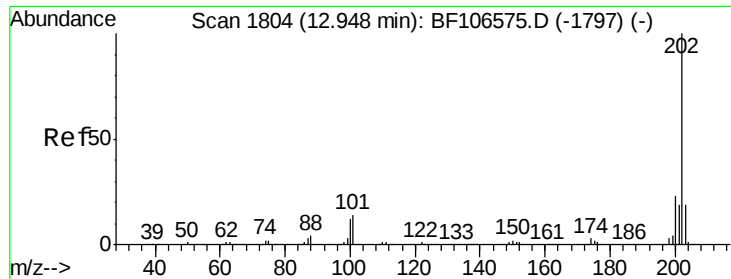


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

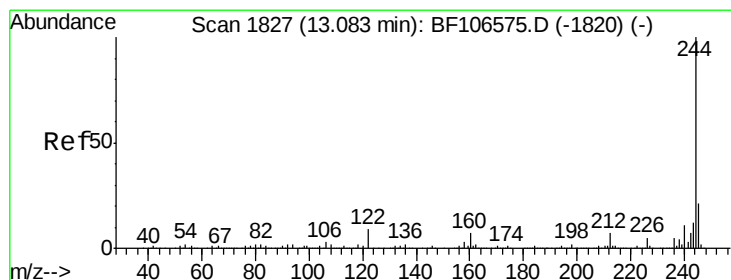
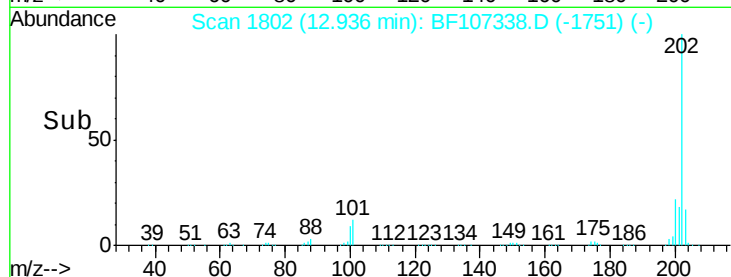
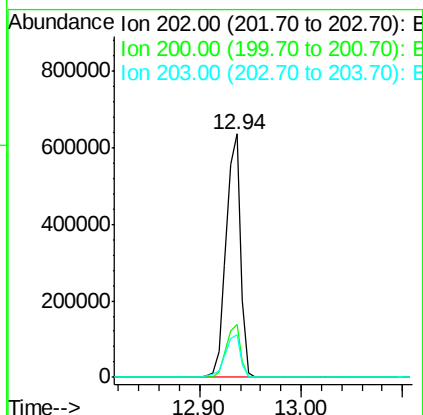
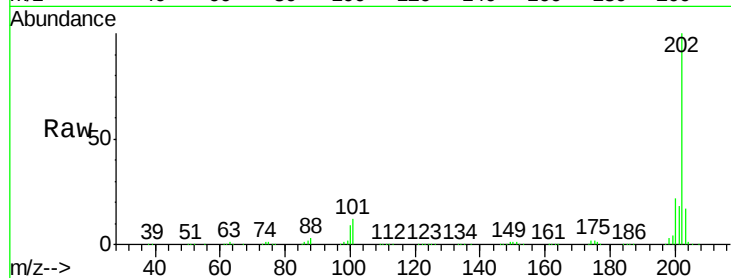




#77
 Pyrene
 Concen: 44.509 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

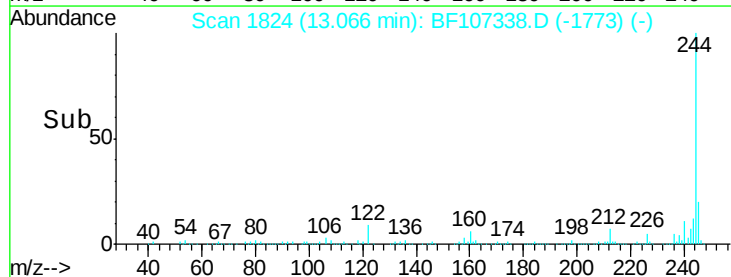
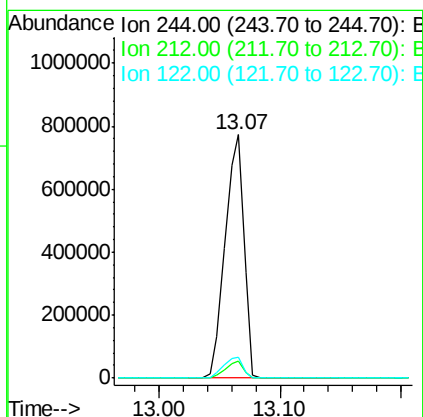
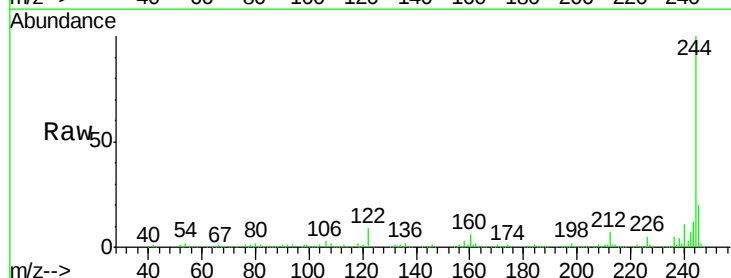
Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

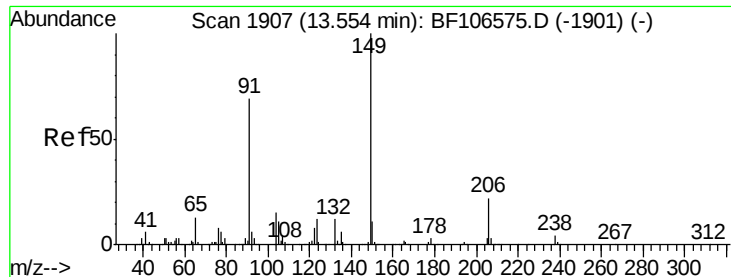
Tgt Ion: 202 Resp: 630633
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 94.041 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion: 244 Resp: 834166
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 8.7 11.0 16.4#

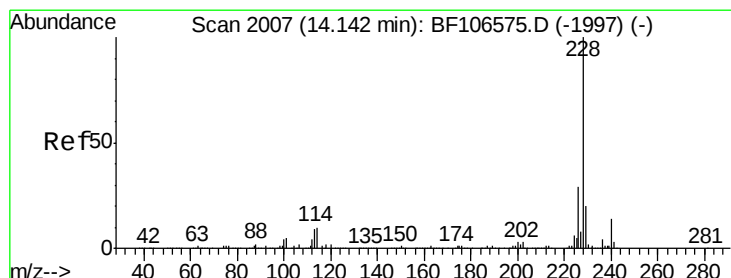
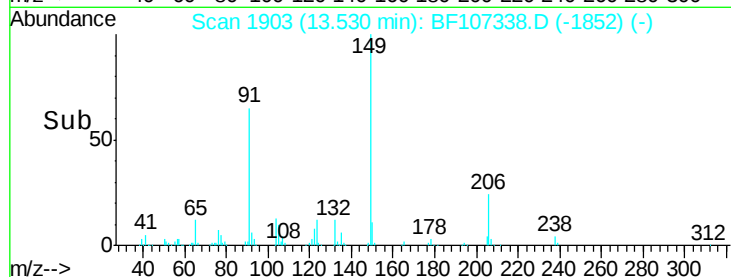
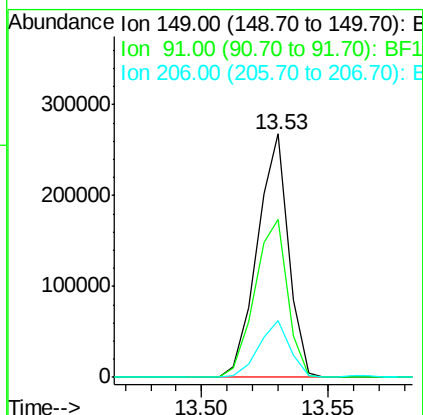
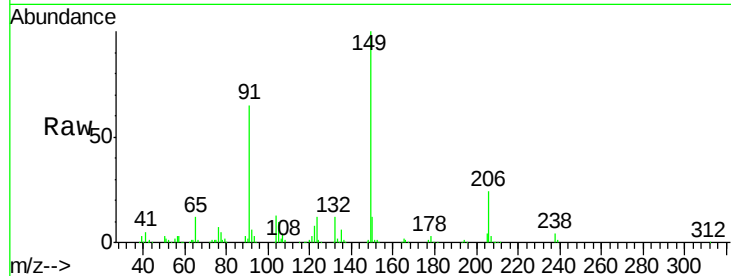




#79
Butylbenzylphthalate
Concen: 39.299 ng
RT: 13.53 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

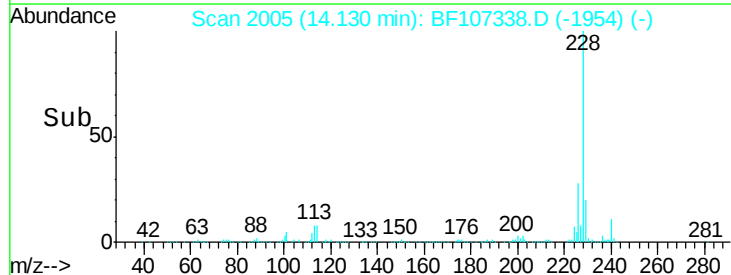
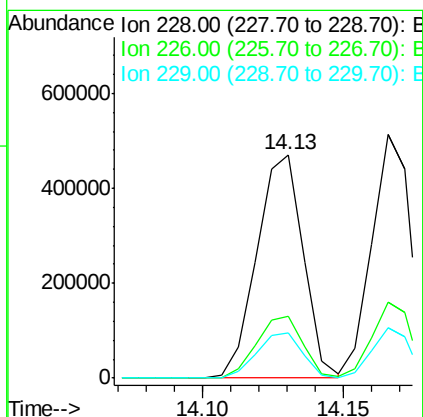
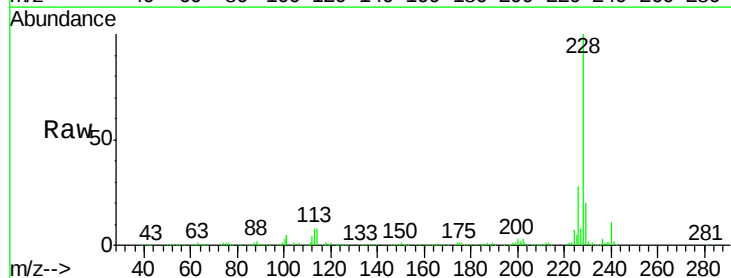
Instrument :
BNA_F
ClientSampleId :
PB110987BS

Tgt Ion:149 Resp: 228937
Ion Ratio Lower Upper
149 100
91 65.0 56.8 85.2
206 23.5 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 40.813 ng
RT: 14.13 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:228 Resp: 534460
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.2 15.8 23.6

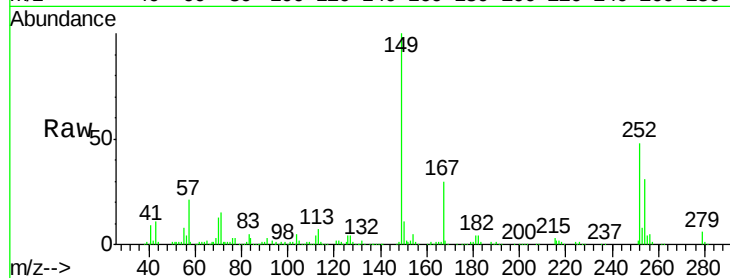




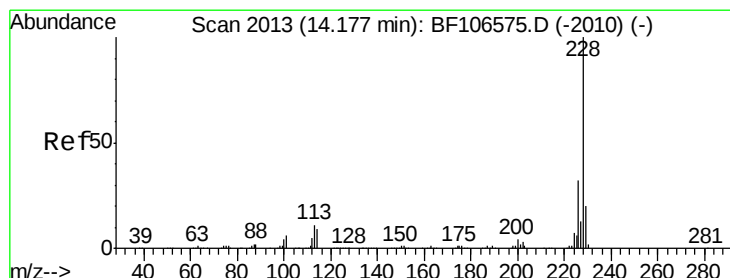
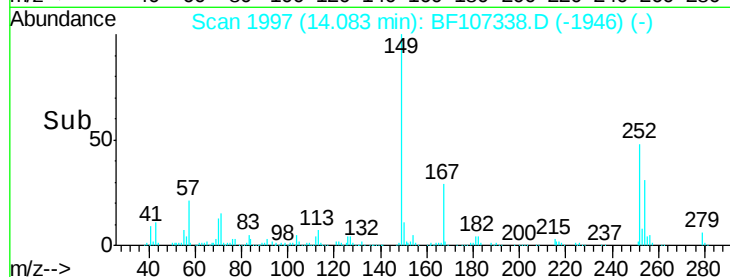
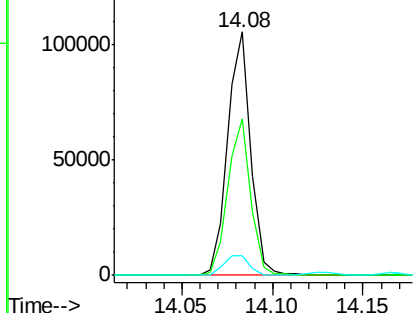
#81
 3,3'-Dichlorobenzidine
 Concen: 20.297 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB110987BS

Tgt Ion:252 Resp: 93417
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.4 75.6
 126 7.8 11.3 16.9#

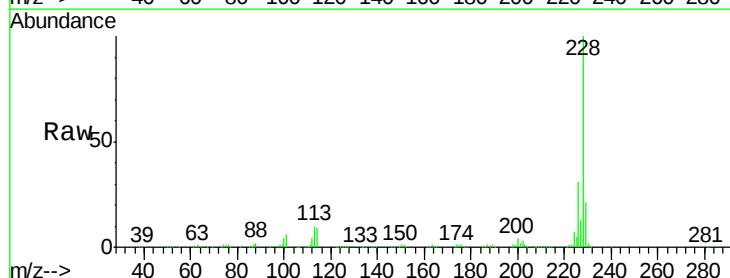


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

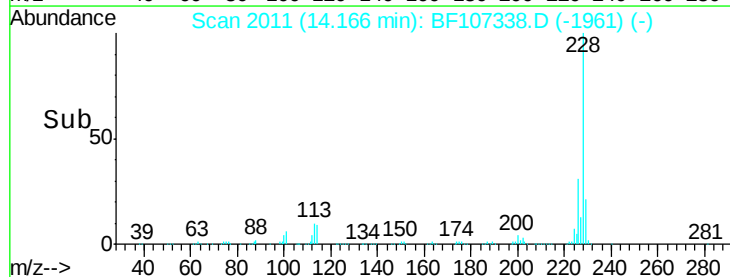
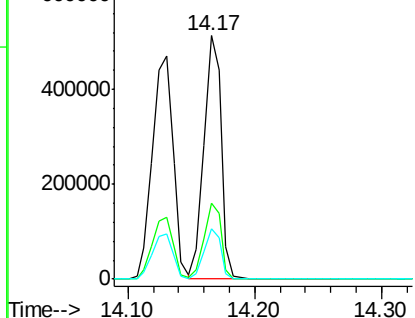


#82
 Chrysene
 Concen: 40.456 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF107338.D
 Acq: 12 Jul 2018 14:56

Tgt Ion:228 Resp: 487394
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.6
 229 20.8 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.293 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

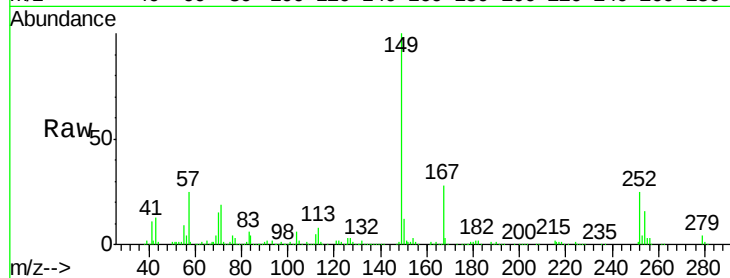
Tgt Ion:149 Resp: 292645

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

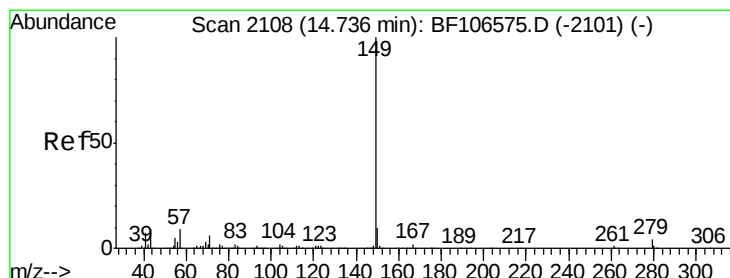
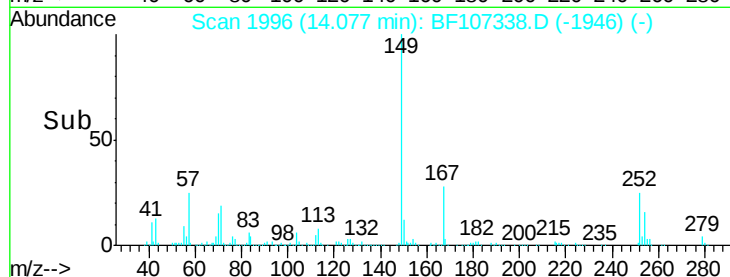
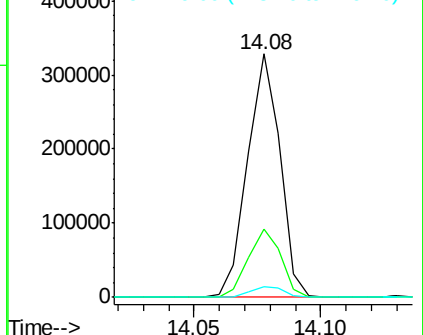
279 4.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.936 ng

RT: 14.70 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

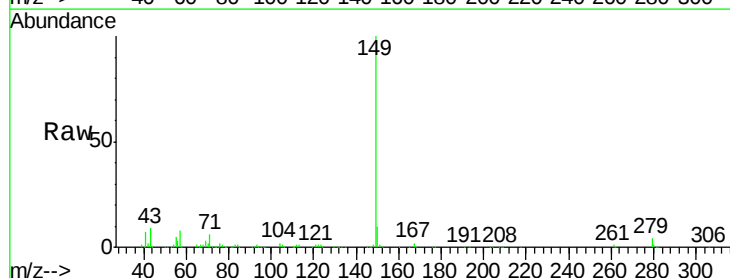
Tgt Ion:149 Resp: 484820

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

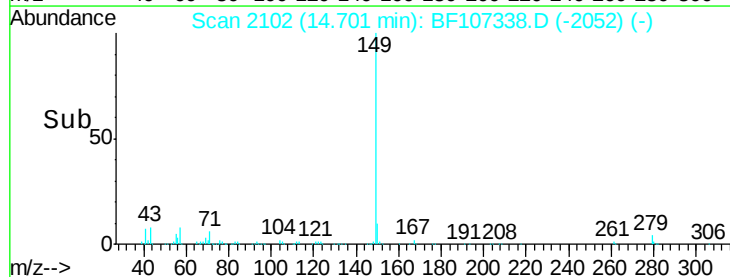
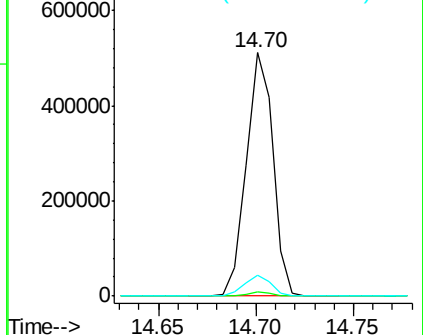
43 8.4 8.4 12.6

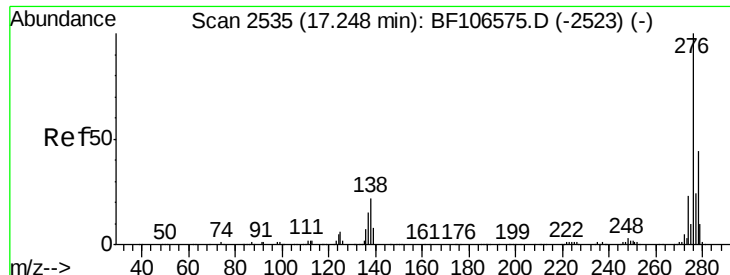


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 59.460 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

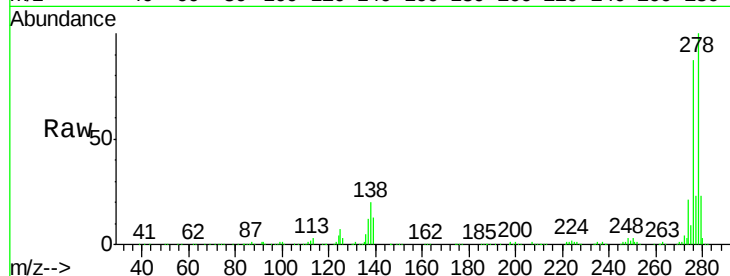
Tgt Ion:276 Resp: 607918

Ion Ratio Lower Upper

276 100

138 21.3 25.0 37.6#

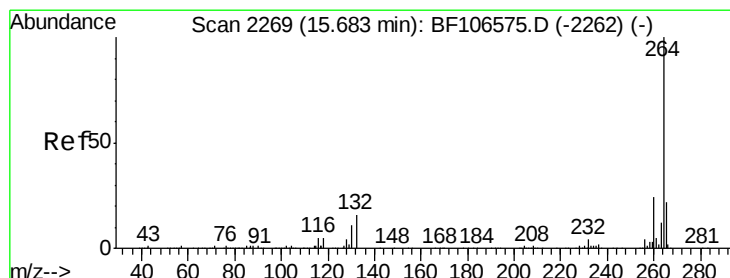
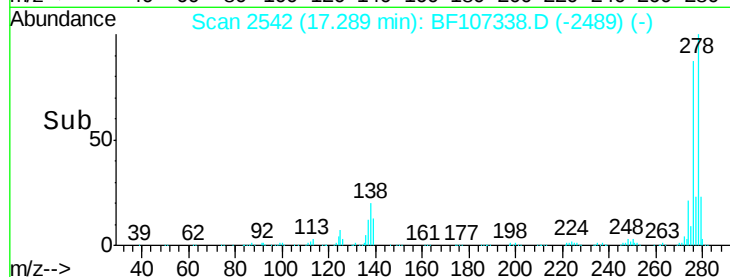
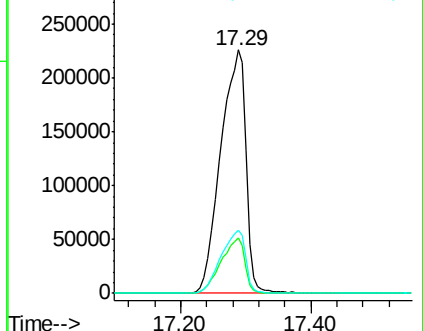
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

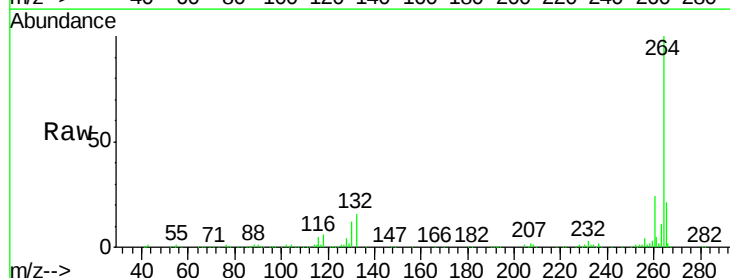
Tgt Ion:264 Resp: 229803

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

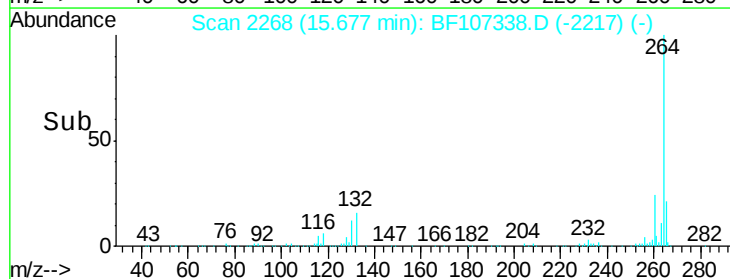
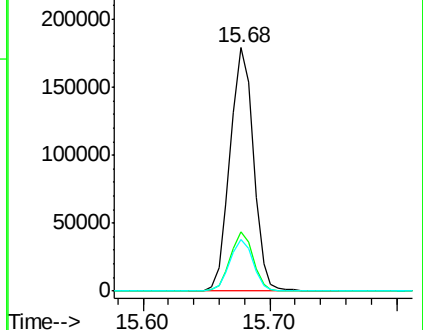
265 21.2 17.5 26.3

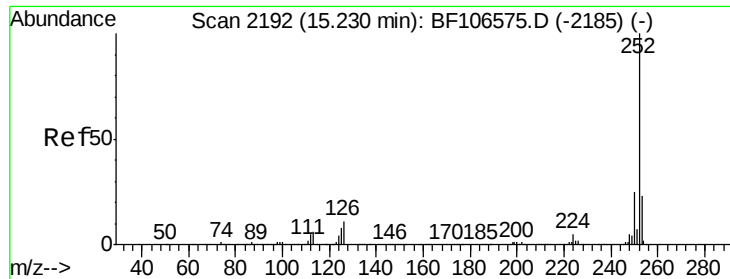


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

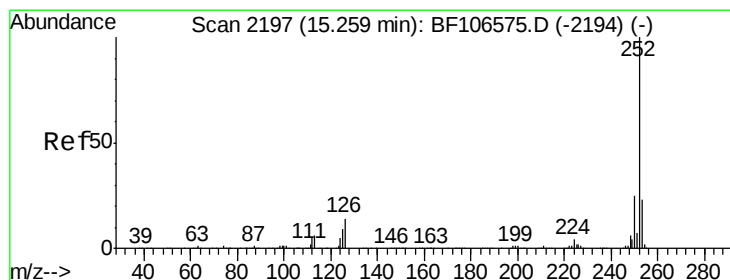
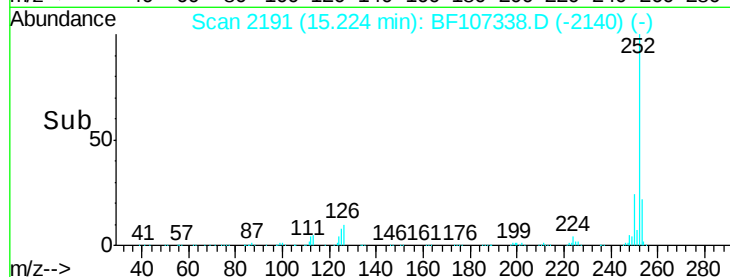
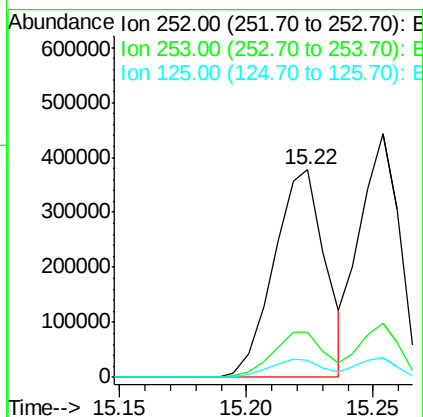
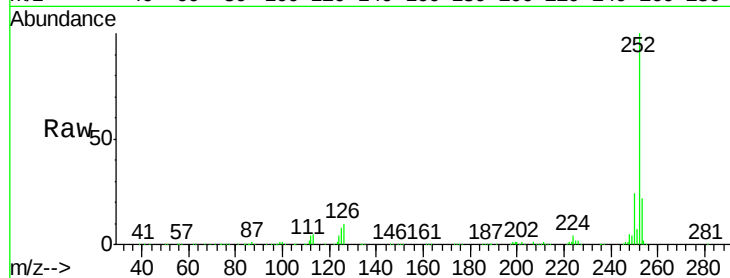




#87
Benzo(b)fluoranthene
Concen: 37.369 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

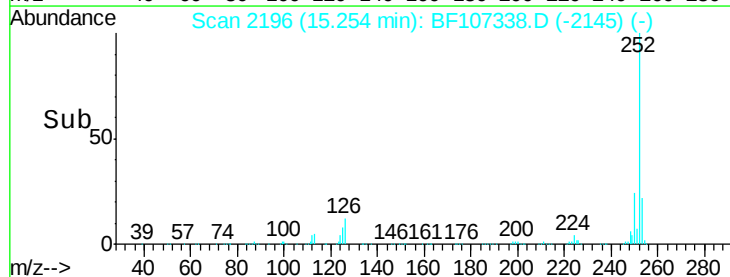
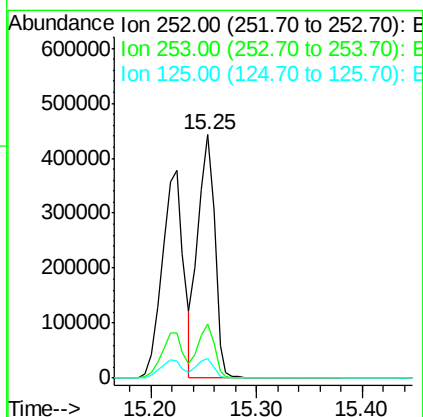
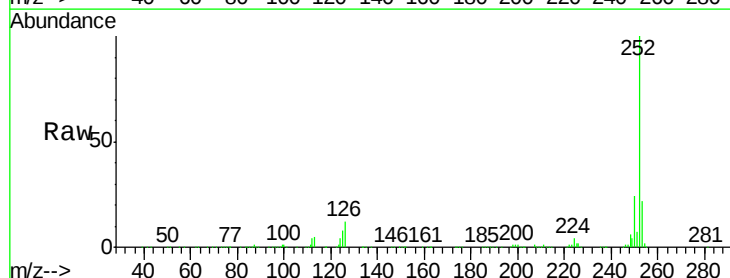
Instrument :
BNA_F
ClientSampleId :
PB110987BS

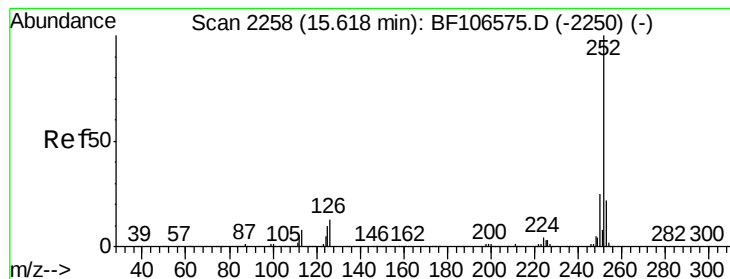
Tgt Ion:252 Resp: 533446
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.1 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 35.760 ng
RT: 15.25 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF107338.D
Acq: 12 Jul 2018 14:56

Tgt Ion:252 Resp: 486136
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.2 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 40.396 ng

RT: 15.62 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS

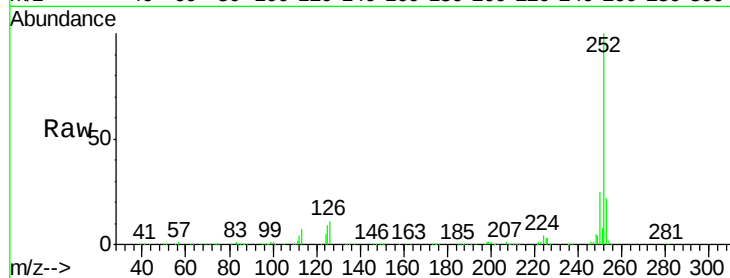
Tgt Ion:252 Resp: 512644

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

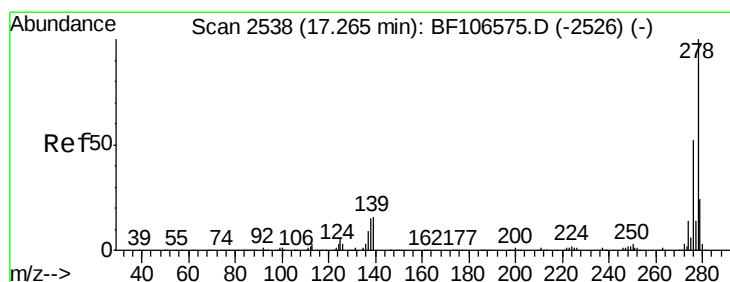
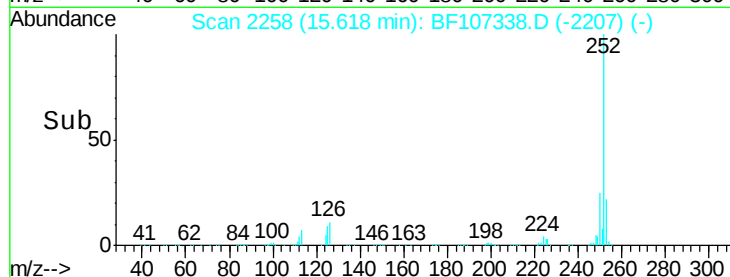
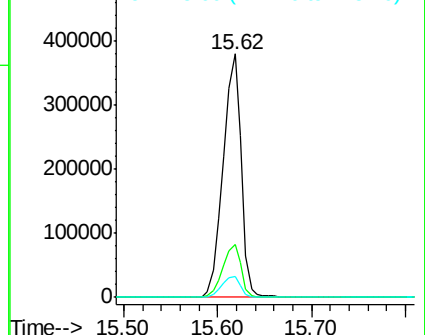
125 8.6 9.8 14.6#



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: 46.685 ng

RT: 17.29 min Scan# 2542

Delta R.T. 0.01 min

Lab File: BF107338.D

Acq: 12 Jul 2018 14:56

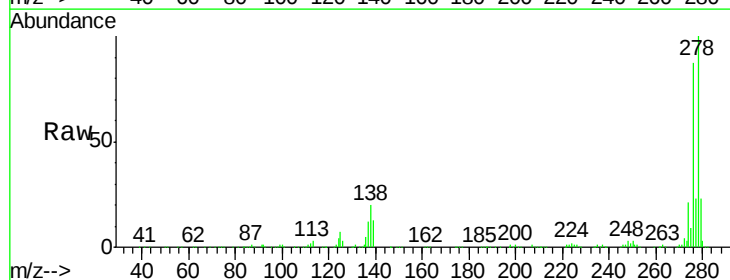
Tgt Ion:278 Resp: 502098

Ion Ratio Lower Upper

278 100

139 13.0 15.9 23.9#

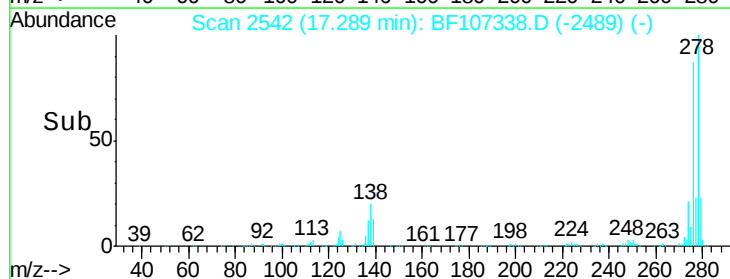
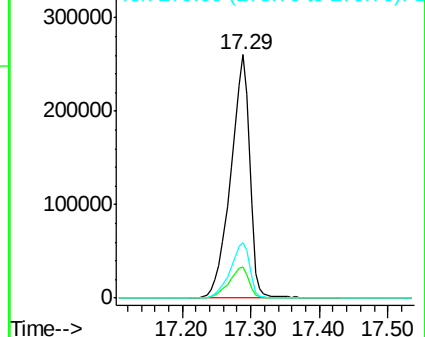
279 22.9 19.0 28.4

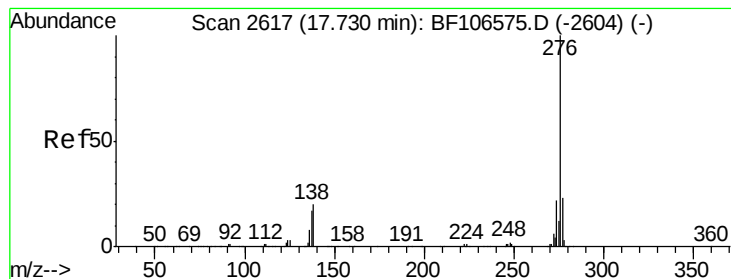


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.502 ng

RT: 17.77 min Scan# 2623

Delta R.T. 0.01 min

Lab File: BF107338.D

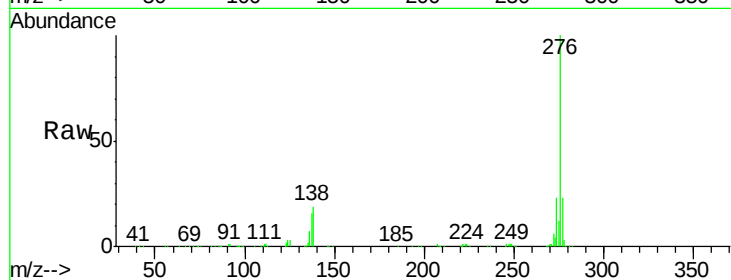
Acq: 12 Jul 2018 14:56

Instrument :

BNA_F

ClientSampleId :

PB110987BS



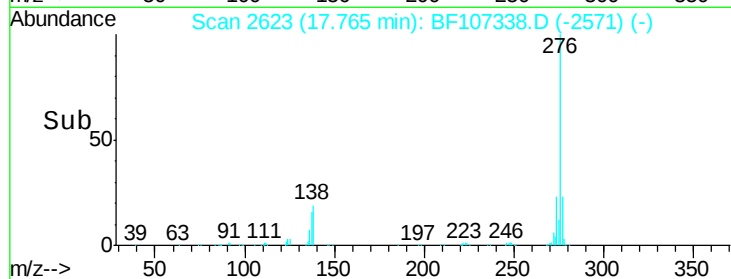
Tgt Ion: 276 Resp: 530882

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 19.0 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

