

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107250.D
 Acq On : 10 Jul 2018 1:24
 Operator : JU/SJ
 Sample : PB110915BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Quant Time: Jul 10 05:09:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	33294	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	111726	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	50088	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	103003	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	75127	20.00	ng	-0.02
86) Perylene-d12	15.69	264	57816	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	194862	99.11	ng	0.00
7) Phenol-d6	6.60	99	228506	93.06	ng	-0.01
23) Nitrobenzene-d5	7.52	82	199884	99.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	63160	108.80	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	351152	125.73	ng	-0.02
78) Terphenyl-d14	13.08	244	443945	143.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	35749	35.365	ng	98
3) Pyridine	3.63	79	106830	38.968	ng	98
4) n-Nitrosodimethylamine	3.59	42	45739	39.282	ng	81
6) Aniline	6.61	93	88780	26.655	ng	# 7
8) 2-Chlorophenol	6.74	128	96436	44.718	ng	98
9) Benzaldehyde	6.50	77	40912	21.598	ng	98
10) Phenol	6.61	94	119475	42.636	ng	75
11) bis(2-Chloroethyl)ether	6.68	93	99193	42.879	ng	97
12) 1,3-Dichlorobenzene	6.89	146	109873	43.500	ng	97
13) 1,4-Dichlorobenzene	6.97	146	111468	43.651	ng	99
14) 1,2-Dichlorobenzene	7.12	146	102331	43.726	ng	98
15) Benzyl Alcohol	7.10	79	74676	37.876	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	133803	44.084	ng	# 17
17) 2-Methylphenol	7.21	107	79084	42.852	ng	# 88
18) Hexachloroethane	7.45	117	20353	22.665	ng	# 87
19) n-Nitroso-di-n-propylamine	7.36	70	66340	40.988	ng	93
20) 3+4-Methylphenols	7.37	107	104826	56.707	ng	# 87
22) Acetophenone	7.36	105	130097	52.047	ng	# 99
24) Nitrobenzene	7.54	77	96616	47.071	ng	100
25) Isophorone	7.77	82	179532	50.677	ng	99
26) 2-Nitrophenol	7.85	139	34824	35.940	ng	97
27) 2,4-Dimethylphenol	7.89	122	82880	55.340	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	117577	49.431	ng	98
29) 2,4-Dichlorophenol	8.10	162	79021	50.398	ng	94
30) 1,2,4-Trichlorobenzene	8.17	180	86620	50.148	ng	98
31) Naphthalene	8.25	128	250055	47.871	ng	99
32) Benzoic acid	8.02	122	27012	27.566	ng	98
33) 4-Chloroaniline	8.31	127	57521	26.244	ng	99
34) Hexachlorobutadiene	8.35	225	58825	52.266	ng	98
35) Caprolactam	8.68	113	23933	46.826	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	76547	46.382	ng	97
37) 2-Methylnaphthalene	8.95	142	176906	51.095	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	91578	54.291	ng	# 96
42) 2,4,6-Trichlorophenol	9.24	196	52856	47.140	ng	93

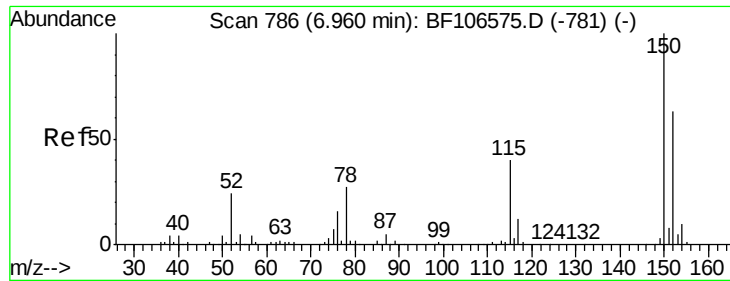
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070918\
 Data File : BF107250.D
 Acq On : 10 Jul 2018 1:24
 Operator : JU/SJ
 Sample : PB110915BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Quant Time: Jul 10 05:09:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	54156	46.288	ng	# 88
45) 1,1'-Biphenyl	9.41	154	212628	53.267	ng	98
46) 2-Chloronaphthalene	9.44	162	149595	47.610	ng	96
47) 2-Nitroaniline	9.54	65	55404	52.437	ng	94
48) Acenaphthylene	9.86	152	239509	48.281	ng	99
49) Dimethylphthalate	9.70	163	180041	47.926	ng	98
50) 2,6-Dinitrotoluene	9.78	165	32024	40.257	ng	# 79
51) Acenaphthene	10.03	154	142839	45.726	ng	97
52) 3-Nitroaniline	9.96	138	50506	55.174	ng	95
54) Dibenzofuran	10.20	168	217751	50.906	ng	96
55) 4-Nitrophenol	10.14	139	40267	63.020	ng	96
56) 2,4-Dinitrotoluene	10.20	165	35104	33.808	ng	# 93
57) Fluorene	10.55	166	174749	51.483	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	46909	50.438	ng	# 79
59) Diethylphthalate	10.40	149	176146	48.581	ng	# 94
60) 4-Chlorophenyl-phenylether	10.53	204	89946	50.645	ng	# 84
61) 4-Nitroaniline	10.58	138	52368	57.644	ng	95
62) Azobenzene	10.70	77	157358	44.071	ng	90
65) n-Nitrosodiphenylamine	10.65	169	150724	43.505	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	61620	50.127	ng	# 77
67) Hexachlorobenzene	11.10	284	63950	49.704	ng	# 83
68) Atrazine	11.18	200	45184	41.025	ng	94
69) Pentachlorophenol	11.31	266	28561	44.489	ng	98
70) Phenanthrene	11.52	178	263167	52.972	ng	99
71) Anthracene	11.57	178	272825	53.802	ng	100
72) Carbazole	11.73	167	244867	51.577	ng	98
73) Di-n-butylphthalate	12.03	149	273959	48.981	ng	98
74) Fluoranthene	12.71	202	297426	54.317	ng	97
76) Benzidine	12.84	184	257842	120.510	ng	97
77) Pyrene	12.95	202	294589	59.464	ng	99
79) Butylbenzylphthalate	13.54	149	121484	59.642	ng	# 97
80) Benzo(a)anthracene	14.14	228	233850	51.073	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	88432	54.952	ng	# 95
82) Chrysene	14.18	228	212076	50.345	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	155226	59.609	ng	100
84) Di-n-octyl phthalate	14.71	149	243398	57.341	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.29	276	184297	51.555	ng	# 90
87) Benzo(b)fluoranthene	15.23	252	176314	49.092	ng	# 96
88) Benzo(k)fluoranthene	15.26	252	169624	49.595	ng	# 95
89) Benzo(a)pyrene	15.62	252	166044	52.006	ng	# 96
90) Dibenzo(a,h)anthracene	17.29	278	154029	56.925	ng	# 93
91) Benzo(g,h,i)perylene	17.78	276	155948	58.966	ng	# 90

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

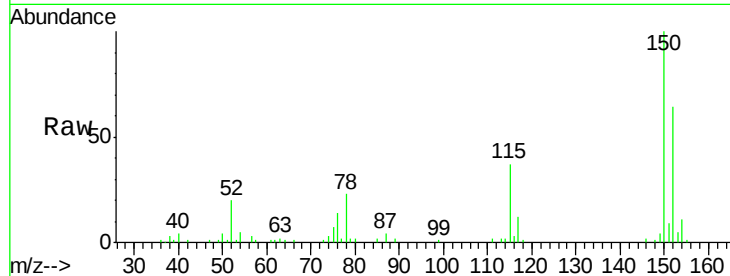


#1

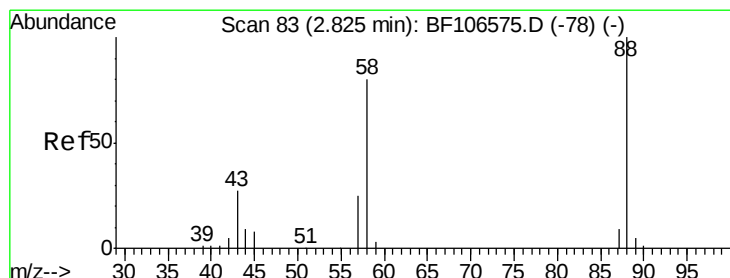
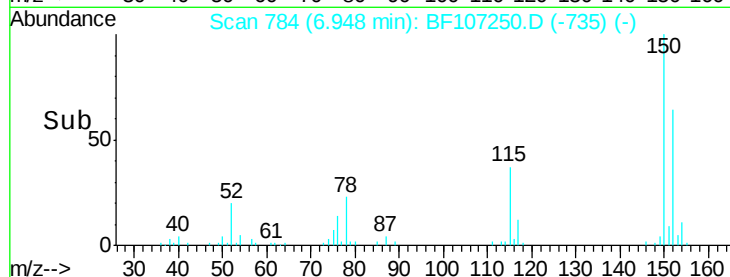
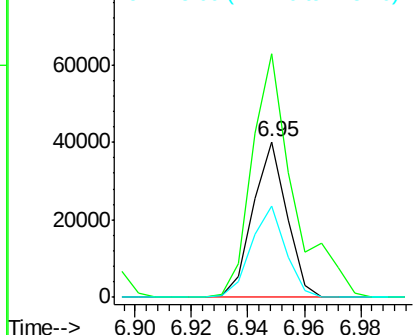
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion: 152 Resp: 33294
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 58.7 50.1 75.1



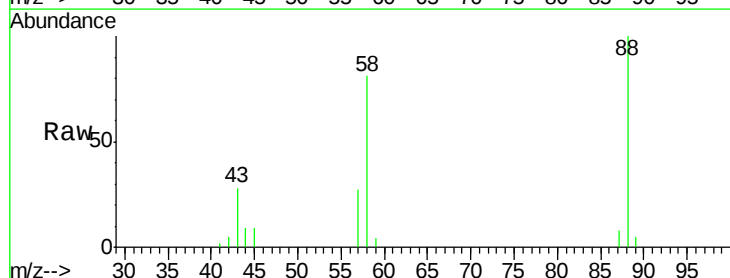
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



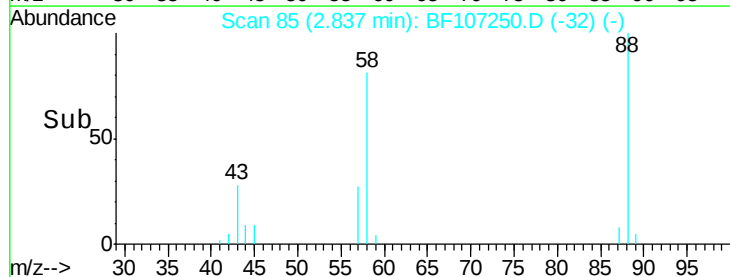
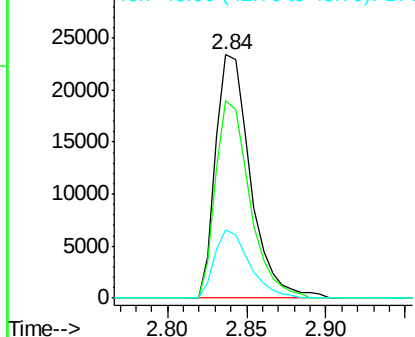
#2

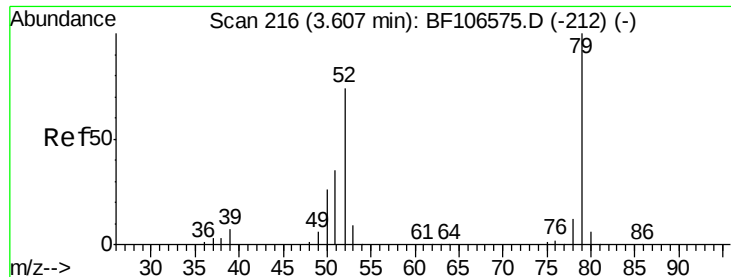
1,4-Dioxane
Concen: 35.365 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion: 88 Resp: 35749
Ion Ratio Lower Upper
88 100
58 79.4 62.6 93.8
43 28.1 24.6 37.0



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

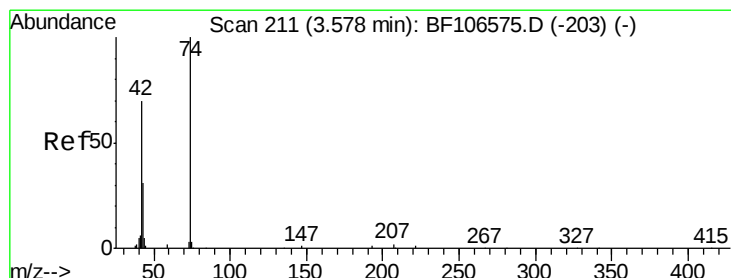
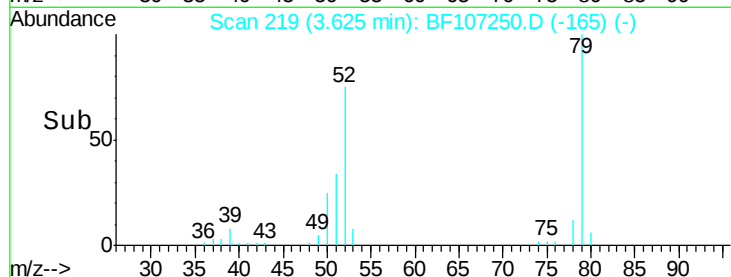
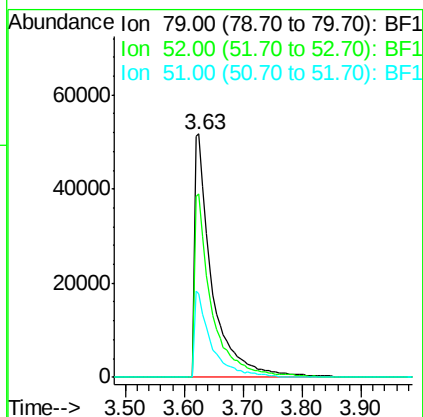
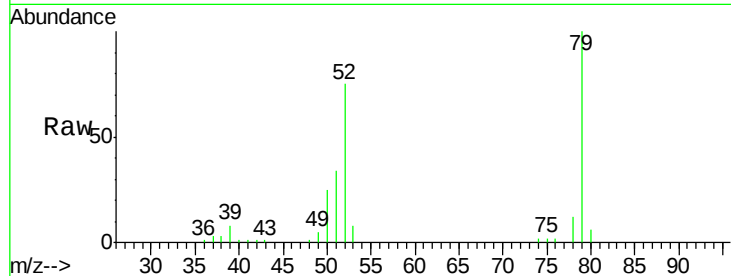




#3
 Pyridine
 Concen: 38.968 ng
 RT: 3.63 min Scan# 219
 Delta R.T. 0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

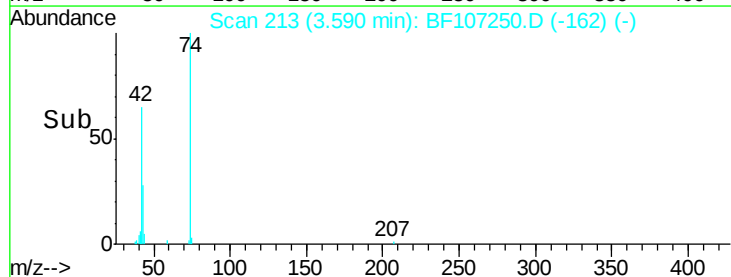
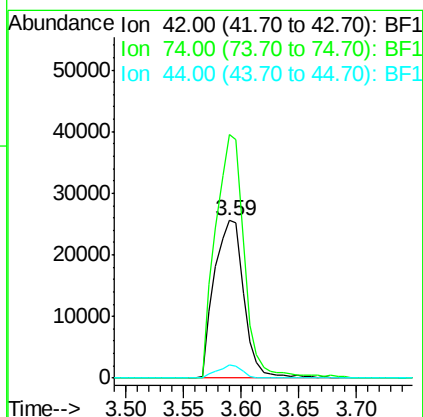
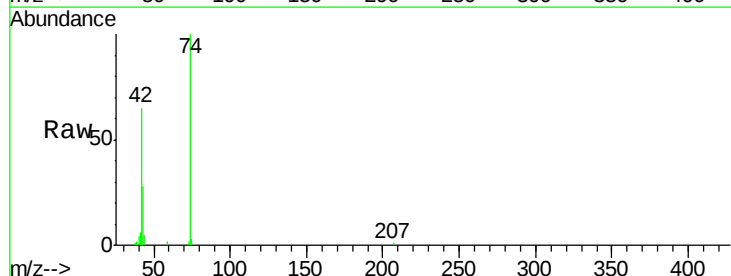
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Tgt Ion: 79 Resp: 106830
 Ion Ratio Lower Upper
 79 100
 52 75.2 59.8 89.6
 51 34.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.282 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.00 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion: 42 Resp: 45739
 Ion Ratio Lower Upper
 42 100
 74 154.5 104.9 157.3
 44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 99.106 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

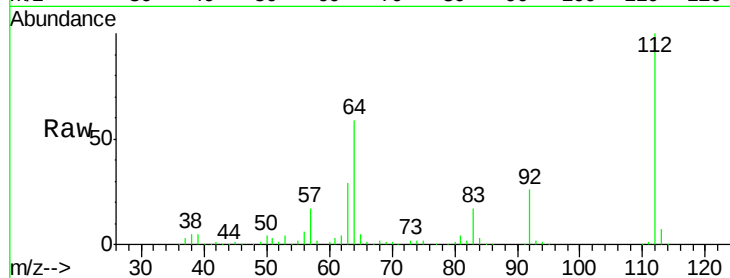
Tgt Ion: 112 Resp: 194862

Ion Ratio Lower Upper

112 100

64 58.7 47.9 71.9

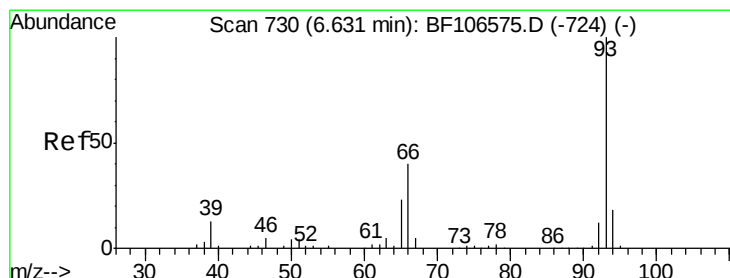
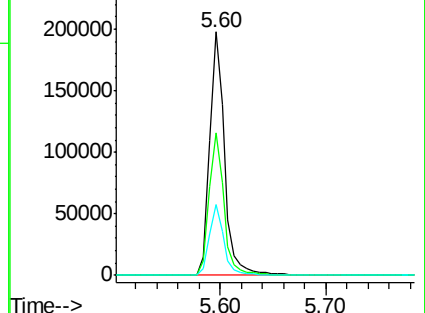
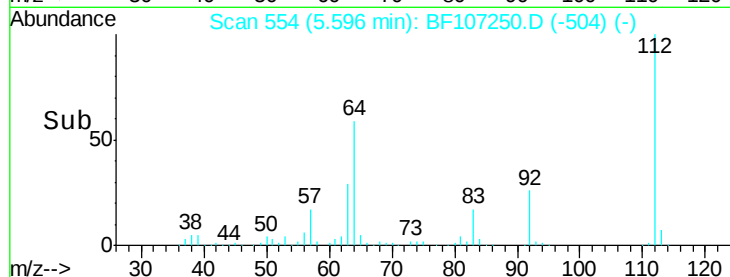
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.655 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

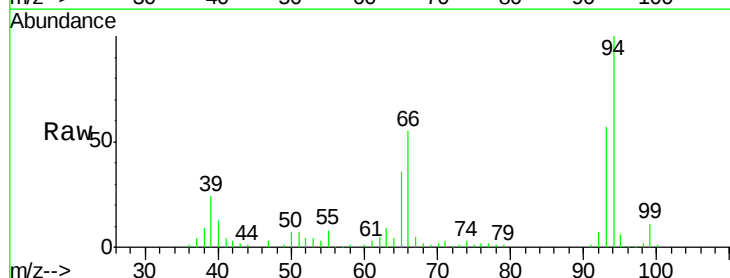
Tgt Ion: 93 Resp: 88780

Ion Ratio Lower Upper

93 100

66 97.6 32.2 48.2#

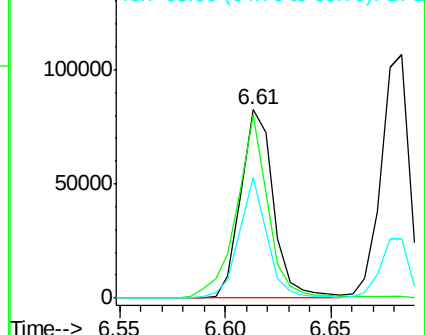
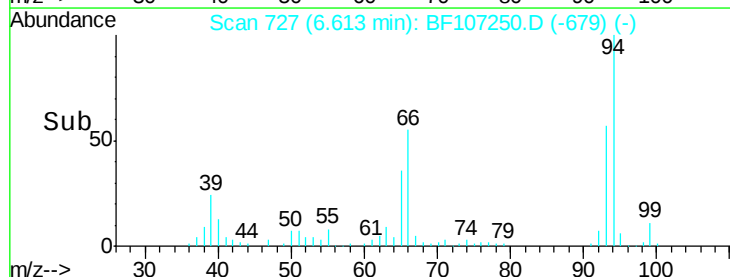
65 63.9 16.4 24.6#



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: 93.063 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

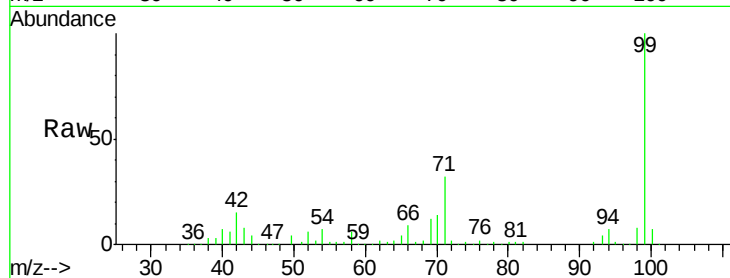
Tgt Ion: 99 Resp: 228506

Ion Ratio Lower Upper

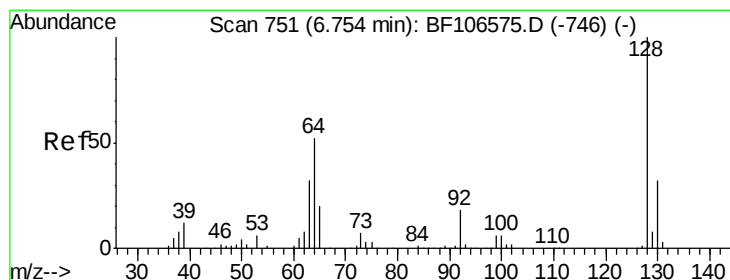
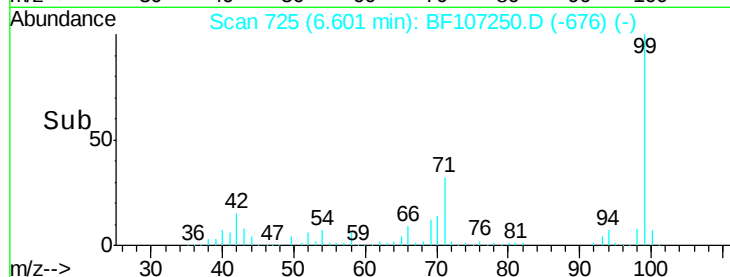
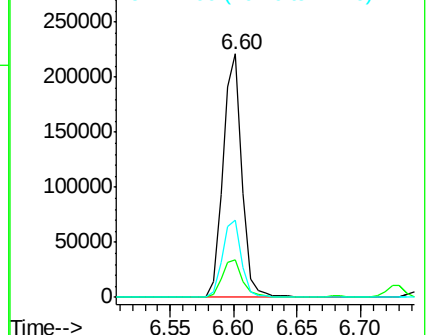
99 100

42 15.4 14.5 21.7

71 31.7 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: 44.718 ng

RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

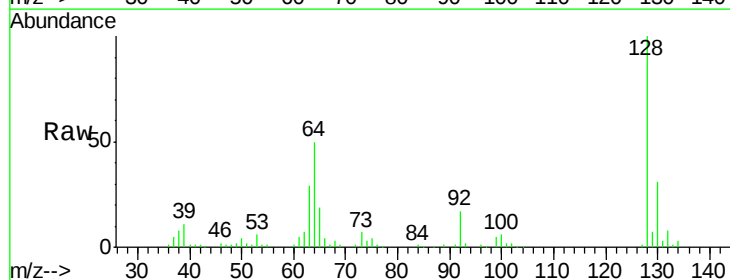
Tgt Ion: 128 Resp: 96436

Ion Ratio Lower Upper

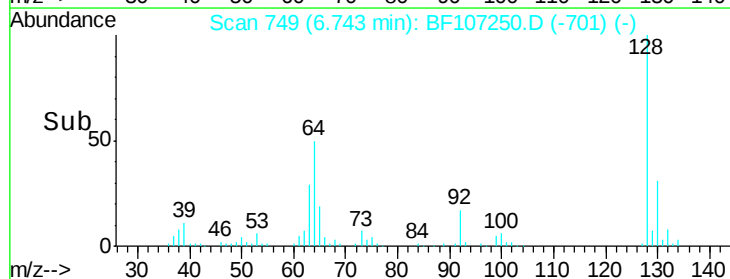
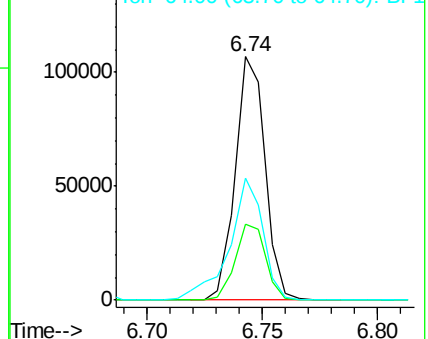
128 100

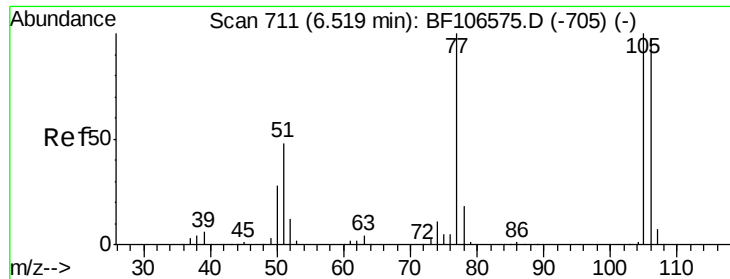
130 31.1 13.0 53.0

64 50.2 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

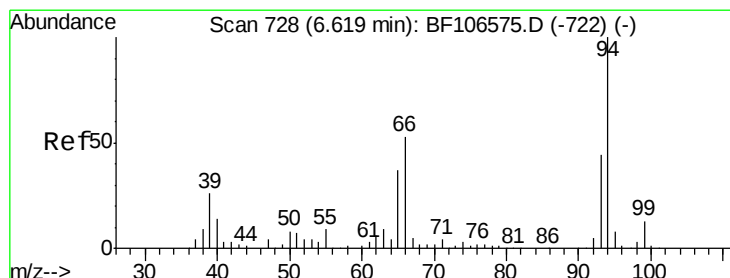
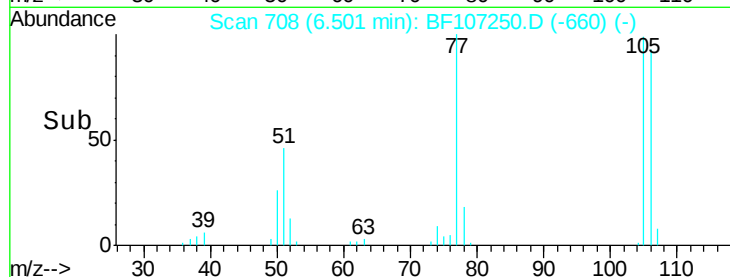
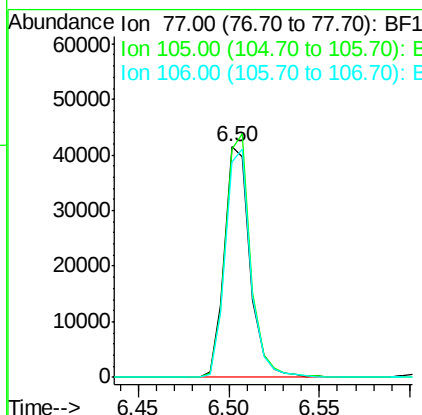
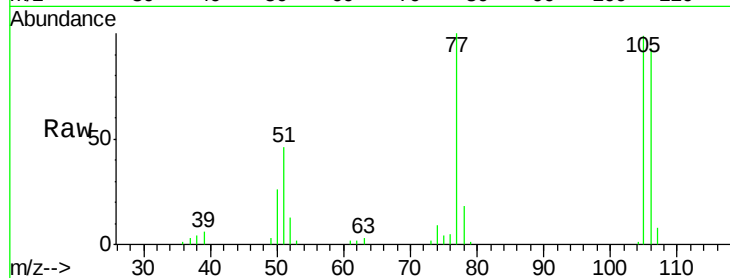




#9
Benzaldehyde
Concen: 21.598 ng
RT: 6.50 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

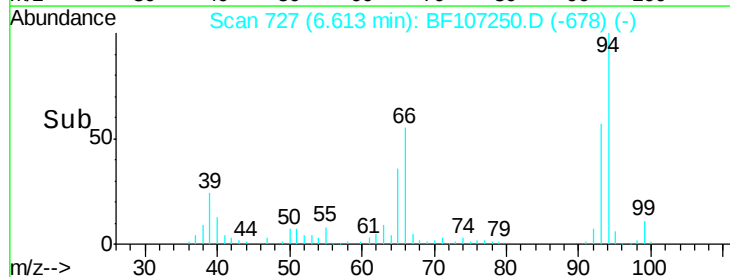
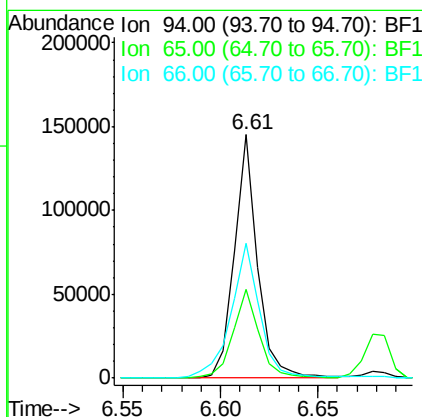
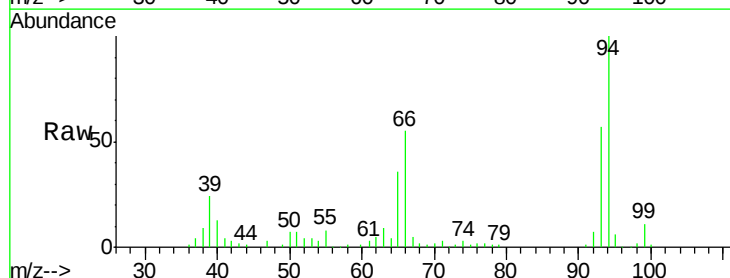
Instrument :
BNA_F
ClientSampleId :
PB110915BS

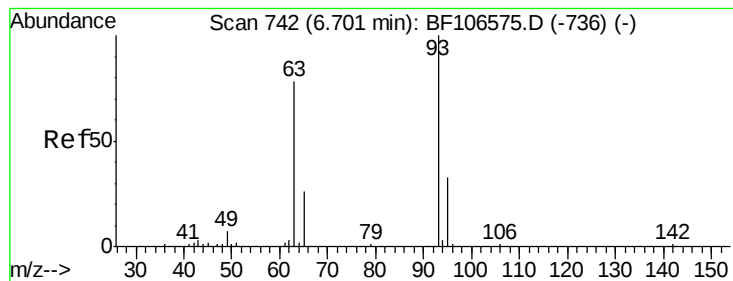
Tgt Ion: 77 Resp: 40912
Ion Ratio Lower Upper
77 100
105 98.7 81.1 121.1
106 93.3 74.5 114.5



#10
Phenol
Concen: 42.636 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion: 94 Resp: 119475
Ion Ratio Lower Upper
94 100
65 36.2 7.9 47.9
66 55.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.879 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

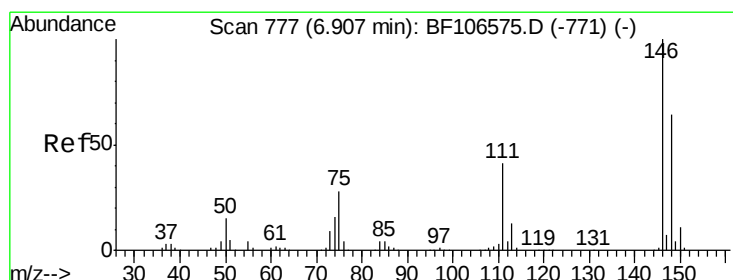
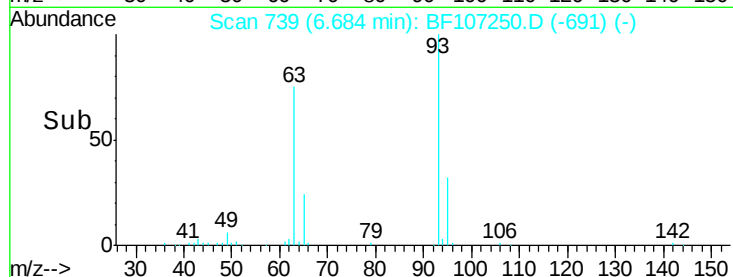
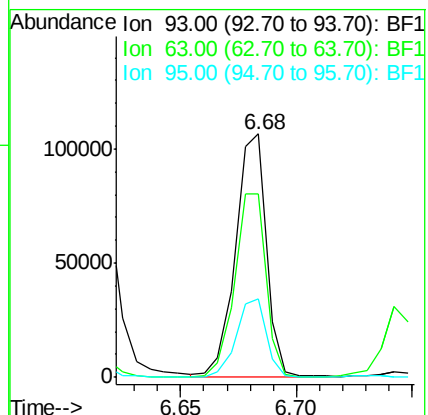
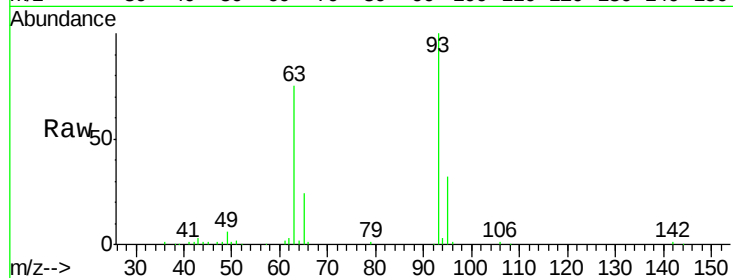
Tgt Ion: 93 Resp: 99193

Ion Ratio Lower Upper

93 100

63 75.2 58.6 98.6

95 32.3 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.500 ng

RT: 6.89 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

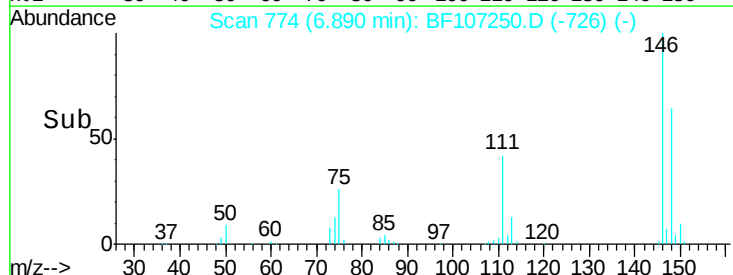
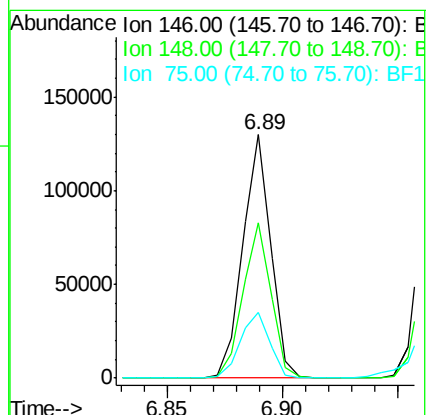
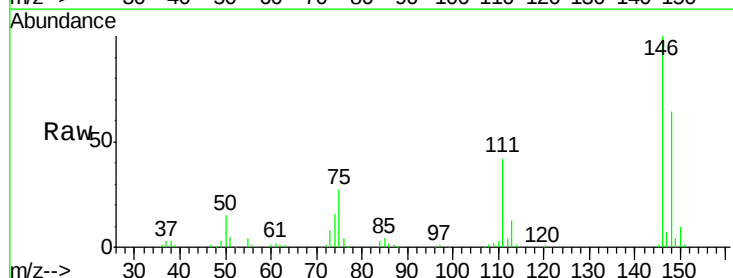
Tgt Ion: 146 Resp: 109873

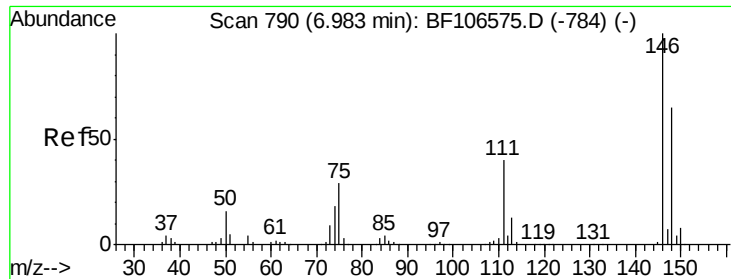
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

75 27.1 24.2 36.4

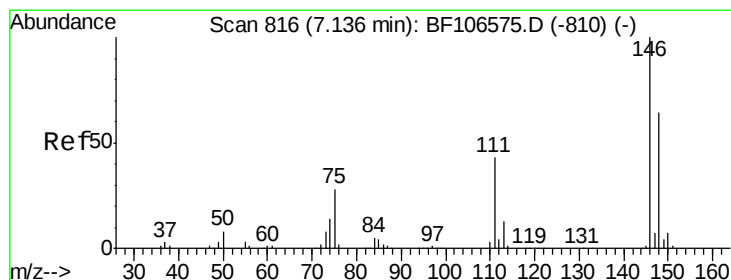
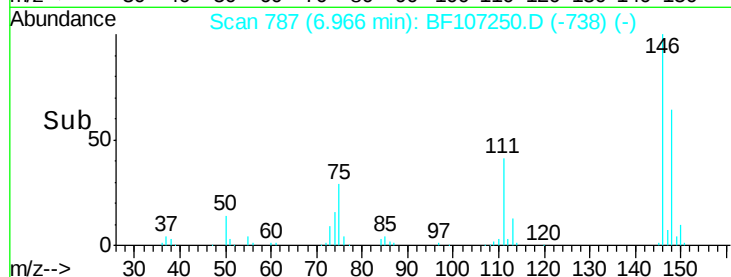
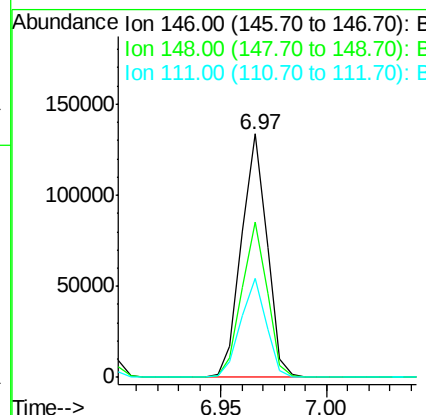
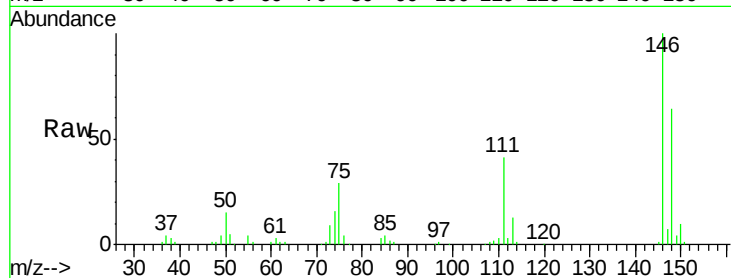




#13
 1,4-Dichlorobenzene
 Concen: 43.651 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

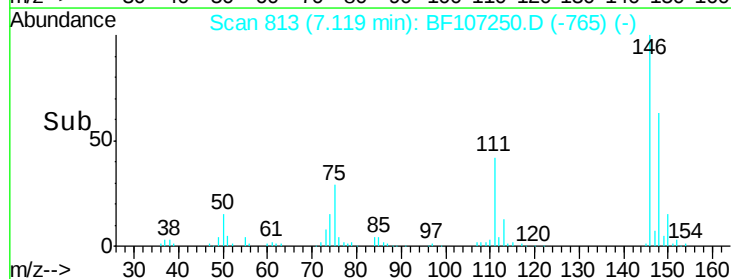
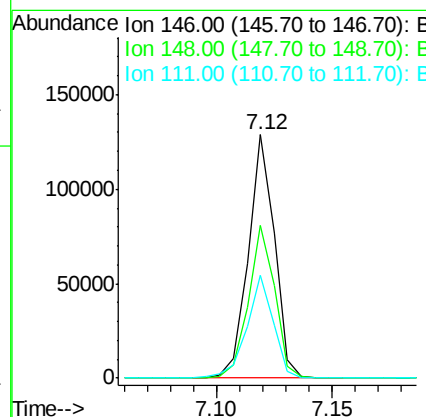
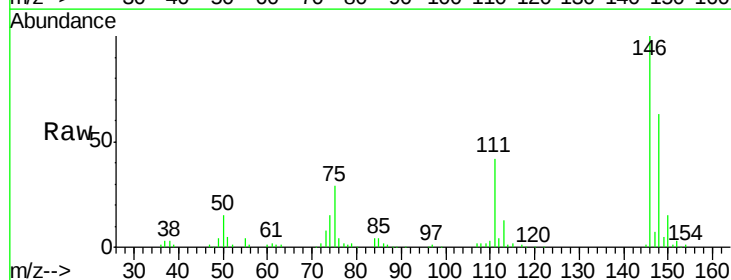
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

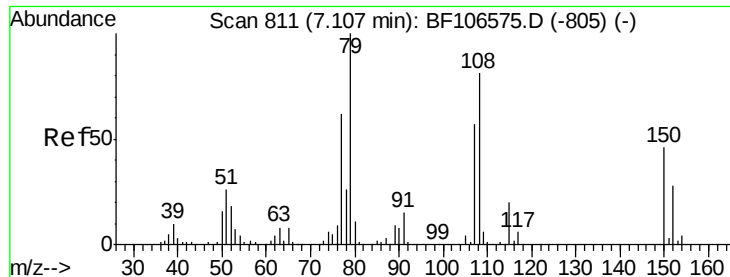
Tgt Ion:146 Resp: 111468
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 40.6 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.726 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:146 Resp: 102331
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.6 75.8
 111 42.0 36.0 54.0

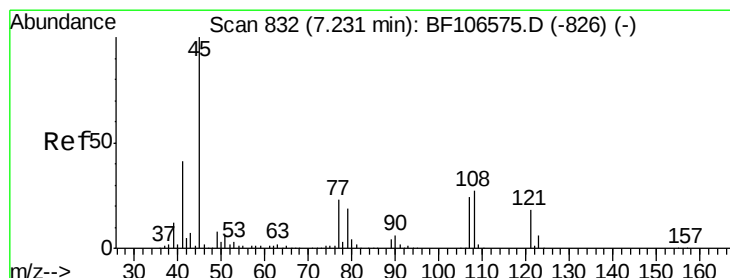
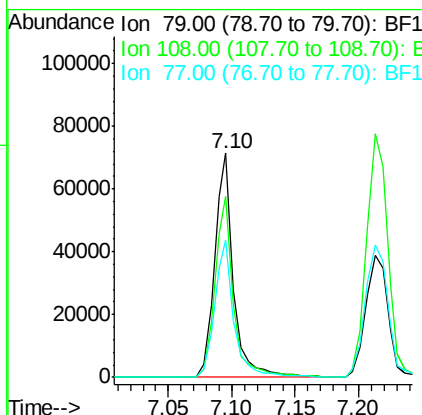
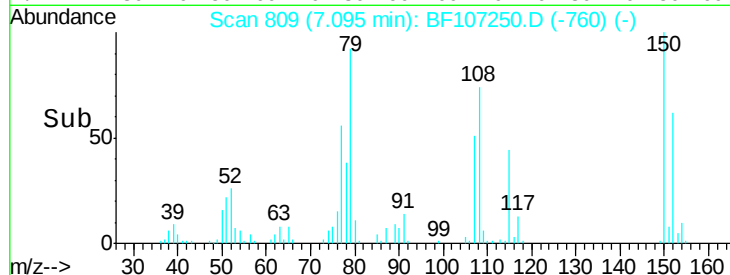
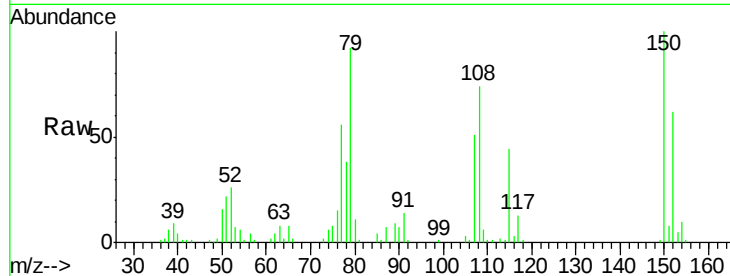




#15
Benzyl Alcohol
Concen: 37.876 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

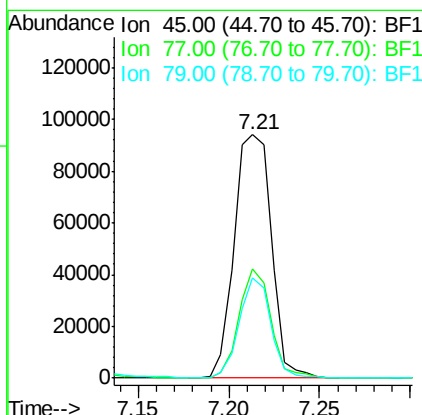
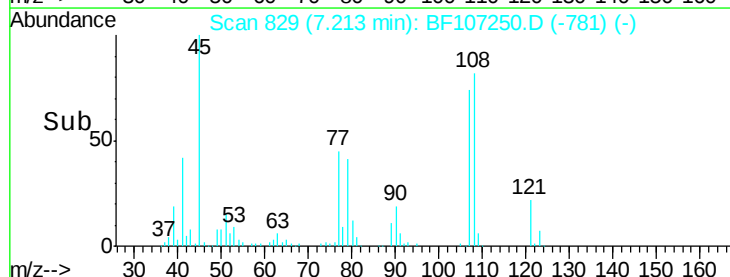
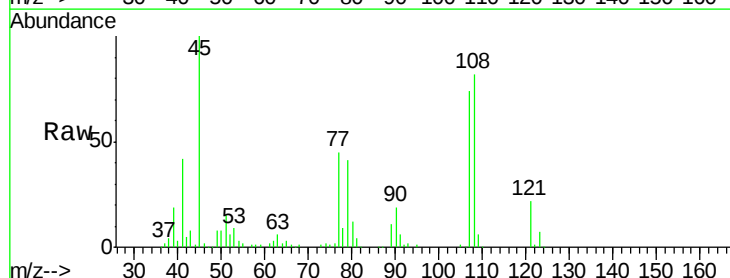
Instrument :
BNA_F
ClientSampleId :
PB110915BS

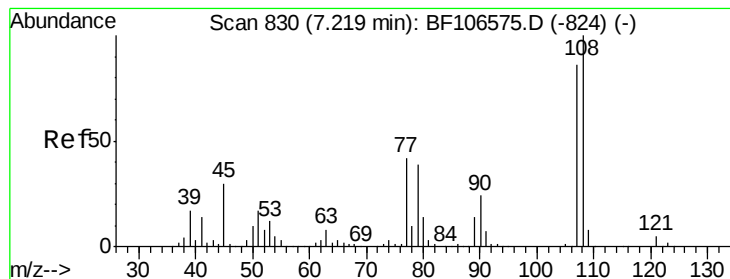
Tgt Ion: 79 Resp: 74676
Ion Ratio Lower Upper
79 100
108 80.6 65.1 97.7
77 61.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.084 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion: 45 Resp: 133803
Ion Ratio Lower Upper
45 100
77 44.9 0.0 32.9#
79 41.4 0.0 29.6#





#17

2-Methylphenol

Concen: 42.852 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

Tgt Ion:107 Resp: 79084

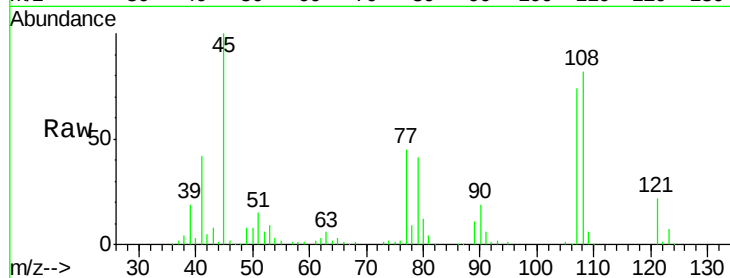
Ion Ratio Lower Upper

107 100

108 111.4 91.7 137.5

77 60.6 33.8 50.8#

79 55.9 33.8 50.8#

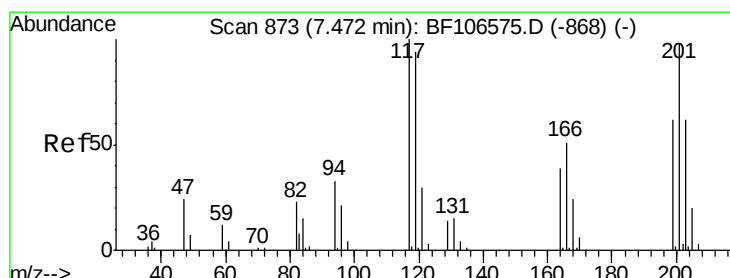
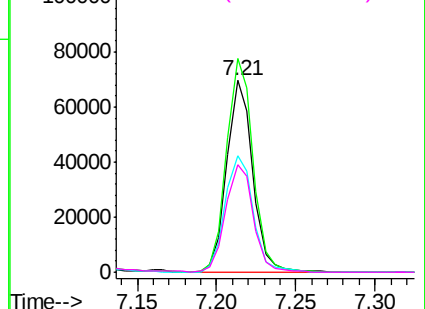
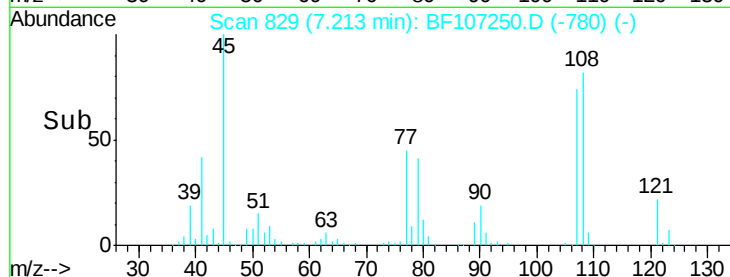


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 22.665 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

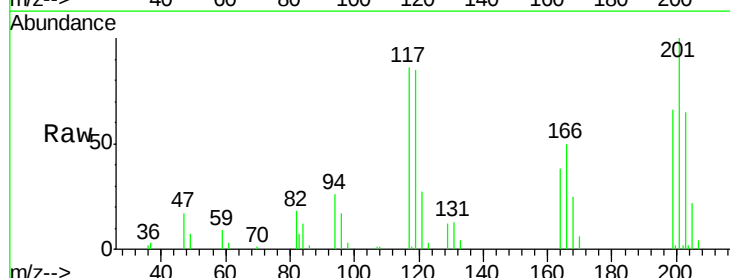
Tgt Ion:117 Resp: 20353

Ion Ratio Lower Upper

117 100

119 98.7 75.8 113.8

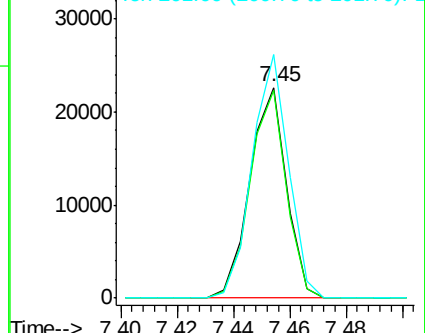
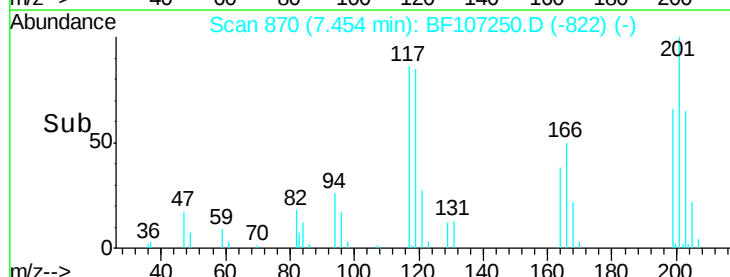
201 115.7 75.7 113.5#

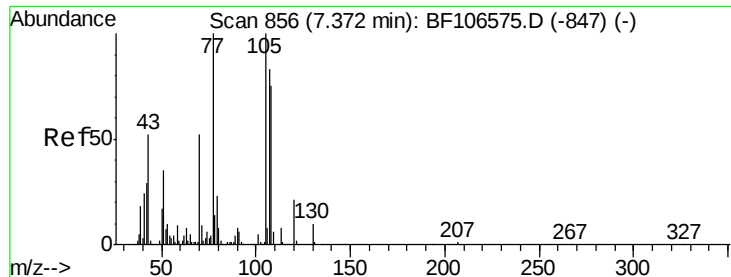


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

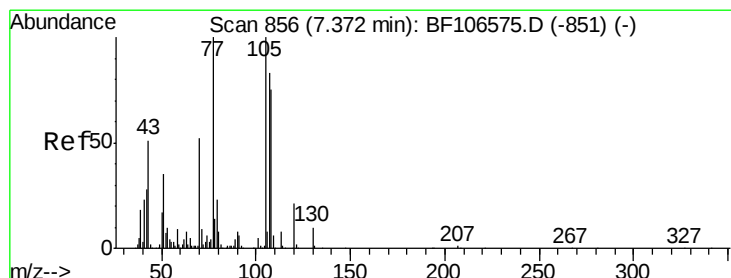
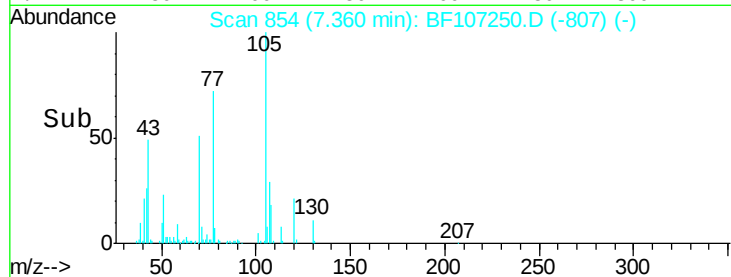
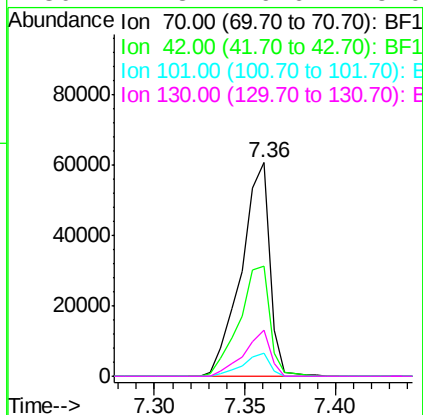
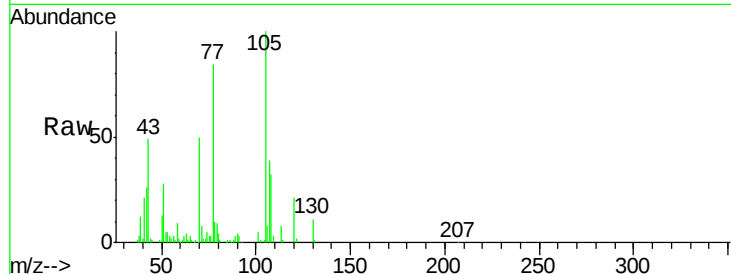




#19
n-Nitroso-di-n-propylamine
Concen: 40.988 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

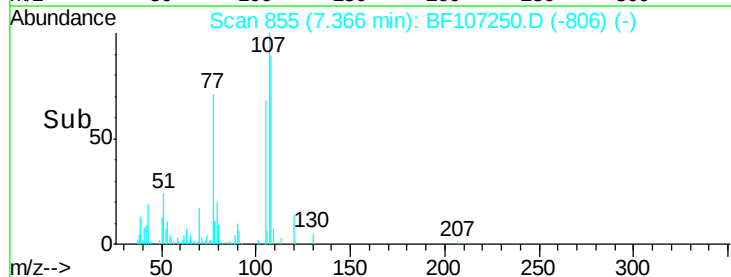
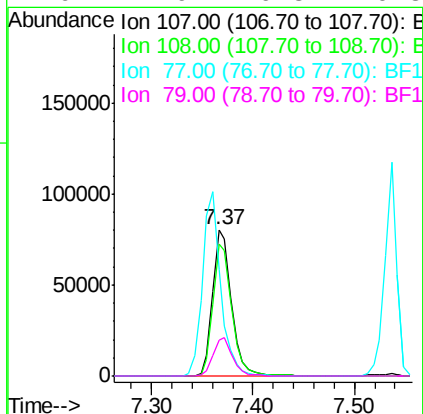
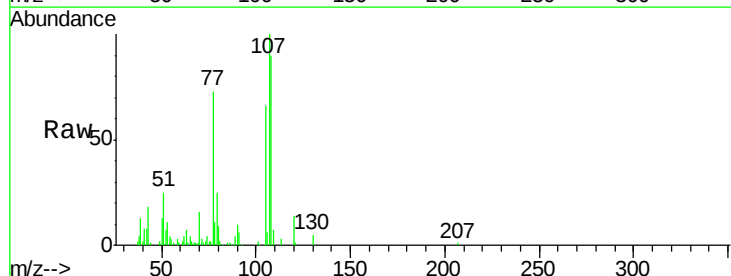
Instrument :
BNA_F
ClientSampleId :
PB110915BS

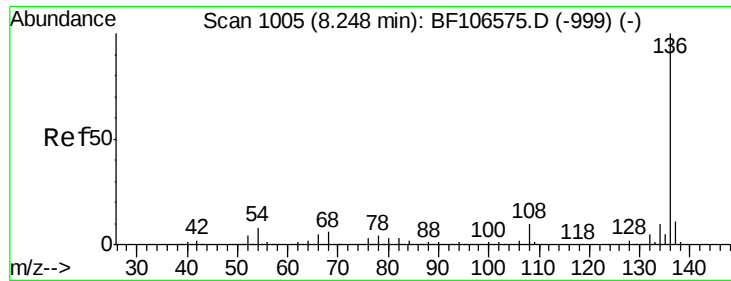
Tgt Ion:	70	Resp:	66340
Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	10.7	7.4	11.2
130	21.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 56.707 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:	107	Resp:	104826
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	72.7	26.7	66.7#
79	24.9	6.3	46.3

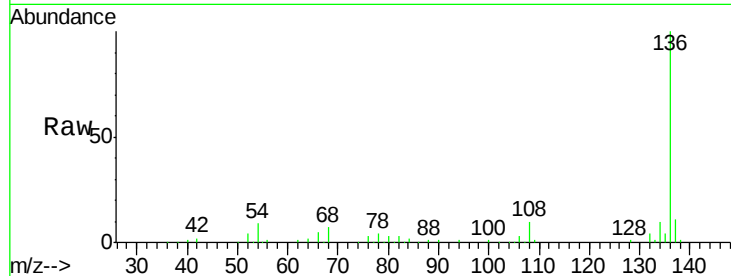




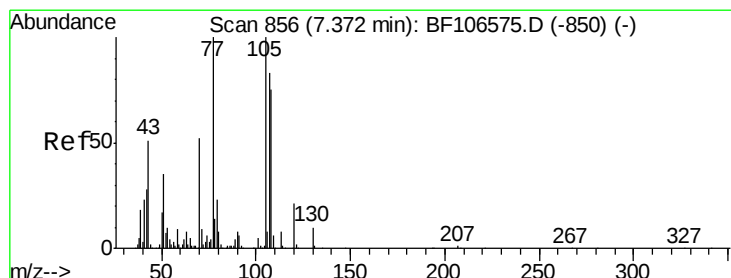
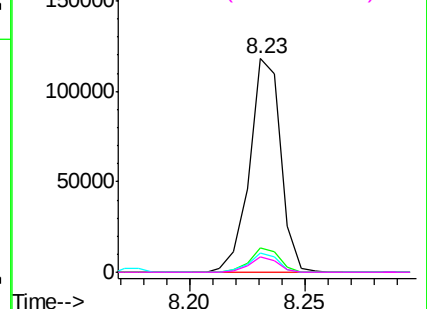
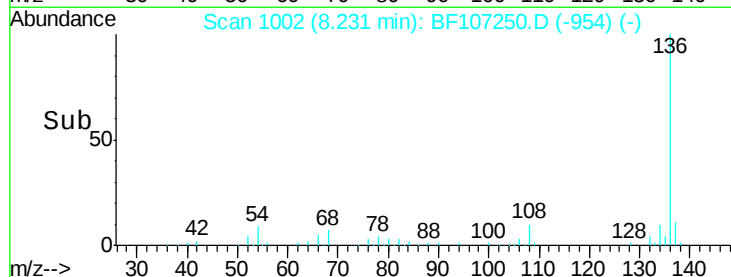
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion:	136	Resp:	111726
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.9	6.6	9.8
68	7.0	5.0	7.4

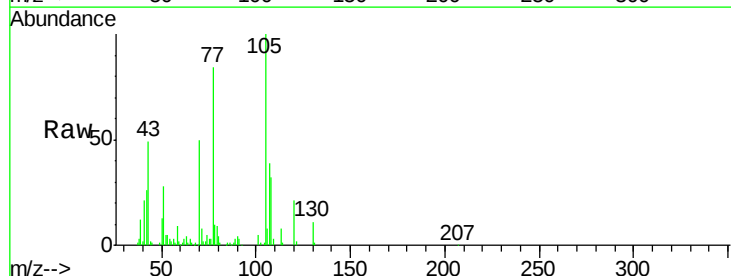


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

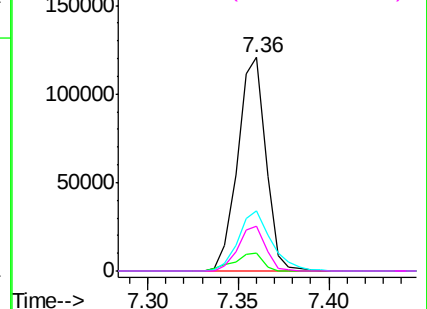
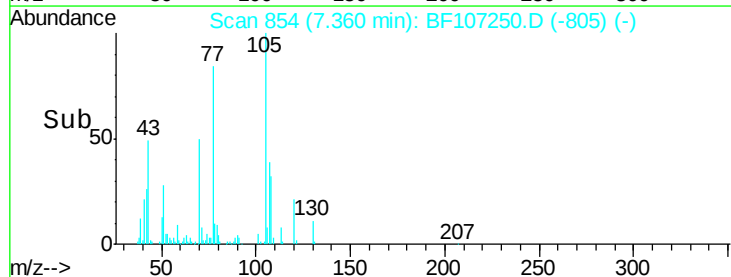


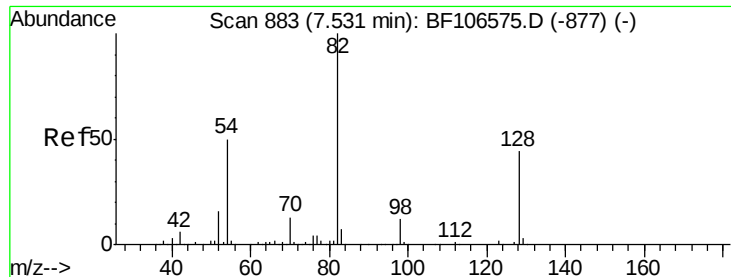
#22
Acetophenone
Concen: 52.047 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:	105	Resp:	130097
Ion	Ratio	Lower	Upper
105	100		
71	8.3	4.4	6.6#
51	28.2	22.3	33.5
120	21.3	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

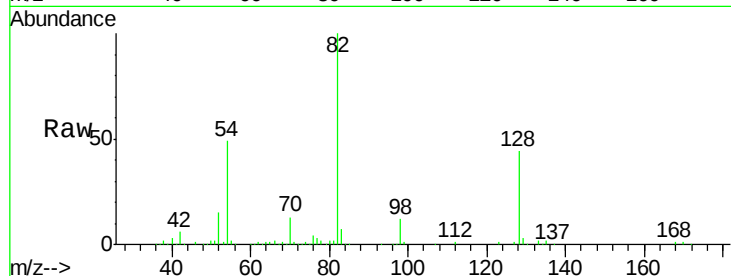




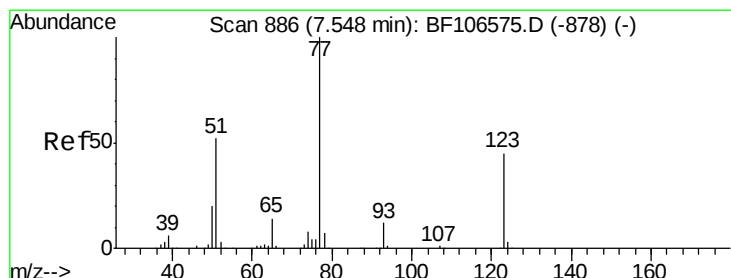
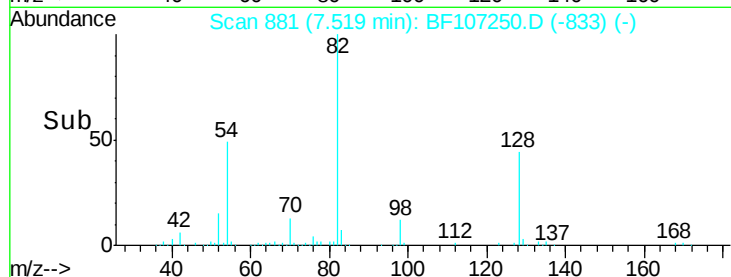
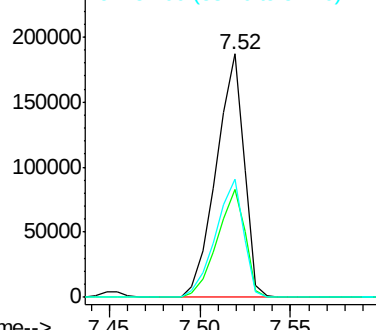
#23
Nitrobenzene-d5
Concen: 99.424 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.7	41.4	62.2

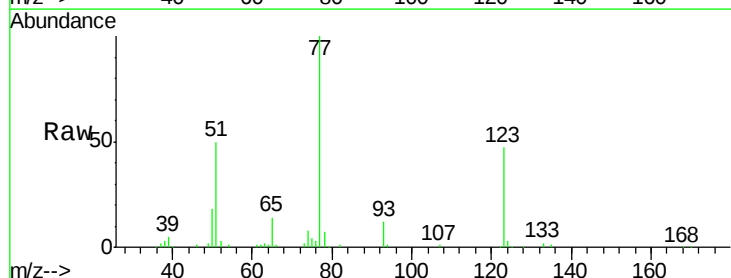


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

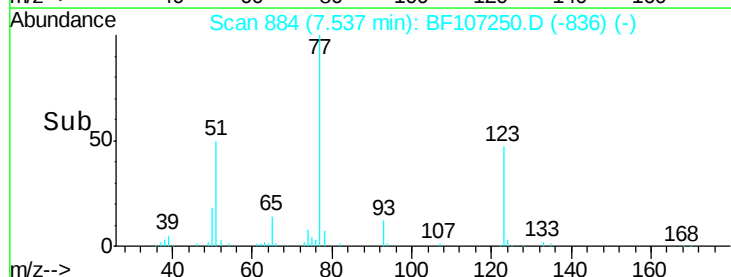
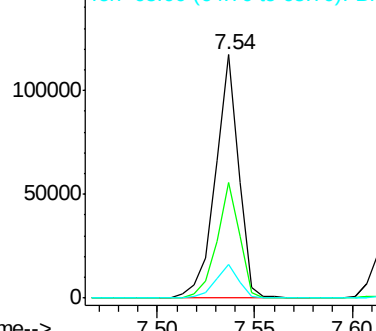


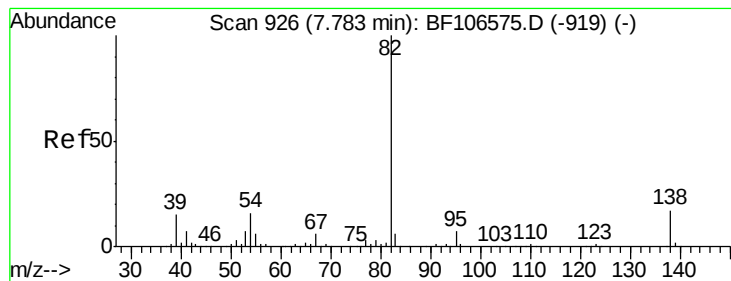
#24
Nitrobenzene
Concen: 47.071 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	13.7	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: 50.677 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

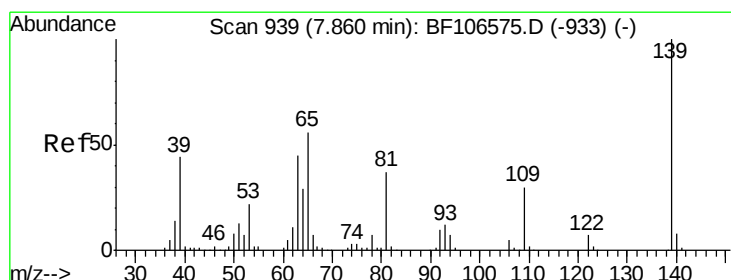
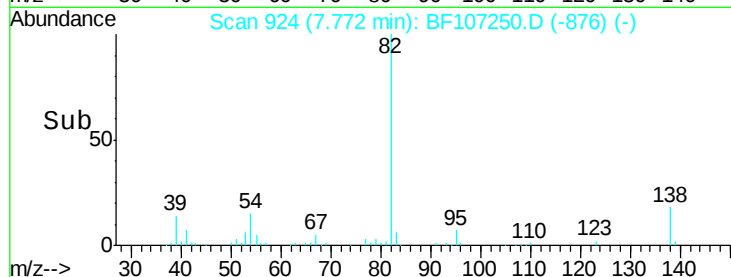
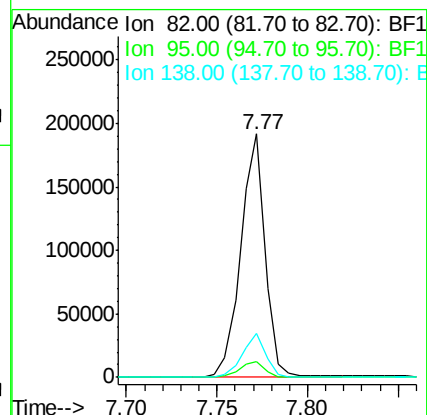
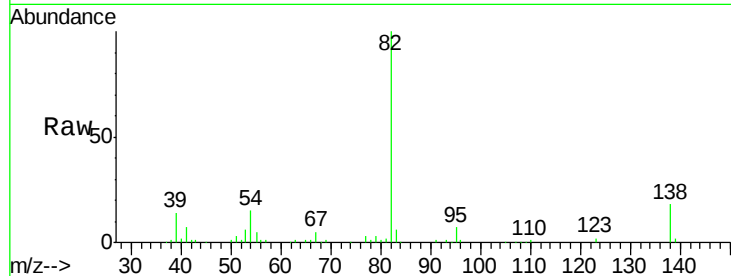
Tgt Ion: 82 Resp: 179532

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.2 14.9 22.3



#26

2-Nitrophenol

Concen: 35.940 ng

RT: 7.85 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

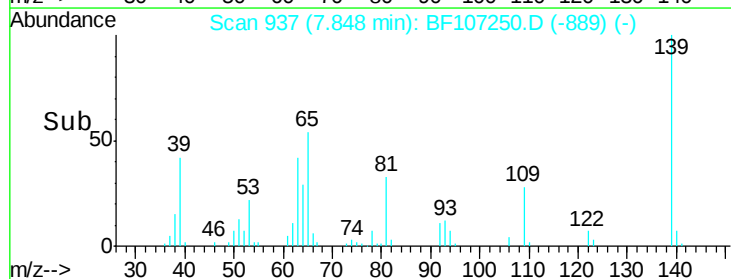
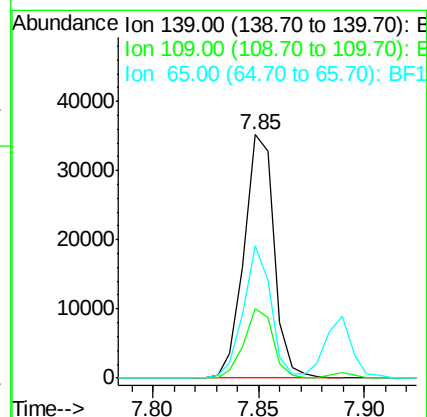
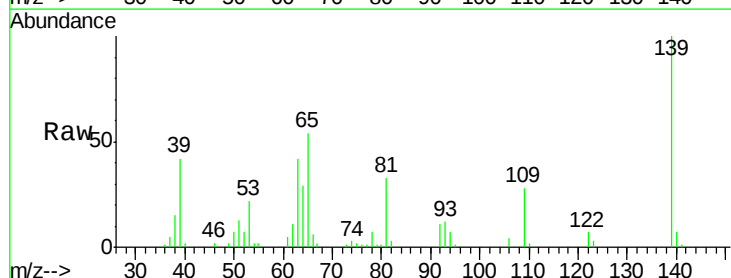
Tgt Ion: 139 Resp: 34824

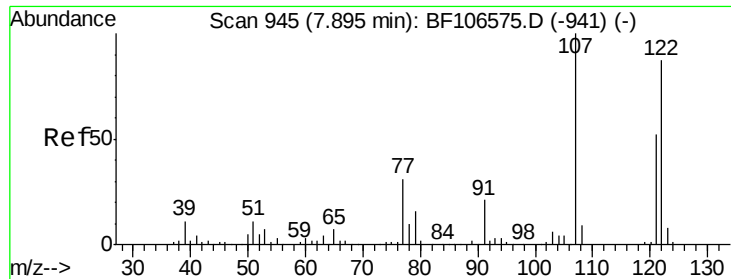
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 54.1 40.5 60.7

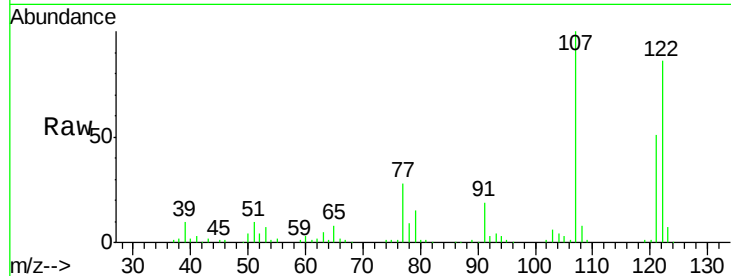




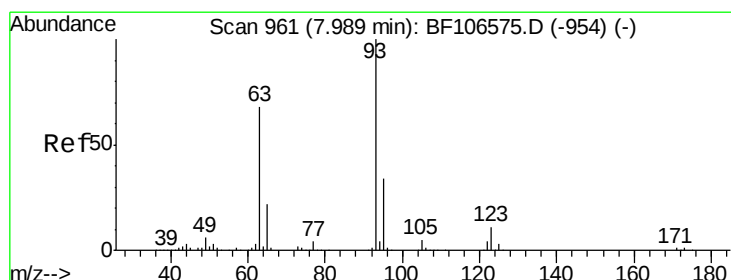
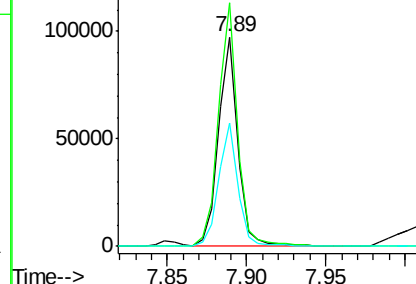
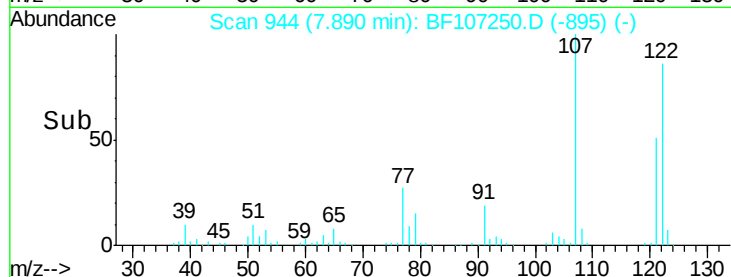
#27
 2,4-Dimethylphenol
 Concen: 55.340 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Tgt Ion: 122 Resp: 82880
 Ion Ratio Lower Upper
 122 100
 107 116.4 91.2 136.8
 121 59.0 47.2 70.8

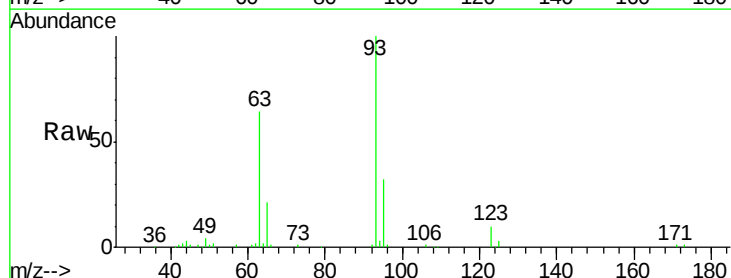


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

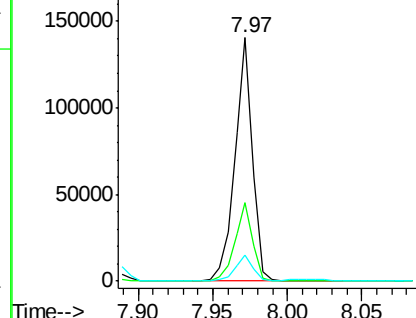
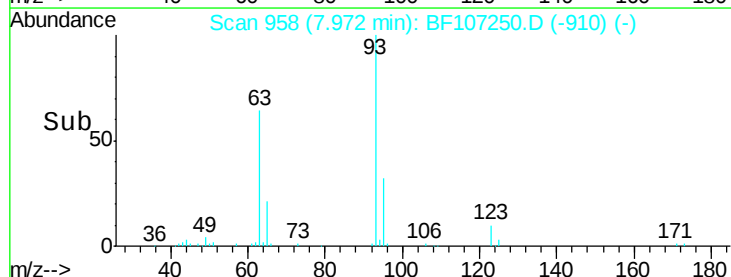


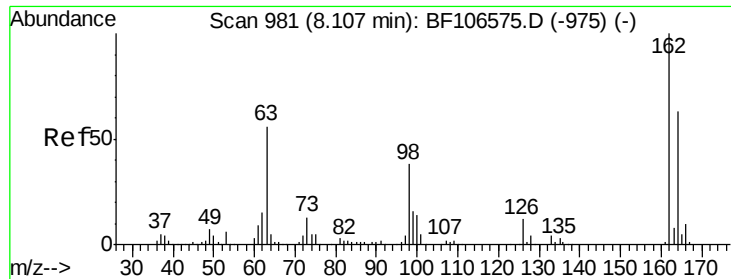
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.431 ng
 RT: 7.97 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion: 93 Resp: 117577
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 10.5 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

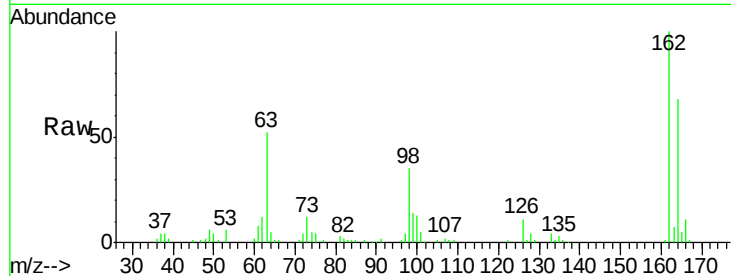




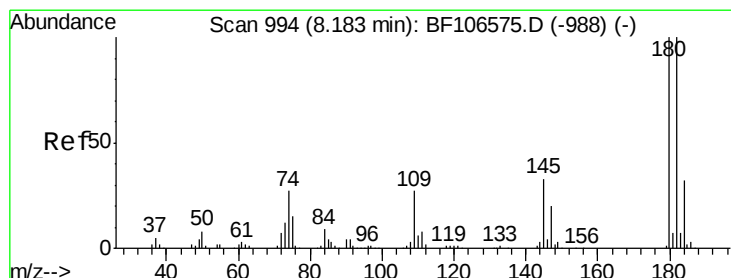
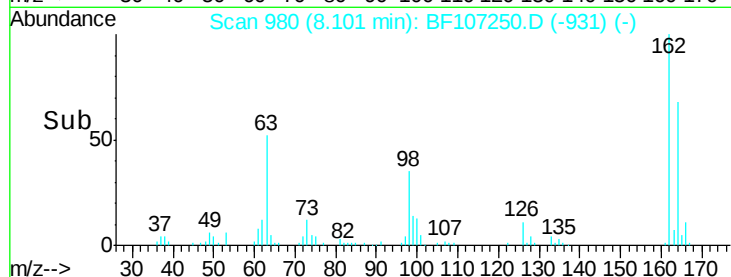
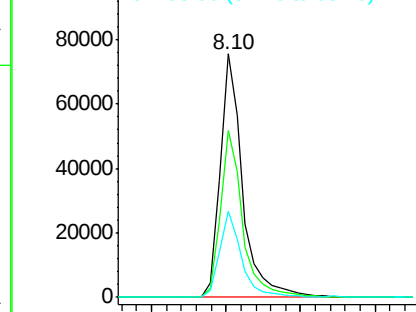
#29
 2,4-Dichlorophenol
 Concen: 50.398 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Tgt Ion:162 Resp: 79021
 Ion Ratio Lower Upper
 162 100
 164 68.5 42.7 82.7
 98 35.2 18.1 58.1

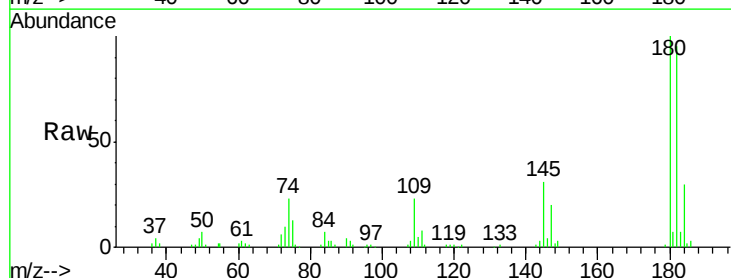


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

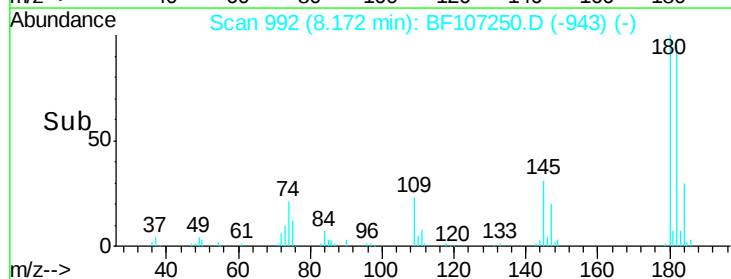
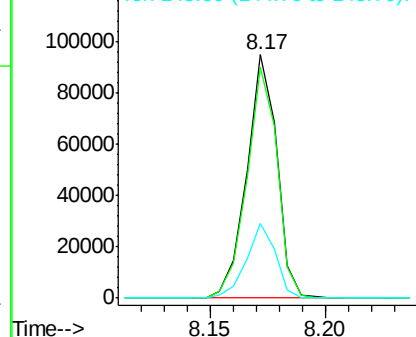


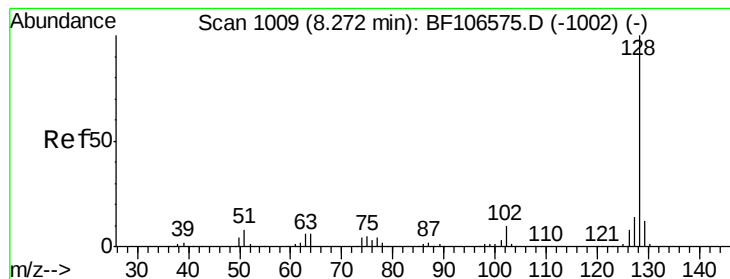
#30
 1,2,4-Trichlorobenzene
 Concen: 50.148 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:180 Resp: 86620
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.8 115.2
 145 30.5 26.5 39.7



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





#31

Naphthalene

Concen: 47.871 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

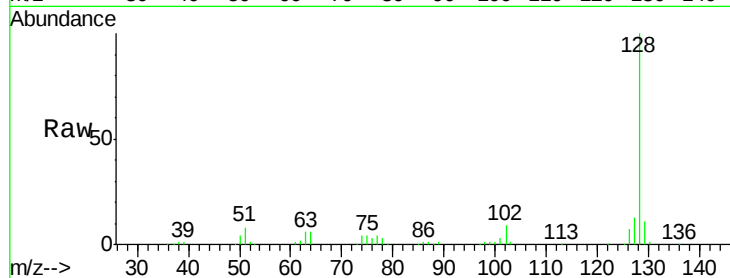
Tgt Ion:128 Resp: 250055

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

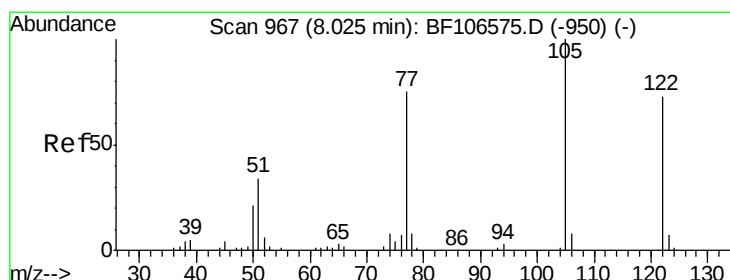
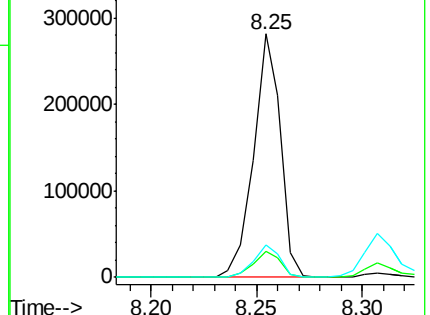
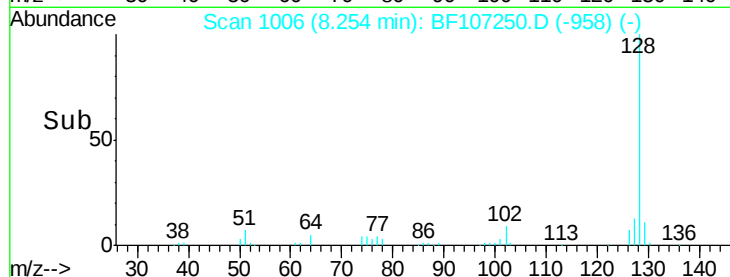
127 13.1 10.9 16.3



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: 27.566 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

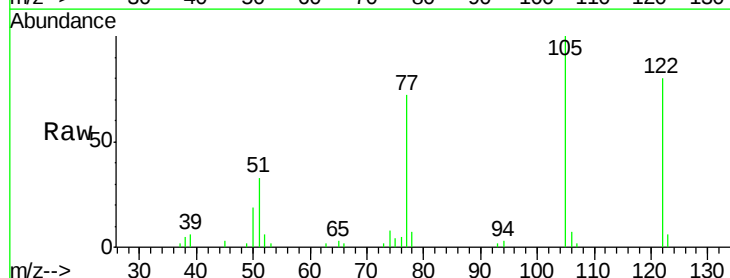
Tgt Ion:122 Resp: 27012

Ion Ratio Lower Upper

122 100

105 125.3 101.1 141.1

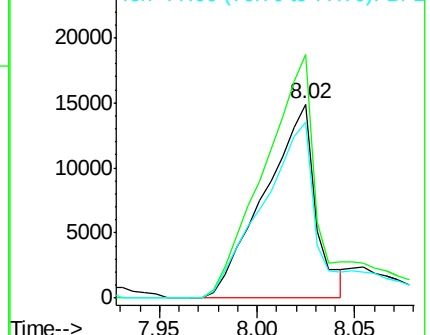
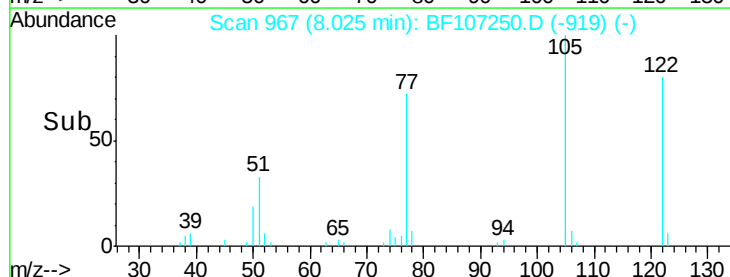
77 90.7 70.7 110.7

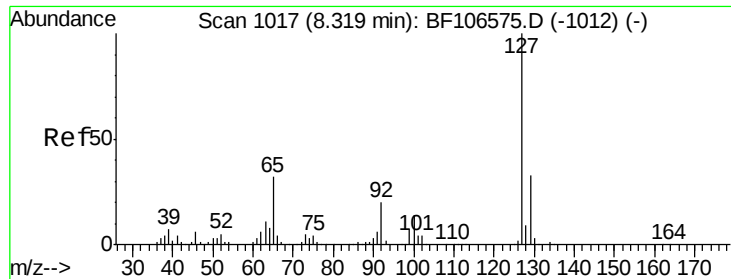


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

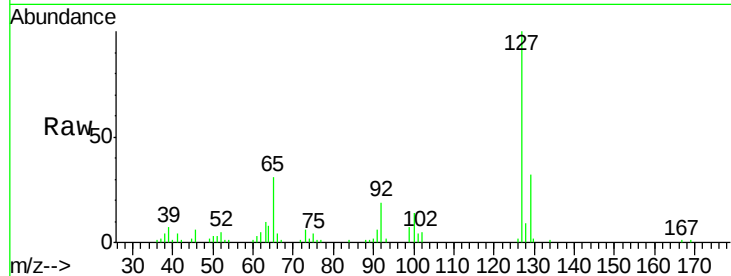




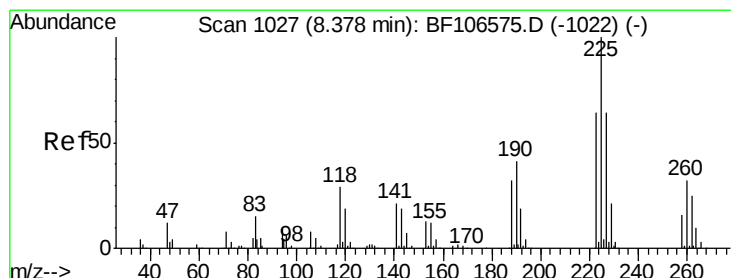
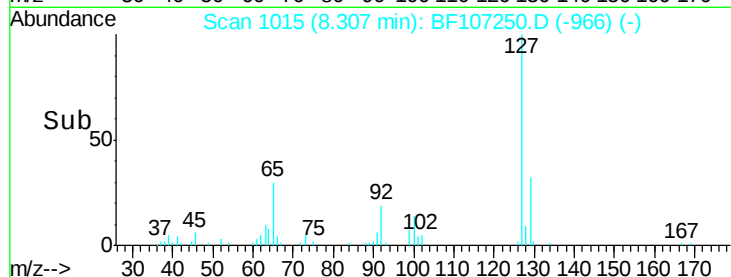
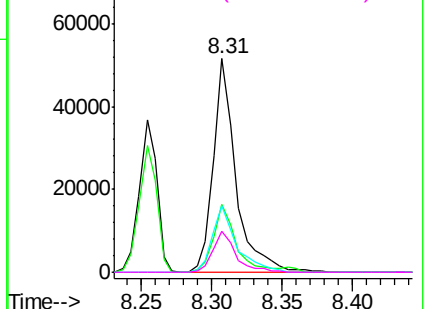
#33
4-Chloroaniline
Concen: 26.244 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion:	127	Resp:	57521
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	31.0	25.0	37.4
92	19.3	15.2	22.8

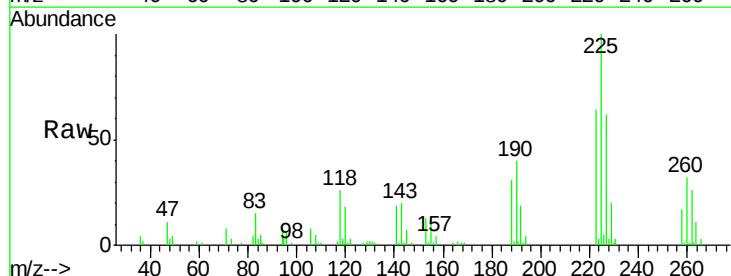


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

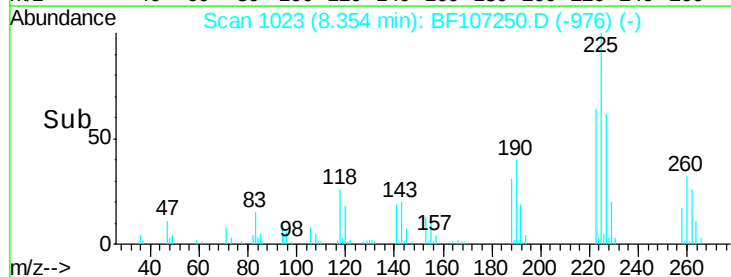
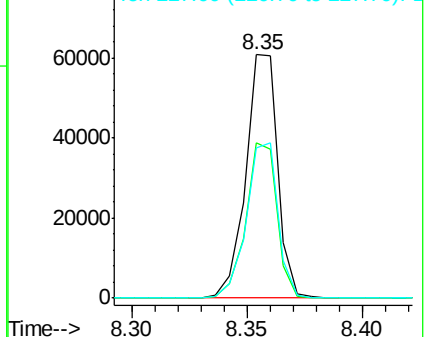


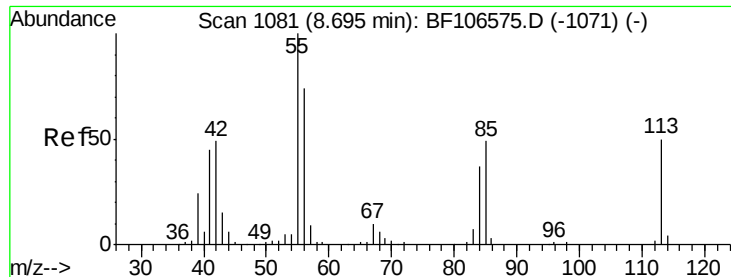
#34
Hexachlorobutadiene
Concen: 52.266 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:	225	Resp:	58825
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	61.6	51.9	77.9



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

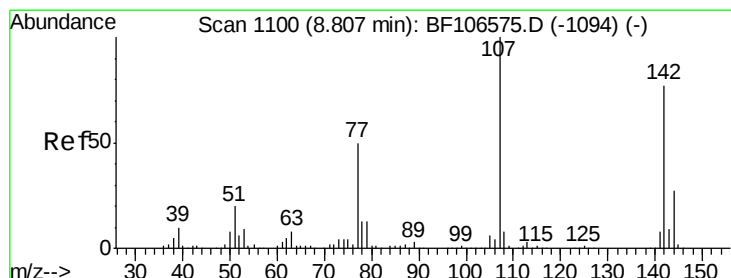
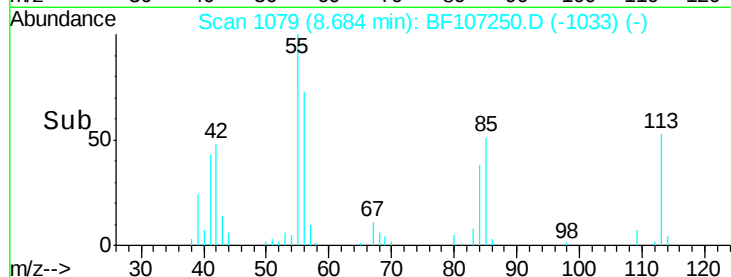
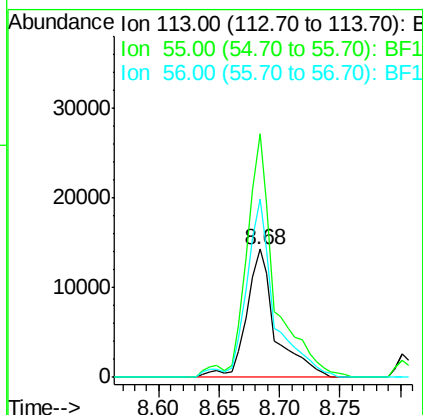
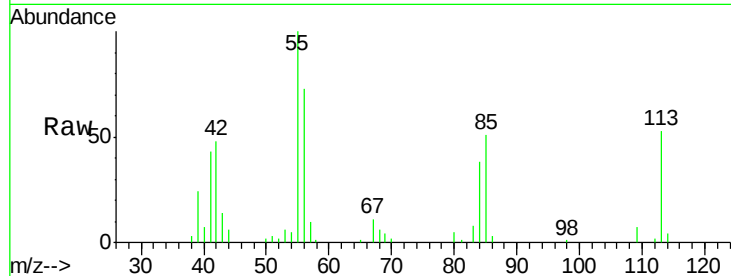




#35
 Caprolactam
 Concen: 46.826 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

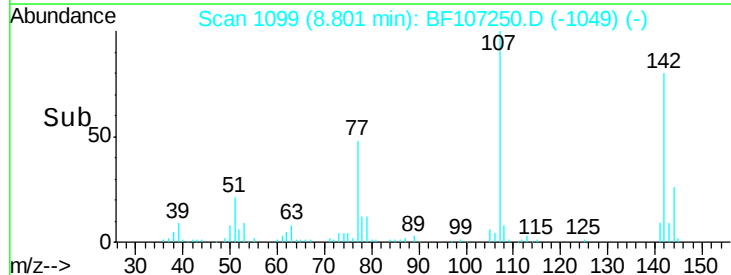
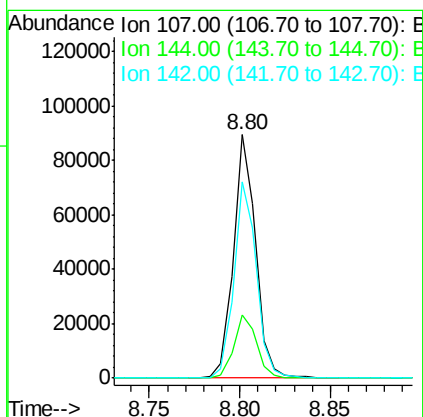
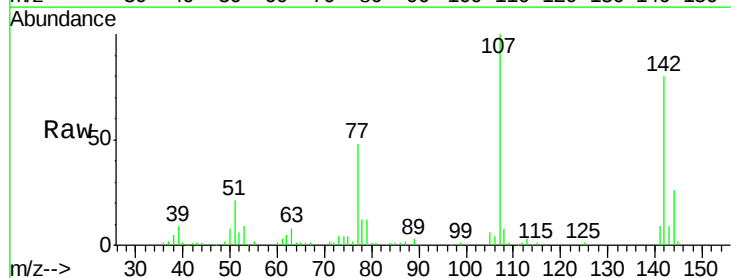
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

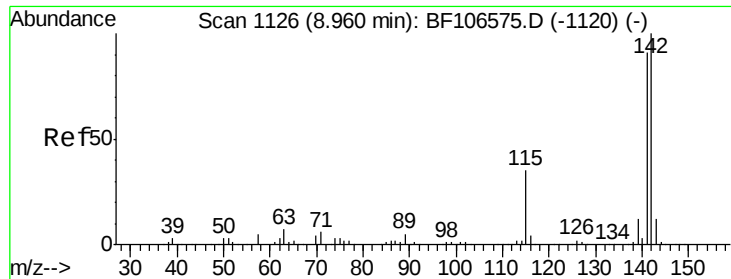
Tgt Ion:113 Resp: 23933
 Ion Ratio Lower Upper
 113 100
 55 190.4 163.3 203.3
 56 139.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.382 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:107 Resp: 76547
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.4 62.0 93.0

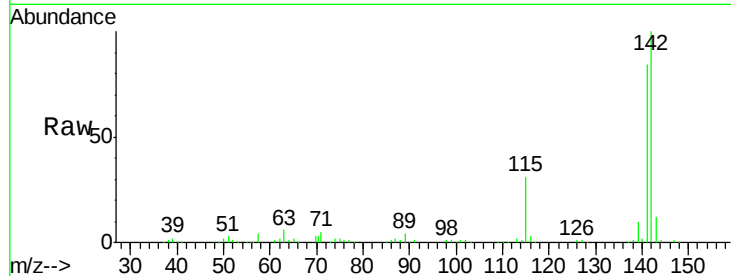




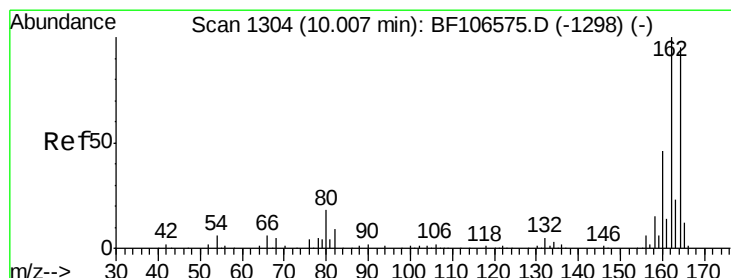
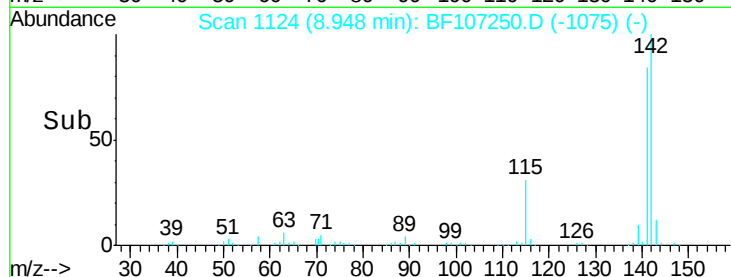
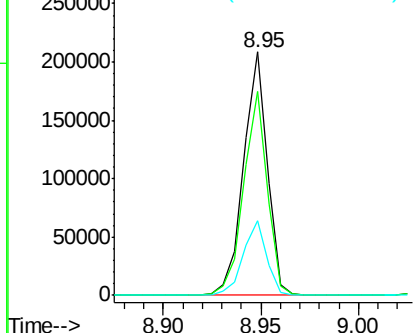
#37
 2-Methylnaphthalene
 Concen: 51.095 ng
 RT: 8.95 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Tgt Ion:142 Resp: 176906
 Ion Ratio Lower Upper
 142 100
 141 83.7 70.8 106.2
 115 30.6 26.1 39.1

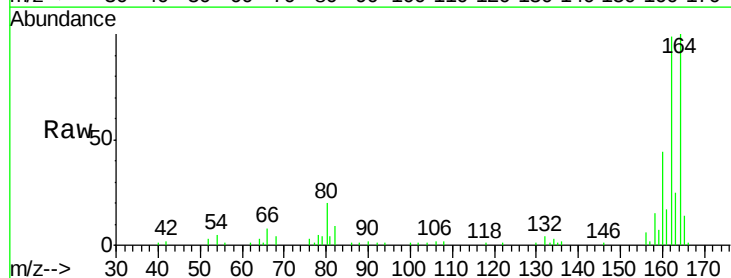


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

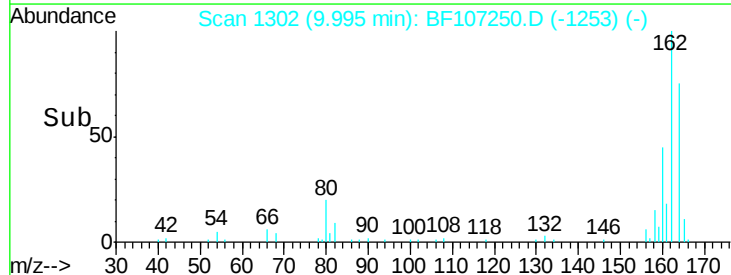
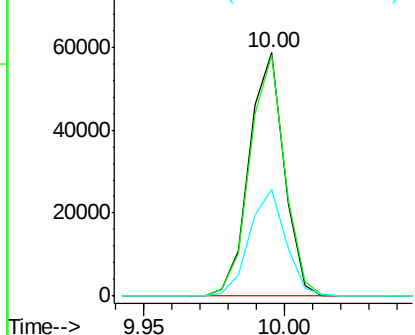


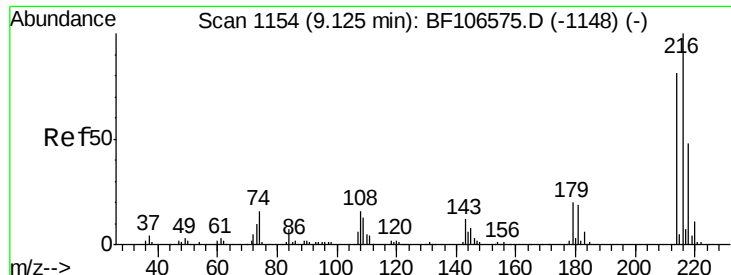
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:164 Resp: 50088
 Ion Ratio Lower Upper
 164 100
 162 98.9 86.1 129.1
 160 43.9 38.3 57.5



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

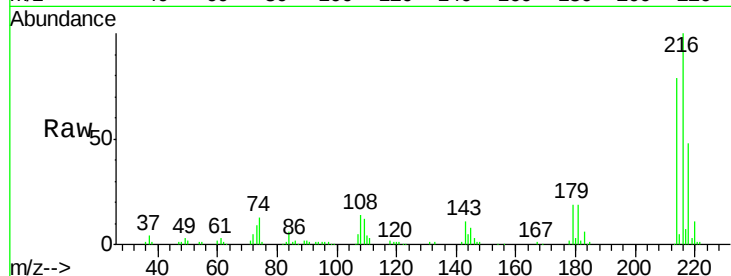




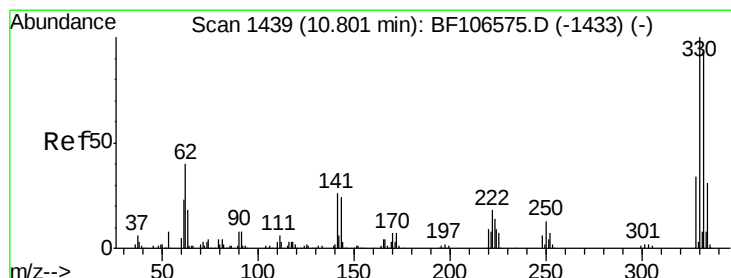
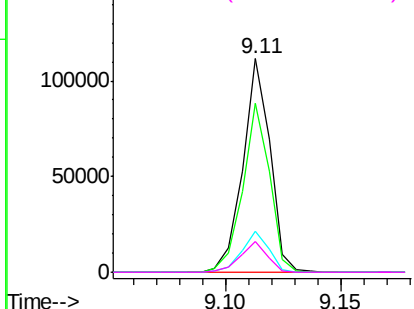
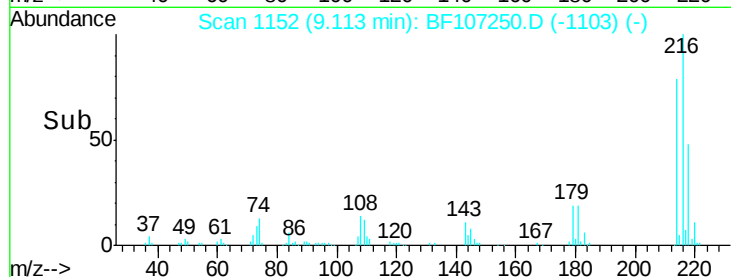
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.291 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Tgt Ion:216 Resp: 91578
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.0 94.4
 179 19.1 18.1 27.1
 108 14.0 17.2 25.8#

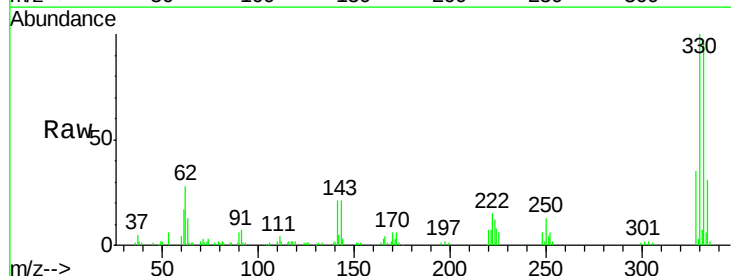


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

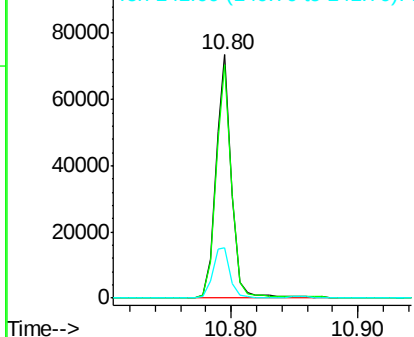
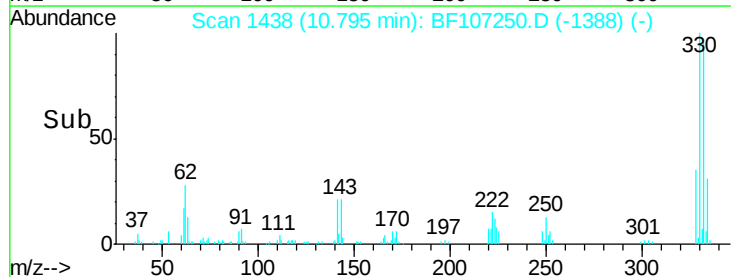


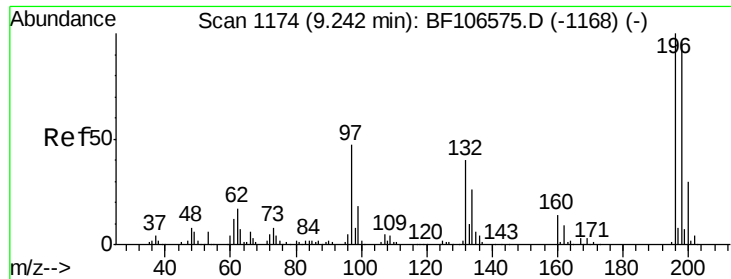
#41
 2,4,6-Tribromophenol
 Concen: 108.796 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:330 Resp: 63160
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 23.1 29.9 44.9#



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

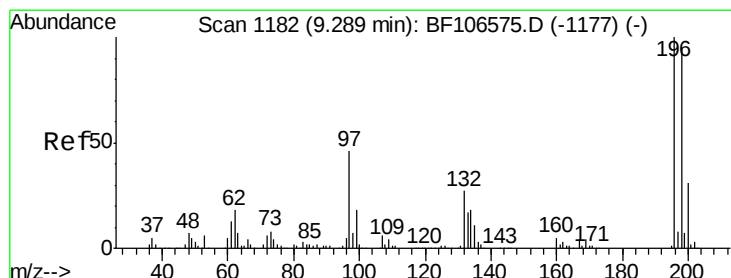
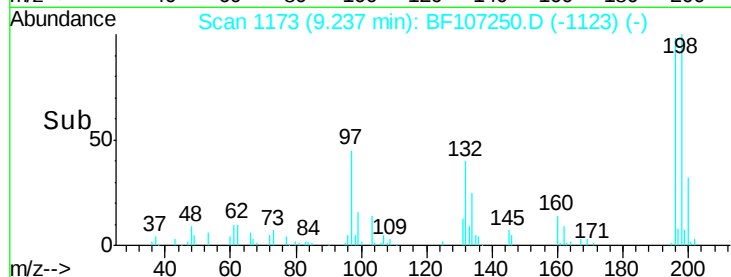
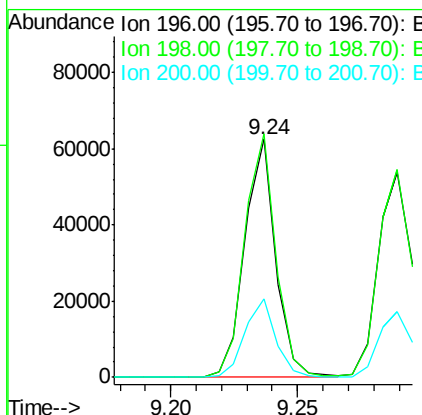
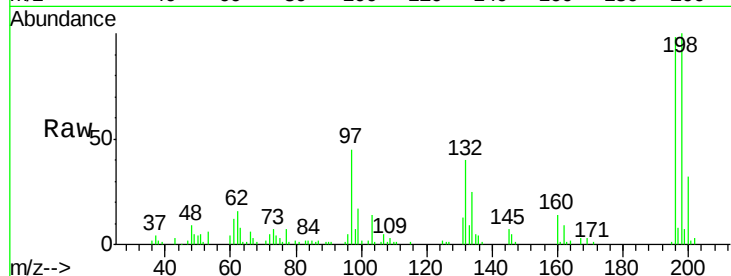




#42
2,4,6-Trichlorophenol
Concen: 47.140 ng
RT: 9.24 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

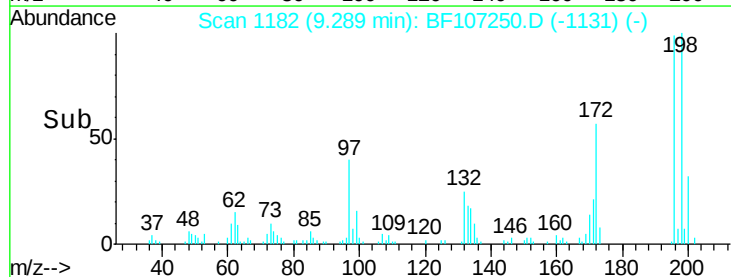
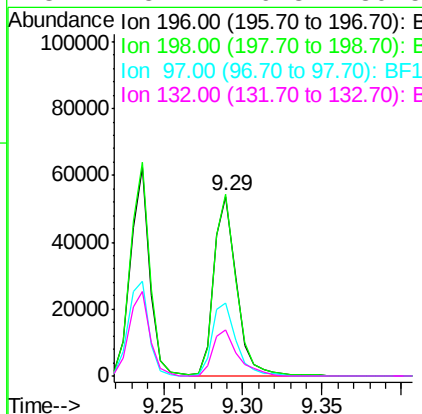
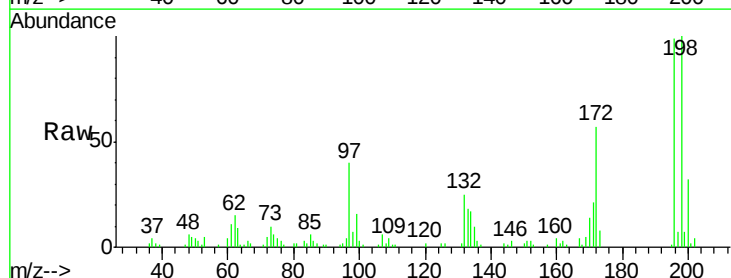
Instrument :
BNA_F
ClientSampleId :
PB110915BS

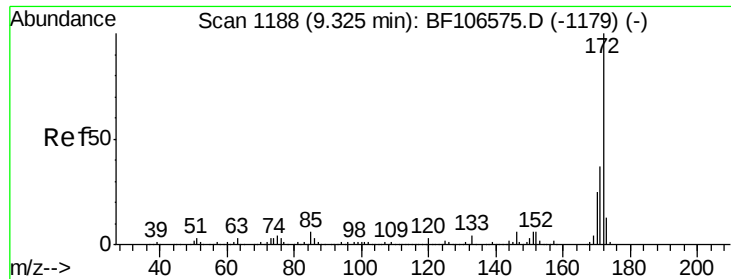
Tgt Ion:196 Resp: 52856
Ion Ratio Lower Upper
196 100
198 102.3 75.7 113.5
200 33.2 24.5 36.7



#43
2,4,5-Trichlorophenol
Concen: 46.288 ng
RT: 9.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:196 Resp: 54156
Ion Ratio Lower Upper
196 100
198 101.5 74.6 112.0
97 40.9 42.9 64.3#
132 25.4 26.3 39.5#

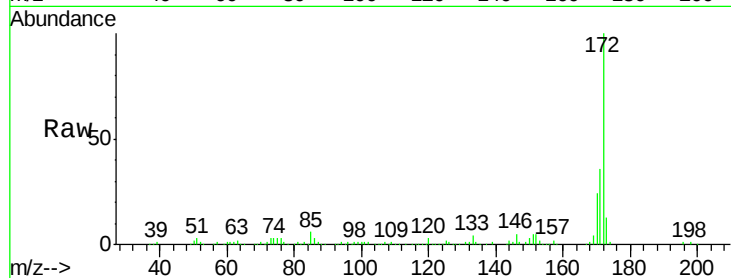




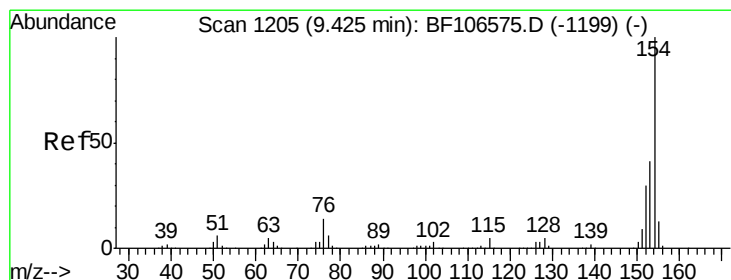
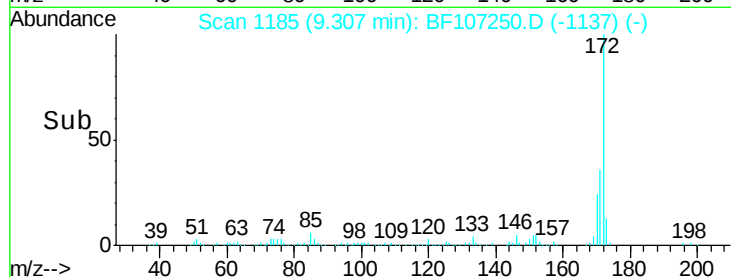
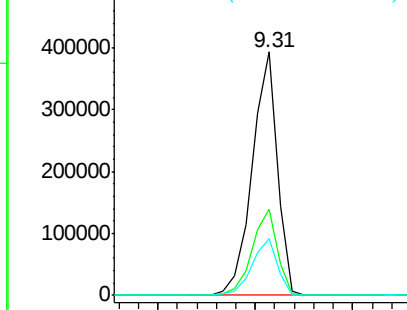
#44
 2-Fluorobiphenyl
 Concen: 125.734 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

Tgt Ion:172 Resp: 351152
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.6 19.6 29.4

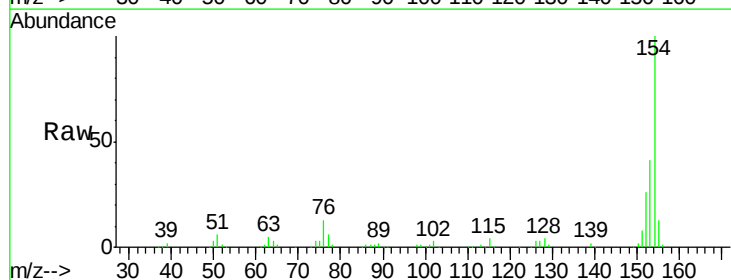


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

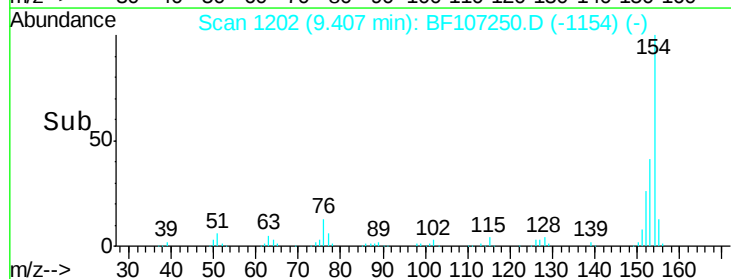
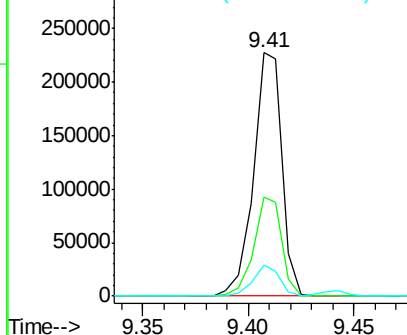


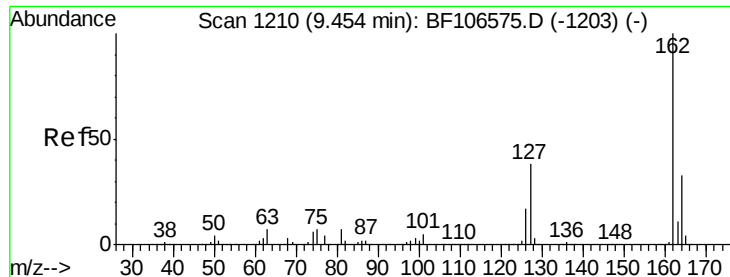
#45
 1,1'-Biphenyl
 Concen: 53.267 ng
 RT: 9.41 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:154 Resp: 212628
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 12.6 0.0 34.0



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

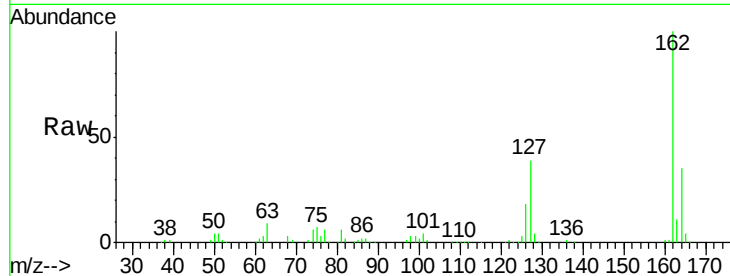




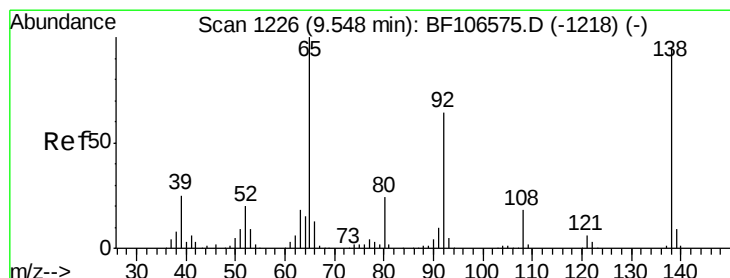
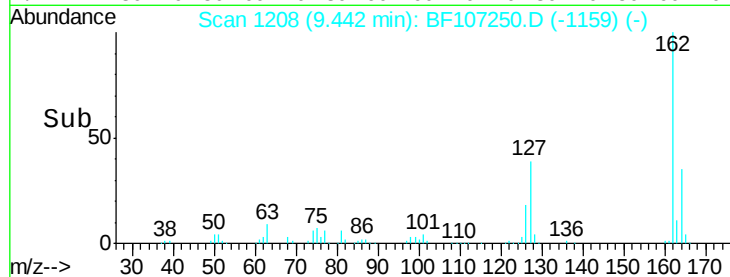
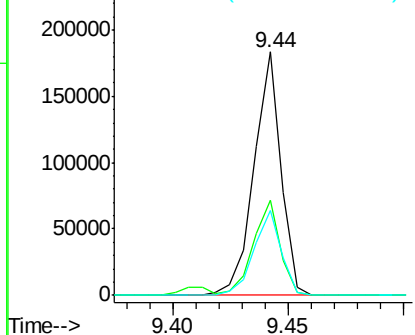
#46
2-Chloronaphthalene
Concen: 47.610 ng
RT: 9.44 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion: 162 Resp: 149595
Ion Ratio Lower Upper
162 100
127 38.9 33.9 50.9
164 34.9 26.5 39.7

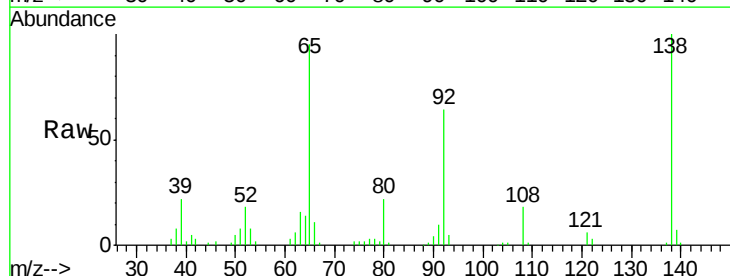


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

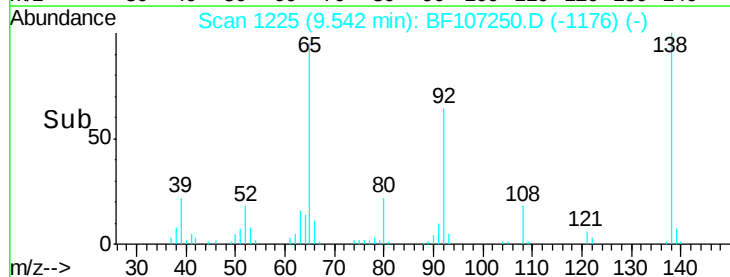
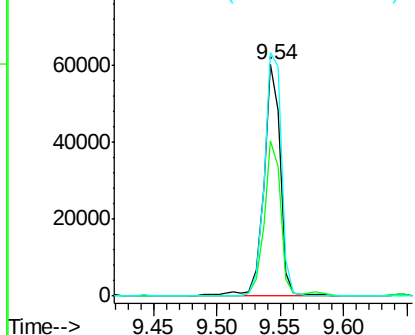


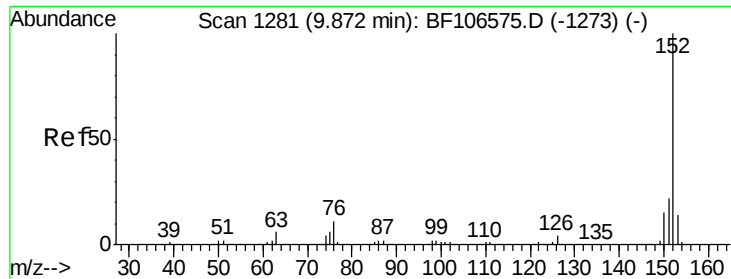
#47
2-Nitroaniline
Concen: 52.437 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion: 65 Resp: 55404
Ion Ratio Lower Upper
65 100
92 67.0 55.8 83.6
138 105.1 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): E





#48

Acenaphthylene

Concen: 48.281 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

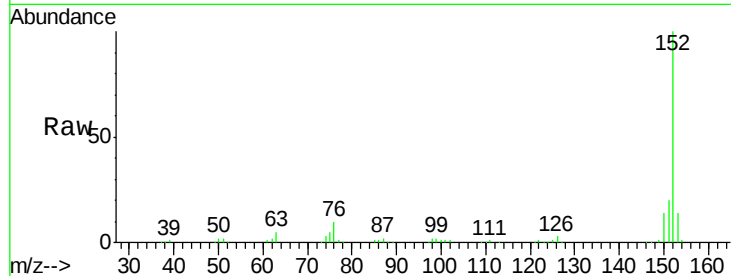
Tgt Ion:152 Resp: 239509

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

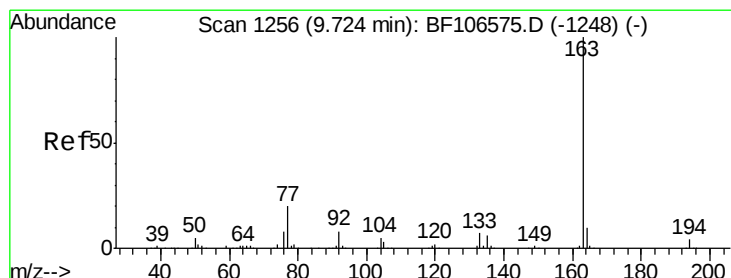
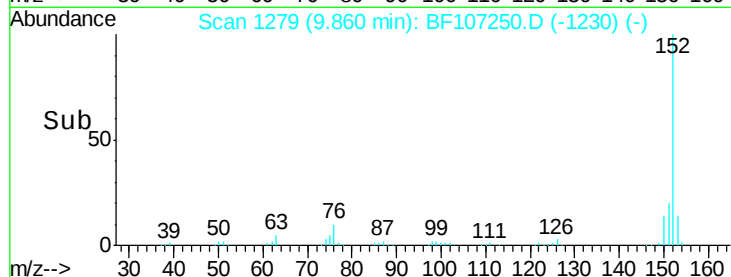
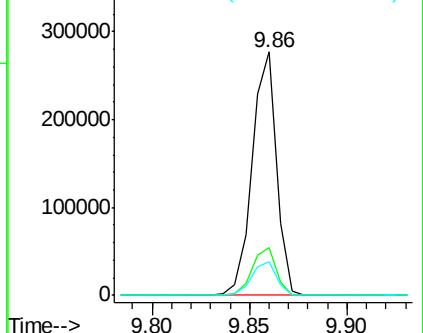
153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.926 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

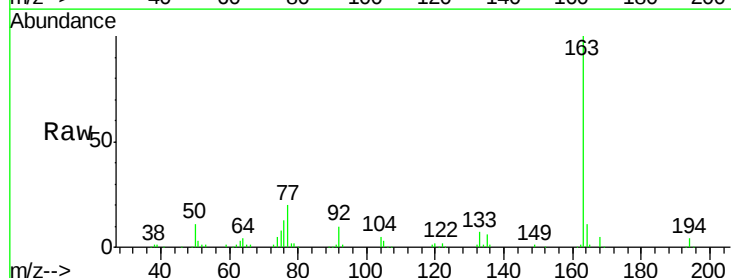
Tgt Ion:163 Resp: 180041

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

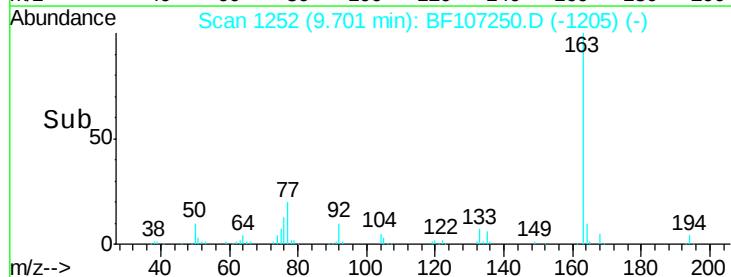
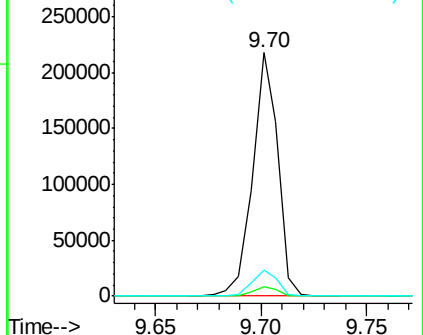
164 10.9 8.2 12.2

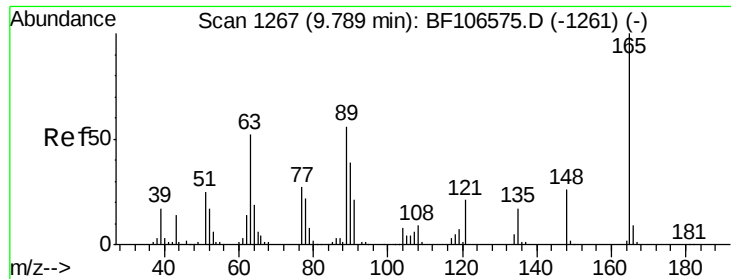


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

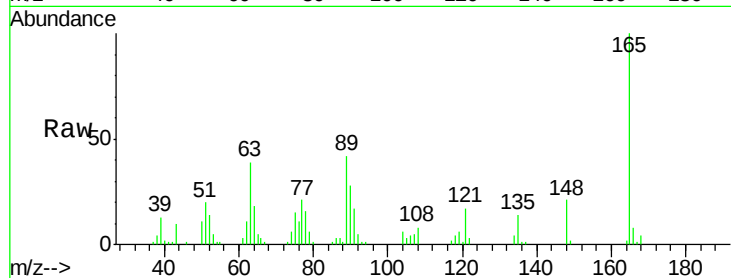




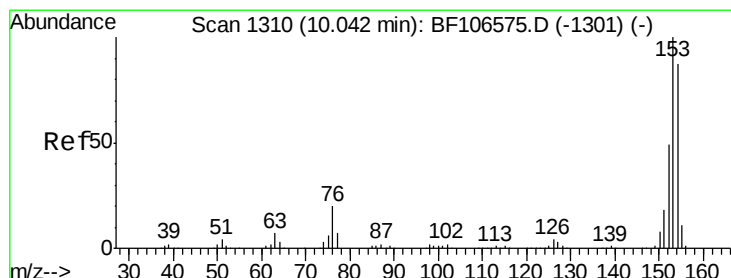
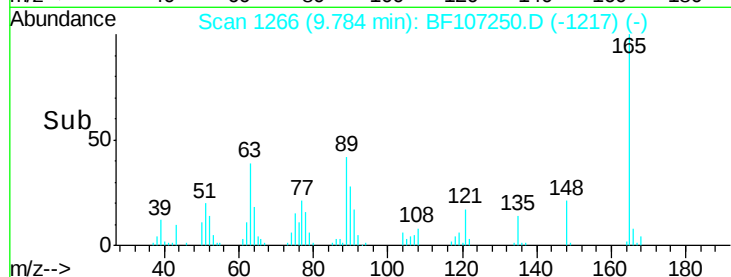
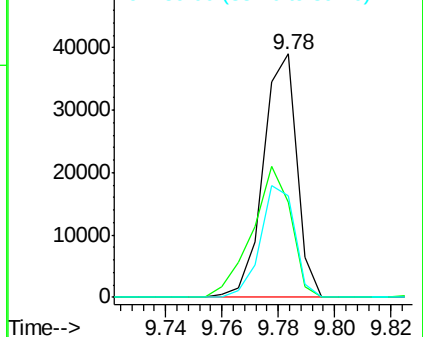
#50
2,6-Dinitrotoluene
Concen: 40.257 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion:165 Resp: 32024
Ion Ratio Lower Upper
165 100
63 39.2 44.7 67.1#
89 41.8 44.0 66.0#

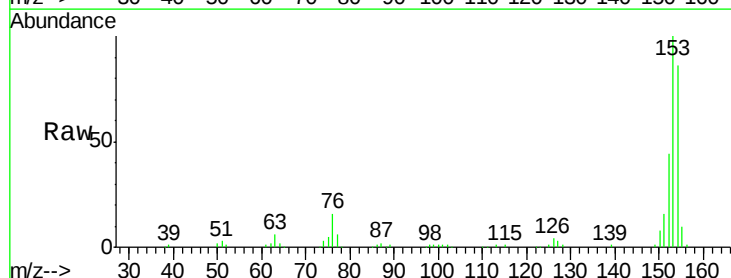


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

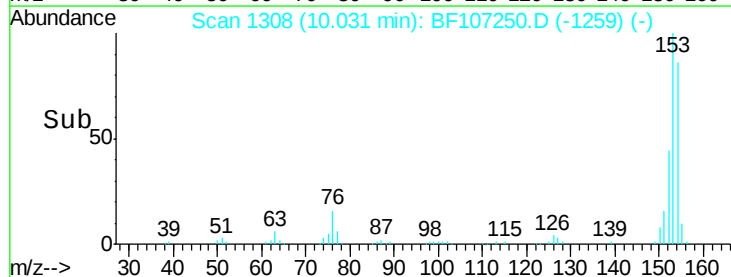
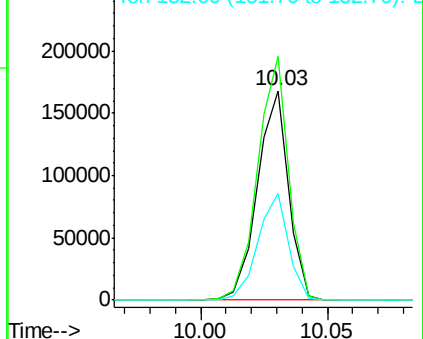


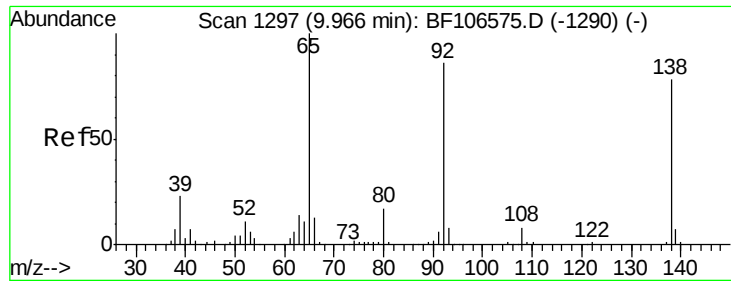
#51
Acenaphthene
Concen: 45.726 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:154 Resp: 142839
Ion Ratio Lower Upper
154 100
153 116.3 91.2 136.8
152 51.1 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

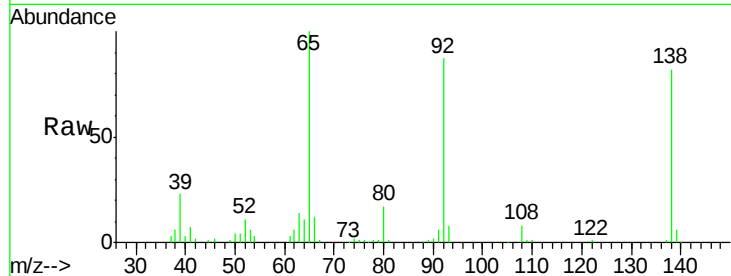




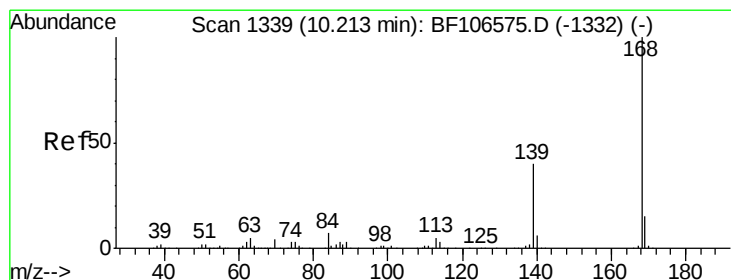
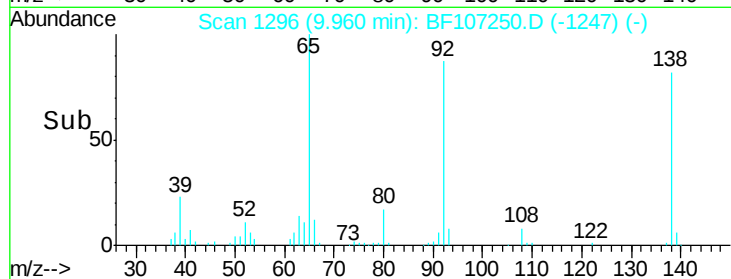
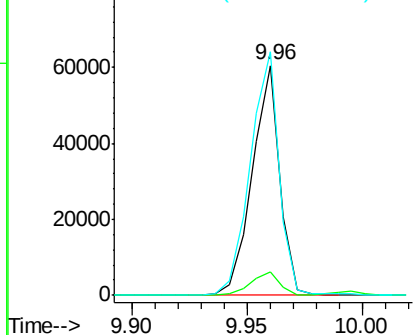
#52
3-Nitroaniline
Concen: 55.174 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion:138 Resp: 50506
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.0
92 106.0 89.4 134.2

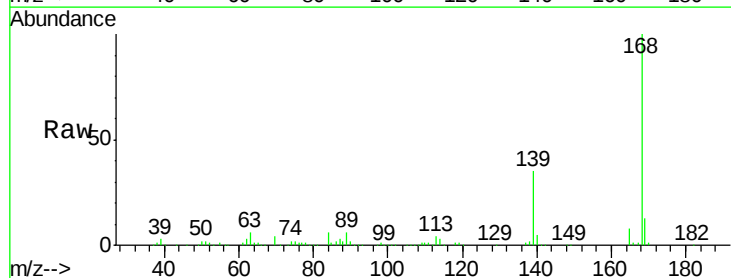


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

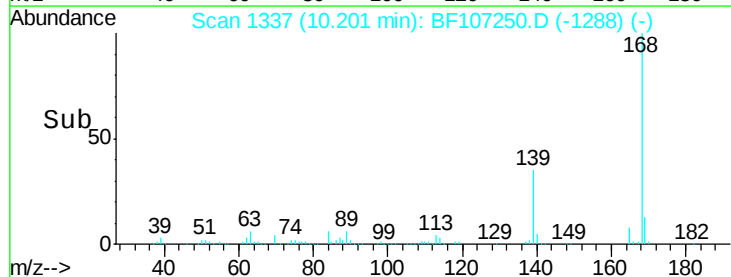
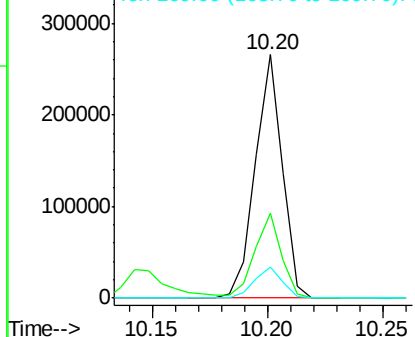


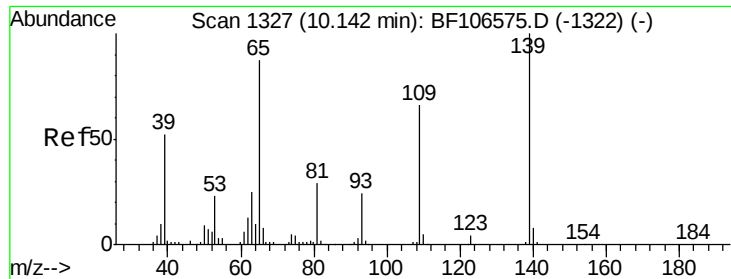
#54
Dibenzofuran
Concen: 50.906 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:168 Resp: 217751
Ion Ratio Lower Upper
168 100
139 34.7 30.1 45.1
169 13.0 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

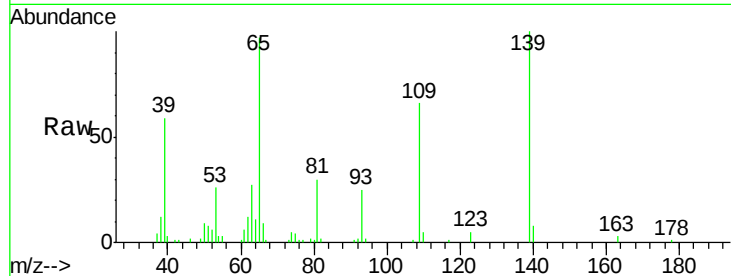




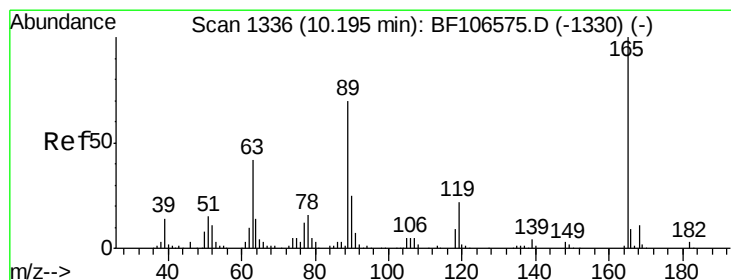
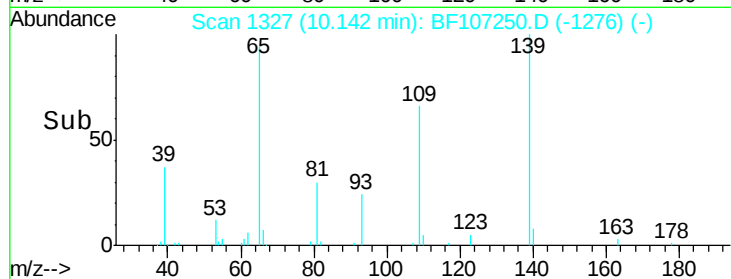
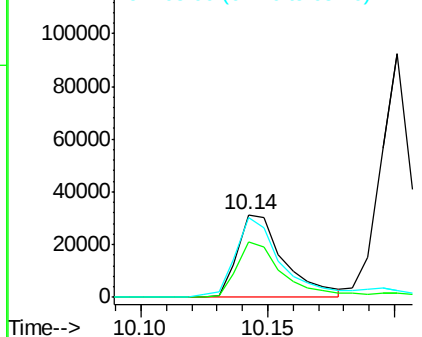
#55
4-Nitrophenol
Concen: 63.020 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion:139 Resp: 40267
Ion Ratio Lower Upper
139 100
109 66.3 48.4 88.4
65 97.0 72.6 112.6

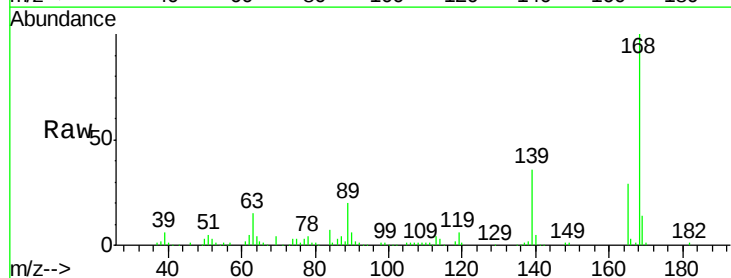


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

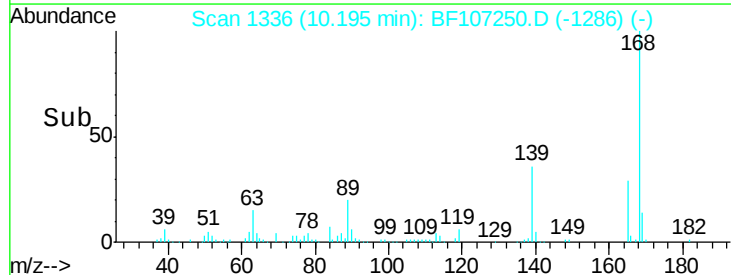
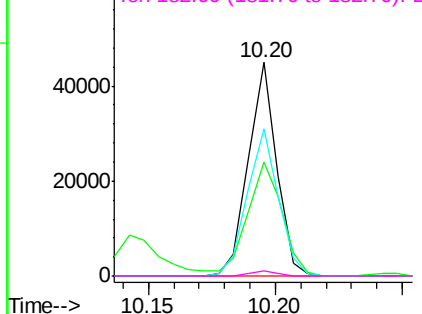


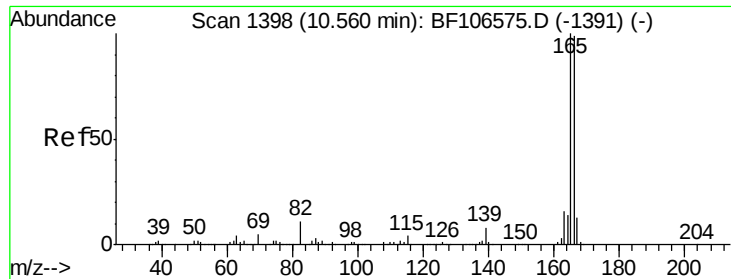
#56
2,4-Dinitrotoluene
Concen: 33.808 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:165 Resp: 35104
Ion Ratio Lower Upper
165 100
63 53.5 36.4 54.6
89 69.0 57.8 86.6
182 2.6 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

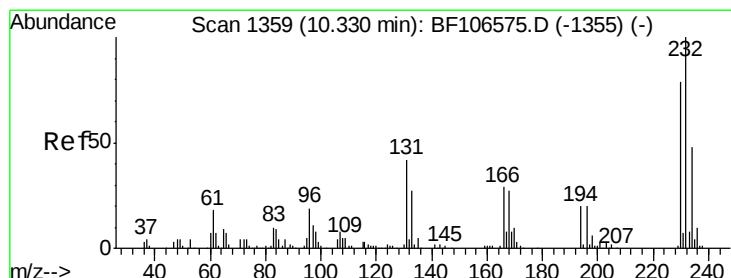
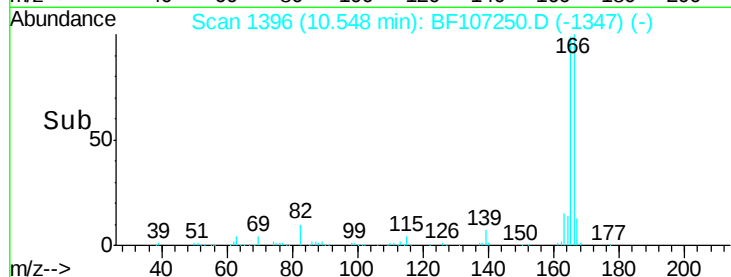
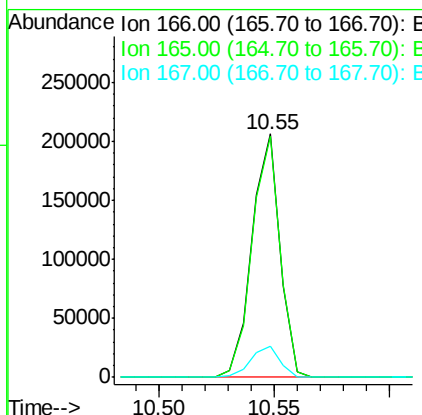
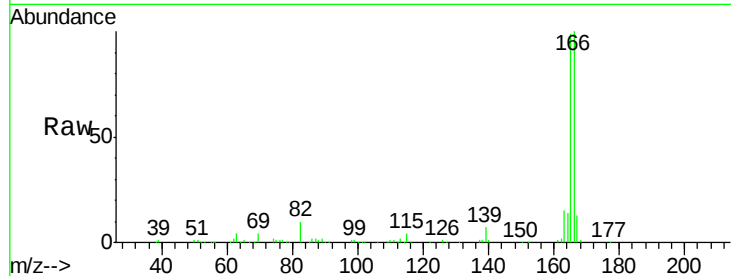




#57
Fluorene
 Concen: 51.483 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

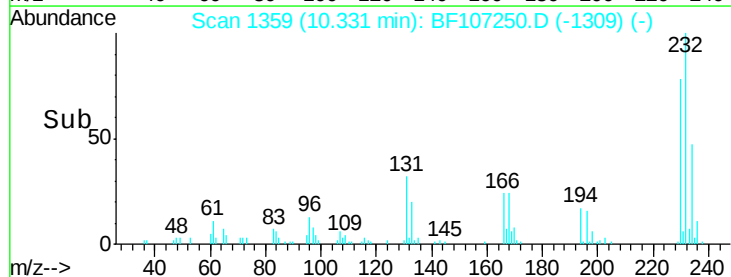
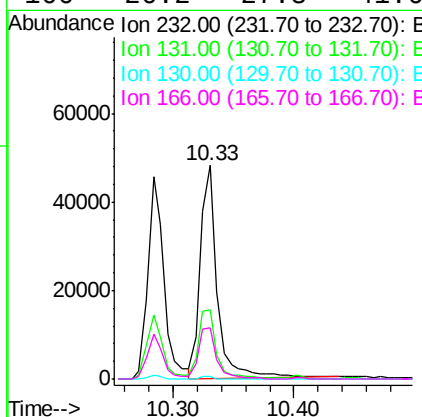
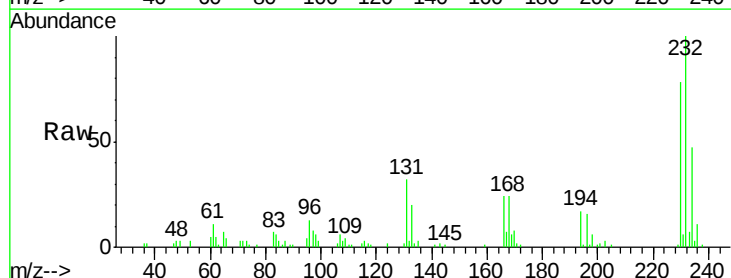
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

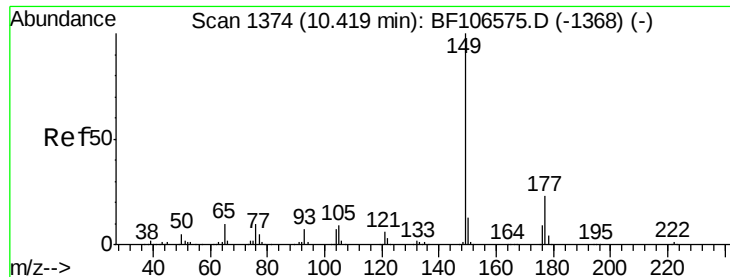
Tgt Ion:166 Resp: 174749
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 12.9 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.438 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion:232 Resp: 46909
 Ion Ratio Lower Upper
 232 100
 131 36.3 43.8 65.8#
 130 1.1 2.1 3.1#
 166 26.2 27.8 41.6#

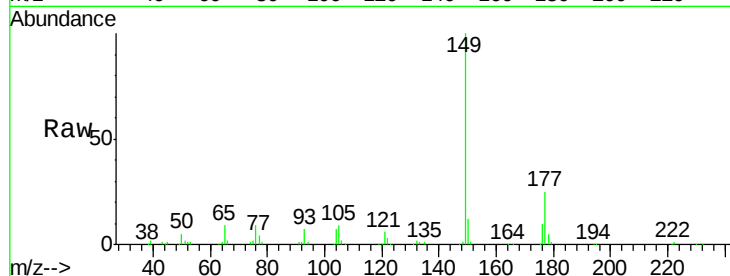




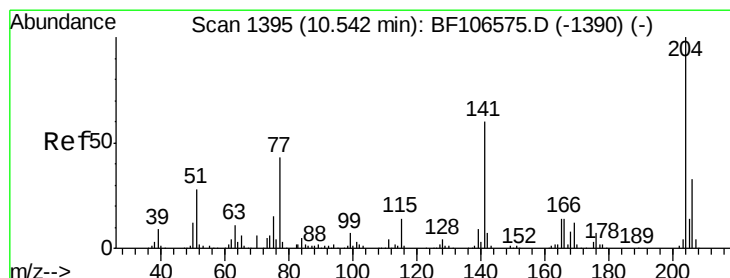
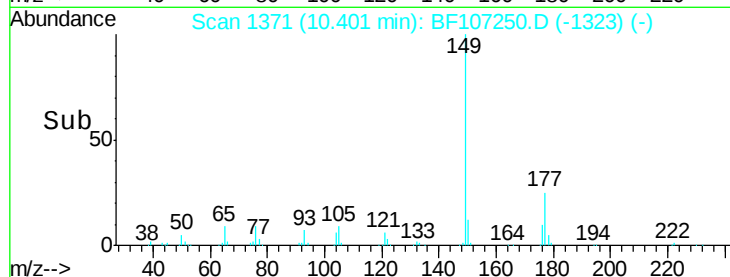
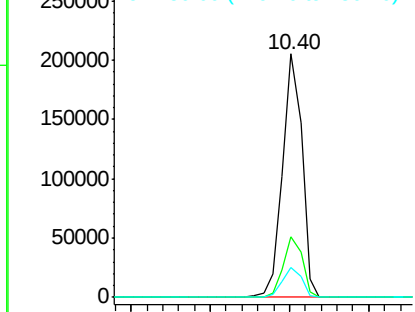
#59
Diethylphthalate
Concen: 48.581 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion:149 Resp: 176146
Ion Ratio Lower Upper
149 100
177 24.8 16.1 24.1#
150 12.4 10.1 15.1

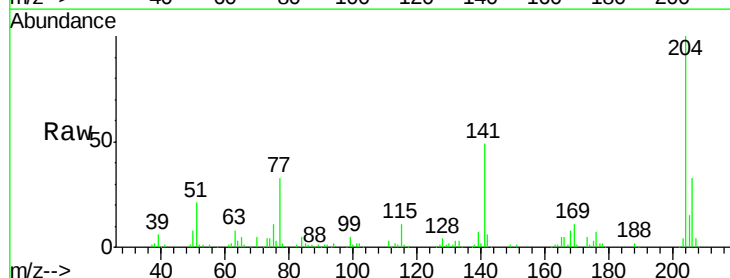


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

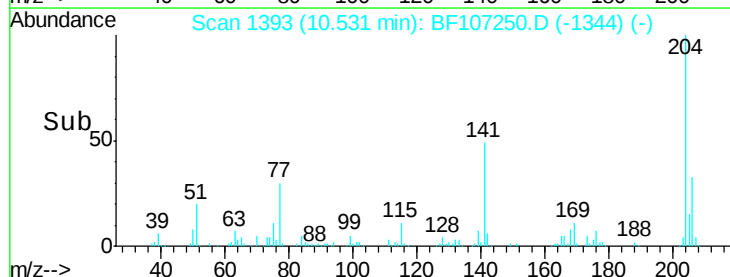
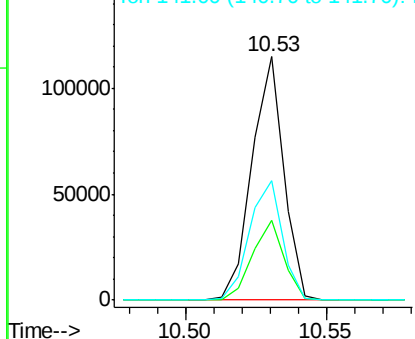


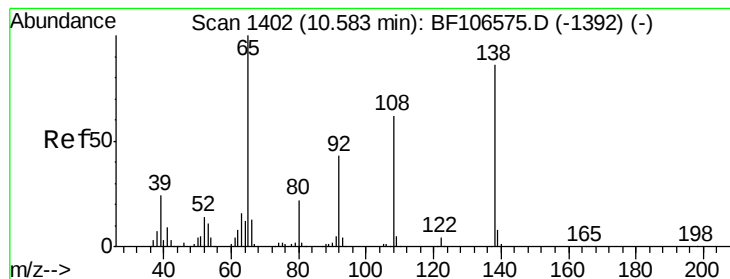
#60
4-Chlorophenyl-phenylether
Concen: 50.645 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:204 Resp: 89946
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 49.3 54.6 81.8#



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





#61

4-Nitroaniline

Concen: 57.644 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

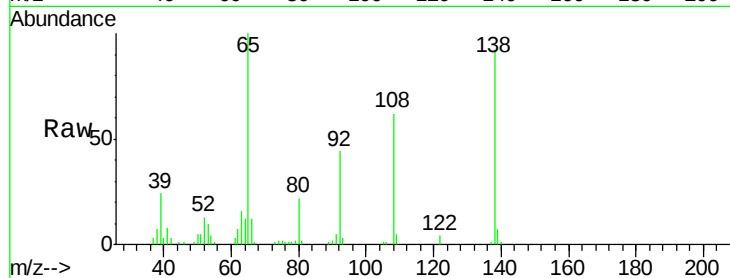
Tgt Ion:138 Resp: 52368

Ion Ratio Lower Upper

138 100

92 47.9 30.2 70.2

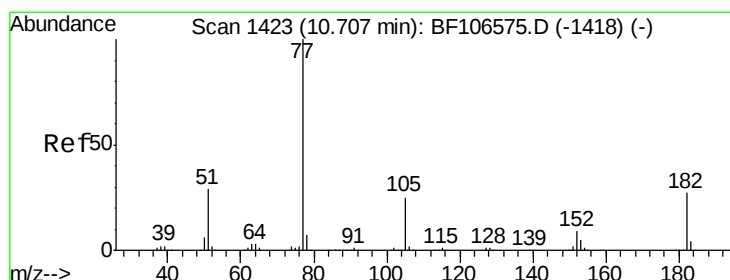
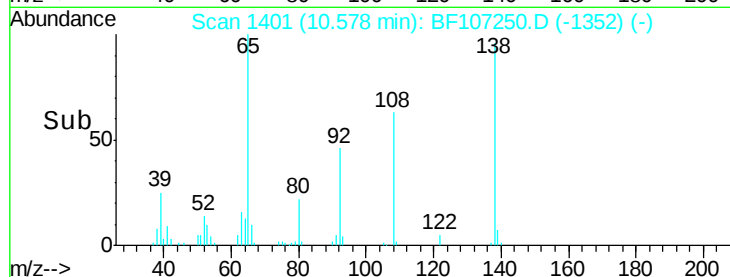
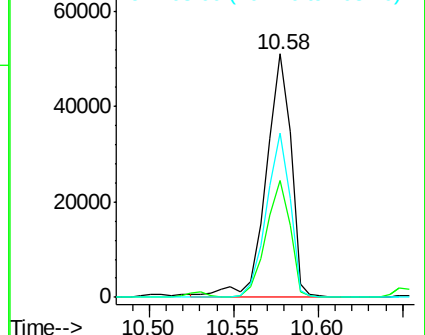
108 67.4 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.071 ng

RT: 10.70 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Tgt Ion: 77 Resp: 157358

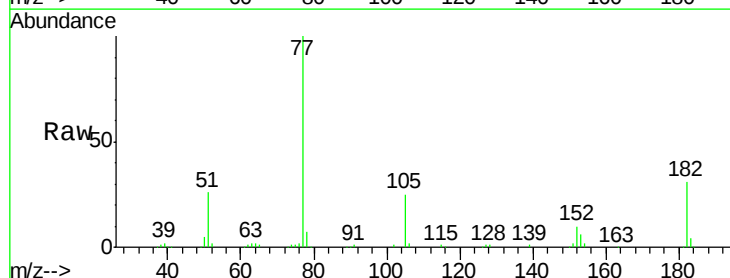
Ion Ratio Lower Upper

77 100

182 31.4 1.7 41.7

105 25.0 3.0 43.0

51 26.2 9.9 49.9

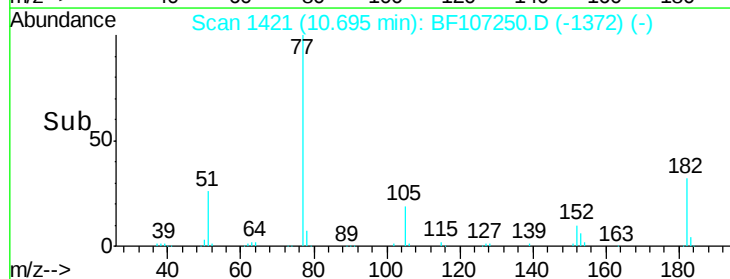
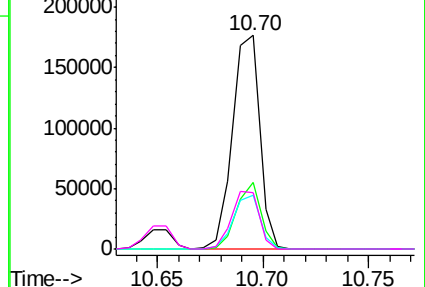


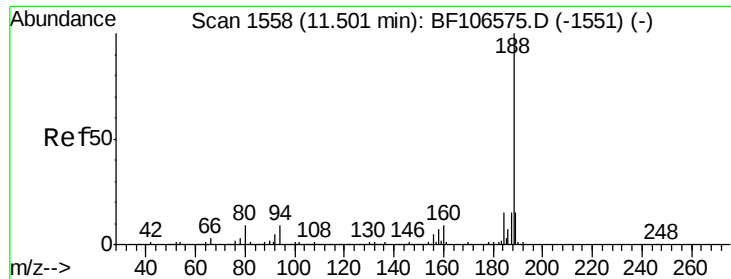
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

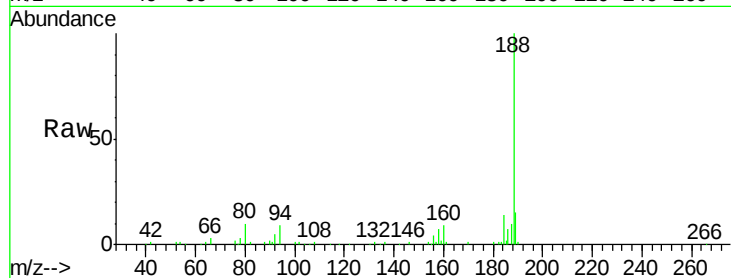
Tgt Ion:188 Resp: 103003

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

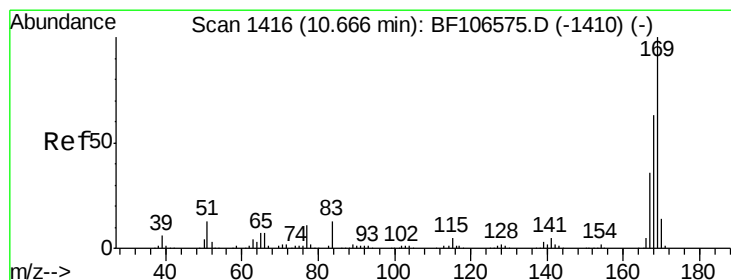
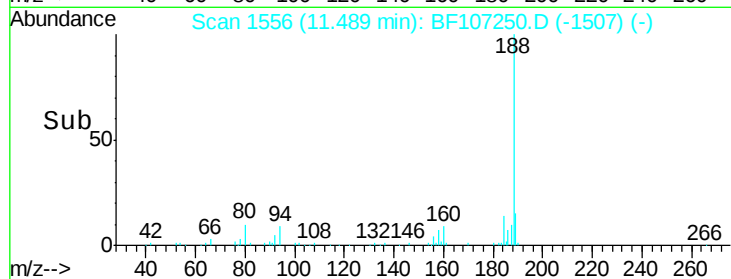
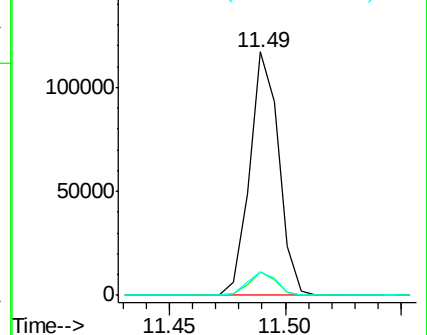
80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

n-Nitrosodiphenylamine

Concen: 43.505 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

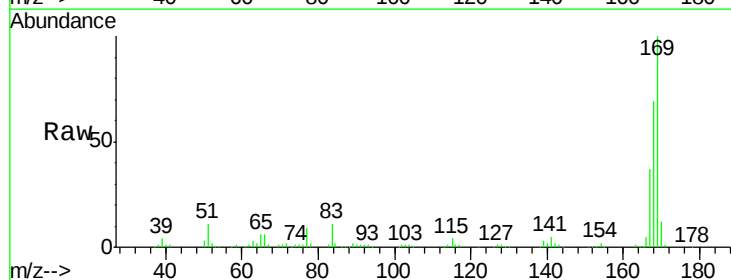
Tgt Ion:169 Resp: 150724

Ion Ratio Lower Upper

169 100

168 68.5 54.4 81.6

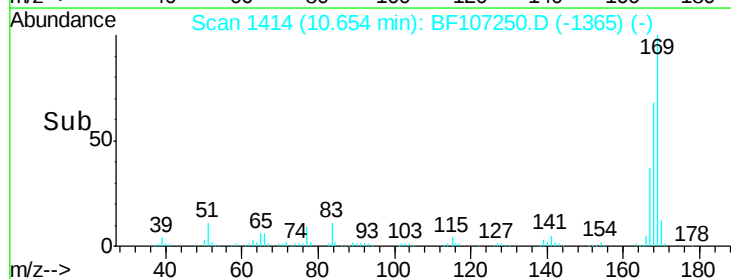
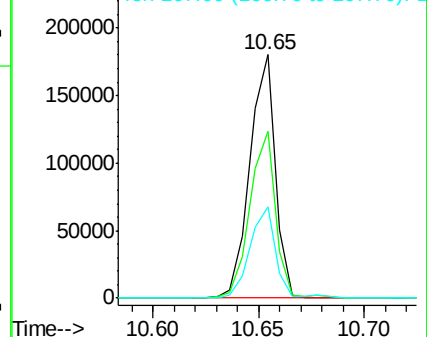
167 37.4 29.8 44.6

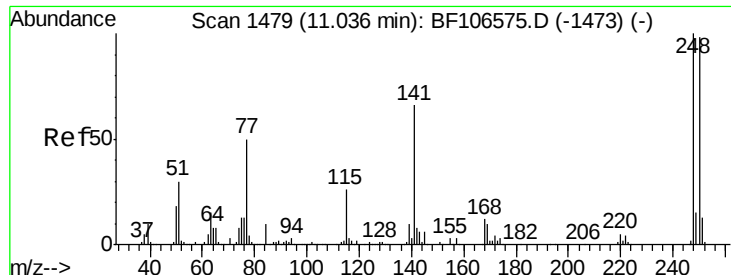


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

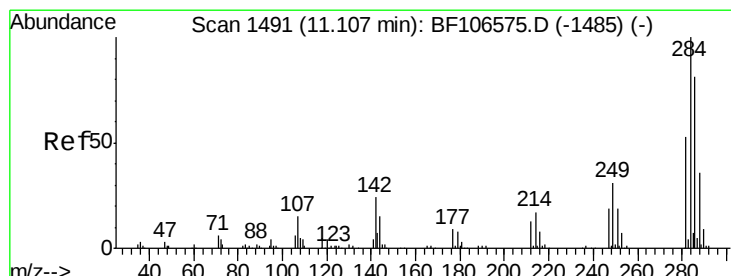
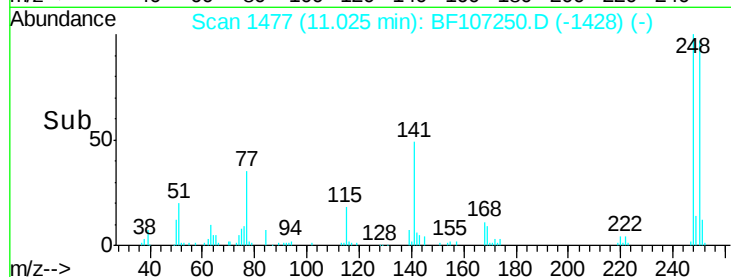
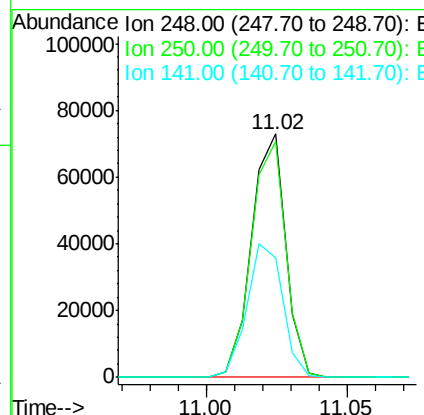
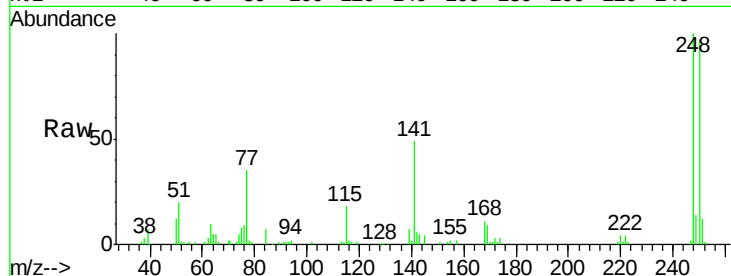




#66
 4-Bromophenyl-phenylether
 Concen: 50.127 ng
 RT: 11.02 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

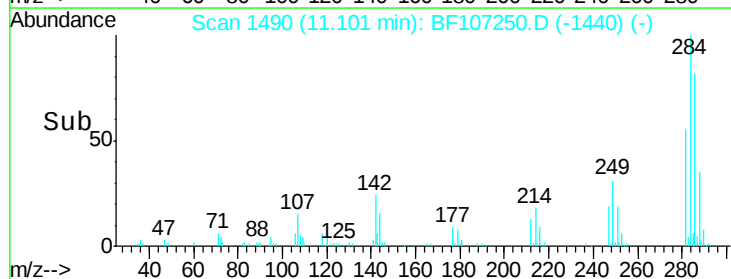
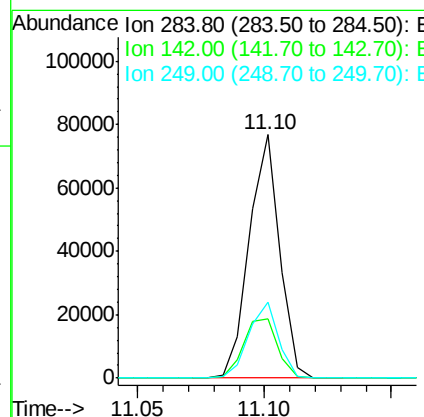
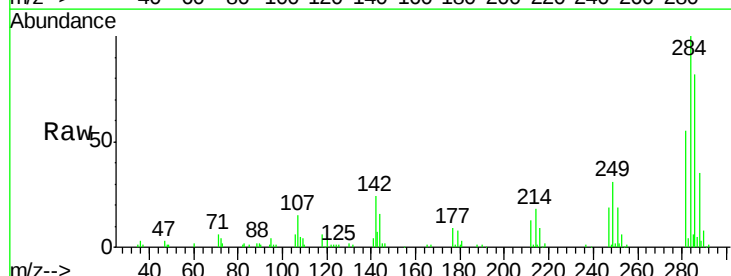
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

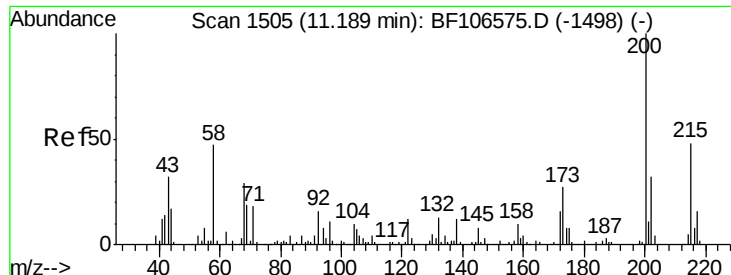
Tgt Ion: 248 Resp: 61620
 Ion Ratio Lower Upper
 248 100
 250 96.7 76.9 115.3
 141 49.2 74.4 111.6#



#67
 Hexachlorobenzene
 Concen: 49.704 ng
 RT: 11.10 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion: 284 Resp: 63950
 Ion Ratio Lower Upper
 284 100
 142 24.3 34.6 52.0#
 249 31.2 24.8 37.2

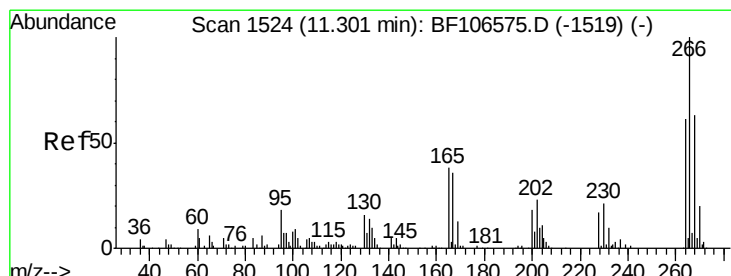
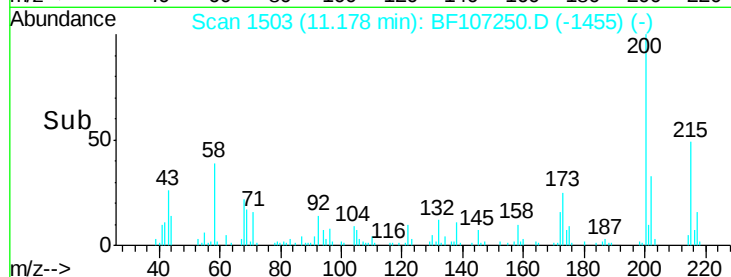
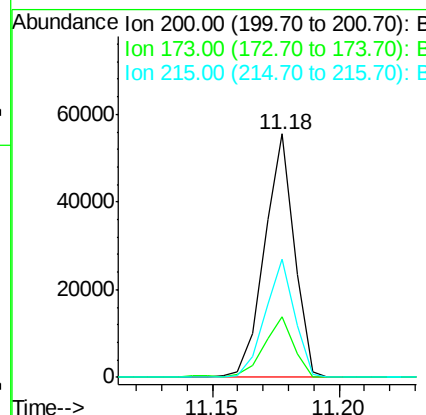
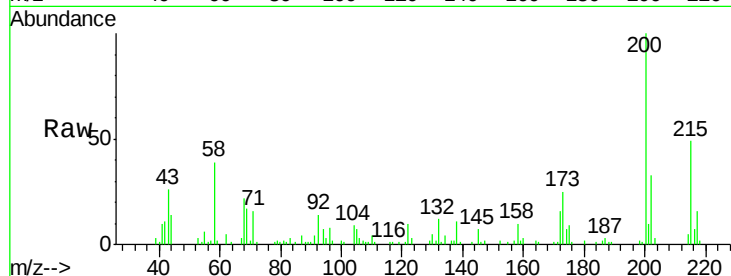




#68
 Atrazine
 Concen: 41.025 ng
 RT: 11.18 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

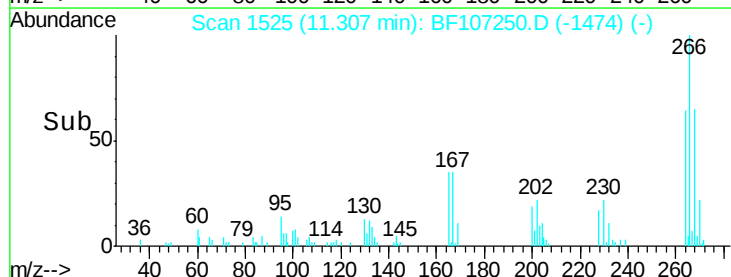
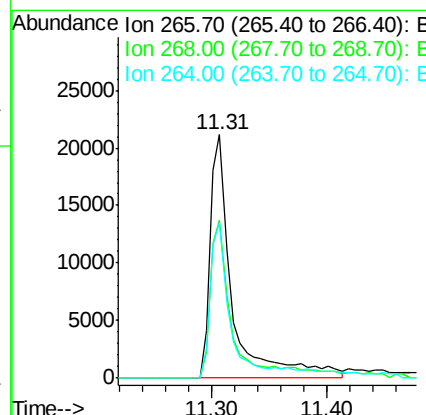
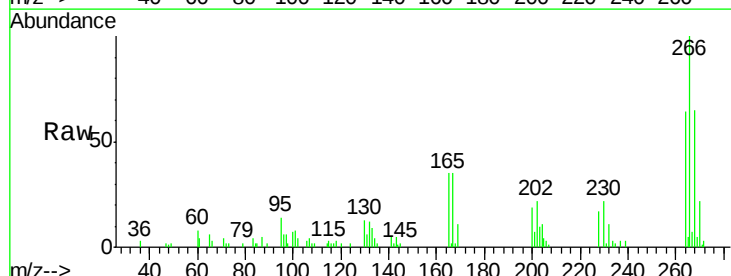
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

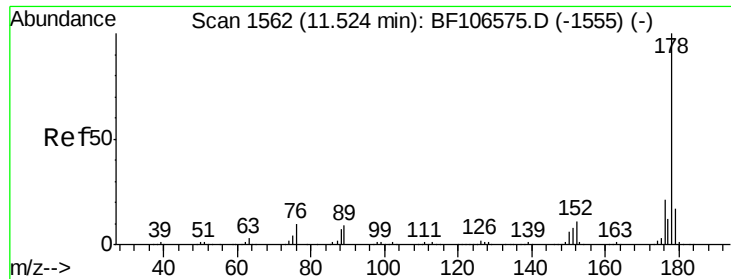
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	8.6	48.6
215	48.8	25.1	65.1



#69
 Pentachlorophenol
 Concen: 44.489 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.00 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	63.8	49.5	74.3

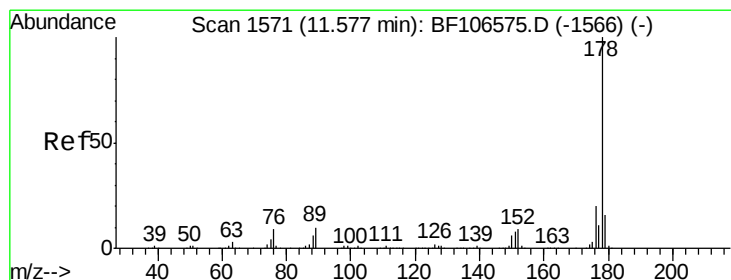
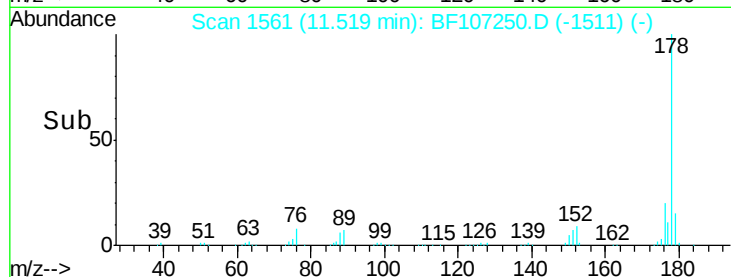
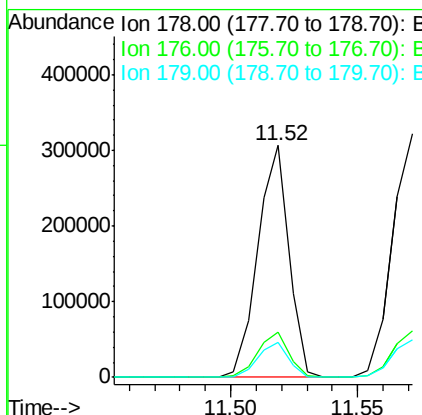
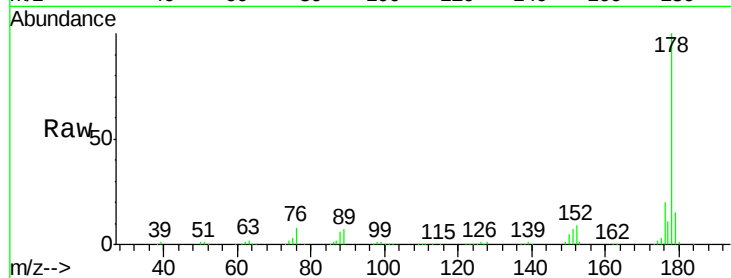




#70
Phenanthrene
Concen: 52.972 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

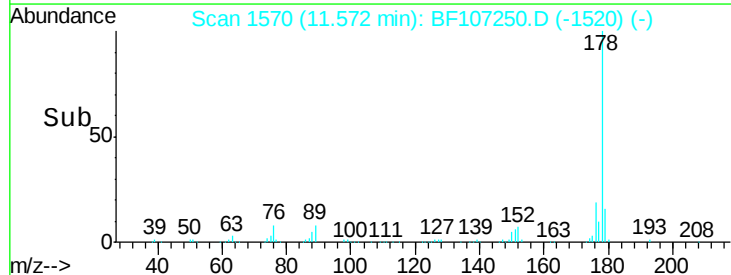
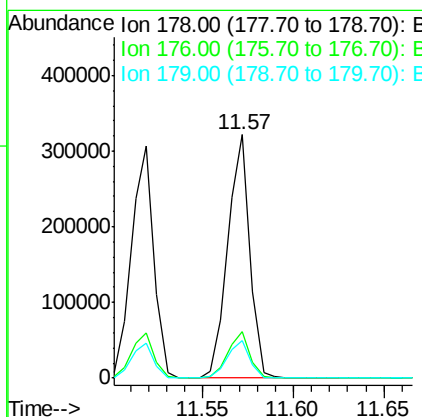
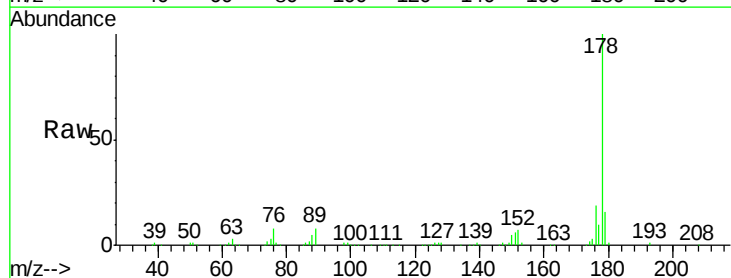
Instrument :
BNA_F
ClientSampleId :
PB110915BS

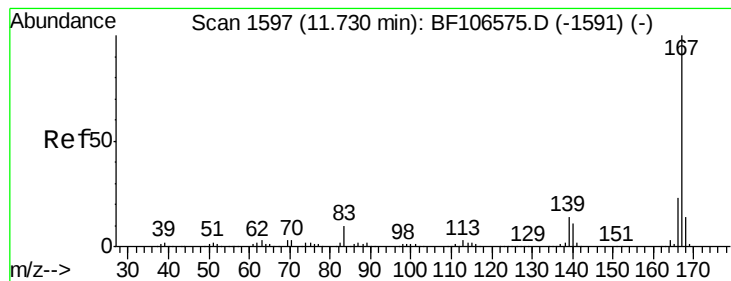
Tgt Ion:178 Resp: 263167
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.3 13.0 19.6



#71
Anthracene
Concen: 53.802 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:178 Resp: 272825
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.6 19.0





#72

Carbazole

Concen: 51.577 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

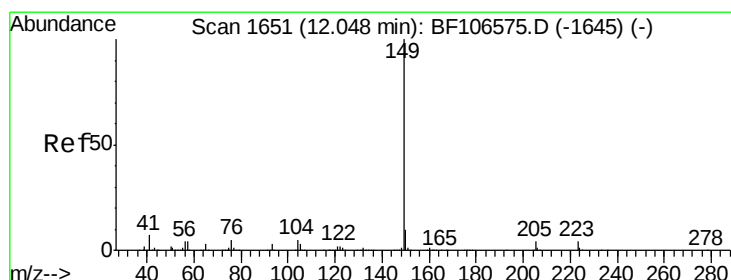
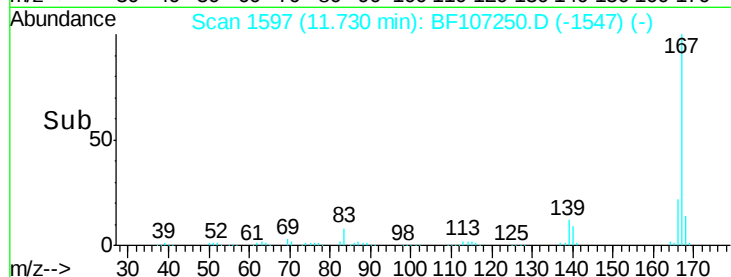
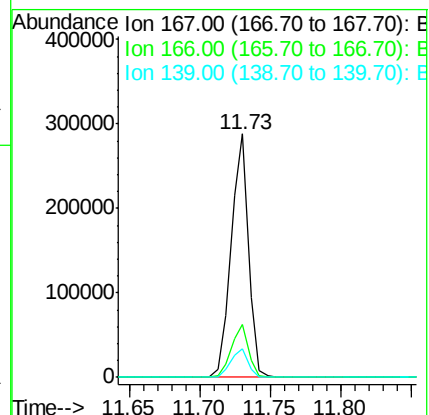
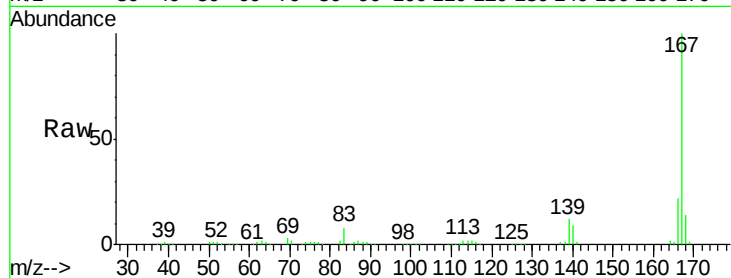
Tgt Ion:167 Resp: 244867

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 11.8 10.9 16.3



#73

Di-n-butylphthalate

Concen: 48.981 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

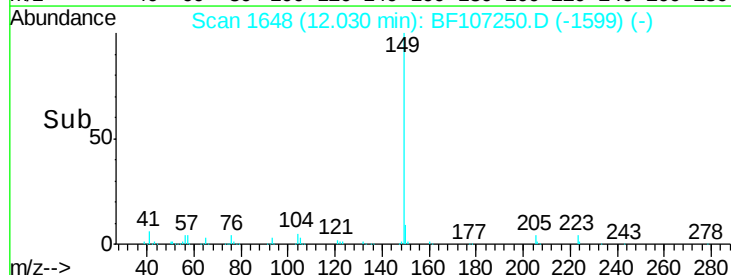
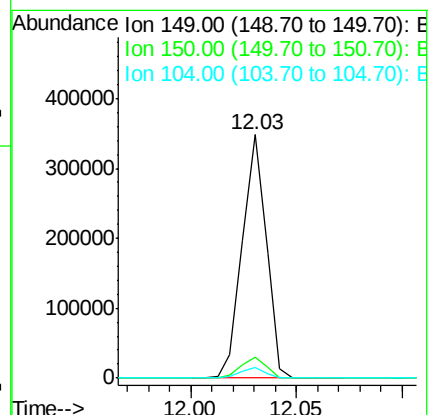
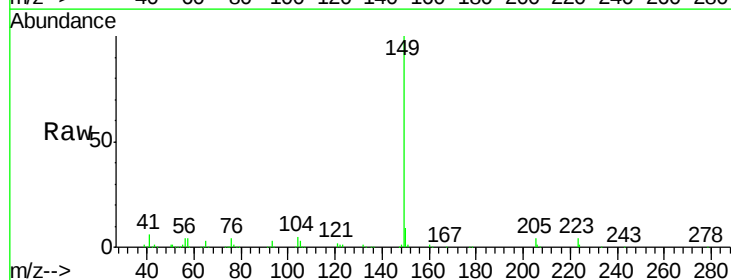
Tgt Ion:149 Resp: 273959

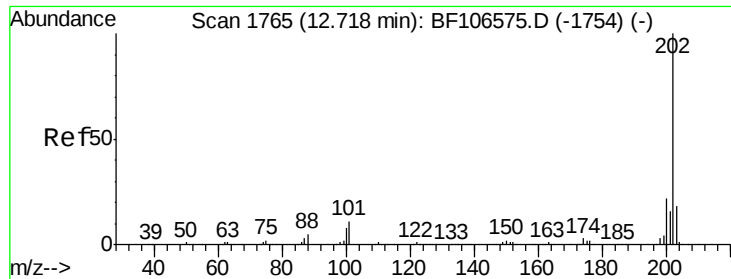
Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

104 4.5 3.8 5.8

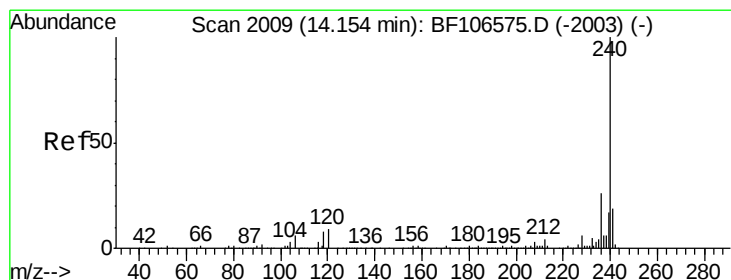
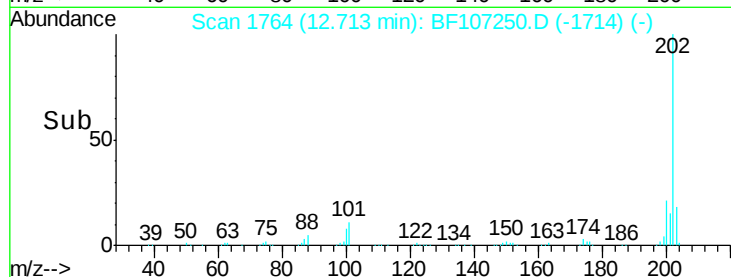
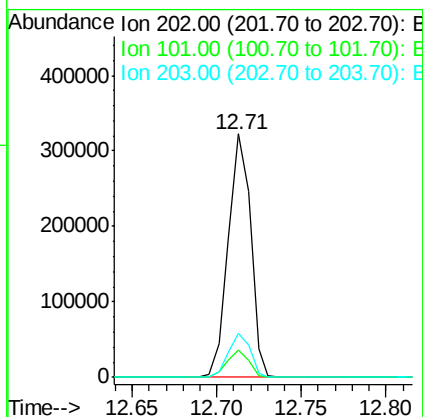
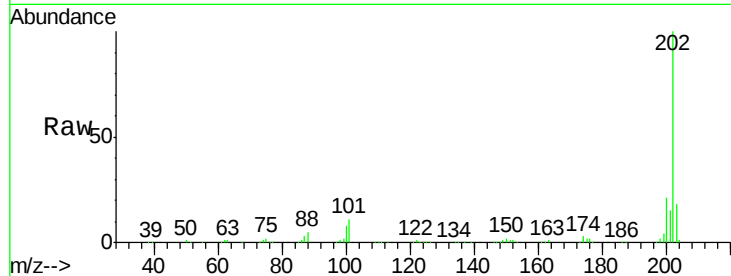




#74
 Fluoranthene
 Concen: 54.317 ng
 RT: 12.71 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

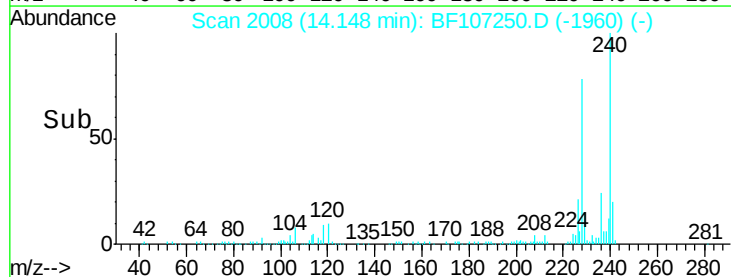
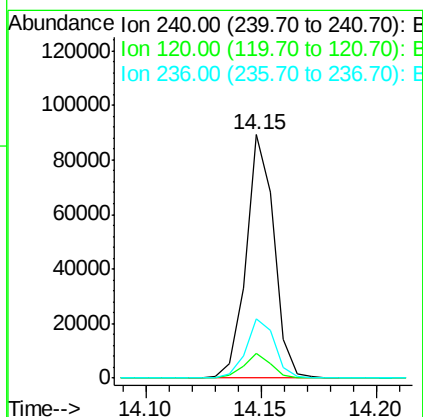
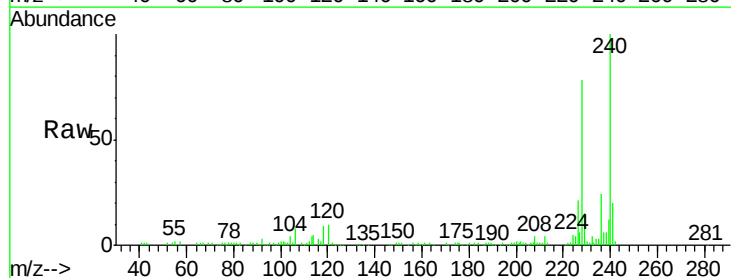
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

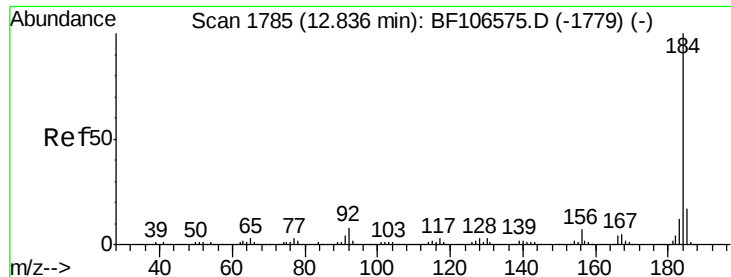
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	24.5	20.7	31.1

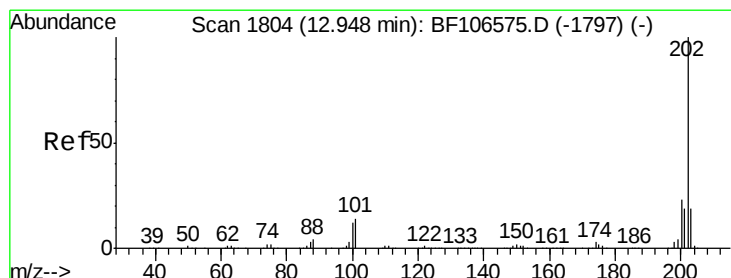
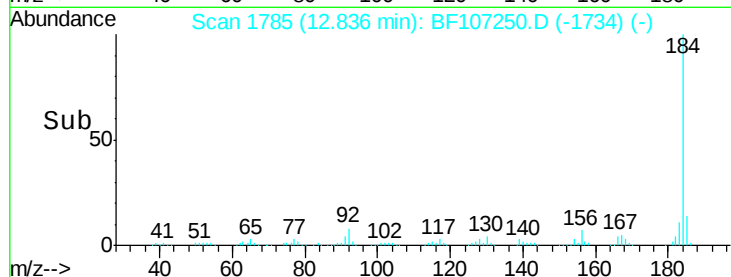
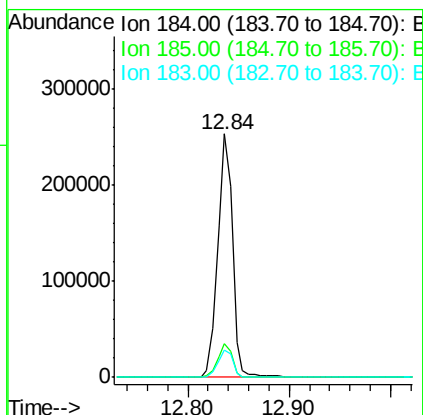
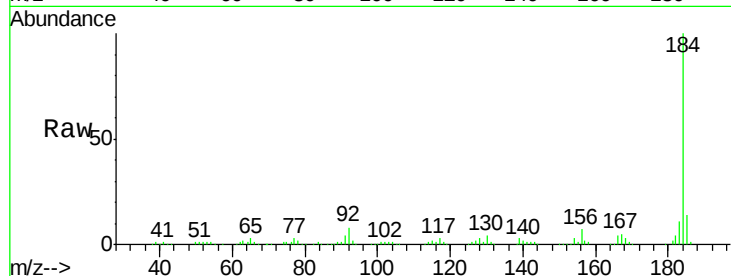




#76
Benzidine
Concen: 120.510 ng
RT: 12.84 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

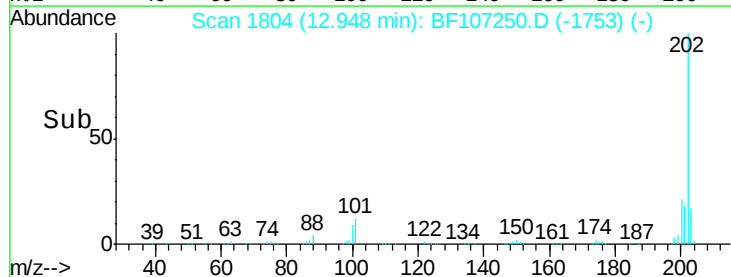
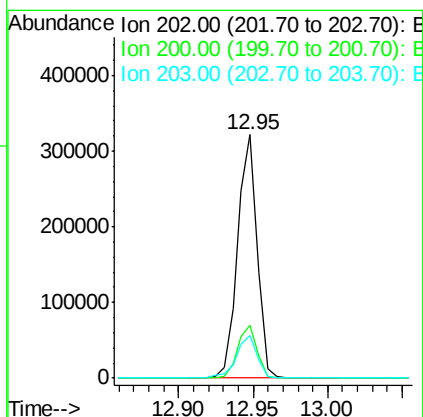
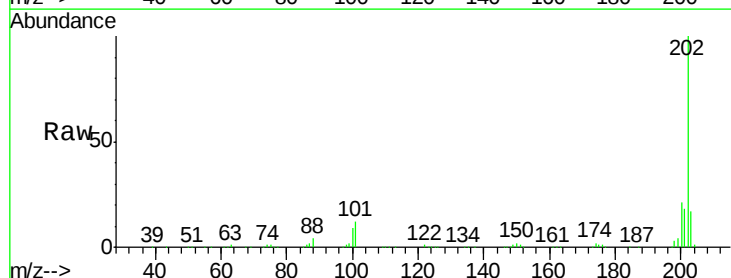
Instrument :
BNA_F
ClientSampleId :
PB110915BS

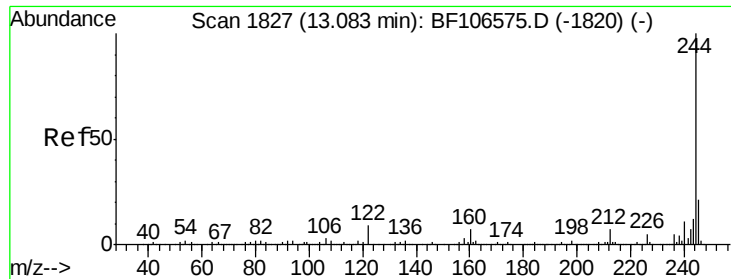
Tgt Ion:184 Resp: 257842
Ion Ratio Lower Upper
184 100
185 13.8 12.6 18.8
183 11.3 9.3 13.9



#77
Pyrene
Concen: 59.464 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion:202 Resp: 294589
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.4 14.3 21.5

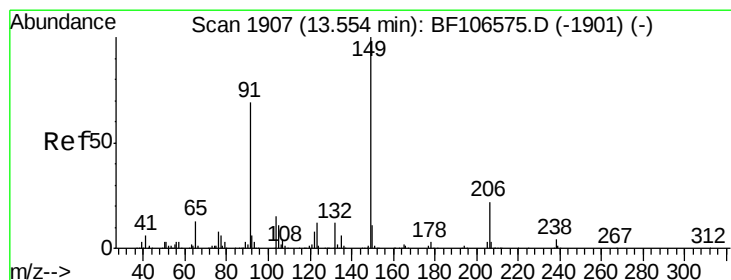
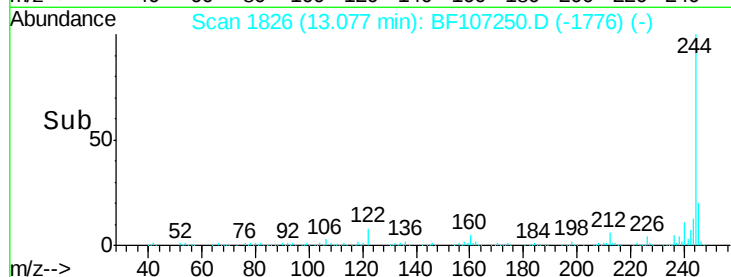
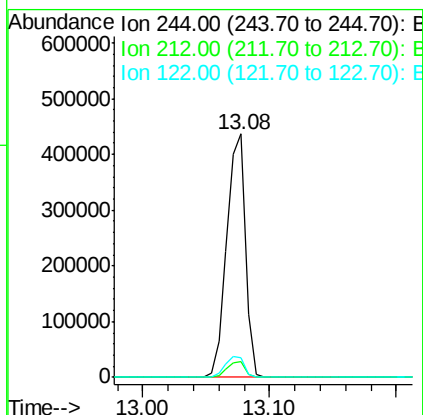
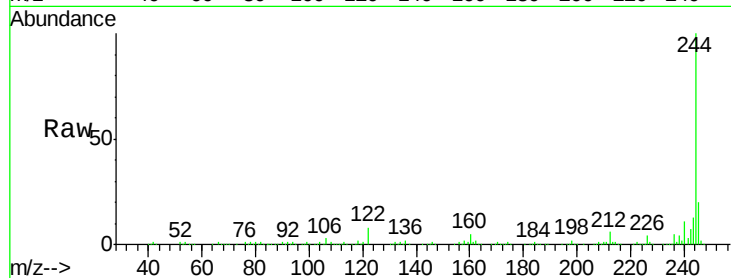




#78
 Terphenyl-d14
 Concen: 143.140 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

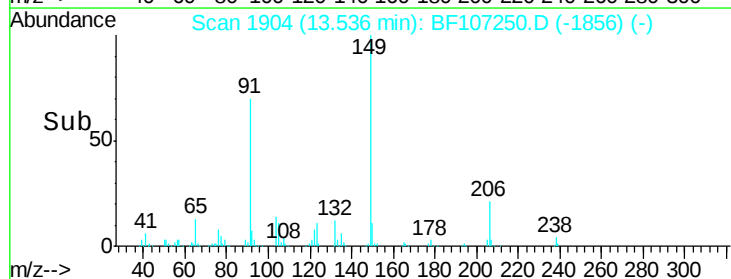
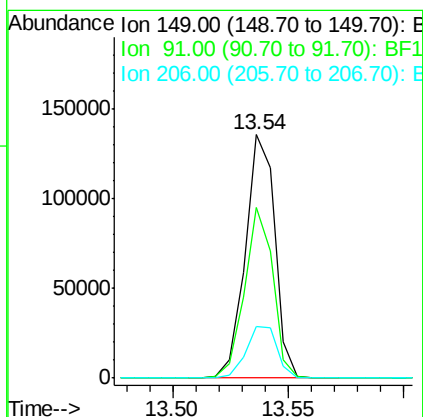
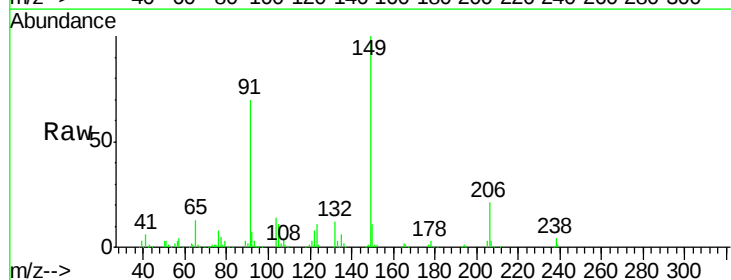
Instrument :
 BNA_F
 ClientSampleId :
 PB110915BS

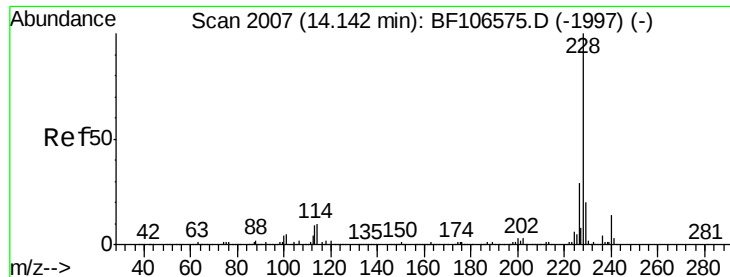
Tgt Ion: 244 Resp: 443945
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 11.0 16.4#



#79
 Butylbenzylphthalate
 Concen: 59.642 ng
 RT: 13.54 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BF107250.D
 Acq: 10 Jul 2018 1:24

Tgt Ion: 149 Resp: 121484
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.8 85.2
 206 21.3 14.1 21.1#





#80

Benzo(a)anthracene

Concen: 51.073 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

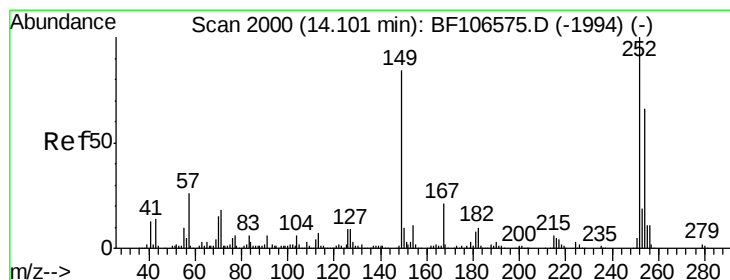
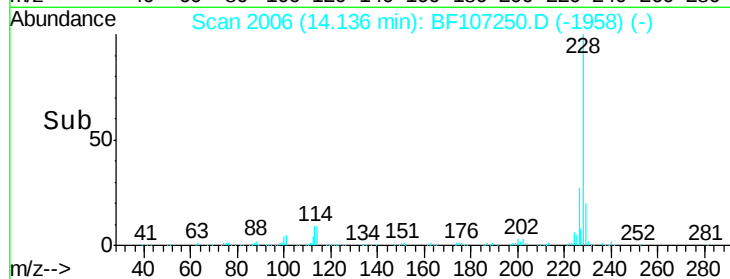
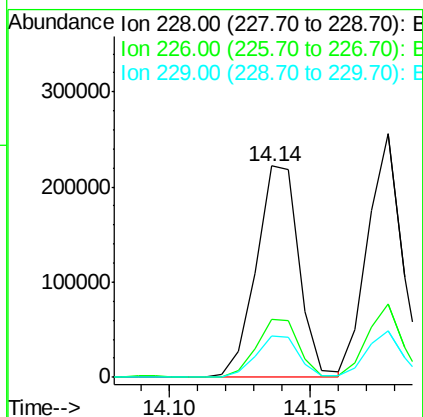
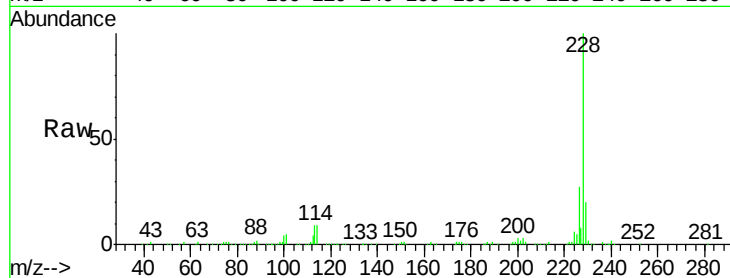
Instrument :

BNA_F

ClientSampleId :

PB110915BS

Tgt Ion:	228	Resp:	233850
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6



#81

3,3'-Dichlorobenzidine

Concen: 54.952 ng

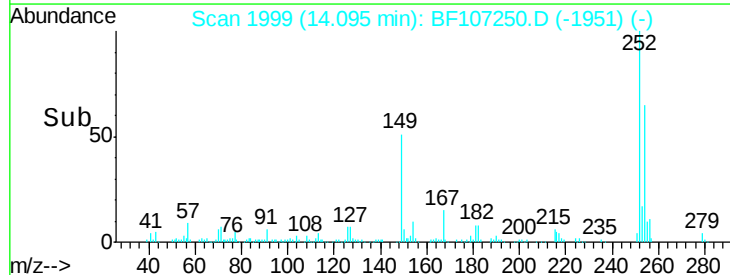
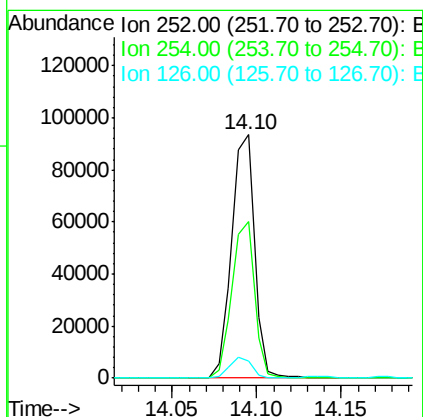
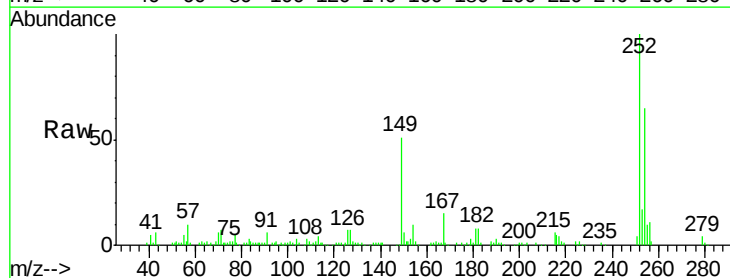
RT: 14.10 min Scan# 1999

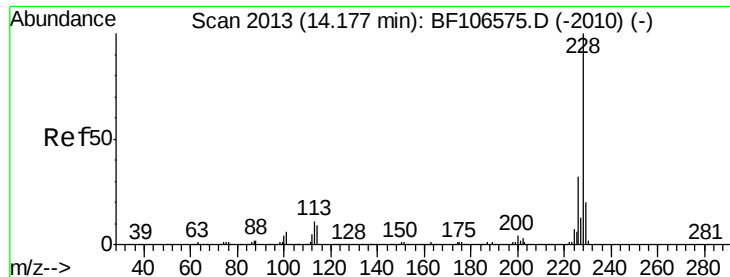
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Tgt Ion:	252	Resp:	88432
Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.4	75.6
126	7.1	11.3	16.9#





#82

Chrysene

Concen: 50.345 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Instrument :

BNA_F

ClientSampleId :

PB110915BS

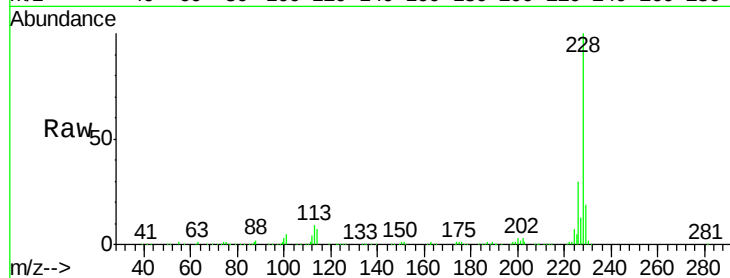
Tgt Ion:228 Resp: 212076

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.6

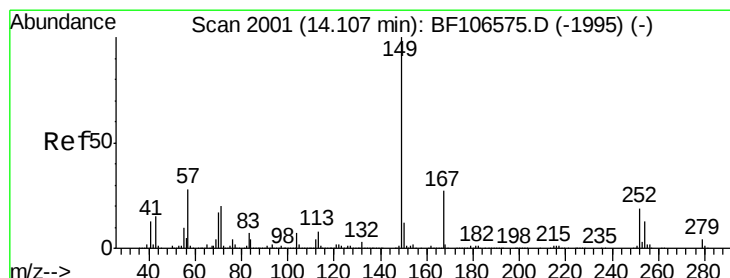
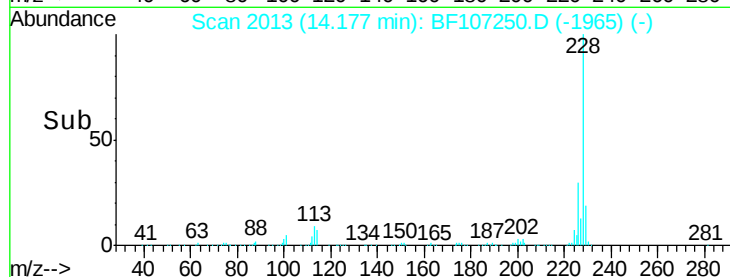
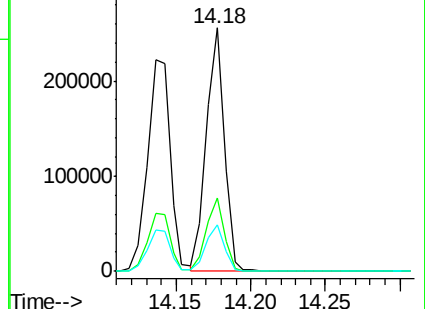
229 19.0 16.2 24.4



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: 59.609 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

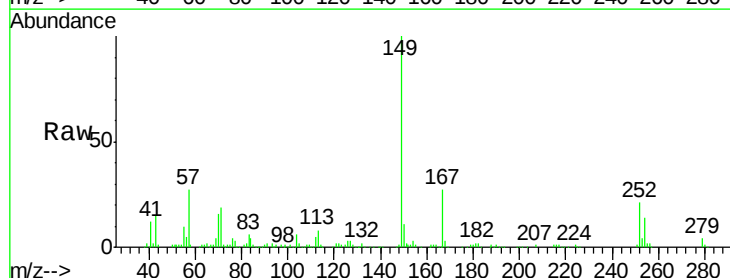
Tgt Ion:149 Resp: 155226

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

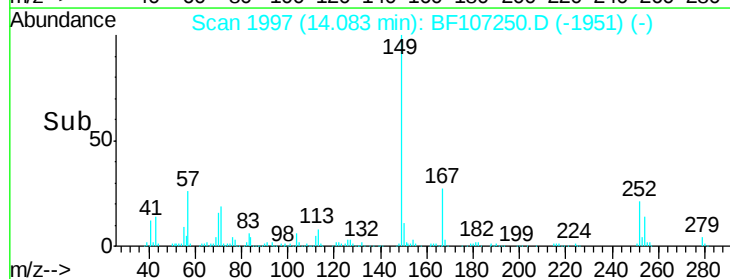
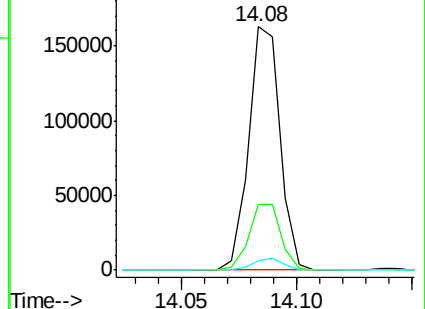
279 3.9 3.0 4.4

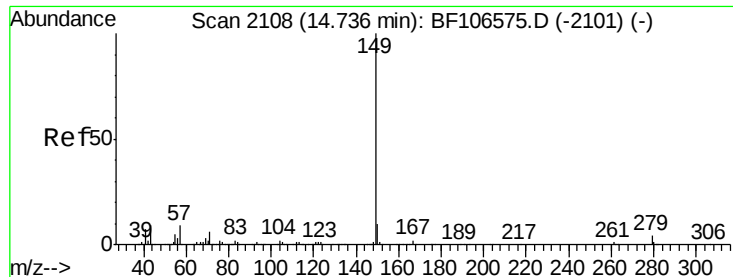


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 57.341 ng

RT: 14.71 min Scan# 2103

Delta R.T. -0.06 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

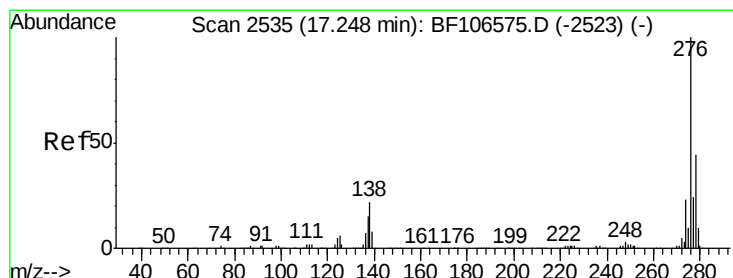
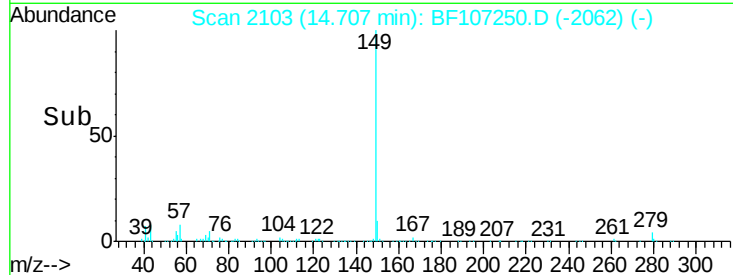
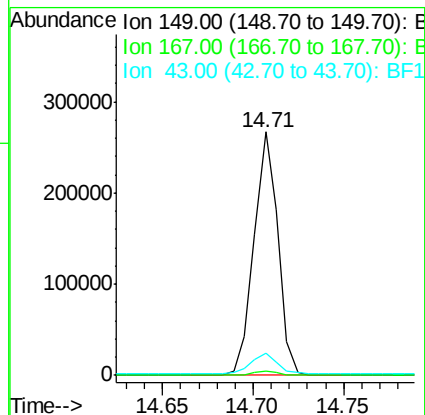
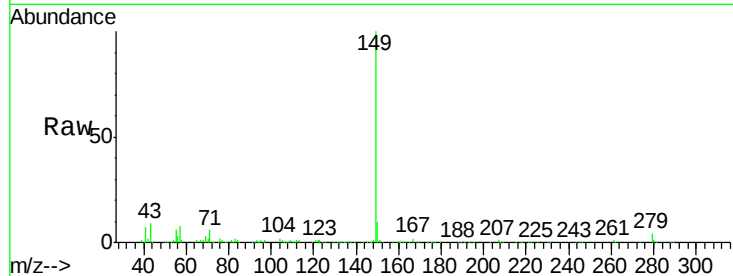
Instrument :

BNA_F

ClientSampleId :

PB110915BS

Tgt Ion:	149	Resp:	243398
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.2	1.8#
43	8.9	8.4	12.6



#85

Indeno(1,2,3-cd)pyrene

Concen: 51.555 ng

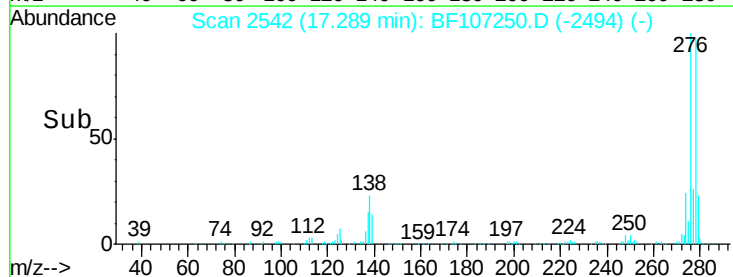
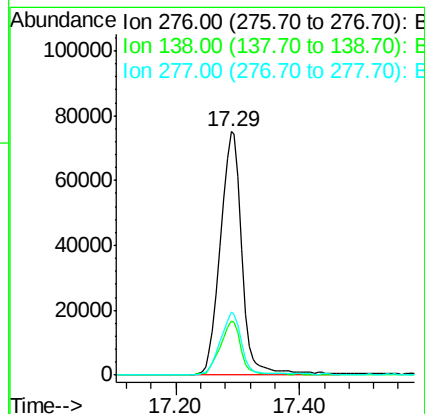
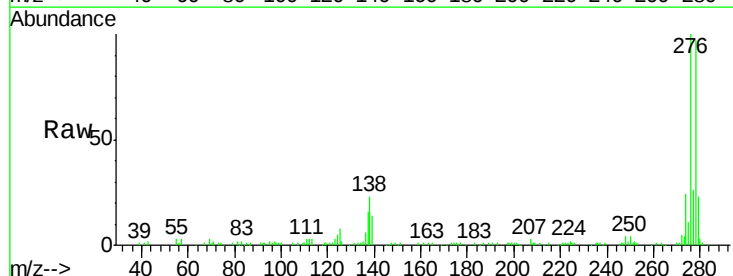
RT: 17.29 min Scan# 2542

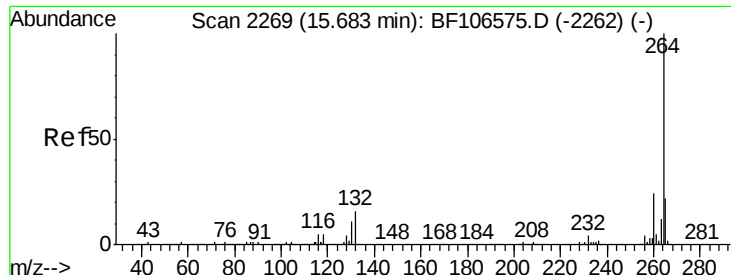
Delta R.T. -0.02 min

Lab File: BF107250.D

Acq: 10 Jul 2018 1:24

Tgt Ion:	276	Resp:	184297
Ion Ratio	Lower	Upper	
276	100		
138	21.6	25.0	37.6#
277	25.9	20.1	30.1



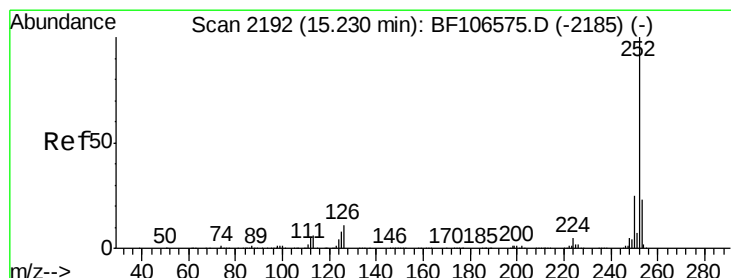
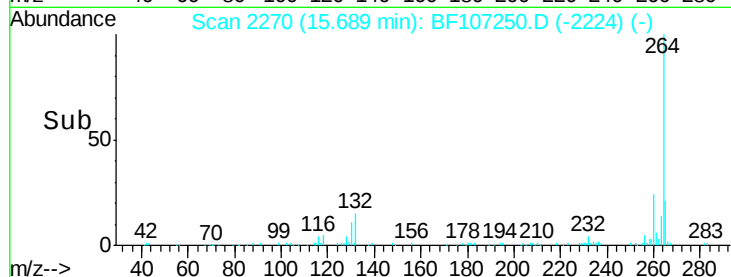
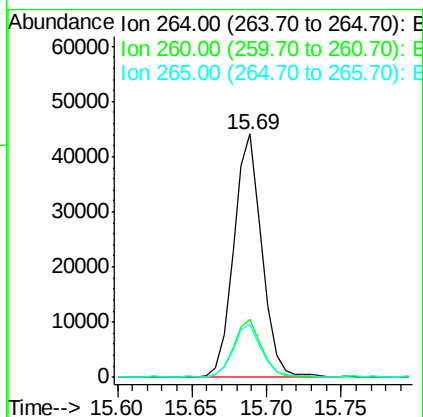
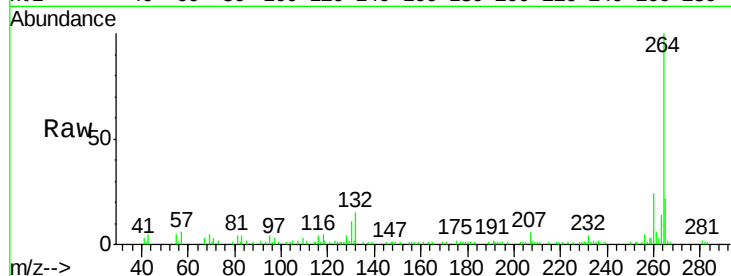


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion: 264 Resp: 57816

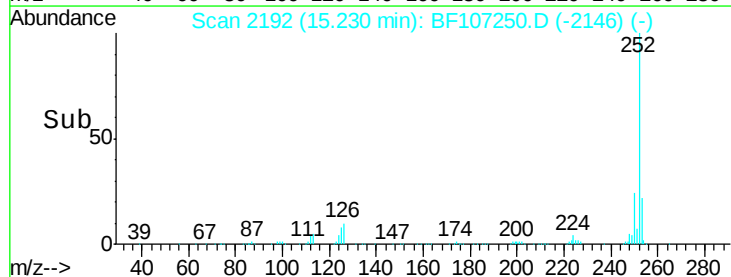
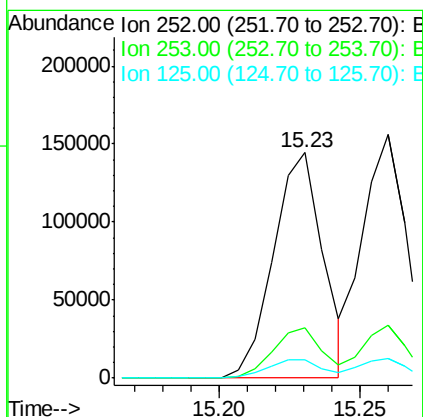
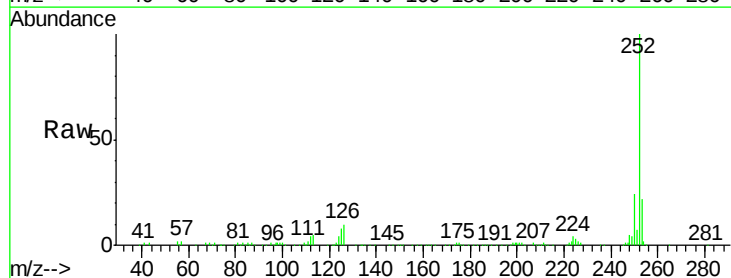
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.5	26.3

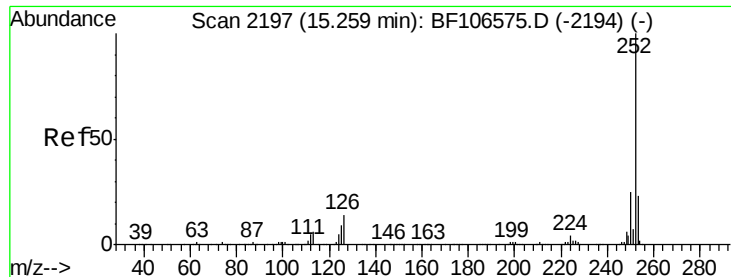


#87
Benzo(b)fluoranthene
Concen: 49.092 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion: 252 Resp: 176314

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	8.0	9.0	13.6#

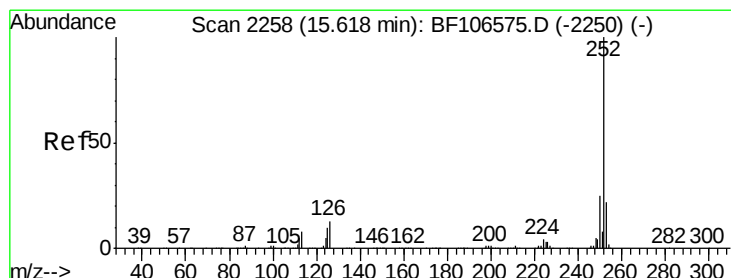
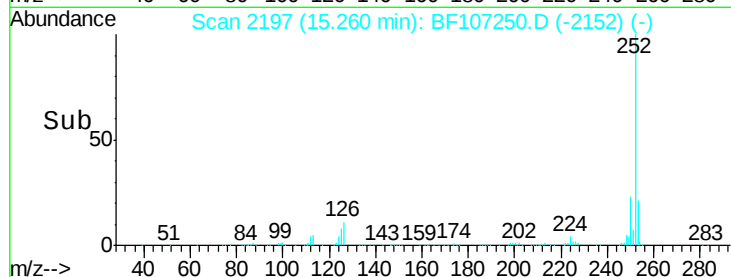
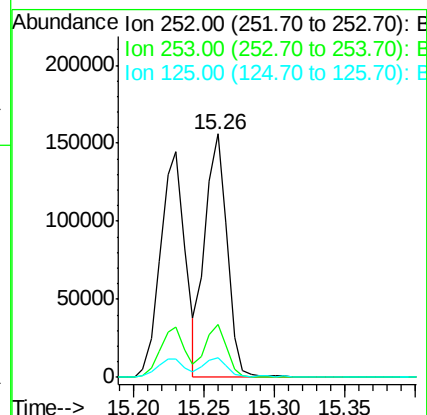
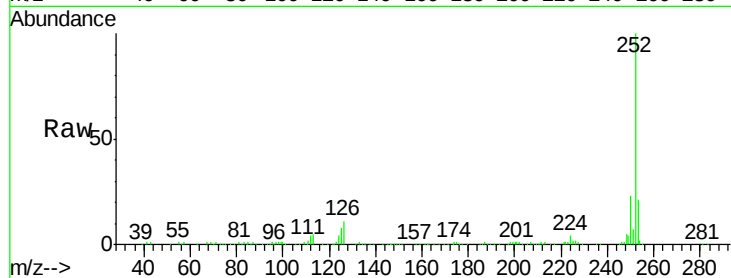




#88
Benzo(k)fluoranthene
Concen: 49.595 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.04 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

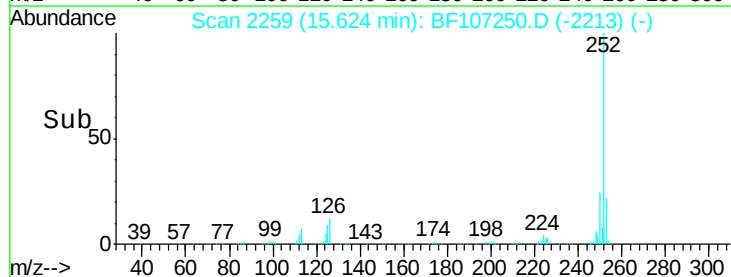
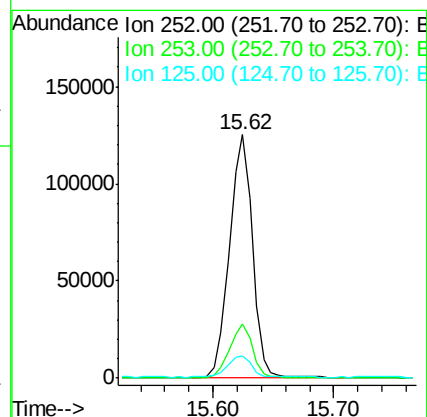
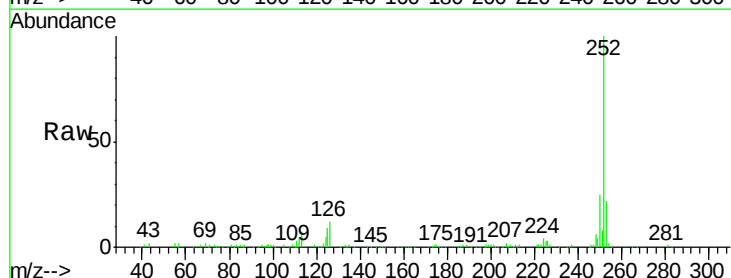
Instrument :
BNA_F
ClientSampleId :
PB110915BS

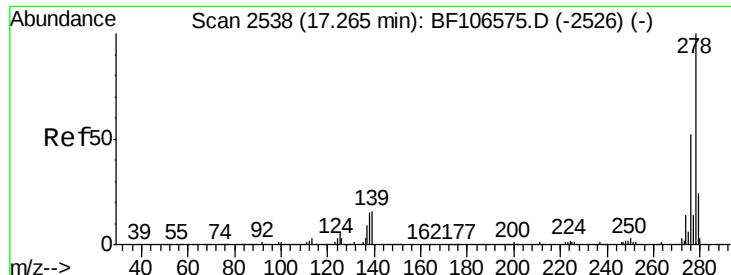
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	8.2	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 52.006 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.0	9.8	14.6#

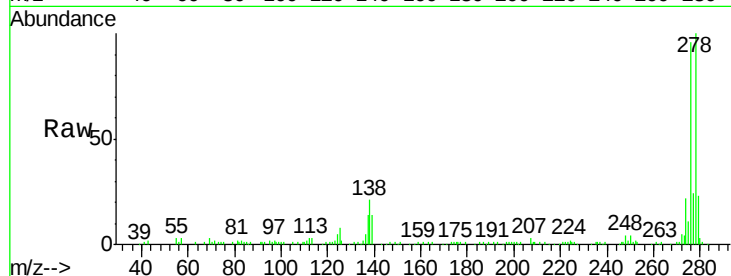




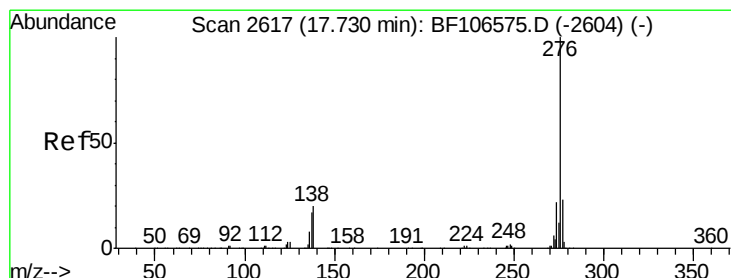
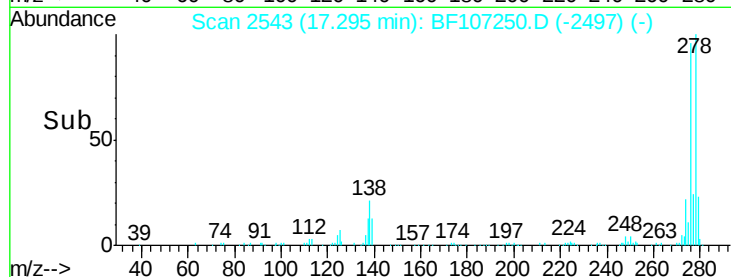
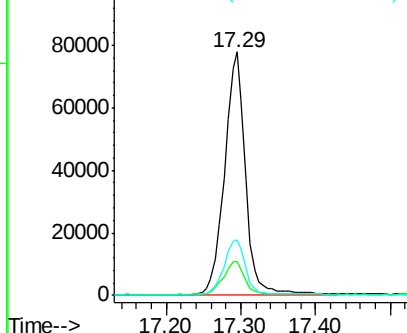
#90
Dibenzo(a,h)anthracene
Concen: 56.925 ng
RT: 17.29 min Scan# 2543
Delta R.T. -0.03 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Instrument :
BNA_F
ClientSampleId :
PB110915BS

Tgt Ion: 278 Resp: 154029
Ion Ratio Lower Upper
278 100
139 13.6 15.9 23.9#
279 22.7 19.0 28.4

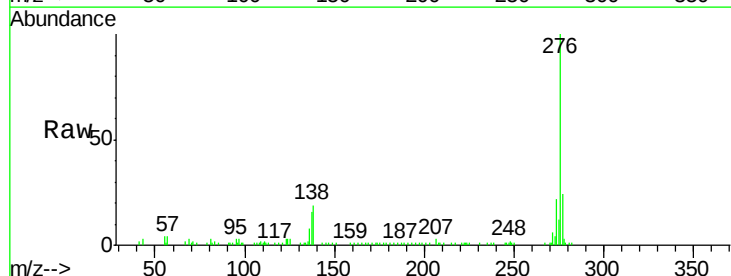


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 58.966 ng
RT: 17.78 min Scan# 2625
Delta R.T. -0.01 min
Lab File: BF107250.D
Acq: 10 Jul 2018 1:24

Tgt Ion: 276 Resp: 155948
Ion Ratio Lower Upper
276 100
277 23.7 17.9 26.9
138 18.6 21.8 32.8#



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

