

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110938.D
 Acq On : 21 Nov 2018 19:48
 Operator : JU/SJ
 Sample : J5981-03MS 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Quant Time: Nov 21 22:09:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54553	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	203713	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	81621	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	140156	20.00	ng	0.00
76) Chrysene-d12	14.16	240	98514	20.00	ng	0.02
87) Perylene-d12	15.69	264	80585	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	109033	32.46	ng	0.00
7) Phenol-d6	6.57	99	136975	31.89	ng	0.00
23) Nitrobenzene-d5	7.51	82	79803	22.56	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	23915	29.08	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	127747	22.35	ng	0.00
79) Terphenyl-d14	13.07	244	121487	23.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	10621	6.347	ng	# 85
3) Pyridine	3.60	79	25462	7.049	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	13904	8.971	ng	# 91
6) Aniline	6.61	93	20412	3.645	ng	# 74
8) 2-Chlorophenol	6.73	128	36769	9.339	ng	98
9) Benzaldehyde	6.51	77	15886	4.736	ng	91
10) Phenol	6.59	94	66479	13.349	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	34655	9.286	ng	98
12) 1,3-Dichlorobenzene	6.88	146	36969	8.582	ng	97
13) 1,4-Dichlorobenzene	6.96	146	39402	9.007	ng	98
14) 1,2-Dichlorobenzene	7.11	146	36304	8.921	ng	97
15) Benzyl Alcohol	7.09	79	28982	8.623	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	51608	8.805	ng	83
17) 2-Methylphenol	7.20	107	29395	9.381	ng	# 86
18) Hexachloroethane	7.45	117	9854	6.102	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	23968	8.743	ng	92
20) 3+4-Methylphenols	7.36	107	50153	12.469	ng	# 70
22) Acetophenone	7.35	105	49803	10.490	ng	# 88
24) Nitrobenzene	7.53	77	36678	10.120	ng	96
25) Isophorone	7.76	82	61394	10.589	ng	98
26) 2-Nitrophenol	7.85	139	13088	7.239	ng	95
27) 2,4-Dimethylphenol	7.87	122	33464	12.153	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	40298	10.266	ng	99
29) 2,4-Dichlorophenol	8.10	162	26786	9.454	ng	97
30) 1,2,4-Trichlorobenzene	8.17	180	29800	9.329	ng	96
31) Naphthalene	8.25	128	1047711	109.556	ng	100
32) Benzoic acid	8.02	122	5716	2.934	ng	# 30
33) 4-Chloroaniline	8.31	127	20011	4.620	ng	97
34) Hexachlorobutadiene	8.35	225	16576	9.085	ng	98
35) Caprolactam	8.65	113	7439	7.859	ng	# 80
36) 4-Chloro-3-methylphenol	8.79	107	27057	8.855	ng	96
37) 2-Methylnaphthalene	8.94	142	229189	36.558	ng	98
38) 1-Methylnaphthalene	9.04	142	209533	34.754	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	24982	9.669	ng	99

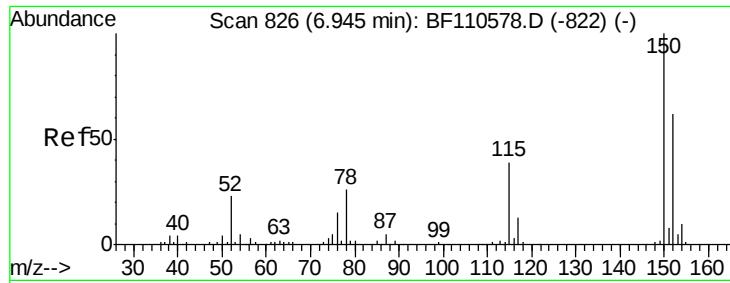
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112118\
 Data File : BF110938.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	15409	9.491	ng	94
44) 2,4,5-Trichlorophenol	9.28	196	16196	9.352	ng	97
46) 1,1'-Biphenyl	9.40	154	173992	22.851	ng	99
47) 2-Chloronaphthalene	9.43	162	53176	9.694	ng	99
48) 2-Nitroaniline	9.54	65	20487	12.120	ng	92
49) Acenaphthylene	9.85	152	895141	113.312	ng	97
50) Dimethylphthalate	9.69	163	83729	13.748	ng	# 99
51) 2,6-Dinitrotoluene	9.77	165	10095	7.535	ng	# 86
52) Acenaphthene	10.02	154	239479	47.969	ng	99
53) 3-Nitroaniline	9.95	138	11732	7.558	ng	# 95
55) Dibenzofuran	10.20	168	753307	103.133	ng	98
56) 4-Nitrophenol	10.14	139	13773	13.375	ng	96
57) 2,4-Dinitrotoluene	10.20	165	13962	8.015	ng	# 1
58) Fluorene	10.55	166	1041992	185.726	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	12383	9.089	ng	# 76
60) Diethylphthalate	10.39	149	66364	11.014	ng	98
61) 4-Chlorophenyl-phenylether	10.52	204	26082	8.979	ng	96
62) 4-Nitroaniline	10.57	138	15613	9.989	ng	95
63) Azobenzene	10.68	77	54997	9.356	ng	# 82
66) n-Nitrosodiphenylamine	10.64	169	51282	10.855	ng	96
67) 4-Bromophenyl-phenylether	11.02	248	14590	9.419	ng	92
68) Hexachlorobenzene	11.10	284	15146	9.274	ng	# 90
69) Atrazine	11.17	200	15175	10.506	ng	94
70) Pentachlorophenol	11.31	266	9371	10.754	ng	# 87
71) Phenanthrene	11.54	178	4371623	582.197	ng	97
72) Anthracene	11.59	178	1989532	262.659	ng	99
73) Carbazole	11.72	167	481897	66.246	ng	99
74) Di-n-butylphthalate	12.03	149	89183	10.455	ng	# 95
75) Fluoranthene	12.74	202	4654009	618.217	ng	97
77) Benzidine	12.84	184	26796	9.891	ng	98
78) Pyrene	12.97	202	3731227	491.899	ng	98
80) Butylbenzylphthalate	13.53	149	42148	12.910	ng	95
81) Benzo(a)anthracene	14.15	228	1986368	337.343	ng	# 89
82) 3,3'-Dichlorobenzidine	14.10	252	16041	8.132	ng	# 98
83) Chrysene	14.15	228	1986368	354.090	ng	94
84) Bis(2-ethylhexyl)phthalate	14.09	149	60028	14.821	ng	# 94
85) Di-n-octyl phthalate	14.70	149	96065	16.130	ng	97
86) Indeno(1,2,3-cd)pyrene	17.30	276	609652	151.446	ng	96
88) Benzo(b)fluoranthene	15.24	252	1992622	413.332	ng	96
89) Benzo(k)fluoranthene	15.24	252	1992622	418.304	ng	# 95
90) Benzo(a)pyrene	15.64	252	1040359	237.519	ng	97
91) Dibenzo(a,h)anthracene	17.29	278	182843	49.328	ng	94
92) Benzo(g,h,i)perylene	17.79	276	503632	136.943	ng	98

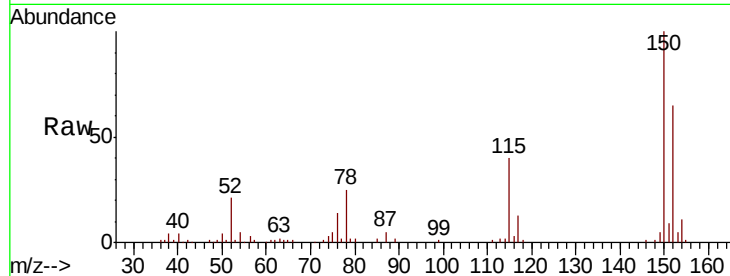
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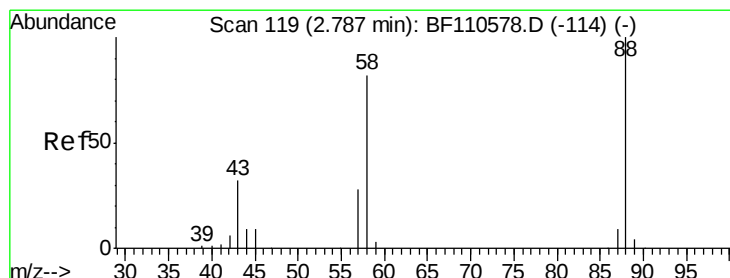
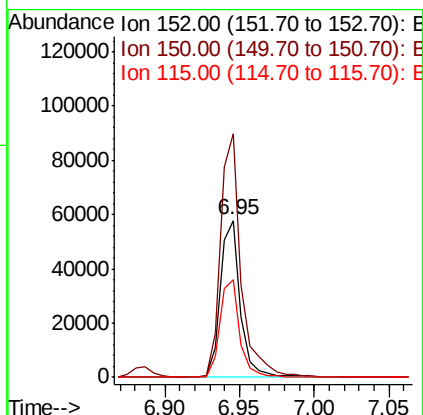
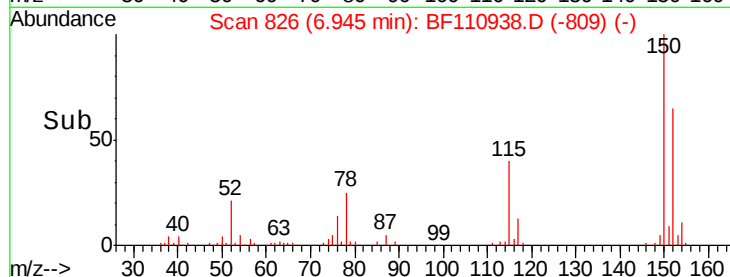
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:152 Resp: 54553
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.7 184.1
 115 62.0 49.1 73.7

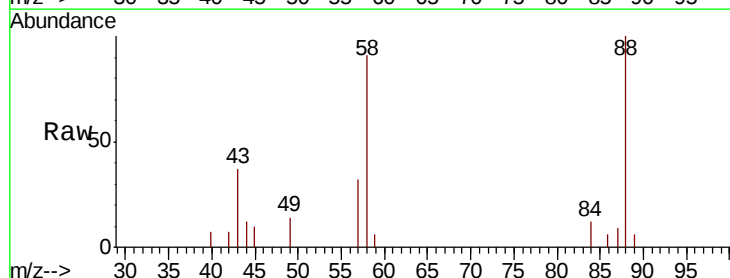


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

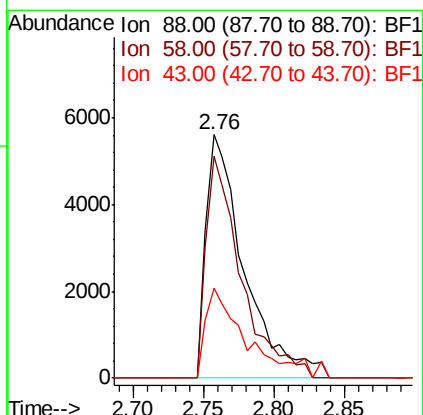
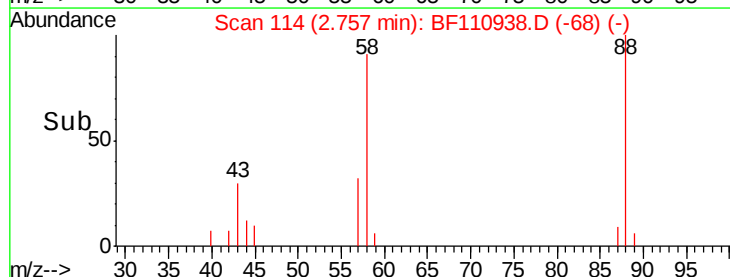


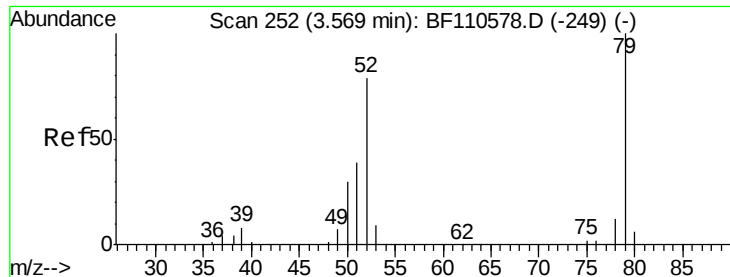
#2
 1,4-Dioxane
 Concen: 6.347 ng
 RT: 2.76 min Scan# 114
 Delta R.T. -0.03 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion: 88 Resp: 10621
 Ion Ratio Lower Upper
 88 100
 58 83.2 57.1 85.7
 43 40.0 24.1 36.1#



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

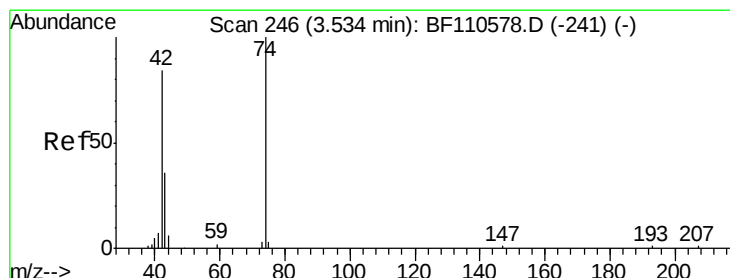
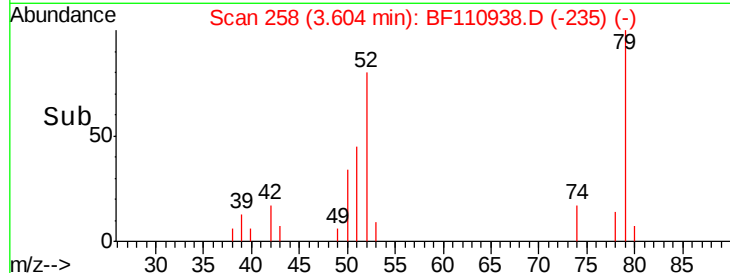
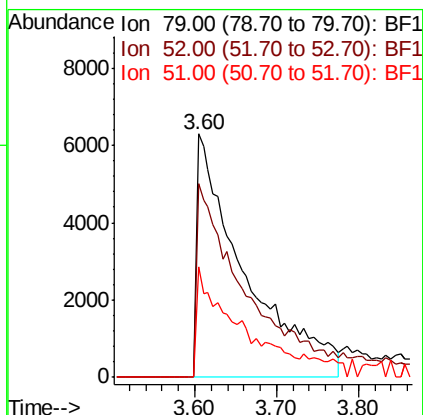
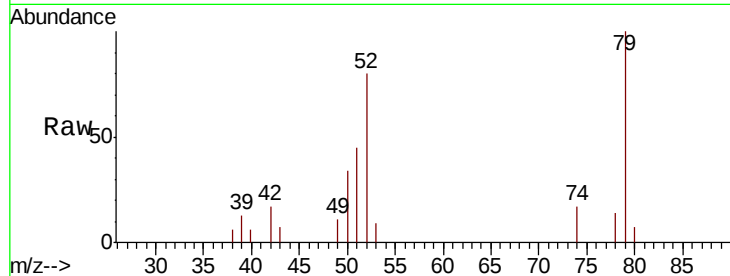




#3
 Pyridine
 Concen: 7.049 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

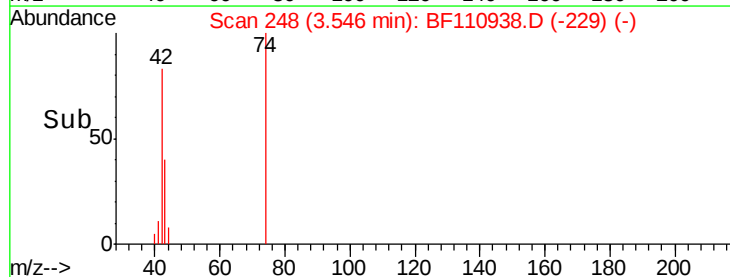
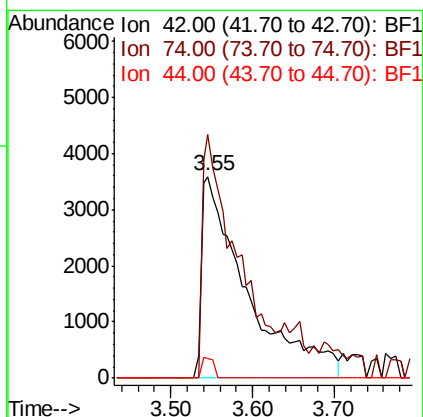
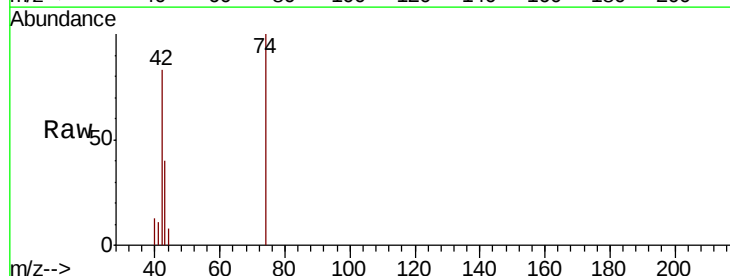
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

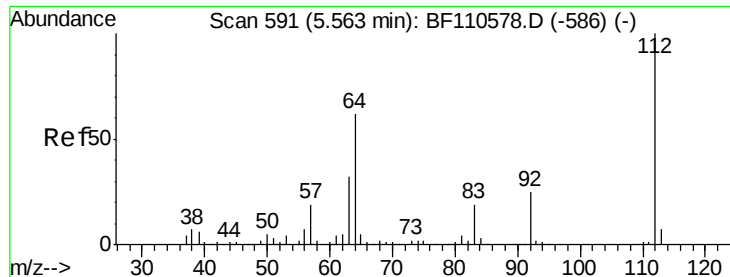
Tgt Ion: 79 Resp: 25462
 Ion Ratio Lower Upper
 79 100
 52 79.8 53.1 79.7#
 51 45.2 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 8.971 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion: 42 Resp: 13904
 Ion Ratio Lower Upper
 42 100
 74 120.9 105.5 158.3
 44 9.8 4.9 7.3#





#5

2-Fluorophenol

Concen: 32.465 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

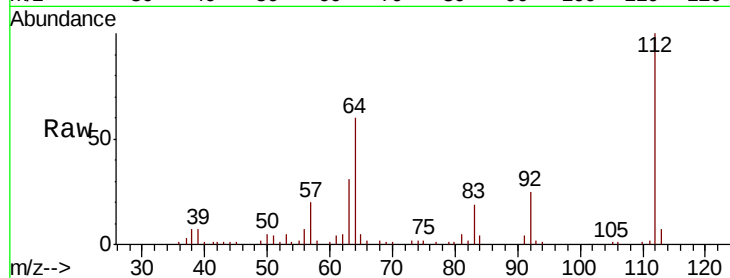
Tgt Ion: 112 Resp: 109033

Ion Ratio Lower Upper

112 100

64 59.6 44.1 66.1

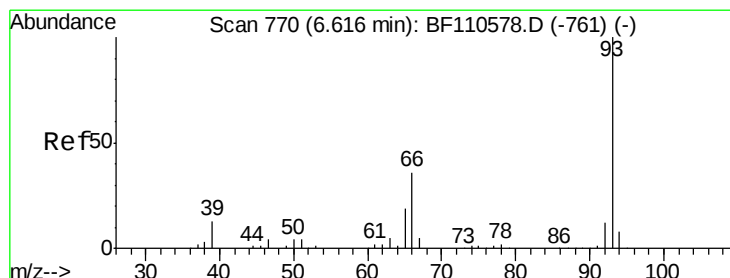
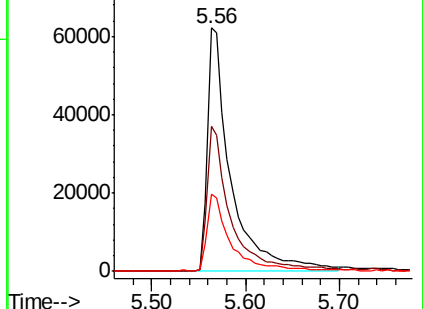
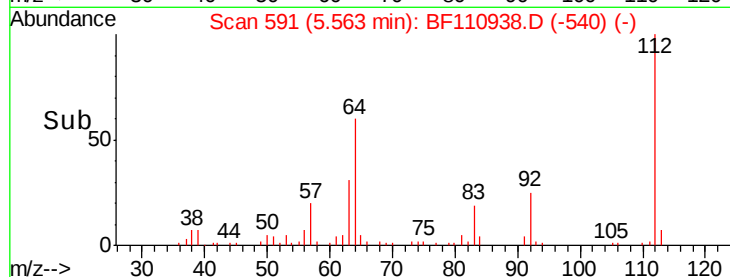
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.645 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

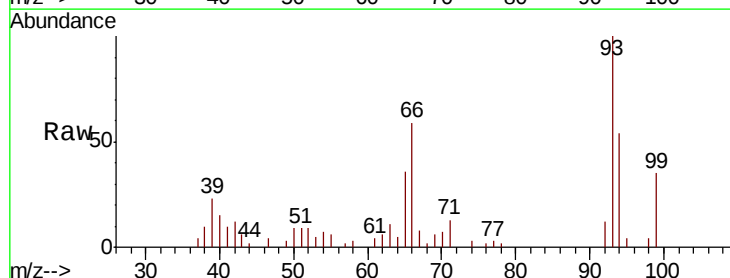
Tgt Ion: 93 Resp: 20412

Ion Ratio Lower Upper

93 100

66 58.9 67.4 101.0#

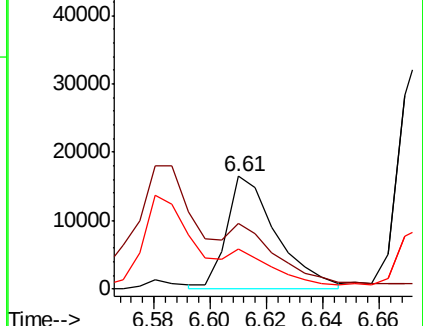
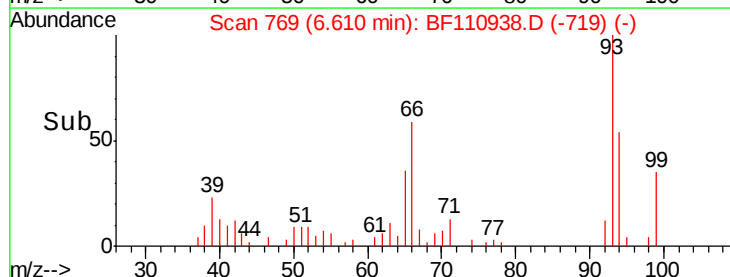
65 36.2 41.0 61.4#

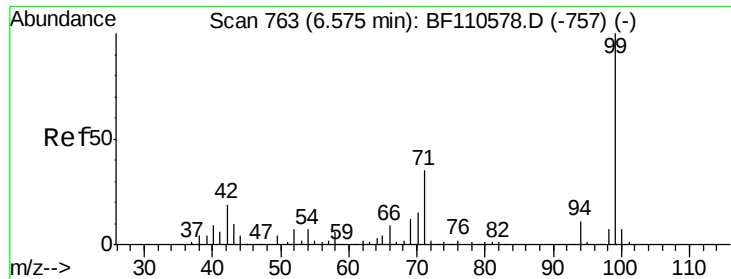


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 31.894 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

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ClientSampleId :

DTW-02(11-13)MS

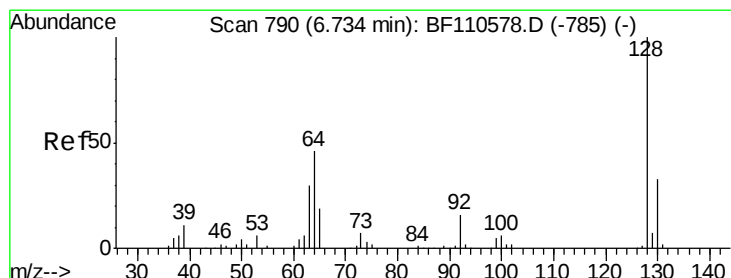
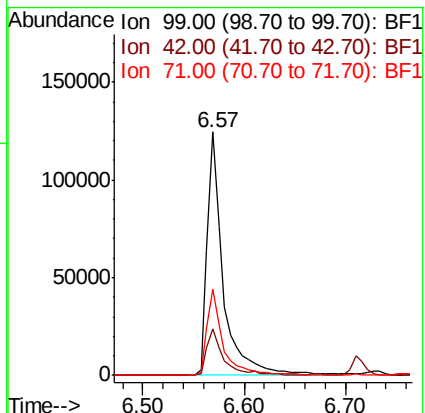
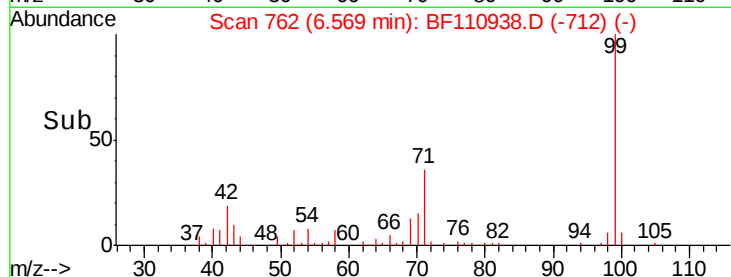
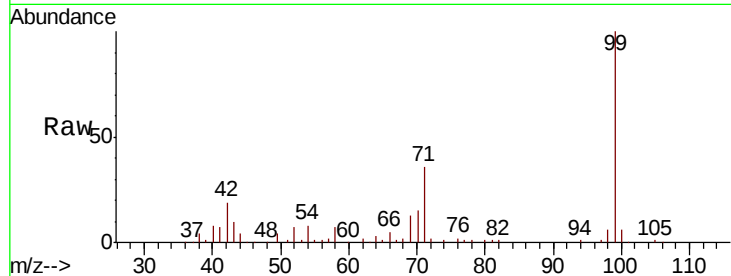
Tgt Ion: 99 Resp: 136975

Ion Ratio Lower Upper

99 100

42 19.0 15.8 23.6

71 35.6 28.0 42.0



#8

2-Chlorophenol

Concen: 9.339 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

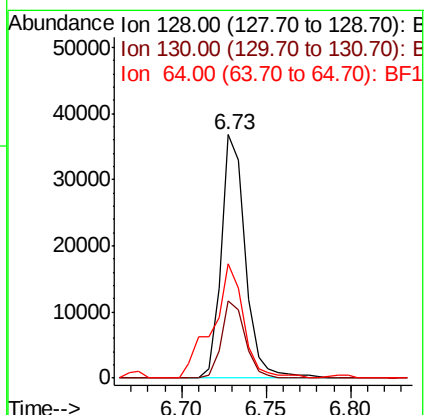
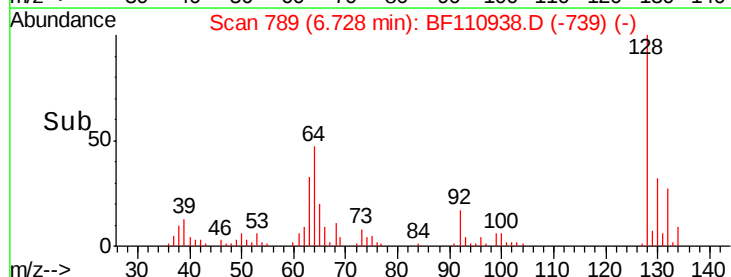
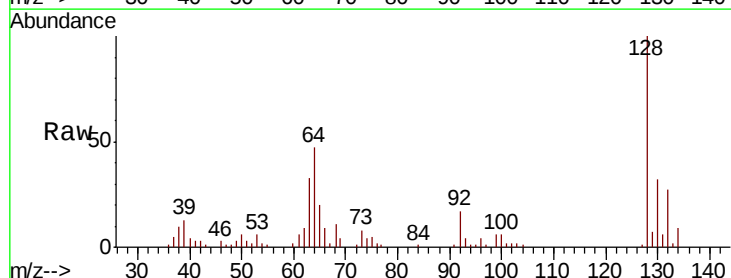
Tgt Ion: 128 Resp: 36769

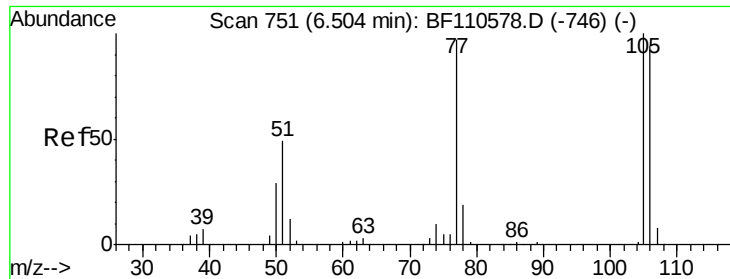
Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

64 47.2 26.0 66.0





#9

Benzaldehyde

Concen: 4.736 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

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DTW-02(11-13)MS

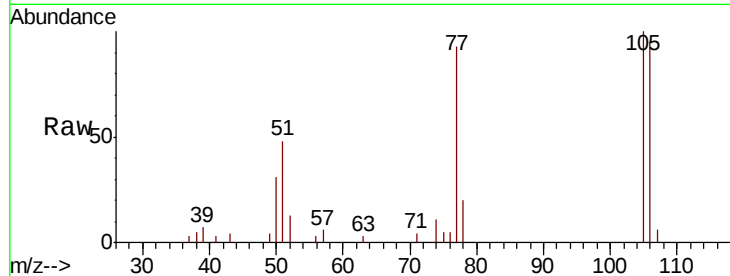
Tgt Ion: 77 Resp: 15886

Ion Ratio Lower Upper

77 100

105 107.6 78.6 118.6

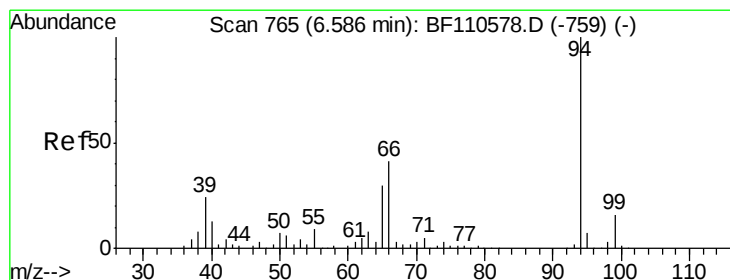
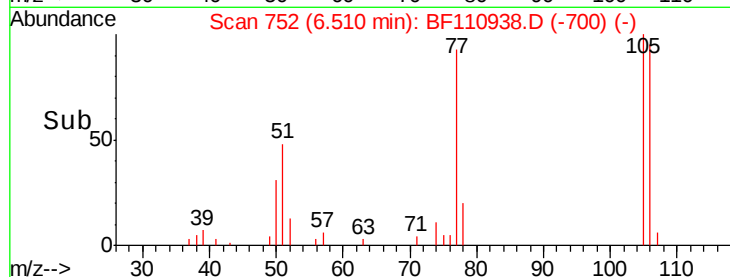
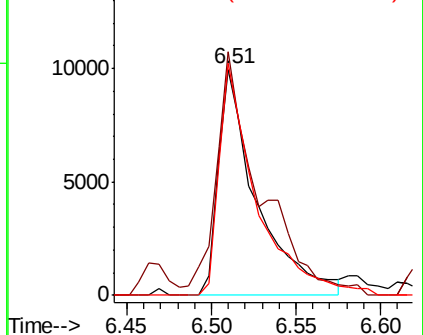
106 102.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 13.349 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

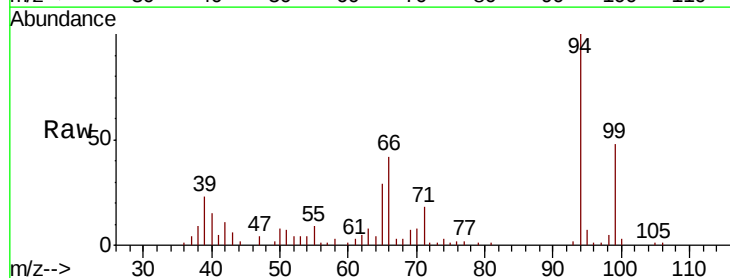
Tgt Ion: 94 Resp: 66479

Ion Ratio Lower Upper

94 100

65 28.9 25.3 65.3

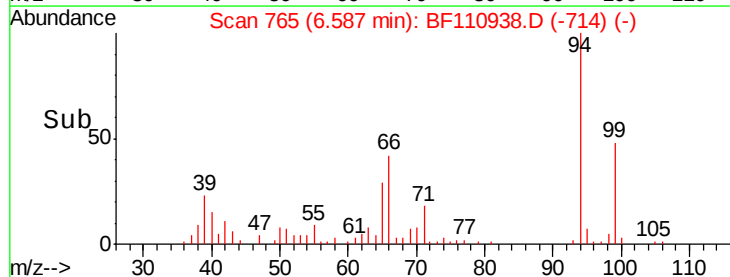
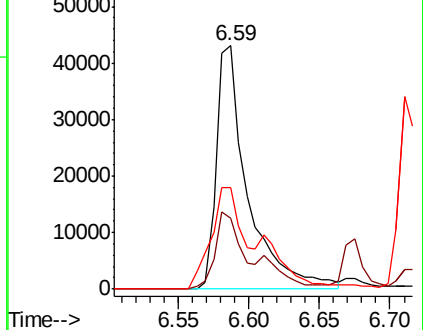
66 41.7 54.5 94.5#

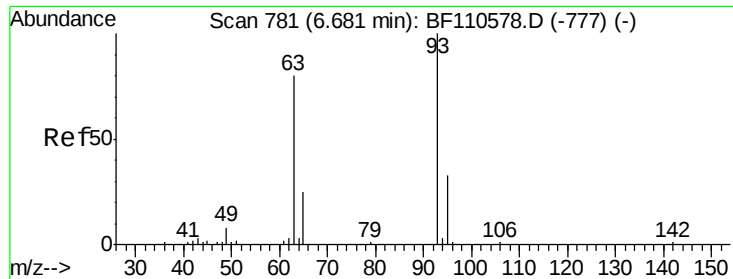


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

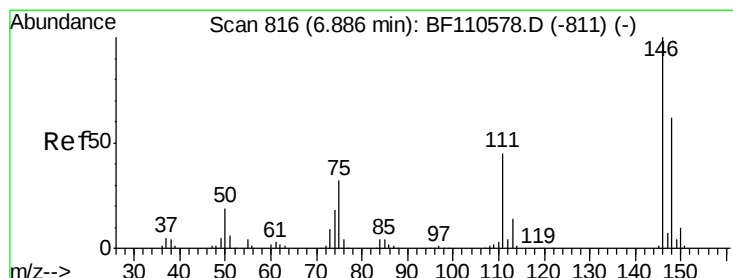
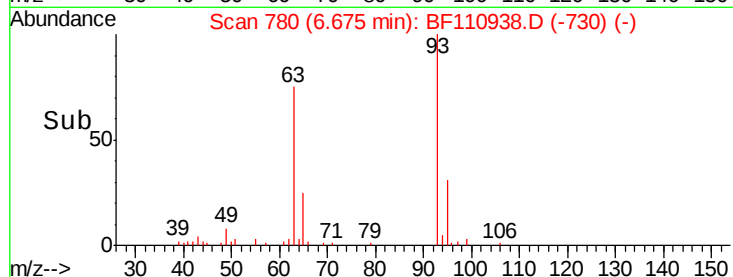
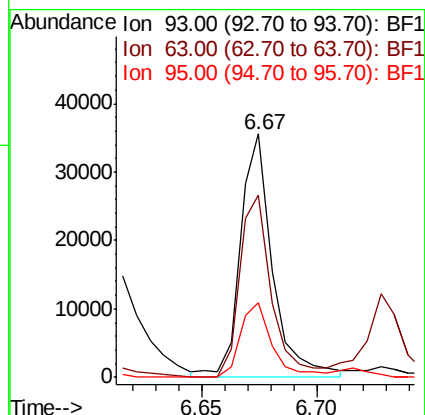
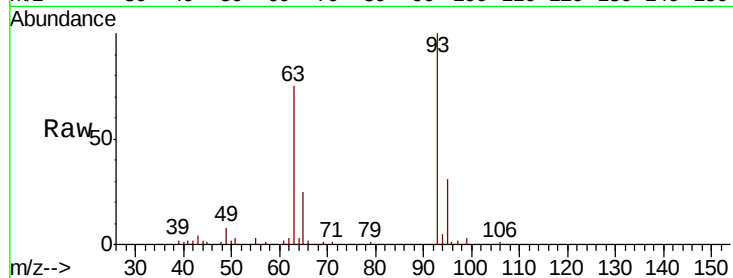




#11
 bis(2-Chloroethyl)ether
 Concen: 9.286 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

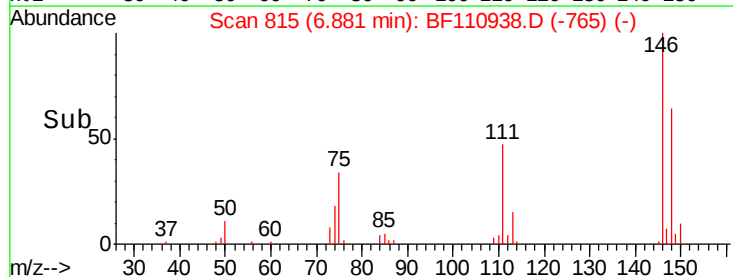
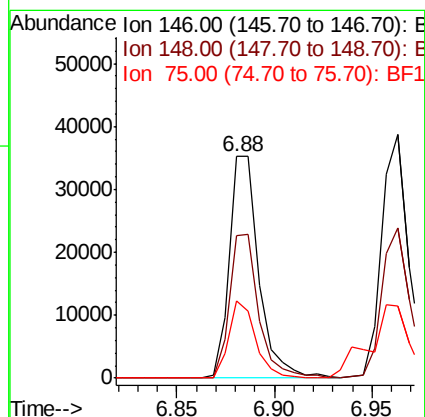
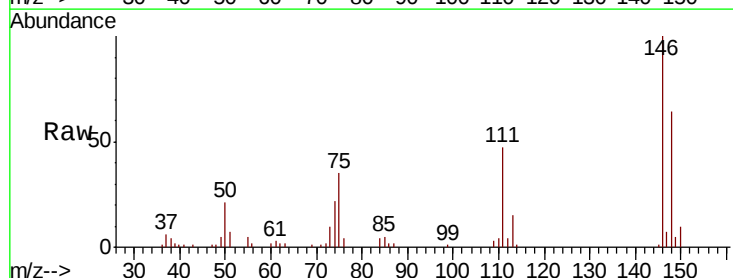
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

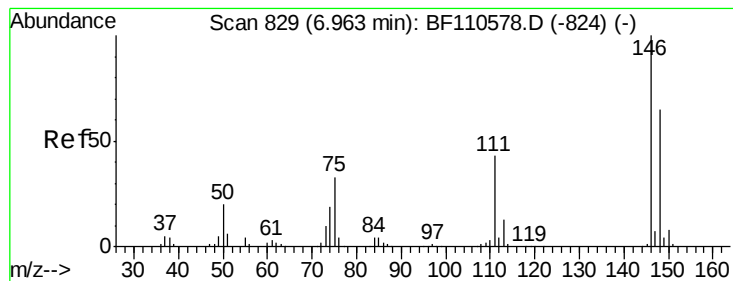
Tgt Ion: 93 Resp: 34655
 Ion Ratio Lower Upper
 93 100
 63 74.8 53.4 93.4
 95 30.8 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 8.582 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion: 146 Resp: 36969
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 75 35.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 9.007 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

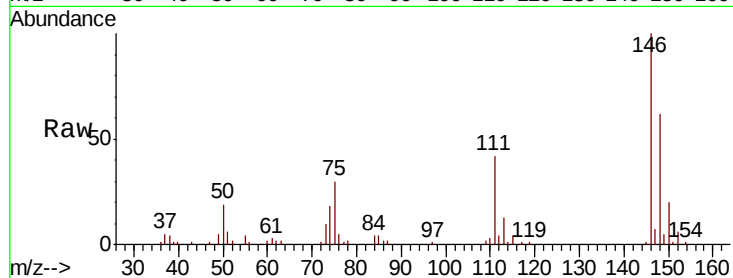
Tgt Ion:146 Resp: 39402

Ion Ratio Lower Upper

146 100

148 61.9 50.3 75.5

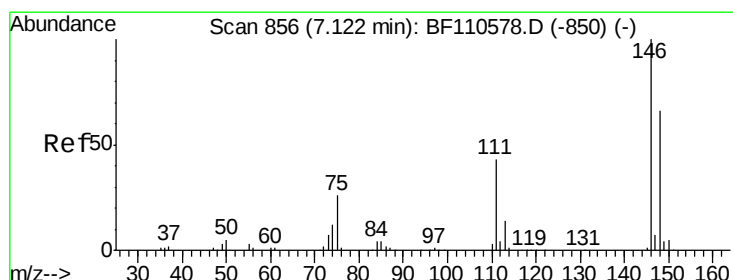
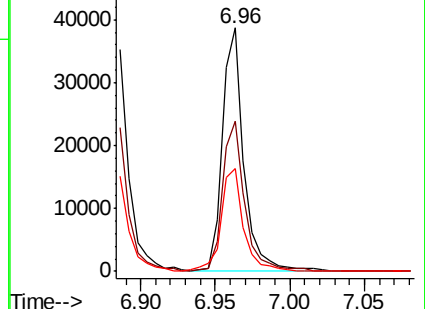
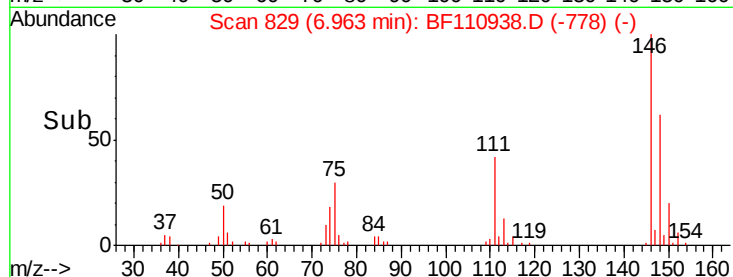
111 42.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.921 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

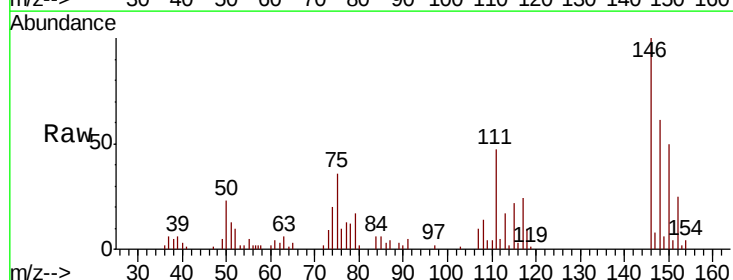
Tgt Ion:146 Resp: 36304

Ion Ratio Lower Upper

146 100

148 61.1 51.1 76.7

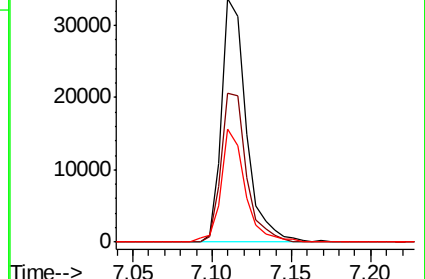
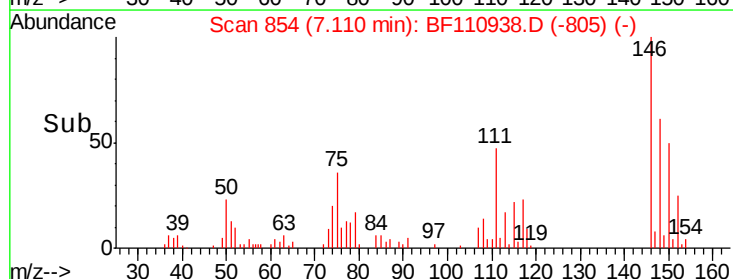
111 46.6 35.8 53.6

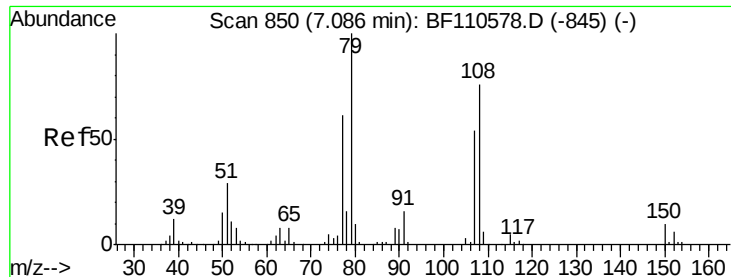


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 8.623 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

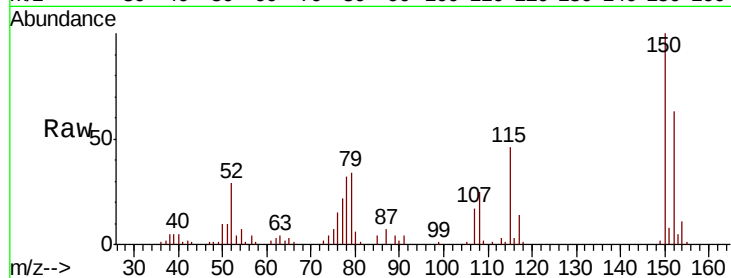
Tgt Ion: 79 Resp: 28982

Ion Ratio Lower Upper

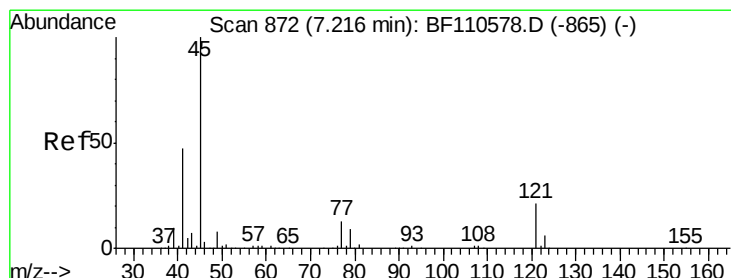
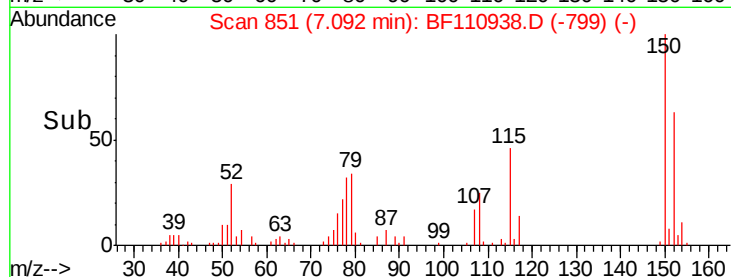
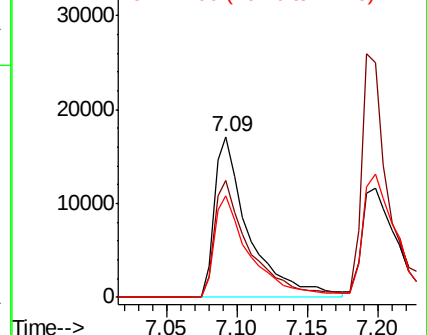
79 100

108 72.8 56.3 84.5

77 63.2 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.805 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

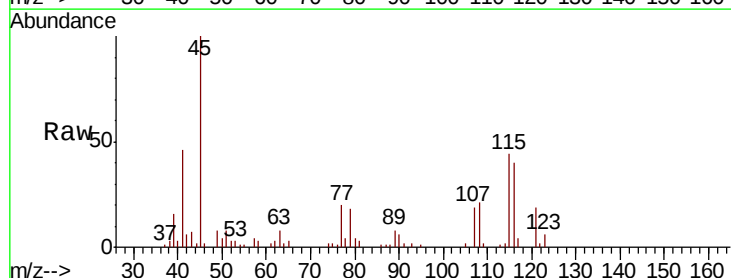
Tgt Ion: 45 Resp: 51608

Ion Ratio Lower Upper

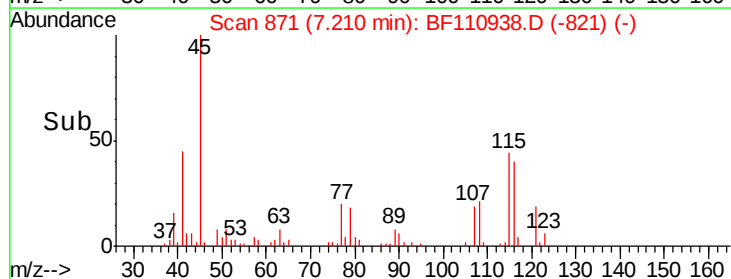
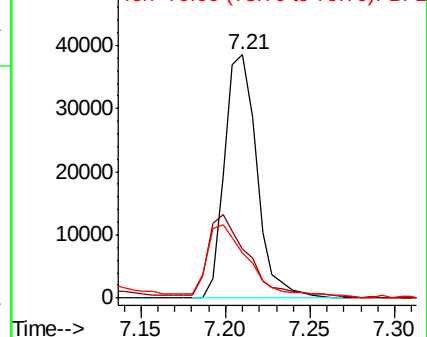
45 100

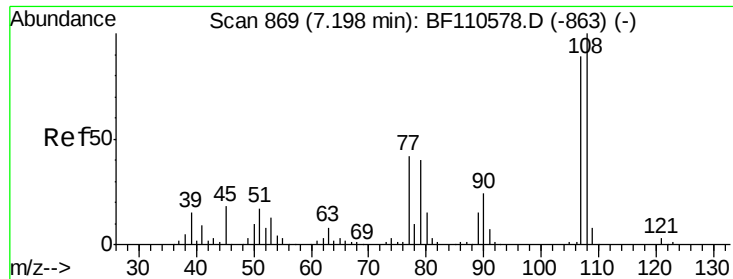
77 20.3 10.0 50.0

79 18.5 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

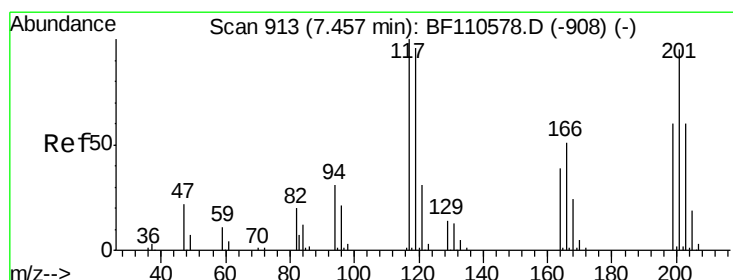
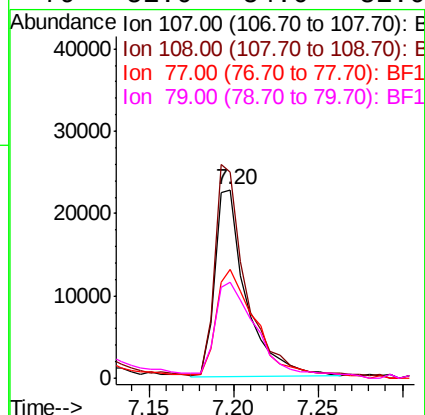
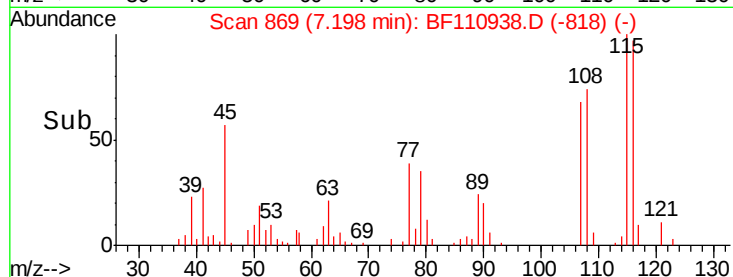
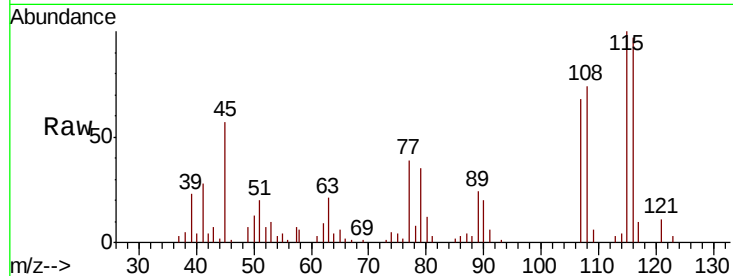




#17
2-Methylphenol
Concen: 9.381 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

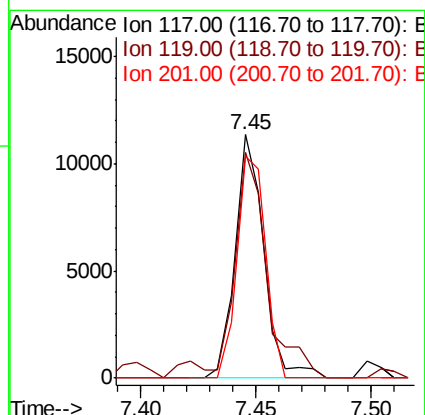
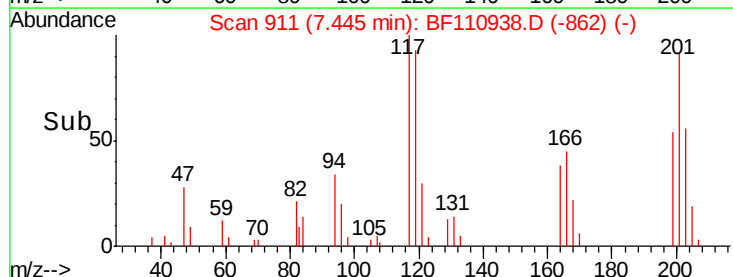
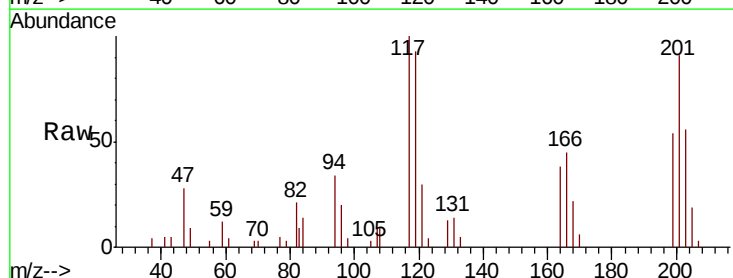
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

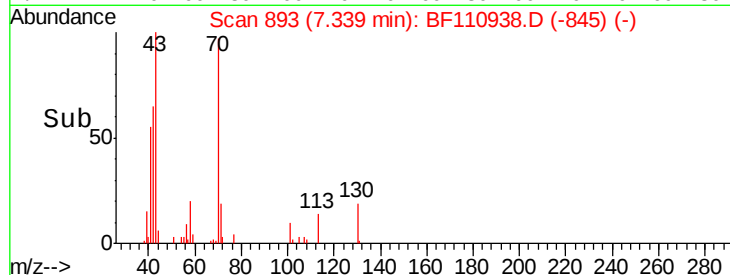
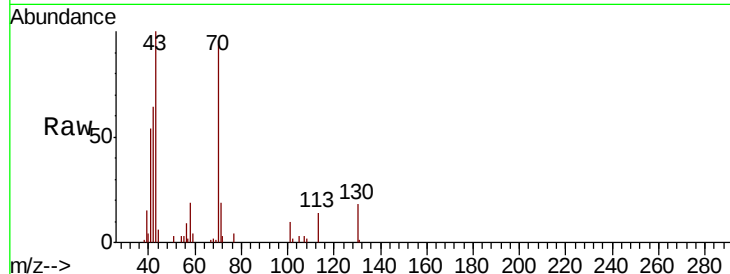
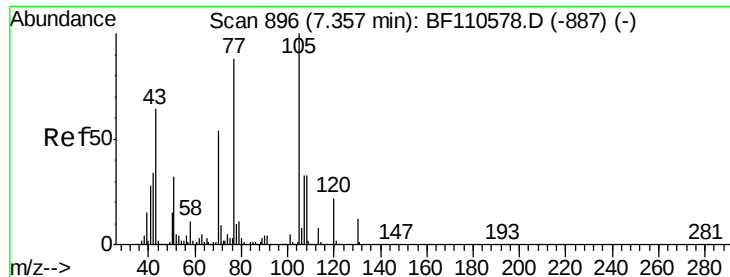
Tgt Ion:107 Resp: 29395
Ion Ratio Lower Upper
107 100
108 109.1 92.6 138.8
77 57.6 59.4 89.2#
79 51.0 54.0 81.0#



#18
Hexachloroethane
Concen: 6.102 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:117 Resp: 9854
Ion Ratio Lower Upper
117 100
119 92.6 75.0 112.6
201 91.0 79.2 118.8

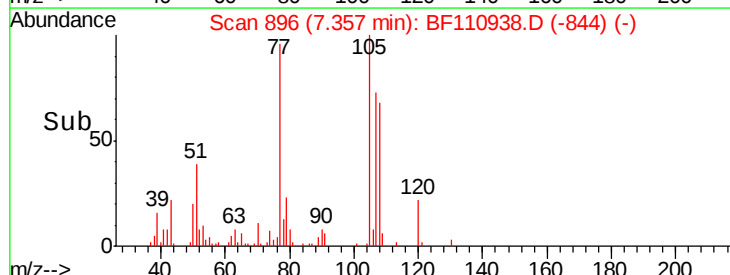
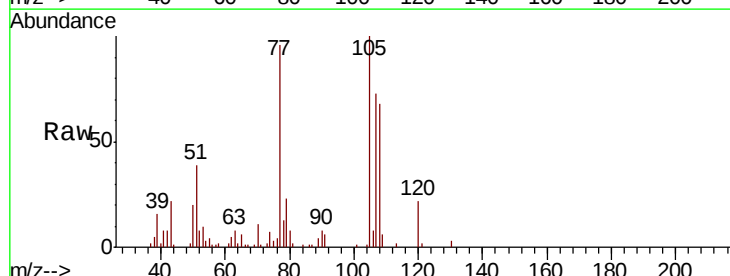
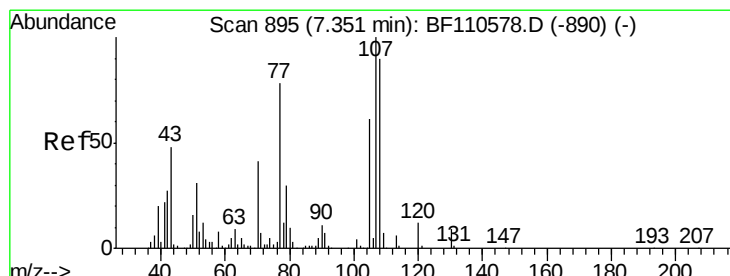
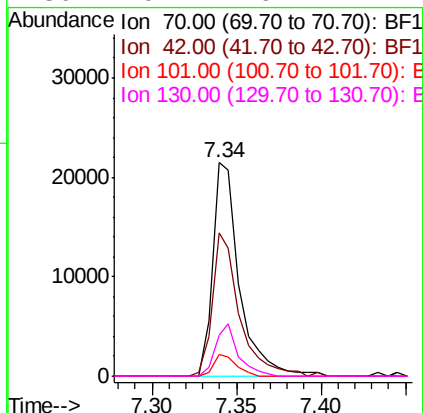




#19
n-Nitroso-di-n-propylamine
Concen: 8.743 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

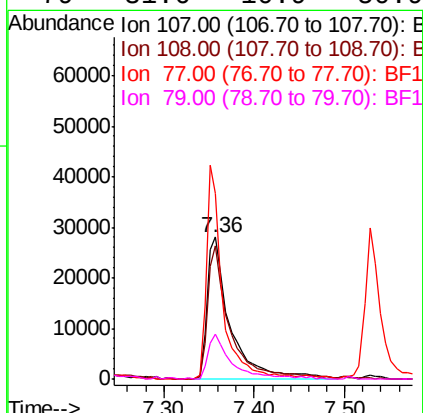
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

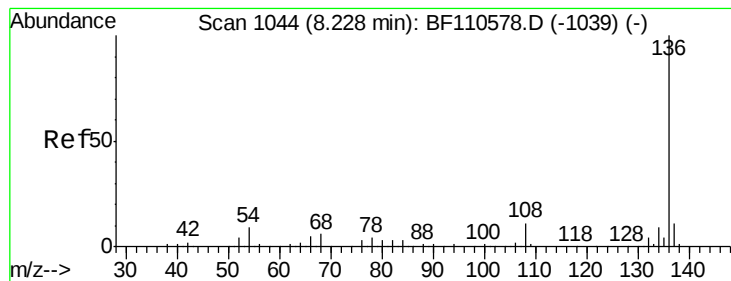
Tgt Ion:	70	Resp:	23968
Ion	Ratio	Lower	Upper
70	100		
42	67.3	47.4	71.2
101	10.3	7.3	10.9
130	19.1	16.2	24.2



#20
3+4-Methylphenols
Concen: 12.469 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:	107	Resp:	50153
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.4	111.4
77	131.2	47.3	87.3#
79	31.6	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

Tgt Ion:136 Resp: 203713

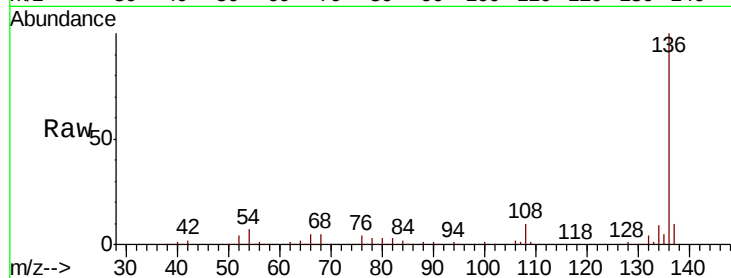
Ion Ratio Lower Upper

136 100

137 10.1 8.8 13.2

54 7.4 5.4 8.2

68 4.7 4.2 6.2

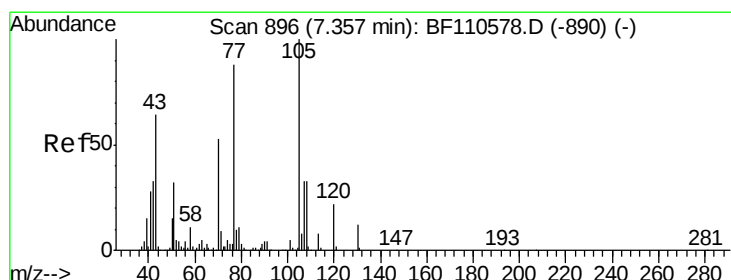
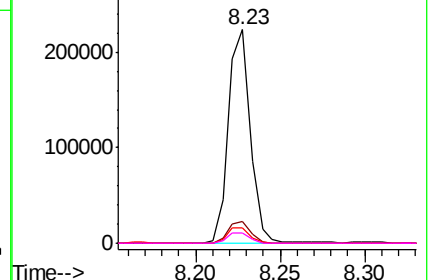
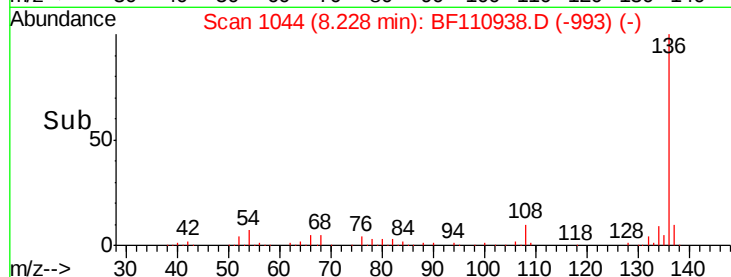


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.490 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:105 Resp: 49803

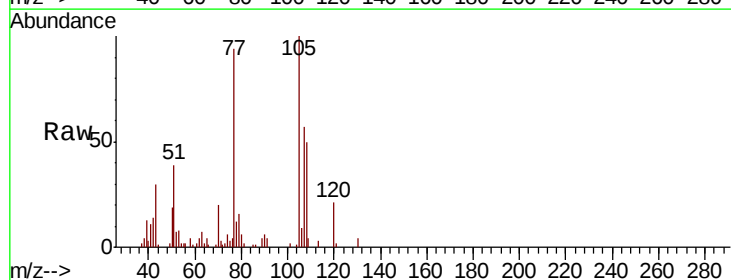
Ion Ratio Lower Upper

105 100

71 3.4 5.2 7.8#

51 38.8 21.8 32.8#

120 20.9 17.0 25.4

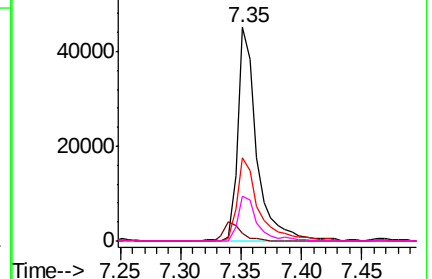
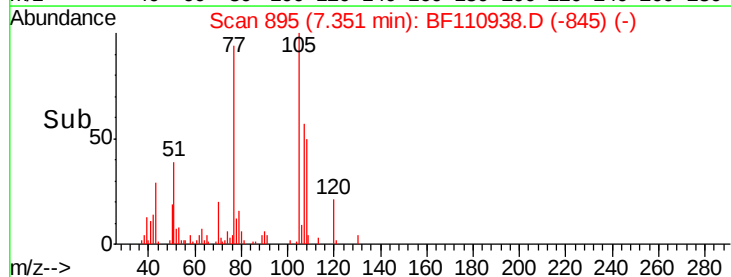


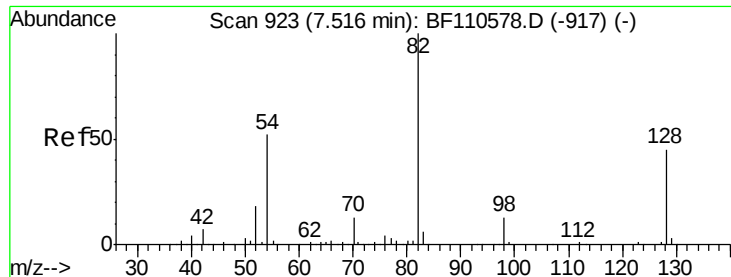
Abundance Ion 105.00 (104.70 to 105.70): E

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

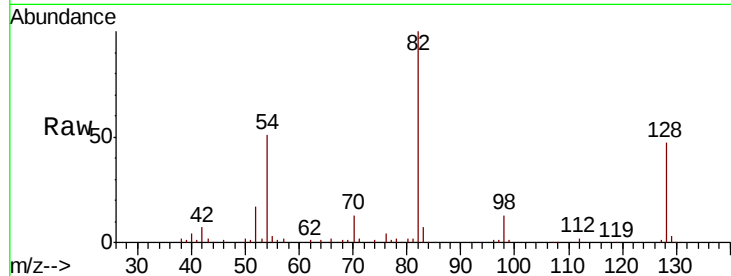




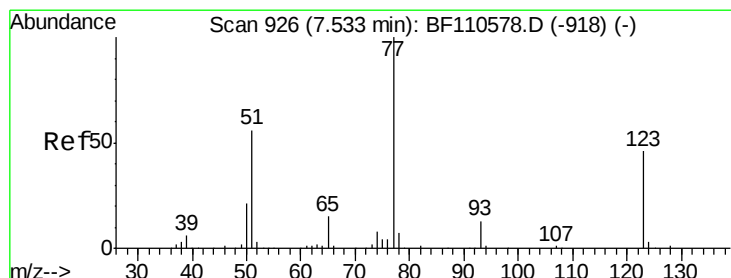
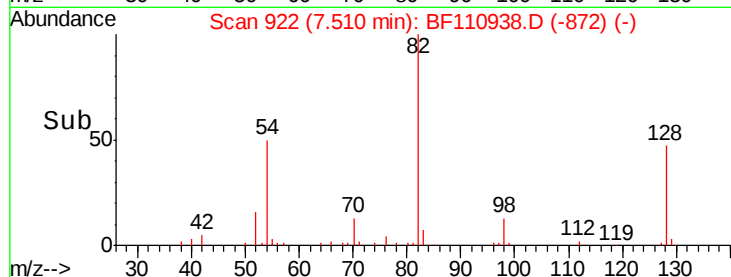
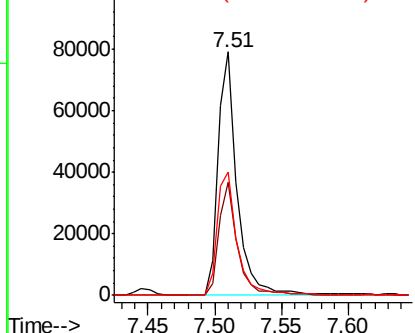
#23
 Nitrobenzene-d5
 Concen: 22.560 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion: 82 Resp: 79803
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.2 51.2
 54 50.5 38.6 58.0

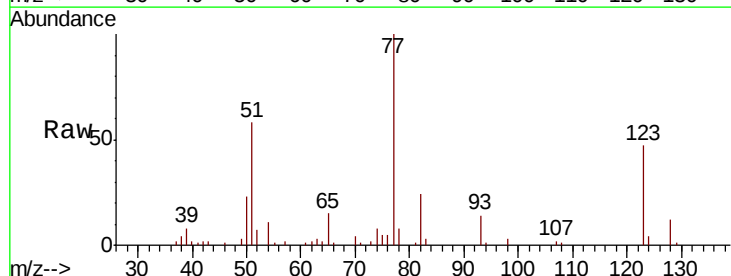


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

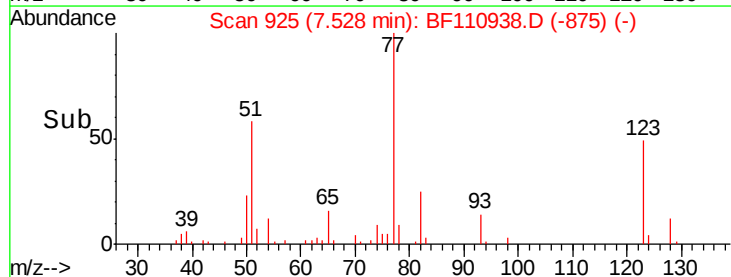
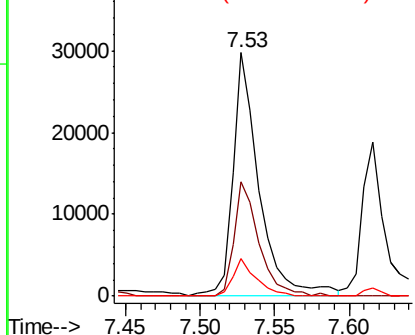


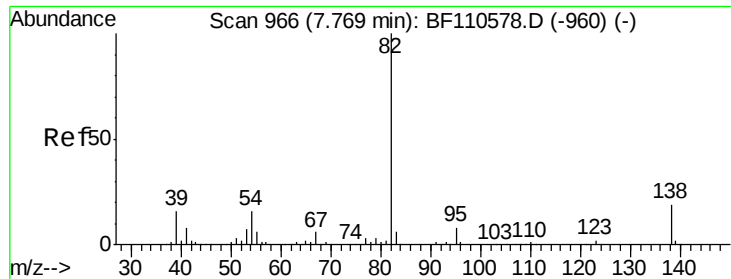
#24
 Nitrobenzene
 Concen: 10.120 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion: 77 Resp: 36678
 Ion Ratio Lower Upper
 77 100
 123 47.1 35.7 53.5
 65 15.2 10.7 16.1



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

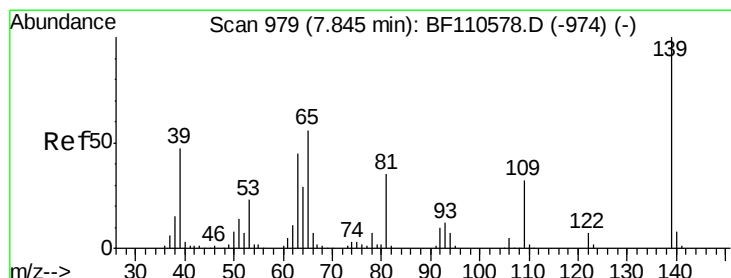
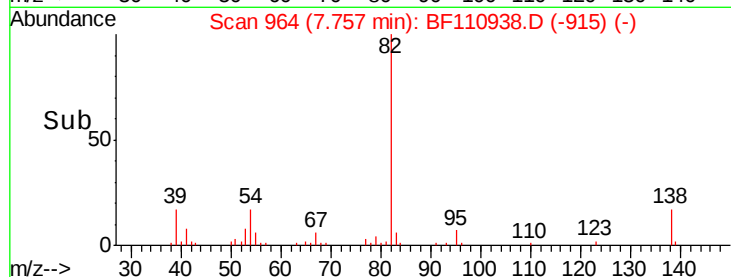
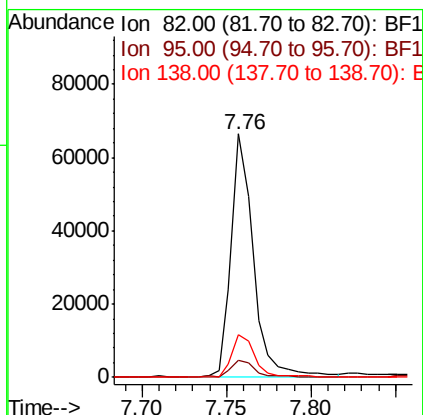
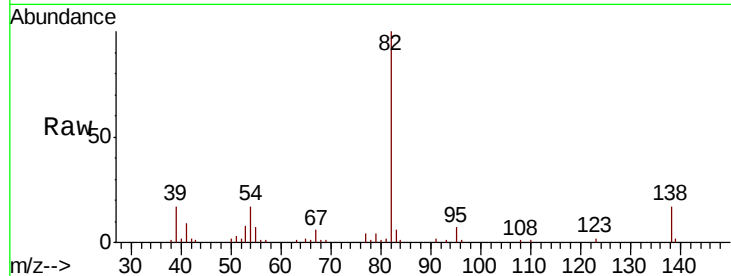




#25
Isophorone
Concen: 10.589 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

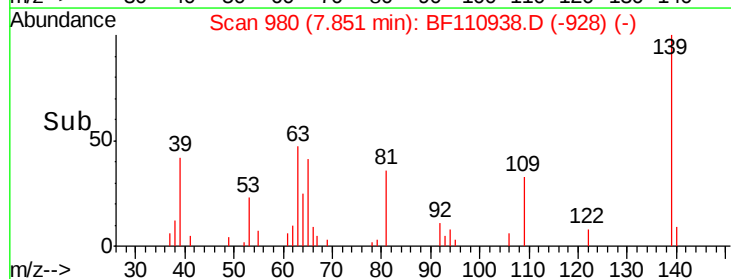
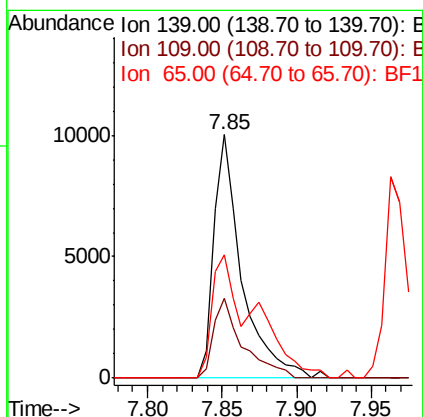
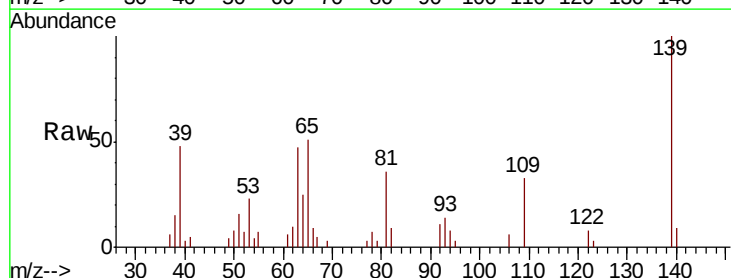
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

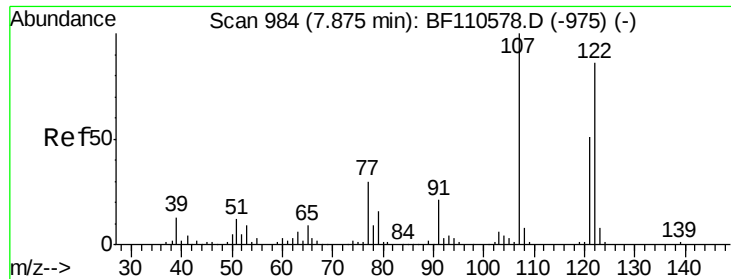
Tgt Ion: 82 Resp: 61394
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.4 13.2 19.8



#26
2-Nitrophenol
Concen: 7.239 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion: 139 Resp: 13088
Ion Ratio Lower Upper
139 100
109 32.8 25.0 37.6
65 50.6 44.0 66.0

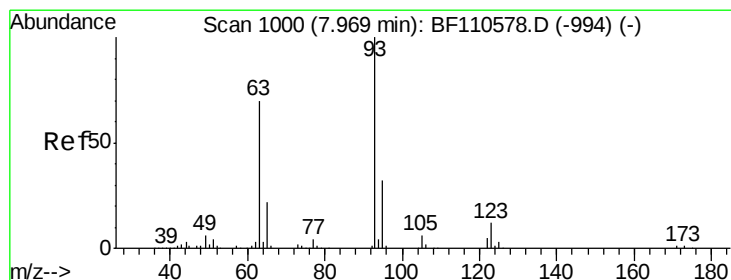
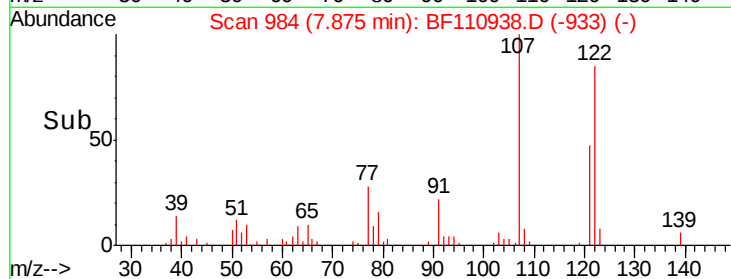
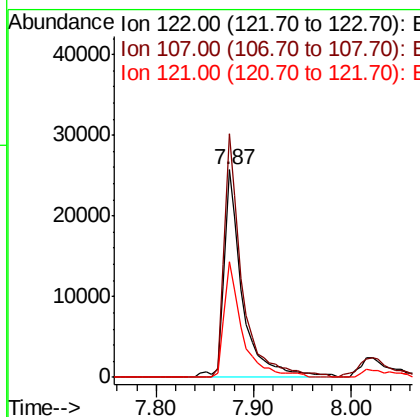
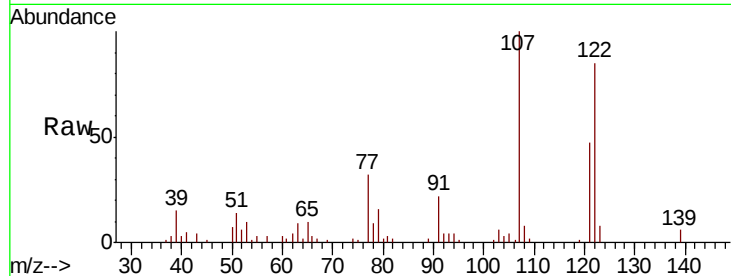




#27
2,4-Dimethylphenol
Concen: 12.153 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

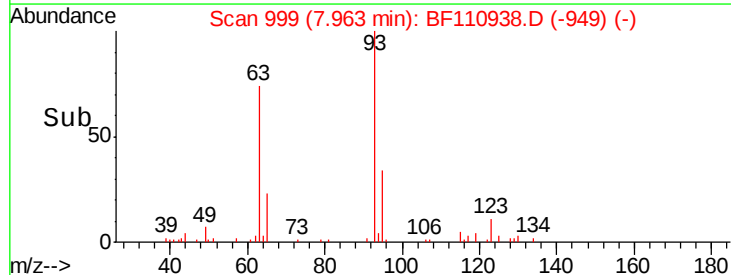
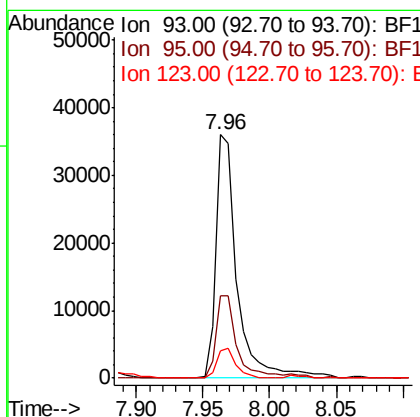
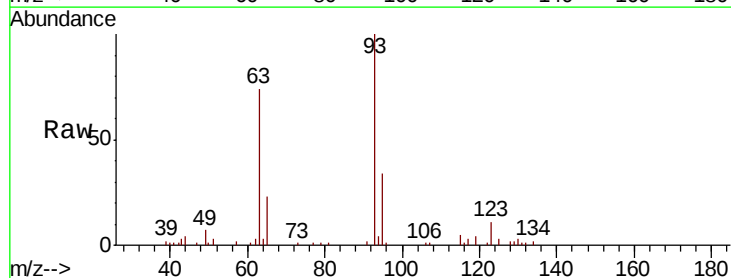
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

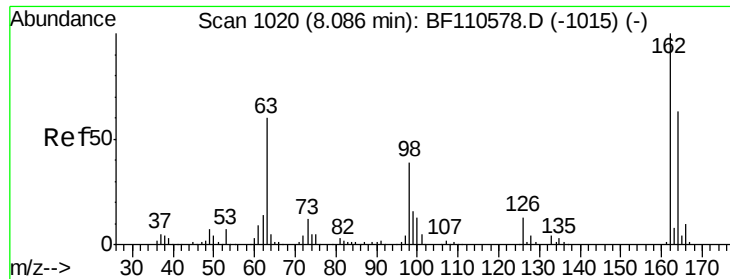
Tgt Ion:122 Resp: 33464
Ion Ratio Lower Upper
122 100
107 117.4 92.5 138.7
121 55.7 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 10.266 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion: 93 Resp: 40298
Ion Ratio Lower Upper
93 100
95 34.0 26.4 39.6
123 11.3 9.0 13.6

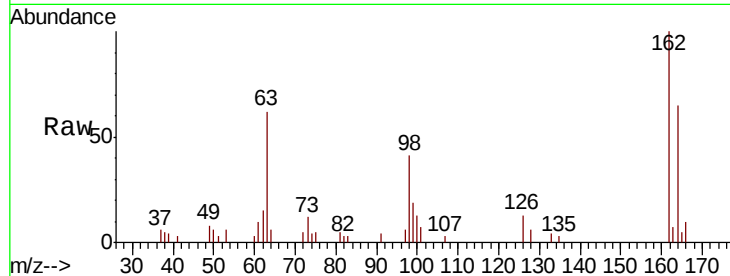




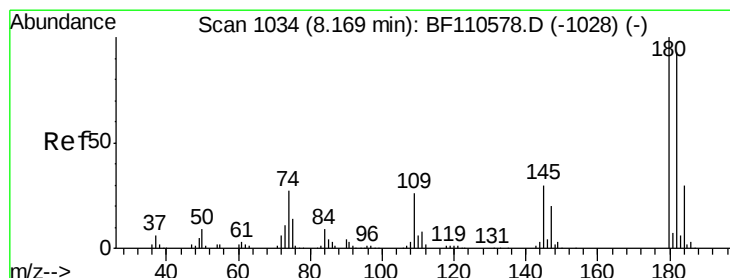
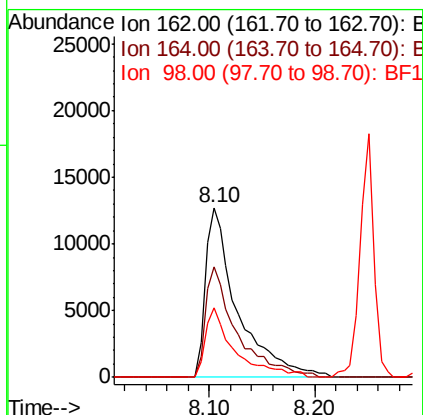
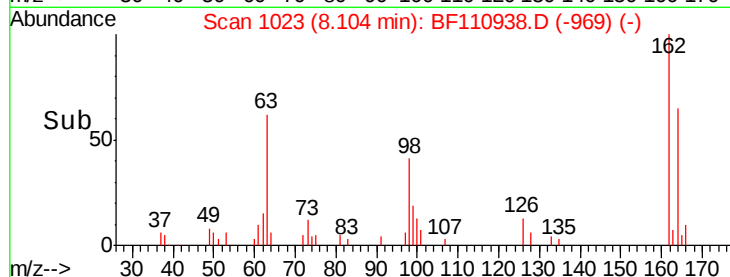
#29
 2,4-Dichlorophenol
 Concen: 9.454 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:162 Resp: 26786
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.6 84.6
 98 40.9 17.4 57.4

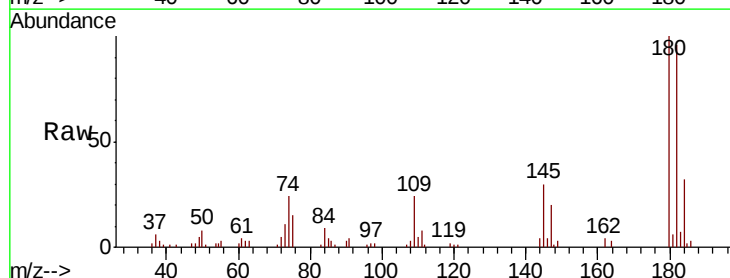


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

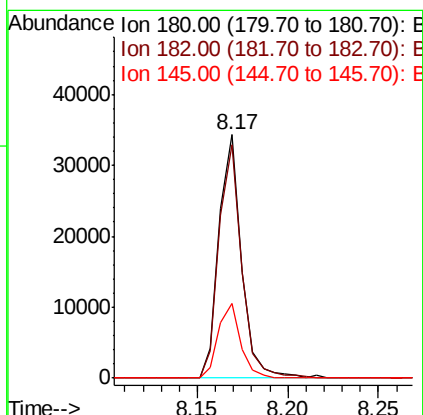
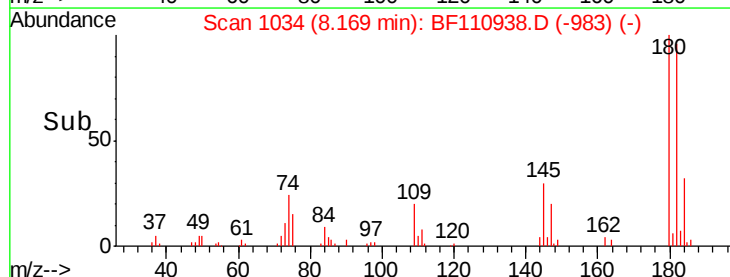


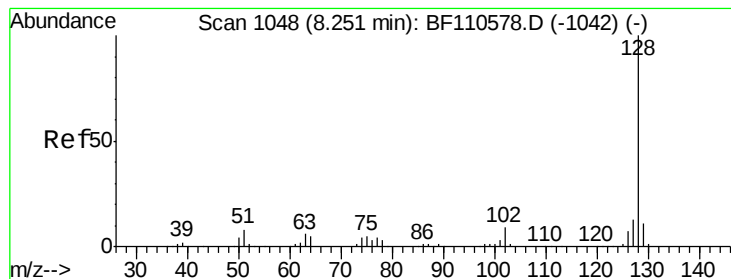
#30
 1,2,4-Trichlorobenzene
 Concen: 9.329 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:180 Resp: 29800
 Ion Ratio Lower Upper
 180 100
 182 95.7 80.3 120.5
 145 30.5 25.4 38.0



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: 109.556 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

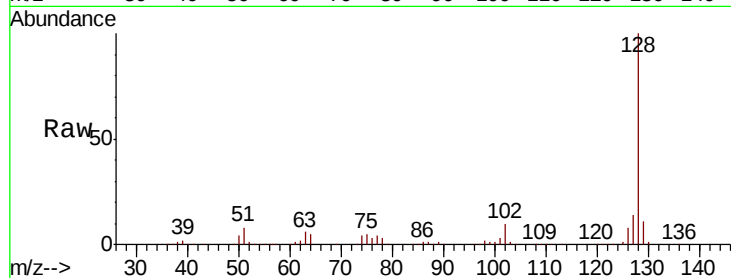
Tgt Ion:128 Resp: 1047711

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

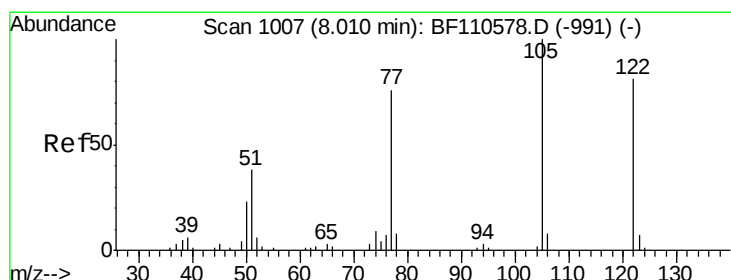
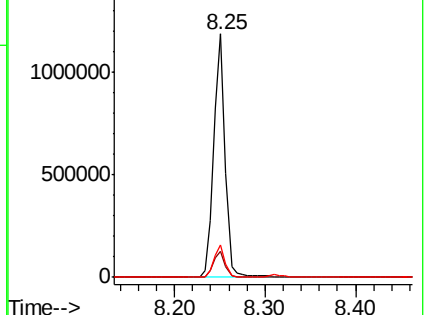
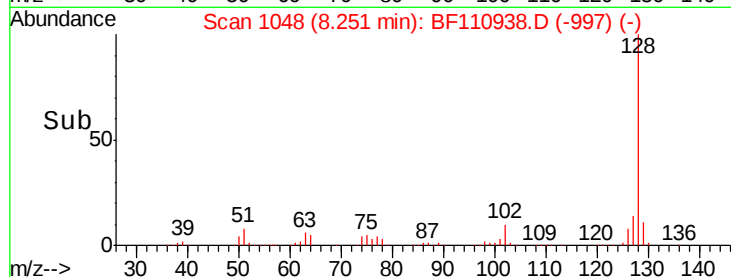
127 13.6 10.8 16.2



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: 2.934 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

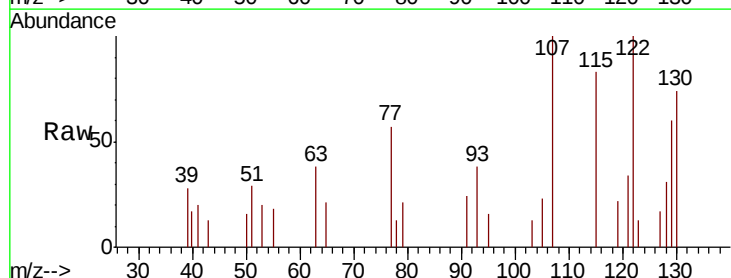
Tgt Ion:122 Resp: 5716

Ion Ratio Lower Upper

122 100

105 23.5 109.0 149.0#

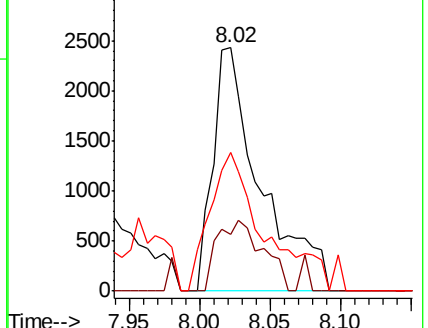
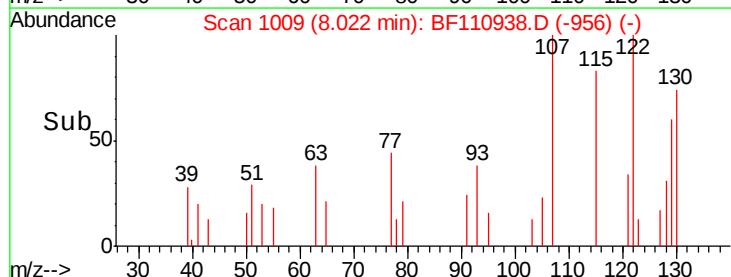
77 56.9 79.0 119.0#

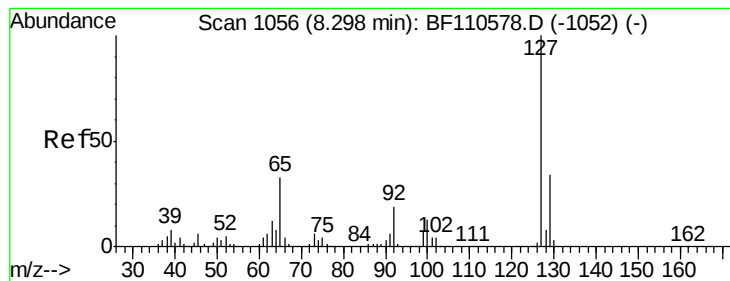


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 4.620 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

Tgt Ion:127 Resp: 20011

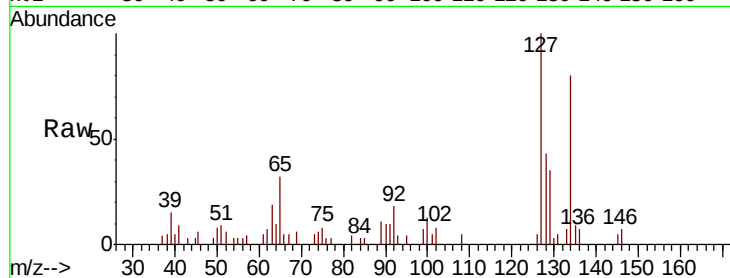
Ion Ratio Lower Upper

127 100

129 35.2 26.0 39.0

65 32.3 25.1 37.7

92 18.5 15.0 22.6

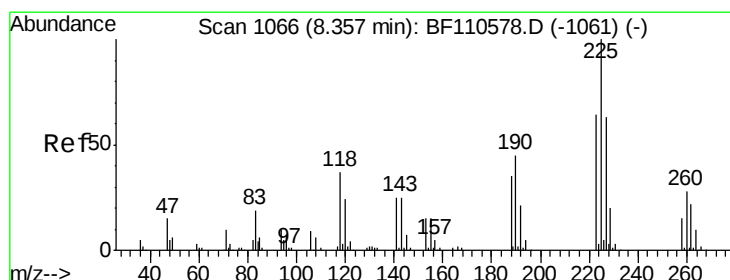
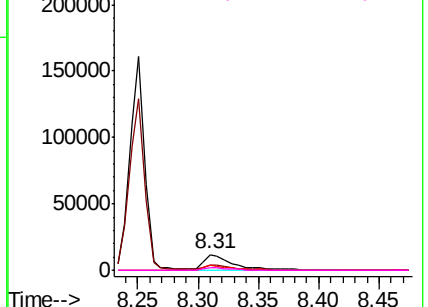
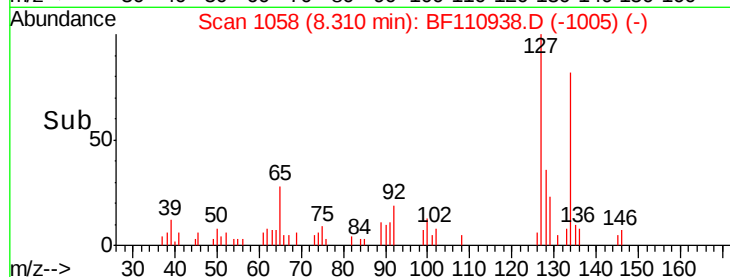


Abundance Ion 127.00 (126.70 to 127.70): E

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: 9.085 ng

RT: 8.35 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

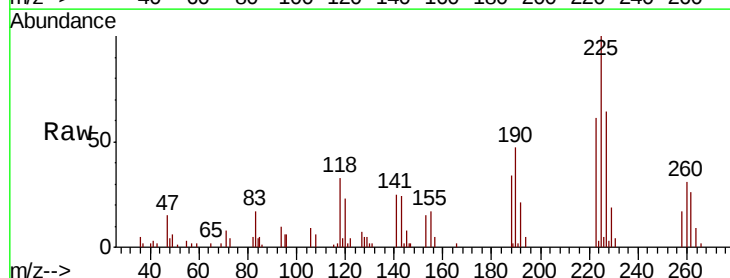
Tgt Ion:225 Resp: 16576

Ion Ratio Lower Upper

225 100

223 61.1 51.4 77.2

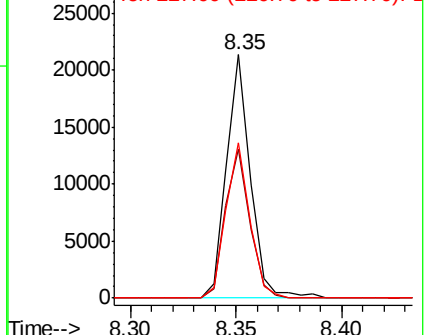
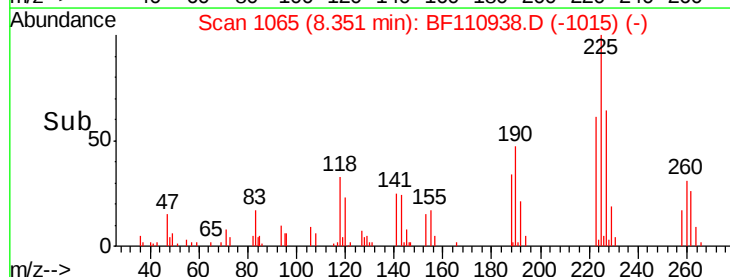
227 63.9 51.0 76.6

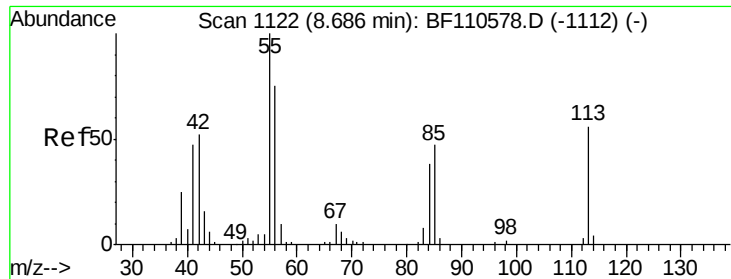


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

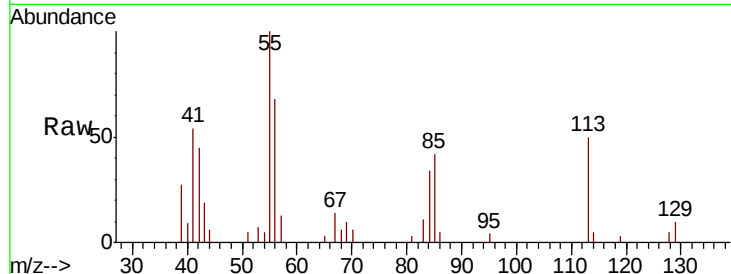




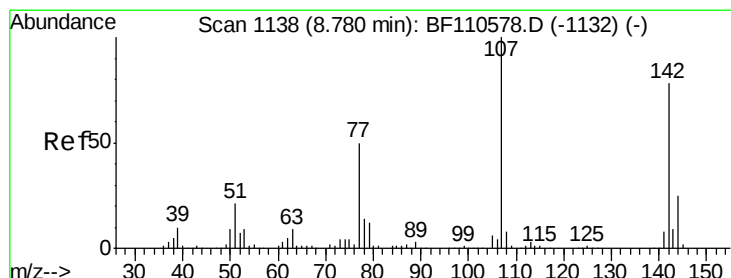
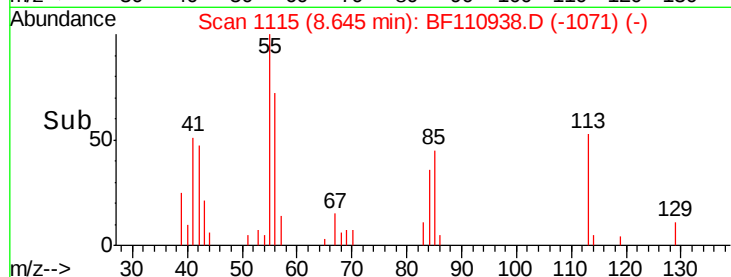
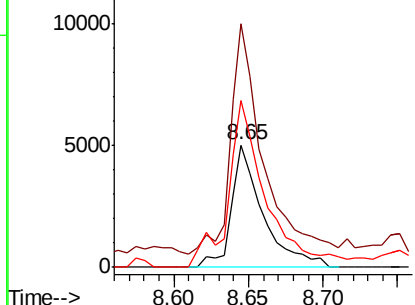
#35
 Caprolactam
 Concen: 7.859 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.04 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:113 Resp: 7439
 Ion Ratio Lower Upper
 113 100
 55 199.4 142.8 182.8#
 56 136.1 105.0 145.0

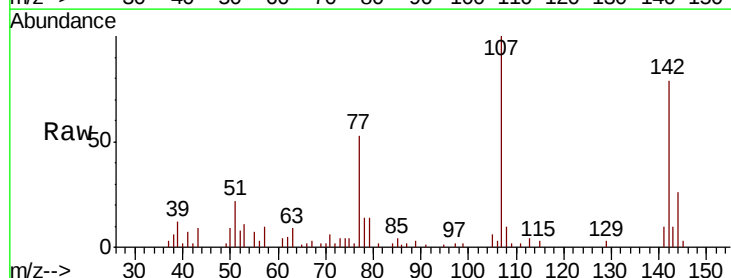


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

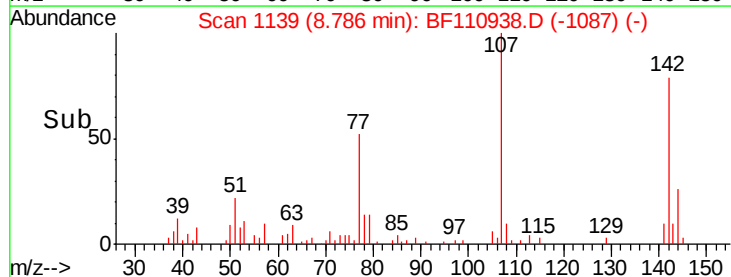
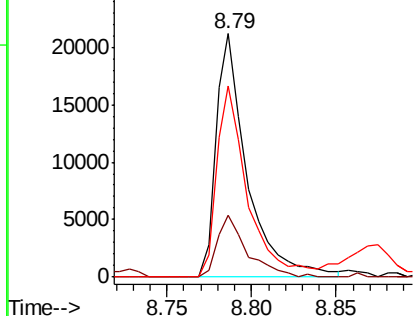


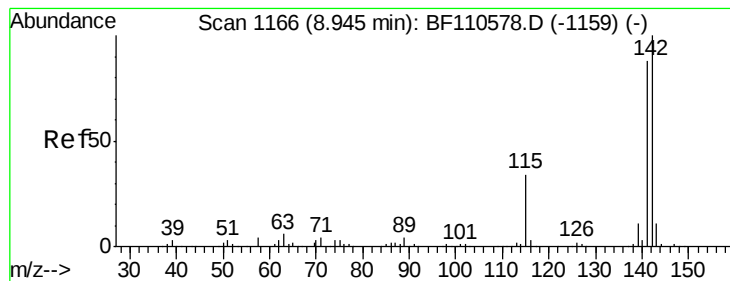
#36
 4-Chloro-3-methylphenol
 Concen: 8.855 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:107 Resp: 27057
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 78.6 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.558 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

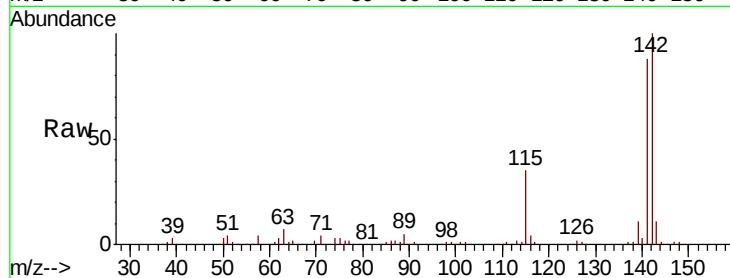
Tgt Ion:142 Resp: 229189

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

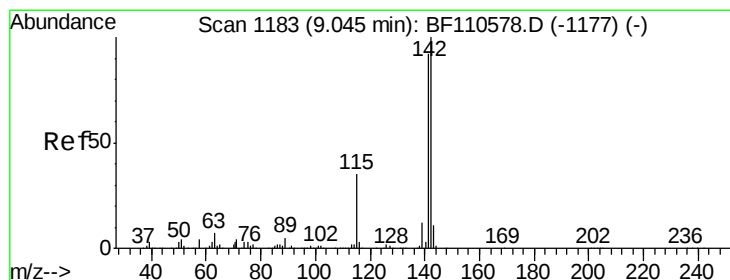
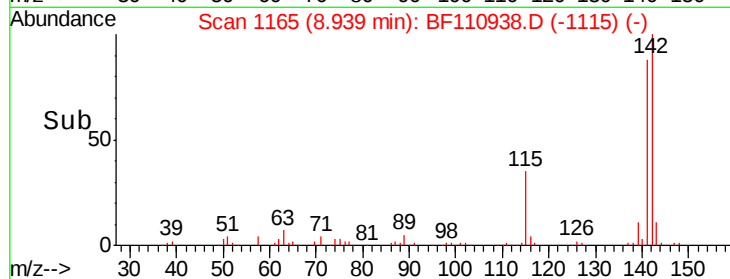
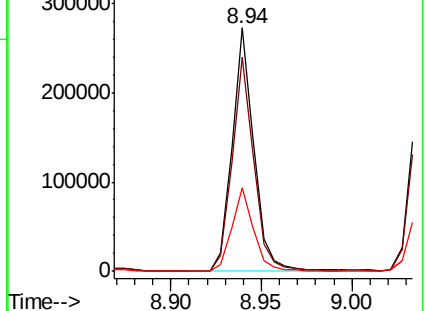
115 34.5 28.7 43.1



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

1-Methylnaphthalene

Concen: 34.754 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

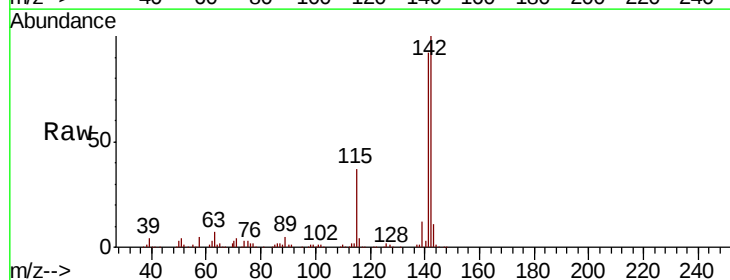
Tgt Ion:142 Resp: 209533

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

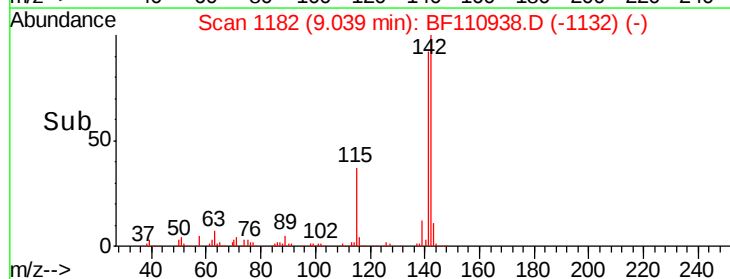
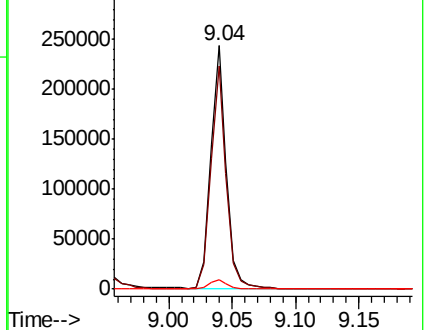
116 3.8 2.6 4.0

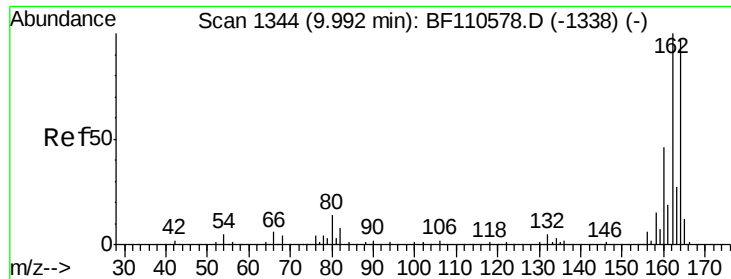


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

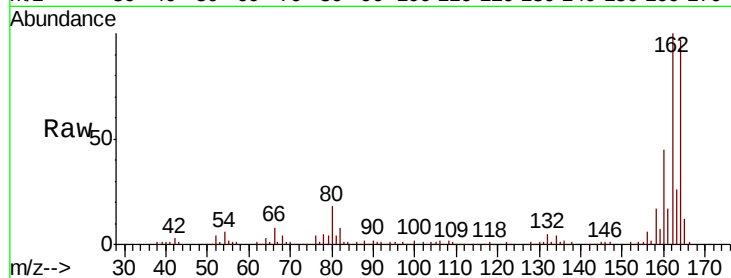
Tgt Ion:164 Resp: 81621

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.6

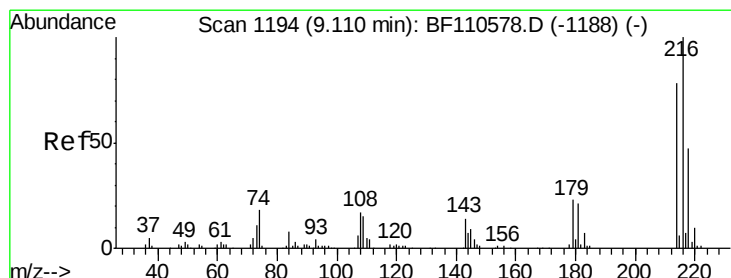
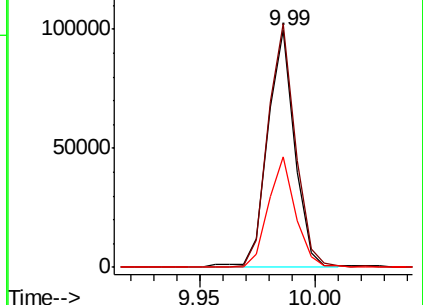
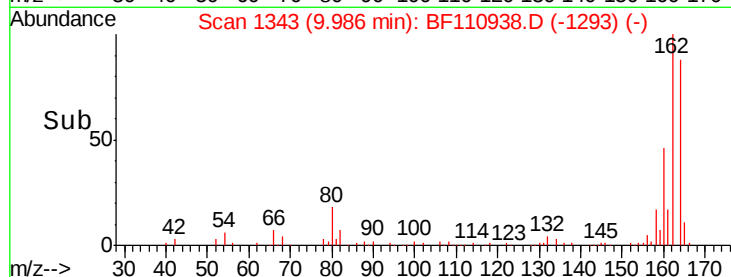
160 46.6 37.0 55.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.669 ng

RT: 9.11 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:216 Resp: 24982

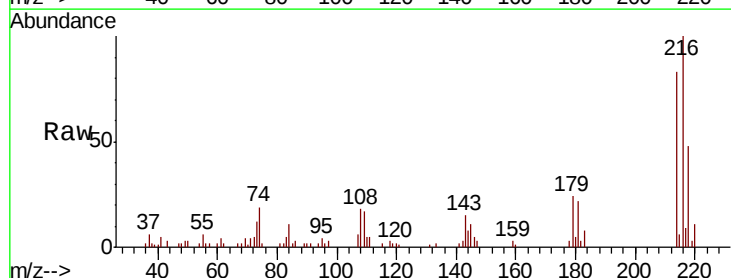
Ion Ratio Lower Upper

216 100

214 80.0 63.8 95.6

179 22.4 16.6 25.0

108 19.9 15.1 22.7

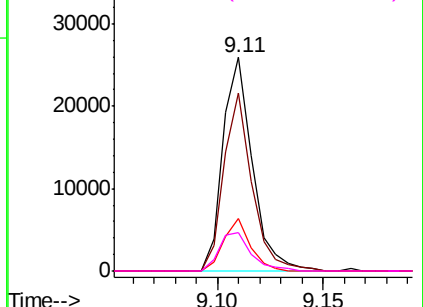
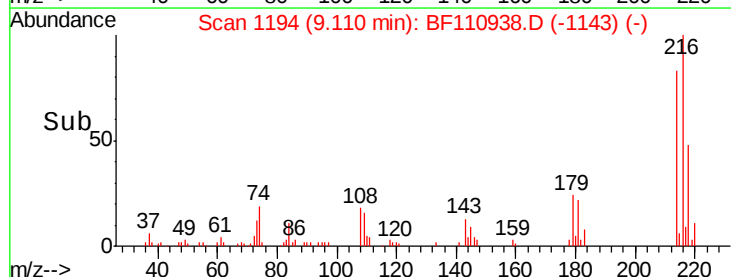


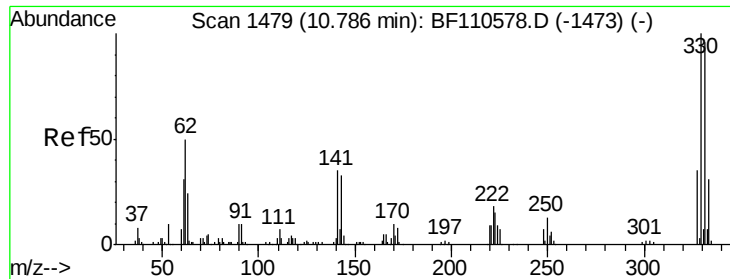
Abundance Ion 216.00 (215.70 to 216.70): E

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

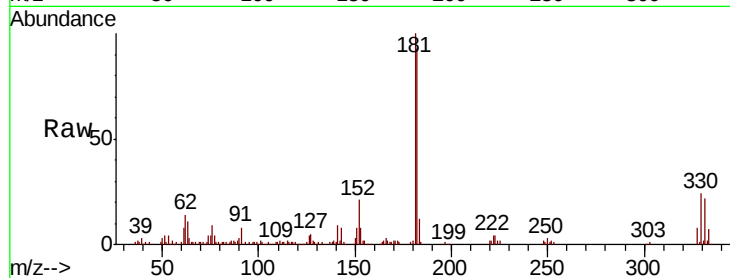




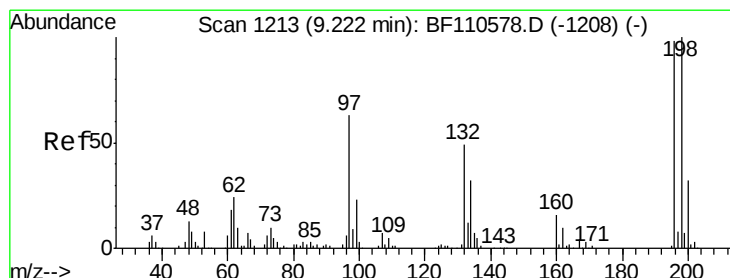
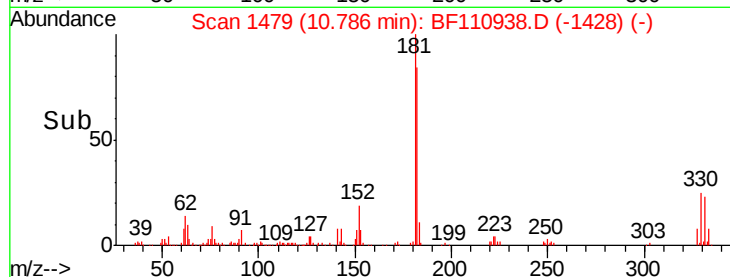
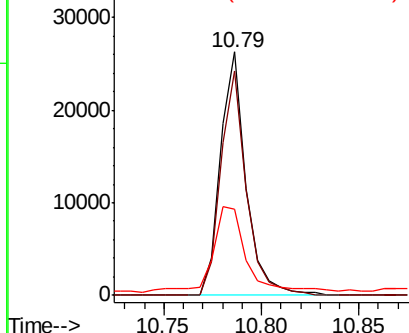
#42
 2,4,6-Tribromophenol
 Concen: 29.078 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:330 Resp: 23915
 Ion Ratio Lower Upper
 330 100
 332 92.0 77.1 115.7
 141 46.9 27.0 40.4#

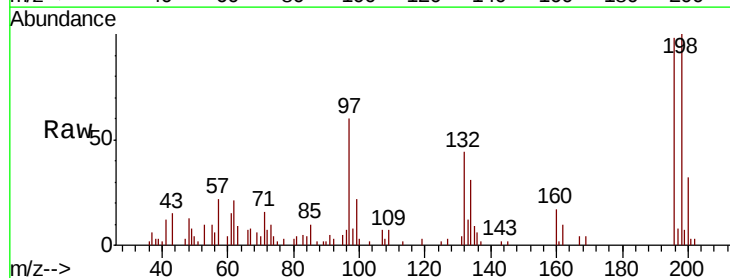


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

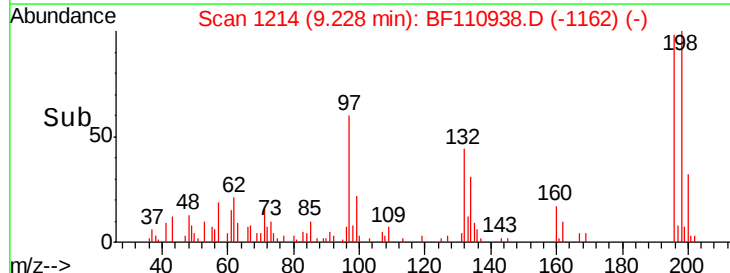
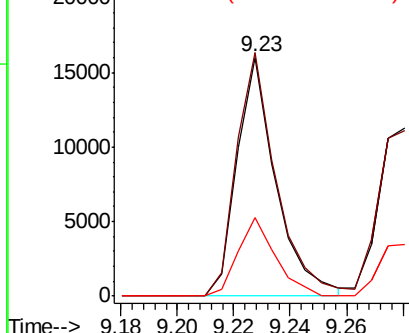


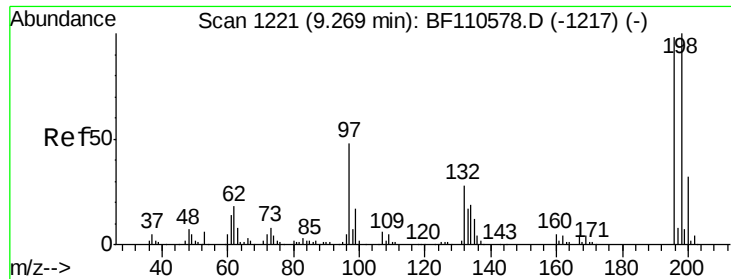
#43
 2,4,6-Trichlorophenol
 Concen: 9.491 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:196 Resp: 15409
 Ion Ratio Lower Upper
 196 100
 198 102.0 76.2 114.4
 200 33.0 24.4 36.6



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

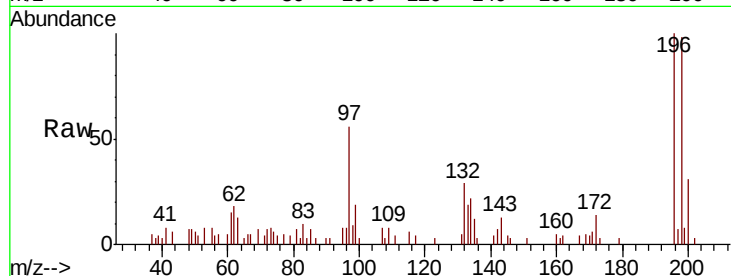




#44
 2,4,5-Trichlorophenol
 Concen: 9.352 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.8	113.6
97	55.6	42.4	63.6
132	29.2	22.8	34.2



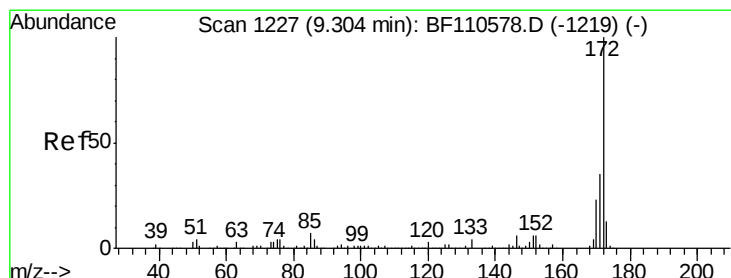
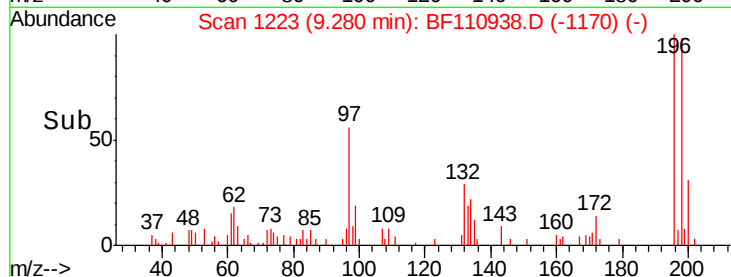
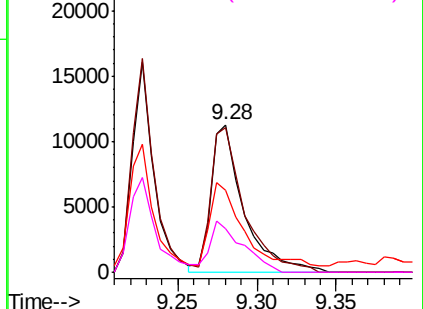
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

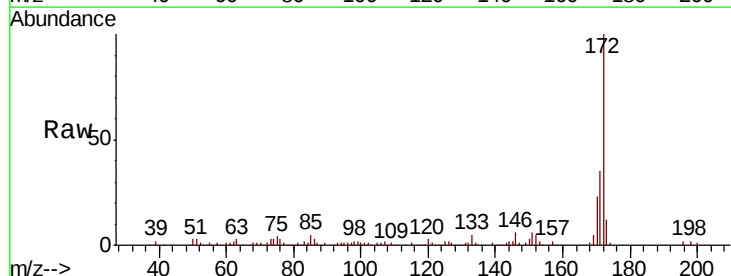
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 22.353 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.3	19.7	29.5

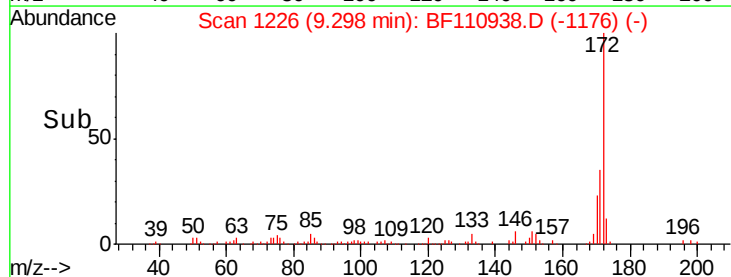
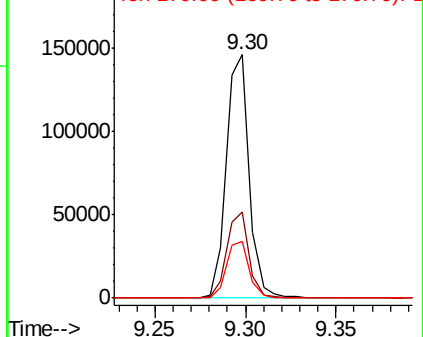


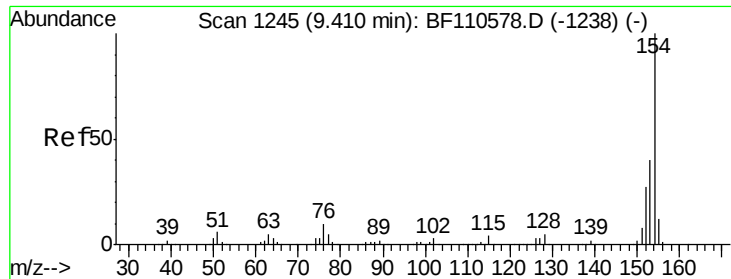
Abundance

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

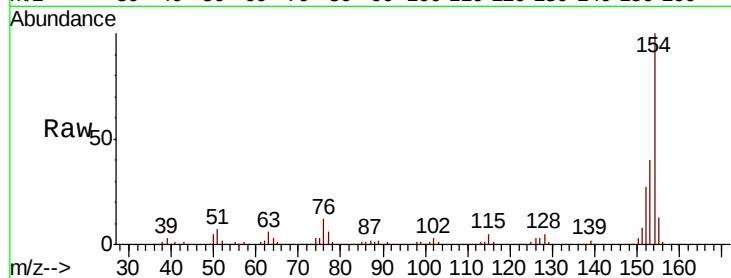




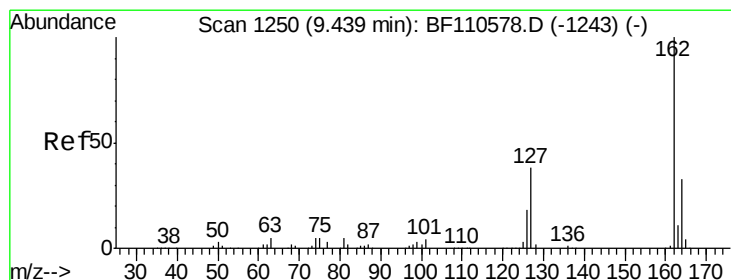
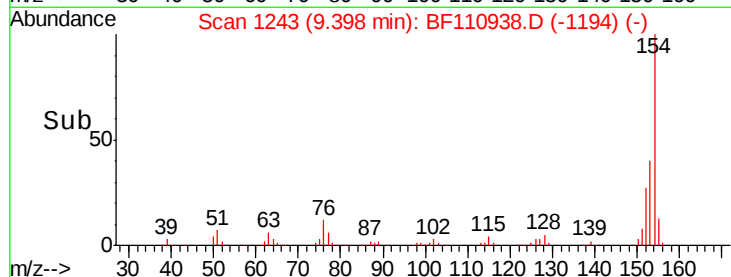
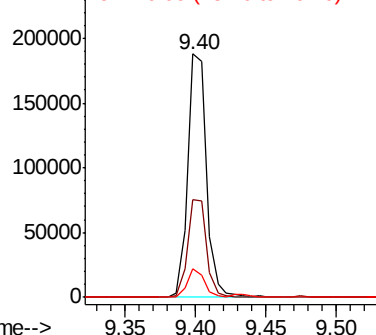
#46
 1,1'-Biphenyl
 Concen: 22.851 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:154 Resp: 173992
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.4 60.4
 76 11.6 0.0 31.9

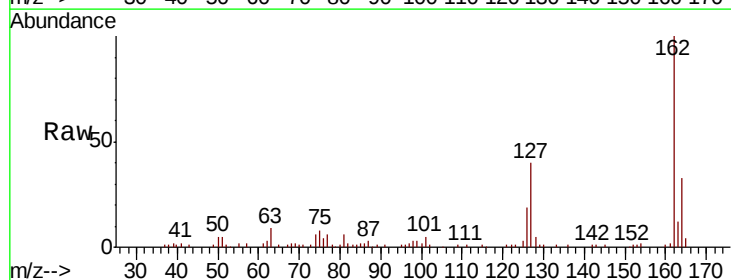


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

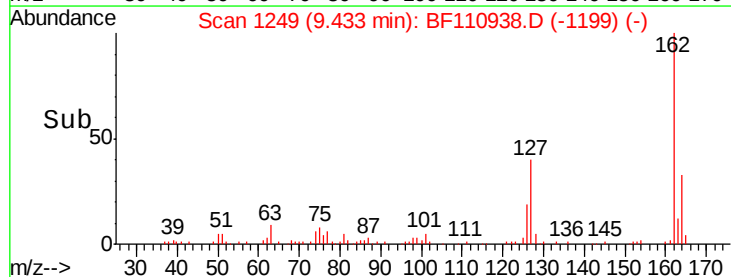
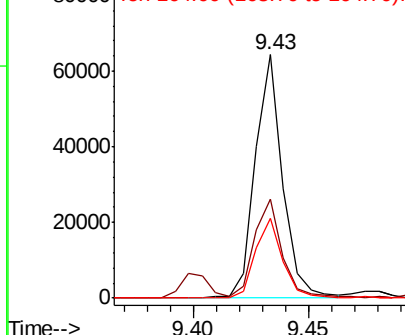


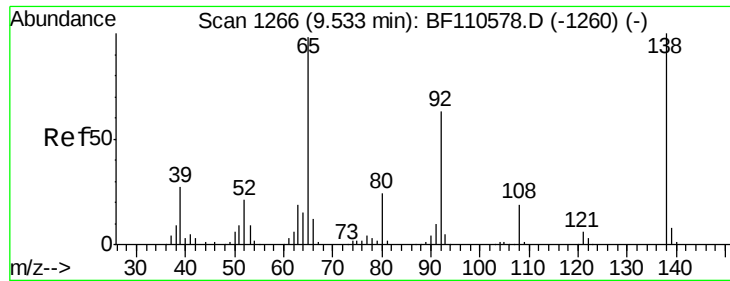
#47
 2-Chloronaphthalene
 Concen: 9.694 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:162 Resp: 53176
 Ion Ratio Lower Upper
 162 100
 127 40.5 32.6 48.8
 164 32.9 25.9 38.9



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

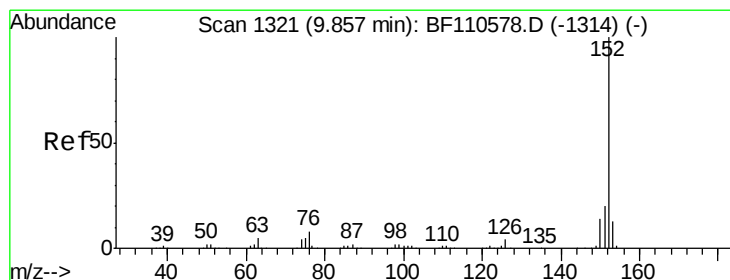
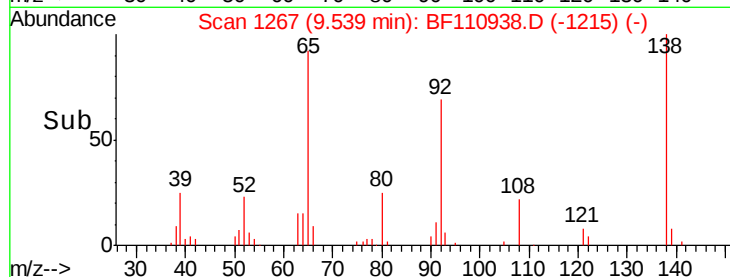
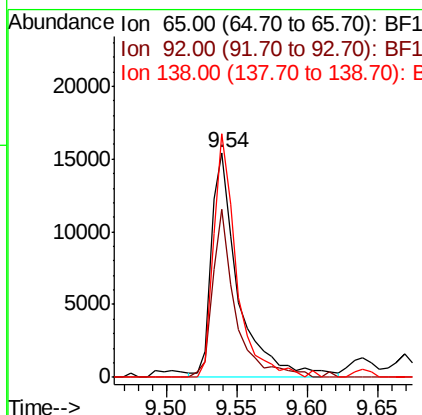
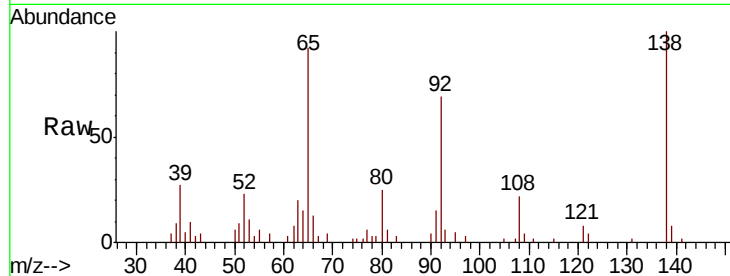




#48
 2-Nitroaniline
 Concen: 12.120 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

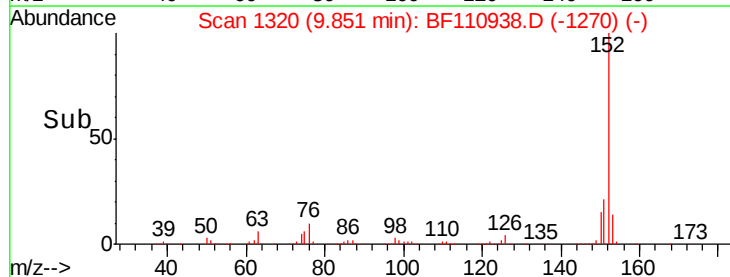
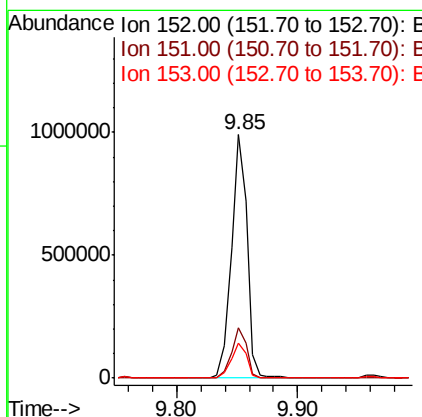
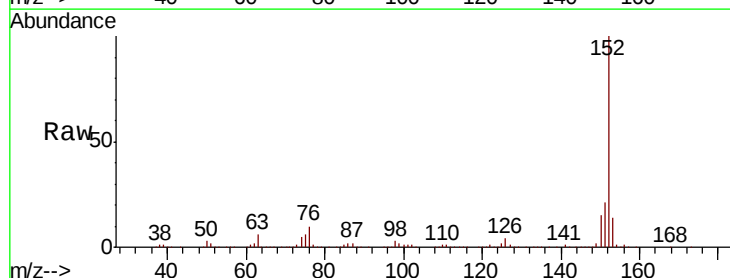
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

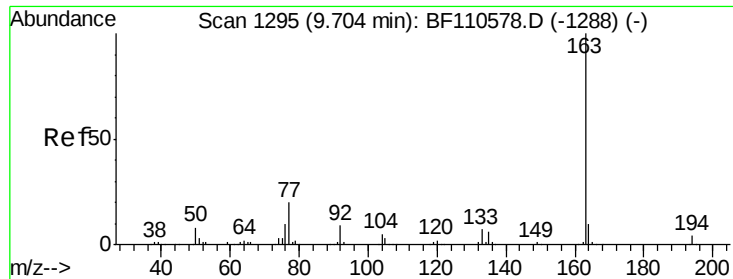
Tgt Ion: 65 Resp: 20487
 Ion Ratio Lower Upper
 65 100
 92 75.0 54.6 81.8
 138 108.5 80.3 120.5



#49
 Acenaphthylene
 Concen: 113.312 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion: 152 Resp: 895141
 Ion Ratio Lower Upper
 152 100
 151 20.8 15.8 23.8
 153 14.3 10.4 15.6

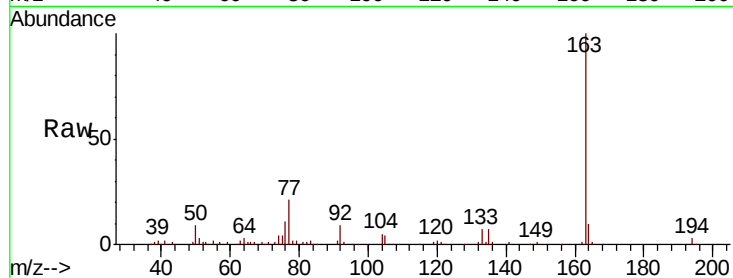




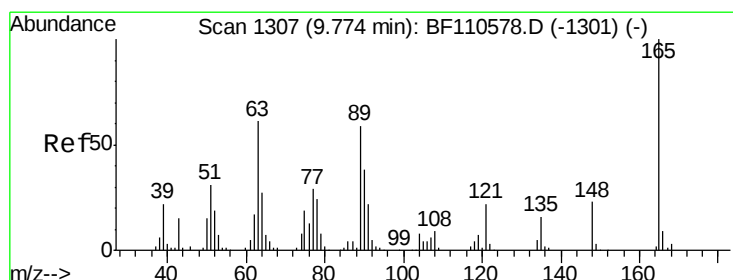
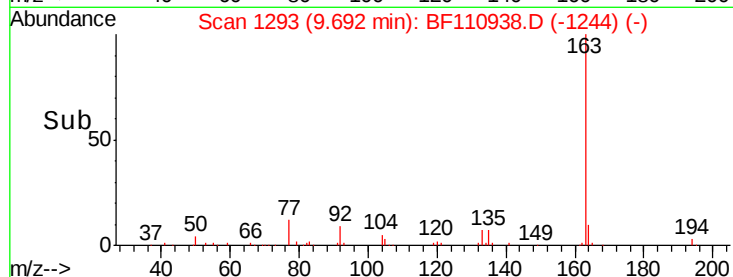
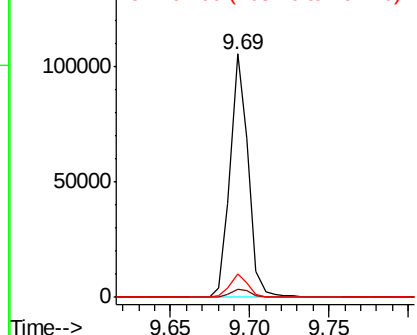
#50
Dimethylphthalate
Concen: 13.748 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tgt Ion:163 Resp: 83729
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8#
164 9.8 8.1 12.1

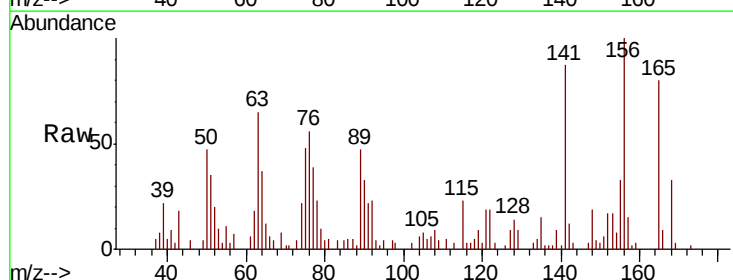


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

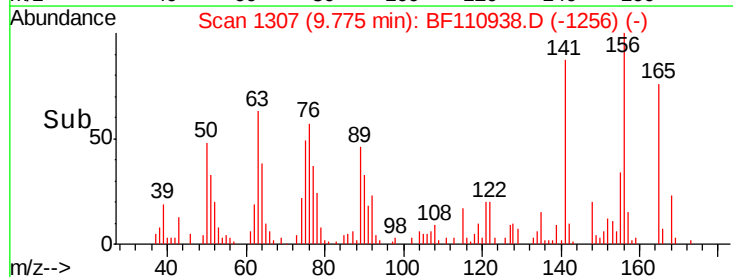
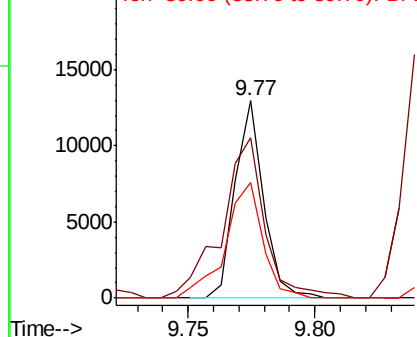


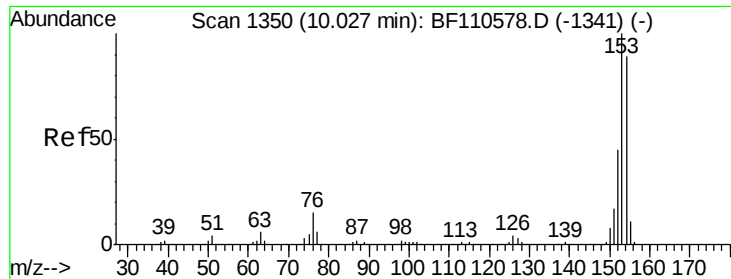
#51
2,6-Dinitrotoluene
Concen: 7.535 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:165 Resp: 10095
Ion Ratio Lower Upper
165 100
63 81.4 48.9 73.3#
89 58.8 46.6 69.8



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





#52

Acenaphthene

Concen: 47.969 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

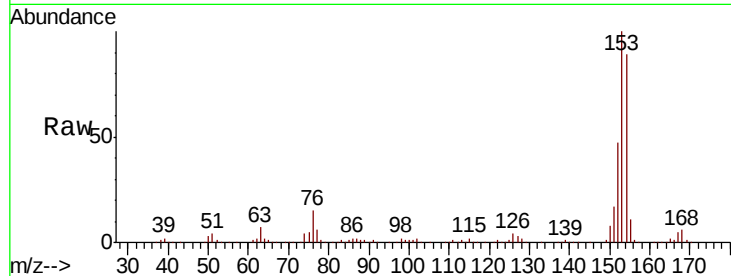
Tgt Ion:154 Resp: 239479

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

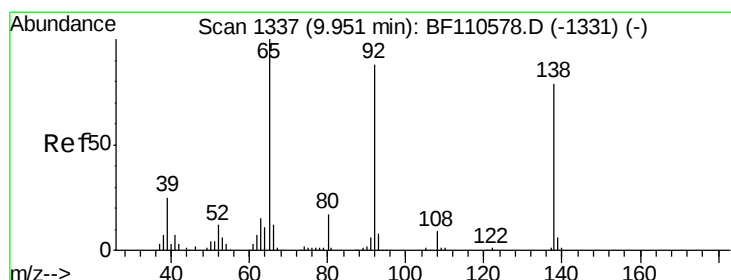
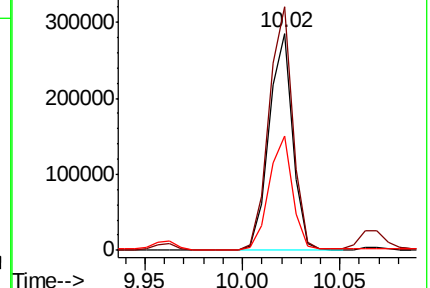
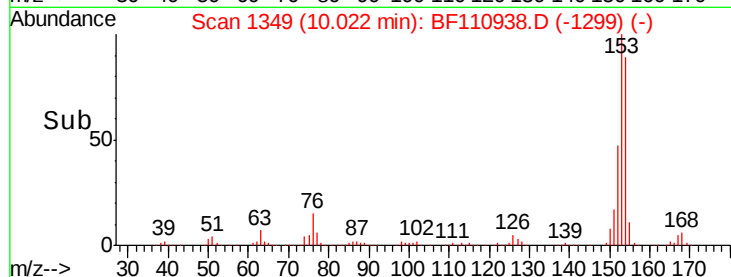
152 52.8 43.4 65.2



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



#53

3-Nitroaniline

Concen: 7.558 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

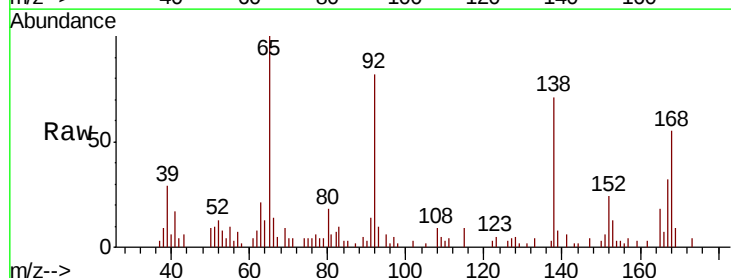
Tgt Ion:138 Resp: 11732

Ion Ratio Lower Upper

138 100

108 13.1 8.7 13.1#

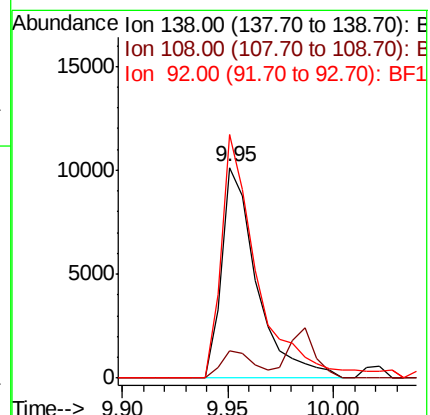
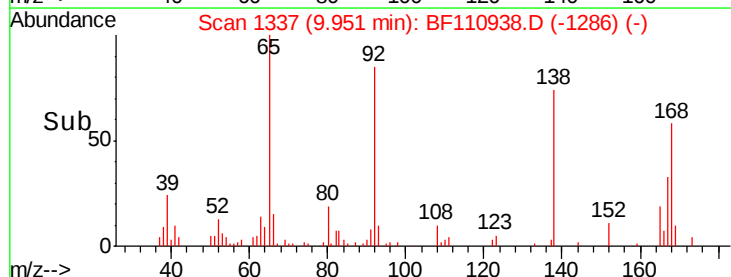
92 115.5 97.0 145.4

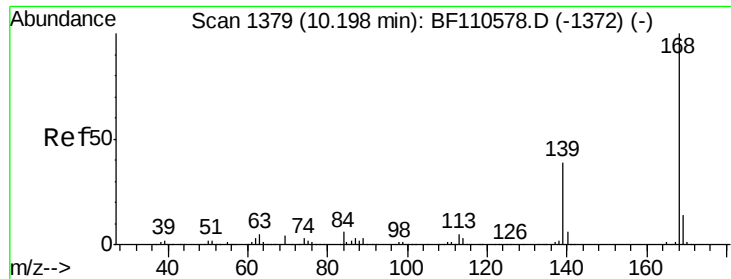


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

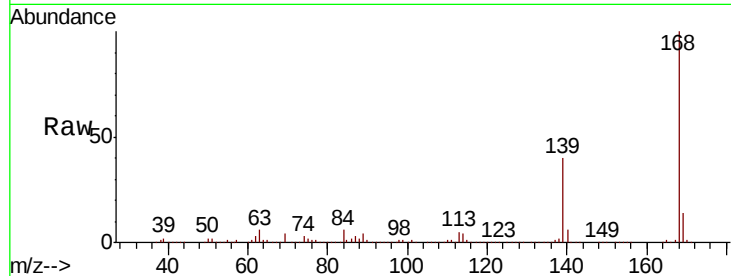




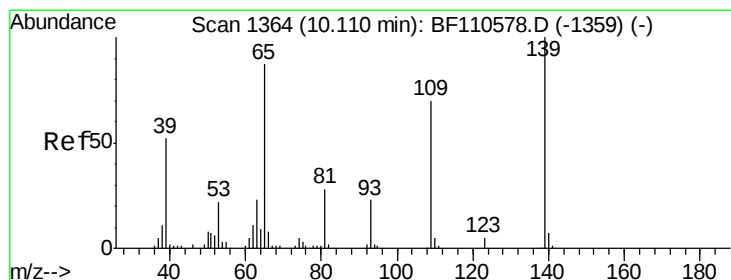
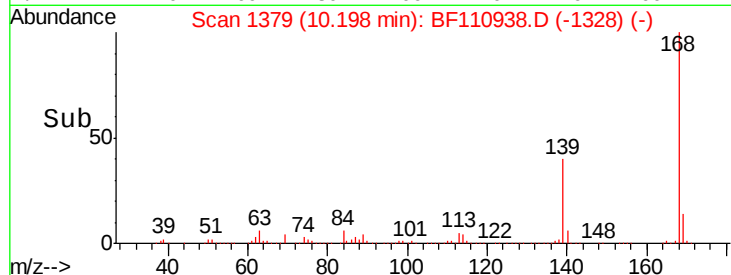
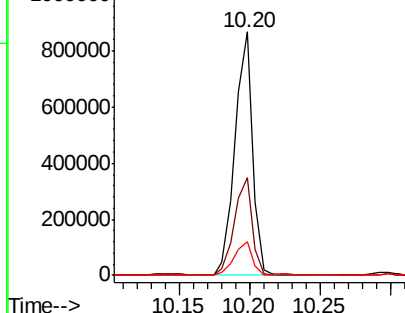
#55
Dibenzenofuran
Concen: 103.133 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tgt Ion:168 Resp: 753307
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.6
169 13.6 11.3 16.9

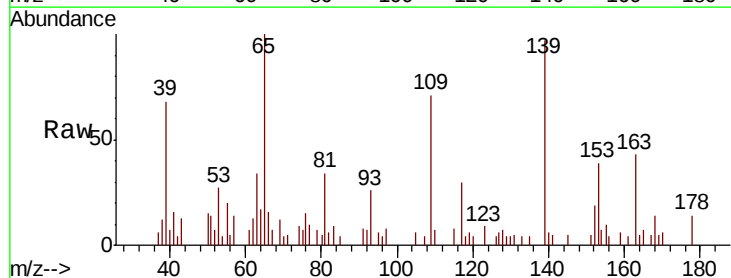


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

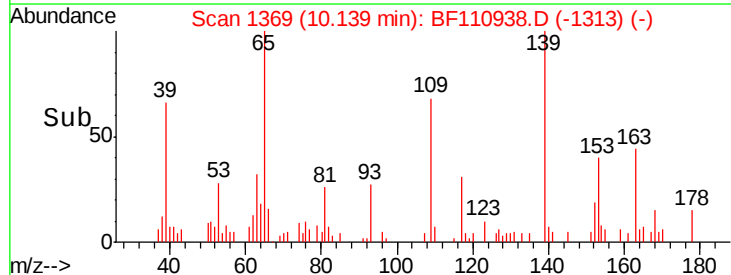
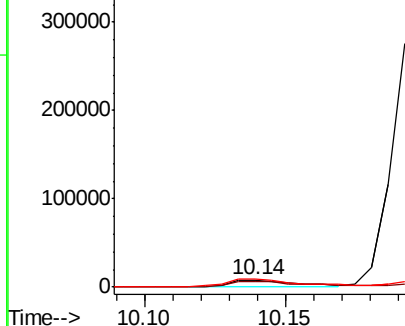


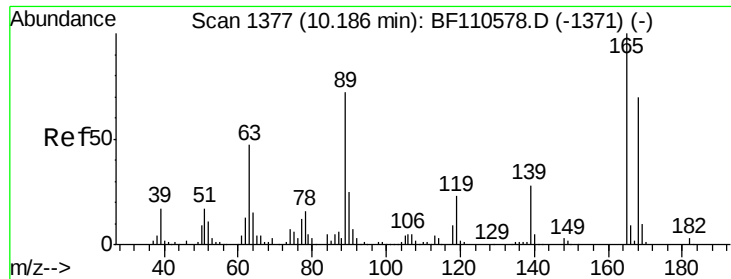
#56
4-Nitrophenol
Concen: 13.375 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:139 Resp: 13773
Ion Ratio Lower Upper
139 100
109 73.2 55.8 95.8
65 103.4 77.9 117.9



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

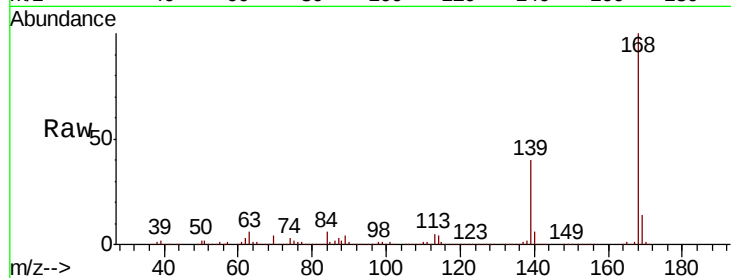




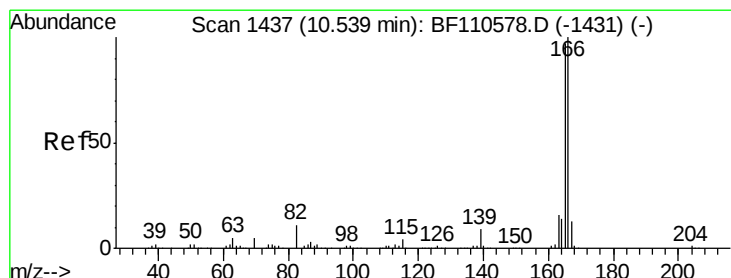
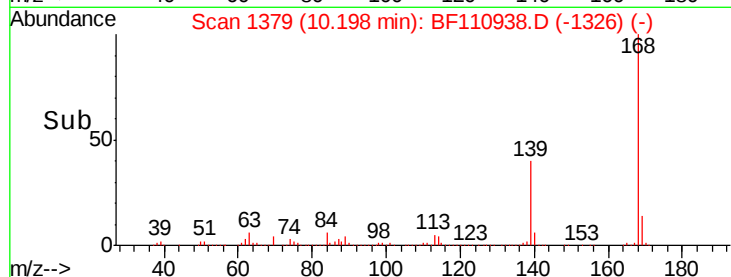
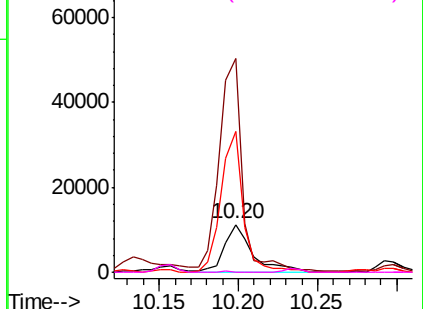
#57
2,4-Dinitrotoluene
Concen: 8.015 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tgt Ion:165 Resp: 13962
Ion Ratio Lower Upper
165 100
63 447.3 44.8 67.2#
89 295.5 62.2 93.4#
182 0.0 2.1 3.1#

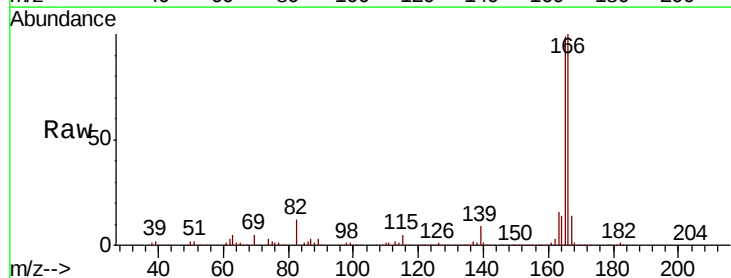


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

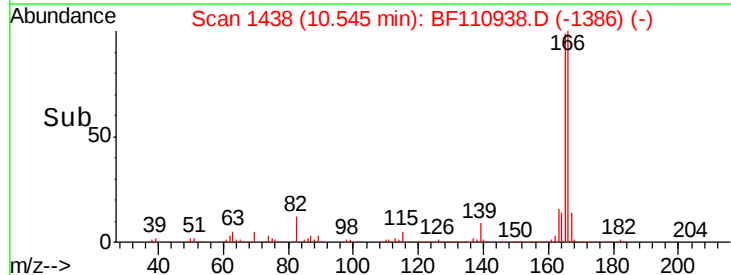
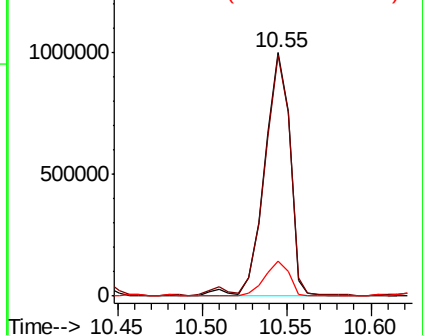


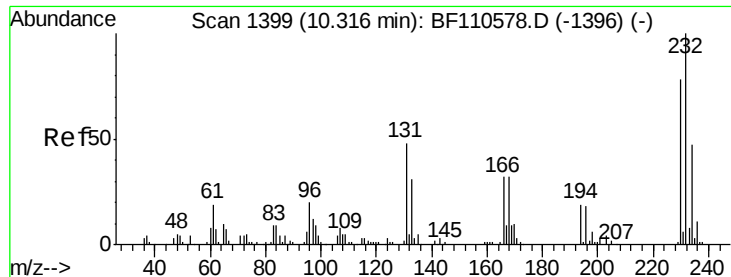
#58
Fluorene
Concen: 185.726 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:166 Resp: 1041992
Ion Ratio Lower Upper
166 100
165 99.2 78.6 117.8
167 14.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

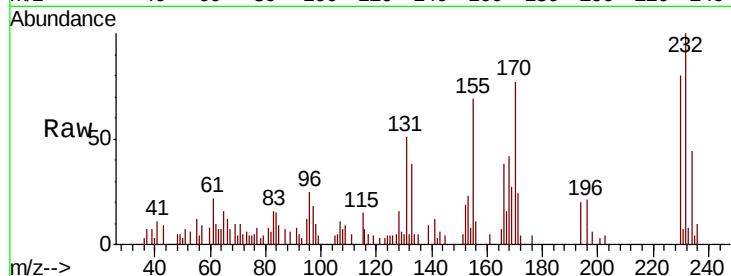




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.089 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	37.0	55.4
130	3.9	1.8	2.6
166	0.0	22.0	33.0



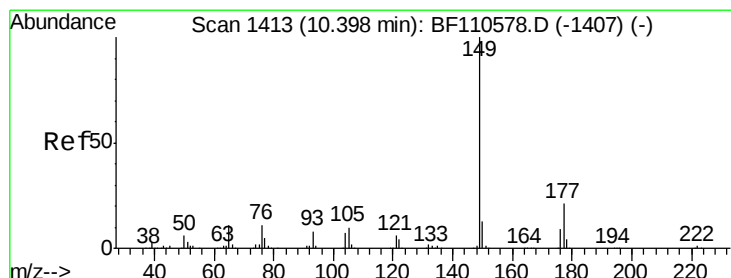
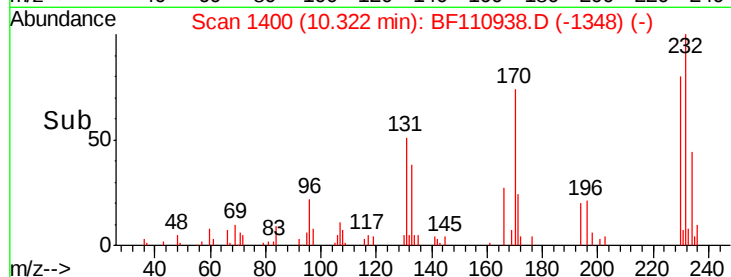
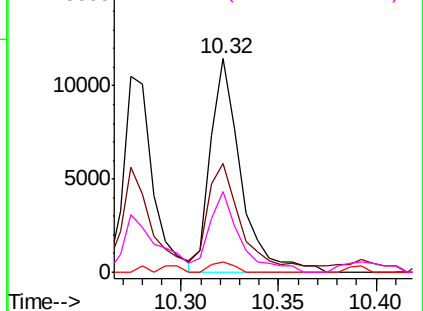
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

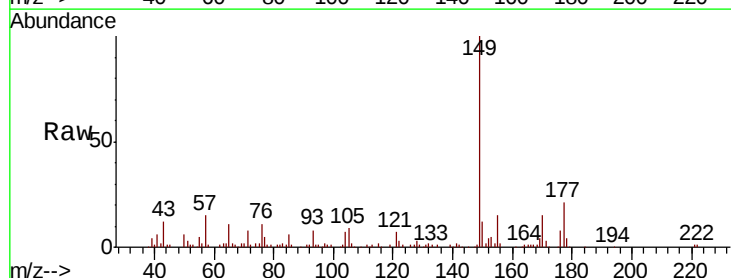
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 11.014 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.4	26.2
150	12.0	9.8	14.8

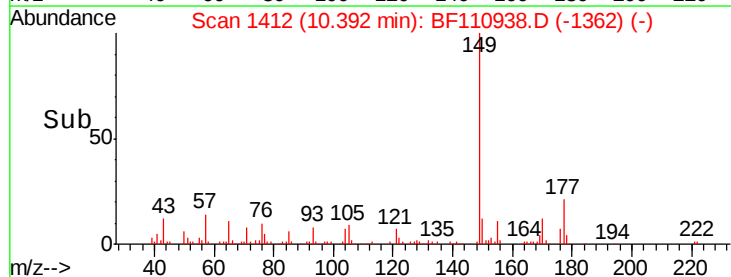
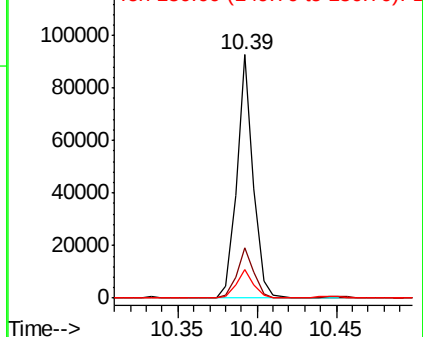


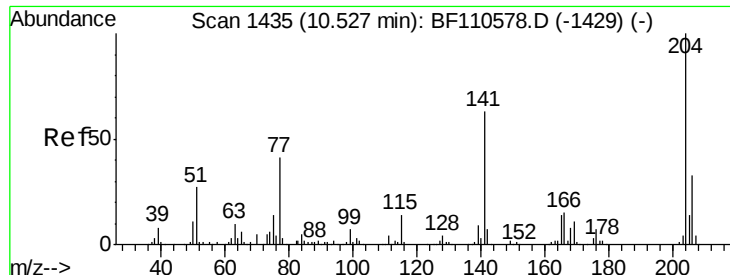
Abundance

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

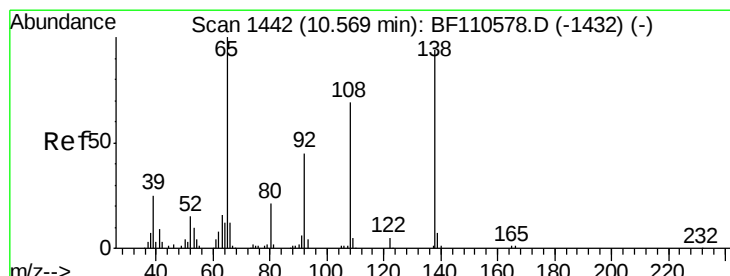
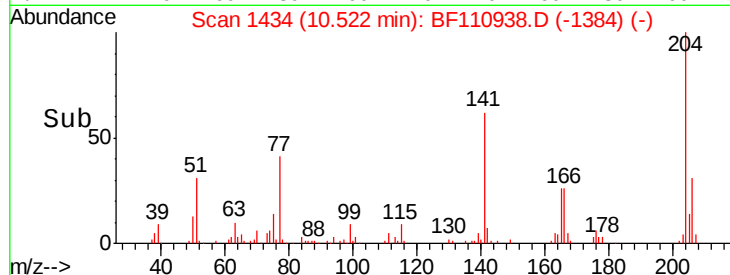
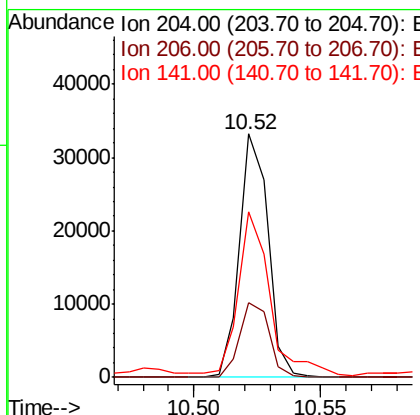
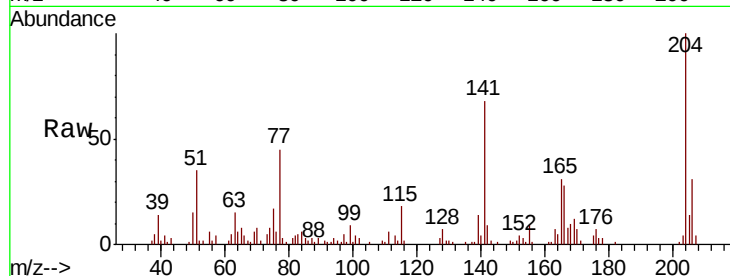




#61
 4-Chlorophenyl-phenylether
 Concen: 8.979 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

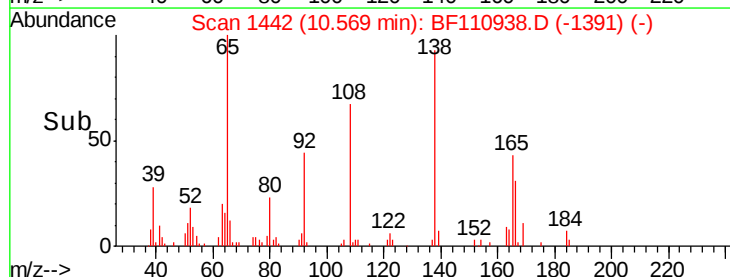
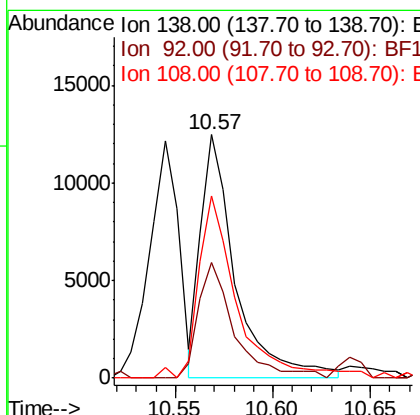
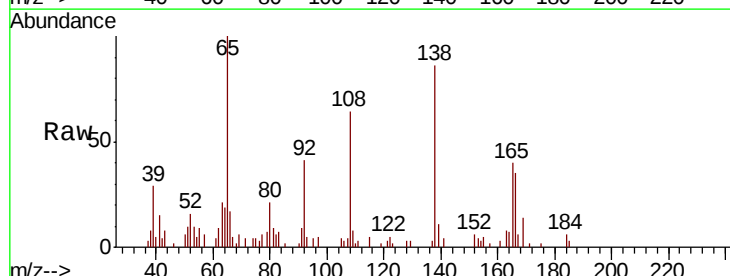
Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

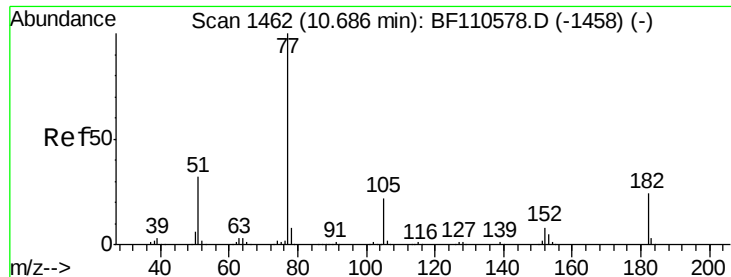
Tgt Ion: 204 Resp: 26082
 Ion Ratio Lower Upper
 204 100
 206 30.8 26.5 39.7
 141 67.8 51.8 77.8



#62
 4-Nitroaniline
 Concen: 9.989 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion: 138 Resp: 15613
 Ion Ratio Lower Upper
 138 100
 92 47.6 31.7 71.7
 108 74.8 59.3 99.3

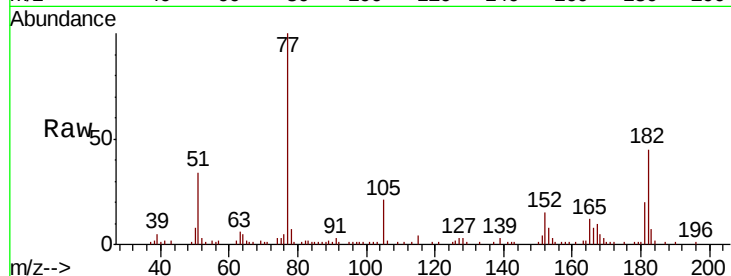




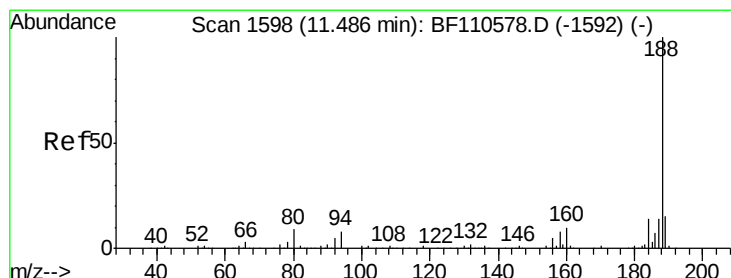
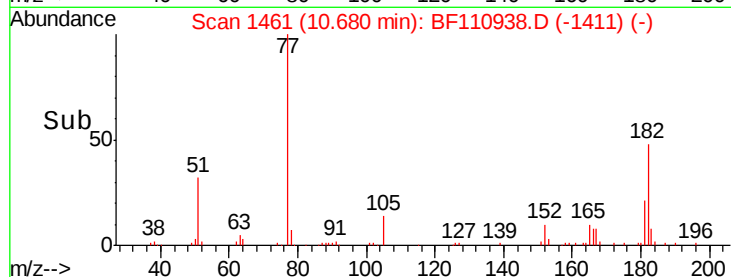
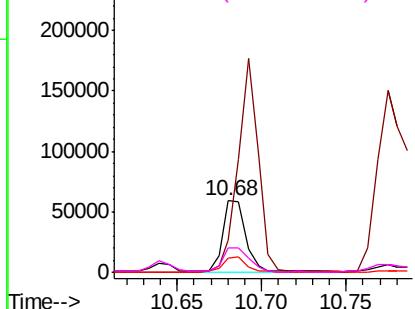
#63
Azobenzene
Concen: 9.356 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tgt Ion: 77 Resp: 54997
Ion Ratio Lower Upper
77 100
182 45.3 4.3 44.3#
105 20.6 1.3 41.3
51 33.7 9.0 49.0

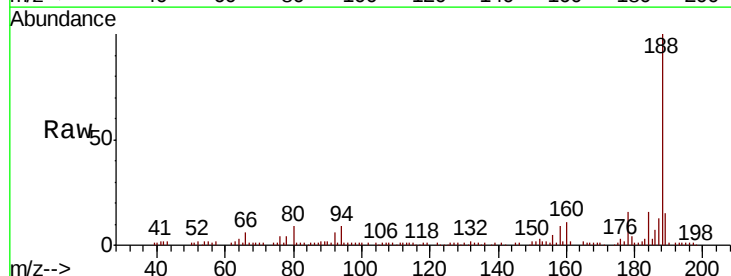


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

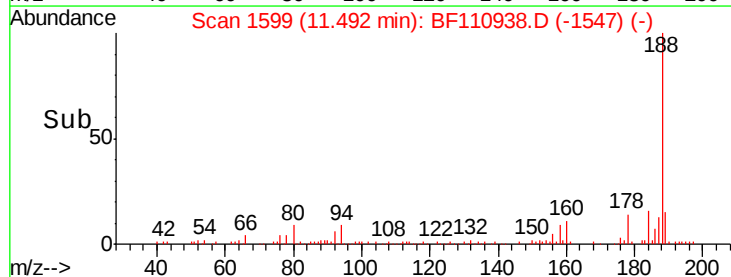
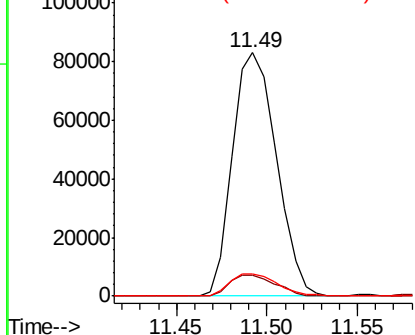


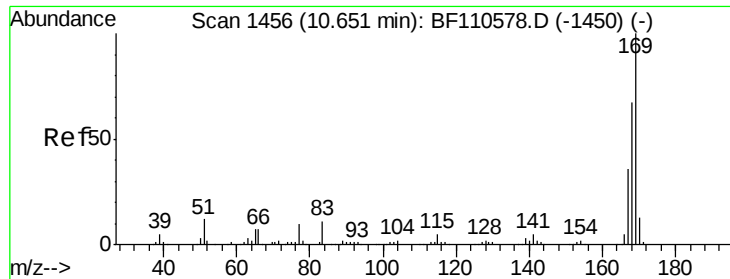
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion: 188 Resp: 140156
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.0 7.9 11.9



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

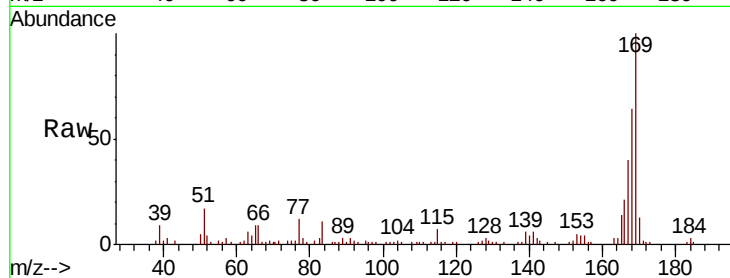




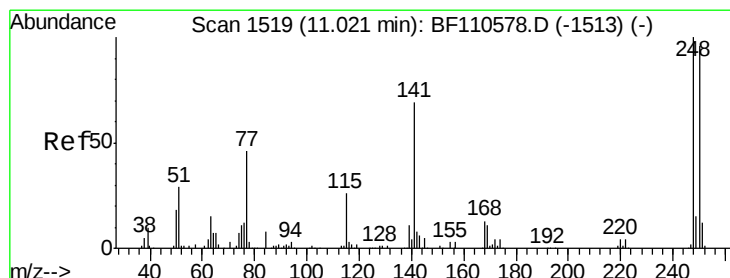
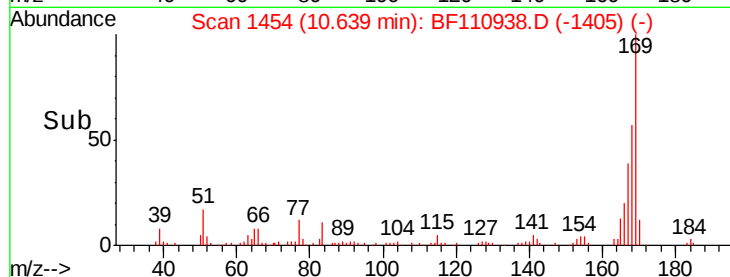
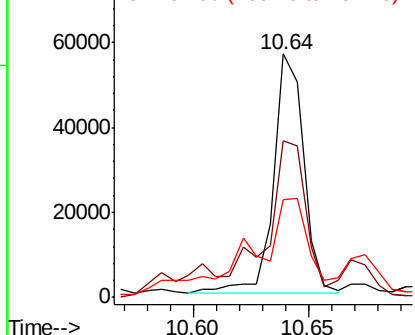
#66
 n-Nitrosodiphenylamine
 Concen: 10.855 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:169 Resp: 51282
 Ion Ratio Lower Upper
 169 100
 168 64.4 51.2 76.8
 167 40.1 27.8 41.6

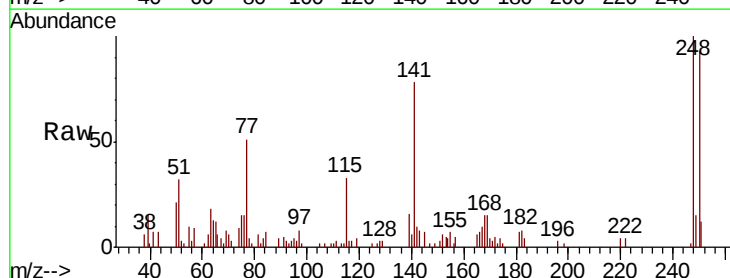


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

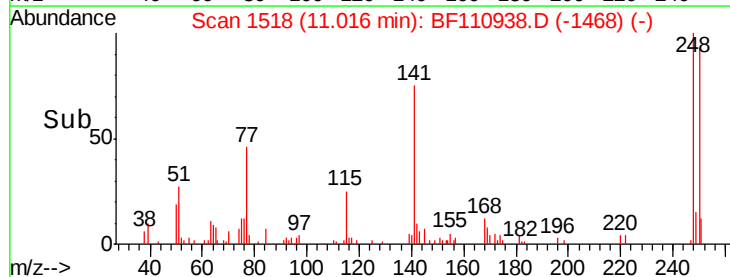
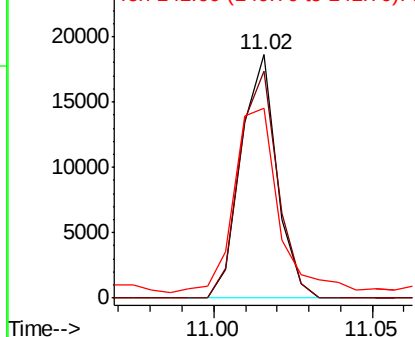


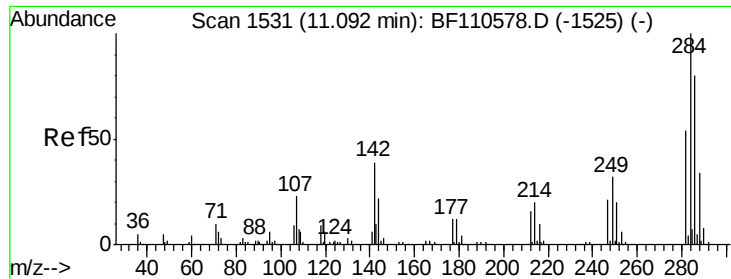
#67
 4-Bromophenyl-phenylether
 Concen: 9.419 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:248 Resp: 14590
 Ion Ratio Lower Upper
 248 100
 250 93.0 79.4 119.2
 141 77.9 55.9 83.9



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





#68

Hexachlorobenzene

Concen: 9.274 ng

RT: 11.10 min Scan# 1532

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

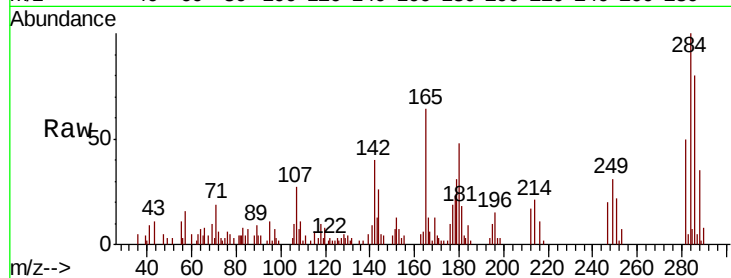
Tgt Ion:284 Resp: 15146

Ion Ratio Lower Upper

284 100

142 40.5 23.9 35.9#

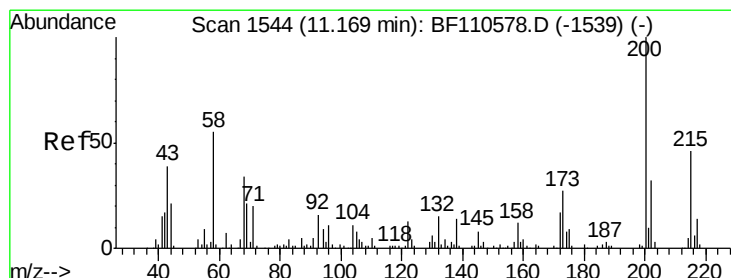
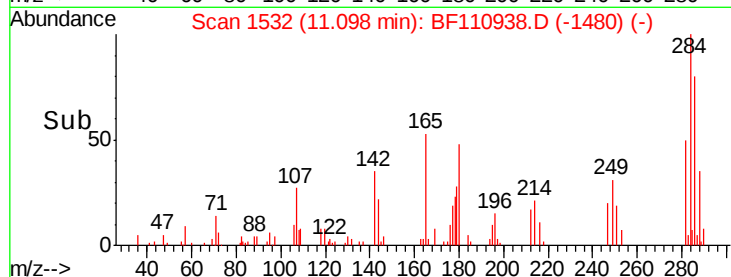
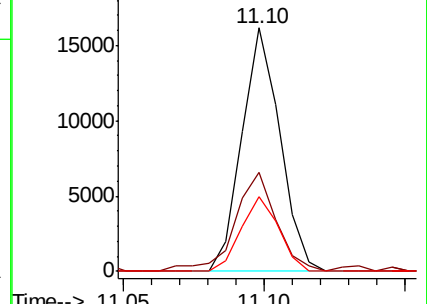
249 30.8 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 10.506 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

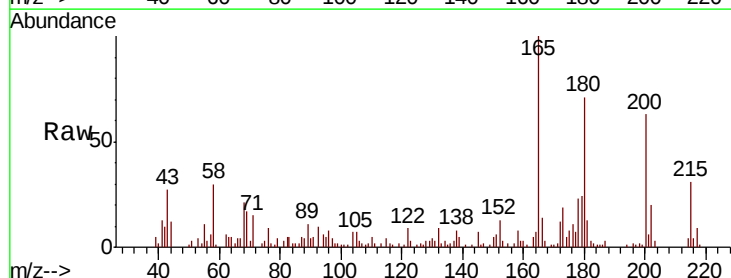
Tgt Ion:200 Resp: 15175

Ion Ratio Lower Upper

200 100

173 30.6 6.6 46.6

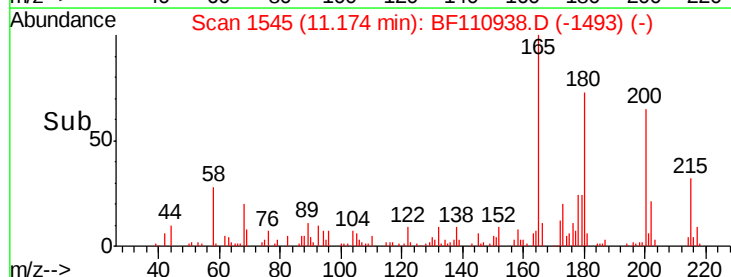
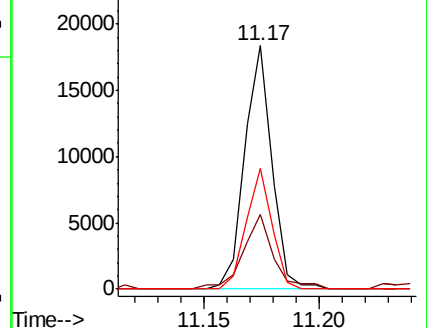
215 49.6 26.3 66.3

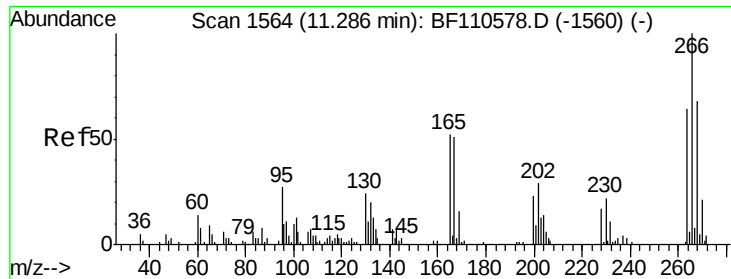


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

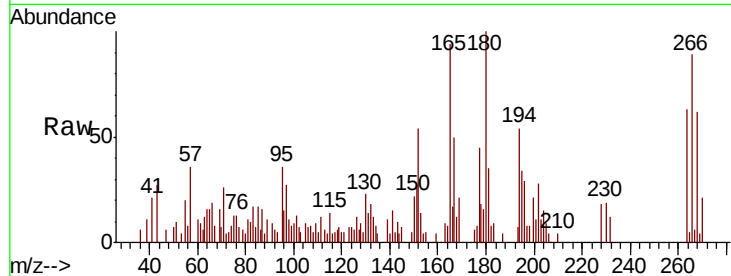




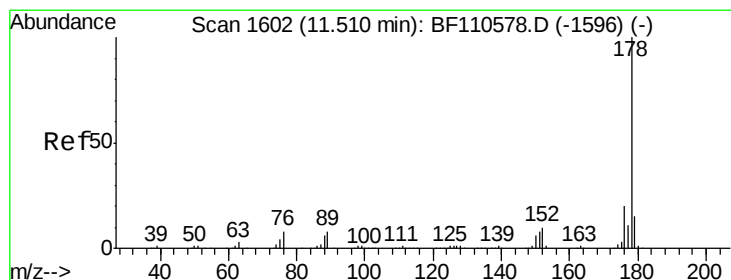
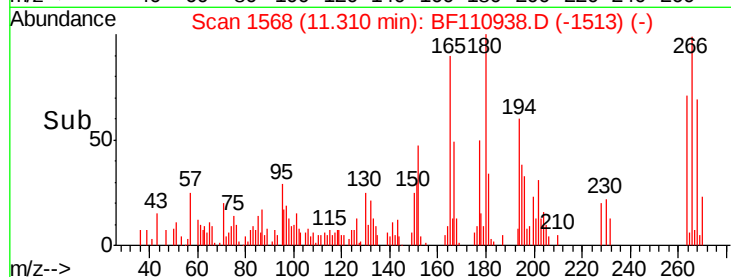
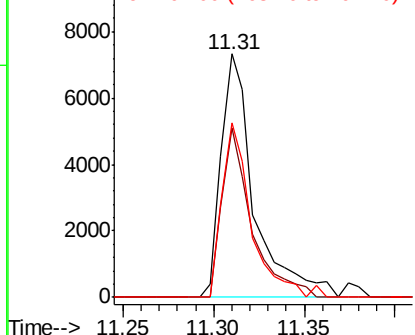
#70
 Pentachlorophenol
 Concen: 10.754 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:266 Resp: 9371
 Ion Ratio Lower Upper
 266 100
 268 69.6 50.6 75.8
 264 77.5 50.6 75.8#

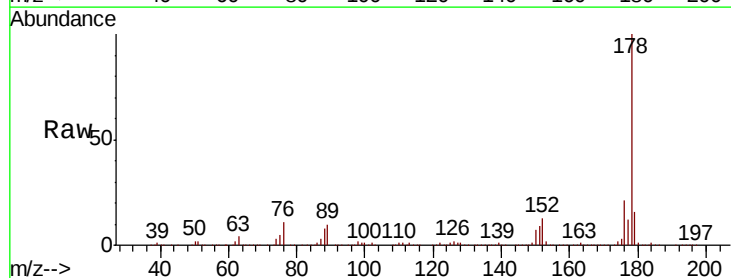


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

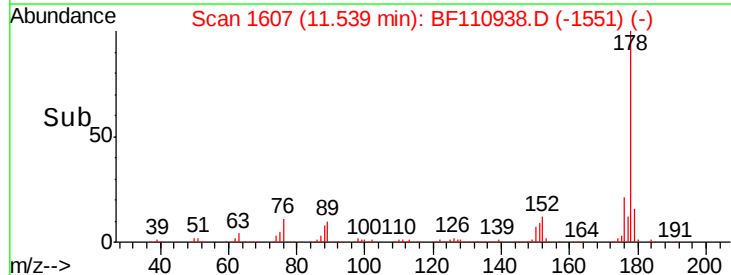
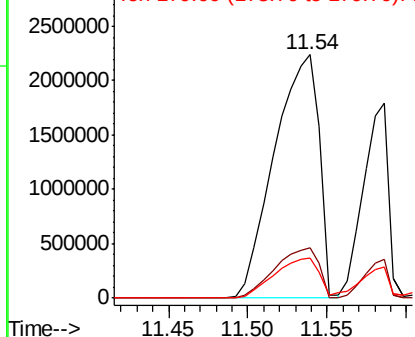


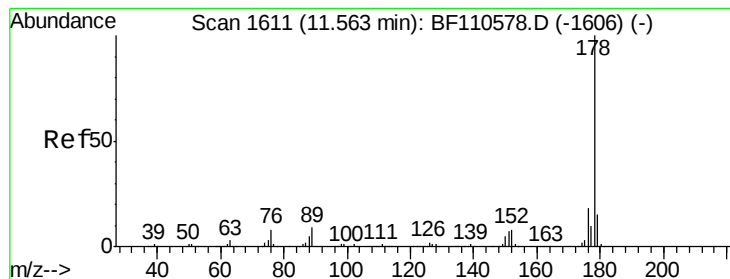
#71
 Phenanthrene
 Concen: 582.197 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.03 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:178 Resp: 4371623
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.5 23.3
 179 16.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 262.659 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.02 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

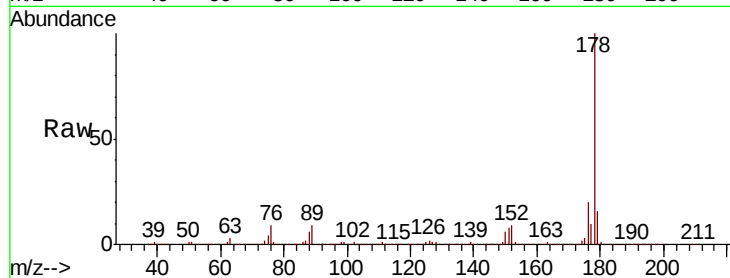
Tgt Ion:178 Resp: 1989532

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

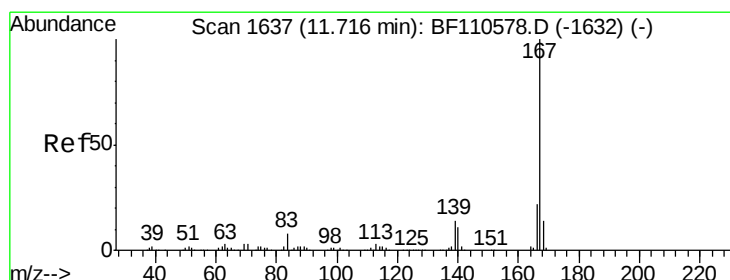
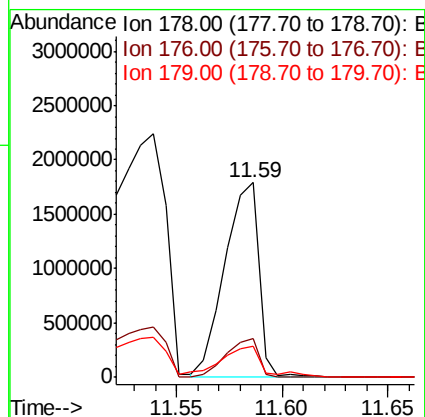
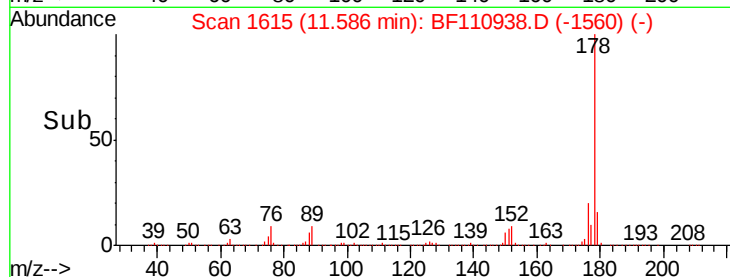
179 16.2 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 66.246 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

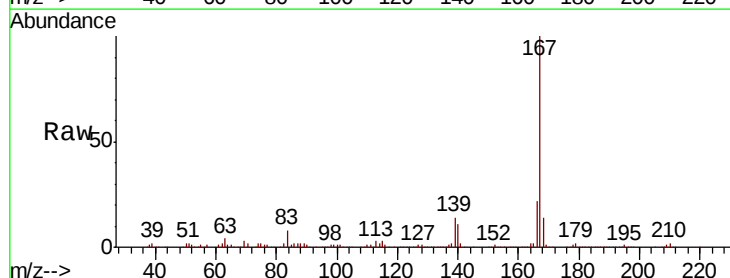
Tgt Ion:167 Resp: 481897

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

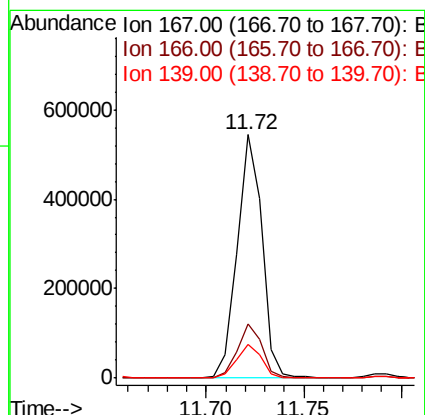
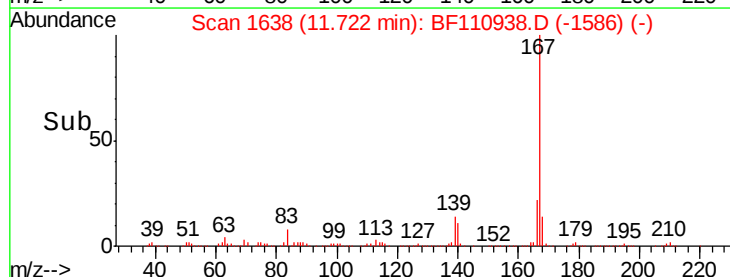
139 14.1 10.9 16.3

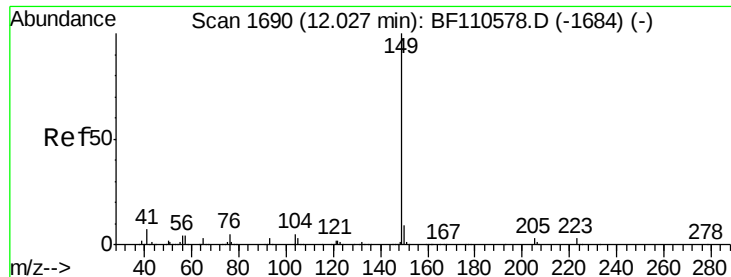


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 10.455 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

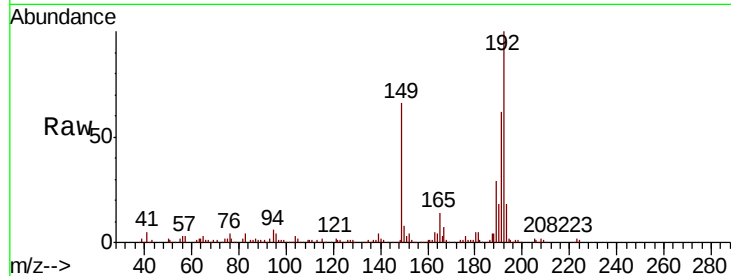
Tgt Ion:149 Resp: 89183

Ion Ratio Lower Upper

149 100

150 12.3 7.7 11.5#

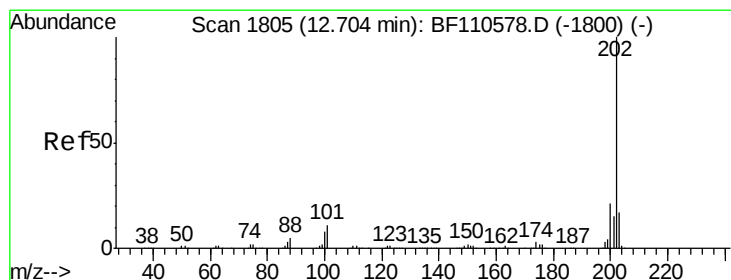
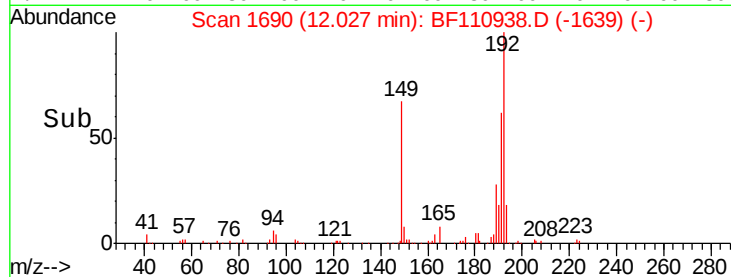
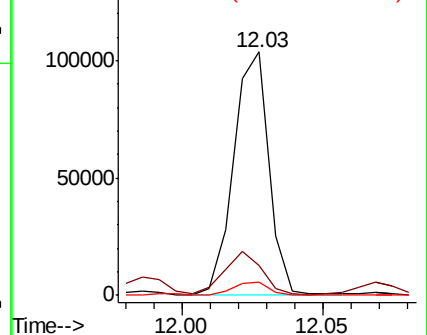
104 5.2 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 618.217 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.04 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

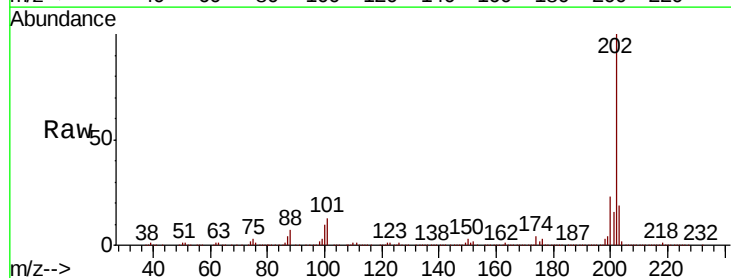
Tgt Ion:202 Resp: 4654009

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.4

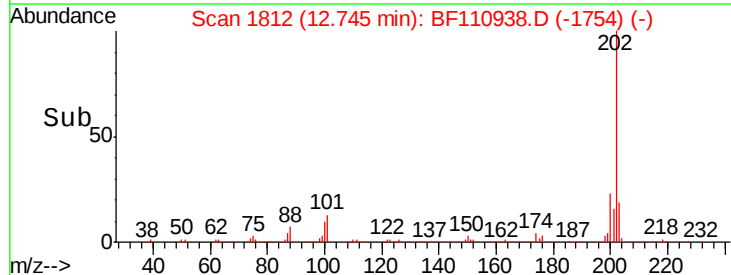
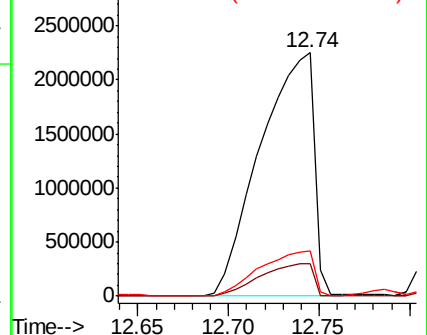
203 18.6 0.0 37.7

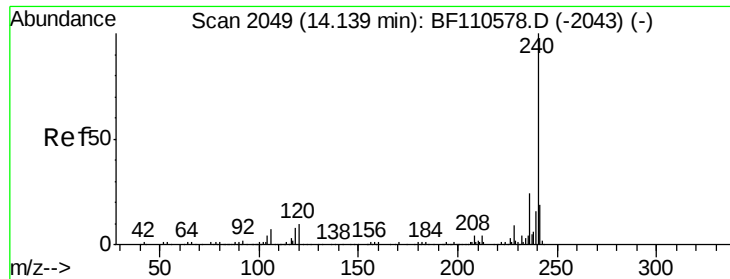


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

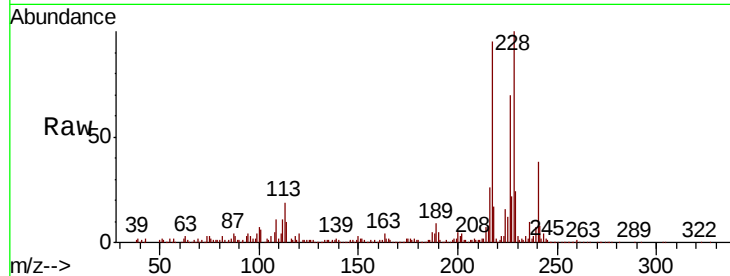




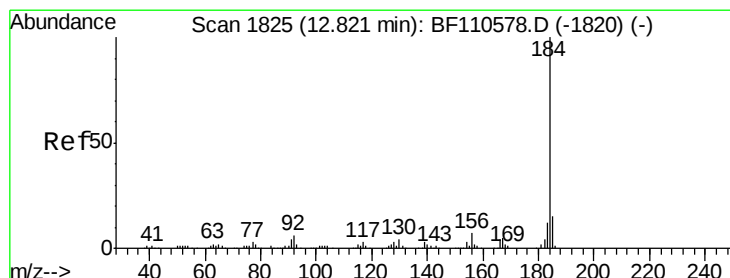
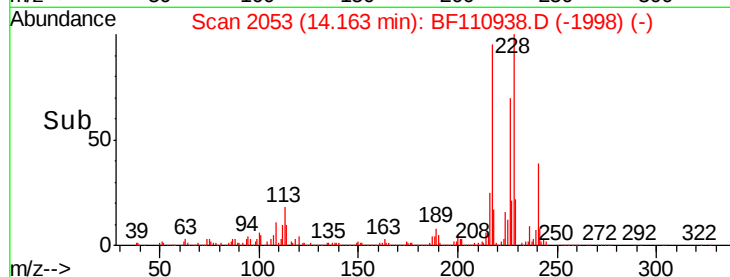
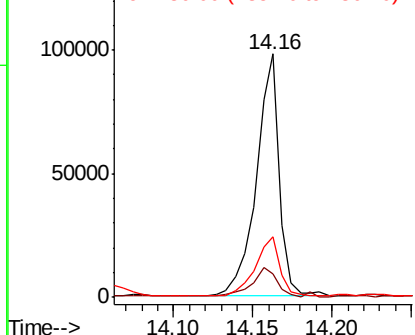
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.02 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tgt Ion:240 Resp: 98514
Ion Ratio Lower Upper
240 100
120 9.7 8.3 12.5
236 24.8 21.2 31.8

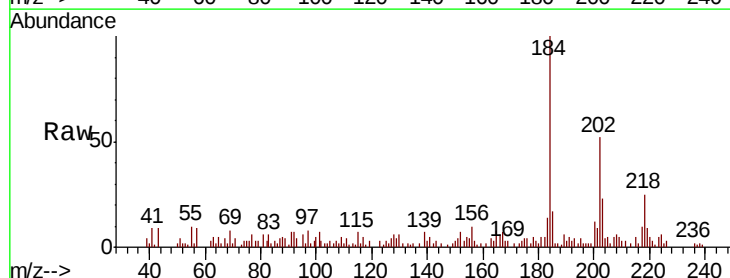


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

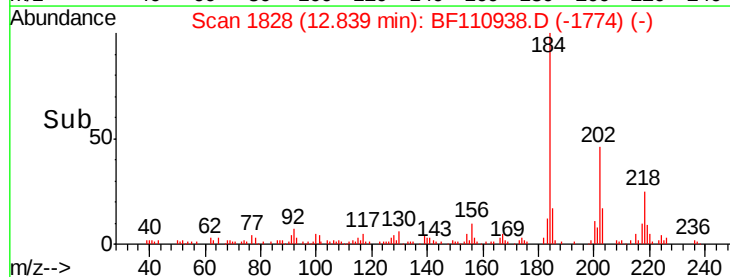
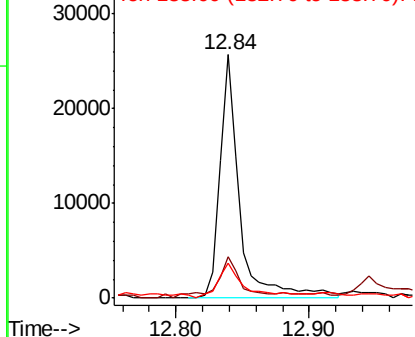


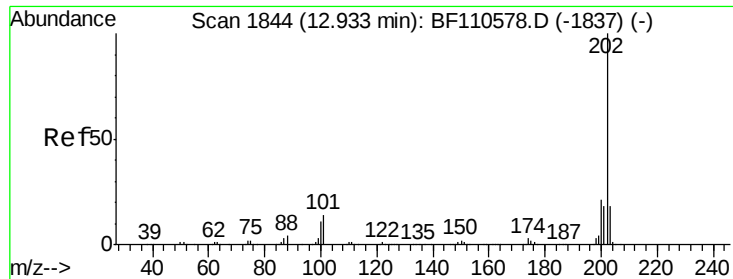
#77
Benzidine
Concen: 9.891 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:184 Resp: 26796
Ion Ratio Lower Upper
184 100
185 16.8 13.4 20.2
183 14.1 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

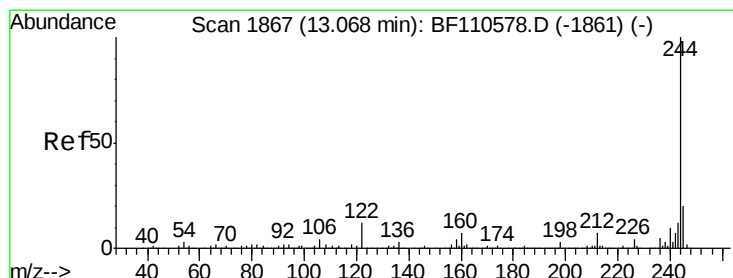
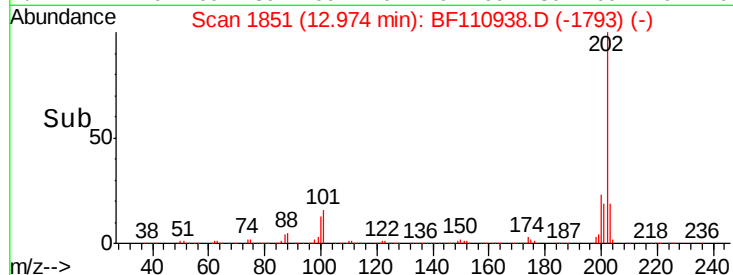
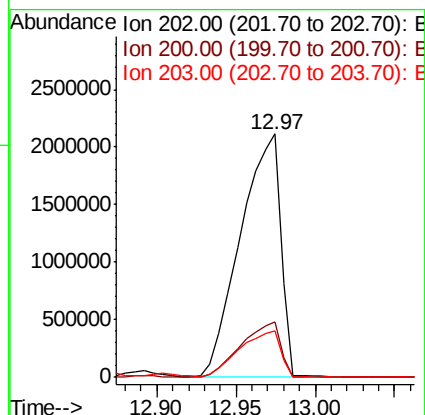
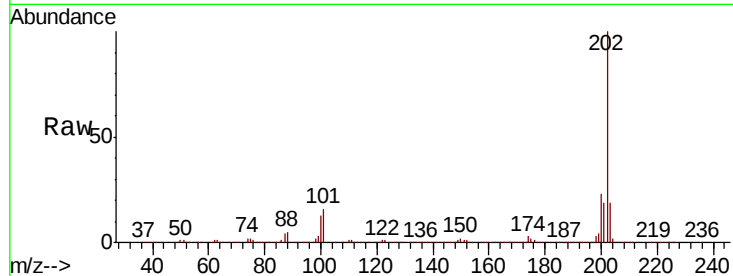




#78
Pyrene
Concen: 491.899 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

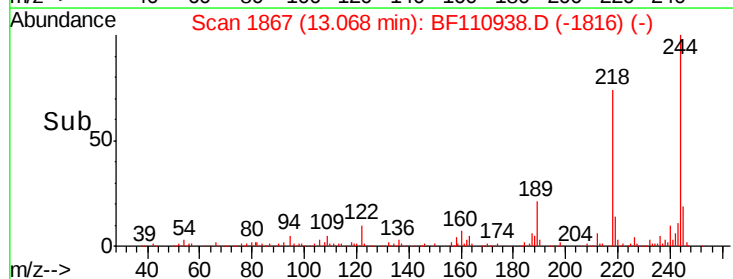
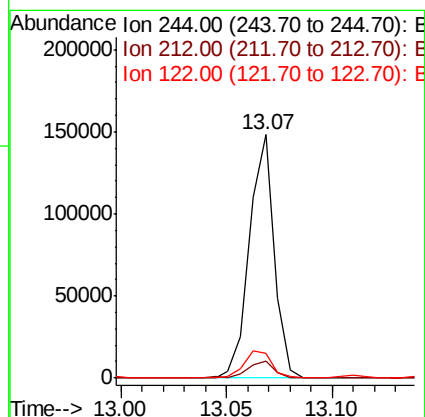
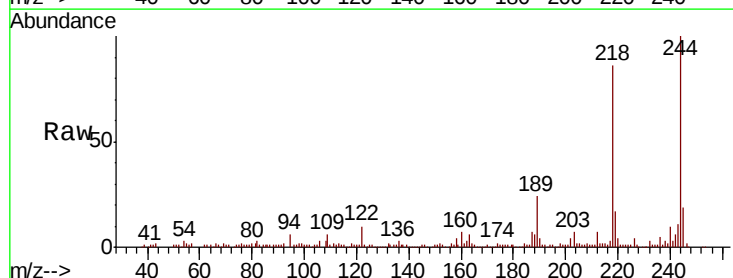
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

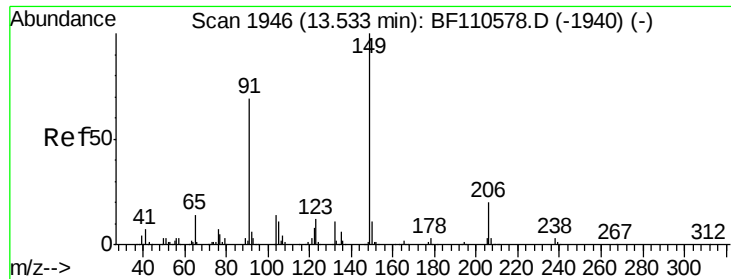
Tgt Ion:202 Resp: 3731227
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 19.0 14.2 21.4



#79
Terphenyl-d14
Concen: 23.095 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:244 Resp: 121487
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.0 8.7 13.1

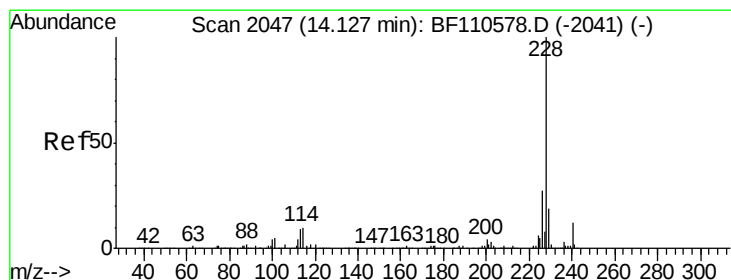
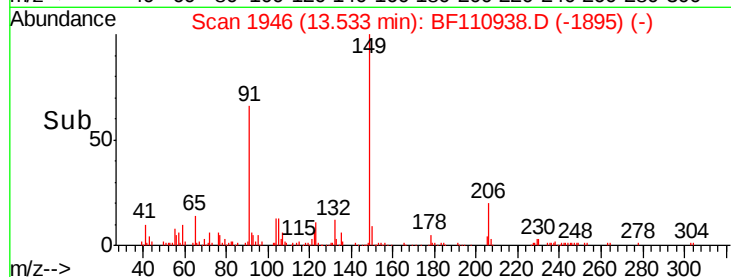
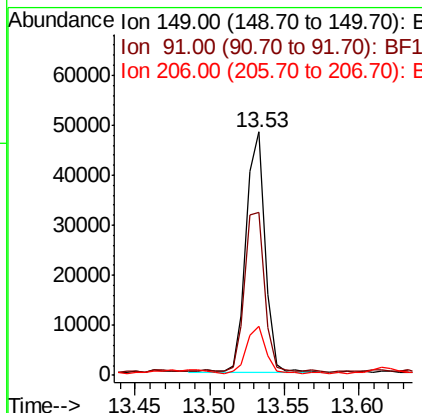
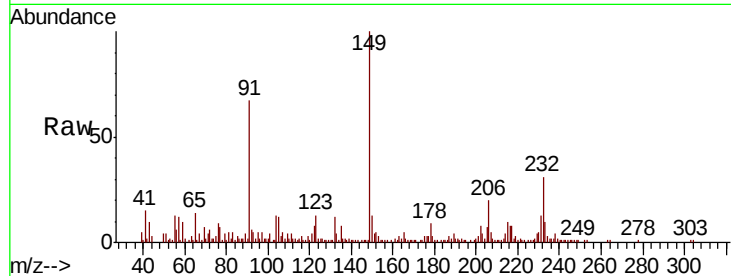




#80
Butylbenzylphthalate
Concen: 12.910 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

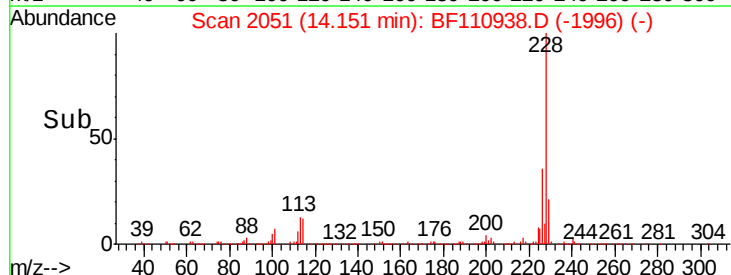
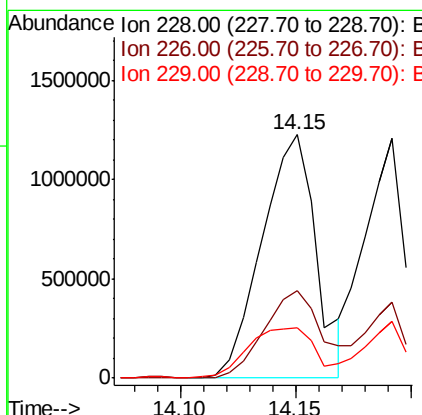
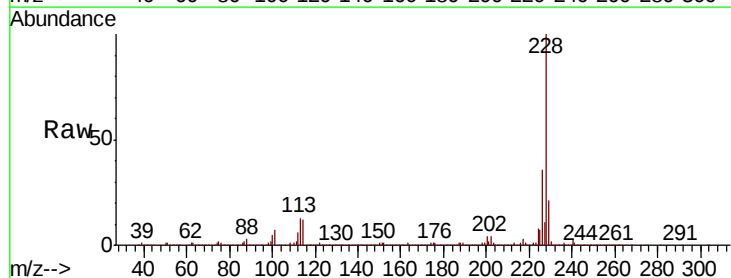
Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

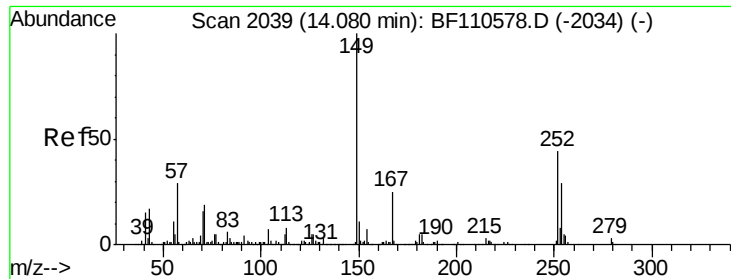
Tgt Ion:149 Resp: 42148
Ion Ratio Lower Upper
149 100
91 66.7 57.2 85.8
206 20.1 15.7 23.5



#81
Benzo(a)anthracene
Concen: 337.343 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.02 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:228 Resp: 1986368
Ion Ratio Lower Upper
228 100
226 35.9 22.1 33.1#
229 20.9 15.6 23.4

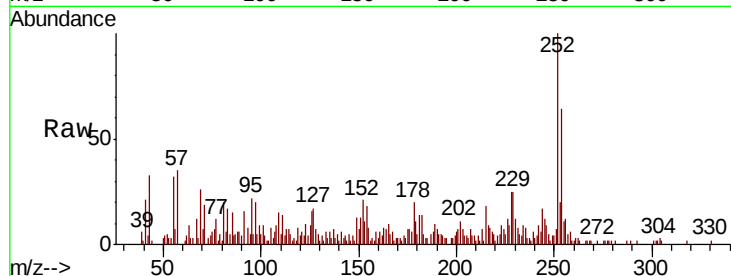




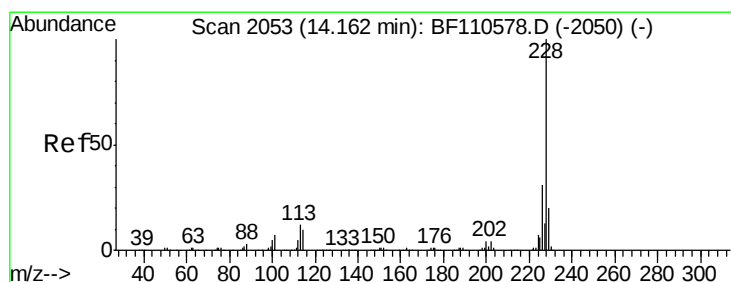
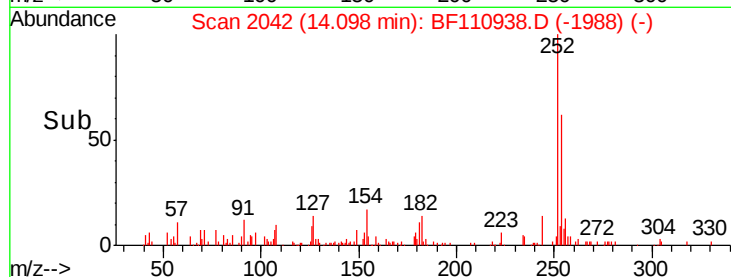
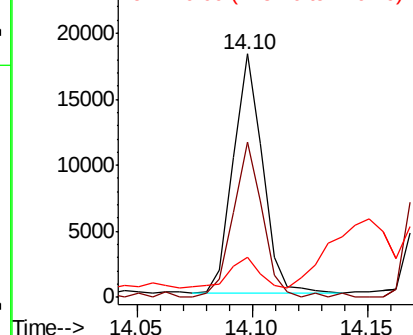
#82
 3,3'-Dichlorobenzidine
 Concen: 8.132 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:252 Resp: 16041
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.3 76.9
 126 16.4 9.4 14.2#

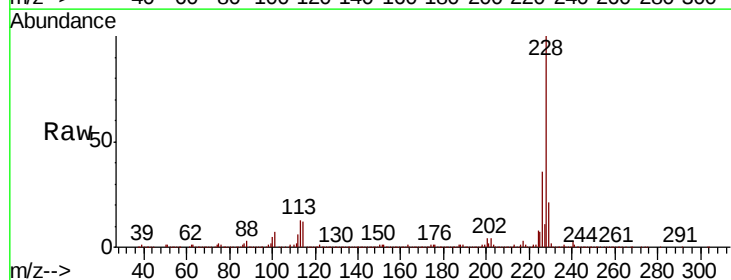


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

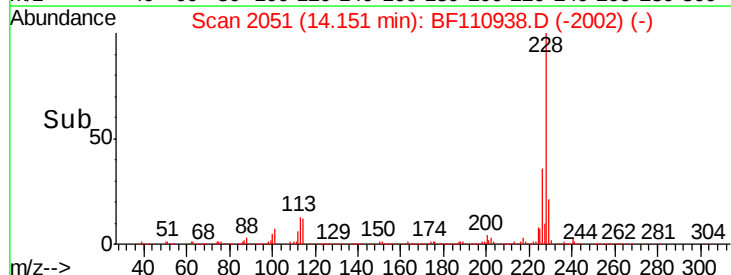
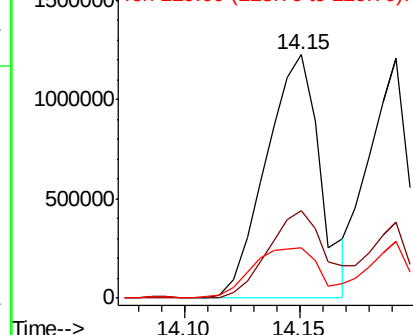


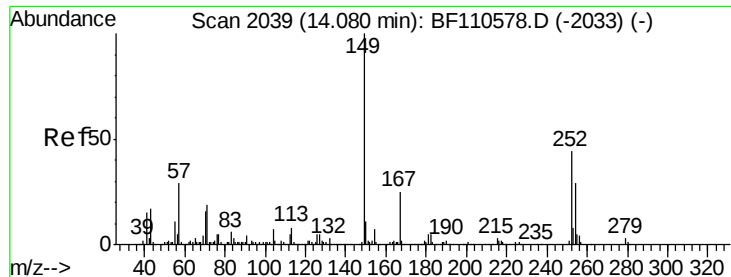
#83
 Chrysene
 Concen: 354.090 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:228 Resp: 1986368
 Ion Ratio Lower Upper
 228 100
 226 35.9 24.7 37.1
 229 20.9 15.9 23.9



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.821 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

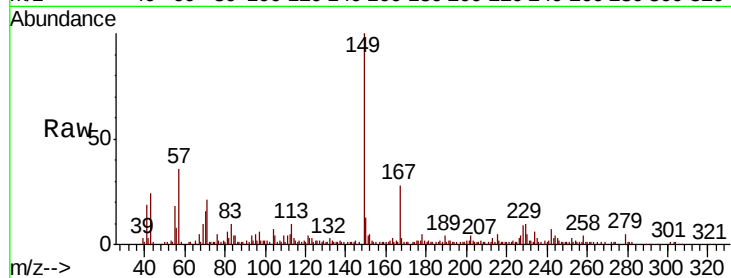
Tgt Ion:149 Resp: 60028

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

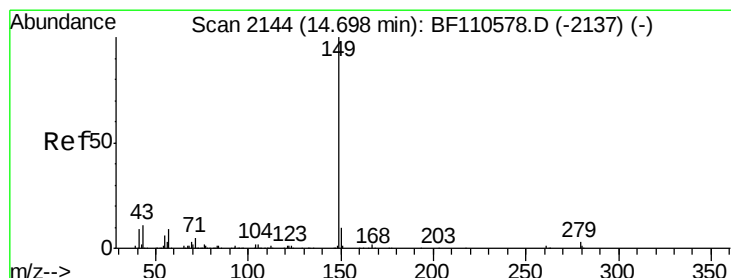
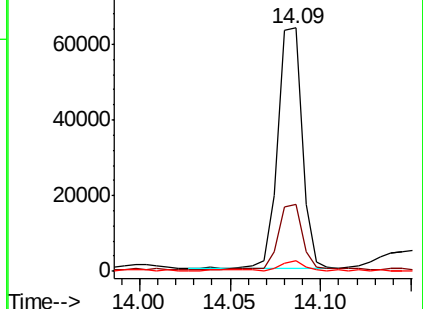
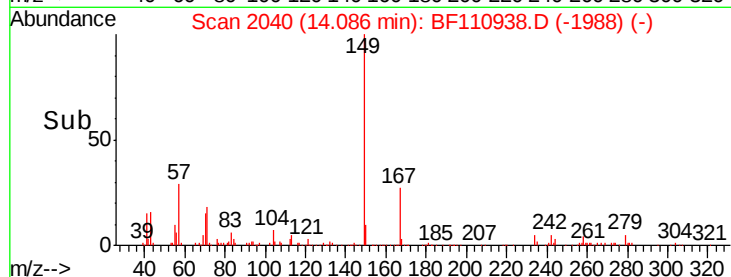
279 4.6 2.7 4.1#



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



#85

Di-n-octyl phthalate

Concen: 16.130 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

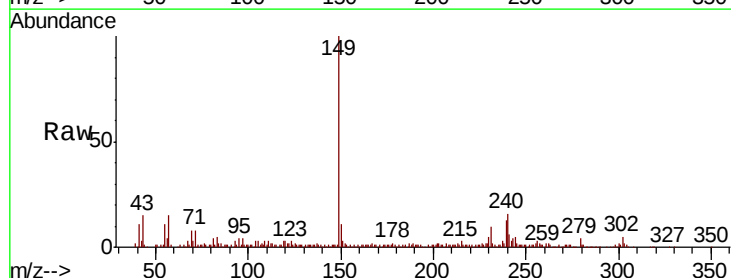
Tgt Ion:149 Resp: 96065

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

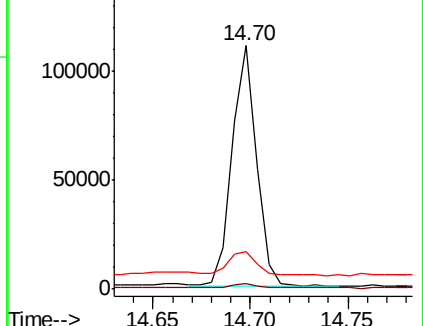
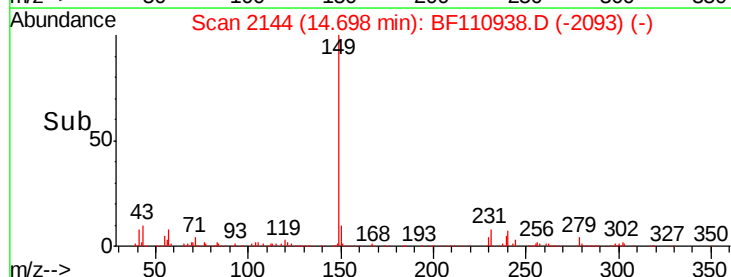
43 11.1 7.8 11.8

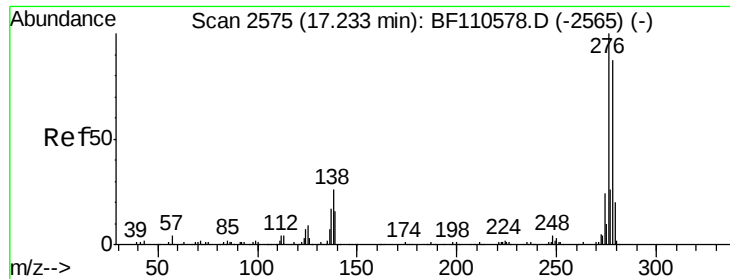


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86

Indeno(1,2,3-cd)pyrene

Concen: 151.446 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.07 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

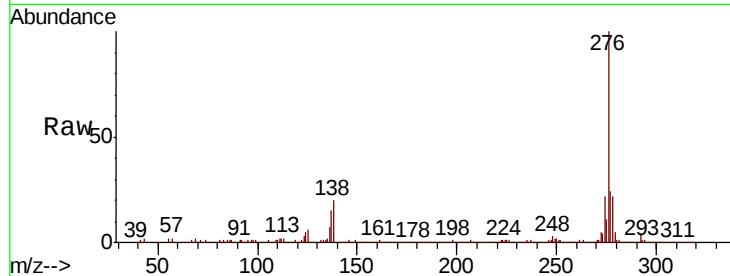
Tgt Ion:276 Resp: 609652

Ion Ratio Lower Upper

276 100

138 20.6 18.5 27.7

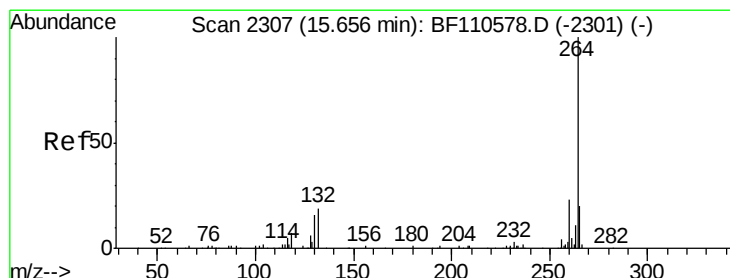
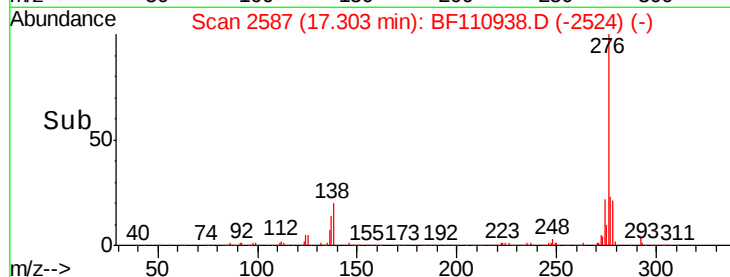
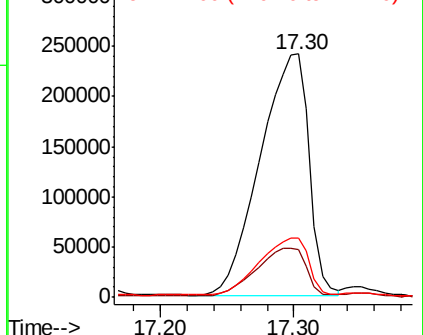
277 23.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.03 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

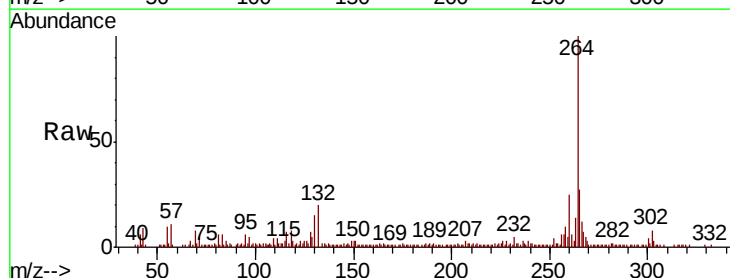
Tgt Ion:264 Resp: 80585

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

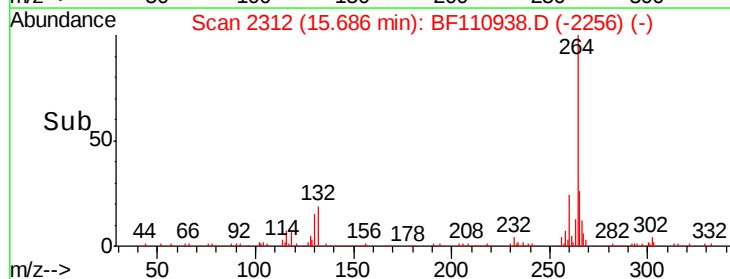
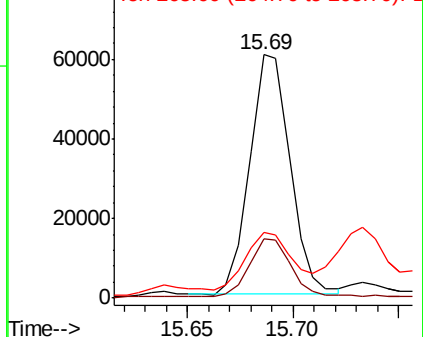
265 26.7 16.7 25.1#

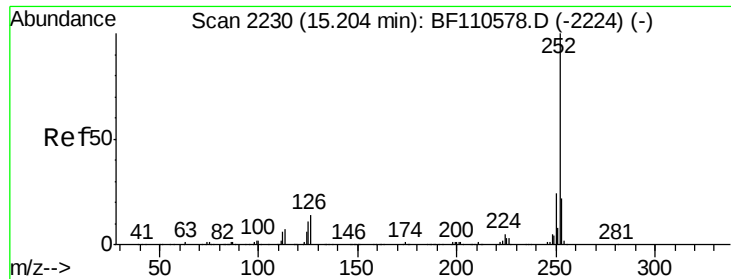


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

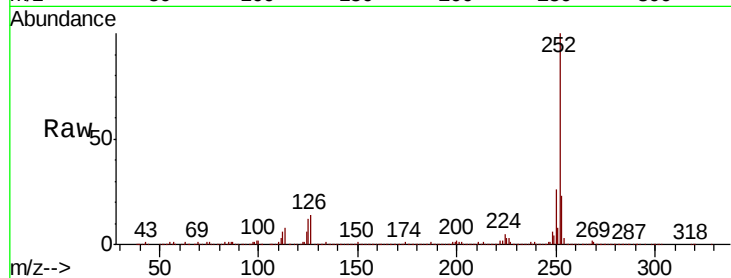




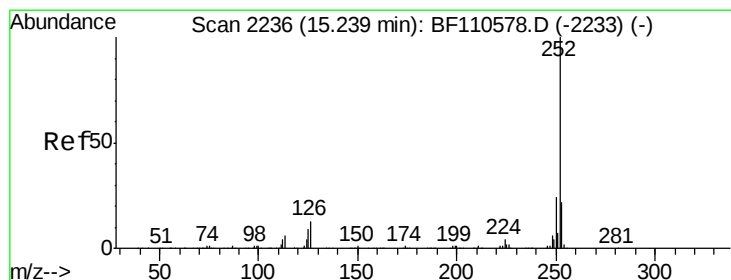
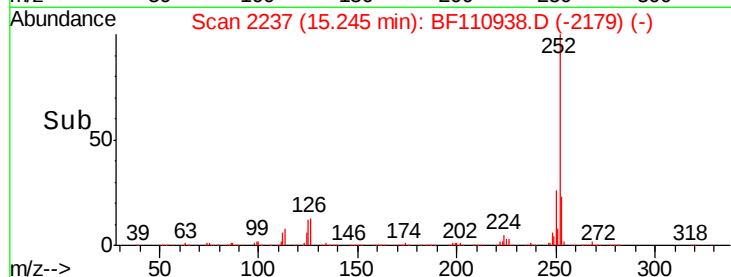
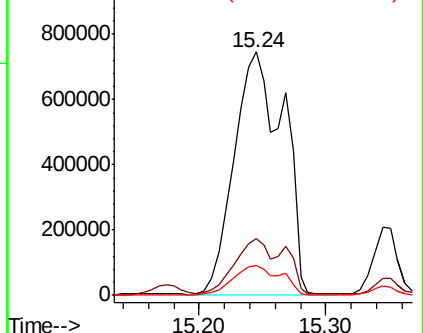
#88
Benzo(b)fluoranthene
Concen: 413.332 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tgt Ion:252 Resp: 1992622
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 12.3 8.2 12.4

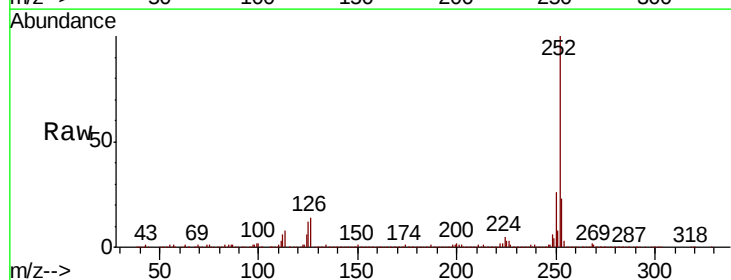


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

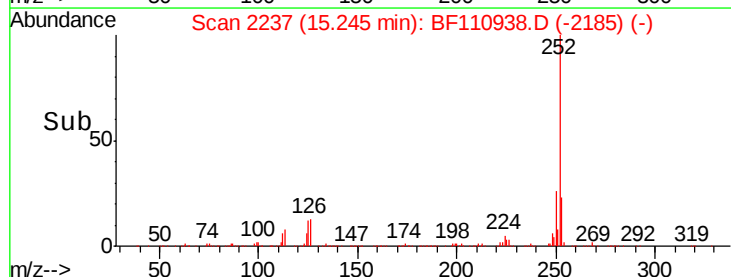
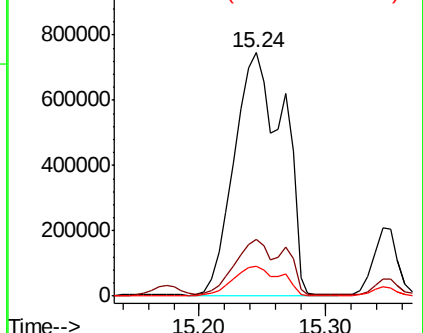


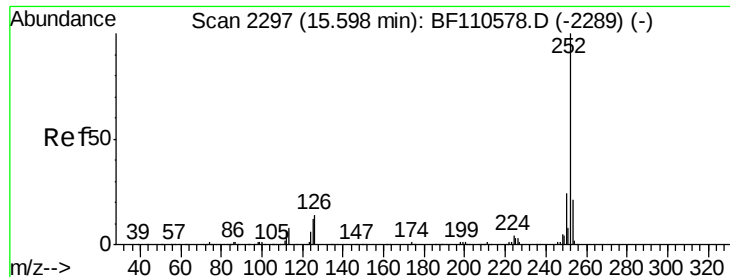
#89
Benzo(k)fluoranthene
Concen: 418.304 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:252 Resp: 1992622
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 12.3 7.4 11.0#



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





#90

Benzo(a)pyrene

Concen: 237.519 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.04 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

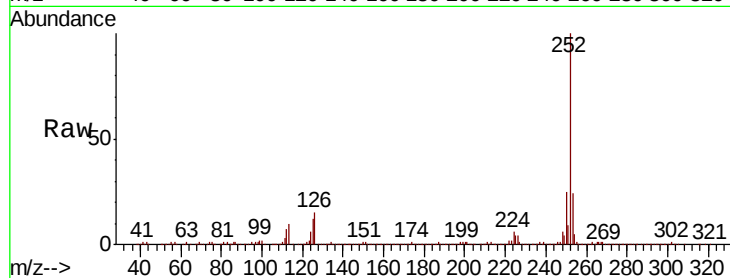
Tgt Ion:252 Resp: 1040359

Ion Ratio Lower Upper

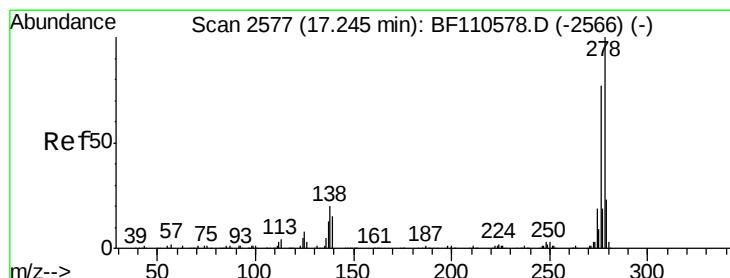
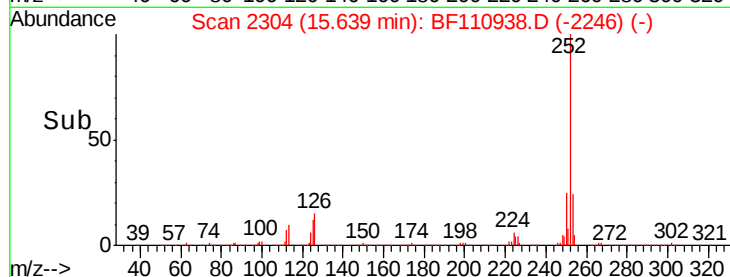
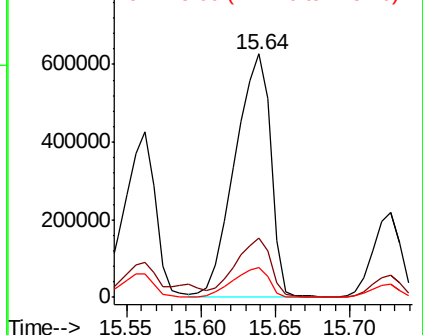
252 100

253 24.4 18.2 27.4

125 12.3 9.0 13.6



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



#91

Dibenzo(a,h)anthracene

Concen: 49.328 ng

RT: 17.29 min Scan# 2584

Delta R.T. 0.04 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

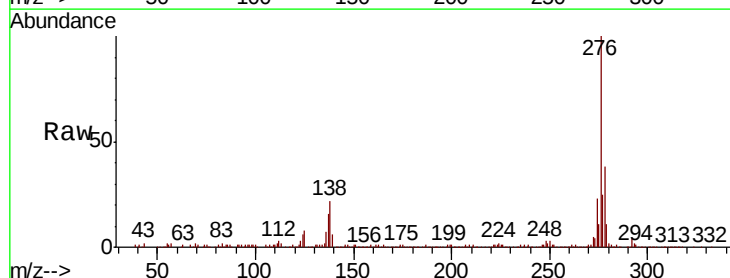
Tgt Ion:278 Resp: 182843

Ion Ratio Lower Upper

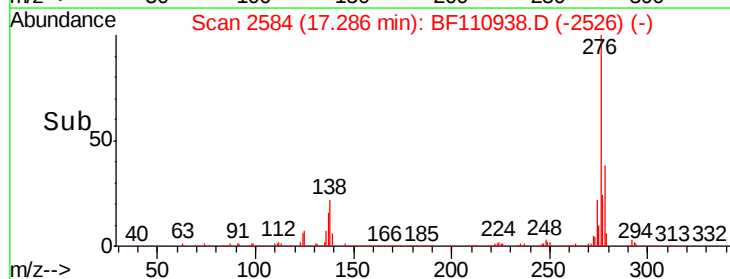
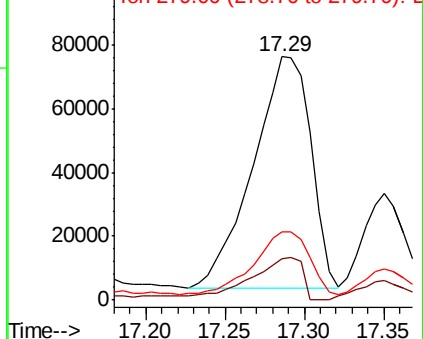
278 100

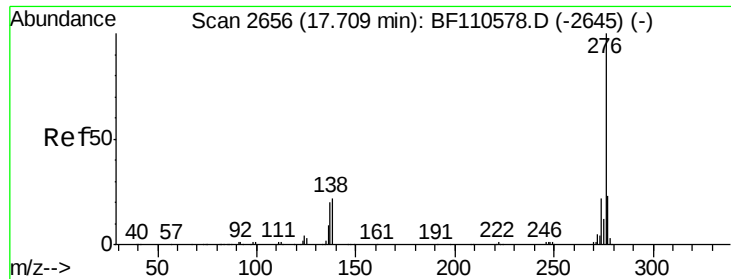
139 17.0 12.7 19.1

279 27.8 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





#92
 Benzo(g,h,i)perylene
 Concen: 136.943 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.08 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tgt Ion:	276	Resp:	503632
Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.5	16.0	24.0

