

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101671.D
 Acq On : 22 Dec 2017 23:17
 Operator : SJ/JU
 Sample : I6966-03MS 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Quant Time: Dec 23 00:18:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136981	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	517927	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	199100	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	319553	20.00	ng	0.00
75) Chrysene-d12	13.97	240	265261	20.00	ng	0.00
86) Perylene-d12	15.43	264	264684	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	90473	9.84	ng	0.02
7) Phenol-d6	6.44	99	141225	12.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	82262	8.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	23142	12.06	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	166615	12.98	ng	0.00
78) Terphenyl-d14	12.89	244	119845	10.89	ng	-0.01

Target Compounds

						Qvalue
8) 2-Chlorophenol	6.59	128	27697	2.863	ng	97
10) Phenol	6.46	94	47840	3.668	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	31082	3.038	ng	93
12) 1,3-Dichlorobenzene	6.73	146	28807	2.639	ng	92
13) 1,4-Dichlorobenzene	6.80	146	30131	2.703	ng	96
14) 1,2-Dichlorobenzene	6.96	146	29400	2.930	ng	96
15) Benzyl Alcohol	6.96	79	26443	3.357	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	53288	3.403	ng	67
17) 2-Methylphenol	7.06	107	27625	3.105	ng	# 76
18) Hexachloroethane	7.29	117	7757	2.001	ng	92
19) n-Nitroso-di-n-propylamine	7.19	70	25185	3.351	ng	95
20) 3+4-Methylphenols	7.23	107	36439	3.864	ng	92
22) Acetophenone	7.21	105	49146	4.159	ng	# 97
24) Nitrobenzene	7.38	77	31959	3.104	ng	92
25) Isophorone	7.61	82	67933	3.640	ng	96
26) 2-Nitrophenol	7.71	139	10552	2.385	ng	93
27) 2,4-Dimethylphenol	7.74	122	28023	3.729	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	41580	3.507	ng	97
29) 2,4-Dichlorophenol	7.99	162	23491	3.164	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	26813	3.422	ng	96
31) Naphthalene	8.09	128	93858	3.600	ng	98
32) Benzoic acid	7.91	122	923	8.113	ng	# 84
33) 4-Chloroaniline	8.17	127	22824	2.014	ng	95
34) Hexachlorobutadiene	8.20	225	14980	3.305	ng	95
35) Caprolactam	8.50	113	7421	2.878	ng	# 72
36) 4-Chloro-3-methylphenol	8.65	107	27449	3.363	ng	94
37) 2-Methylnaphthalene	8.79	142	62998	3.708	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	27964	4.160	ng	97
42) 2,4,6-Trichlorophenol	9.08	196	15576	3.849	ng	92
43) 2,4,5-Trichlorophenol	9.14	196	15688	3.540	ng	# 91
45) 1,1'-Biphenyl	9.25	154	76071	4.308	ng	97
46) 2-Chloronaphthalene	9.27	162	54709	4.049	ng	95
47) 2-Nitroaniline	9.39	65	19117	4.096	ng	86
48) Acenaphthylene	9.69	152	78535	3.680	ng	98

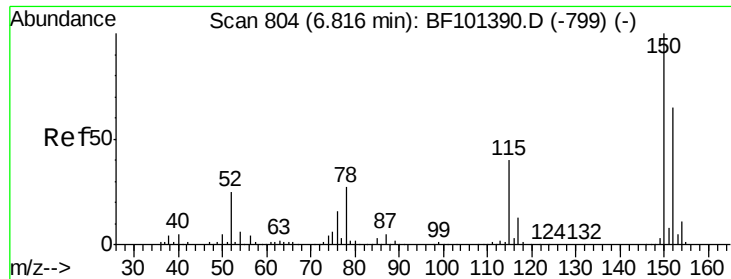
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.54	163	68362	4.269	nq	100
50) 2,6-Dinitrotoluene	9.62	165	9609	2.952	nq	92
51) Acenaphthene	9.86	154	48345	3.771	nq	98
52) 3-Nitroaniline	9.81	138	12761	3.145	nq	# 97
54) Dibenzofuran	10.03	168	68334	4.194	nq	96
55) 4-Nitrophenol	10.03	139	38584	21.805	nq	# 20
56) 2,4-Dinitrotoluene	10.05	165	11707	3.192	nq	# 92
57) Fluorene	10.37	166	54704	3.969	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	11366	3.570	nq	# 88
59) Diethylphthalate	10.23	149	63478	4.003	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	26763	4.052	nq	# 87
61) 4-Nitroaniline	10.42	138	13570	3.327	nq	99
62) Azobenzene	10.52	77	54313	3.306	nq	99
65) n-Nitrosodiphenylamine	10.48	169	49516	4.197	nq	95
66) 4-Bromophenyl-phenylether	10.85	248	14664	4.084	nq	91
67) Hexachlorobenzene	10.93	284	14151	3.724	nq	# 90
68) Atrazine	11.00	200	14937	4.246	nq	97
69) Pentachlorophenol	11.15	266	5223	9.801	nq	# 86
70) Phenanthrene	11.34	178	73976	4.163	nq	99
71) Anthracene	11.39	178	69601	3.834	nq	99
72) Carbazole	11.56	167	61538	3.621	nq	99
73) Di-n-butylphthalate	11.86	149	87436	4.239	nq	99
74) Fluoranthene	12.53	202	70031	3.754	nq	99
76) Benzidine	12.66	184	22737	2.029	nq	# 87
77) Pyrene	12.76	202	70892	3.561	nq	98
79) Butylbenzylphthalate	13.36	149	29454	3.270	nq	# 89
80) Benzo(a)anthracene	13.96	228	64565	3.686	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	17988	3.150	nq	# 89
82) Chrysene	13.99	228	65167	3.940	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	41535	3.640	nq	96
84) Di-n-octyl phthalate	14.53	149	75519	3.711	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.91	276	55541	3.771	nq	96
87) Benzo(b)fluoranthene	15.01	252	59092	3.663	nq	# 77
88) Benzo(k)fluoranthene	15.04	252	57944	3.694	nq	# 83
89) Benzo(a)pyrene	15.37	252	54378	3.656	nq	# 76
90) Dibenzo(a,h)anthracene	16.91	278	47837	3.746	nq	# 91
91) Benzo(g,h,i)perylene	17.36	276	44499	3.519	nq	# 89

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

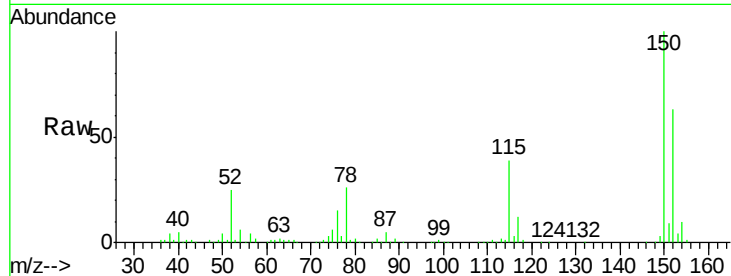


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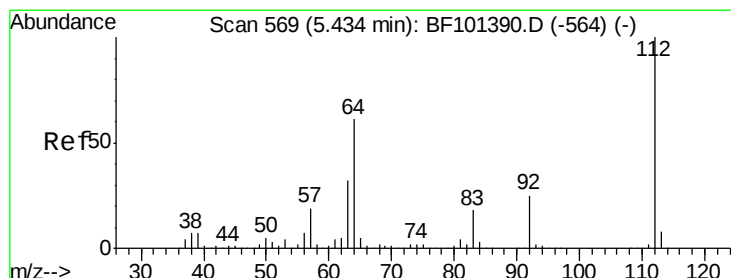
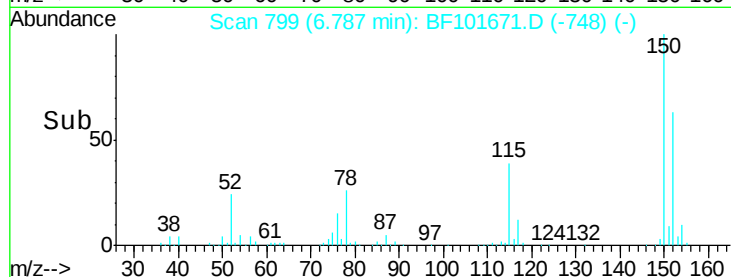
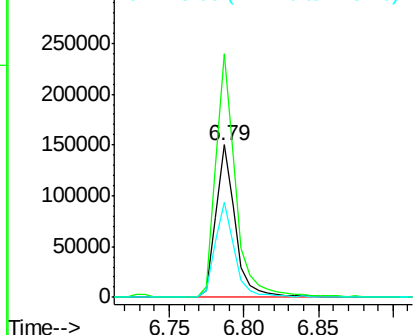
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:152 Resp: 136981
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 62.6 50.1 75.1



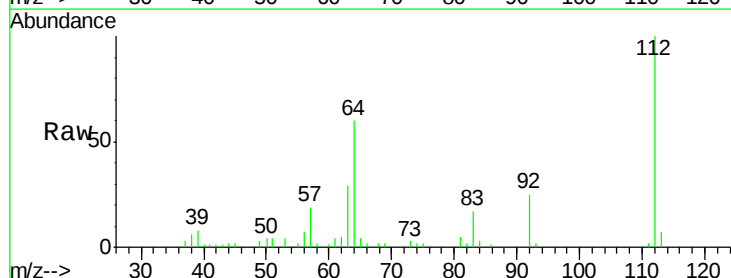
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



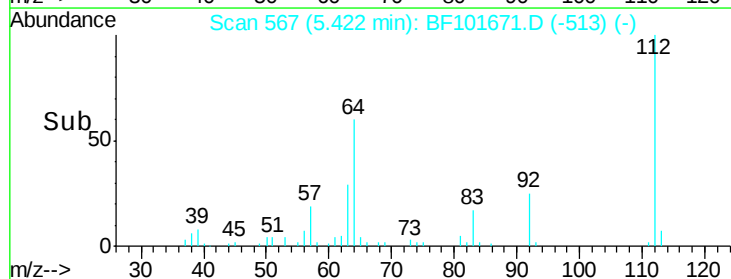
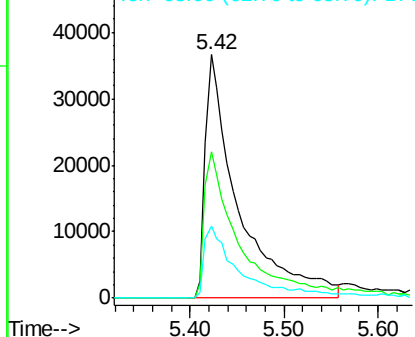
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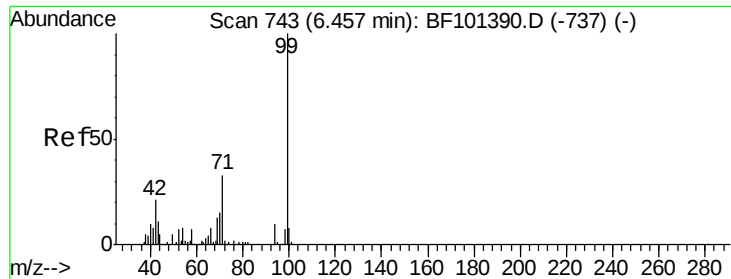
2-Fluorophenol
Concen: 9.838 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:112 Resp: 90473
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 29.5 23.7 35.5



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





#7

Phenol-d6

Concen: 12.340 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

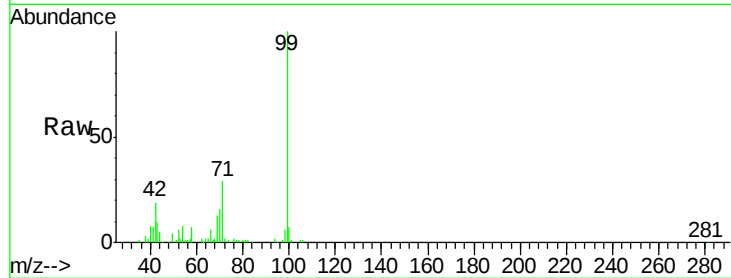
Tot Ion: 99 Resp: 141225

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

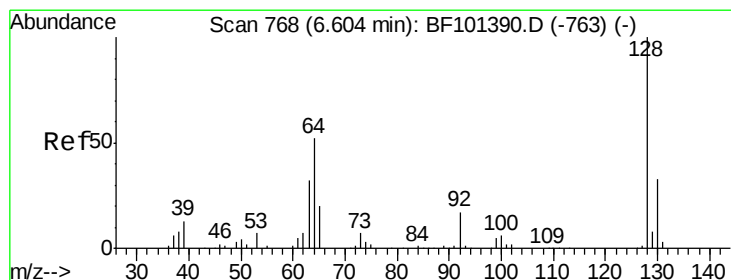
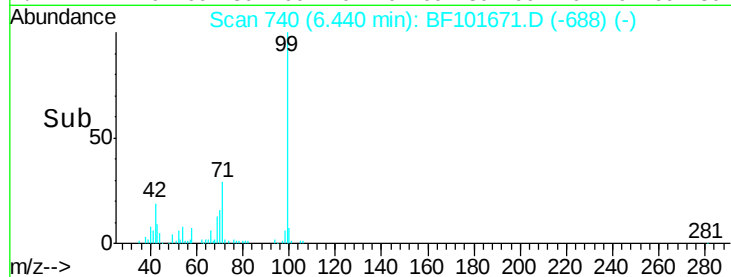
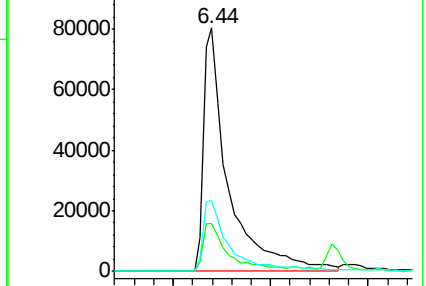
71 29.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.863 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

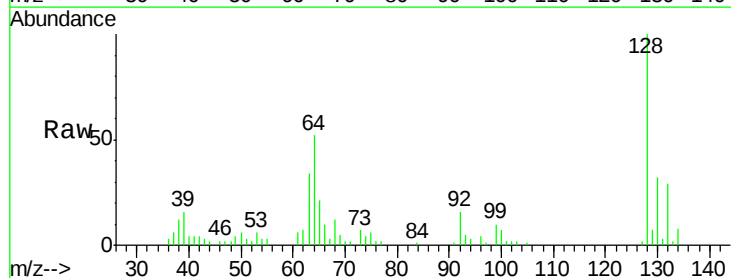
Tgt Ion: 128 Resp: 27697

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

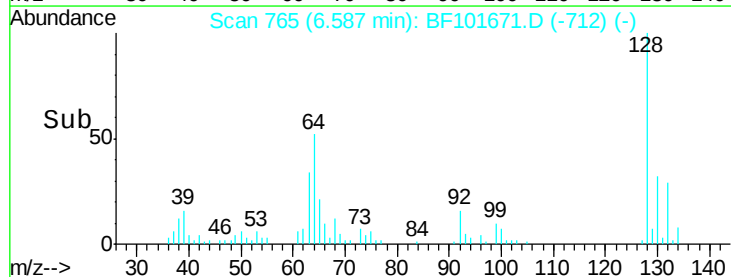
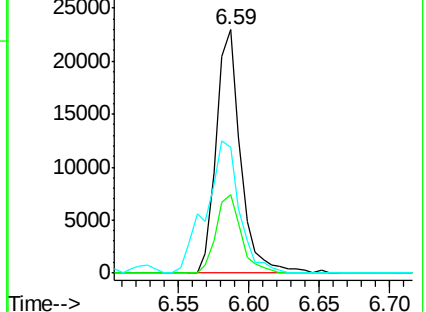
64 51.7 29.4 69.4

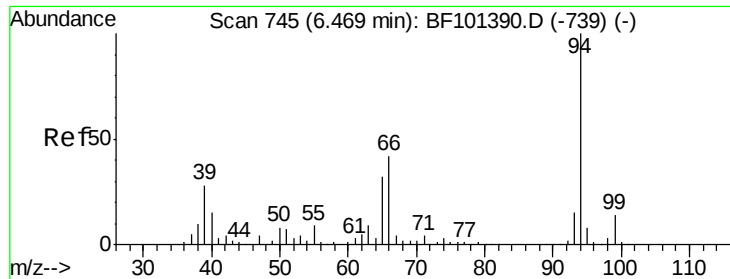


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 3.668 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

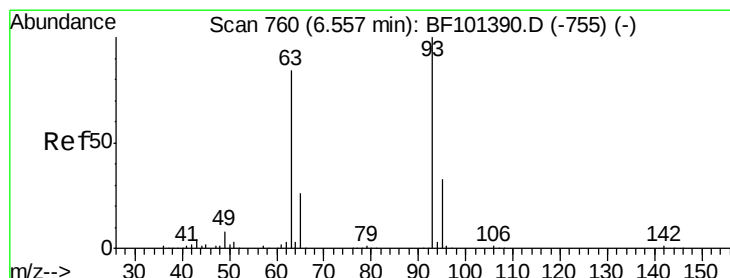
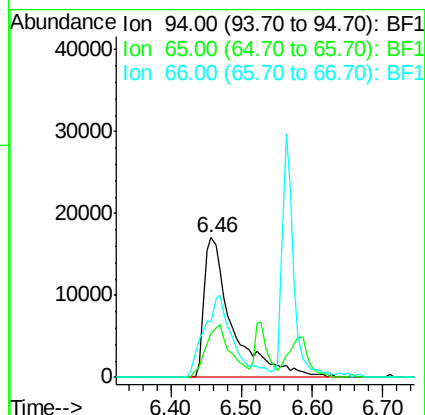
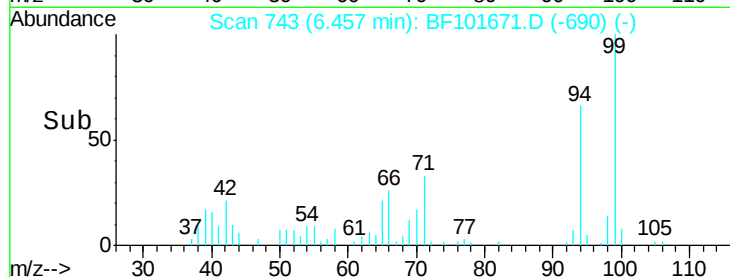
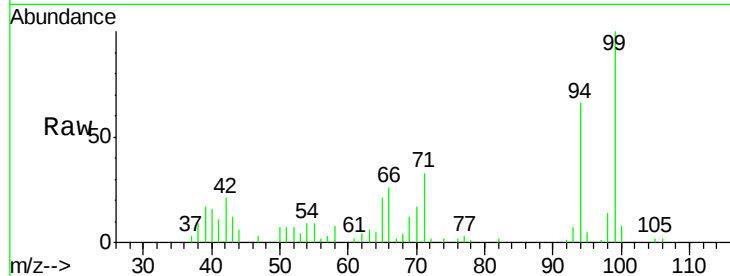
Tot Ion: 94 Resp: 47840

Ion Ratio Lower Upper

94 100

65 31.1 7.9 47.9

66 40.0 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 3.038 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

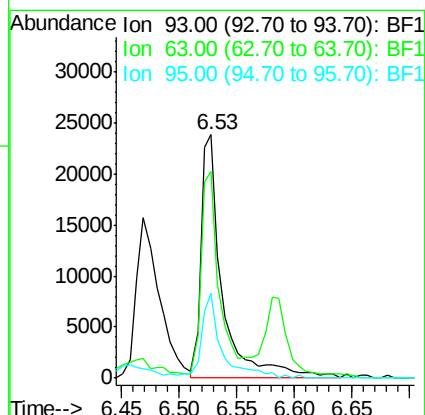
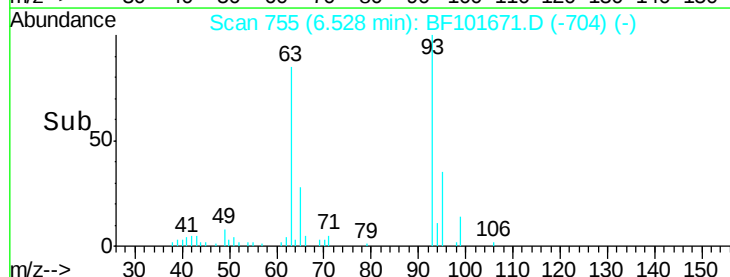
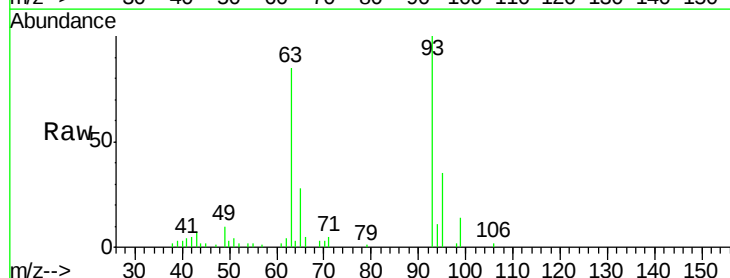
Tgt Ion: 93 Resp: 31082

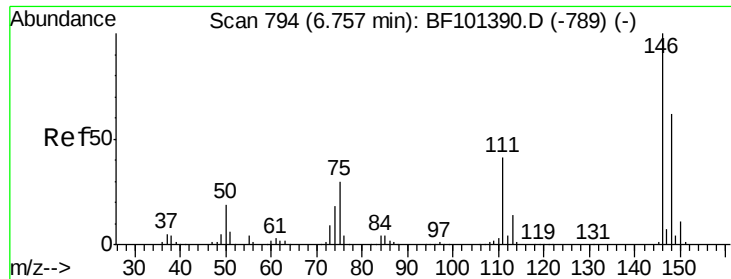
Ion Ratio Lower Upper

93 100

63 84.8 58.6 98.6

95 34.8 11.8 51.8

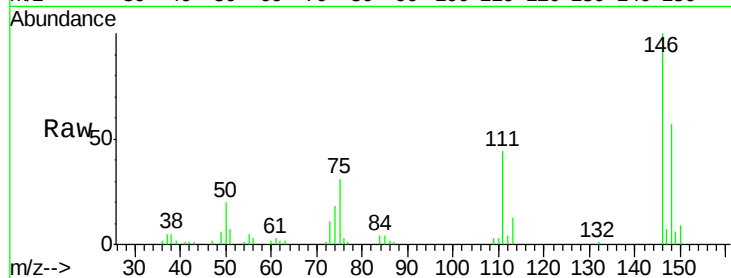




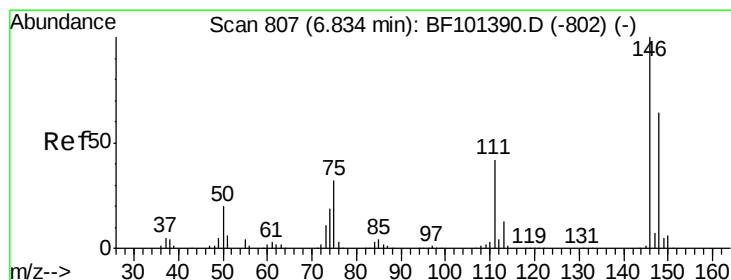
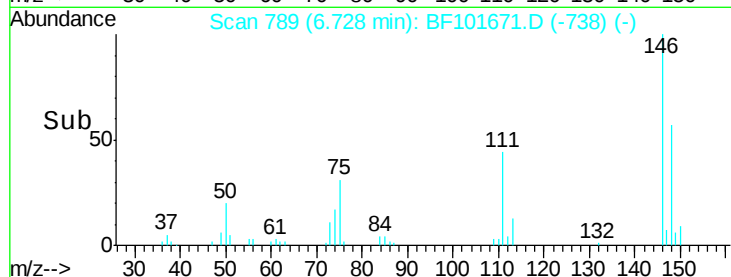
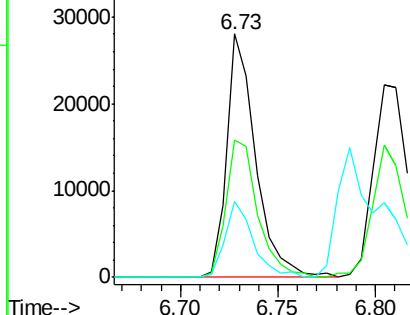
#12
 1,3-Dichlorobenzene
 Concen: 2.639 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	56.5	51.8	77.8
75	31.4	24.2	36.4

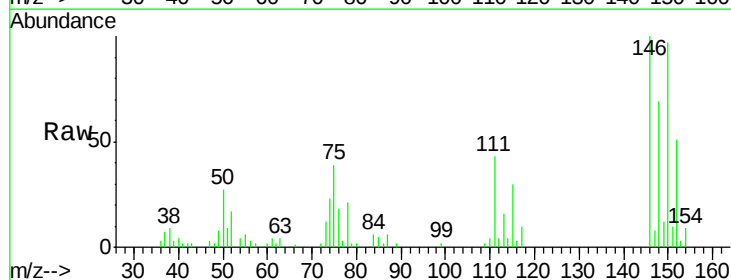


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

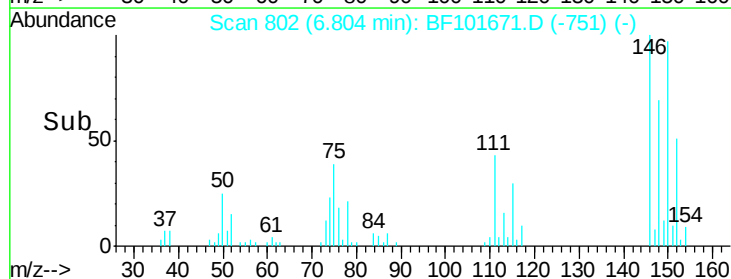
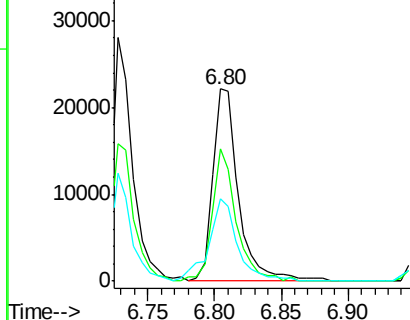


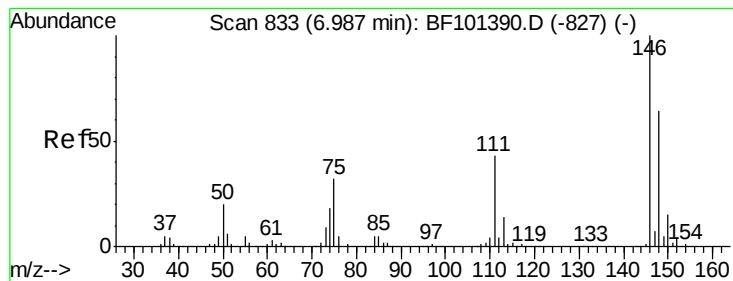
#13
 1,4-Dichlorobenzene
 Concen: 2.703 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	50.8	76.2
111	42.8	34.2	51.2



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





#14

1,2-Dichlorobenzene

Concen: 2.930 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

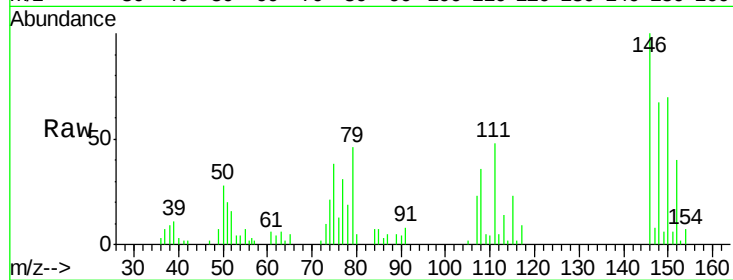
Tot Ion:146 Resp: 29400

Ion Ratio Lower Upper

146 100

148 66.6 50.6 75.8

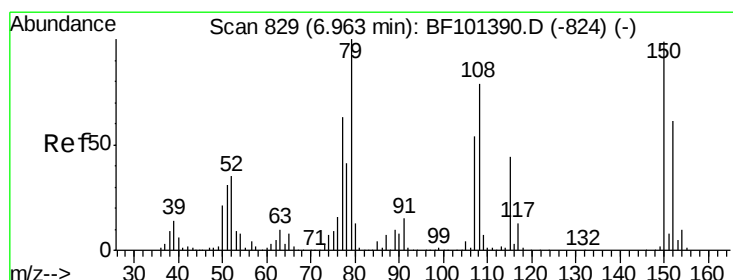
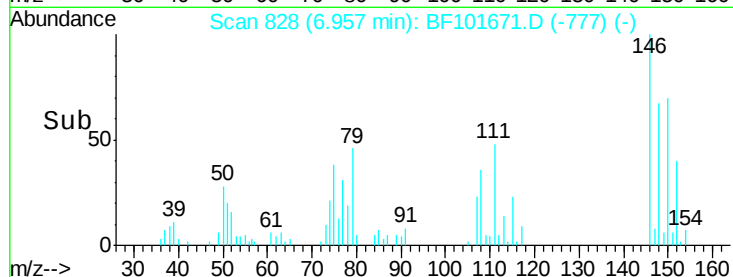
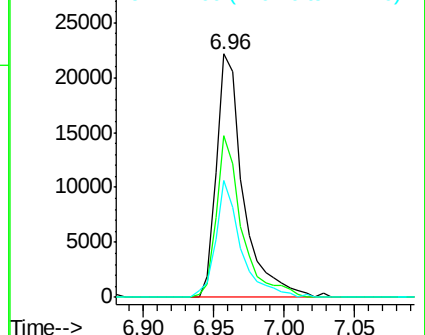
111 47.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 3.357 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.02 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

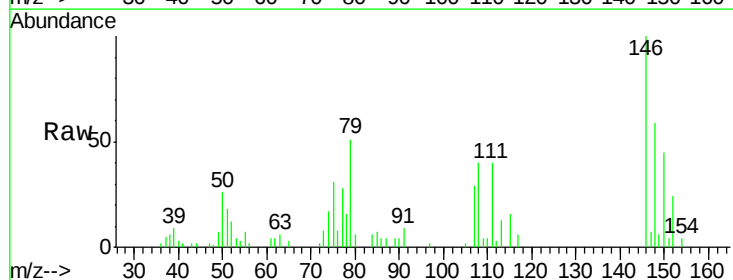
Tgt Ion: 79 Resp: 26443

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

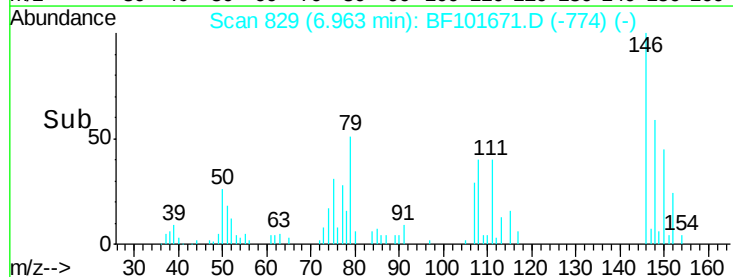
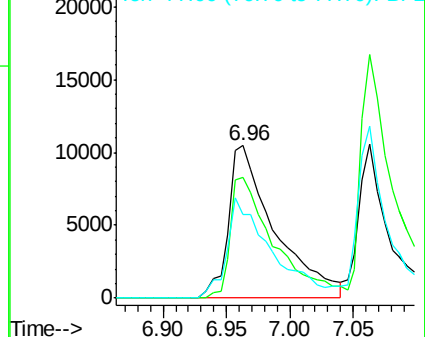
77 54.7 50.6 75.8

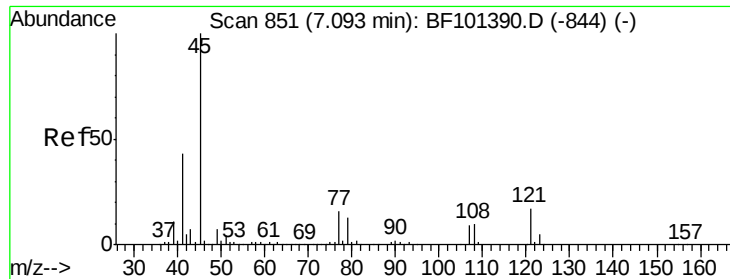


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

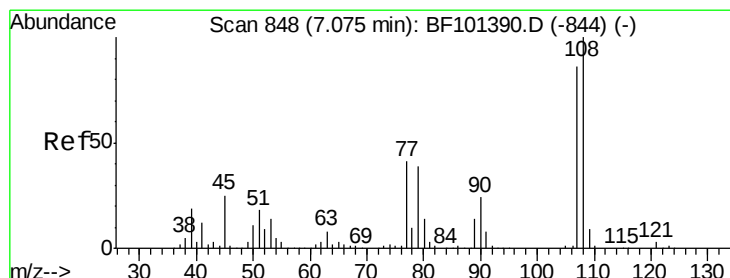
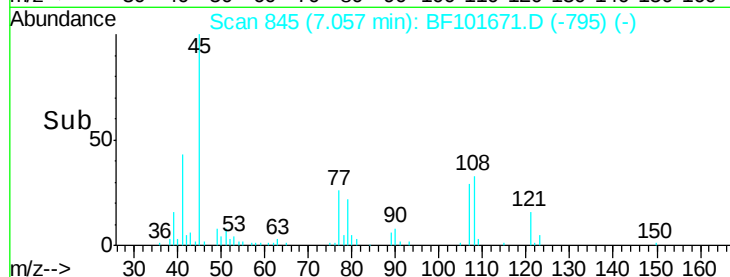
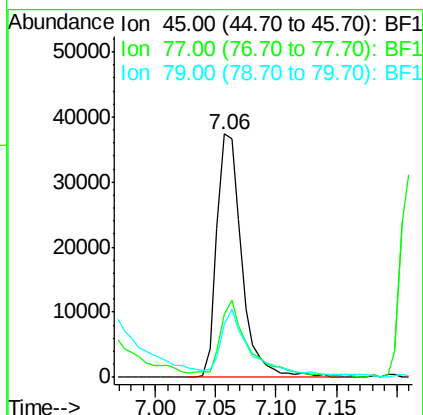
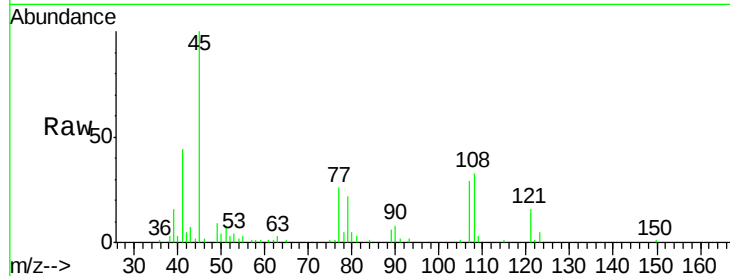




#16
2,2'-oxvbis(1-chloropropane)
Concen: 3.403 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

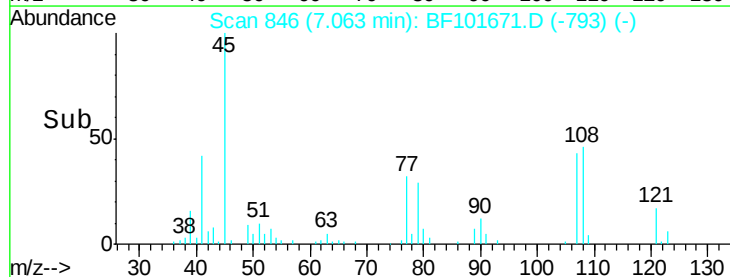
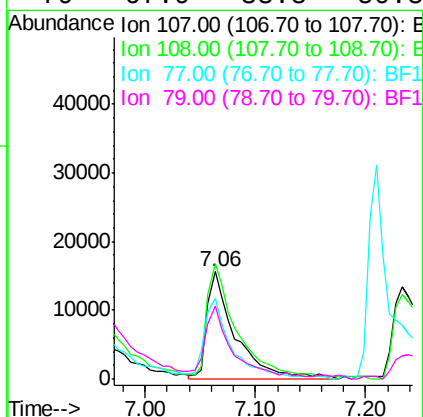
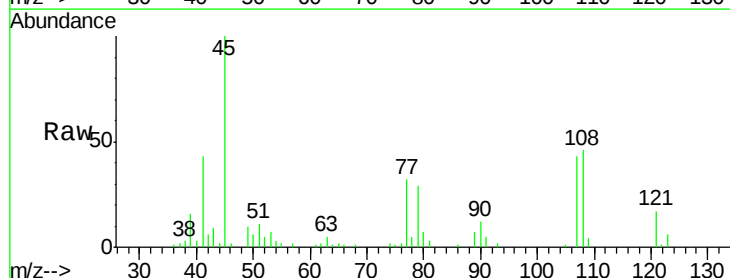
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

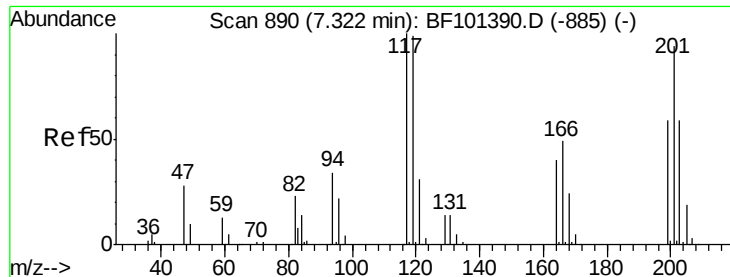
Tot Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.0	32.9
79	21.6	0.0	29.6



#17
2-Methylphenol
Concen: 3.105 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	107.3	91.7	137.5
77	75.9	33.8	50.8#
79	67.9	33.8	50.8#

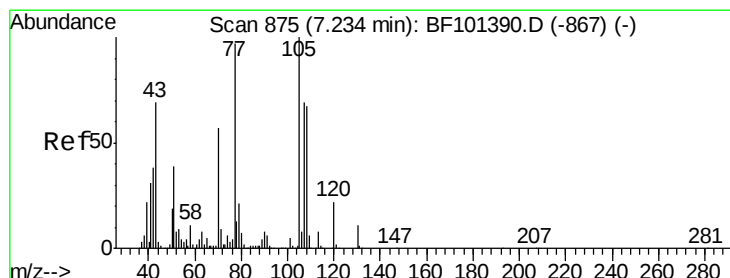
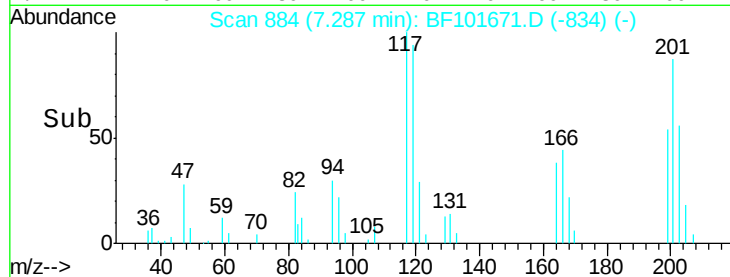
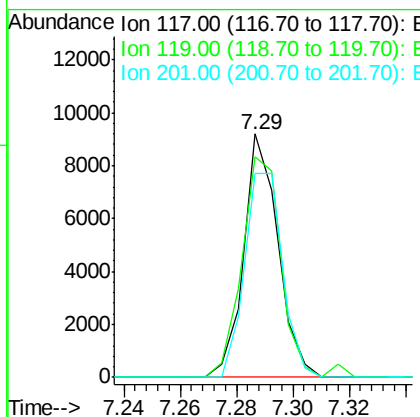
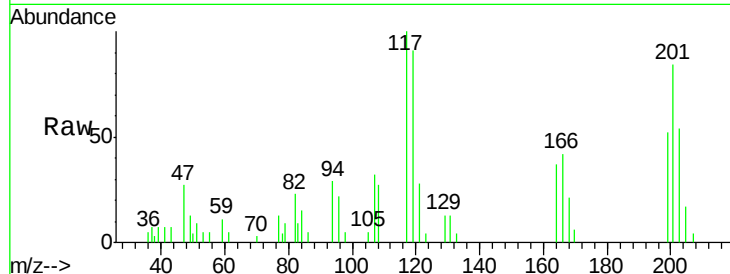




#18
Hexachloroethane
Concen: 2.001 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

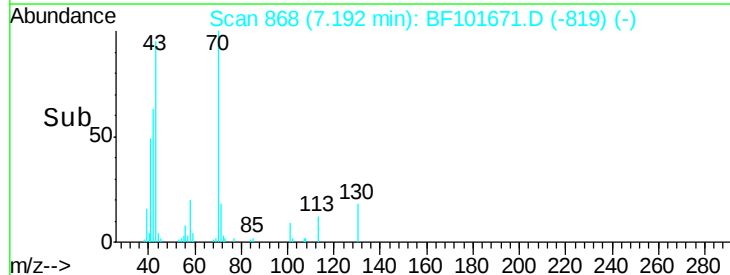
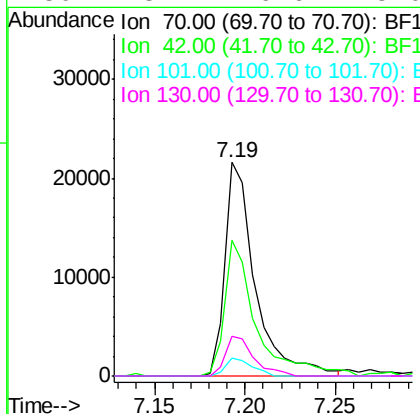
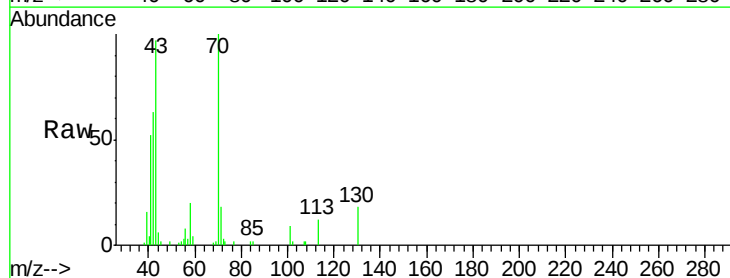
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

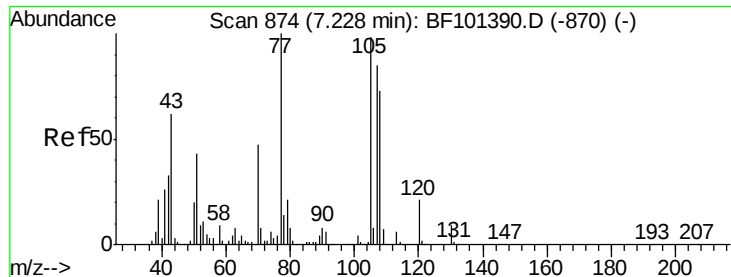
Tot Ion:117 Resp: 7757
Ion Ratio Lower Upper
117 100
119 90.6 75.8 113.8
201 83.8 75.7 113.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.351 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion: 70 Resp: 25185
Ion Ratio Lower Upper
70 100
42 63.3 47.5 71.3
101 8.5 7.4 11.2
130 18.4 16.6 25.0

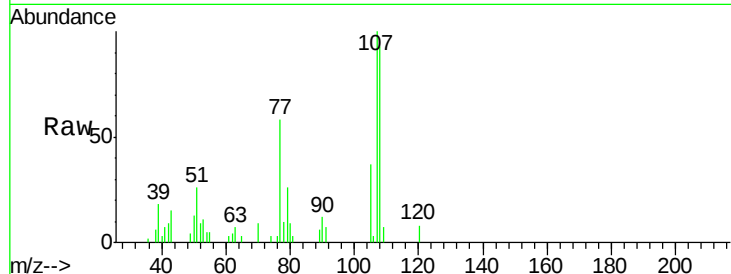




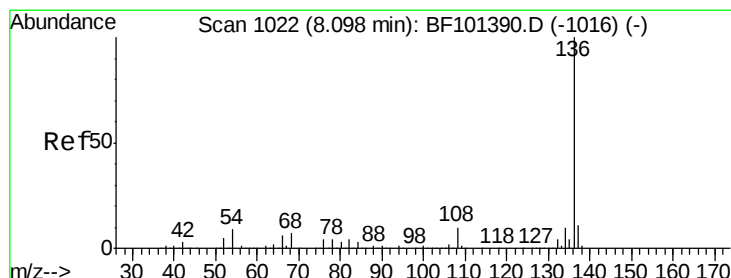
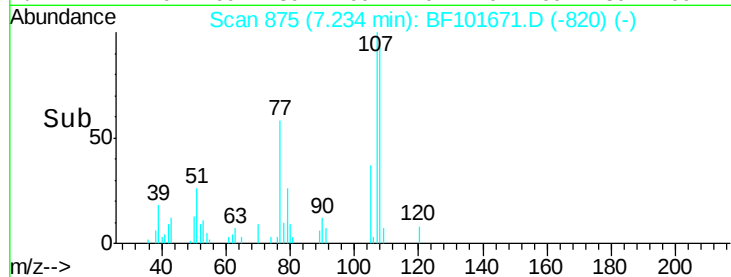
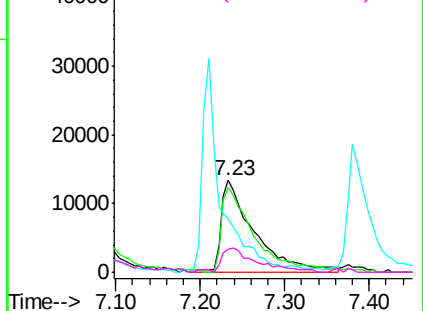
#20
3+4-Methylphenols
Concen: 3.864 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.02 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:	107	Resp:	36439
Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	58.1	26.7	66.7
79	25.7	6.3	46.3



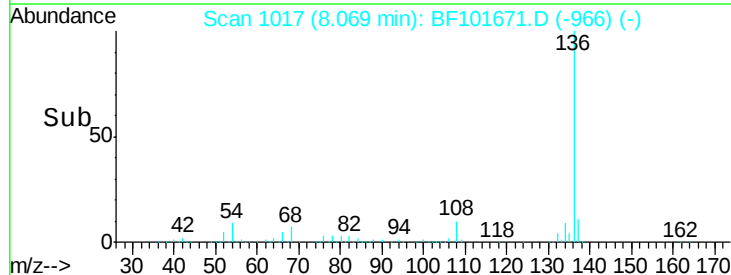
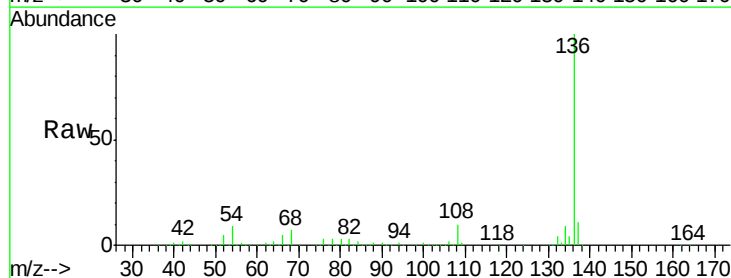
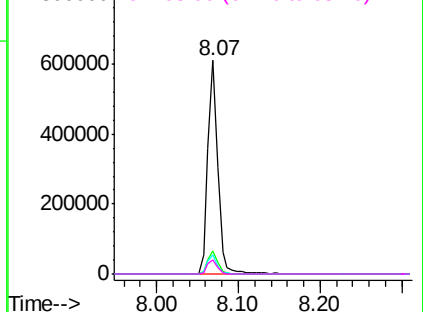
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

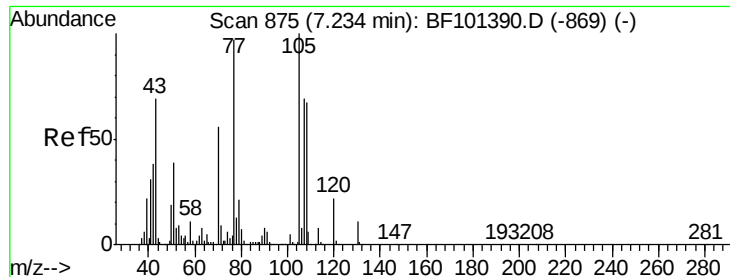


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:	136	Resp:	517927
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.6	5.0	7.4

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





#22

Acetophenone

Concen: 4.159 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

Tot Ion: 105 Resp: 49146

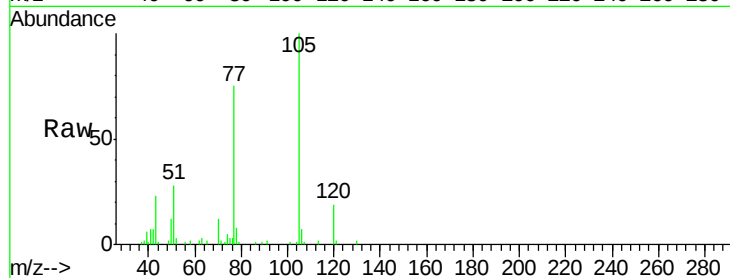
Ion Ratio Lower Upper

105 100

71 2.2 4.4 6.6#

51 27.7 22.3 33.5

120 18.6 16.9 25.3

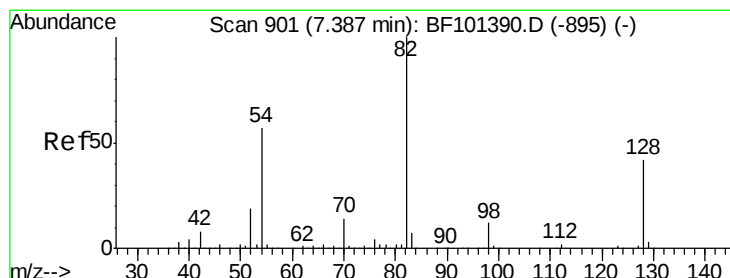
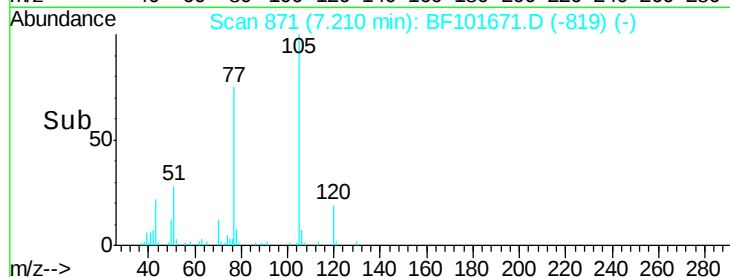
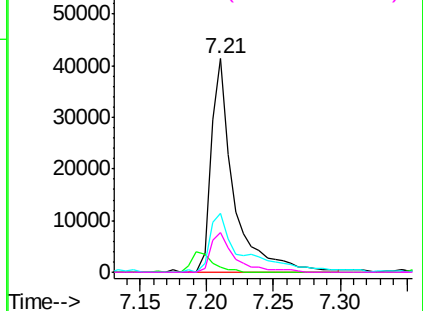


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 8.841 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

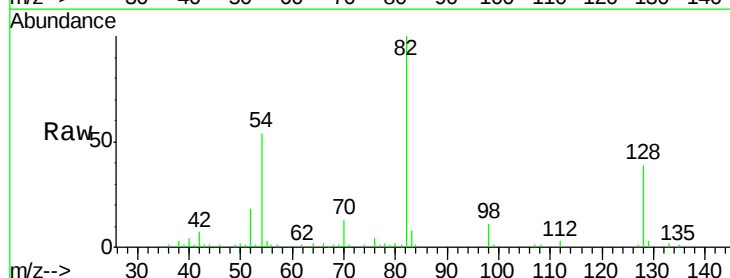
Tgt Ion: 82 Resp: 82262

Ion Ratio Lower Upper

82 100

128 39.4 36.1 54.1

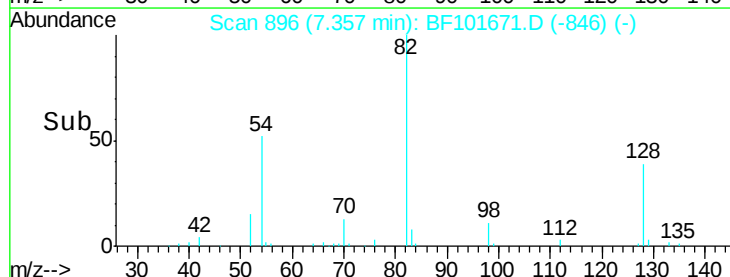
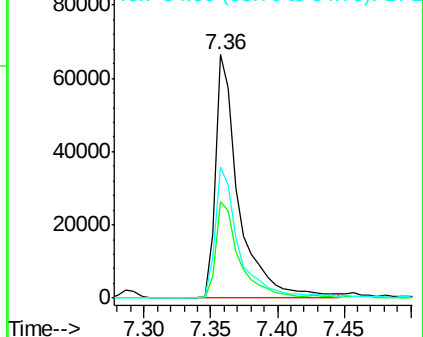
54 53.8 41.4 62.2

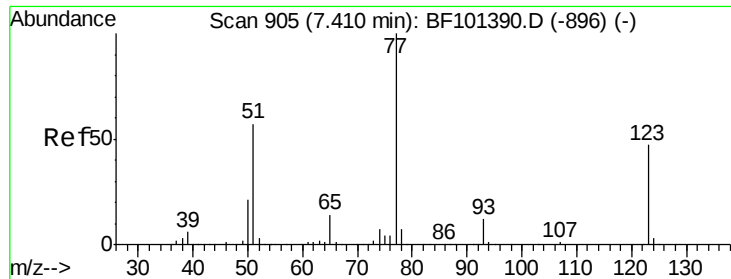


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 3.104 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

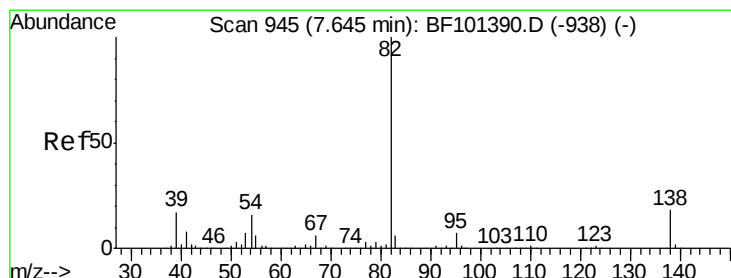
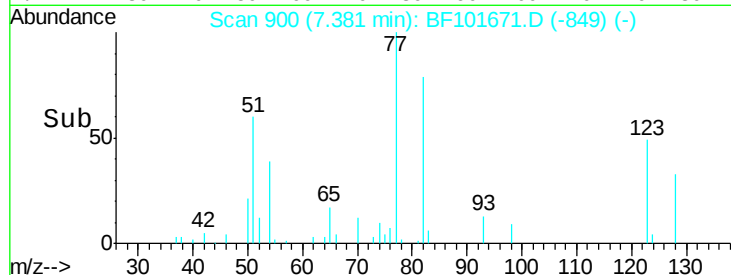
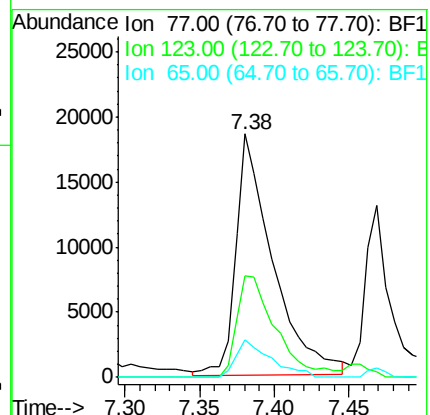
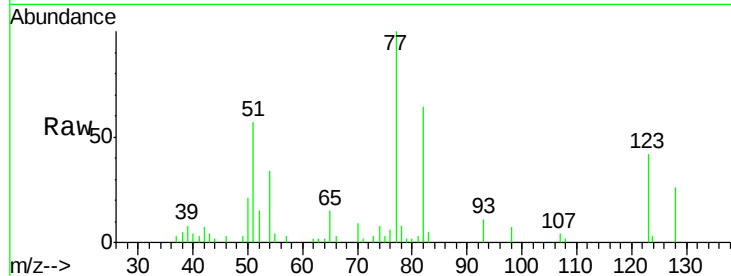
Tot Ion: 77 Resp: 31959

Ion Ratio Lower Upper

77 100

123 41.5 37.9 56.9

65 15.2 11.0 16.4



#25

Isophorone

Concen: 3.640 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

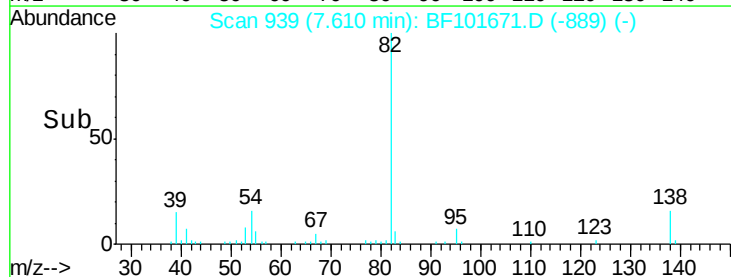
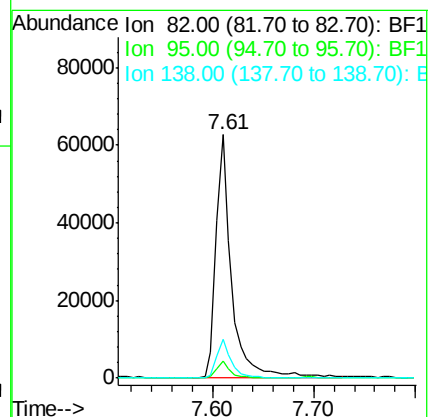
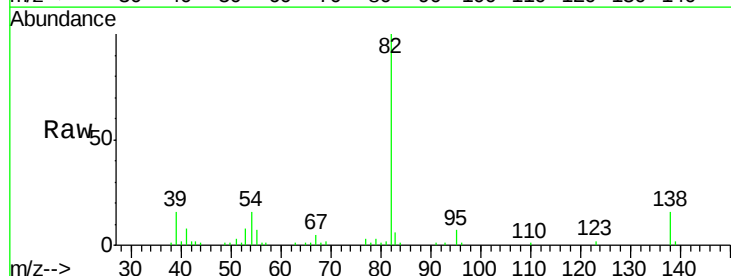
Tgt Ion: 82 Resp: 67933

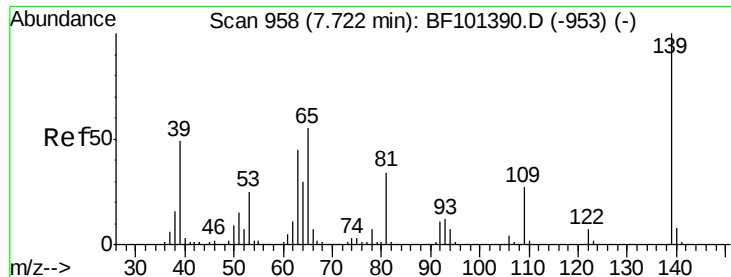
Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 16.1 14.9 22.3

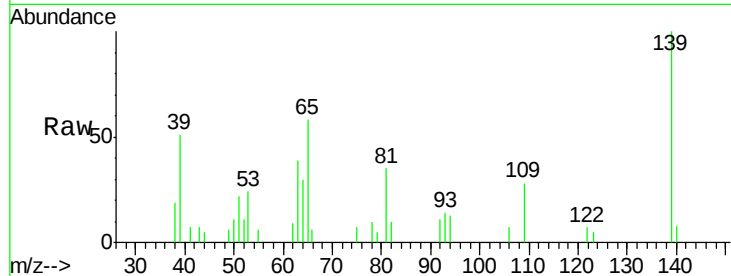




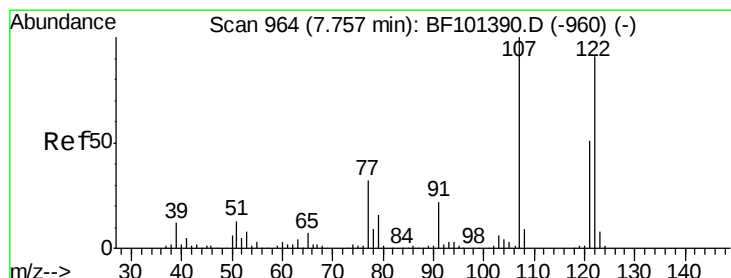
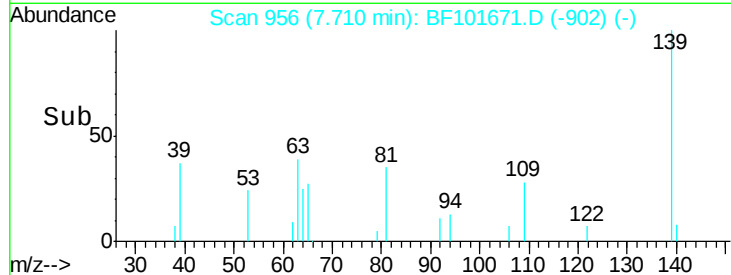
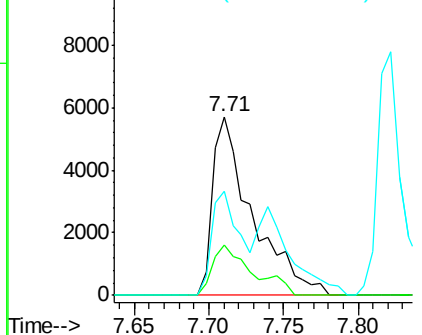
#26
2-Nitrophenol
Concen: 2.385 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.02 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:139 Resp: 10552
Ion Ratio Lower Upper
139 100
109 28.3 22.7 34.1
65 58.2 40.5 60.7

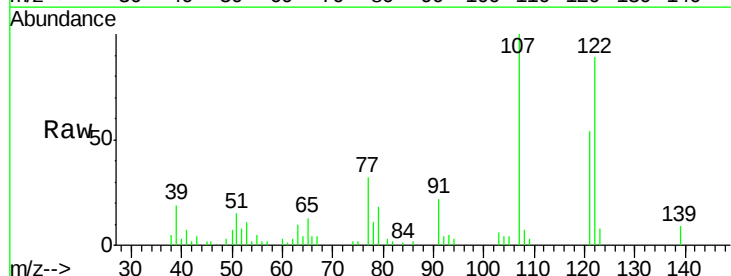


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

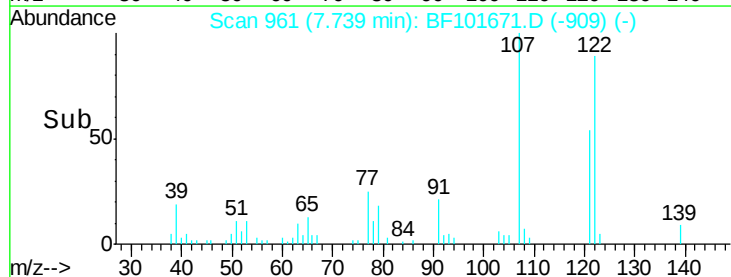
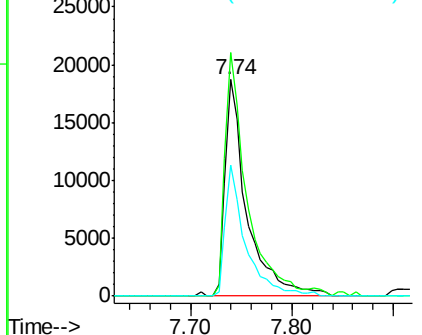


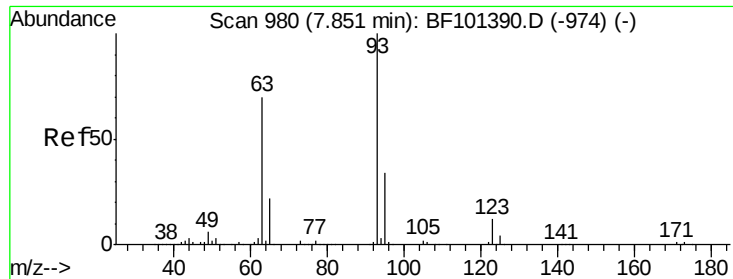
#27
2,4-Dimethylphenol
Concen: 3.729 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:122 Resp: 28023
Ion Ratio Lower Upper
122 100
107 112.4 91.2 136.8
121 60.2 47.2 70.8



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

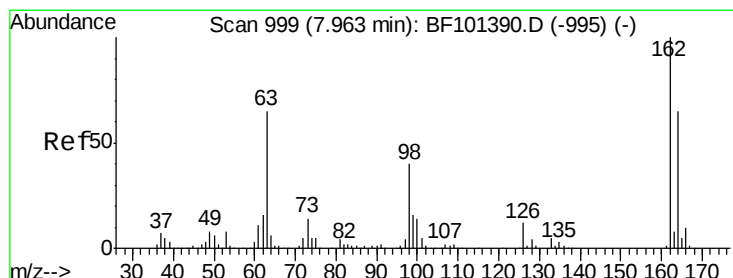
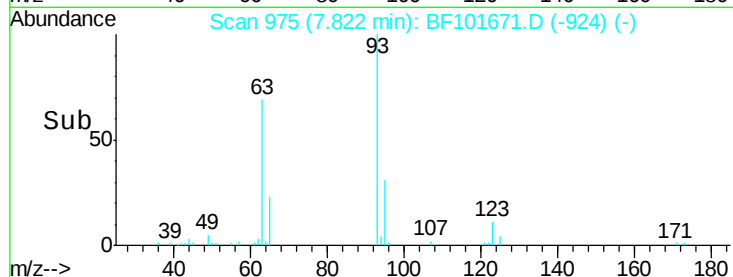
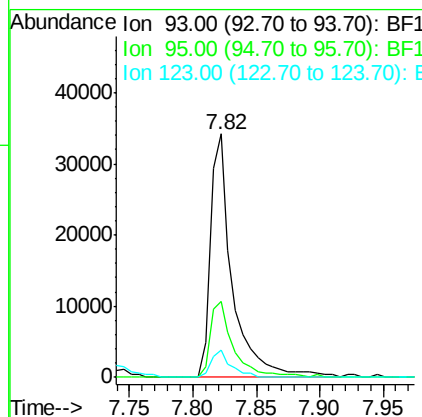
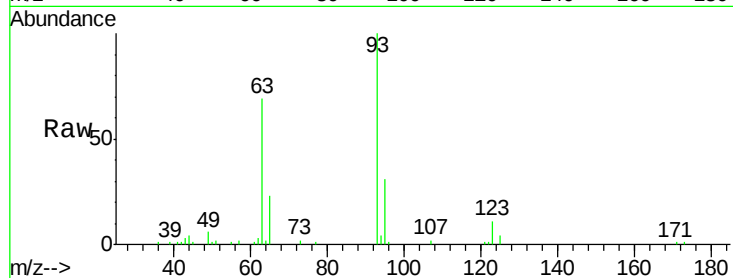




#28
bis(2-Chloroethoxy)methane
Concen: 3.507 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

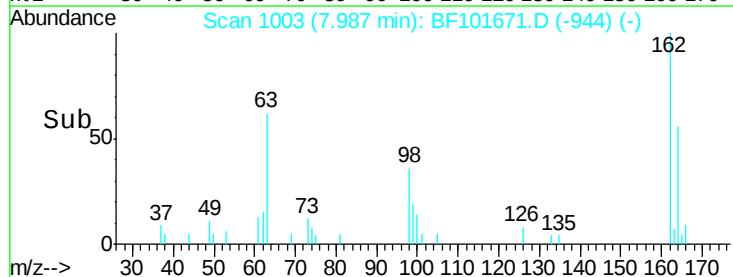
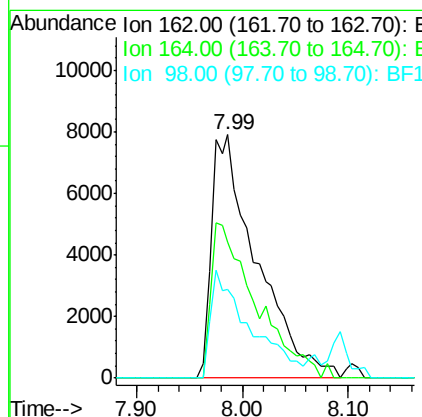
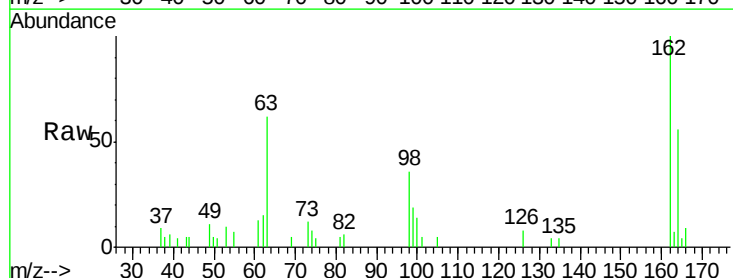
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

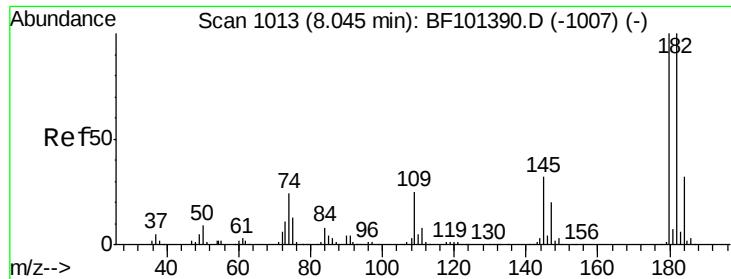
Tot Ion: 93 Resp: 41580
Ion Ratio Lower Upper
93 100
95 31.1 26.3 39.5
123 11.4 9.8 14.6



#29
2,4-Dichlorophenol
Concen: 3.164 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.05 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion: 162 Resp: 23491
Ion Ratio Lower Upper
162 100
164 55.8 42.7 82.7
98 36.3 18.1 58.1

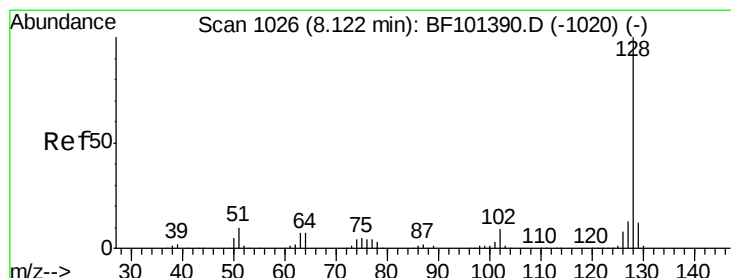
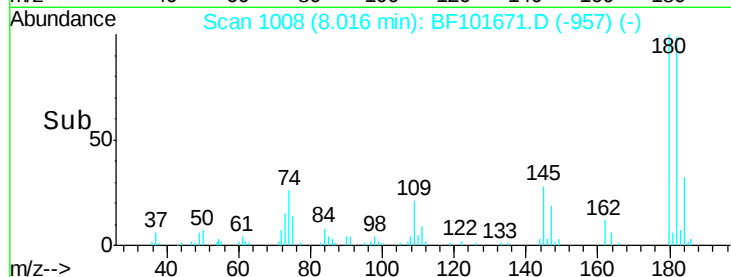
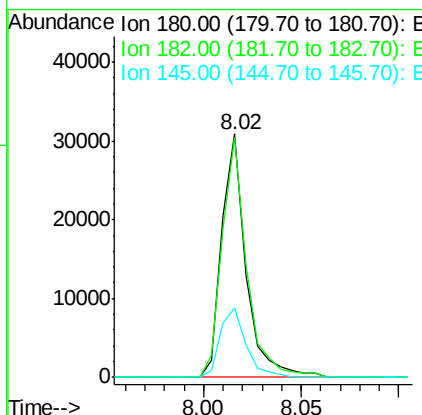
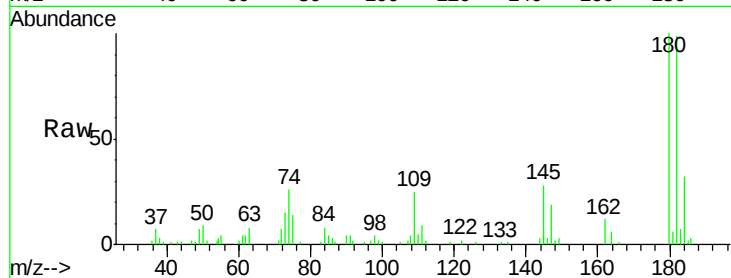




#30
 1,2,4-Trichlorobenzene
 Concen: 3.422 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

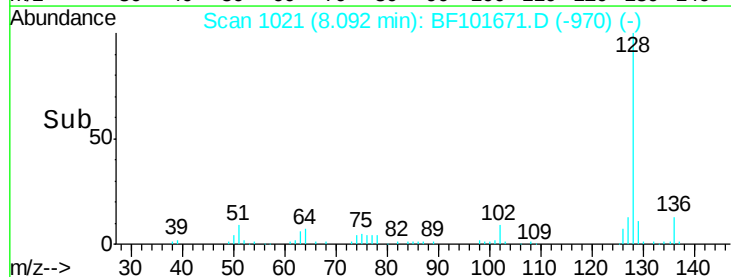
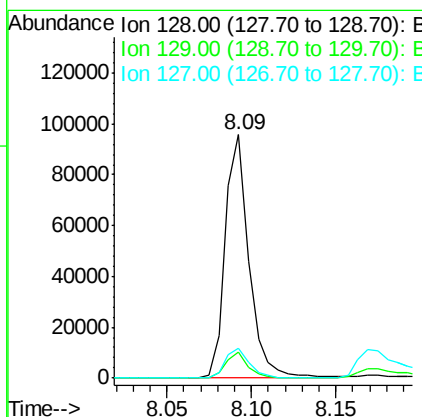
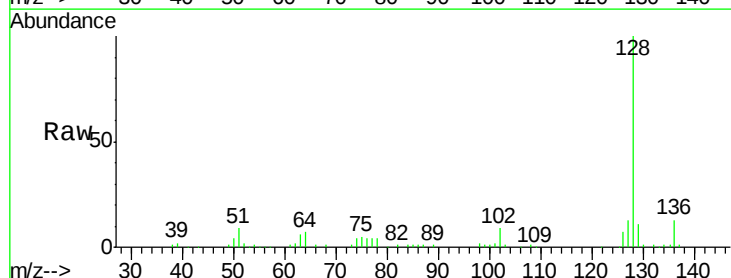
Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

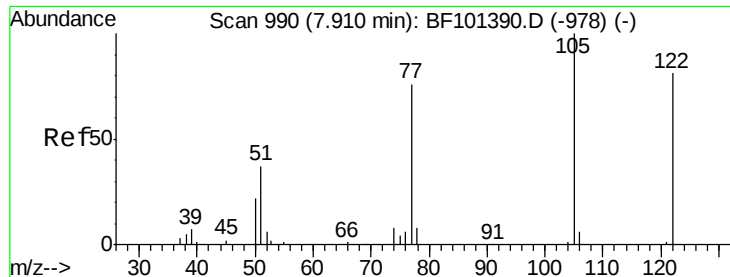
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	76.8	115.2
145	28.4	26.5	39.7



#31
 Naphthalene
 Concen: 3.600 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.5	10.9	16.3





#32

Benzoic acid

Concen: 8.113 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.02 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

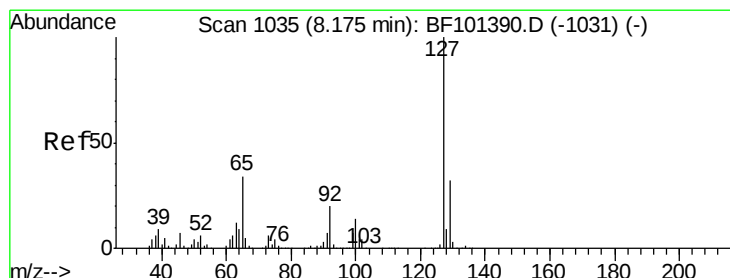
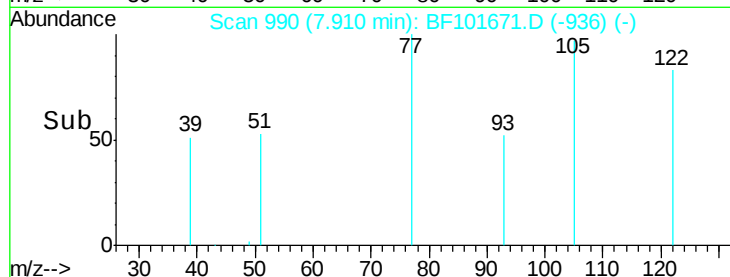
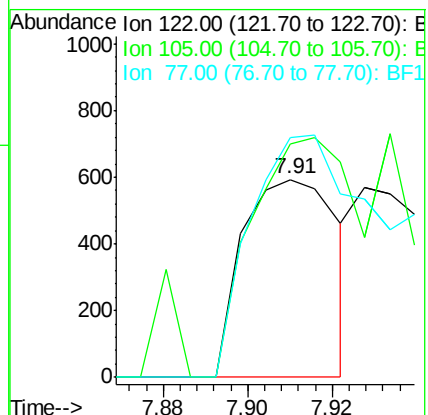
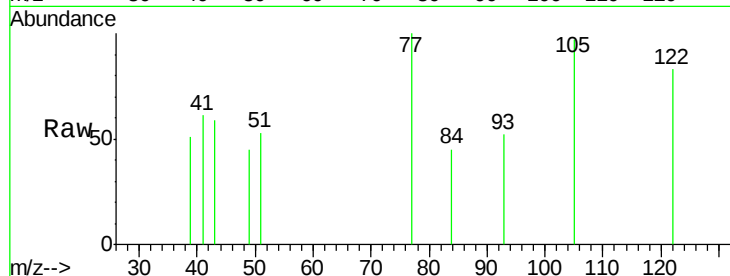
Tot Ion:122 Resp: 923

Ion Ratio Lower Upper

122 100

105 117.5 101.1 141.1

77 121.0 70.7 110.7#



#33

4-Chloroaniline

Concen: 2.014 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.02 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Tgt Ion:127 Resp: 22824

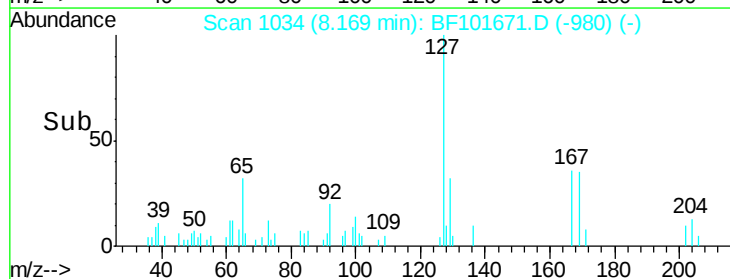
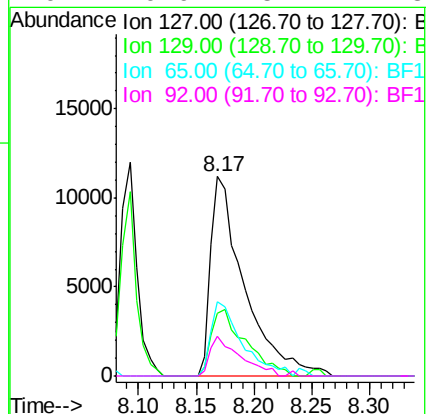
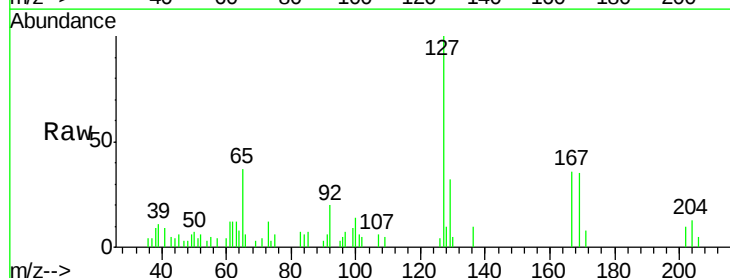
Ion Ratio Lower Upper

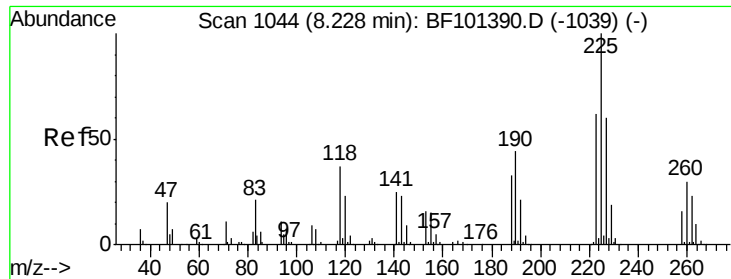
127 100

129 31.6 25.9 38.9

65 37.0 25.0 37.4

92 19.9 15.2 22.8

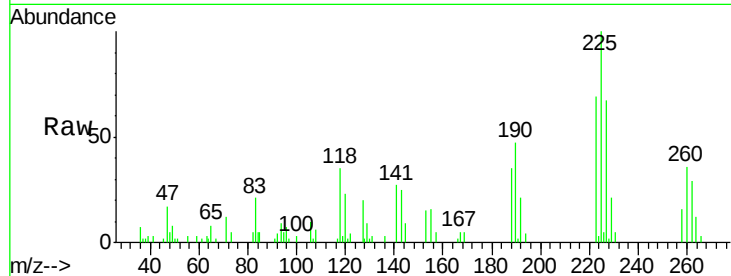




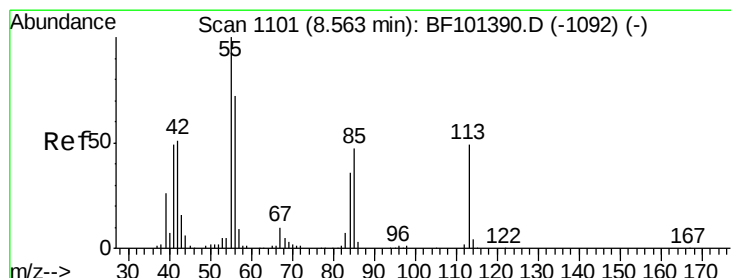
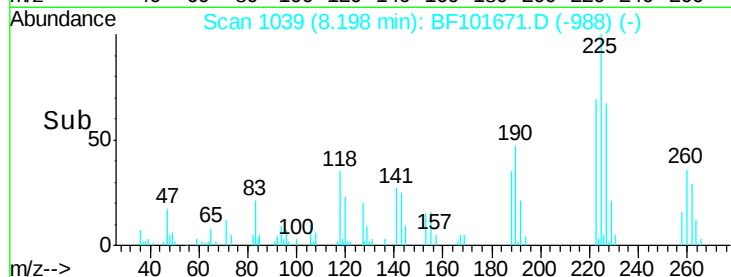
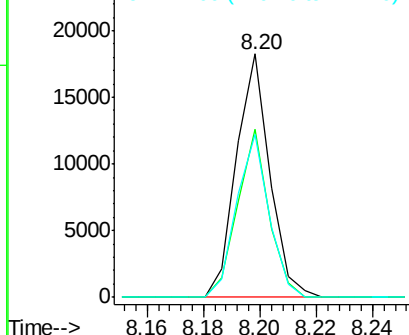
#34
Hexachlorobutadiene
Concen: 3.305 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:225 Resp: 14980
Ion Ratio Lower Upper
225 100
223 68.9 50.6 76.0
227 66.9 51.9 77.9

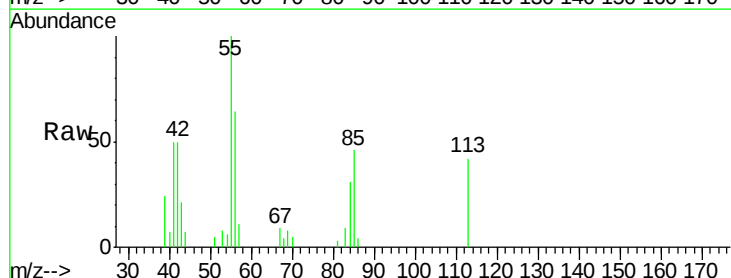


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

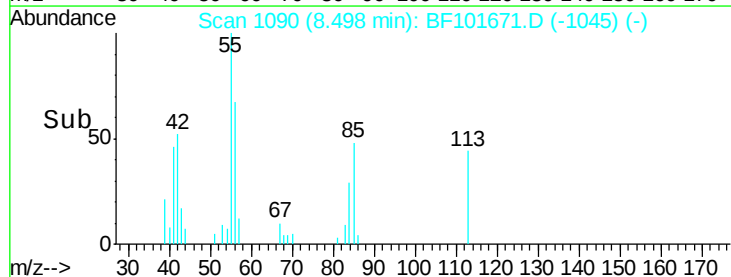
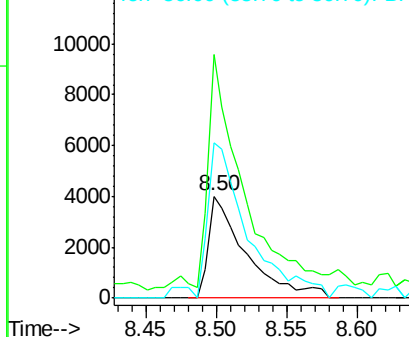


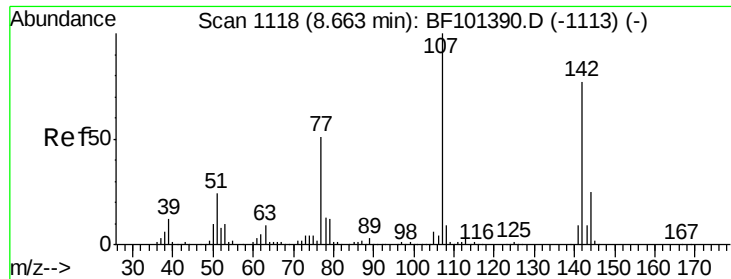
#35
Caprolactam
Concen: 2.878 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.04 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:113 Resp: 7421
Ion Ratio Lower Upper
113 100
55 238.4 163.3 203.3#
56 152.5 115.7 155.7



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

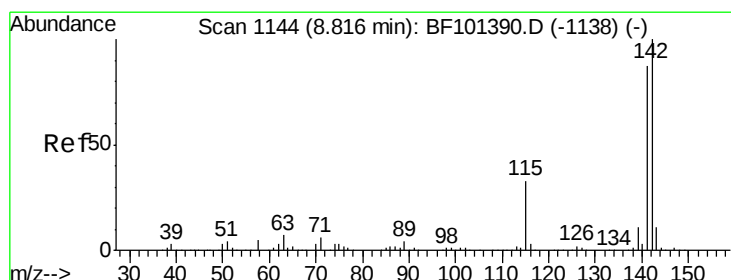
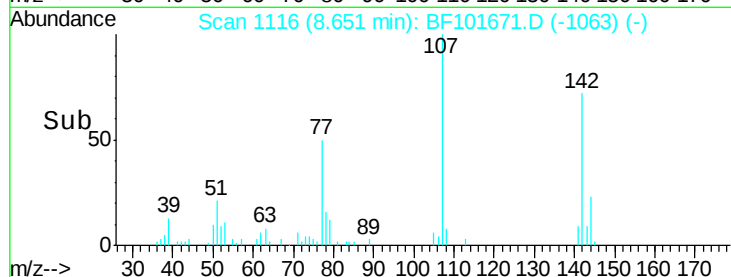
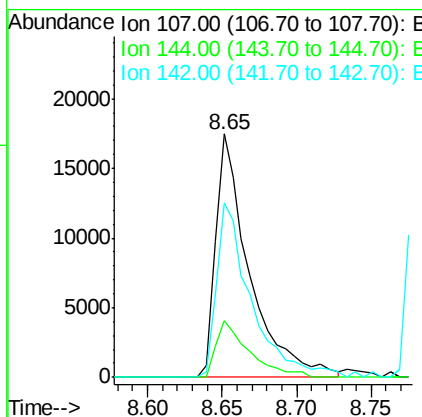
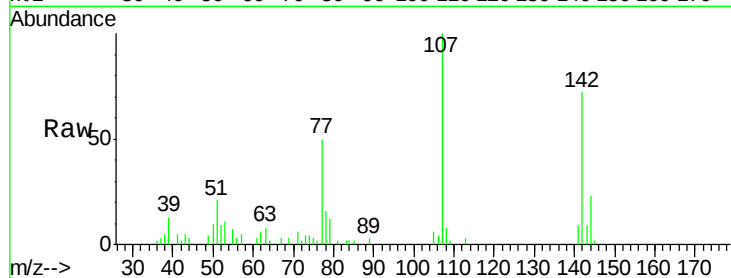




#36
 4-Chloro-3-methylphenol
 Concen: 3.363 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

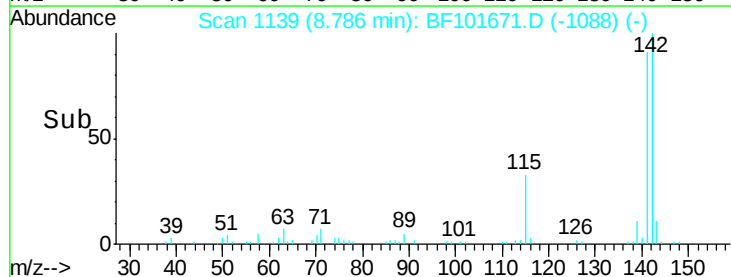
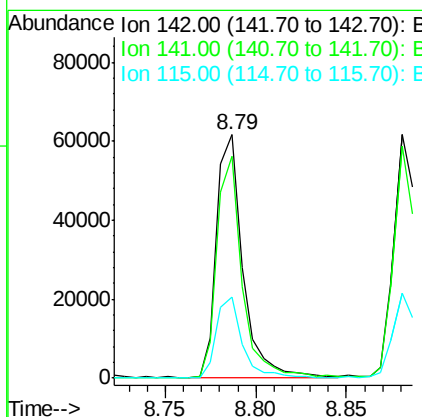
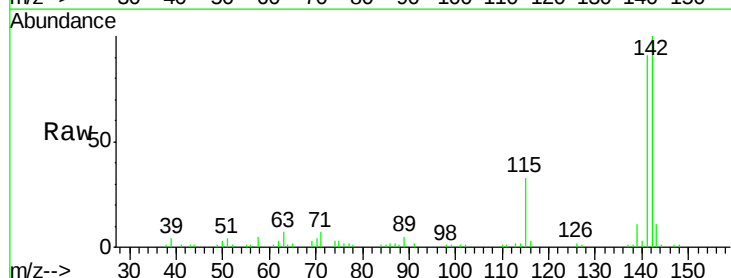
Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

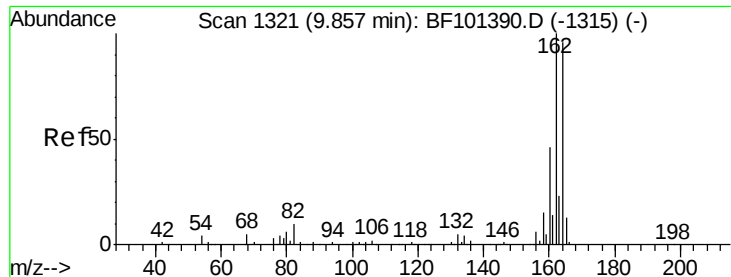
Tot Ion:107 Resp: 27449
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.5 30.7
 142 71.8 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 3.708 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion:142 Resp: 62998
 Ion Ratio Lower Upper
 142 100
 141 90.9 70.8 106.2
 115 33.4 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

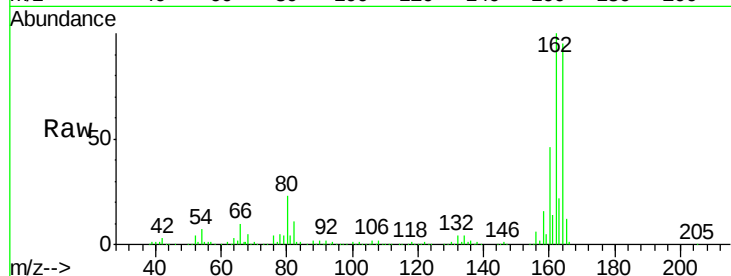
Tot Ion:164 Resp: 199100

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

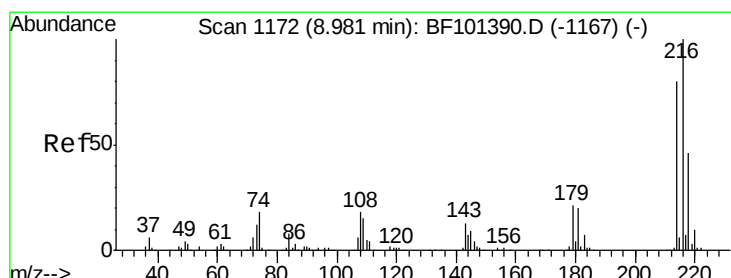
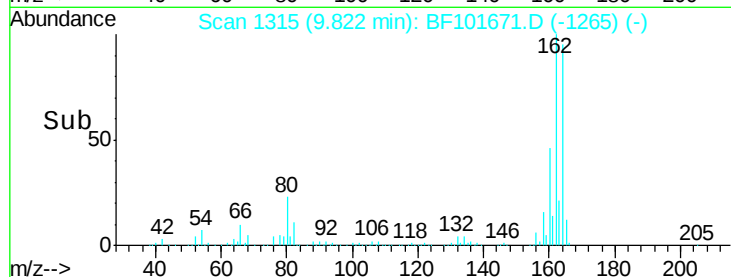
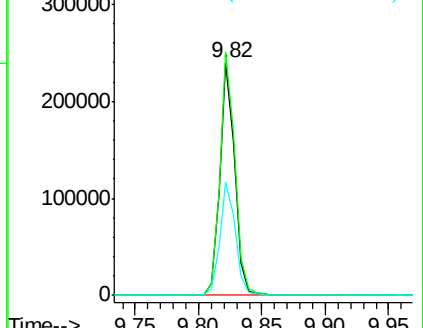
160 48.6 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.160 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Tgt Ion:216 Resp: 27964

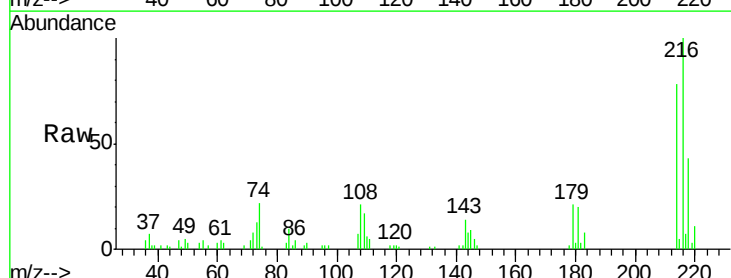
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 20.0 18.1 27.1

108 18.2 17.2 25.8

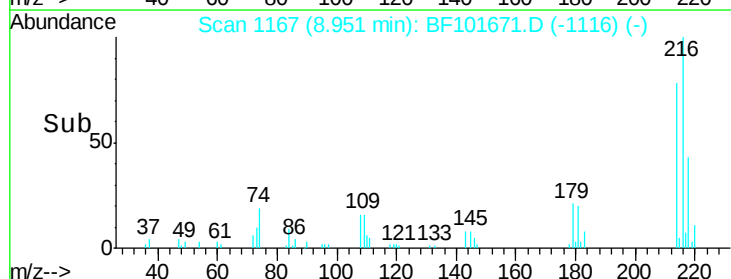
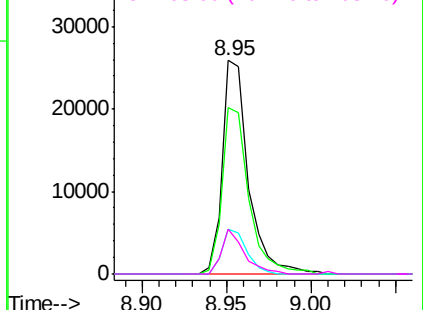


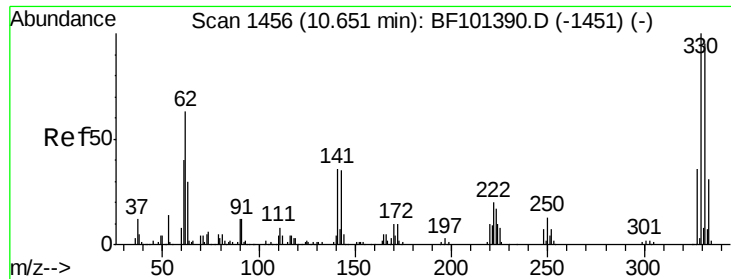
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

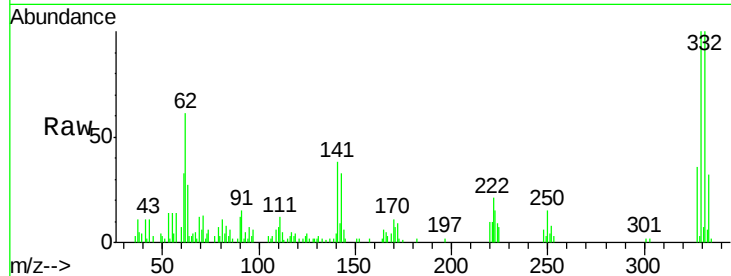




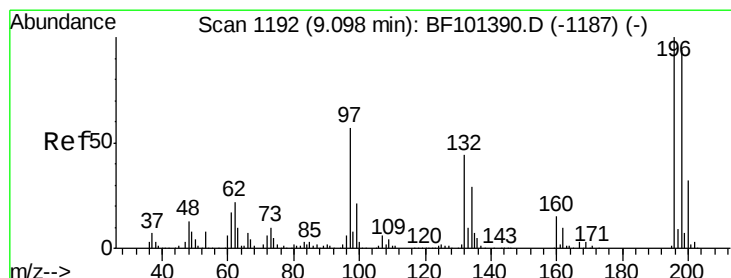
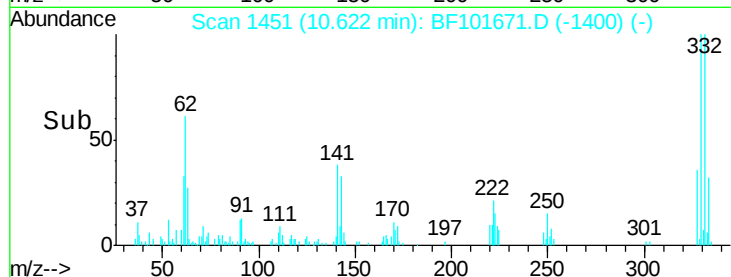
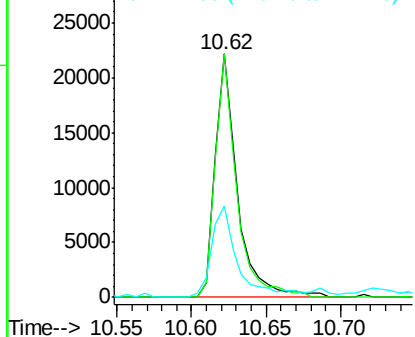
#41
 2,4,6-Tribromophenol
 Concen: 12.063 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Tot Ion:330 Resp: 23142
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 43.8 29.9 44.9

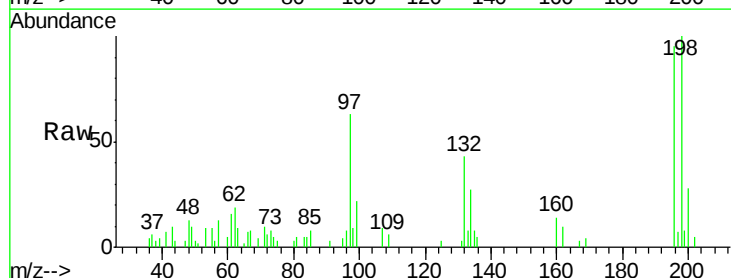


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

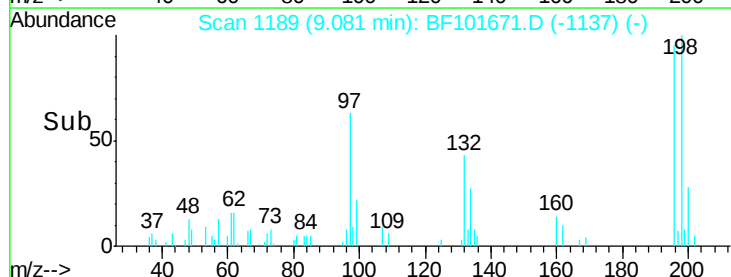
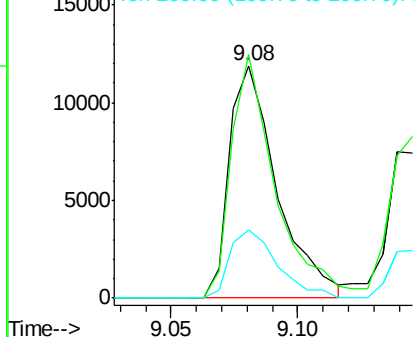


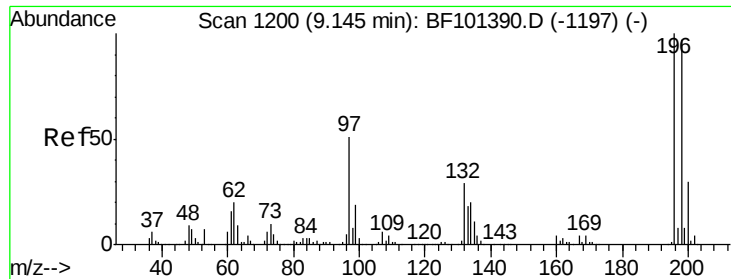
#42
 2,4,6-Trichlorophenol
 Concen: 3.849 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion:196 Resp: 15576
 Ion Ratio Lower Upper
 196 100
 198 104.9 75.7 113.5
 200 29.6 24.5 36.7



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

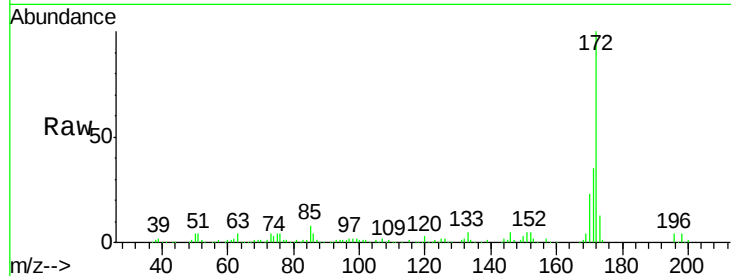




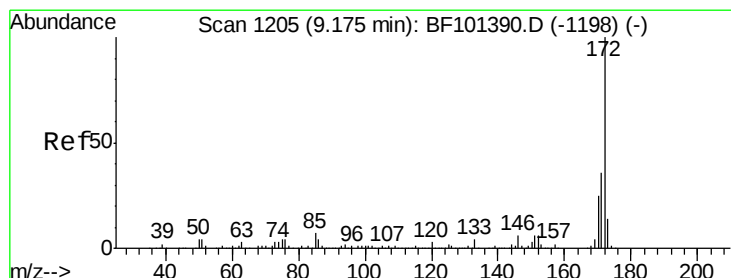
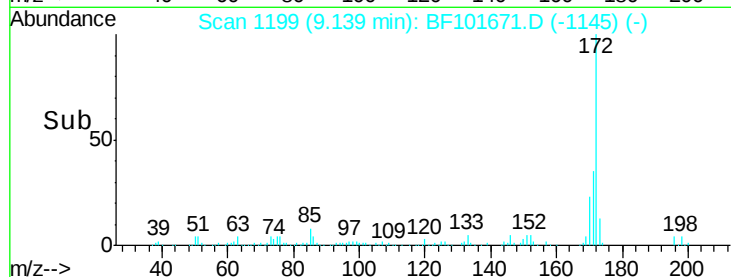
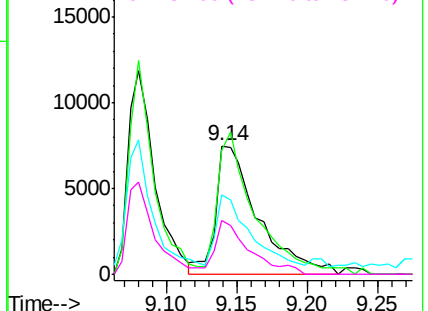
#43
 2,4,5-Trichlorophenol
 Concen: 3.540 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.02 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	74.6	112.0
97	61.9	42.9	64.3
132	41.9	26.3	39.5

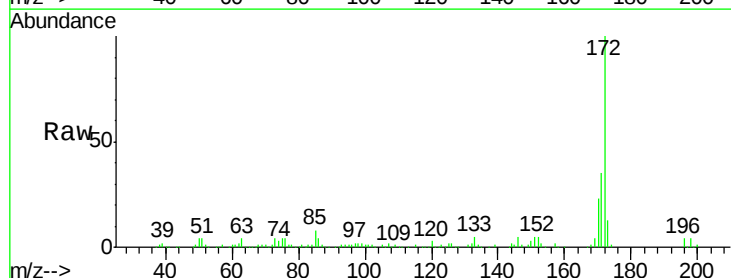


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

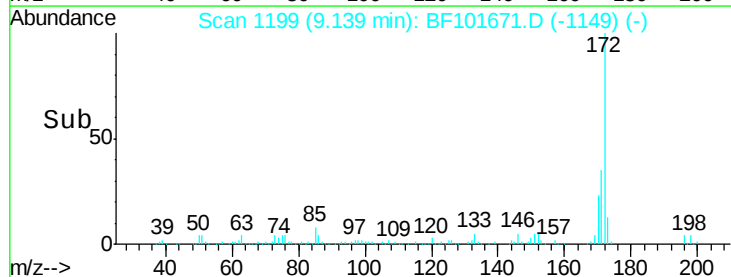
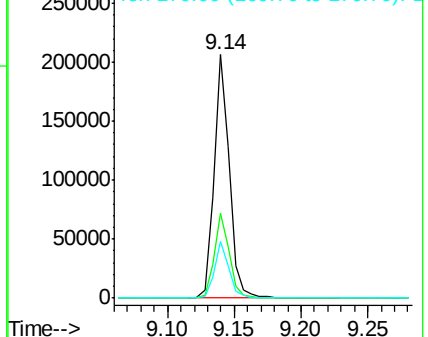


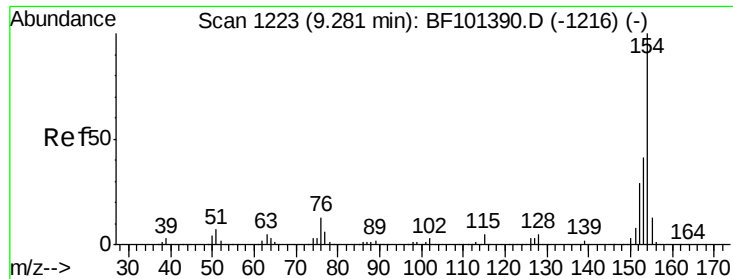
#44
 2-Fluorobiphenyl
 Concen: 12.981 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.3	19.6	29.4



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

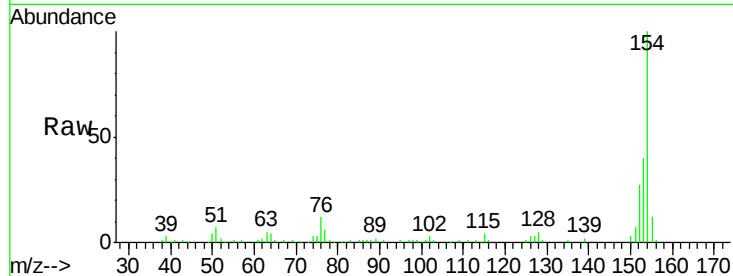




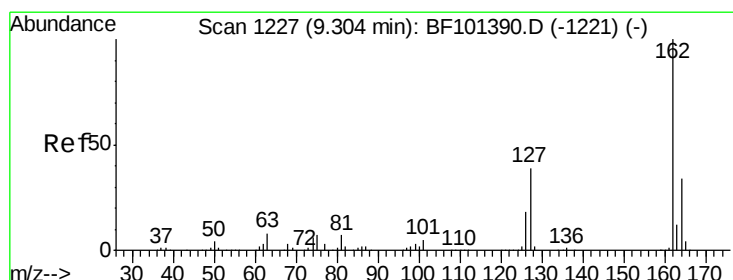
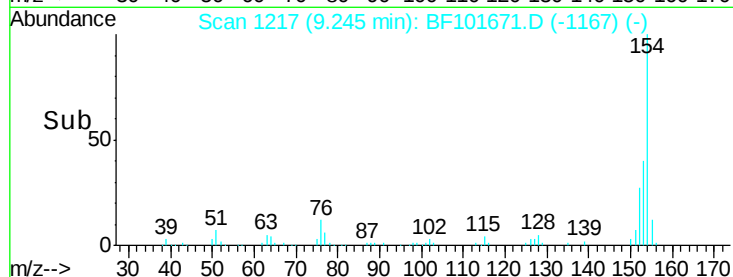
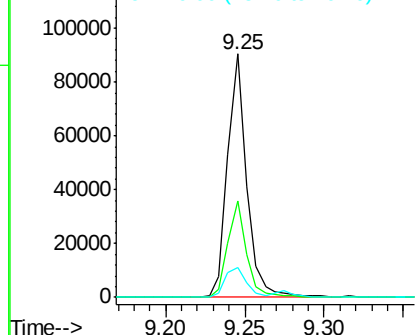
#45
 1,1'-Biphenyl
 Concen: 4.308 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Tot Ion:154 Resp: 76071
 Ion Ratio Lower Upper
 154 100
 153 39.5 21.3 61.3
 76 12.4 0.0 34.0

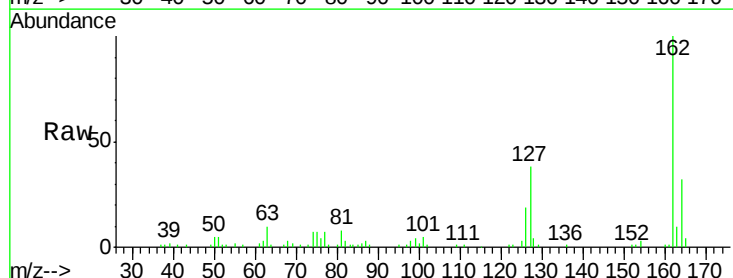


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

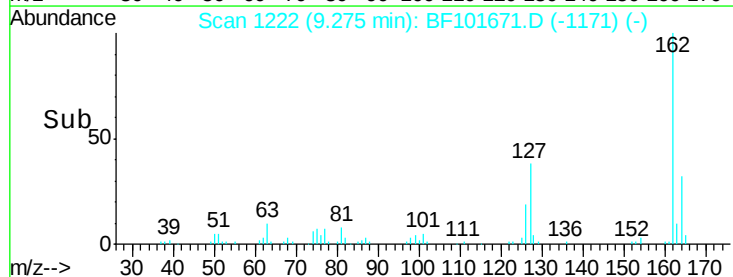
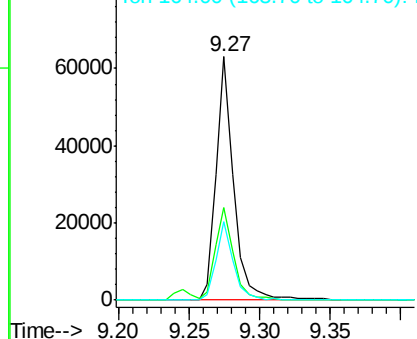


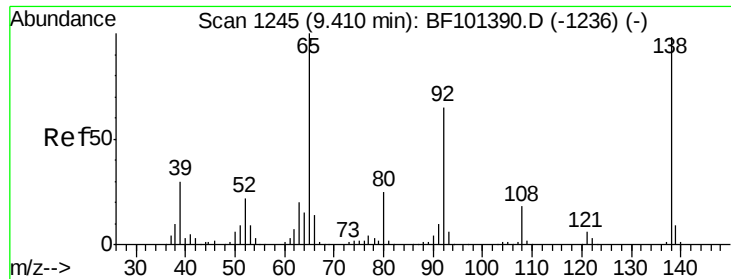
#46
 2-Chloronaphthalene
 Concen: 4.049 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion:162 Resp: 54709
 Ion Ratio Lower Upper
 162 100
 127 37.9 33.9 50.9
 164 32.3 26.5 39.7



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

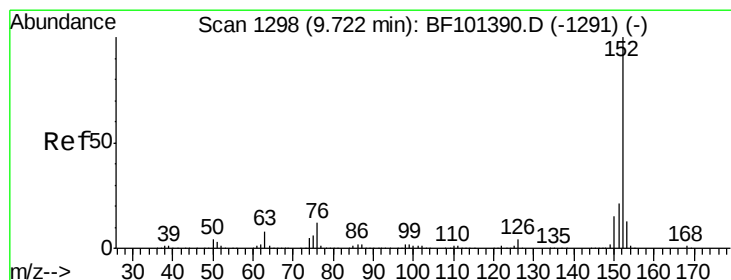
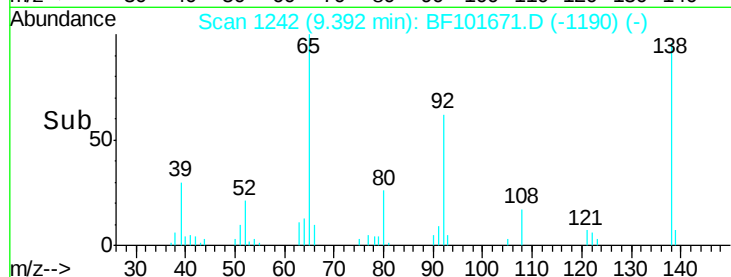
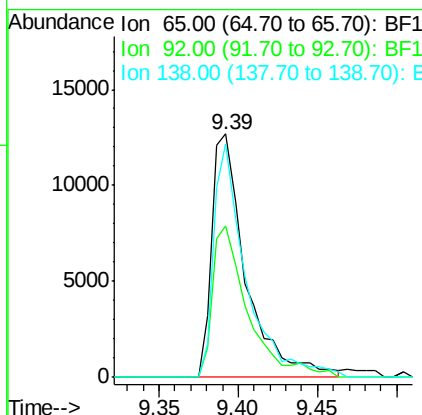
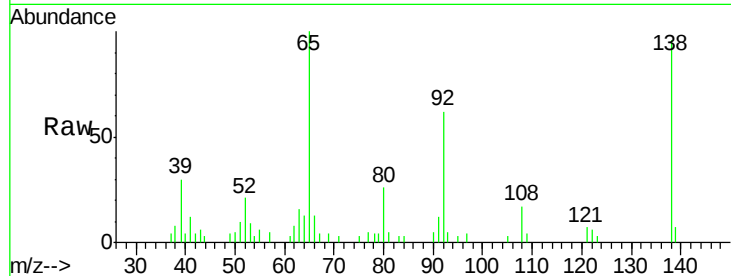




#47
2-Nitroaniline
Concen: 4.096 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

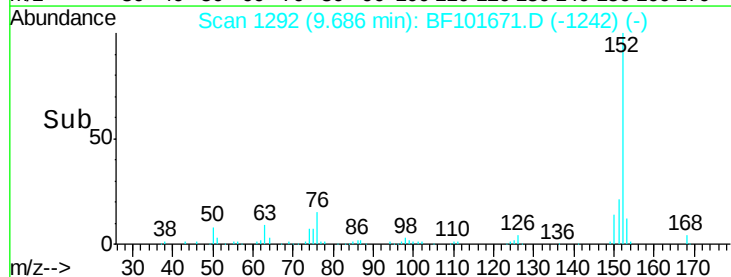
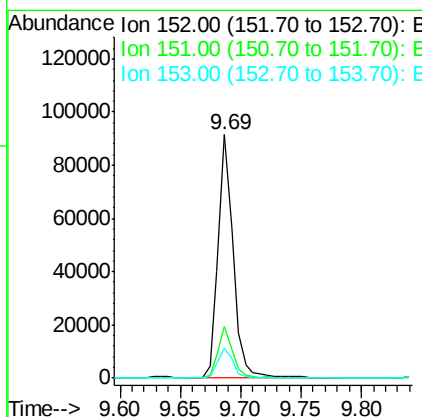
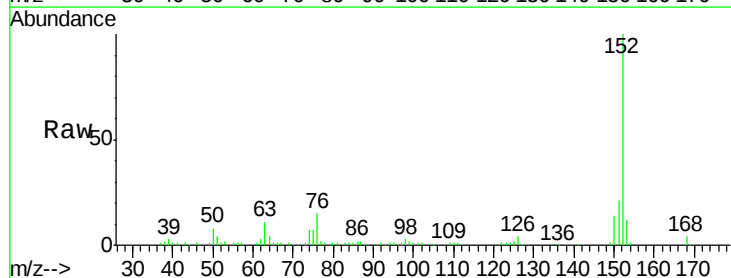
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

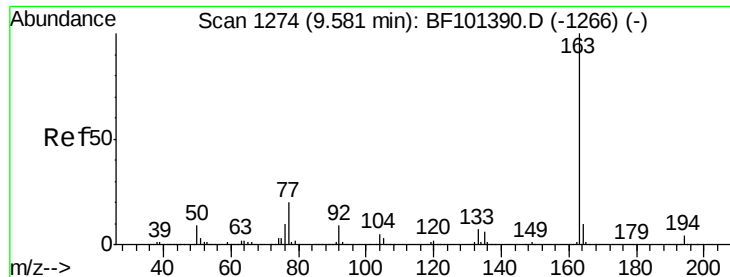
Tot Ion: 65 Resp: 19117
Ion Ratio Lower Upper
65 100
92 62.2 55.8 83.6
138 95.7 91.2 136.8



#48
Acenaphthylene
Concen: 3.680 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion: 152 Resp: 78535
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 12.4 10.7 16.1

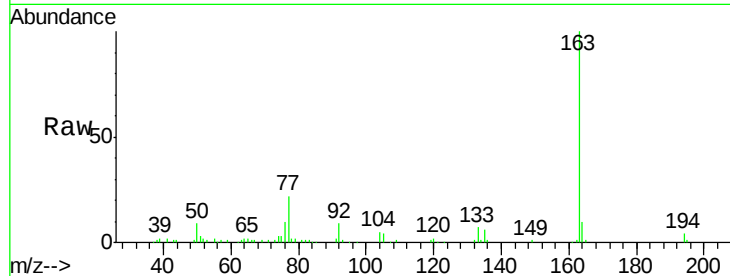




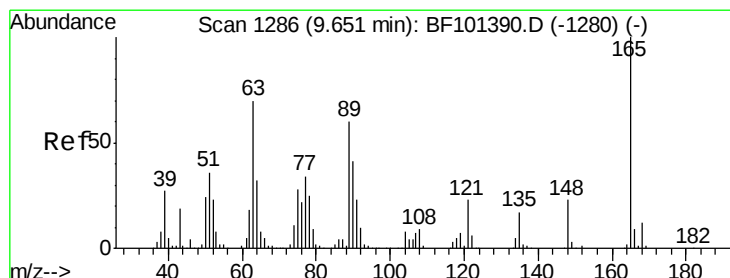
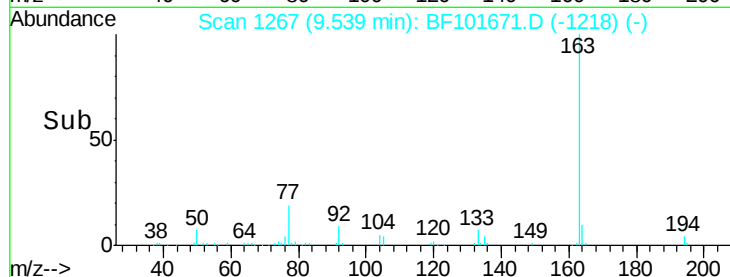
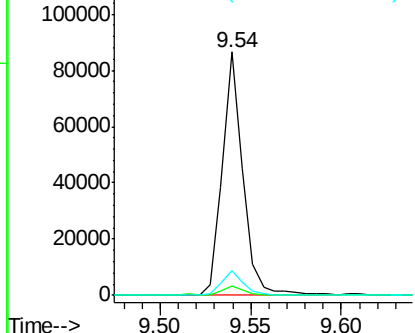
#49
Dimethylphthalate
Concen: 4.269 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:163 Resp: 68362
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.1 8.2 12.2

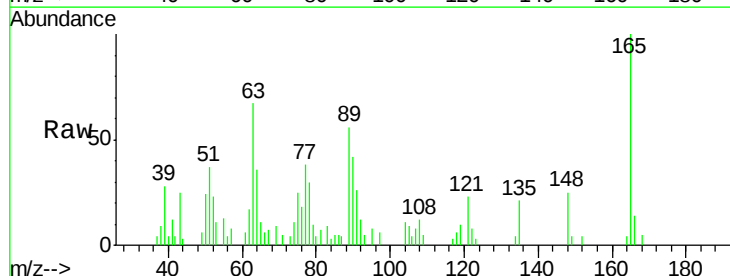


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

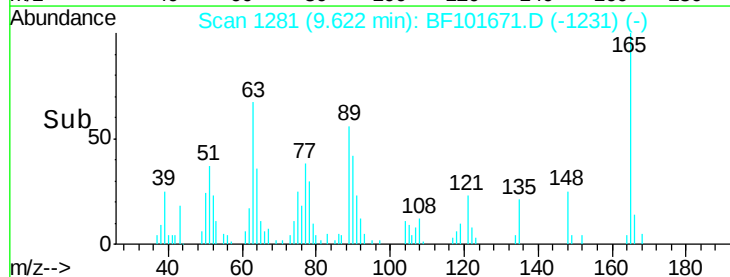
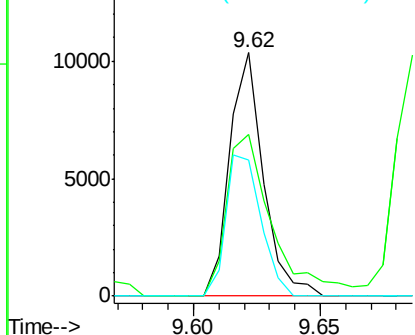


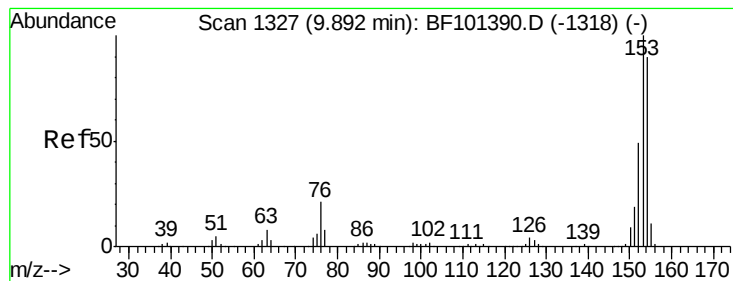
#50
2,6-Dinitrotoluene
Concen: 2.952 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:165 Resp: 9609
Ion Ratio Lower Upper
165 100
63 66.6 44.7 67.1
89 56.0 44.0 66.0



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





#51

Acenaphthene

Concen: 3.771 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

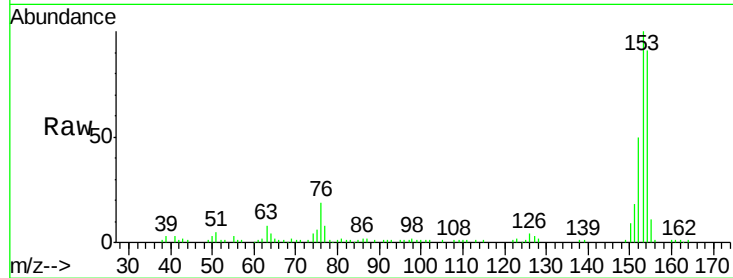
Tot Ion:154 Resp: 48345

Ion Ratio Lower Upper

154 100

153 110.4 91.2 136.8

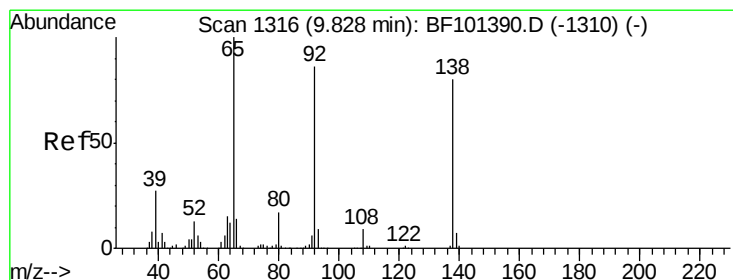
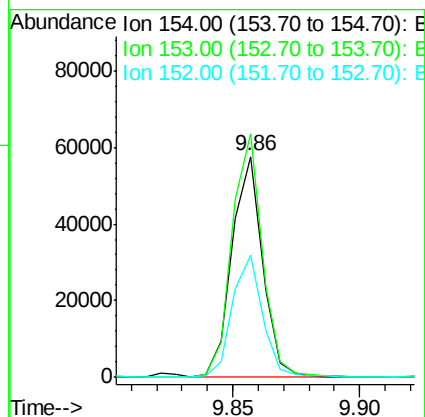
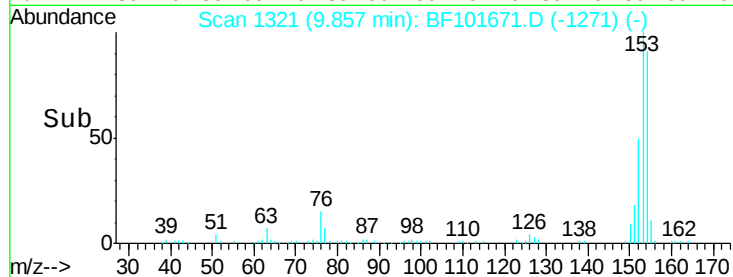
152 55.2 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.145 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

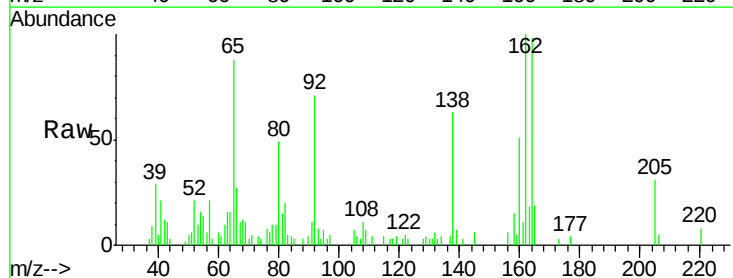
Tgt Ion:138 Resp: 12761

Ion Ratio Lower Upper

138 100

108 18.3 9.4 14.0#

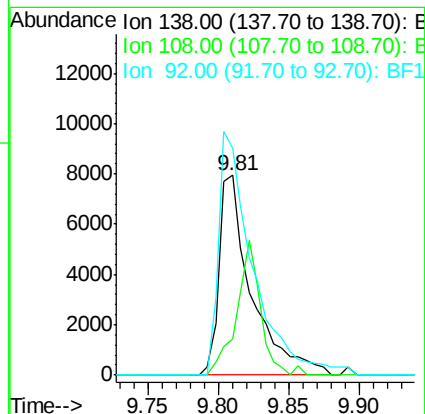
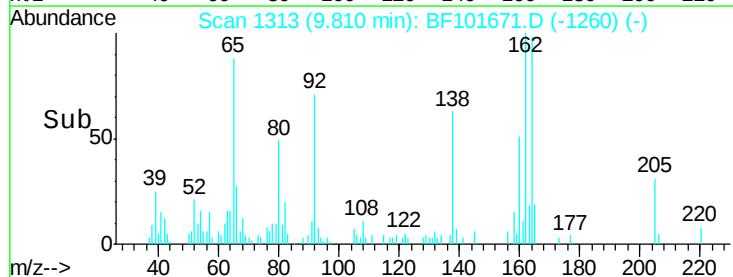
92 113.6 89.4 134.2

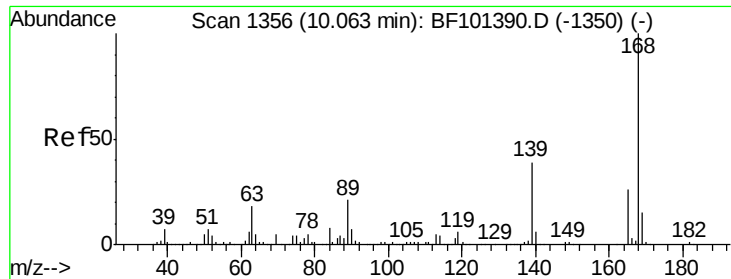


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

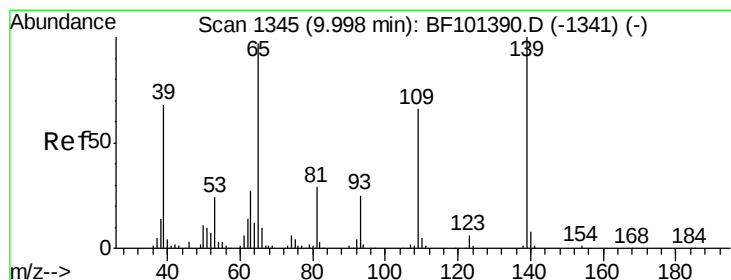
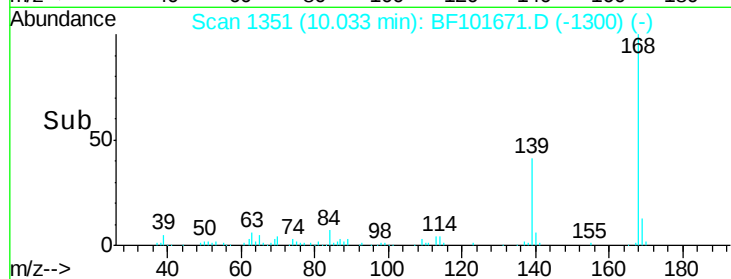
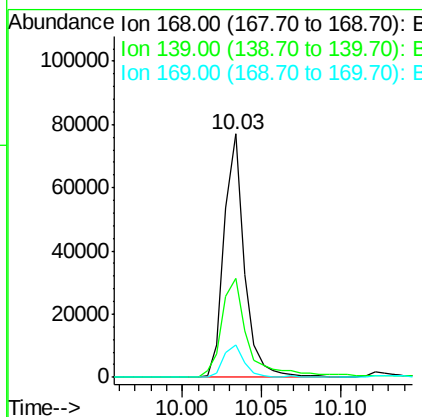
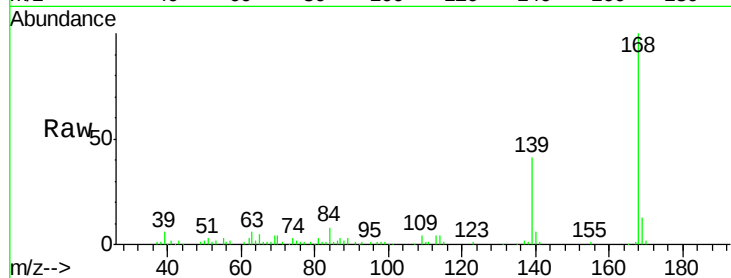




#54
Dibenzofuran
Concen: 4.194 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

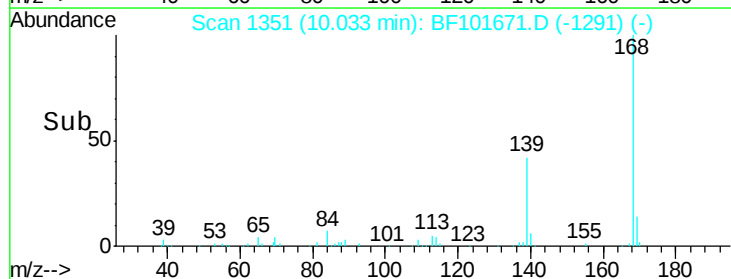
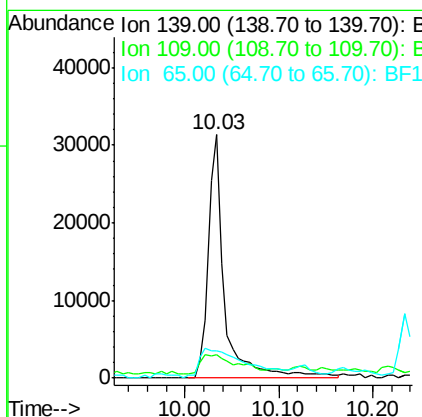
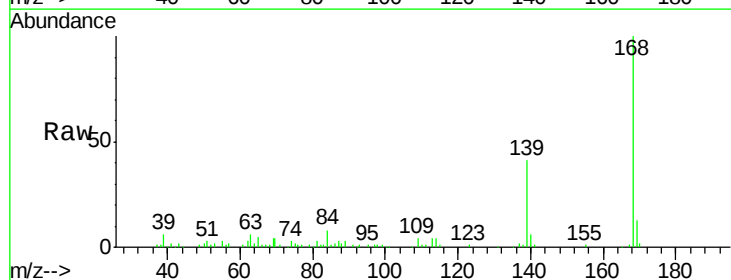
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

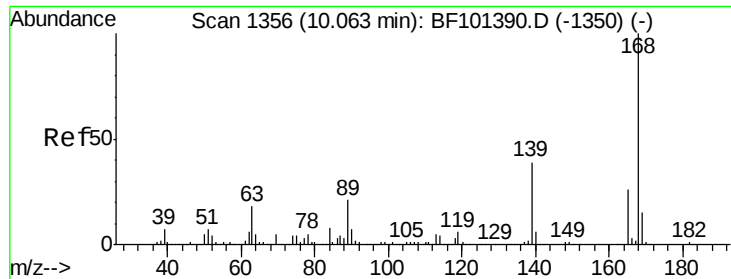
Tot Ion:168 Resp: 68334
Ion Ratio Lower Upper
168 100
139 40.7 30.1 45.1
169 13.3 10.9 16.3



#55
4-Nitrophenol
Concen: 21.805 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.05 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:139 Resp: 38584
Ion Ratio Lower Upper
139 100
109 9.5 48.4 88.4#
65 11.1 72.6 112.6#

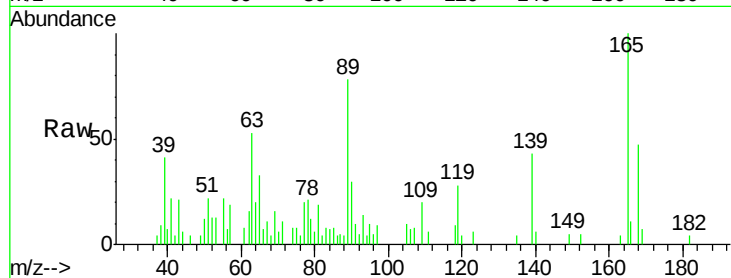




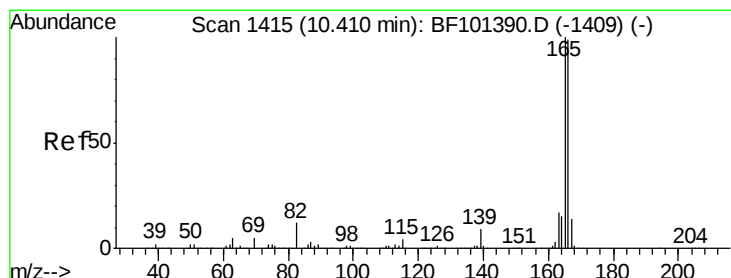
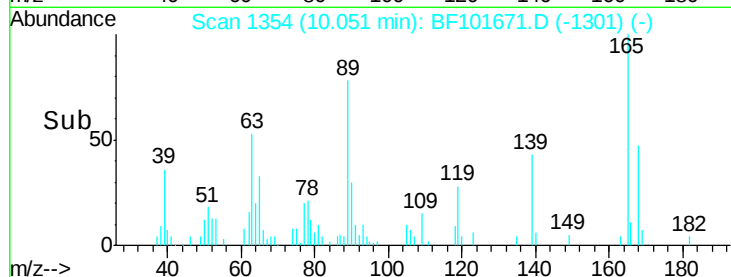
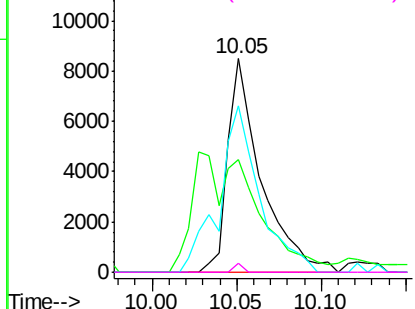
#56
2,4-Dinitrotoluene
Concen: 3.192 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:165 Resp: 11707
Ion Ratio Lower Upper
165 100
63 52.8 36.4 54.6
89 77.7 57.8 86.6
182 4.1 1.6 2.4#

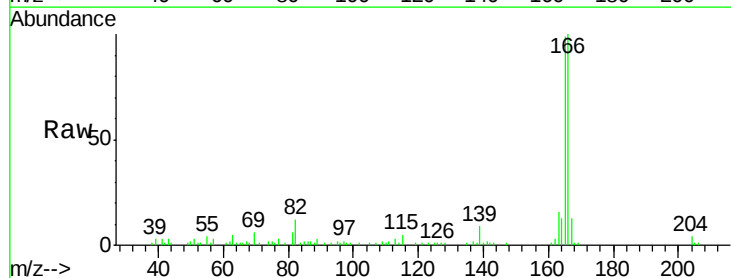


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

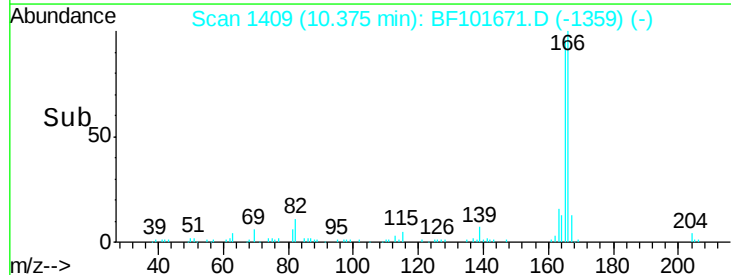
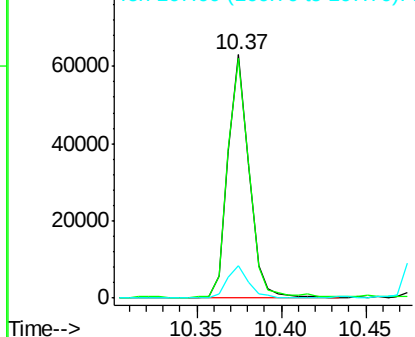


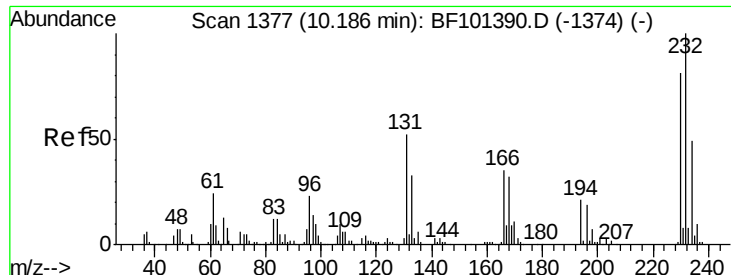
#57
Fluorene
Concen: 3.969 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:166 Resp: 54704
Ion Ratio Lower Upper
166 100
165 98.5 79.8 119.8
167 13.2 10.6 16.0



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

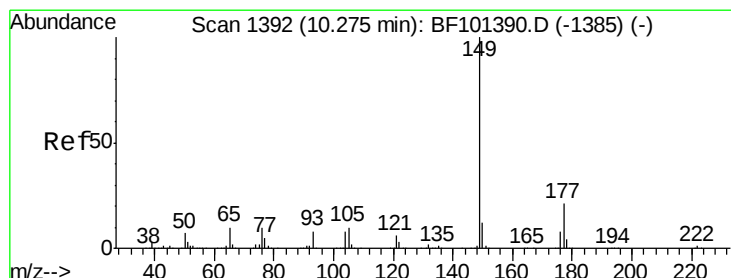
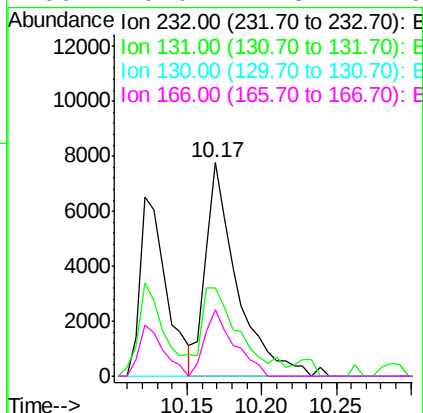
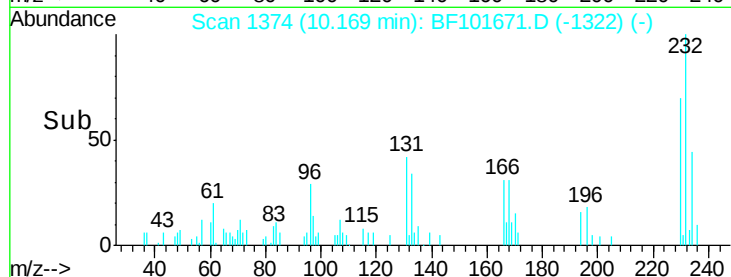
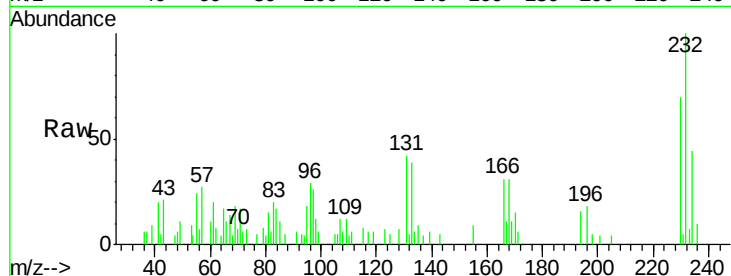




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.570 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

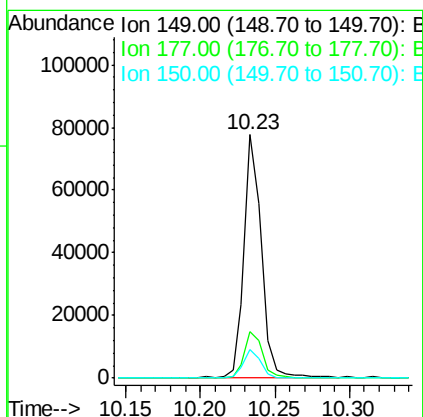
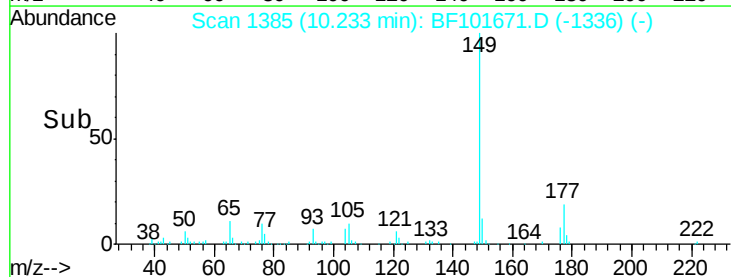
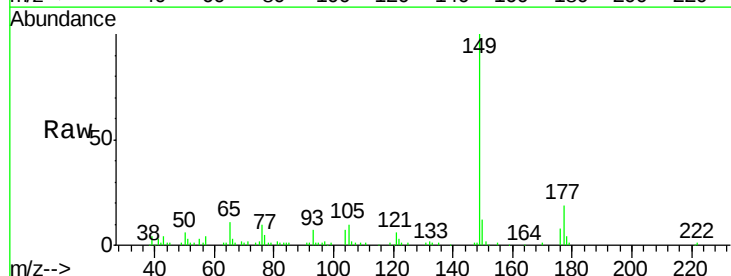
Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

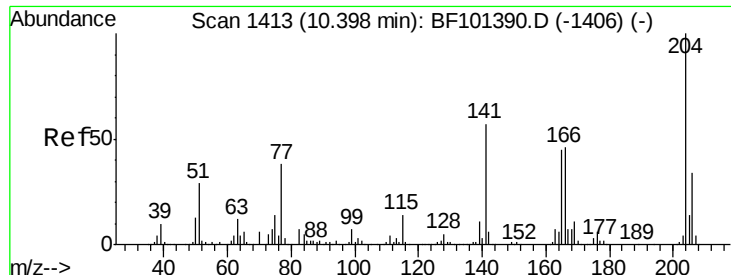
Tot Ion:	232	Resp:	11366
Ion	Ratio	Lower	Upper
232	100		
131	44.8	43.8	65.8
130	0.0	2.1	3.1#
166	29.0	27.8	41.6



#59
 Diethylphthalate
 Concen: 4.003 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion:	149	Resp:	63478
Ion	Ratio	Lower	Upper
149	100		
177	19.1	16.1	24.1
150	11.9	10.1	15.1

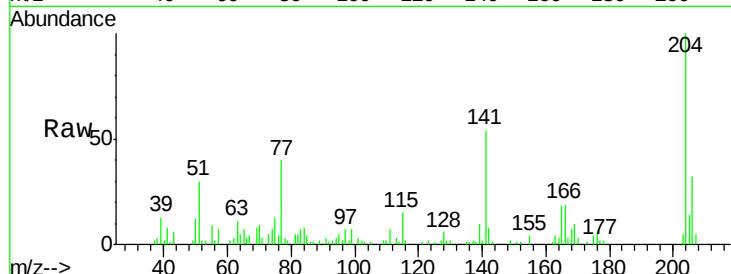




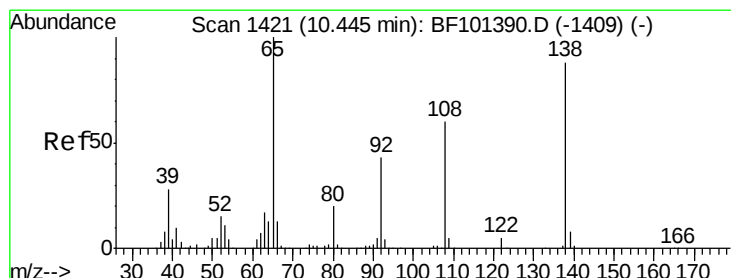
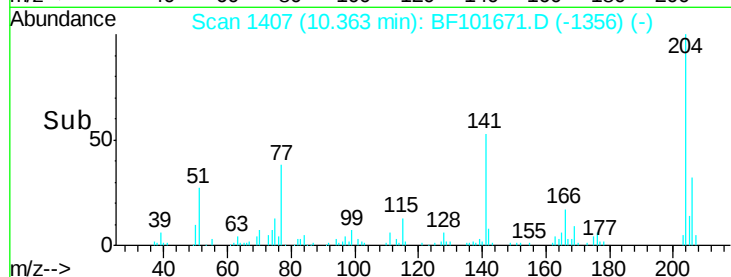
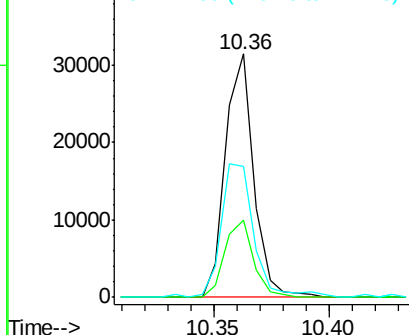
#60
4-Chlorophenyl-phenylether
Concen: 4.052 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

Tot Ion:204 Resp: 26763
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 53.5 54.6 81.8#

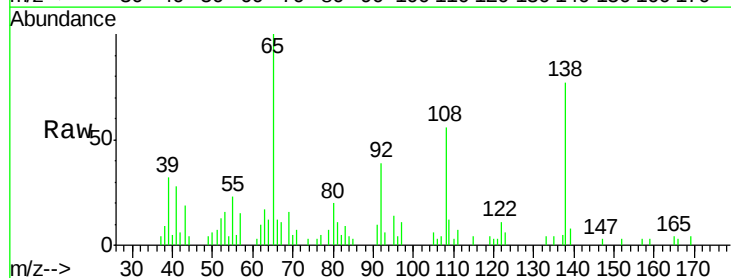


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

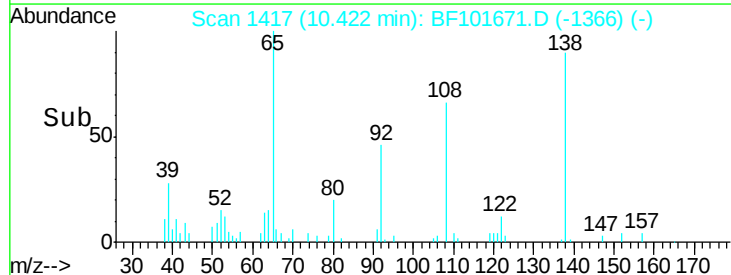
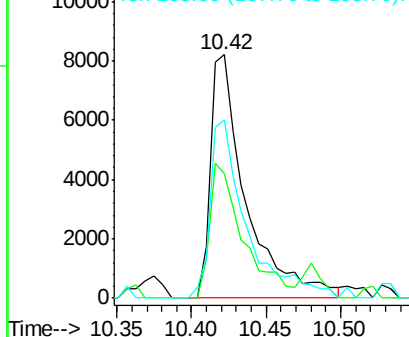


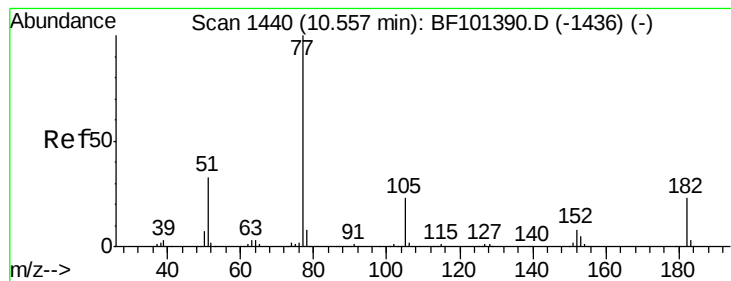
#61
4-Nitroaniline
Concen: 3.327 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:138 Resp: 13570
Ion Ratio Lower Upper
138 100
92 50.9 30.2 70.2
108 73.1 52.5 92.5



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





#62

Azobenzene

Concen: 3.306 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

Tot Ion: 77 Resp: 54313

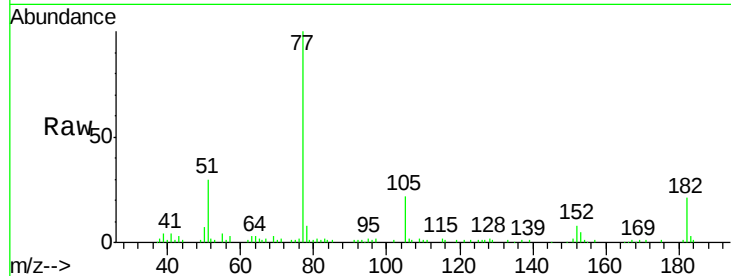
Ion Ratio Lower Upper

77 100

182 21.2 1.7 41.7

105 22.5 3.0 43.0

51 30.0 9.9 49.9

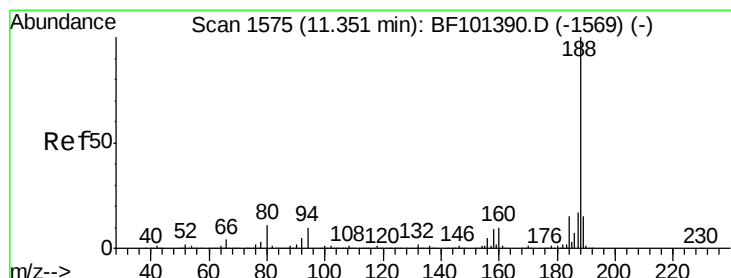
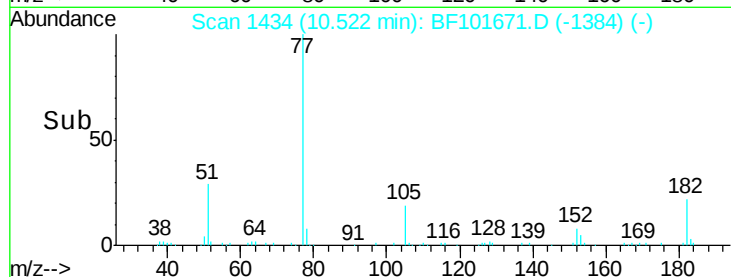
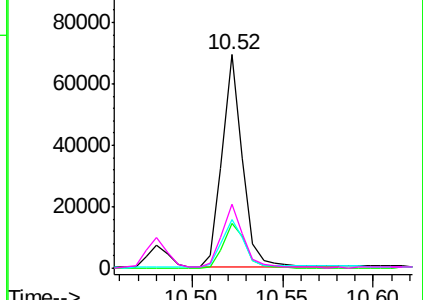


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

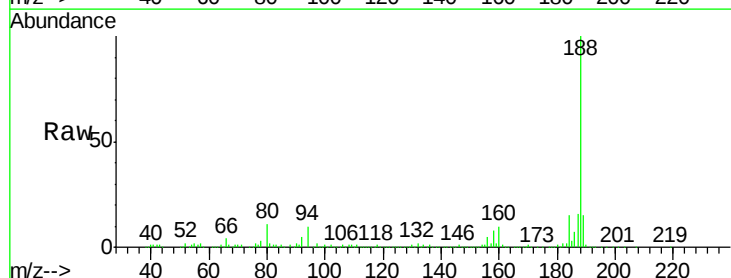
Tgt Ion: 188 Resp: 319553

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

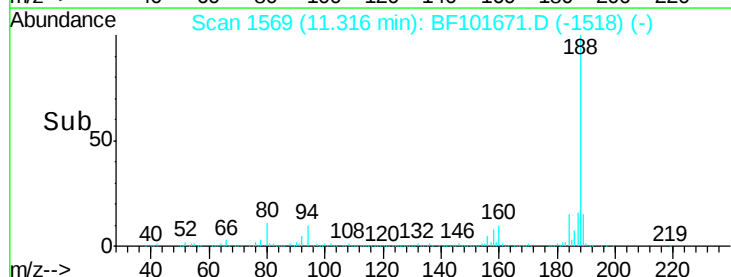
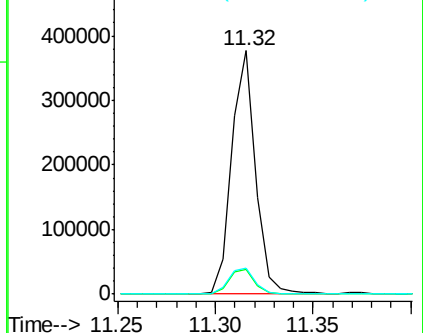
80 10.7 9.2 13.8

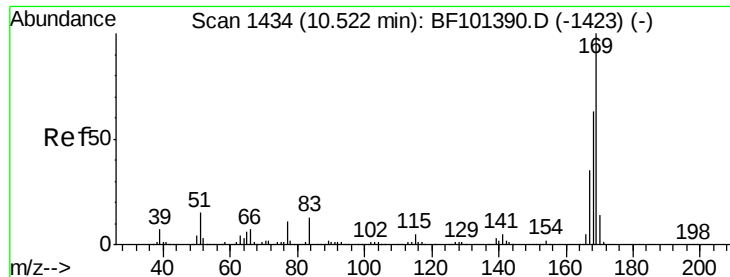


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

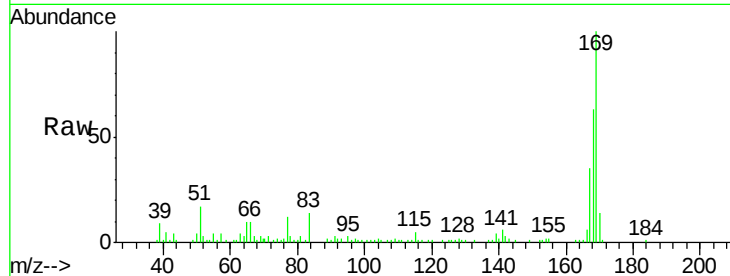




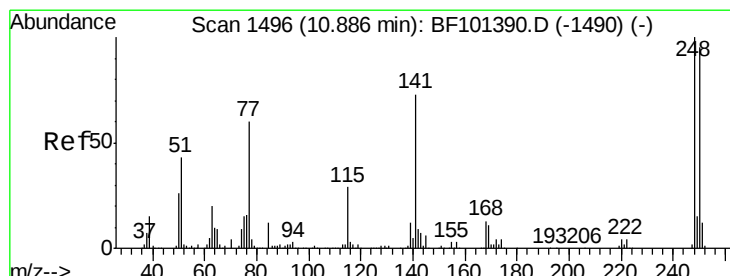
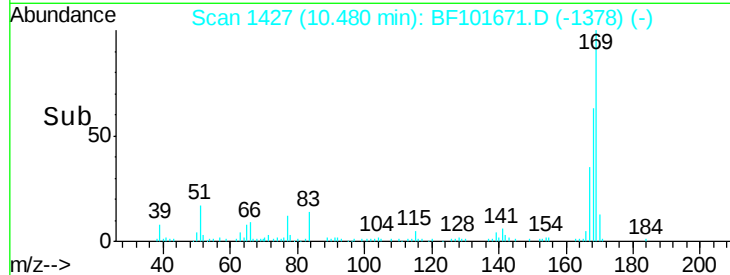
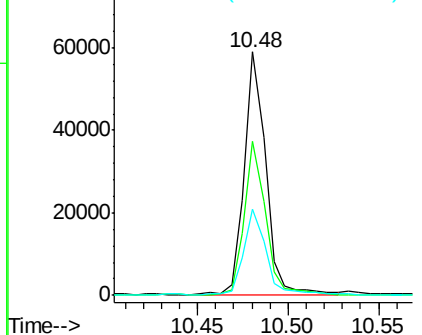
#65
 n-Nitrosodiphenylamine
 Concen: 4.197 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Tot Ion:169 Resp: 49516
 Ion Ratio Lower Upper
 169 100
 168 63.2 54.4 81.6
 167 35.4 29.8 44.6

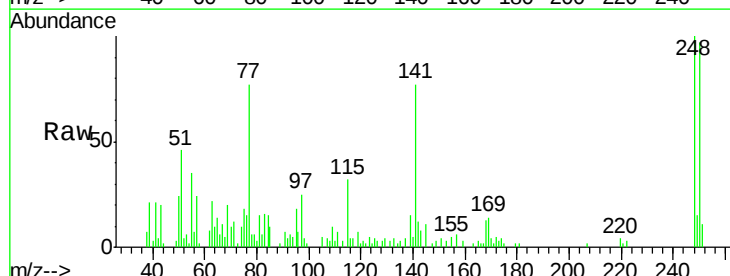


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

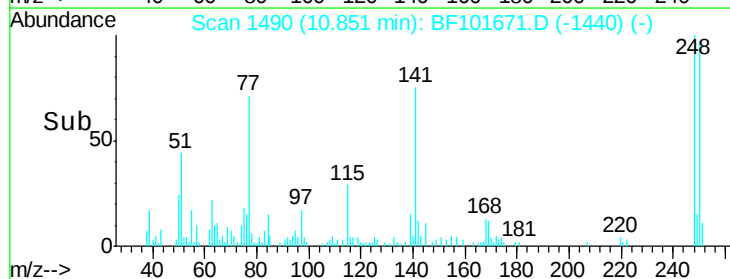
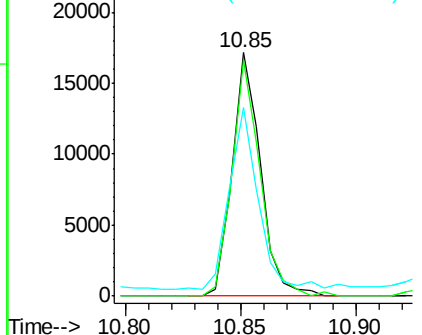


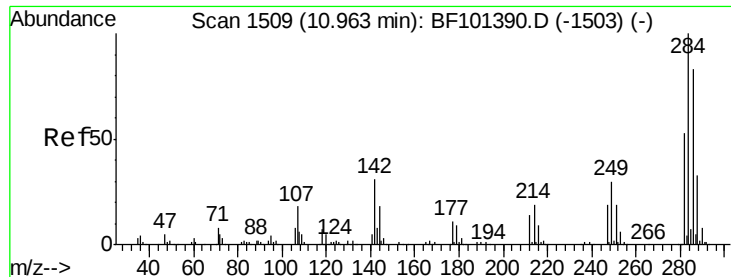
#66
 4-Bromophenyl-phenylether
 Concen: 4.084 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion:248 Resp: 14664
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 77.2 74.4 111.6



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

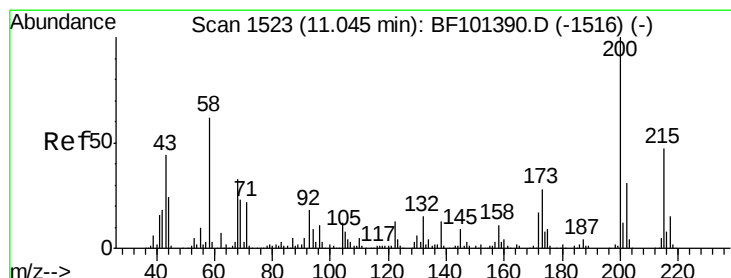
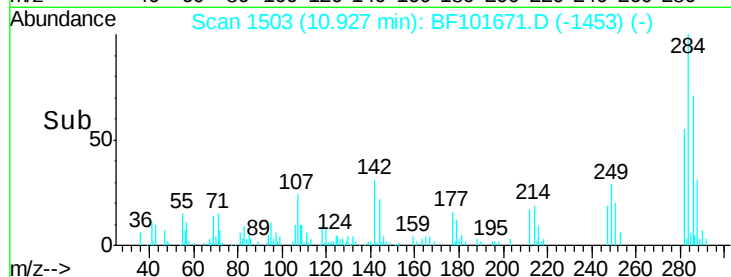
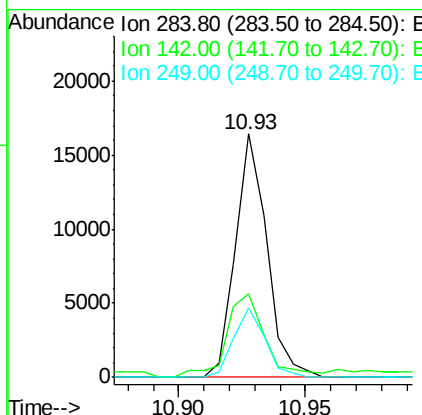
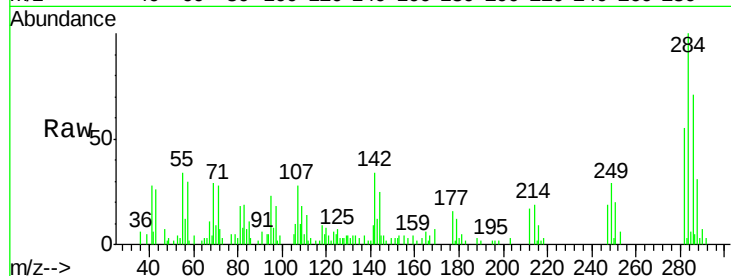




#67
Hexachlorobenzene
Concen: 3.724 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

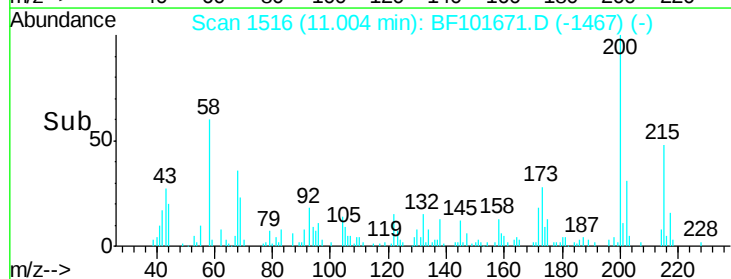
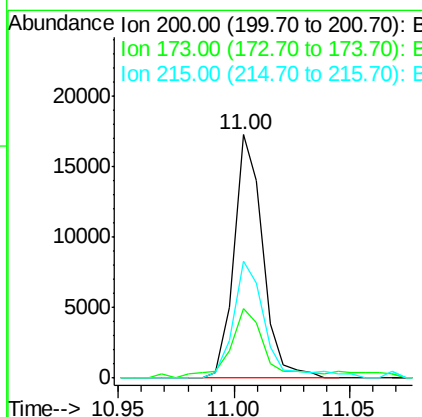
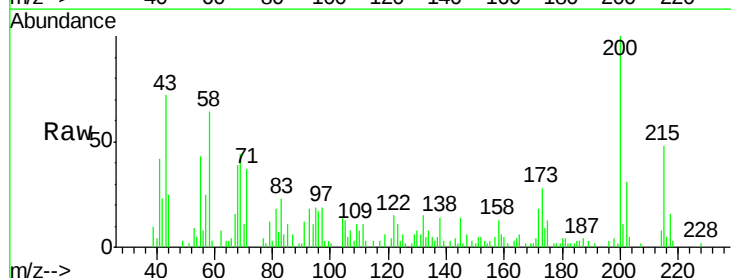
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

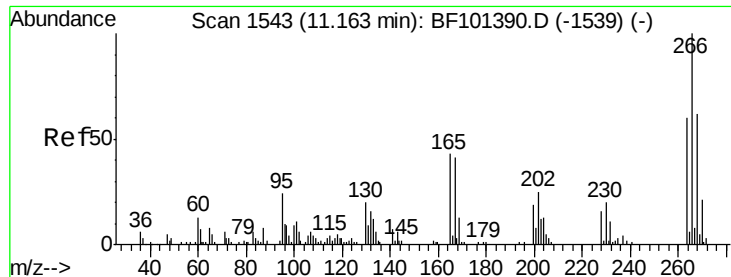
Tot Ion:284 Resp: 14151
Ion Ratio Lower Upper
284 100
142 34.2 34.6 52.0#
249 28.6 24.8 37.2



#68
Atrazine
Concen: 4.246 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:200 Resp: 14937
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 47.8 25.1 65.1





#69

Pentachlorophenol

Concen: 9.801 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

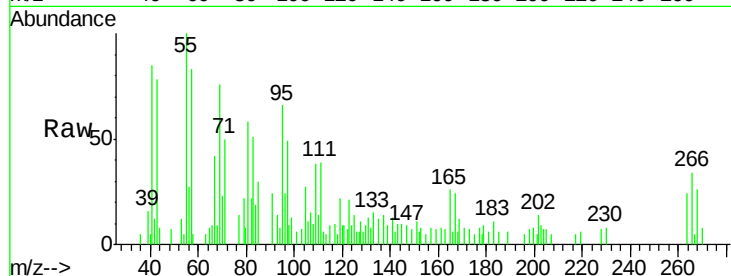
Tot Ion:266 Resp: 5223

Ion Ratio Lower Upper

266 100

268 76.8 51.1 76.7#

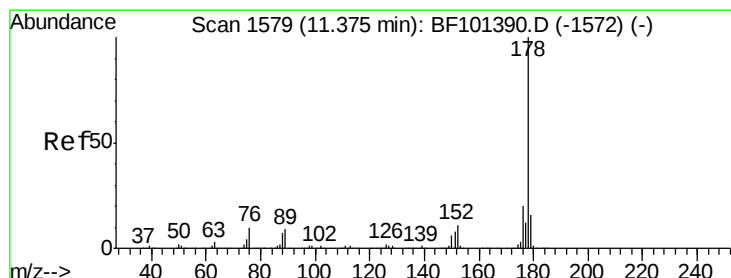
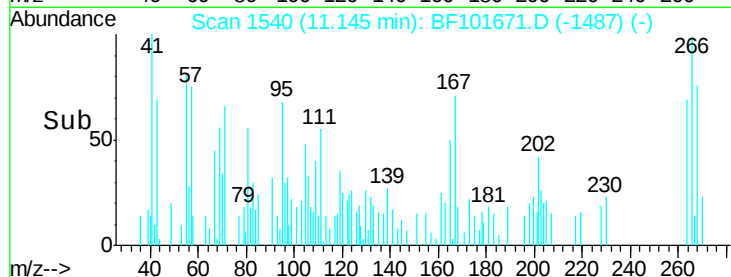
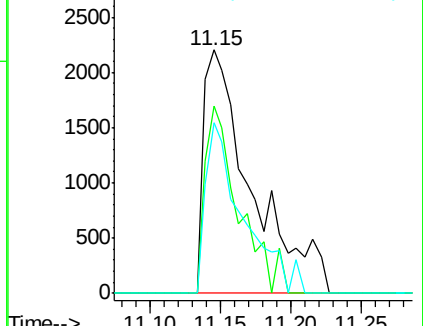
264 69.9 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 4.163 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

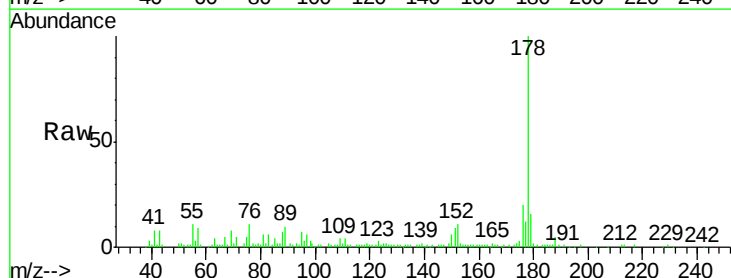
Tgt Ion:178 Resp: 73976

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

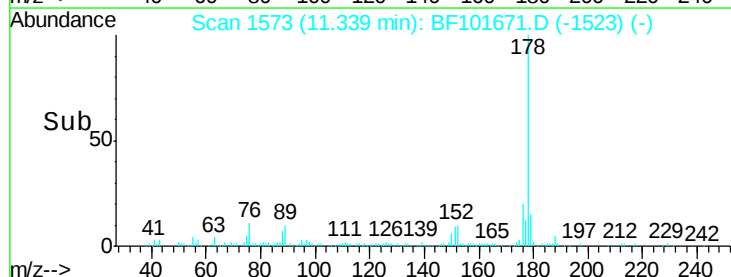
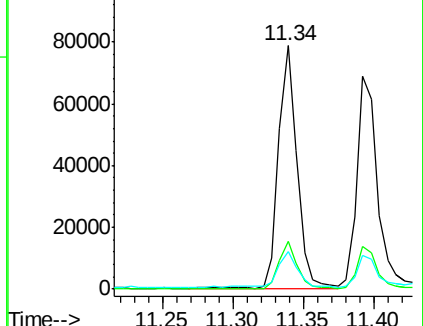
179 15.6 13.0 19.6

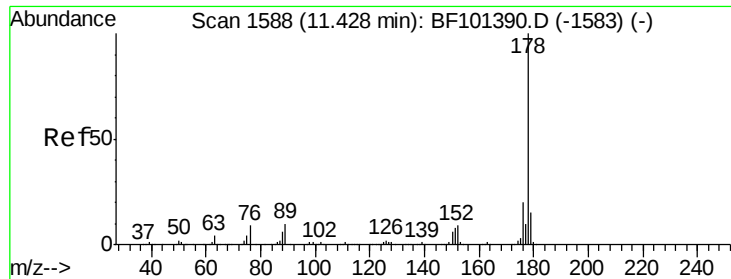


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

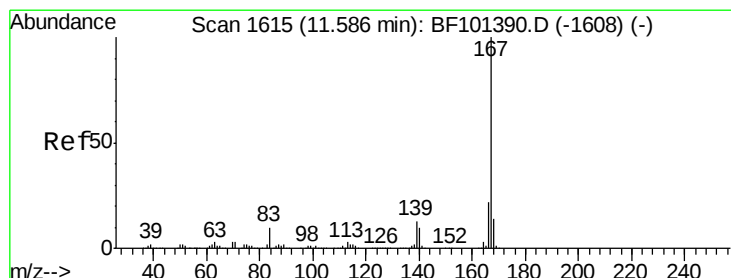
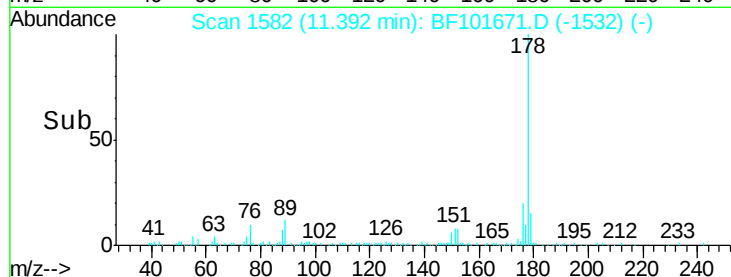
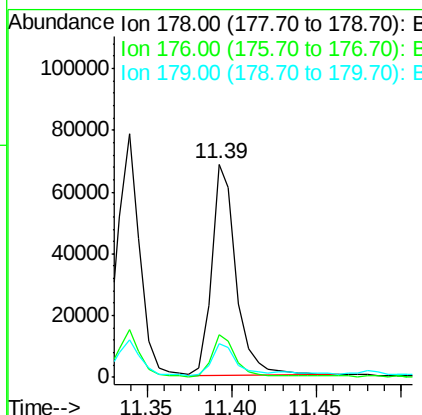
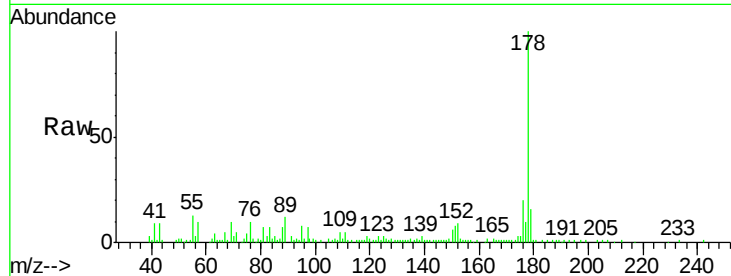




#71
 Anthracene
 Concen: 3.834 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

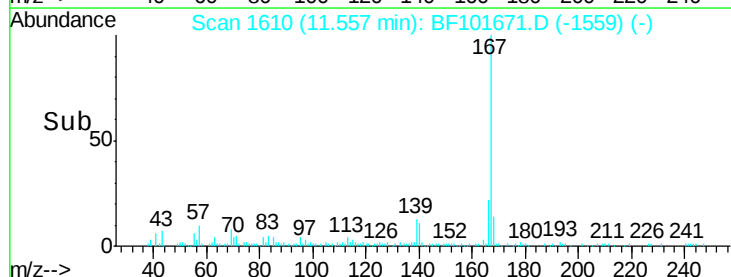
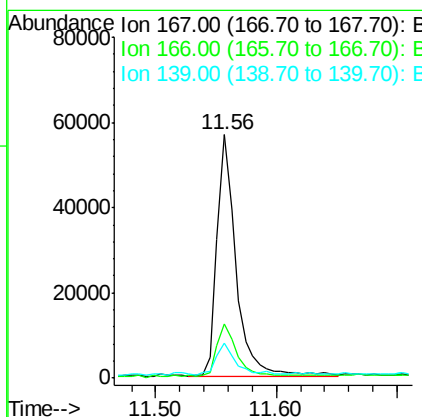
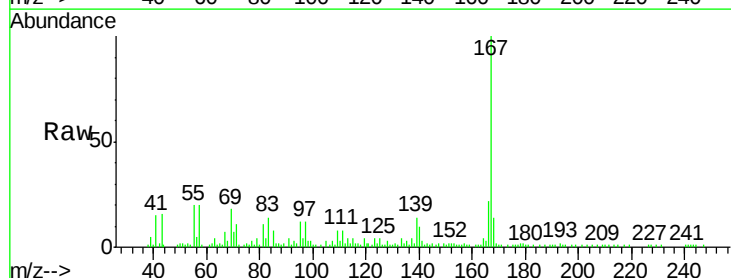
Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

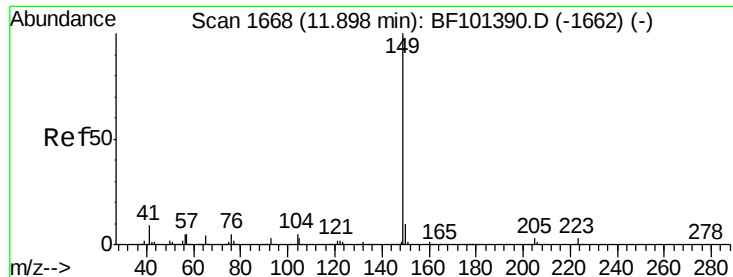
Tot Ion:178 Resp: 69601
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 3.621 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion:167 Resp: 61538
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 14.2 10.9 16.3

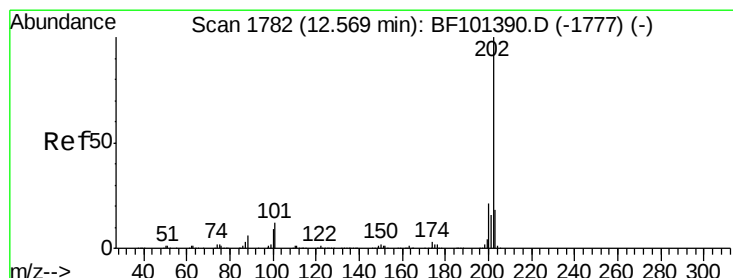
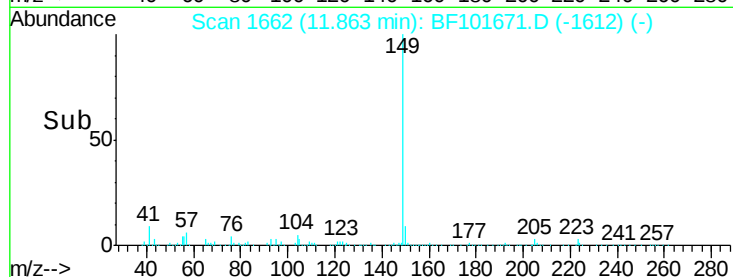
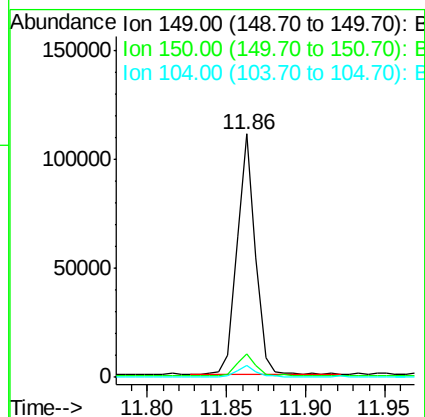
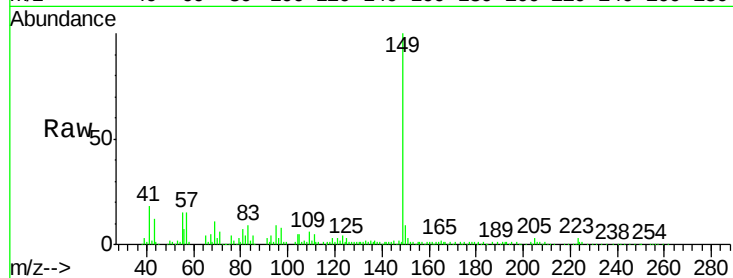




#73
Di-n-butylphthalate
Concen: 4.239 ng
RT: 11.86 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

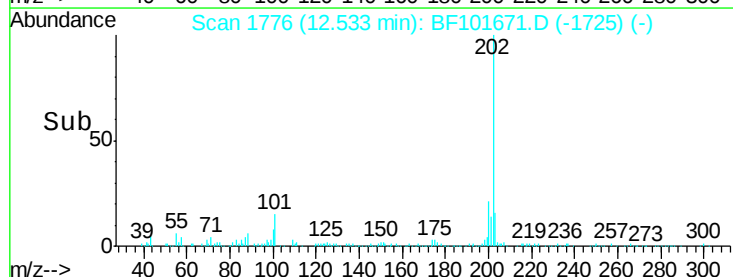
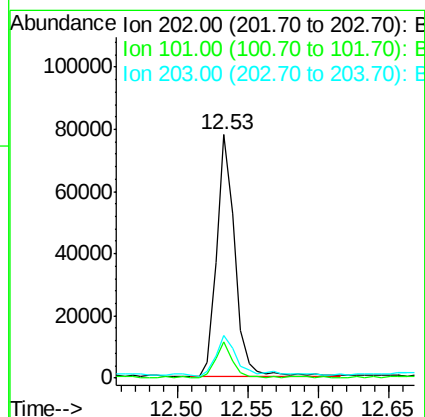
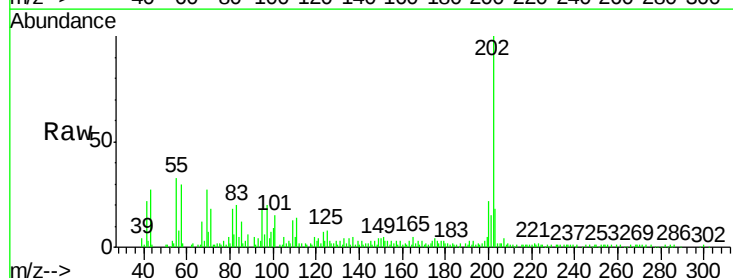
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

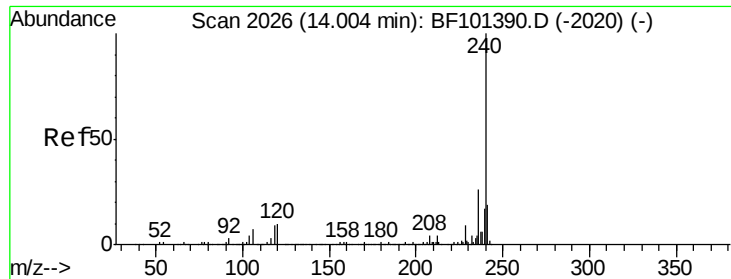
Tot Ion:149 Resp: 87436
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.8 3.8 5.8



#74
Fluoranthene
Concen: 3.754 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:202 Resp: 70031
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

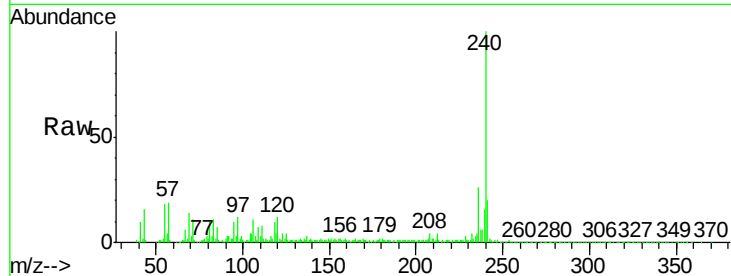
Tot Ion:240 Resp: 265261

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

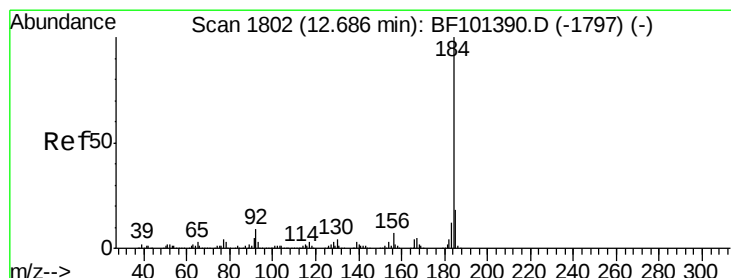
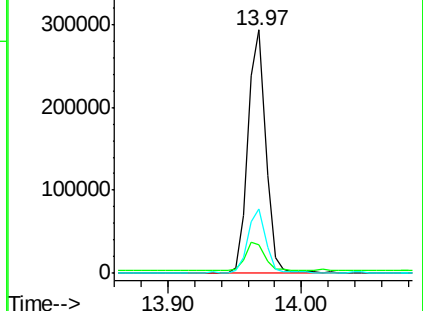
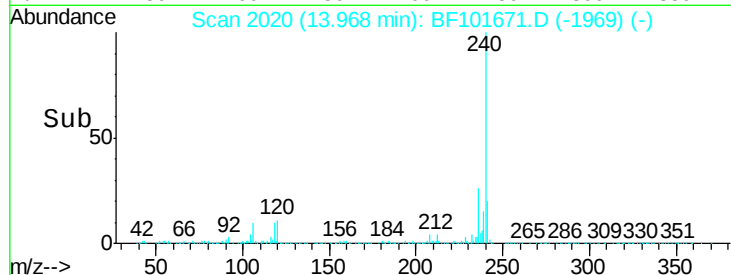
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.029 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

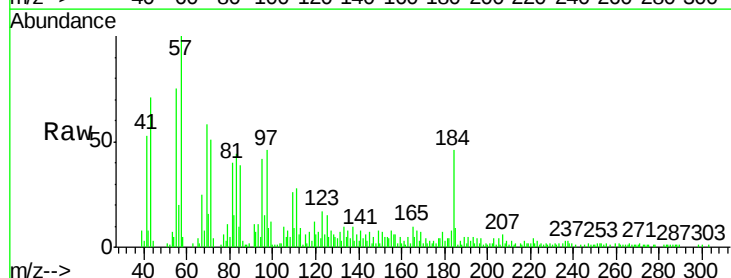
Tgt Ion:184 Resp: 22737

Ion Ratio Lower Upper

184 100

185 19.7 12.6 18.8#

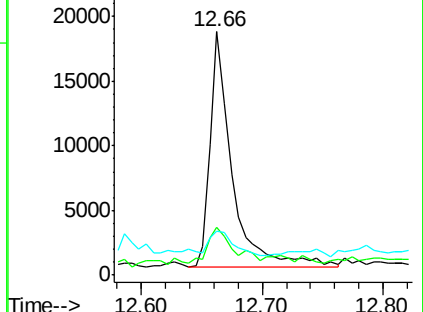
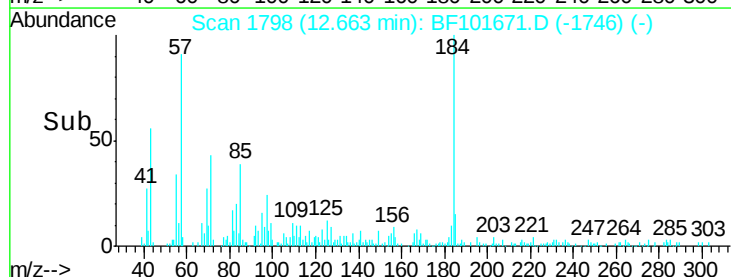
183 18.2 9.3 13.9#

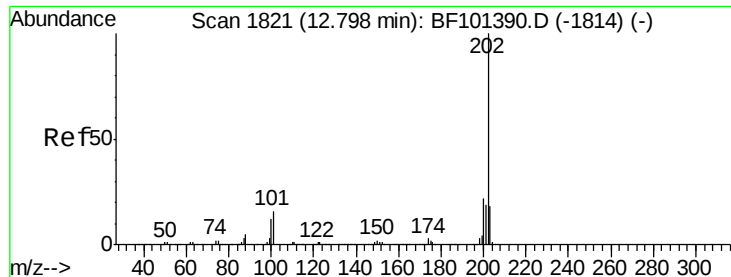


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

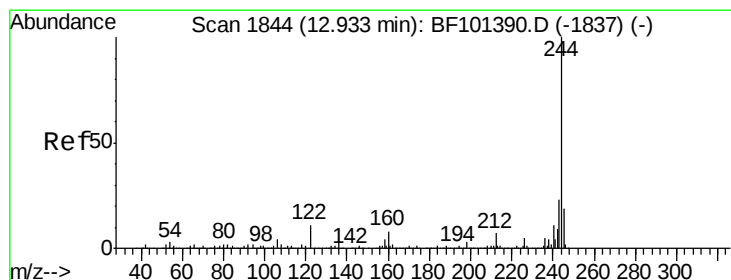
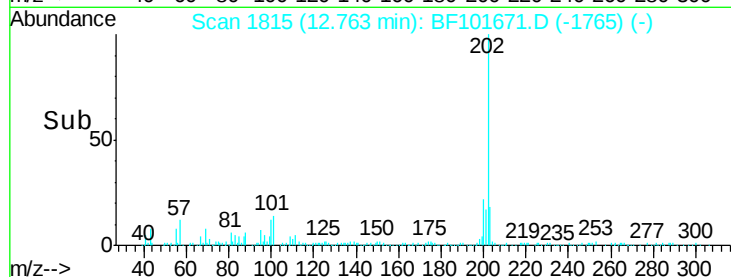
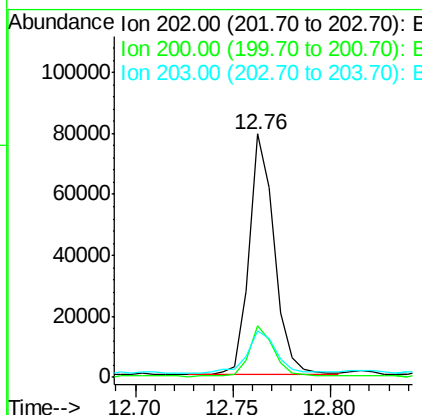
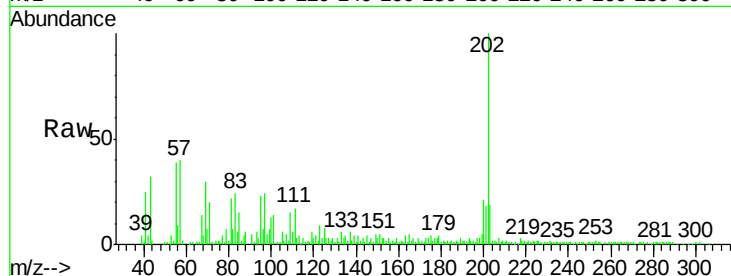




#77
Pvrene
Concen: 3.561 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

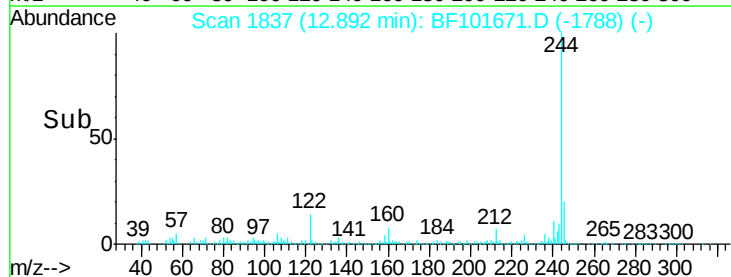
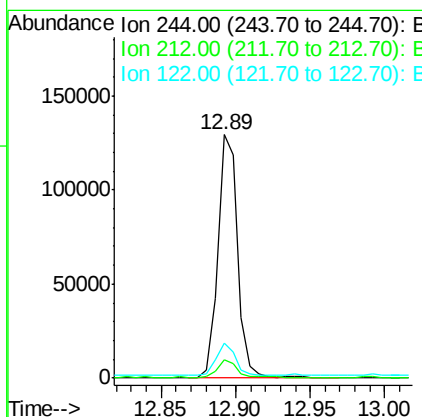
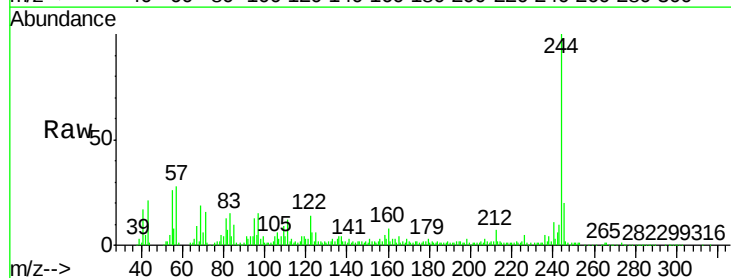
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

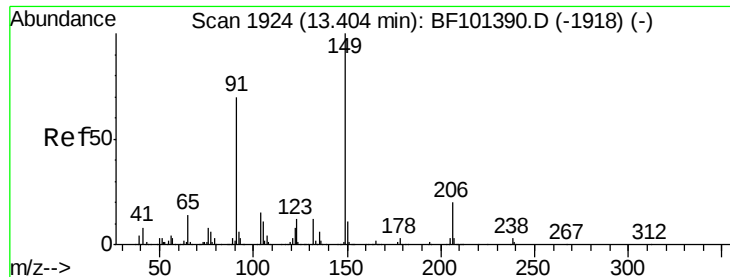
Tot Ion:202 Resp: 70892
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 19.3 14.3 21.5



#78
Terphenyl-d14
Concen: 10.892 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:244 Resp: 119845
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 14.5 11.0 16.4

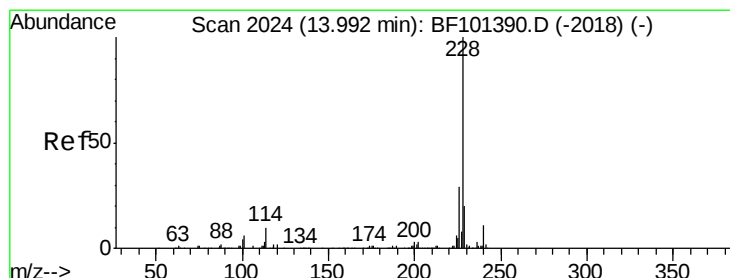
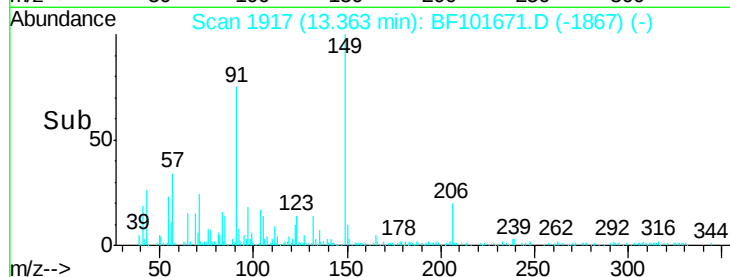
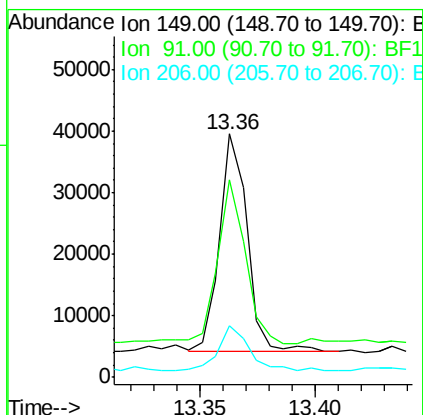
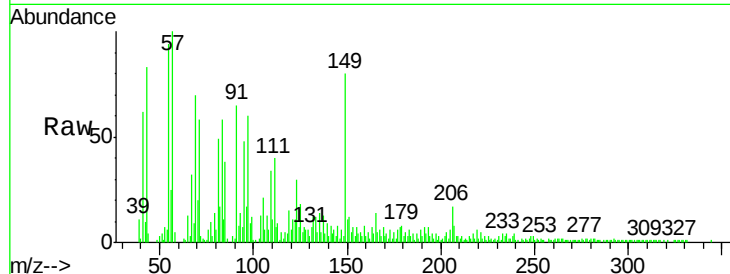




#79
Butylbenzylphthalate
Concen: 3.270 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

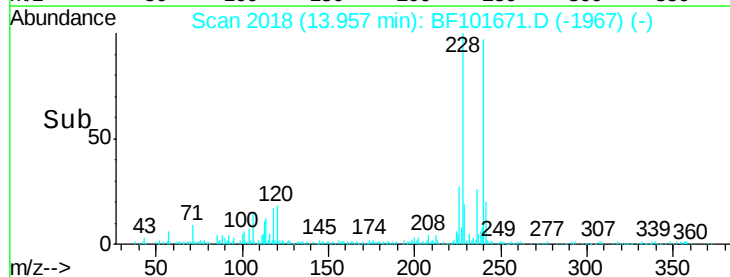
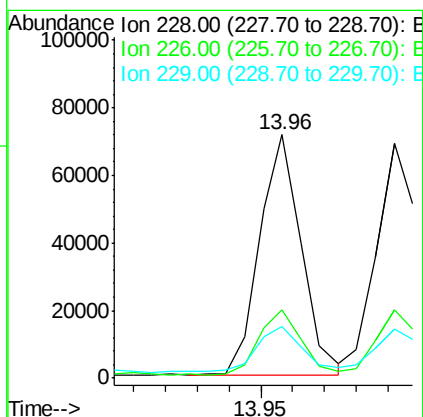
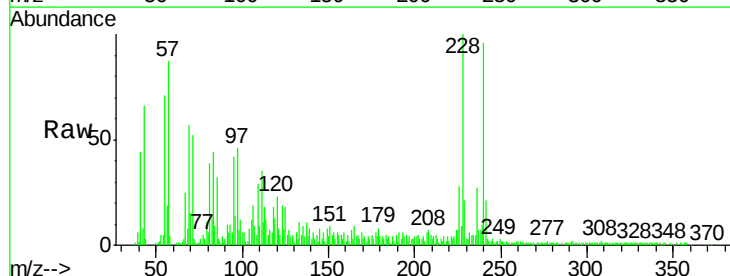
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

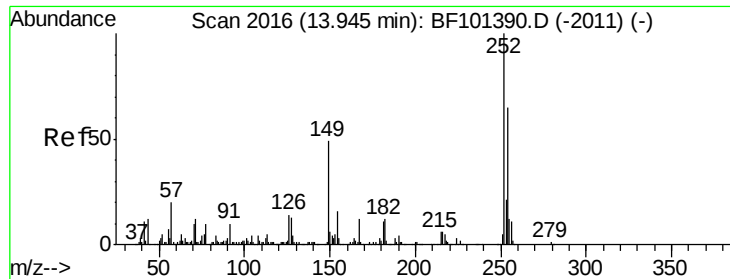
Tot Ion:149 Resp: 29454
Ion Ratio Lower Upper
149 100
91 81.1 56.8 85.2
206 21.2 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 3.686 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:228 Resp: 64565
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 21.3 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 3.150 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

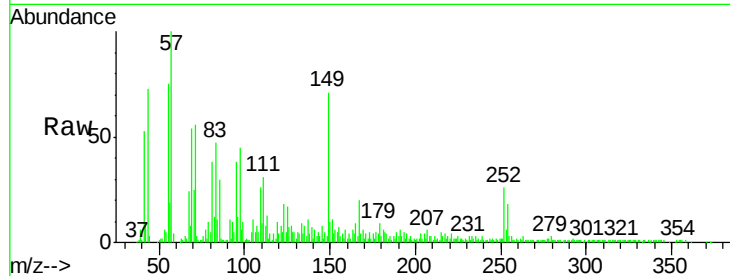
Tot Ion:252 Resp: 17988

Ion Ratio Lower Upper

252 100

254 68.4 50.4 75.6

126 26.5 11.3 16.9#

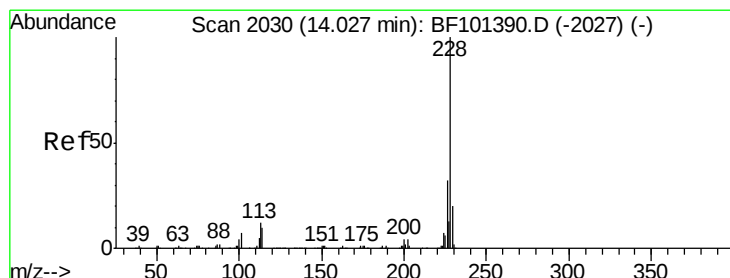
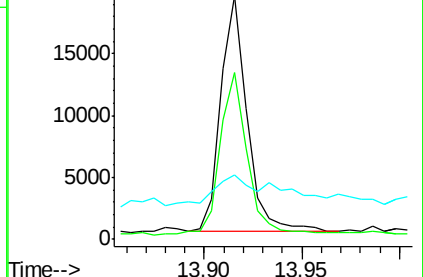
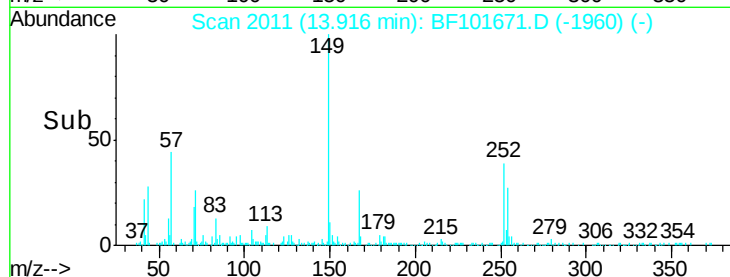


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



#82

Chrysene

Concen: 3.940 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

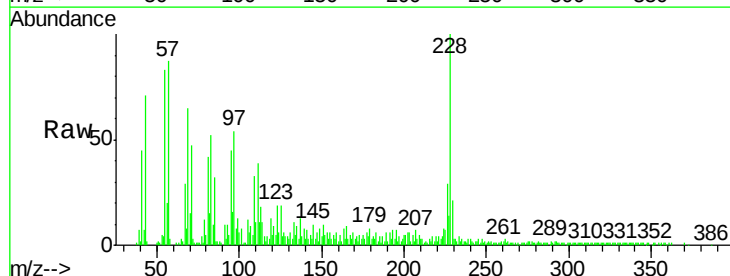
Tgt Ion:228 Resp: 65167

Ion Ratio Lower Upper

228 100

226 29.3 25.0 37.6

229 21.0 16.2 24.4

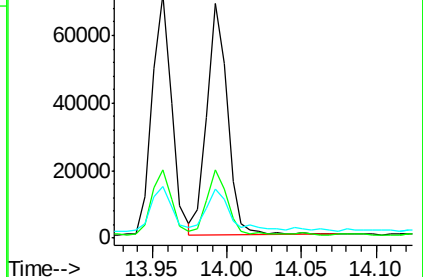
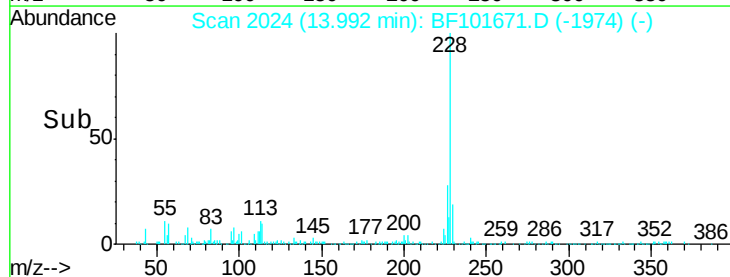


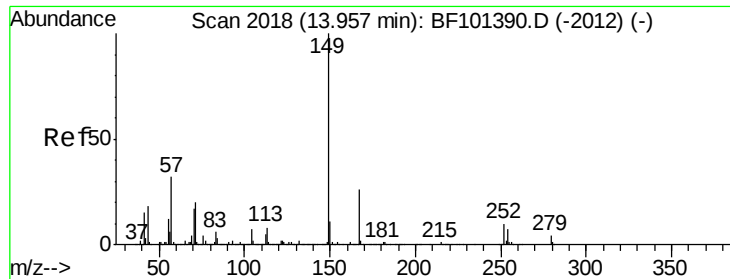
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

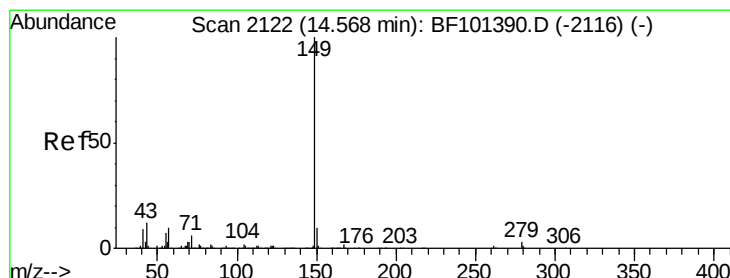
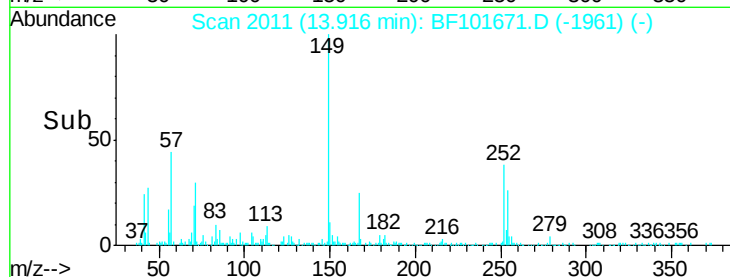
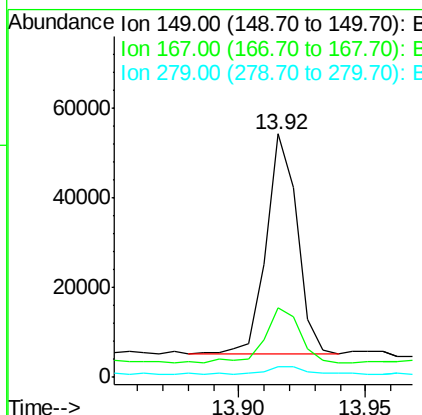
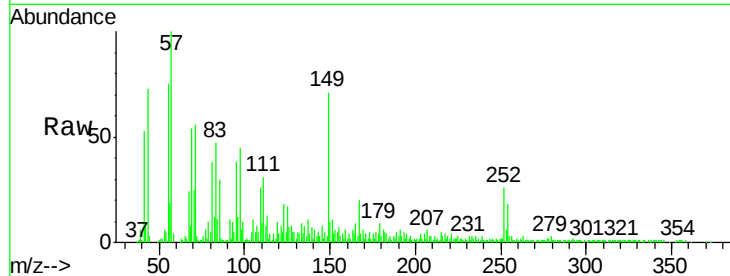




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.640 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

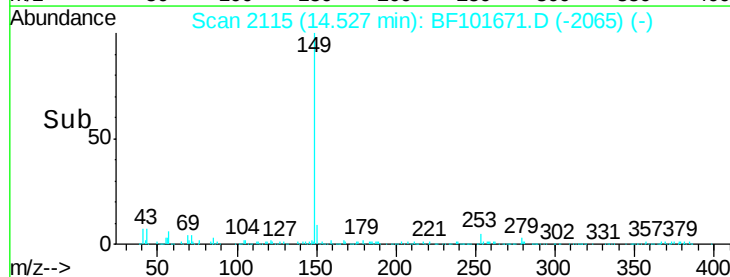
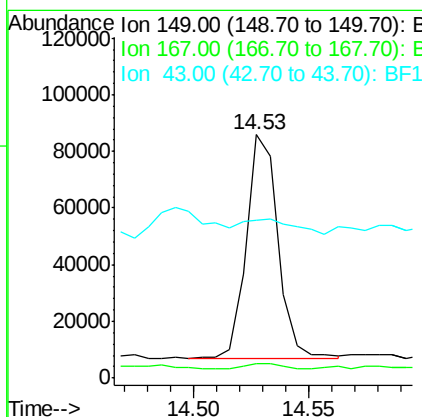
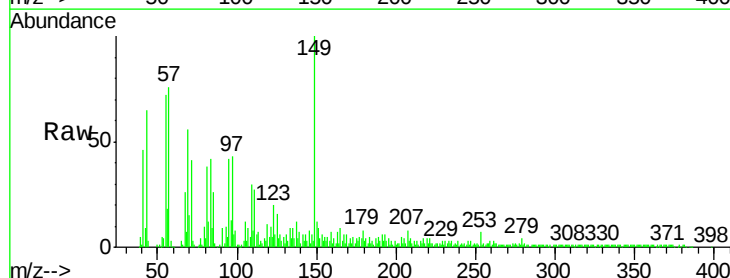
Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

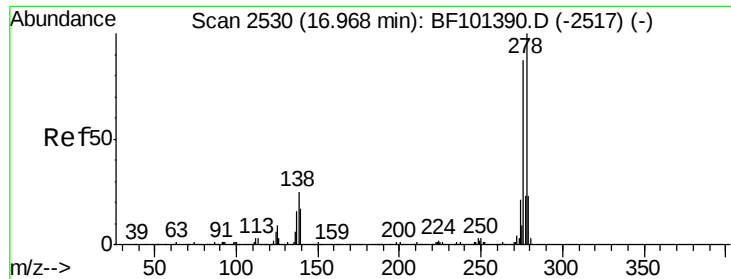
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.3	31.9
279	4.4	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 3.711 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.2	1.8#
43	10.3	8.4	12.6

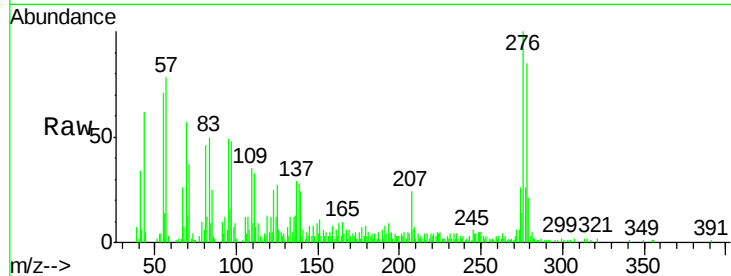




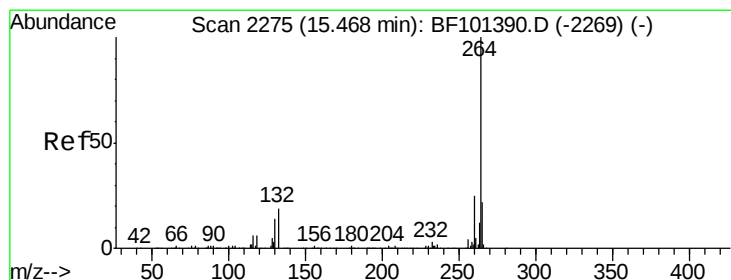
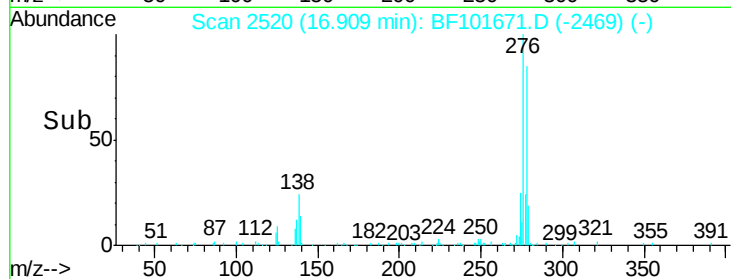
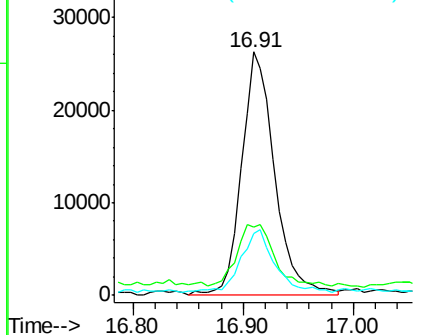
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.771 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. 0.00 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-WW-3-4-10MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	26.3	20.1	30.1

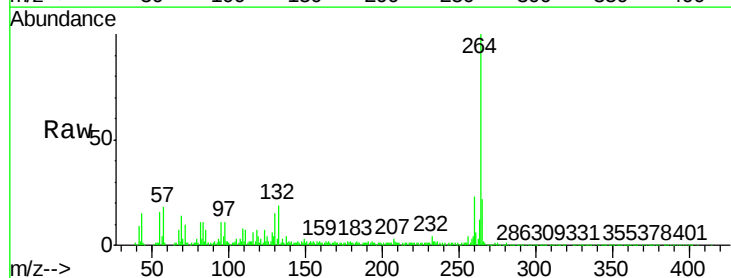


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

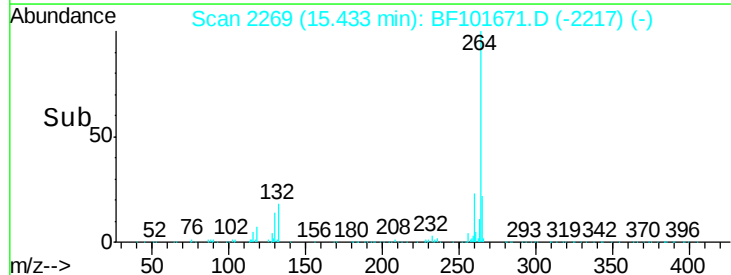
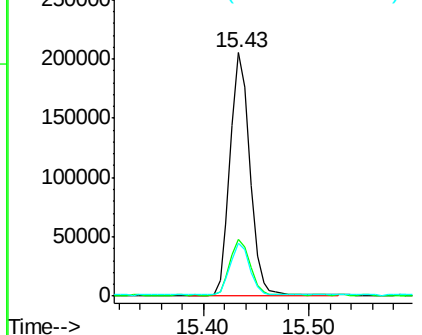


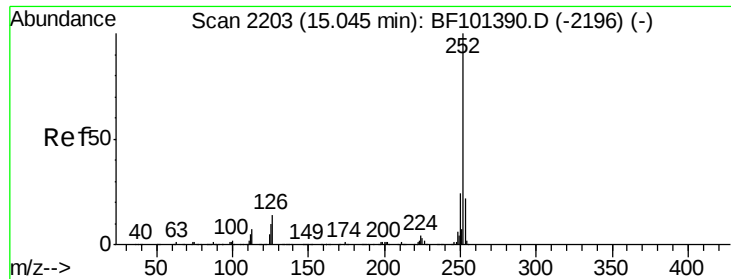
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF101671.D
 Acq: 22 Dec 2017 23:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

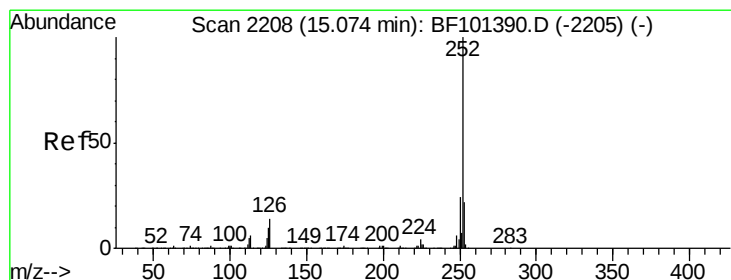
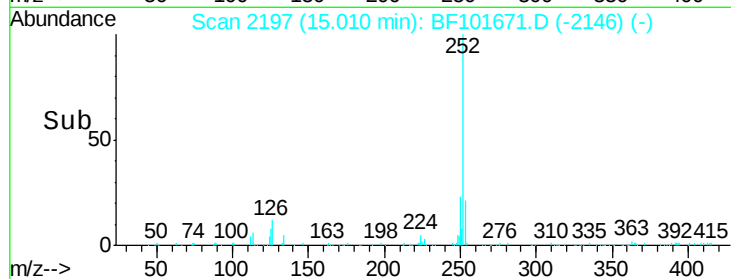
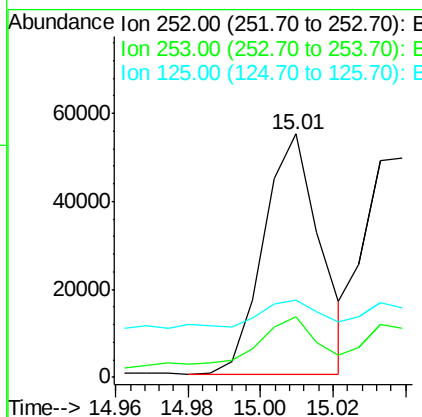
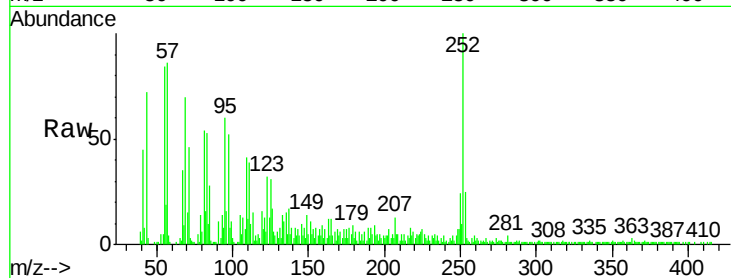




#87
Benzo(b)fluoranthene
Concen: 3.663 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

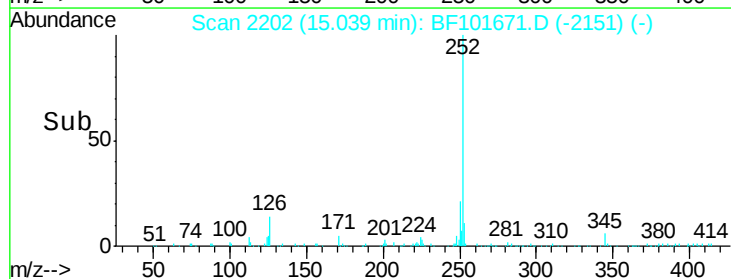
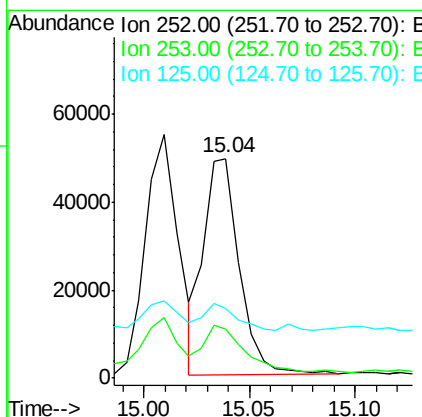
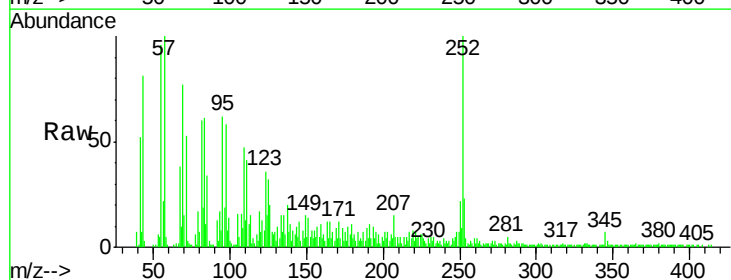
Instrument :
BNA_F
ClientSampleId :
DB-WW-3-4-10MS

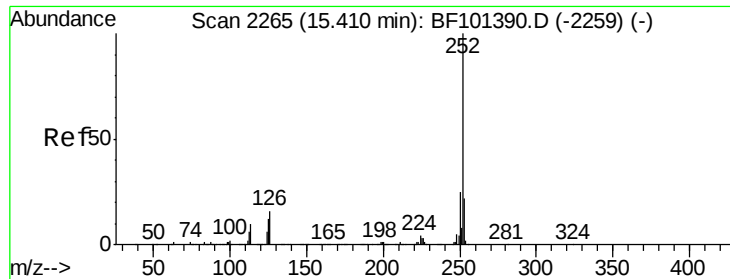
Tot Ion:252 Resp: 59092
Ion Ratio Lower Upper
252 100
253 25.0 17.0 25.6
125 31.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 3.694 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF101671.D
Acq: 22 Dec 2017 23:17

Tgt Ion:252 Resp: 57944
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 31.5 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 3.656 ng

RT: 15.37 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

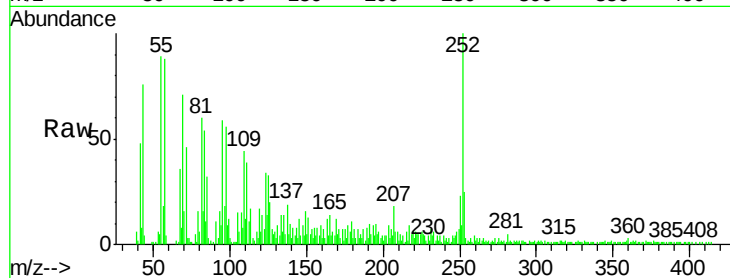
Tot Ion:252 Resp: 54378

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

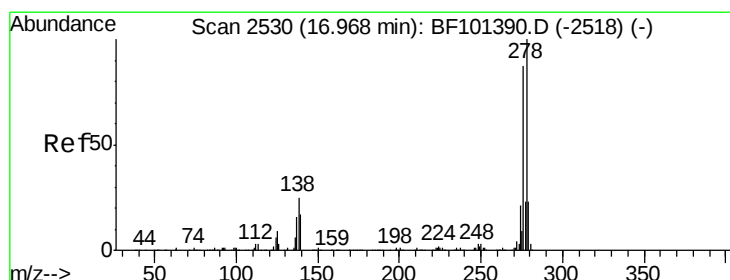
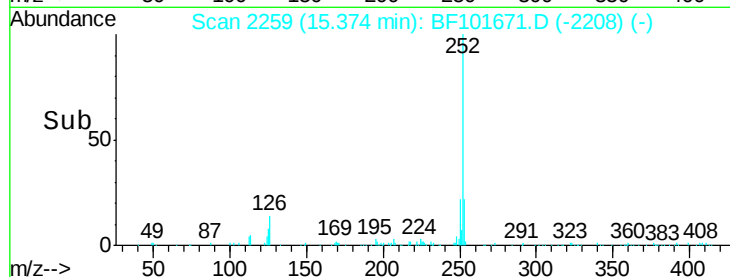
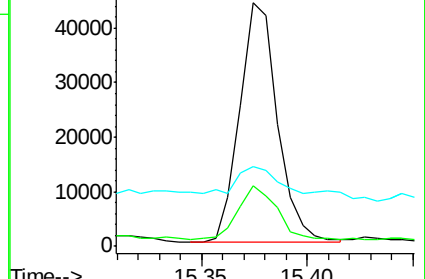
125 32.6 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.746 ng

RT: 16.91 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

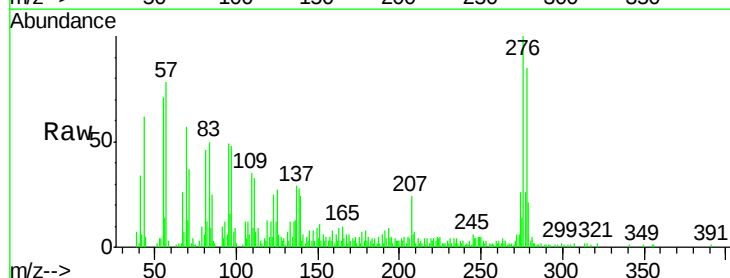
Tgt Ion:278 Resp: 47837

Ion Ratio Lower Upper

278 100

139 28.0 15.9 23.9#

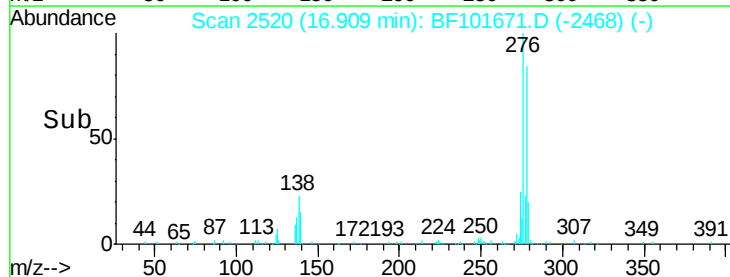
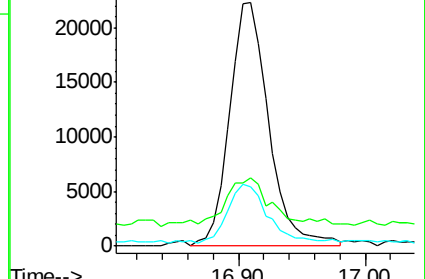
279 24.3 19.0 28.4

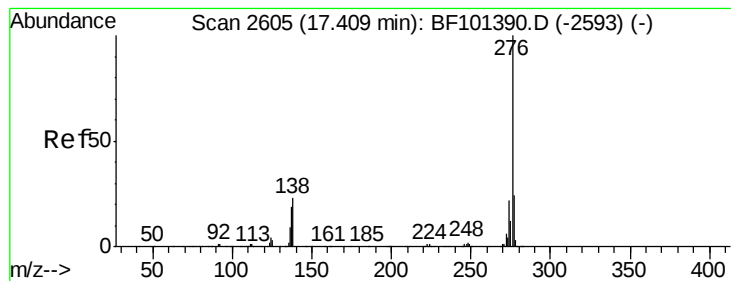


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.519 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.02 min

Lab File: BF101671.D

Acq: 22 Dec 2017 23:17

Instrument :

BNA_F

ClientSampleId :

DB-WW-3-4-10MS

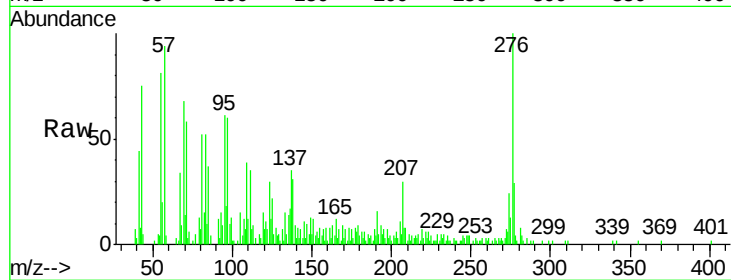
Tot Ion:276 Resp: 44499

Ion Ratio Lower Upper

276 100

277 29.3 17.9 26.9#

138 31.1 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

