

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118865.D
 Acq On : 10 Feb 2020 11:08
 Operator : CG/JU
 Sample : L1434-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 11 00:13:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	8642	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	355	20.00	ng	0.20
39) Acenaphthene-d10	10.17	164	19519	20.00	ng	0.31
64) Phenanthrene-d10	11.72	188	1007	20.00	ng	0.38
76) Chrysene-d12	14.37	240	360	20.00	ng	0.39
87) Perylene-d12	15.87	264	243	20.00	ng	0.44
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1064769	2332.25	ng	0.01
7) Phenol-d6	6.66	99	480527	847.89	ng	0.21
23) Nitrobenzene-d5	7.40	82	2221371	372970.91	ng	0.02
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
79) Terphenyl-d14	13.11	244	2084724	118947.55	ng	0.18
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.52	88	664	3.191	ng	# 1
4) n-Nitrosodimethylamine	3.20	42	17709	84.190	ng	# 1
8) 2-Chlorophenol	6.57	128	2446	4.810	ng	# 51
9) Benzaldehyde	6.36	77	6453	15.978	ng	# 97
15) Benzyl Alcohol	7.08	79	8206	18.733	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.96	45	299046	506.516	ng	# 90
17) 2-Methylphenol	7.08	107	4792	11.335	ng	# 1
18) Hexachloroethane	7.39	117	864	3.987	ng	# 1
19) n-Nitroso-di-n-propylamine	7.40	70	322174	929.108	ng	# 79
22) Acetophenone	7.37	105	447	57.955	ng	# 1
24) Nitrobenzene	7.58	77	3691	620.348	ng	# 9
25) Isophorone	7.84	82	7251	677.412	ng	# 67
26) 2-Nitrophenol	7.86	139	144	45.419	ng	# 1
27) 2,4-Dimethylphenol	8.09	122	944892	219396.104	ng	# 4
28) bis(2-Chloroethoxy)methane	8.09	93	8414	1212.233	ng	# 1
29) 2,4-Dichlorophenol	8.22	162	2586	501.384	ng	# 21
31) Naphthalene	8.38	128	385	23.712	ng	# 1
32) Benzoic acid	8.09	122	944892	264988.249	ng	# 92
33) 4-Chloroaniline	8.42	127	2016	277.531	ng	# 67
35) Caprolactam	8.76	113	288	172.247	ng	# 1
36) 4-Chloro-3-methylphenol	8.87	107	1548	298.234	ng	# 80
37) 2-Methylnaphthalene	9.12	142	784	69.623	ng	# 1
38) 1-Methylnaphthalene	9.12	142	784	74.011	ng	# 1
48) 2-Nitroaniline	9.67	65	5264	16.260	ng	# 32
49) Acenaphthylene	9.90	152	8169	5.040	ng	# 40
50) Dimethylphthalate	9.86	163	5223	3.930	ng	# 1
51) 2,6-Dinitrotoluene	9.90	165	13000	42.749	ng	# 1
52) Acenaphthene	10.19	154	21436	20.072	ng	# 25
53) 3-Nitroaniline	10.15	138	125891	373.277	ng	# 13
54) 2,4-Dinitrophenol	10.23	184	2550	17.443	ng	# 7
56) 4-Nitrophenol	10.32	139	1934	7.923	ng	# 66
57) 2,4-Dinitrotoluene	10.37	165	1376	3.419	ng	# 1
58) Fluorene	10.65	166	44425	38.260	ng	# 90
59) 2,3,4,6-Tetrachlorophenol	10.48	232	2112	6.008	ng	# 58

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

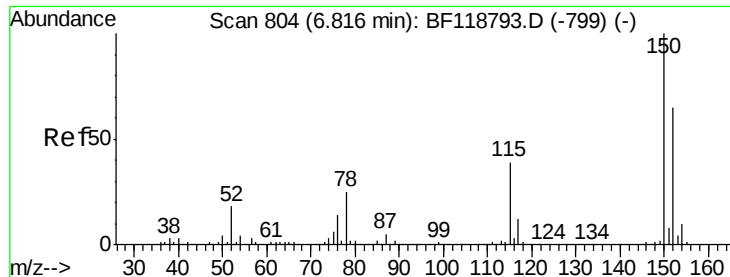
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Feb 11 00:13:29 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

62) 4-Nitroaniline	10.93	138	41375	122.507	nq	# 48
63) Azobenzene	10.94	77	108796	98.607	nq	# 68
65) 4,6-Dinitro-2-methylphenol	10.87	198	4978	879.744	nq	# 1
66) n-Nitrosodiphenylamine	10.94	169	39134	1341.632	nq	# 77
67) 4-Bromophenyl-phenylether	11.28	248	425	35.677	nq	# 1
68) Hexachlorobenzene	11.33	284	562	41.132	nq	# 1
69) Atrazine	11.39	200	2186	224.948	nq	# 34
70) Pentachlorophenol	11.52	266	117	16.217	nq	# 37
71) Phenanthrene	11.75	178	1892	38.187	nq	# 1
72) Anthracene	11.78	178	1061	21.526	nq	# 1
73) Carbazole	11.93	167	71151	1644.853	nq	# 1
74) Di-n-butylphthalate	12.29	149	47030	853.482	nq	# 74
75) Fluoranthene	12.98	202	15367	284.073	nq	# 1
77) Benzidine	12.98	184	44856	4119.599	nq	# 1
78) Pyrene	13.17	202	1872	75.799	nq	# 1
80) Butylbenzylphthalate	13.79	149	3714	329.477	nq	# 81
81) Benzo(a)anthracene	14.37	228	533	24.881	nq	# 1
82) 3,3'-Dichlorobenzidine	14.37	252	381	43.485	nq	# 1
83) Chrysene	14.41	228	1557	72.417	nq	# 10
84) Bis(2-ethylhexyl)phthalate	14.39	149	5067	354.299	nq	# 13
85) Di-n-octyl phthalate	15.01	149	55999	2285.634	nq	# 80
86) Indeno(1,2,3-cd)pyrene	17.36	276	375	17.359	nq	# 66
88) Benzo(b)fluoranthene	15.45	252	1225	81.241	nq	# 1
89) Benzo(k)fluoranthene	15.47	252	202	15.384	nq	# 1
90) Benzo(a)pyrene	15.80	252	599	46.418	nq	# 1
91) Dibenzo(a,h)anthracene	17.37	278	1055	92.094	nq	# 1
92) Benzo(g,h,i)perylene	17.81	276	445	40.392	nq	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

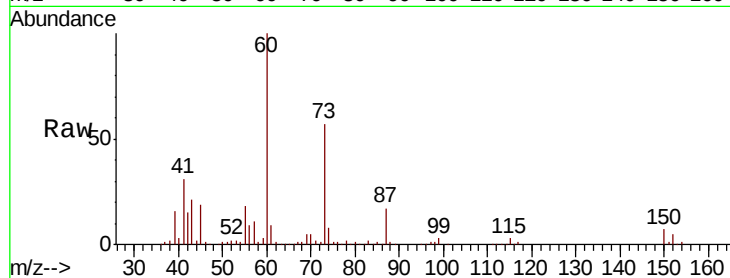
Tot Ion:152 Resp: 8642

Ion Ratio Lower Upper

152 100

150 142.6 123.6 185.4

115 56.7 48.2 72.2

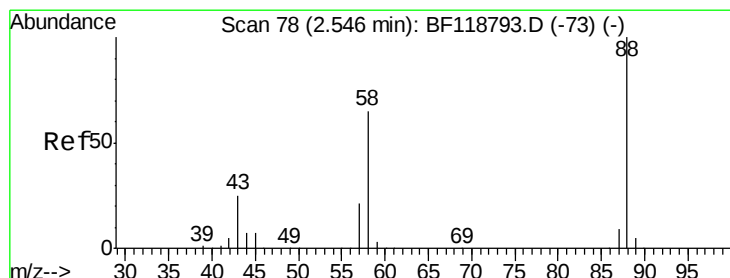
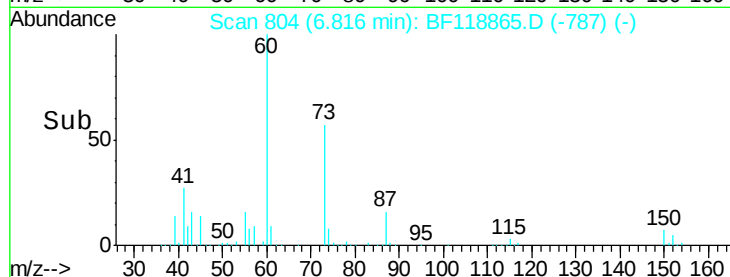
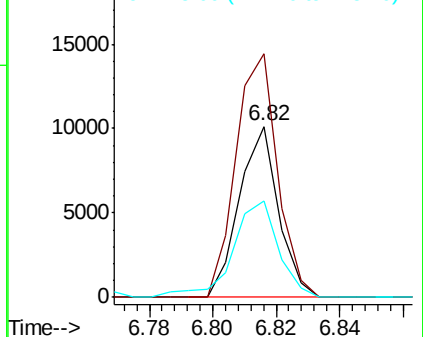


Abundance

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: 3.191 ng

RT: 2.52 min Scan# 74

Delta R.T. -0.02 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

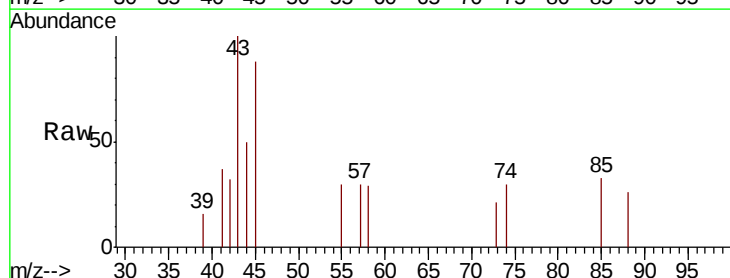
Tgt Ion: 88 Resp: 664

Ion Ratio Lower Upper

88 100

58 109.3 51.6 77.4#

43 778.9 19.8 29.6#

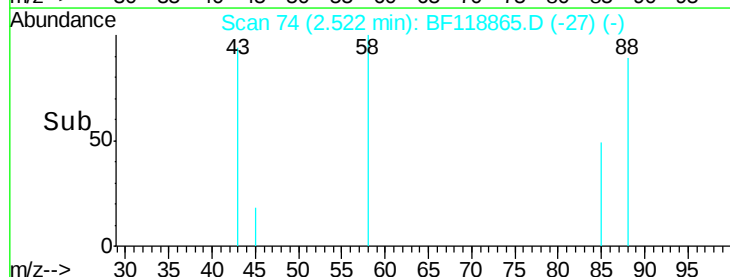
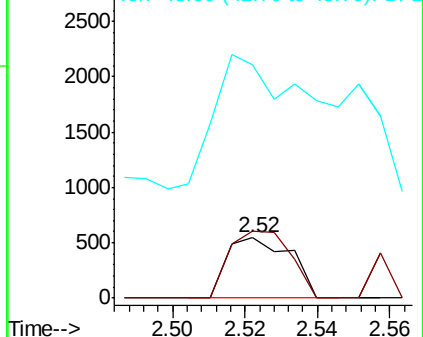


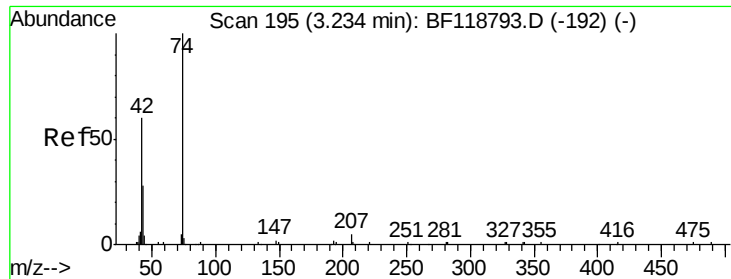
Abundance

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



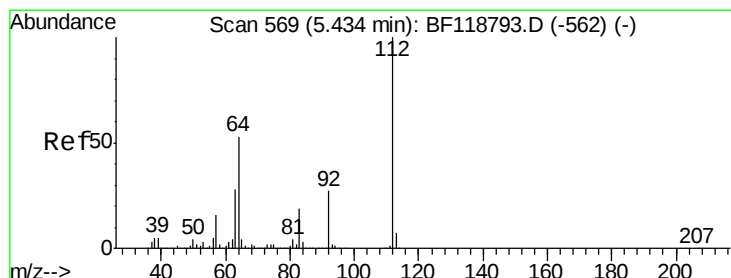
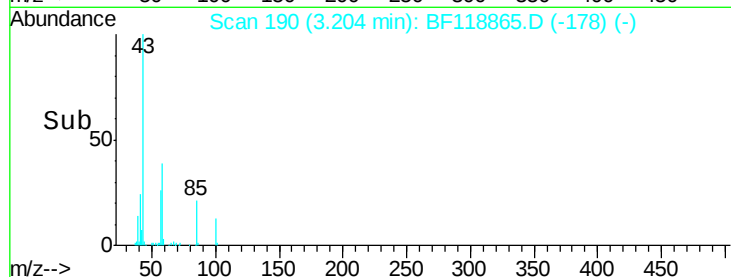
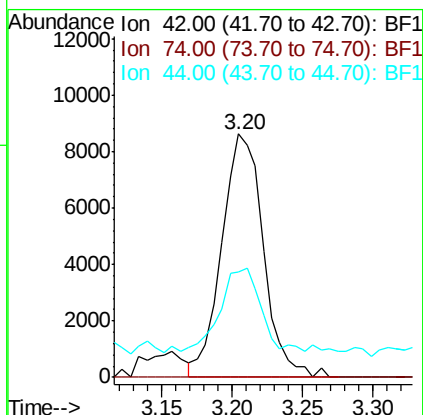
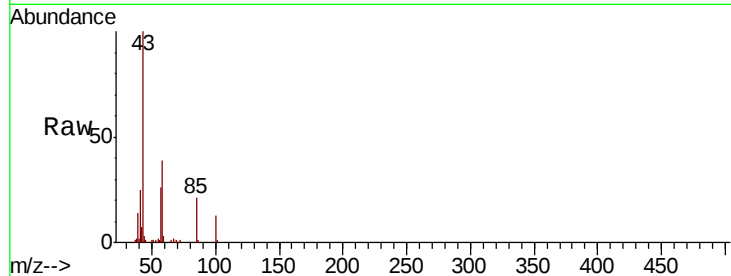


#4

n-Nitrosodimethylamine
 Concen: 84.190 ng
 RT: 3.20 min Scan# 190
 Delta R.T. -0.03 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

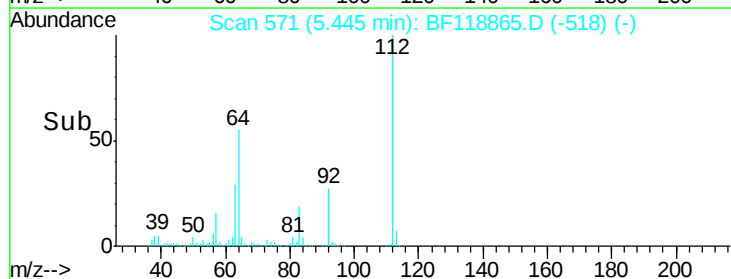
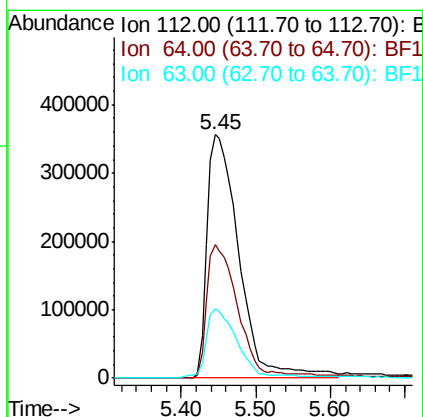
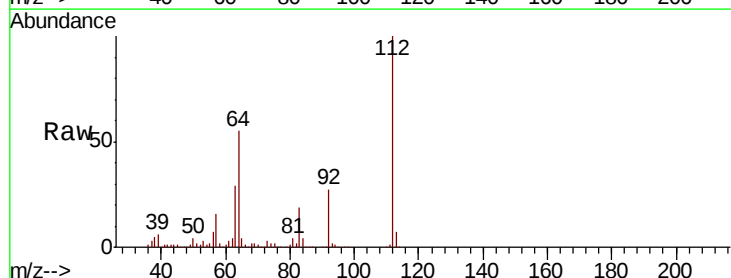
Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	124.3	186.5#
44	43.2	5.3	7.9#

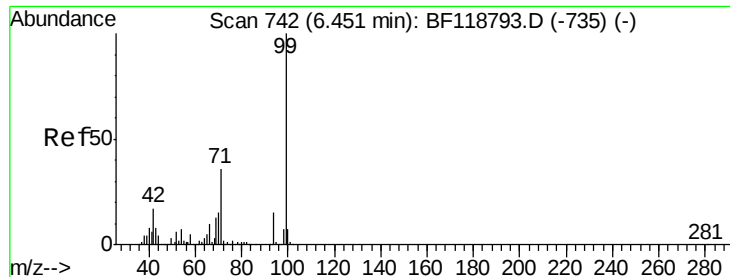


#5

2-Fluorophenol
 Concen: 2332.251 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.6	63.8
63	28.6	22.2	33.4





#7

Phenol-d6

Concen: 847.894 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.21 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

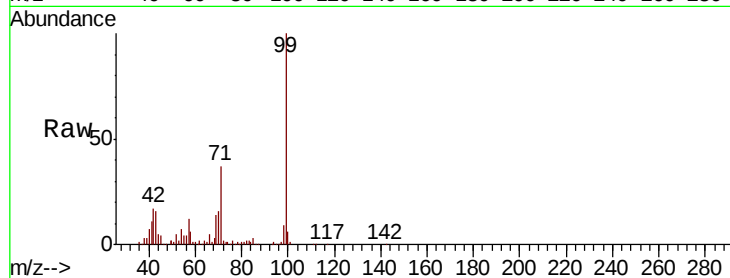
Tot Ion: 99 Resp: 480527

Ion Ratio Lower Upper

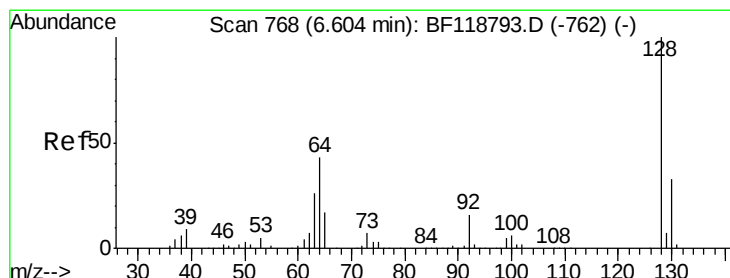
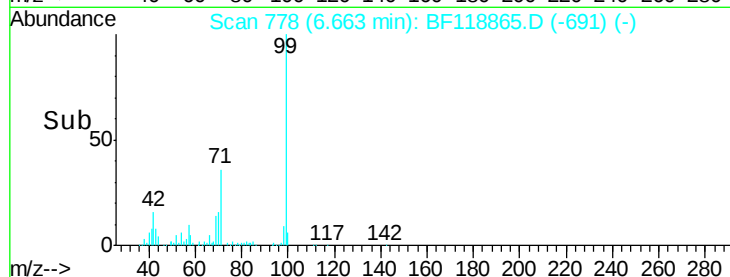
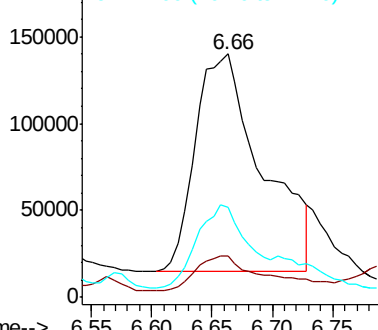
99 100

42 17.0 13.4 20.0

71 36.8 29.0 43.6



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: 4.810 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

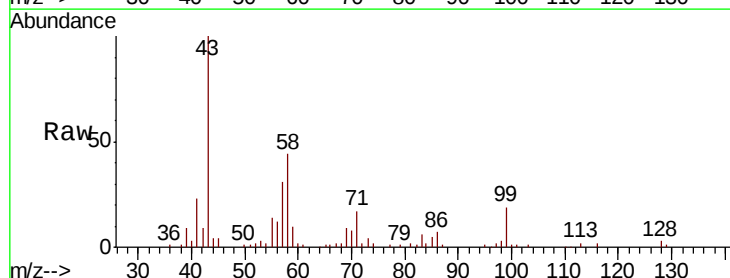
Tgt Ion:128 Resp: 2446

Ion Ratio Lower Upper

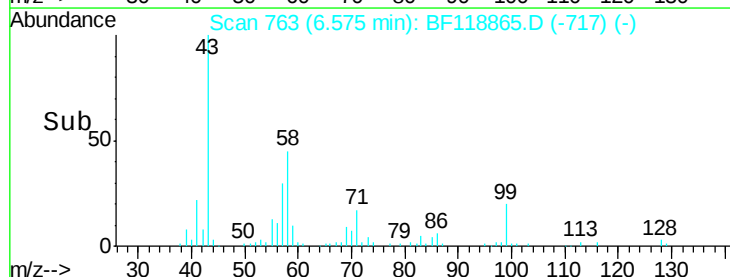
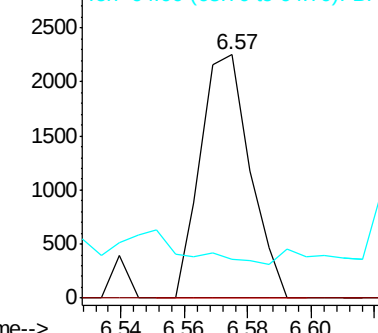
128 100

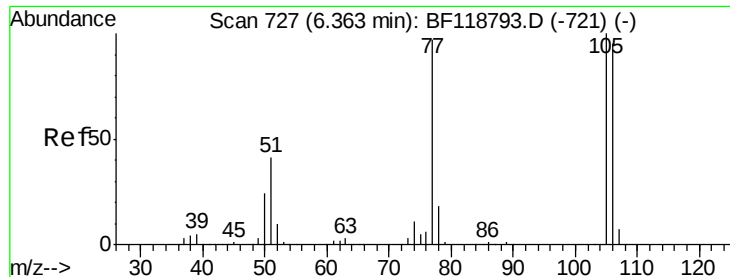
130 0.0 13.1 53.1#

64 15.9 23.0 63.0#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.978 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

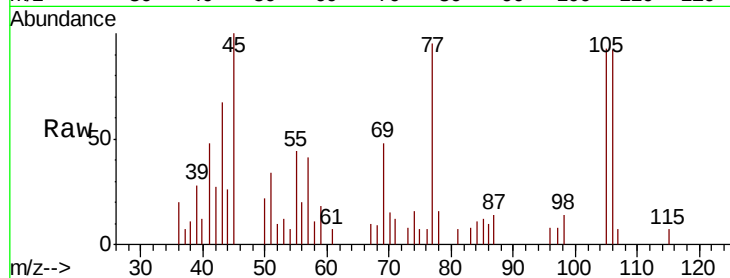
Tot Ion: 77 Resp: 6453

Ion Ratio Lower Upper

77 100

105 97.6 82.8 122.8

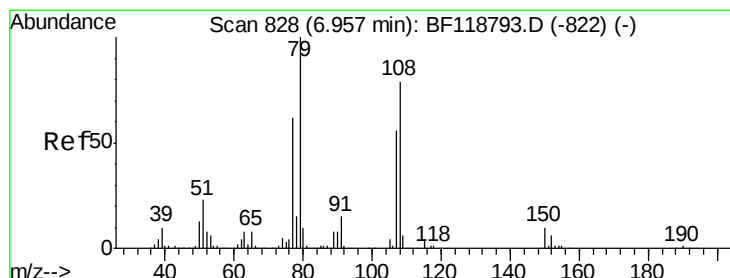
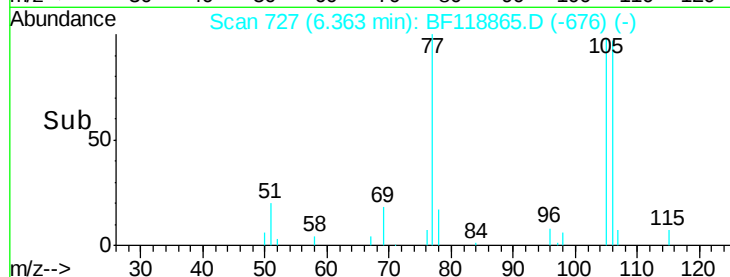
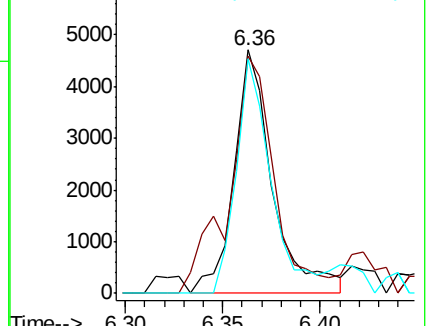
106 96.5 78.1 118.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 18.733 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.12 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

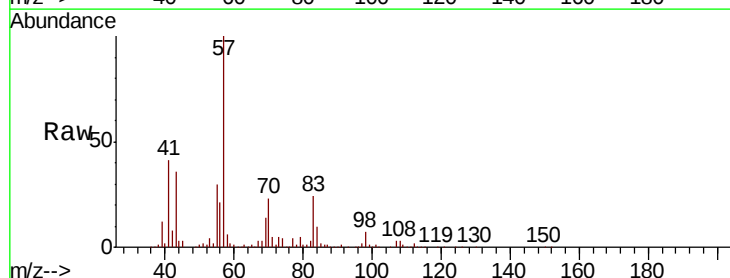
Tgt Ion: 79 Resp: 8206

Ion Ratio Lower Upper

79 100

108 66.6 62.9 94.3

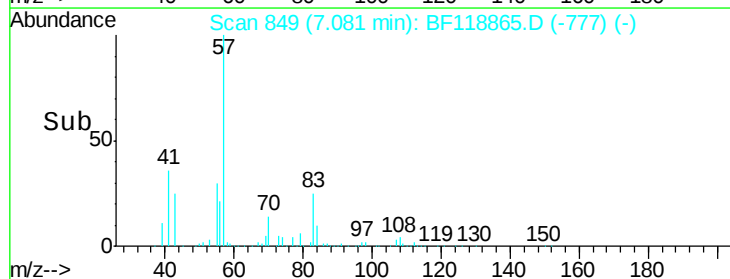
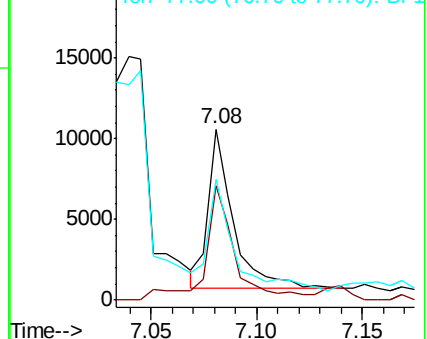
77 70.4 50.0 75.0

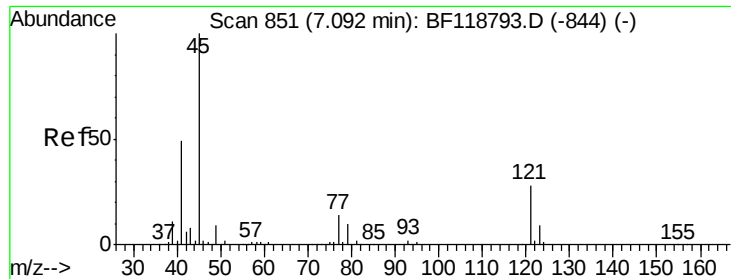


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

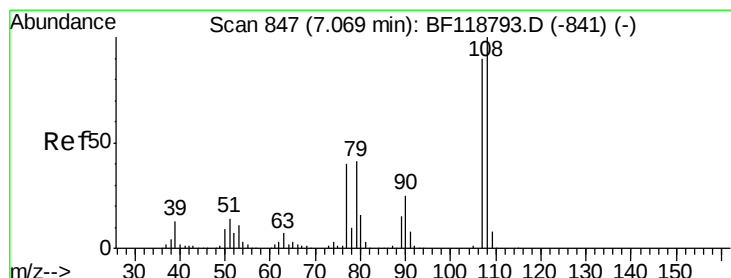
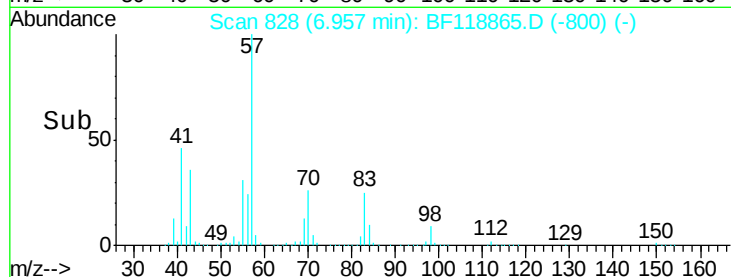
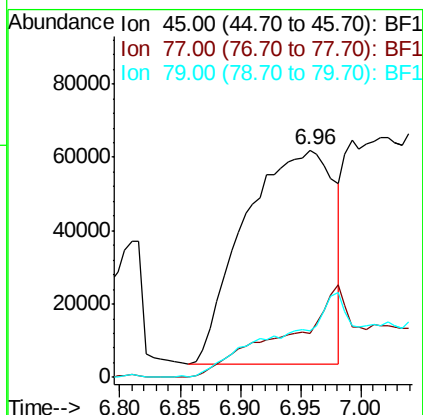
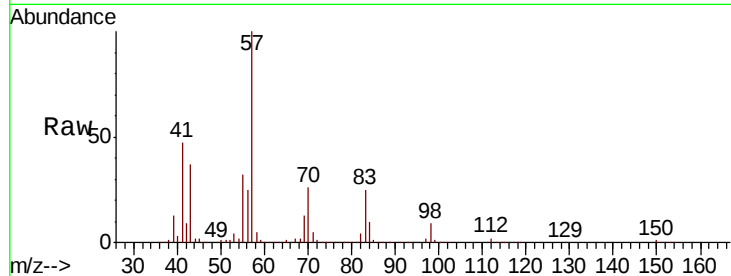




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 506.516 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.14 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

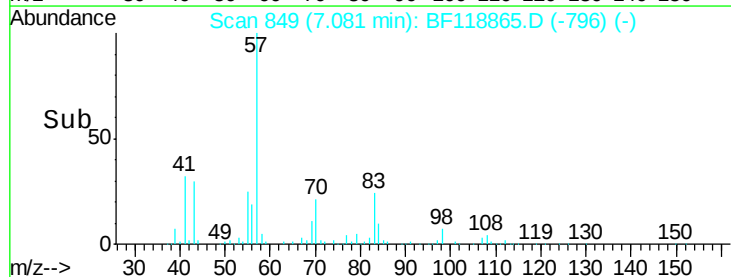
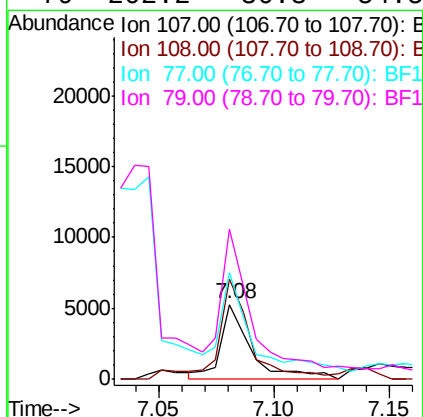
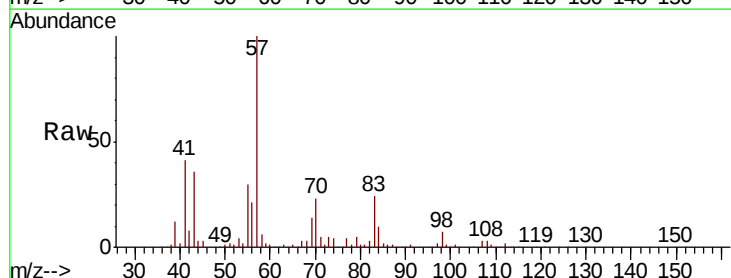
Instrument :
BNA_F
ClientSampleId :
EFF-WW

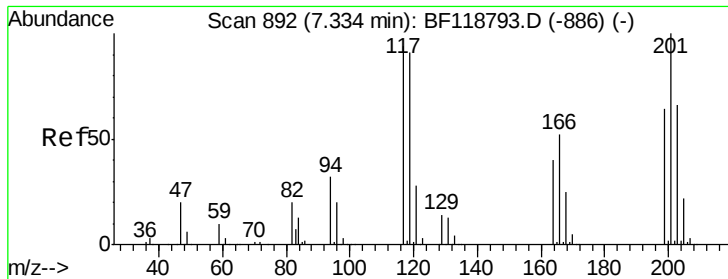
Tot Ion: 45 Resp: 299046
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.1
79 20.2 0.0 33.1



#17
2-Methylphenol
Concen: 11.335 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion: 107 Resp: 4792
Ion Ratio Lower Upper
107 100
108 134.8 89.3 133.9#
77 142.4 36.2 54.2#
79 202.2 36.3 54.5#

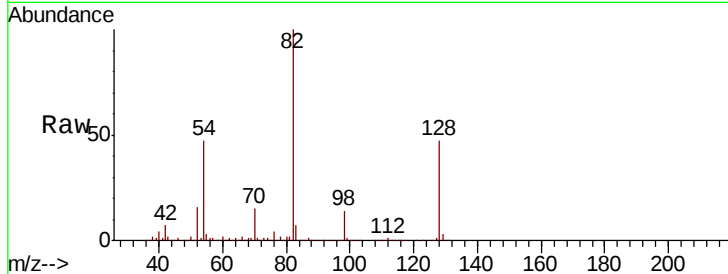




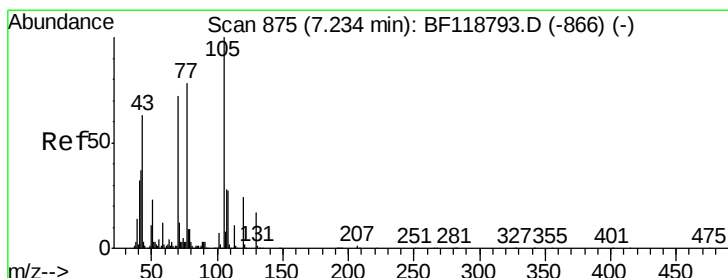
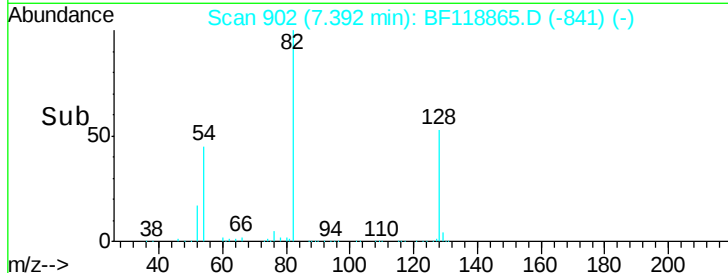
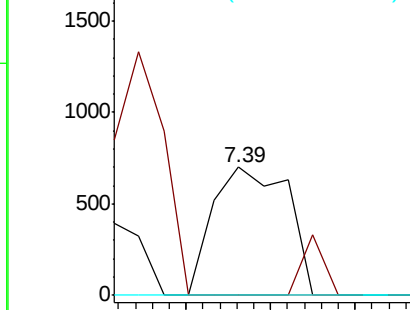
#18
Hexachloroethane
Concen: 3.987 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.06 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:117 Resp: 864
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
201 0.0 85.1 127.7#

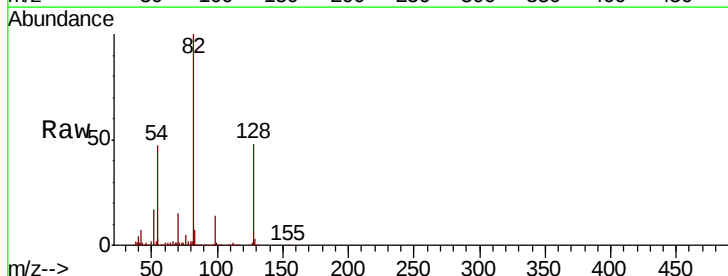


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

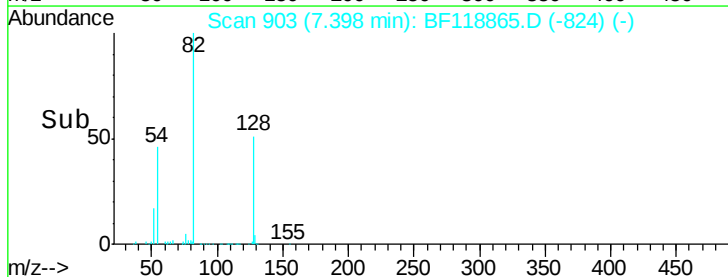
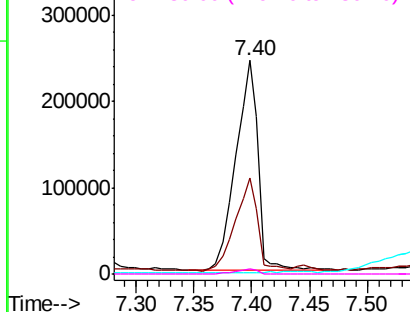


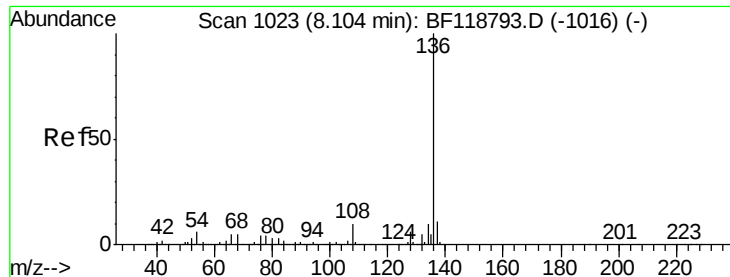
#19
n-Nitroso-di-n-propylamine
Concen: 929.108 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion: 70 Resp: 322174
Ion Ratio Lower Upper
70 100
42 45.0 41.5 62.3
101 0.8 8.3 12.5#
130 2.3 19.2 28.8#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.20 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

Tot Ion:136 Resp: 355

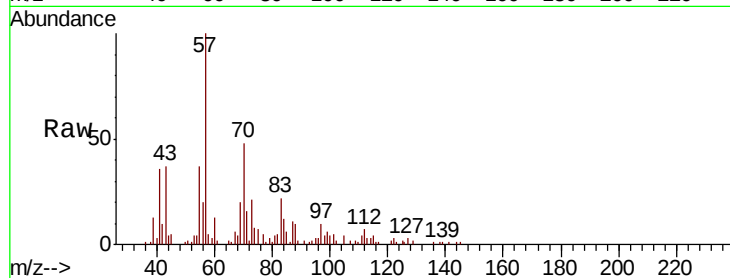
Ion Ratio Lower Upper

136 100

137 0.0 8.7 13.1#

54 269.6 5.0 7.6#

68 319.7 4.2 6.4#

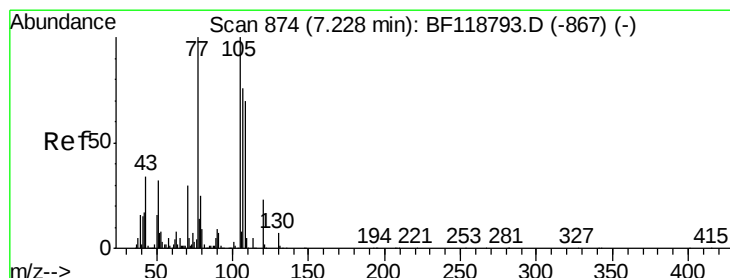
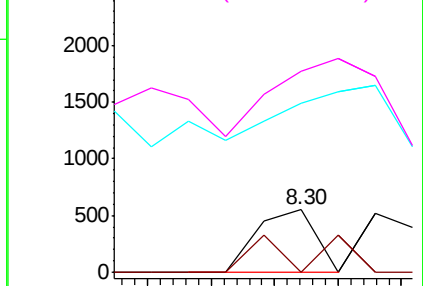
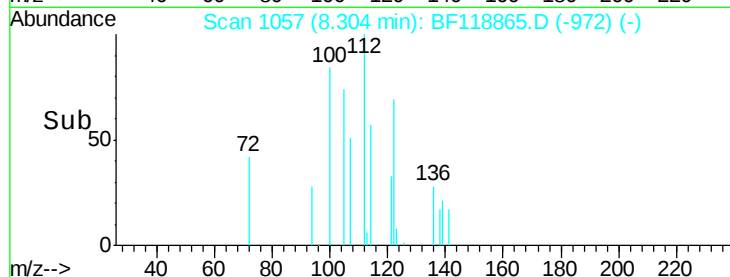


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.955 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Tgt Ion:105 Resp: 447

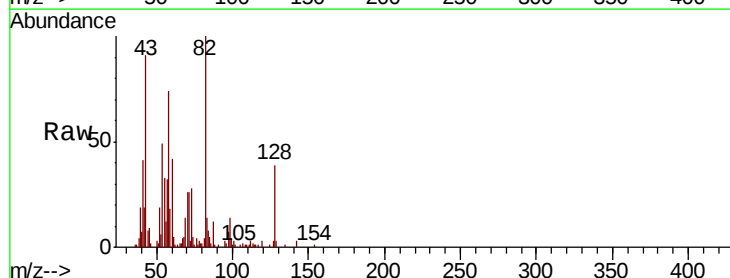
Ion Ratio Lower Upper

105 100

71 3684.3 4.2 6.4#

51 298.8 25.5 38.3#

120 0.0 18.6 28.0#

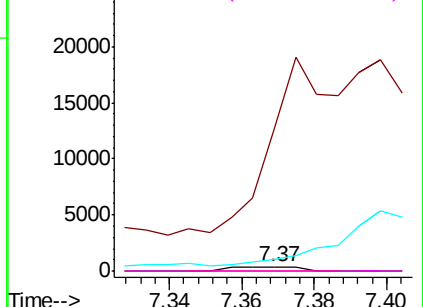
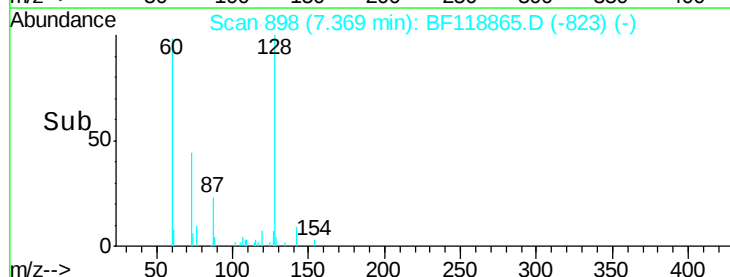


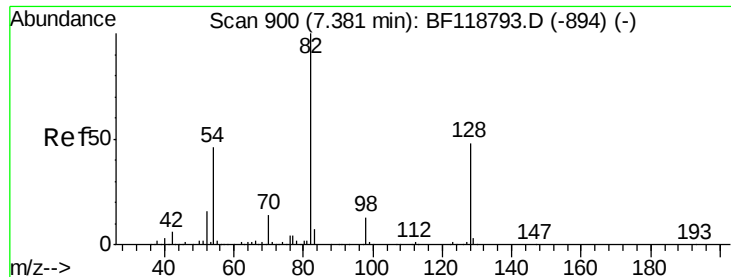
Abundance Ion 105.00 (104.70 to 105.70): E

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

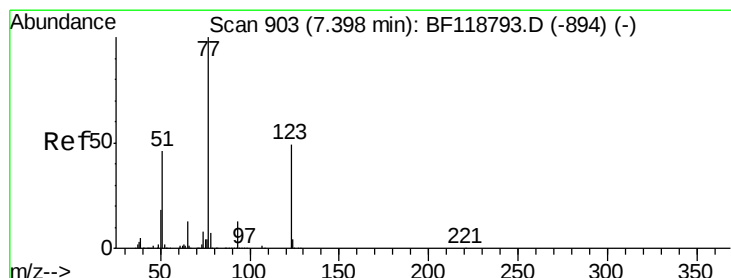
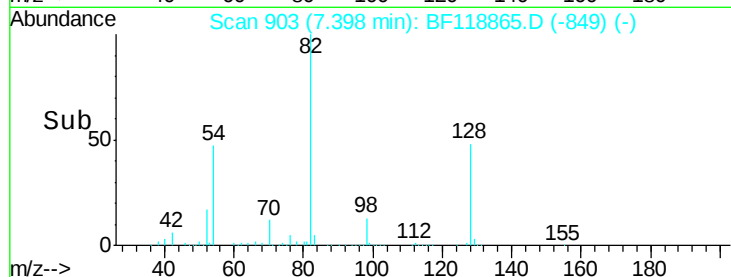
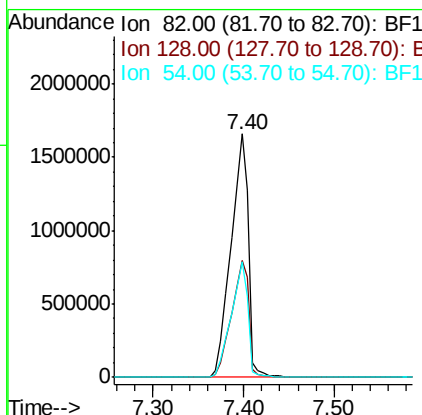
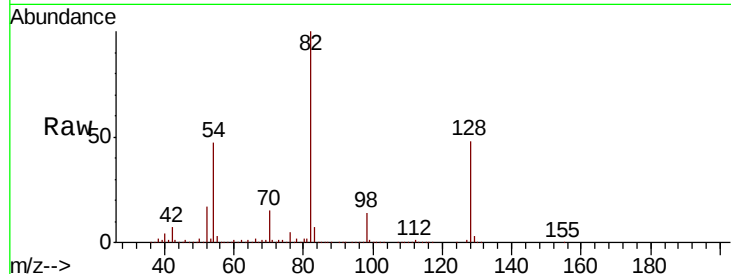




#23
 Nitrobenzene-d5
 Concen: 372970.908 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.02 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

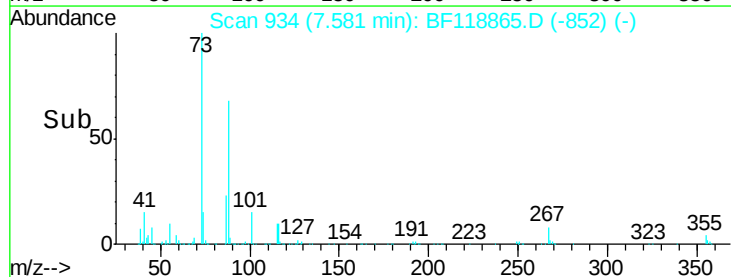
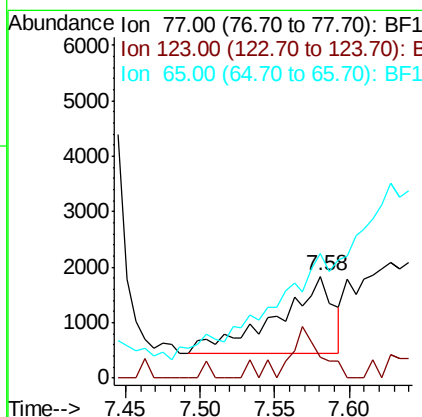
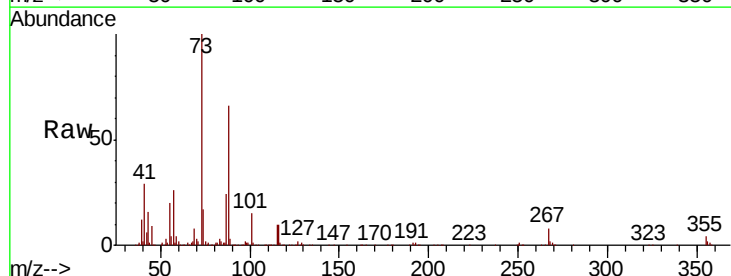
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

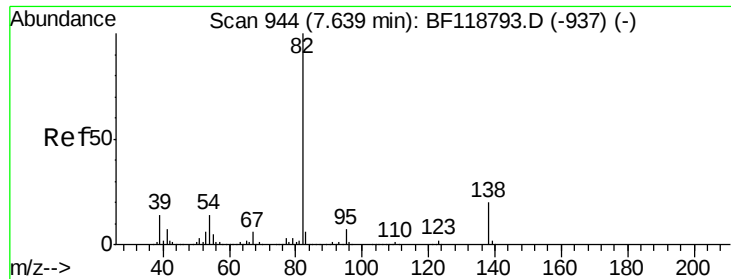
Tot Ion: 82 Resp: 2221371
 Ion Ratio Lower Upper
 82 100
 128 47.8 38.5 57.7
 54 47.3 36.7 55.1



#24
 Nitrobenzene
 Concen: 620.348 ng
 RT: 7.58 min Scan# 934
 Delta R.T. 0.18 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion: 77 Resp: 3691
 Ion Ratio Lower Upper
 77 100
 123 20.6 39.0 58.4#
 65 122.5 10.6 15.8#

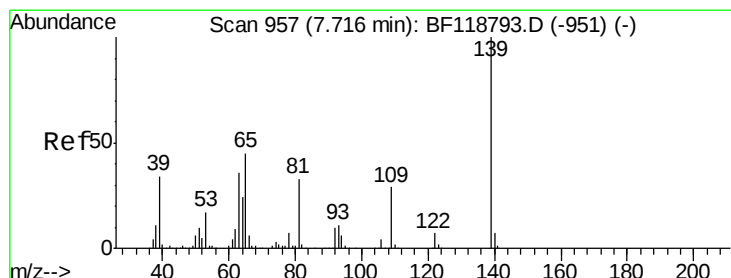
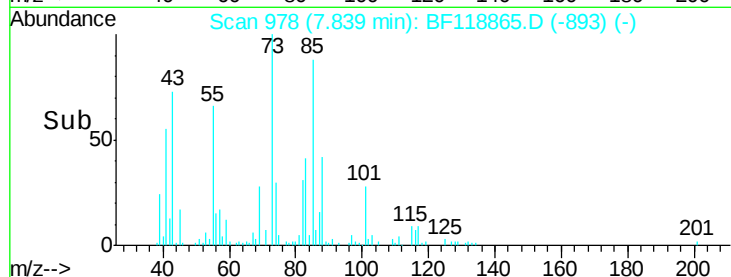
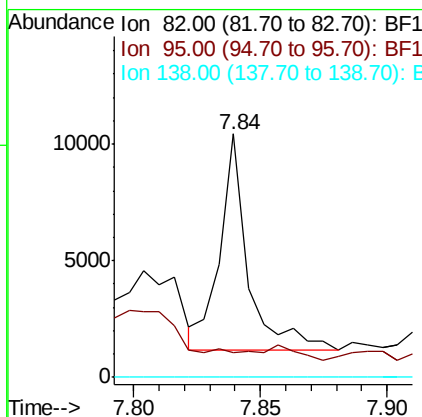
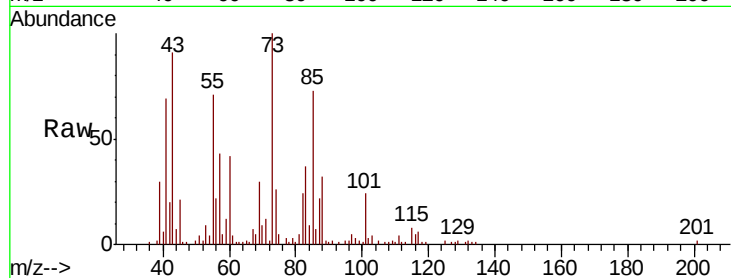




#25
Isophorone
Concen: 677.412 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.20 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

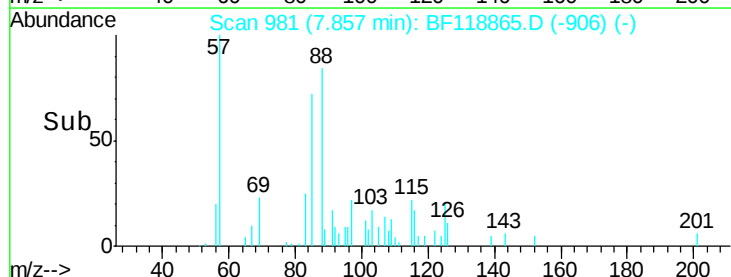
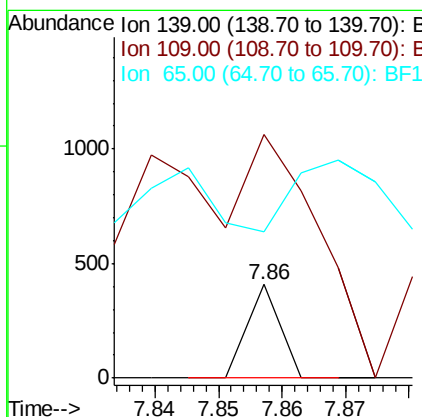
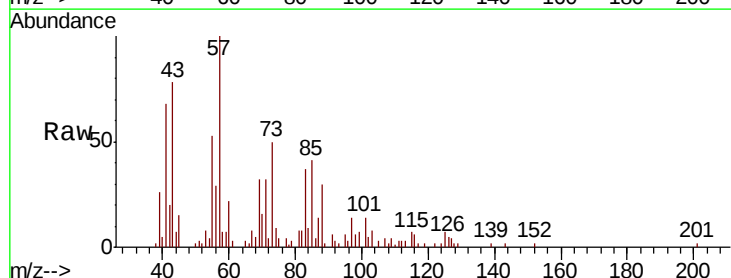
Instrument :
BNA_F
ClientSampleId :
EFF-WW

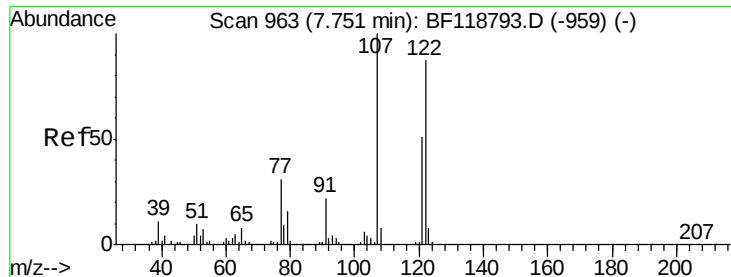
Tot Ion: 82 Resp: 7251
Ion Ratio Lower Upper
82 100
95 10.3 6.0 9.0#
138 0.0 15.7 23.5#



#26
2-Nitrophenol
Concen: 45.419 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.14 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion: 139 Resp: 144
Ion Ratio Lower Upper
139 100
109 260.5 23.4 35.0#
65 157.1 36.2 54.2#

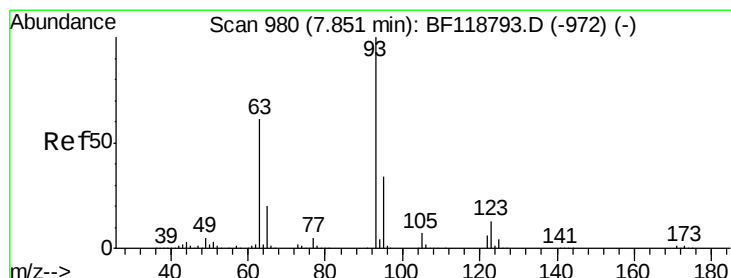
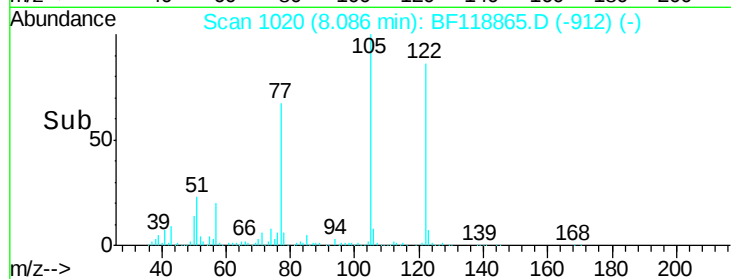
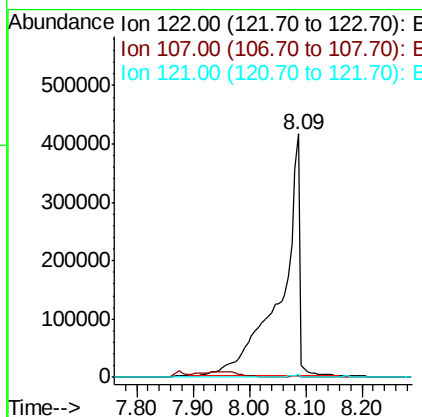
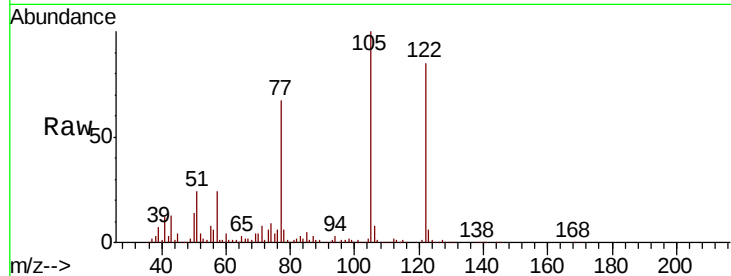




#27
 2,4-Dimethylphenol
 Concen: 219396.104 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.34 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

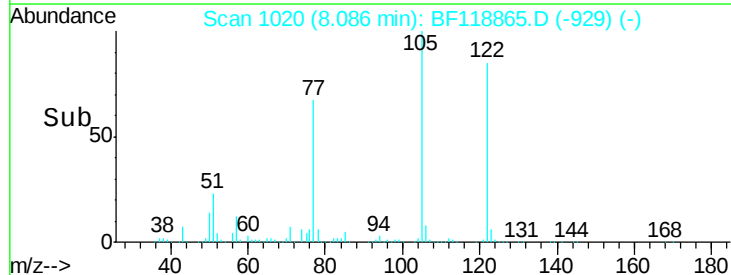
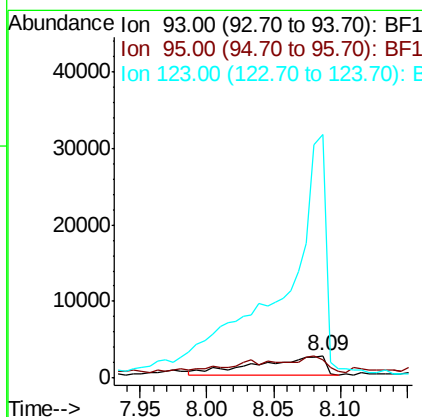
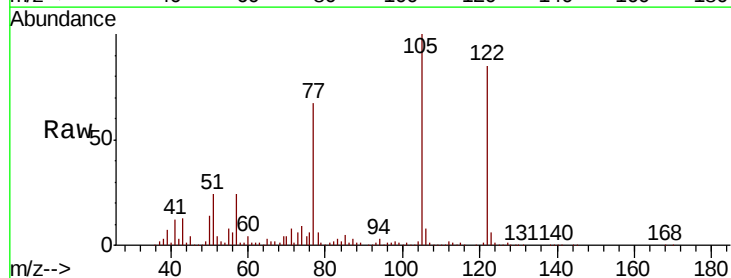
Instrument :
 BNA_F
 ClientSampled :
 EFF-WW

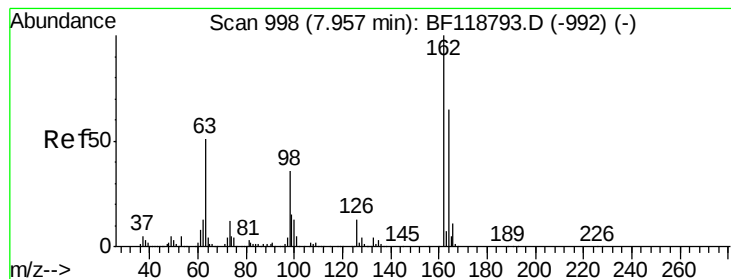
Tot Ion:122 Resp: 944892
 Ion Ratio Lower Upper
 122 100
 107 0.7 92.2 138.2#
 121 1.2 46.8 70.2#



#28
 bis(2-Chloroethoxy)methane
 Concen: 1212.233 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.24 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion: 93 Resp: 8414
 Ion Ratio Lower Upper
 93 100
 95 81.6 27.0 40.4#
 123 1085.2 10.6 15.8#





#29

2,4-Dichlorophenol

Concen: 501.384 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.26 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampled :

EFF-WW

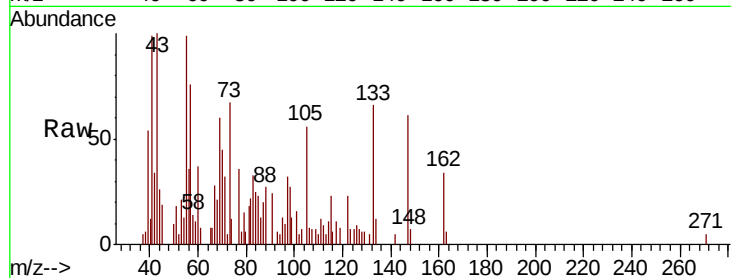
Tot Ion:162 Resp: 2586

Ion Ratio Lower Upper

162 100

164 0.0 44.8 84.8#

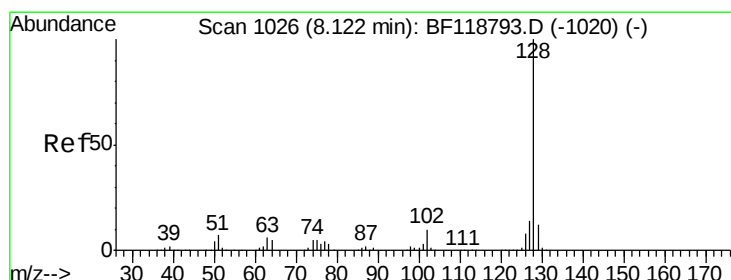
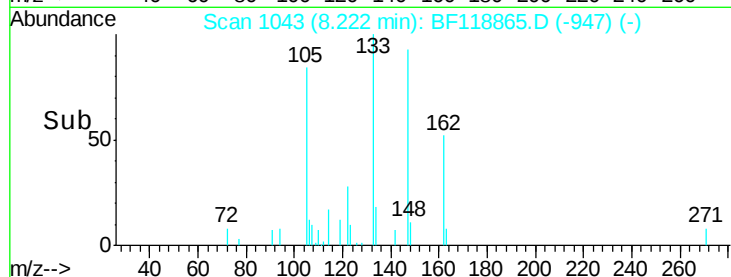
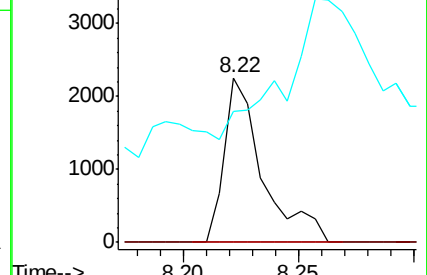
98 79.4 16.4 56.4#



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



#31

Naphthalene

Concen: 23.712 ng

RT: 8.38 min Scan# 1070

Delta R.T. 0.26 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

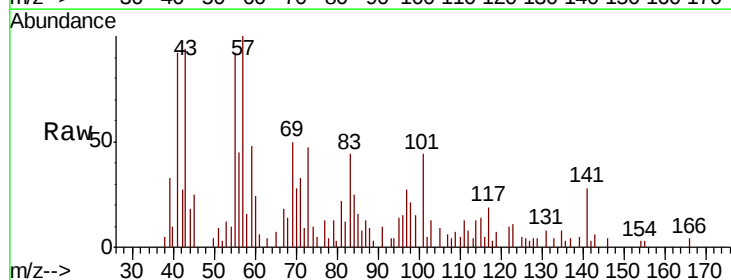
Tgt Ion:128 Resp: 385

Ion Ratio Lower Upper

128 100

129 90.0 9.4 14.2#

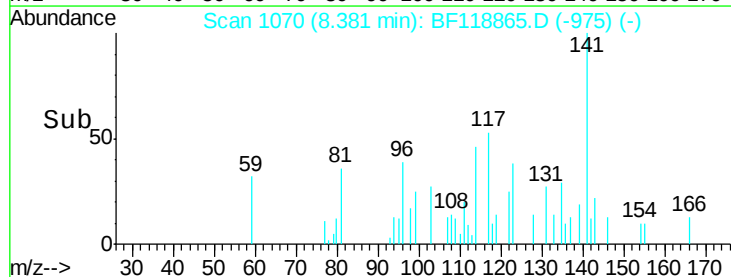
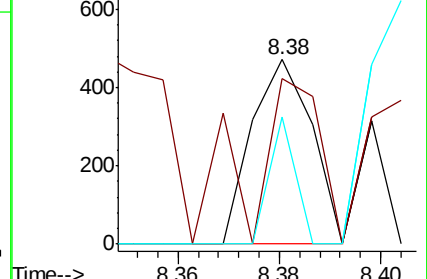
127 69.0 11.3 16.9#

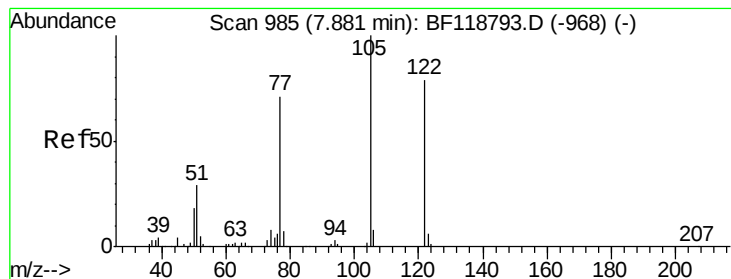


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 264988.249 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.21 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

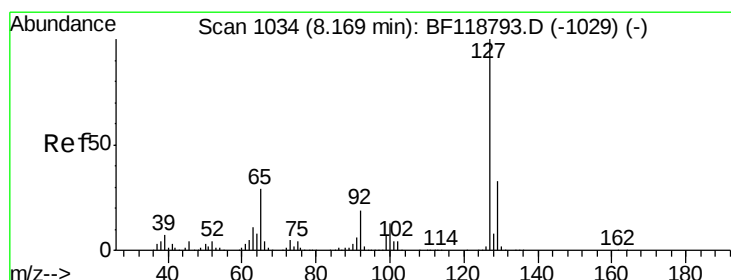
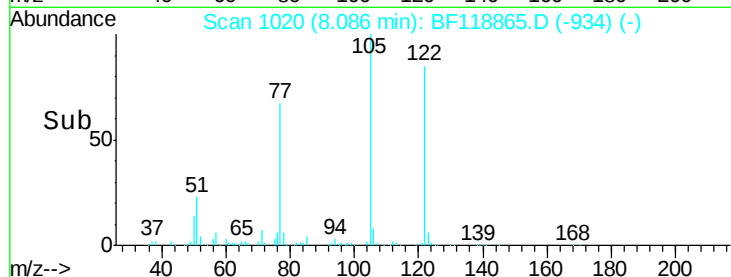
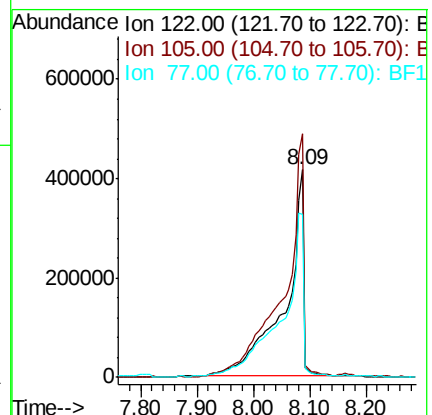
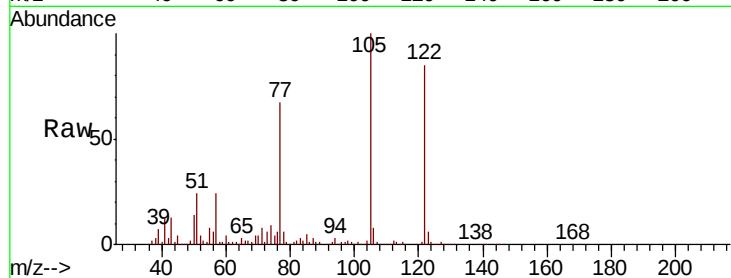
Tot Ion:122 Resp: 944892

Ion Ratio Lower Upper

122 100

105 117.4 104.4 144.4

77 78.8 69.3 109.3



#33

4-Chloroaniline

Concen: 277.531 ng

RT: 8.42 min Scan# 1076

Delta R.T. 0.25 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Tgt Ion:127 Resp: 2016

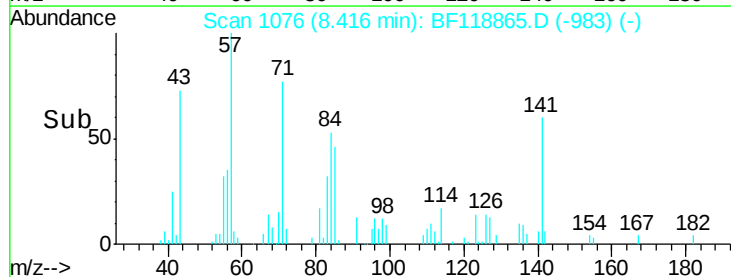
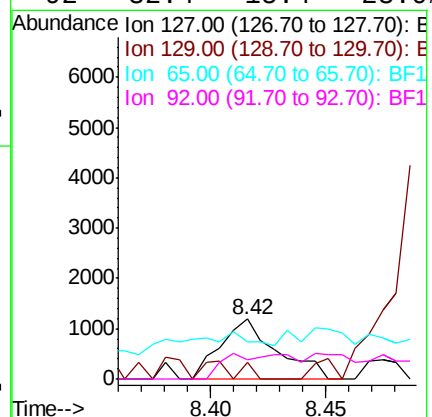
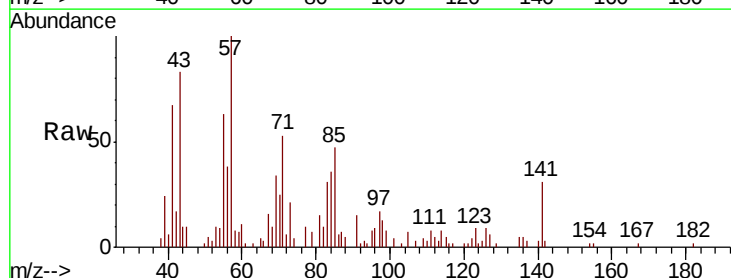
Ion Ratio Lower Upper

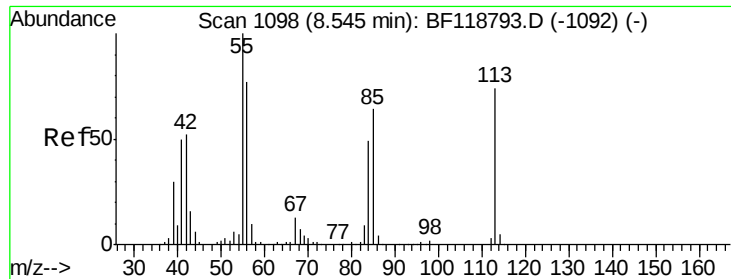
127 100

129 28.2 26.7 40.1

65 62.0 22.9 34.3#

92 32.4 15.4 23.0#

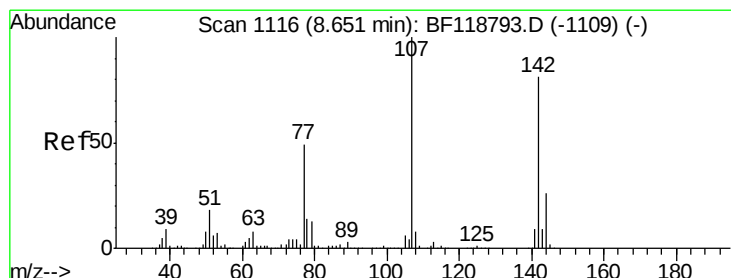
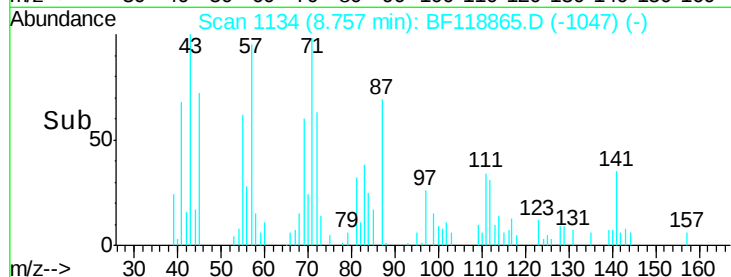
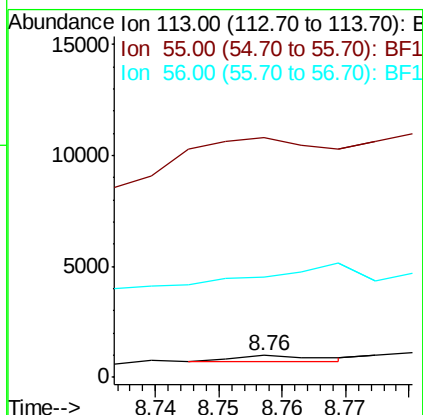
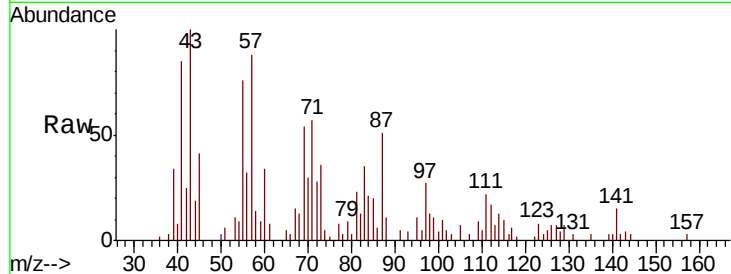




#35
 Caprolactam
 Concen: 172.247 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. 0.21 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

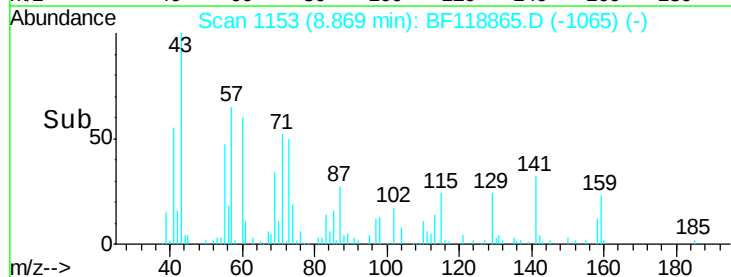
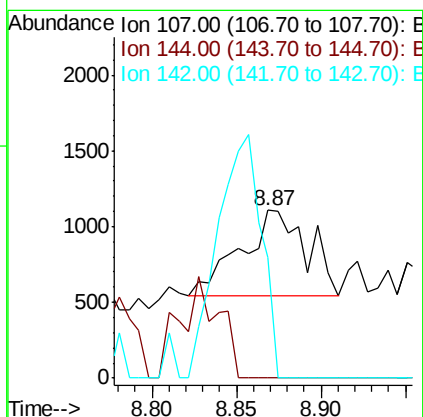
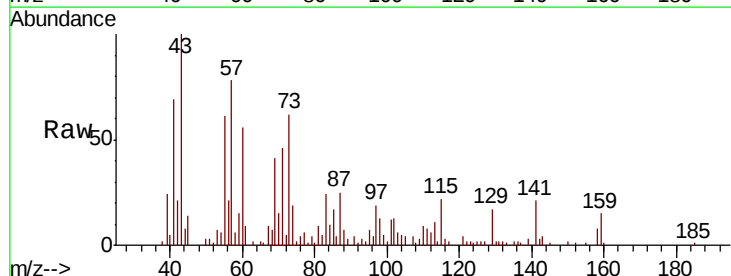
Instrument :
 BNA_F
 ClientSampleID :
 EFF-WW

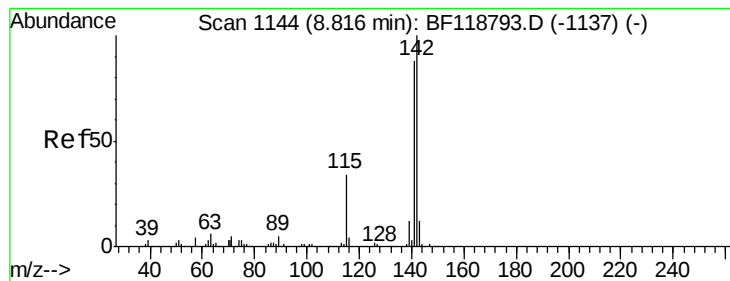
Tot Ion:113 Resp: 288
 Ion Ratio Lower Upper
 113 100
 55 1088.0 115.5 155.5#
 56 452.0 83.7 123.7#



#36
 4-Chloro-3-methylphenol
 Concen: 298.234 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.22 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion:107 Resp: 1548
 Ion Ratio Lower Upper
 107 100
 144 0.0 21.0 31.6#
 142 72.2 64.8 97.2





#37

2-Methylnaphthalene

Concen: 69.623 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.31 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

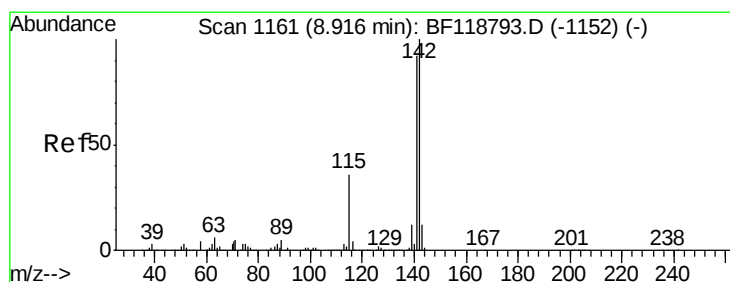
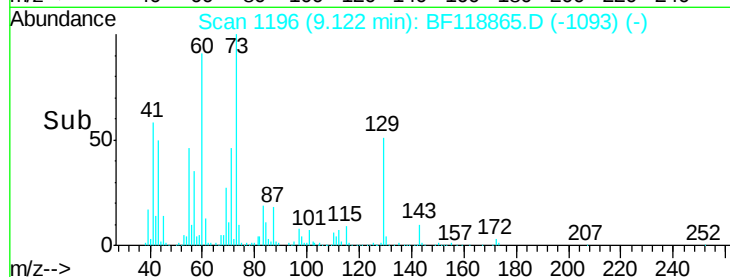
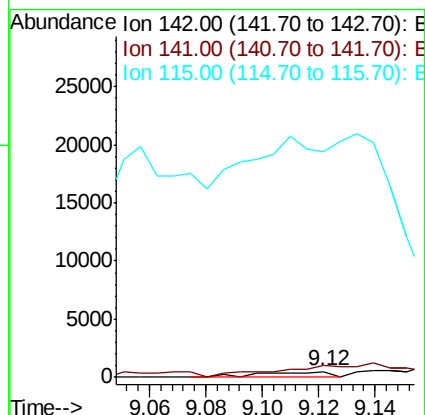
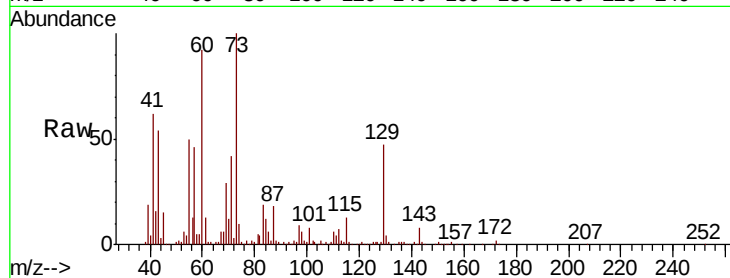
Tot Ion:142 Resp: 784

Ion Ratio Lower Upper

142 100

141 205.3 70.1 105.1#

115 3927.3 27.3 40.9#



#38

1-Methylnaphthalene

Concen: 74.011 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.21 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

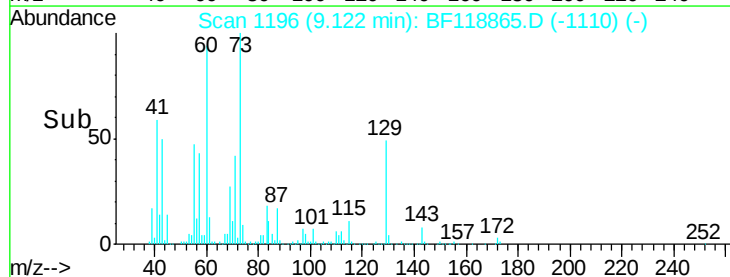
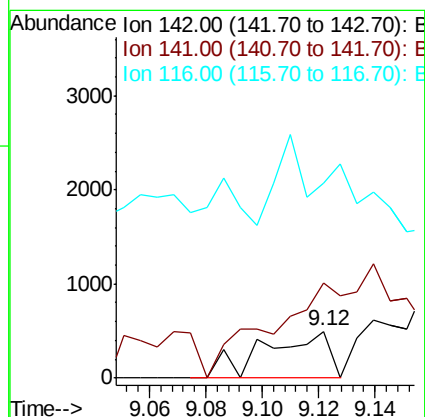
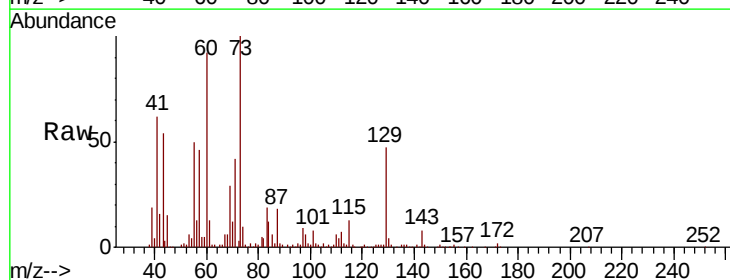
Tgt Ion:142 Resp: 784

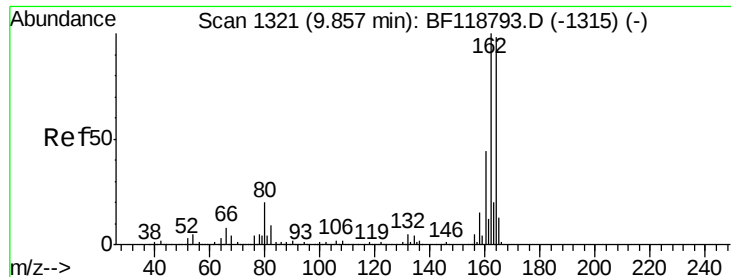
Ion Ratio Lower Upper

142 100

141 205.3 73.8 110.6#

116 419.8 3.0 4.4#

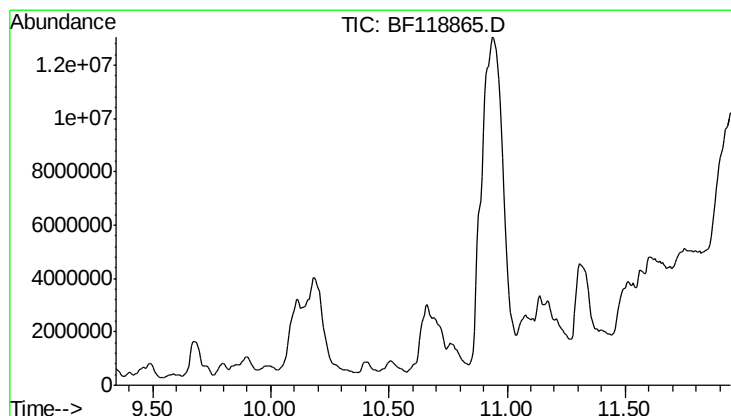
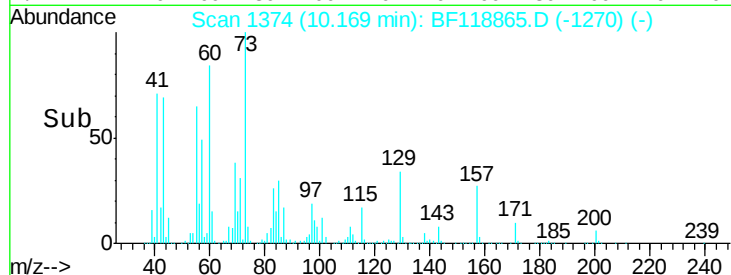
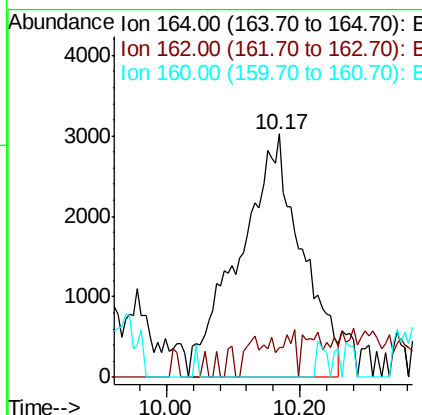
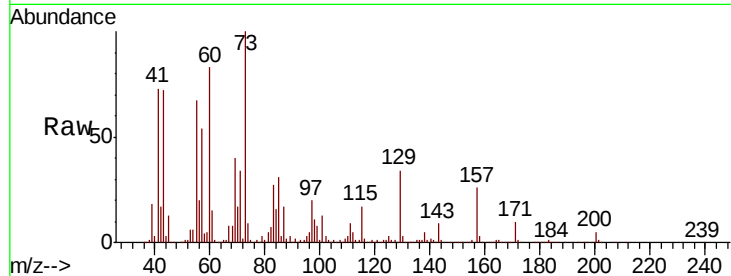




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.31 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

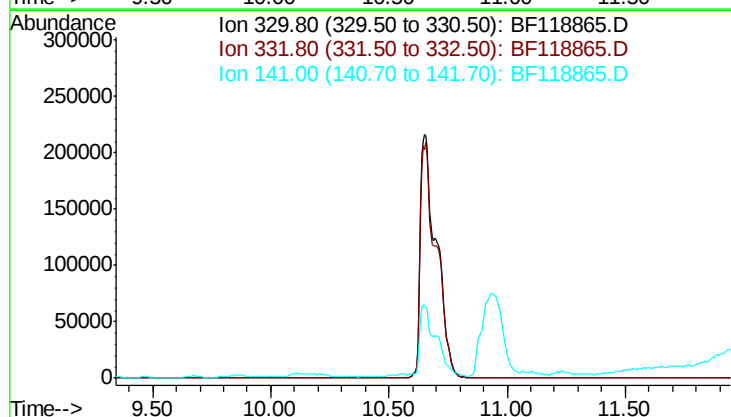
Tot Ion:164 Resp: 19519
 Ion Ratio Lower Upper
 164 100
 162 12.0 81.4 122.2#
 160 0.0 35.6 53.4#

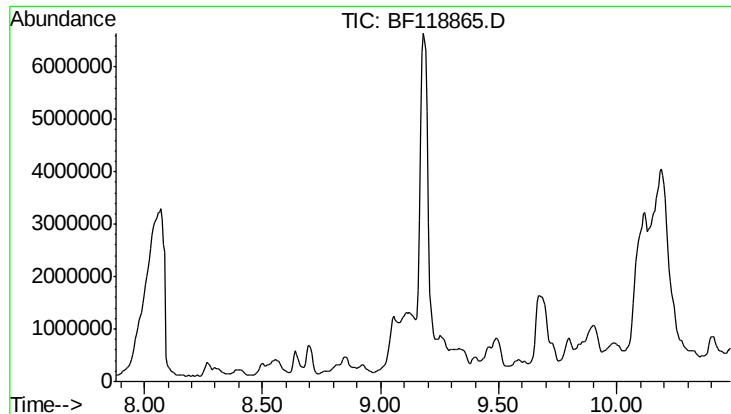


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.65 min

Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 28.0

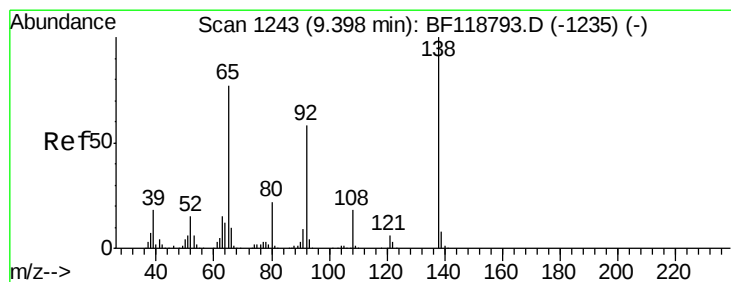
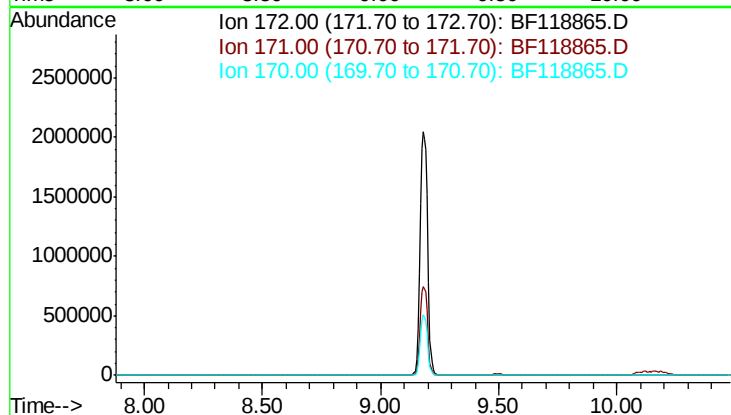




#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.18 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

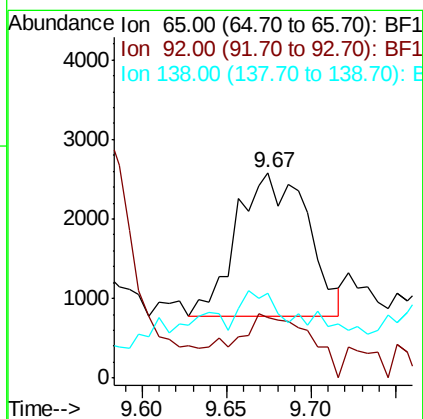
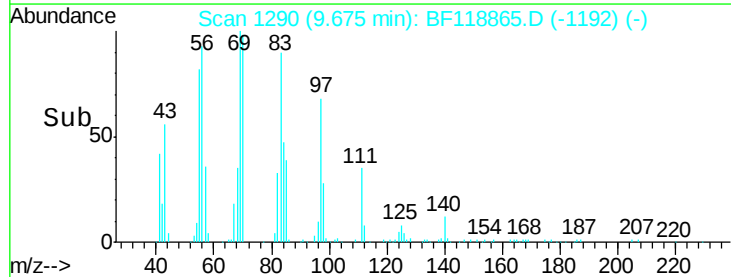
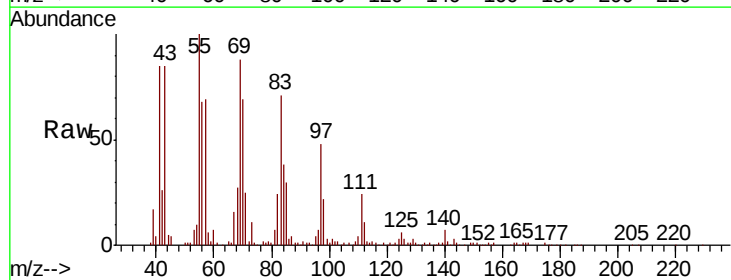
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

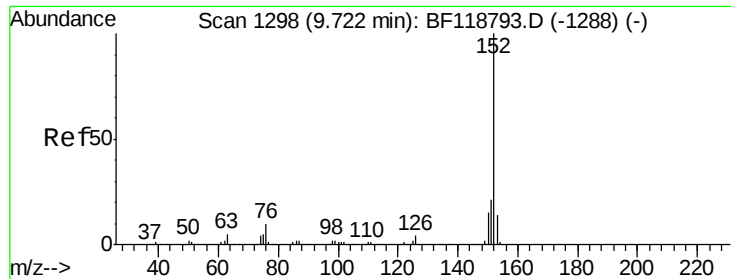
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 38.5
 170 25.6



#48
 2-Nitroaniline
 Concen: 16.260 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.28 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion: 65 Resp: 5264
 Ion Ratio Lower Upper
 65 100
 92 29.8 60.6 91.0#
 138 41.4 104.6 156.8#





#49

Acenaphthylene

Concen: 5.040 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.18 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

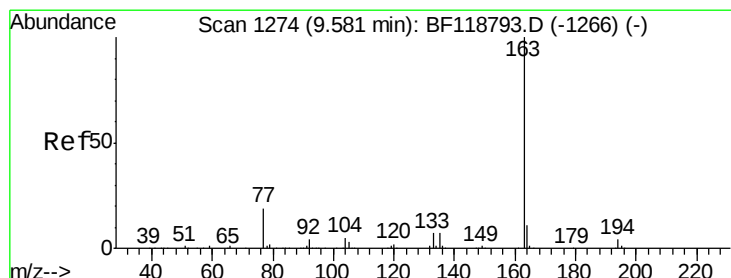
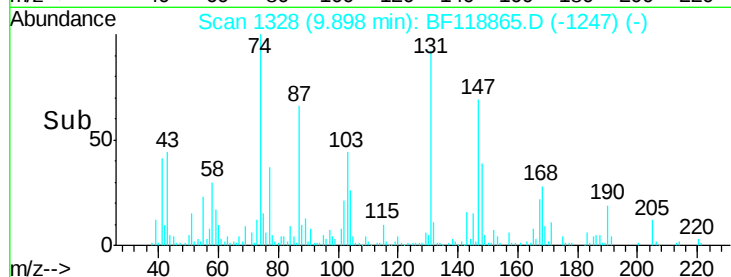
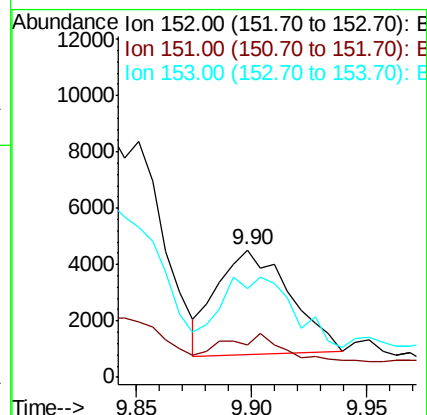
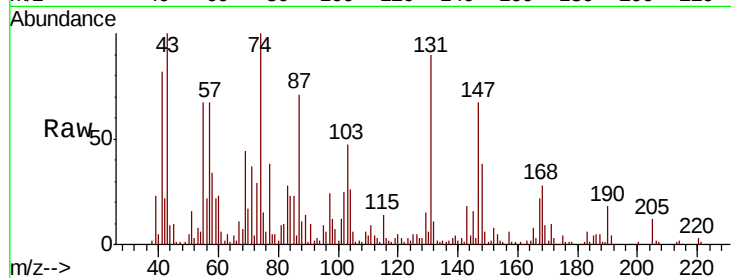
Tot Ion:152 Resp: 8169

Ion Ratio Lower Upper

152 100

151 25.9 17.1 25.7#

153 69.5 11.0 16.4#



#50

Dimethylphthalate

Concen: 3.930 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.28 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

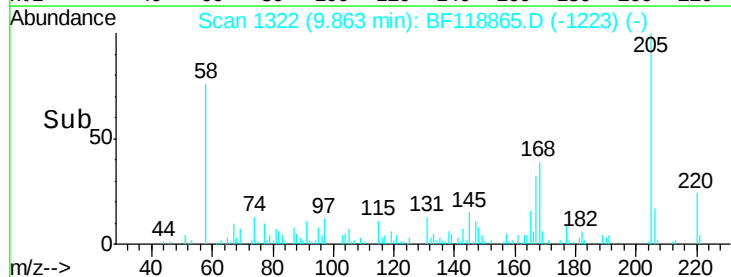
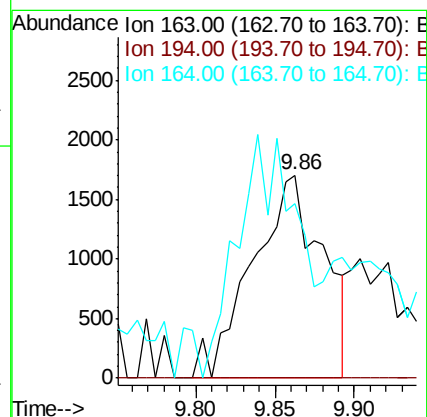
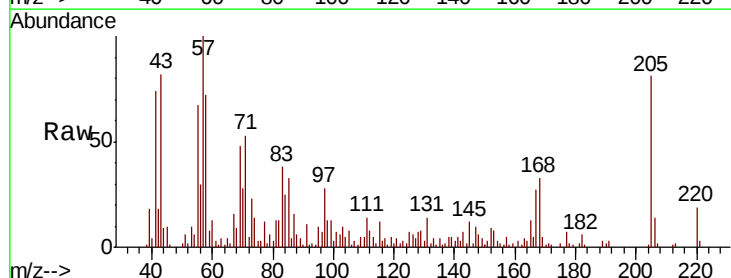
Tgt Ion:163 Resp: 5223

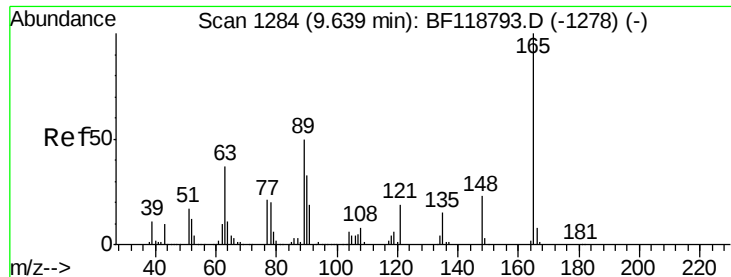
Ion Ratio Lower Upper

163 100

194 0.0 3.6 5.4#

164 85.9 8.7 13.1#





#51

2,6-Dinitrotoluene

Concen: 42.749 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.26 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

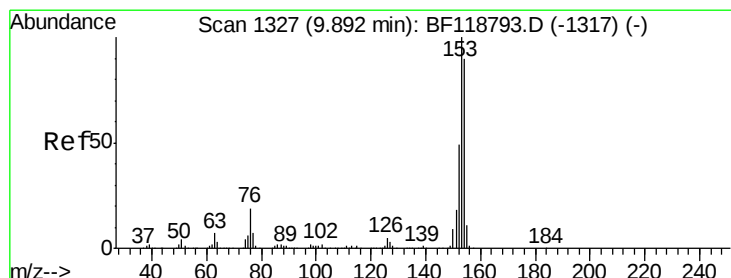
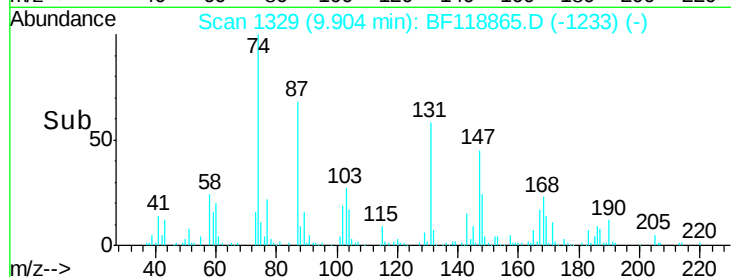
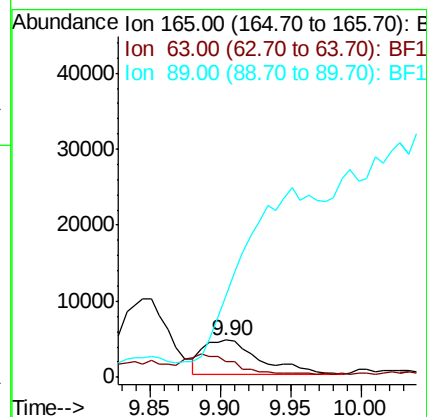
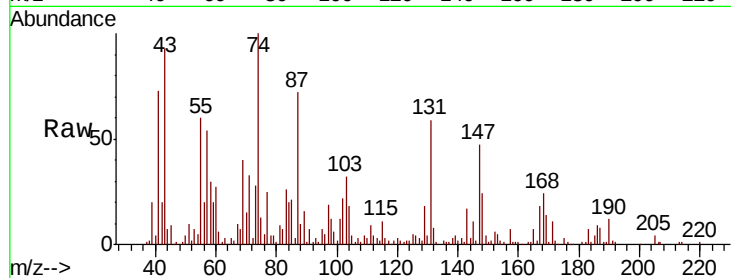
Tot Ion:165 Resp: 13000

Ion Ratio Lower Upper

165 100

63 43.4 37.4 56.0

89 217.0 39.7 59.5#



#52

Acenaphthene

Concen: 20.072 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.29 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

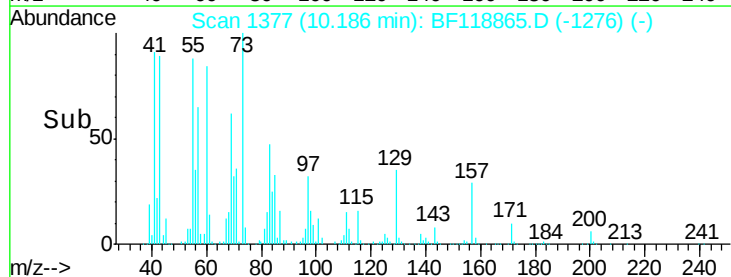
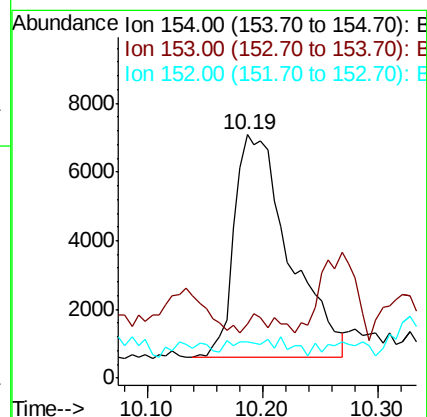
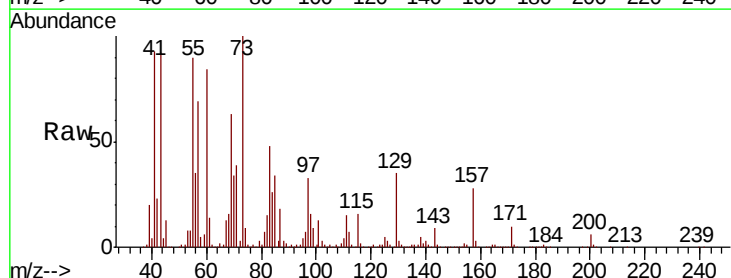
Tgt Ion:154 Resp: 21436

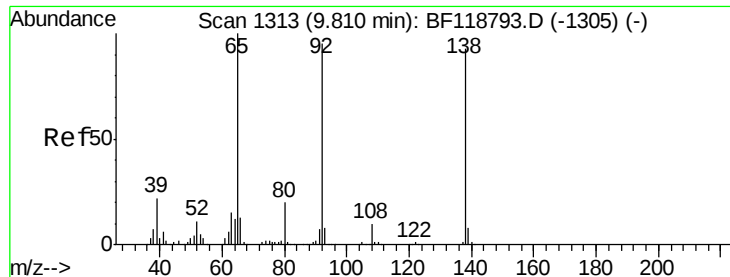
Ion Ratio Lower Upper

154 100

153 22.1 89.4 134.0#

152 14.9 43.6 65.4#

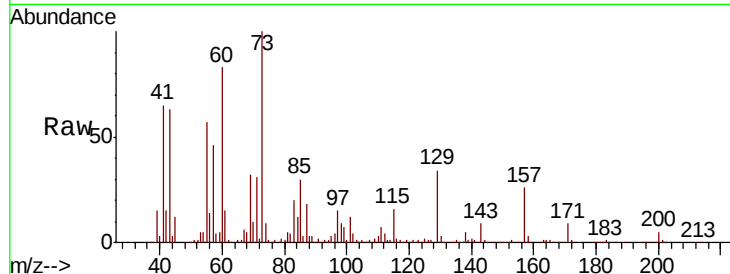




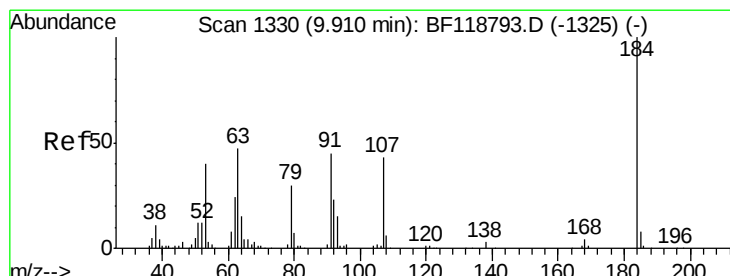
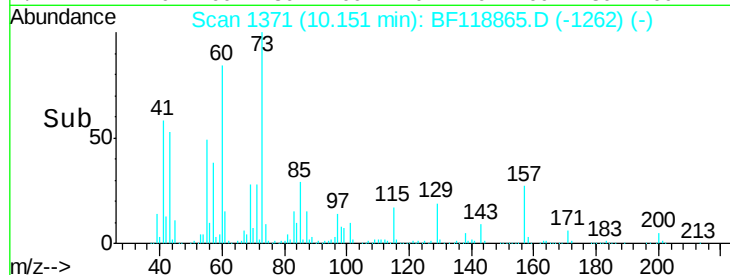
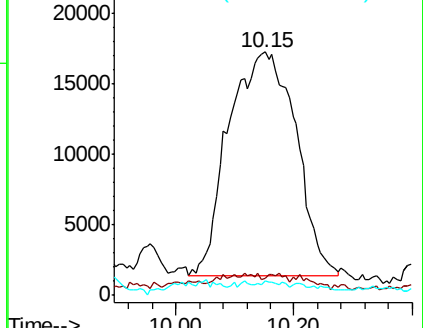
#53
3-Nitroaniline
Concen: 373.277 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.34 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:138 Resp: 125891
Ion Ratio Lower Upper
138 100
108 7.0 8.5 12.7#
92 6.0 82.2 123.4#

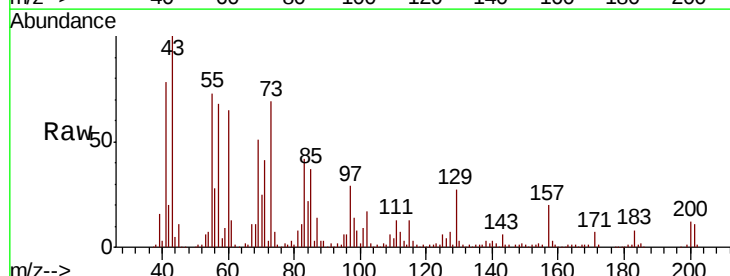


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

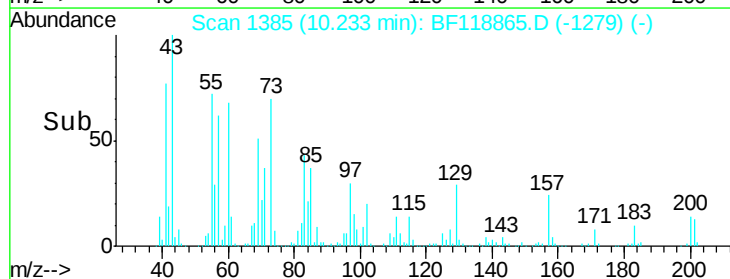
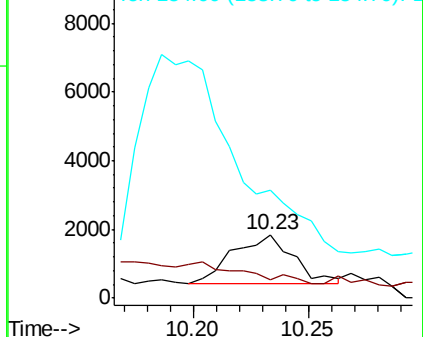


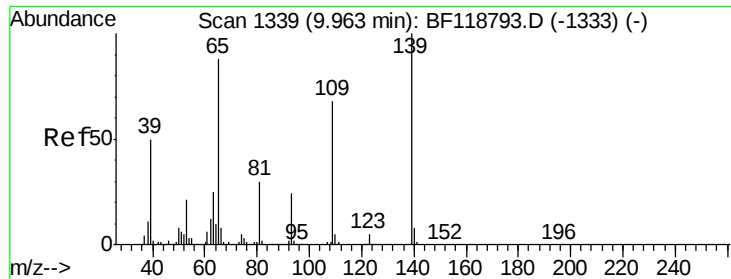
#54
2,4-Dinitrophenol
Concen: 17.443 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.32 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion:184 Resp: 2550
Ion Ratio Lower Upper
184 100
63 29.5 47.5 71.3#
154 171.5 48.6 72.8#



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

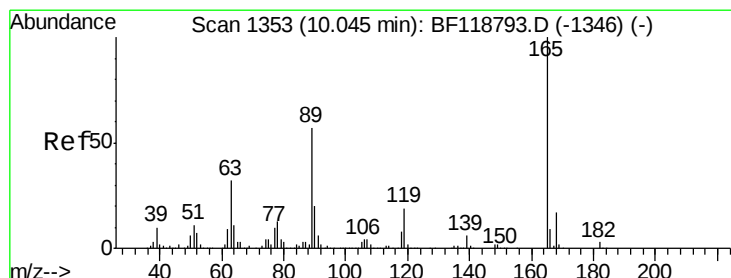
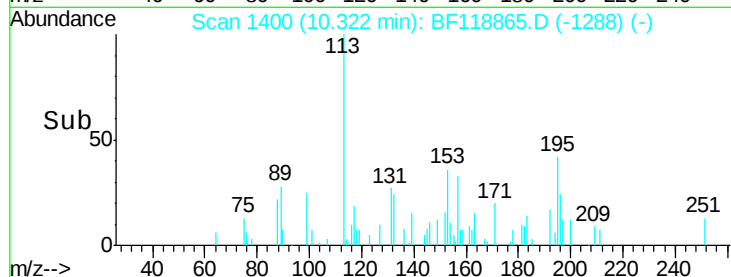
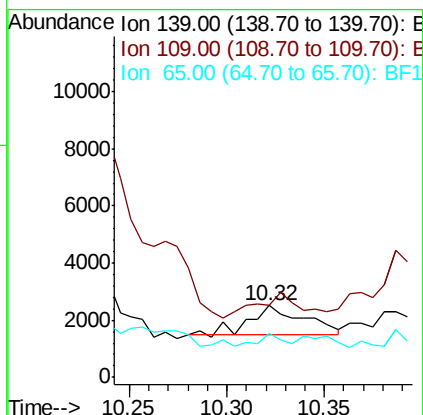
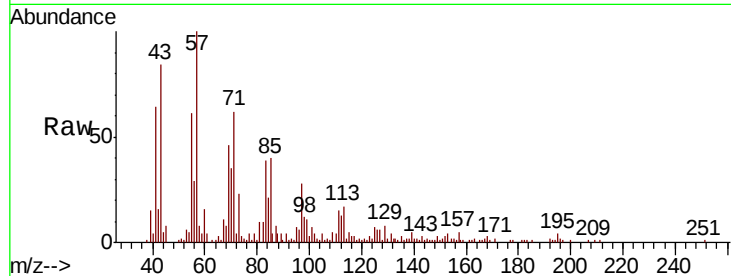




#56
4-Nitrophenol
Concen: 7.923 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.36 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

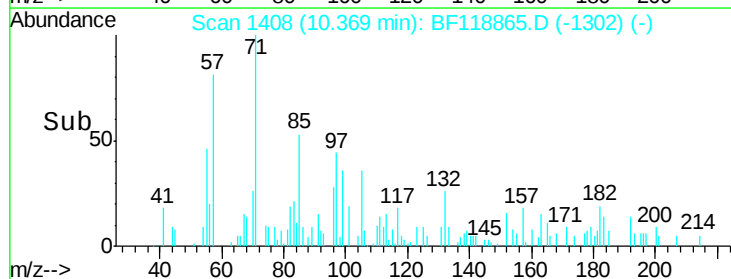
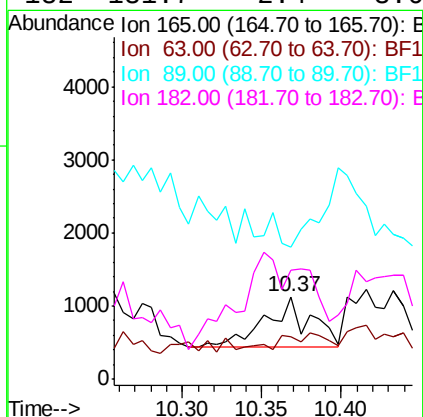
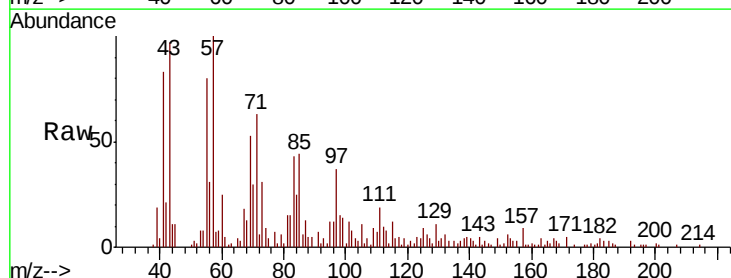
Instrument :
BNA_F
ClientSampleId :
EFF-WW

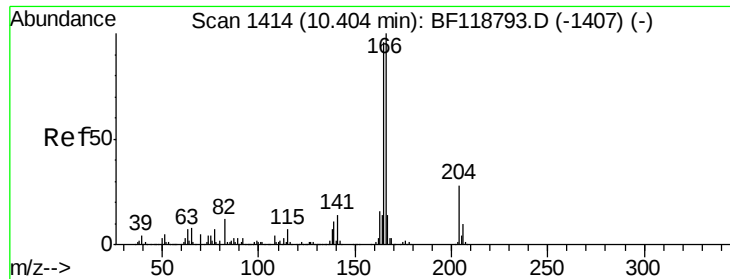
Tot Ion:139 Resp: 1934
Ion Ratio Lower Upper
139 100
109 100.6 48.0 88.0#
65 61.5 68.3 108.3#



#57
2,4-Dinitrotoluene
Concen: 3.419 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.32 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion:165 Resp: 1376
Ion Ratio Lower Upper
165 100
63 52.0 25.5 38.3#
89 160.5 45.4 68.0#
182 131.7 2.4 3.6#





#58

Fluorene

Concen: 38.260 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.25 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

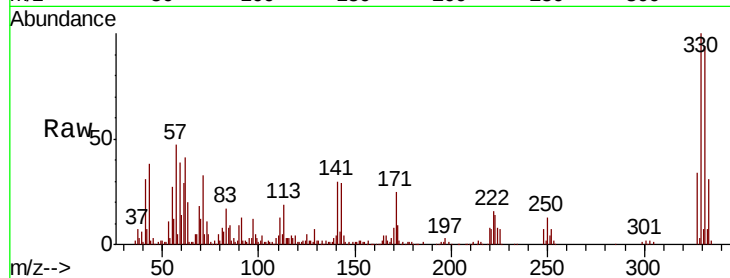
Tot Ion:166 Resp: 44425

Ion Ratio Lower Upper

166 100

165 95.8 77.0 115.6

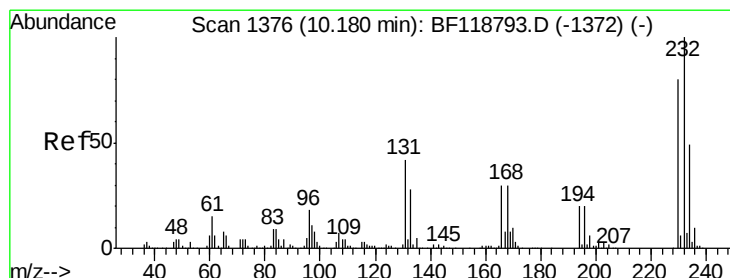
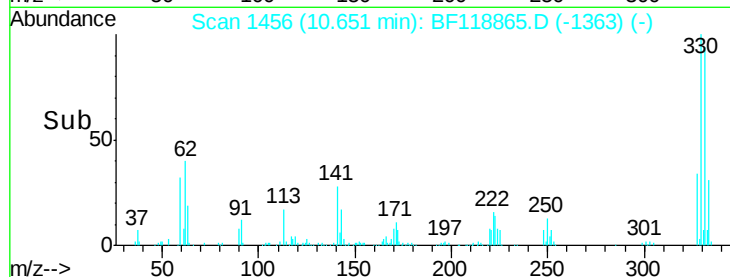
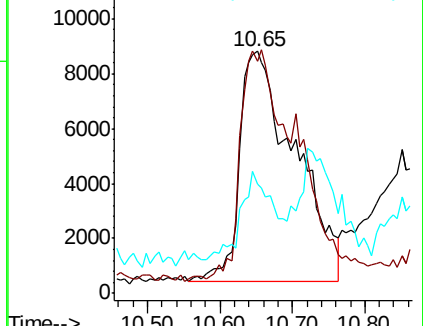
167 45.1 11.1 16.7#



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: 6.008 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.30 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Tgt Ion:232 Resp: 2112

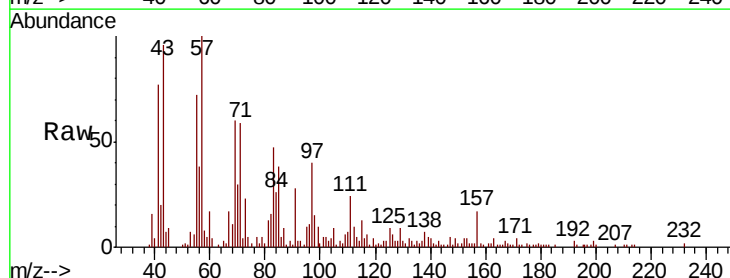
Ion Ratio Lower Upper

232 100

131 51.6 31.8 47.6#

130 111.1 1.6 2.4#

166 0.0 23.1 34.7#

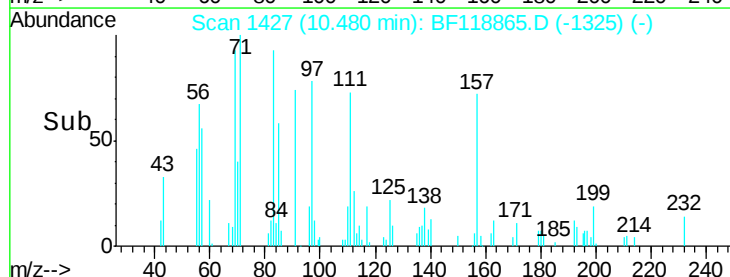
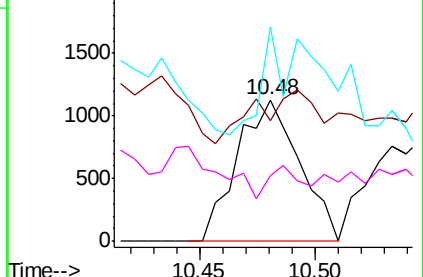


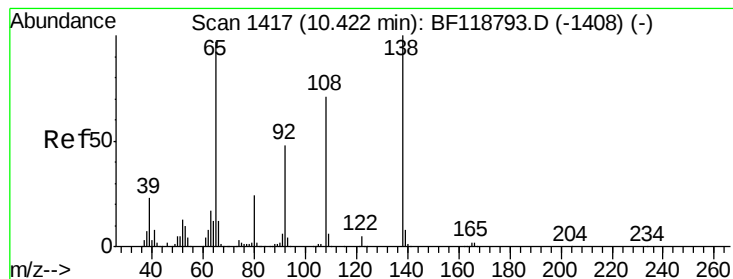
Abundance Ion 232.00 (231.70 to 232.70): E

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





#62

4-Nitroaniline

Concen: 122.507 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.51 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

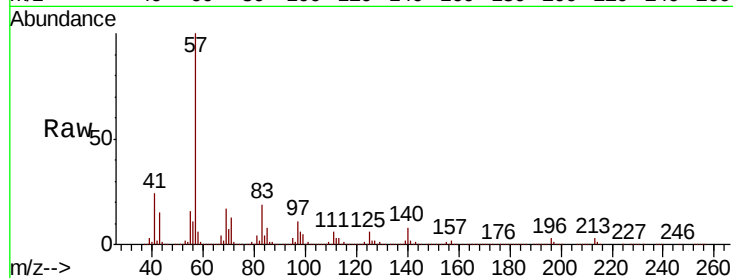
Tot Ion:138 Resp: 41375

Ion Ratio Lower Upper

138 100

92 24.6 27.6 67.6#

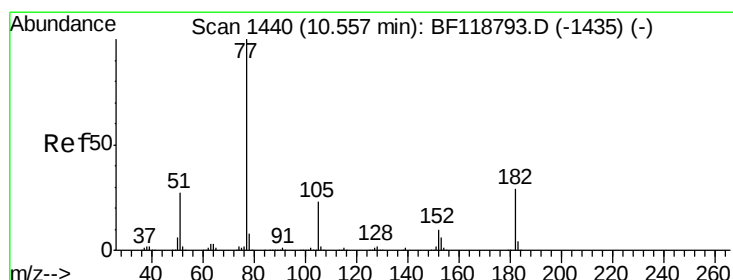
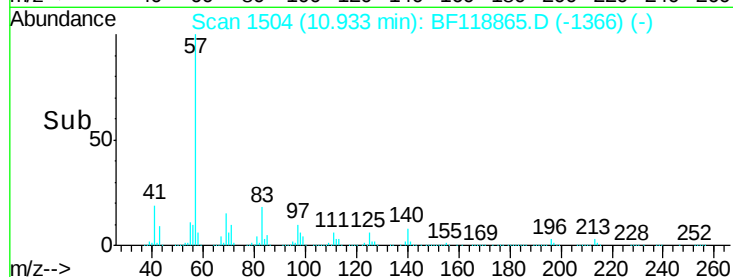
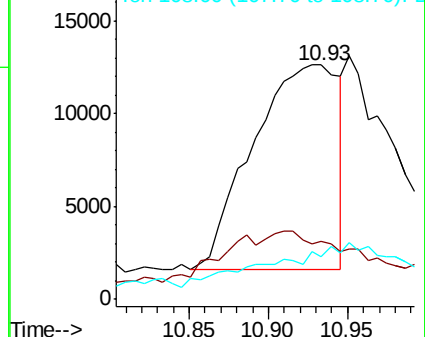
108 18.4 51.3 91.3#



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



#63

Azobenzene

Concen: 98.607 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.38 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Tgt Ion: 77 Resp: 108796

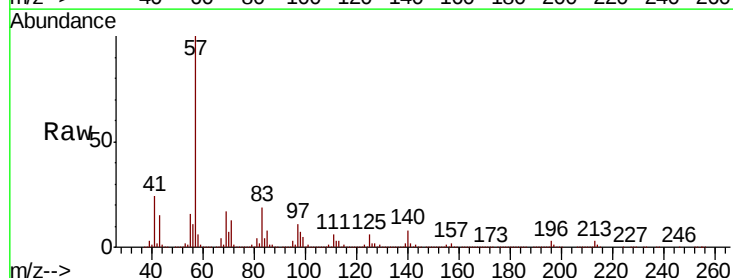
Ion Ratio Lower Upper

77 100

182 54.1 9.2 49.2#

105 39.3 3.1 43.1

51 35.4 7.4 47.4

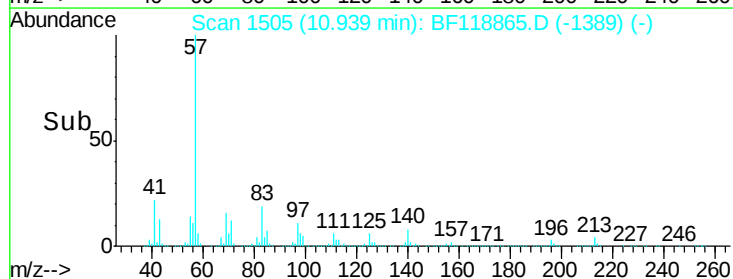
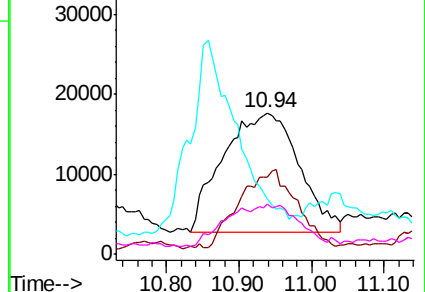


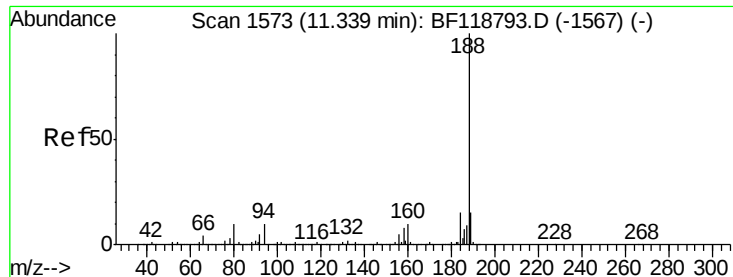
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

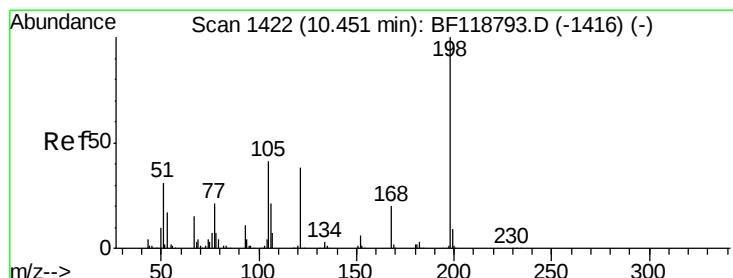
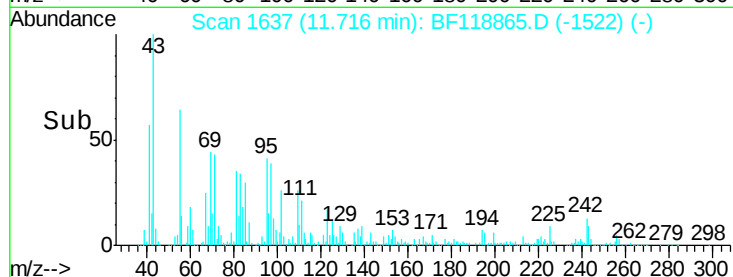
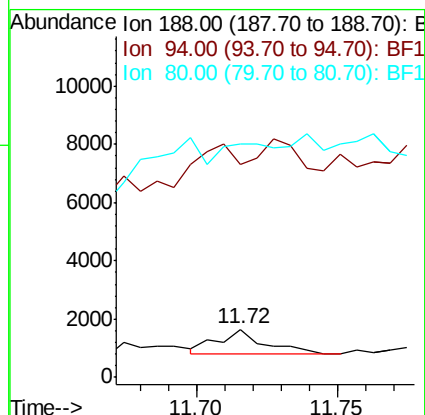
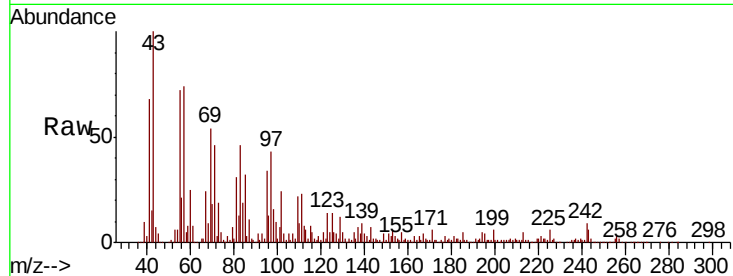




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.72 min Scan# 1637
Delta R.T. 0.38 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

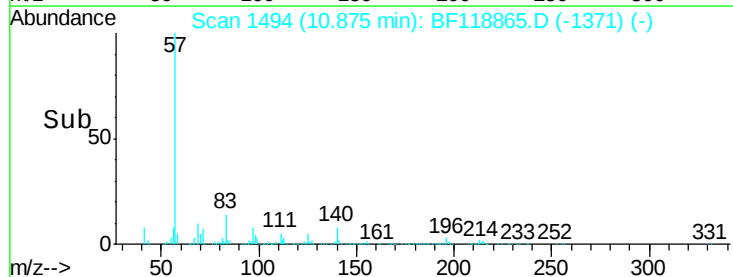
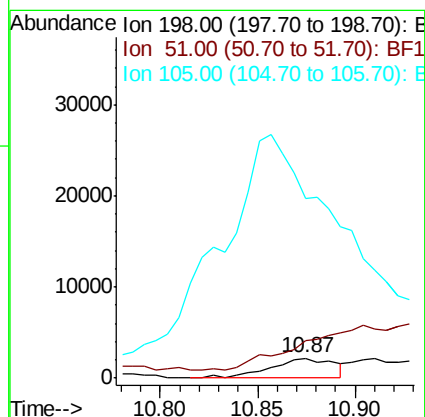
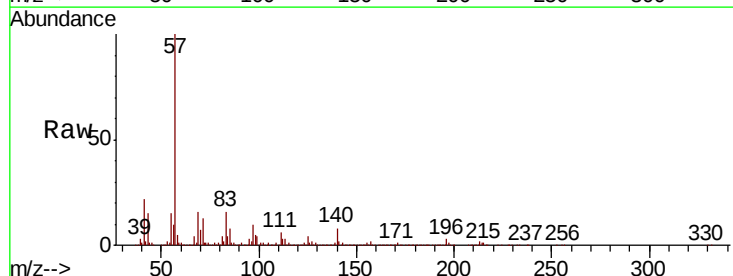
Instrument :
BNA_F
ClientSampleId :
EFF-WW

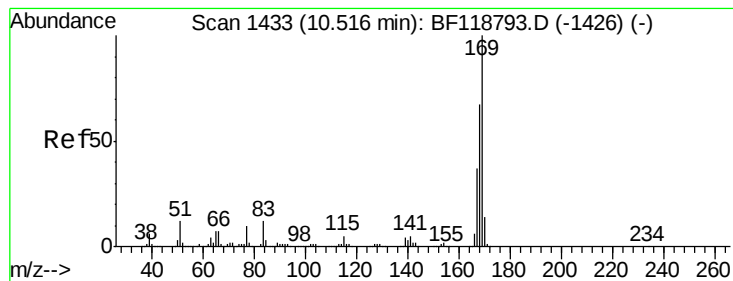
Tot Ion:188 Resp: 1007
Ion Ratio Lower Upper
188 100
94 439.8 7.9 11.9#
80 481.5 8.4 12.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 879.744 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.42 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion:198 Resp: 4978
Ion Ratio Lower Upper
198 100
51 184.1 16.7 56.7#
105 886.4 22.0 62.0#





#66

n-Nitrosodiphenylamine

Concen: 1341.632 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.42 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

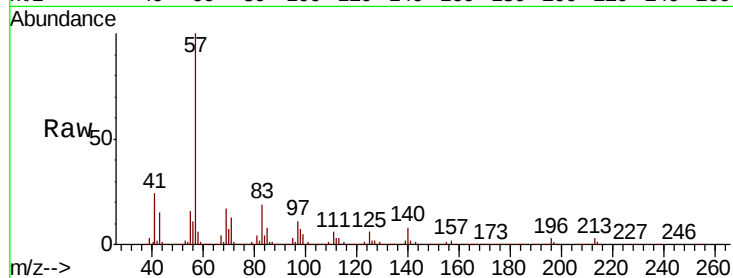
Tot Ion:169 Resp: 39134

Ion Ratio Lower Upper

169 100

168 52.1 53.5 80.3#

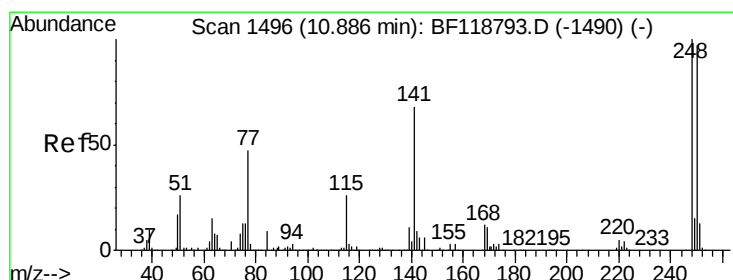
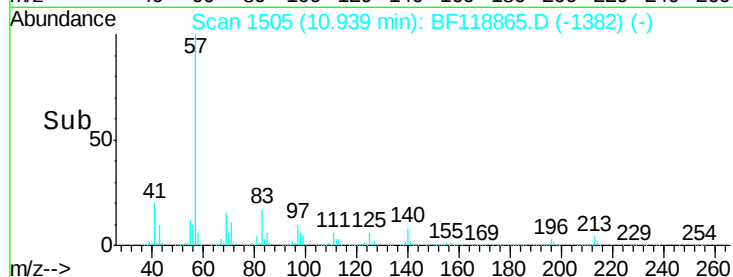
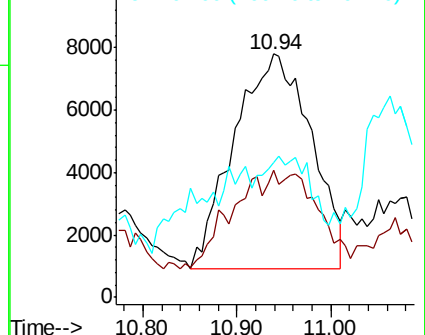
167 55.4 29.3 43.9#



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: 35.677 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.39 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

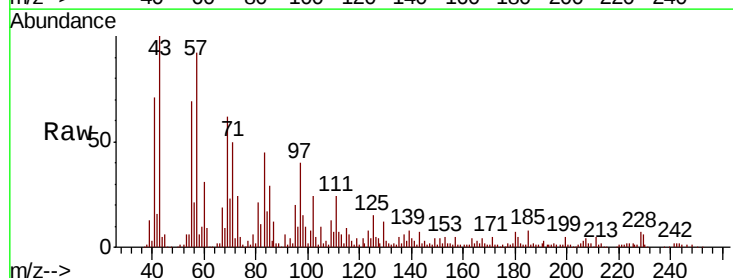
Tgt Ion:248 Resp: 425

Ion Ratio Lower Upper

248 100

250 63.0 77.6 116.4#

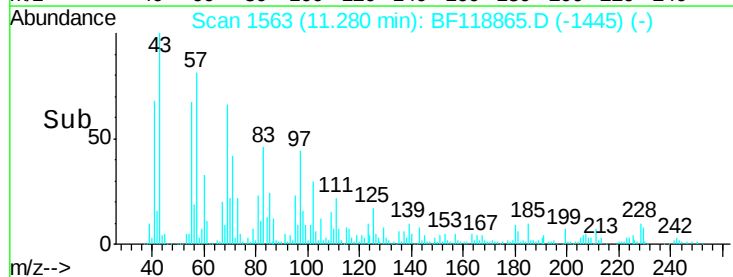
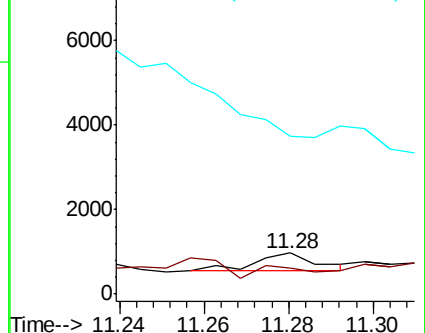
141 382.4 54.4 81.6#

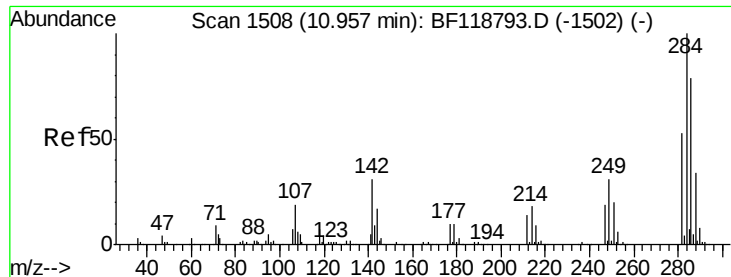


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

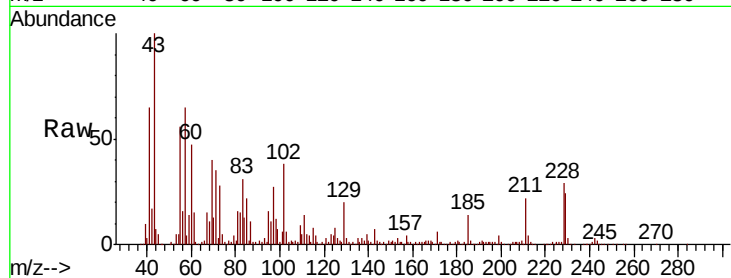




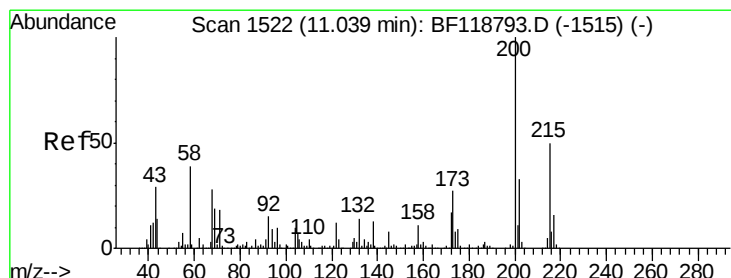
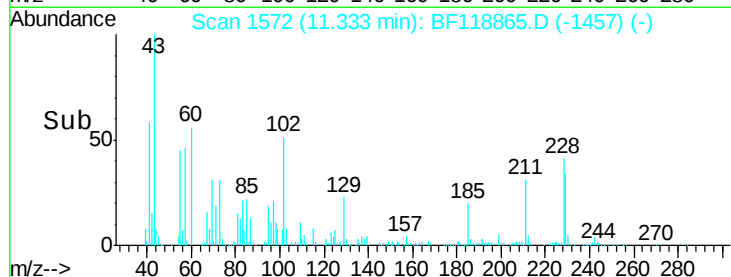
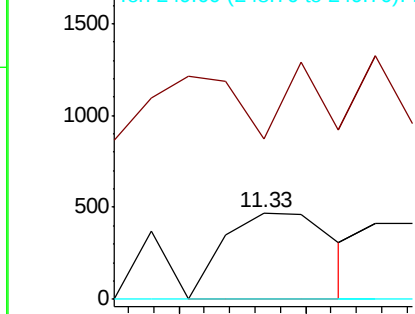
#68
Hexachlorobenzene
Concen: 41.132 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.38 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:284 Resp: 562
Ion Ratio Lower Upper
284 100
142 185.2 24.5 36.7#
249 0.0 24.7 37.1#

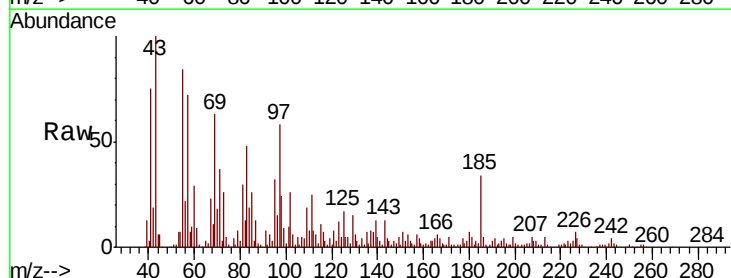


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

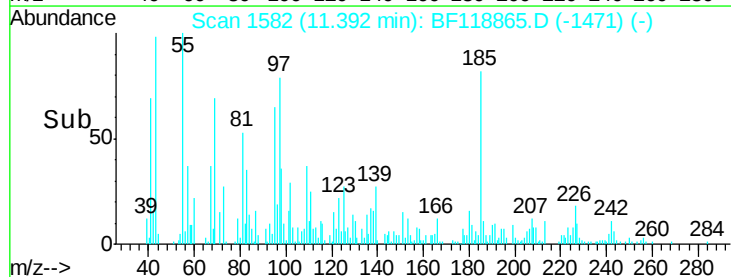
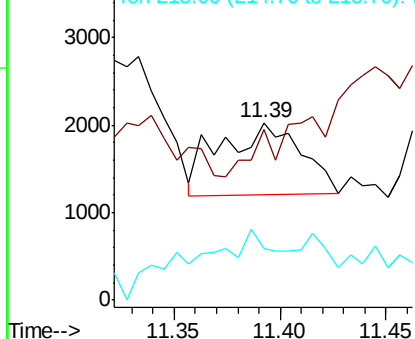


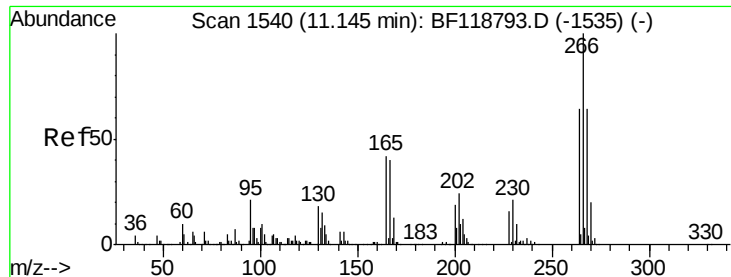
#69
Atrazine
Concen: 224.948 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.35 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion:200 Resp: 2186
Ion Ratio Lower Upper
200 100
173 96.1 7.5 47.5#
215 28.8 29.9 69.9#



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

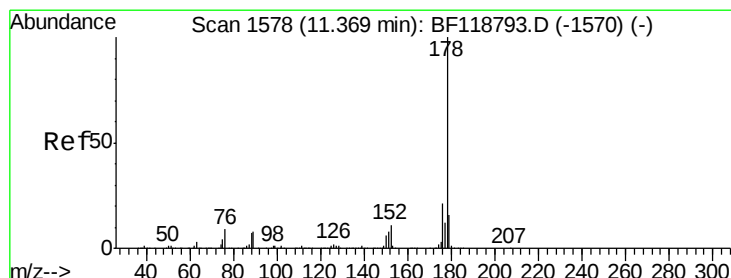
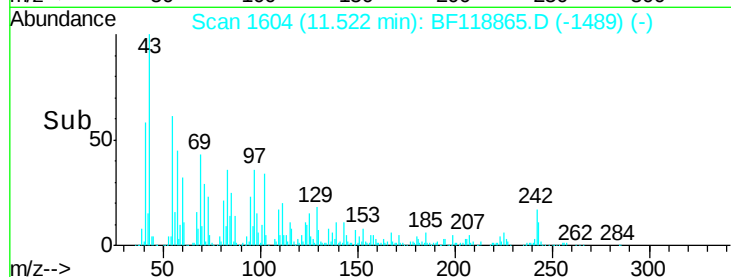
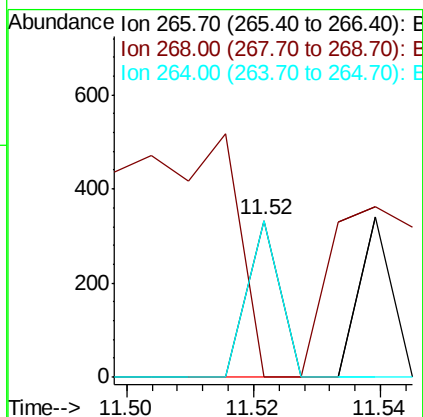
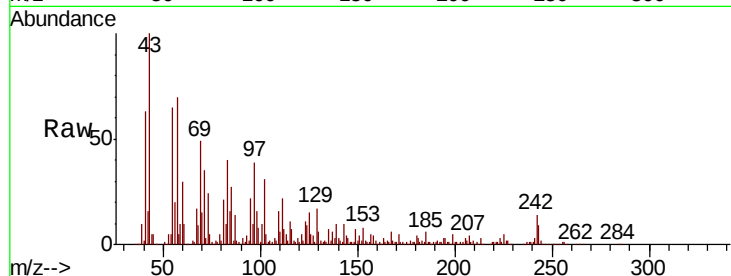




#70
 Pentachlorophenol
 Concen: 16.217 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.38 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

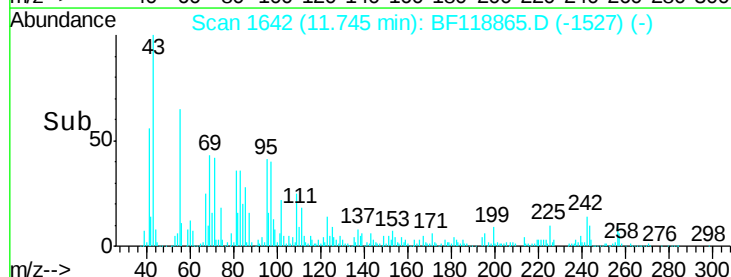
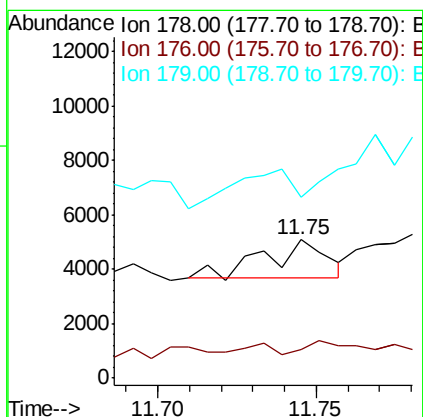
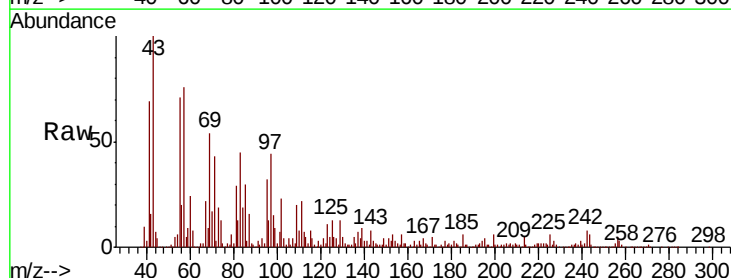
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

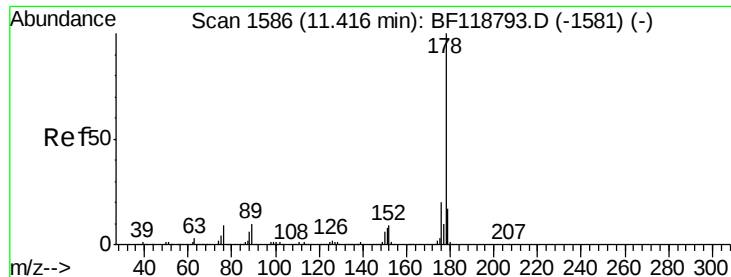
Tot Ion:266 Resp: 117
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.0 76.6#
 264 99.7 51.4 77.2#



#71
 Phenanthrene
 Concen: 38.187 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.38 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion:178 Resp: 1892
 Ion Ratio Lower Upper
 178 100
 176 21.0 16.6 24.8
 179 131.3 13.2 19.8#





#72

Anthracene

Concen: 21.526 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.36 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

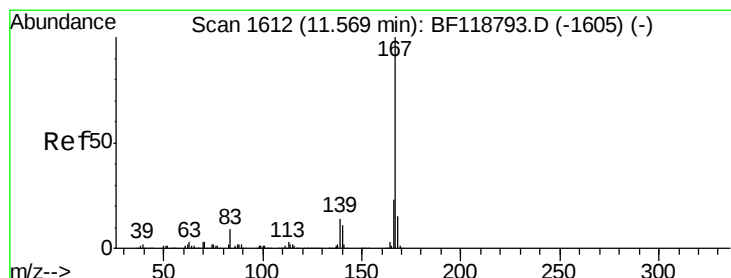
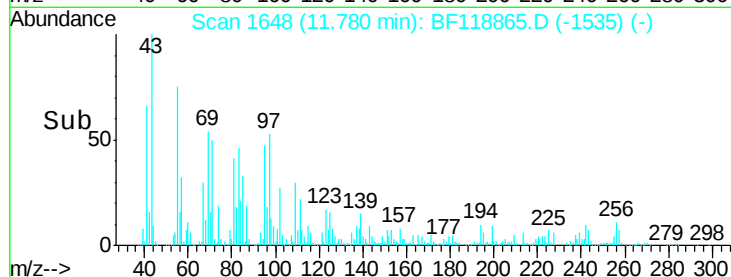
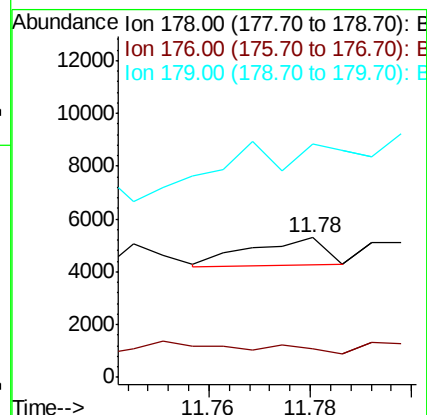
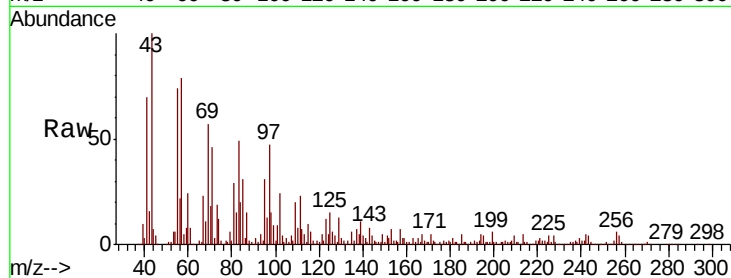
Tot Ion:178 Resp: 1061

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.2

179 167.5 13.4 20.2#



#73

Carbazole

Concen: 1644.853 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.36 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

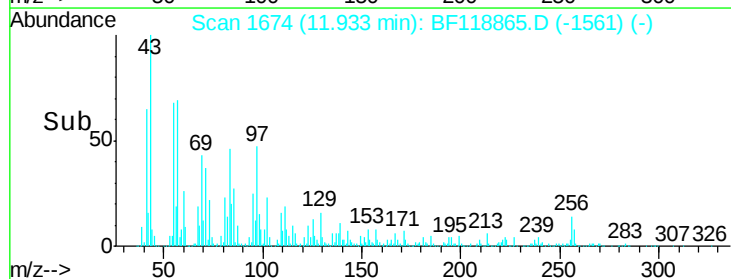
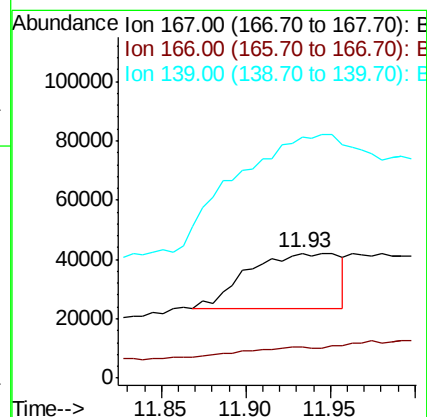
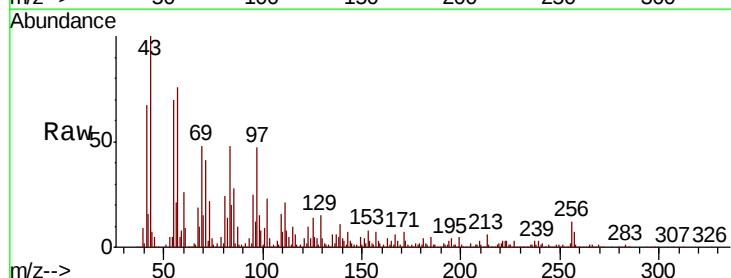
Tgt Ion:167 Resp: 71151

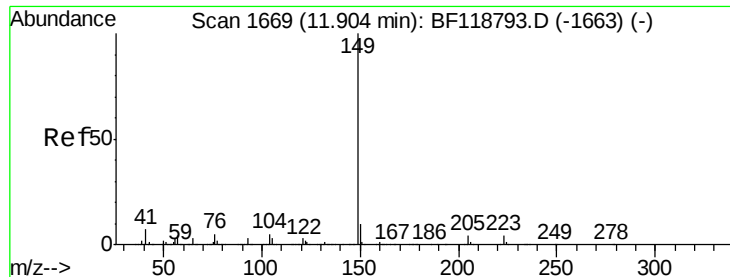
Ion Ratio Lower Upper

167 100

166 24.6 18.4 27.6

139 193.1 11.1 16.7#





#74

Di-n-butylphthalate

Concen: 853.482 ng

RT: 12.29 min Scan# 1734

Delta R.T. 0.38 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

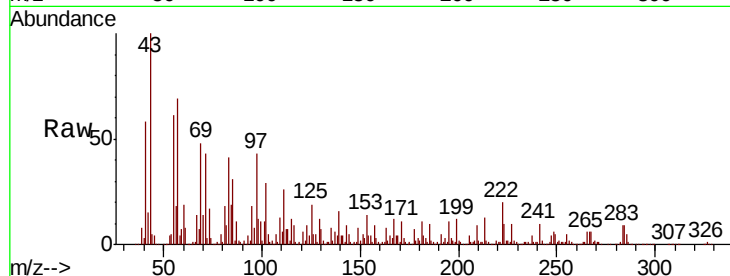
Tot Ion:149 Resp: 47030

Ion Ratio Lower Upper

149 100

150 24.4 8.1 12.1#

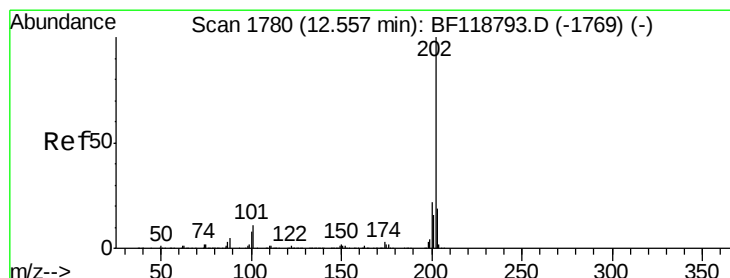
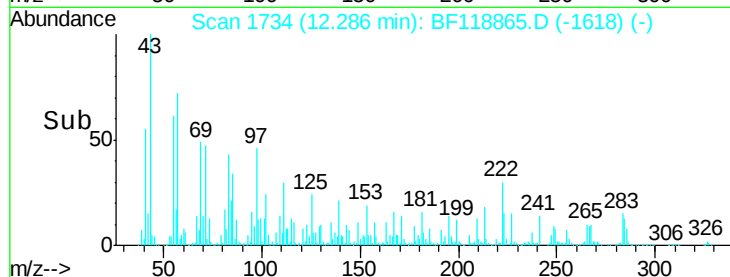
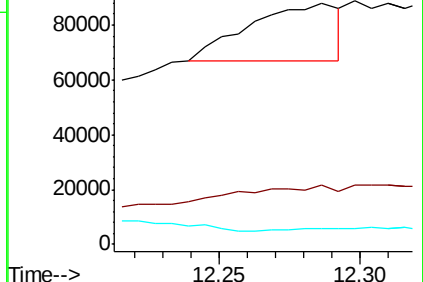
104 6.6 4.3 6.5#



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: 284.073 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.42 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

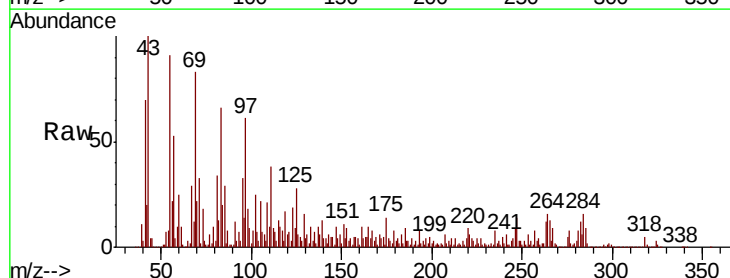
Tgt Ion:202 Resp: 15367

Ion Ratio Lower Upper

202 100

101 585.6 0.0 31.0#

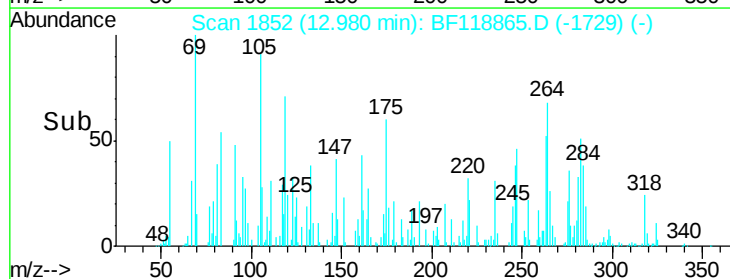
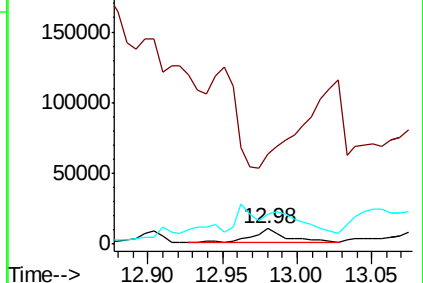
203 189.3 0.0 38.7#

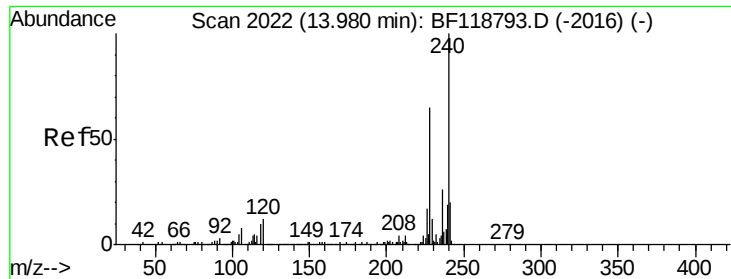


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.37 min Scan# 2089

Delta R.T. 0.39 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

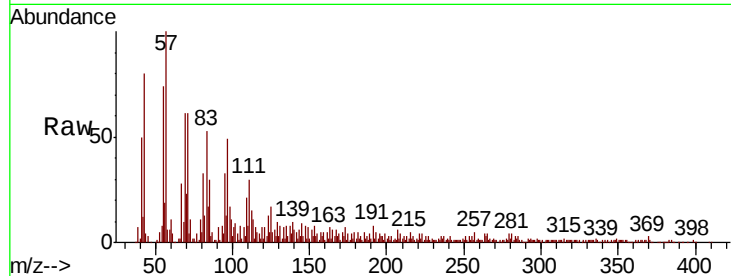
Tot Ion:240 Resp: 360

Ion Ratio Lower Upper

240 100

120 225.3 9.4 14.0#

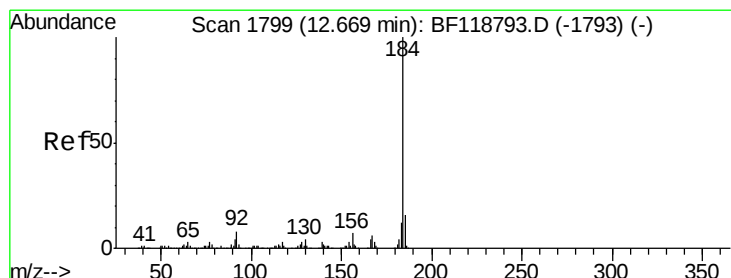
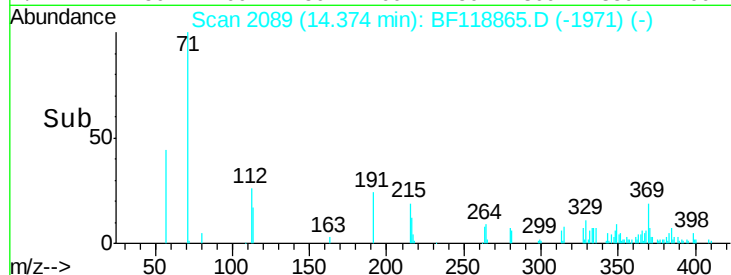
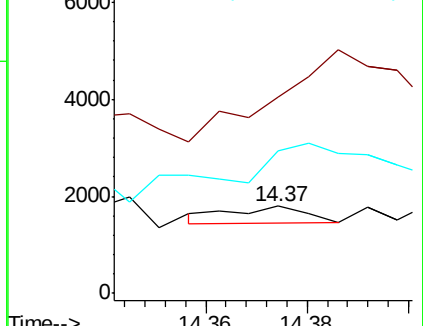
236 164.7 21.0 31.6#



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: 4119.599 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.31 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

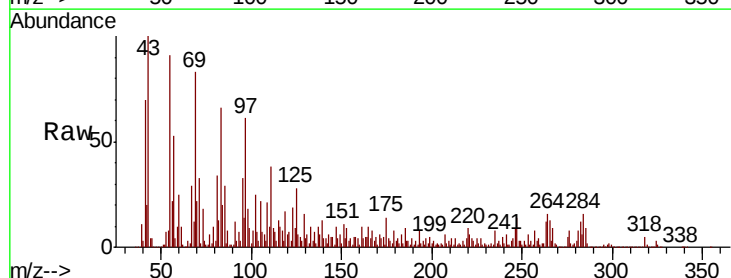
Tgt Ion:184 Resp: 44856

Ion Ratio Lower Upper

184 100

185 426.4 12.5 18.7#

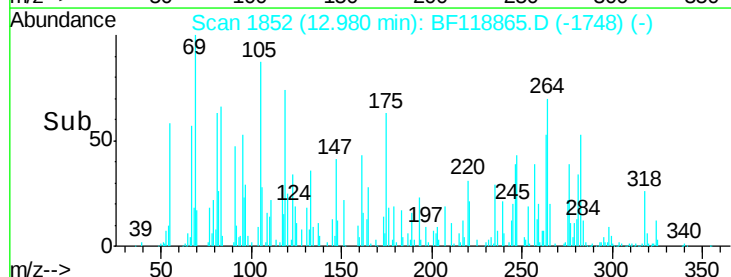
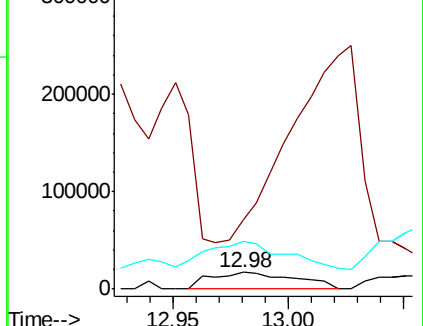
183 293.4 9.7 14.5#

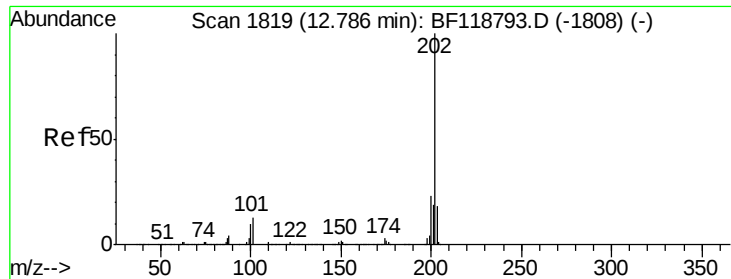


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 75.799 ng

RT: 13.17 min Scan# 1885

Delta R.T. 0.39 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

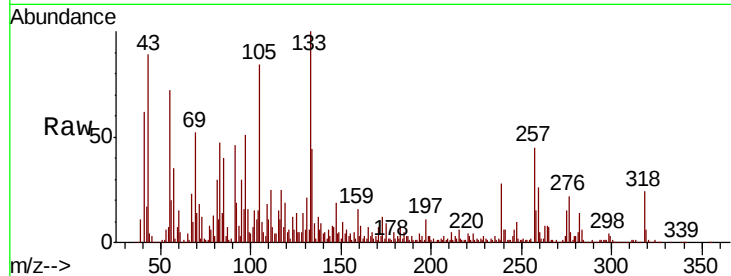
Tot Ion:202 Resp: 1872

Ion Ratio Lower Upper

202 100

200 203.0 18.2 27.2#

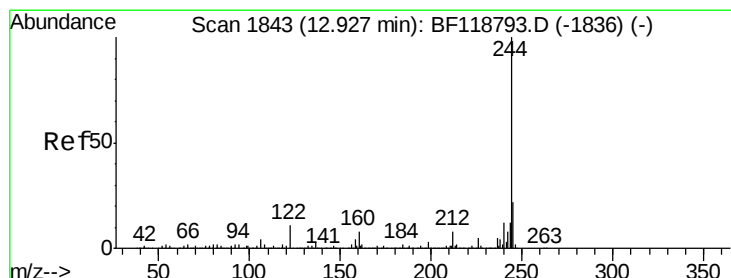
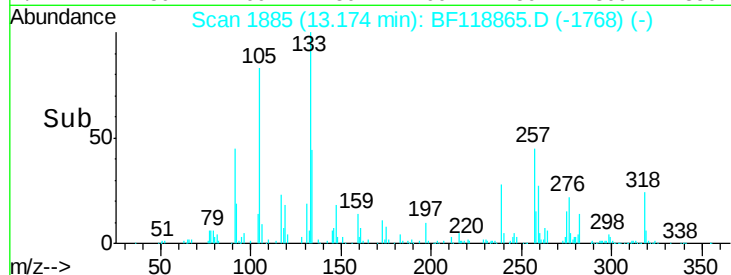
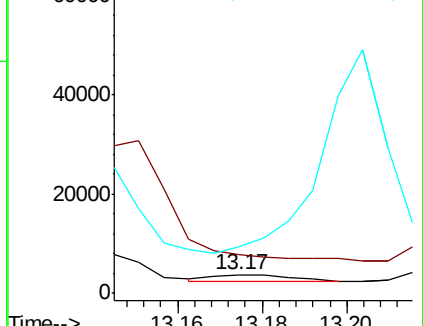
203 247.5 14.8 22.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 118947.547 ng

RT: 13.11 min Scan# 1874

Delta R.T. 0.18 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

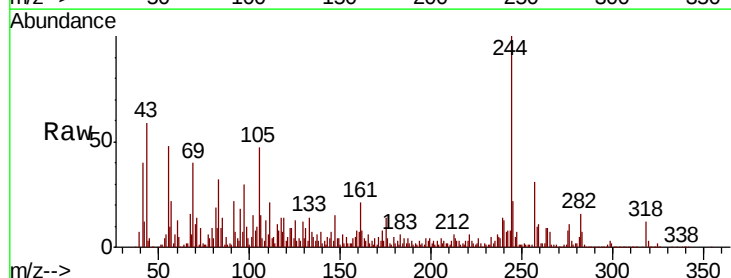
Tgt Ion:244 Resp: 2084724

Ion Ratio Lower Upper

244 100

212 6.5 6.5 9.7

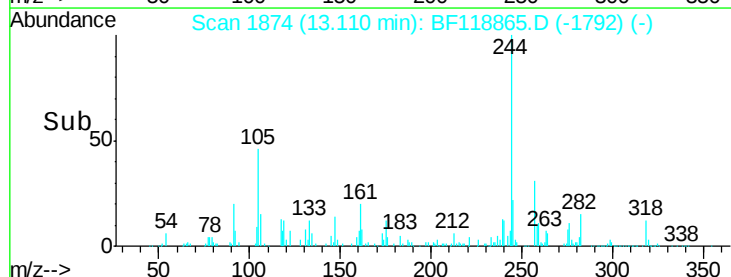
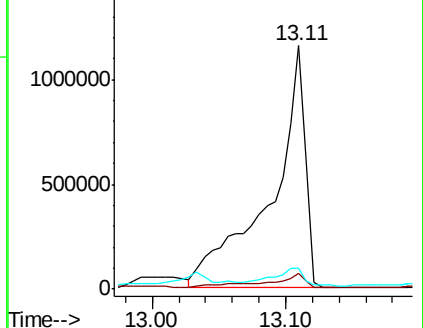
122 8.7 8.9 13.3#

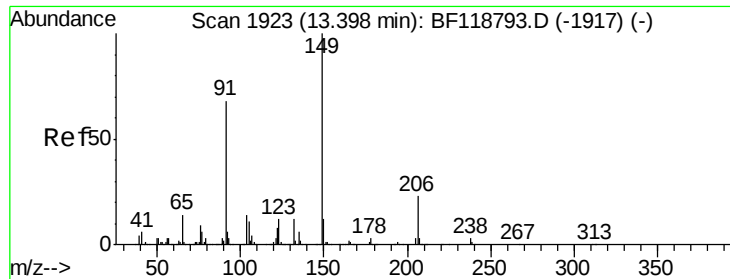


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

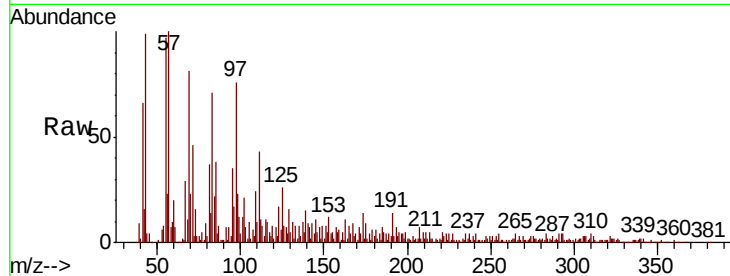




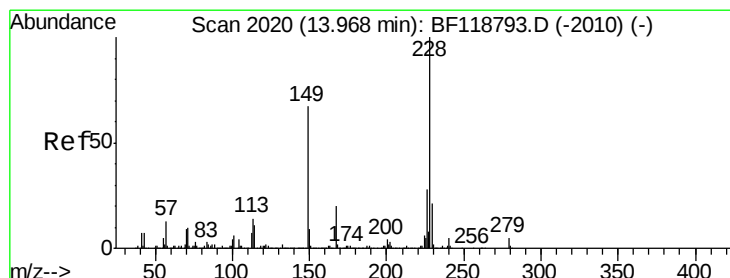
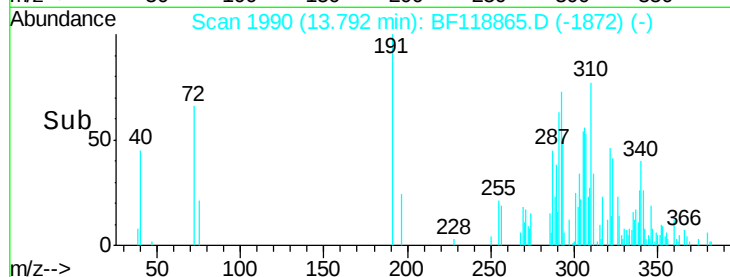
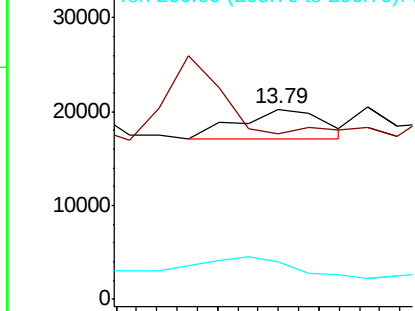
#80
Butylbenzylphthalate
Concen: 329.477 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.39 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:149 Resp: 3714
Ion Ratio Lower Upper
149 100
91 87.2 54.7 82.1#
206 19.9 18.5 27.7

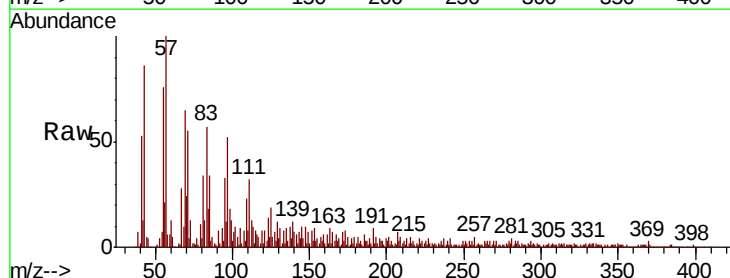


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

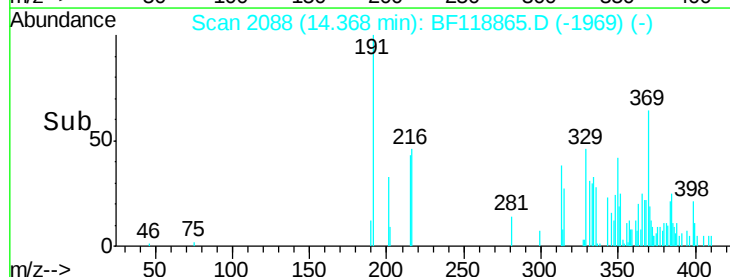
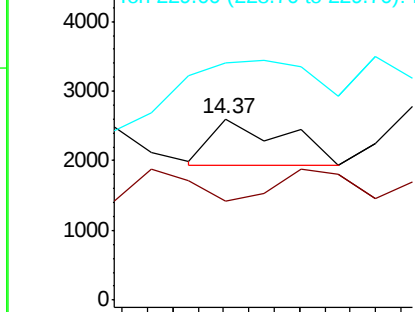


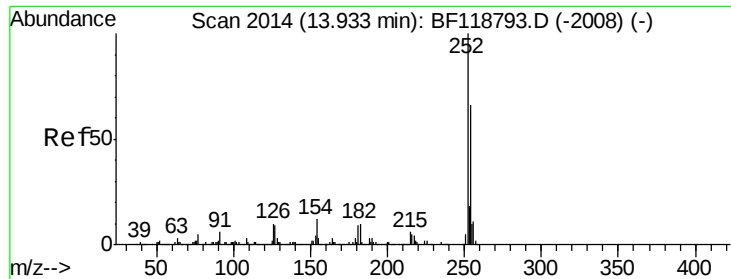
#81
Benzo(a)anthracene
Concen: 24.881 ng
RT: 14.37 min Scan# 2088
Delta R.T. 0.40 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion:228 Resp: 533
Ion Ratio Lower Upper
228 100
226 54.5 22.7 34.1#
229 130.7 16.6 25.0#



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

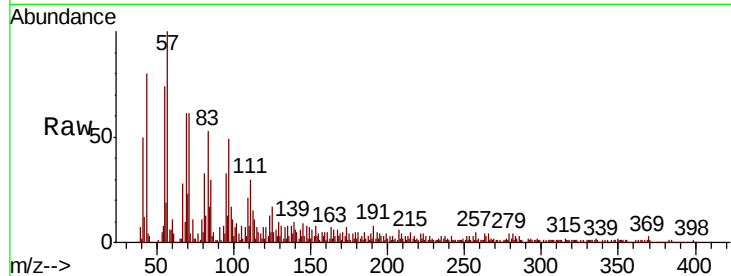




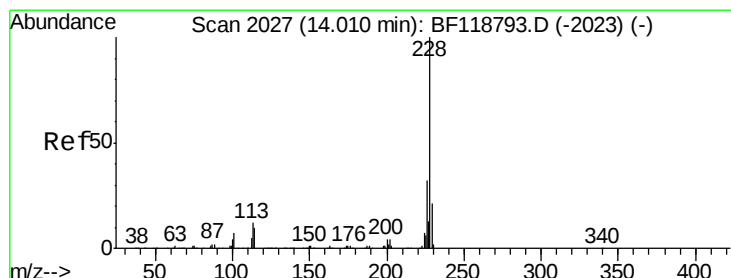
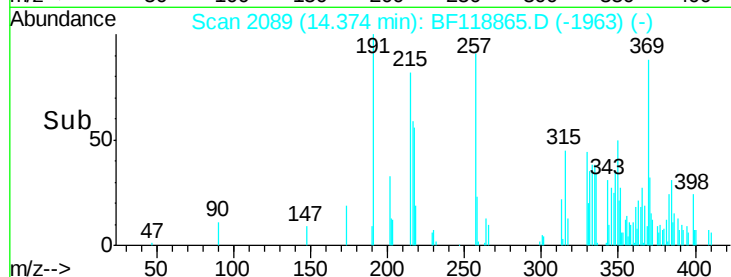
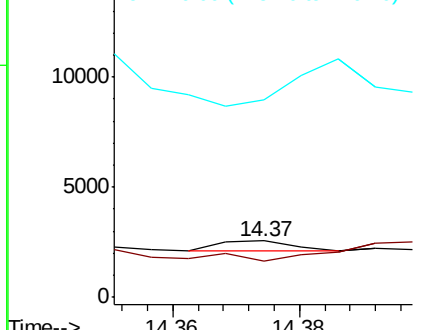
#82
 3,3'-Dichlorobenzidine
 Concen: 43.485 ng
 RT: 14.37 min Scan# 2089
 Delta R.T. 0.44 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion:252 Resp: 381
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.4 78.6
 126 349.7 7.8 11.8#

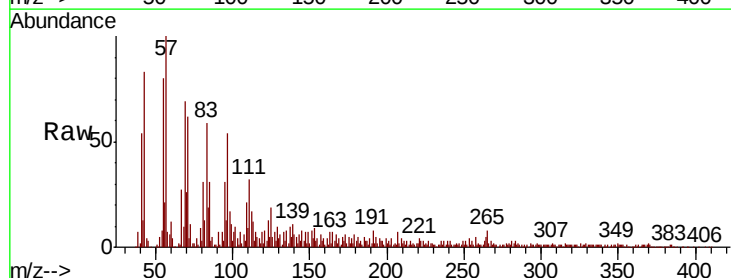


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

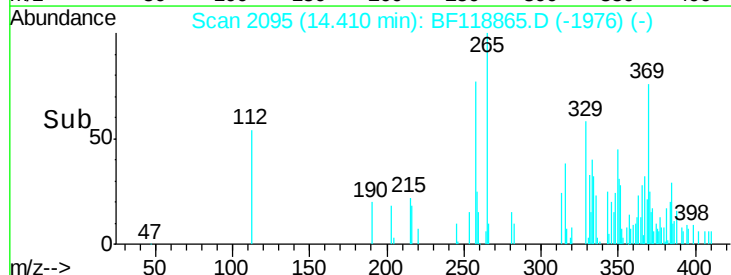
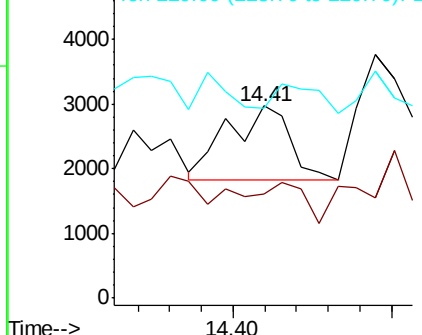


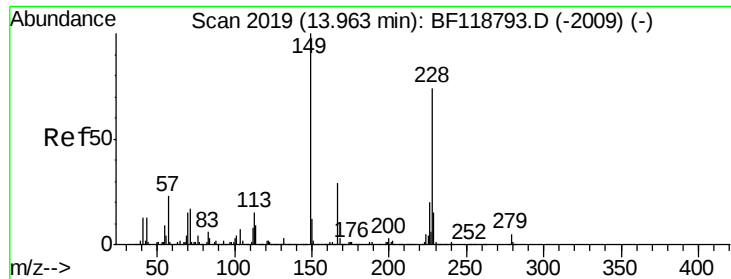
#83
 Chrysene
 Concen: 72.417 ng
 RT: 14.41 min Scan# 2095
 Delta R.T. 0.40 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Tgt Ion:228 Resp: 1557
 Ion Ratio Lower Upper
 228 100
 226 54.1 25.4 38.0#
 229 98.8 16.9 25.3#



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: 354.299 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.42 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

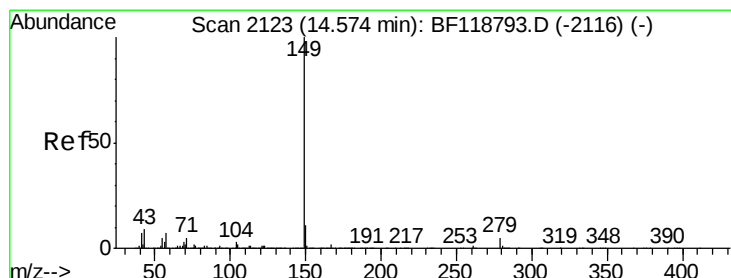
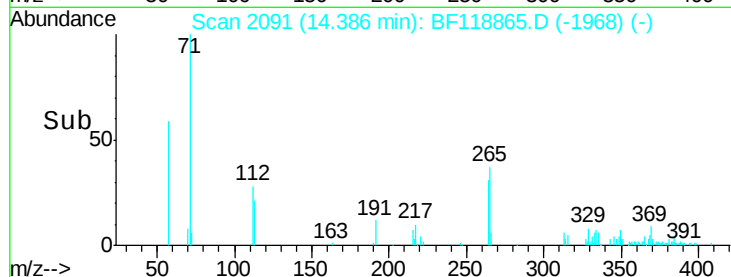
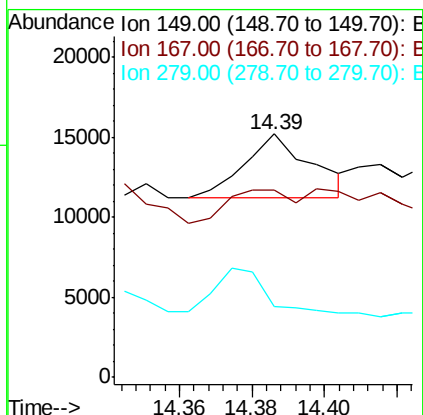
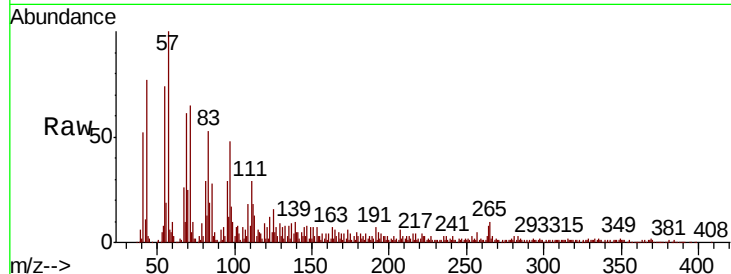
Tot Ion:149 Resp: 5067

Ion Ratio Lower Upper

149 100

167 76.9 23.0 34.6#

279 29.1 4.4 6.6#



#85

Di-n-octyl phthalate

Concen: 2285.634 ng

RT: 15.01 min Scan# 2197

Delta R.T. 0.44 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

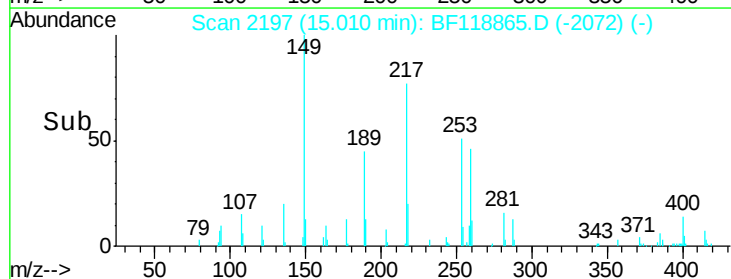
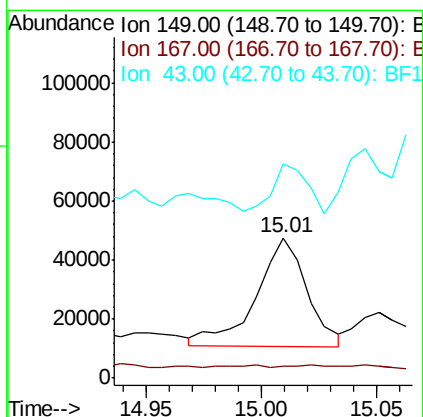
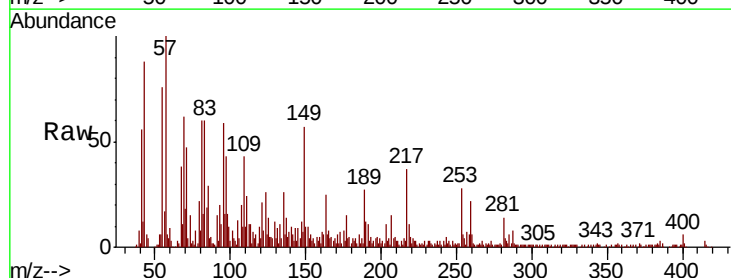
Tgt Ion:149 Resp: 55999

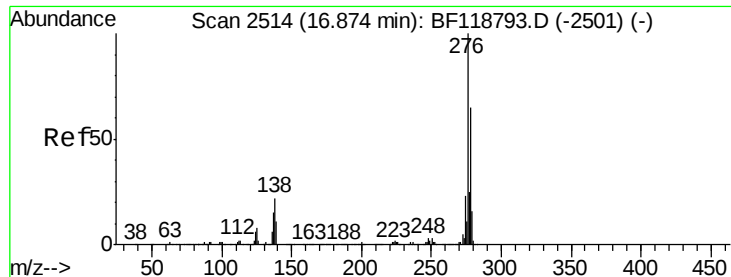
Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 0.0 6.6 10.0#

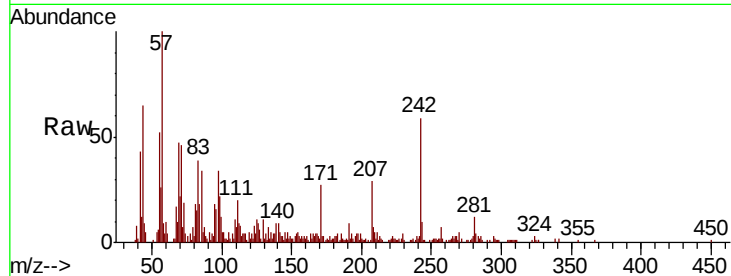




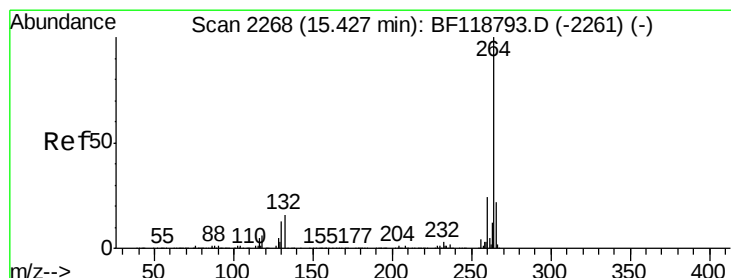
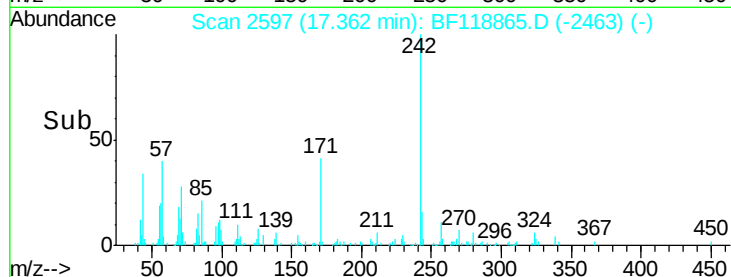
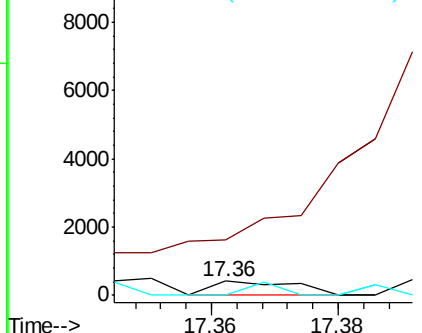
#86
Indeno(1,2,3-cd)pyrene
Concen: 17.359 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.49 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:276 Resp: 375
Ion Ratio Lower Upper
276 100
138 0.0 18.3 27.5#
277 36.3 20.2 30.4#

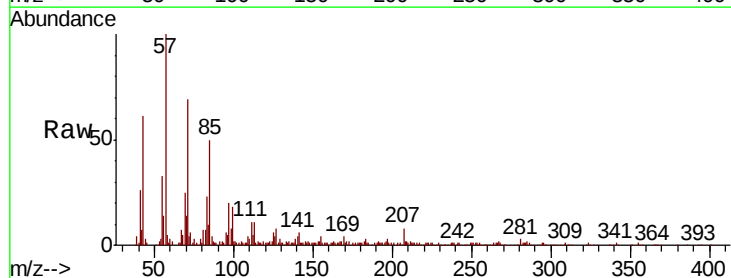


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

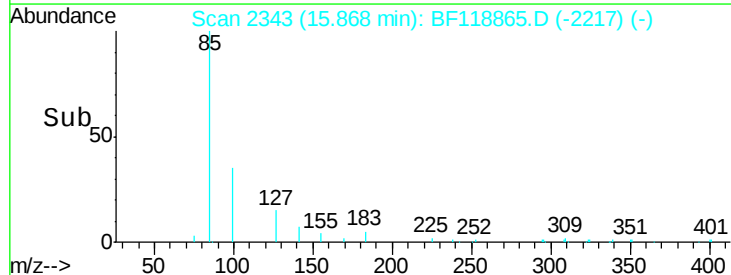
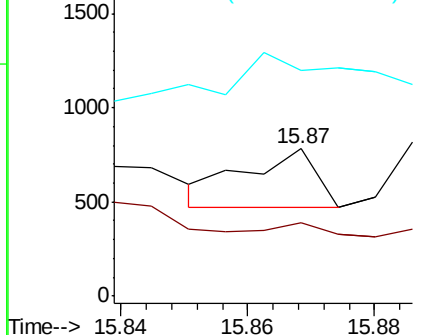


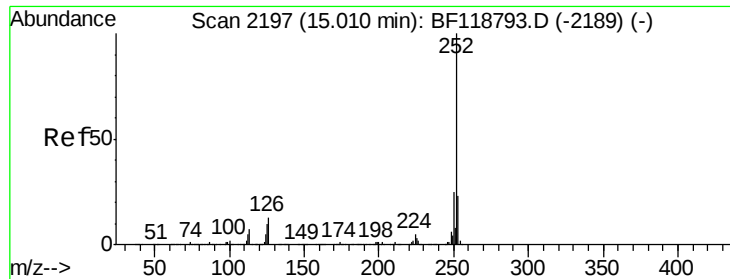
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.87 min Scan# 2343
Delta R.T. 0.44 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion:264 Resp: 243
Ion Ratio Lower Upper
264 100
260 49.6 19.1 28.7#
265 153.6 17.2 25.8#



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

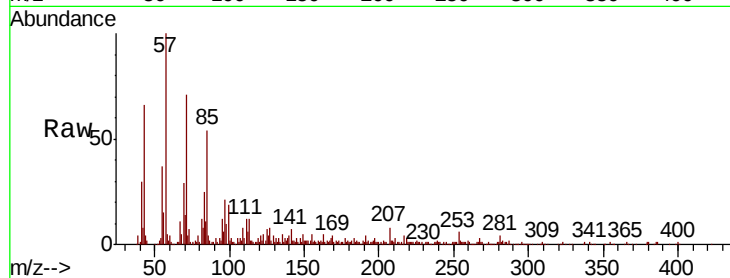




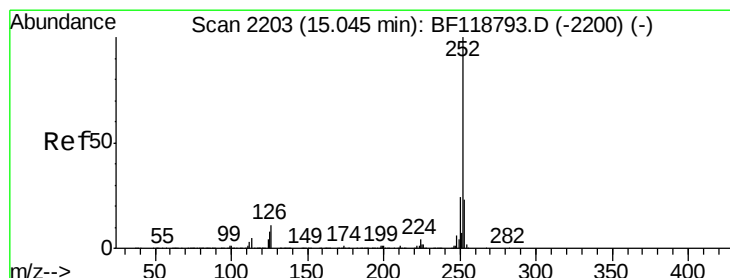
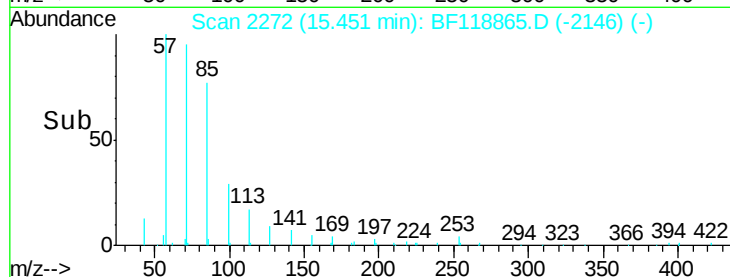
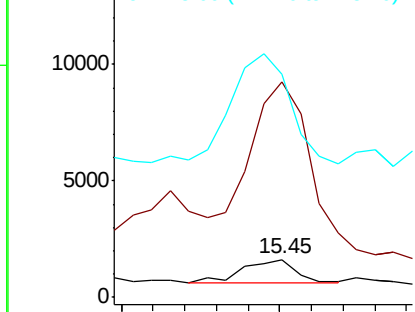
#88
Benzo(b)fluoranthene
Concen: 81.241 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.44 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
252	100		
253	572.8	18.4	27.6#
125	595.5	8.1	12.1#

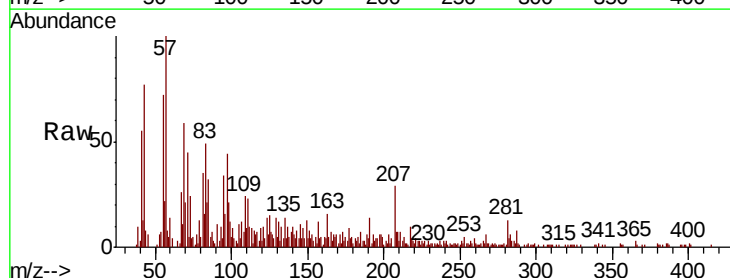


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

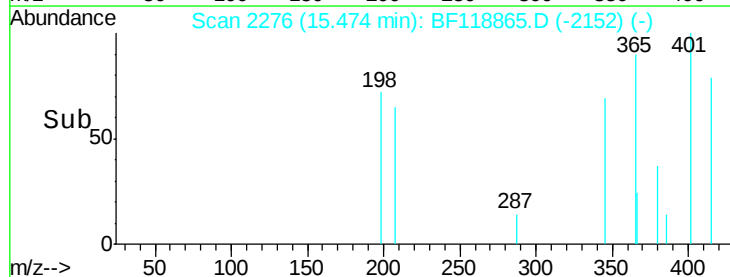
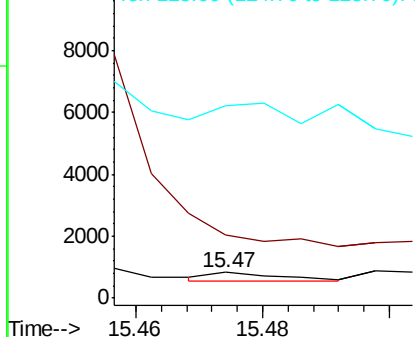


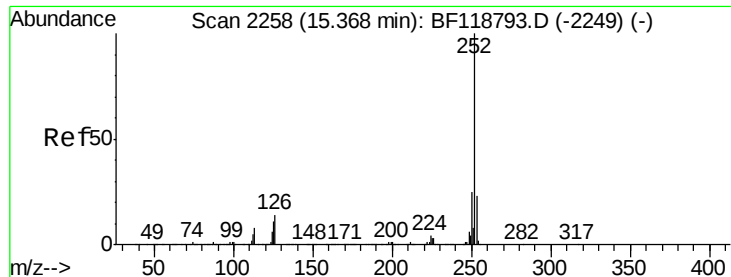
#89
Benzo(k)fluoranthene
Concen: 15.384 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.43 min
Lab File: BF118865.D
Acq: 10 Feb 2020 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	249.1	18.2	27.4#
125	753.1	7.0	10.6#



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

Benzo(a)pyrene

Concen: 46.418 ng

RT: 15.80 min Scan# 2332

Delta R.T. 0.44 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

Instrument :

BNA_F

ClientSampleId :

EFF-WW

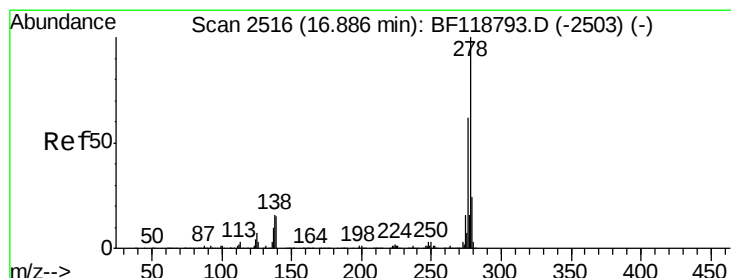
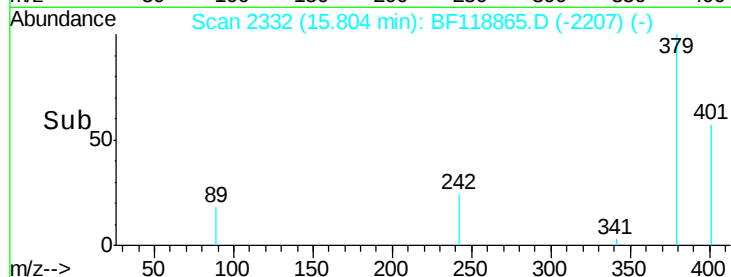
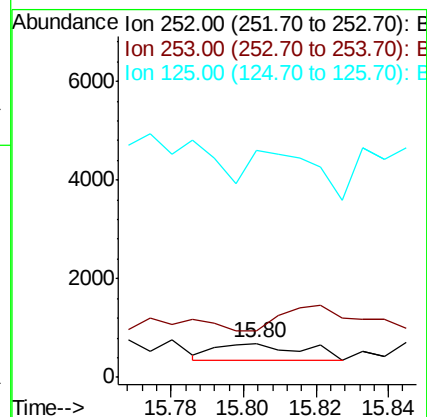
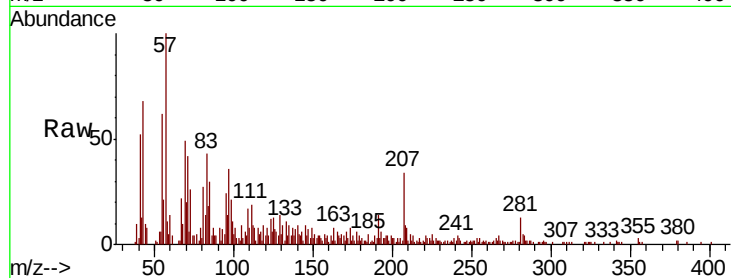
Tot Ion:252 Resp: 599

Ion Ratio Lower Upper

252 100

253 135.5 18.1 27.1#

125 663.7 8.7 13.1#



#91

Dibenzo(a,h)anthracene

Concen: 92.094 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.49 min

Lab File: BF118865.D

Acq: 10 Feb 2020 11:08

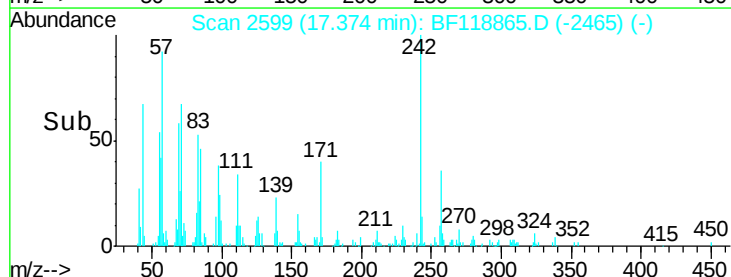
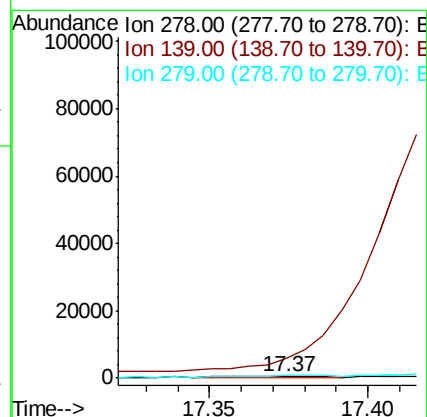
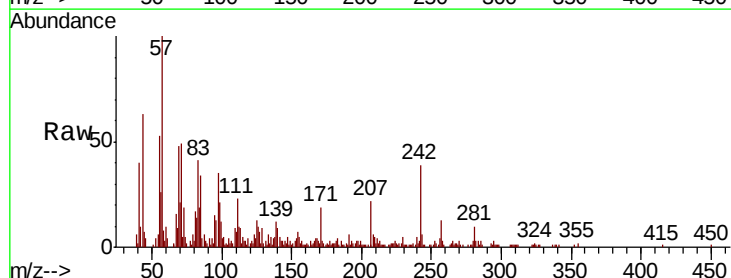
Tgt Ion:278 Resp: 1055

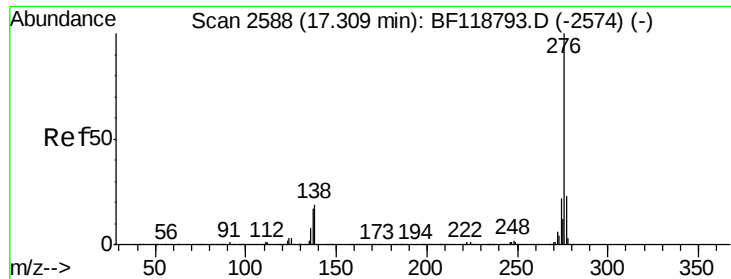
Ion Ratio Lower Upper

278 100

139 1251.9 12.3 18.5#

279 156.2 19.1 28.7#





#92
 Benzo(a,h,i)perylene
 Concen: 40.392 ng
 RT: 17.81 min Scan# 2673
 Delta R.T. 0.50 min
 Lab File: BF118865.D
 Acq: 10 Feb 2020 11:08

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Tot Ion	Ratio	Lower	Upper
276	100		
277	73.1	18.7	28.1#
138	179.5	15.4	23.2#

