

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101698.D
 Acq On : 23 Dec 2017 12:38
 Operator : SJ/JU
 Sample : I6845-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01

Quant Time: Dec 24 22:36:27 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	158721	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	378417	20.00	ng	0.01
38) Acenaphthene-d10	9.82	164	270678	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	456401	20.00	ng	0.00
75) Chrysene-d12	13.96	240	311480	20.00	ng	0.00
86) Perylene-d12	15.43	264	287482	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1204740	113.06	ng	0.02
7) Phenol-d6	6.44	99	1120665	84.51	ng	0.00
23) Nitrobenzene-d5	7.37	82	1053174	154.92	ng	0.01
41) 2,4,6-Tribromophenol	10.62	330	321664	123.33	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1541719	88.36	ng	0.00
78) Terphenyl-d14	12.90	244	1329309	102.88	ng	0.00

Target Compounds

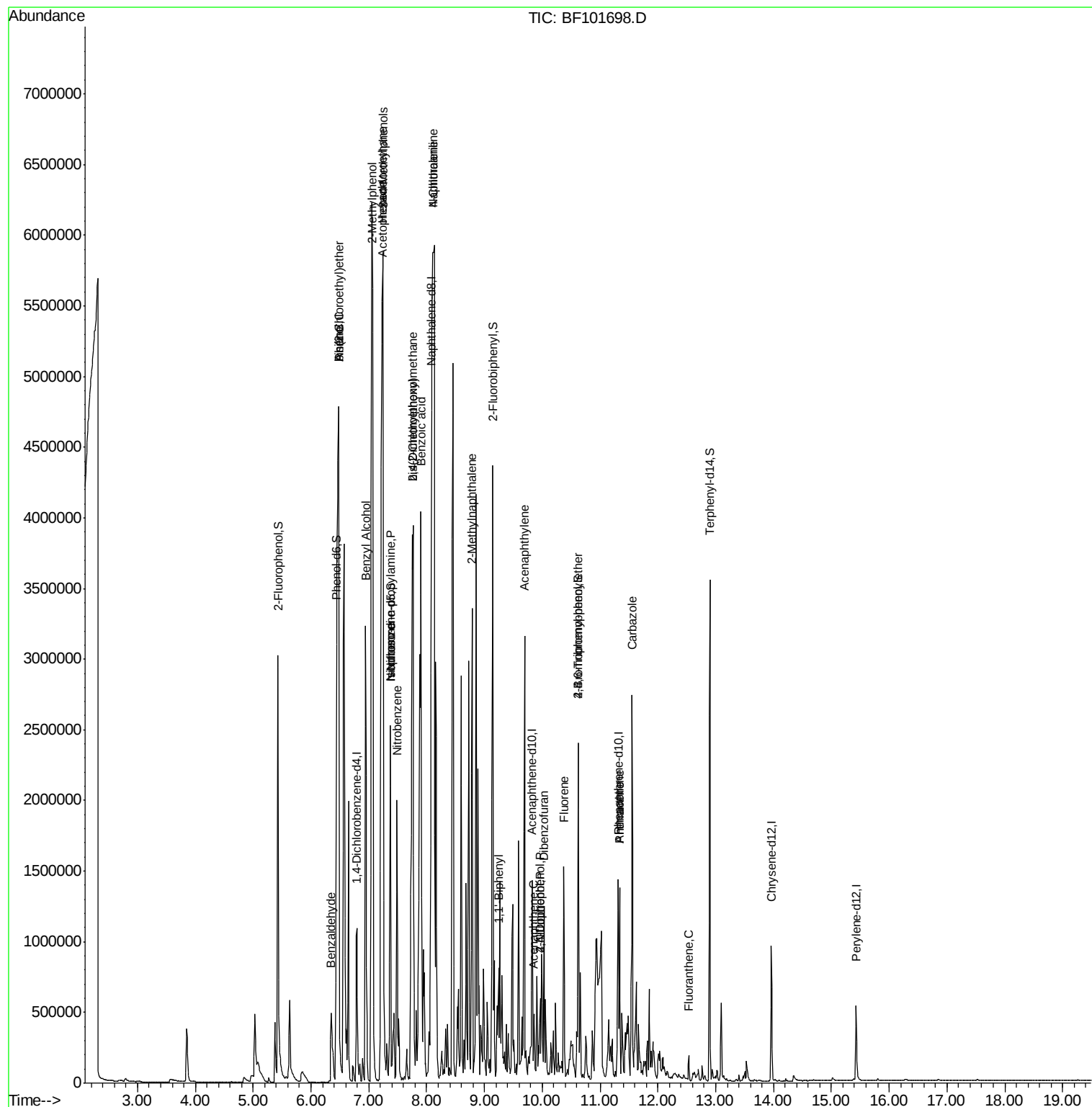
						Qvalue
6) Aniline	6.48	93	79591	4.319	ng	# 1
9) Benzaldehyde	6.35	77	43202	4.411	ng	# 1
10) Phenol	6.48	94	3425668	226.647	ng	94
11) bis(2-Chloroethyl)ether	6.48	93	79591	6.713	ng	# 1
15) Benzyl Alcohol	6.95	79	33803	3.703	ng	# 47
17) 2-Methylphenol	7.07	107	1364766	132.366	ng	97
18) Hexachloroethane	7.23	117	146083	32.525	ng	# 3
19) n-Nitroso-di-n-propylamine	7.37	70	143385	16.464	ng	# 81
20) 3+4-Methylphenols	7.25	107	3917227	358.528	ng	87
22) Acetophenone	7.23	105	46229	5.354	ng	# 1
24) Nitrobenzene	7.49	77	161981	21.529	ng	# 60
25) Isophorone	7.37	82	1053168	77.227	ng	# 64
27) 2,4-Dimethylphenol	7.77	122	1800698	327.920	ng	# 94
28) bis(2-Chloroethoxy)methane	7.77	93	84691	9.777	ng	# 1
31) Naphthalene	8.11	128	8991649	471.980	ng	97
32) Benzoic acid	7.90	122	1897977	435.849	ng	# 14
33) 4-Chloroaniline	8.11	127	1291017	155.917	ng	# 35
37) 2-Methylnaphthalene	8.79	142	937831	75.558	ng	98
45) 1,1'-Biphenyl	9.25	154	203220	8.466	ng	98
48) Acenaphthylene	9.69	152	1370886	47.254	ng	99
51) Acenaphthene	9.86	154	88338	5.068	ng	95
53) 2,4-Dinitrophenol	9.97	184	465	10.583	ng	# 1
54) Dibenzofuran	10.03	168	451328	20.376	ng	98
55) 4-Nitrophenol	9.96	139	8982	3.734	ng	# 49
57) Fluorene	10.37	166	405105	21.619	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	20078	3.915	ng	# 1
70) Phenanthrene	11.34	178	450912	17.766	ng	99
71) Anthracene	11.34	178	450912	17.392	ng	99
72) Carbazole	11.56	167	1043625	42.994	ng	99
74) Fluoranthene	12.53	202	61762	2.318	ng	96

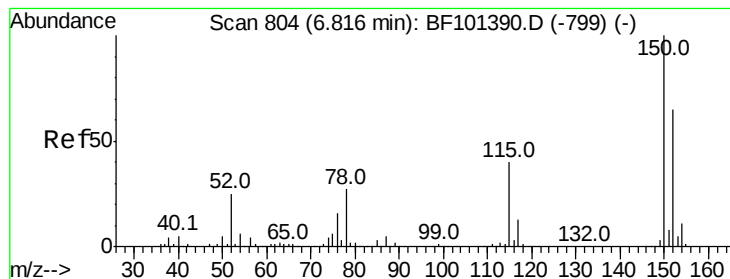
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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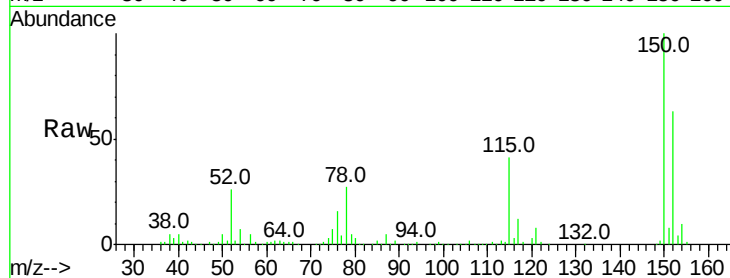


#1

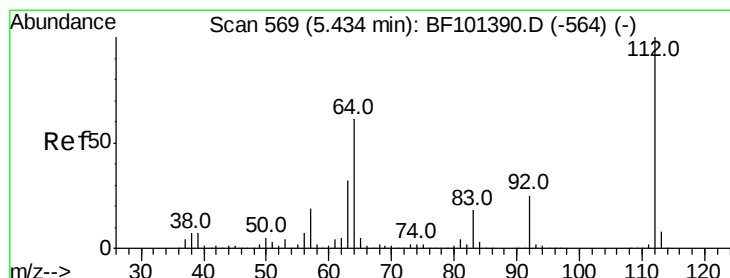
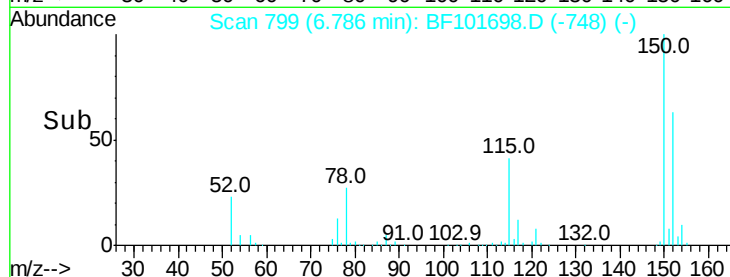
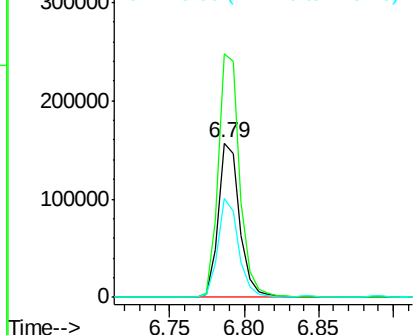
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Instrument :
BNA_F
ClientSampleId :
WC-10257-01

Tot Ion:152 Resp: 158721
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 64.3 50.1 75.1



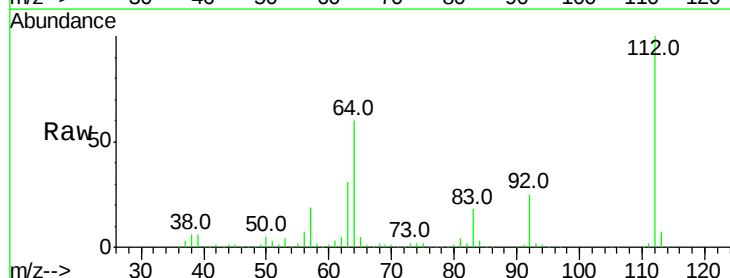
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



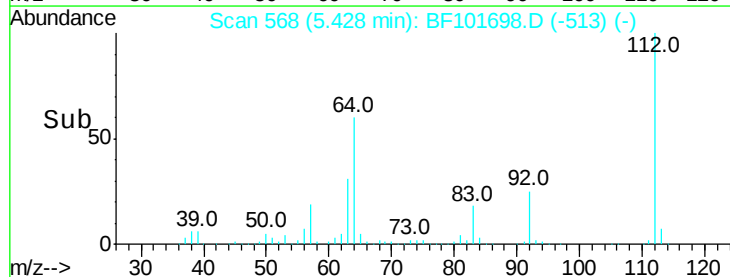
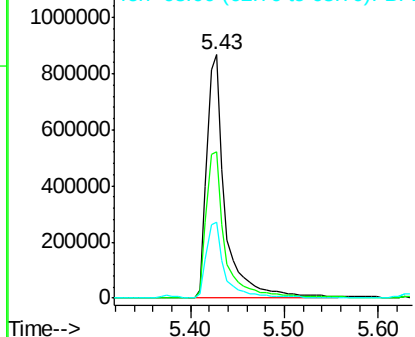
#5

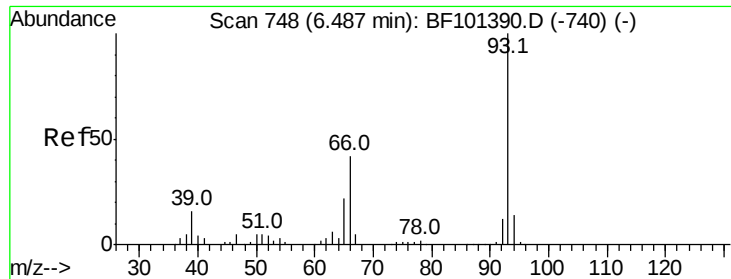
2-Fluorophenol
Concen: 113.063 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Tgt Ion:112 Resp: 1204740
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.0 23.7 35.5



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





#6

Aniline

Concen: 4.319 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

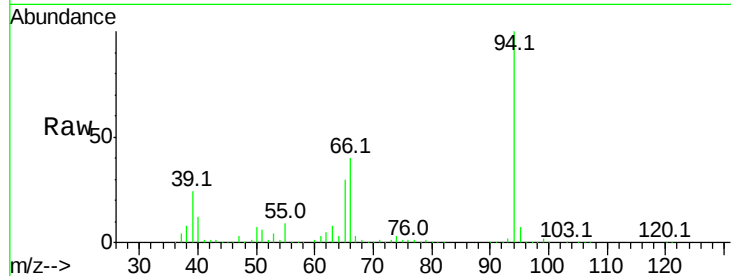
Tot Ion: 93 Resp: 79591

Ion Ratio Lower Upper

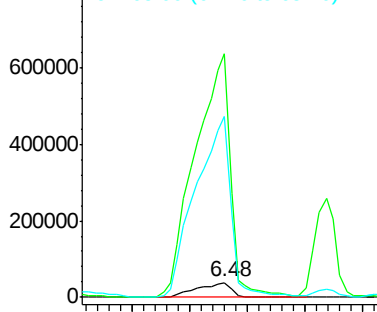
93 100

66 1635.2 32.2 48.2#

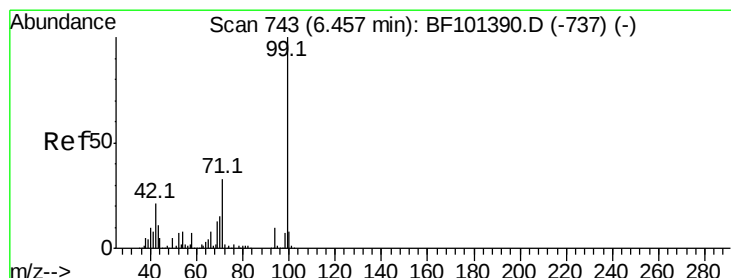
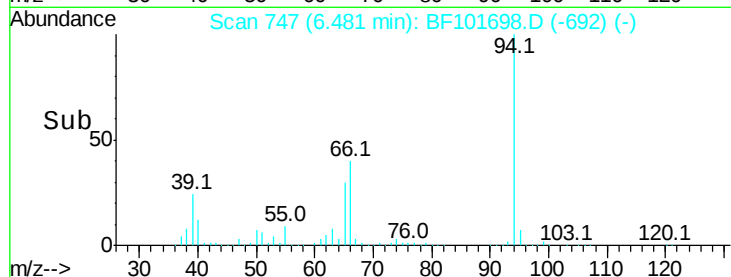
65 1213.6 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->



#7

Phenol-d6

Concen: 84.508 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

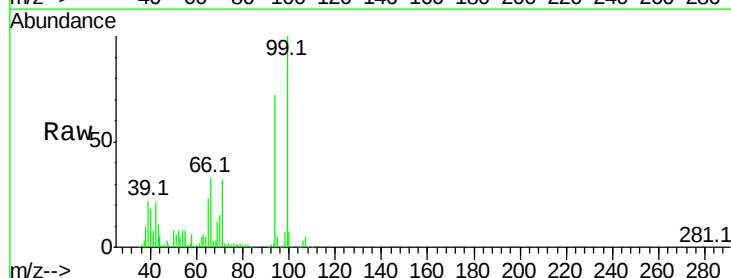
Tgt Ion: 99 Resp: 1120665

Ion Ratio Lower Upper

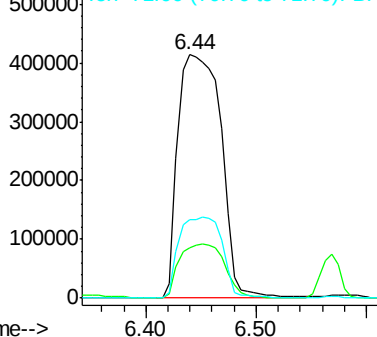
99 100

42 20.9 14.5 21.7

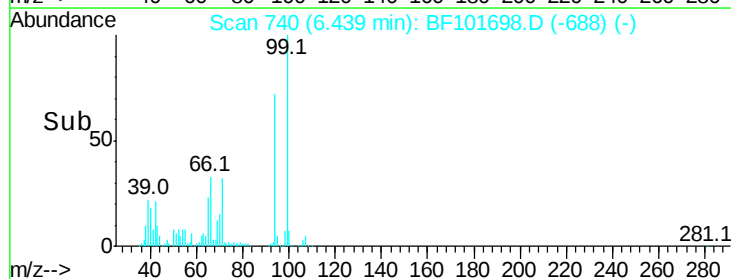
71 32.2 25.4 38.0

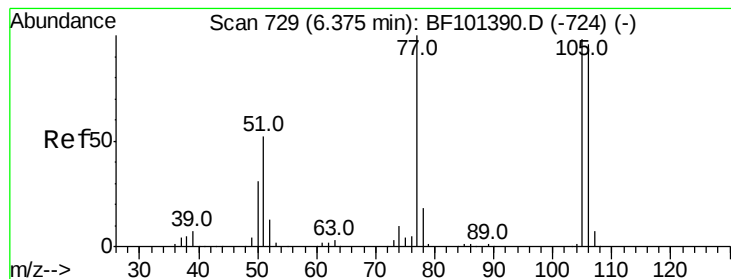


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->





#9

Benzaldehyde

Concen: 4.411 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampled :

WC-10257-01

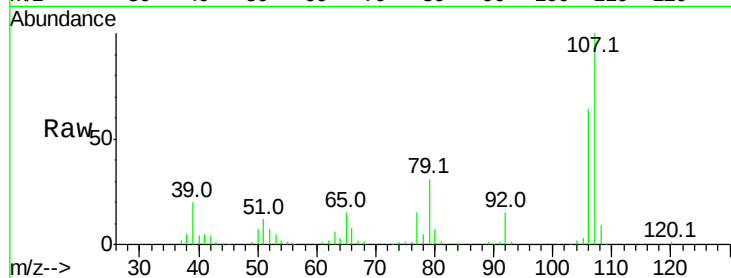
Tot Ion: 77 Resp: 43202

Ion Ratio Lower Upper

77 100

105 21.2 81.1 121.1#

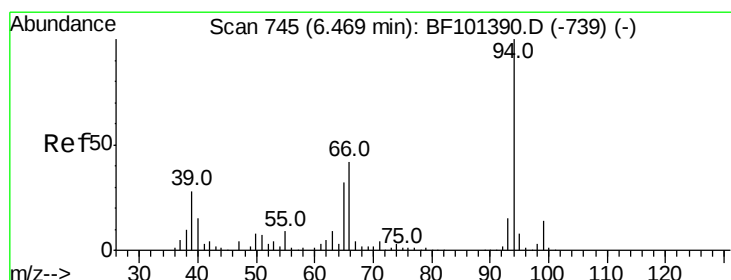
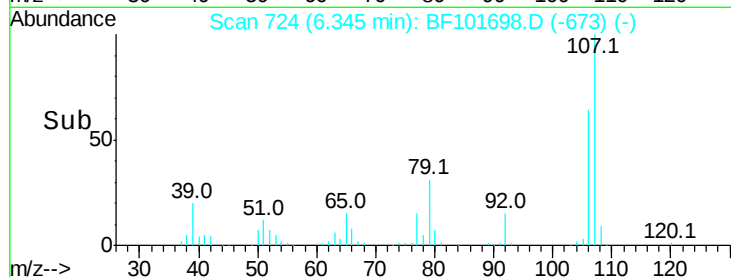
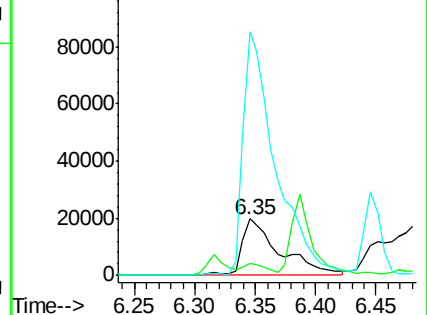
106 431.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 226.647 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.04 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

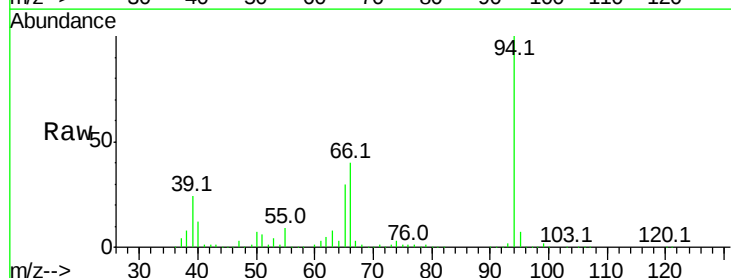
Tgt Ion: 94 Resp: 3425668

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

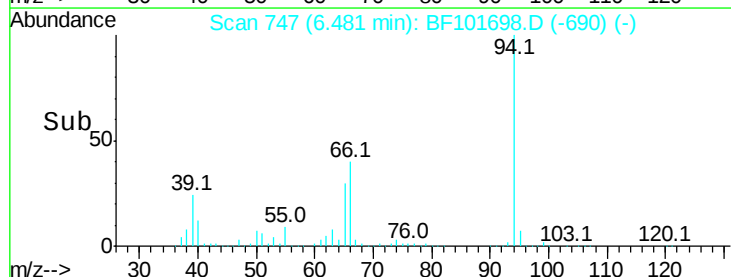
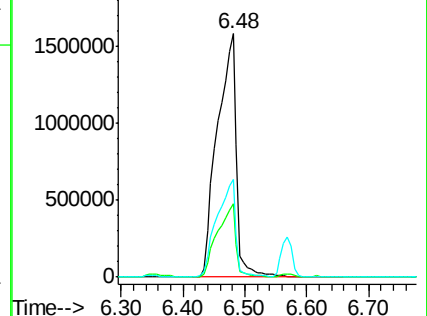
66 40.3 16.2 56.2

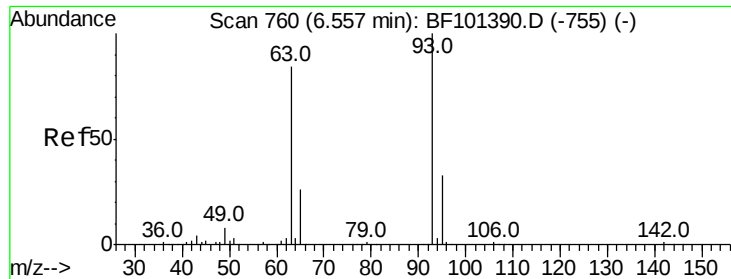


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

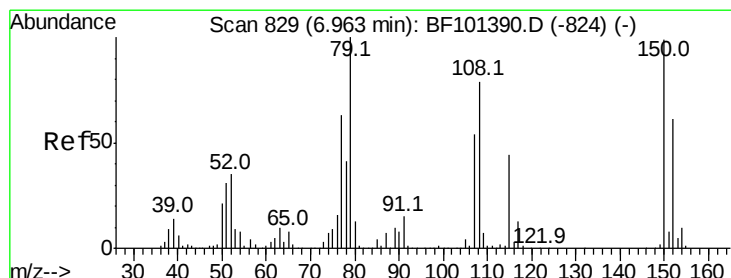
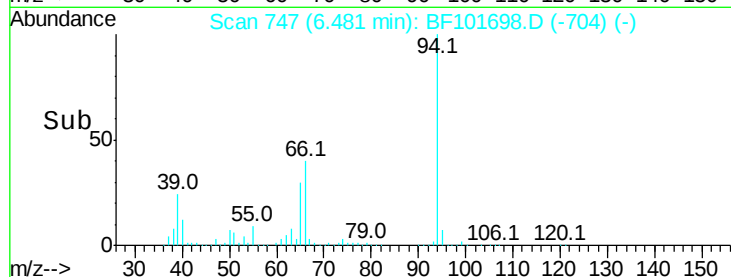
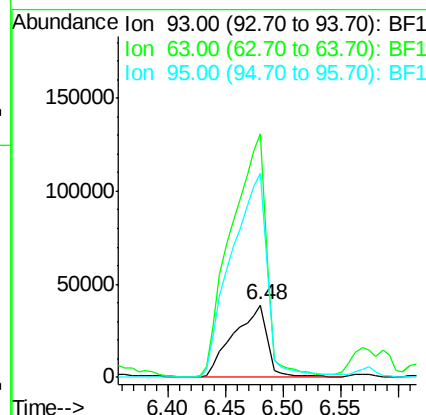
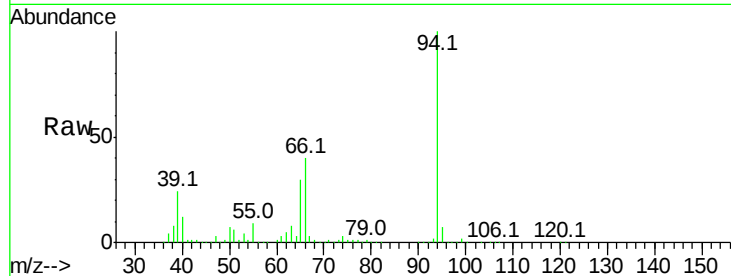




#11
bis(2-Chloroethyl)ether
Concen: 6.713 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

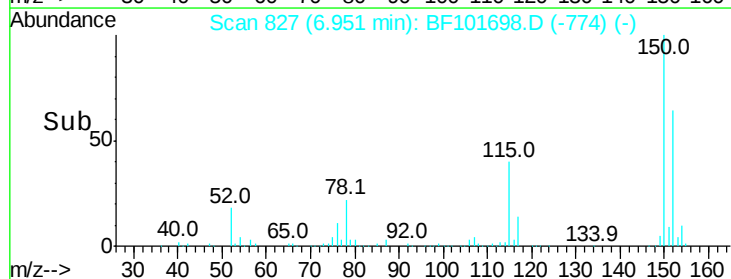
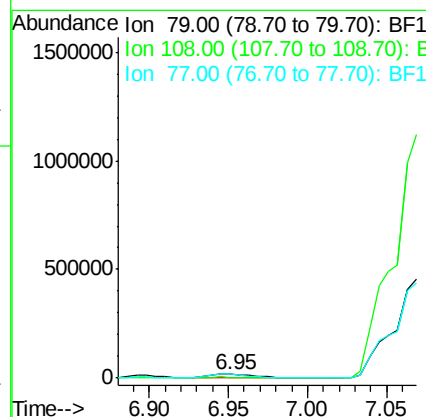
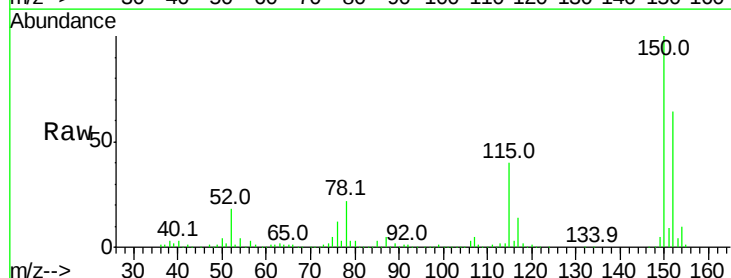
Instrument :
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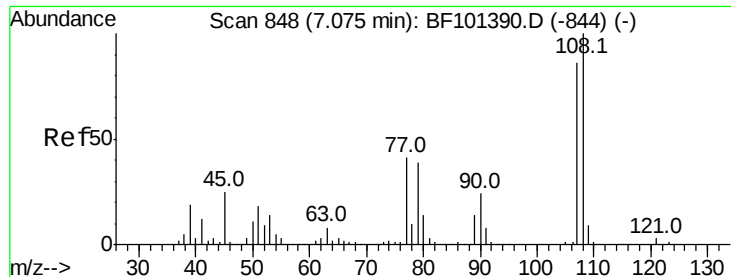
Tot Ion: 93 Resp: 79591
Ion Ratio Lower Upper
93 100
63 335.8 58.6 98.6#
95 281.5 11.8 51.8#



#15
Benzyl Alcohol
Concen: 3.703 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Tgt Ion: 79 Resp: 33803
Ion Ratio Lower Upper
79 100
108 24.0 65.1 97.7#
77 92.1 50.6 75.8#





#17

2-Methylphenol

Concen: 132.366 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.02 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

Tot Ion:107 Resp: 1364766

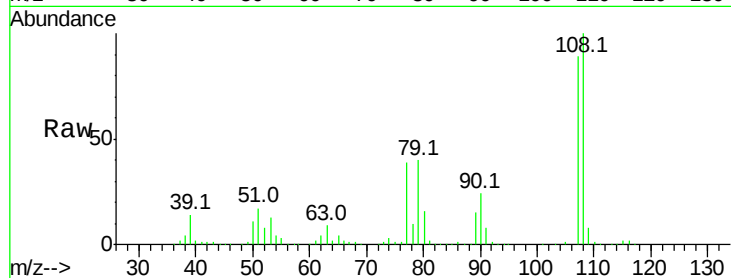
Ion Ratio Lower Upper

107 100

108 112.7 91.7 137.5

77 44.1 33.8 50.8

79 45.5 33.8 50.8

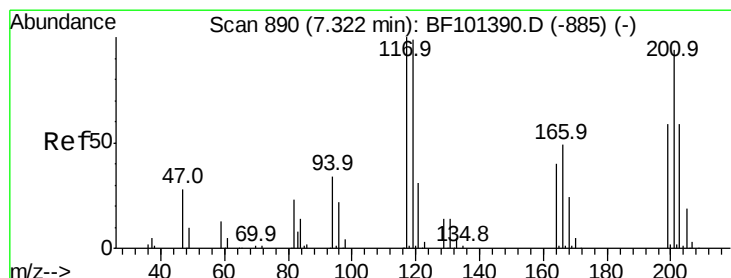
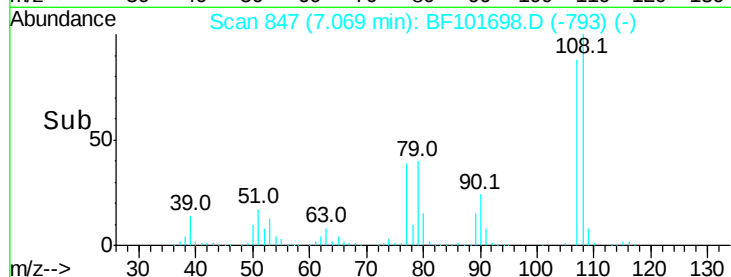
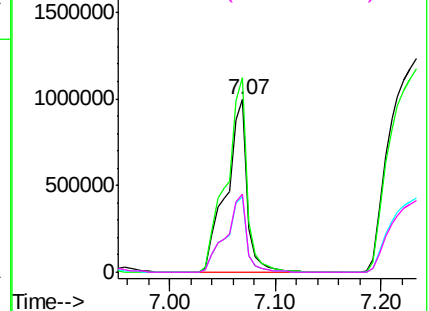


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.525 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.06 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

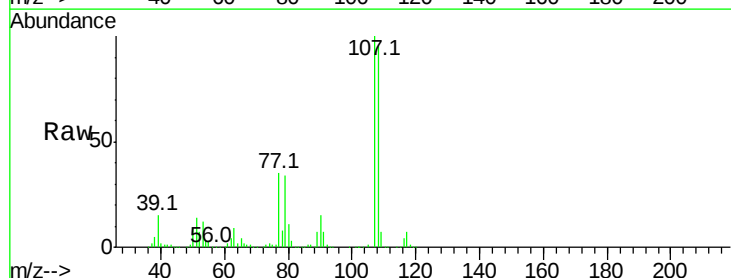
Tgt Ion:117 Resp: 146083

Ion Ratio Lower Upper

117 100

119 0.6 75.8 113.8#

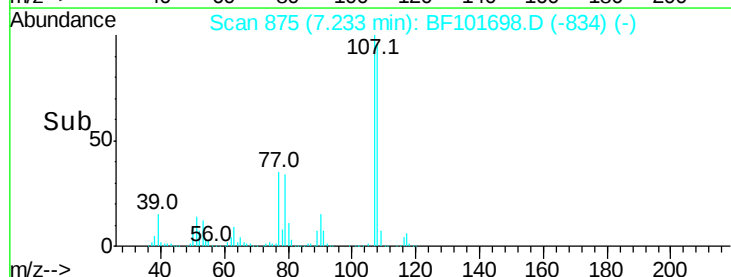
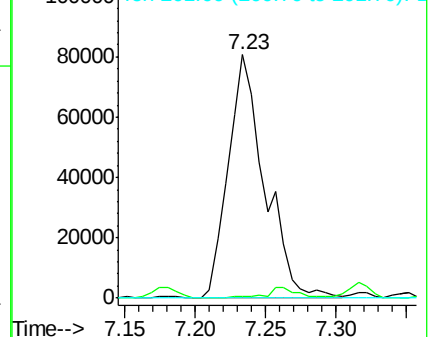
201 0.0 75.7 113.5#

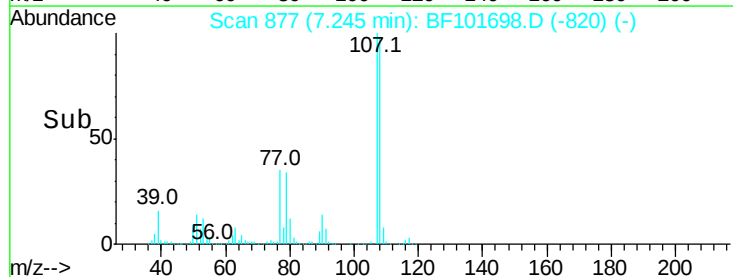
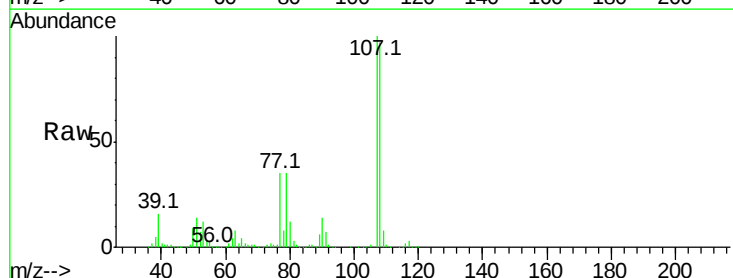
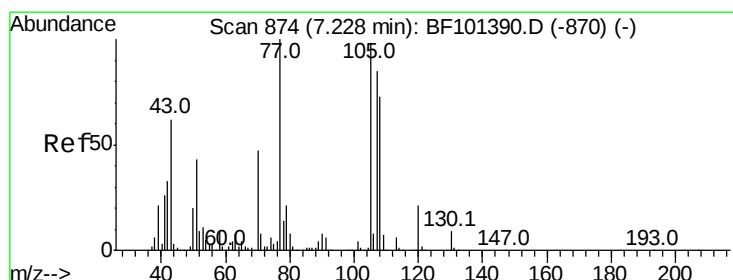
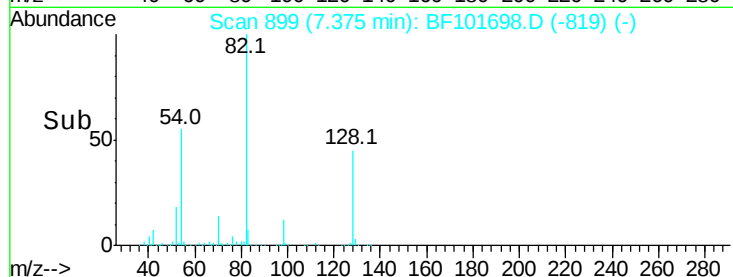
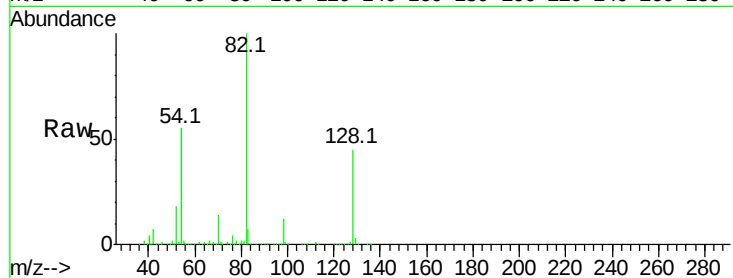
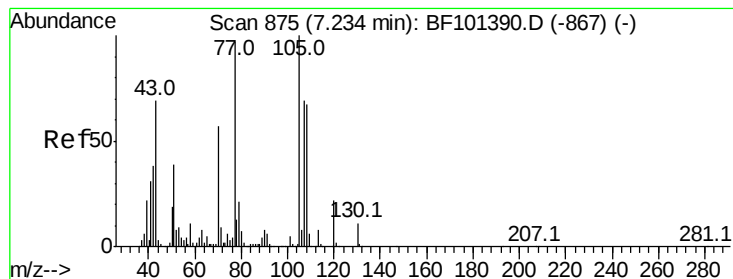


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.464 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.17 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

Tot Ion: 70 Resp: 143385

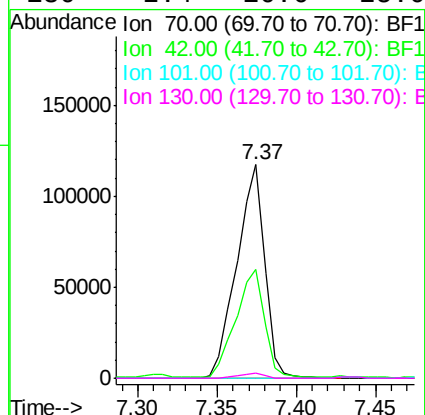
Ion Ratio Lower Upper

70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#20

3+4-Methylphenols

Concen: 358.528 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.04 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Tgt Ion:107 Resp: 3917227

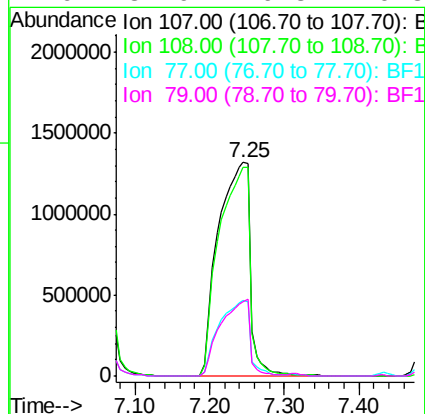
Ion Ratio Lower Upper

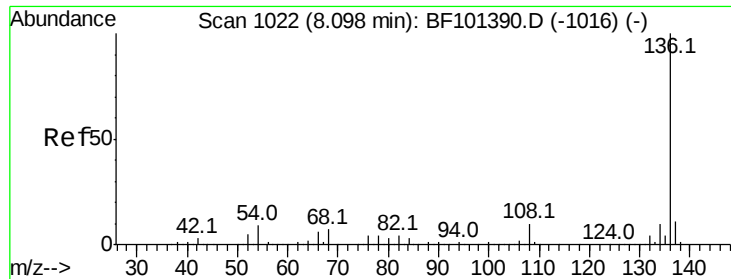
107 100

108 97.5 68.2 108.2

77 35.2 26.7 66.7

79 34.9 6.3 46.3

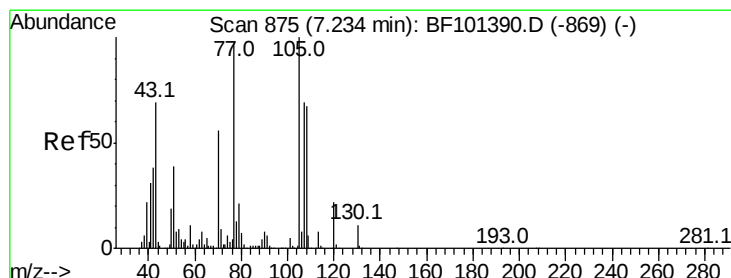
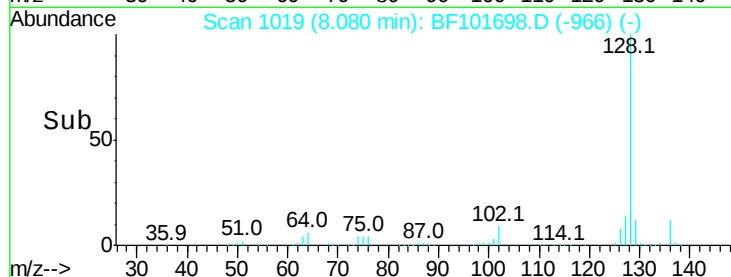
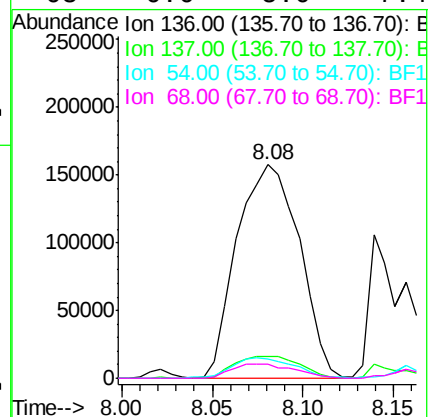
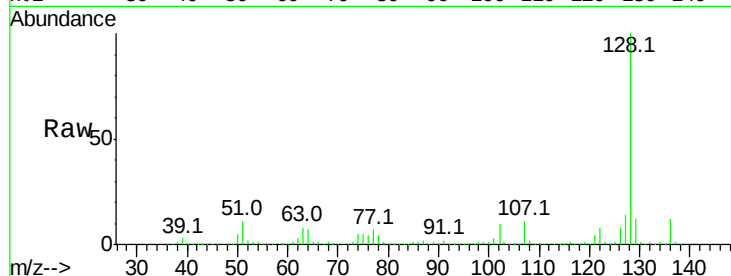




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

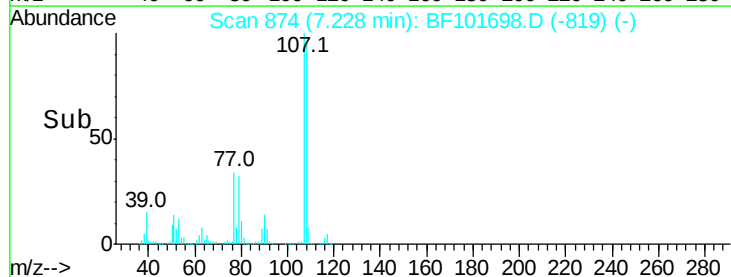
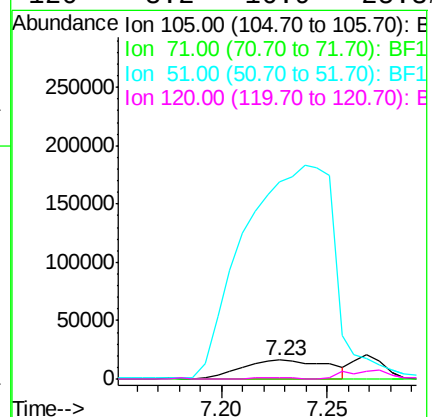
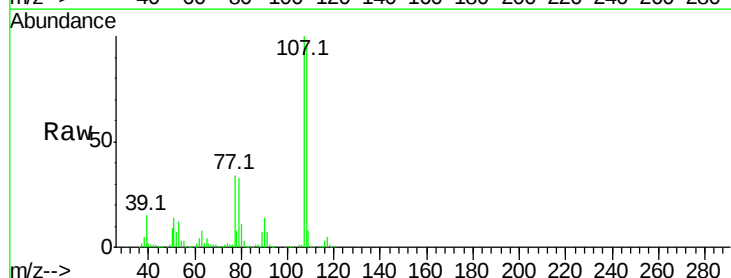
Instrument :
BNA_F
ClientSampleId :
WC-10257-01

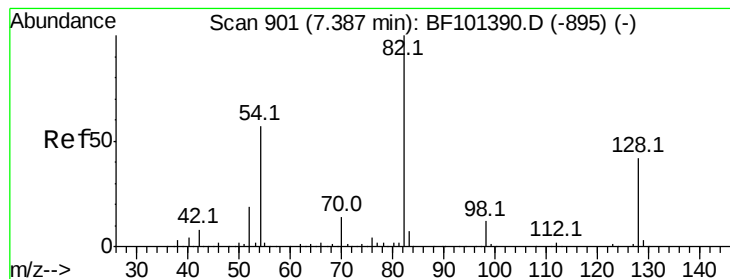
Tot Ion:	136	Resp:	378417
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.2	6.6	9.8
68	6.6	5.0	7.4



#22
Acetophenone
Concen: 5.354 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.02 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Tgt Ion:	105	Resp:	46229
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.4	6.6#
51	1042.9	22.3	33.5#
120	8.2	16.9	25.3#





#23

Nitrobenzene-d5

Concen: 154.924 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

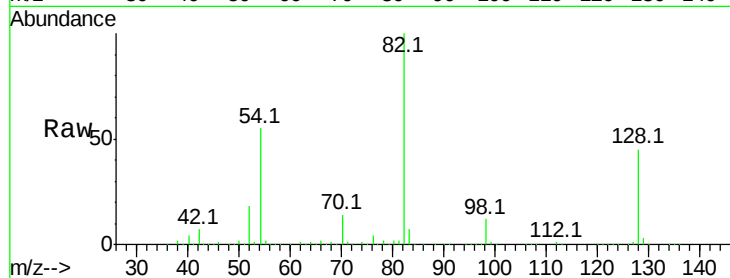
Tot Ion: 82 Resp: 1053174

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

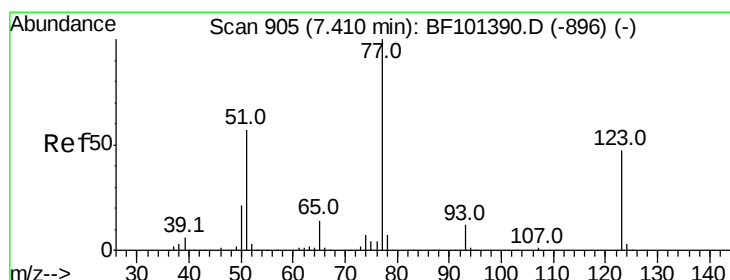
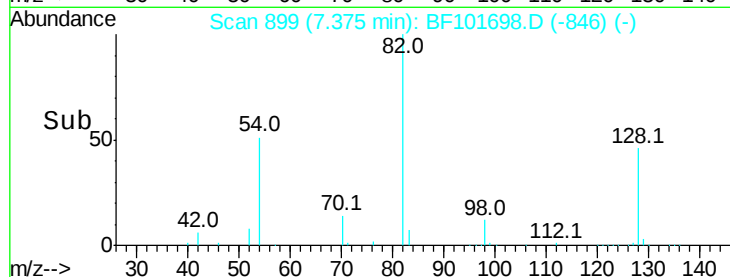
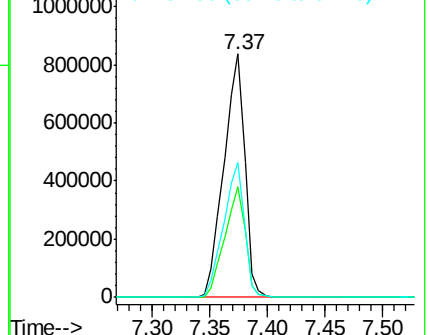
54 55.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 21.529 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.11 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

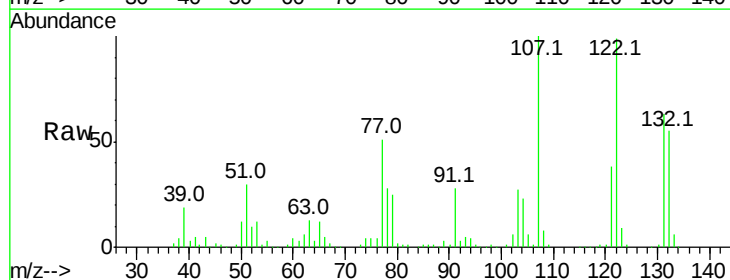
Tgt Ion: 77 Resp: 161981

Ion Ratio Lower Upper

77 100

123 17.5 37.9 56.9#

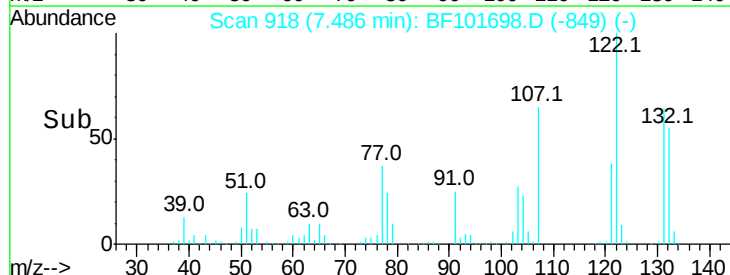
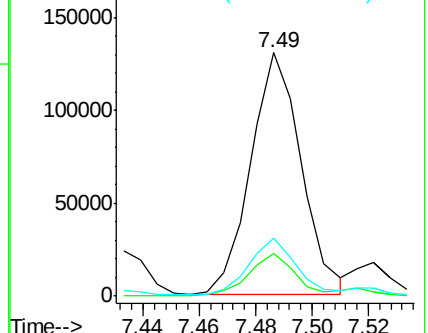
65 23.6 11.0 16.4#

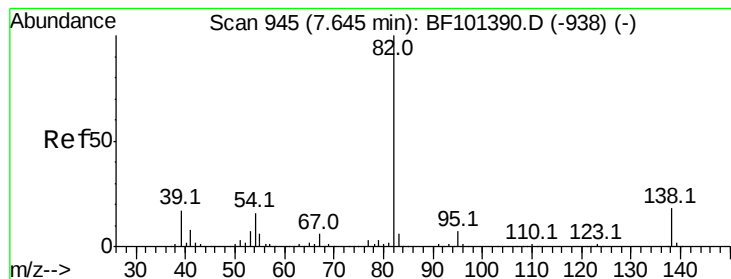


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 77.227 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.24 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

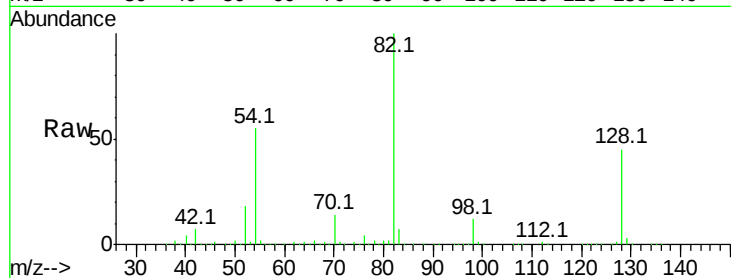
Tot Ion: 82 Resp: 1053168

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

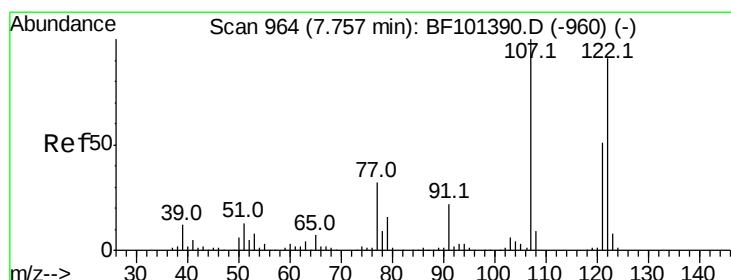
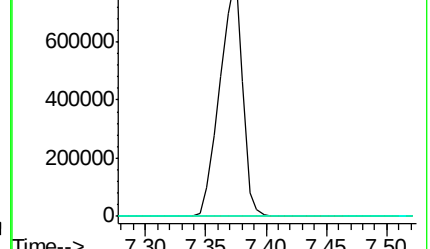
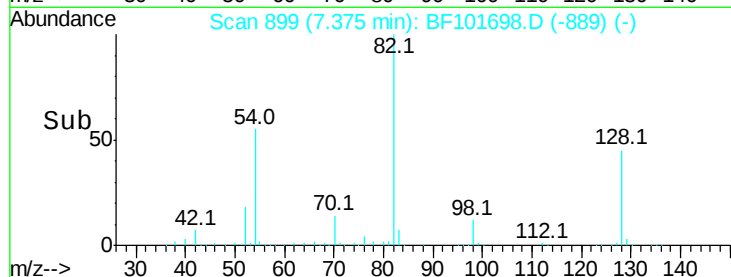


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#27

2,4-Dimethylphenol

Concen: 327.920 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.04 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

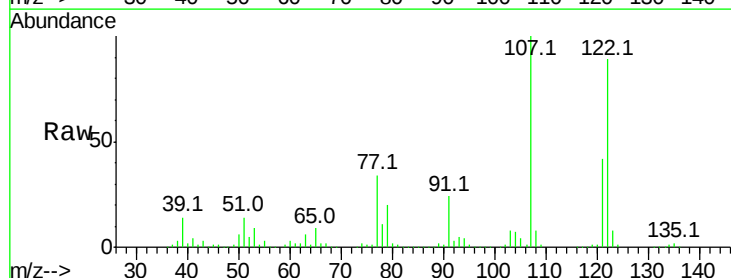
Tgt Ion:122 Resp: 1800698

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

121 47.0 47.2 70.8#

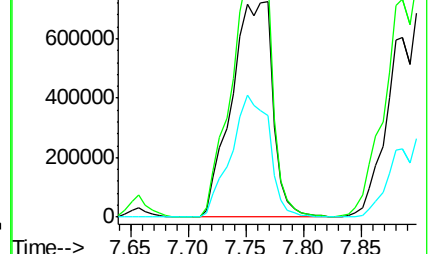
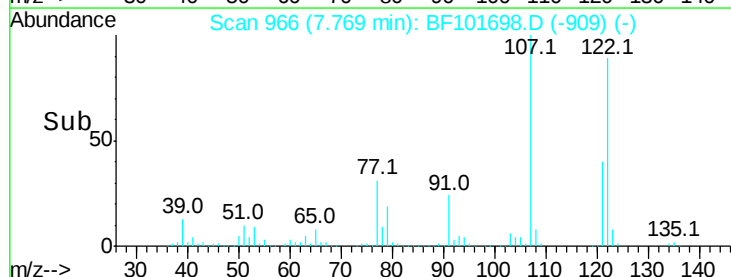


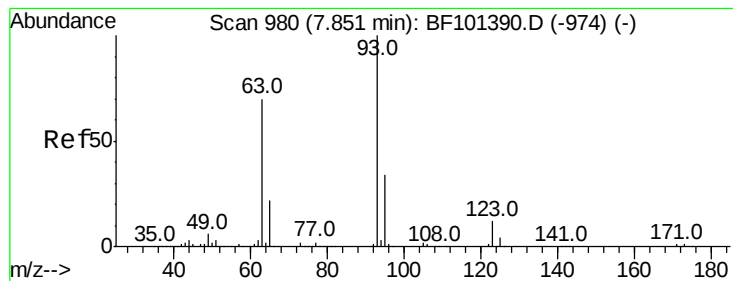
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->





#28

bis(2-Chloroethoxy)methane

Concen: 9.777 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

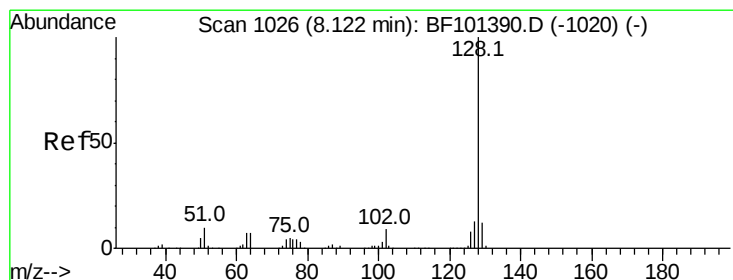
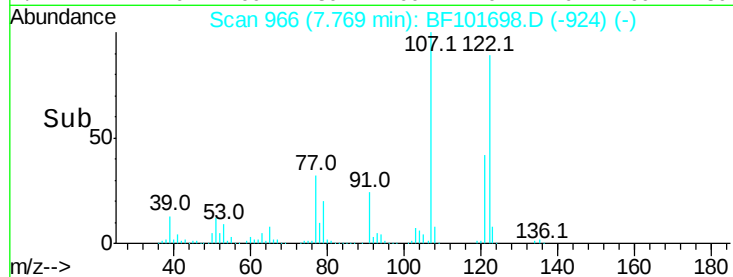
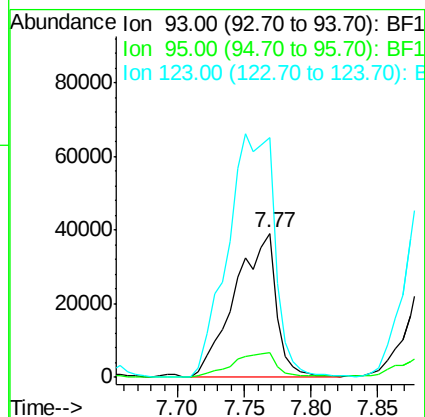
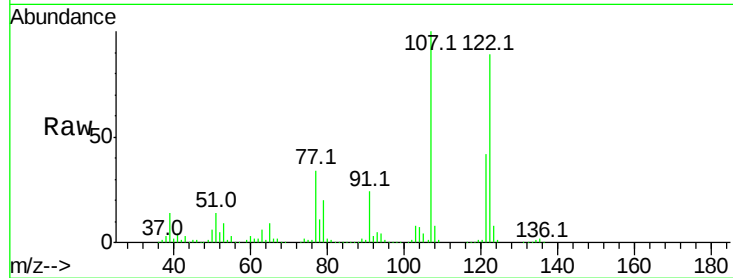
Tot Ion: 93 Resp: 84691

Ion Ratio Lower Upper

93 100

95 17.2 26.3 39.5#

123 166.3 9.8 14.6#



#31

Naphthalene

Concen: 471.980 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

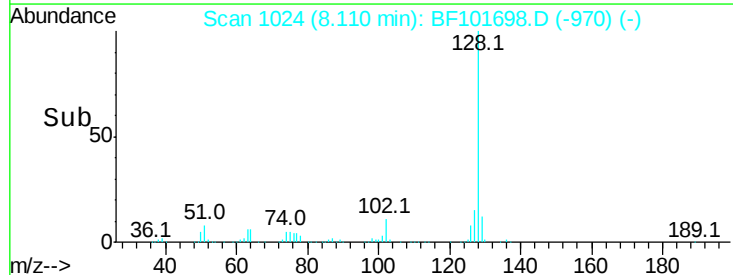
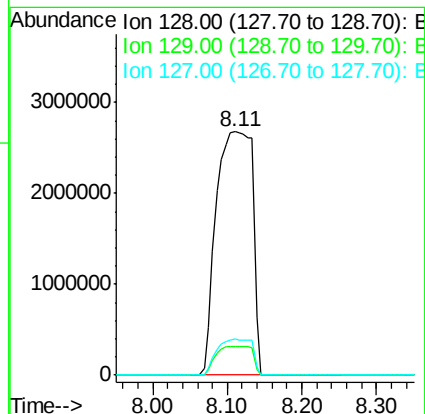
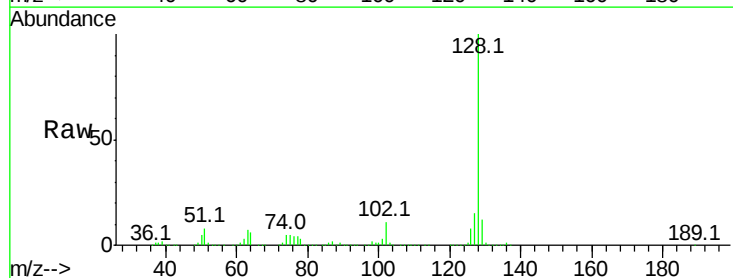
Tgt Ion:128 Resp: 8991649

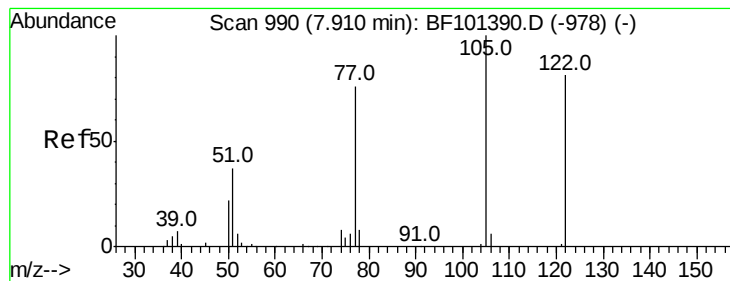
Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

127 14.7 10.9 16.3





#32

Benzoic acid

Concen: 435.849 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

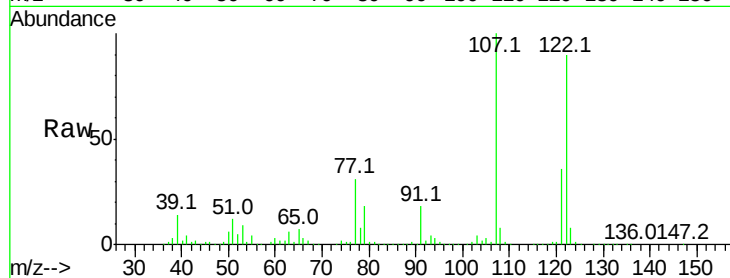
Tot Ion:122 Resp: 1897977

Ion Ratio Lower Upper

122 100

105 3.5 101.1 141.1#

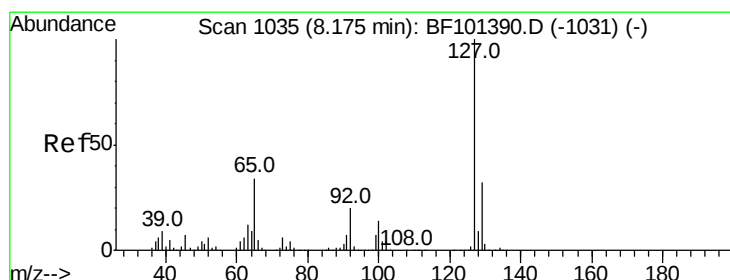
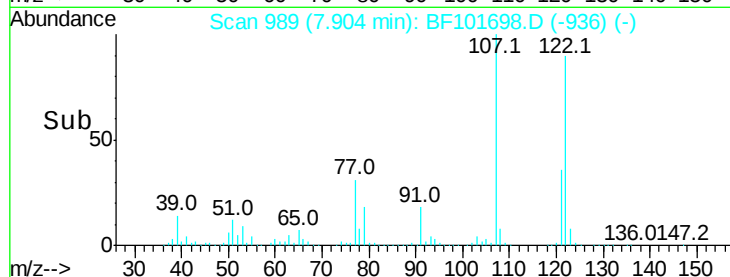
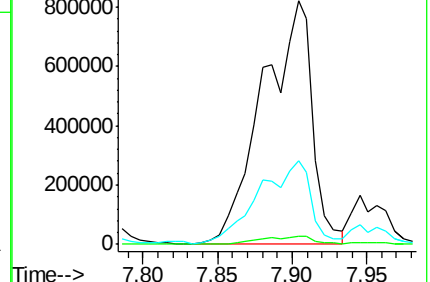
77 34.4 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 155.917 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Tgt Ion:127 Resp: 1291017

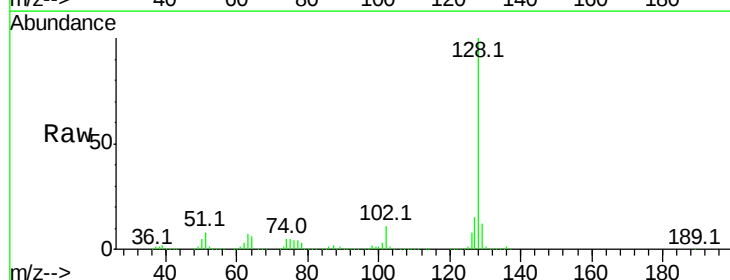
Ion Ratio Lower Upper

127 100

129 81.6 25.9 38.9#

65 0.0 25.0 37.4#

92 0.1 15.2 22.8#

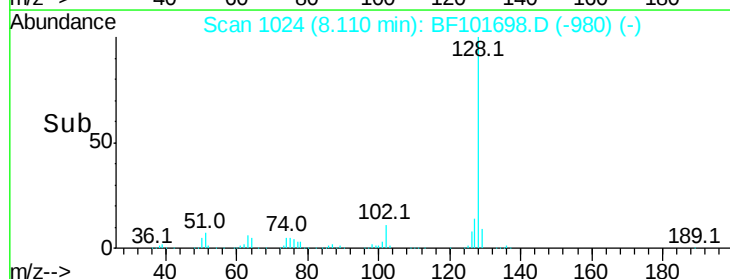
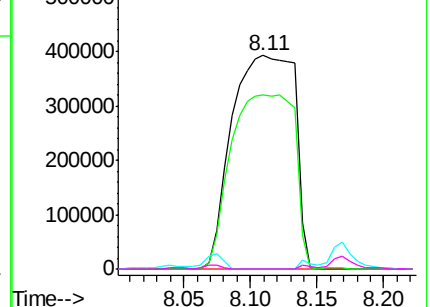


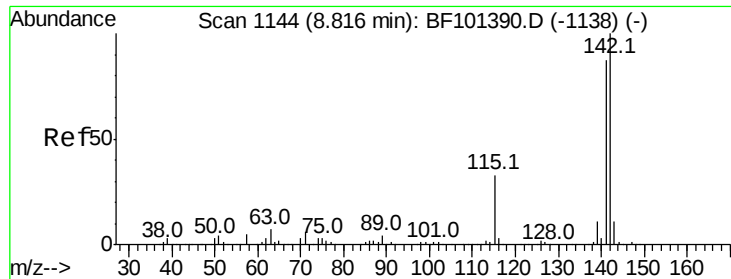
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

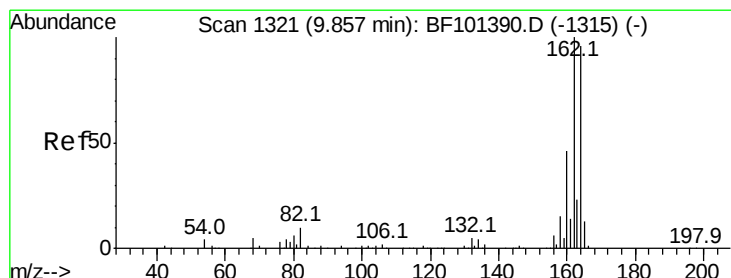
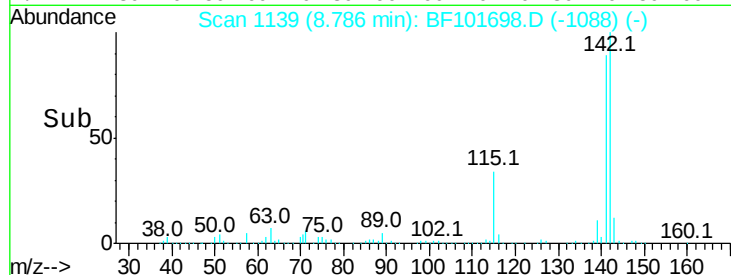
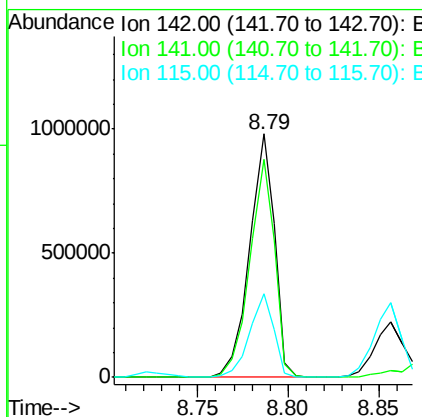
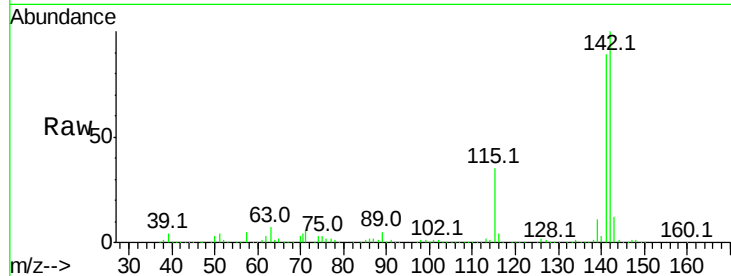




#37
2-Methylnaphthalene
Concen: 75.558 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

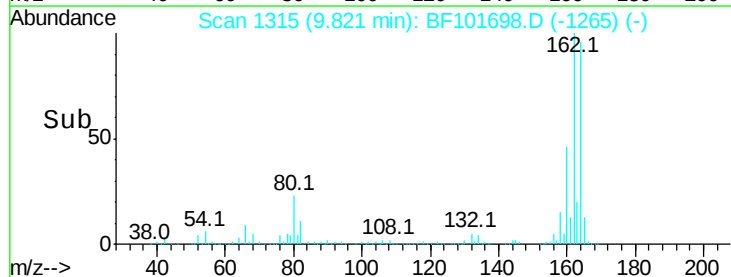
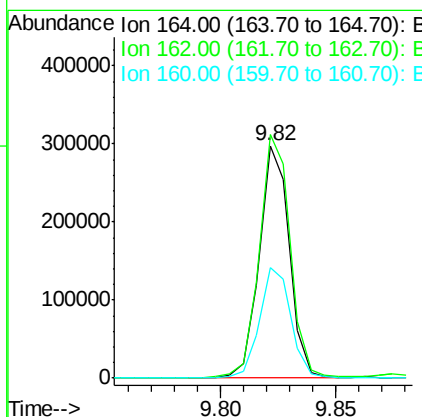
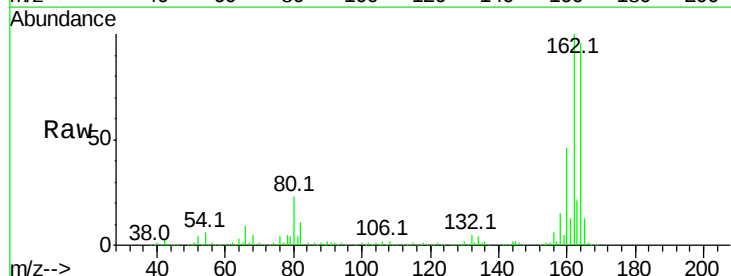
Instrument :
BNA_F
ClientSampleId :
WC-10257-01

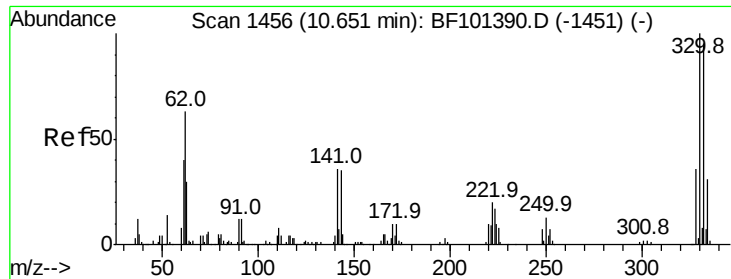
Tot Ion:142 Resp: 937831
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 34.5 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Tgt Ion:164 Resp: 270678
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 47.7 38.3 57.5

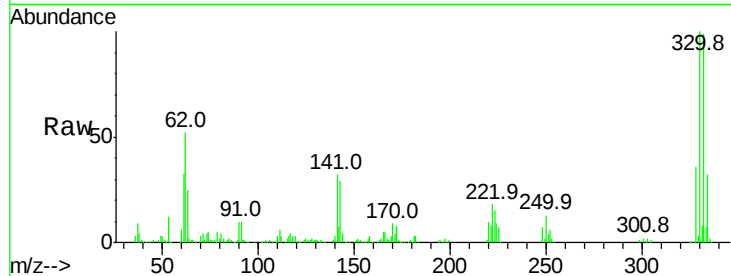




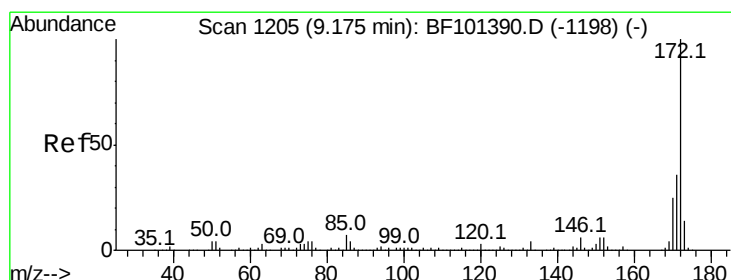
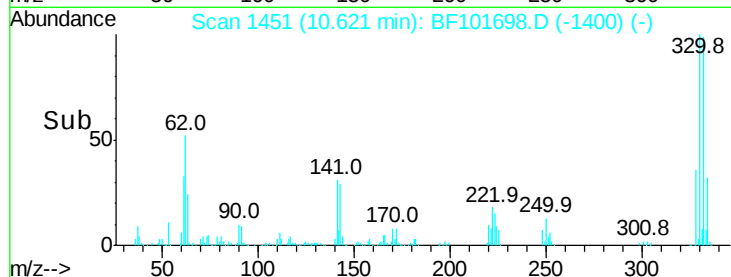
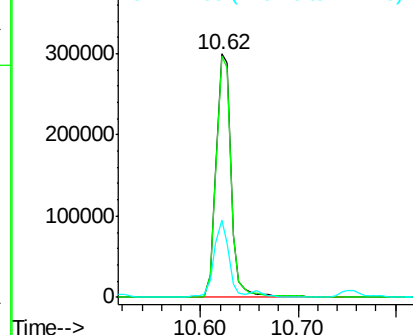
#41
 2,4,6-Tribromophenol
 Concen: 123.328 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	30.7	29.9	44.9

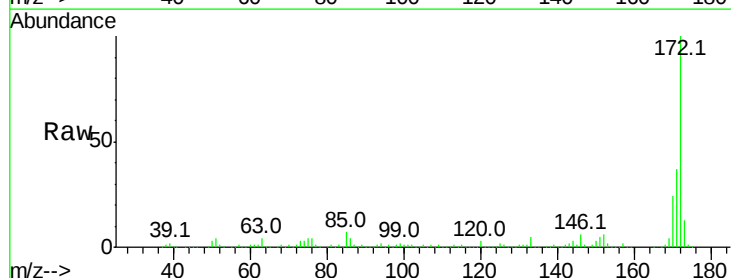


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

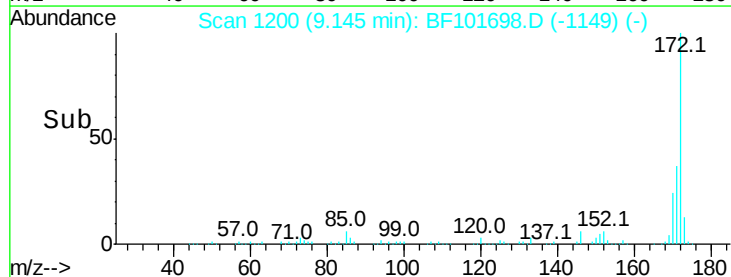
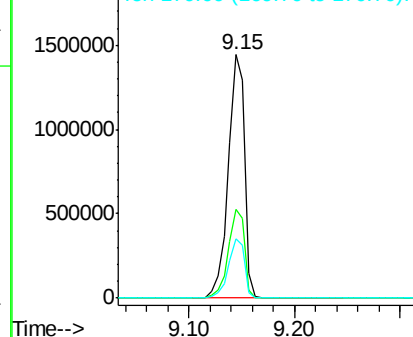


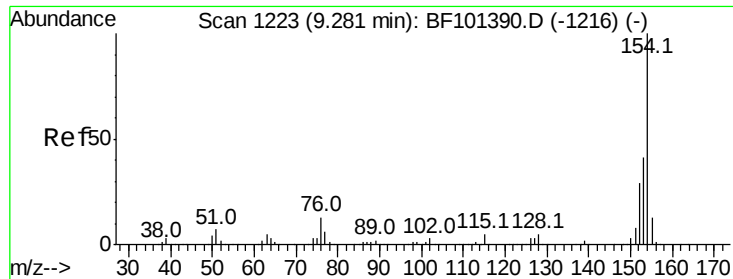
#44
 2-Fluorobiphenyl
 Concen: 88.355 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	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

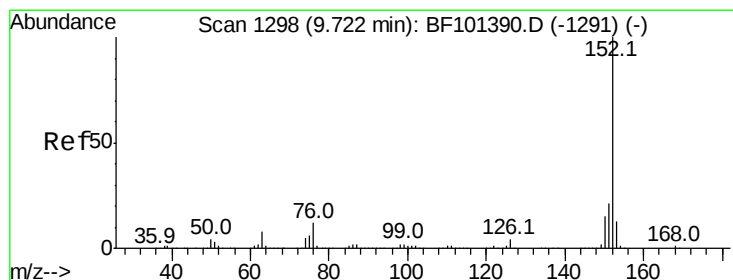
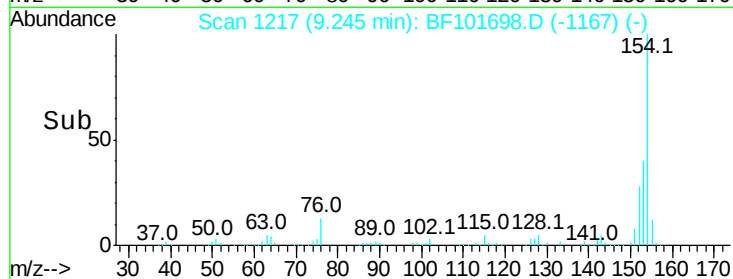
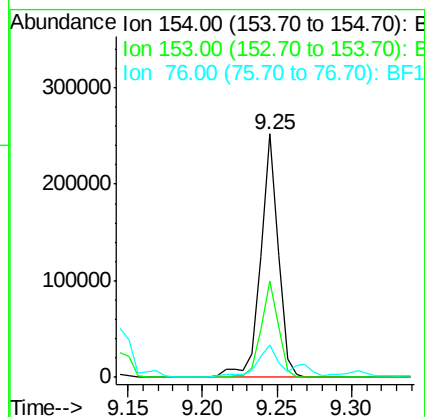
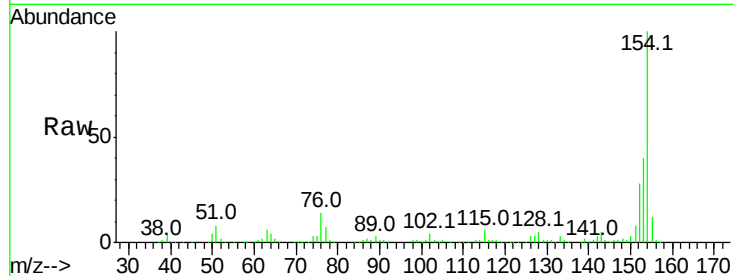




#45
 1,1'-Biphenyl
 Concen: 8.466 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

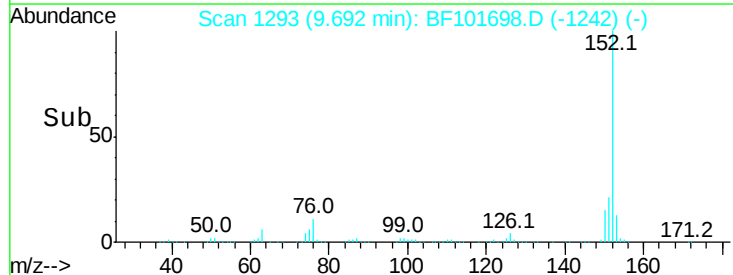
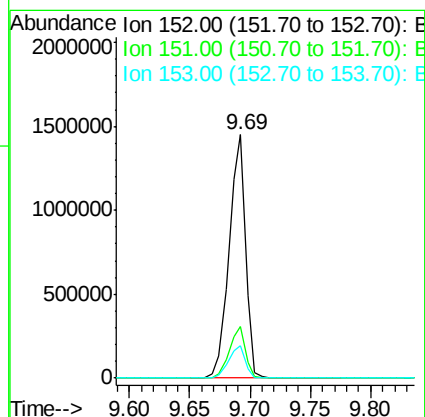
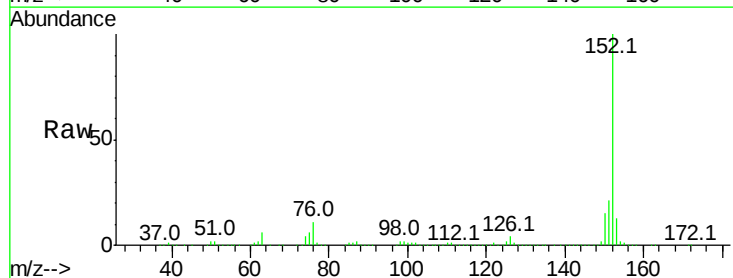
Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01

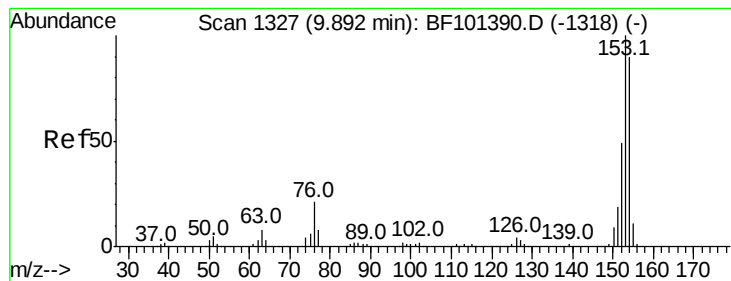
Tot Ion:154 Resp: 203220
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.3 61.3
 76 13.5 0.0 34.0



#48
 Acenaphthylene
 Concen: 47.254 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

Tgt Ion:152 Resp: 1370886
 Ion Ratio Lower Upper
 152 100
 151 21.2 16.3 24.5
 153 13.4 10.7 16.1





#51

Acenaphthene

Concen: 5.068 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

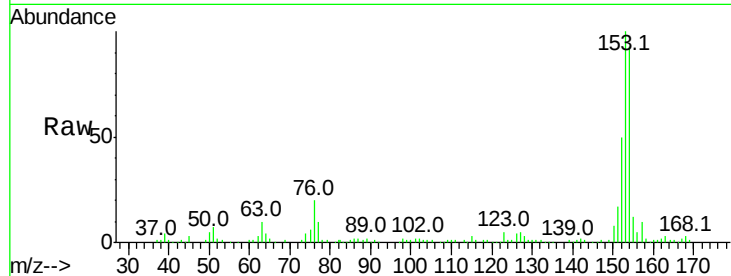
Tot Ion:154 Resp: 88338

Ion Ratio Lower Upper

154 100

153 107.6 91.2 136.8

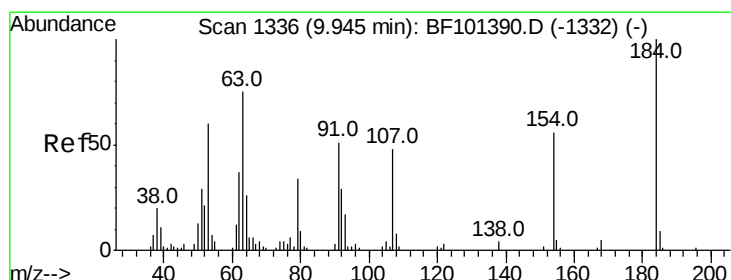
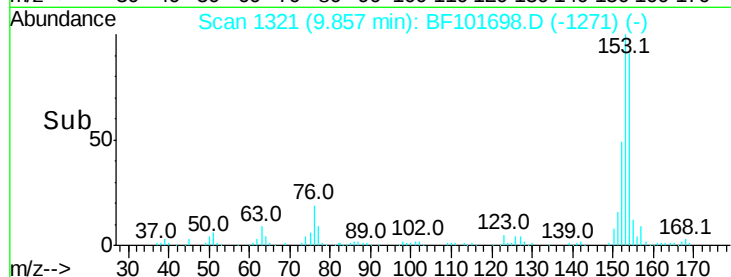
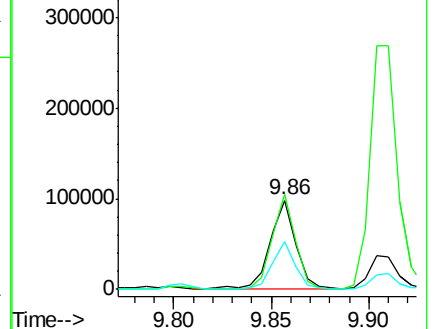
152 53.6 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 10.583 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.04 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

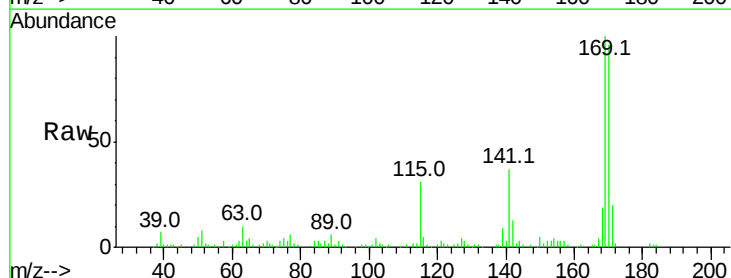
Tgt Ion:184 Resp: 465

Ion Ratio Lower Upper

184 100

63 1393.1 54.2 81.2#

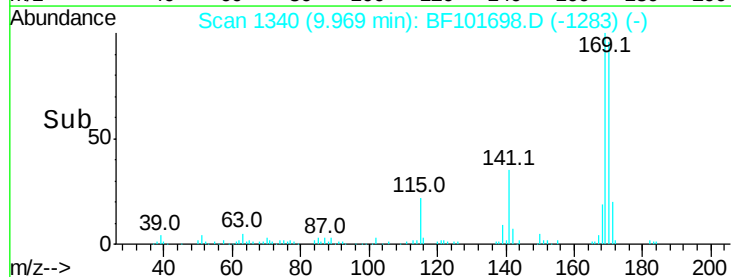
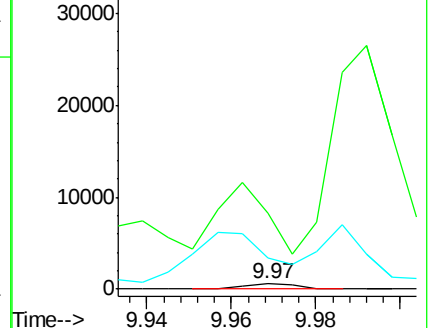
154 577.4 184.0 276.0#

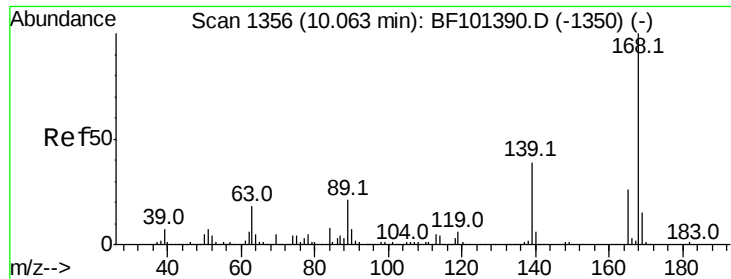


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

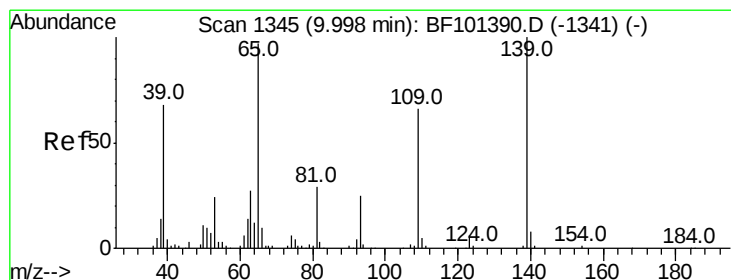
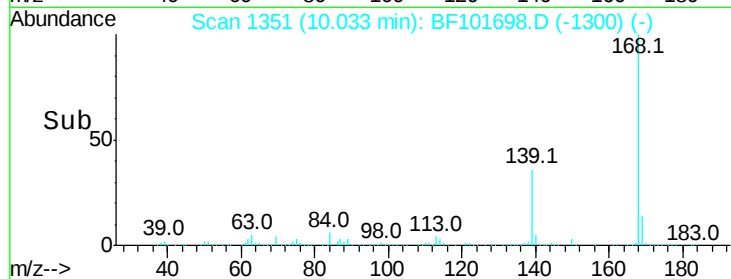
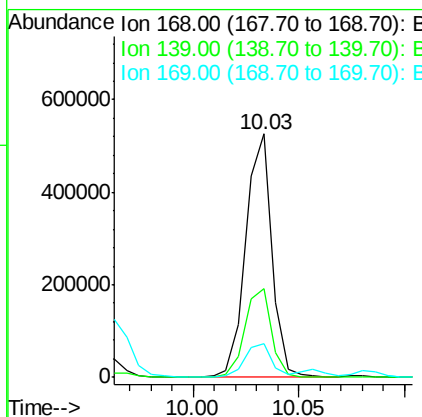
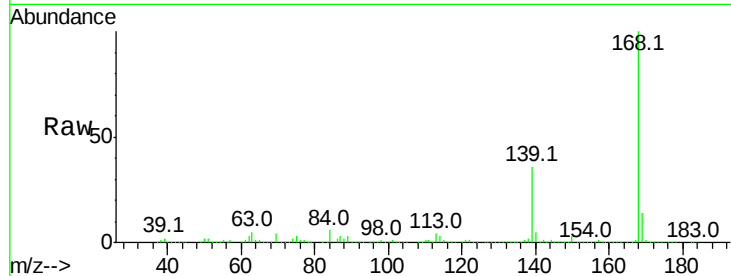




#54
 Dibenzofuran
 Concen: 20.376 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

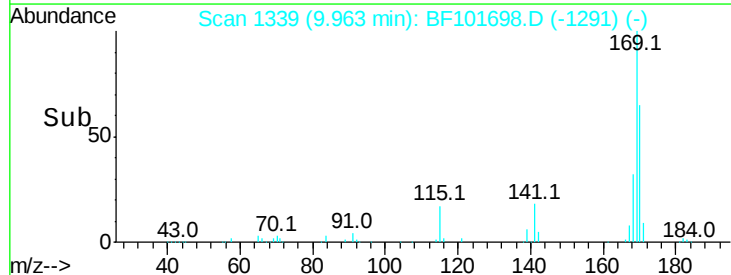
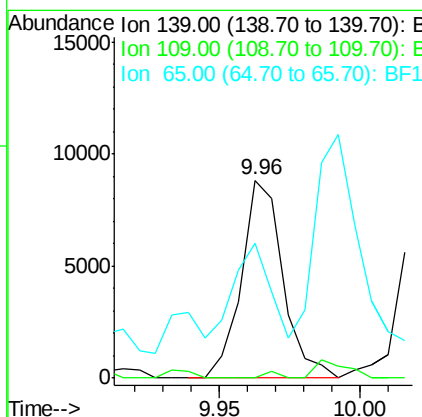
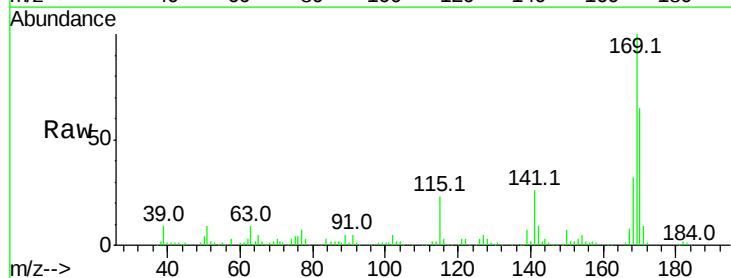
Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01

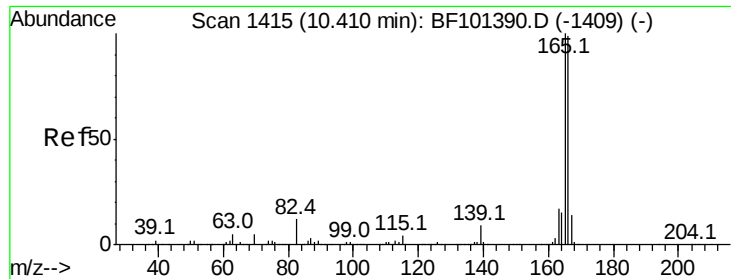
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	13.7	10.9	16.3



#55
 4-Nitrophenol
 Concen: 3.734 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.02 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	68.2	72.6	112.6#





#57

Fluorene

Concen: 21.619 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

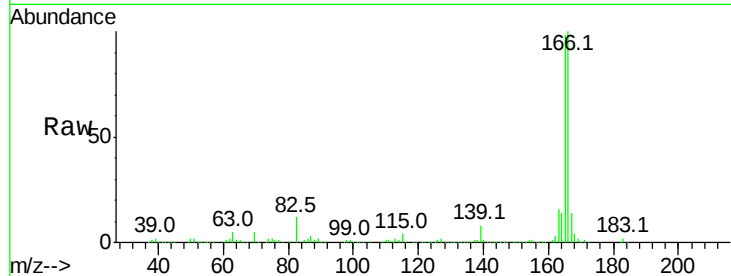
Tot Ion:166 Resp: 405105

Ion Ratio Lower Upper

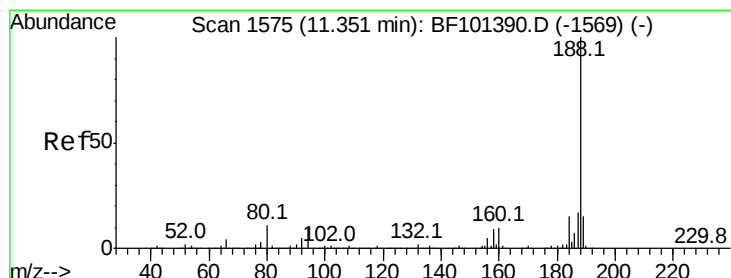
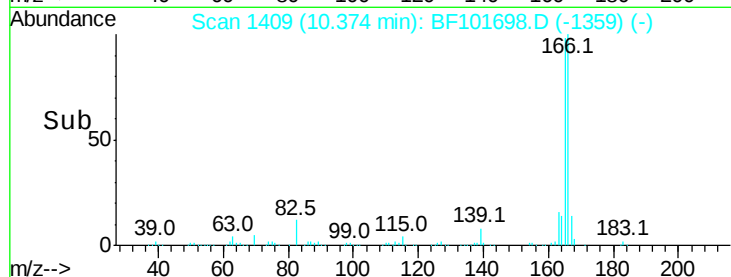
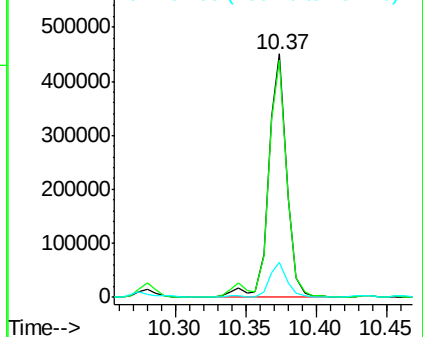
166 100

165 97.5 79.8 119.8

167 14.3 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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

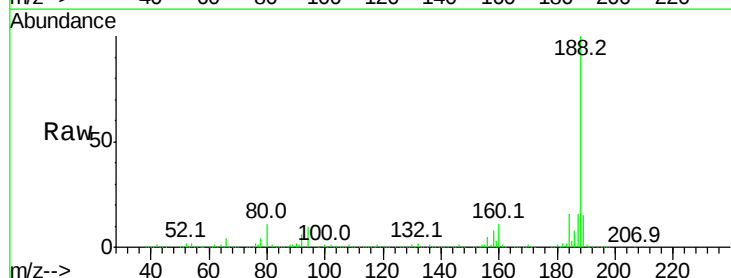
Tgt Ion:188 Resp: 456401

Ion Ratio Lower Upper

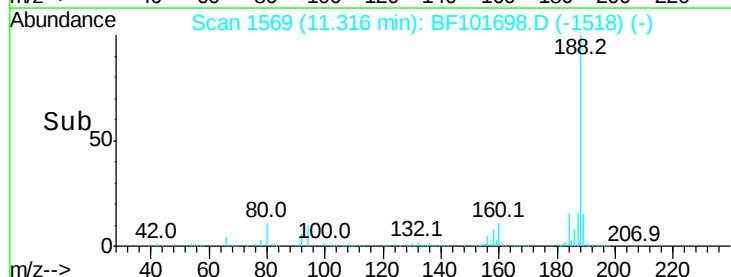
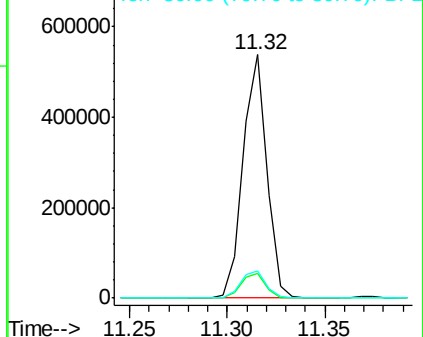
188 100

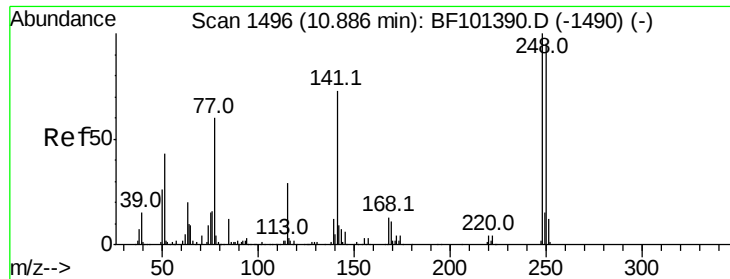
94 10.1 8.5 12.7

80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

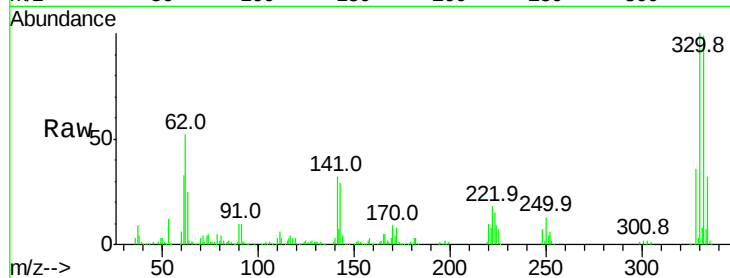




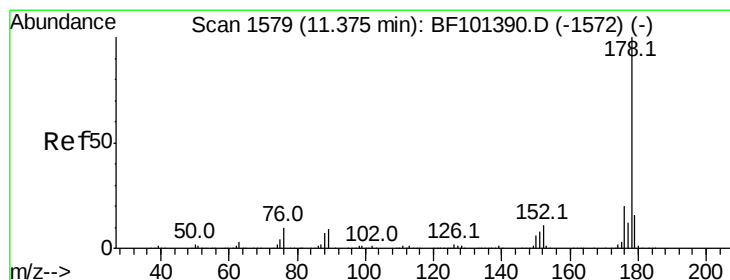
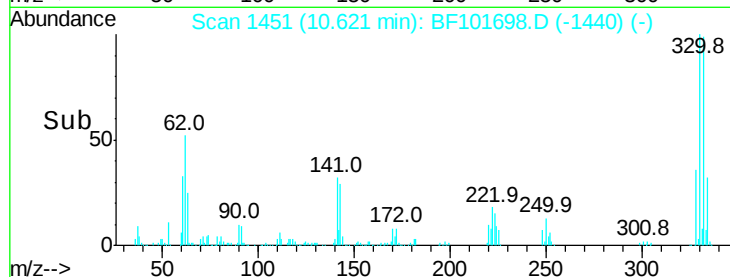
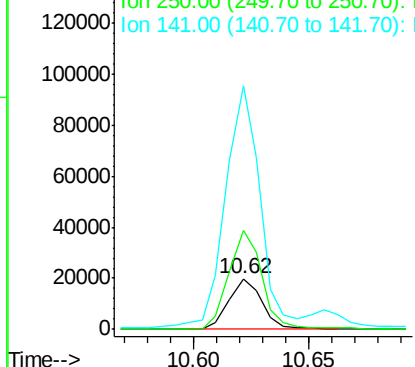
#66
4-Bromophenyl-phenylether
Concen: 3.915 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Instrument :
BNA_F
ClientSampleId :
WC-10257-01

Tot Ion:248 Resp: 20078
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 481.7 74.4 111.6#

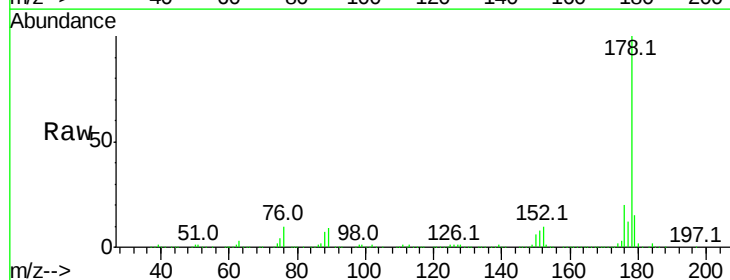


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

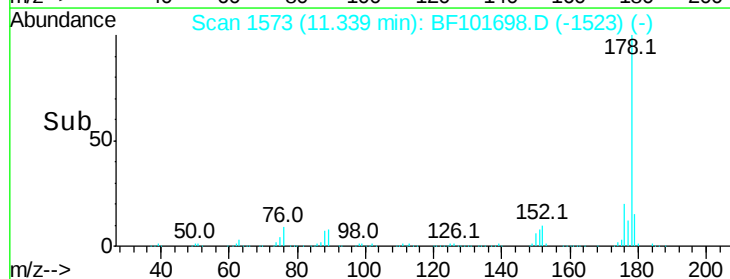
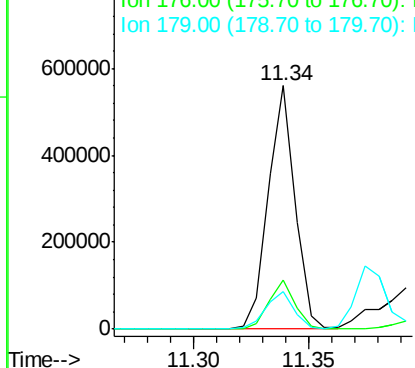


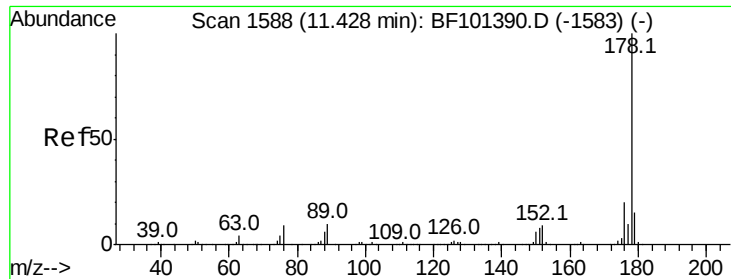
#70
Phenanthrene
Concen: 17.766 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Tgt Ion:178 Resp: 450912
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 15.5 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

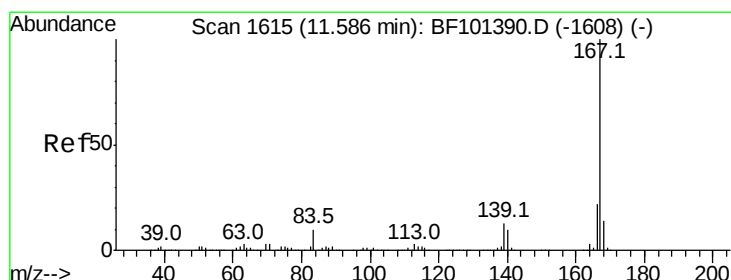
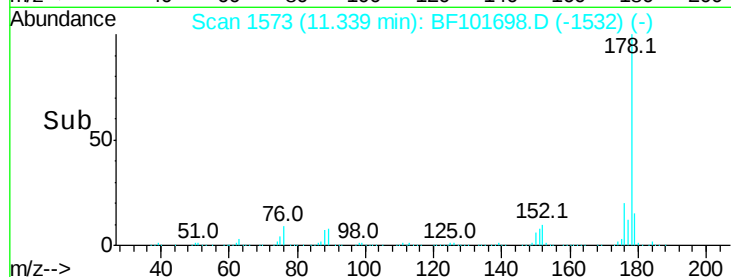
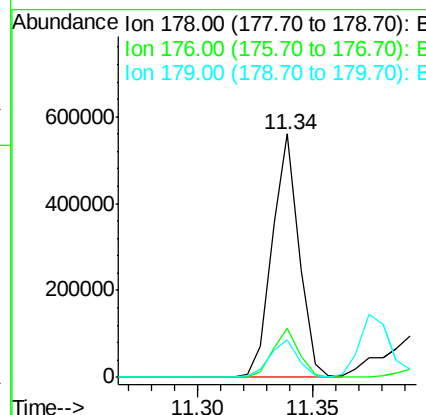
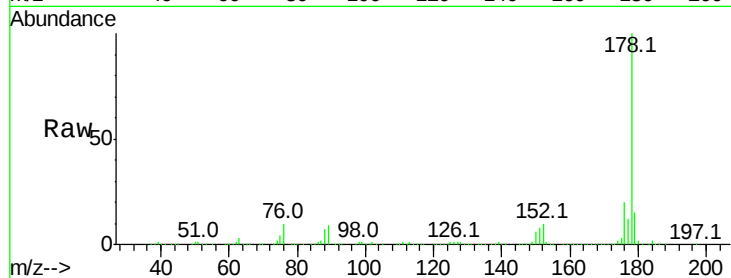




#71
 Anthracene
 Concen: 17.392 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.06 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

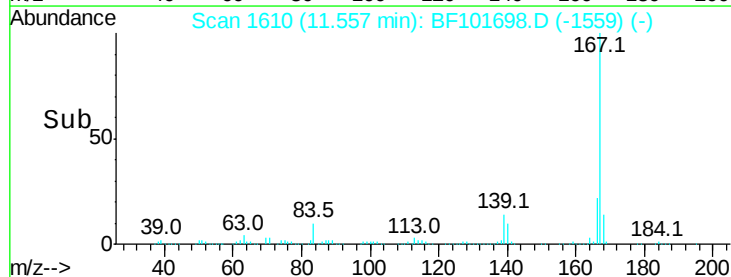
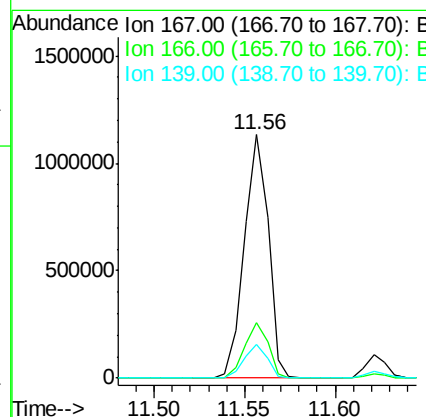
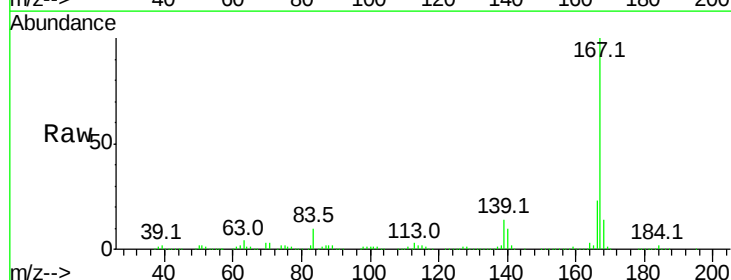
Instrument :
 BNA_F
 ClientSampleId :
 WC-10257-01

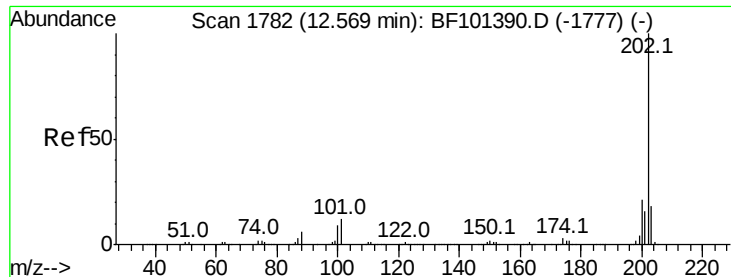
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.5	12.6	19.0



#72
 Carbazole
 Concen: 42.994 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF101698.D
 Acq: 23 Dec 2017 12:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.6	10.9	16.3

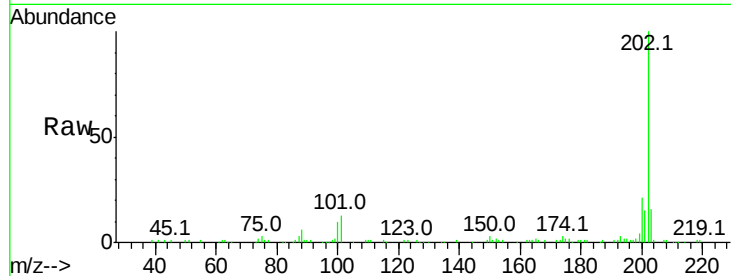




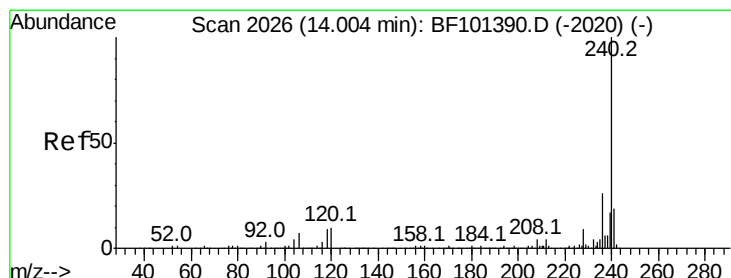
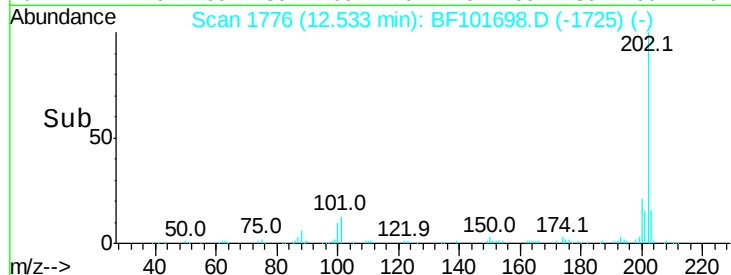
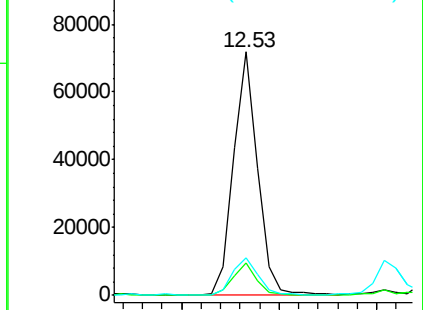
#74
Fluoranthene
Concen: 2.318 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.00 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Instrument :
BNA_F
ClientSampleId :
WC-10257-01

Tot Ion:202 Resp: 61762
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.1
203 15.6 0.0 38.1

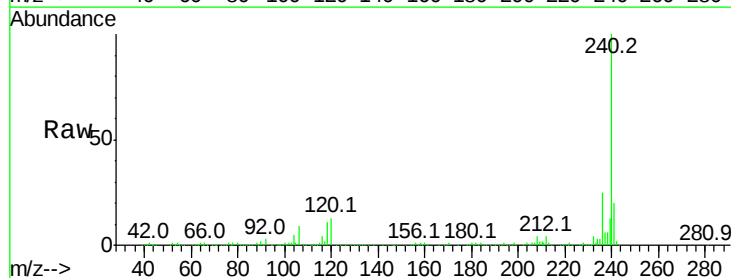


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

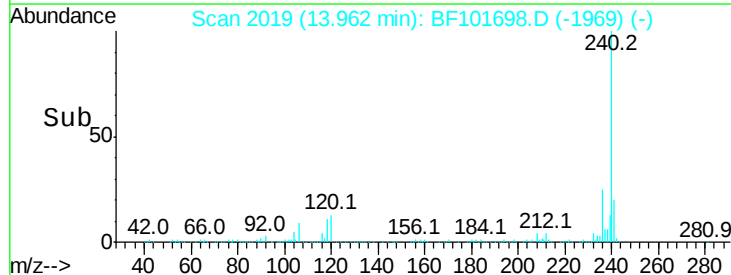
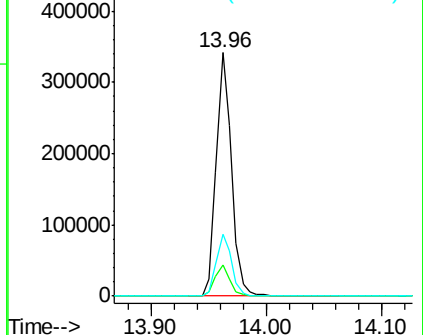


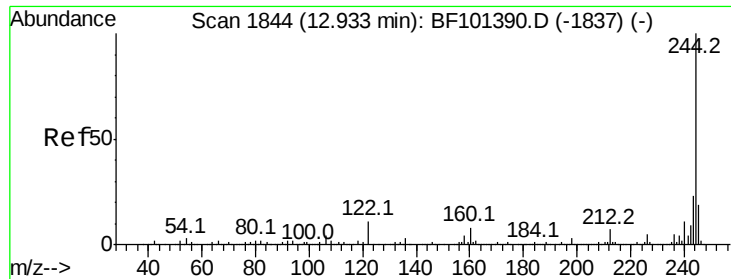
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101698.D
Acq: 23 Dec 2017 12:38

Tgt Ion:240 Resp: 311480
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.3 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





#78

Terphenyl-d14

Concen: 102.885 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

Instrument :

BNA_F

ClientSampleId :

WC-10257-01

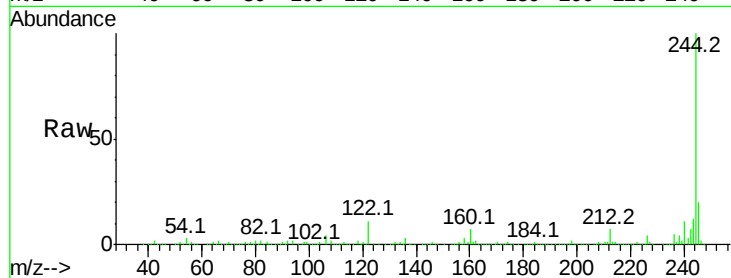
Tot Ion:244 Resp: 1329309

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

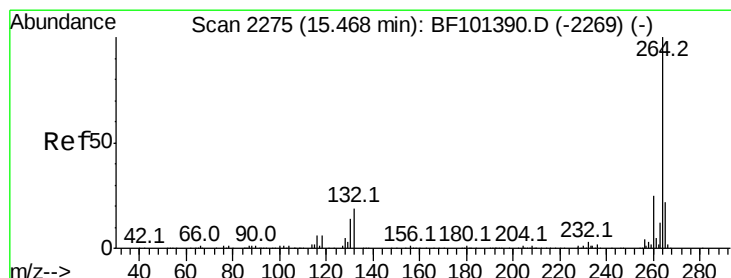
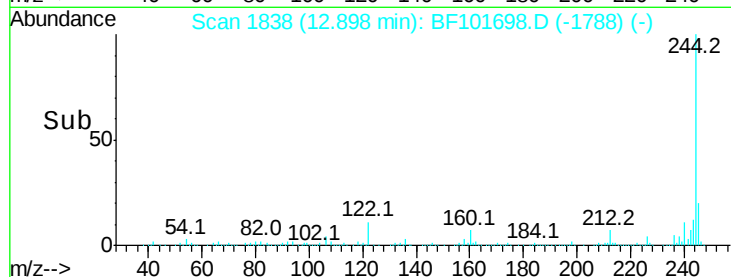
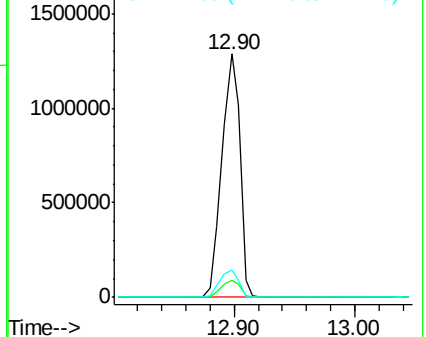
122 11.0 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.00 min

Lab File: BF101698.D

Acq: 23 Dec 2017 12:38

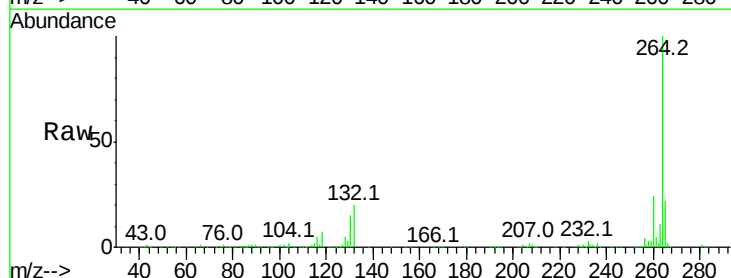
Tgt Ion:264 Resp: 287482

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.7 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

