

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101691.D
 Acq On : 23 Dec 2017 9:29
 Operator : SJ/JU
 Sample : I6838-03
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01

Quant Time: Dec 24 22:34:00 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	157921	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546344	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	266262	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	463022	20.00	ng	0.00
75) Chrysene-d12	13.96	240	309311	20.00	ng	0.00
86) Perylene-d12	15.43	264	260073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1326724	125.14	ng	0.02
7) Phenol-d6	6.44	99	1322218	100.21	ng	0.00
23) Nitrobenzene-d5	7.36	82	1027754	104.72	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	344386	134.23	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1573108	91.65	ng	0.00
78) Terphenyl-d14	12.90	244	1372122	106.94	ng	0.00

Target Compounds

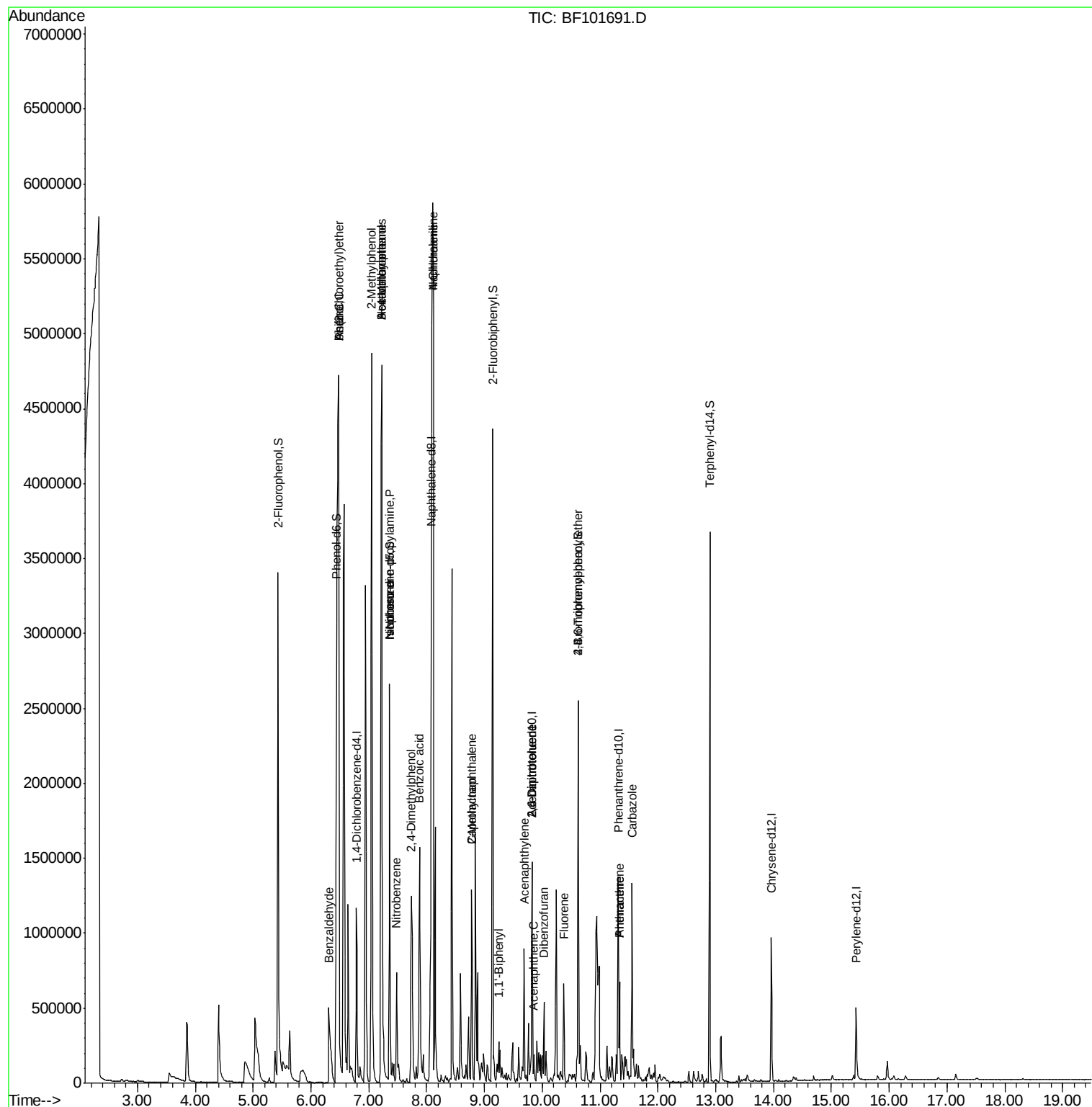
						Qvalue
6) Aniline	6.49	93	83443	4.551	ng	# 1
9) Benzaldehyde	6.31	77	39189	4.022	ng	# 1
10) Phenol	6.49	94	3489712	232.054	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	83443	7.074	ng	# 1
17) 2-Methylphenol	7.06	107	623963	60.824	ng	100
18) Hexachloroethane	7.22	117	72041	16.121	ng	# 3
19) n-Nitroso-di-n-propylamine	7.36	70	139526	16.102	ng	# 83
20) 3+4-Methylphenols	7.22	107	1905944	175.327	ng	88
22) Acetophenone	7.22	105	28493	2.286	ng	# 1
24) Nitrobenzene	7.48	77	99124	9.125	ng	# 51
25) Isophorone	7.36	82	1027740	52.199	ng	# 64
27) 2,4-Dimethylphenol	7.74	122	418942	52.843	ng	98
31) Naphthalene	8.10	128	5947977	216.251	ng	98
32) Benzoic acid	7.88	122	426549	74.567	ng	# 14
33) 4-Chloroaniline	8.11	127	838495	70.140	ng	# 36
35) Caprolactam	8.78	113	7025	2.583	ng	# 1
37) 2-Methylnaphthalene	8.78	142	335576	18.726	ng	98
45) 1,1'-Biphenyl	9.25	154	78636	3.330	ng	97
48) Acenaphthylene	9.69	152	307512	10.776	ng	99
50) 2,6-Dinitrotoluene	9.82	165	39252	9.017	ng	# 27
51) Acenaphthene	9.86	154	41446	2.417	ng	98
54) Dibenzofuran	10.03	168	208185	9.555	ng	99
56) 2,4-Dinitrotoluene	9.82	165	39252	8.004	ng	# 24
57) Fluorene	10.37	166	166840	9.051	ng	96
66) 4-Bromophenyl-phenylether	10.62	248	20822	4.002	ng	# 1
70) Phenanthrene	11.34	178	236924	9.201	ng	99
71) Anthracene	11.34	178	236924	9.008	ng	100
72) Carbazole	11.55	167	488094	19.821	ng	99

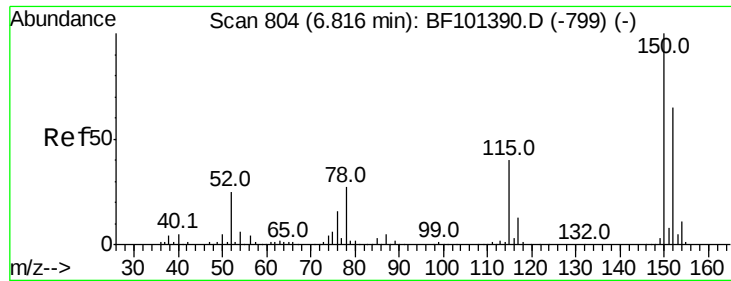
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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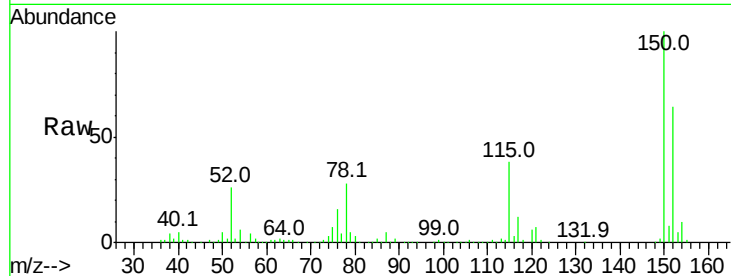


#1

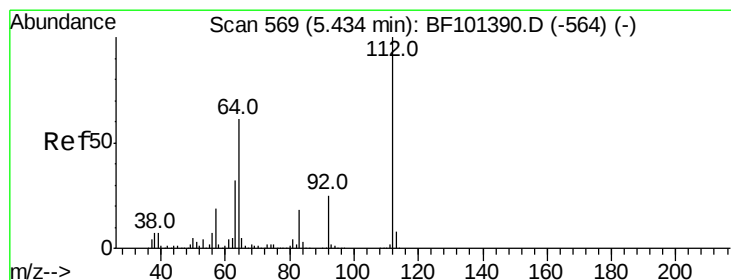
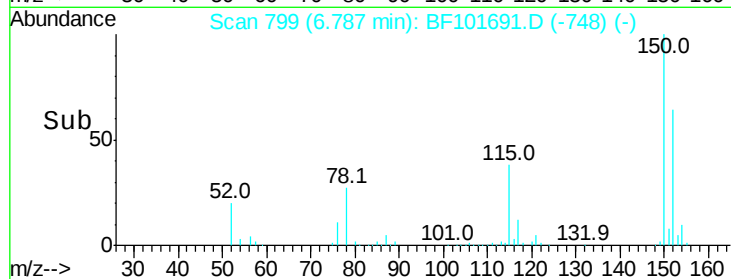
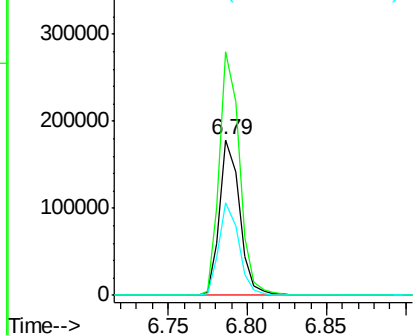
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101691.D
Acq: 23 Dec 2017 9:29

Instrument :
BNA_F
ClientSampleId :
WC-7317-01

Tot Ion:152 Resp: 157921
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 59.5 50.1 75.1



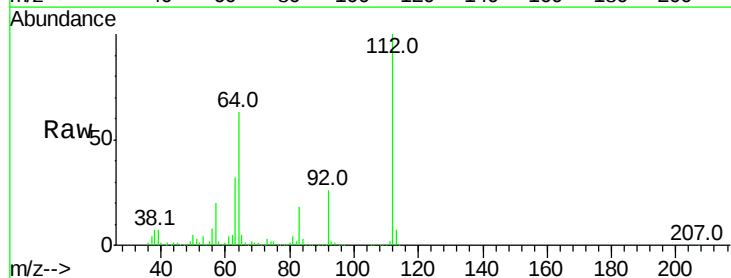
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



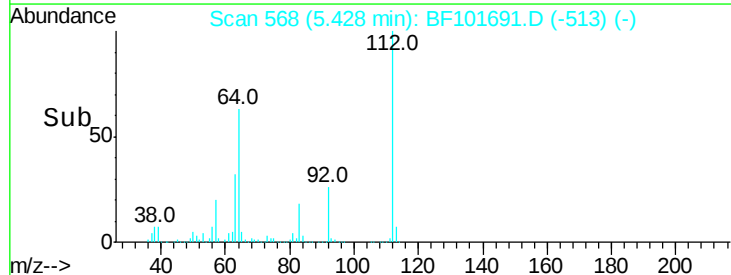
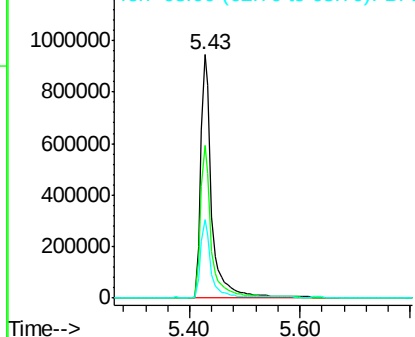
#5

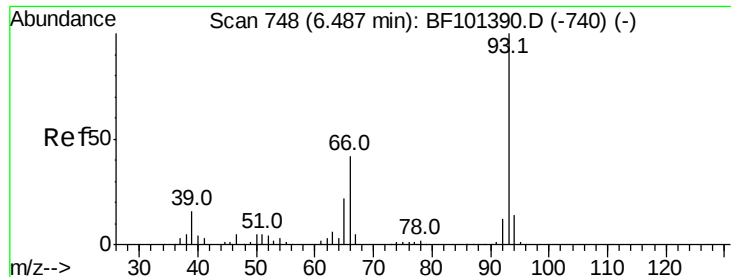
2-Fluorophenol
Concen: 125.142 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF101691.D
Acq: 23 Dec 2017 9:29

Tgt Ion:112 Resp: 1326724
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 32.3 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: 4.551 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.03 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

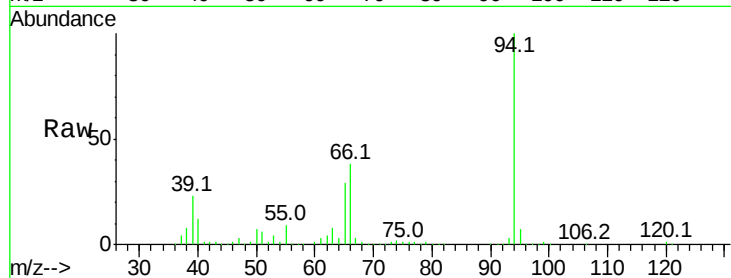
Tot Ion: 93 Resp: 83443

Ion Ratio Lower Upper

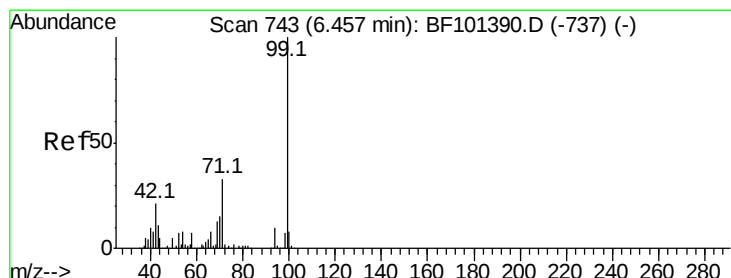
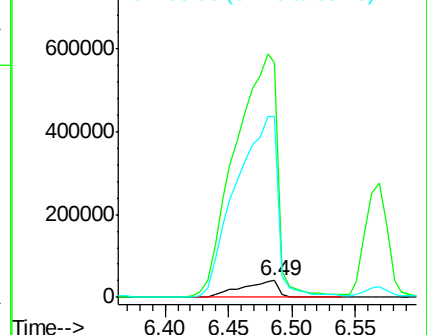
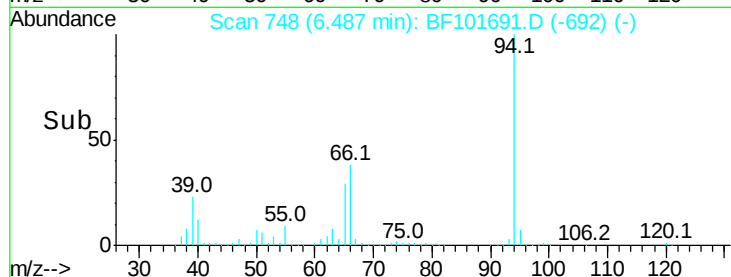
93 100

66 1423.5 32.2 48.2#

65 1096.7 16.4 24.6#



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



#7

Phenol-d6

Concen: 100.212 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

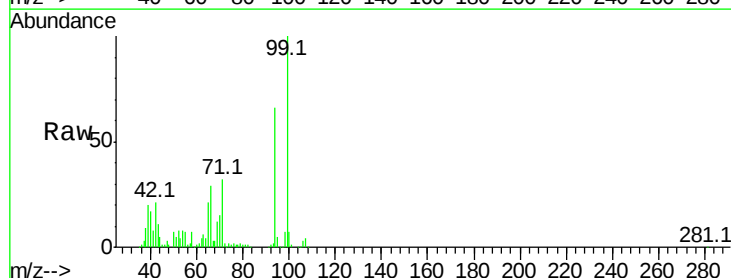
Tgt Ion: 99 Resp: 1322218

Ion Ratio Lower Upper

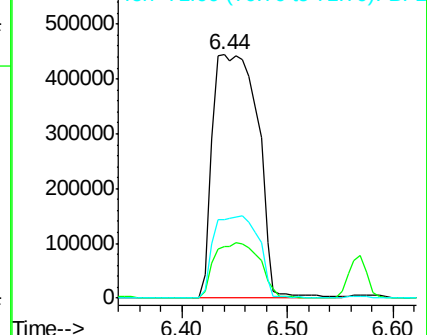
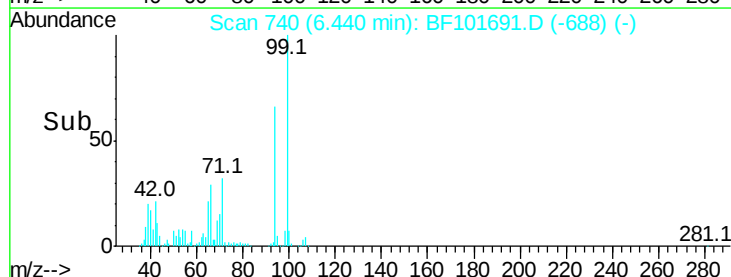
99 100

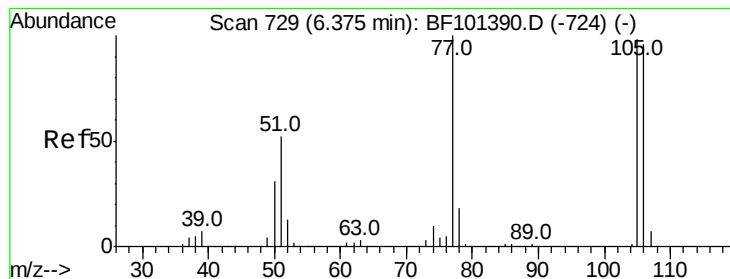
42 21.1 14.5 21.7

71 32.1 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





#9

Benzaldehyde

Concen: 4.022 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

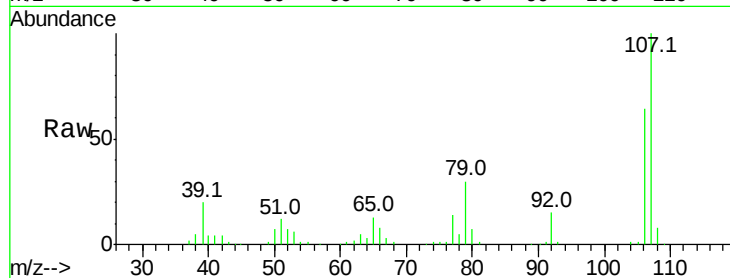
Tot Ion: 77 Resp: 39189

Ion Ratio Lower Upper

77 100

105 8.7 81.1 121.1#

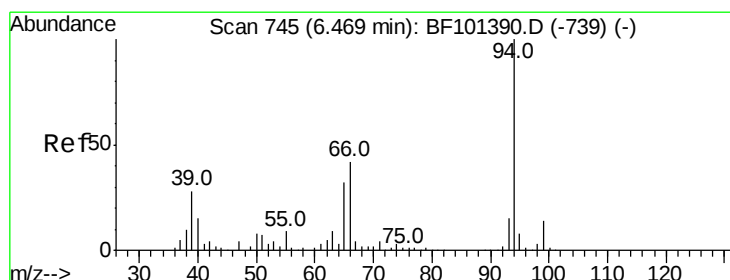
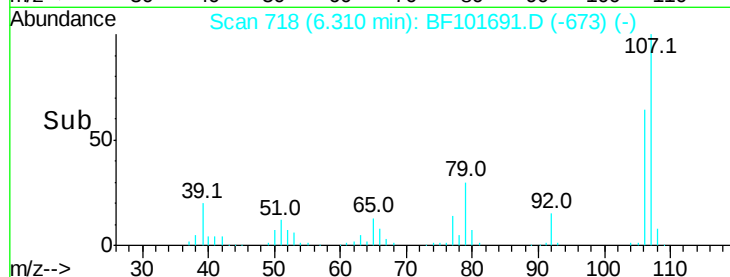
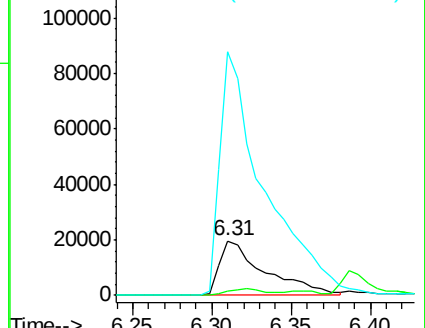
106 447.8 74.5 114.5#



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: 232.054 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.04 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

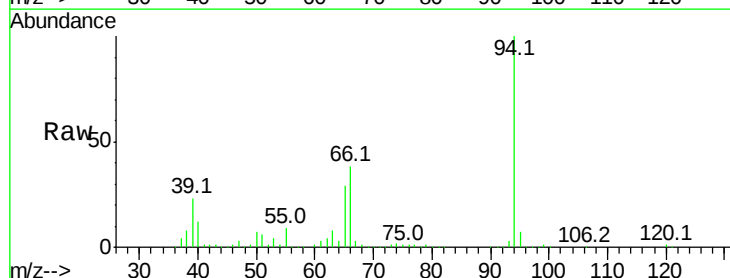
Tgt Ion: 94 Resp: 3489712

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

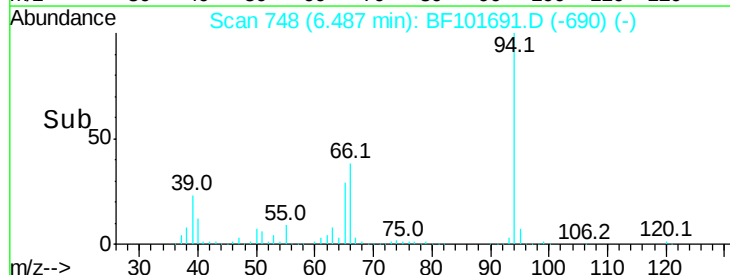
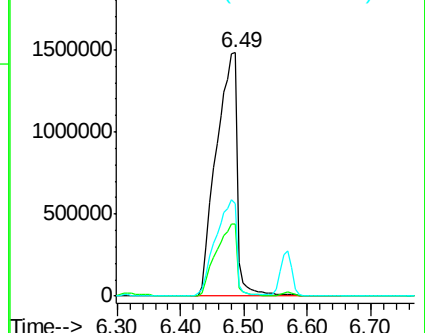
66 38.1 16.2 56.2

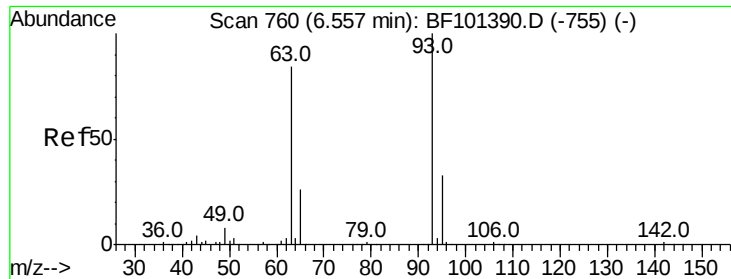


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 7.074 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.04 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

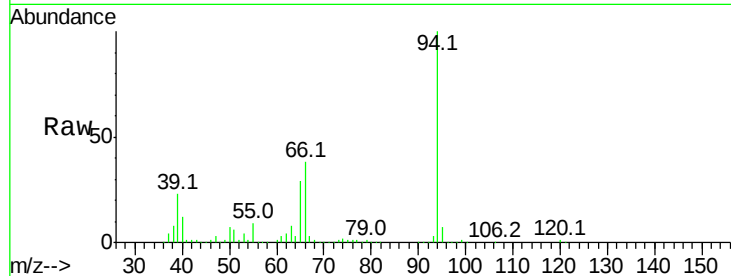
Tot Ion: 93 Resp: 83443

Ion Ratio Lower Upper

93 100

63 298.7 58.6 98.6#

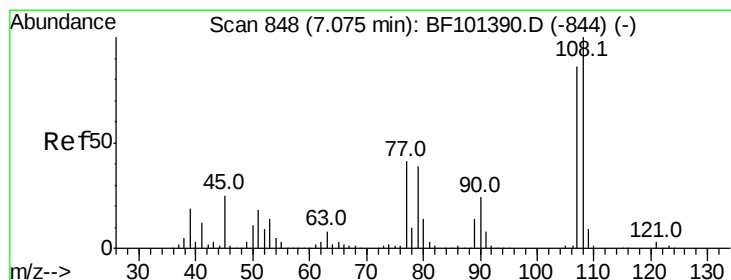
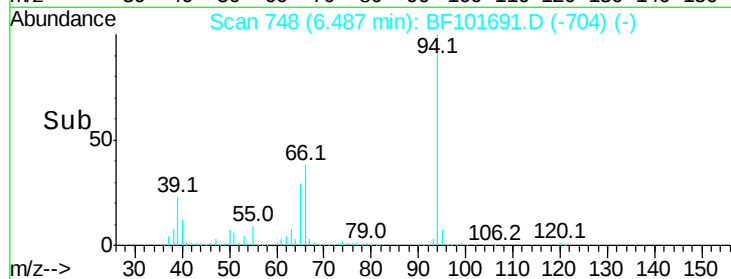
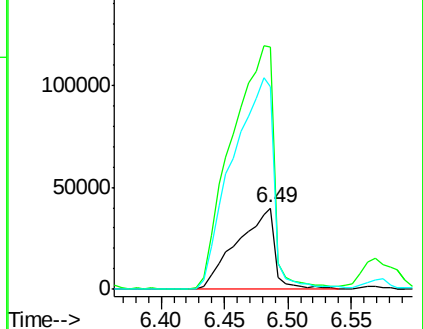
95 249.9 11.8 51.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#17

2-Methylphenol

Concen: 60.824 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Tgt Ion:107 Resp: 623963

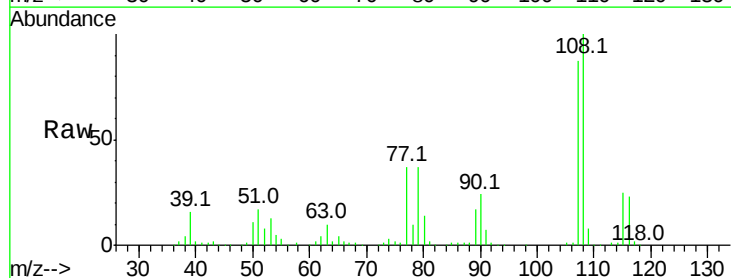
Ion Ratio Lower Upper

107 100

108 115.0 91.7 137.5

77 42.3 33.8 50.8

79 42.0 33.8 50.8

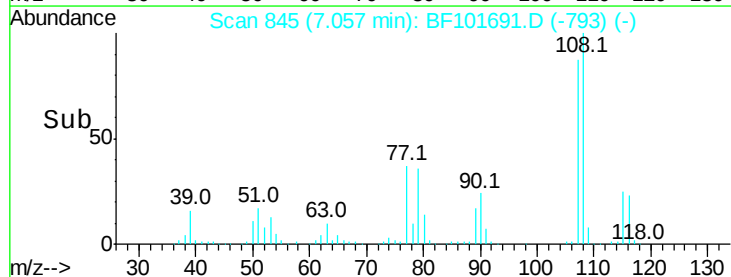
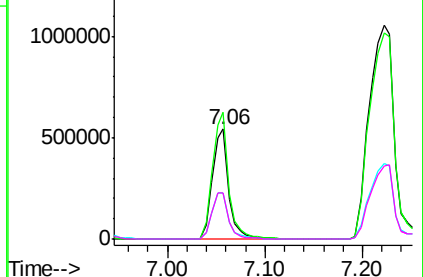


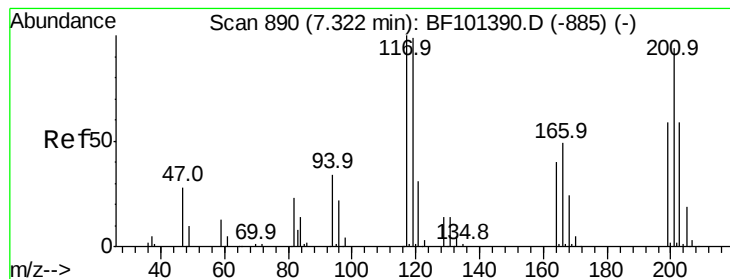
Abundance Ion 107.00 (106.70 to 107.70): E

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: 16.121 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.07 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

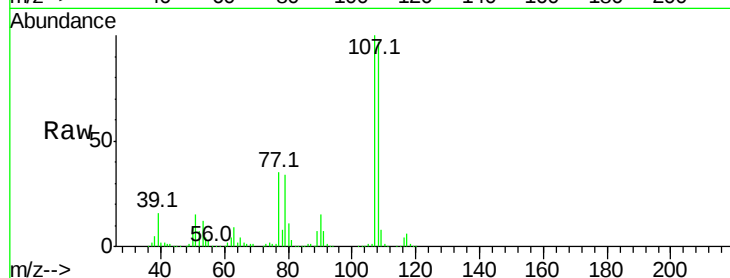
Tot Ion:117 Resp: 72041

Ion Ratio Lower Upper

117 100

119 0.6 75.8 113.8#

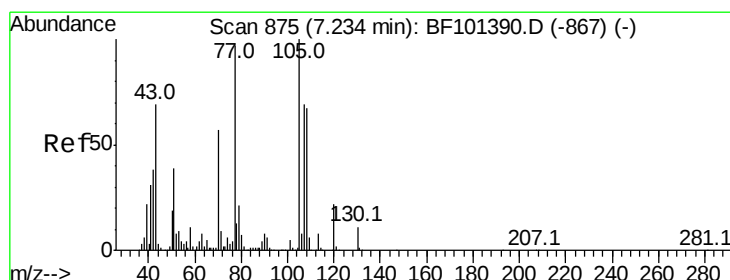
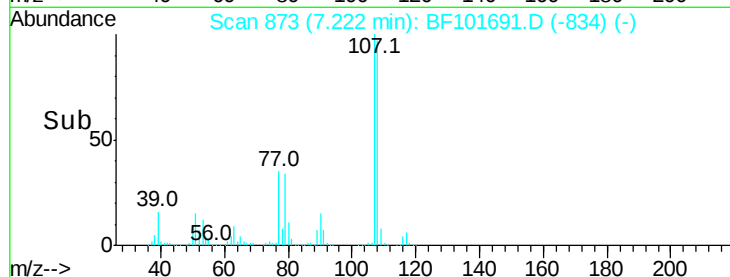
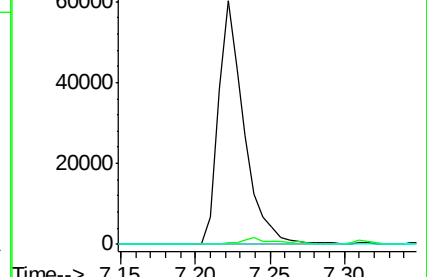
201 0.0 75.7 113.5#



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: 16.102 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.16 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Tgt Ion: 70 Resp: 139526

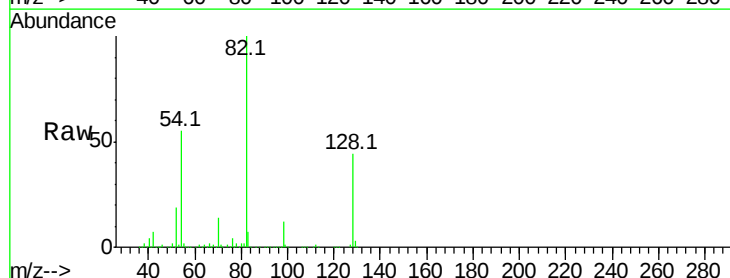
Ion Ratio Lower Upper

70 100

42 54.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

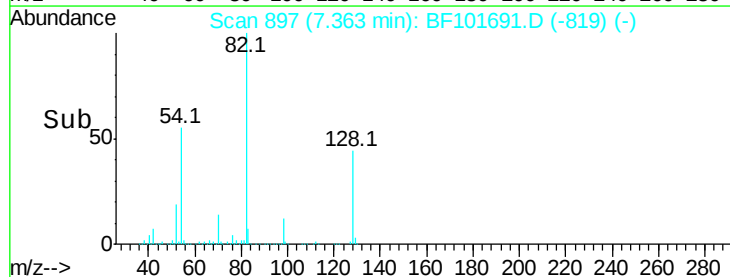
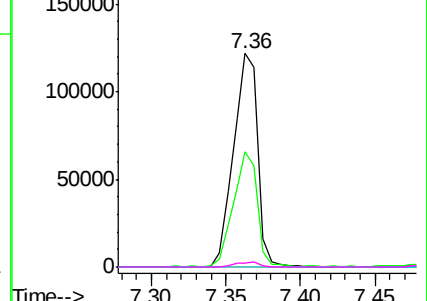


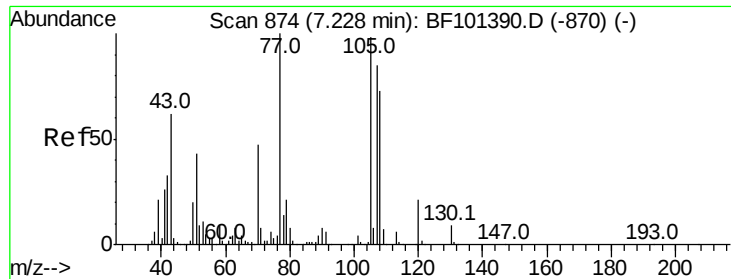
Abundance Ion 70.00 (69.70 to 70.70): BF1

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





#20

3+4-Methylphenols

Concen: 175.327 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

Tot Ion:107 Resp: 1905944

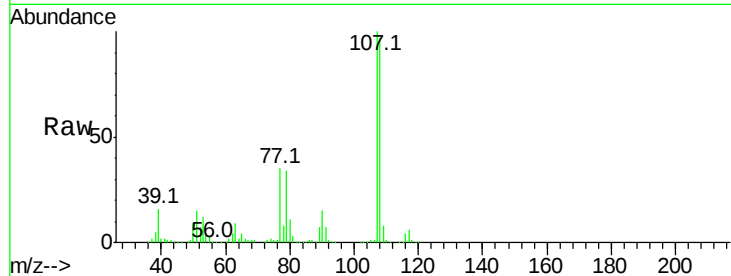
Ion Ratio Lower Upper

107 100

108 96.6 68.2 108.2

77 35.4 26.7 66.7

79 33.9 6.3 46.3

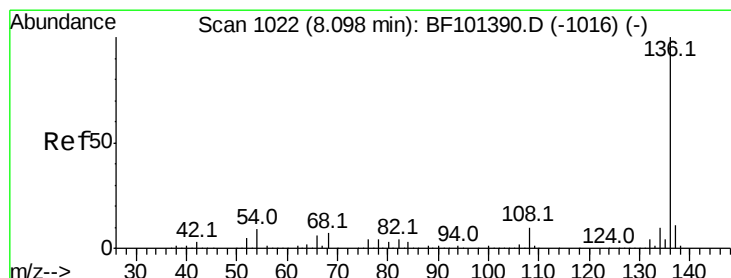
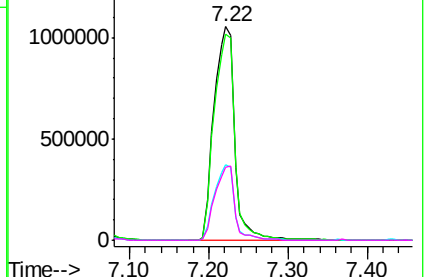
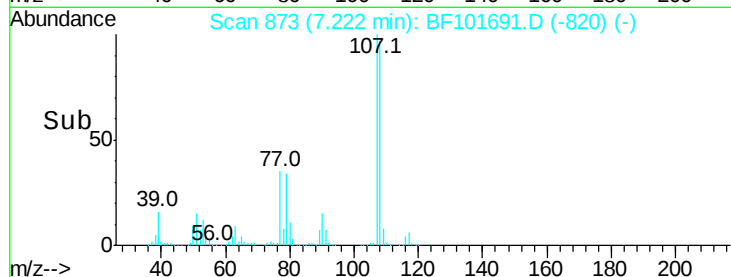


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Tgt Ion:136 Resp: 546344

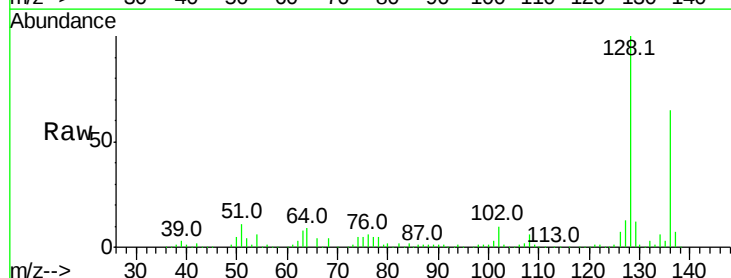
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.4 5.0 7.4

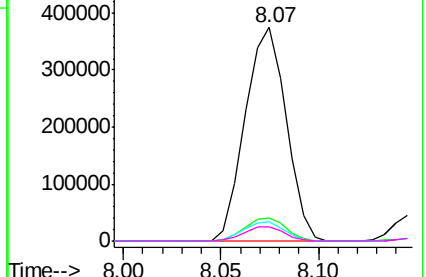
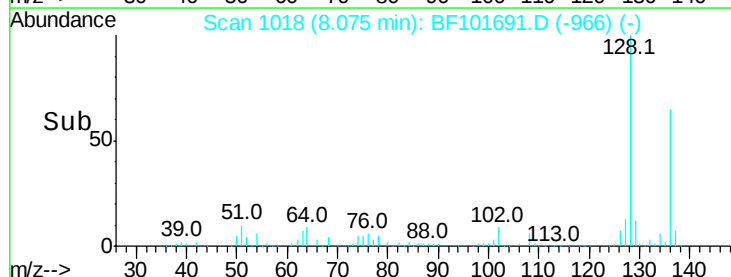


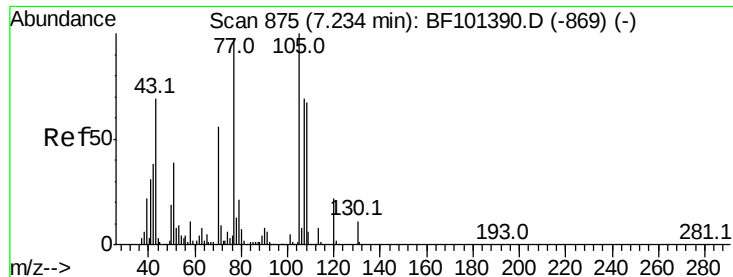
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 2.286 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.02 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

Tot Ion:105 Resp: 28493

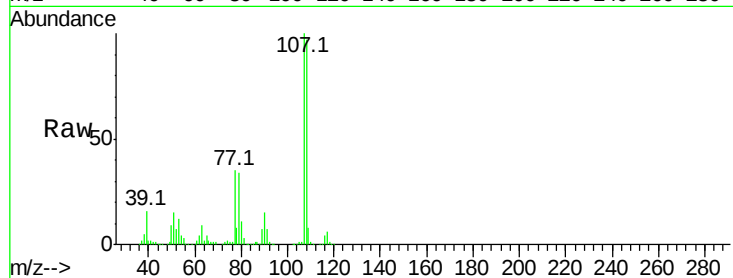
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 994.8 22.3 33.5#

120 7.2 16.9 25.3#

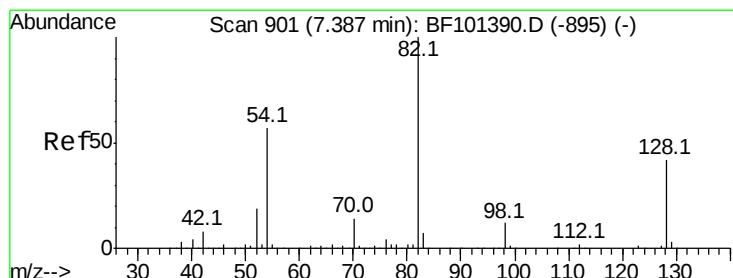
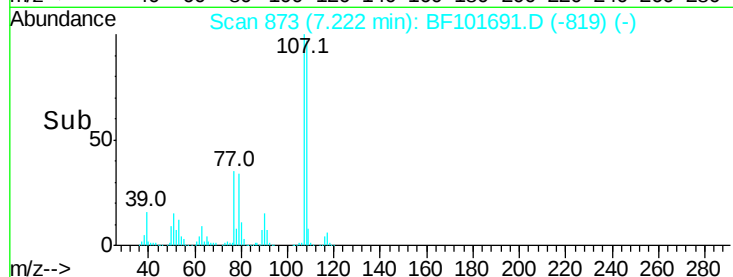
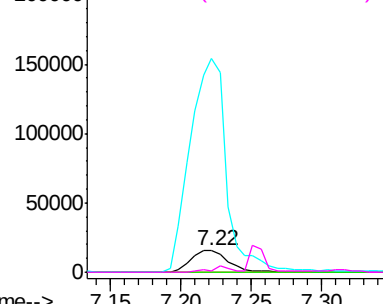


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 104.716 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

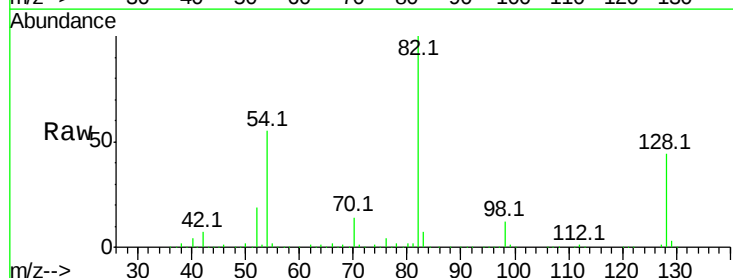
Tgt Ion: 82 Resp: 1027754

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

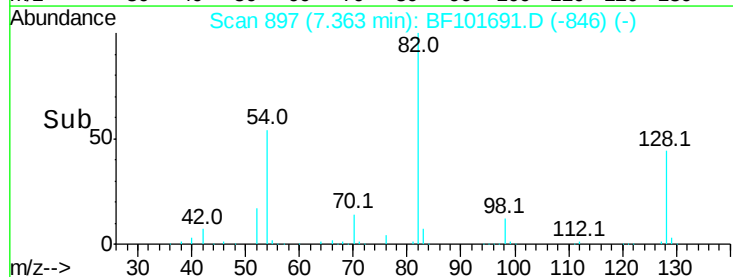
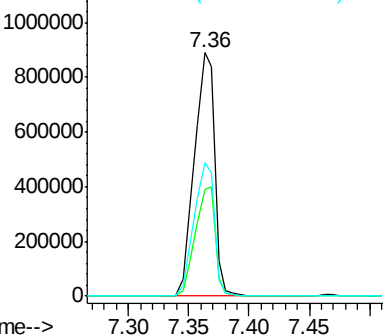
54 54.6 41.4 62.2

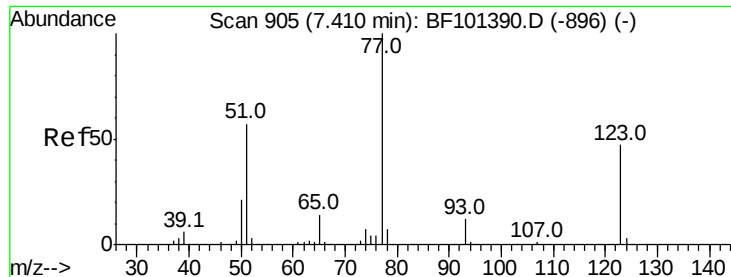


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

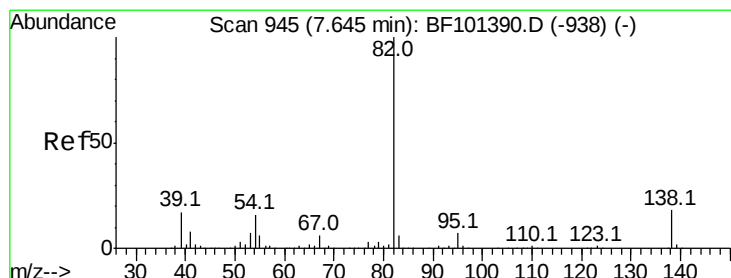
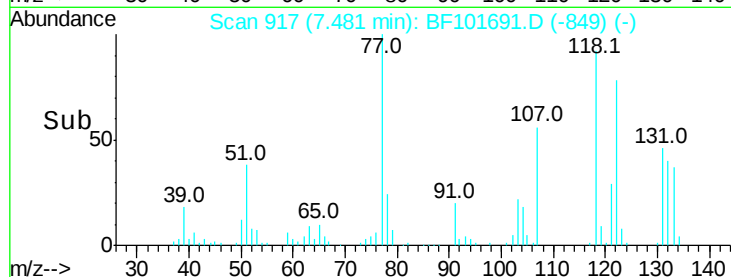
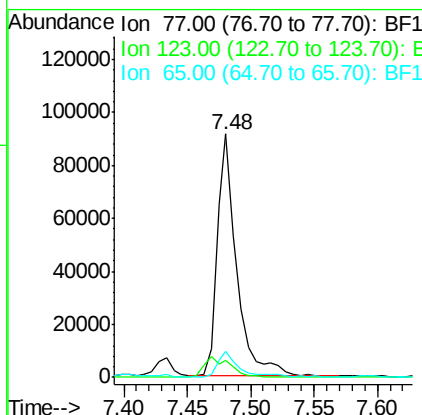
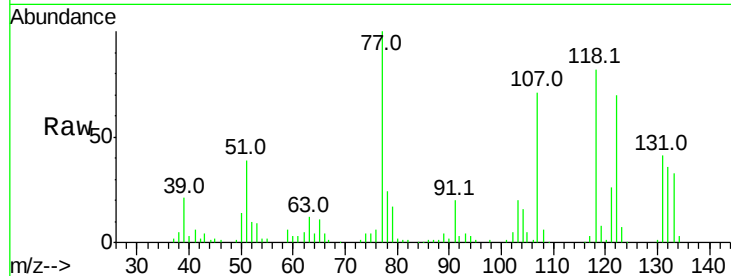




#24
 Nitrobenzene
 Concen: 9.125 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.10 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

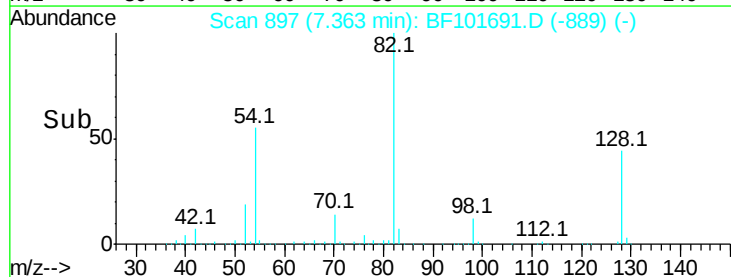
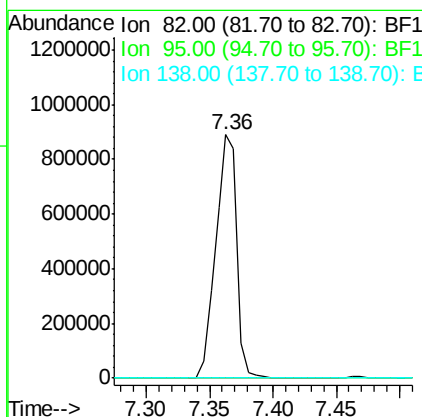
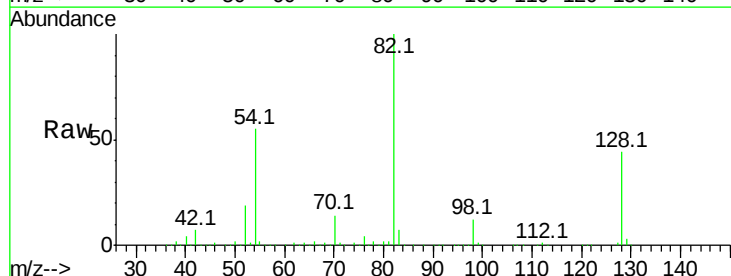
Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01

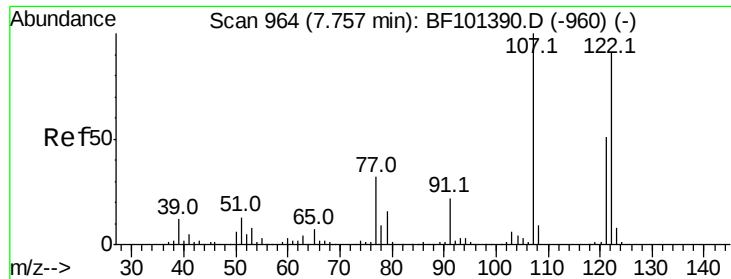
Tot Ion: 77 Resp: 99124
 Ion Ratio Lower Upper
 77 100
 123 6.8 37.9 56.9#
 65 10.5 11.0 16.4#



#25
 Isophorone
 Concen: 52.199 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

Tgt Ion: 82 Resp: 1027740
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#27

2,4-Dimethylphenol

Concen: 52.843 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

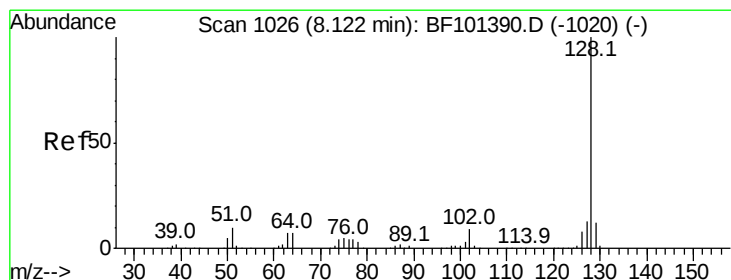
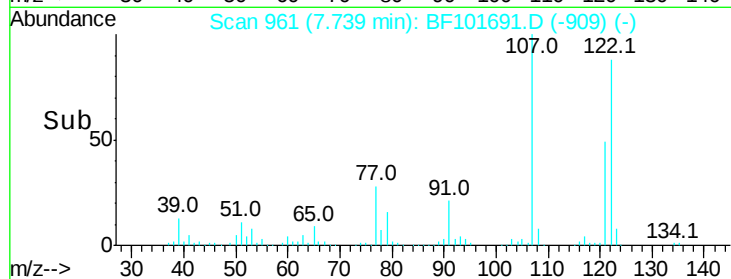
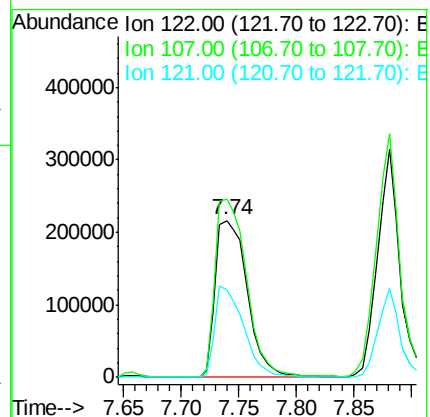
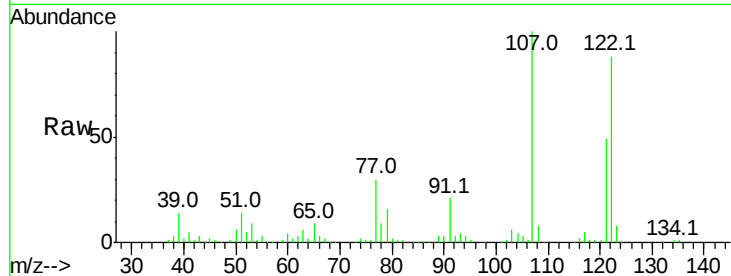
Tot Ion:122 Resp: 418942

Ion Ratio Lower Upper

122 100

107 113.6 91.2 136.8

121 55.5 47.2 70.8



#31

Naphthalene

Concen: 216.251 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

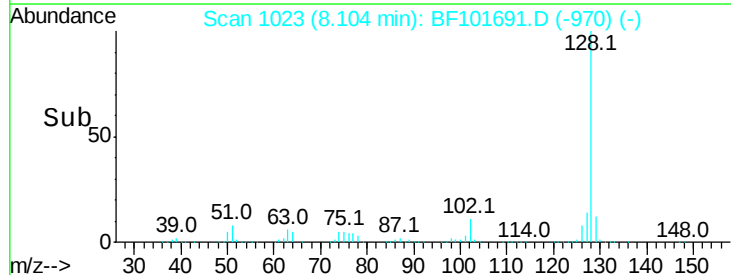
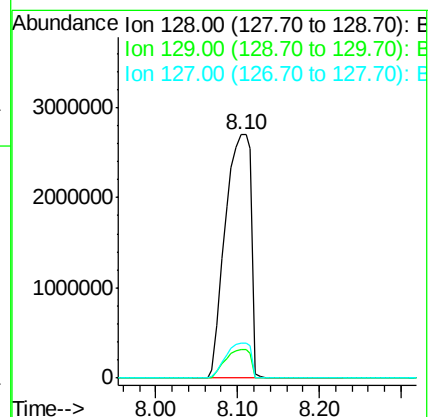
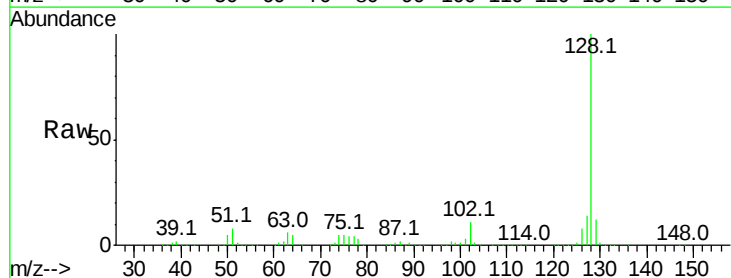
Tgt Ion:128 Resp: 5947977

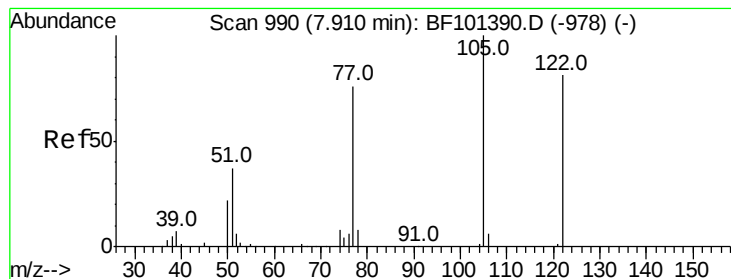
Ion Ratio Lower Upper

128 100

129 12.0 8.8 13.2

127 14.4 10.9 16.3





#32

Benzoic acid

Concen: 74.567 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

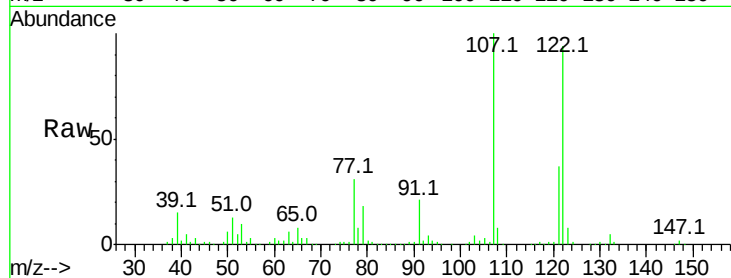
Tot Ion:122 Resp: 426549

Ion Ratio Lower Upper

122 100

105 3.7 101.1 141.1#

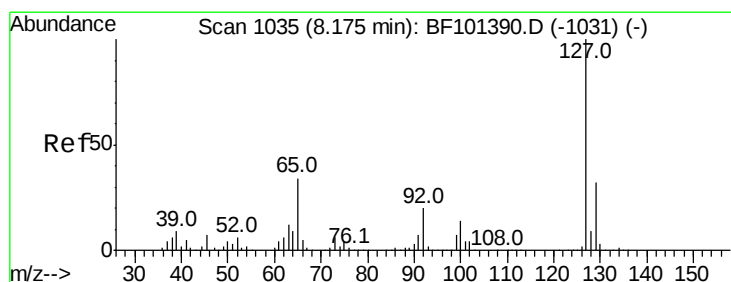
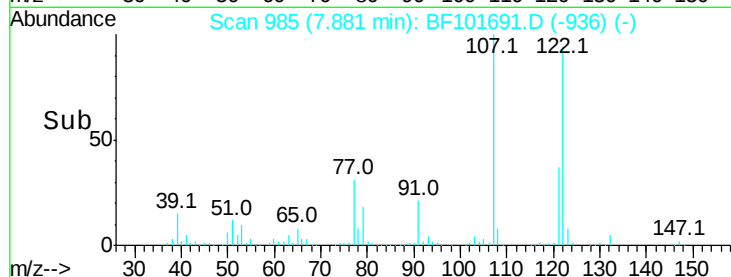
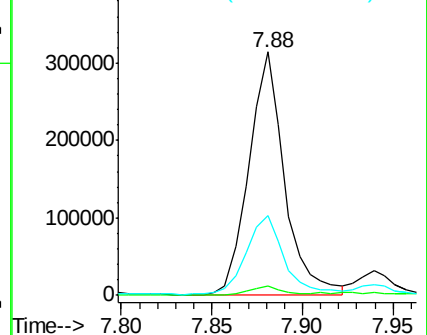
77 32.8 70.7 110.7#



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: 70.140 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.04 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Tgt Ion:127 Resp: 838495

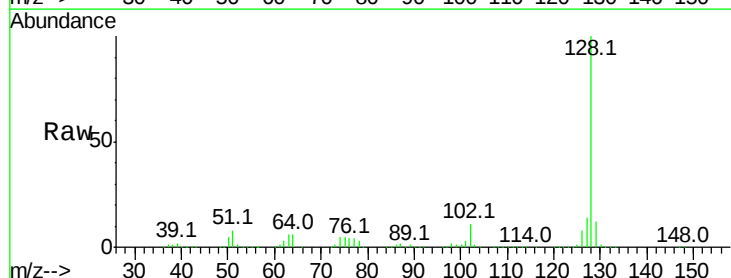
Ion Ratio Lower Upper

127 100

129 80.1 25.9 38.9#

65 0.0 25.0 37.4#

92 0.2 15.2 22.8#

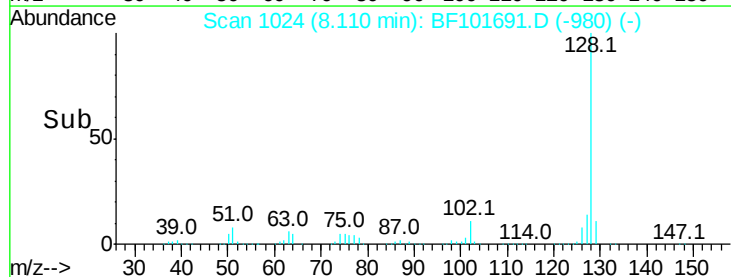
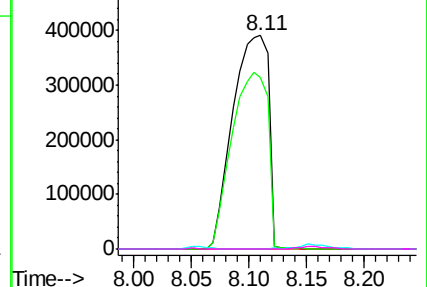


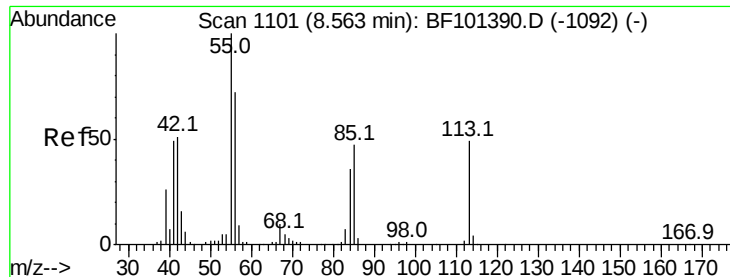
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 2.583 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.25 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

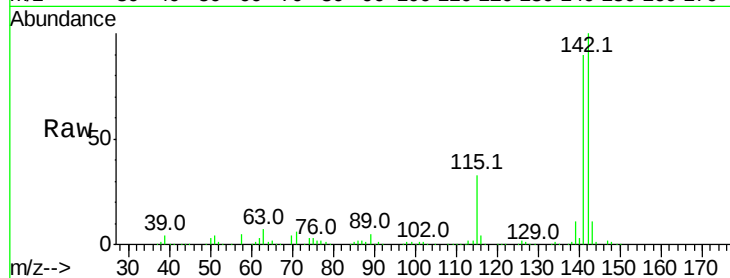
Tot Ion:113 Resp: 7025

Ion Ratio Lower Upper

113 100

55 15.5 163.3 203.3#

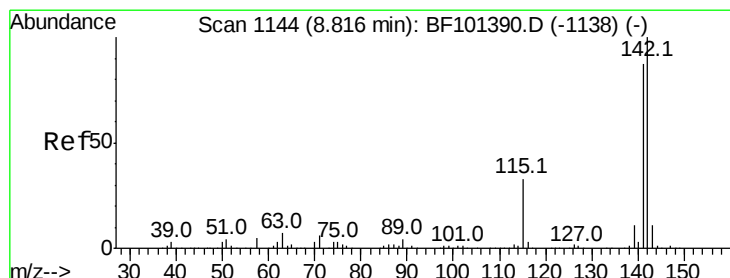
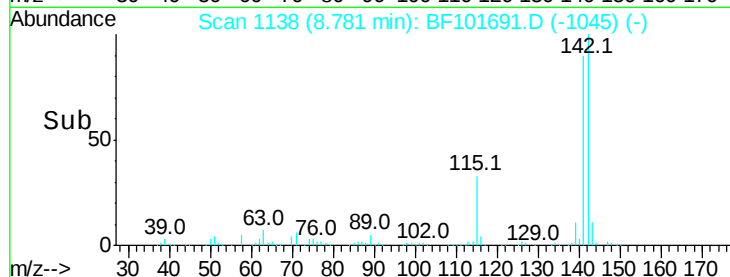
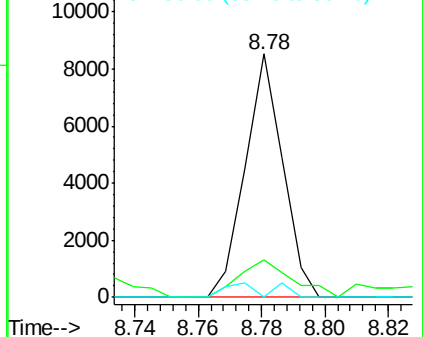
56 0.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 18.726 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

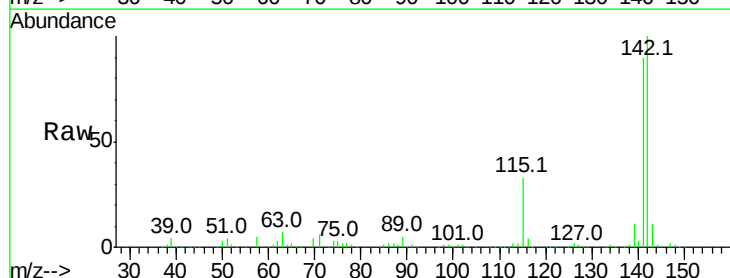
Tgt Ion:142 Resp: 335576

Ion Ratio Lower Upper

142 100

141 90.3 70.8 106.2

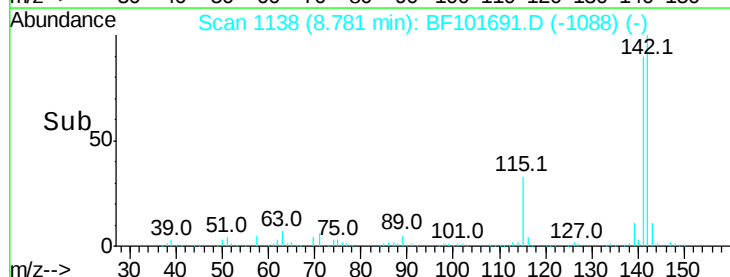
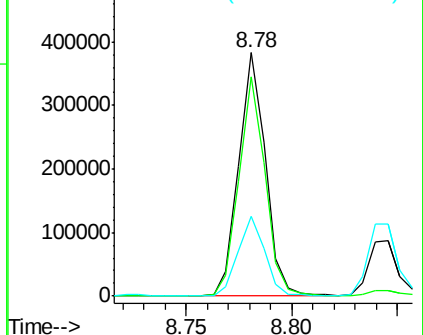
115 33.0 26.1 39.1

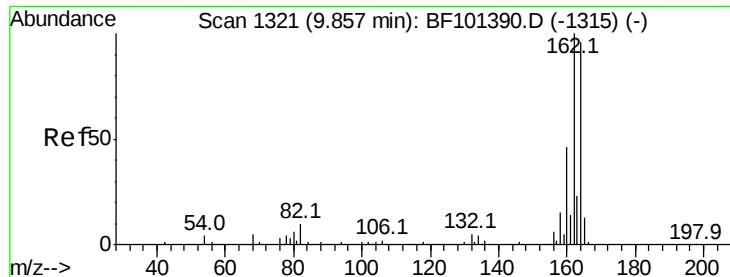


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

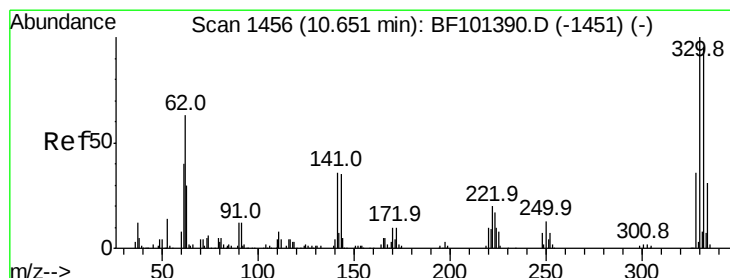
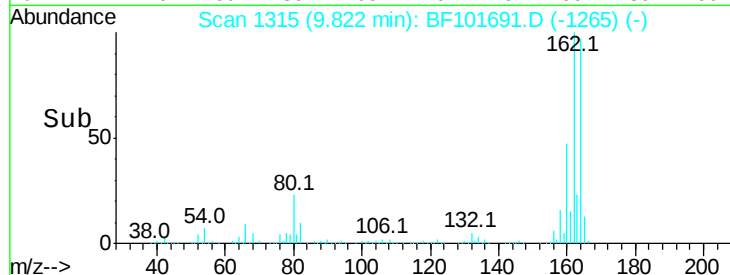
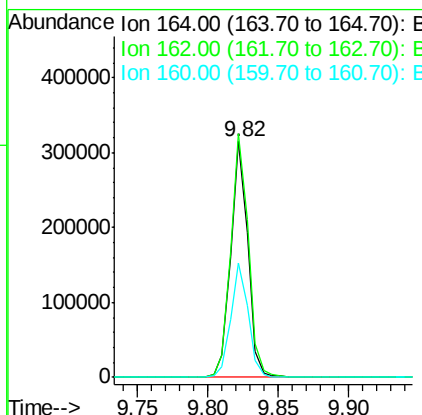
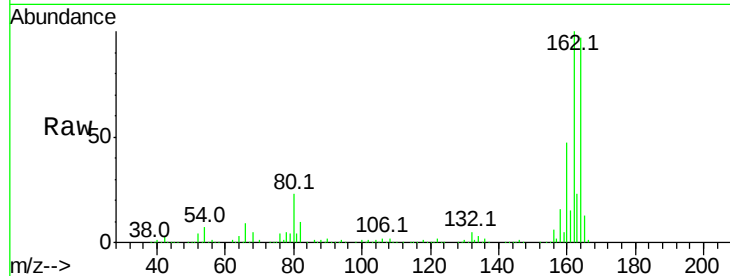




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

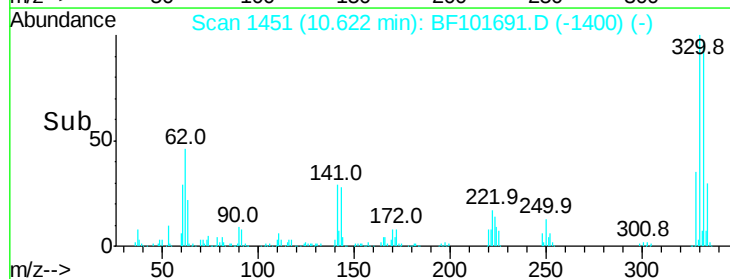
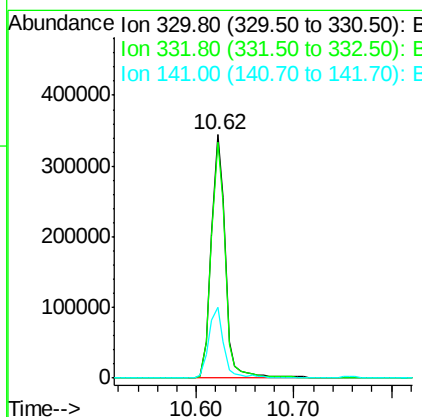
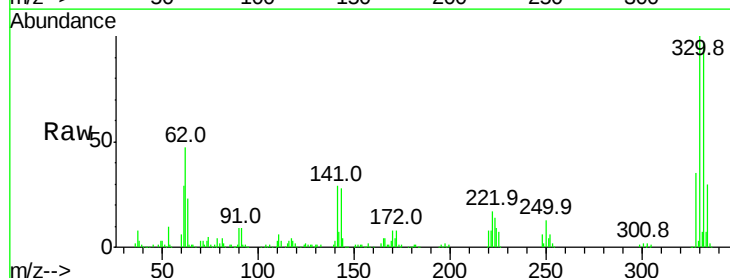
Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01

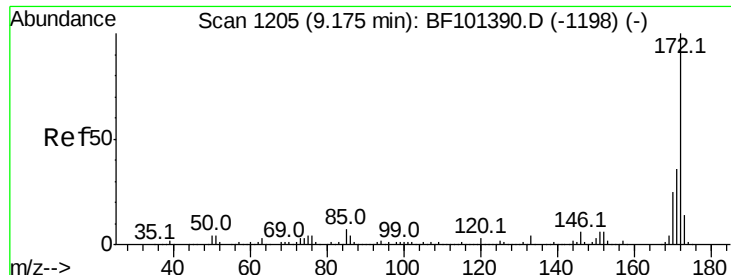
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.1	129.1
160	48.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 134.230 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	31.6	29.9	44.9

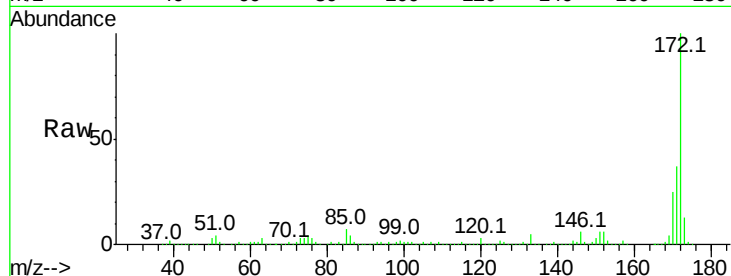




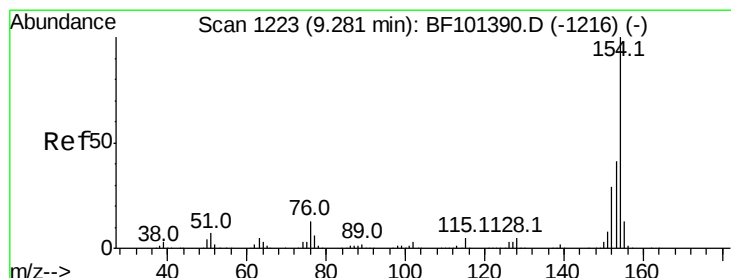
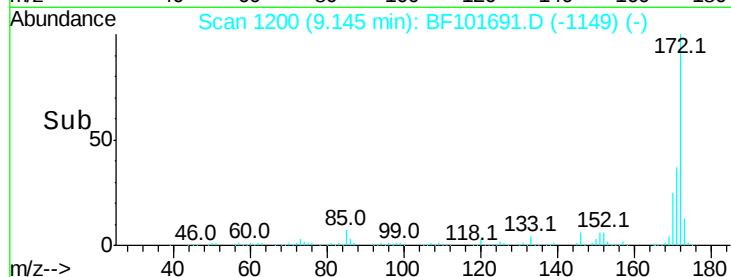
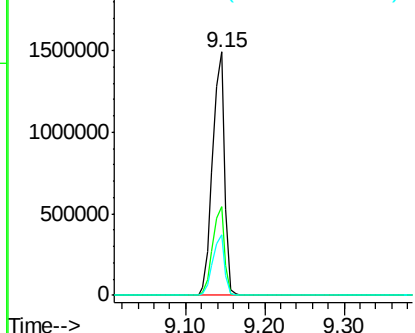
#44
 2-Fluorobiphenyl
 Concen: 91.649 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01

Tot Ion:172 Resp: 1573108
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 25.0 19.6 29.4

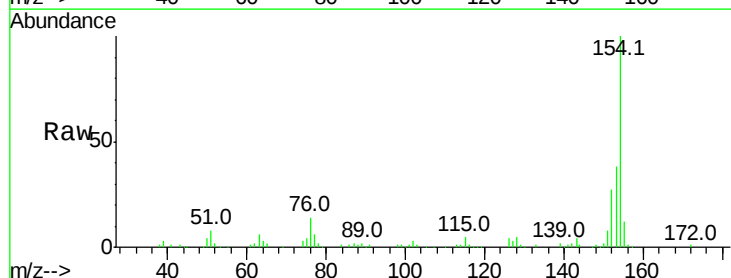


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

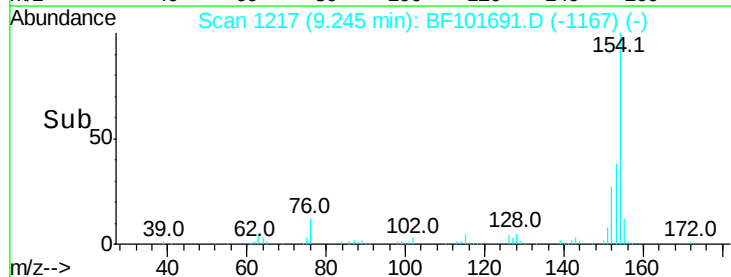
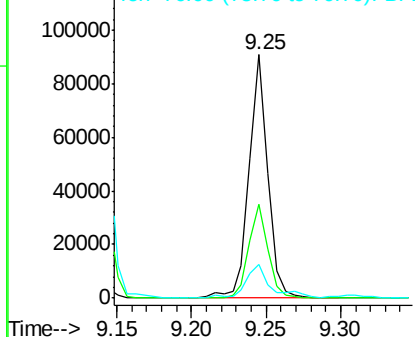


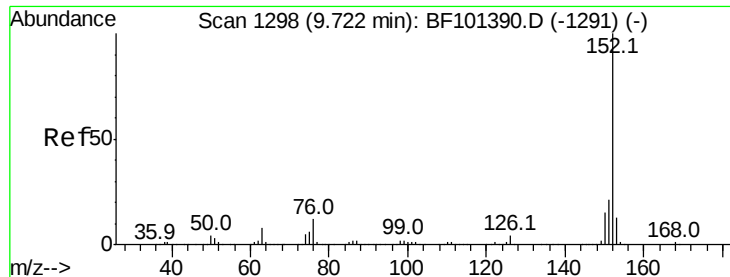
#45
 1,1'-Biphenyl
 Concen: 3.330 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

Tgt Ion:154 Resp: 78636
 Ion Ratio Lower Upper
 154 100
 153 38.4 21.3 61.3
 76 14.0 0.0 34.0



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

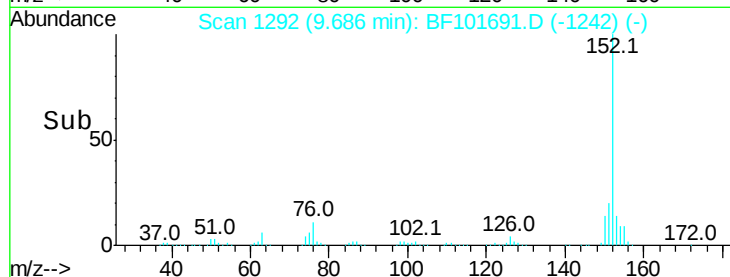
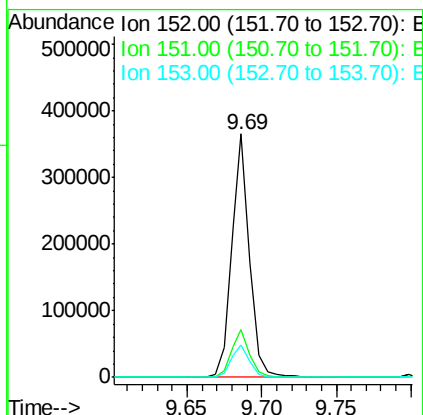
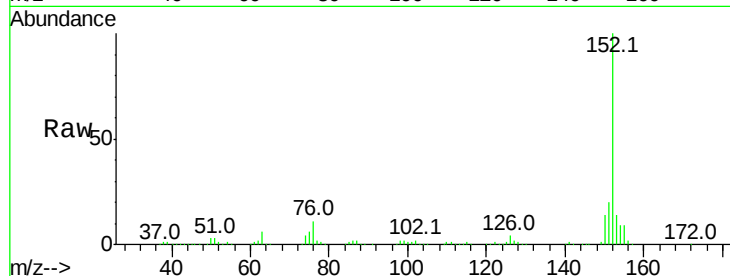




#48
Acenaphthylene
Concen: 10.776 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF101691.D
Acq: 23 Dec 2017 9:29

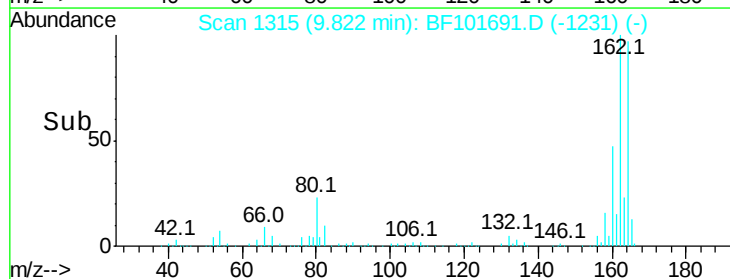
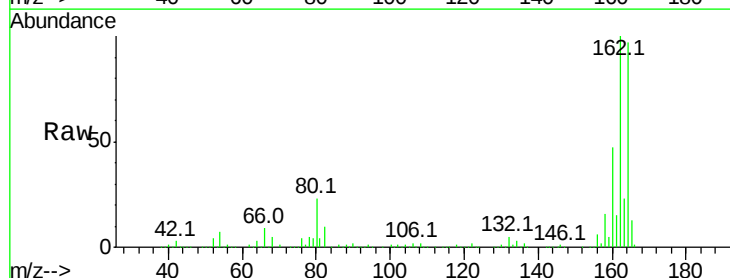
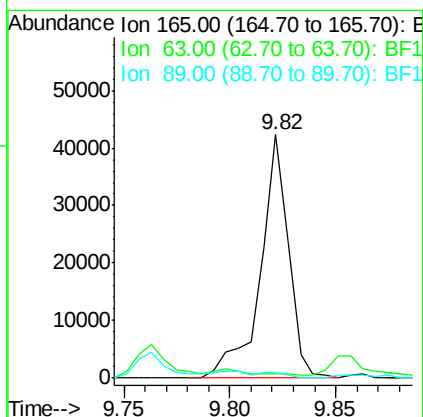
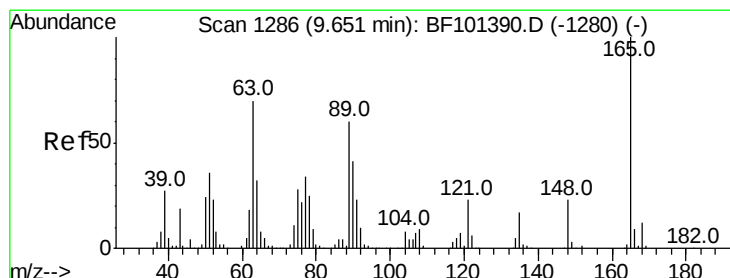
Instrument :
BNA_F
ClientSampleId :
WC-7317-01

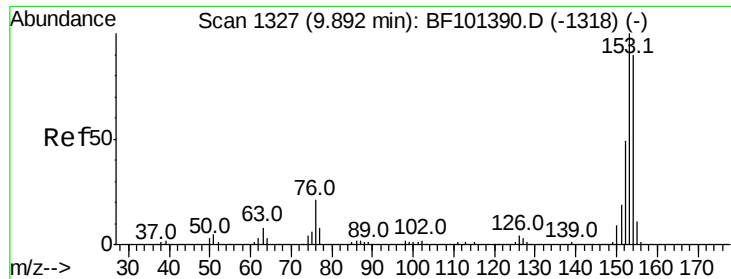
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	13.5	10.7	16.1



#50
2,6-Dinitrotoluene
Concen: 9.017 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101691.D
Acq: 23 Dec 2017 9:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.4	44.0	66.0#





#51

Acenaphthene

Concen: 2.417 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

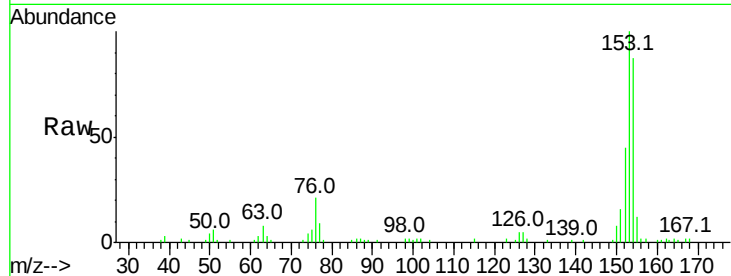
Tot Ion:154 Resp: 41446

Ion Ratio Lower Upper

154 100

153 114.6 91.2 136.8

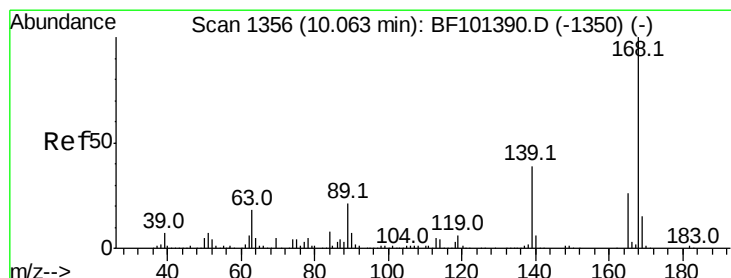
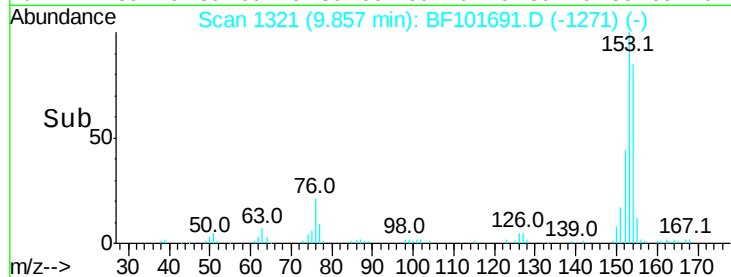
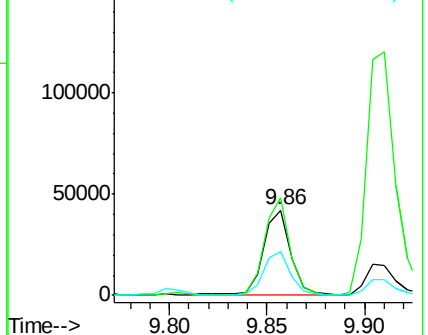
152 51.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 9.555 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

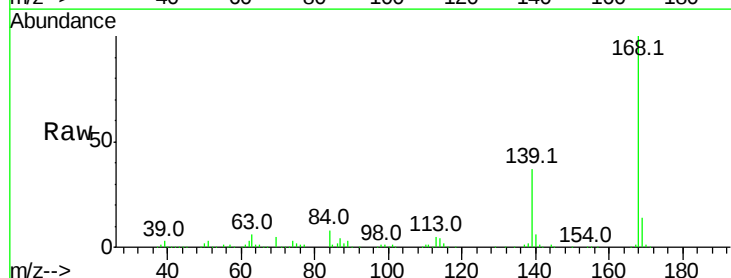
Tgt Ion:168 Resp: 208185

Ion Ratio Lower Upper

168 100

139 37.4 30.1 45.1

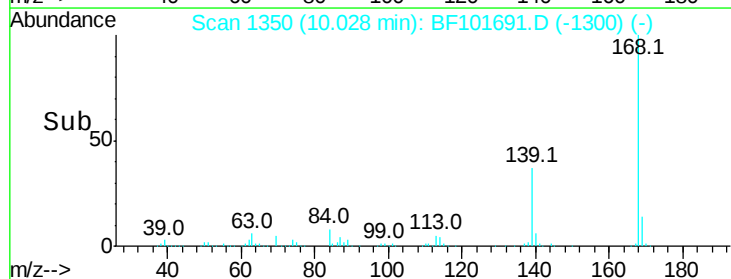
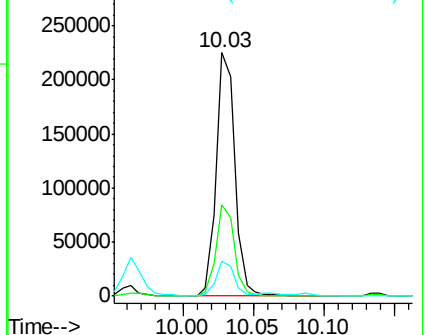
169 14.2 10.9 16.3

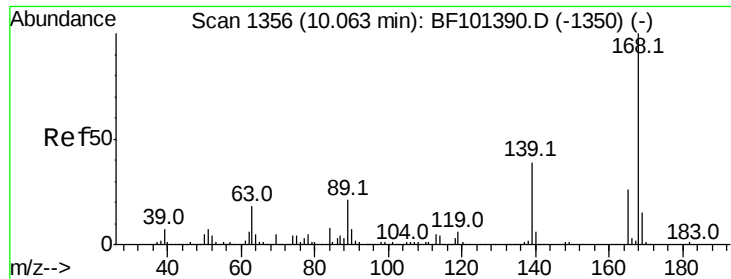


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

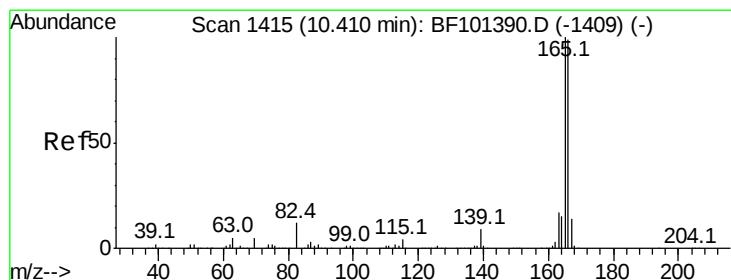
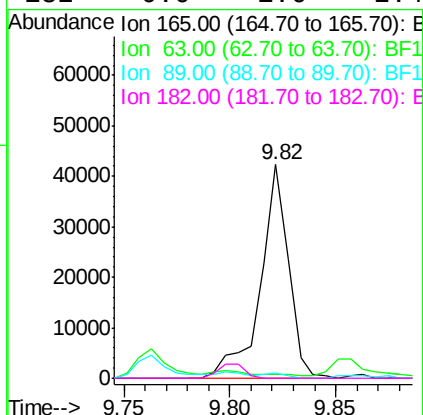
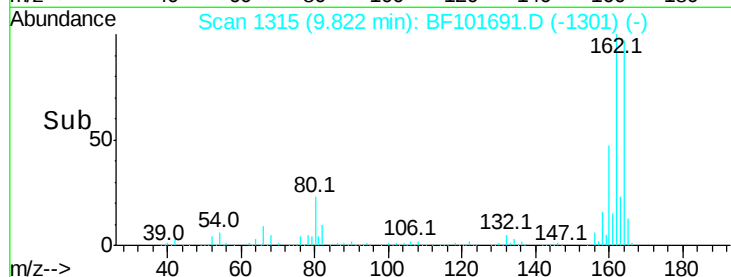
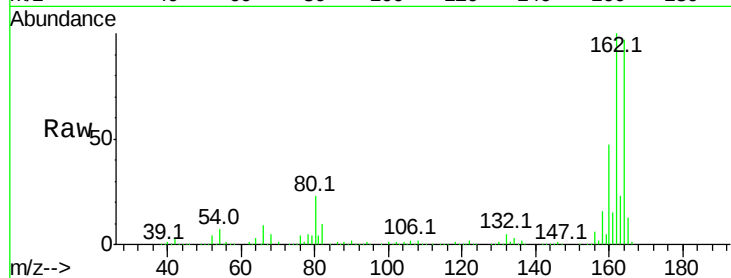




#56
2,4-Dinitrotoluene
Concen: 8.004 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101691.D
Acq: 23 Dec 2017 9:29

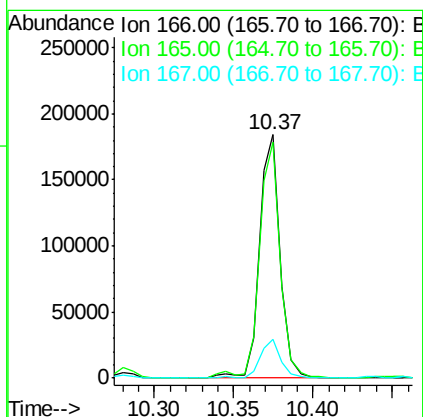
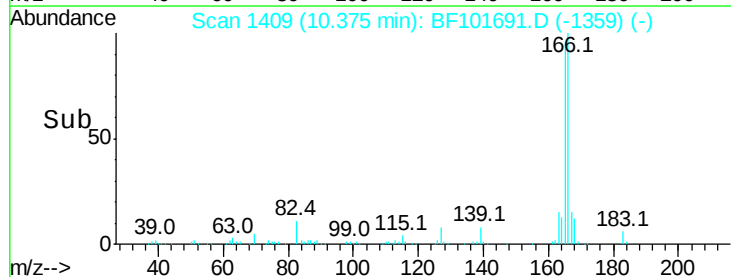
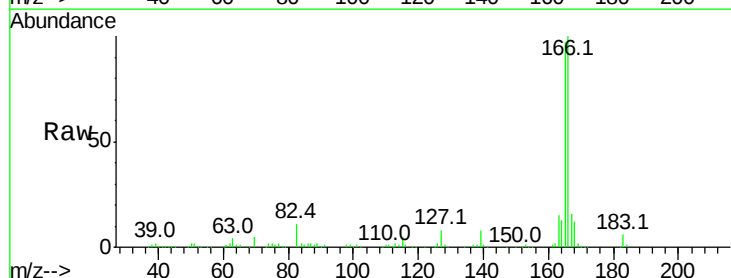
Instrument :
BNA_F
ClientSampleId :
WC-7317-01

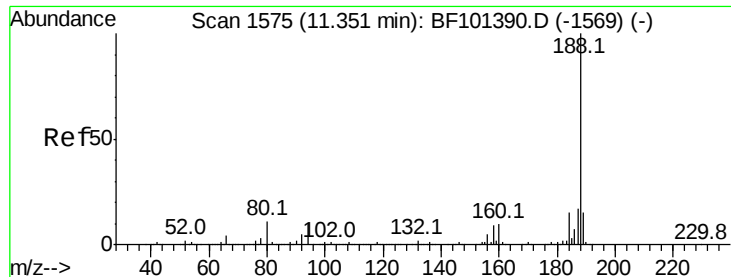
Tot Ion:165 Resp: 39252
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 2.4 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 9.051 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF101691.D
Acq: 23 Dec 2017 9:29

Tgt Ion:166 Resp: 166840
Ion Ratio Lower Upper
166 100
165 96.7 79.8 119.8
167 15.9 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

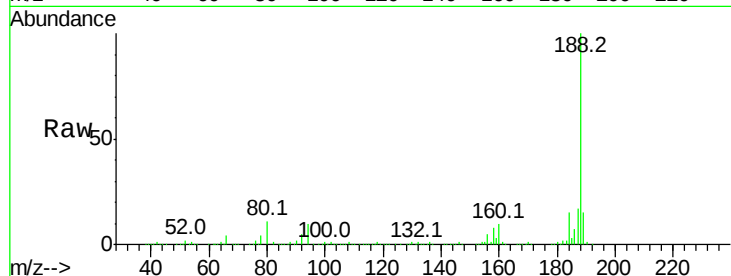
Tot Ion:188 Resp: 463022

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

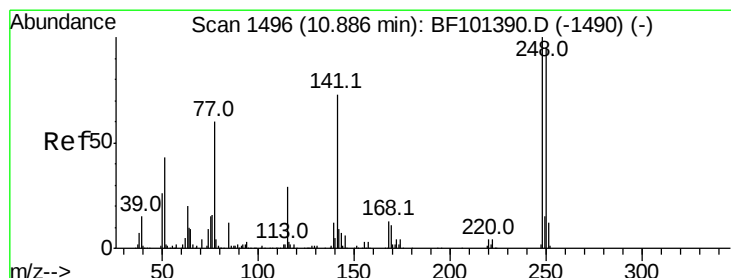
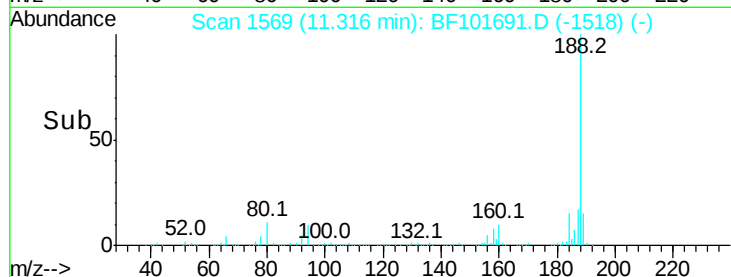
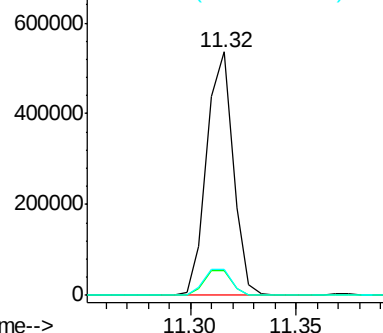
80 10.7 9.2 13.8



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: 4.002 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.24 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

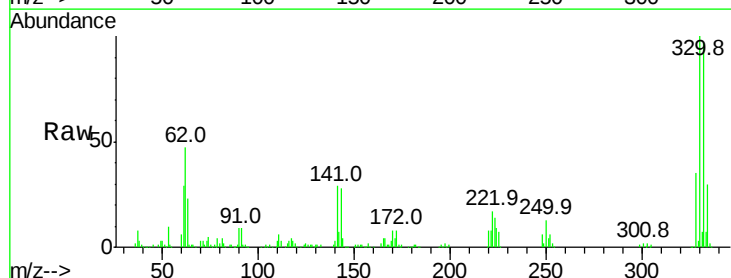
Tgt Ion:248 Resp: 20822

Ion Ratio Lower Upper

248 100

250 207.1 76.9 115.3#

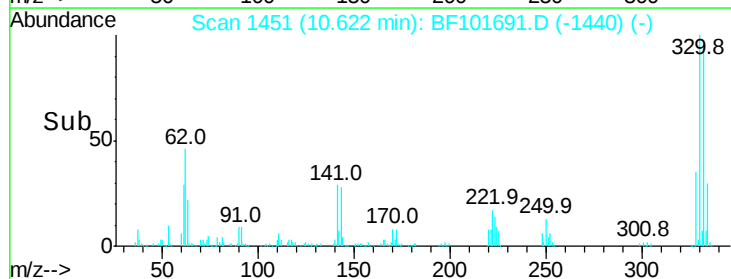
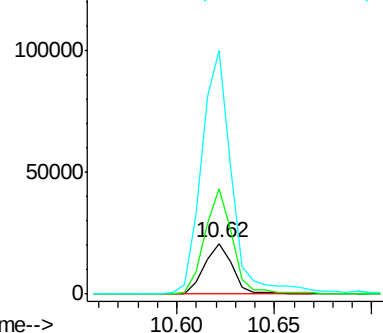
141 479.5 74.4 111.6#

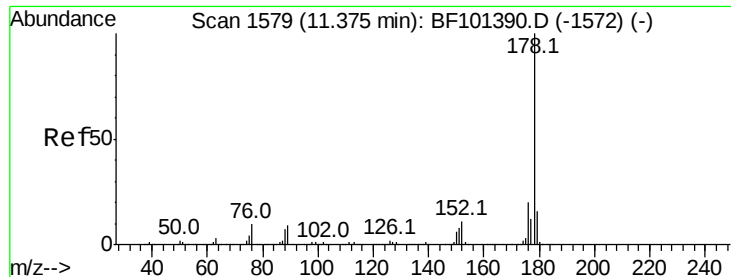


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

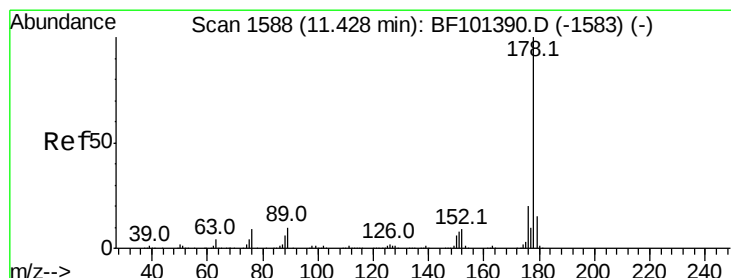
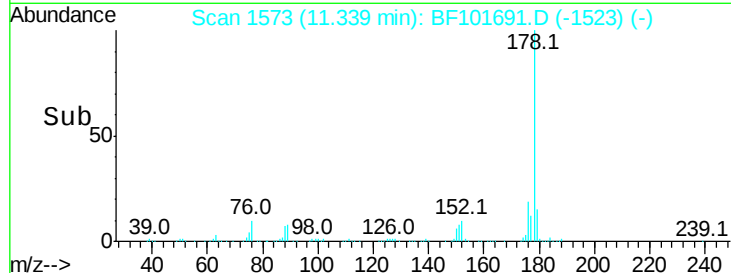
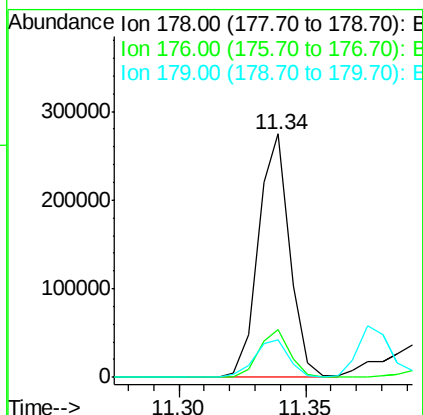
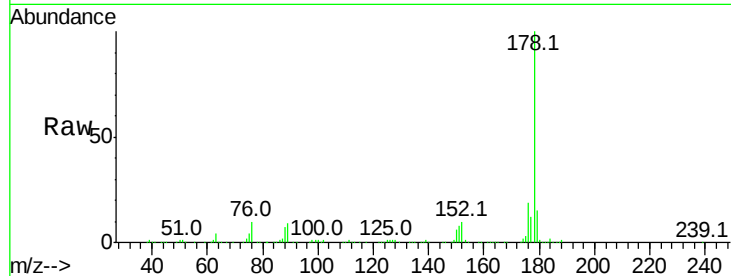




#70
 Phenanthrene
 Concen: 9.201 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

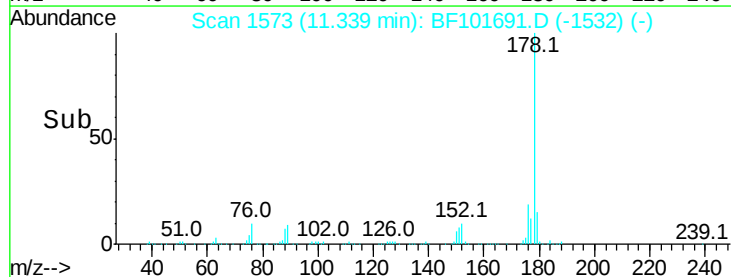
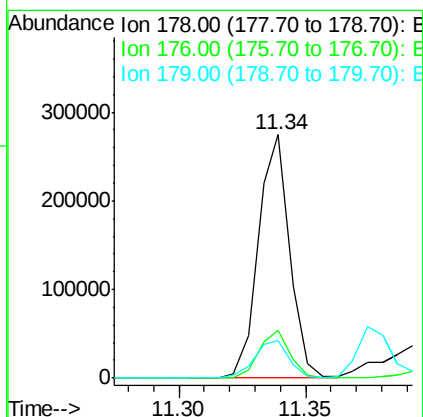
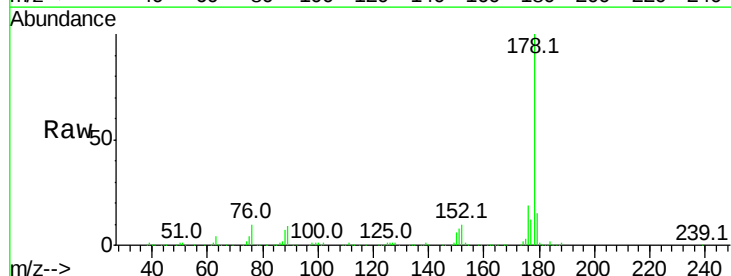
Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-01

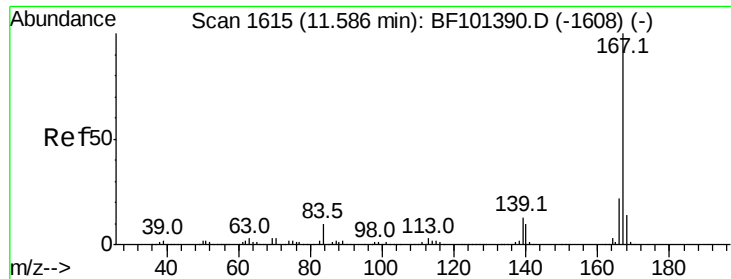
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6



#71
 Anthracene
 Concen: 9.008 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.06 min
 Lab File: BF101691.D
 Acq: 23 Dec 2017 9:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0





#72

Carbazole

Concen: 19.821 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

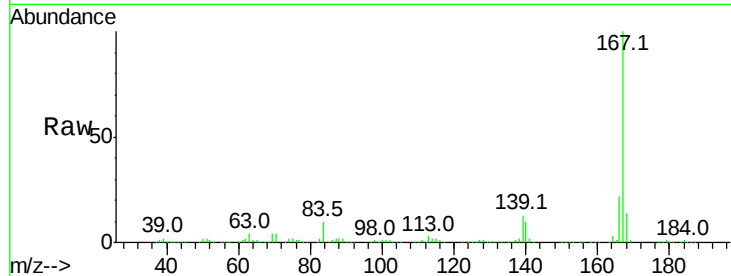
Tot Ion:167 Resp: 488094

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

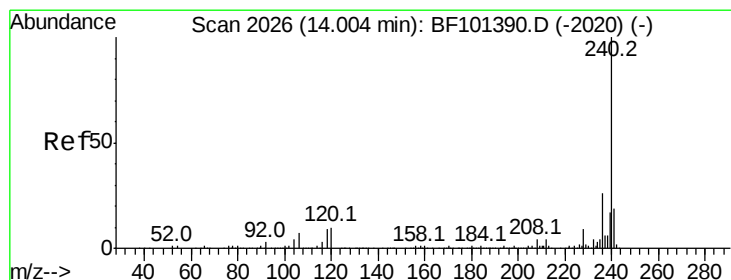
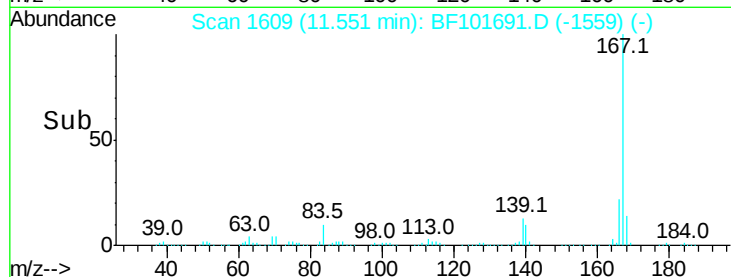
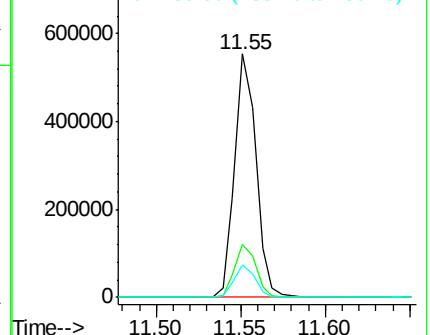
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

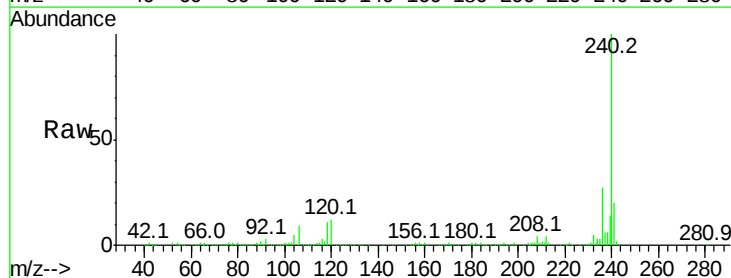
Tgt Ion:240 Resp: 309311

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

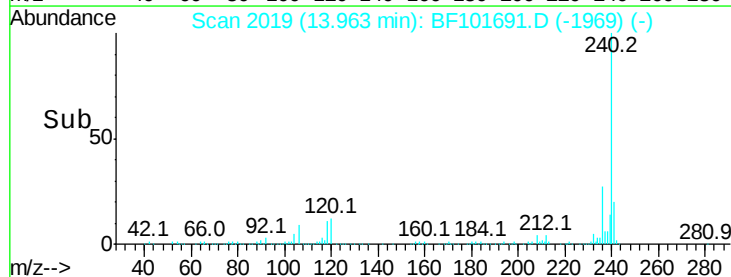
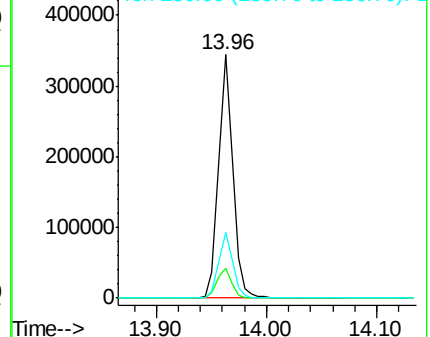
236 26.9 20.7 31.1

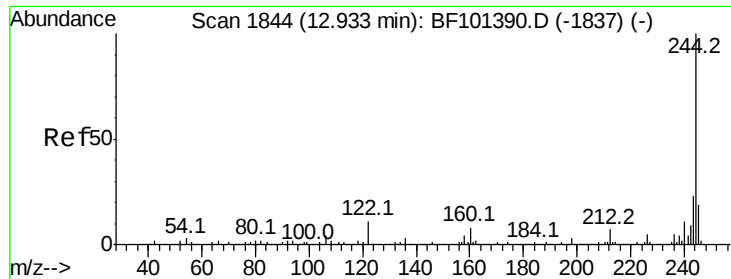


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.943 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Instrument :

BNA_F

ClientSampleId :

WC-7317-01

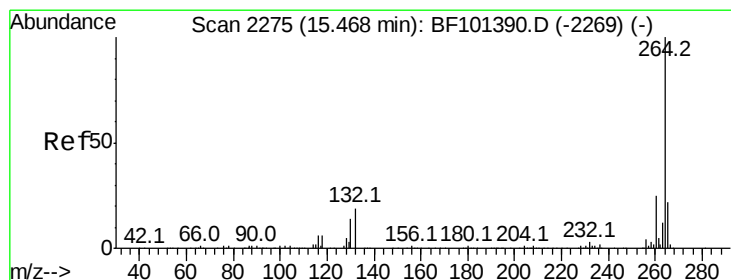
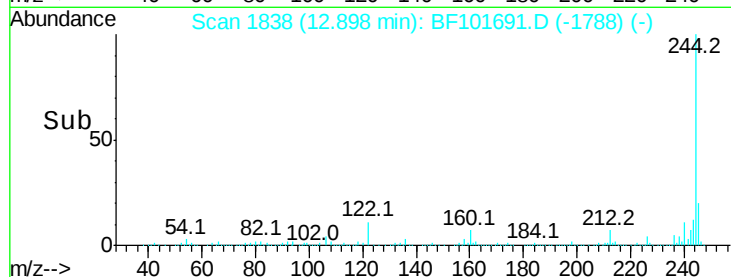
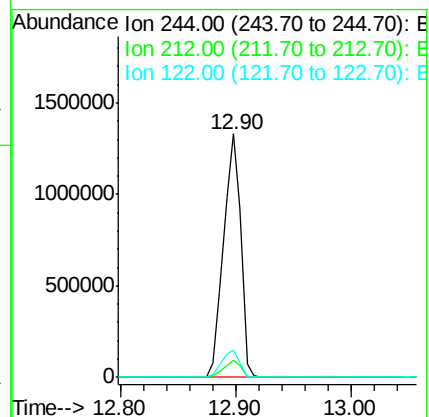
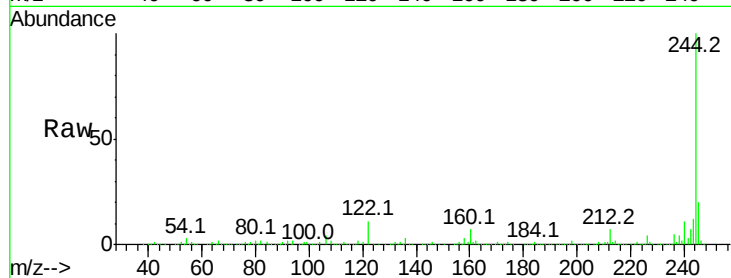
Tot Ion:244 Resp: 1372122

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

122 11.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101691.D

Acq: 23 Dec 2017 9:29

Tgt Ion:264 Resp: 260073

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 17.5 26.3

