

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101692.D
 Acq On : 23 Dec 2017 9:56
 Operator : SJ/JU
 Sample : I6839-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-01

Quant Time: Dec 24 22:34:20 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	162494	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	523817	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	279869	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	486346	20.00	ng	0.00
75) Chrysene-d12	13.96	240	327905	20.00	ng	0.00
86) Perylene-d12	15.43	264	297492	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1260344	115.54	ng	0.02
7) Phenol-d6	6.44	99	1305100	96.13	ng	0.00
23) Nitrobenzene-d5	7.36	82	997946	106.05	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	348106	129.08	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1616297	89.59	ng	0.00
78) Terphenyl-d14	12.90	244	1383048	101.68	ng	0.00

Target Compounds

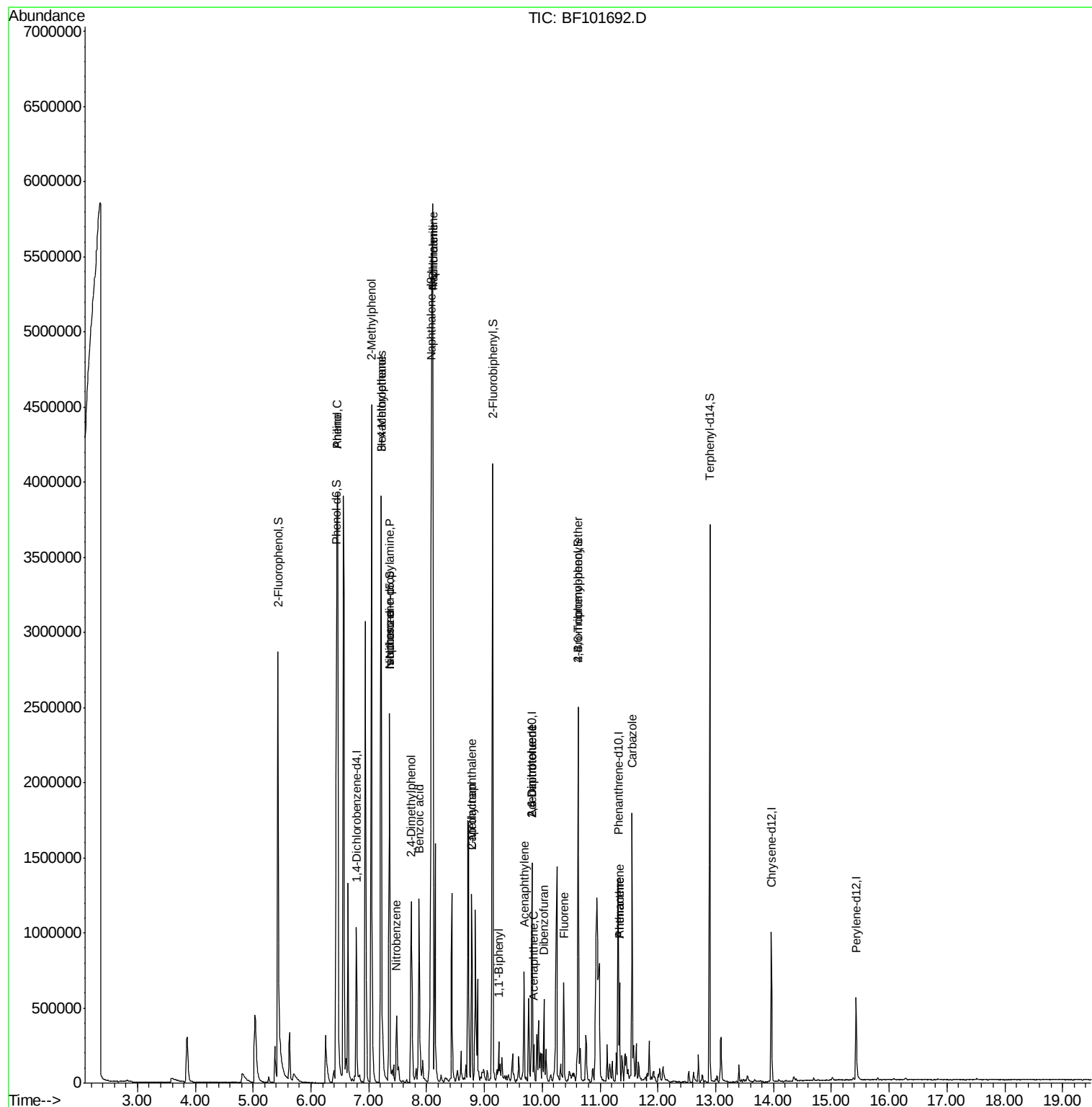
						Qvalue
6) Aniline	6.46	93	43637	2.313	ng	# 1
10) Phenol	6.46	94	1871769	120.964	ng	97
17) 2-Methylphenol	7.05	107	423270	40.099	ng	99
18) Hexachloroethane	7.22	117	82641	17.972	ng	# 3
19) n-Nitroso-di-n-propylamine	7.36	70	133116	14.930	ng	# 81
20) 3+4-Methylphenols	7.22	107	1389939	124.262	ng	85
24) Nitrobenzene	7.47	77	69330	6.657	ng	# 51
25) Isophorone	7.36	82	989850	52.436	ng	# 64
27) 2,4-Dimethylphenol	7.73	122	332943	43.801	ng	99
31) Naphthalene	8.11	128	6107369	231.595	ng	98
32) Benzoic acid	7.87	122	327642	61.323	ng	# 14
33) 4-Chloroaniline	8.10	127	871746	76.057	ng	# 34
35) Caprolactam	8.78	113	7484	2.870	ng	# 1
37) 2-Methylnaphthalene	8.78	142	335102	19.504	ng	98
45) 1,1'-Biphenyl	9.25	154	78965	3.181	ng	97
48) Acenaphthylene	9.69	152	262889	8.764	ng	99
50) 2,6-Dinitrotoluene	9.82	165	36430	7.962	ng	# 27
51) Acenaphthene	9.86	154	56562	3.139	ng	98
54) Dibenzofuran	10.03	168	214951	9.385	ng	99
56) 2,4-Dinitrotoluene	9.82	165	36430	7.067	ng	# 25
57) Fluorene	10.37	166	174077	8.985	ng	98
66) 4-Bromophenyl-phenylether	10.62	248	21722	3.975	ng	# 1
70) Phenanthrene	11.34	178	241731	8.938	ng	99
71) Anthracene	11.34	178	241731	8.750	ng	99
72) Carbazole	11.55	167	695304	26.881	ng	99

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

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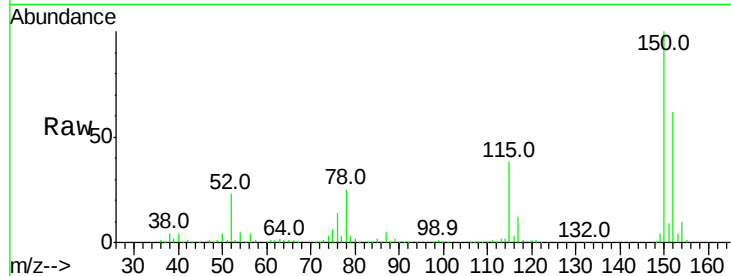


#1

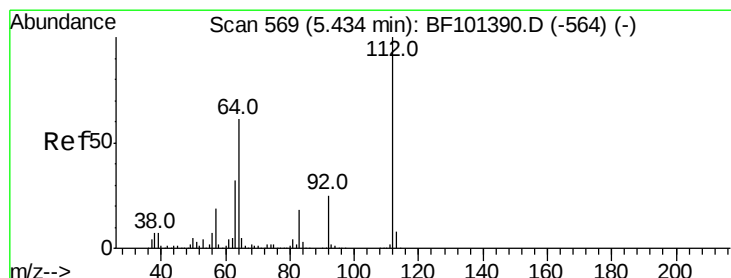
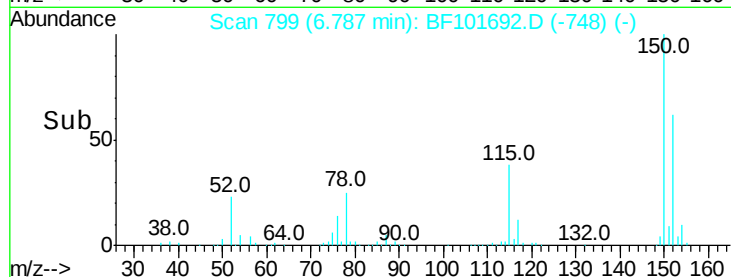
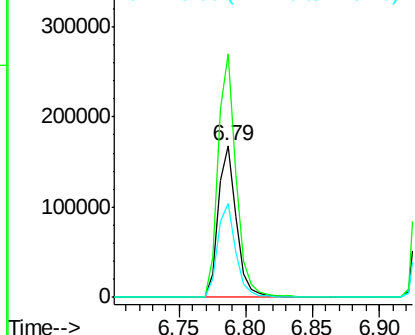
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-01

Tot Ion:152 Resp: 162494
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 61.6 50.1 75.1



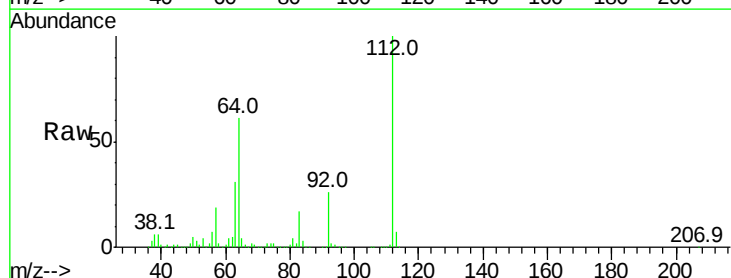
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



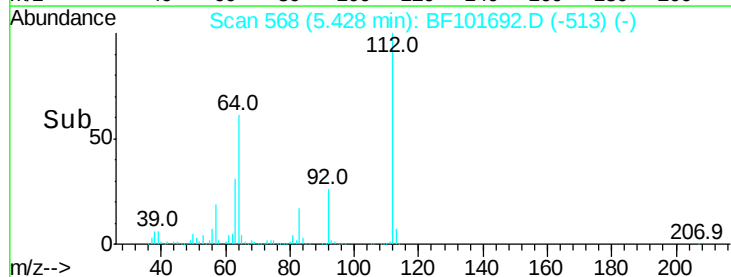
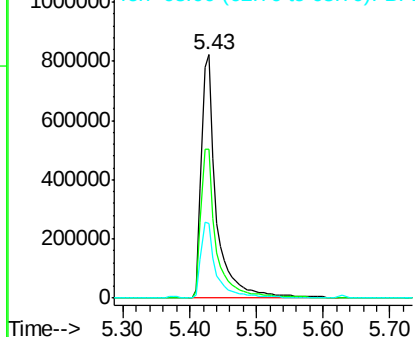
#5

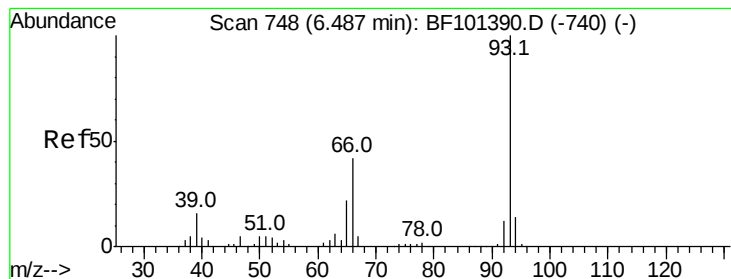
2-Fluorophenol
 Concen: 115.535 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.02 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Tgt Ion:112 Resp: 1260344
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.9 71.9
 63 30.8 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: 2.313 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

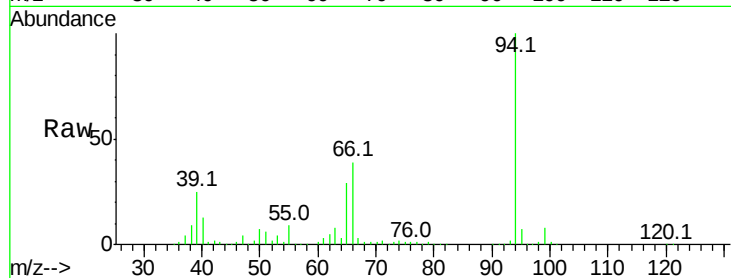
Tot Ion: 93 Resp: 43637

Ion Ratio Lower Upper

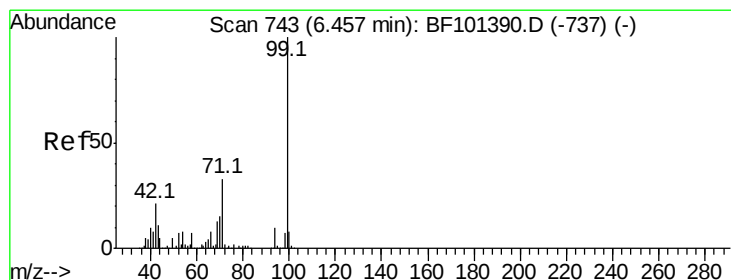
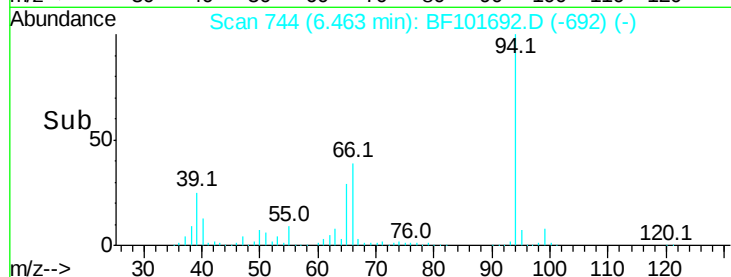
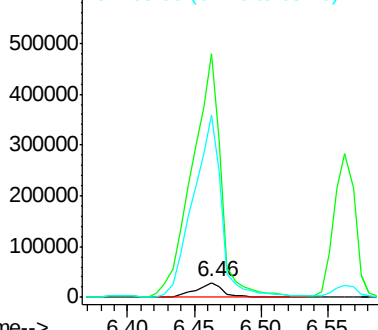
93 100

66 1638.9 32.2 48.2#

65 1228.4 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: 96.131 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

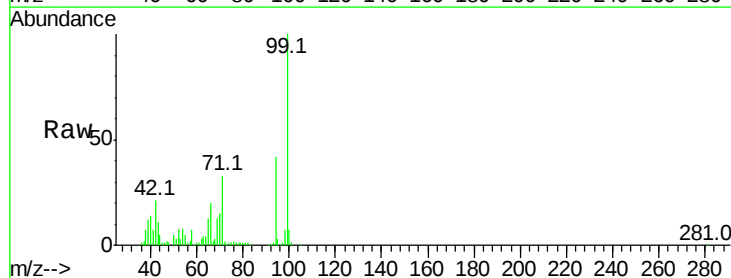
Tgt Ion: 99 Resp: 1305100

Ion Ratio Lower Upper

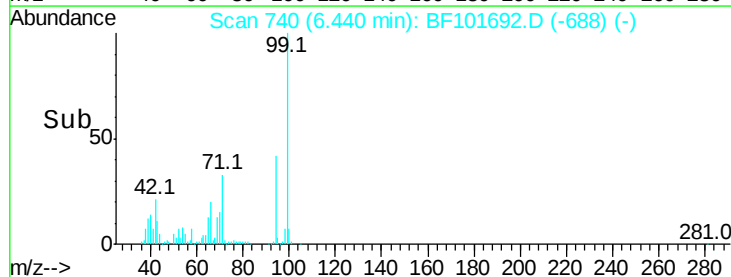
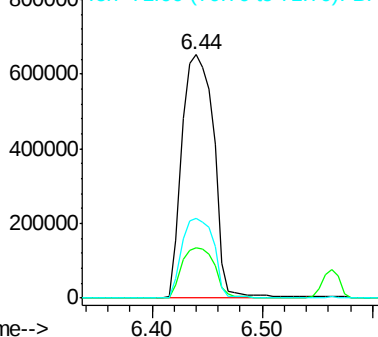
99 100

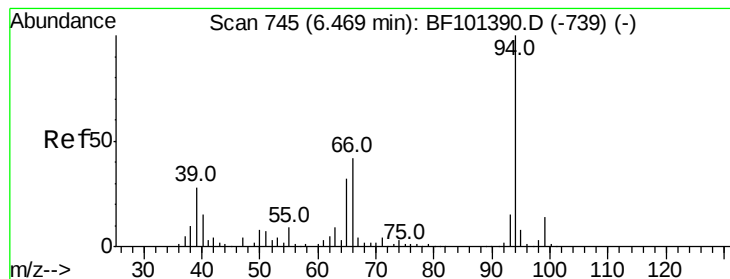
42 20.5 14.5 21.7

71 32.8 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





#10

Phenol

Concen: 120.964 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

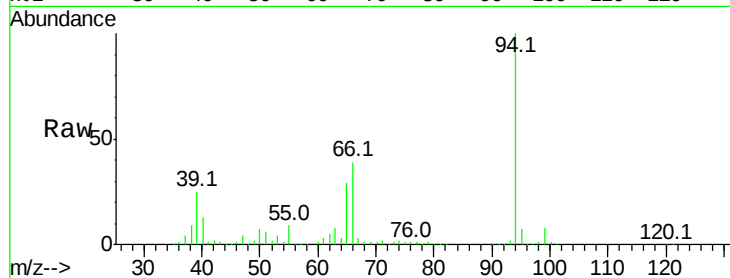
Tot Ion: 94 Resp: 1871769

Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

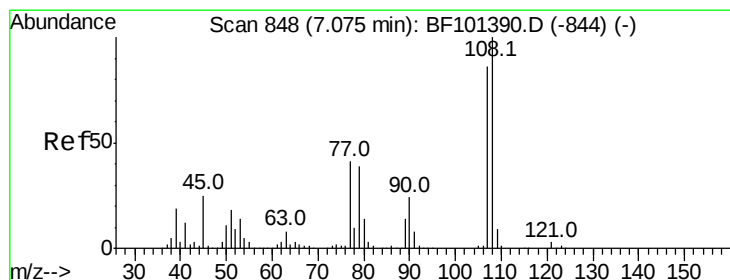
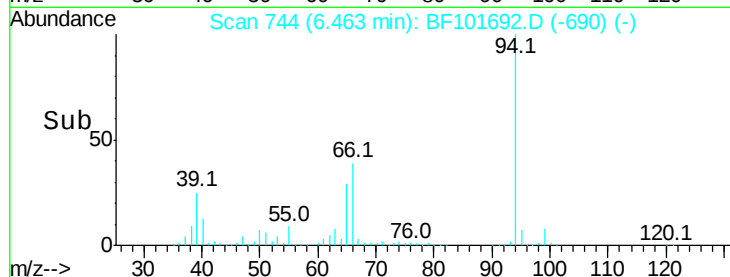
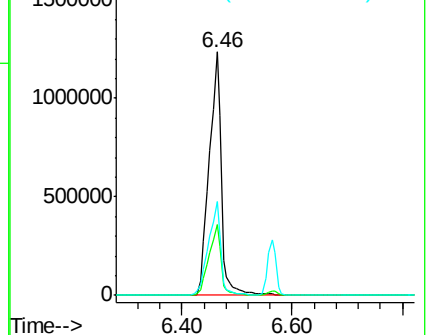
66 38.8 16.2 56.2



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



#17

2-Methylphenol

Concen: 40.099 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Tgt Ion:107 Resp: 423270

Ion Ratio Lower Upper

107 100

108 113.7 91.7 137.5

77 42.4 33.8 50.8

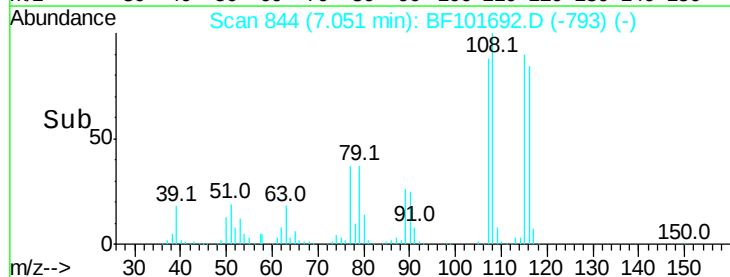
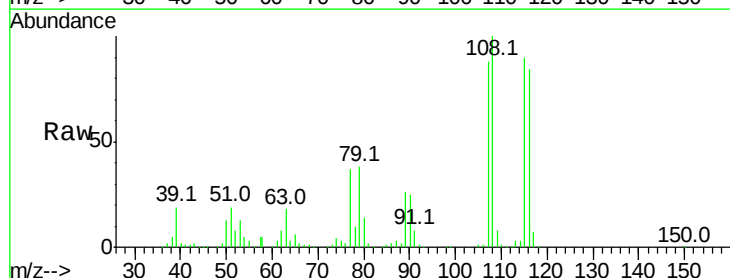
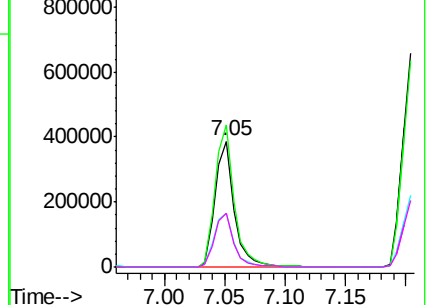
79 42.9 33.8 50.8

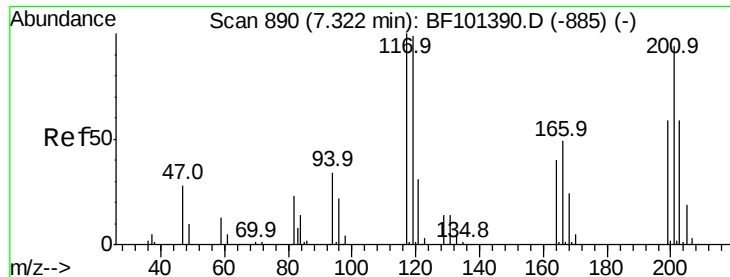
Abundance Ion 107.00 (106.70 to 107.70): E

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

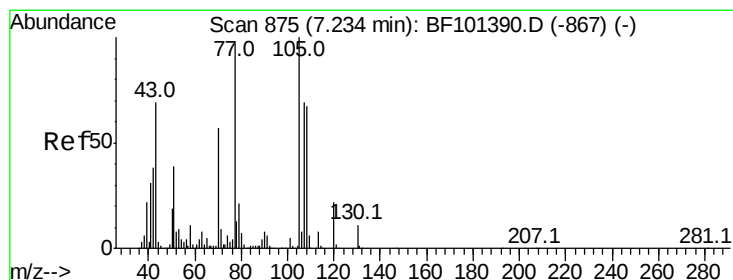
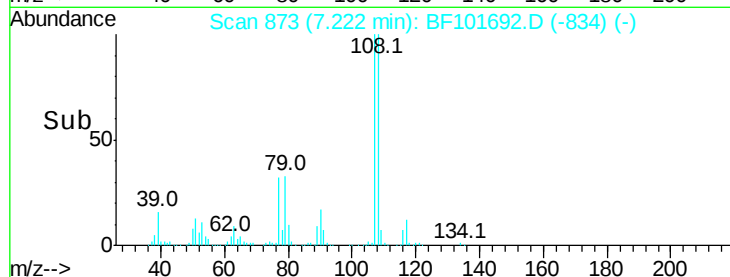
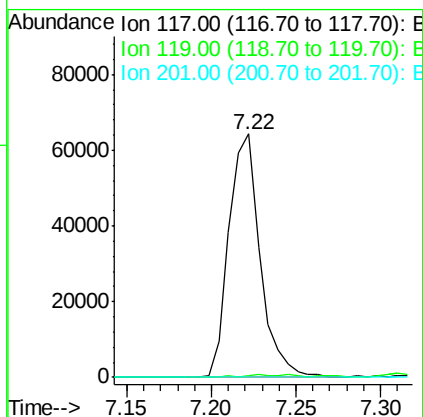
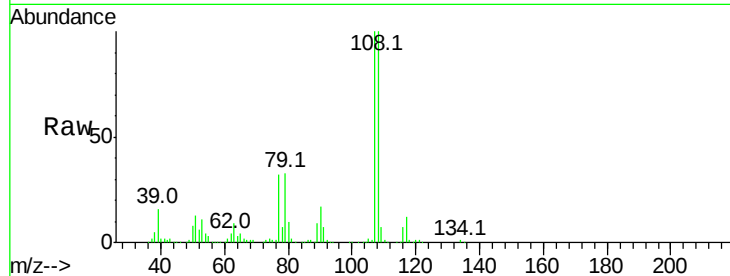




#18
Hexachloroethane
Concen: 17.972 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.07 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

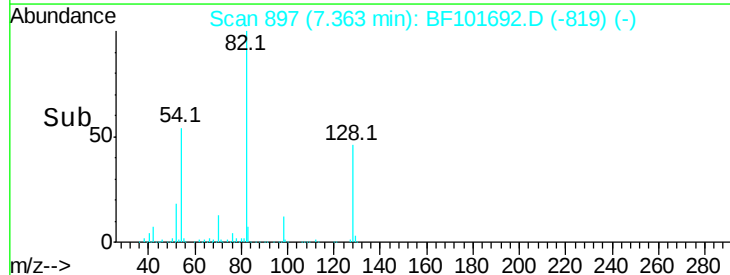
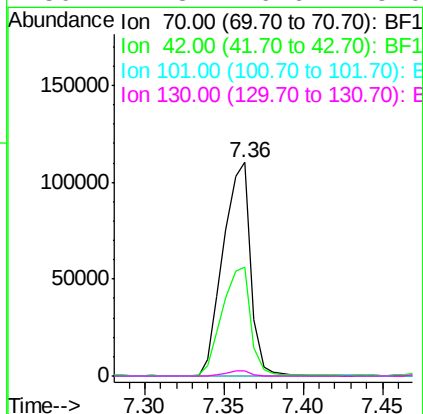
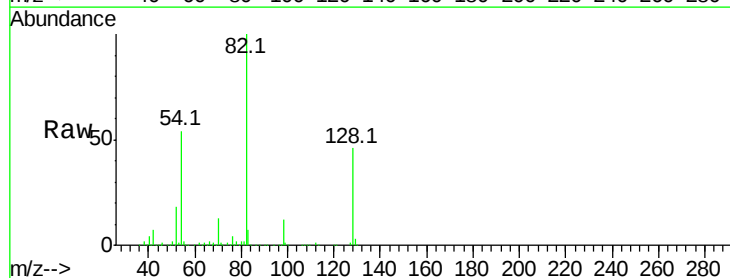
Instrument :
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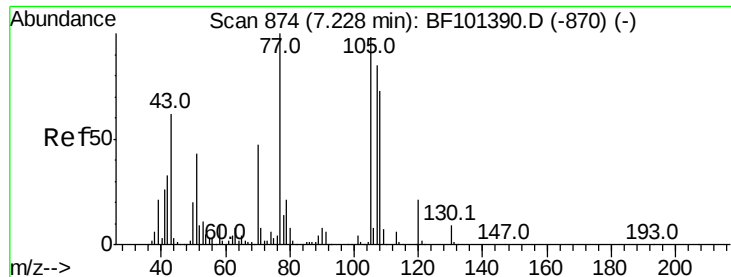
Tot Ion:117 Resp: 82641
Ion Ratio Lower Upper
117 100
119 0.9 75.8 113.8#
201 0.0 75.7 113.5#



#19
n-Nitroso-di-n-propylamine
Concen: 14.930 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.16 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion: 70 Resp: 133116
Ion Ratio Lower Upper
70 100
42 51.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#





#20

3+4-Methylphenols

Concen: 124.262 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

Tot Ion:107 Resp: 1389939

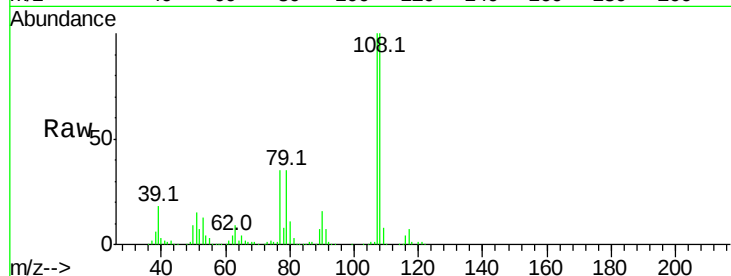
Ion Ratio Lower Upper

107 100

108 99.6 68.2 108.2

77 35.1 26.7 66.7

79 34.9 6.3 46.3

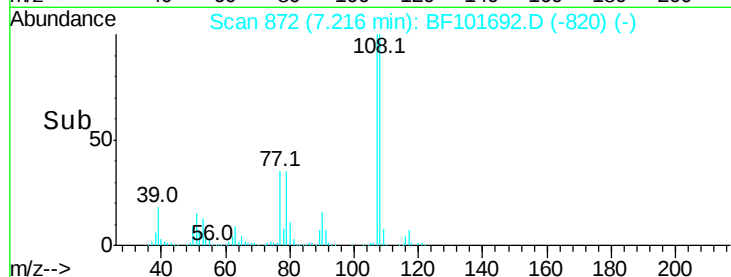


Abundance Ion 107.00 (106.70 to 107.70): E

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



Abundance

Time-->

7.10 7.20 7.30 7.40 7.50

7.22

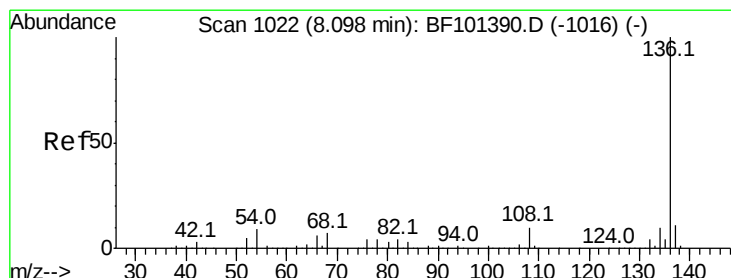
800000

600000

400000

200000

0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Tgt Ion:136 Resp: 523817

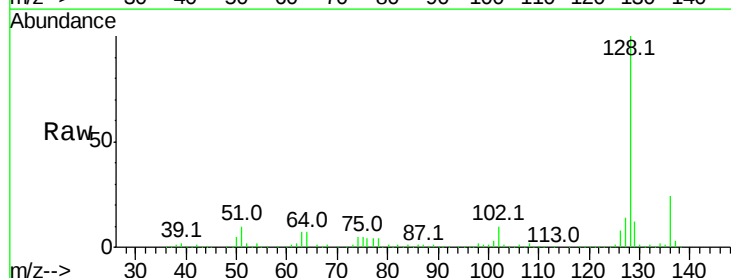
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.8 6.6 9.8

68 6.2 5.0 7.4

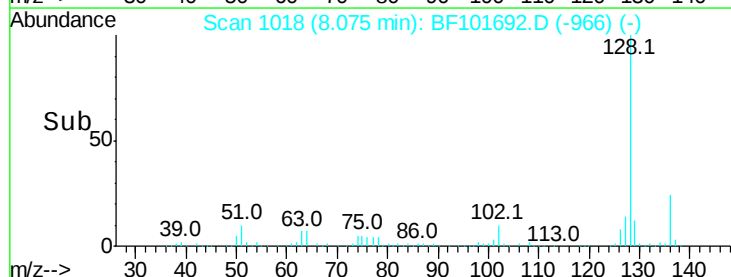


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

Time-->

8.00 8.05 8.10

8.07

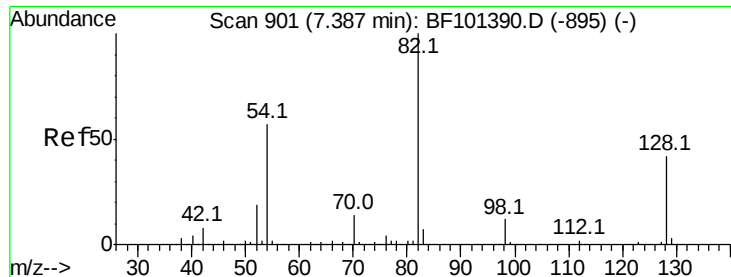
400000

300000

200000

100000

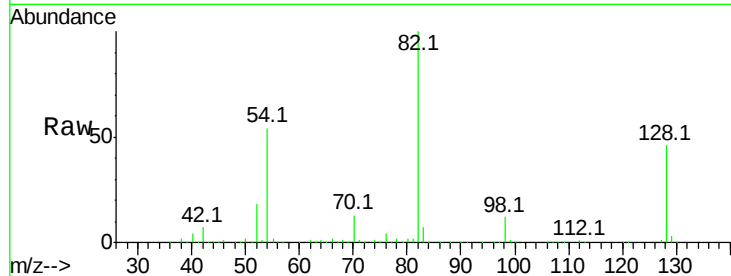
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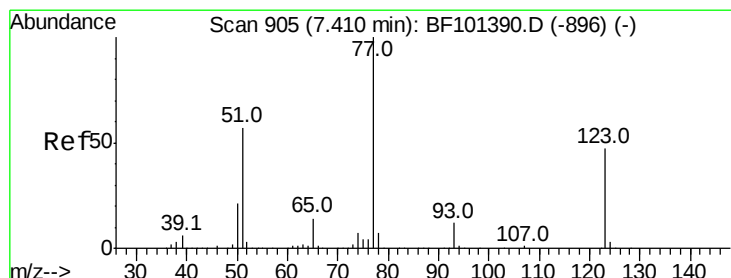
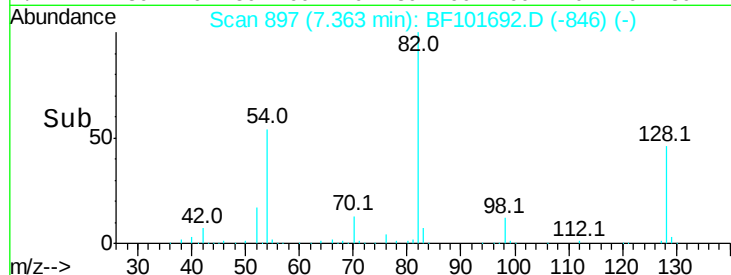
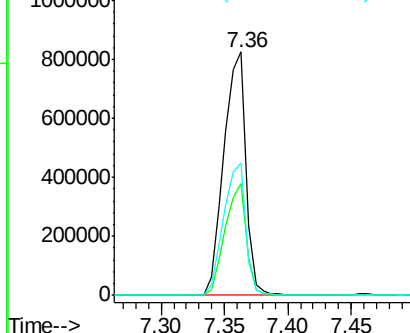
#23
Nitrobenzene-d5
Concen: 106.051 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tot Ion: 82 Resp: 997946
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 54.4 41.4 62.2

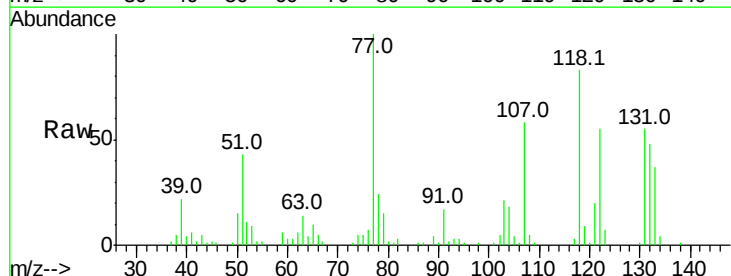


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

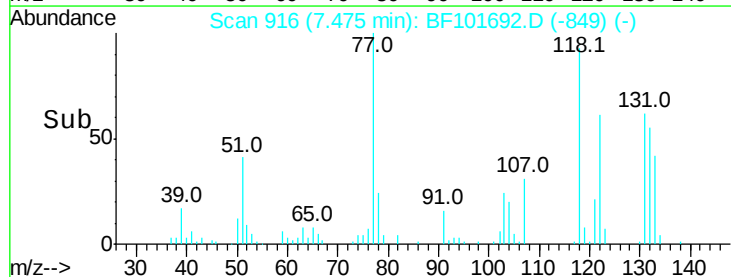
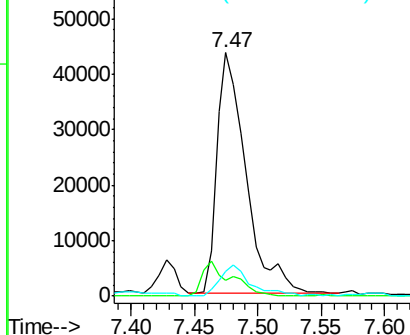


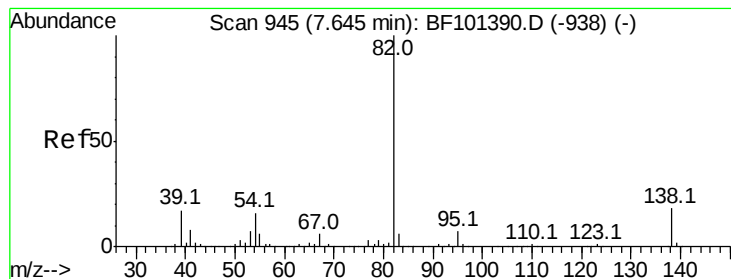
#24
Nitrobenzene
Concen: 6.657 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.09 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion: 77 Resp: 69330
Ion Ratio Lower Upper
77 100
123 6.5 37.9 56.9#
65 10.1 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: 52.436 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

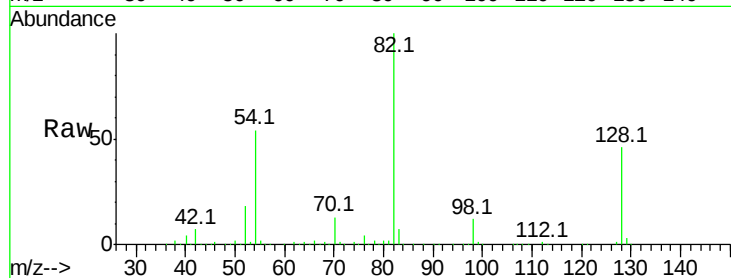
Tot Ion: 82 Resp: 989850

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

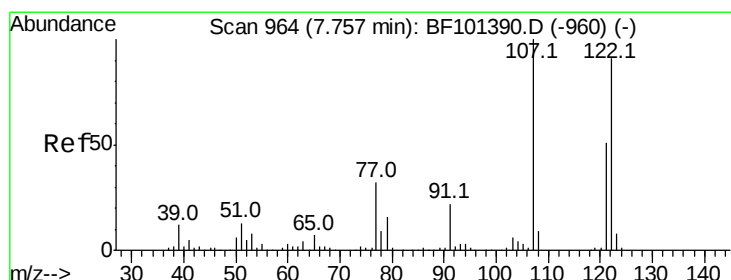
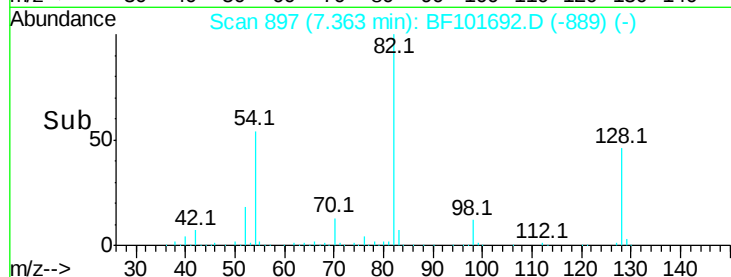
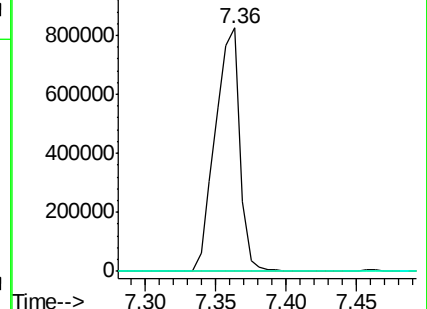
138 0.0 14.9 22.3#



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



#27

2,4-Dimethylphenol

Concen: 43.801 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

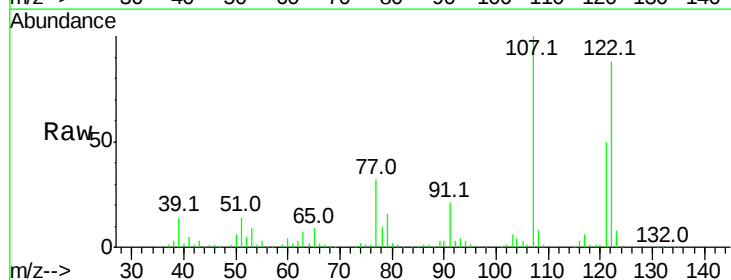
Tgt Ion:122 Resp: 332943

Ion Ratio Lower Upper

122 100

107 113.7 91.2 136.8

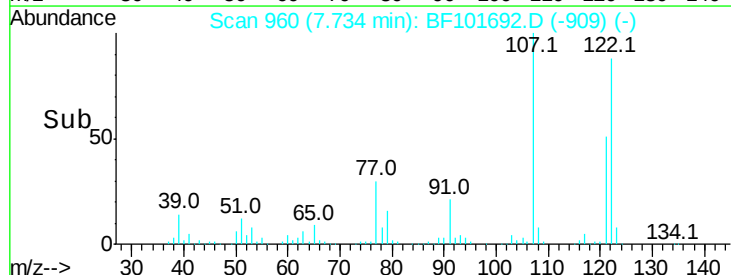
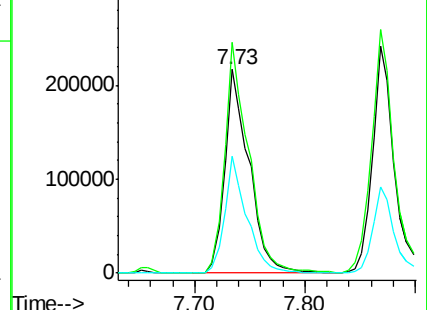
121 57.3 47.2 70.8

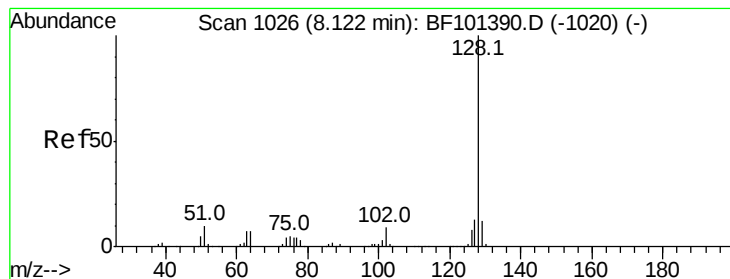


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 231.595 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.02 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

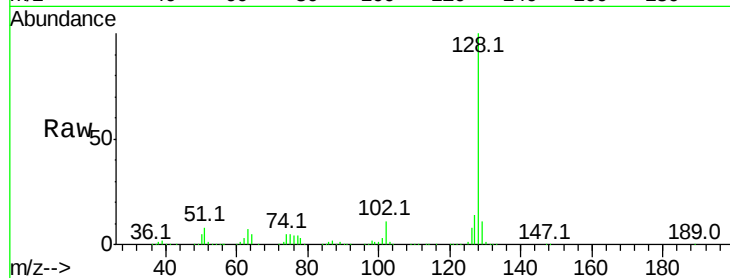
Tot Ion:128 Resp: 6107369

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

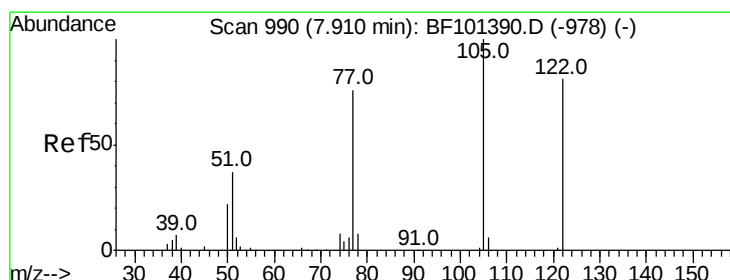
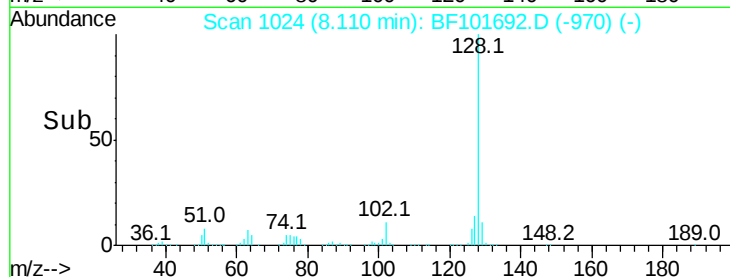
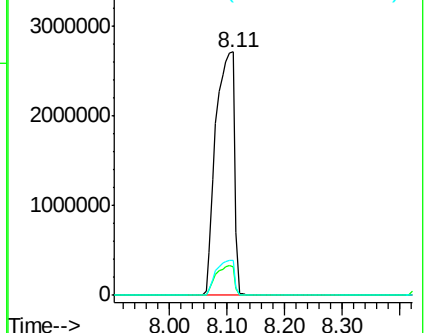
127 14.4 10.9 16.3



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: 61.323 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

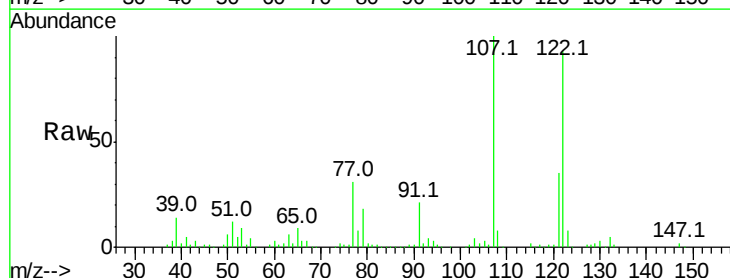
Tgt Ion:122 Resp: 327642

Ion Ratio Lower Upper

122 100

105 3.4 101.1 141.1#

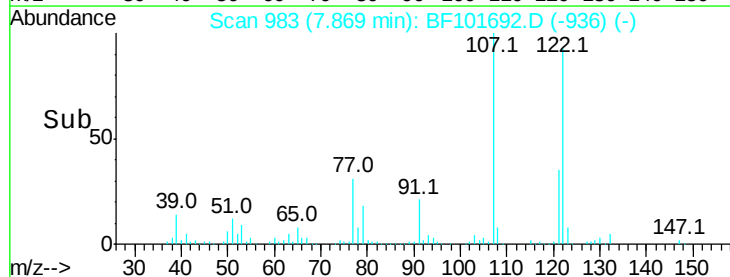
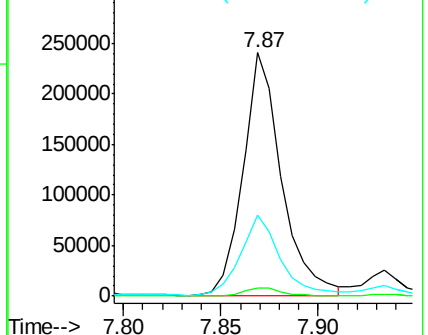
77 33.2 70.7 110.7#

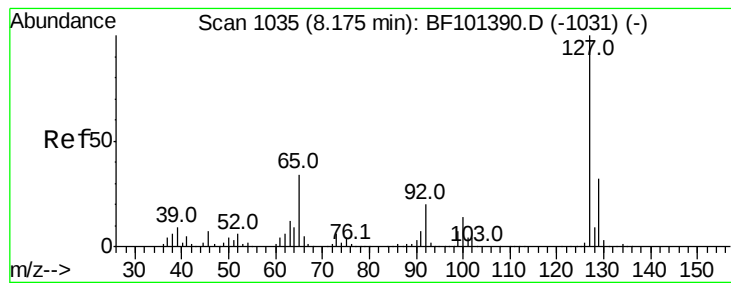


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 76.057 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

Tot Ion:127 Resp: 871746

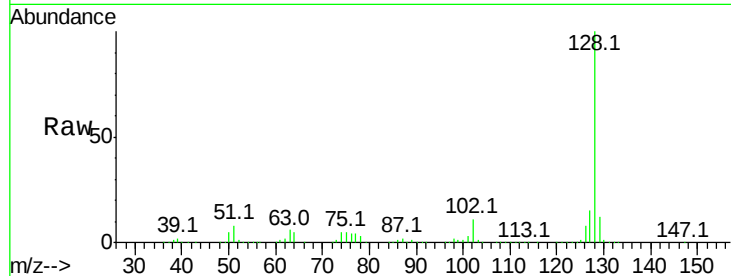
Ion Ratio Lower Upper

127 100

129 82.8 25.9 38.9#

65 0.0 25.0 37.4#

92 0.1 15.2 22.8#

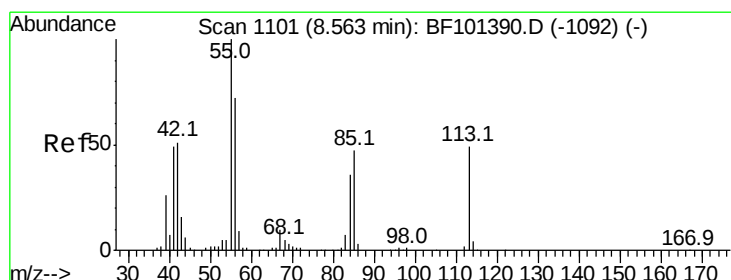
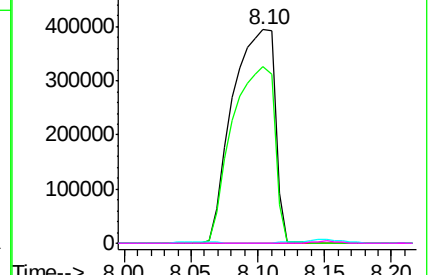
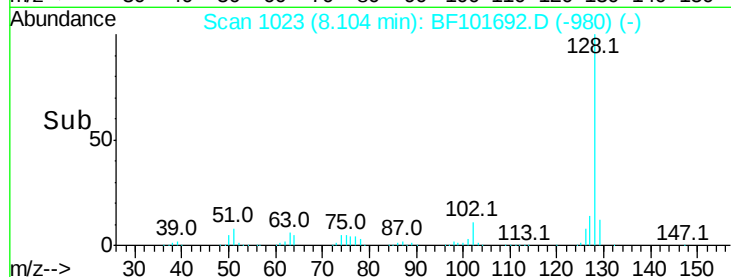


Abundance Ion 127.00 (126.70 to 127.70): E

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



#35

Caprolactam

Concen: 2.870 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.25 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

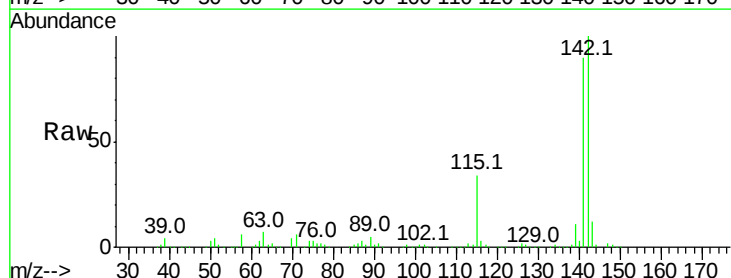
Tgt Ion:113 Resp: 7484

Ion Ratio Lower Upper

113 100

55 16.0 163.3 203.3#

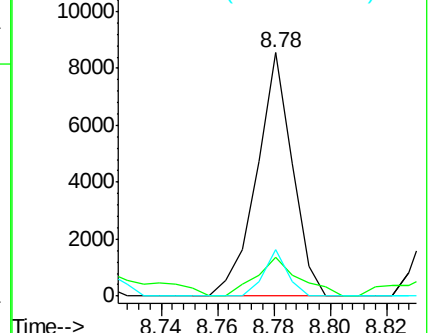
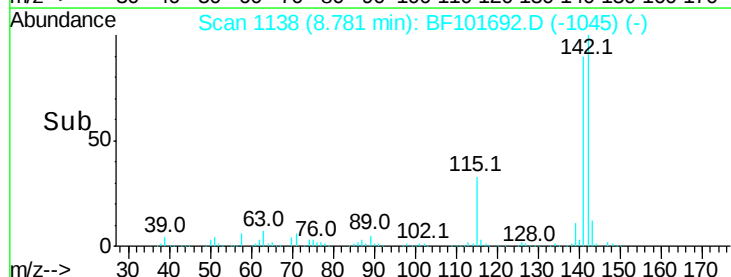
56 19.3 115.7 155.7#

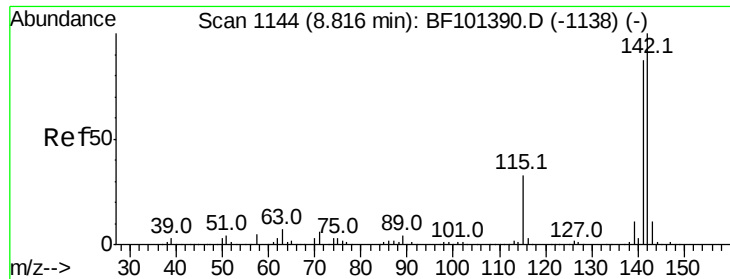


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

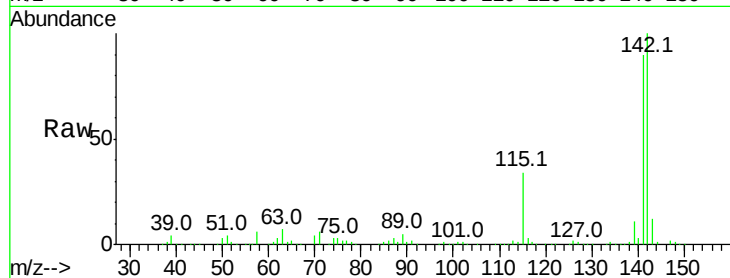




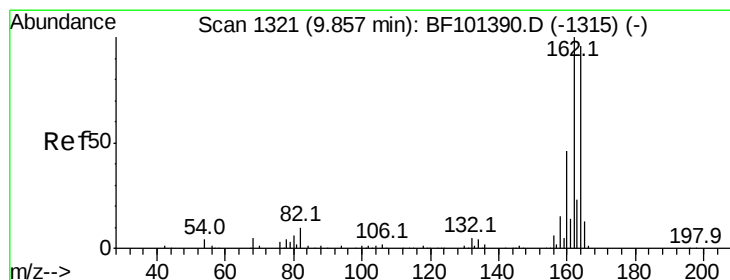
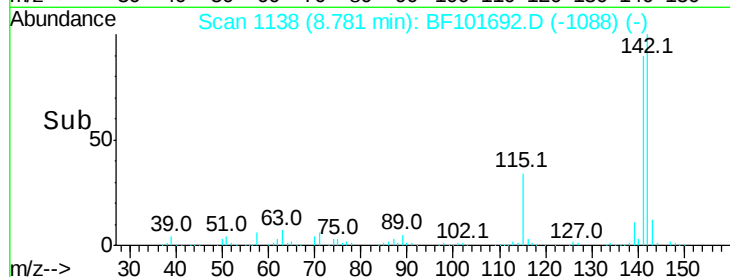
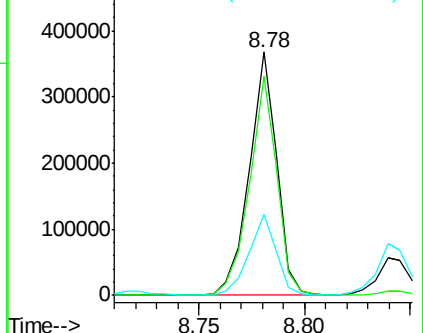
#37
2-Methylnaphthalene
Concen: 19.504 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	33.5	26.1	39.1

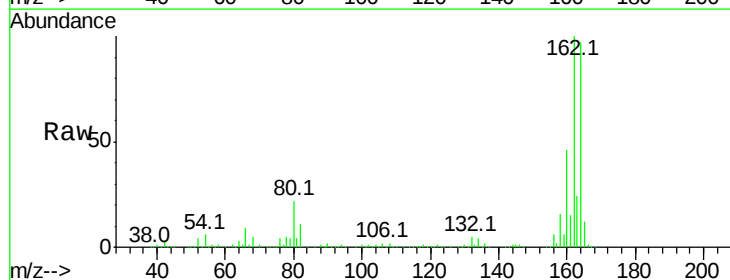


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

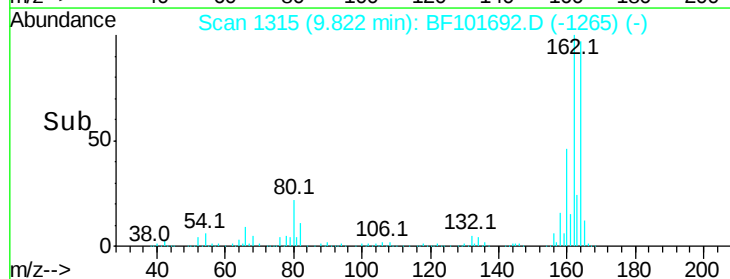
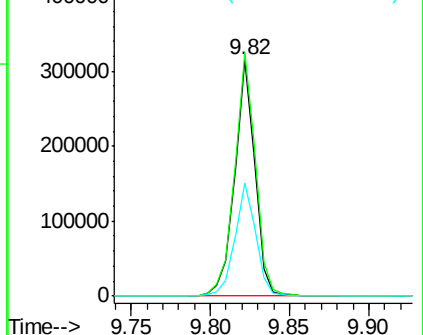


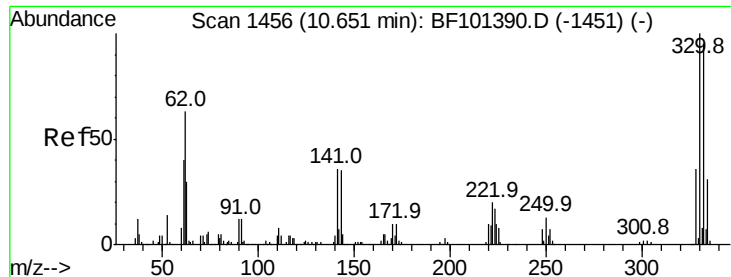
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	47.7	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

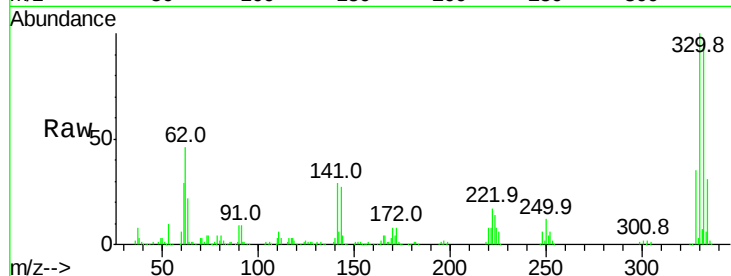




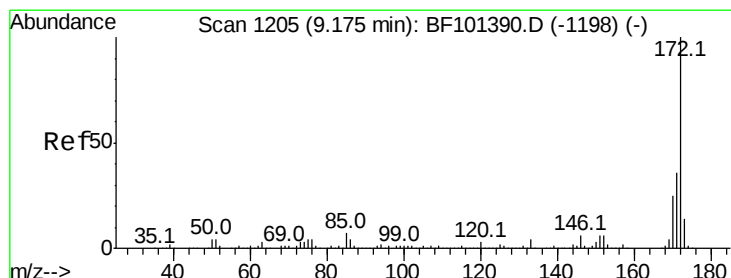
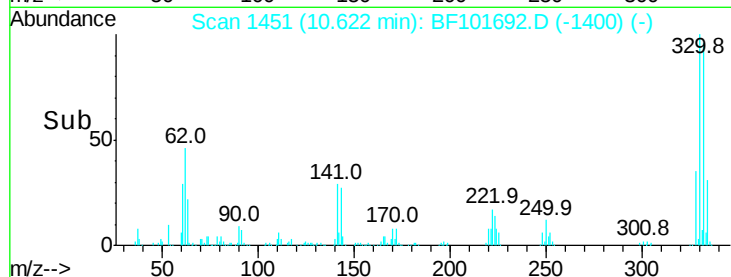
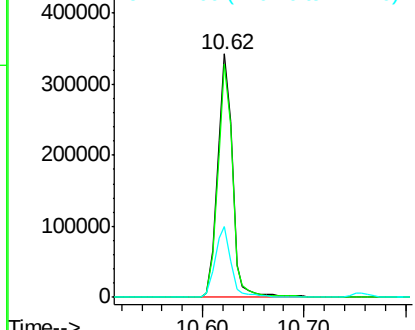
#41
 2,4,6-Tribromophenol
 Concen: 129.083 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-01

Tot Ion:330 Resp: 348106
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.7 29.9 44.9

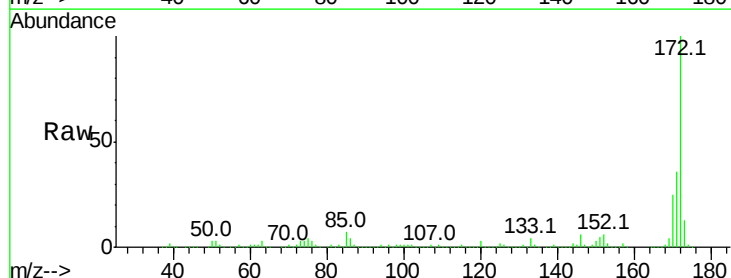


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

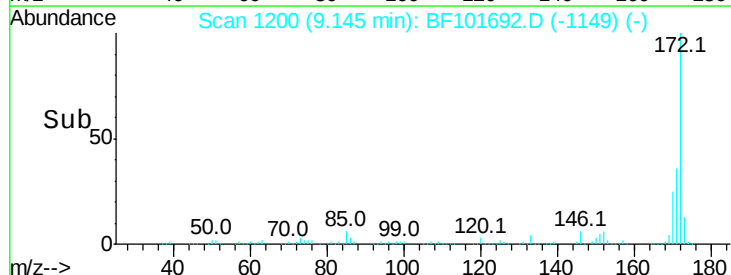
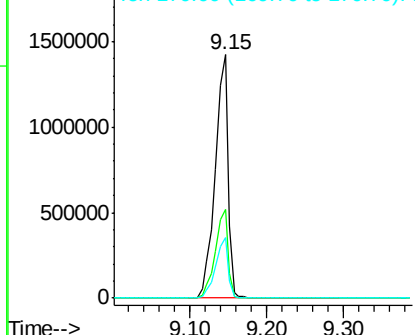


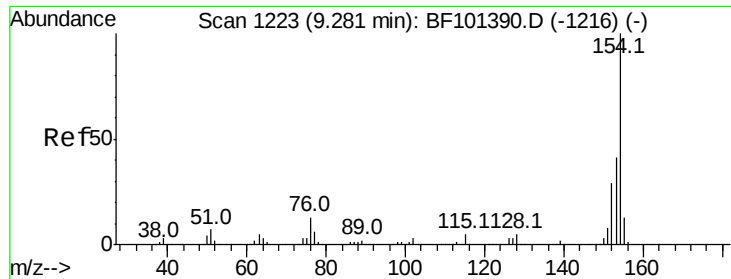
#44
 2-Fluorobiphenyl
 Concen: 89.587 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Tgt Ion:172 Resp: 1616297
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.7 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

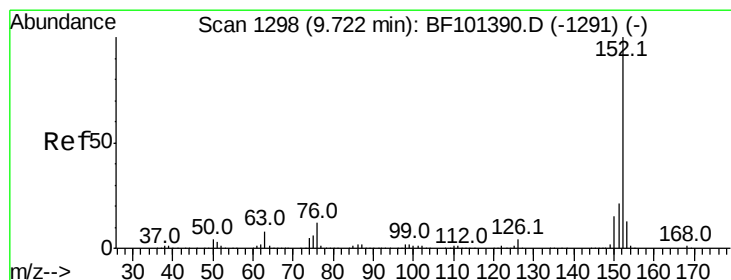
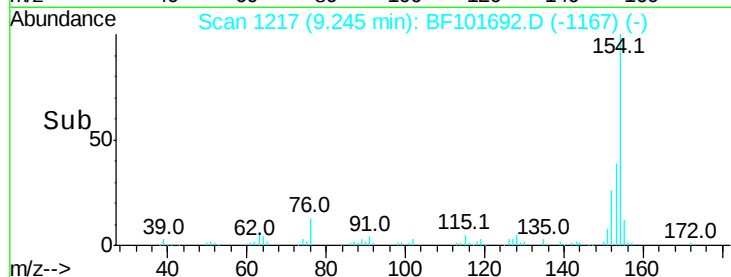
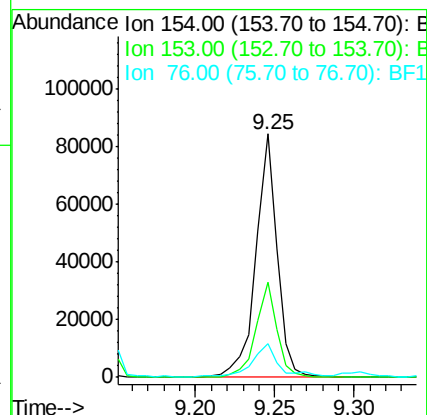
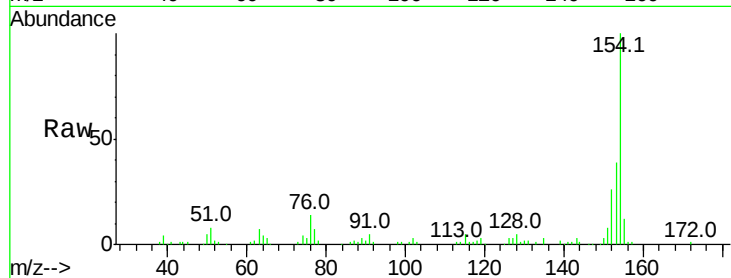




#45
 1,1'-Biphenyl
 Concen: 3.181 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

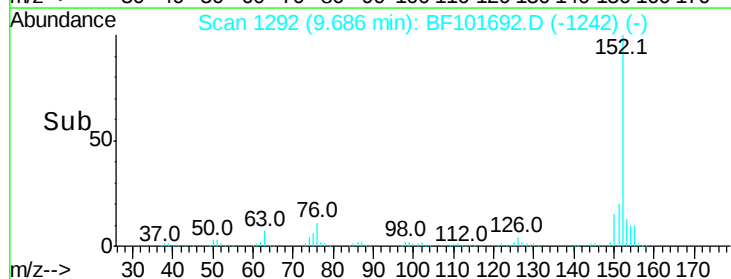
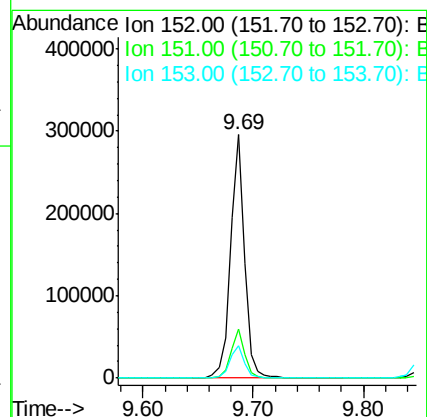
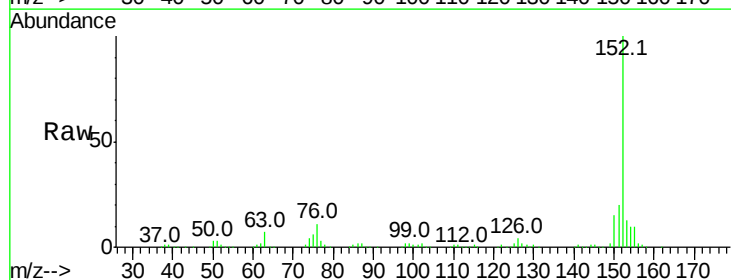
Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-01

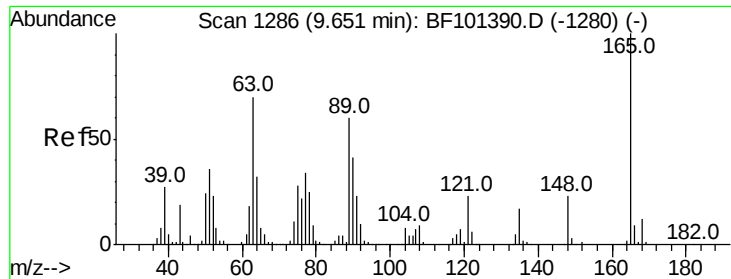
Tot Ion:	154	Resp:	78965
Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.3	61.3
76	13.8	0.0	34.0



#48
 Acenaphthylene
 Concen: 8.764 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Tgt Ion:	152	Resp:	262889
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.4	10.7	16.1

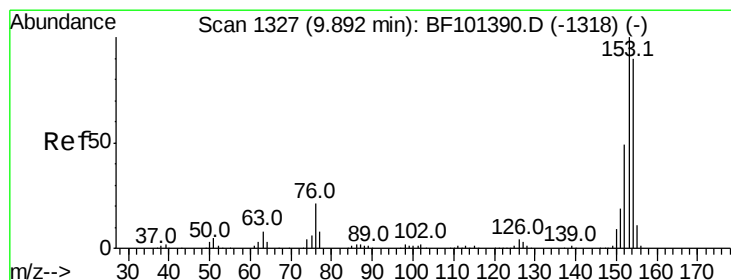
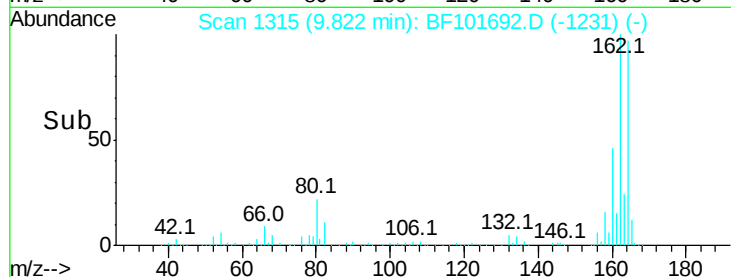
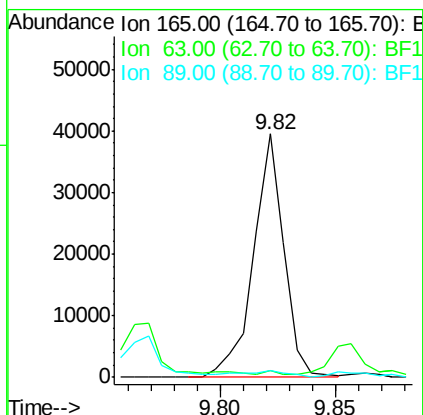
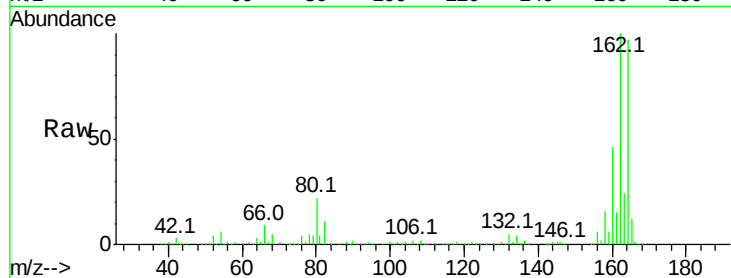




#50
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

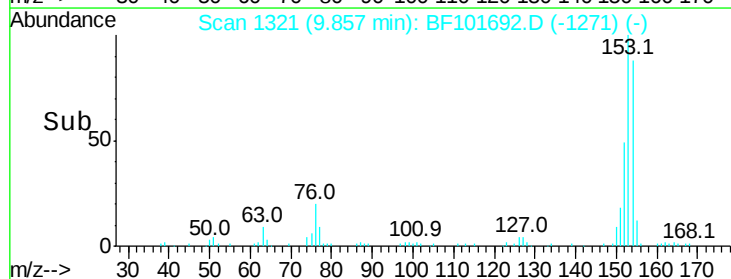
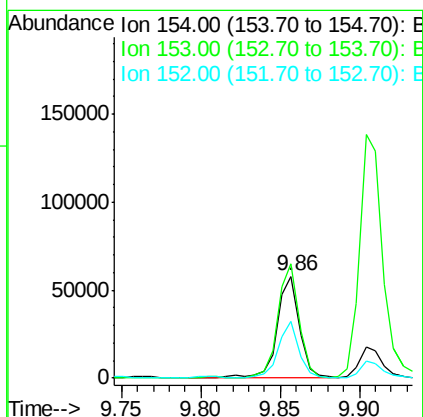
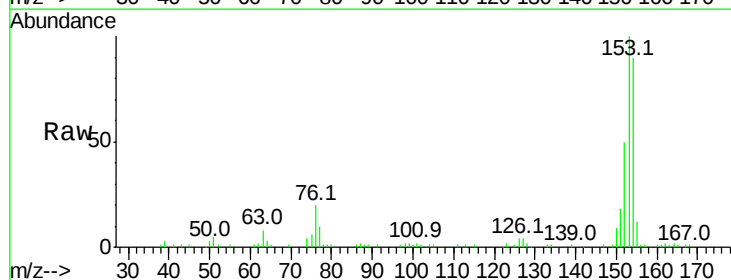
Instrument :
BNA_F
ClientSampleId :
WC-41446854-01

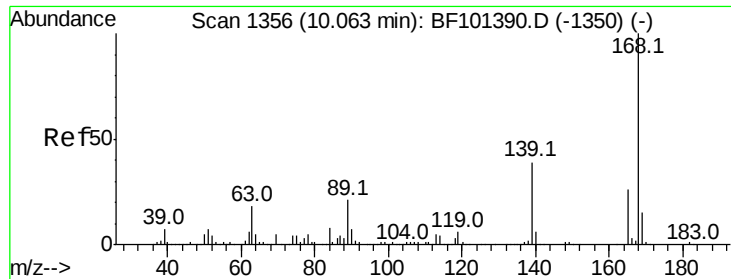
Tot Ion:165 Resp: 36430
Ion Ratio Lower Upper
165 100
63 2.6 44.7 67.1#
89 2.7 44.0 66.0#



#51
Acenaphthene
Concen: 3.139 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF101692.D
Acq: 23 Dec 2017 9:56

Tgt Ion:154 Resp: 56562
Ion Ratio Lower Upper
154 100
153 111.6 91.2 136.8
152 55.3 43.8 65.8





#54

Dibenzenofuran

Concen: 9.385 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

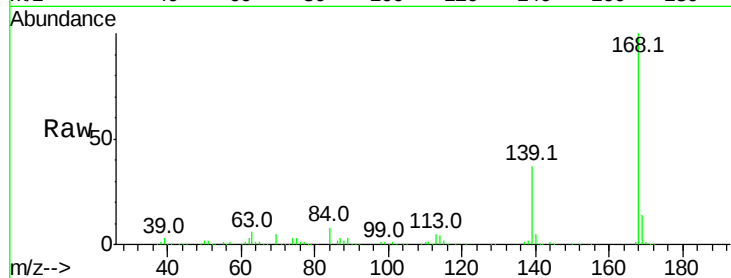
Tot Ion:168 Resp: 214951

Ion Ratio Lower Upper

168 100

139 37.3 30.1 45.1

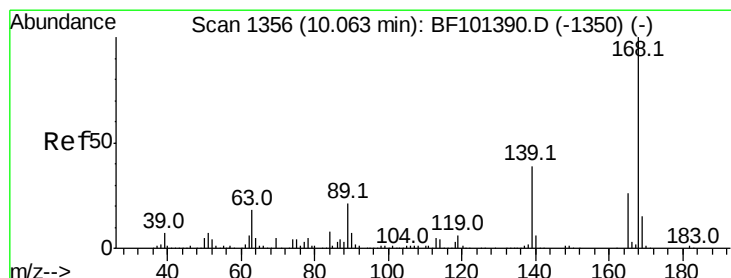
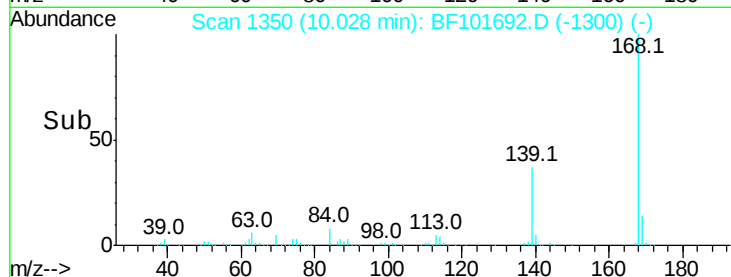
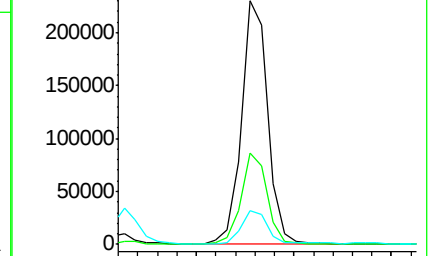
169 14.1 10.9 16.3



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: 7.067 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.22 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Tgt Ion:165 Resp: 36430

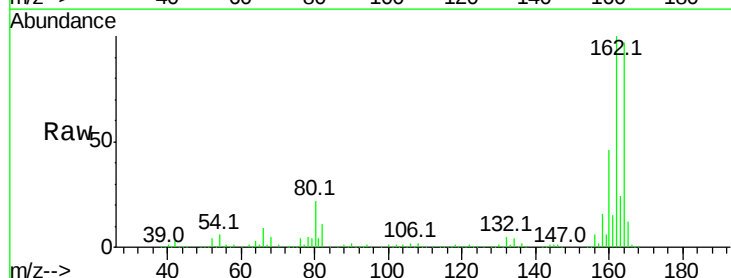
Ion Ratio Lower Upper

165 100

63 2.6 36.4 54.6#

89 2.7 57.8 86.6#

182 0.0 1.6 2.4#

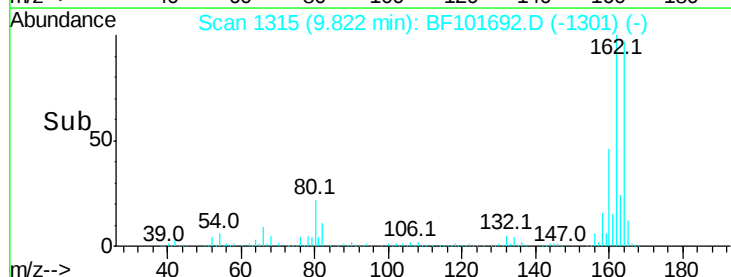
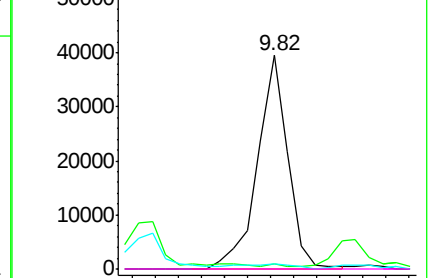


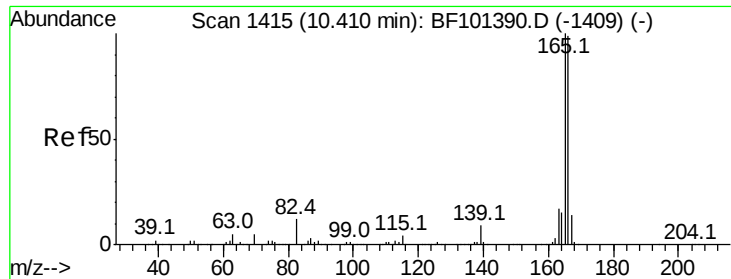
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

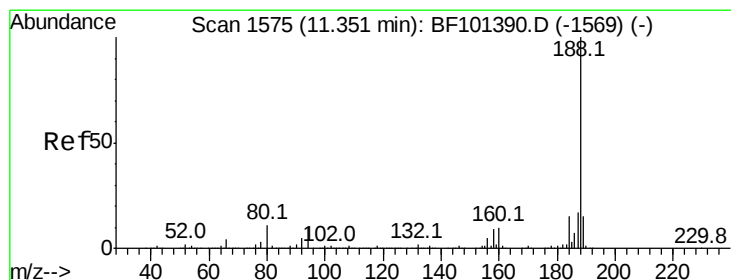
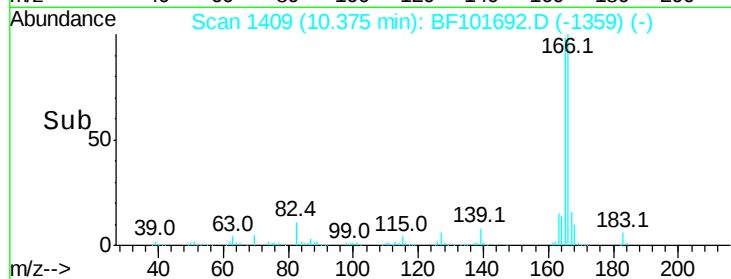
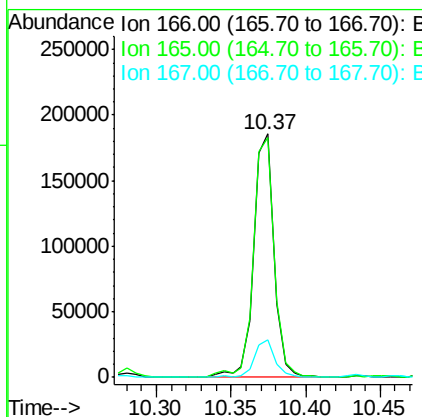
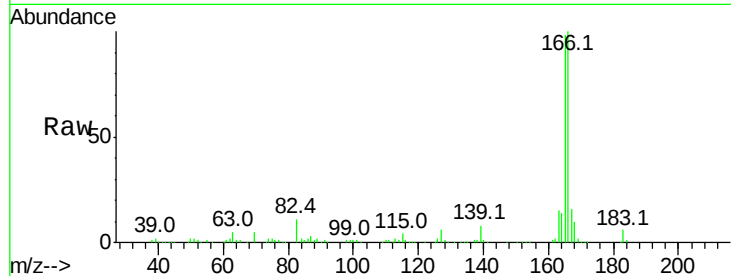




#57
 Fluorene
 Concen: 8.985 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

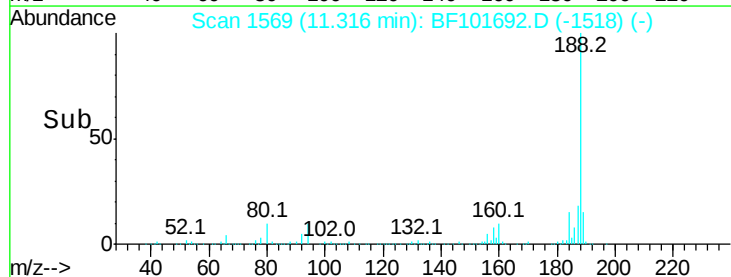
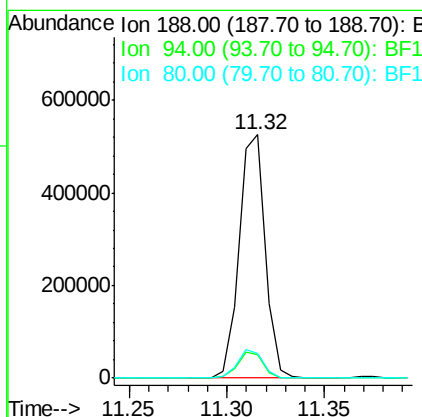
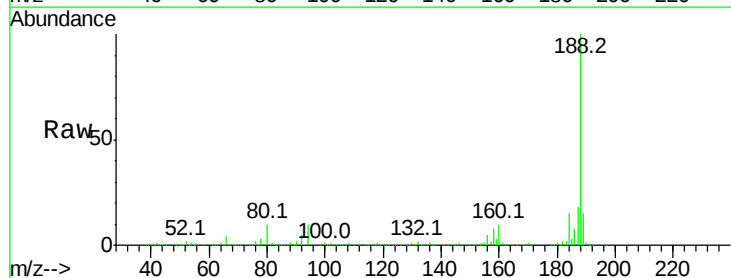
Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-01

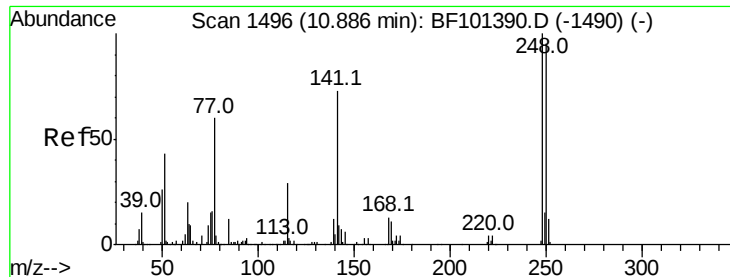
Tot Ion:	166	Resp:	174077
Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.8	119.8
167	15.6	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Tgt Ion:	188	Resp:	486346
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8

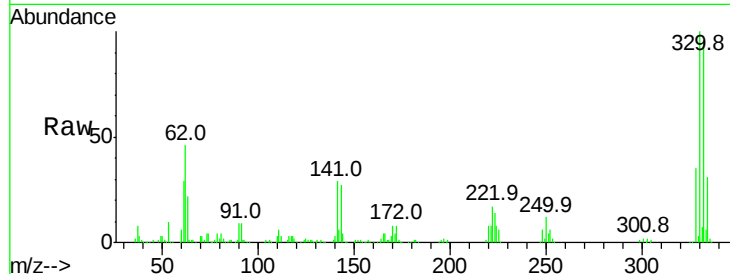




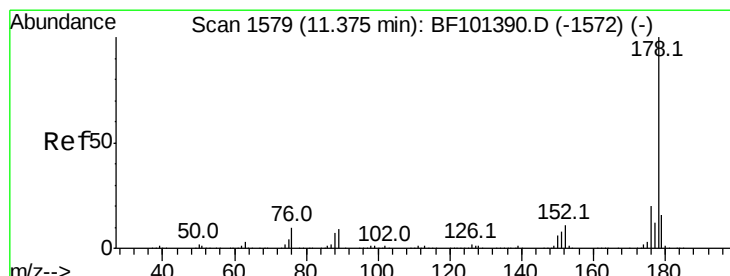
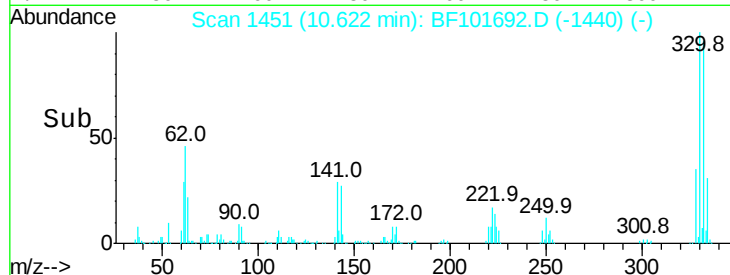
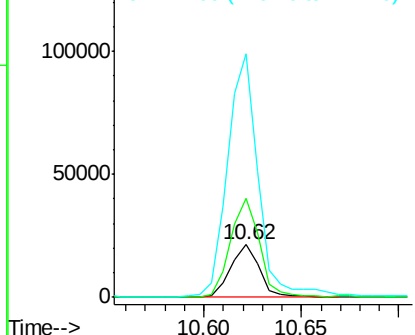
#66
 4-Bromophenyl-phenylether
 Concen: 3.975 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-41446854-01

Tot Ion	Ratio	Lower	Upper
248	100		
250	189.0	76.9	115.3#
141	464.6	74.4	111.6#

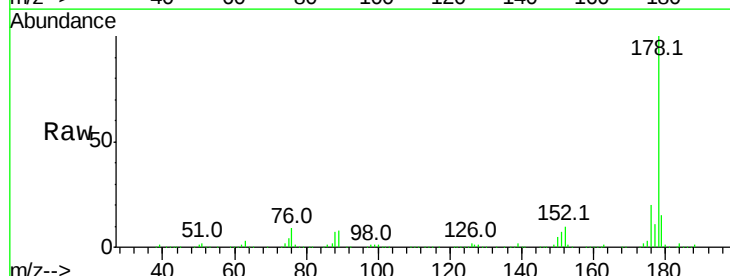


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

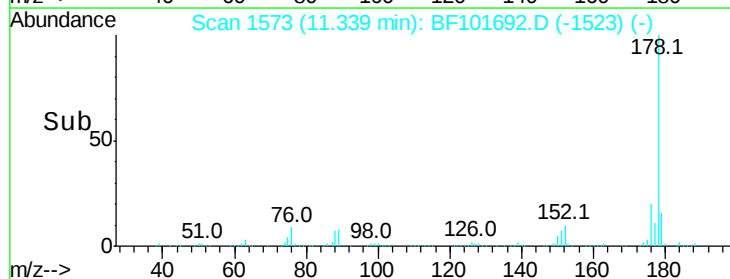
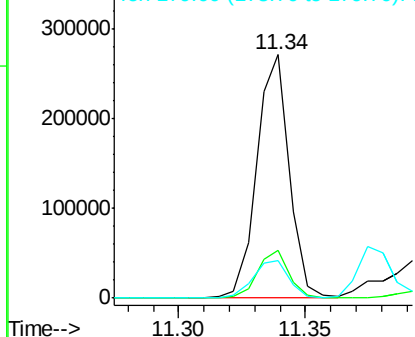


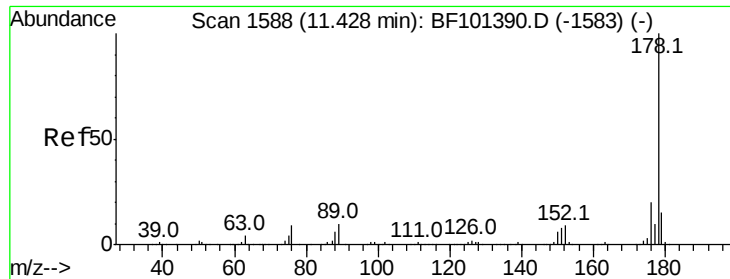
#70
 Phenanthrene
 Concen: 8.938 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF101692.D
 Acq: 23 Dec 2017 9:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	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: 8.750 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.06 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

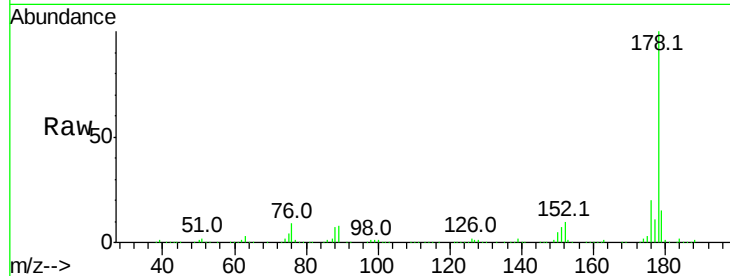
Tot Ion:178 Resp: 241731

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

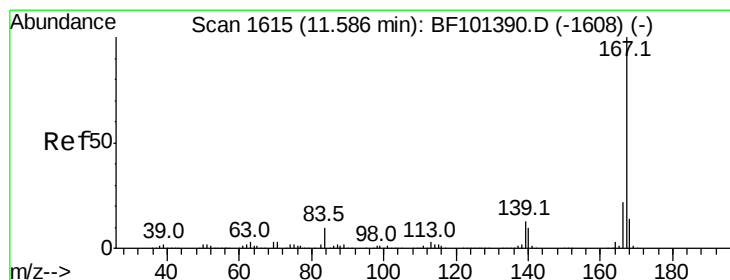
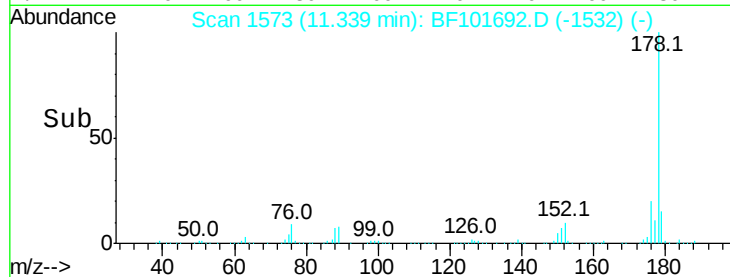
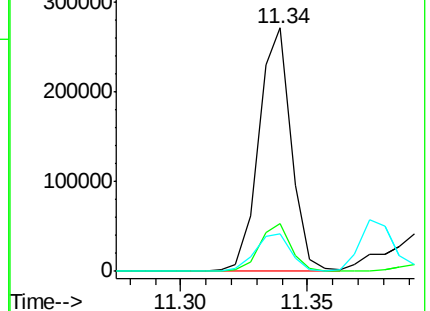
179 15.5 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 26.881 ng

RT: 11.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

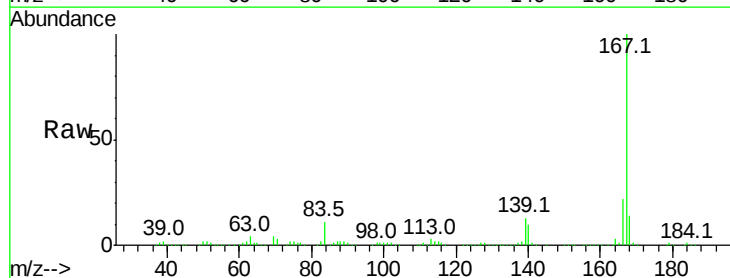
Tgt Ion:167 Resp: 695304

Ion Ratio Lower Upper

167 100

166 21.9 17.6 26.4

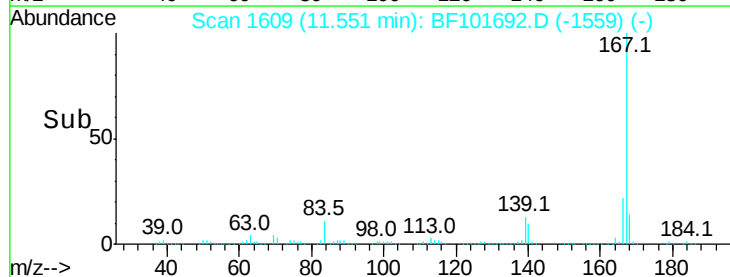
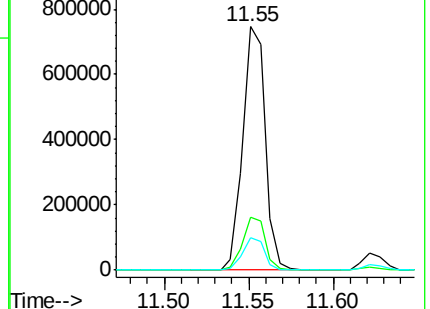
139 13.1 10.9 16.3

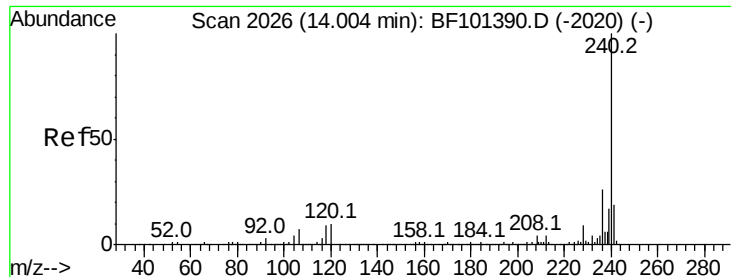


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

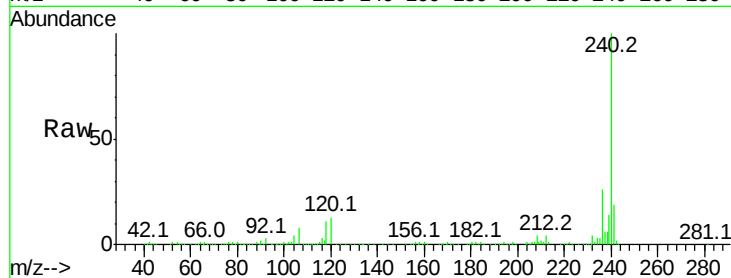
Tot Ion:240 Resp: 327905

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

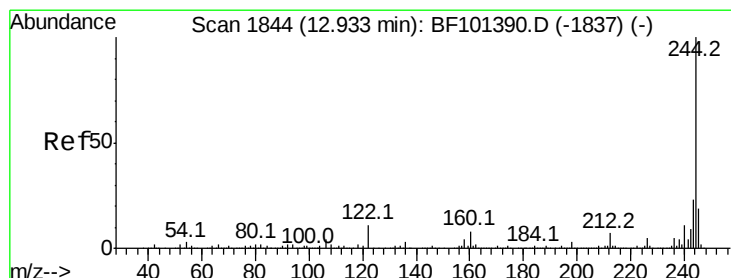
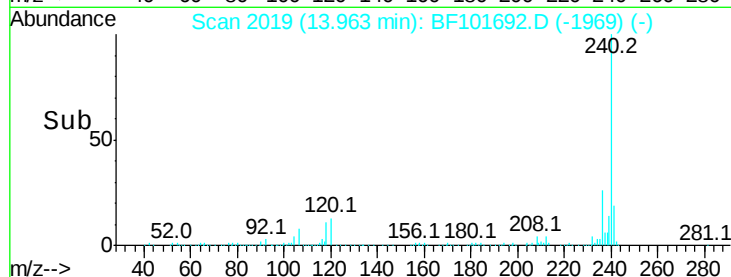
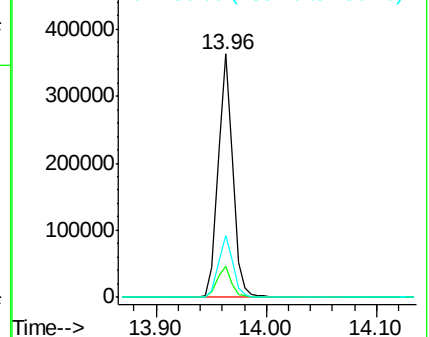
236 25.6 20.7 31.1



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: 101.682 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

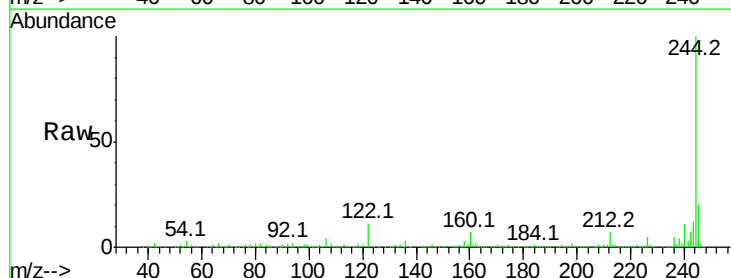
Tgt Ion:244 Resp: 1383048

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

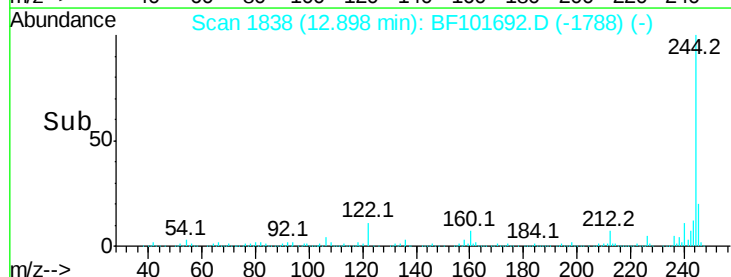
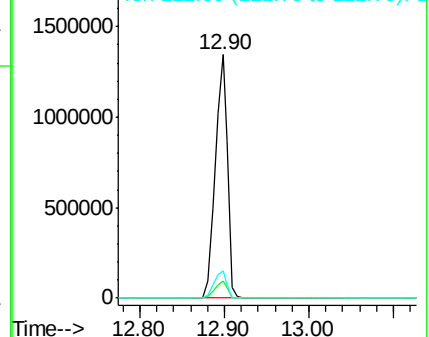
122 11.0 11.0 16.4

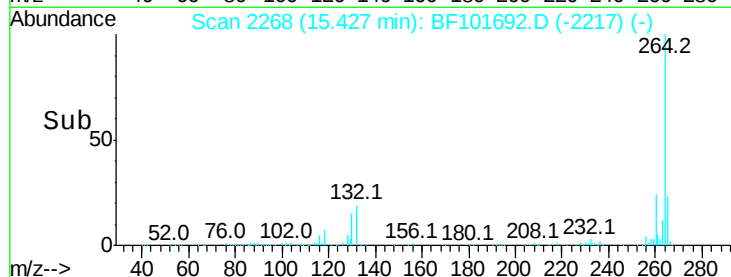
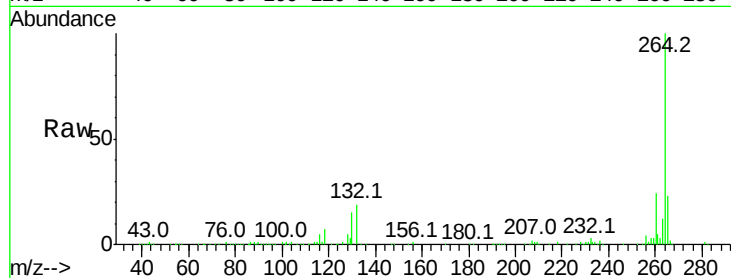
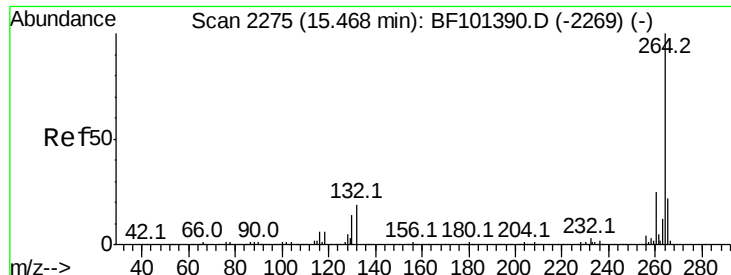


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101692.D

Acq: 23 Dec 2017 9:56

Instrument :

BNA_F

ClientSampleId :

WC-41446854-01

Tot Ion:264 Resp: 297492

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.9 17.5 26.3

