

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038770.D
 Acq On : 20 Dec 2018 20:12
 Operator : JU/SJ
 Sample : J6426-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013-3036-01

Quant Time: Dec 21 00:22:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27464	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	103559	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68406	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	149279	20.00	ng	0.00
76) Chrysene-d12	21.73	240	157788	20.00	ng	0.00
87) Perylene-d12	25.03	264	173159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	166471	107.51	ng	0.02
7) Phenol-d6	7.21	99	227045	106.81	ng	0.00
23) Nitrobenzene-d5	9.23	82	145621	71.84	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	109962	116.64	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	347778	69.75	ng	0.00
79) Terphenyl-d14	20.05	244	551381	76.05	ng	0.00

Target Compounds

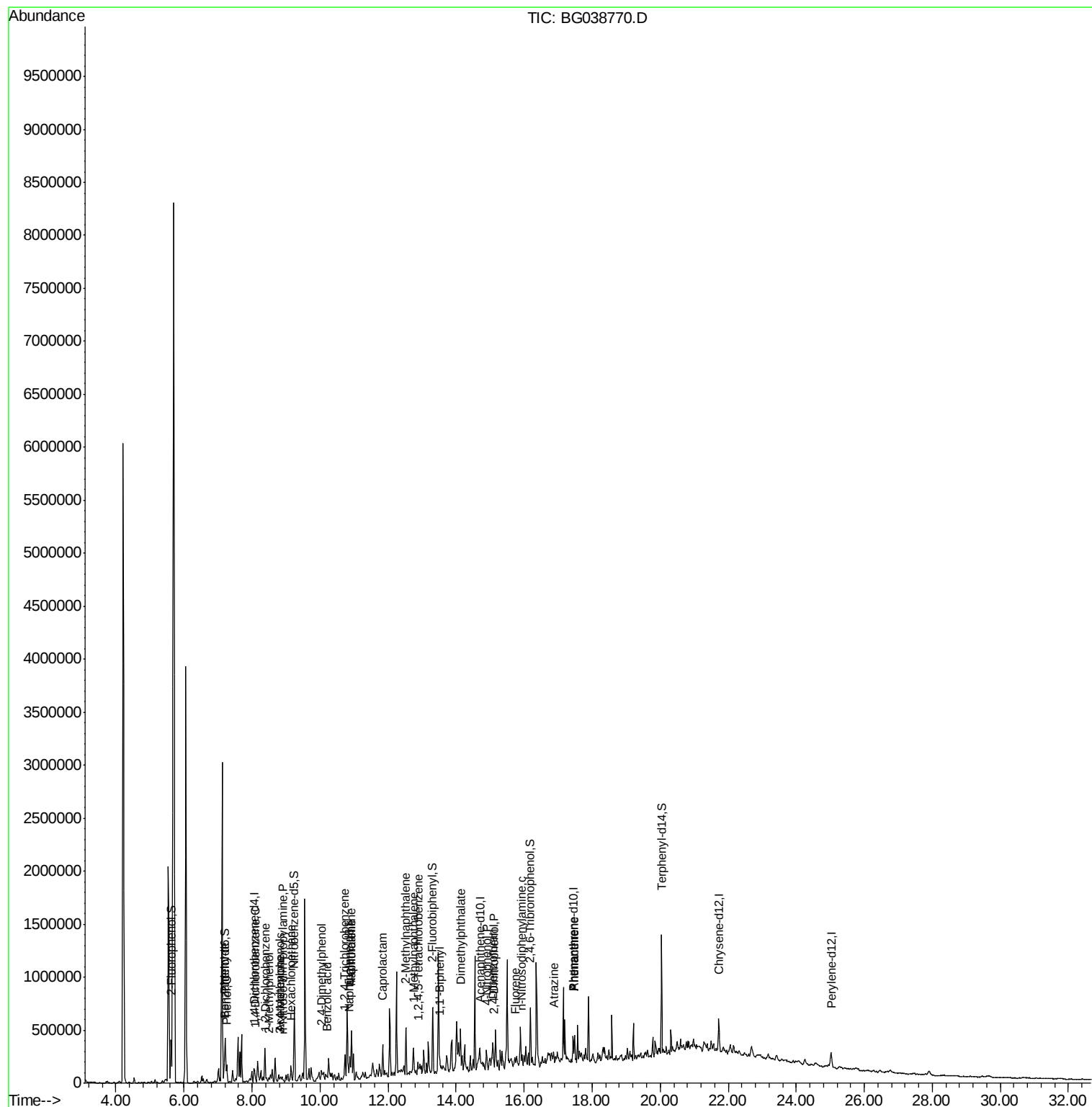
						Qvalue
9) Benzaldehyde	7.18	77	8821	6.397	ng	# 1
10) Phenol	7.24	94	24791	10.977	ng	89
13) 1,4-Dichlorobenzene	8.09	146	10550	4.862	ng	92
14) 1,2-Dichlorobenzene	8.41	146	5799	2.835	ng	94
17) 2-Methylphenol	8.50	107	11137	7.361	ng	94
18) Hexachloroethane	9.16	117	12409	15.650	ng	# 1
19) n-Nitroso-di-n-propylamine	8.91	70	3350	2.244	ng	# 61
20) 3+4-Methylphenols	8.82	107	14847	7.105	ng	93
22) Acetophenone	8.85	105	28483	11.011	ng	# 49
27) 2,4-Dimethylphenol	10.03	122	3648	2.425	ng	# 87
30) 1,2,4-Trichlorobenzene	10.73	180	67989	33.636	ng	96
31) Naphthalene	10.93	128	341900	67.007	ng	99
32) Benzoic acid	10.19	122	533	10.604	ng	# 1
33) 4-Chloroaniline	10.93	127	49787	22.475	ng	# 35
35) Caprolactam	11.85	113	10843	15.657	ng	# 26
37) 2-Methylnaphthalene	12.53	142	220611	60.605	ng	98
38) 1-Methylnaphthalene	12.75	142	121972	34.530	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	6476	2.533	ng	# 84
46) 1,1'-Biphenyl	13.53	154	46555	8.118	ng	96
50) Dimethylphthalate	14.14	163	27651	4.950	ng	# 96
54) 2,4-Dinitrophenol	15.11	184	475	5.771	ng	# 1
55) Dibenzofuran	15.09	168	15974	2.353	ng	# 53
56) 4-Nitrophenol	14.89	139	8778	8.966	ng	# 46
58) Fluorene	15.74	166	18736	3.726	ng	# 95
66) n-Nitrosodiphenylamine	15.94	169	27951	6.373	ng	# 37
69) Atrazine	16.87	200	7378	4.533	ng	# 52
71) Phenanthrene	17.48	178	97783	12.632	ng	97
72) Anthracene	17.48	178	97783	12.795	ng	96

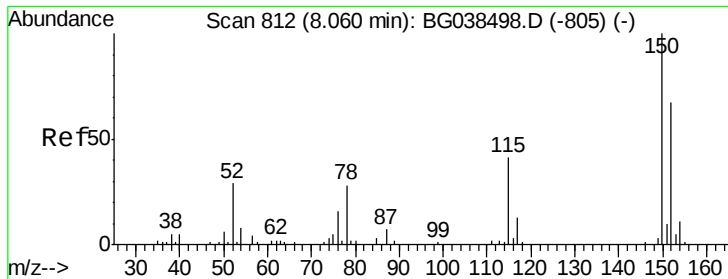
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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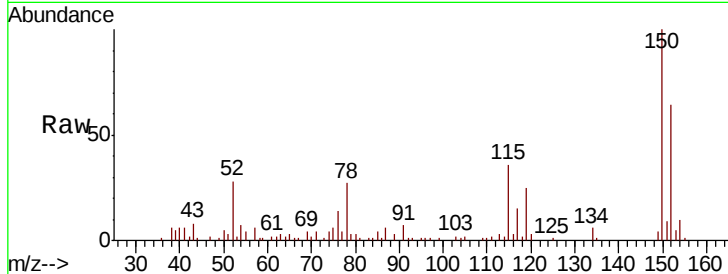


#1

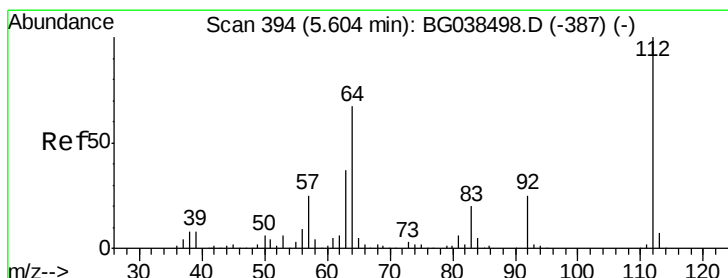
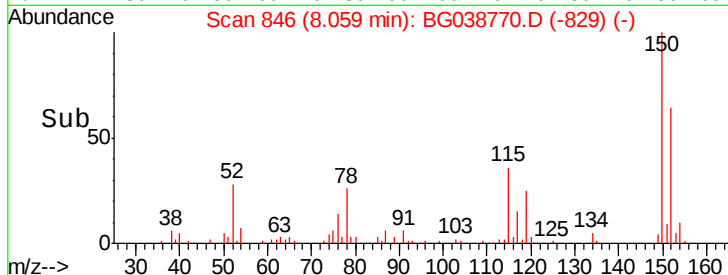
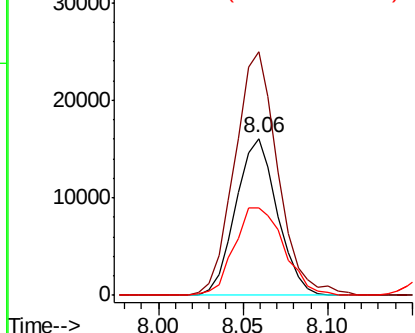
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038770.D
 Acq: 20 Dec 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013-3036-01

Tgt Ion:152 Resp: 27464
 Ion Ratio Lower Upper
 152 100
 150 155.5 119.5 179.3
 115 55.8 49.6 74.4



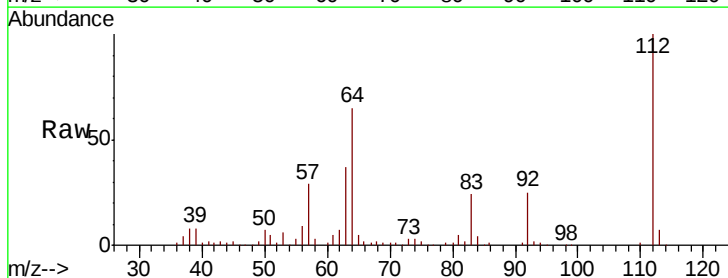
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



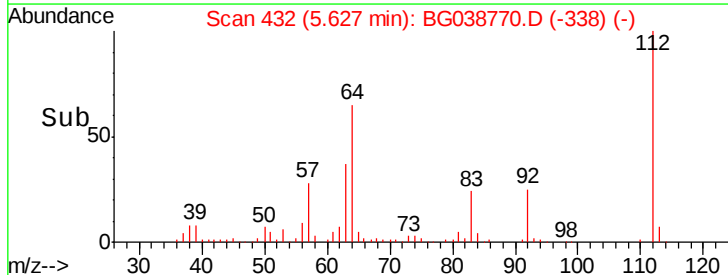
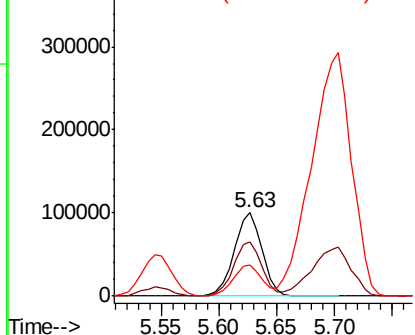
#5

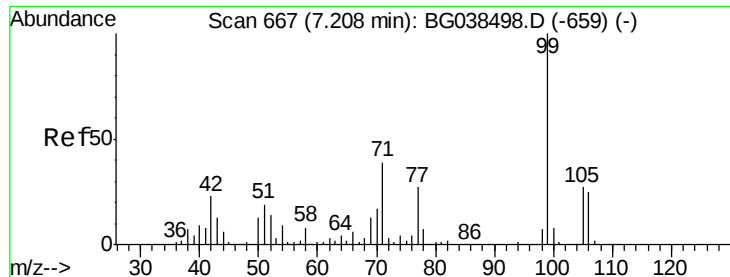
2-Fluorophenol
 Concen: 107.509 ng
 RT: 5.63 min Scan# 432
 Delta R.T. 0.02 min
 Lab File: BG038770.D
 Acq: 20 Dec 2018 20:12

Tgt Ion:112 Resp: 166471
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.4 80.2
 63 37.2 29.3 43.9



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





#7

Phenol-d6

Concen: 106.809 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

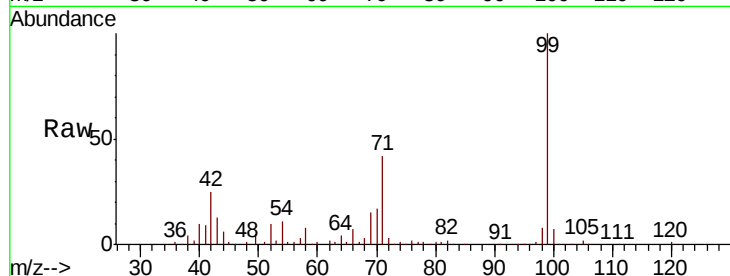
Tgt Ion: 99 Resp: 227045

Ion Ratio Lower Upper

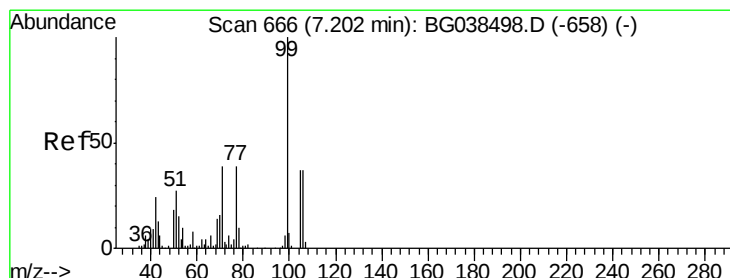
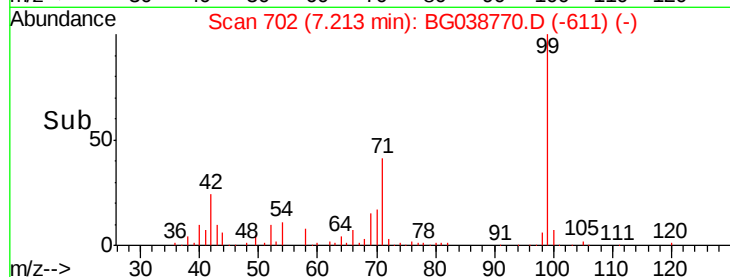
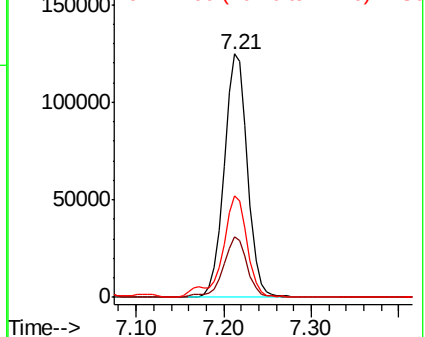
99 100

42 24.9 18.5 27.7

71 41.9 31.1 46.7



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



#9

Benzaldehyde

Concen: 6.397 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

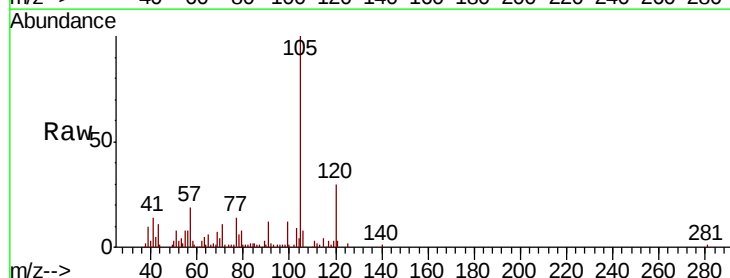
Tgt Ion: 77 Resp: 8821

Ion Ratio Lower Upper

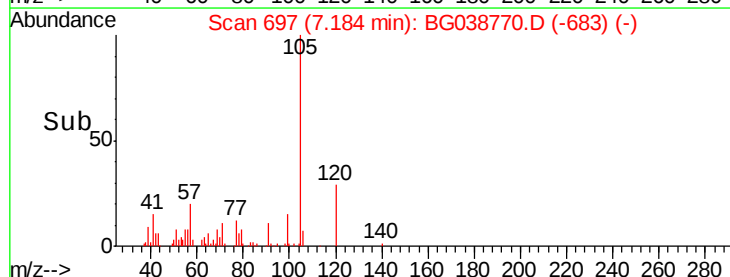
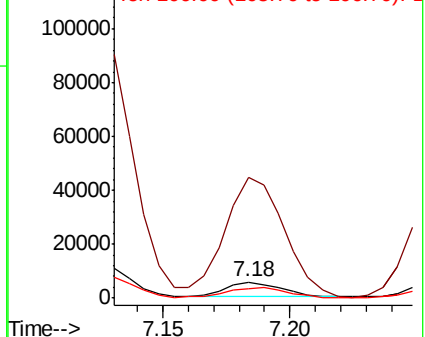
77 100

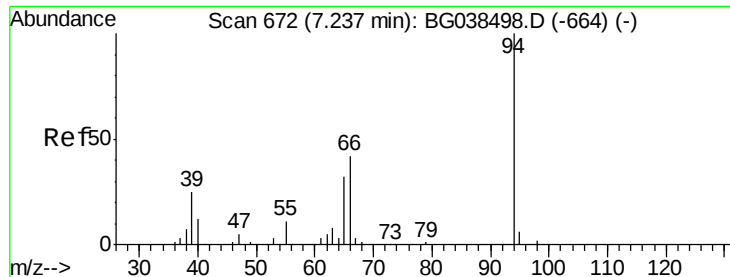
105 739.7 74.0 114.0#

106 58.9 73.9 113.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 10.977 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

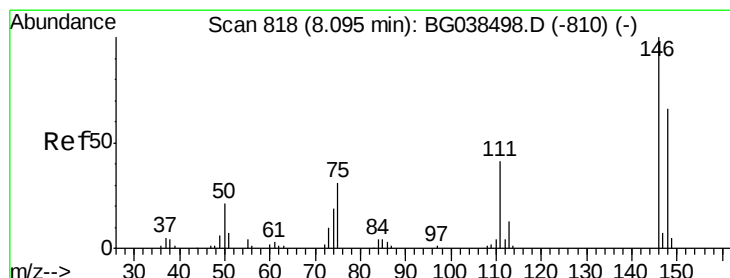
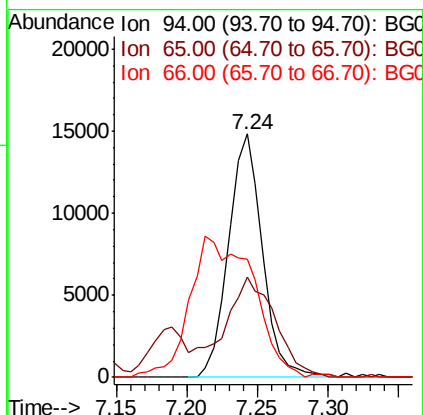
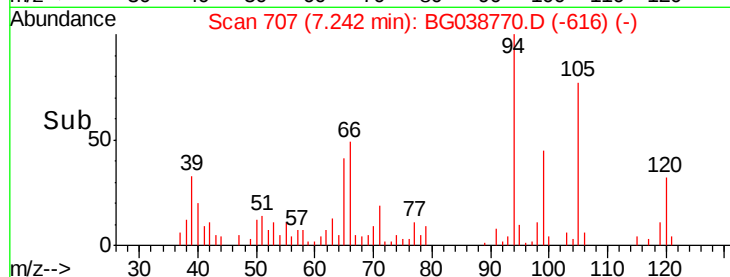
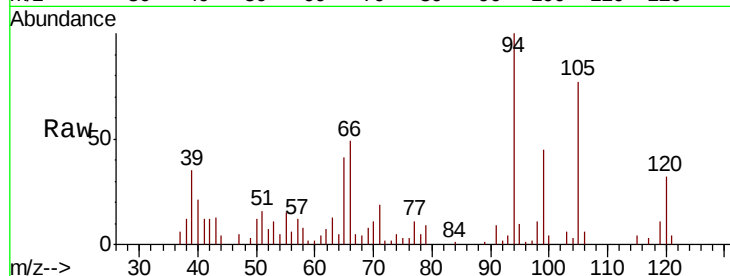
Tgt Ion: 94 Resp: 24791

Ion Ratio Lower Upper

94 100

65 41.3 12.6 52.6

66 48.6 24.1 64.1



#13

1,4-Dichlorobenzene

Concen: 4.862 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

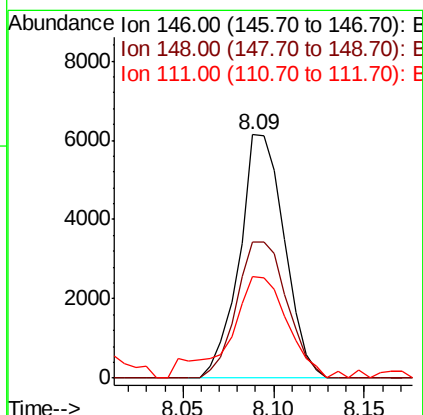
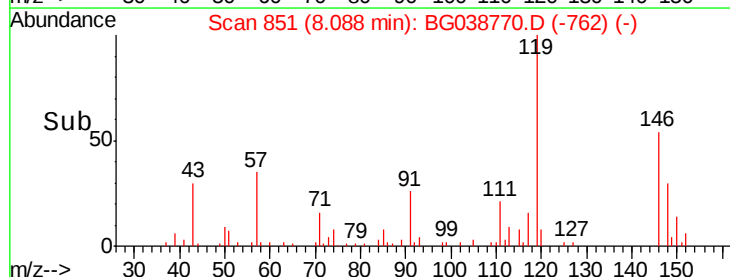
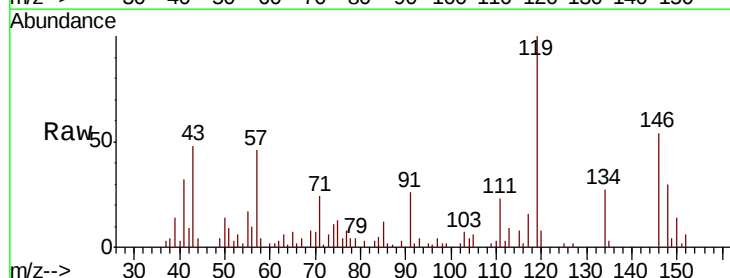
Tgt Ion: 146 Resp: 10550

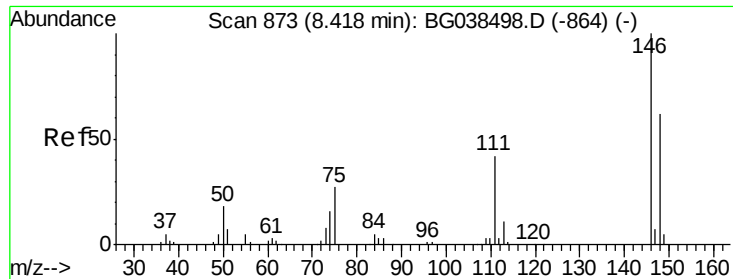
Ion Ratio Lower Upper

146 100

148 55.6 52.4 78.6

111 41.7 33.0 49.4





#14

1,2-Dichlorobenzene

Concen: 2.835 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

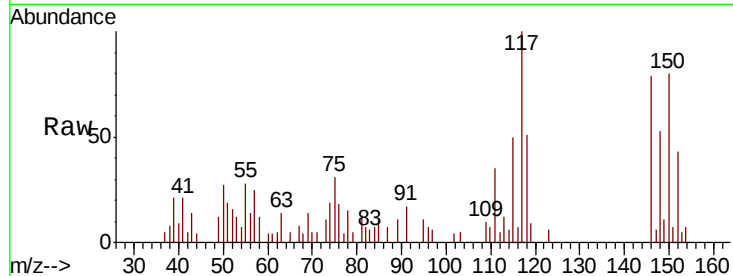
Tgt Ion:146 Resp: 5799

Ion Ratio Lower Upper

146 100

148 66.9 49.4 74.0

111 44.6 33.8 50.6

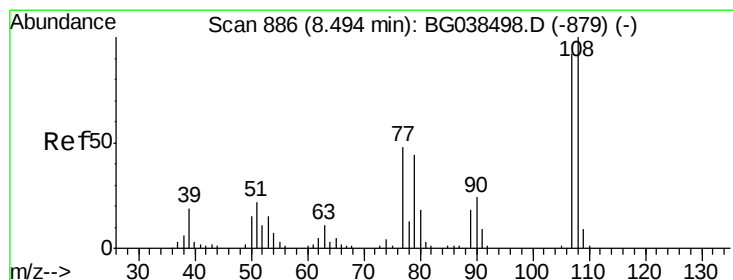
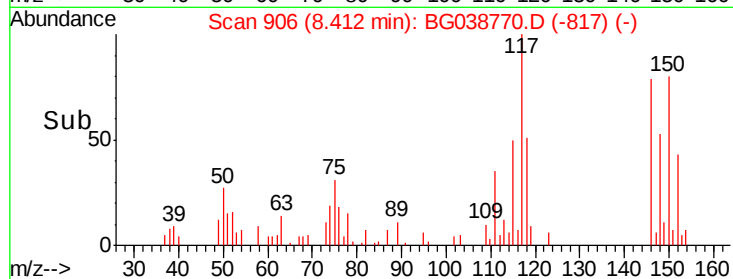
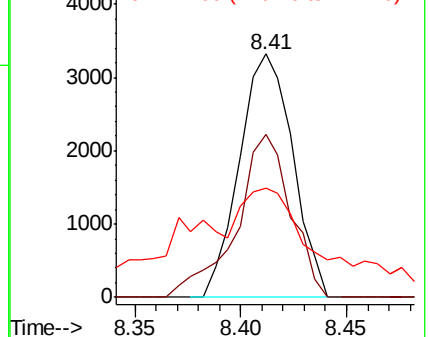


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#17

2-Methylphenol

Concen: 7.361 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Tgt Ion:107 Resp: 11137

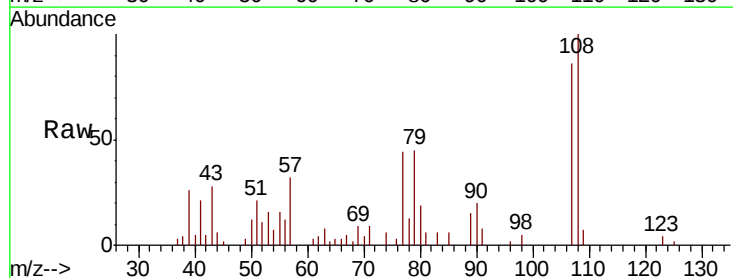
Ion Ratio Lower Upper

107 100

108 116.8 87.1 130.7

77 51.8 42.0 63.0

79 52.9 38.2 57.2



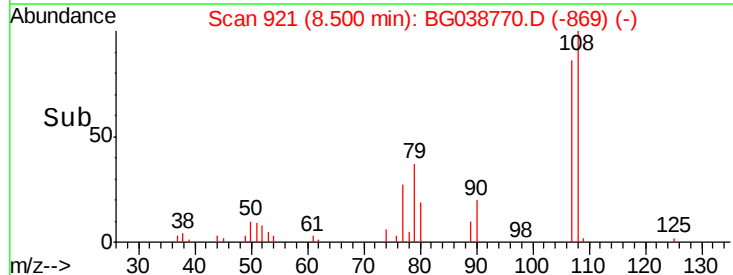
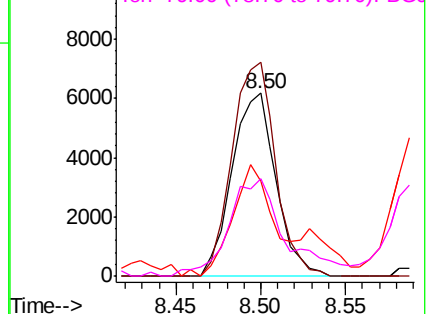
Abundance

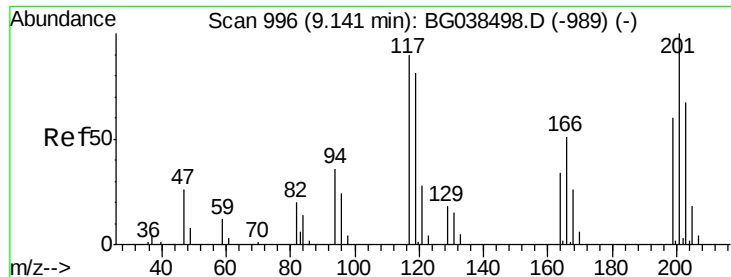
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

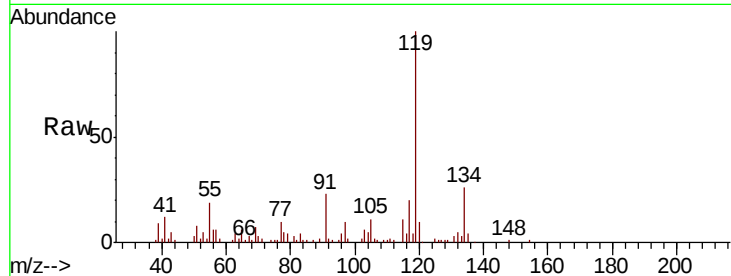




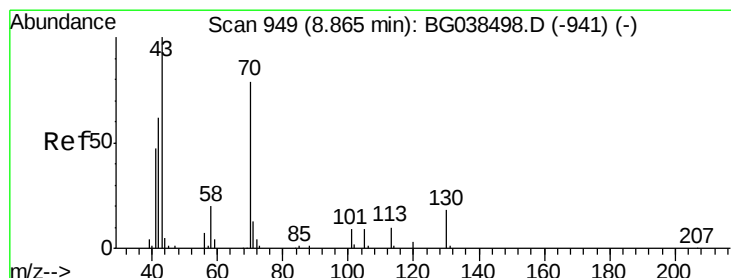
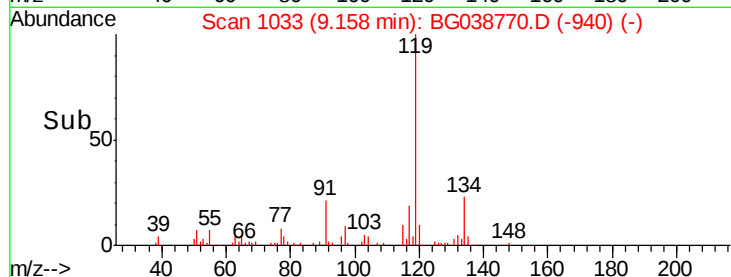
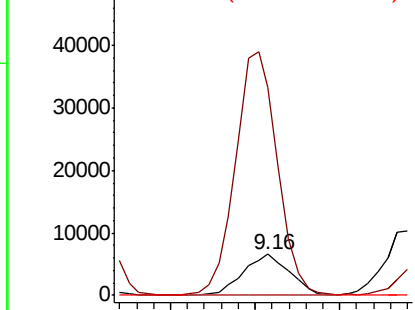
#18
Hexachloroethane
Concen: 15.650 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Instrument :
BNA_G
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P001-SS013-3036-01

Tgt Ion: 117 Resp: 12409
Ion Ratio Lower Upper
117 100
119 504.2 73.8 110.8#
201 0.0 89.4 134.0#

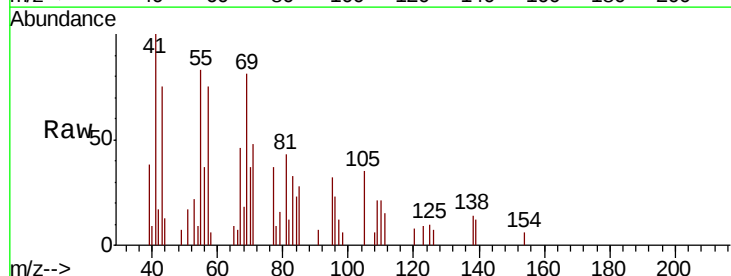


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

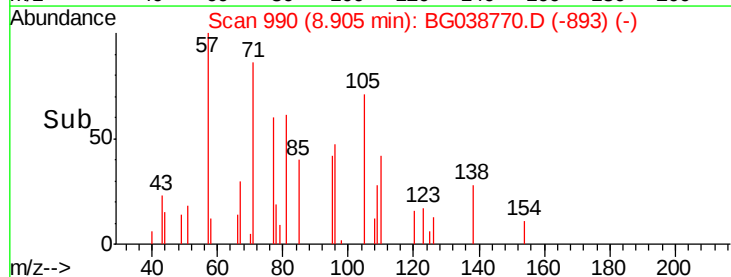
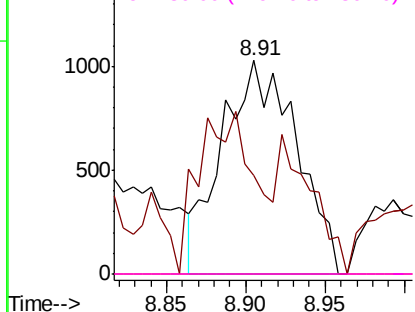


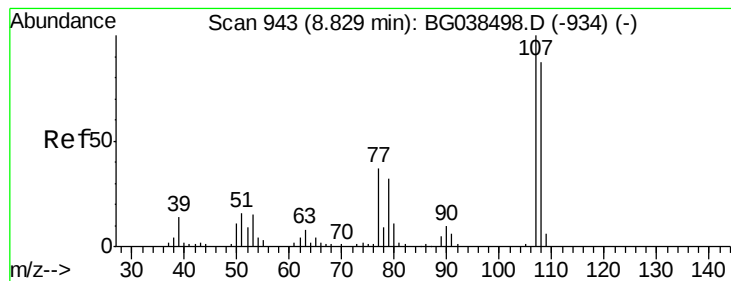
#19
n-Nitroso-di-n-propylamine
Concen: 2.244 ng
RT: 8.91 min Scan# 990
Delta R.T. 0.04 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Tgt Ion: 70 Resp: 3350
Ion Ratio Lower Upper
70 100
42 46.4 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



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





#20

3+4-Methylphenols

Concen: 7.105 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

Tgt Ion:107 Resp: 14847

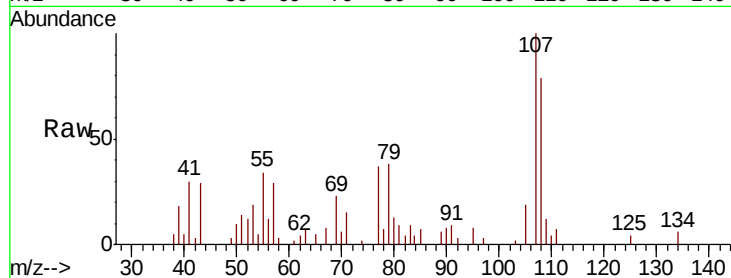
Ion Ratio Lower Upper

107 100

108 78.8 66.7 106.7

77 37.2 17.3 57.3

79 38.1 12.3 52.3



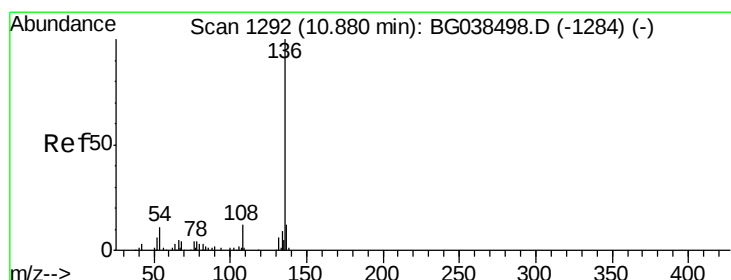
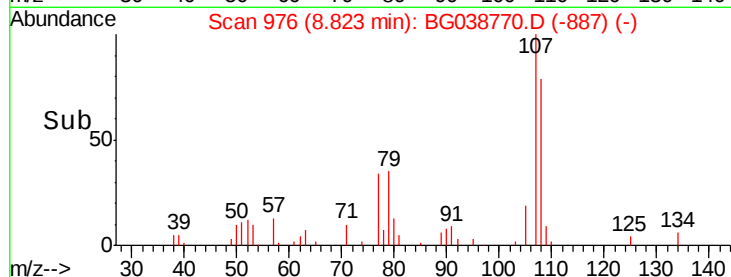
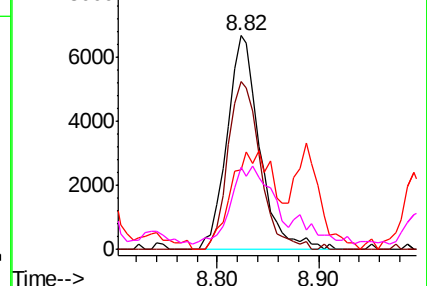
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Tgt Ion:136 Resp: 103559

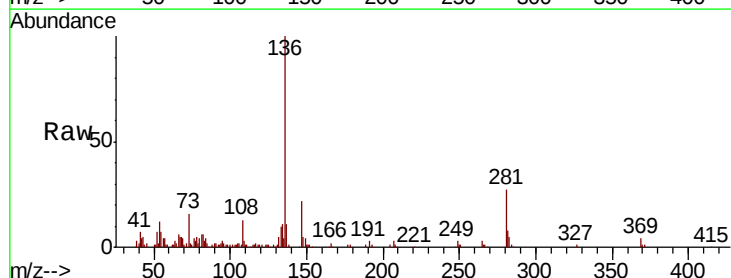
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 11.8 8.5 12.7

68 5.2 3.5 5.3



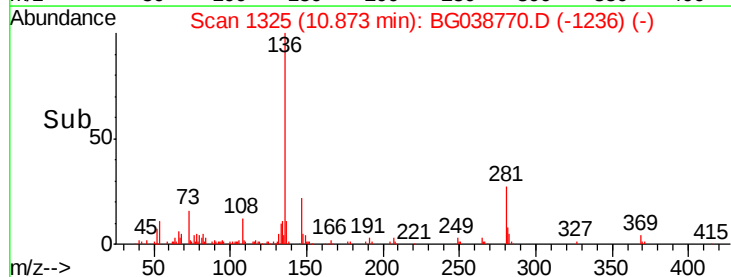
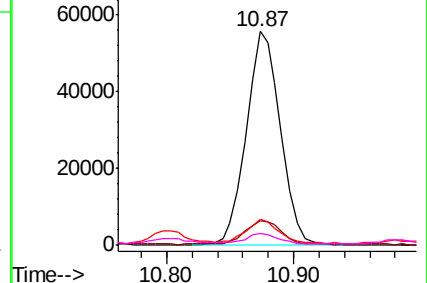
Abundance

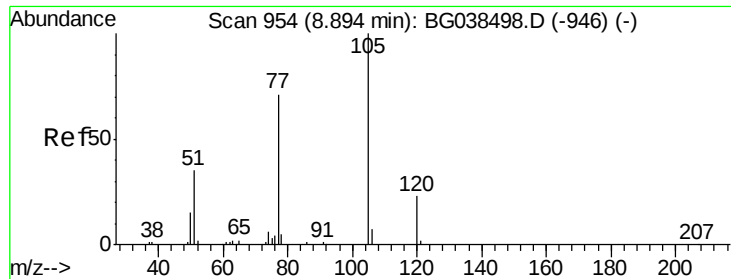
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 11.011 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.05 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

Tgt Ion: 105 Resp: 28483

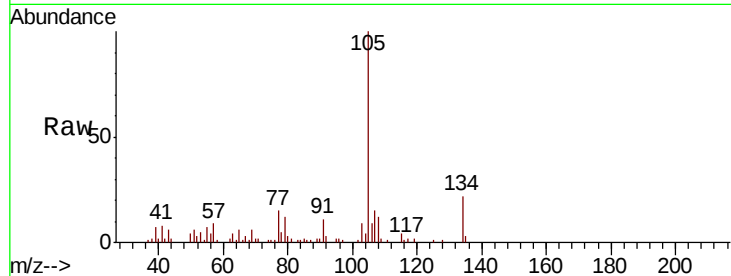
Ion Ratio Lower Upper

105 100

71 1.9 0.4 0.6#

51 6.0 30.6 46.0#

120 0.0 18.6 28.0#

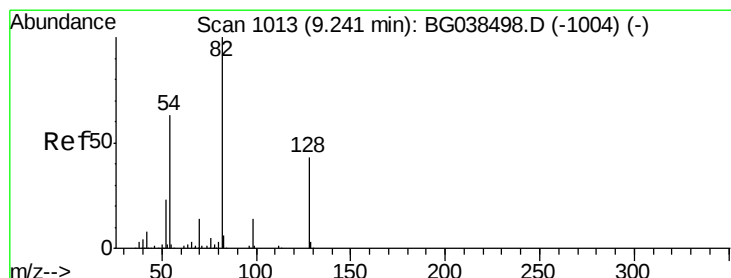
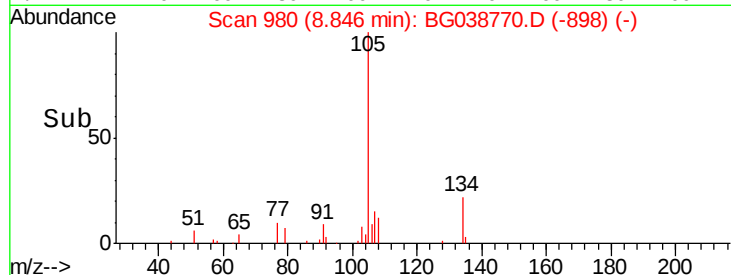
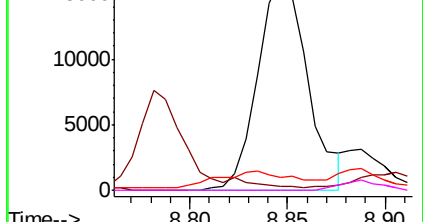


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 71.837 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

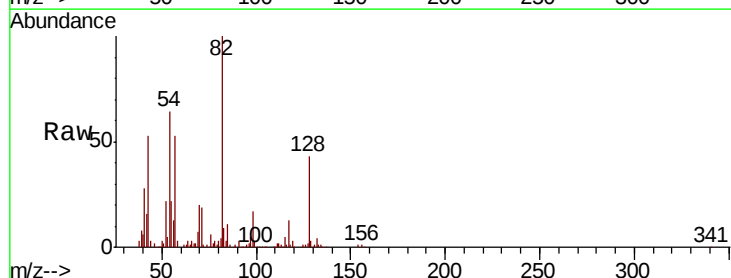
Tgt Ion: 82 Resp: 145621

Ion Ratio Lower Upper

82 100

128 43.0 34.6 52.0

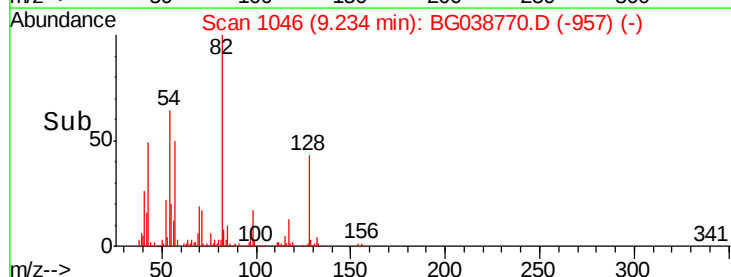
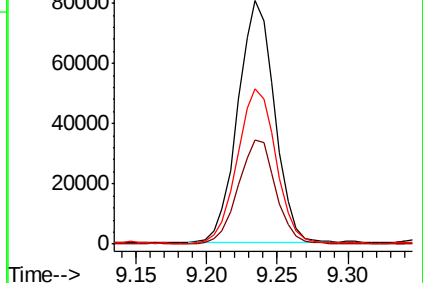
54 63.8 50.6 76.0

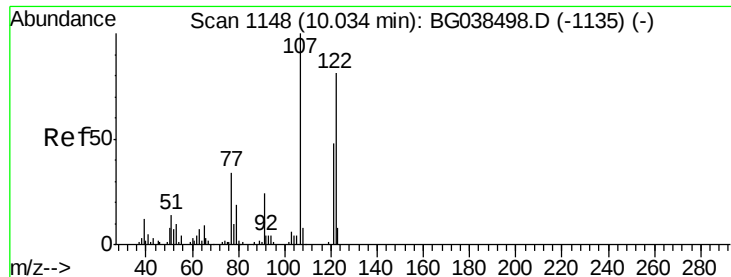


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

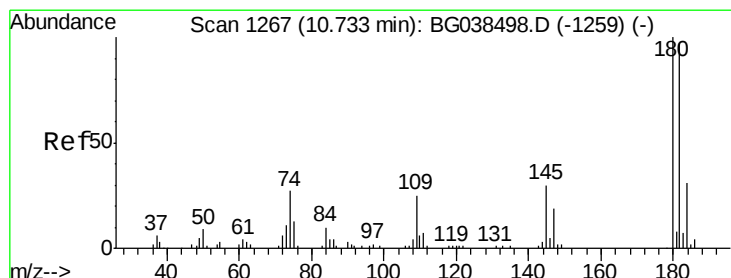
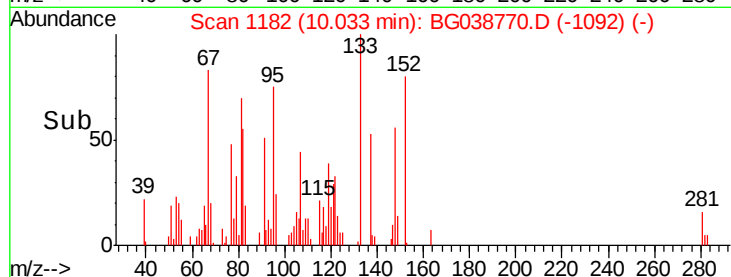
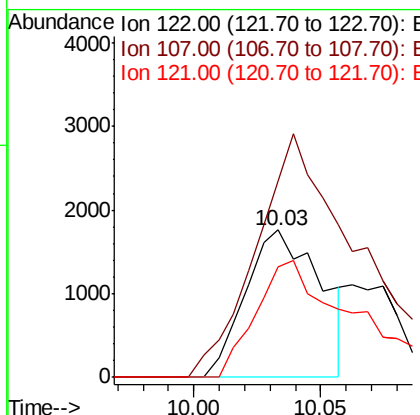
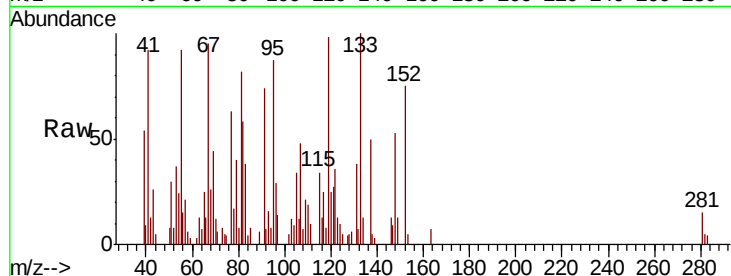




#27
 2,4-Dimethylphenol
 Concen: 2.425 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038770.D
 Acq: 20 Dec 2018 20:12

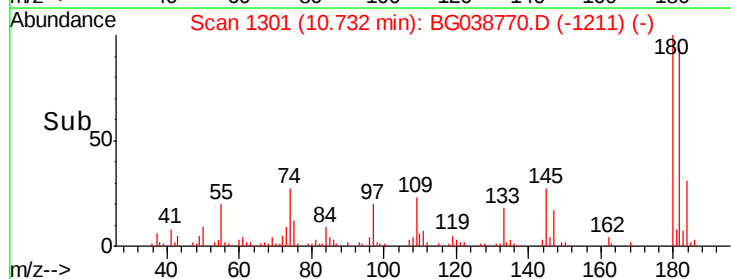
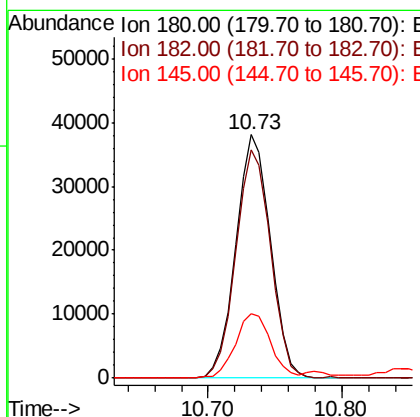
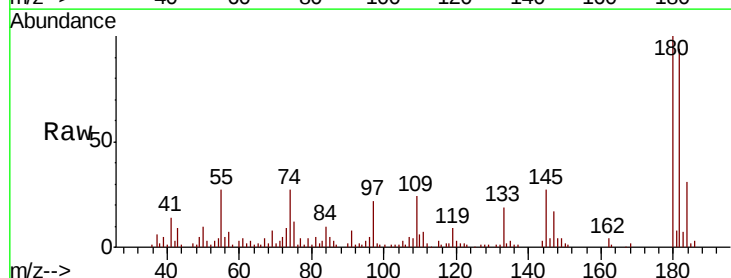
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013-3036-01

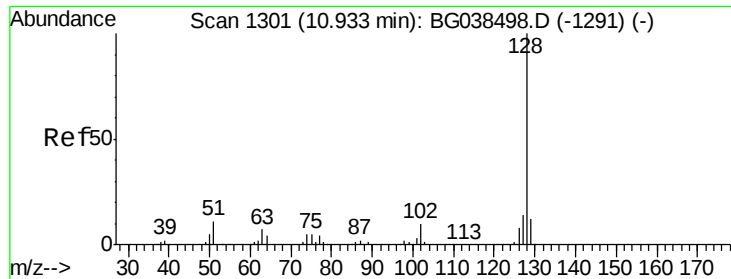
Tgt Ion:122 Resp: 3648
 Ion Ratio Lower Upper
 122 100
 107 133.8 98.4 147.6
 121 75.2 47.2 70.8#



#30
 1,2,4-Trichlorobenzene
 Concen: 33.636 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038770.D
 Acq: 20 Dec 2018 20:12

Tgt Ion:180 Resp: 67989
 Ion Ratio Lower Upper
 180 100
 182 93.6 77.4 116.0
 145 26.7 24.1 36.1

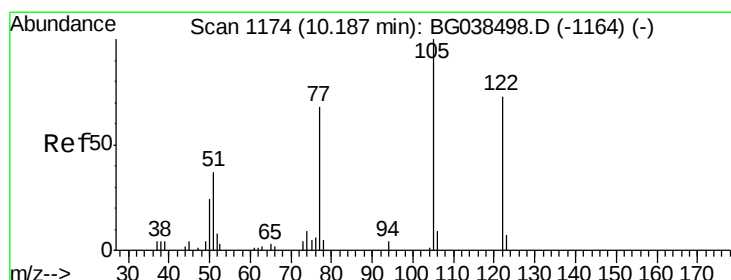
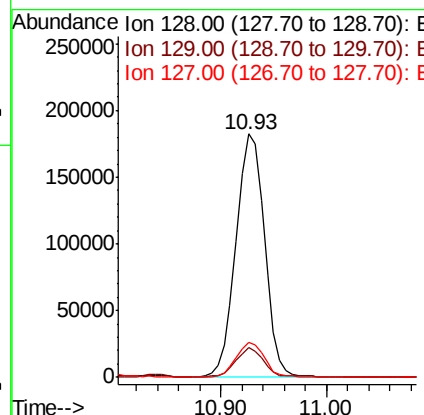
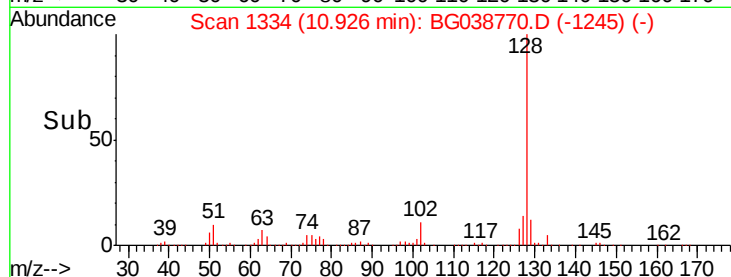
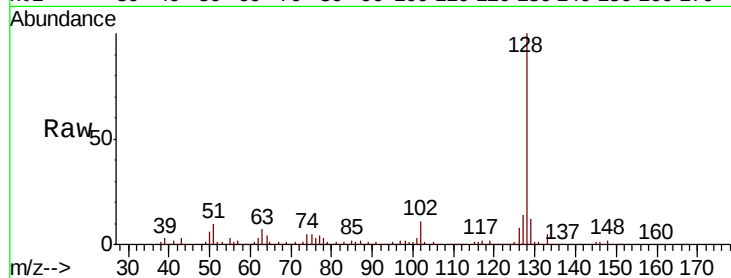




#31
Naphthalene
Concen: 67.007 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

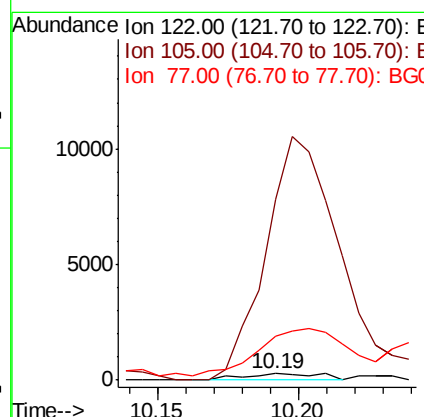
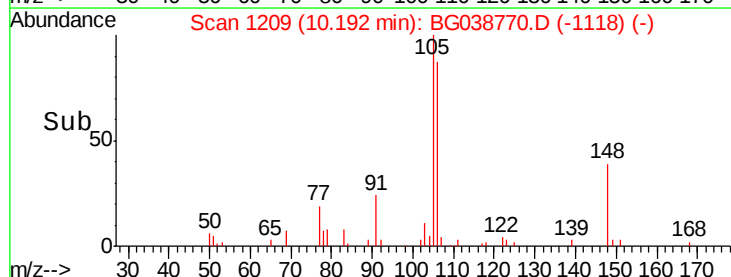
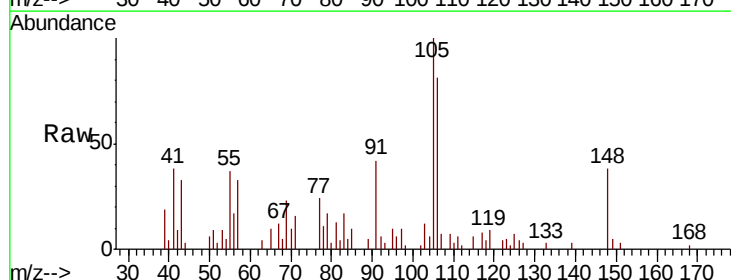
Instrument :
BNA_G
ClientSampleId :
P001-SS013-3036-01

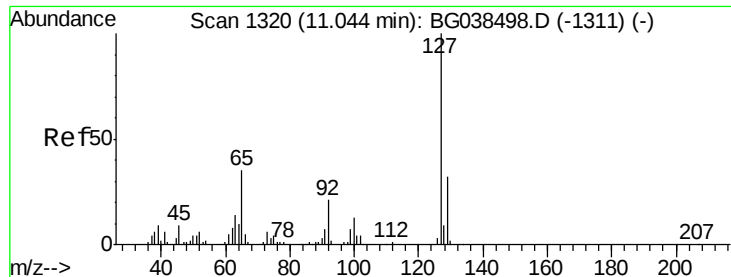
Tgt Ion:128 Resp: 341900
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.2 10.9 16.3



#32
Benzoic acid
Concen: 10.604 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Tgt Ion:122 Resp: 533
Ion Ratio Lower Upper
122 100
105 2793.2 116.7 156.7#
77 673.0 72.5 112.5#

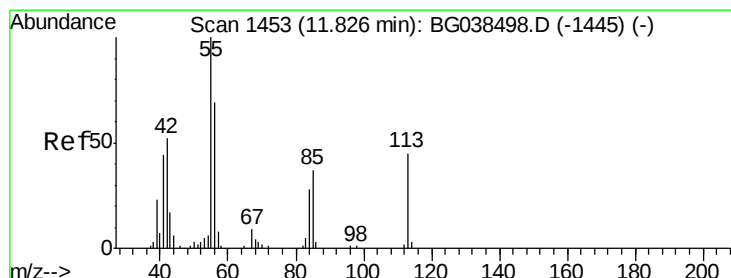
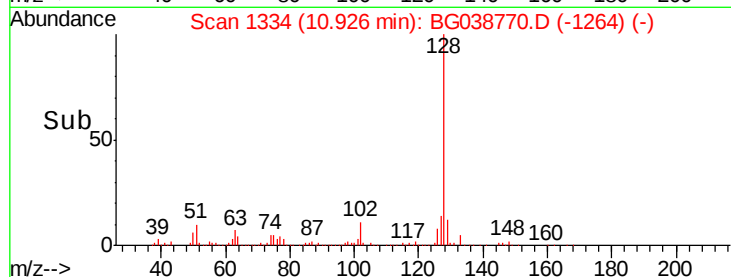
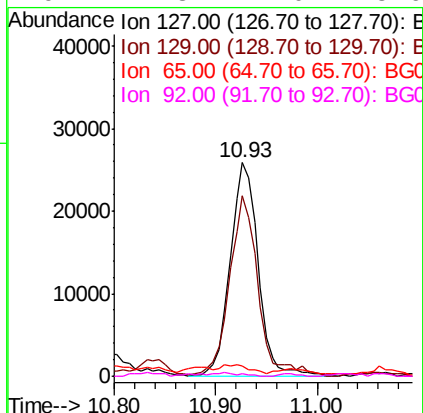
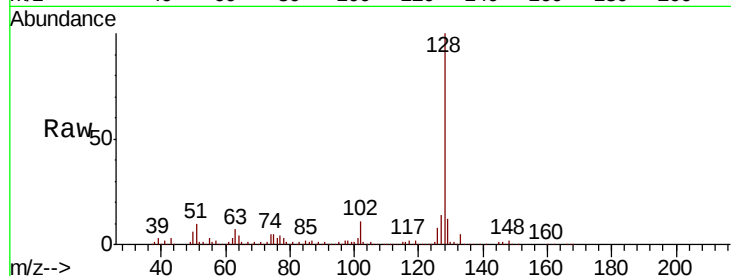




#33
4-Chloroaniline
Concen: 22.475 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.12 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

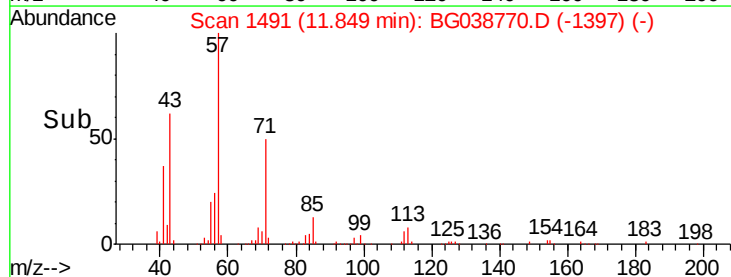
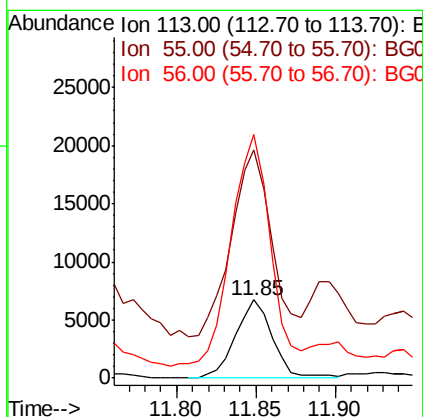
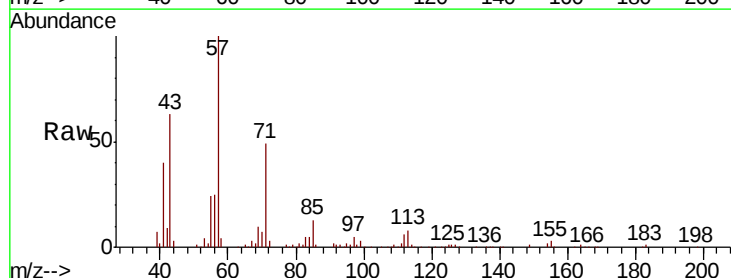
Instrument :
BNA_G
ClientSampleId :
P001-SS013-3036-01

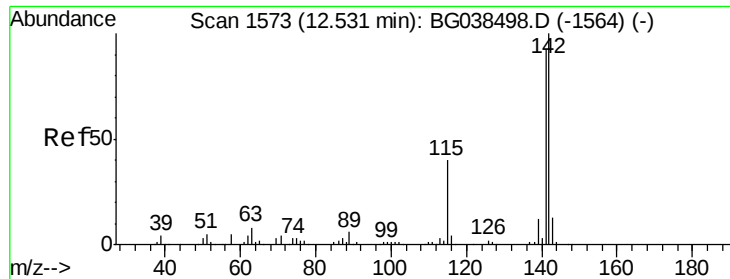
Tgt Ion:	127	Resp:	49787
Ion	Ratio	Lower	Upper
127	100		
129	84.7	25.8	38.8#
65	4.7	27.8	41.6#
92	1.3	17.0	25.6#



#35
Caprolactam
Concen: 15.657 ng
RT: 11.85 min Scan# 1491
Delta R.T. 0.02 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Tgt Ion:	113	Resp:	10843
Ion	Ratio	Lower	Upper
113	100		
55	291.7	204.3	244.3#
56	311.0	135.0	175.0#

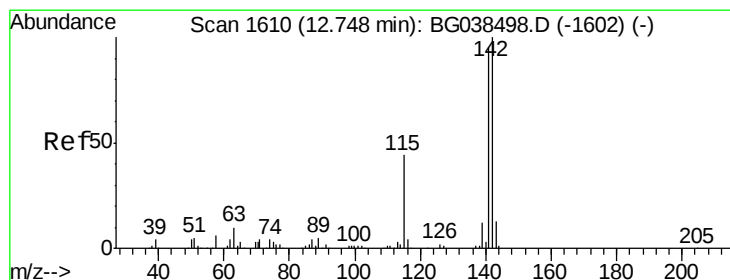
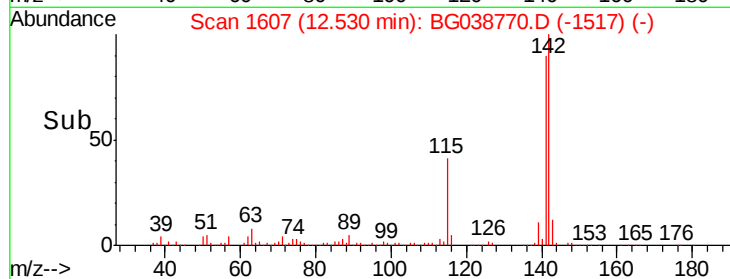
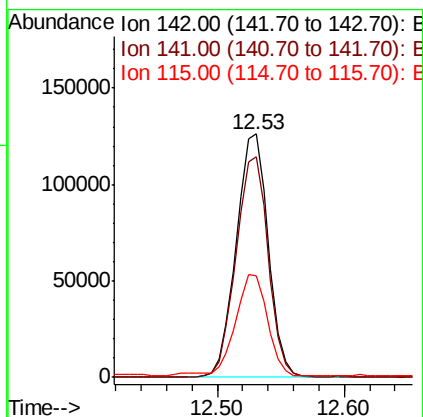
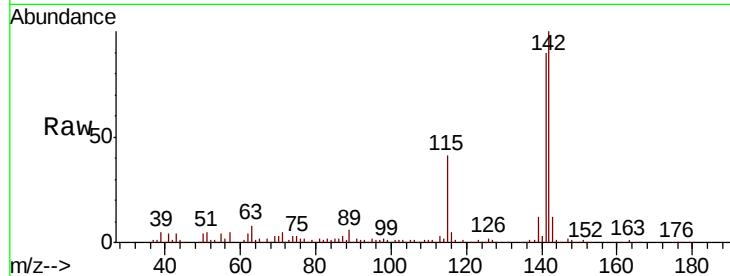




#37
2-Methylnaphthalene
Concen: 60.605 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

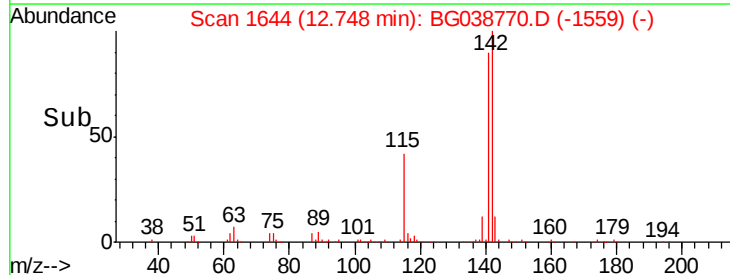
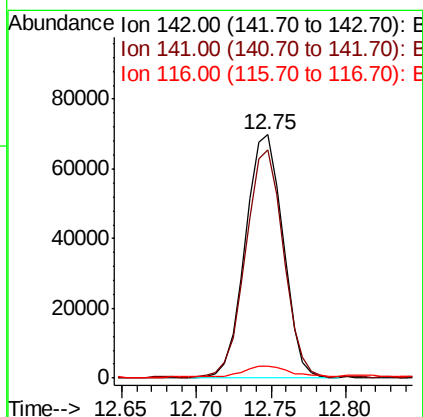
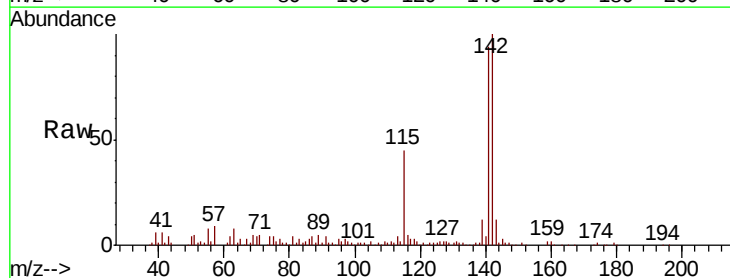
Instrument :
BNA_G
ClientSampleId :
P001-SS013-3036-01

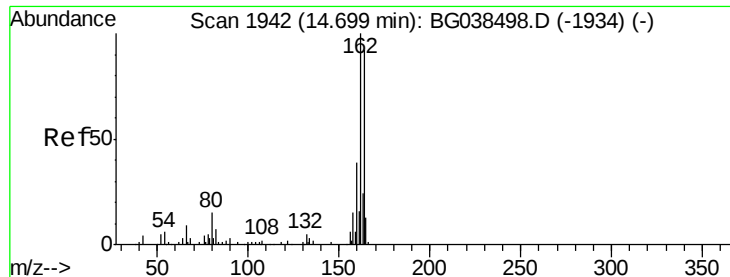
Tgt Ion:142 Resp: 220611
Ion Ratio Lower Upper
142 100
141 90.5 73.5 110.3
115 41.4 31.7 47.5



#38
1-Methylnaphthalene
Concen: 34.530 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Tgt Ion:142 Resp: 121972
Ion Ratio Lower Upper
142 100
141 93.5 75.8 113.8
116 5.1 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

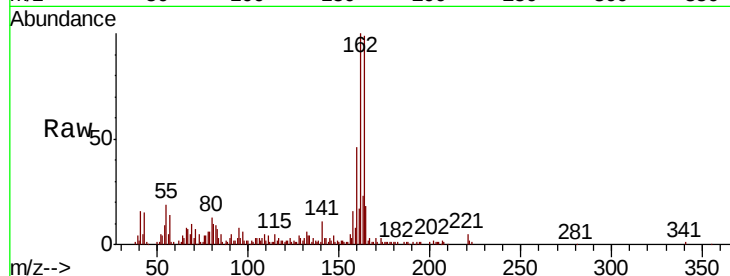
Tgt Ion:164 Resp: 68406

Ion Ratio Lower Upper

164 100

162 101.4 86.6 130.0

160 46.2 34.2 51.2

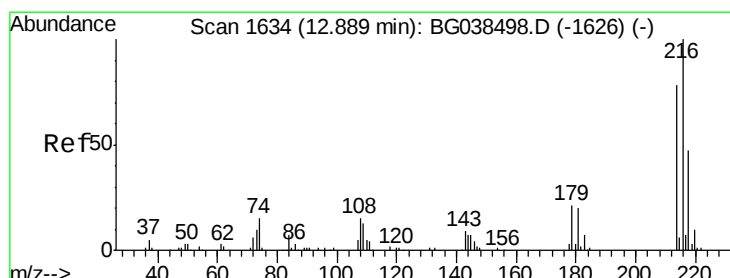
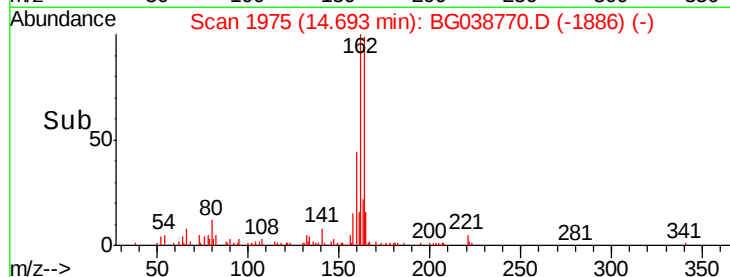
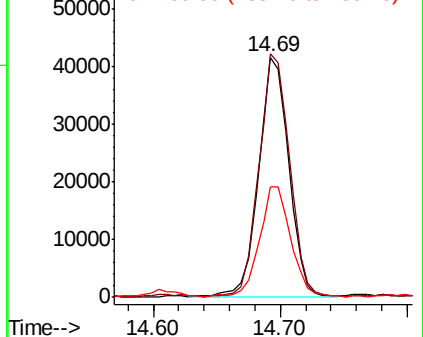


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.533 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Tgt Ion:216 Resp: 6476

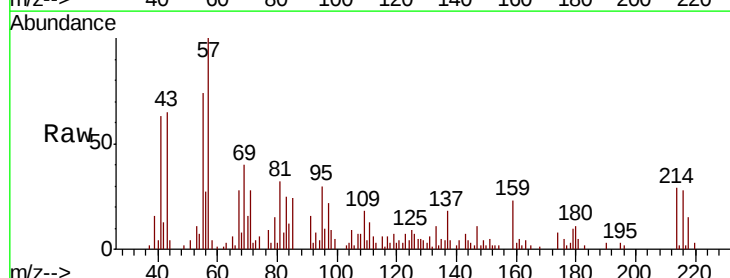
Ion Ratio Lower Upper

216 100

214 90.3 64.1 96.1

179 40.4 16.4 24.6#

108 19.1 13.9 20.9



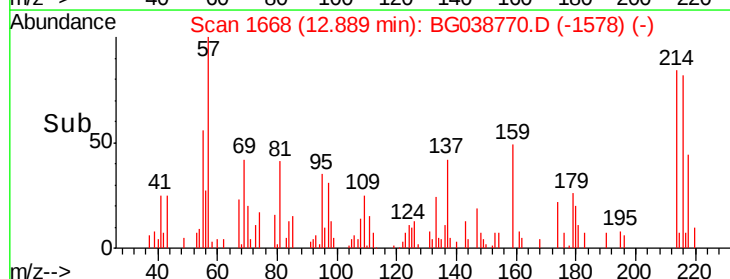
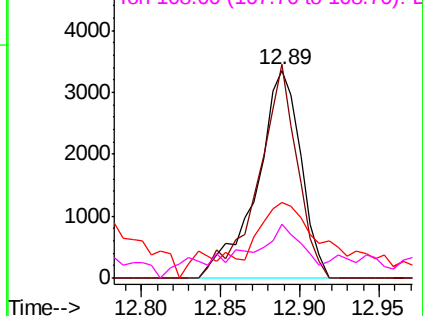
Abundance

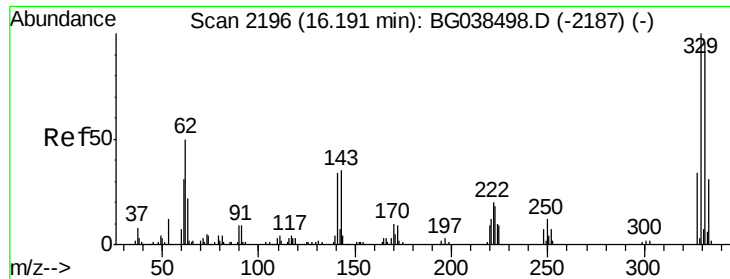
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#42

2,4,6-Tribromophenol

Concen: 116.639 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

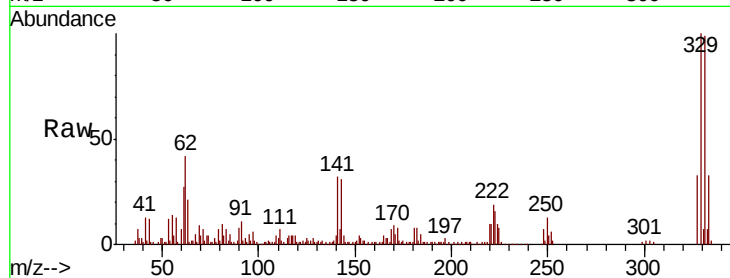
Tgt Ion:330 Resp: 109962

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

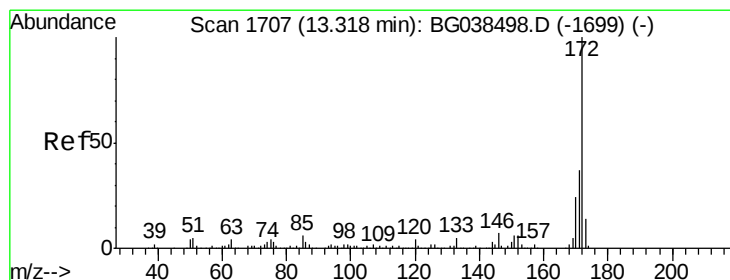
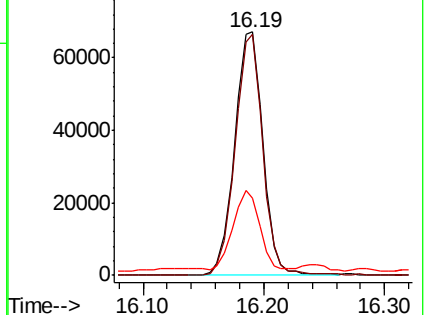
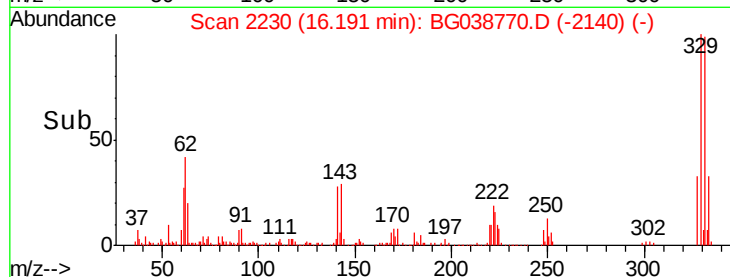
141 31.5 28.8 43.2



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



#45

2-Fluorobiphenyl

Concen: 69.745 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

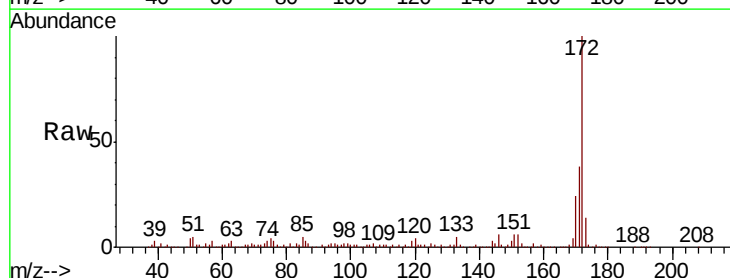
Tgt Ion:172 Resp: 347778

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

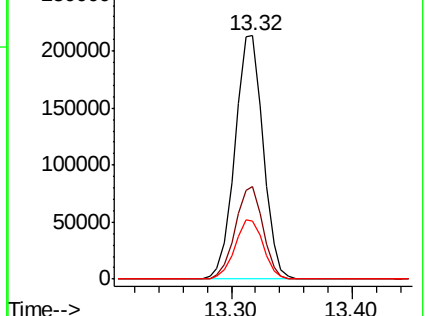
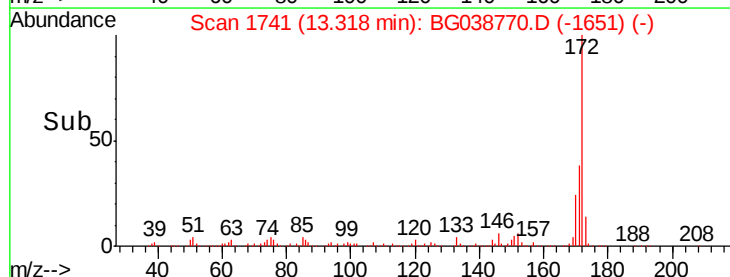
170 23.9 19.5 29.3

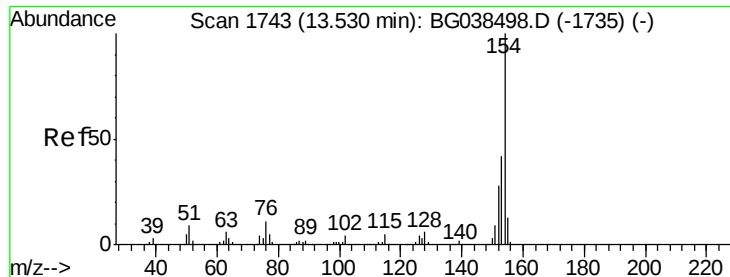


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

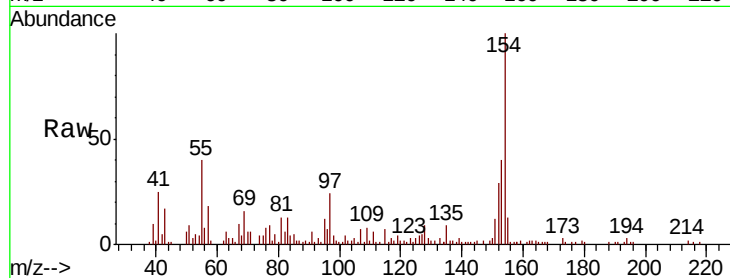




#46
 1,1'-Biphenyl
 Concen: 8.118 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038770.D
 Acq: 20 Dec 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013-3036-01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	22.1	62.1
76	7.6	0.0	31.2

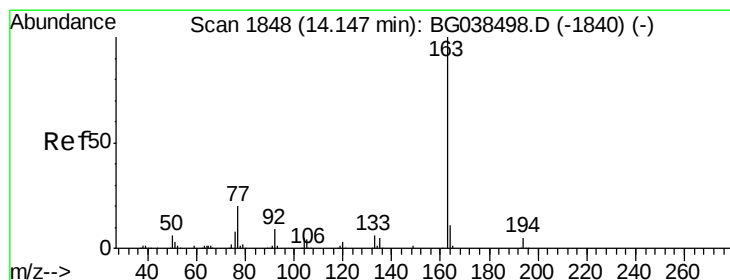
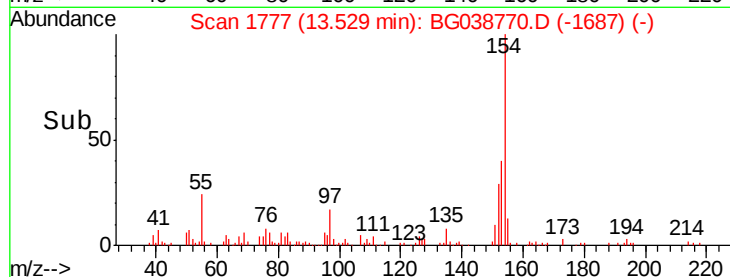
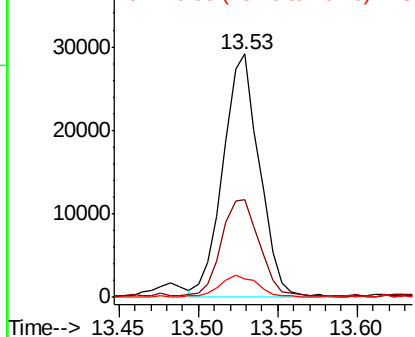


Abundance

Ion 154.00 (153.70 to 154.70): E

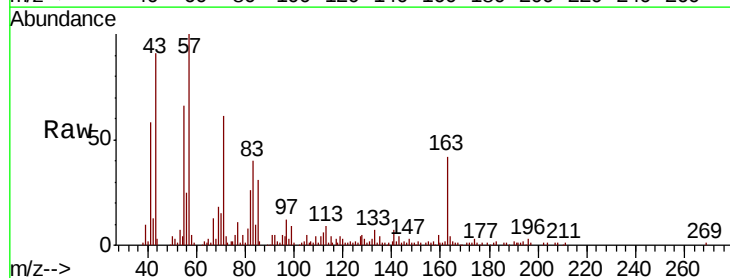
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#50
 Dimethylphthalate
 Concen: 4.950 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038770.D
 Acq: 20 Dec 2018 20:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.7	5.5#
164	9.0	8.6	12.8

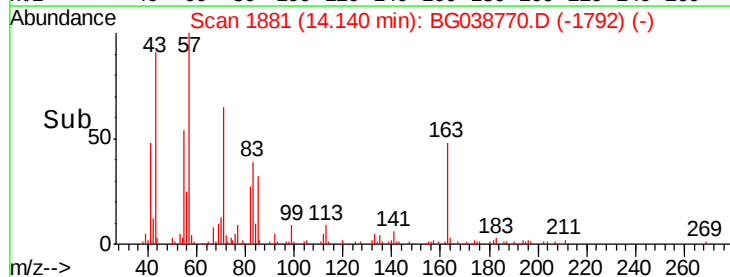
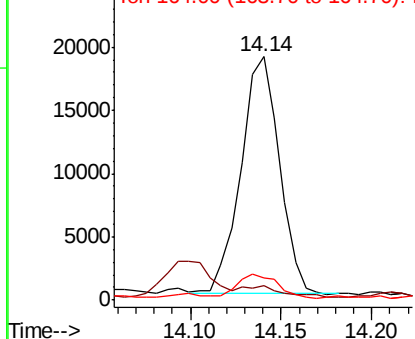


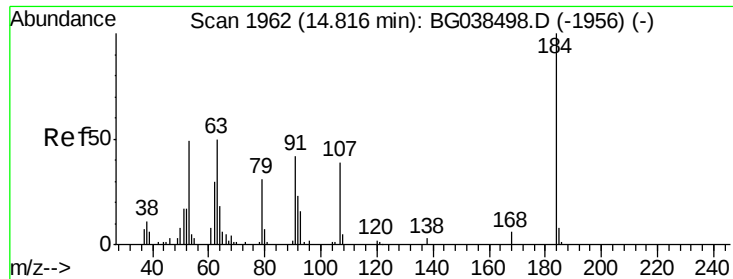
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

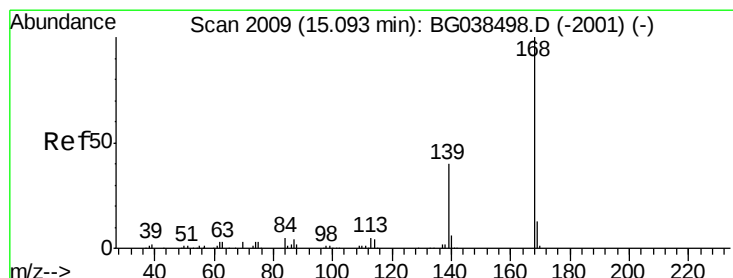
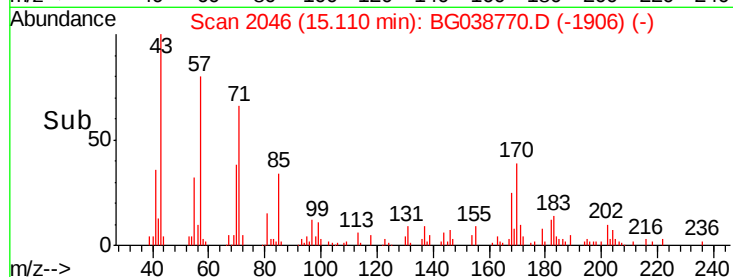
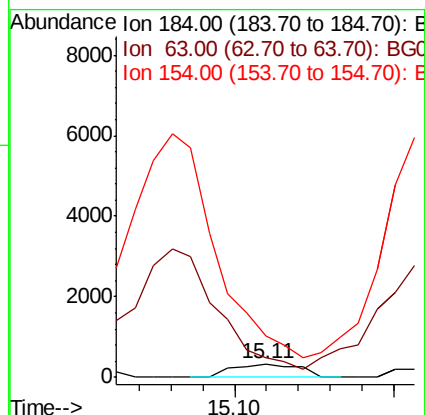
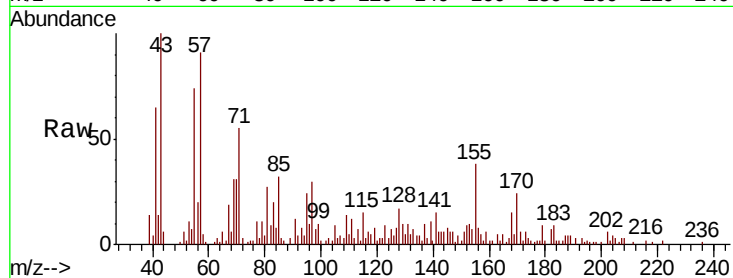




#54
2,4-Dinitrophenol
Concen: 5.771 ng
RT: 15.11 min Scan# 2046
Delta R.T. 0.29 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

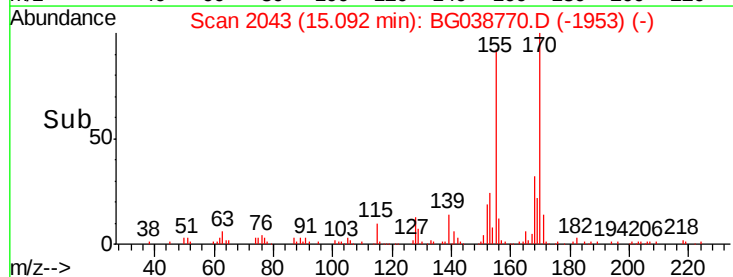
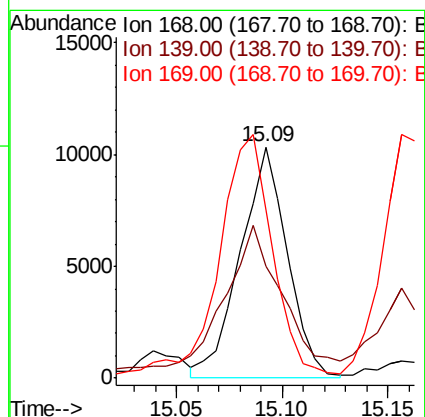
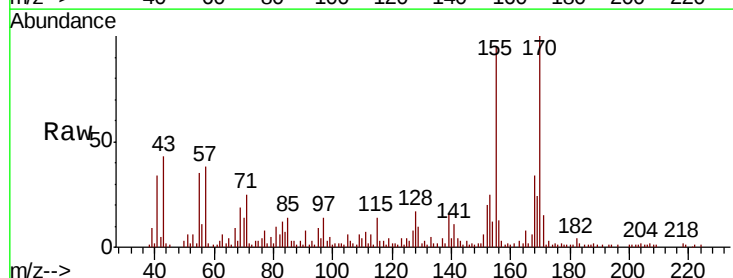
Instrument :
BNA_G
ClientSampleId :
P001-SS013-3036-01

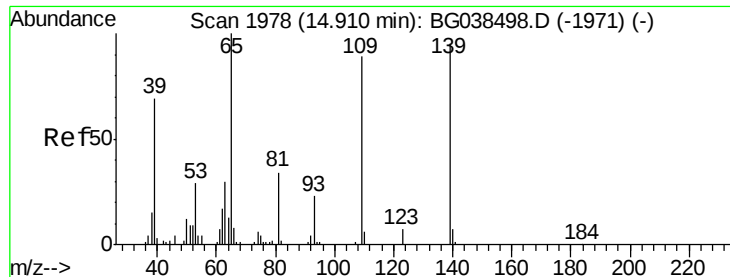
Tgt Ion:184 Resp: 475
Ion Ratio Lower Upper
184 100
63 143.5 47.0 70.6#
154 310.9 50.3 75.5#



#55
Dibenzofuran
Concen: 2.353 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Tgt Ion:168 Resp: 15974
Ion Ratio Lower Upper
168 100
139 48.5 32.2 48.2#
169 72.5 10.6 16.0#





#56

4-Nitrophenol

Concen: 8.966 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

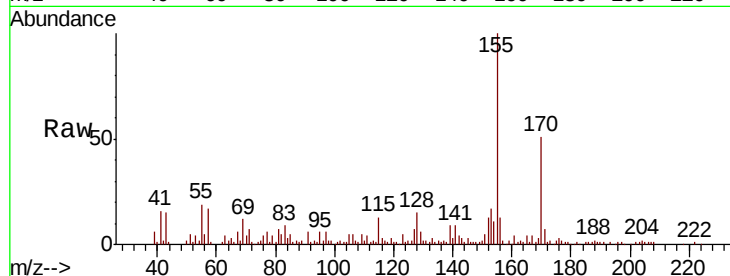
Tgt Ion:139 Resp: 8778

Ion Ratio Lower Upper

139 100

109 55.5 73.6 113.6#

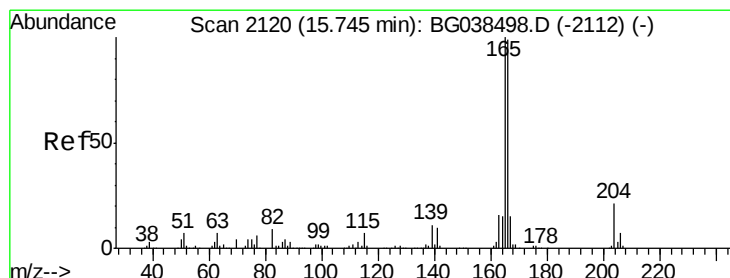
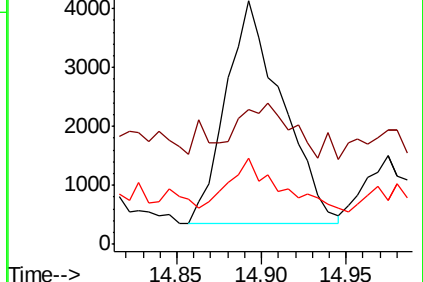
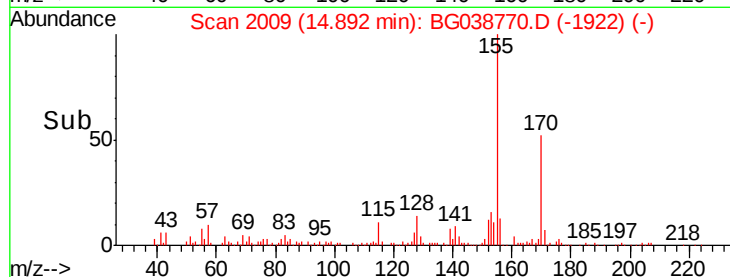
65 35.3 84.8 124.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#58

Fluorene

Concen: 3.726 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

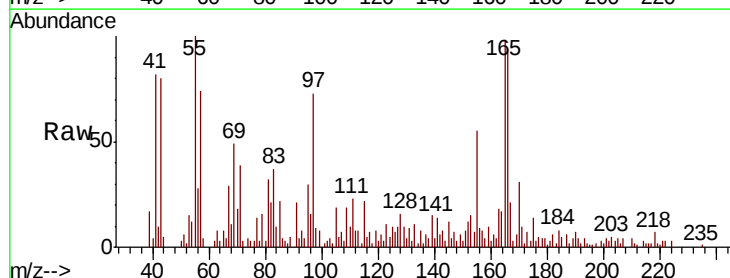
Tgt Ion:166 Resp: 18736

Ion Ratio Lower Upper

166 100

165 104.2 80.6 120.8

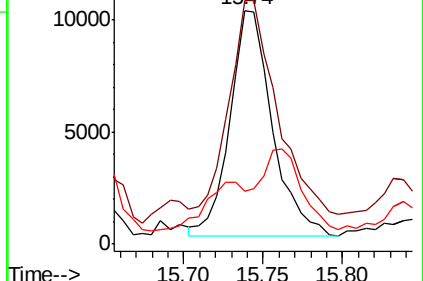
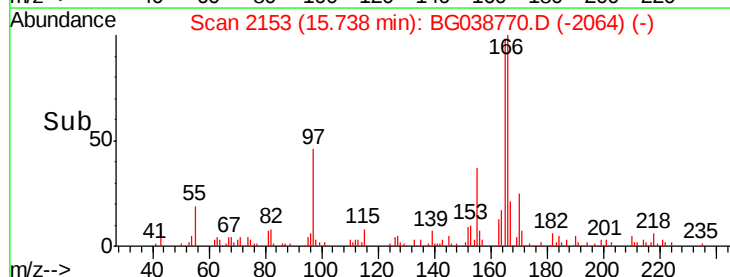
167 22.5 12.0 18.0#

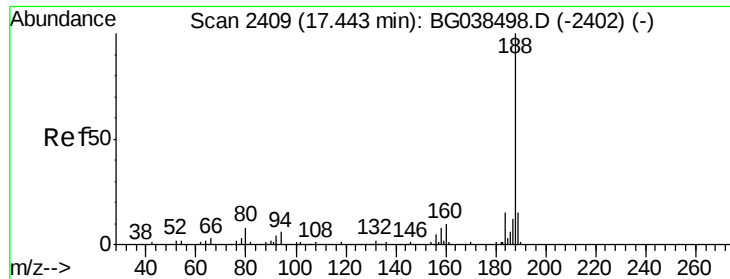


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

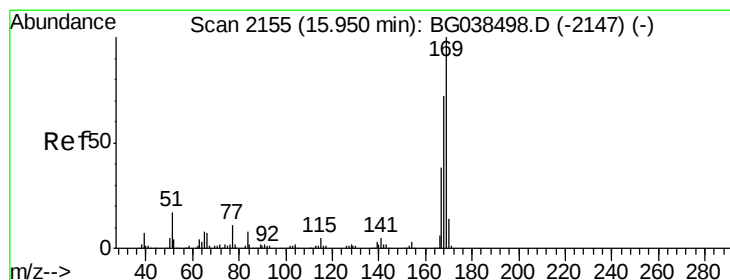
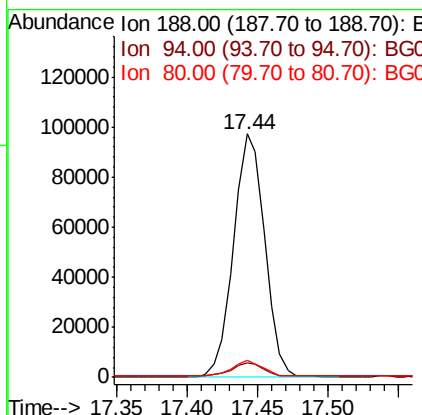
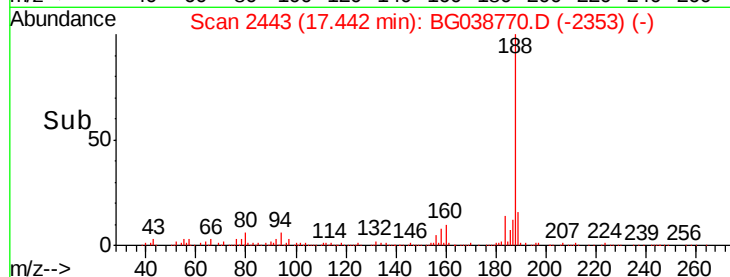
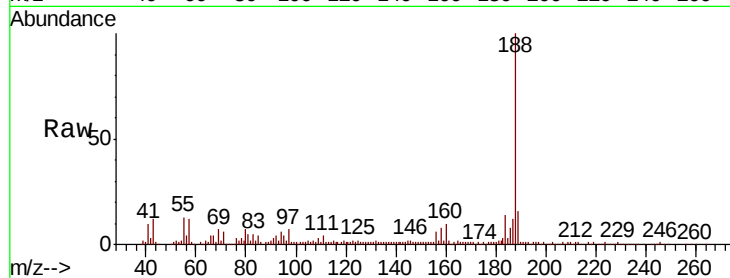




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

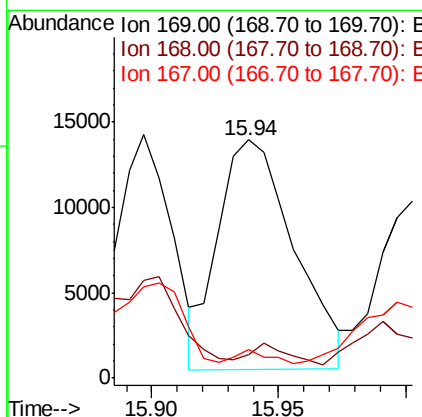
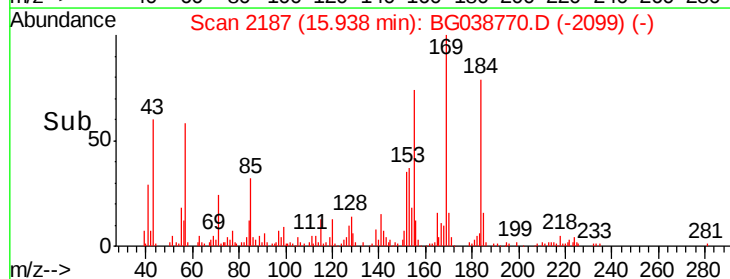
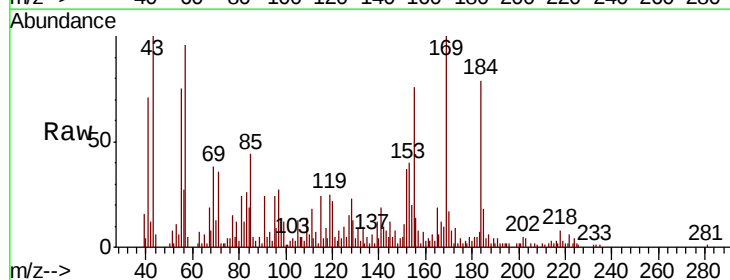
Instrument :
BNA_G
ClientSampleId :
P001-SS013-3036-01

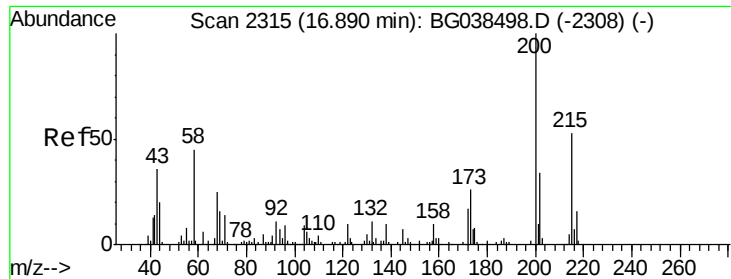
Tgt Ion:188 Resp: 149279
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.0 6.1 9.1



#66
n-Nitrosodiphenylamine
Concen: 6.373 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG038770.D
Acq: 20 Dec 2018 20:12

Tgt Ion:169 Resp: 27951
Ion Ratio Lower Upper
169 100
168 10.1 57.5 86.3#
167 12.2 30.2 45.2#





#69

Atrazine

Concen: 4.533 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

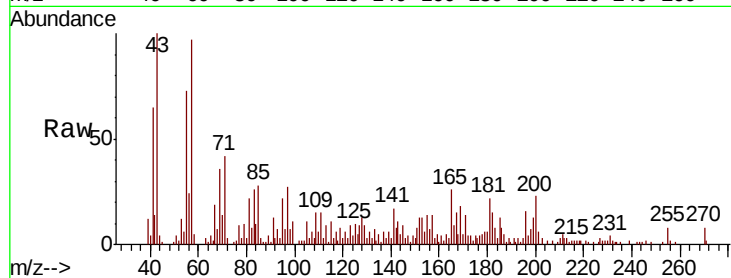
Tgt Ion:200 Resp: 7378

Ion Ratio Lower Upper

200 100

173 17.2 5.9 45.9

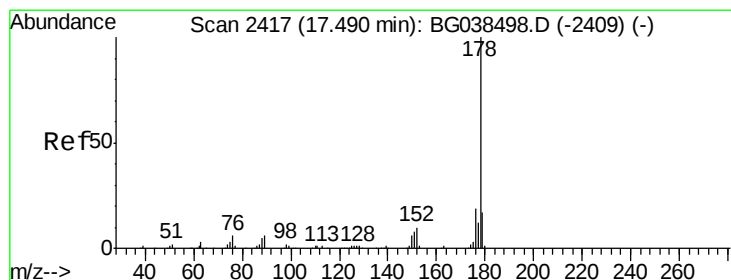
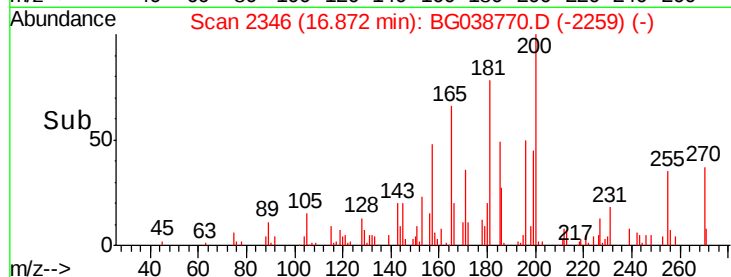
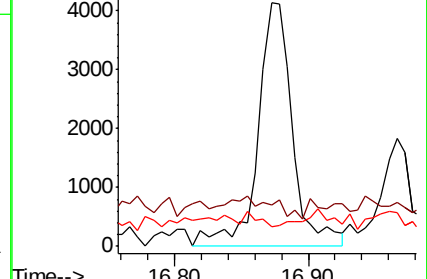
215 8.1 33.1 73.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71

Phenanthrene

Concen: 12.632 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

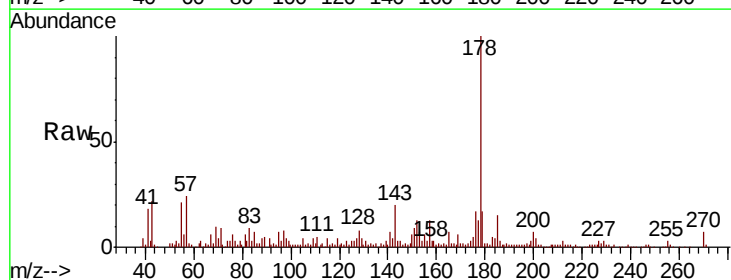
Tgt Ion:178 Resp: 97783

Ion Ratio Lower Upper

178 100

176 16.6 15.1 22.7

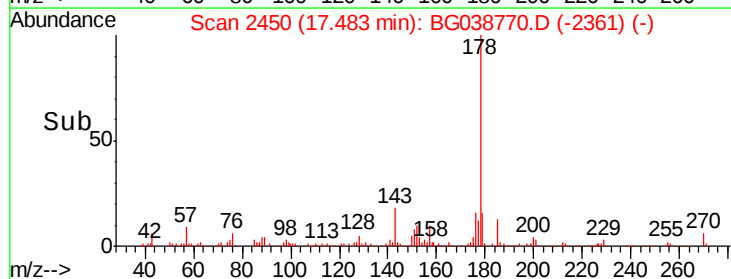
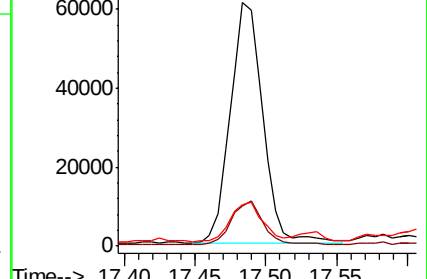
179 17.1 13.2 19.8

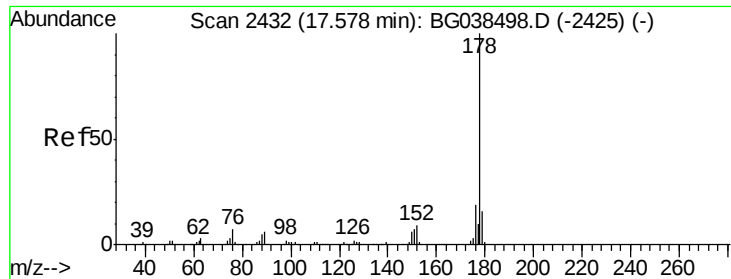


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 12.795 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

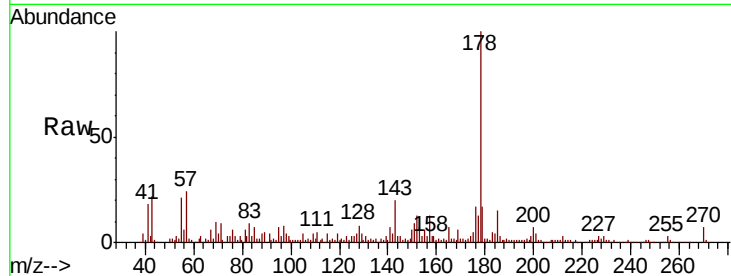
Tgt Ion:178 Resp: 97783

Ion Ratio Lower Upper

178 100

176 16.6 15.1 22.7

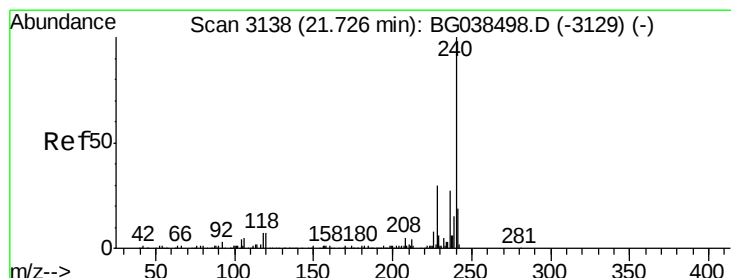
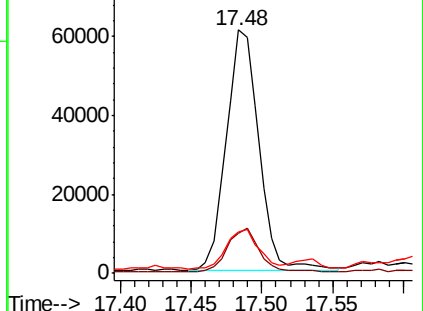
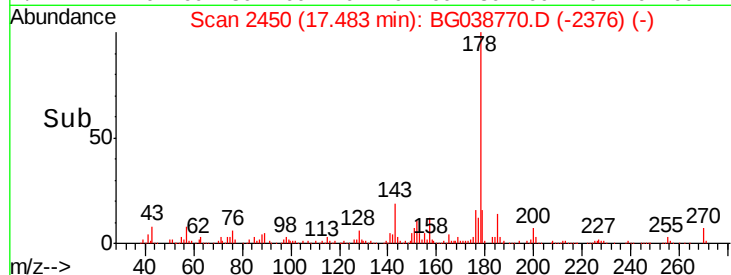
179 17.1 12.9 19.3



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

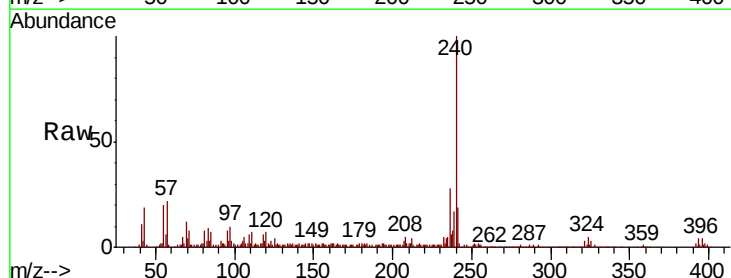
Tgt Ion:240 Resp: 157788

Ion Ratio Lower Upper

240 100

120 7.0 5.3 7.9

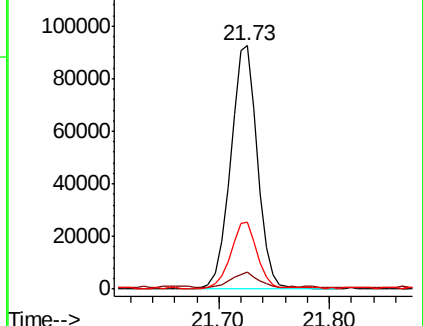
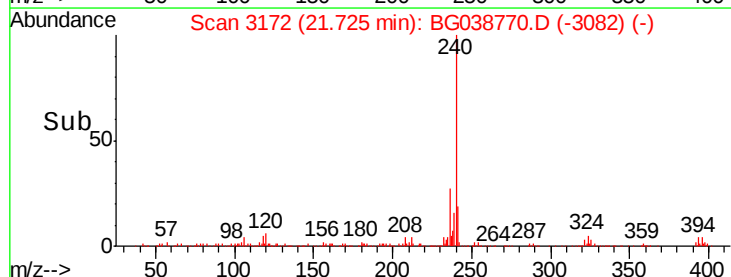
236 27.6 21.4 32.2

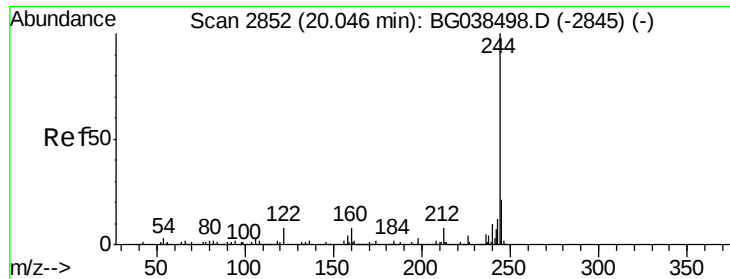


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.051 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

Instrument :

BNA_G

ClientSampleId :

P001-SS013-3036-01

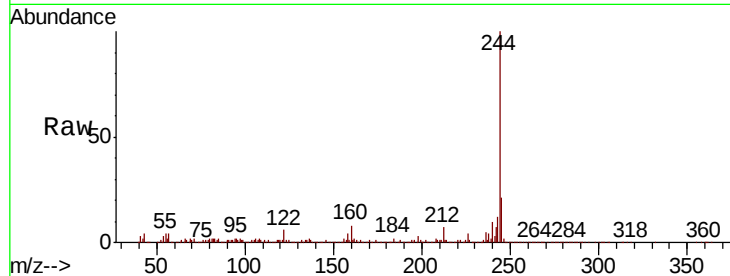
Tgt Ion:244 Resp: 551381

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

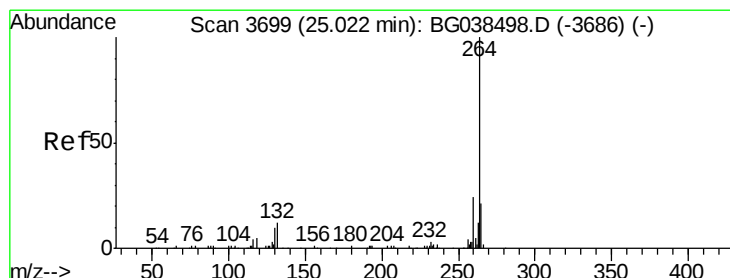
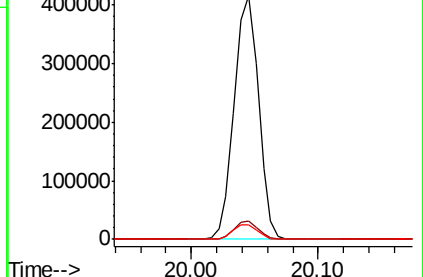
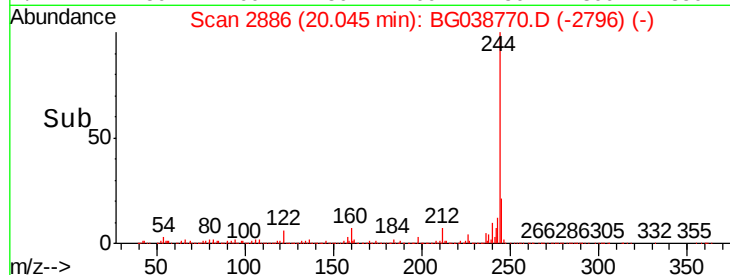
122 6.1 6.3 9.5#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BG038770.D

Acq: 20 Dec 2018 20:12

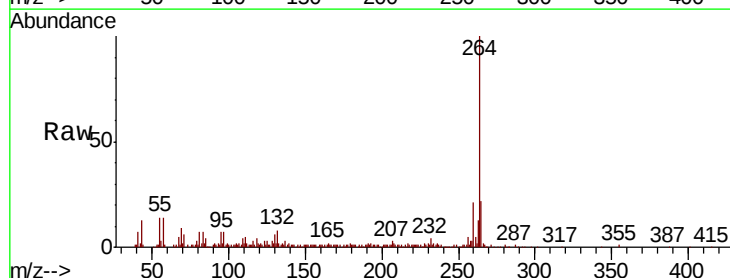
Tgt Ion:264 Resp: 173159

Ion Ratio Lower Upper

264 100

260 21.1 18.9 28.3

265 21.9 17.0 25.4



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

