

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038513.D
 Acq On : 13 Dec 2018 00:41
 Operator : JU/SJ
 Sample : J6344-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Quant Time: Dec 13 06:12:09 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	21483	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	94776	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62599	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	137314	20.00	ng	0.00
76) Chrysene-d12	21.72	240	148591	20.00	ng	0.00
87) Perylene-d12	25.01	264	175029	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	136009	112.29	ng	0.00
7) Phenol-d6	7.21	99	199548	120.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	142616	76.87	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	82999	96.21	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	394736	86.51	ng	0.00
79) Terphenyl-d14	20.05	244	622150	91.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	55	0.098	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	162	0.213	ng	# 1
9) Benzaldehyde	7.21	77	366	0.339	ng	# 3
10) Phenol	7.24	94	2636	1.492	ng	# 81
15) Benzyl Alcohol	8.38	79	2378	1.832	ng	# 50
19) n-Nitroso-di-n-propylamine	9.23	70	19634	16.812	ng	# 68
24) Nitrobenzene	9.24	77	482	0.257	ng	# 39
25) Isophorone	9.79	82	740	0.222	ng	# 64
37) 2-Methylnaphthalene	12.54	142	55	0.017	ng	# 13
38) 1-Methylnaphthalene	12.55	142	73	0.023	ng	# 6
46) 1,1'-Biphenyl	13.53	154	828	0.158	ng	# 93
47) 2-Chloronaphthalene	13.97	162	60	0.015	ng	# 40
48) 2-Nitroaniline	13.80	65	346	0.268	ng	# 9
49) Acenaphthylene	14.40	152	313	0.052	ng	# 1
50) Dimethylphthalate	14.14	163	13157	2.574	ng	# 96
51) 2,6-Dinitrotoluene	14.20	165	5540	4.782	ng	# 19
52) Acenaphthene	14.77	154	264	0.073	ng	# 1
53) 3-Nitroaniline	14.62	138	275	0.233	ng	# 22
55) Dibenzofuran	15.09	168	363	0.058	ng	# 1
56) 4-Nitrophenol	14.93	139	470	0.525	ng	# 1
57) 2,4-Dinitrotoluene	15.06	165	562	0.344	ng	# 33
58) Fluorene	15.77	166	1533	0.333	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	15.33	232	56	0.041	ng	# 41
60) Diethylphthalate	15.47	149	2697	0.481	ng	# 67
61) 4-Chlorophenyl-phenylether	15.73	204	358	0.125	ng	# 1
62) 4-Nitroaniline	15.89	138	387	0.318	ng	# 85
63) Azobenzene	16.02	77	641	0.137	ng	# 45
65) 4,6-Dinitro-2-methylphenol	15.73	198	71	0.072	ng	# 1
66) n-Nitrosodiphenylamine	15.95	169	452	0.112	ng	# 4
67) 4-Bromophenyl-phenylether	16.63	248	235	0.140	ng	# 1
69) Atrazine	16.89	200	1439	0.961	ng	# 1
70) Pentachlorophenol	17.09	266	303	0.295	ng	# 34
71) Phenanthrene	17.49	178	839	0.118	ng	# 1
72) Anthracene	17.58	178	640	0.091	ng	# 1

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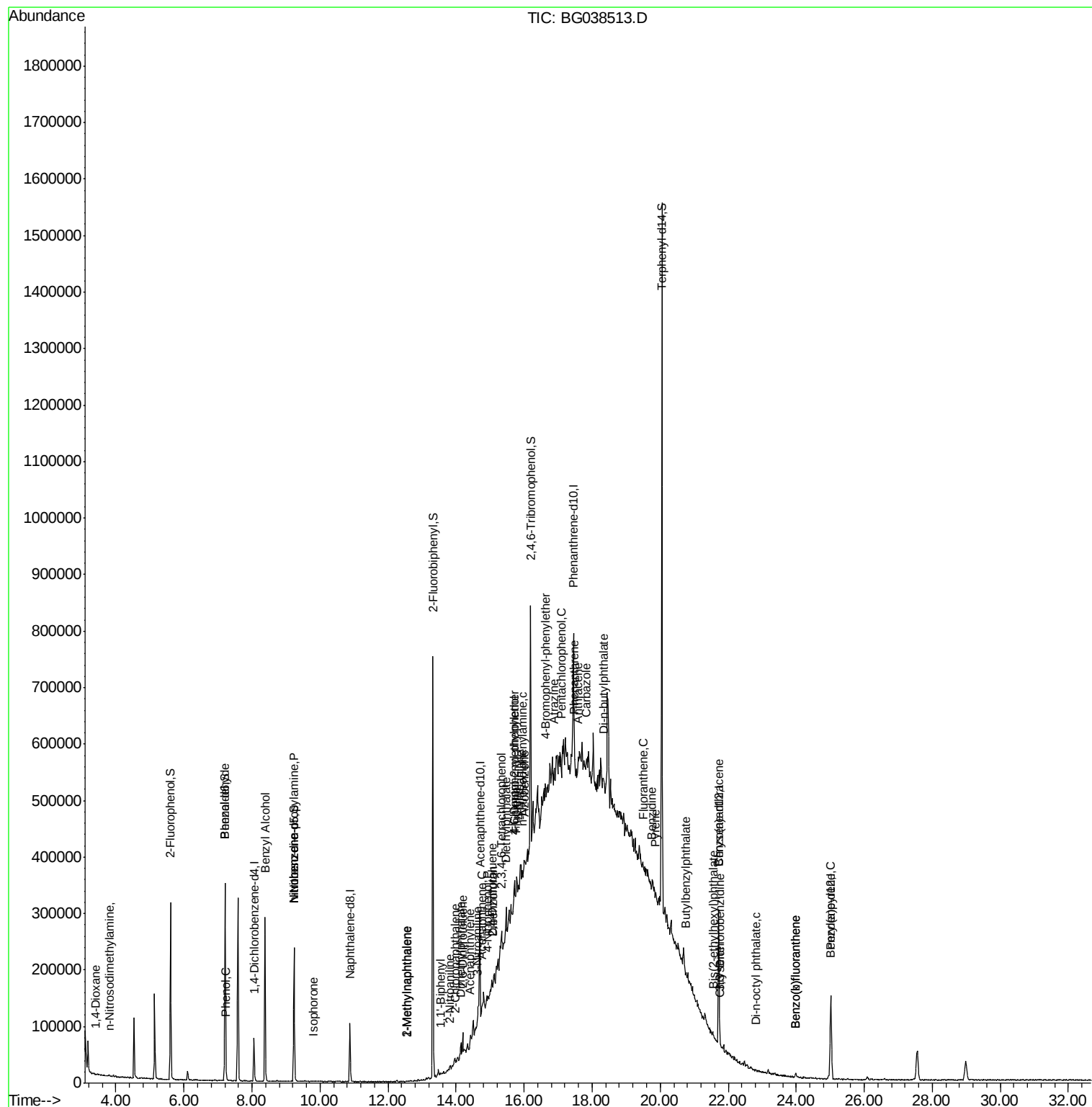
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Carbazole	17.84	167	336	0.048	ng	# 1
74) Di-n-butylphthalate	18.33	149	736	0.092	ng	# 38
75) Fluoranthene	19.50	202	609	0.069	ng	# 1
77) Benzidine	19.74	184	382	0.087	ng	# 1
78) Pyrene	19.87	202	581	0.059	ng	# 1
80) Butylbenzylphthalate	20.76	149	482	0.126	ng	# 56
81) Benzo(a)anthracene	21.72	228	613	0.068	ng	# 15
82) 3,3'-Dichlorobenzidine	21.75	252	61	0.017	ng	# 25
83) Chrysene	21.76	228	186	0.021	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.56	149	664	0.122	ng	# 89
85) Di-n-octyl phthalate	22.81	149	262	0.029	ng	# 1
88) Benzo(b)fluoranthene	23.99	252	59	0.006	ng	# 59
89) Benzo(k)fluoranthene	23.99	252	59	0.006	ng	# 58
90) Benzo(a)pyrene	25.00	252	134	0.014	ng	# 60

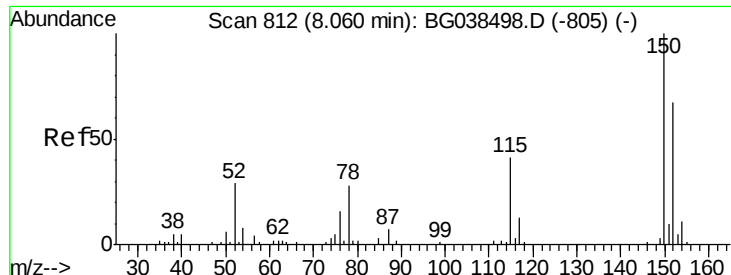
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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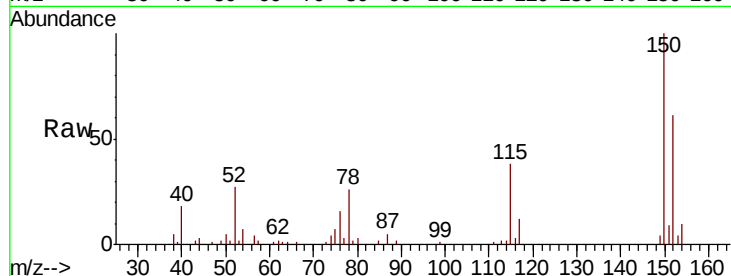




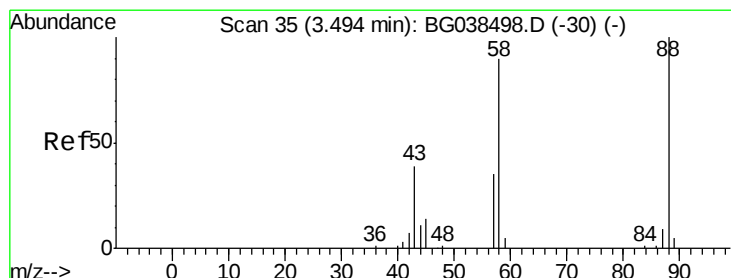
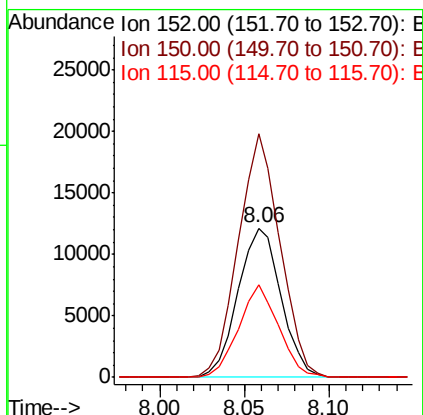
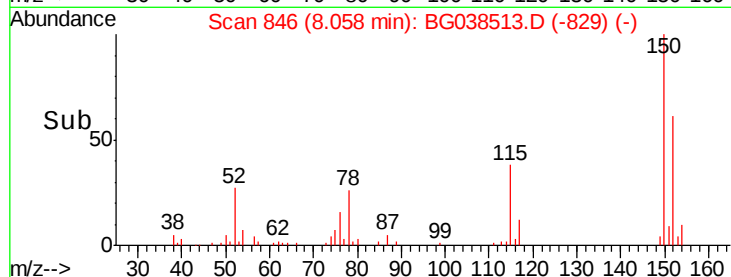
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Tgt Ion:152 Resp: 21483
 Ion Ratio Lower Upper
 152 100
 150 163.2 119.5 179.3
 115 62.4 49.6 74.4

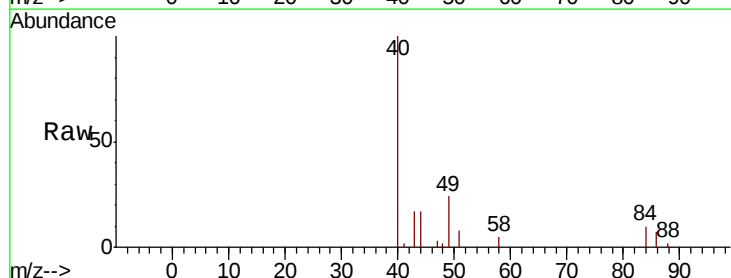


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

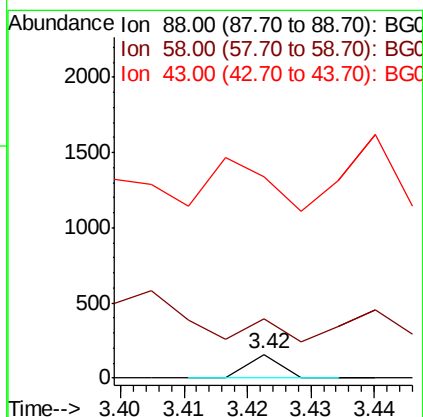
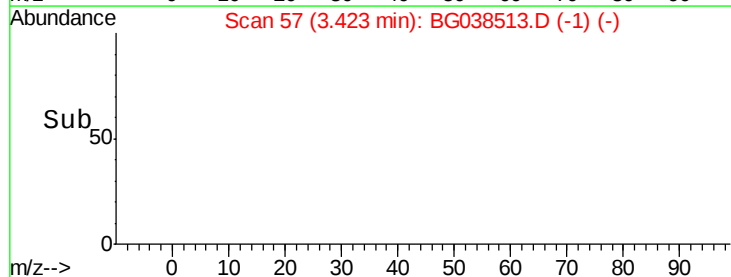


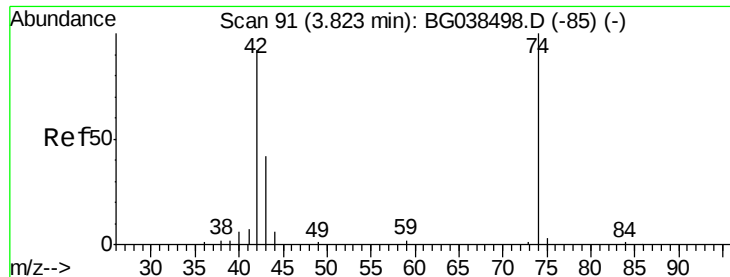
#2
 1,4-Dioxane
 Concen: 0.098 ng
 RT: 3.42 min Scan# 57
 Delta R.T. -0.07 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion: 88 Resp: 55
 Ion Ratio Lower Upper
 88 100
 58 229.1 75.7 113.5#
 43 0.0 31.6 47.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC



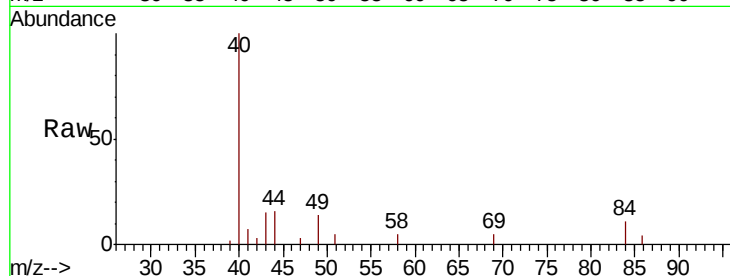


#4

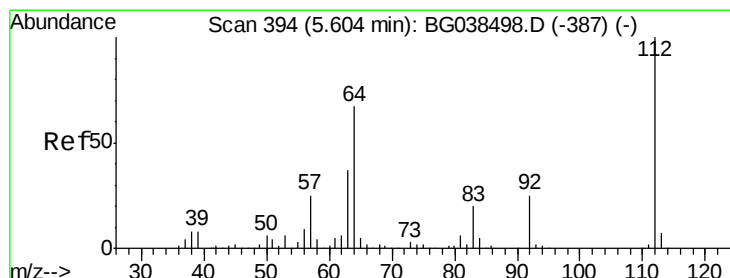
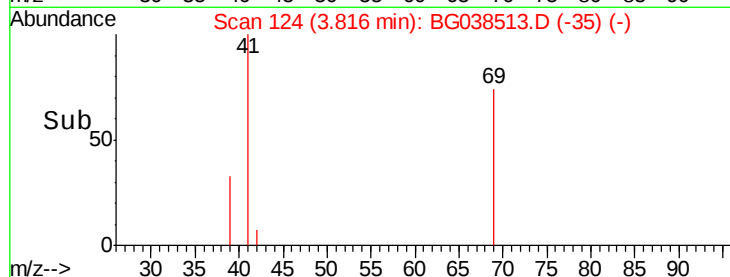
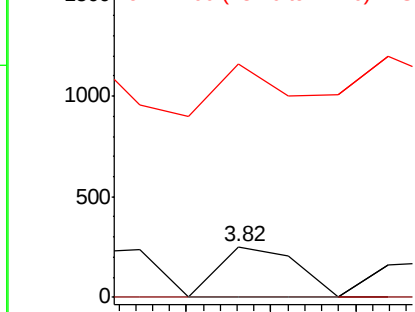
n-Nitrosodimethylamine
 Concen: 0.213 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Instrument :
 BNA_G
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 RBR-200031

Tgt Ion: 42 Resp: 162
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.7 130.1#
 44 462.5 7.8 11.8#



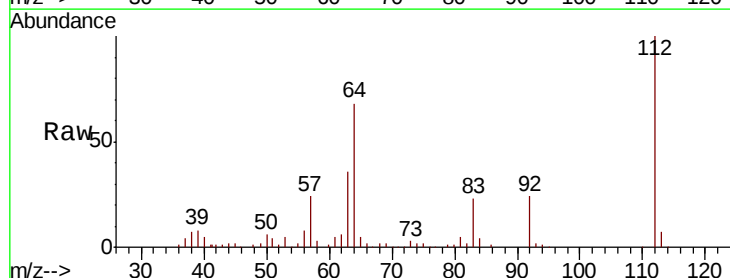
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



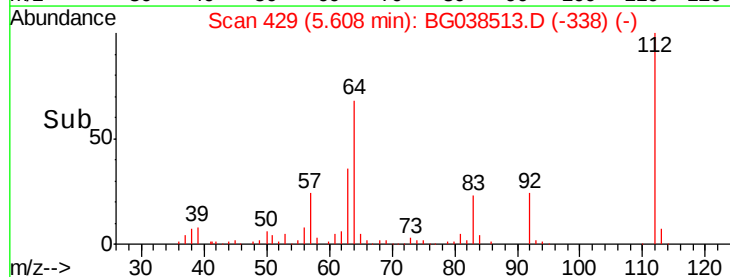
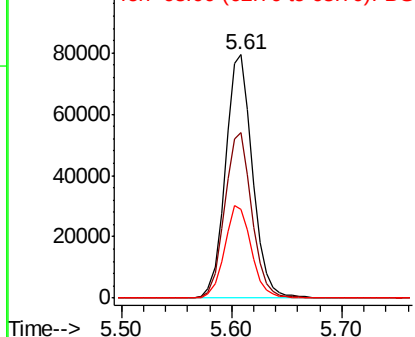
#5

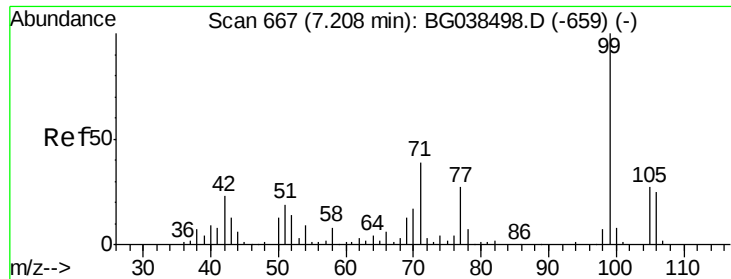
2-Fluorophenol
 Concen: 112.290 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion: 112 Resp: 136009
 Ion Ratio Lower Upper
 112 100
 64 68.1 53.4 80.2
 63 36.5 29.3 43.9



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





#7

Phenol-d6

Concen: 120.008 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

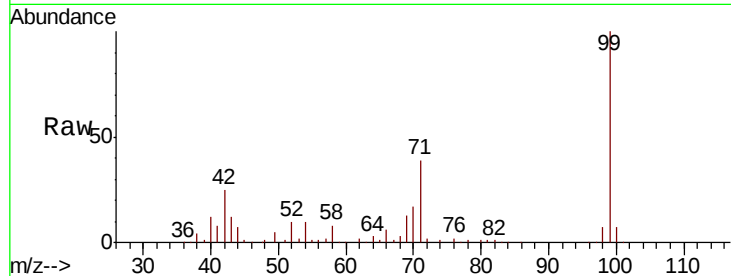
Tgt Ion: 99 Resp: 199548

Ion Ratio Lower Upper

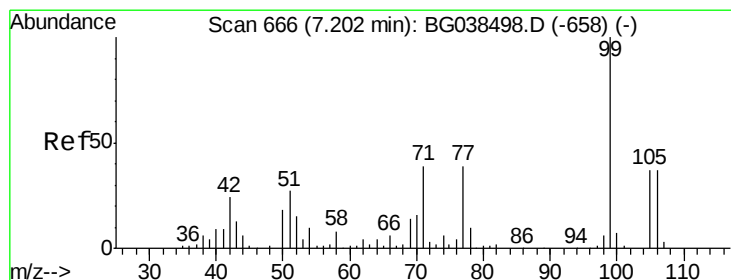
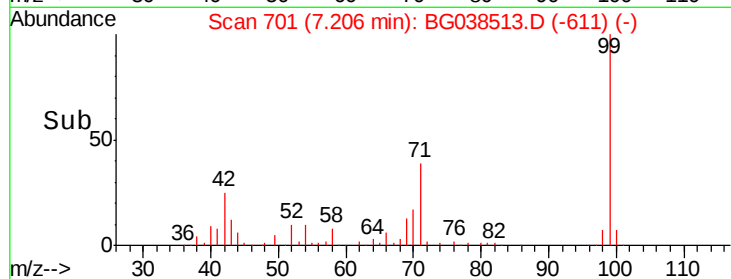
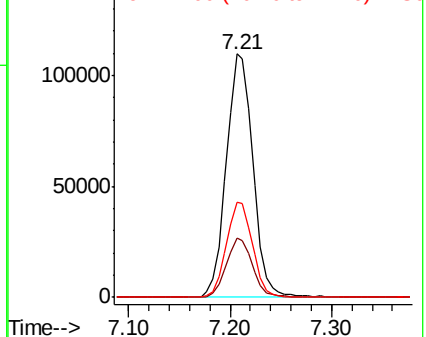
99 100

42 24.5 18.5 27.7

71 38.8 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: 0.339 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

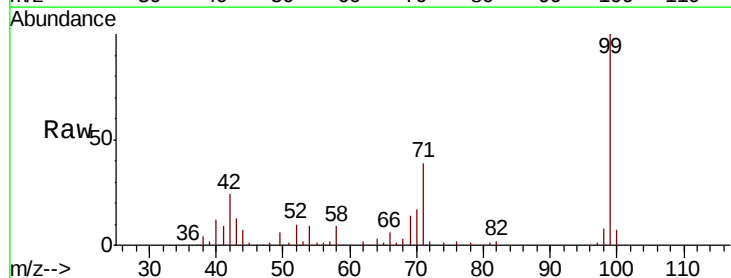
Tgt Ion: 77 Resp: 366

Ion Ratio Lower Upper

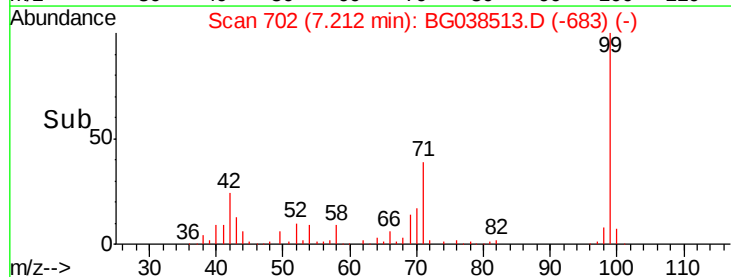
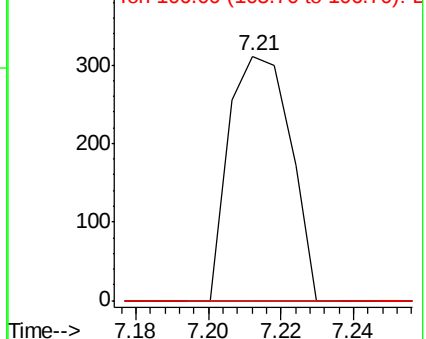
77 100

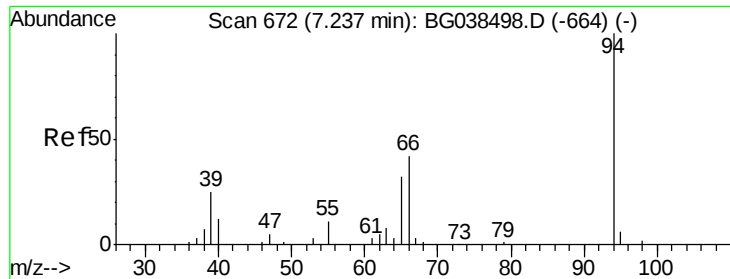
105 0.0 74.0 114.0#

106 0.0 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: 1.492 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

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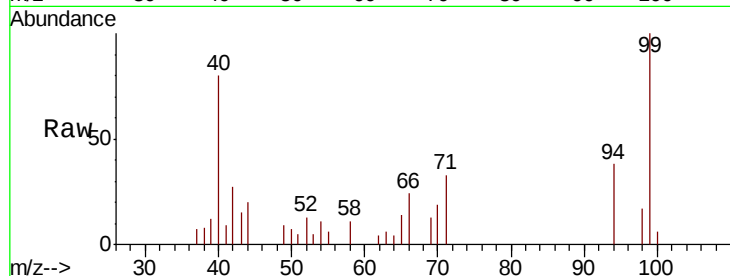
Tgt Ion: 94 Resp: 2636

Ion Ratio Lower Upper

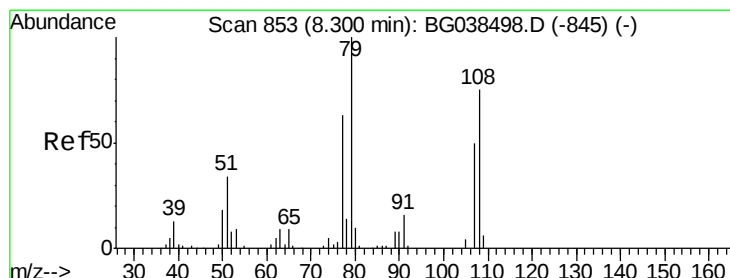
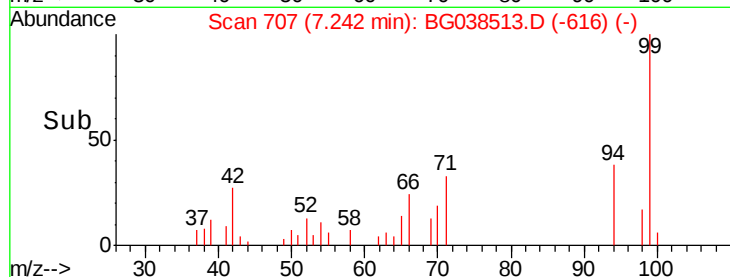
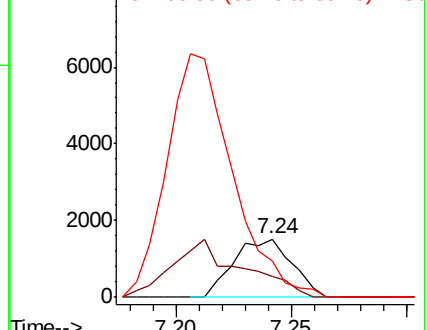
94 100

65 36.4 12.6 52.6

66 62.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#15

Benzyl Alcohol

Concen: 1.832 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

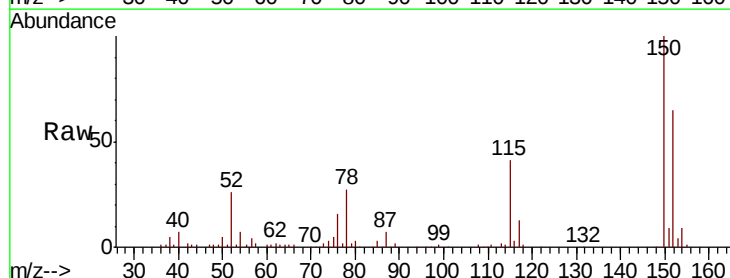
Tgt Ion: 79 Resp: 2378

Ion Ratio Lower Upper

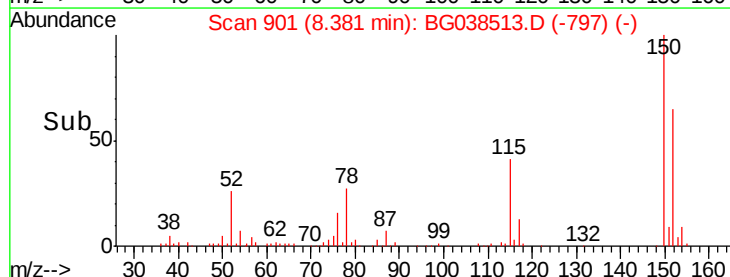
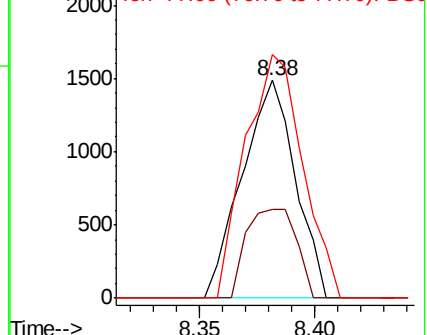
79 100

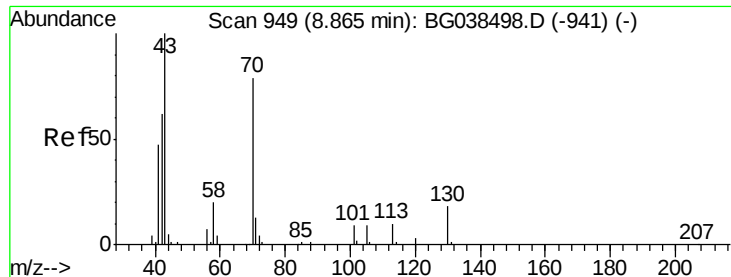
108 40.8 60.2 90.4#

77 111.8 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

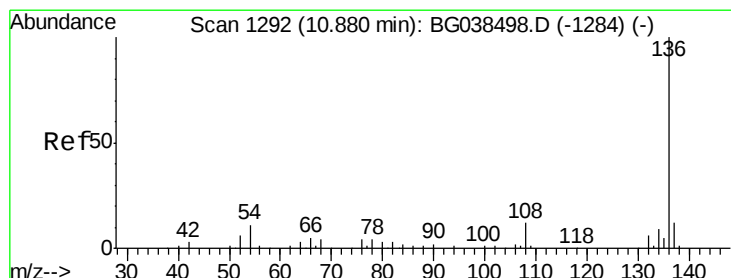
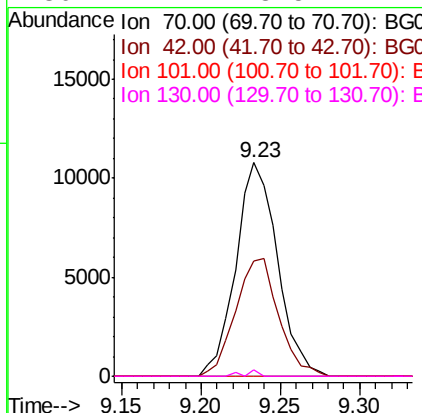
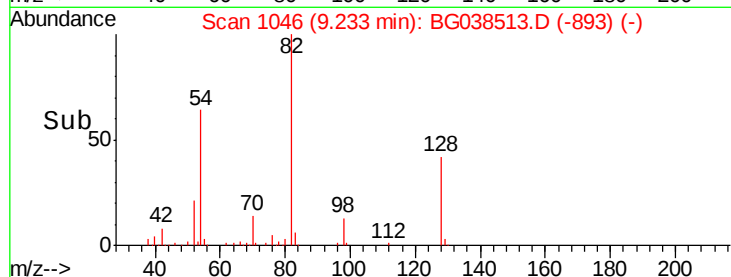
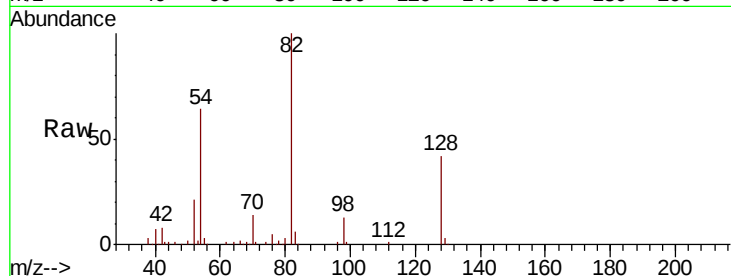




#19
n-Nitroso-di-n-propylamine
Concen: 16.812 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

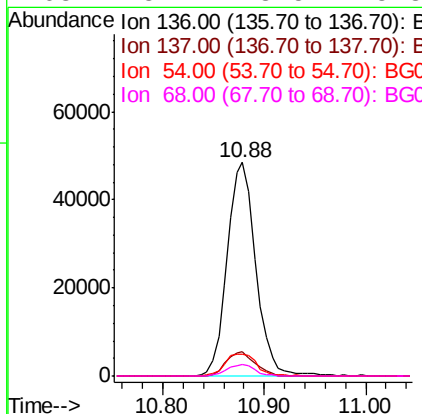
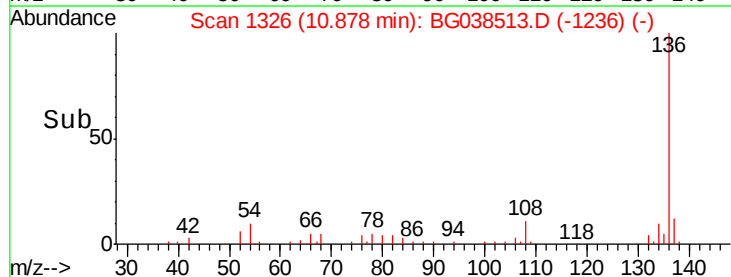
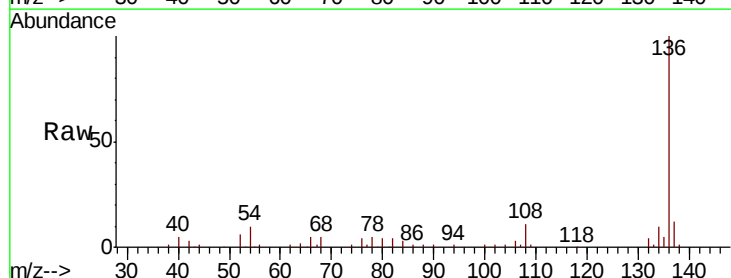
Instrument :
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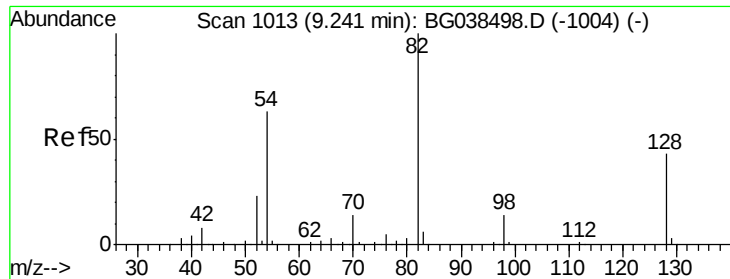
Tgt Ion: 70 Resp: 19634
Ion Ratio Lower Upper
70 100
42 54.1 63.6 95.4#
101 0.0 9.2 13.8#
130 2.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion: 136 Resp: 94776
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 10.4 8.5 12.7
68 5.4 3.5 5.3#

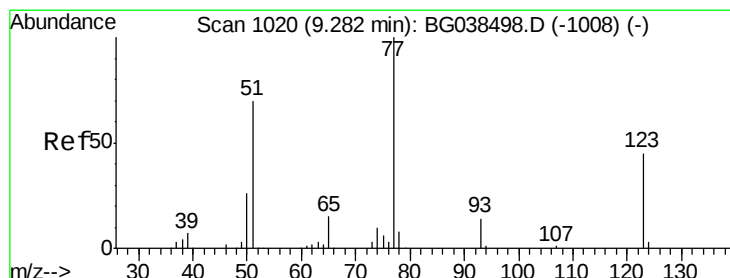
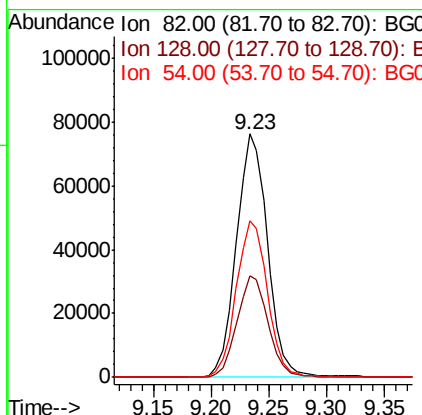
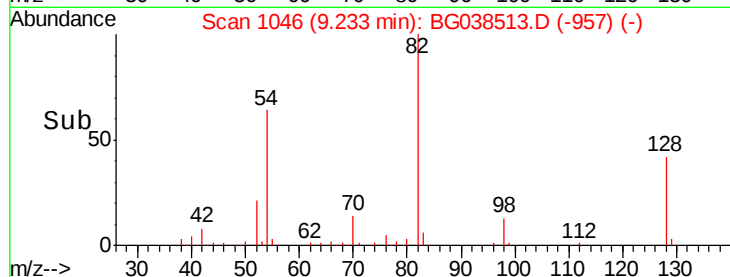
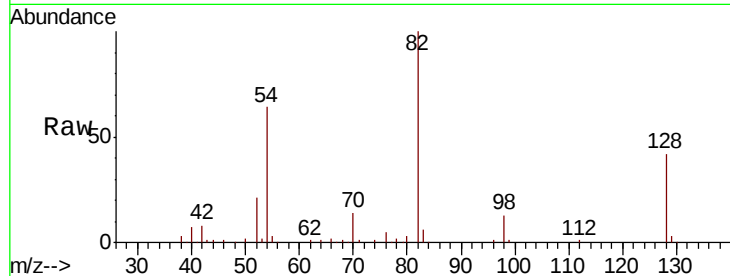




#23
 Nitrobenzene-d5
 Concen: 76.874 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

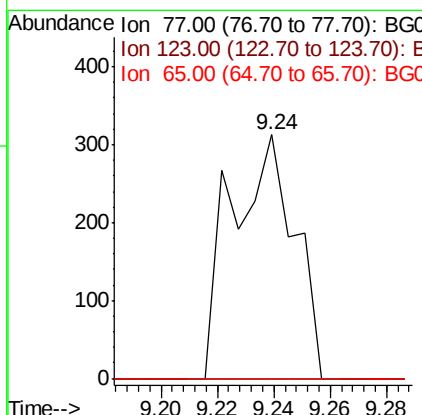
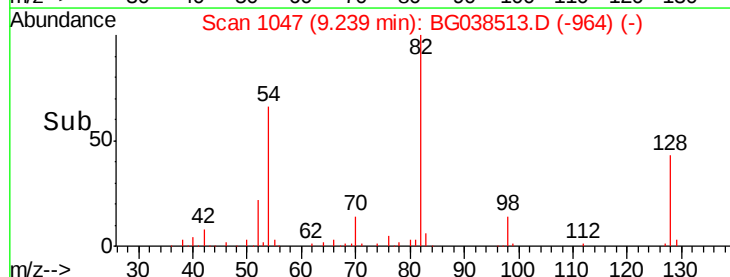
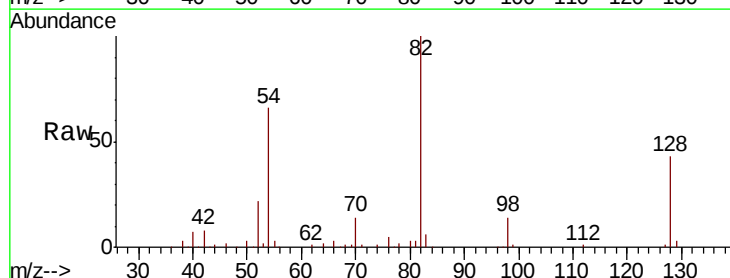
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

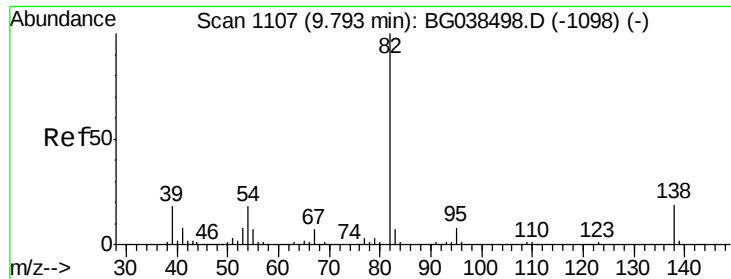
Tgt Ion: 82 Resp: 142616
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 64.3 50.6 76.0



#24
 Nitrobenzene
 Concen: 0.257 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion: 77 Resp: 482
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 0.0 12.0 18.0#





#25

Isophorone

Concen: 0.222 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

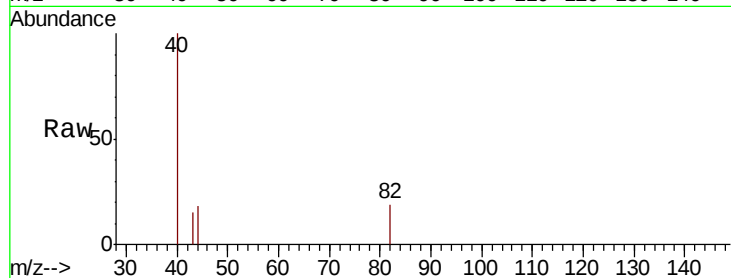
Tgt Ion: 82 Resp: 740

Ion Ratio Lower Upper

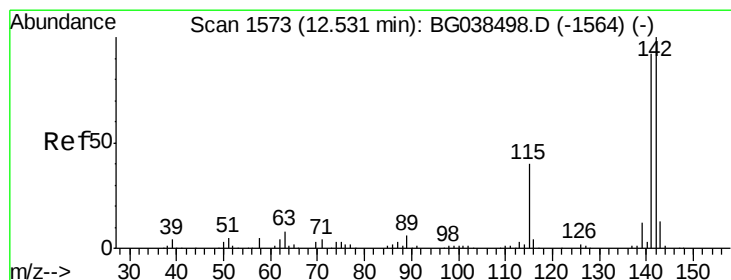
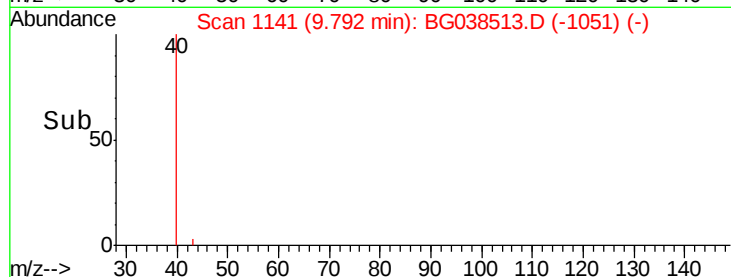
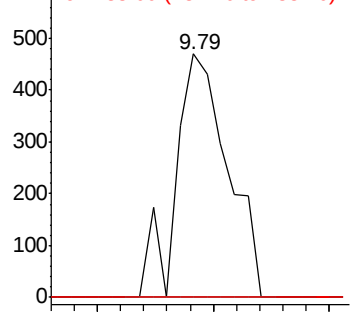
82 100

95 0.0 6.1 9.1#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#37

2-Methylnaphthalene

Concen: 0.017 ng

RT: 12.54 min Scan# 1608

Delta R.T. 0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

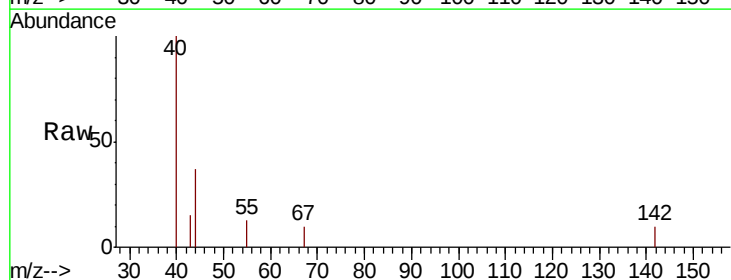
Tgt Ion: 142 Resp: 55

Ion Ratio Lower Upper

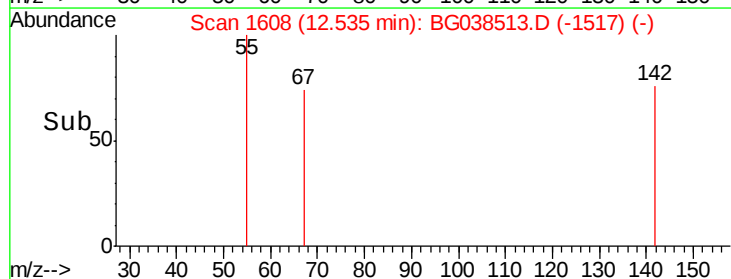
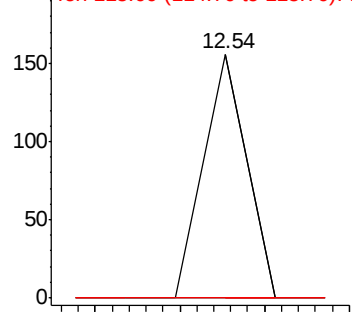
142 100

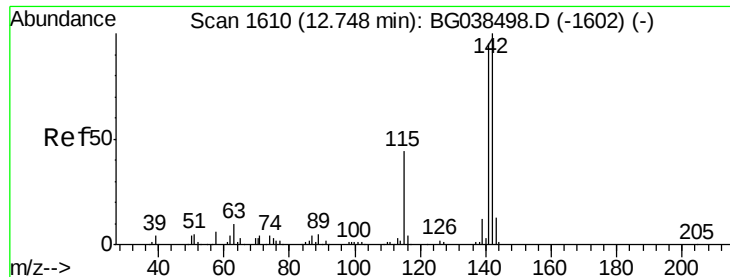
141 0.0 73.5 110.3#

115 0.0 31.7 47.5#



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

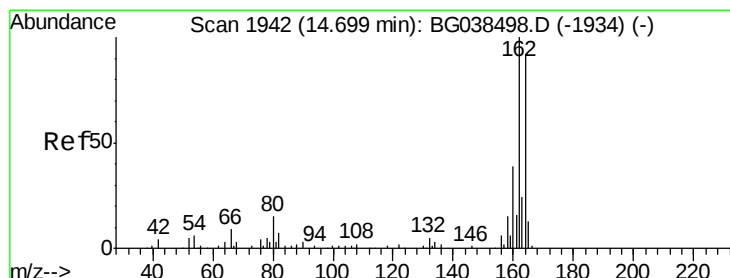
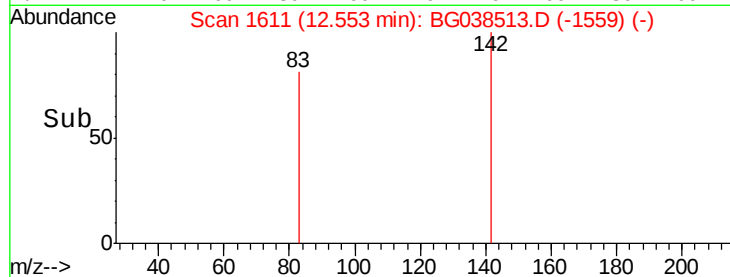
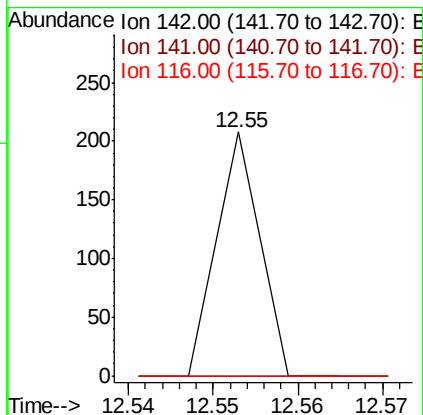
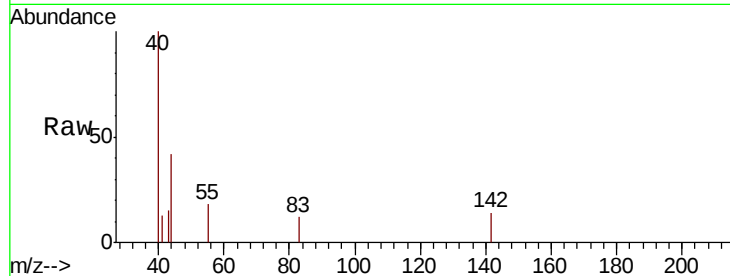




#38
1-Methylnaphthalene
Concen: 0.023 ng
RT: 12.55 min Scan# 1611
Delta R.T. -0.20 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

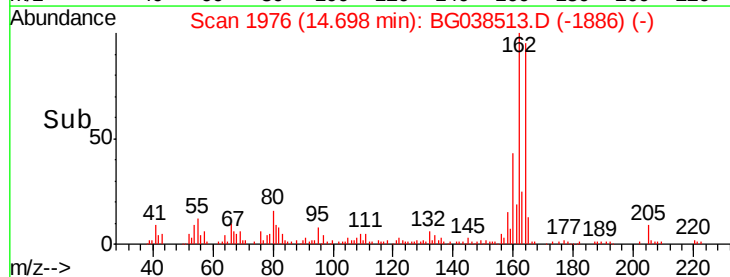
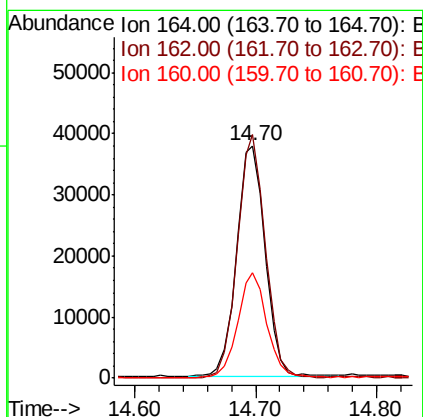
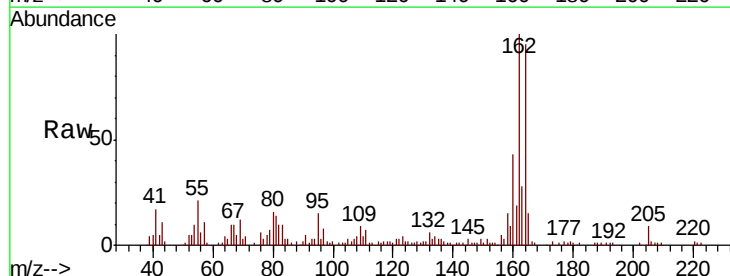
Instrument :
BNA_G
ClientSampleId :
RBR-200031

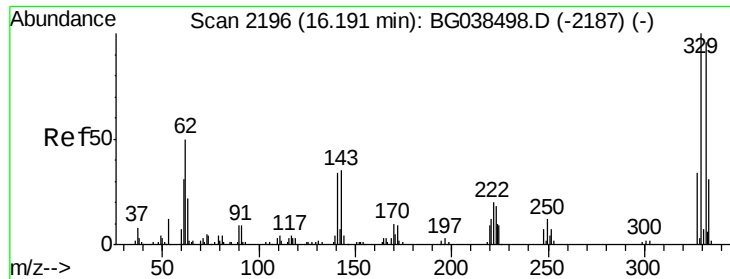
Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
141 0.0 75.8 113.8#
116 0.0 3.6 5.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:164 Resp: 62599
Ion Ratio Lower Upper
164 100
162 104.7 86.6 130.0
160 45.1 34.2 51.2

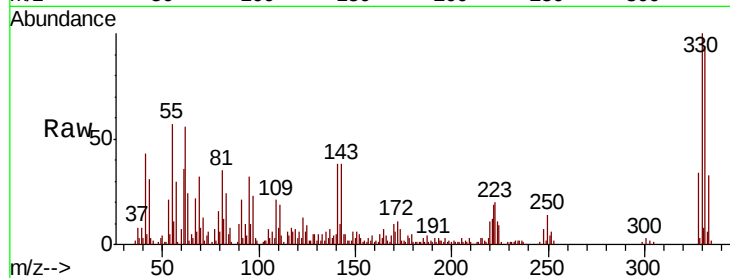




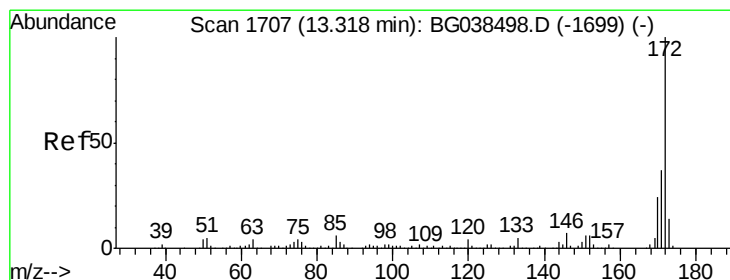
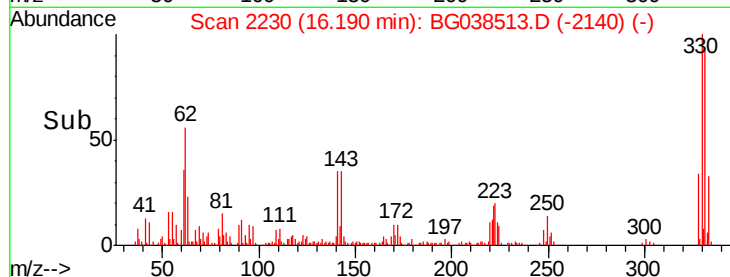
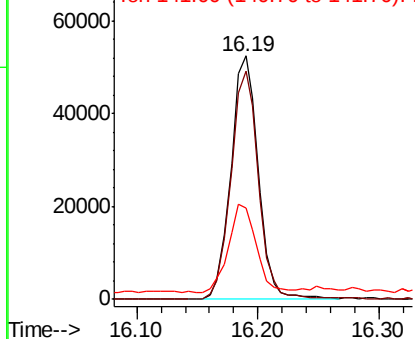
#42
 2,4,6-Tribromophenol
 Concen: 96.205 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Tgt Ion:330 Resp: 82999
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.9 115.3
 141 36.6 28.8 43.2

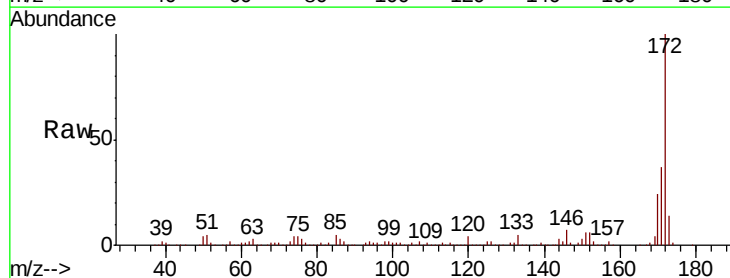


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

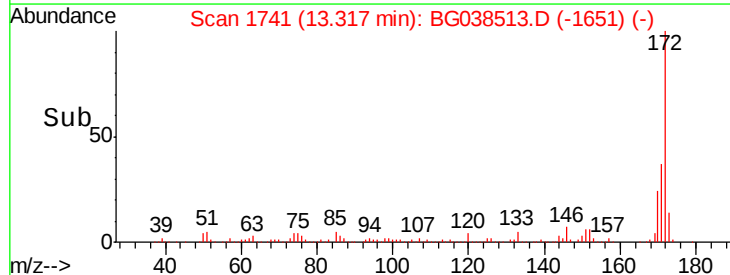
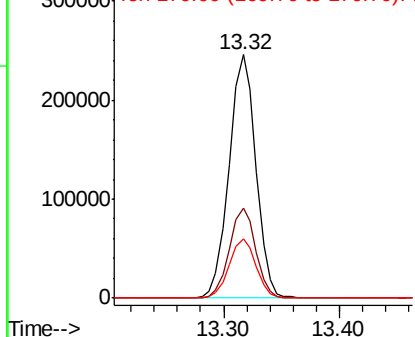


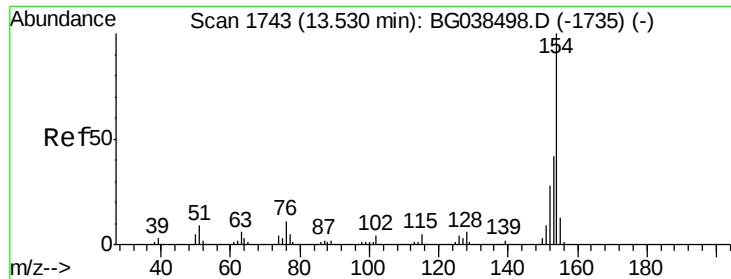
#45
 2-Fluorobiphenyl
 Concen: 86.506 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion:172 Resp: 394736
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 24.4 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

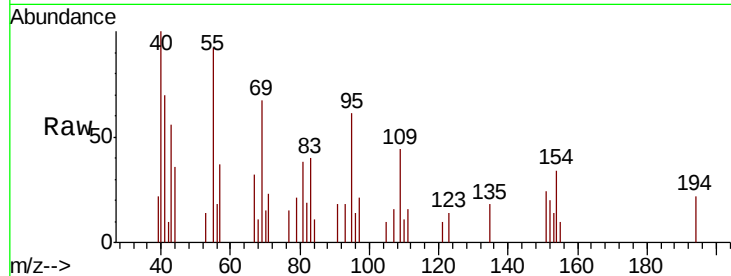




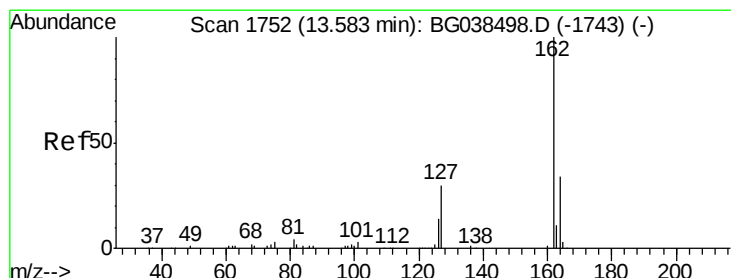
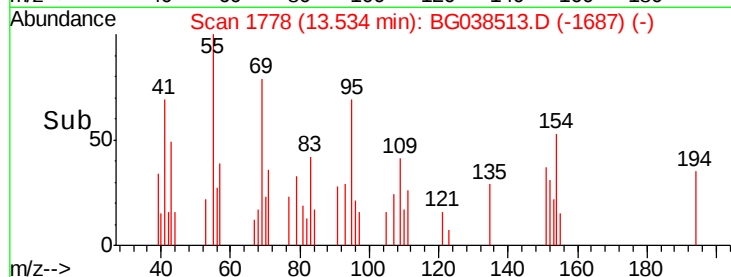
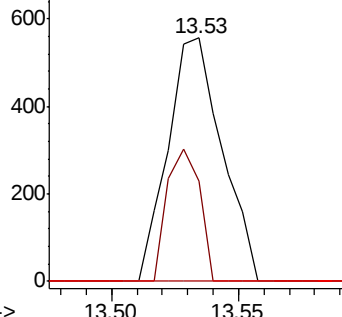
#46
 1,1'-Biphenyl
 Concen: 0.158 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

Tgt Ion:154 Resp: 828
 Ion Ratio Lower Upper
 154 100
 153 41.1 22.1 62.1
 76 0.0 0.0 31.2

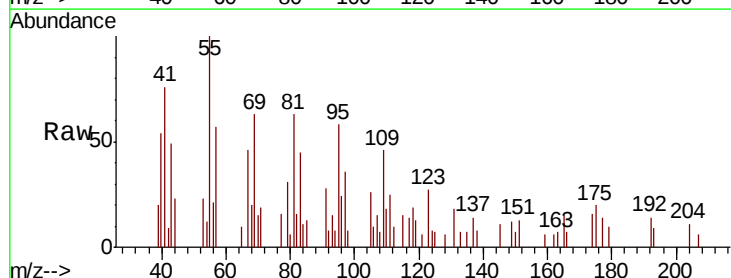


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

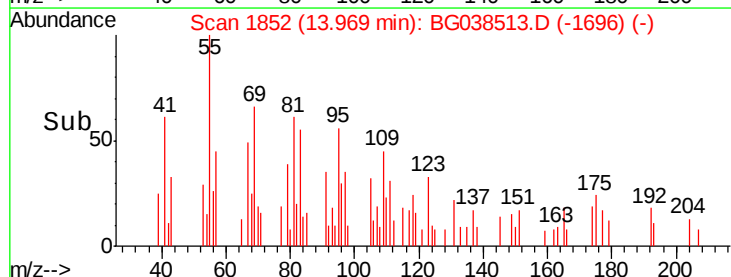
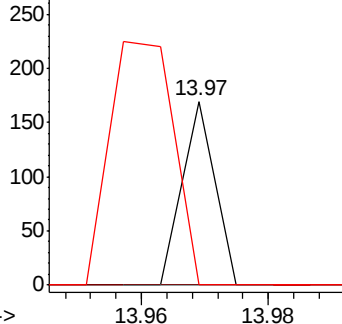


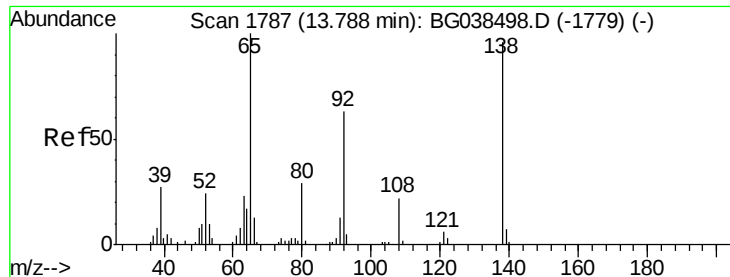
#47
 2-Chloronaphthalene
 Concen: 0.015 ng
 RT: 13.97 min Scan# 1852
 Delta R.T. 0.39 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion:162 Resp: 60
 Ion Ratio Lower Upper
 162 100
 127 0.0 27.8 41.8#
 164 0.0 26.9 40.3#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 0.268 ng

RT: 13.80 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

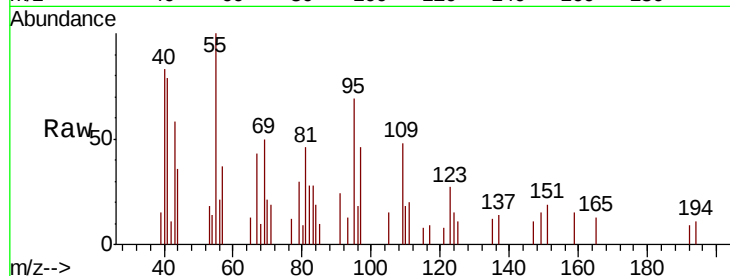
Tgt Ion: 65 Resp: 346

Ion Ratio Lower Upper

65 100

92 0.0 50.0 75.0#

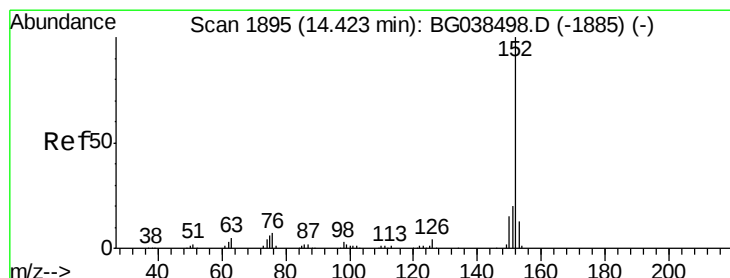
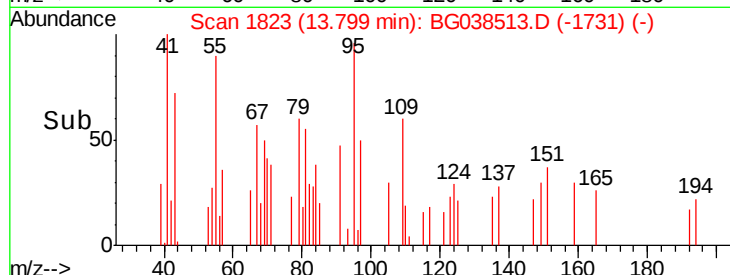
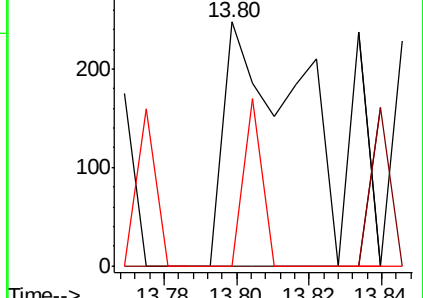
138 0.0 76.9 115.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#49

Acenaphthylene

Concen: 0.052 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

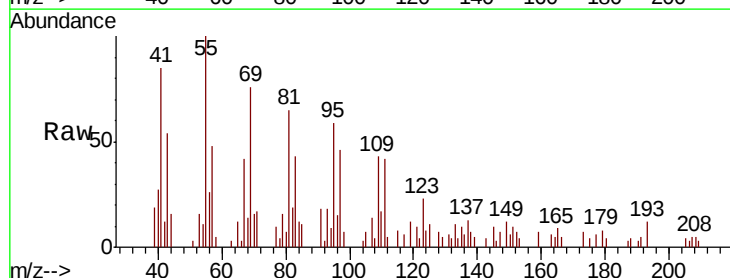
Tgt Ion: 152 Resp: 313

Ion Ratio Lower Upper

152 100

151 138.8 16.4 24.6#

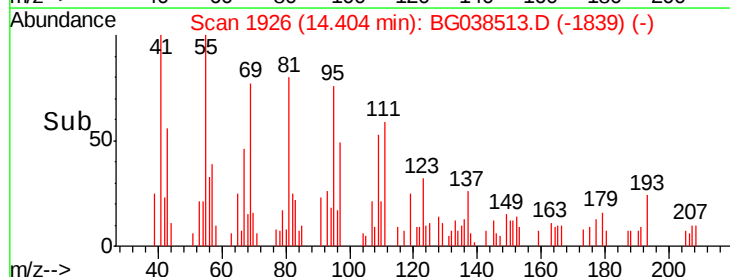
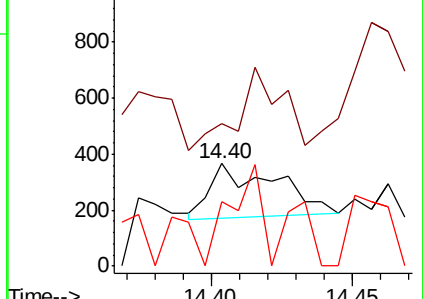
153 62.8 10.4 15.6#

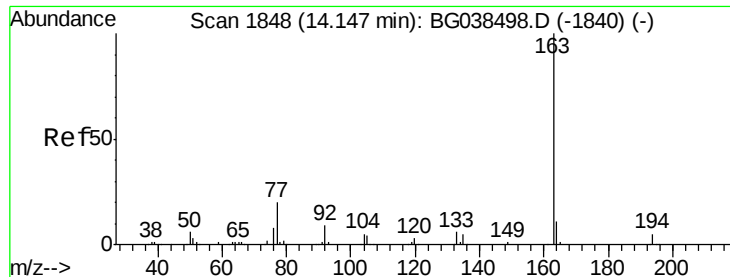


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC





#50

Dimethylphthalate

Concen: 2.574 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

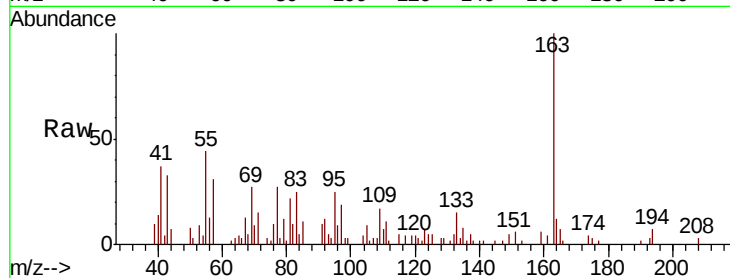
Tgt Ion:163 Resp: 13157

Ion Ratio Lower Upper

163 100

194 6.5 3.7 5.5#

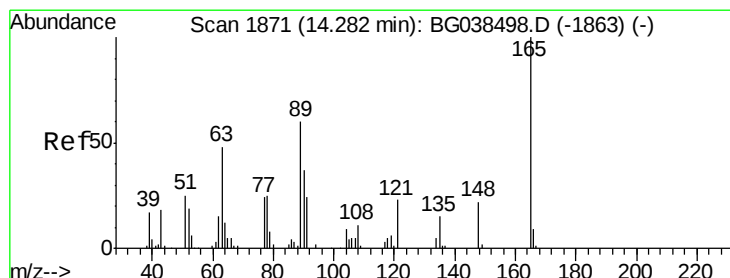
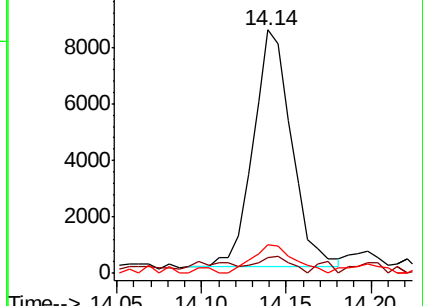
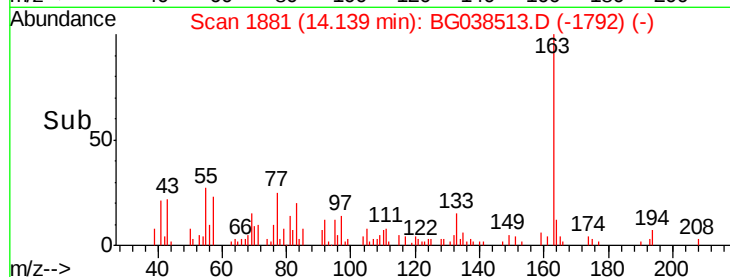
164 11.9 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 4.782 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.08 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

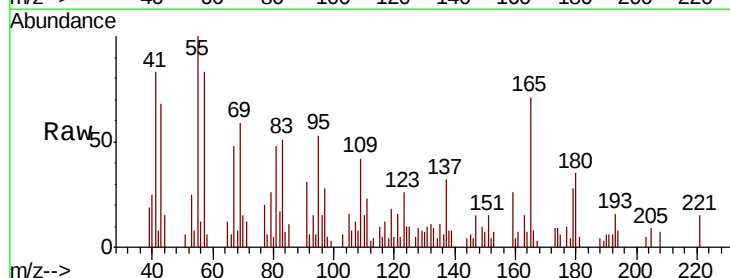
Tgt Ion:165 Resp: 5540

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

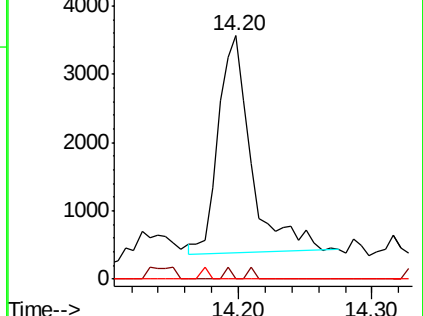
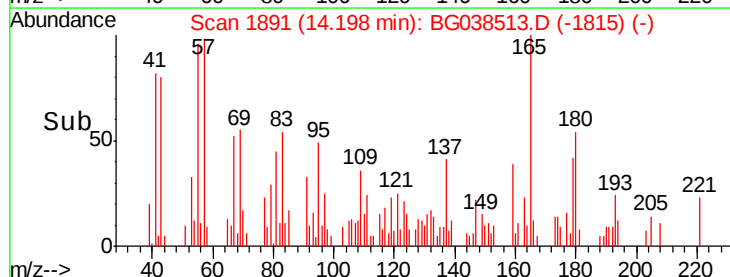
89 0.0 47.9 71.9#

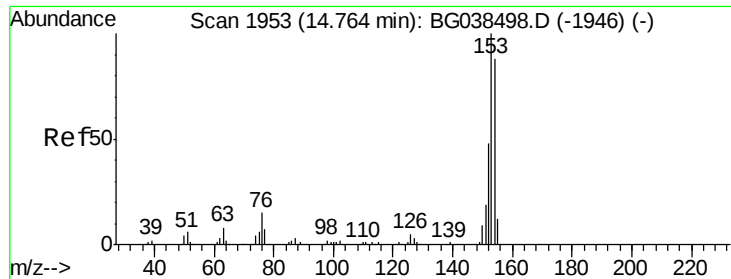


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.073 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

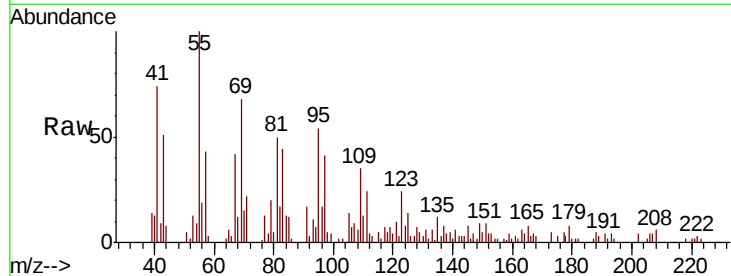
Tgt Ion:154 Resp: 264

Ion Ratio Lower Upper

154 100

153 195.4 90.6 136.0#

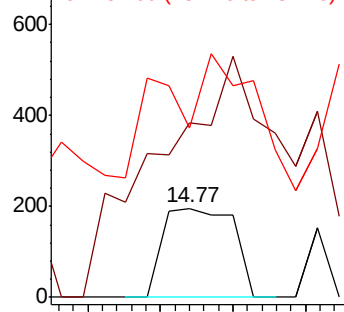
152 190.8 43.5 65.3#



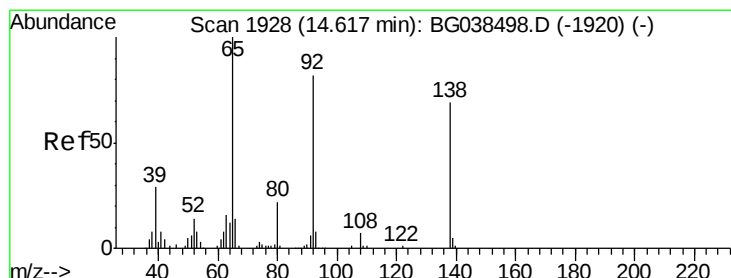
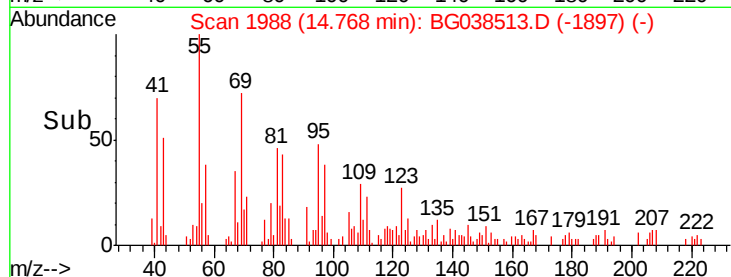
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#53

3-Nitroaniline

Concen: 0.233 ng

RT: 14.62 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

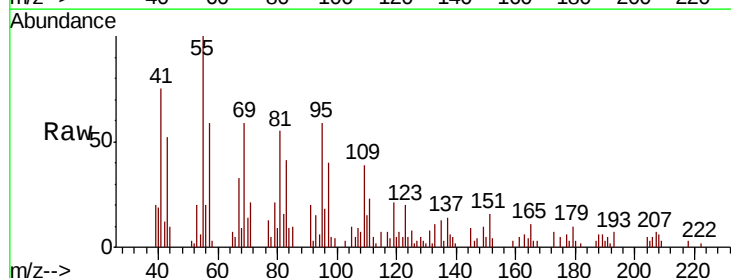
Tgt Ion:138 Resp: 275

Ion Ratio Lower Upper

138 100

108 117.5 7.9 11.9#

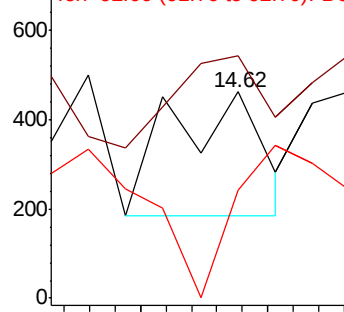
92 52.2 95.3 142.9#



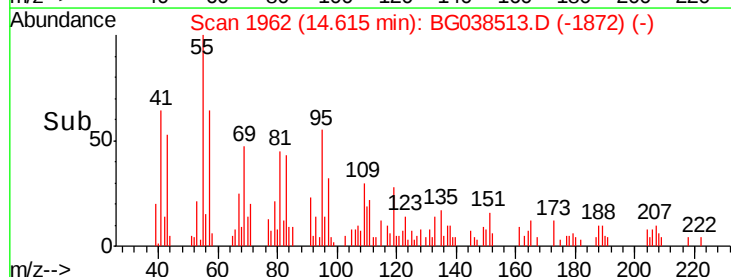
Abundance Ion 138.00 (137.70 to 138.70): E

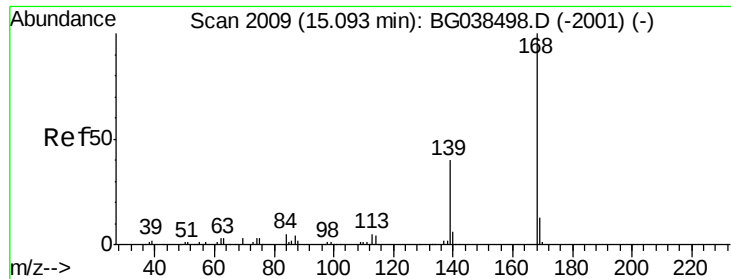
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



Time-->





#55

Dibenzenofuran

Concen: 0.058 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

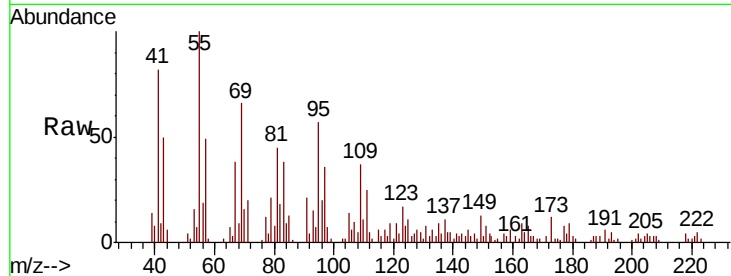
Tgt Ion:168 Resp: 363

Ion Ratio Lower Upper

168 100

139 252.9 32.2 48.2#

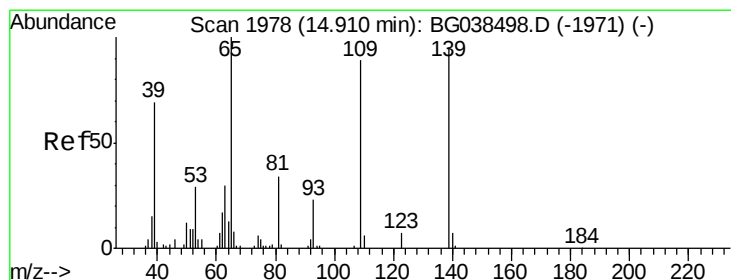
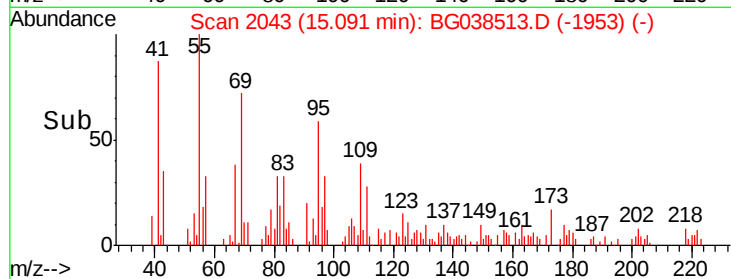
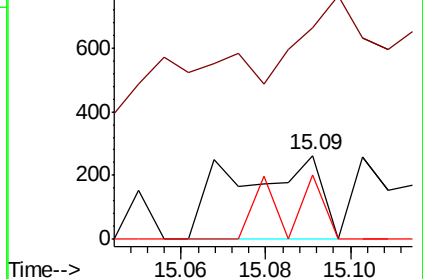
169 76.4 10.6 16.0#



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

4-Nitrophenol

Concen: 0.525 ng

RT: 14.93 min Scan# 2015

Delta R.T. 0.02 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

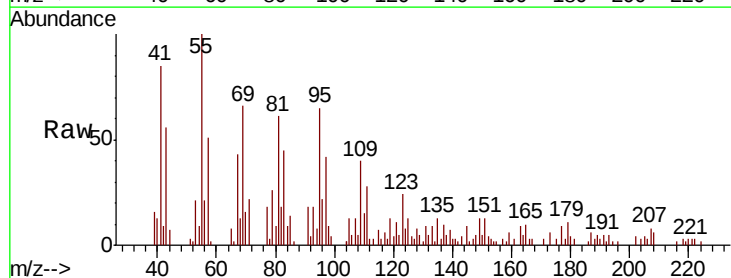
Tgt Ion:139 Resp: 470

Ion Ratio Lower Upper

139 100

109 549.2 73.6 113.6#

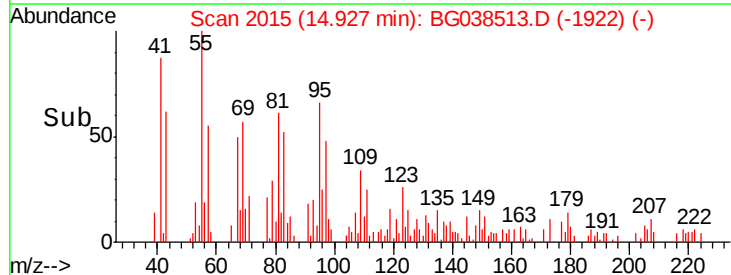
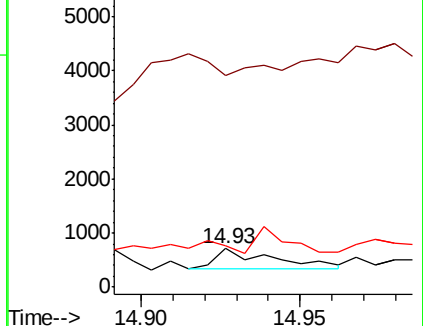
65 108.9 84.8 124.8

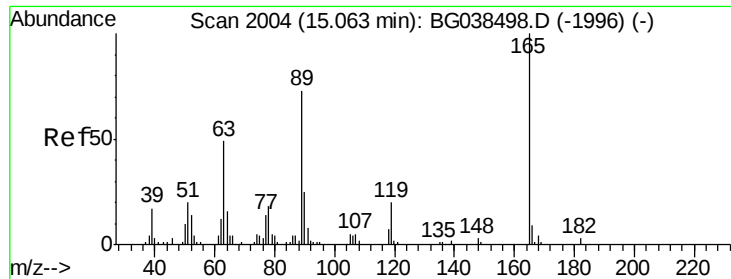


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

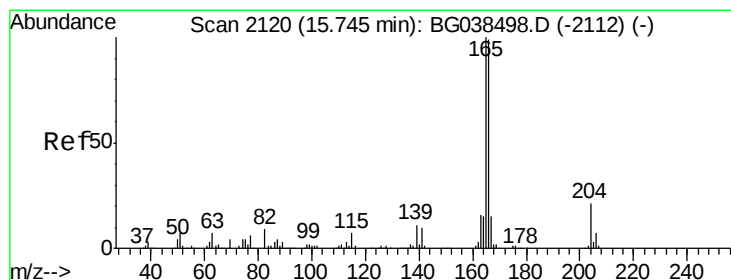
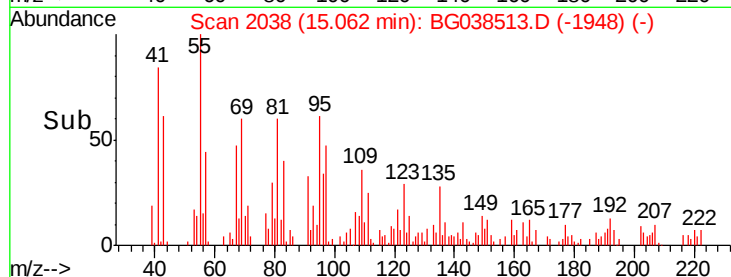
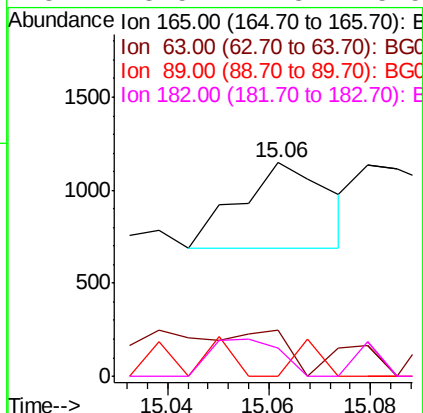
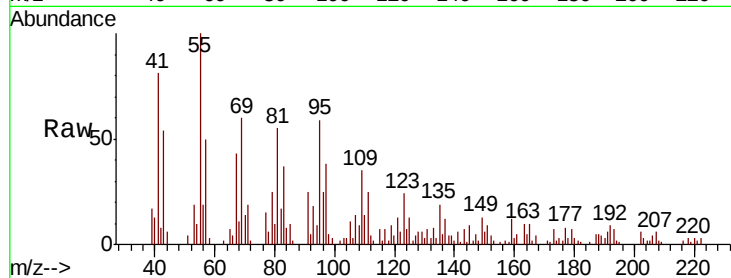




#57
2,4-Dinitrotoluene
Concen: 0.344 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

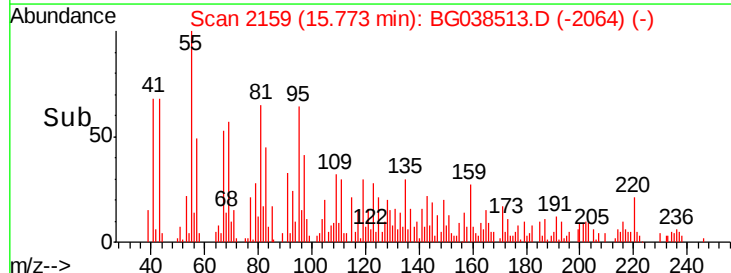
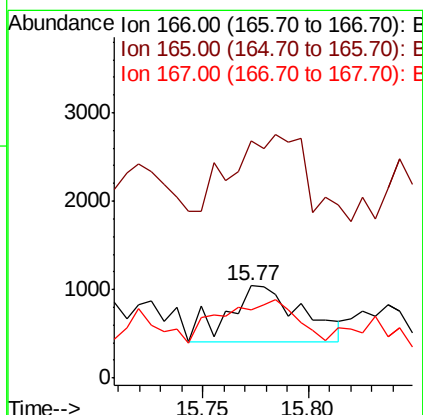
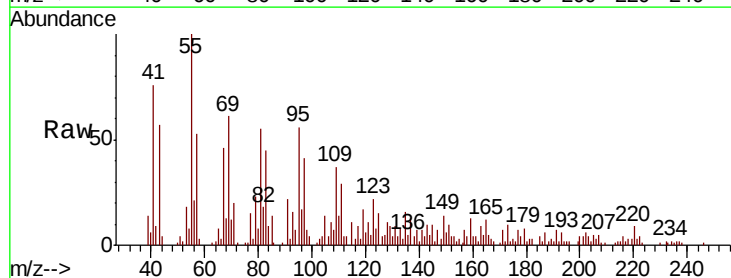
Instrument :
BNA_G
ClientSampleId :
RBR-200031

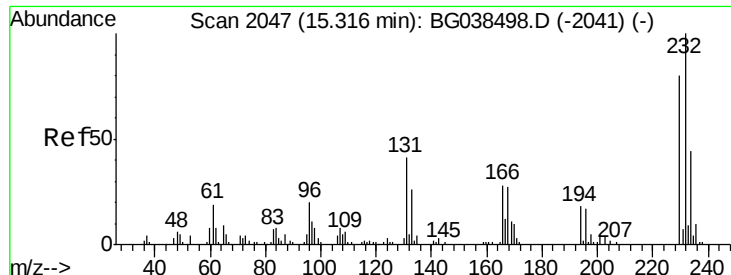
Tgt Ion:165 Resp: 562
Ion Ratio Lower Upper
165 100
63 21.7 39.0 58.4#
89 0.0 58.0 87.0#
182 13.5 2.3 3.5#



#58
Fluorene
Concen: 0.333 ng
RT: 15.77 min Scan# 2159
Delta R.T. 0.03 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:166 Resp: 1533
Ion Ratio Lower Upper
166 100
165 257.6 80.6 120.8#
167 74.8 12.0 18.0#

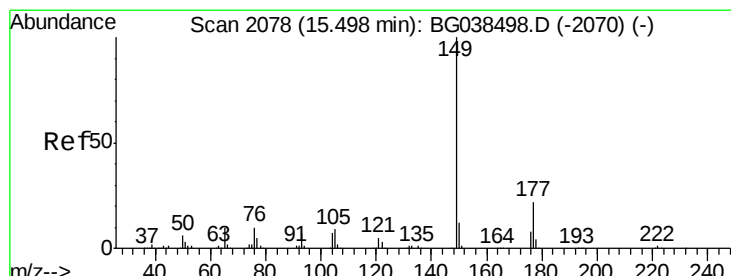
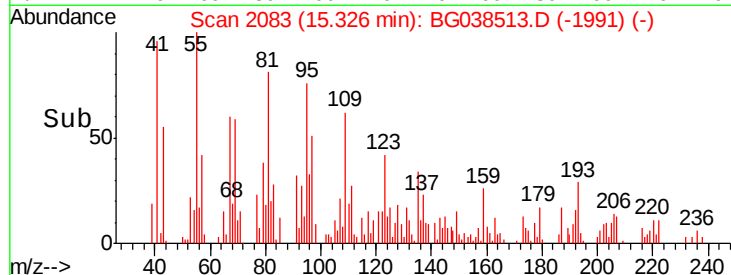
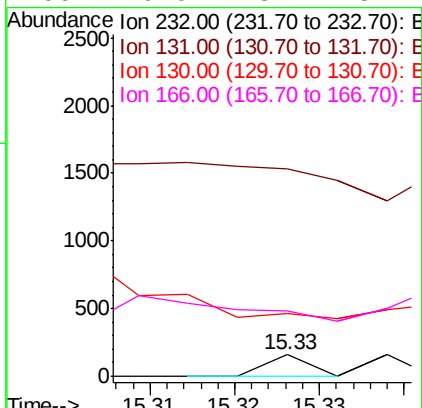
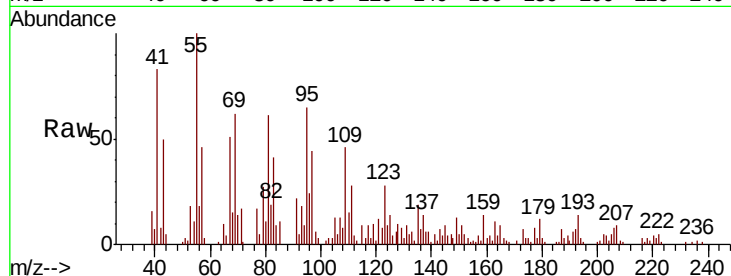




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.041 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

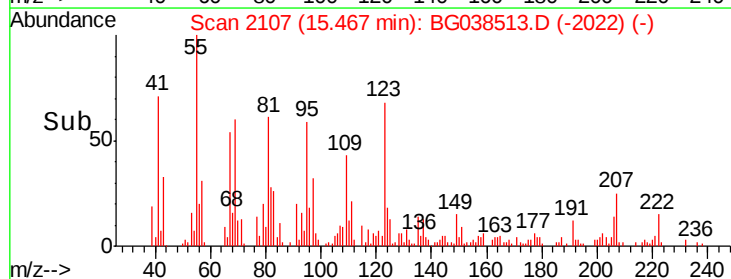
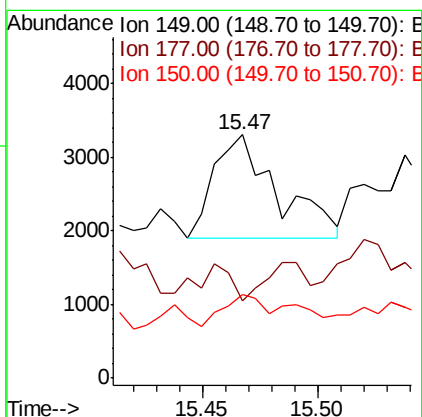
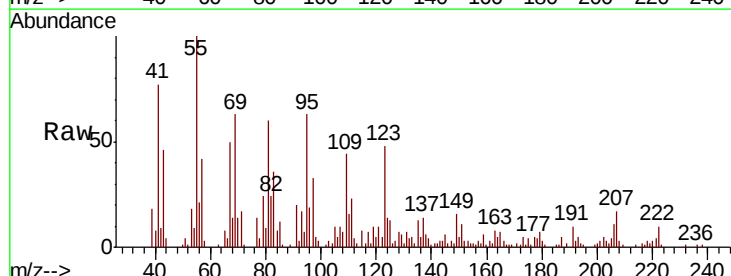
Instrument :
BNA_G
ClientSampleId :
RBR-200031

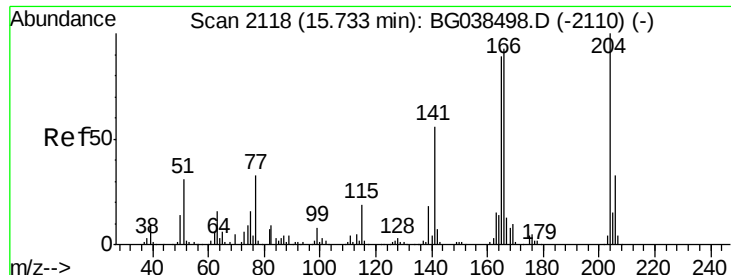
Tgt Ion: 232 Resp: 56
Ion Ratio Lower Upper
232 100
131 0.0 33.0 49.4#
130 0.0 2.0 3.0#
166 0.0 23.1 34.7#



#60
Diethylphthalate
Concen: 0.481 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.03 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion: 149 Resp: 2697
Ion Ratio Lower Upper
149 100
177 31.8 17.7 26.5#
150 34.5 9.9 14.9#

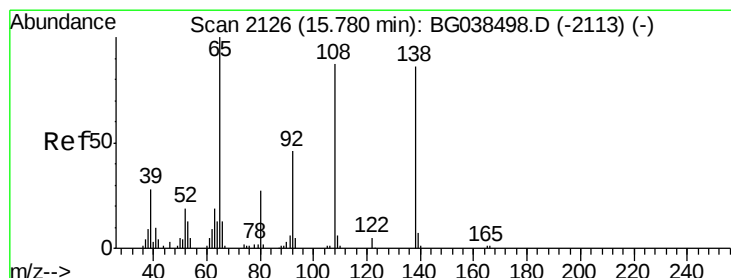
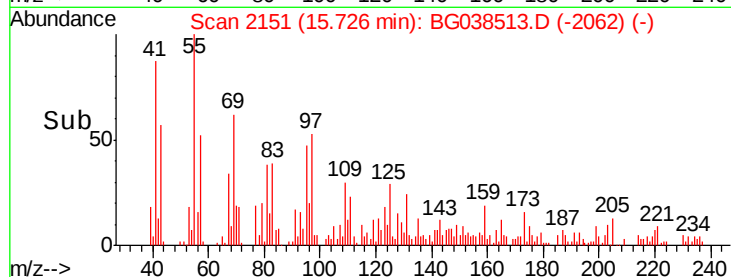
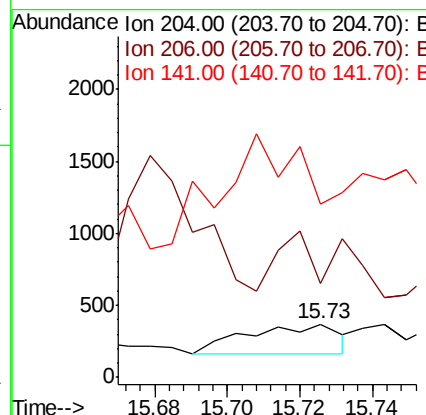
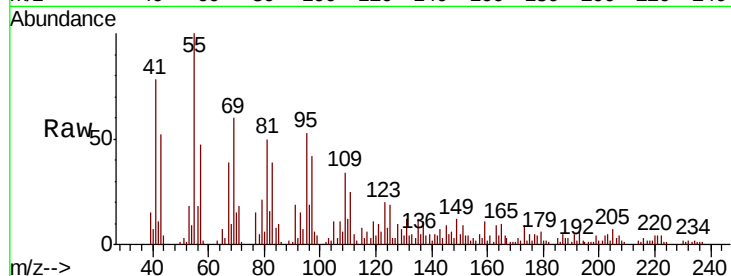




#61
4-Chlorophenyl-phenylether
Concen: 0.125 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

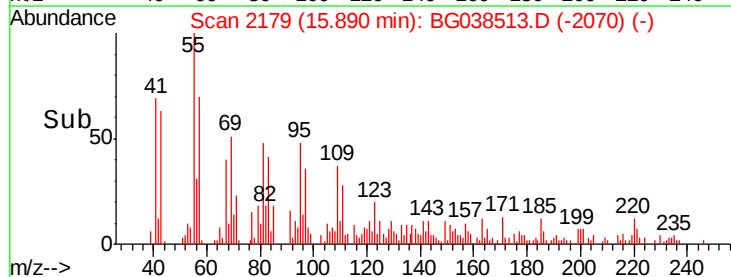
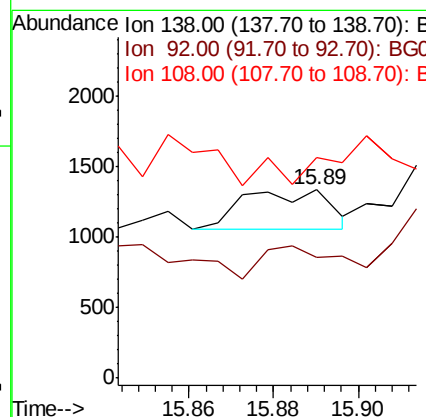
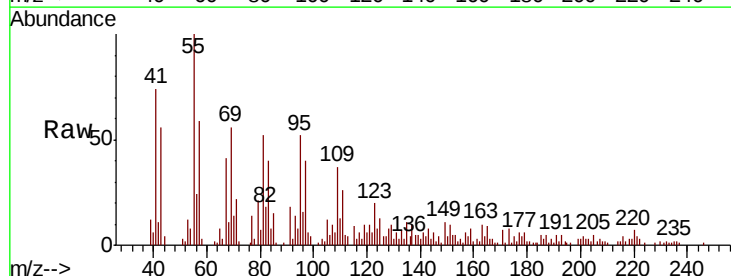
Instrument :
BNA_G
ClientSampled :
RBR-200031

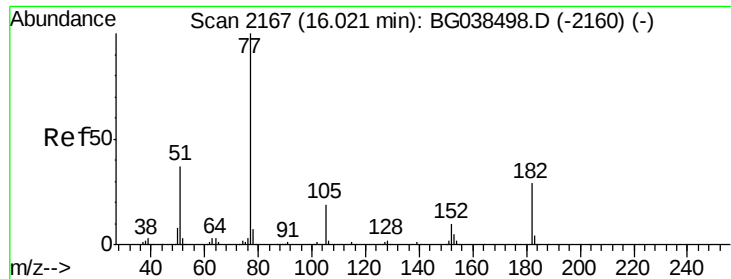
Tgt Ion: 204 Resp: 358
Ion Ratio Lower Upper
204 100
206 177.7 26.0 39.0#
141 326.7 44.4 66.6#



#62
4-Nitroaniline
Concen: 0.318 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.11 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion: 138 Resp: 387
Ion Ratio Lower Upper
138 100
92 64.3 33.3 73.3
108 117.0 81.4 121.4





#63

Azobenzene

Concen: 0.137 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

Tgt Ion: 77 Resp: 641

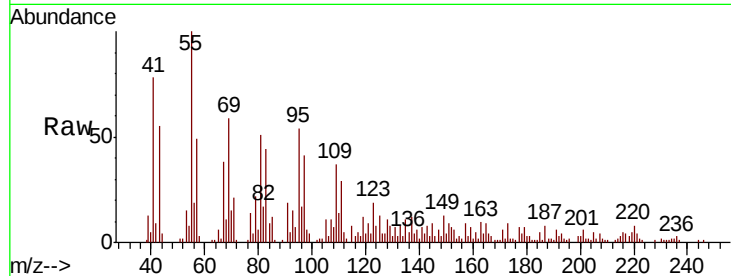
Ion Ratio Lower Upper

77 100

182 8.9 8.7 48.7

105 75.6 0.0 38.7#

51 17.0 16.6 56.6

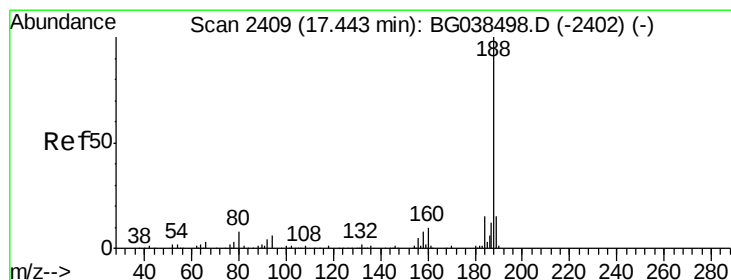
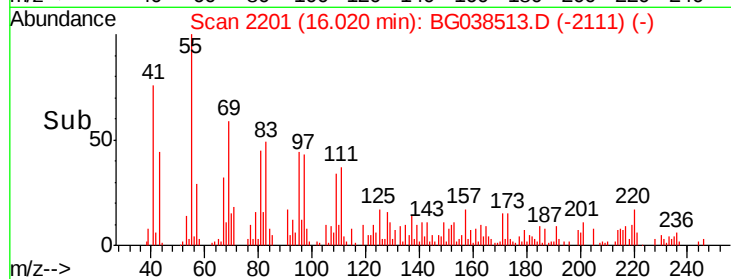
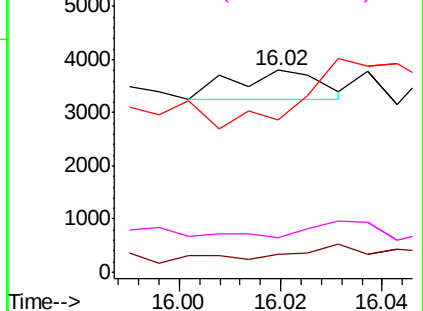


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

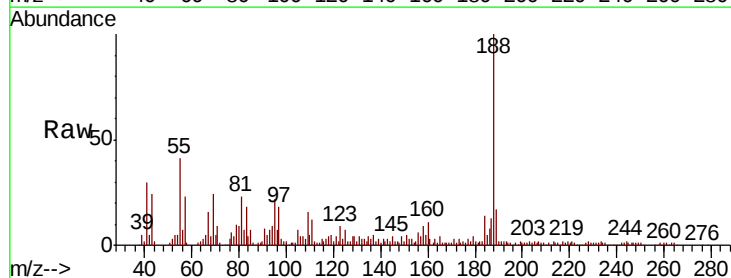
Tgt Ion: 188 Resp: 137314

Ion Ratio Lower Upper

188 100

94 9.0 5.1 7.7#

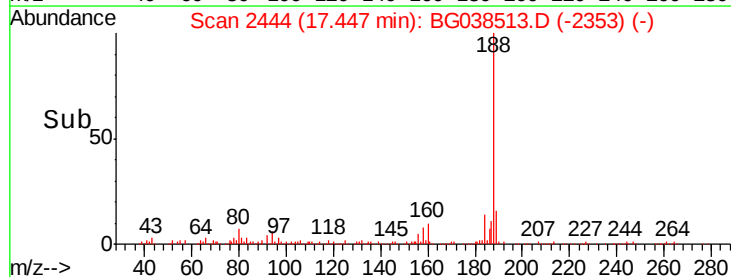
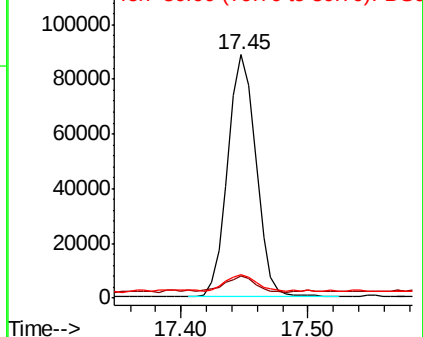
80 9.4 6.1 9.1#

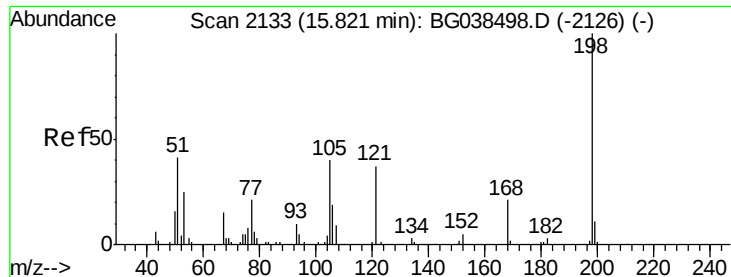


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

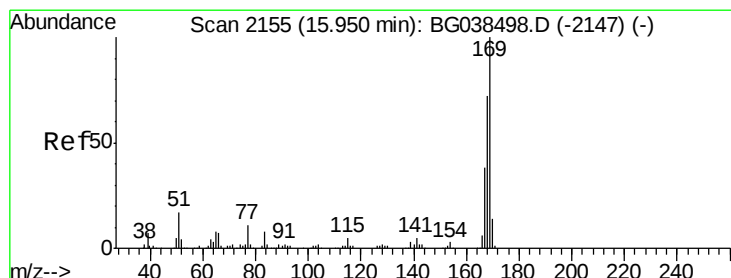
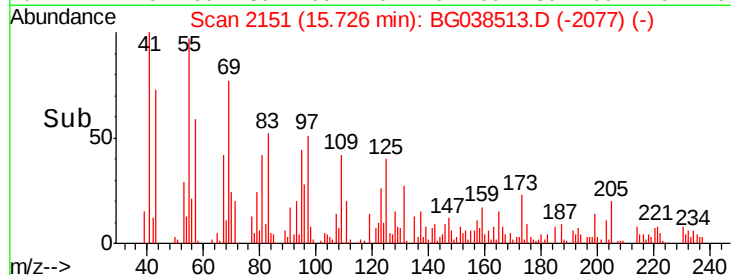
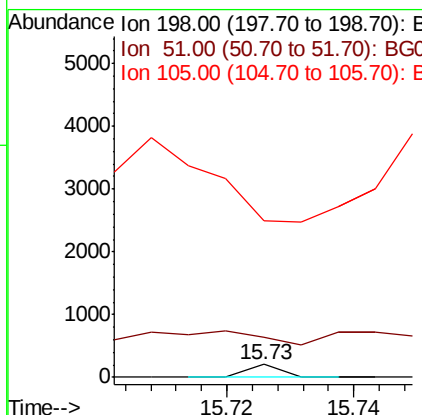
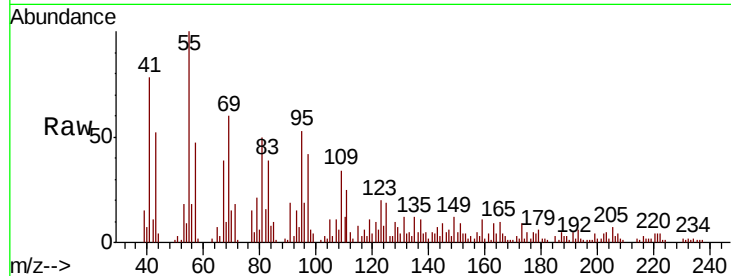




#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.072 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.10 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

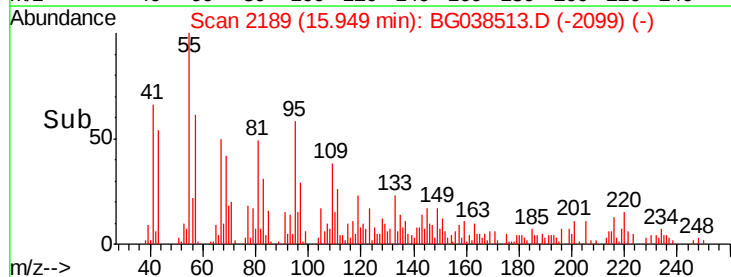
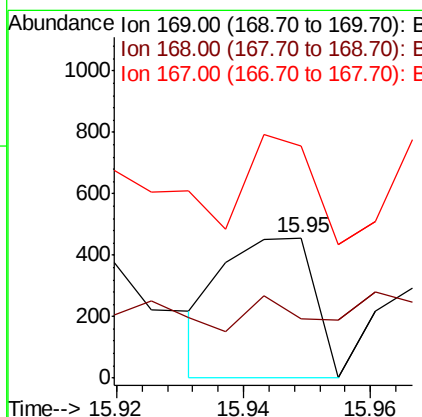
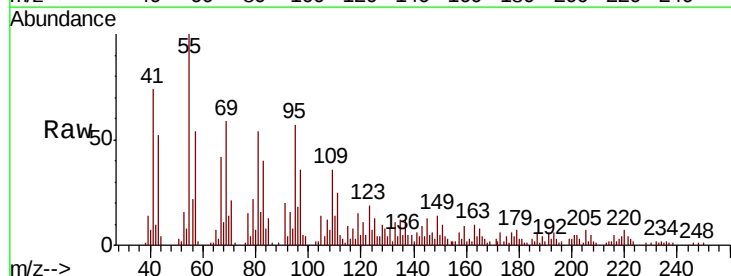
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

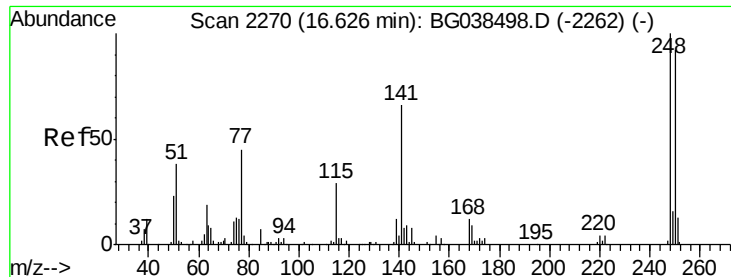
Tgt Ion:198 Resp: 71
 Ion Ratio Lower Upper
 198 100
 51 313.4 28.6 68.6#
 105 1239.6 20.4 60.4#



#66
 n-Nitrosodiphenylamine
 Concen: 0.112 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion:169 Resp: 452
 Ion Ratio Lower Upper
 169 100
 168 42.5 57.5 86.3#
 167 165.8 30.2 45.2#

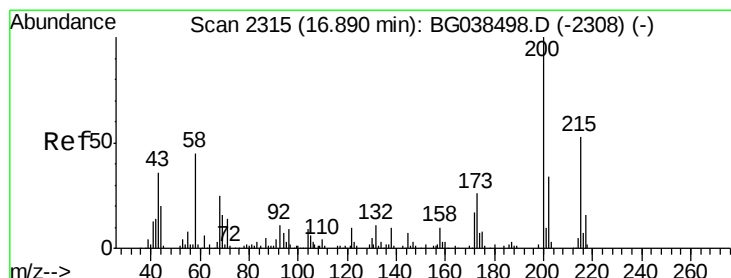
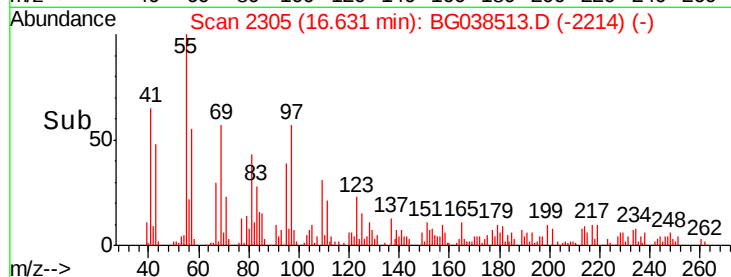
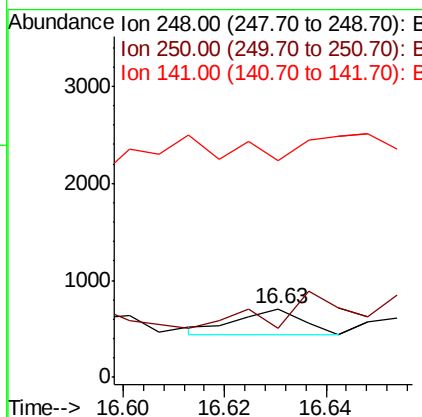
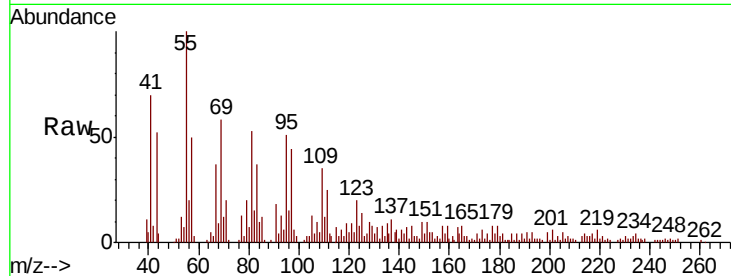




#67
4-Bromophenyl-phenylether
Concen: 0.140 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

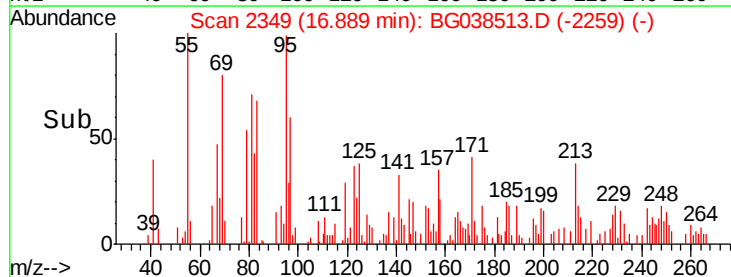
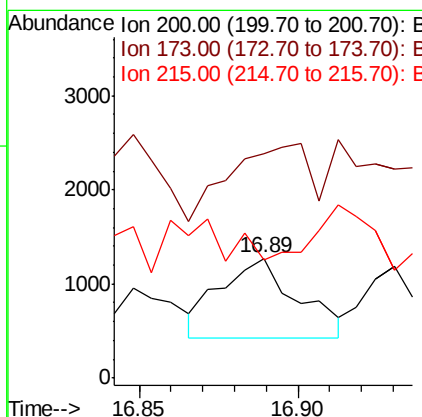
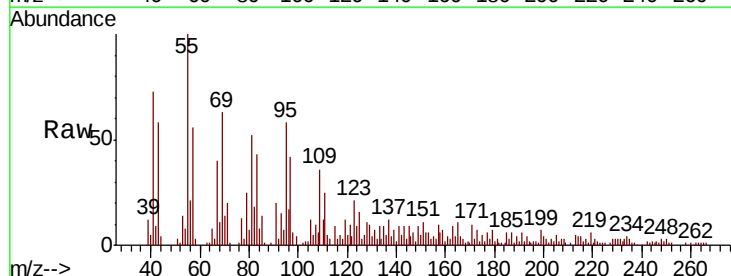
Instrument :
BNA_G
ClientSampleId :
RBR-200031

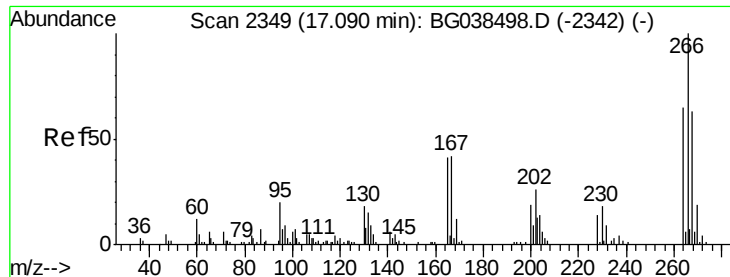
Tgt Ion:248 Resp: 235
Ion Ratio Lower Upper
248 100
250 72.6 73.4 110.2#
141 318.0 52.9 79.3#



#69
Atrazine
Concen: 0.961 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:200 Resp: 1439
Ion Ratio Lower Upper
200 100
173 188.0 5.9 45.9#
215 98.9 33.1 73.1#





#70

Pentachlorophenol

Concen: 0.295 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

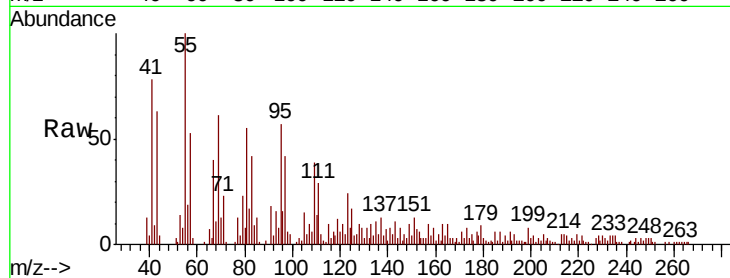
Tgt Ion:266 Resp: 303

Ion Ratio Lower Upper

266 100

268 0.0 55.0 82.6#

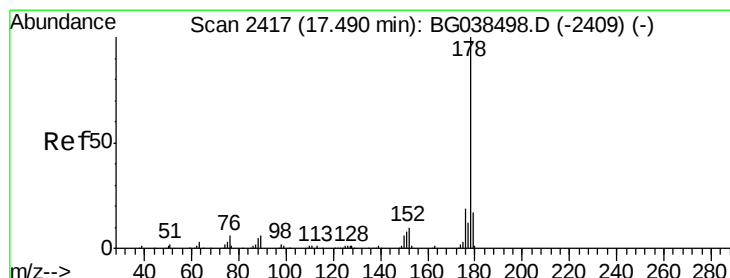
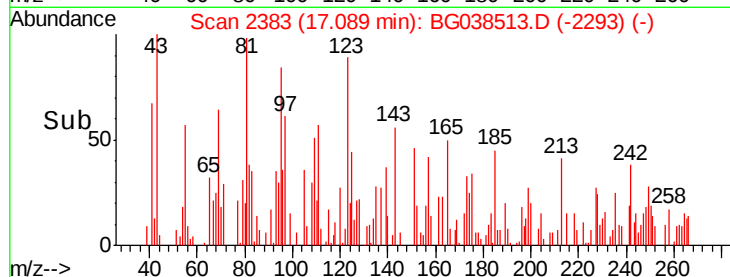
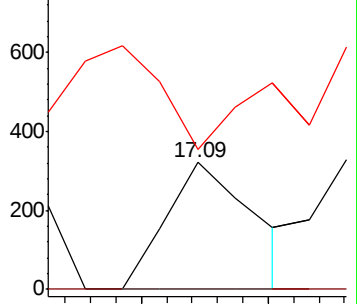
264 110.3 56.7 85.1#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71

Phenanthrene

Concen: 0.118 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

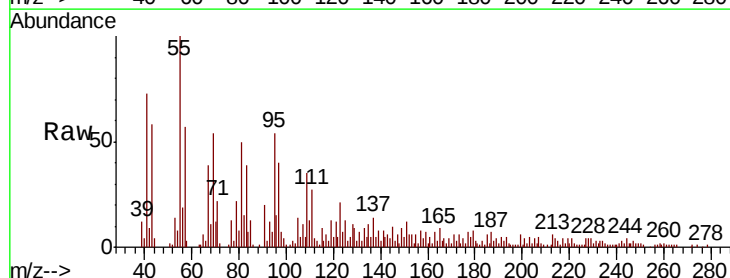
Tgt Ion:178 Resp: 839

Ion Ratio Lower Upper

178 100

176 36.6 15.1 22.7#

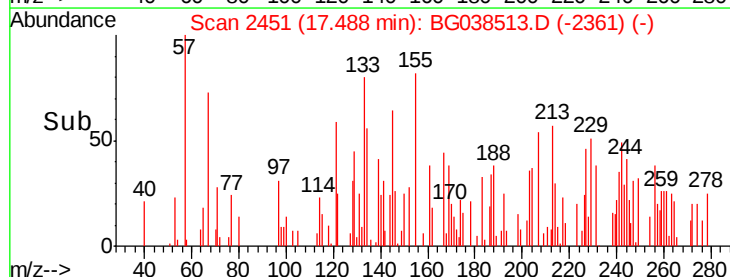
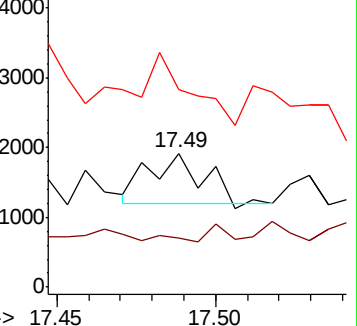
179 147.3 13.2 19.8#

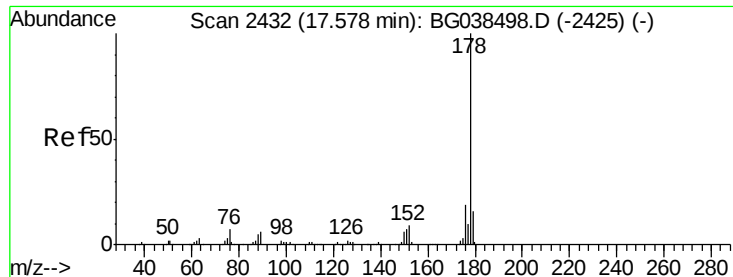


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.091 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Instrument :

BNA_G

ClientSampleId :

RBR-200031

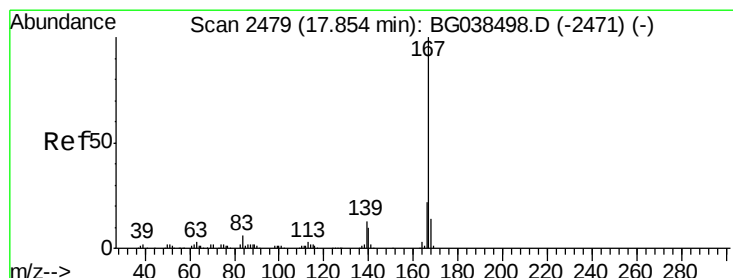
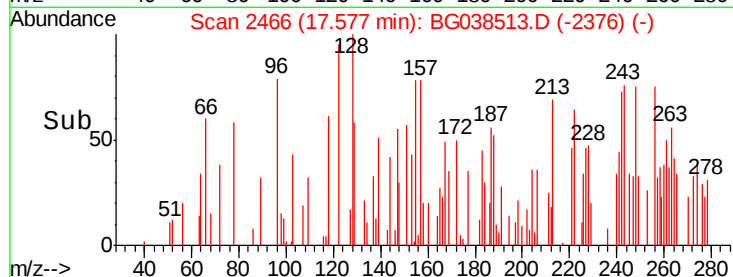
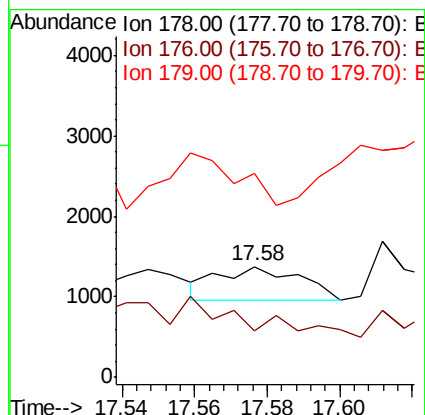
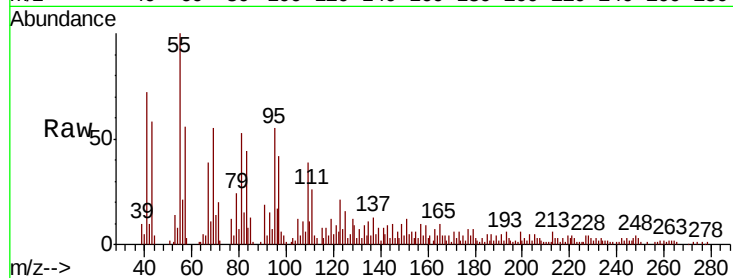
Tgt Ion:178 Resp: 640

Ion Ratio Lower Upper

178 100

176 41.9 15.1 22.7#

179 184.4 12.9 19.3#



#73

Carbazole

Concen: 0.048 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.01 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

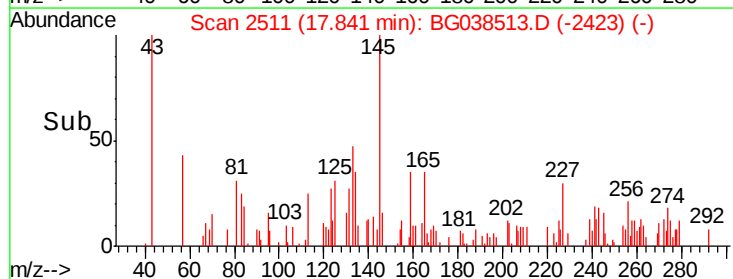
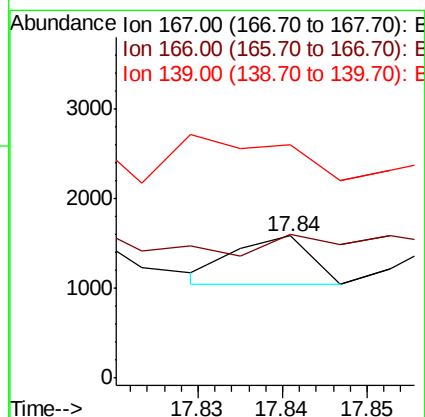
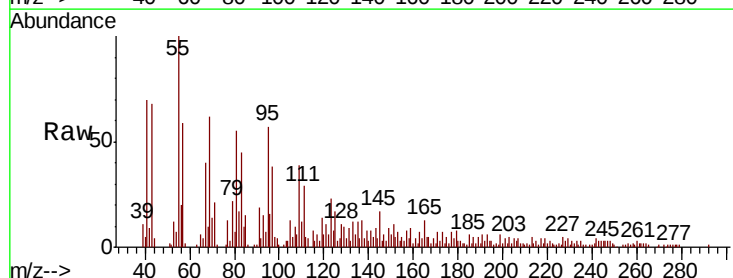
Tgt Ion:167 Resp: 336

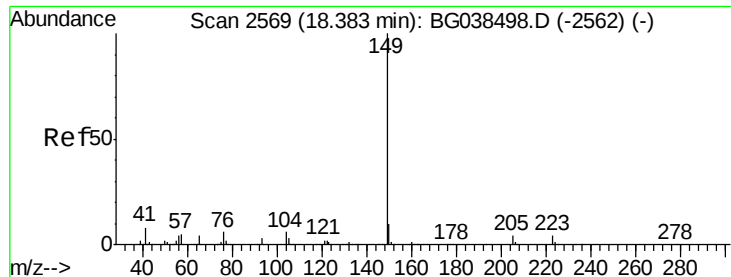
Ion Ratio Lower Upper

167 100

166 101.2 17.9 26.9#

139 163.6 10.2 15.2#

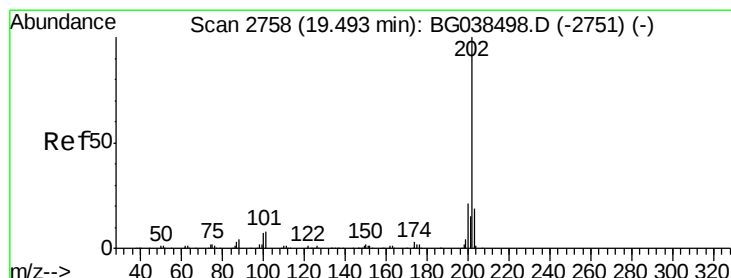
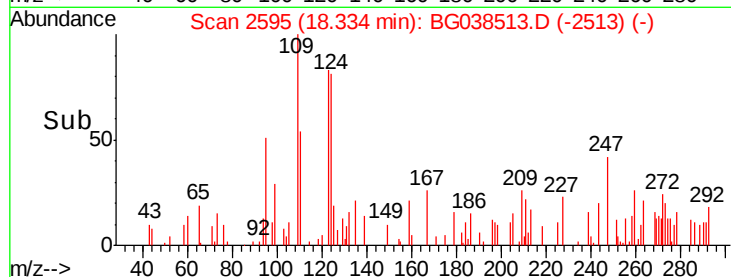
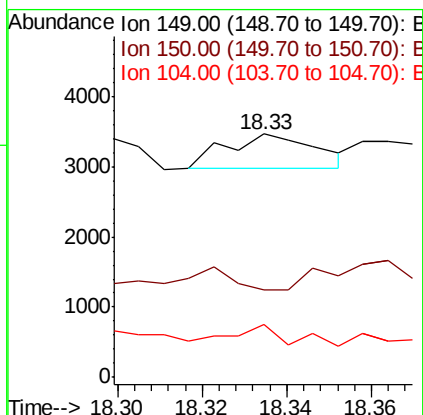
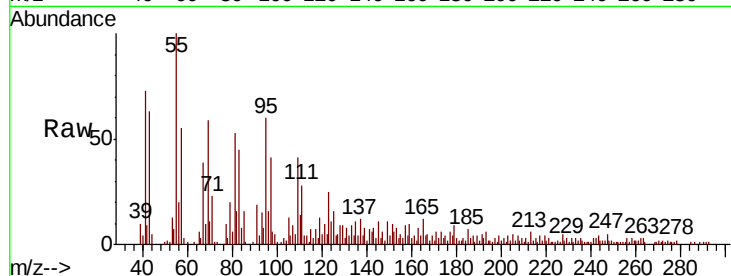




#74
Di-n-butylphthalate
Concen: 0.092 ng
RT: 18.33 min Scan# 2595
Delta R.T. -0.05 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

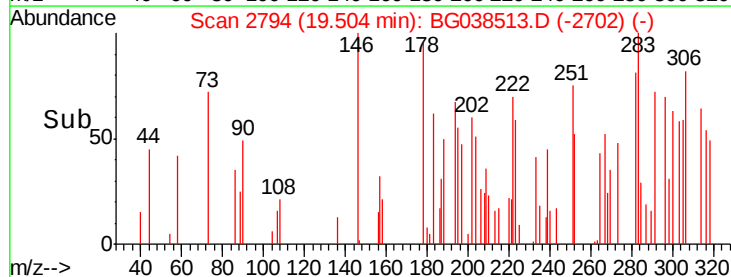
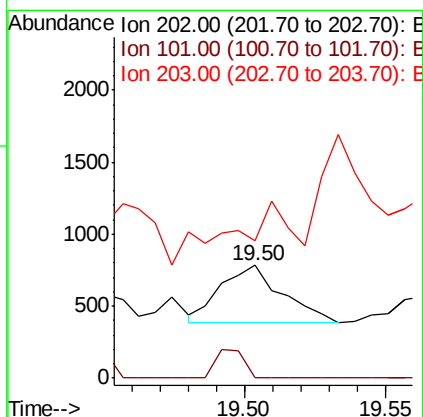
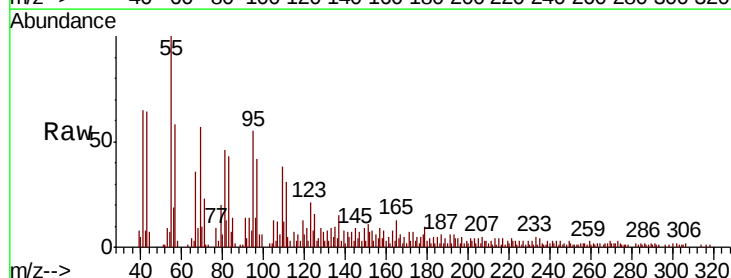
Instrument :
BNA_G
ClientSampleId :
RBR-200031

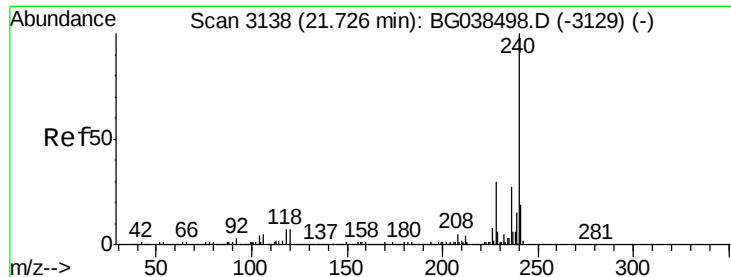
Tgt Ion:149 Resp: 736
Ion Ratio Lower Upper
149 100
150 36.0 7.6 11.4#
104 21.9 5.0 7.4#



#75
Fluoranthene
Concen: 0.069 ng
RT: 19.50 min Scan# 2794
Delta R.T. 0.01 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:202 Resp: 609
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.1
203 121.9 0.0 39.0#

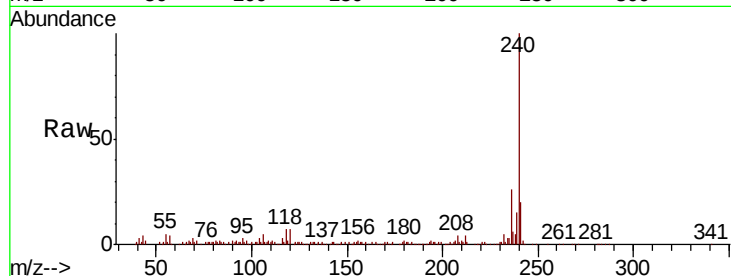




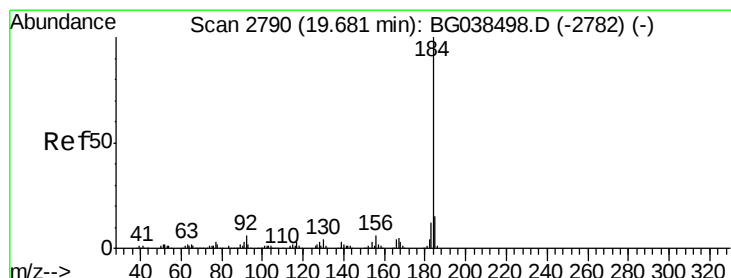
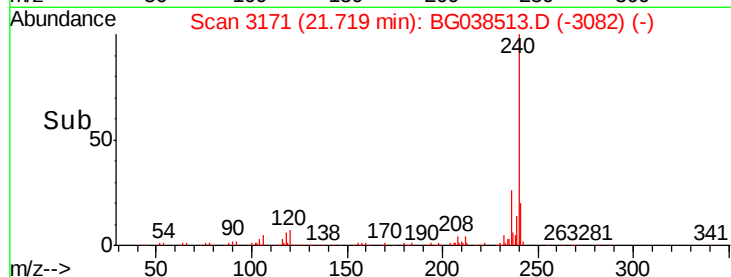
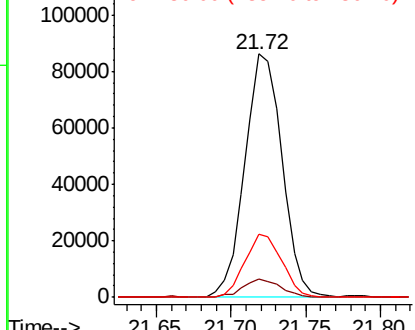
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Instrument :
BNA_G
ClientSampleId :
RBR-200031

Tgt Ion:240 Resp: 148591
Ion Ratio Lower Upper
240 100
120 7.4 5.3 7.9
236 26.1 21.4 32.2

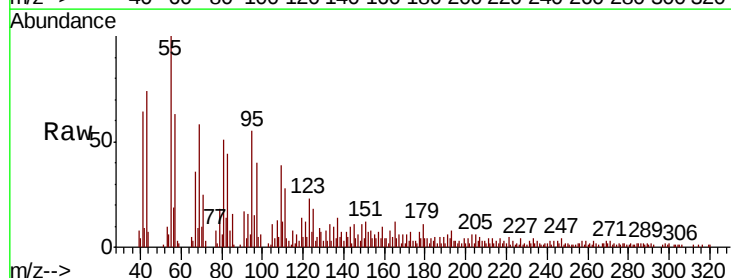


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

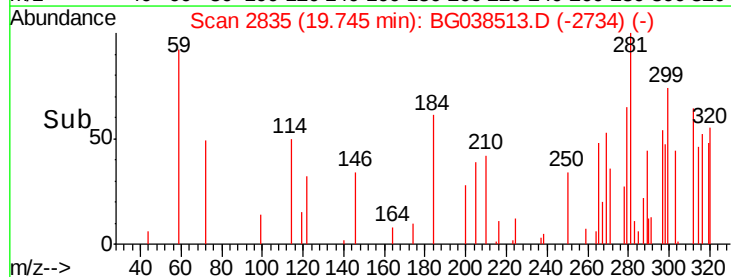
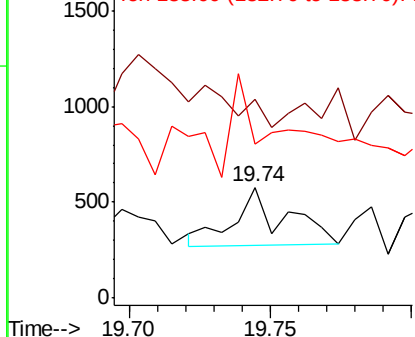


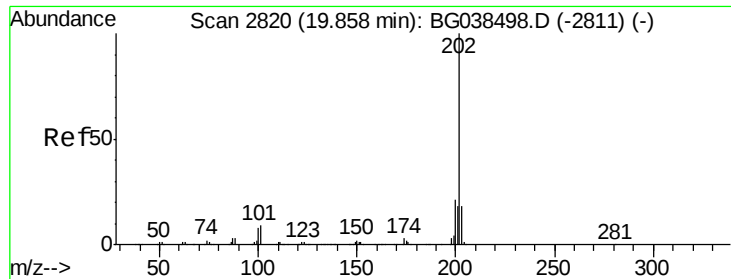
#77
Benzidine
Concen: 0.087 ng
RT: 19.74 min Scan# 2835
Delta R.T. 0.06 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:184 Resp: 382
Ion Ratio Lower Upper
184 100
185 179.2 12.2 18.2#
183 139.1 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

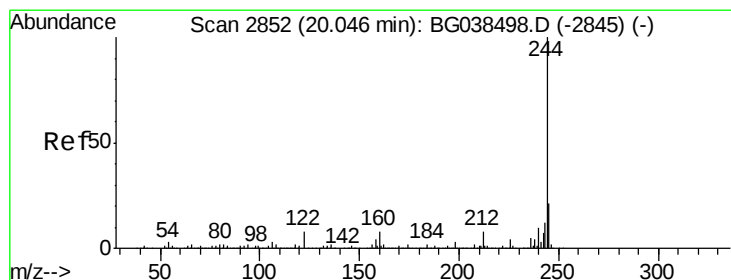
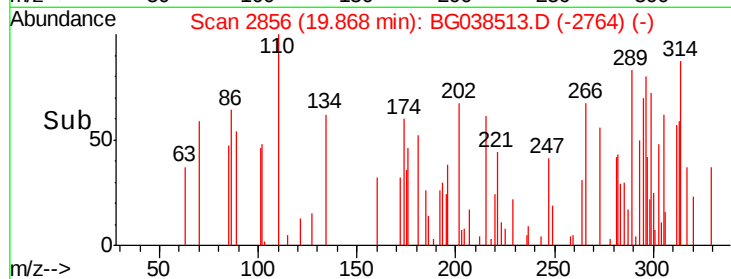
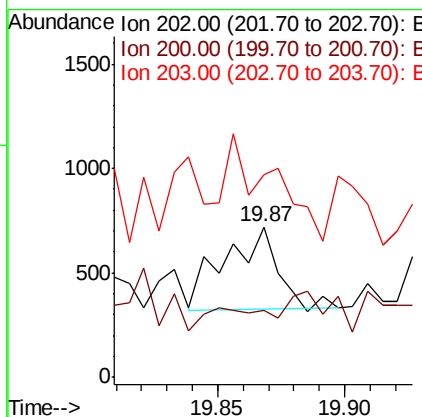
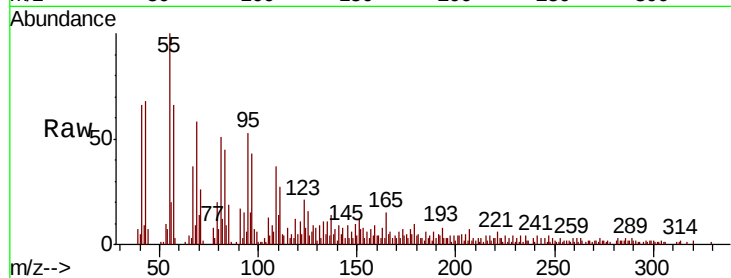




#78
 Pyrene
 Concen: 0.059 ng
 RT: 19.87 min Scan# 2856
 Delta R.T. 0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

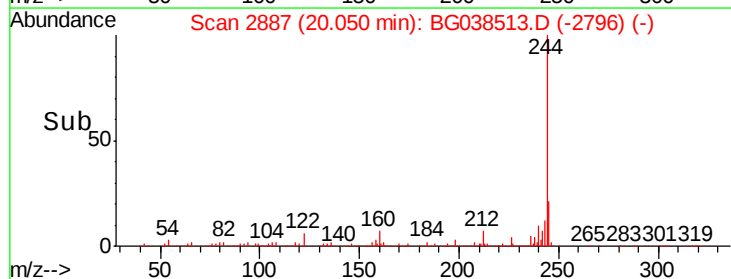
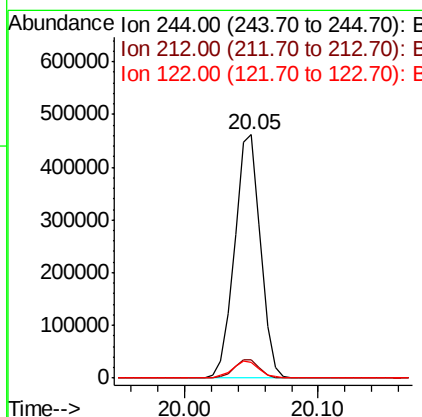
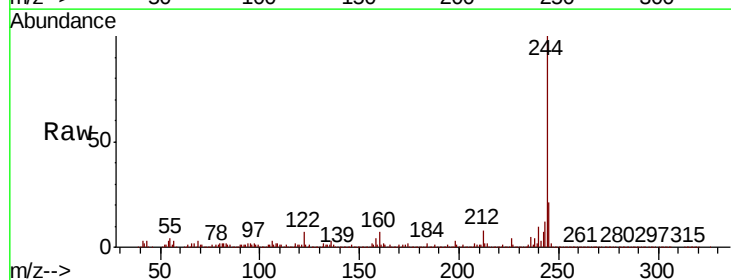
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

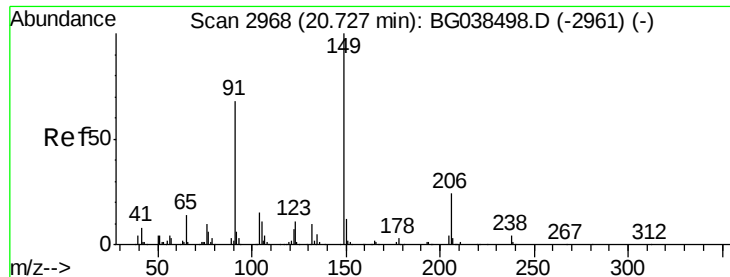
Tgt Ion: 202 Resp: 581
 Ion Ratio Lower Upper
 202 100
 200 44.4 16.6 25.0#
 203 134.4 14.6 21.8#



#79
 Terphenyl-d14
 Concen: 91.123 ng
 RT: 20.05 min Scan# 2887
 Delta R.T. 0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion: 244 Resp: 622150
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 6.6 6.3 9.5

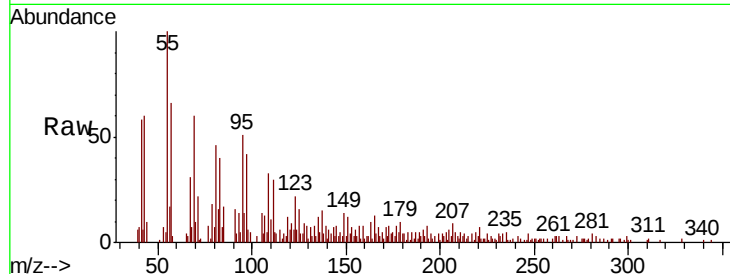




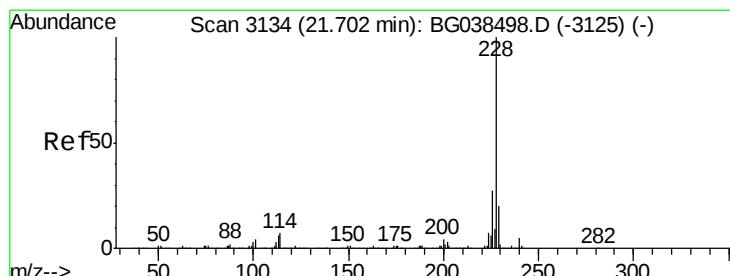
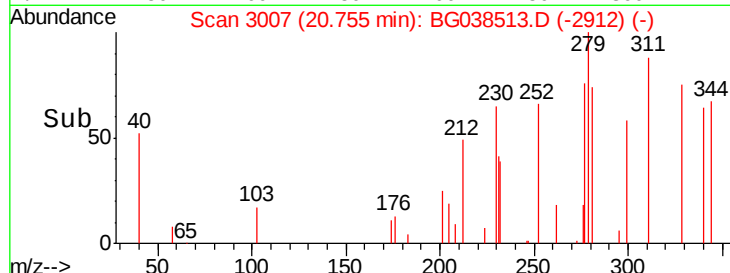
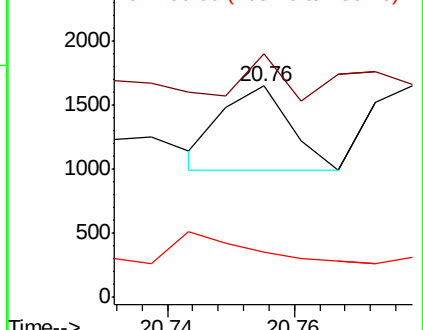
#80
Butylbenzylphthalate
Concen: 0.126 ng
RT: 20.76 min Scan# 3007
Delta R.T. 0.03 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Instrument :
BNA_G
ClientSampleId :
RBR-200031

Tgt Ion:149 Resp: 482
Ion Ratio Lower Upper
149 100
91 115.2 54.5 81.7#
206 21.6 19.0 28.6

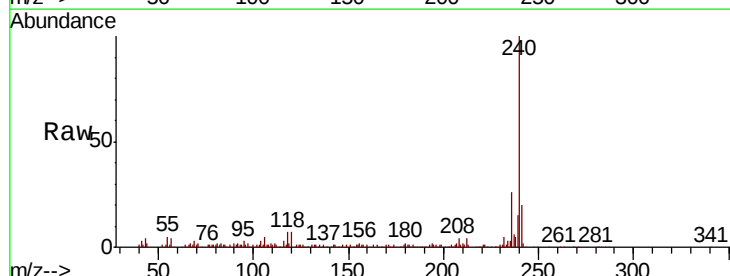


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

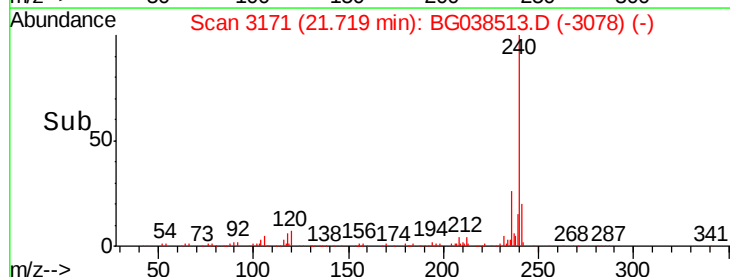
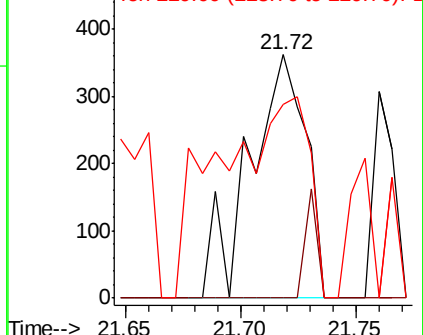


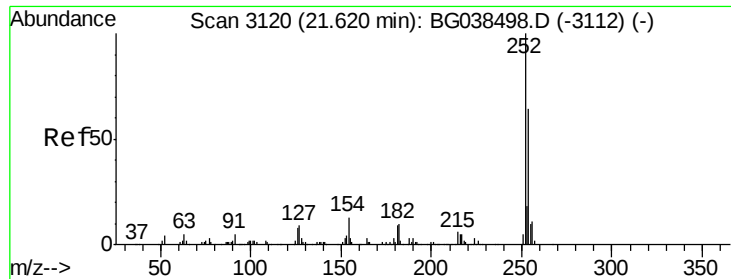
#81
Benzo(a)anthracene
Concen: 0.068 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.02 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:228 Resp: 613
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 79.6 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

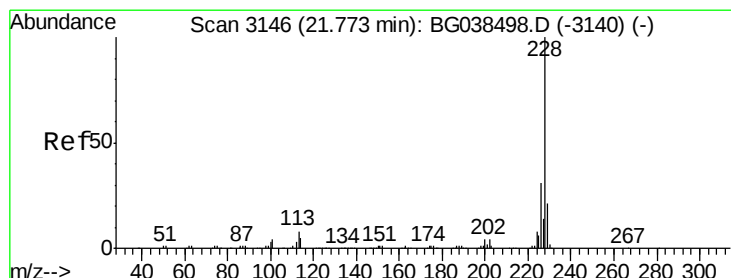
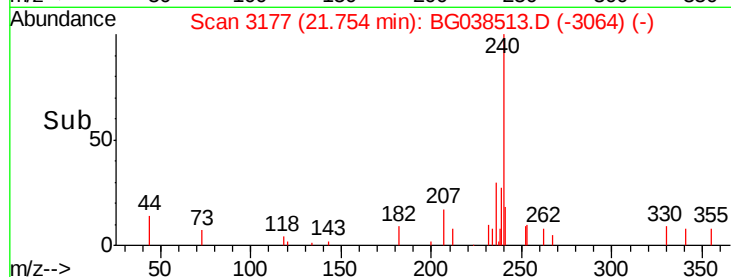
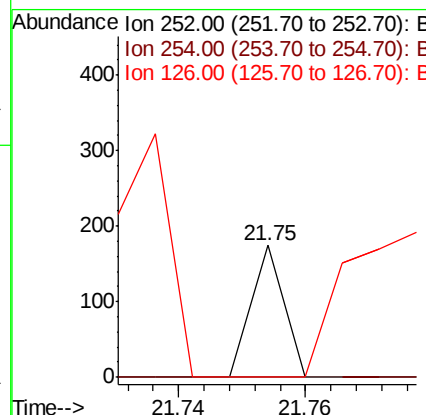
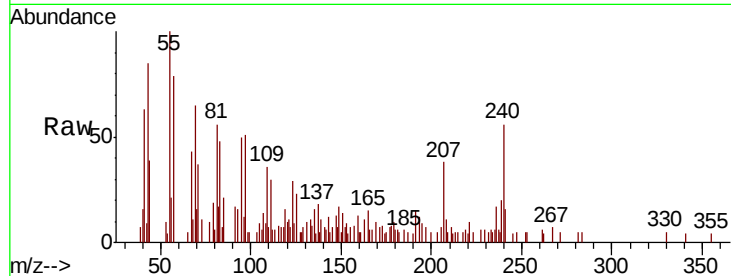




#82
 3,3'-Dichlorobenzidine
 Concen: 0.017 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. 0.13 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

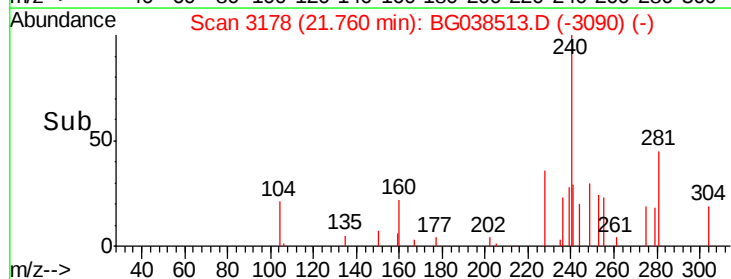
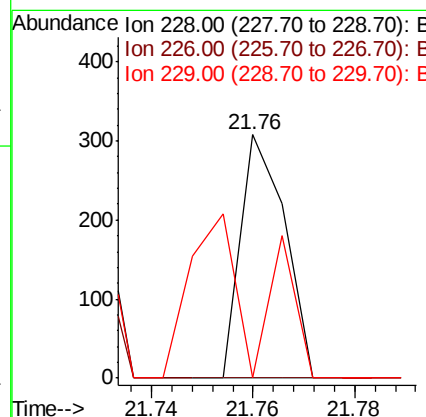
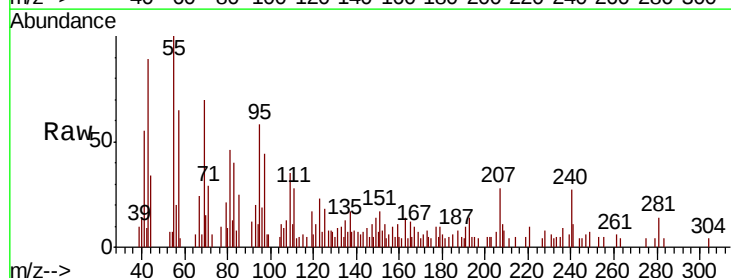
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

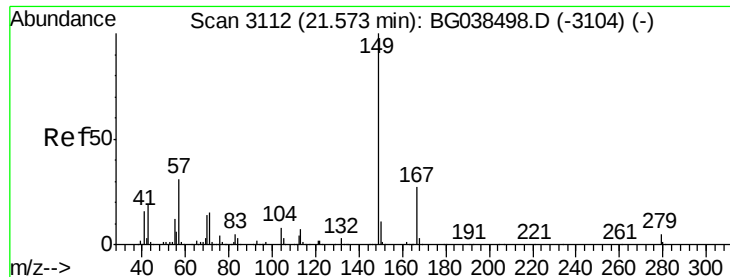
Tgt Ion: 252 Resp: 61
 Ion Ratio Lower Upper
 252 100
 254 0.0 50.9 76.3#
 126 0.0 6.3 9.5#



#83
 Chrysene
 Concen: 0.021 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion: 228 Resp: 186
 Ion Ratio Lower Upper
 228 100
 226 0.0 25.0 37.4#
 229 0.0 16.5 24.7#

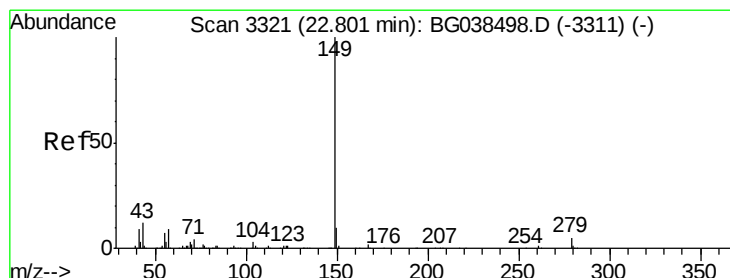
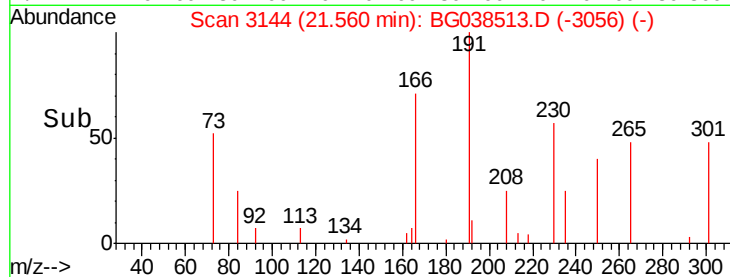
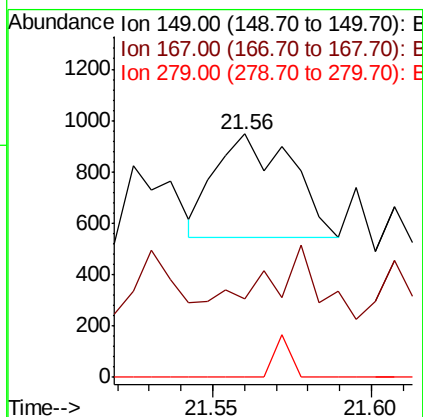
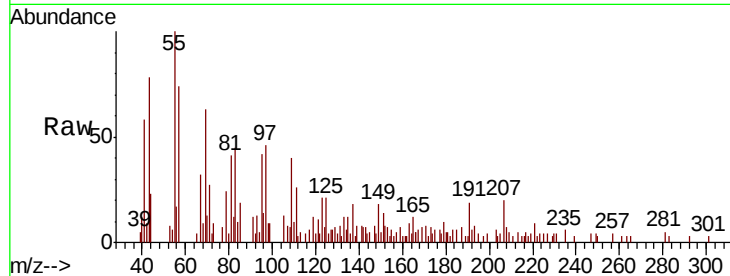




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.122 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

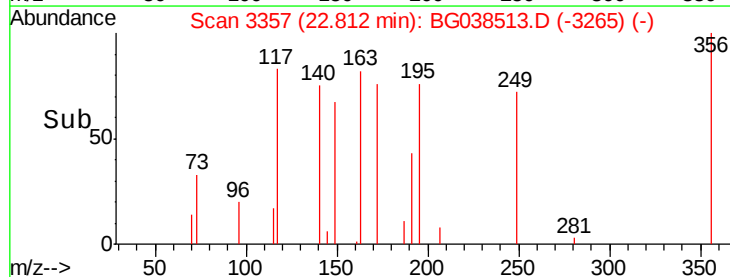
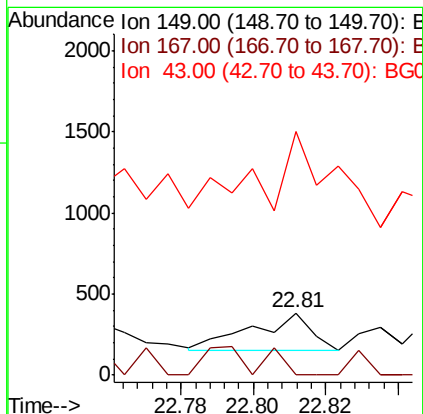
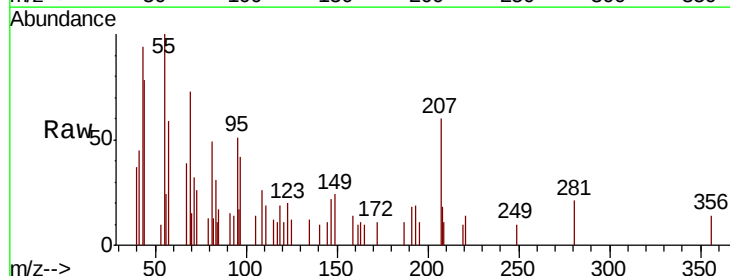
Instrument :
 BNA_G
 ClientSampleId :
 RBR-200031

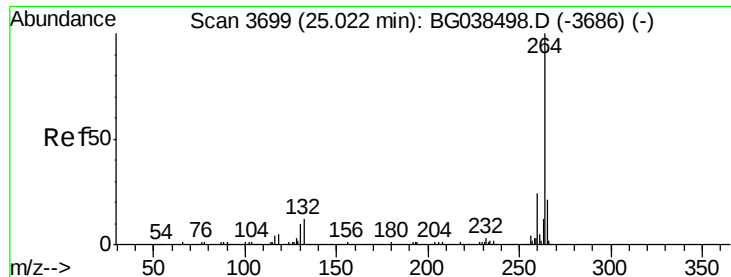
Tgt Ion:149 Resp: 664
 Ion Ratio Lower Upper
 149 100
 167 32.5 21.9 32.9
 279 0.0 4.2 6.2#



#85
 Di-n-octyl phthalate
 Concen: 0.029 ng
 RT: 22.81 min Scan# 3357
 Delta R.T. 0.01 min
 Lab File: BG038513.D
 Acq: 13 Dec 2018 00:41

Tgt Ion:149 Resp: 262
 Ion Ratio Lower Upper
 149 100
 167 69.8 1.2 1.8#
 43 197.7 9.3 13.9#

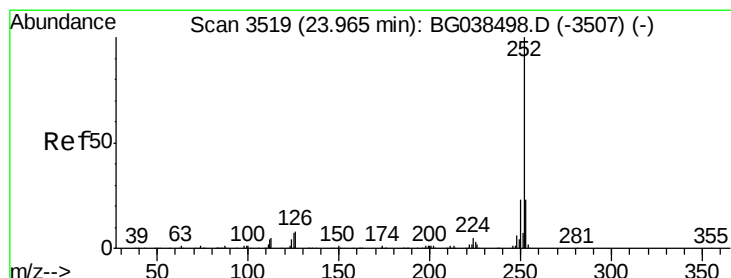
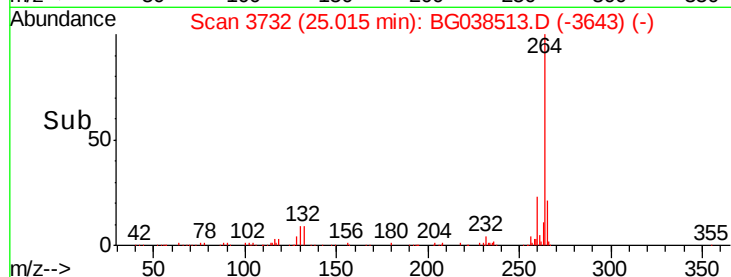
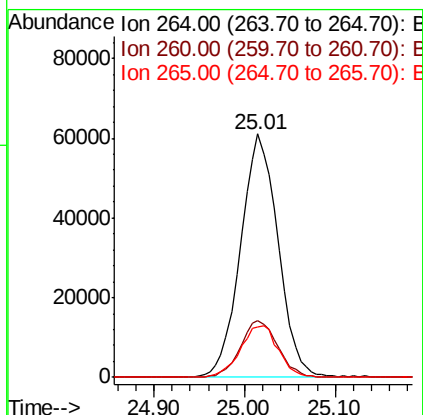
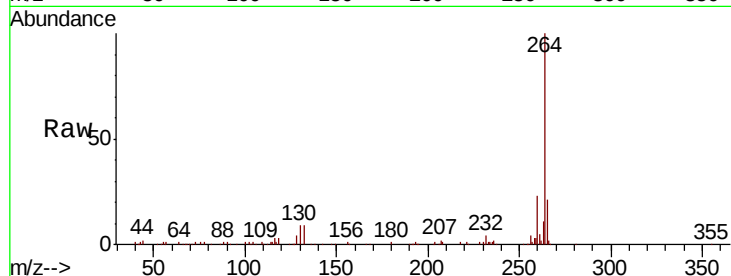




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

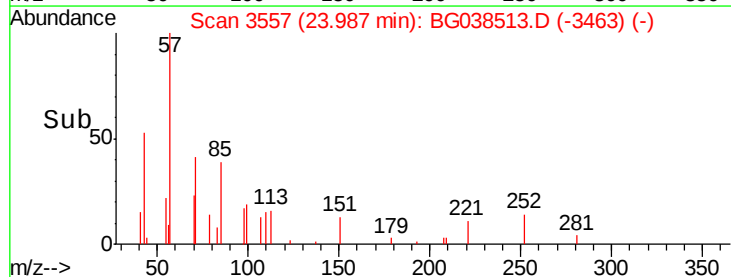
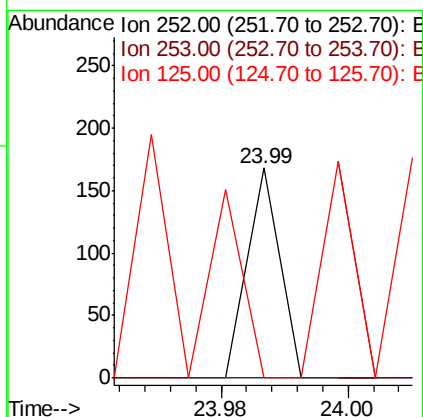
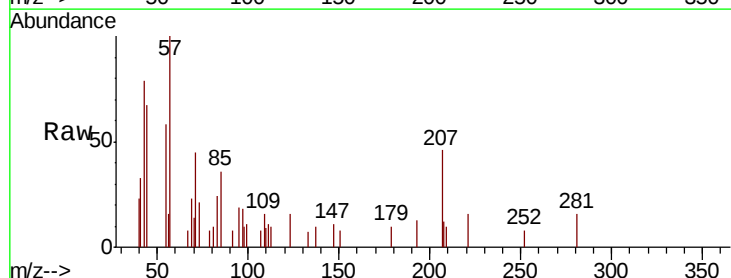
Instrument :
BNA_G
ClientSampleId :
RBR-200031

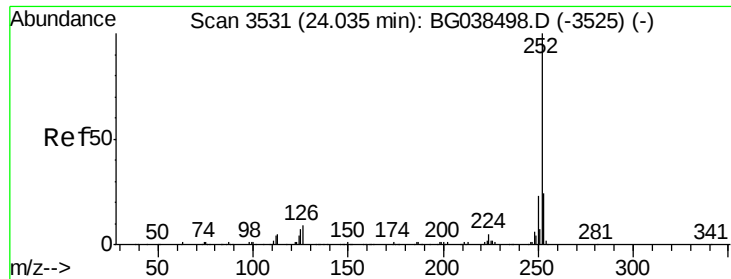
Tgt Ion:264 Resp: 175029
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 20.9 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 0.006 ng
RT: 23.99 min Scan# 3557
Delta R.T. 0.02 min
Lab File: BG038513.D
Acq: 13 Dec 2018 00:41

Tgt Ion:252 Resp: 59
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 5.5 8.3#





#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.05 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

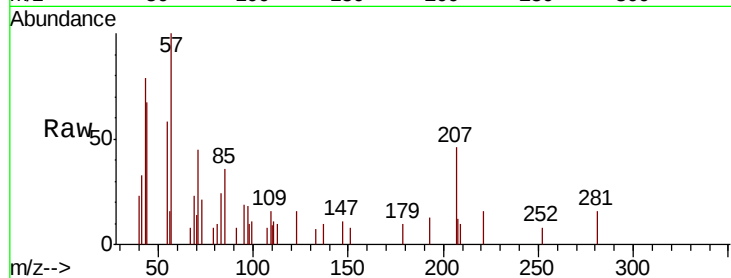
Instrument :

BNA_G

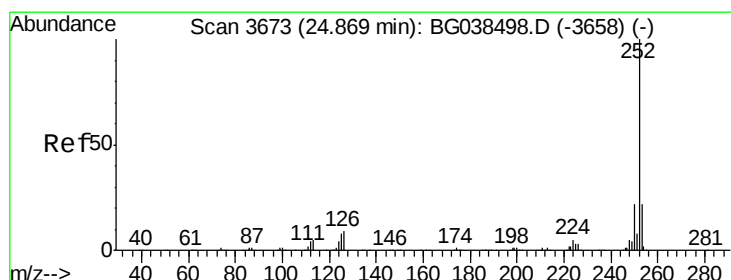
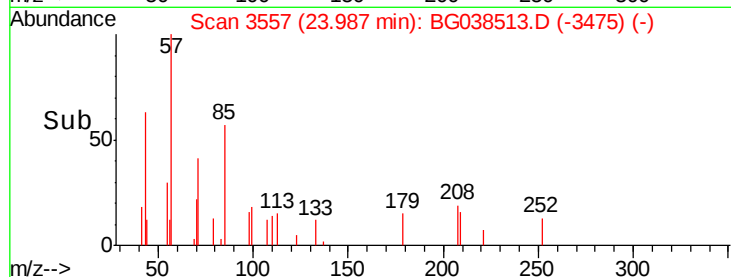
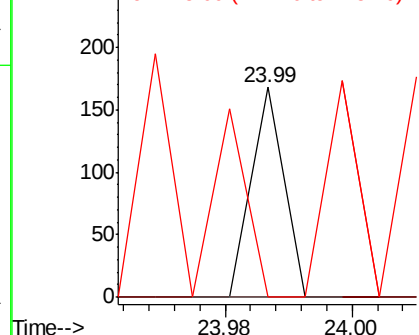
ClientSampleId :

RBR-200031

Tgt Ion:	252	Resp:	59
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.9	28.3#
125	0.0	5.4	8.2#



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



#90

Benzo(a)pyrene

Concen: 0.014 ng

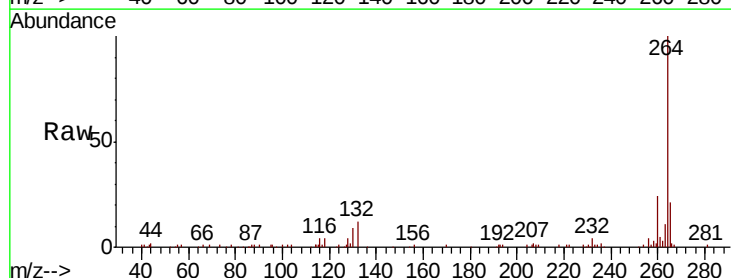
RT: 25.00 min Scan# 3730

Delta R.T. 0.13 min

Lab File: BG038513.D

Acq: 13 Dec 2018 00:41

Tgt Ion:	252	Resp:	134
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	6.4	9.6#



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

