

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035603.D
 Acq On : 12 Jul 2018 20:31
 Operator : JU/SJ
 Sample : PB110949BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BL

Quant Time: Jul 13 00:39:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	37961	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	148196	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	107528	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	308197	20.00	ng	0.00
75) Chrysene-d12	21.68	240	338549	20.00	ng	0.00
86) Perylene-d12	24.91	264	310704	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	308033	134.72	ng	0.00
7) Phenol-d6	7.22	99	445756	130.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	281467	79.34	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	184362	130.08	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	664253	82.76	ng	0.00
78) Terphenyl-d14	20.03	244	1315144	85.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	190	0.163	ng	# 1
3) Pyridine	3.99	79	56	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	179	0.137	ng	# 1
6) Aniline	7.39	93	129	0.029	ng	# 1
8) 2-Chlorophenol	7.60	128	120	0.052	ng	# 1
9) Benzaldehyde	7.22	77	1016	0.485	ng	# 5
10) Phenol	7.23	94	62	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	129	0.048	ng	# 16
12) 1,3-Dichlorobenzene	7.64	146	74	0.026	ng	# 26
13) 1,4-Dichlorobenzene	8.38	146	141	0.049	ng	# 1
14) 1,2-Dichlorobenzene	8.38	146	141	0.051	ng	# 1
15) Benzyl Alcohol	8.38	79	5839	1.885	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.60	45	55	0.024	ng	# 75
18) Hexachloroethane	9.59	117	63	0.058	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	40495	14.097	ng	# 67
22) Acetophenone	8.91	105	56	0.012	ng	# 50
24) Nitrobenzene	9.21	77	881	0.247	ng	# 36
25) Isophorone	9.49	82	226	0.034	ng	# 69
26) 2-Nitrophenol	9.83	139	54	0.043	ng	# 29
27) 2,4-Dimethylphenol	9.75	122	72	0.034	ng	# 1
28) bis(2-Chloroethoxy)methane	10.11	93	57	0.016	ng	# 51
29) 2,4-Dichlorophenol	10.42	162	55	0.022	ng	# 23
30) 1,2,4-Trichlorobenzene	10.73	180	53	0.018	ng	# 12
31) Naphthalene	10.97	128	54	0.007	ng	# 68
32) Benzoic acid	9.75	122	72	0.050	ng	# 1
33) 4-Chloroaniline	11.19	127	65	0.019	ng	# 16
34) Hexachlorobutadiene	11.60	225	78	0.033	ng	# 20
35) Caprolactam	11.72	113	56	0.053	ng	# 1
36) 4-Chloro-3-methylphenol	11.87	107	57	0.017	ng	# 22
42) 2,4,6-Trichlorophenol	13.35	196	61	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	13.35	196	61	0.023	ng	# 17
45) 1,1'-Biphenyl	13.52	154	686	0.082	ng	# 31
47) 2-Nitroaniline	13.72	65	76	0.033	ng	# 9
48) Acenaphthylene	14.39	152	74	0.007	ng	# 59

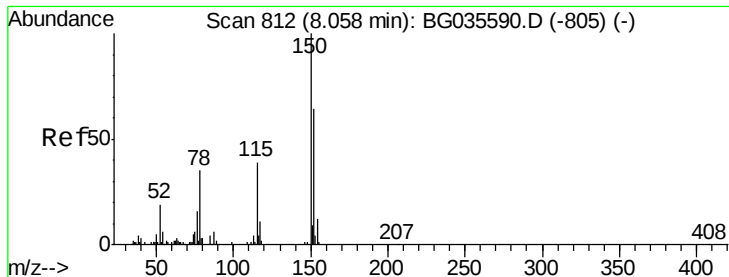
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035603.D
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 Operator : JU/SJ
 Sample : PB110949BL
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Quant Time: Jul 13 00:39:30 2018
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 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	14.52	163	97	0.010	ng	# 77
50) 2,6-Dinitrotoluene	14.68	165	14317	7.463	ng	# 20
51) Acenaphthene	14.68	154	467	0.069	ng	# 5
52) 3-Nitroaniline	14.61	138	59	0.030	ng	# 1
54) Dibenzofuran	15.19	168	73	0.007	ng	# 46
55) 4-Nitrophenol	14.90	139	63	0.045	ng	# 1
56) 2,4-Dinitrotoluene	14.68	165	14317	5.202	ng	# 17
57) Fluorene	16.16	166	5669	0.629	ng	# 68
59) Diethylphthalate	15.67	149	55	0.006	ng	# 58
60) 4-Chlorophenyl-phenylether	15.94	204	85	0.016	ng	# 30
62) Azobenzene	16.17	77	1275	0.133	ng	# 13
64) 4,6-Dinitro-2-methylphenol	15.50	198	63	0.037	ng	# 29
65) n-Nitrosodiphenylamine	16.17	169	7347	0.838	ng	# 44
66) 4-Bromophenyl-phenylether	16.17	248	16045	4.487	ng	# 1
67) Hexachlorobenzene	17.09	284	59	0.016	ng	# 41
68) Atrazine	17.23	200	65	0.018	ng	# 35
69) Pentachlorophenol	17.16	266	55	0.025	ng	# 19
70) Phenanthrene	17.42	178	66	0.004	ng	# 1
71) Anthracene	17.54	178	65	0.004	ng	# 2
72) Carbazole	17.52	167	75	0.005	ng	# 59
73) Di-n-butylphthalate	18.37	149	478	0.028	ng	# 78
74) Fluoranthene	19.80	202	146	0.007	ng	# 65
76) Benzidine	20.03	184	22571	2.536	ng	# 92
77) Pyrene	20.02	202	5186	0.242	ng	# 64
79) Butylbenzylphthalate	20.71	149	63	0.008	ng	# 20
80) Benzo(a)anthracene	21.68	228	942	0.045	ng	# 63
81) 3,3'-Dichlorobenzidine	21.65	252	74	0.010	ng	# 26
82) Chrysene	21.73	228	59	0.003	ng	# 49
83) Bis(2-ethylhexyl)phthalate	21.57	149	287	0.028	ng	# 50
84) Di-n-octyl phthalate	22.78	149	337	0.019	ng	# 1
85) Indeno(1,2,3-cd)pyrene	28.63	276	59	0.003	ng	# 53
87) Benzo(b)fluoranthene	23.88	252	72	0.004	ng	# 59
88) Benzo(k)fluoranthene	23.95	252	55	0.003	ng	# 60
89) Benzo(a)pyrene	24.74	252	244	0.014	ng	# 59
90) Dibenzo(a,h)anthracene	28.36	278	54	0.003	ng	# 58
91) Benzo(g,h,i)perylene	29.74	276	57	0.003	ng	# 56

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

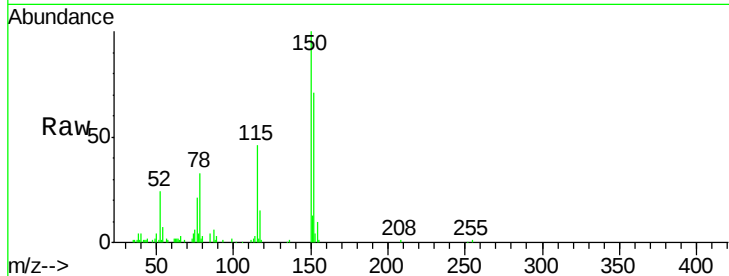


#1

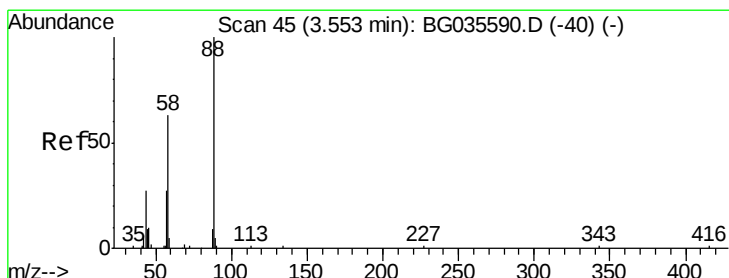
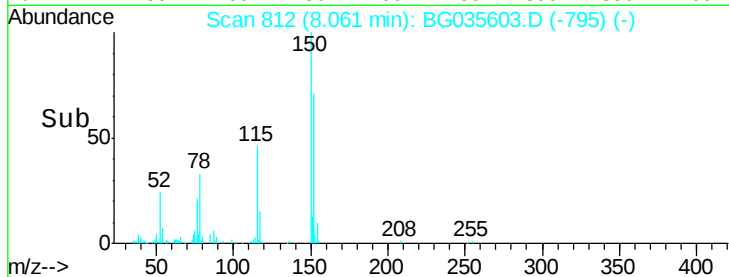
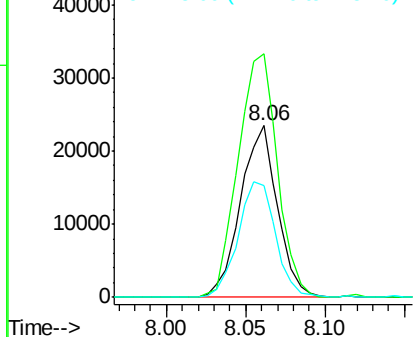
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BL

Tgt Ion:152 Resp: 37961
 Ion Ratio Lower Upper
 152 100
 150 141.7 126.6 189.8
 115 65.1 53.0 79.4



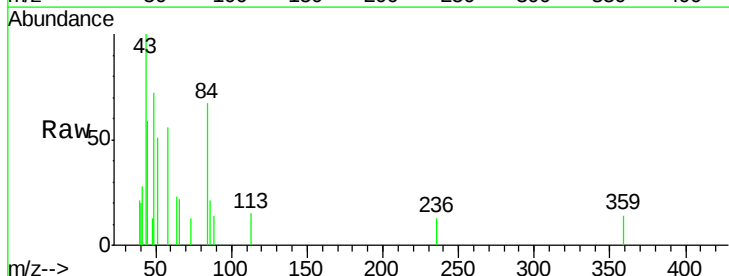
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



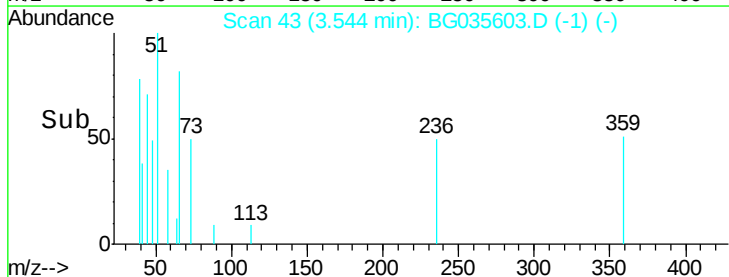
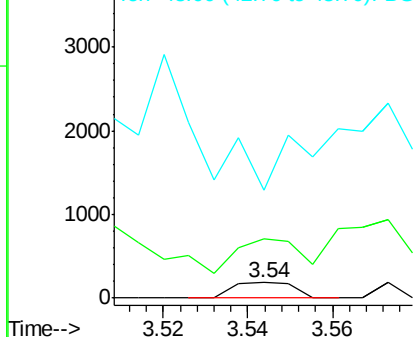
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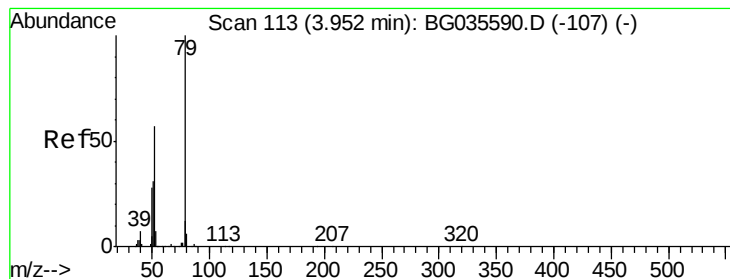
1,4-Dioxane
 Concen: 0.163 ng
 RT: 3.54 min Scan# 43
 Delta R.T. -0.01 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Tgt Ion: 88 Resp: 190
 Ion Ratio Lower Upper
 88 100
 58 218.4 79.6 119.4#
 43 0.0 27.4 41.0#



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





#3

Pyridine

Concen: 0.018 ng

RT: 3.99 min Scan# 119

Delta R.T. 0.04 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

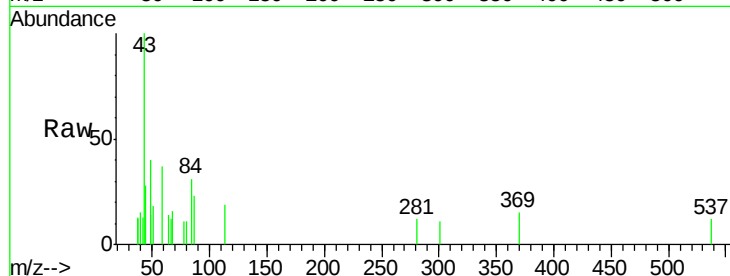
Tgt Ion: 79 Resp: 56

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

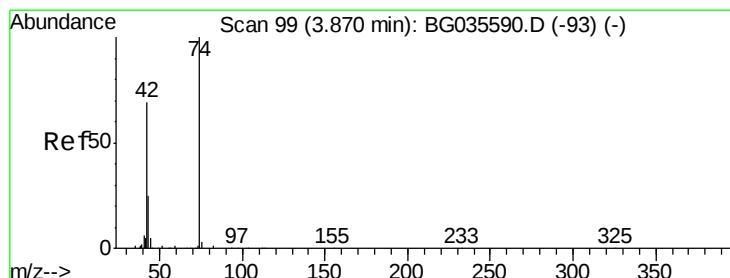
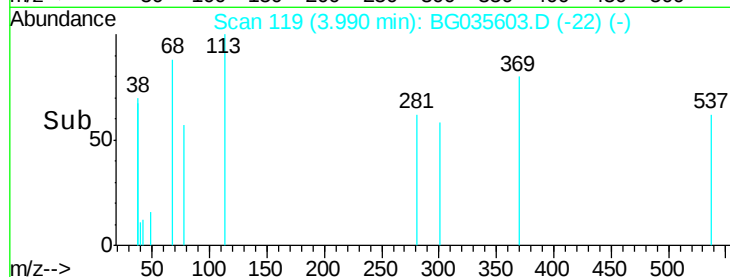
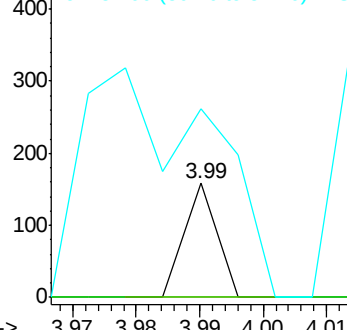
51 165.2 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.137 ng

RT: 3.87 min Scan# 99

Delta R.T. 0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

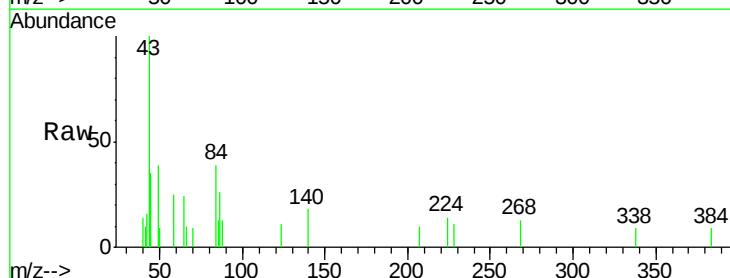
Tgt Ion: 42 Resp: 179

Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

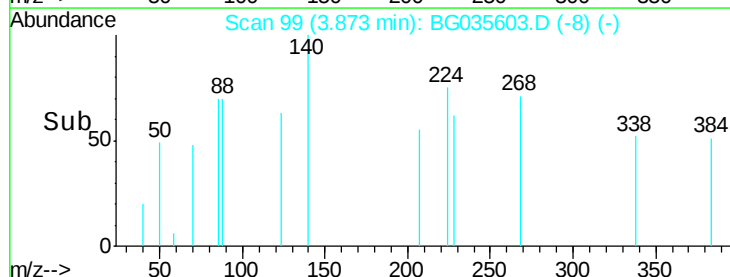
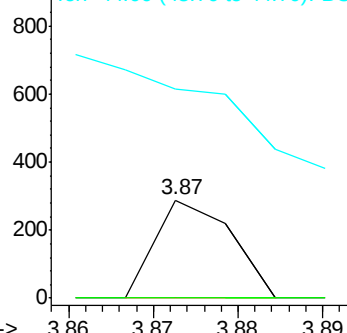
44 212.8 18.9 28.3#

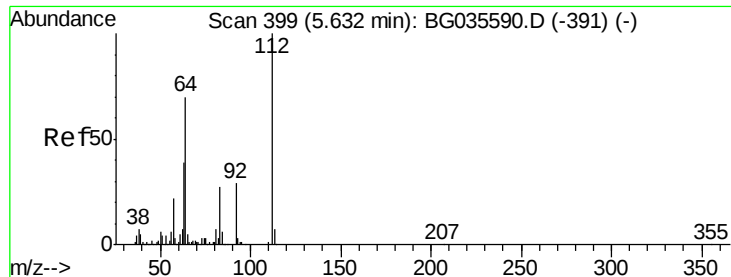


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 134.719 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

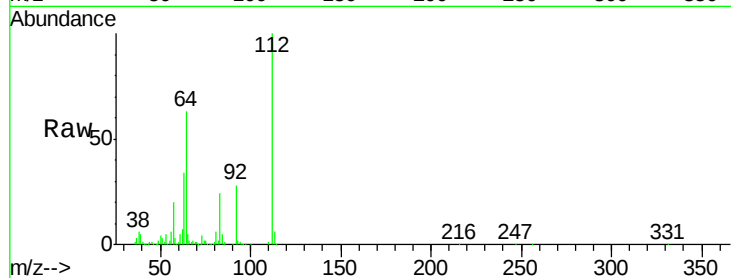
Tgt Ion: 112 Resp: 308033

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

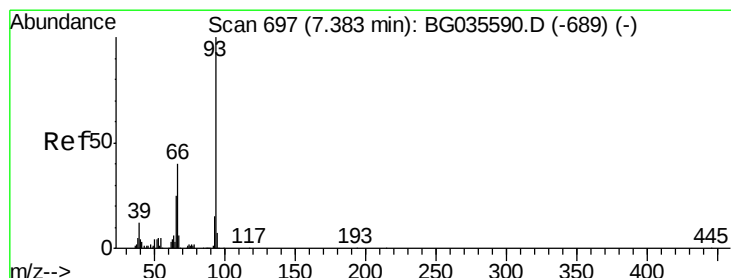
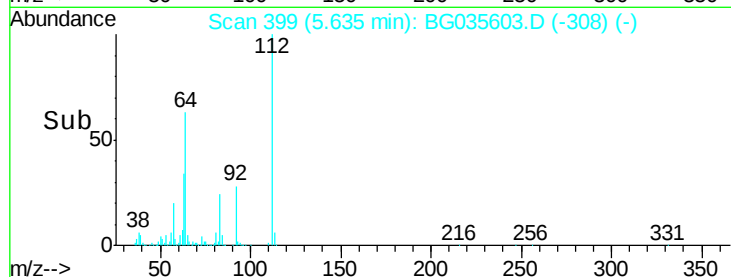
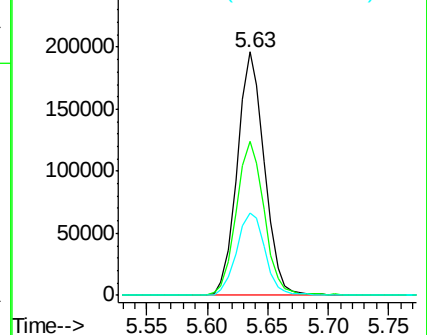
63 34.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.029 ng

RT: 7.39 min Scan# 698

Delta R.T. 0.01 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

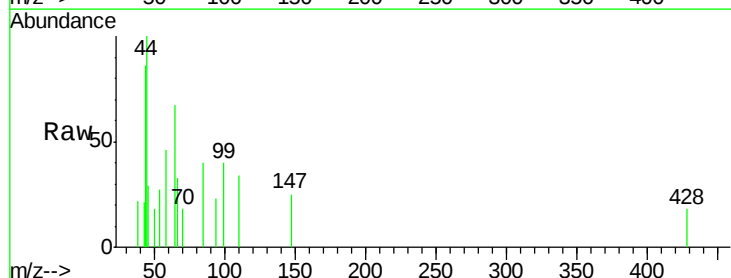
Tgt Ion: 93 Resp: 129

Ion Ratio Lower Upper

93 100

66 145.4 33.7 50.5#

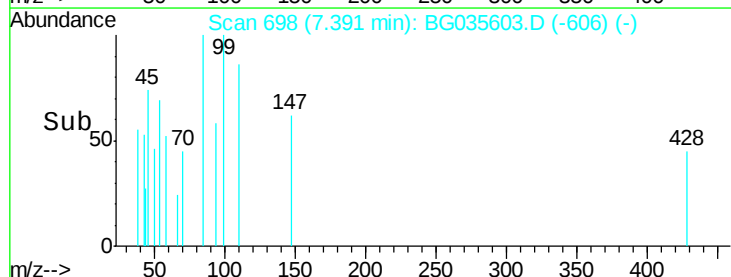
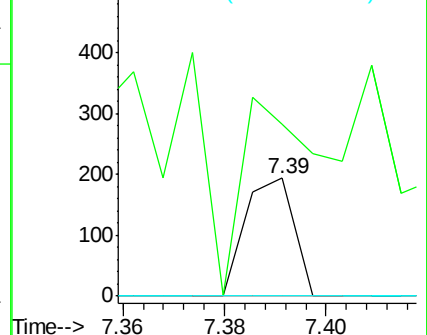
65 0.0 16.1 24.1#

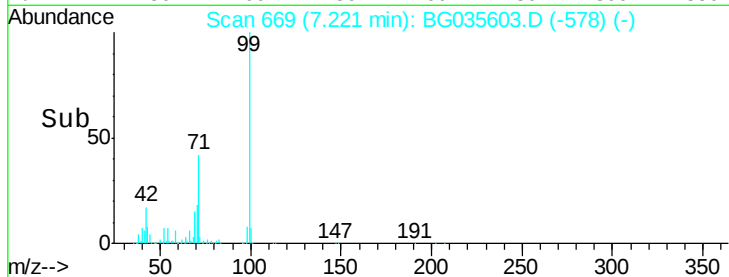
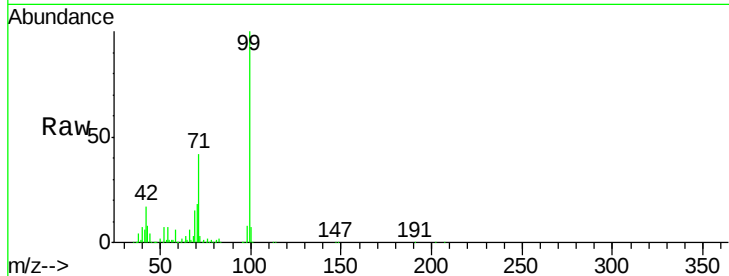
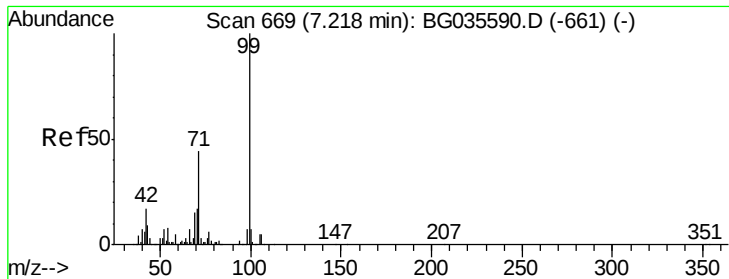


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.666 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

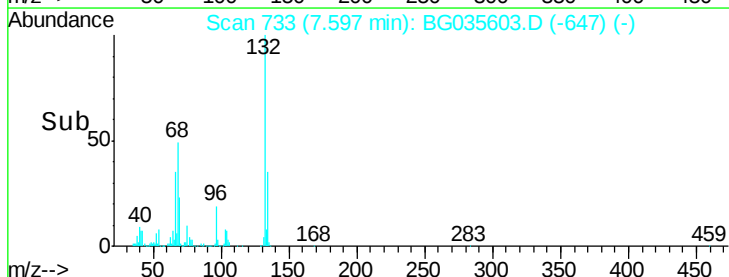
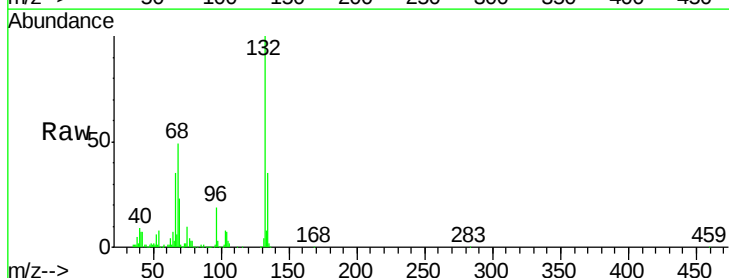
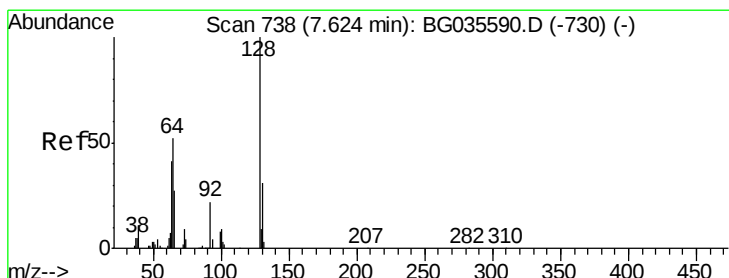
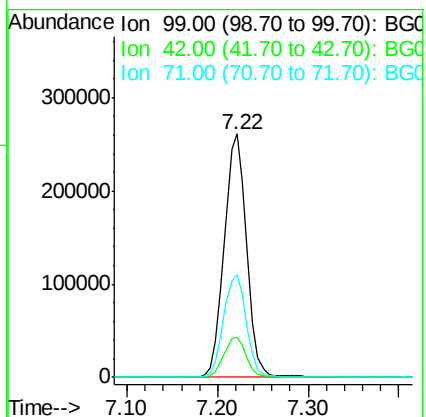
Tgt Ion: 99 Resp: 445756

Ion Ratio Lower Upper

99 100

42 16.6 14.1 21.1

71 42.4 26.1 39.1#



#8

2-Chlorophenol

Concen: 0.052 ng

RT: 7.60 min Scan# 733

Delta R.T. -0.03 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

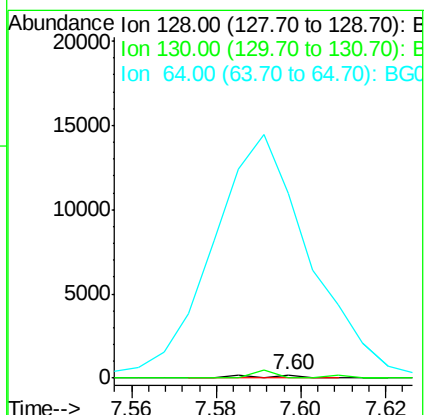
Tgt Ion: 128 Resp: 120

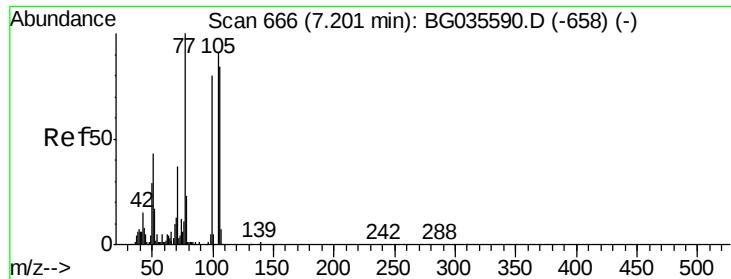
Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

64 6073.9 37.7 77.7#





#9

Benzaldehyde

Concen: 0.485 ng

RT: 7.22 min Scan# 668

Delta R.T. 0.02 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

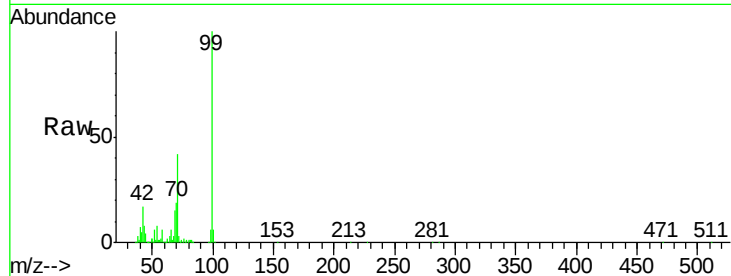
Tgt Ion: 77 Resp: 1016

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC

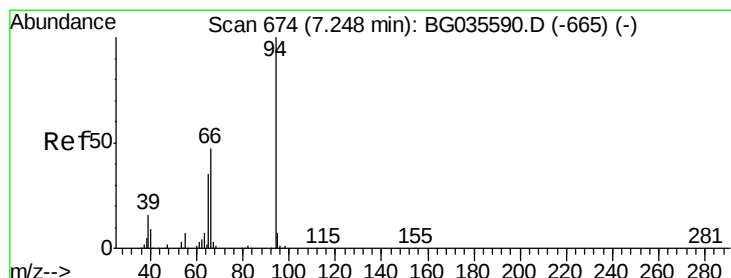
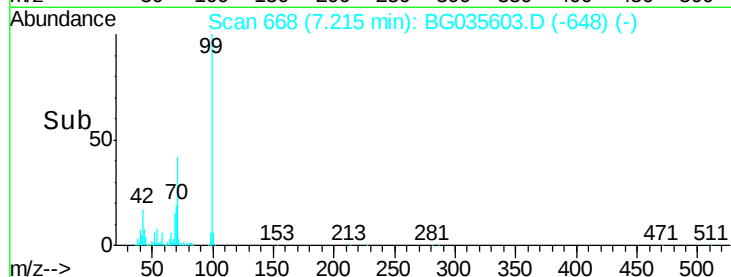
Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

7.22

7.18 7.20 7.22 7.24 7.26

Time-->



#10

Phenol

Concen: 0.018 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.02 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

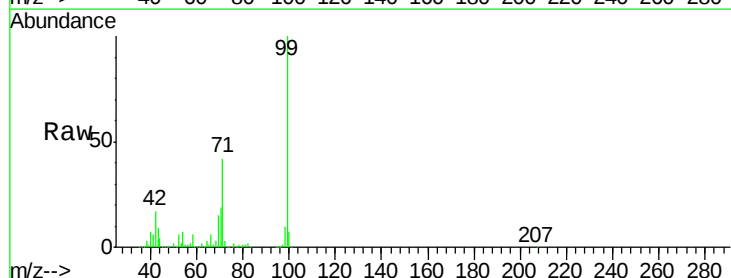
Tgt Ion: 94 Resp: 62

Ion Ratio Lower Upper

94 100

65 1309.0 11.9 51.9#

66 7666.1 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC

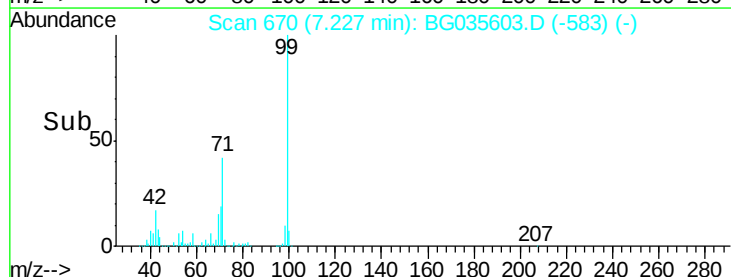
Ion 65.00 (64.70 to 65.70): BGC

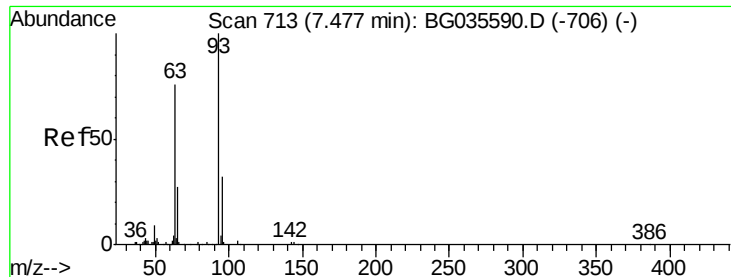
Ion 66.00 (65.70 to 66.70): BGC

7.23

7.21 7.22 7.23 7.24

Time-->





#11

bis(2-Chloroethyl)ether

Concen: 0.048 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.09 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

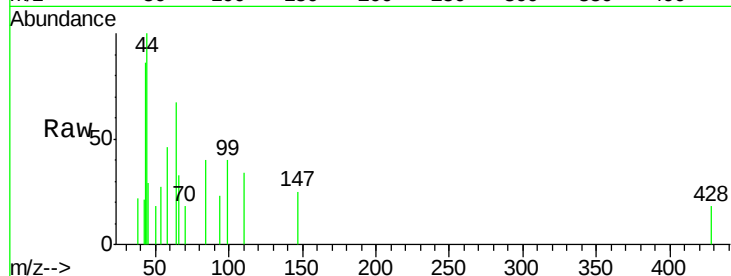
Tgt Ion: 93 Resp: 129

Ion Ratio Lower Upper

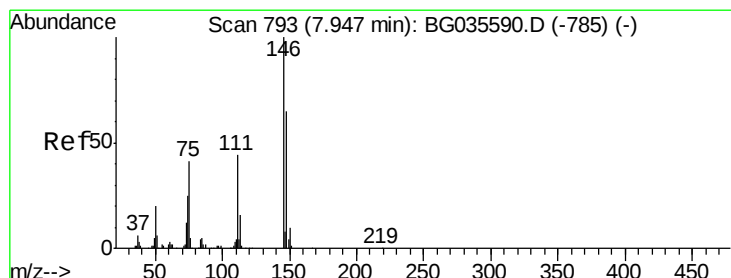
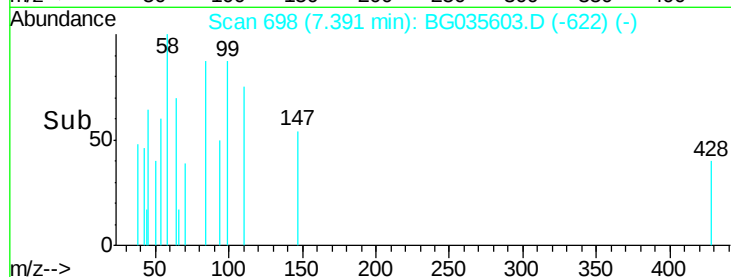
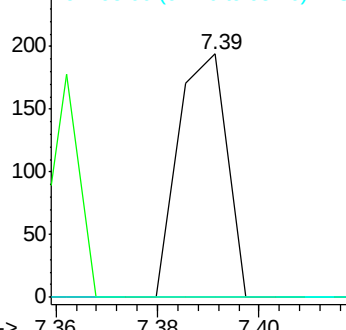
93 100

63 0.0 67.1 107.1#

95 0.0 11.5 51.5#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 0.026 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.30 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

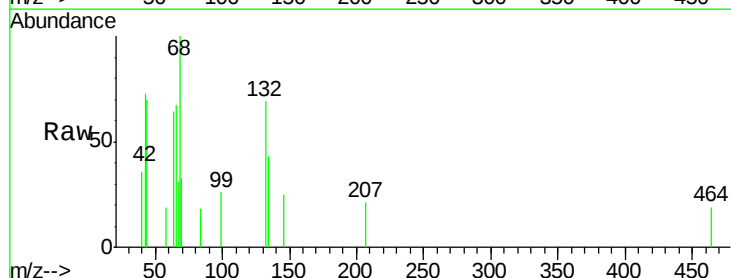
Tgt Ion: 146 Resp: 74

Ion Ratio Lower Upper

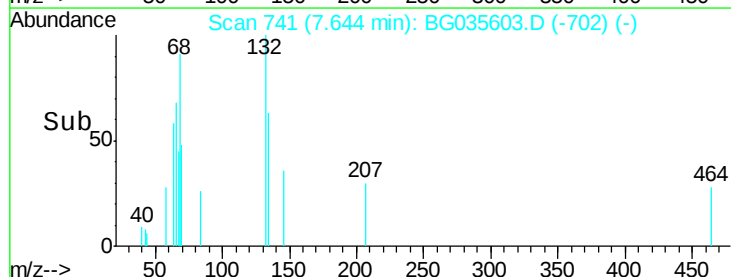
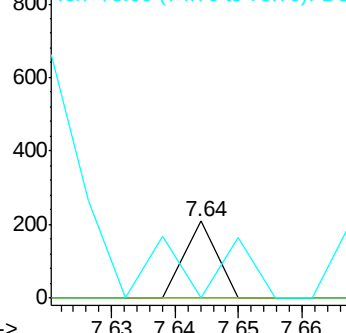
146 100

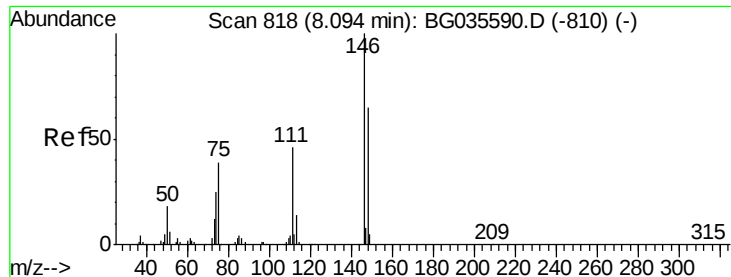
148 0.0 51.4 77.2#

75 0.0 26.6 39.8#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 0.049 ng

RT: 8.38 min Scan# 867

Delta R.T. 0.29 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

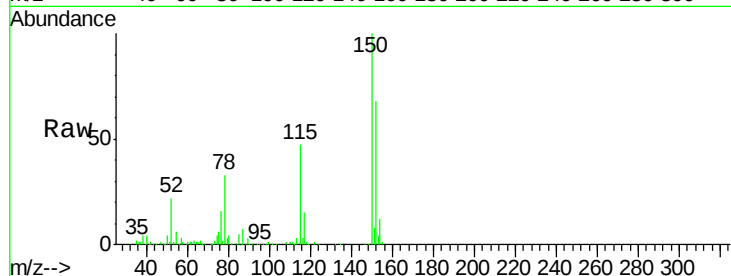
Tgt Ion:146 Resp: 141

Ion Ratio Lower Upper

146 100

148 233.9 53.7 80.5#

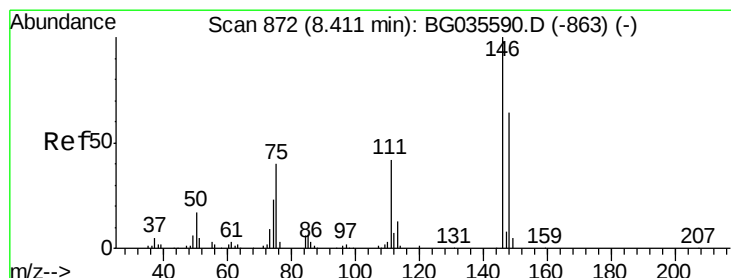
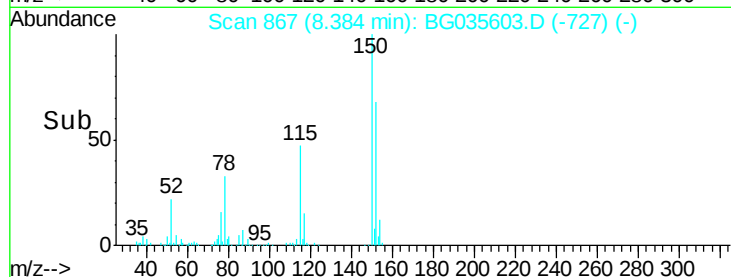
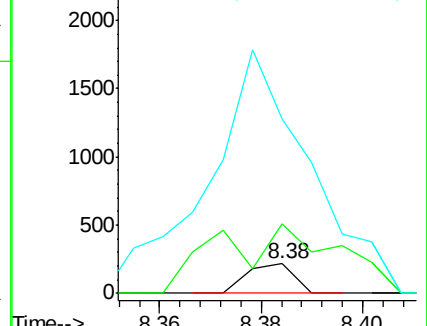
111 588.5 35.2 52.8#



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



#14

1,2-Dichlorobenzene

Concen: 0.051 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.03 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

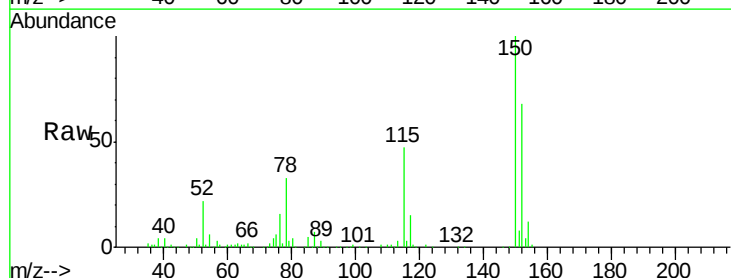
Tgt Ion:146 Resp: 141

Ion Ratio Lower Upper

146 100

148 233.9 49.3 73.9#

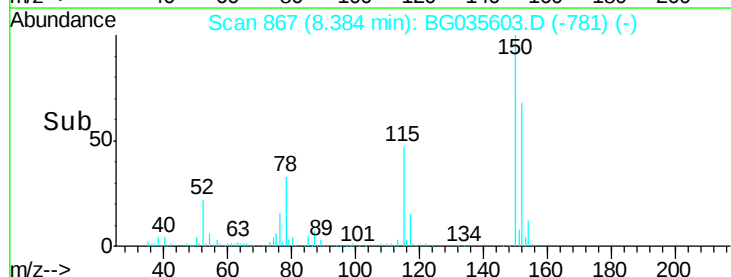
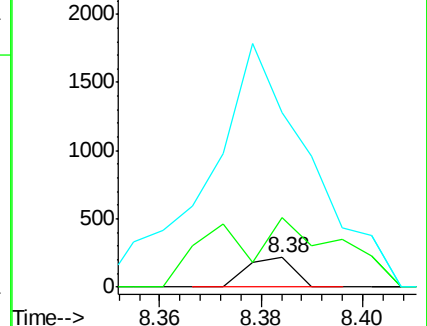
111 588.5 34.3 51.5#

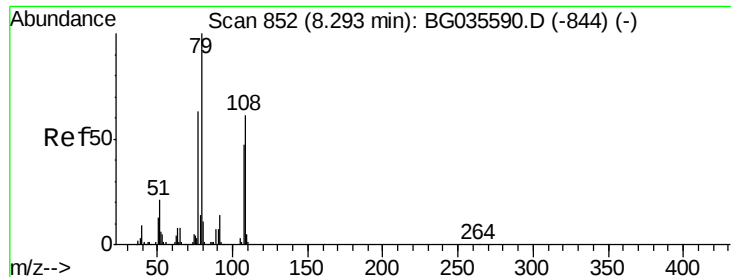


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.885 ng

RT: 8.38 min Scan# 866

Delta R.T. 0.08 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

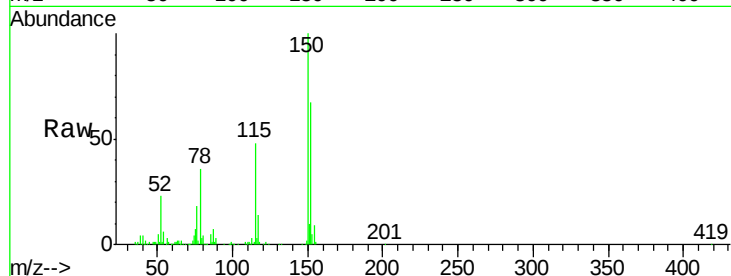
Tgt Ion: 79 Resp: 5839

Ion Ratio Lower Upper

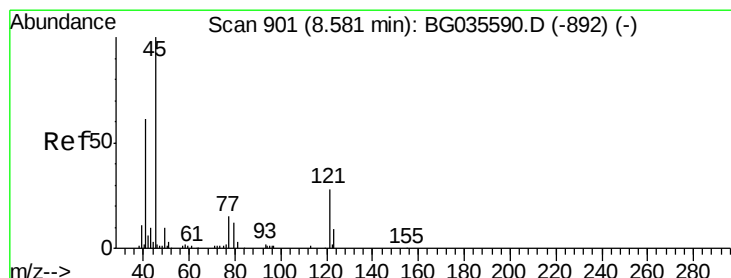
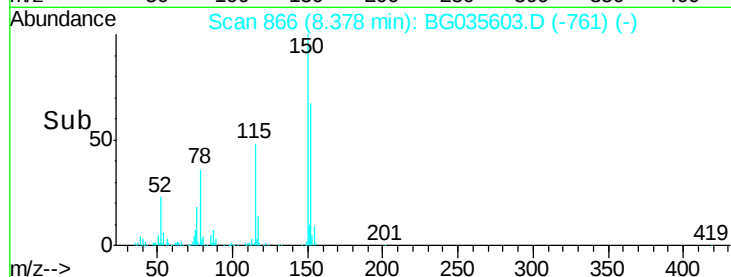
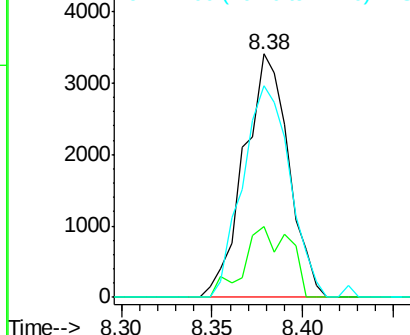
79 100

108 29.4 57.2 85.8#

77 86.8 46.1 69.1#



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 0.024 ng

RT: 8.60 min Scan# 903

Delta R.T. 0.01 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

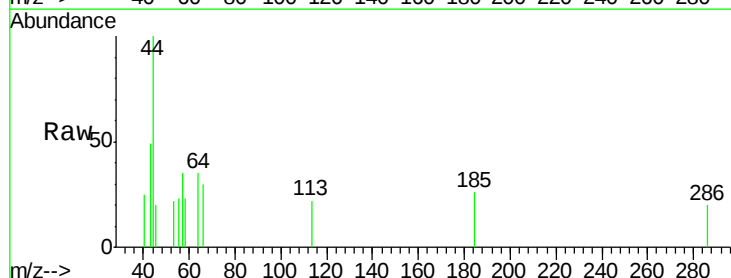
Tgt Ion: 45 Resp: 55

Ion Ratio Lower Upper

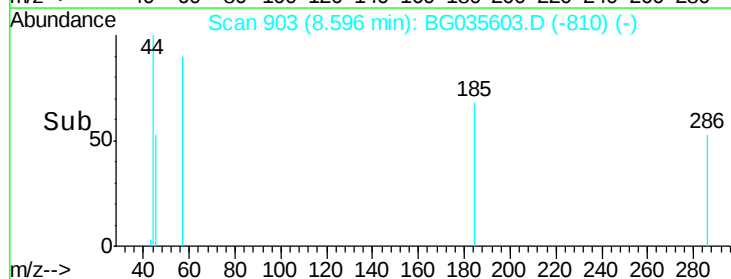
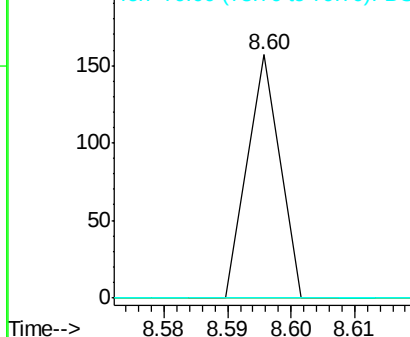
45 100

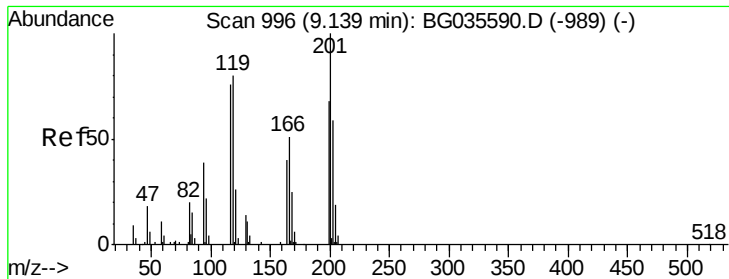
77 0.0 0.0 30.2

79 0.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

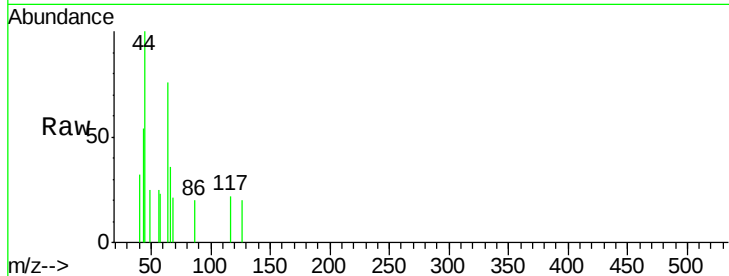




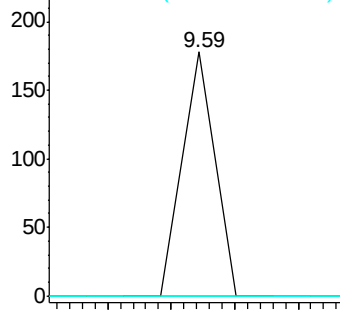
#18
Hexachloroethane
Concen: 0.058 ng
RT: 9.59 min Scan# 1073
Delta R.T. 0.45 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

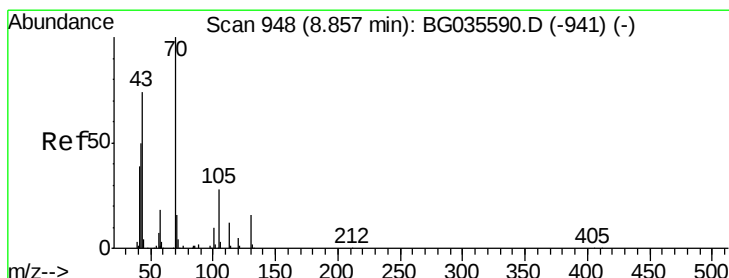
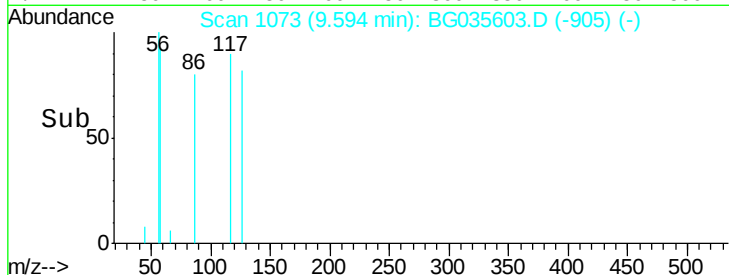
Tgt Ion: 117 Resp: 63
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#



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

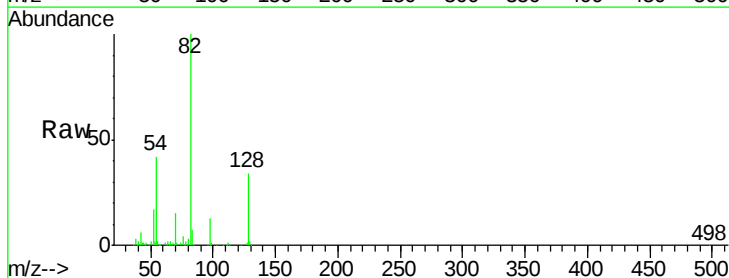


Time-->

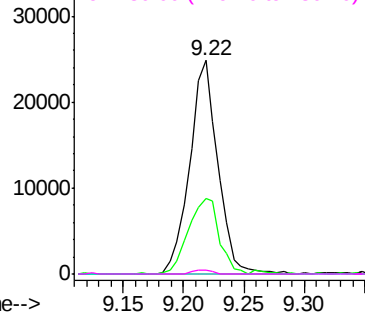


#19
n-Nitroso-di-n-propylamine
Concen: 14.097 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.36 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

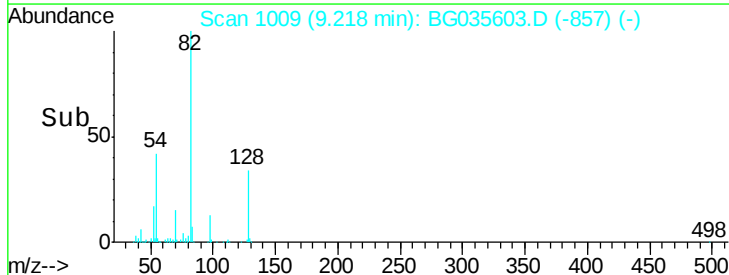
Tgt Ion: 70 Resp: 40495
Ion Ratio Lower Upper
70 100
42 35.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#

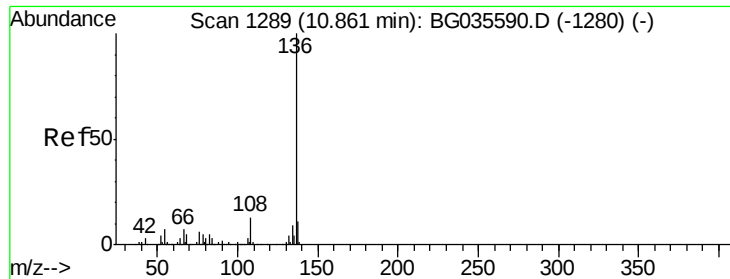


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



Time-->

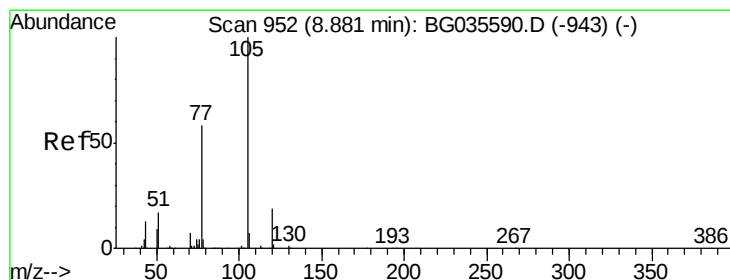
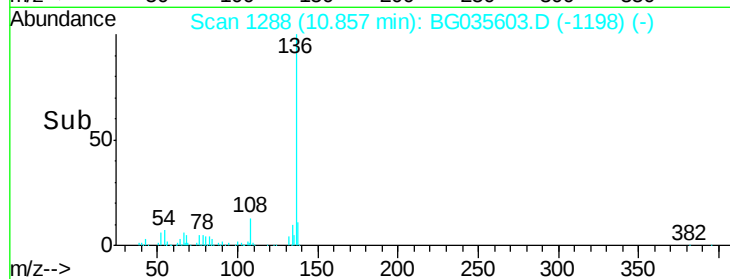
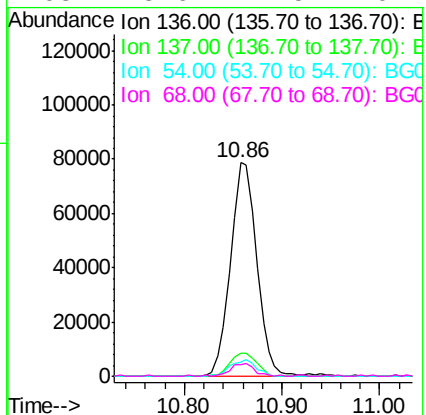
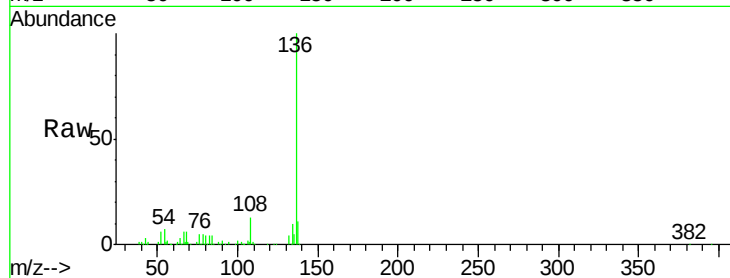




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

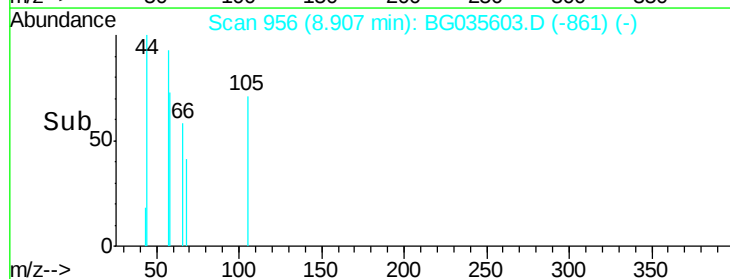
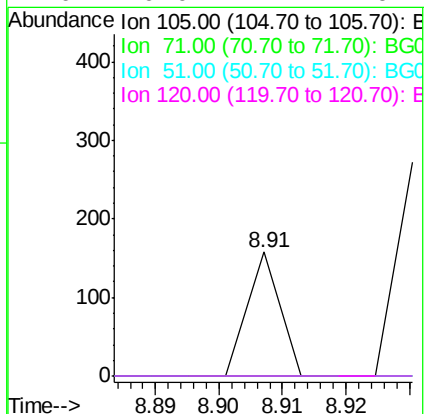
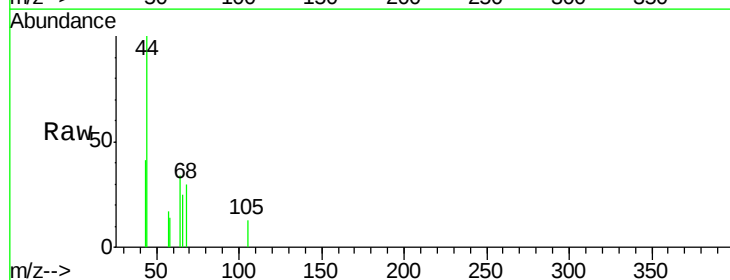
Instrument :
BNA_G
ClientSampleId :
PB110949BL

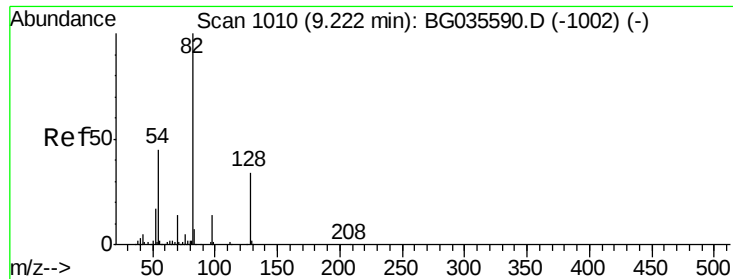
Tgt Ion:	136	Resp:	148196
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	10.3	15.5#
68	5.6	4.5	6.7



#22
Acetophenone
Concen: 0.012 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.03 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:	105	Resp:	56
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	0.0	26.1	39.1#
120	0.0	17.4	26.2#

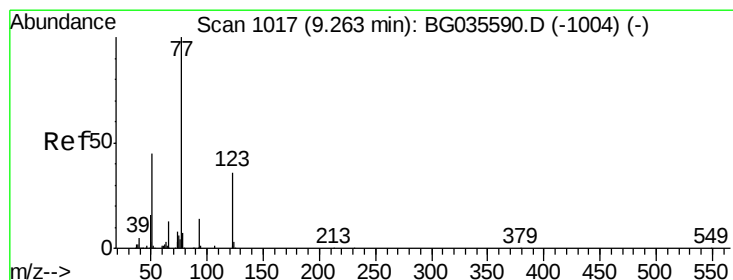
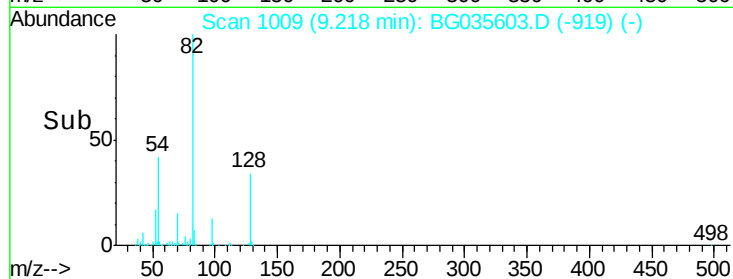
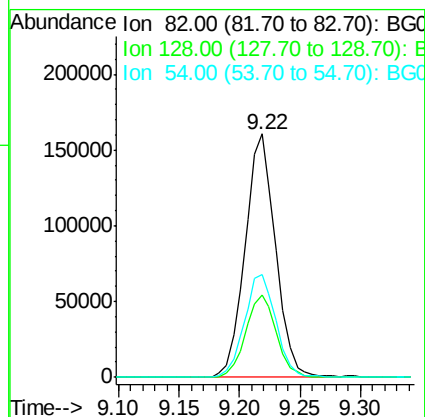
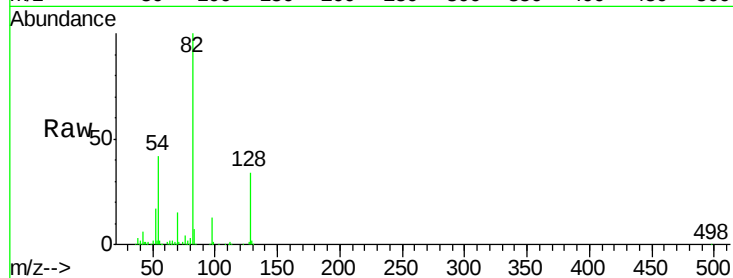




#23
 Nitrobenzene-d5
 Concen: 79.342 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

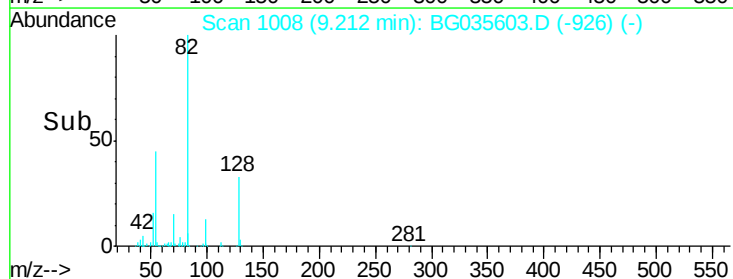
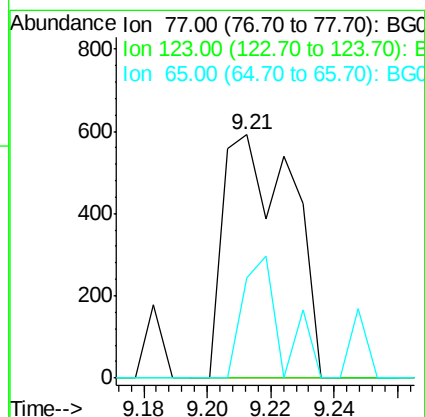
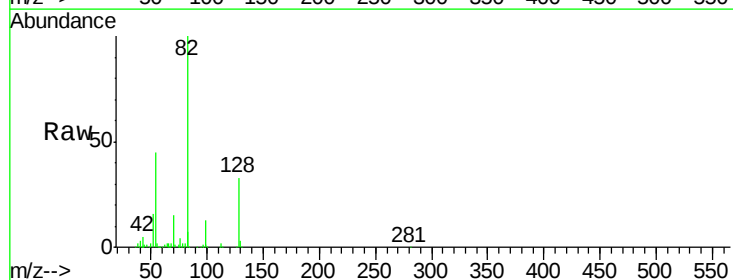
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BL

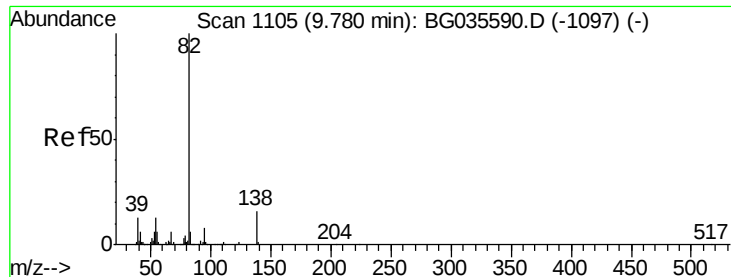
Tgt Ion: 82 Resp: 281467
 Ion Ratio Lower Upper
 82 100
 128 33.8 29.7 44.5
 54 42.4 43.1 64.7#



#24
 Nitrobenzene
 Concen: 0.247 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.05 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Tgt Ion: 77 Resp: 881
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 41.4 13.0 19.6#





#25

Isophorone

Concen: 0.034 ng

RT: 9.49 min Scan# 1055

Delta R.T. -0.29 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

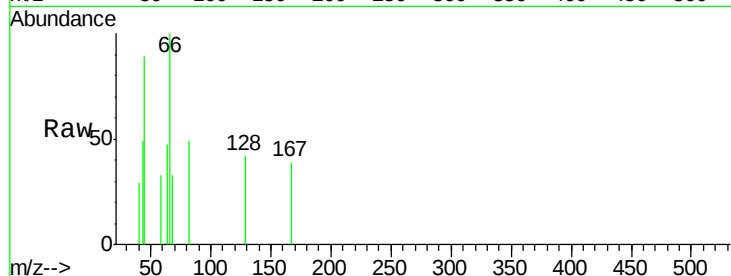
Tgt Ion: 82 Resp: 226

Ion Ratio Lower Upper

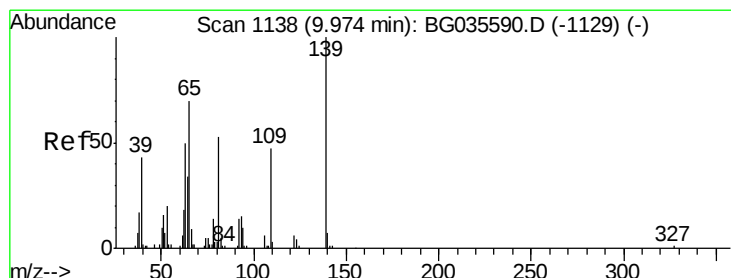
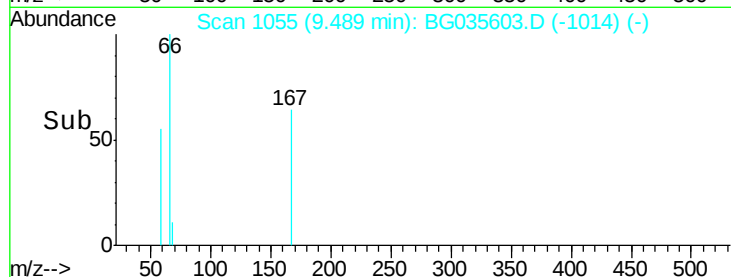
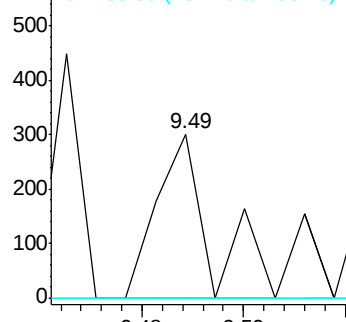
82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 0.043 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.14 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

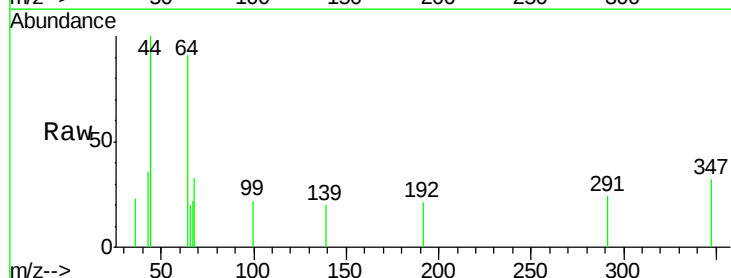
Tgt Ion: 139 Resp: 54

Ion Ratio Lower Upper

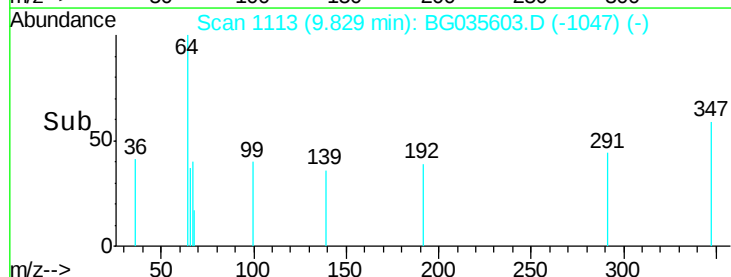
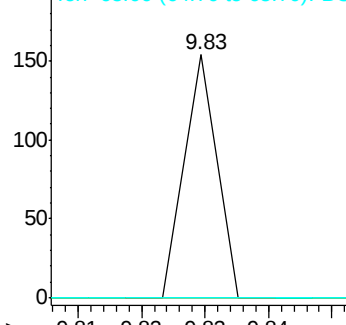
139 100

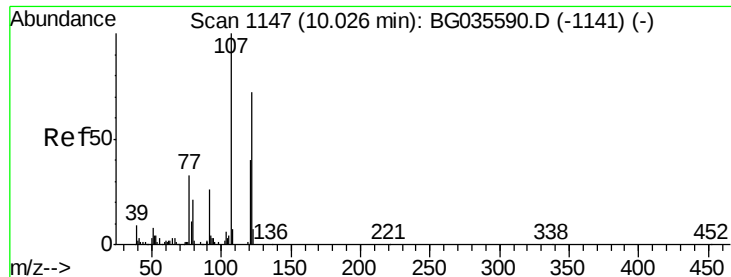
109 0.0 24.2 36.2#

65 0.0 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

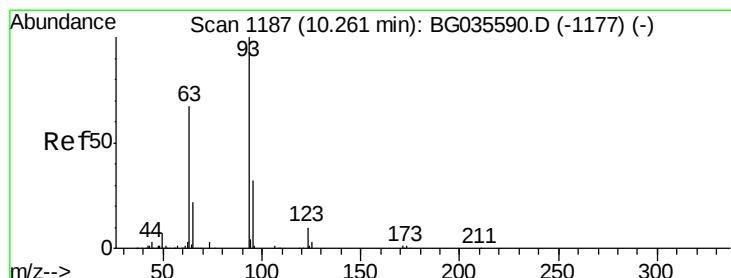
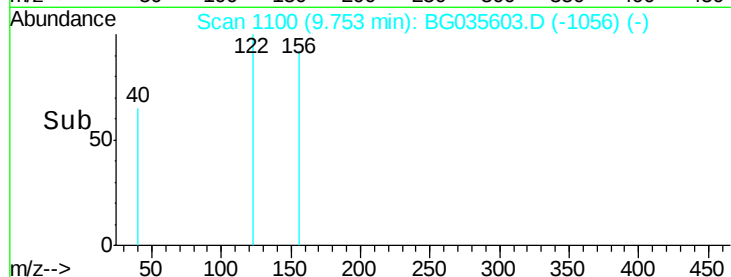
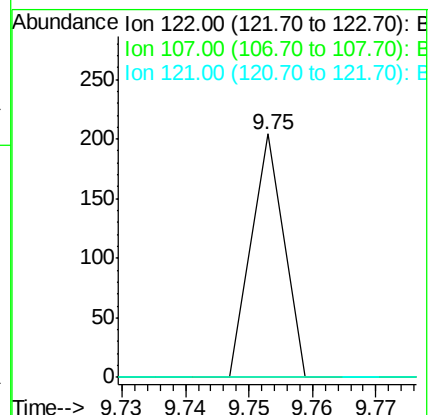
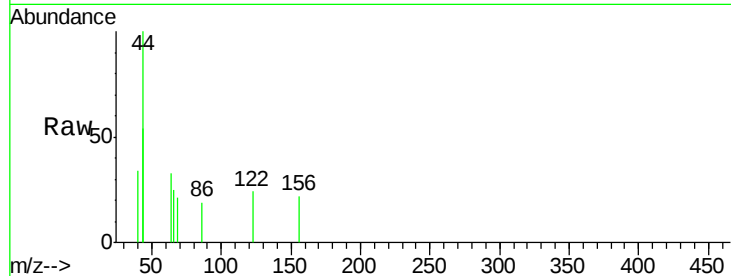




#27
2,4-Dimethylphenol
Concen: 0.034 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.27 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

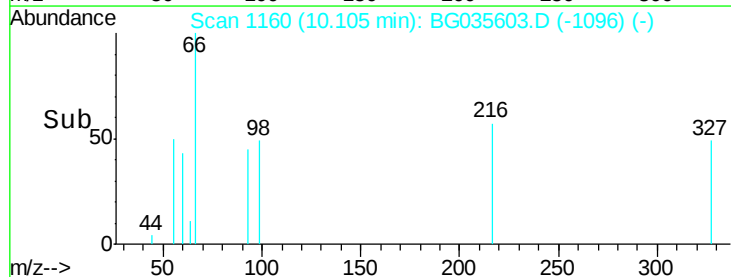
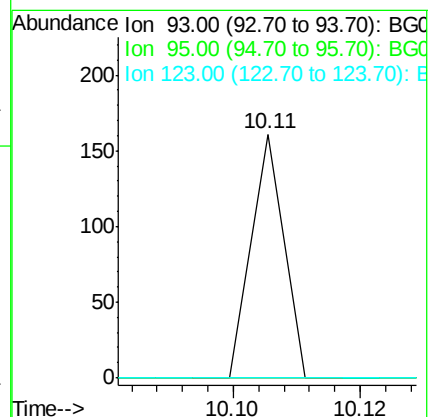
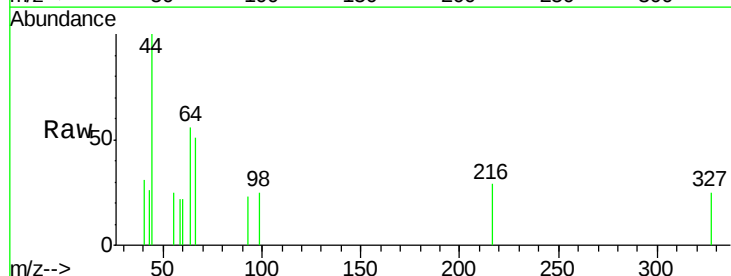
Instrument :
BNA_G
ClientSampleId :
PB110949BL

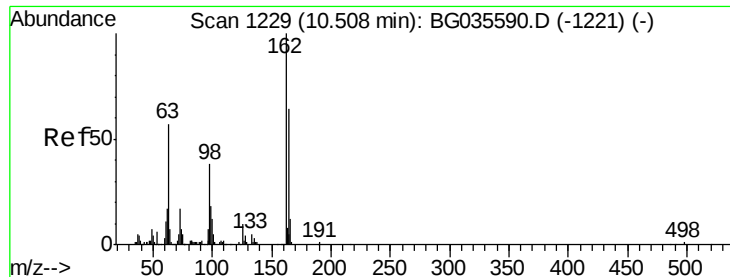
Tgt Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



#28
bis(2-Chloroethoxy)methane
Concen: 0.016 ng
RT: 10.11 min Scan# 1160
Delta R.T. -0.16 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

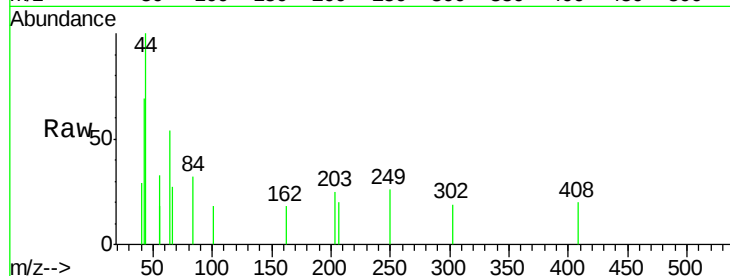




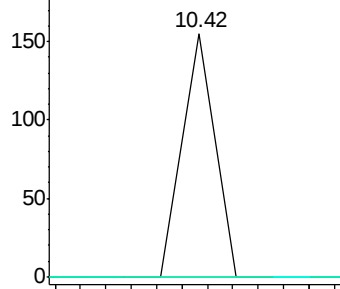
#29
2,4-Dichlorophenol
Concen: 0.022 ng
RT: 10.42 min Scan# 1214
Delta R.T. -0.09 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

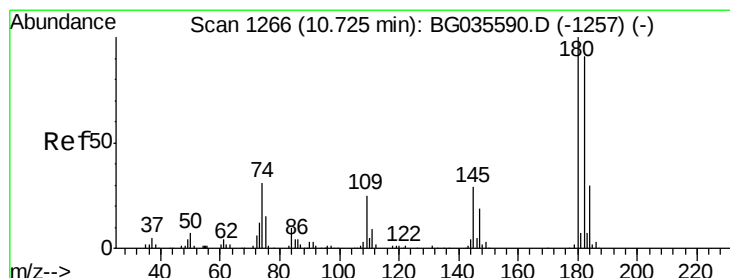
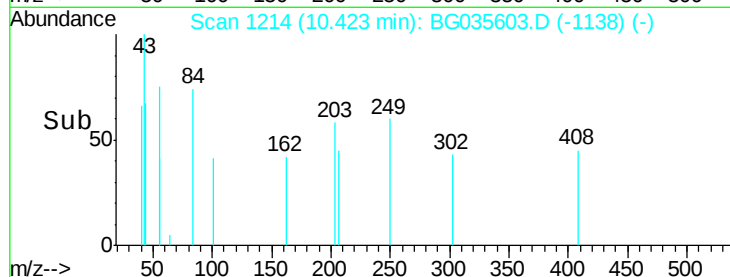
Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	48.0	88.0#
98	0.0	21.1	61.1#



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

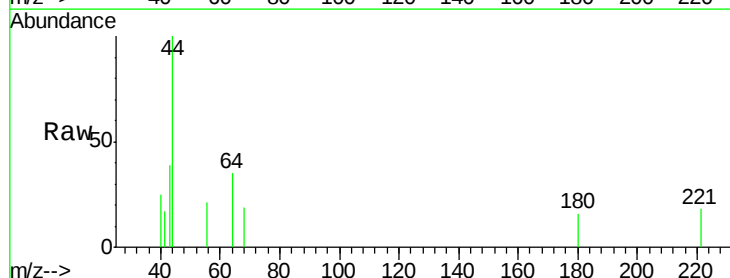


Time--> 10.40 10.42 10.44

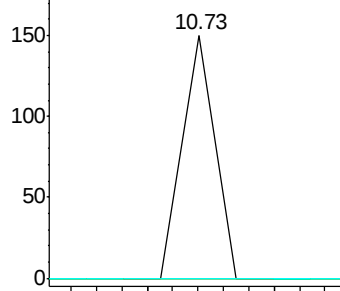


#30
1,2,4-Trichlorobenzene
Concen: 0.018 ng
RT: 10.73 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

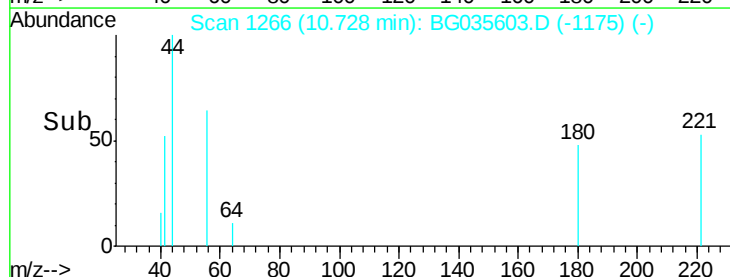
Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.5	116.3#
145	0.0	23.4	35.2#

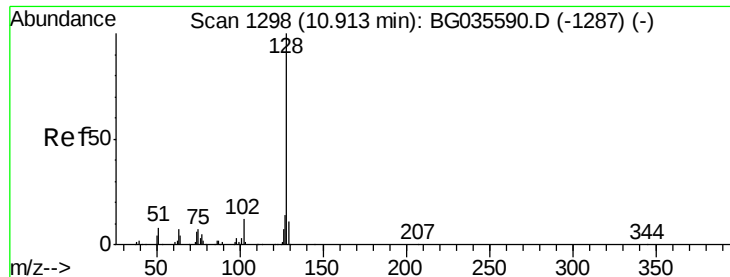


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



Time--> 10.72 10.74

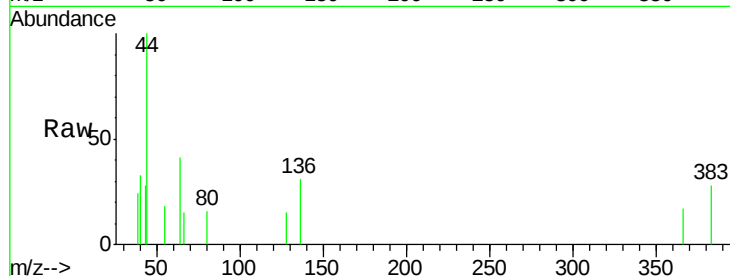




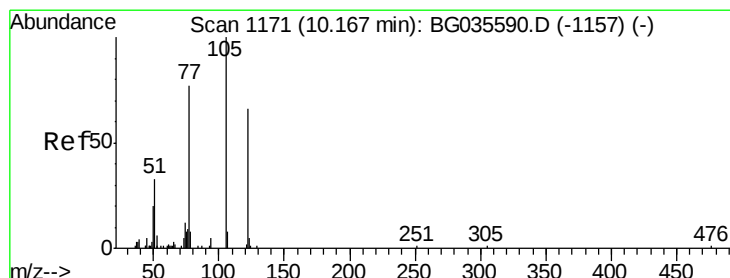
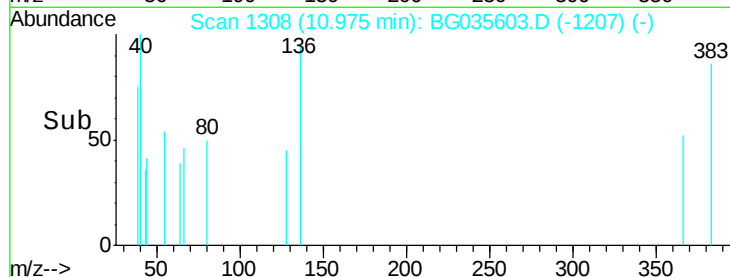
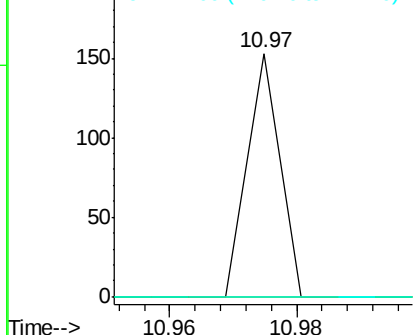
#31
Naphthalene
Concen: 0.007 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.06 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	0.0	11.6	17.4#

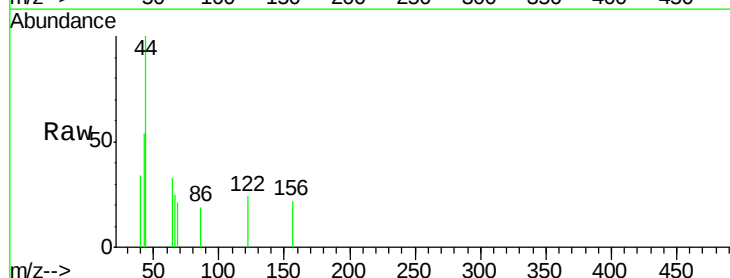


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

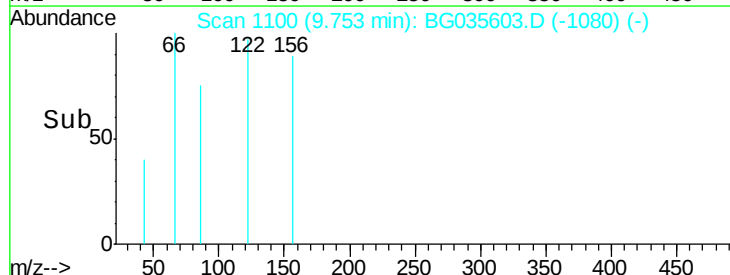
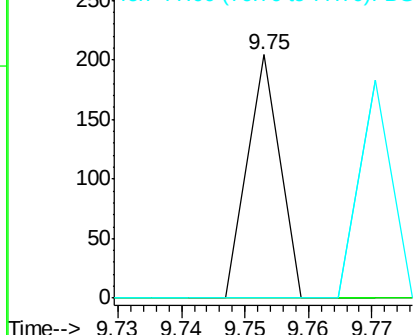


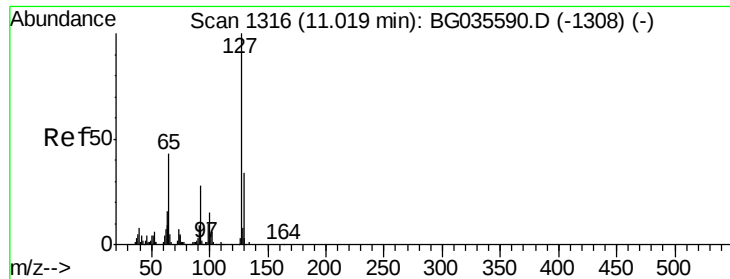
#32
Benzoic acid
Concen: 0.050 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.41 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

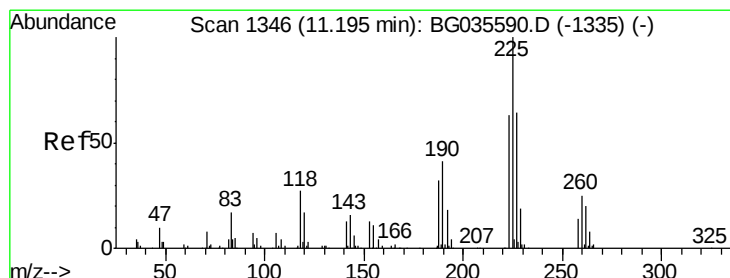
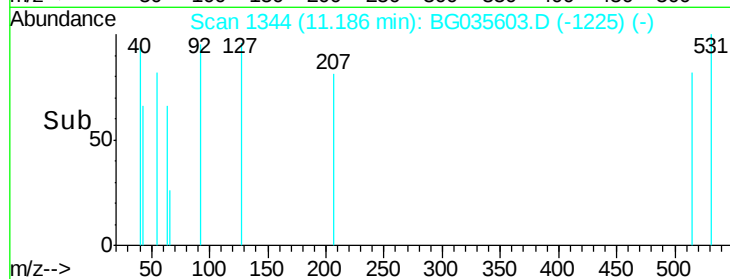
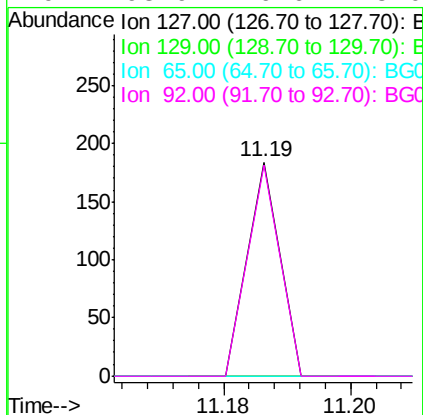
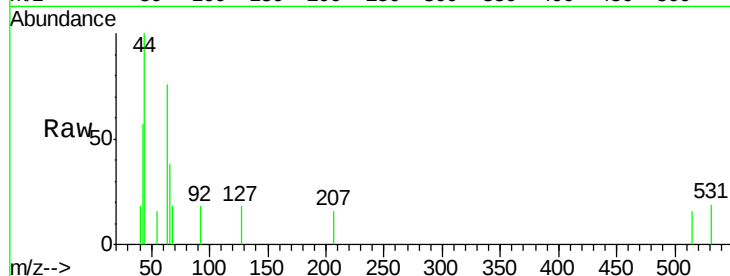




#33
4-Chloroaniline
Concen: 0.019 ng
RT: 11.19 min Scan# 1344
Delta R.T. 0.17 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

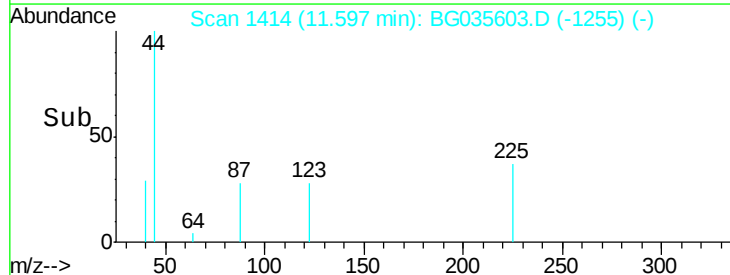
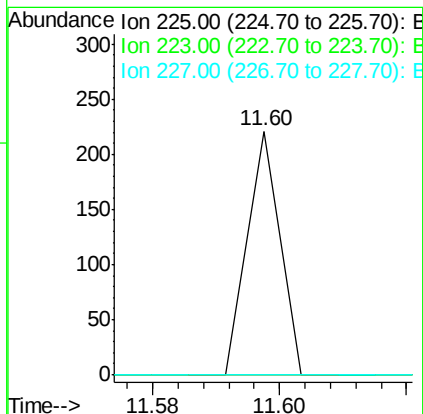
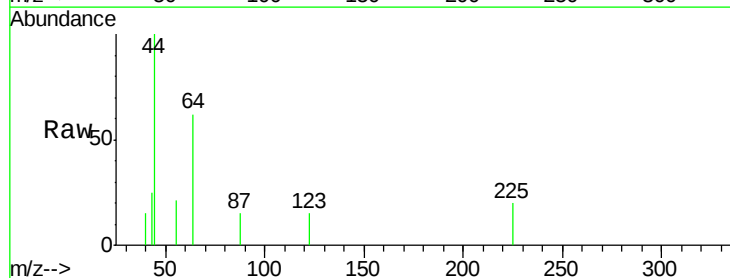
Instrument :
BNA_G
ClientSampleId :
PB110949BL

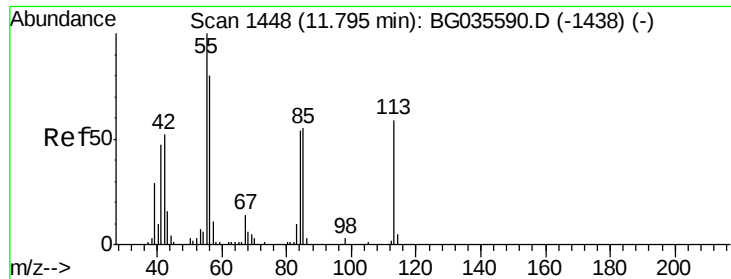
Tgt Ion:127 Resp: 65
Ion Ratio Lower Upper
127 100
129 0.0 24.0 36.0#
65 0.0 27.0 40.4#
92 98.9 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 0.033 ng
RT: 11.60 min Scan# 1414
Delta R.T. 0.40 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:225 Resp: 78
Ion Ratio Lower Upper
225 100
223 0.0 49.7 74.5#
227 0.0 48.1 72.1#





#35

Caprolactam

Concen: 0.053 ng

RT: 11.72 min Scan# 1435

Delta R.T. -0.07 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

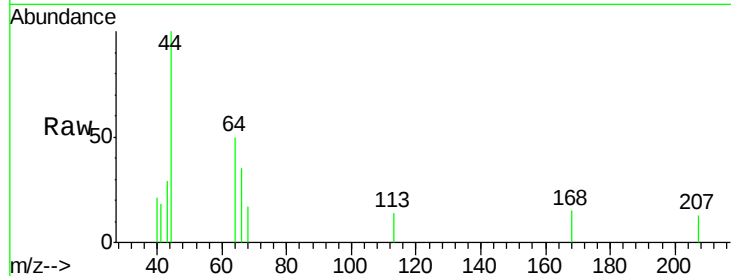
Tgt Ion:113 Resp: 56

Ion Ratio Lower Upper

113 100

55 0.0 186.9 226.9#

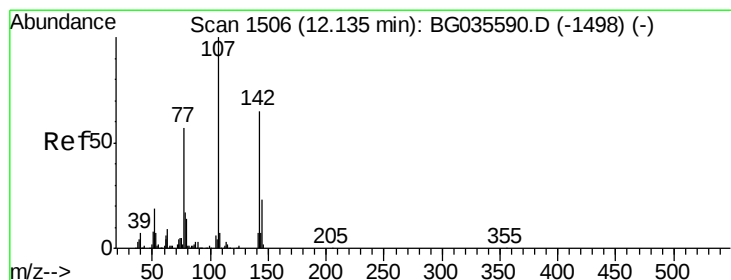
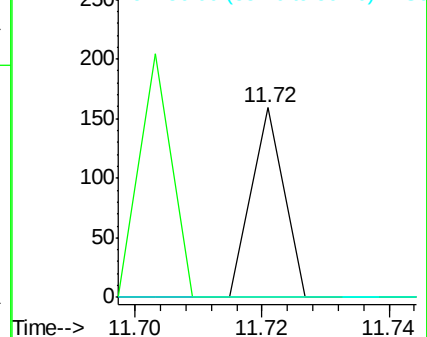
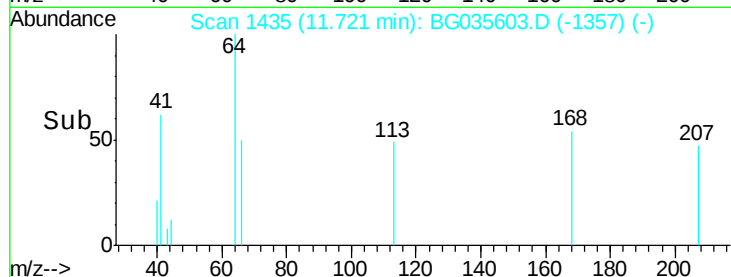
56 0.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG035590.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG035590.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 0.017 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.27 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

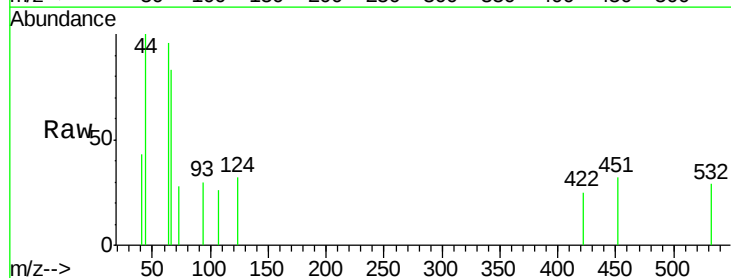
Tgt Ion:107 Resp: 57

Ion Ratio Lower Upper

107 100

144 0.0 18.2 27.4#

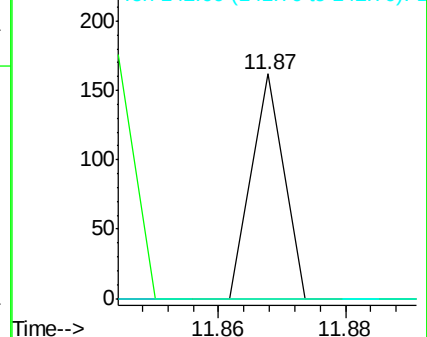
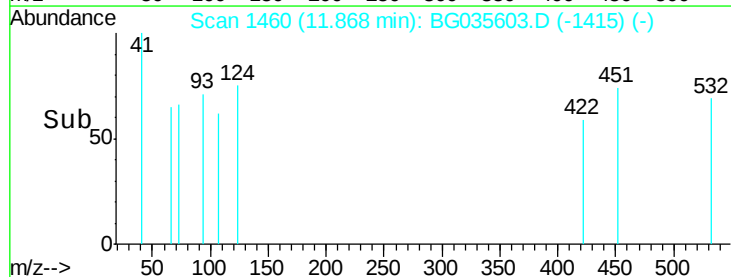
142 0.0 59.0 88.4#

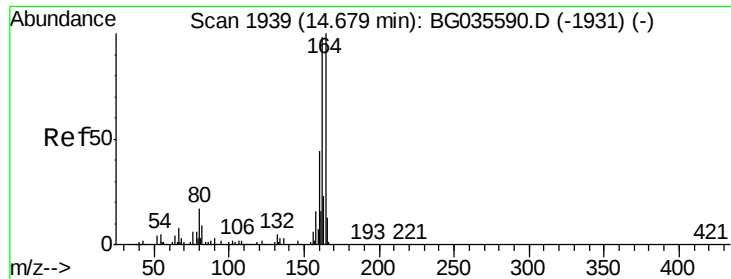


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): BG035590.D (-1498) (-)

Ion 142.00 (141.70 to 142.70): BG035590.D (-1498) (-)





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

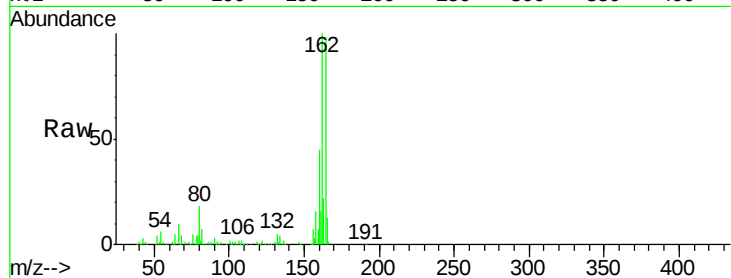
Tgt Ion:164 Resp: 107528

Ion Ratio Lower Upper

164 100

162 102.3 78.8 118.2

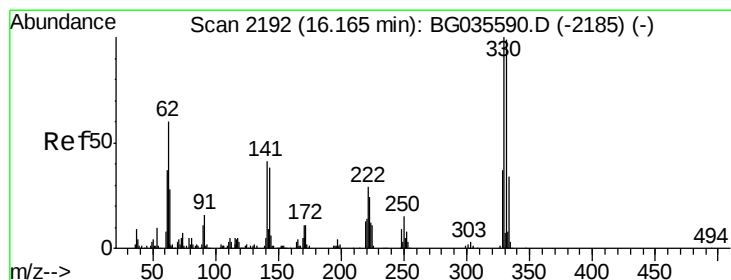
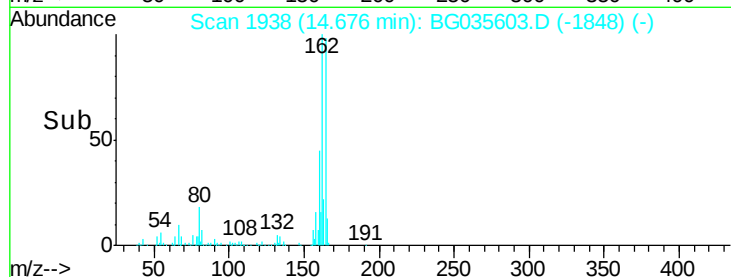
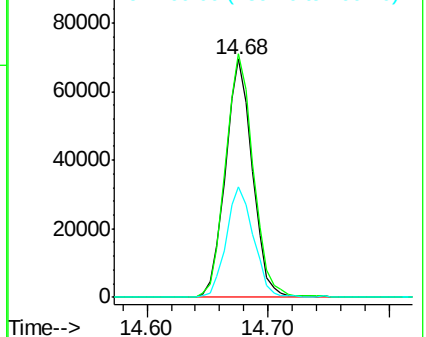
160 46.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 130.081 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

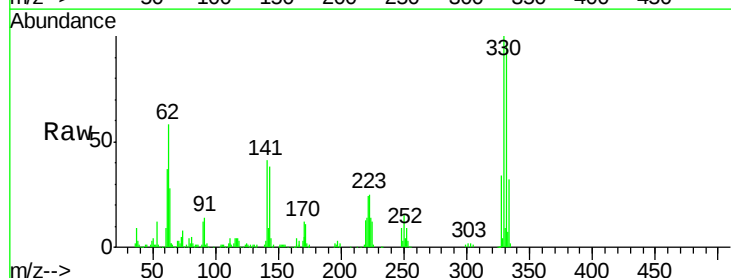
Tgt Ion:330 Resp: 184362

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.6

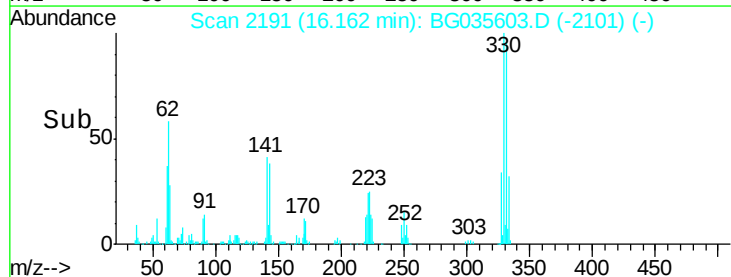
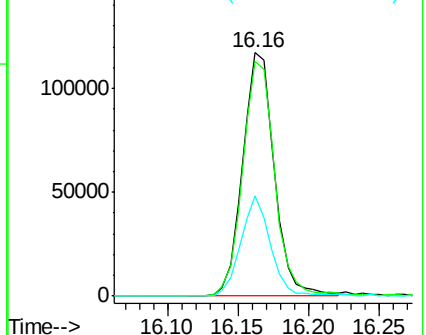
141 38.6 25.2 37.8#

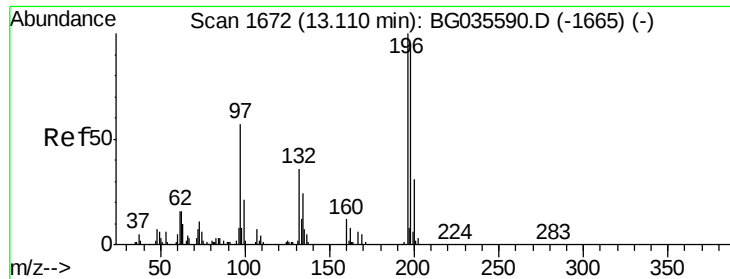


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

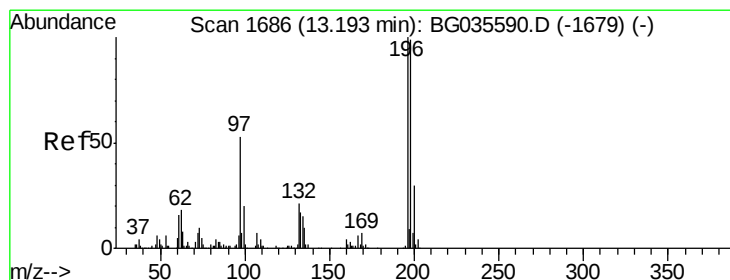
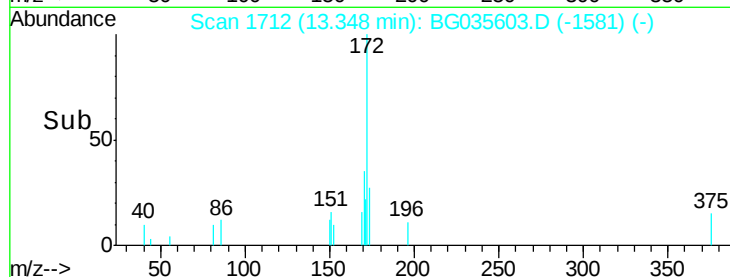
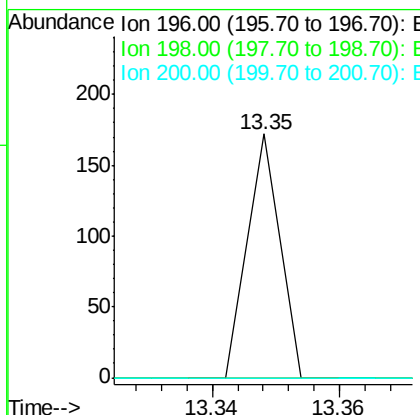
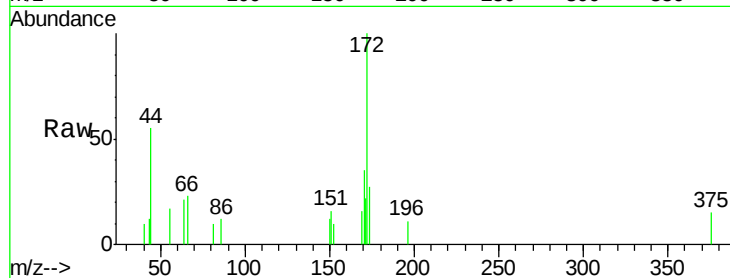




#42
 2,4,6-Trichlorophenol
 Concen: 0.026 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. 0.24 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

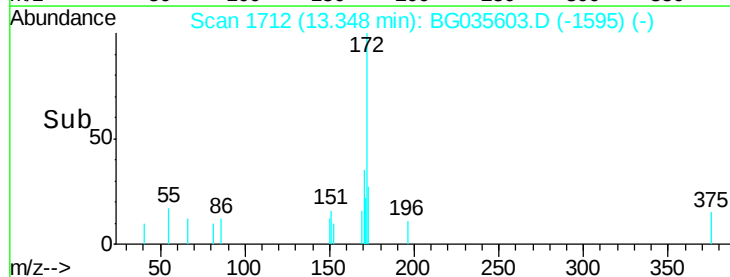
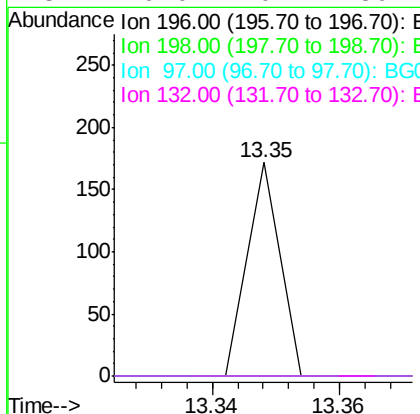
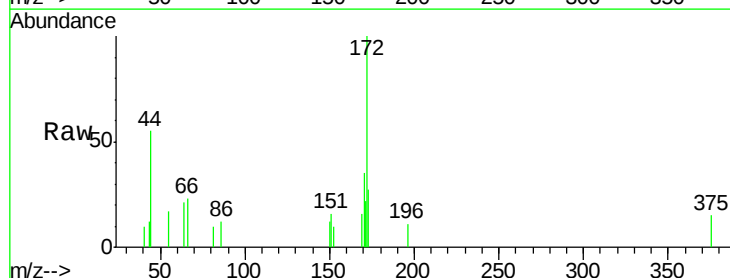
Instrument :
 BNA_G
 ClientSampleId :
 PB110949BL

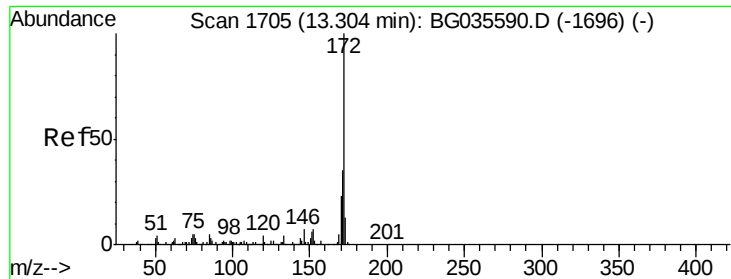
Tgt Ion:196 Resp: 61
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 24.6 36.8#



#43
 2,4,5-Trichlorophenol
 Concen: 0.023 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. 0.16 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Tgt Ion:196 Resp: 61
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.2 114.4#
 97 0.0 38.7 58.1#
 132 0.0 20.2 30.2#

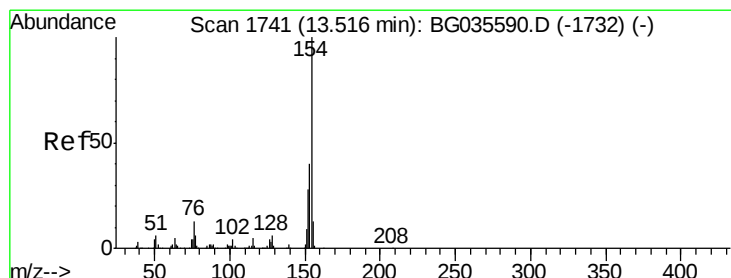
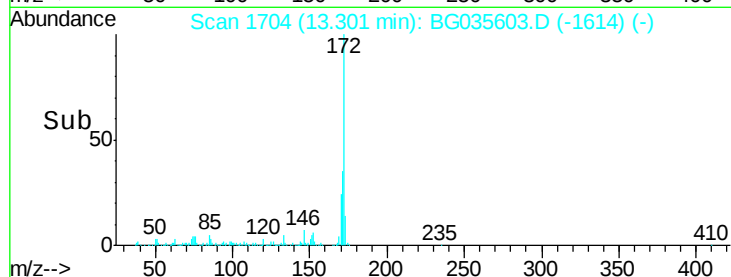
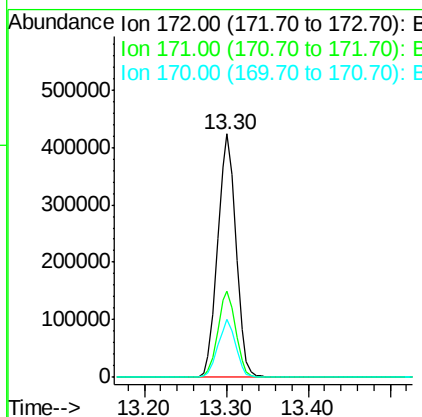
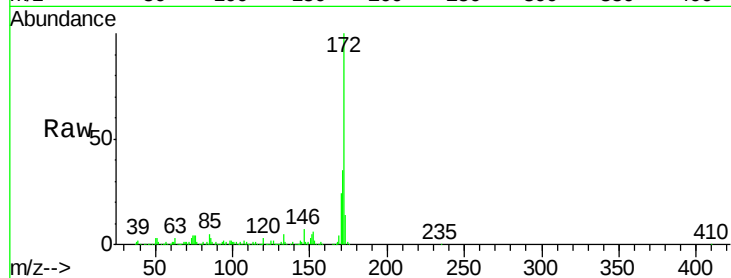




#44
 2-Fluorobiphenyl
 Concen: 82.762 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

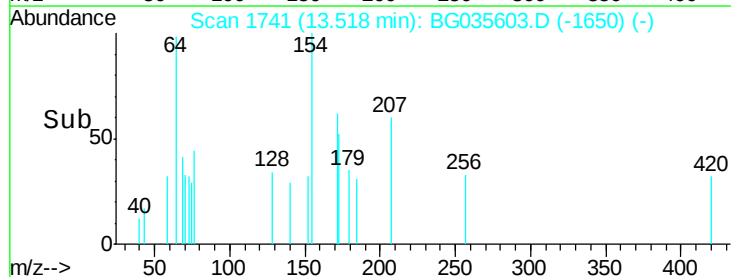
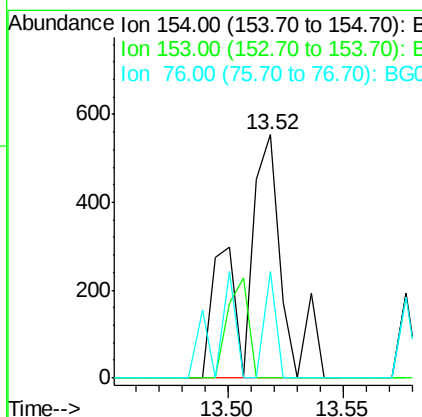
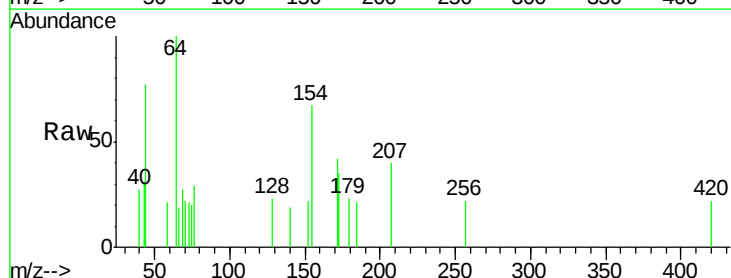
Instrument :
 BNA_G
 ClientSampled :
 PB110949BL

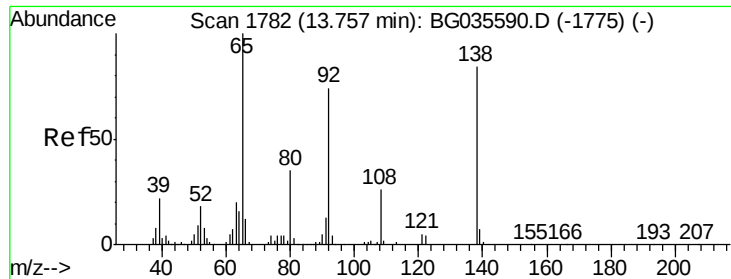
Tgt Ion:172 Resp: 664253
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.8 19.5 29.3



#45
 1,1'-Biphenyl
 Concen: 0.082 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Tgt Ion:154 Resp: 686
 Ion Ratio Lower Upper
 154 100
 153 0.0 19.8 59.8#
 76 44.0 0.0 31.9#

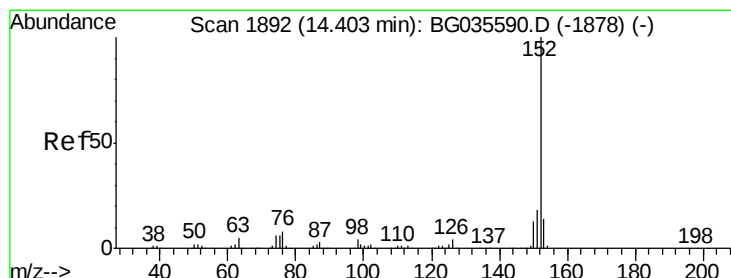
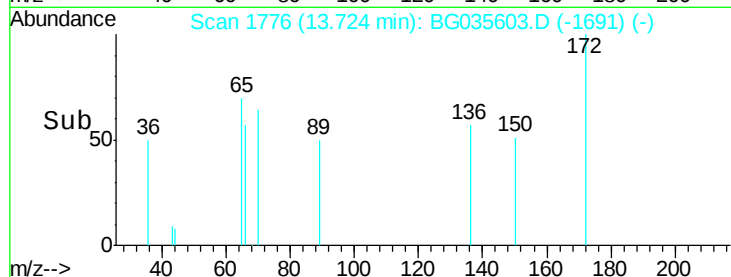
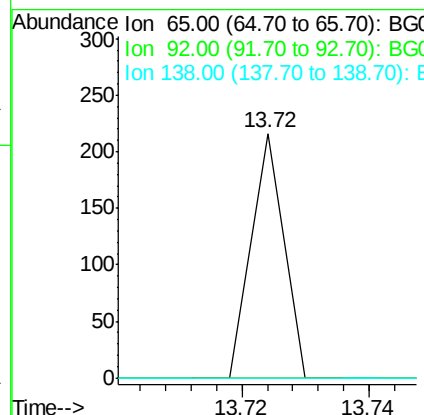
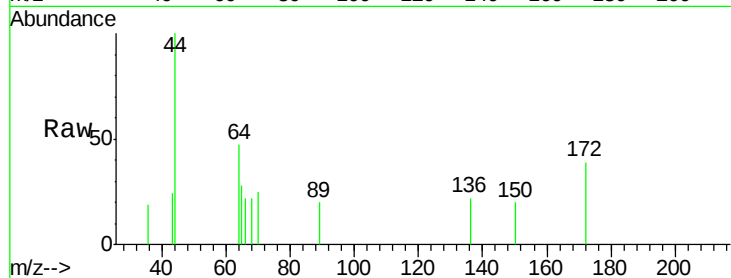




#47
2-Nitroaniline
Concen: 0.033 ng
RT: 13.72 min Scan# 1776
Delta R.T. -0.03 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

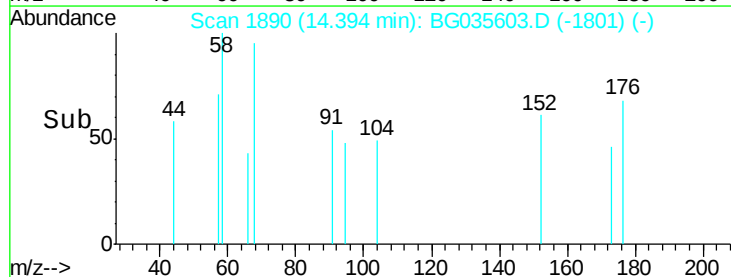
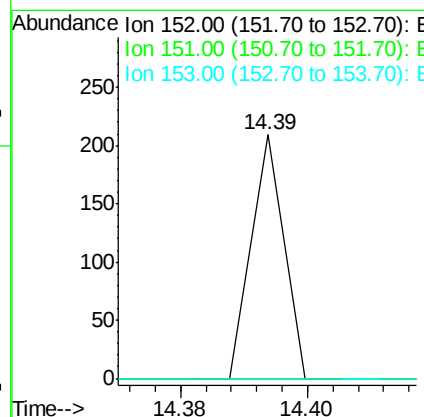
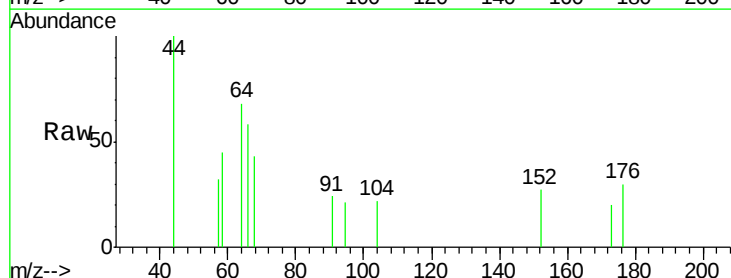
Instrument :
BNA_G
ClientSampleId :
PB110949BL

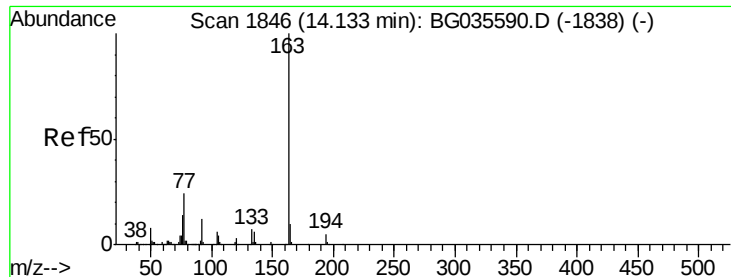
Tgt Ion: 65 Resp: 76
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#



#48
Acenaphthylene
Concen: 0.007 ng
RT: 14.39 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 152 Resp: 74
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.2 15.4#





#49

Dimethylphthalate

Concen: 0.010 ng

RT: 14.52 min Scan# 1911

Delta R.T. 0.38 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

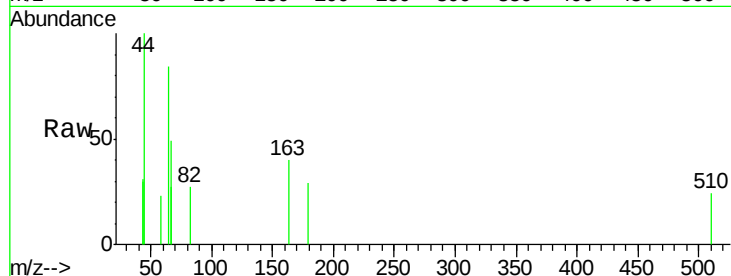
Tgt Ion:163 Resp: 97

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

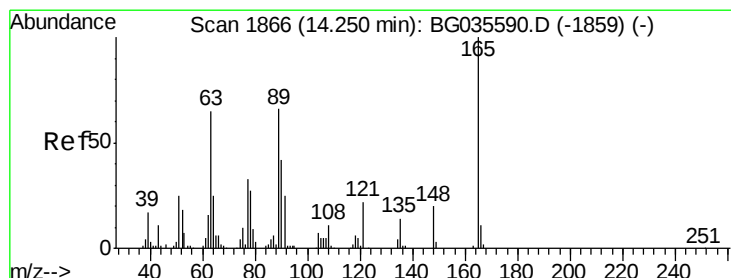
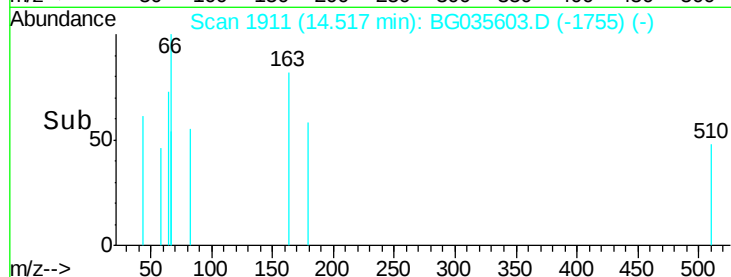
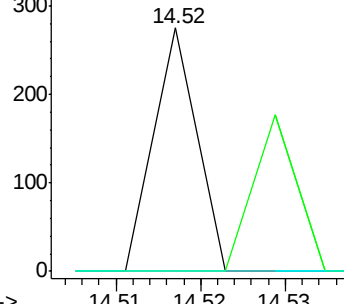
164 0.0 8.2 12.4#



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



#50

2,6-Dinitrotoluene

Concen: 7.463 ng

RT: 14.68 min Scan# 1938

Delta R.T. 0.43 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

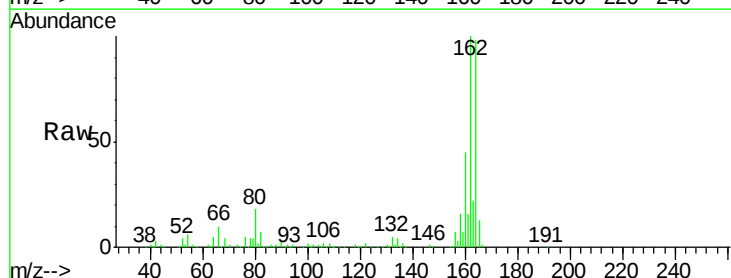
Tgt Ion:165 Resp: 14317

Ion Ratio Lower Upper

165 100

63 2.1 52.7 79.1#

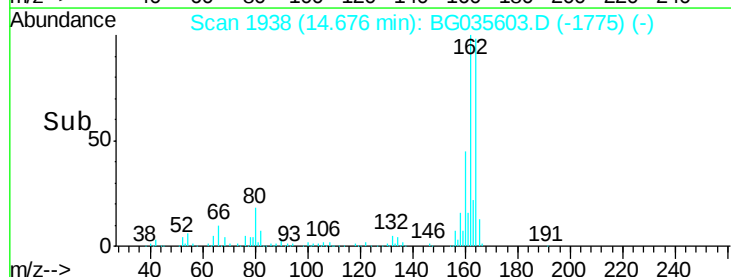
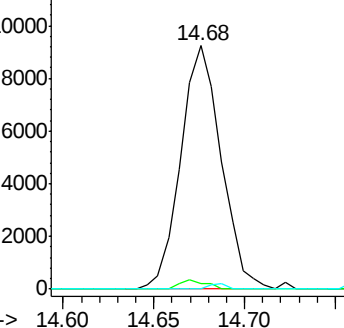
89 0.0 49.2 73.8#

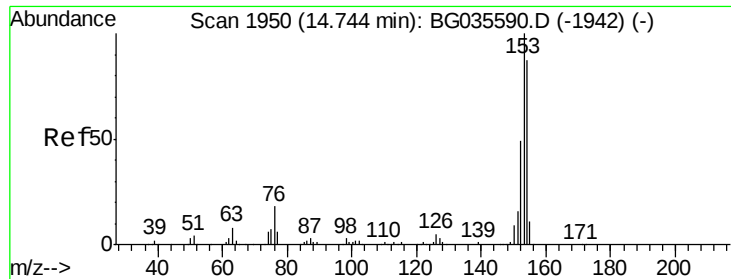


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.069 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.06 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

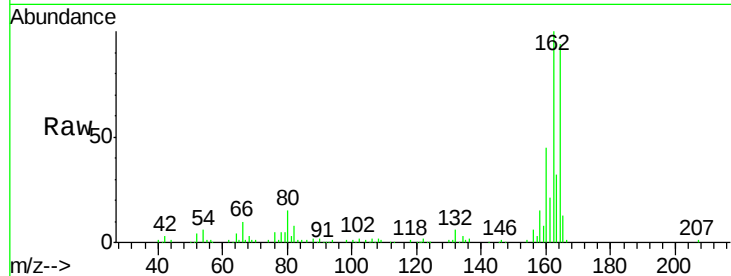
Tgt Ion:154 Resp: 467

Ion Ratio Lower Upper

154 100

153 0.0 90.4 135.6#

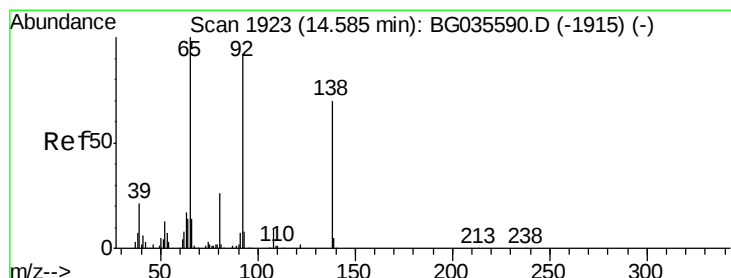
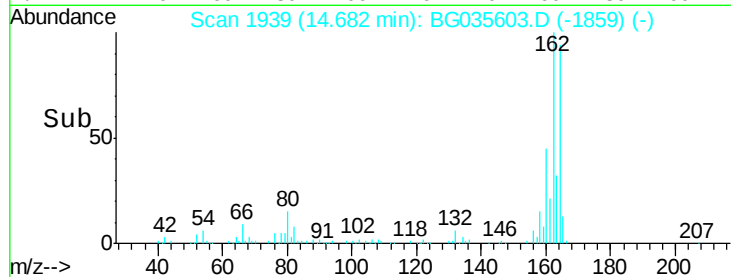
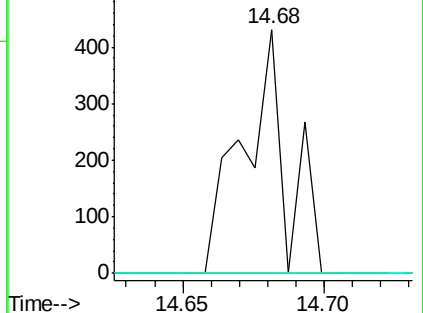
152 0.0 41.6 62.4#



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



#52

3-Nitroaniline

Concen: 0.030 ng

RT: 14.61 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

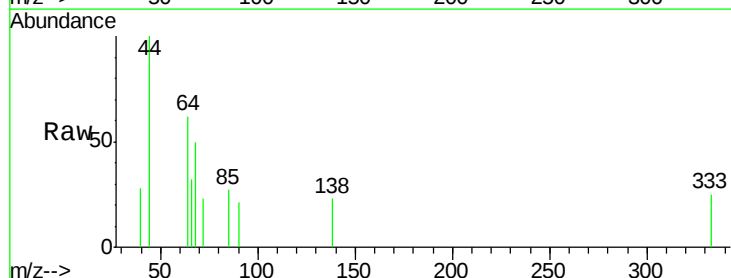
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

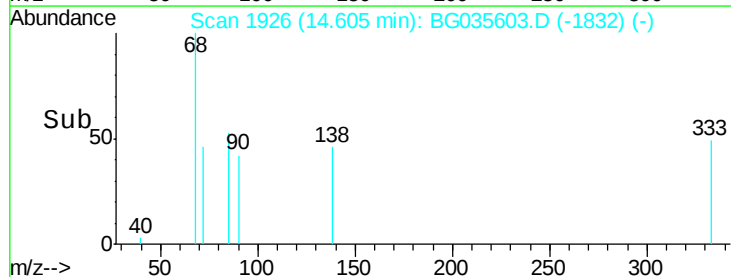
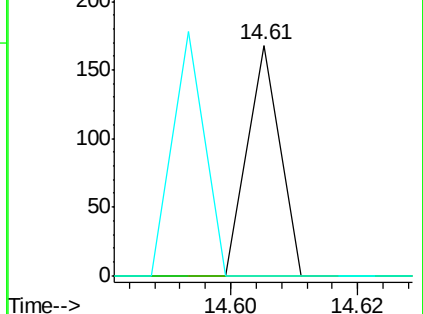
92 0.0 105.8 158.8#

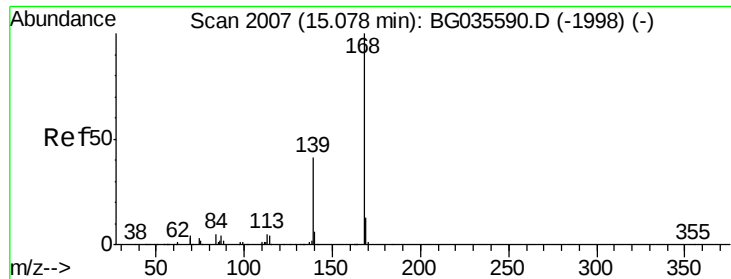


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#54

Dibenzenofuran

Concen: 0.007 ng

RT: 15.19 min Scan# 2025

Delta R.T. 0.11 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

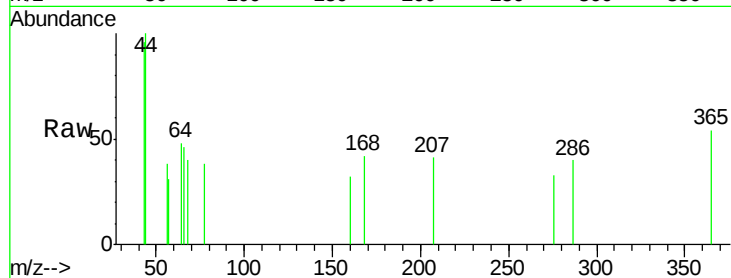
Tgt Ion:168 Resp: 73

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

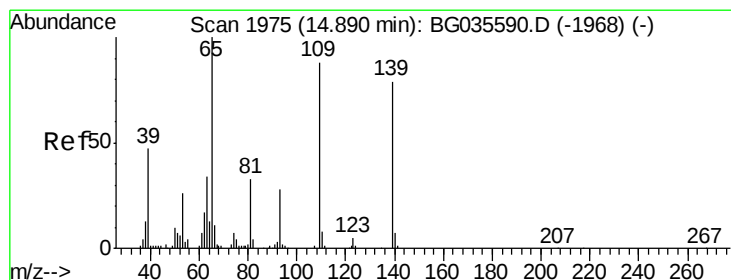
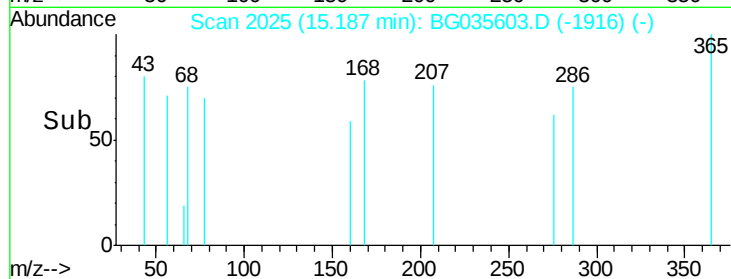
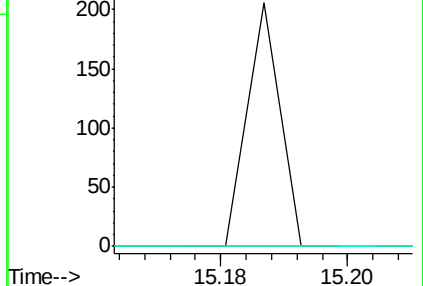
169 0.0 11.2 16.8#



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



#55

4-Nitrophenol

Concen: 0.045 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

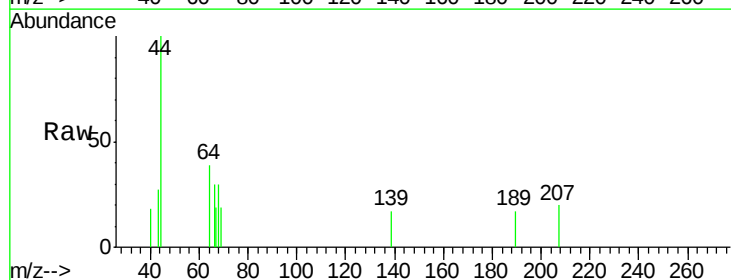
Tgt Ion:139 Resp: 63

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

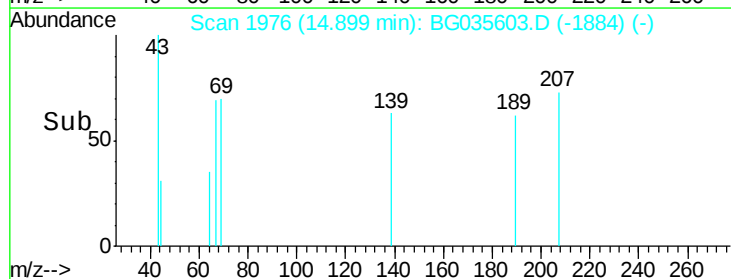
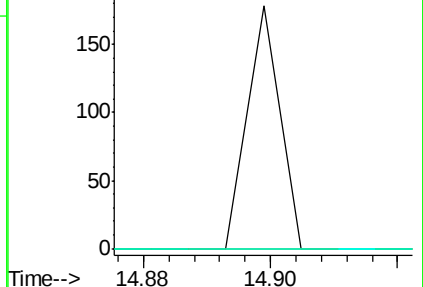
65 0.0 97.2 137.2#

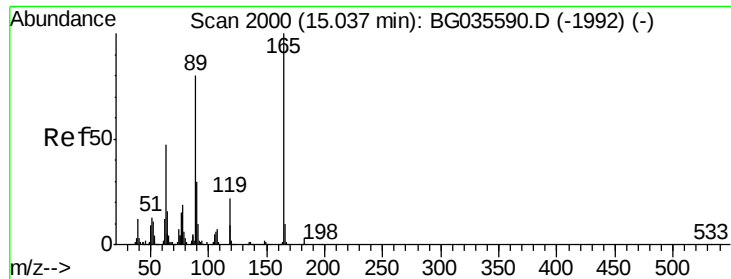


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

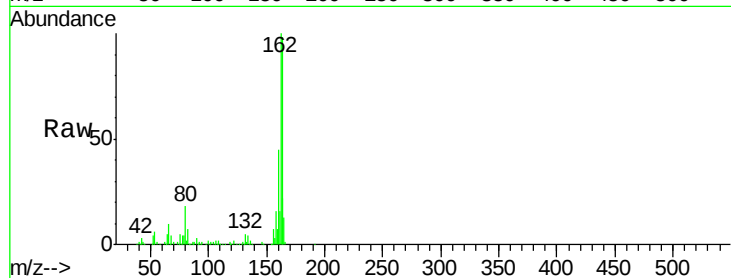




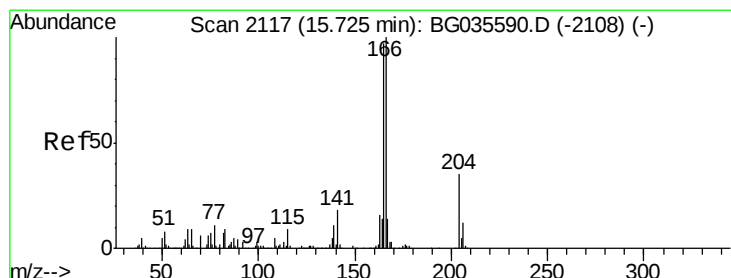
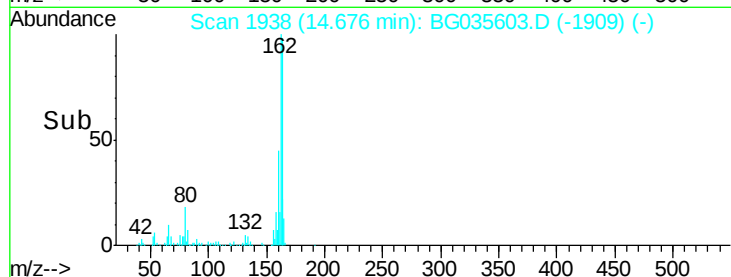
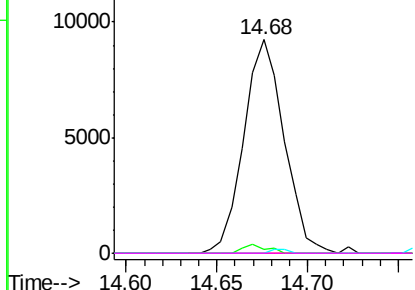
#56
2,4-Dinitrotoluene
Concen: 5.202 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion:165 Resp: 14317
Ion Ratio Lower Upper
165 100
63 2.1 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#

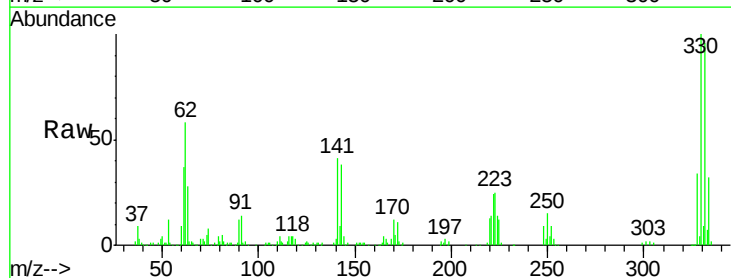


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

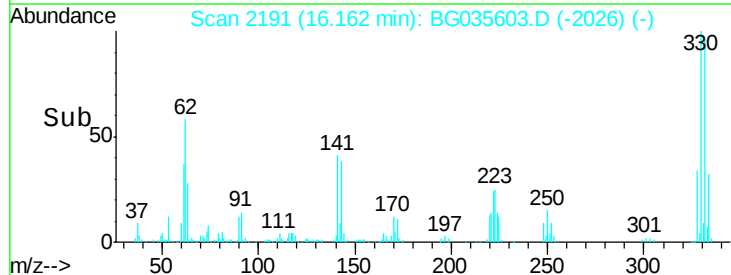
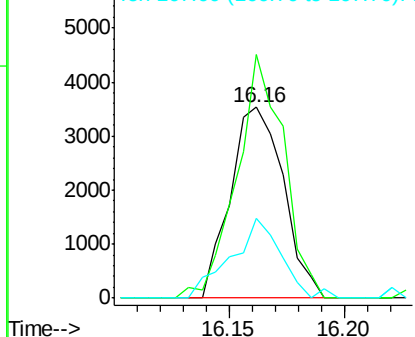


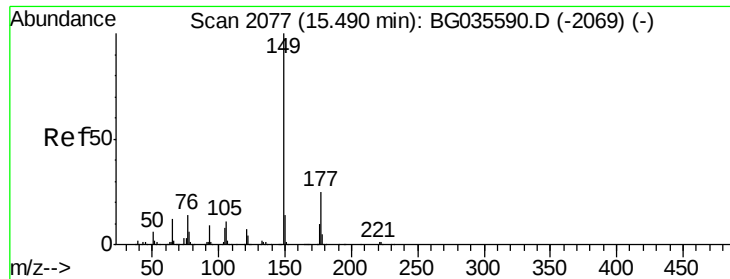
#57
Fluorene
Concen: 0.629 ng
RT: 16.16 min Scan# 2191
Delta R.T. 0.44 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion:166 Resp: 5669
Ion Ratio Lower Upper
166 100
165 127.5 80.6 121.0#
167 41.8 10.4 15.6#



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





#59

Diethylphthalate

Concen: 0.006 ng

RT: 15.67 min Scan# 2107

Delta R.T. 0.18 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

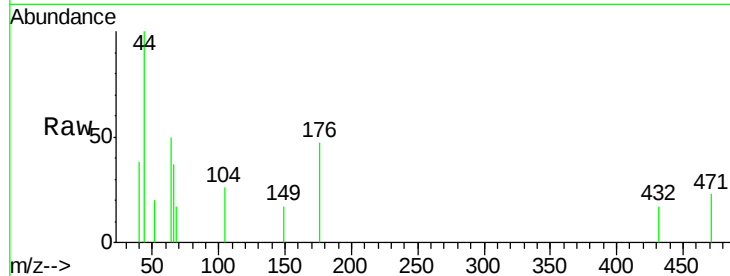
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

177 0.0 18.5 27.7#

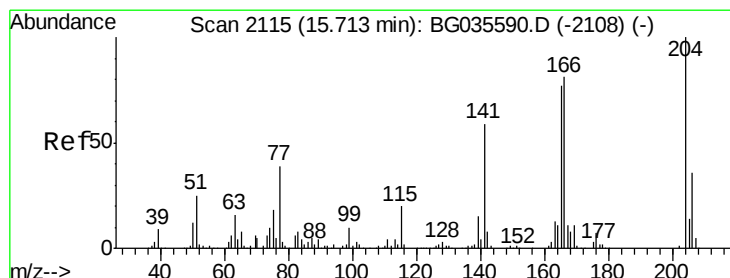
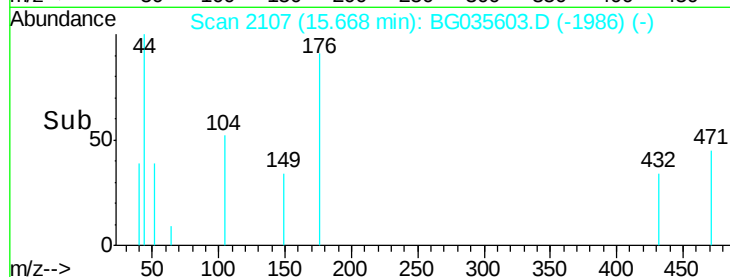
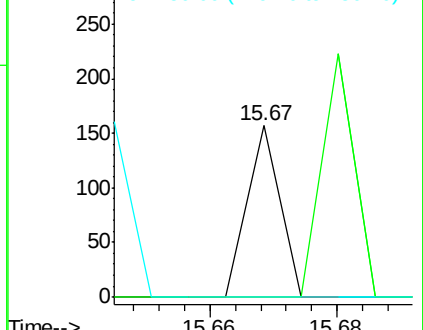
150 0.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 0.016 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.23 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

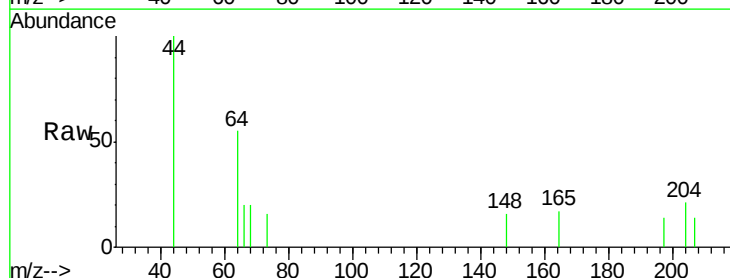
Tgt Ion:204 Resp: 85

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

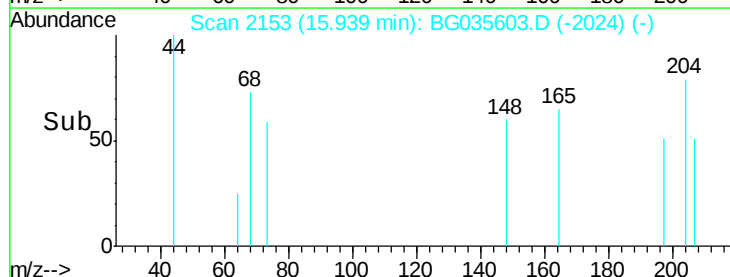
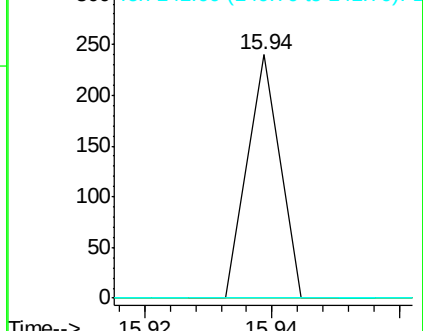
141 0.0 45.8 68.6#

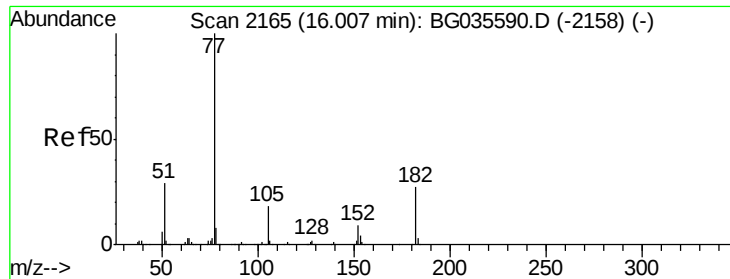


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

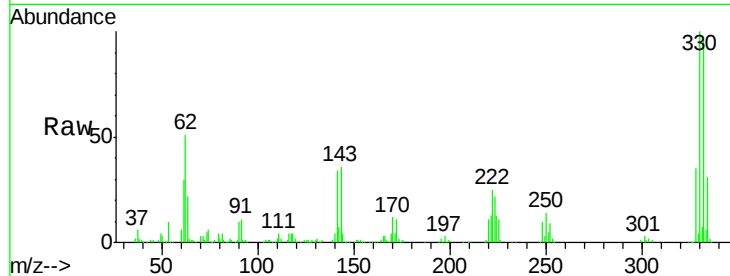




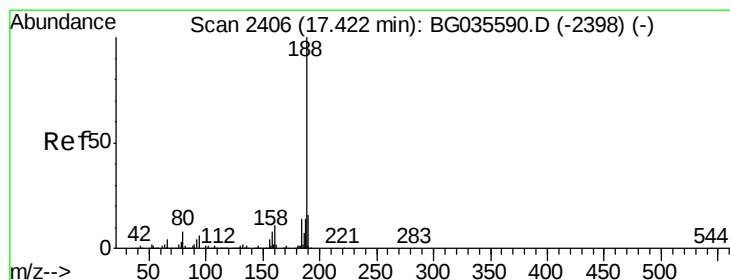
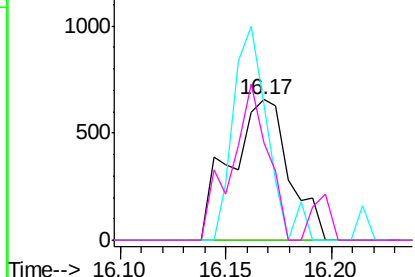
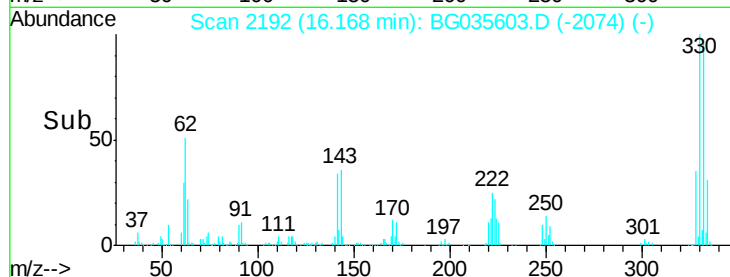
#62
Azobenzene
Concen: 0.133 ng
RT: 16.17 min Scan# 2192
Delta R.T. 0.16 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampleId :
PB110949BL

Tgt Ion: 77 Resp: 1275
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 96.7 0.3 40.3#
51 68.8 11.6 51.6#

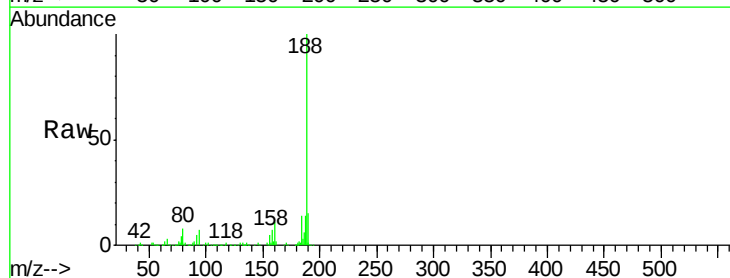


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

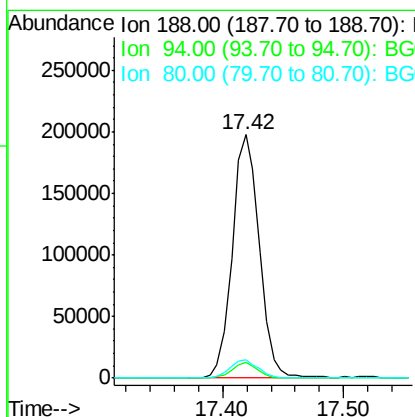
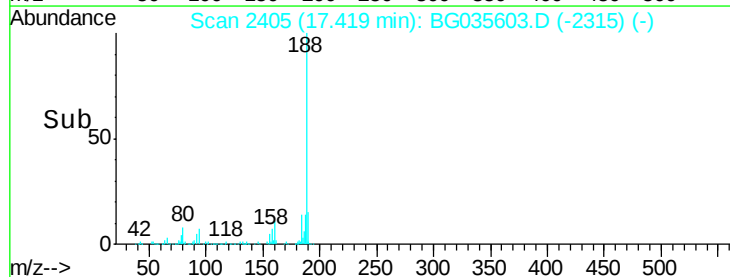


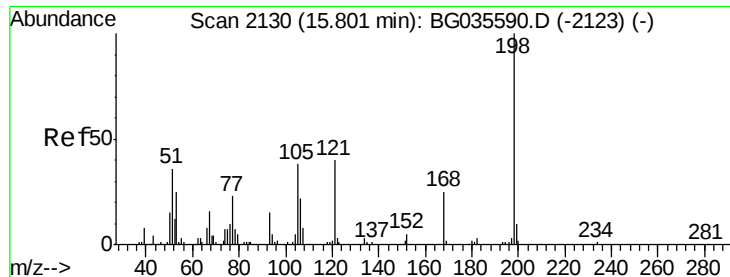
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 188 Resp: 308197
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.7 7.7 11.5



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





#64

4,6-Dinitro-2-methylphenol

Concen: 0.037 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.30 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

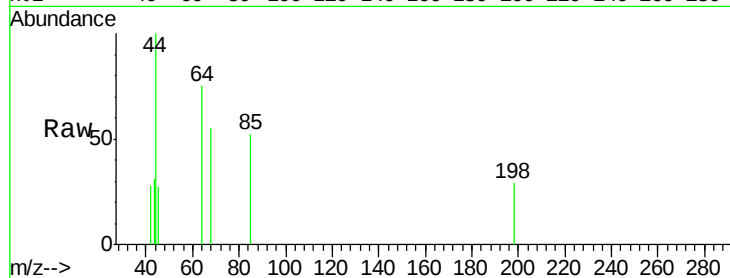
Tgt Ion:198 Resp: 63

Ion Ratio Lower Upper

198 100

51 0.0 30.6 70.6#

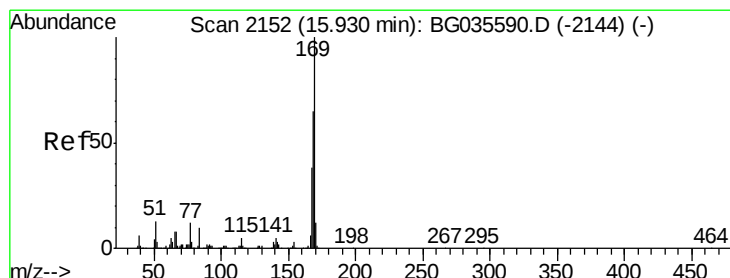
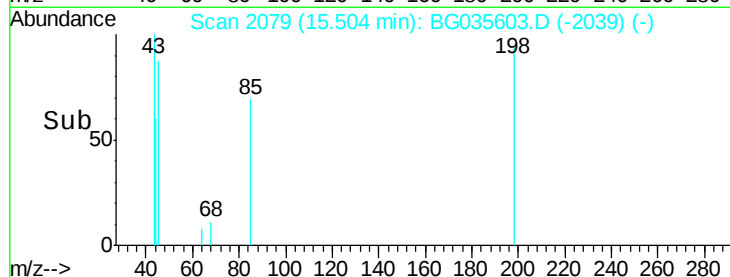
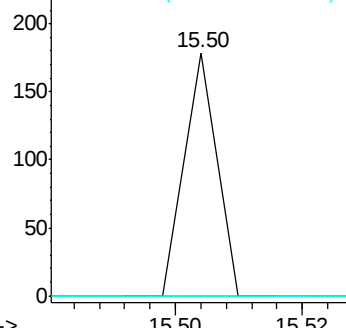
105 0.0 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.838 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.24 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

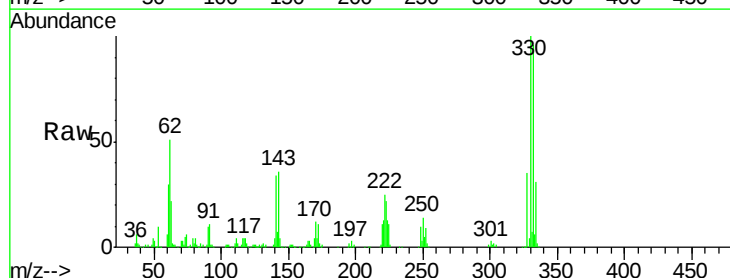
Tgt Ion:169 Resp: 7347

Ion Ratio Lower Upper

169 100

168 8.0 55.7 83.5#

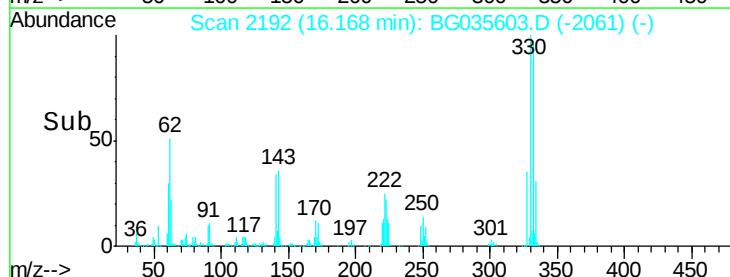
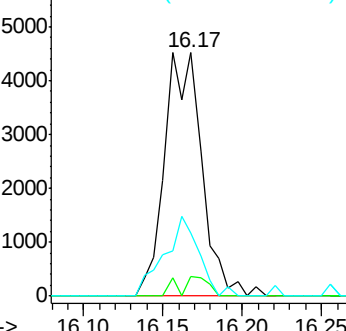
167 25.9 30.1 45.1#

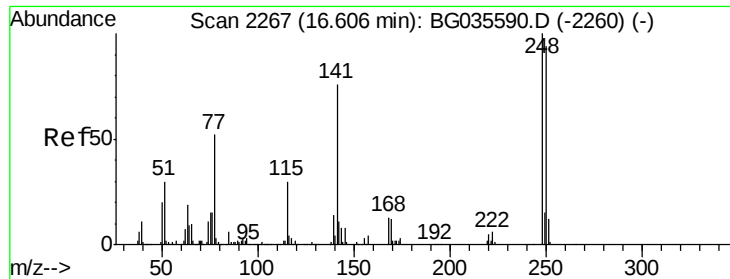


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

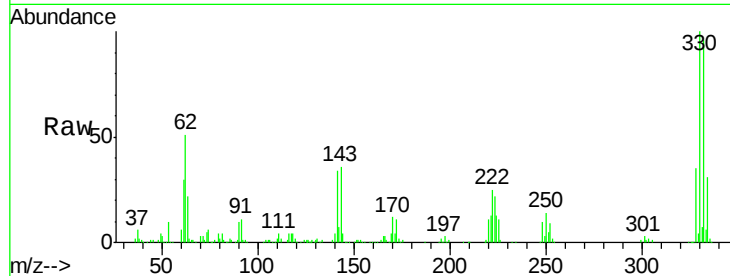




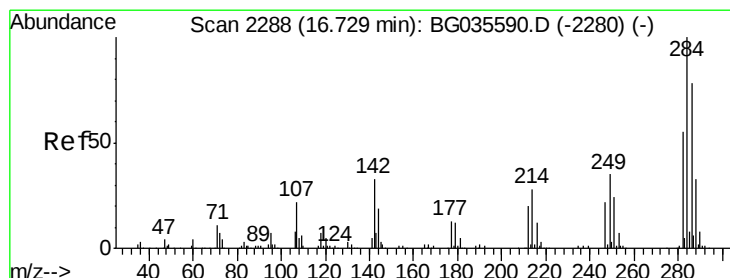
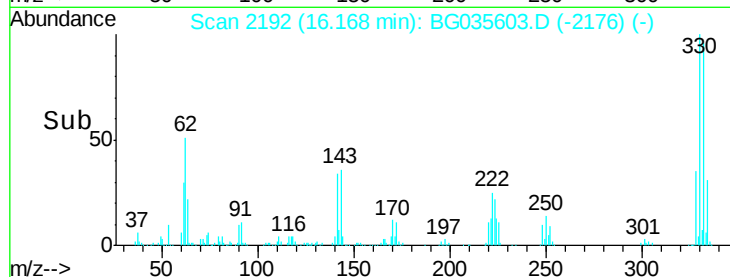
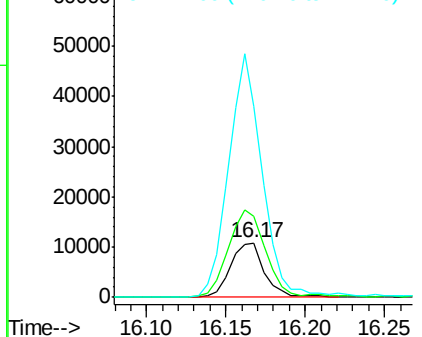
#66
 4-Bromophenyl-phenylether
 Concen: 4.487 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.44 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Instrument :
 BNA_G
 ClientSampleId :
 PB110949BL

Tgt Ion:248 Resp: 16045
 Ion Ratio Lower Upper
 248 100
 250 147.8 77.1 115.7#
 141 350.3 50.8 76.2#

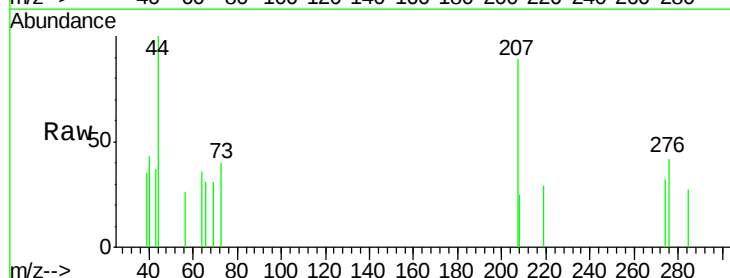


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

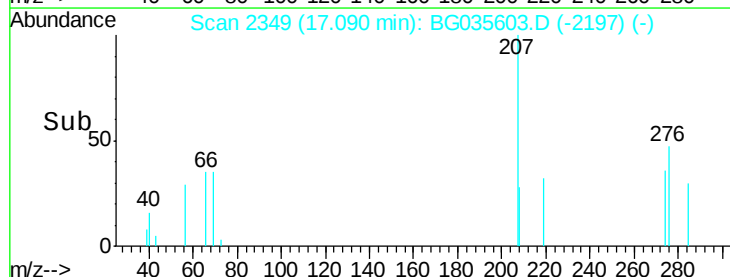
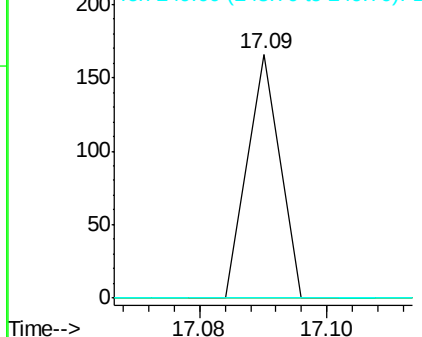


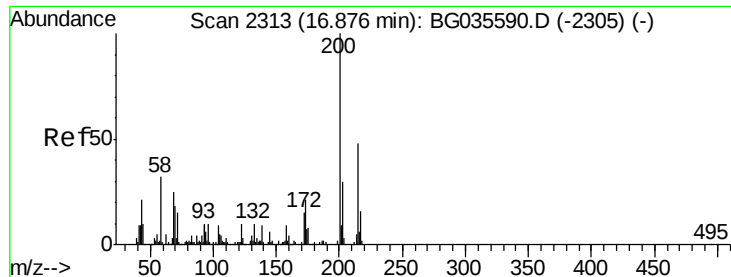
#67
 Hexachlorobenzene
 Concen: 0.016 ng
 RT: 17.09 min Scan# 2349
 Delta R.T. 0.36 min
 Lab File: BG035603.D
 Acq: 12 Jul 2018 20:31

Tgt Ion:284 Resp: 59
 Ion Ratio Lower Upper
 284 100
 142 0.0 26.8 40.2#
 249 0.0 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

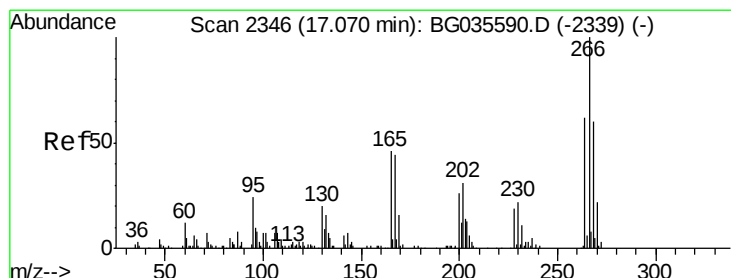
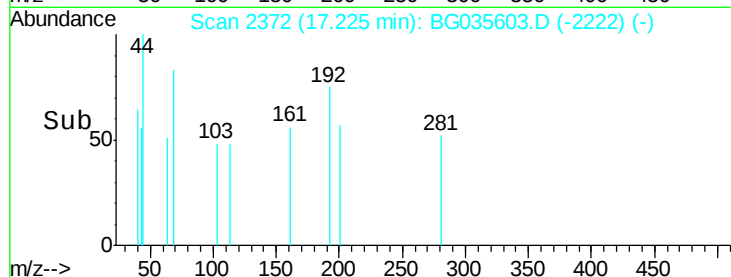
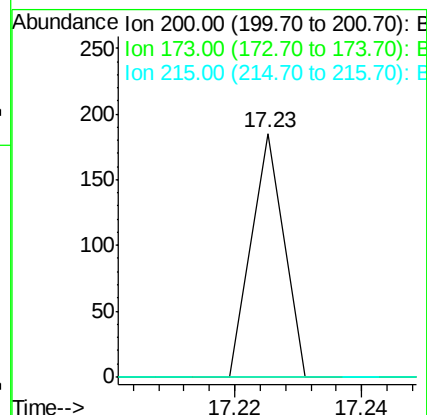
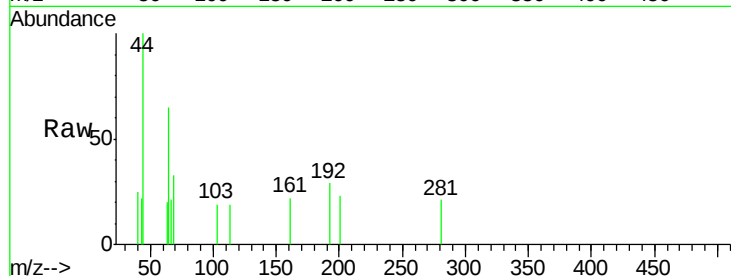




#68
Atrazine
Concen: 0.018 ng
RT: 17.23 min Scan# 2372
Delta R.T. 0.35 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

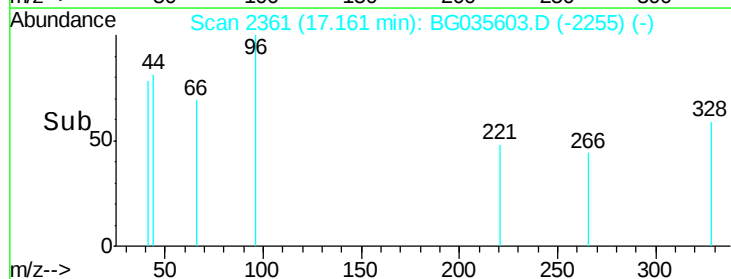
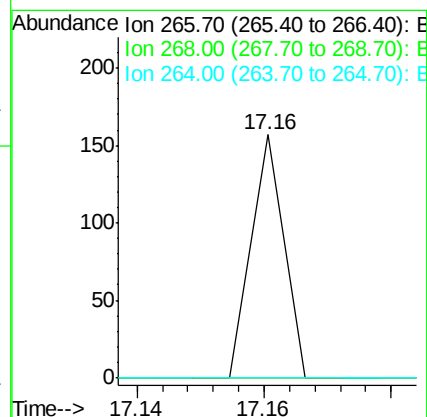
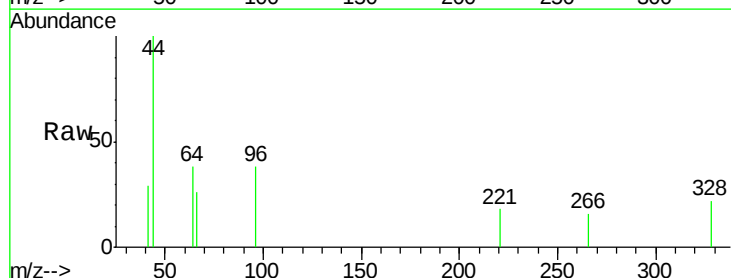
Instrument :
BNA_G
ClientSampled :
PB110949BL

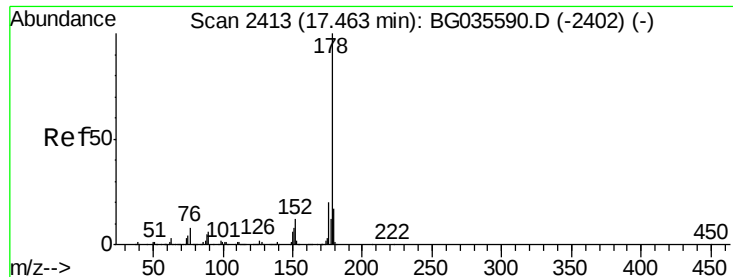
Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.2	45.2#
215	0.0	30.4	70.4#



#69
Pentachlorophenol
Concen: 0.025 ng
RT: 17.16 min Scan# 2361
Delta R.T. 0.09 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#





#70

Phenanthrene

Concen: 0.004 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.04 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

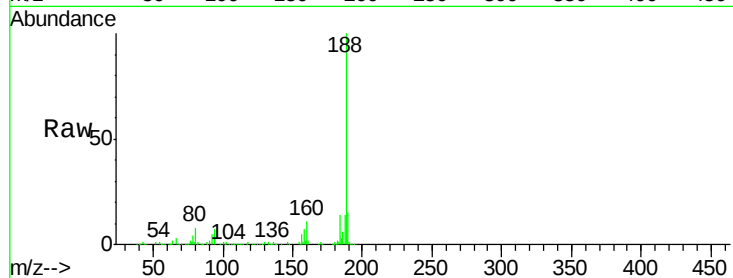
Tgt Ion:178 Resp: 66

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

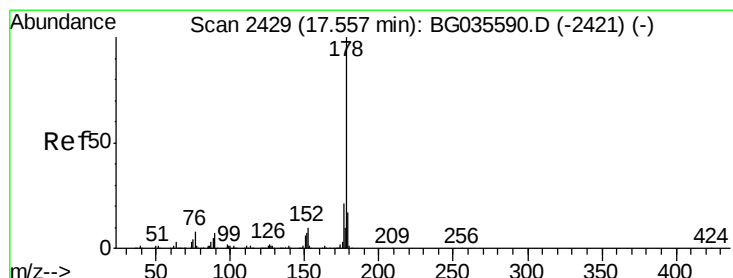
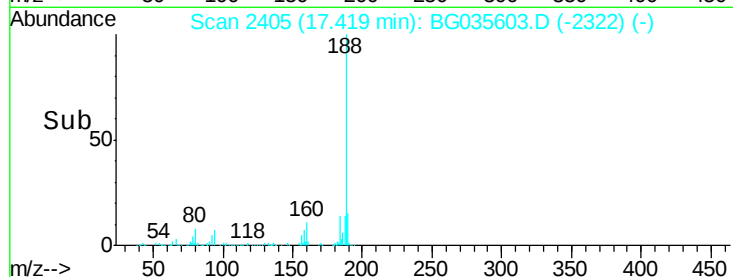
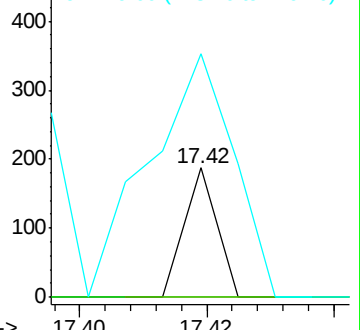
179 188.8 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.004 ng

RT: 17.54 min Scan# 2426

Delta R.T. -0.02 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

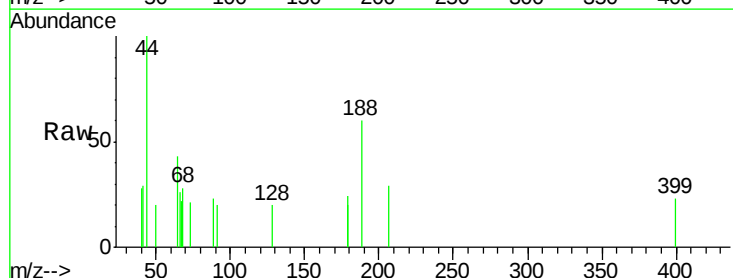
Tgt Ion:178 Resp: 65

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

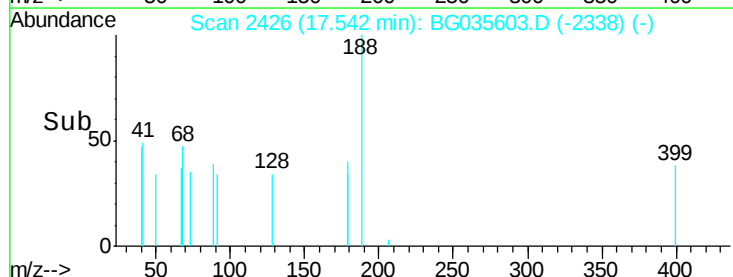
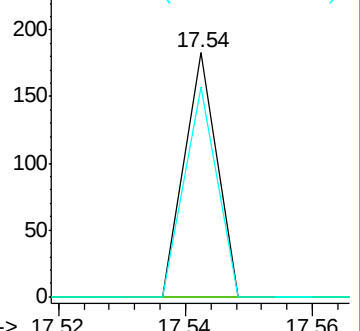
179 85.8 12.5 18.7#

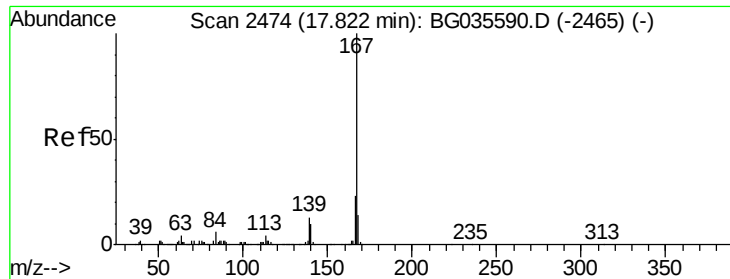


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.005 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.30 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

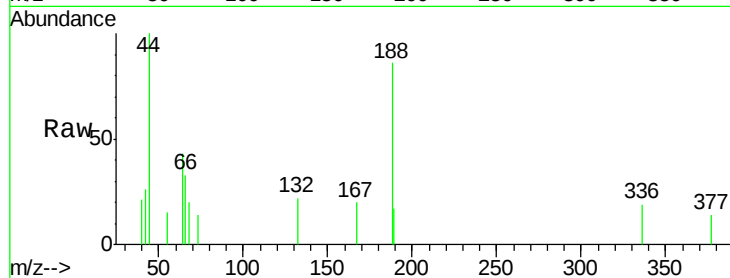
Tgt Ion:167 Resp: 75

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.52

250

200

150

100

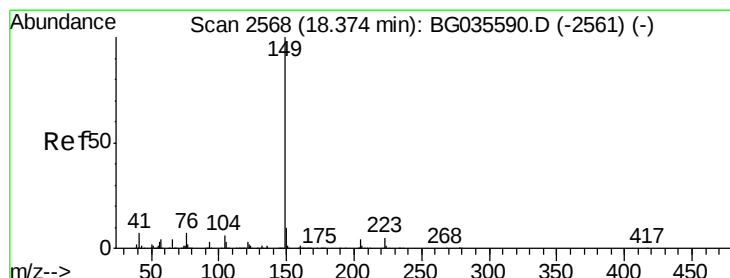
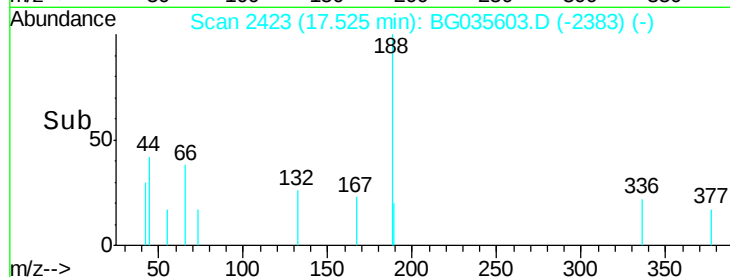
50

0

17.52

17.54

Time-->



#73

Di-n-butylphthalate

Concen: 0.028 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

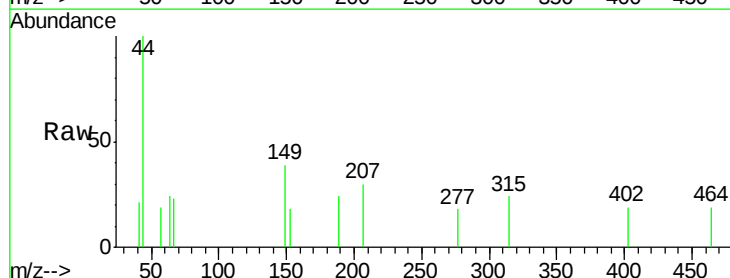
Tgt Ion:149 Resp: 478

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.37

500

400

300

200

100

0

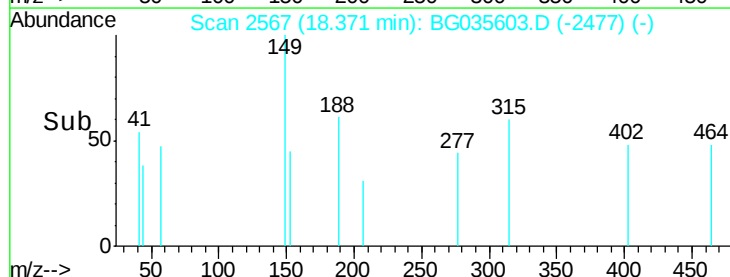
18.34

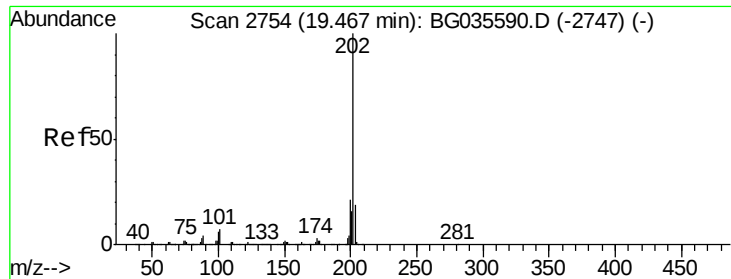
18.36

18.38

18.40

Time-->





#74

Fluoranthene

Concen: 0.007 ng

RT: 19.80 min Scan# 2810

Delta R.T. 0.33 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

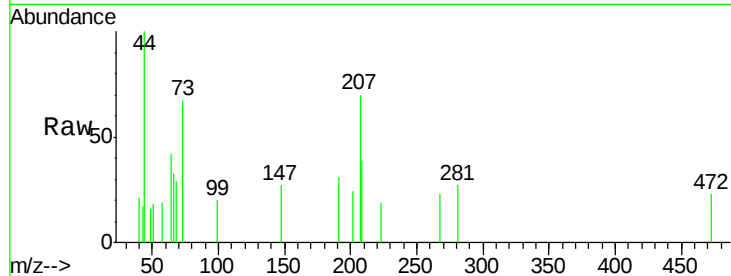
Tgt Ion:202 Resp: 146

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

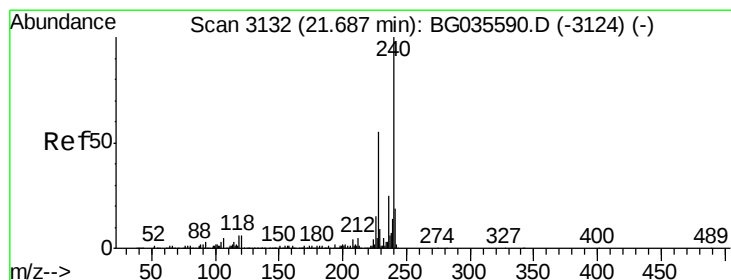
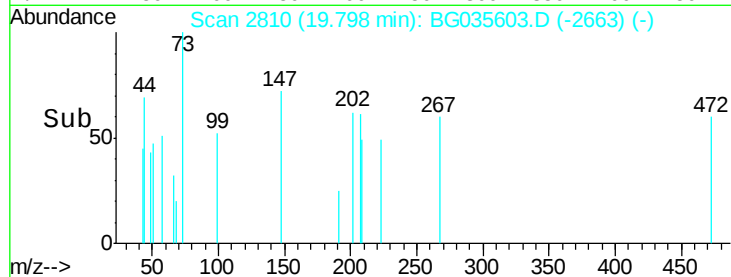
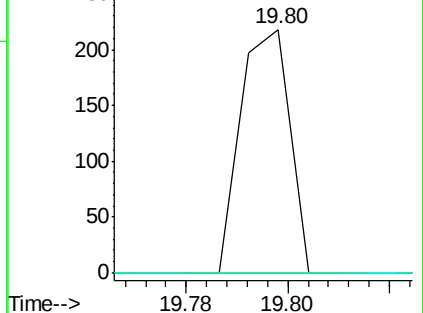
203 0.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

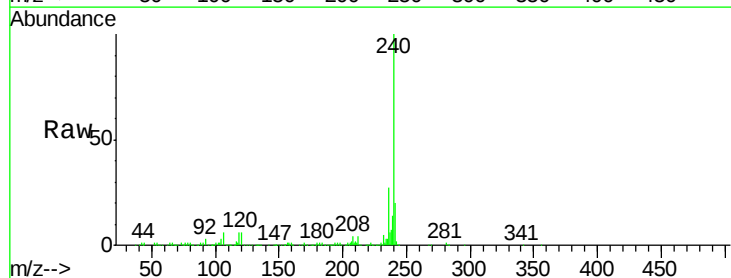
Tgt Ion:240 Resp: 338549

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

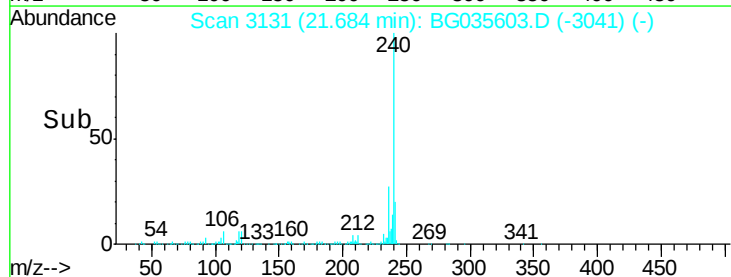
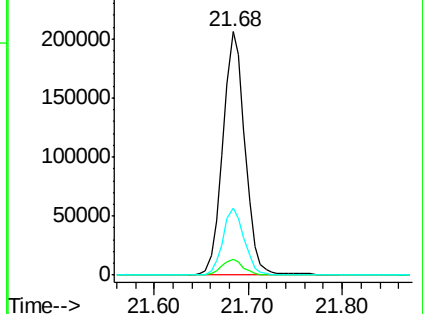
236 27.3 20.9 31.3

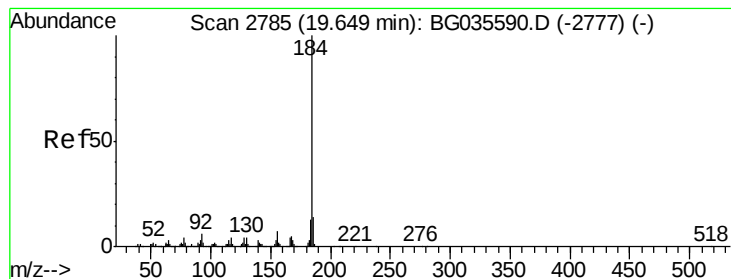


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.536 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

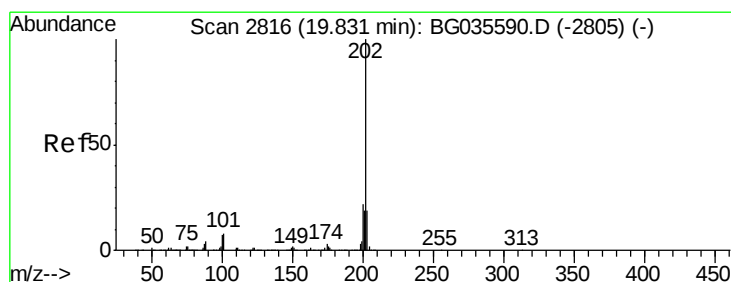
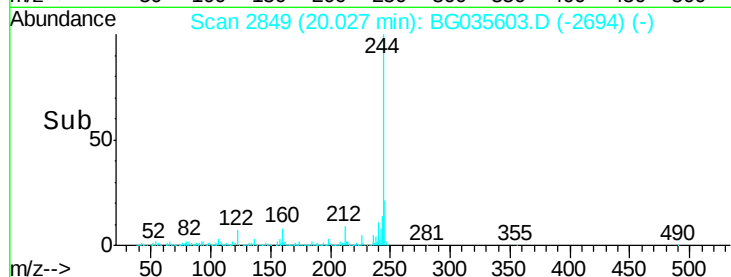
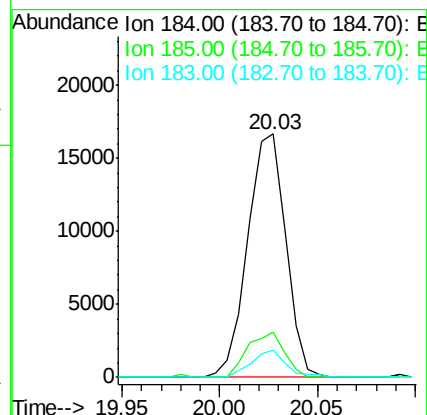
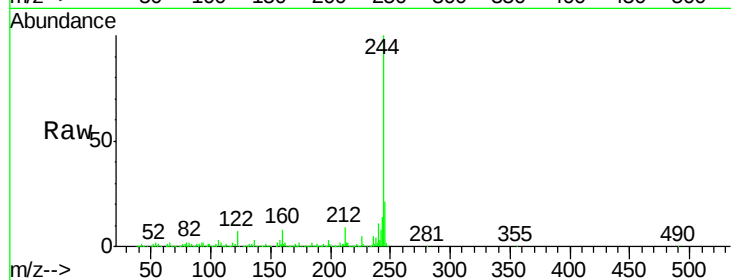
Tgt Ion:184 Resp: 22571

Ion Ratio Lower Upper

184 100

185 18.7 11.1 16.7#

183 11.4 10.6 16.0



#77

Pyrene

Concen: 0.242 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.19 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

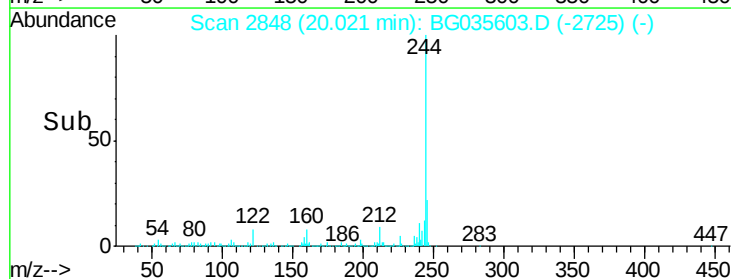
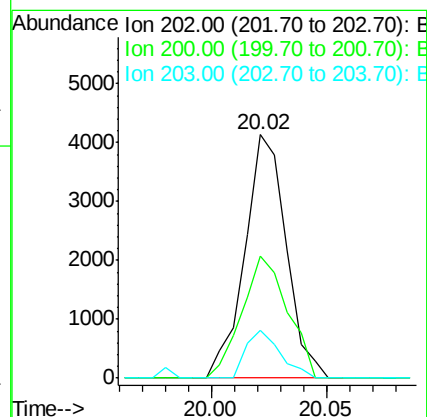
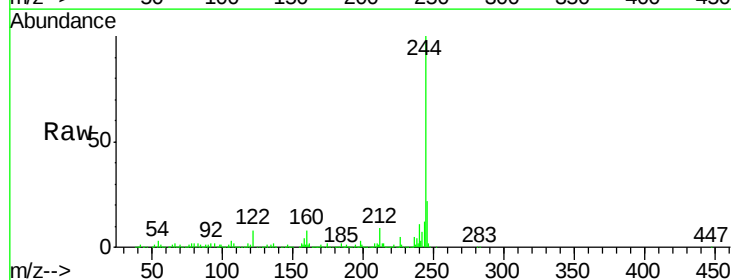
Tgt Ion:202 Resp: 5186

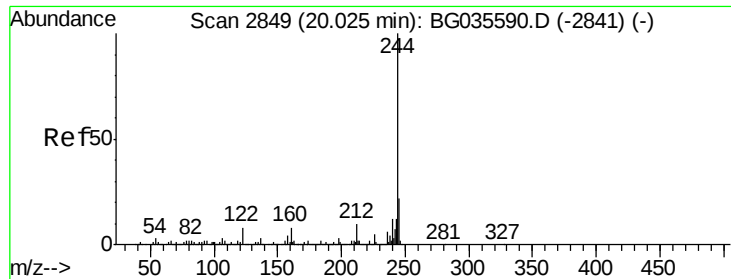
Ion Ratio Lower Upper

202 100

200 50.1 16.9 25.3#

203 19.5 13.9 20.9





#78

Terphenyl-d14

Concen: 85.629 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

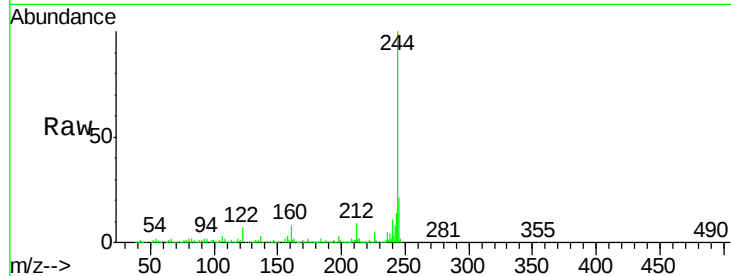
Tgt Ion:244 Resp: 1315144

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

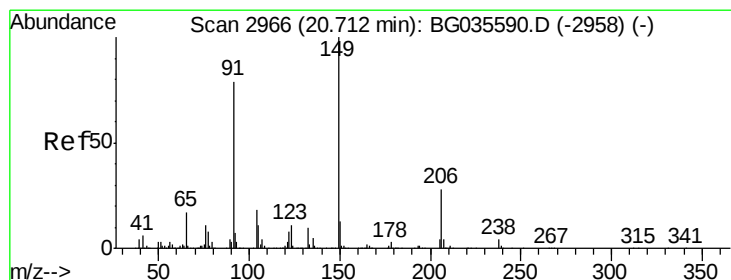
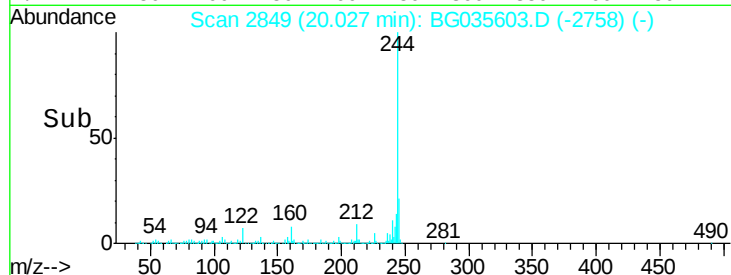
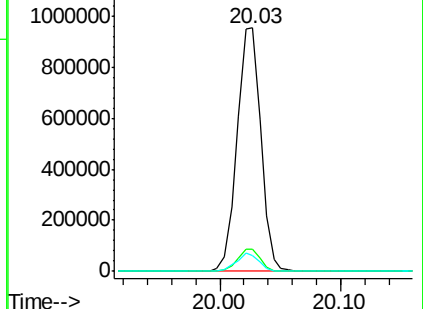
122 6.7 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.008 ng

RT: 20.71 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

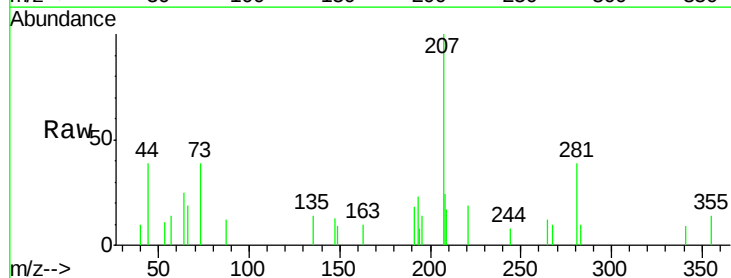
Tgt Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

91 0.0 62.2 93.2#

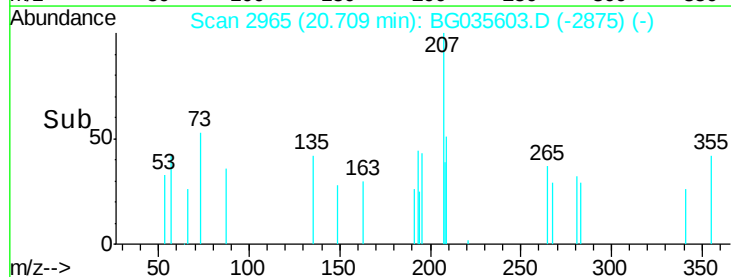
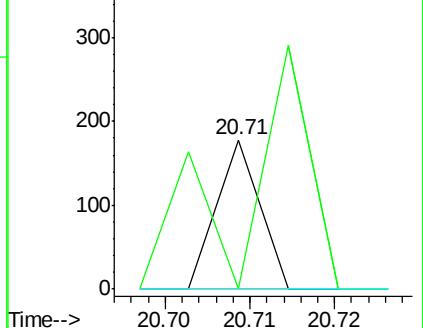
206 0.0 18.6 27.8#

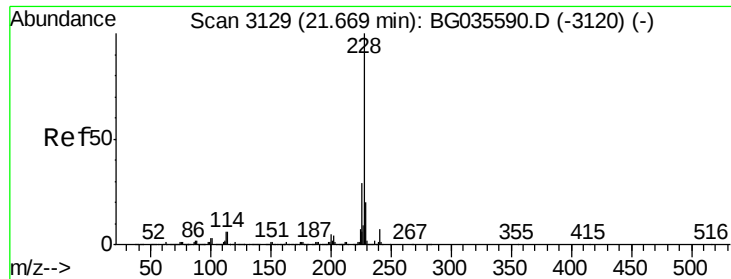


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.045 ng

RT: 21.68 min Scan# 3131

Delta R.T. 0.01 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

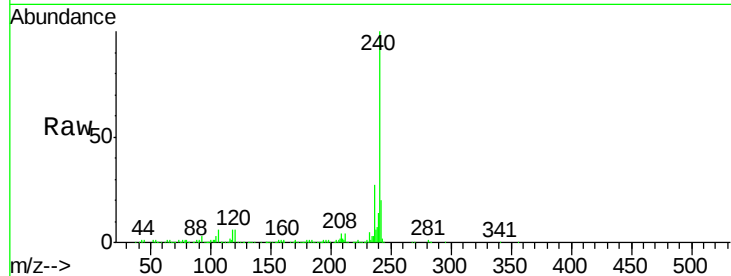
Tgt Ion:228 Resp: 942

Ion Ratio Lower Upper

228 100

226 33.8 22.7 34.1

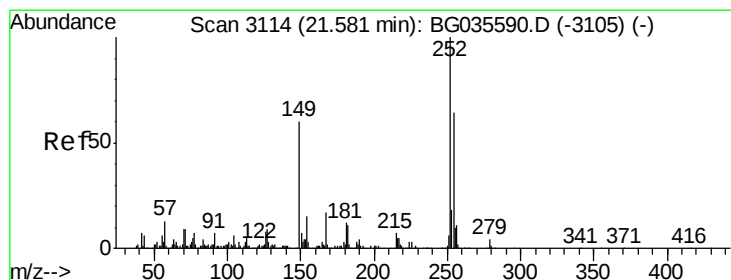
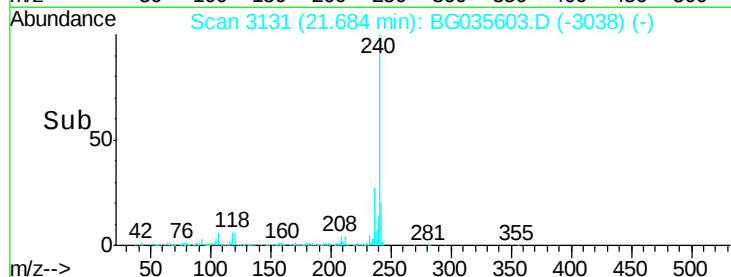
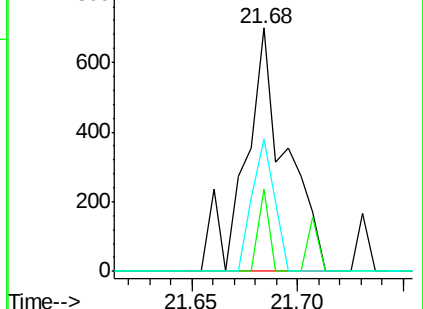
229 54.4 16.2 24.2#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.010 ng

RT: 21.65 min Scan# 3125

Delta R.T. 0.07 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

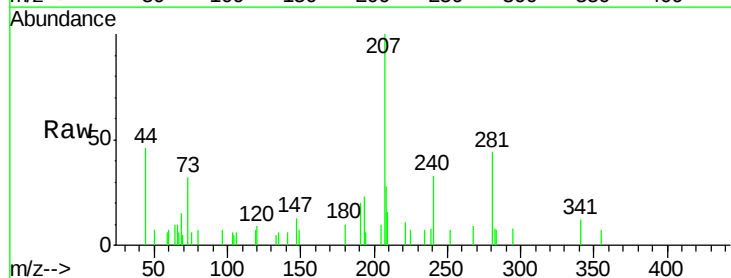
Tgt Ion:252 Resp: 74

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

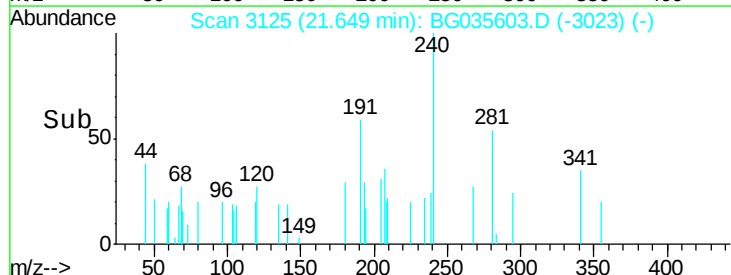
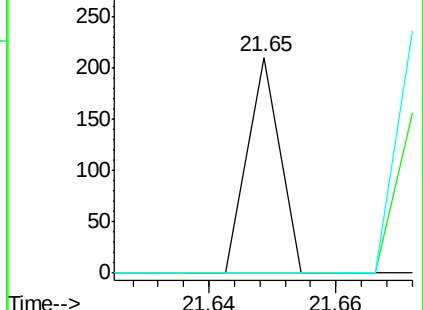
126 0.0 7.4 11.2#

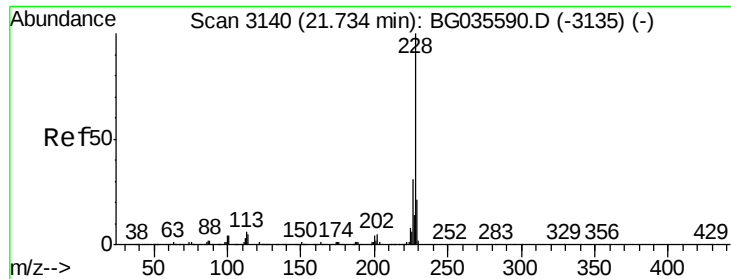


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.003 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

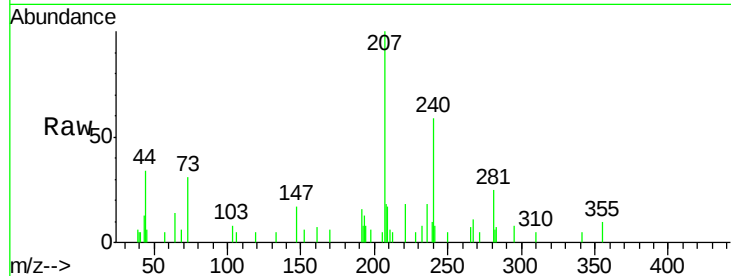
Tgt Ion:228 Resp: 59

Ion Ratio Lower Upper

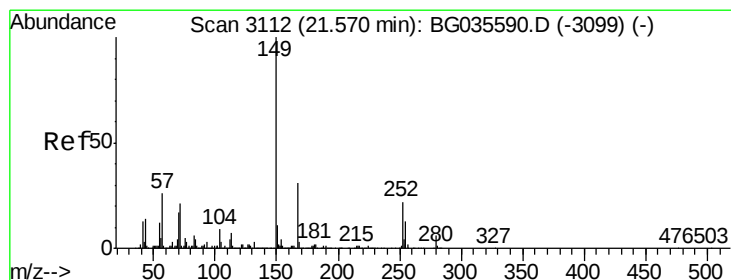
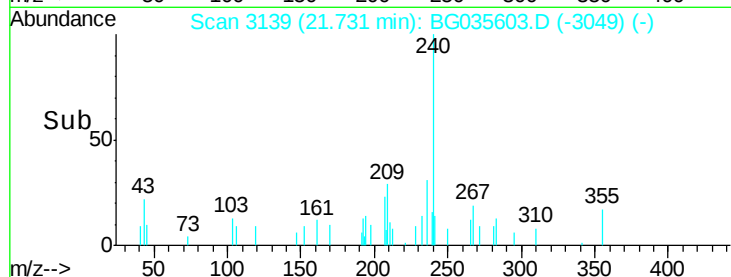
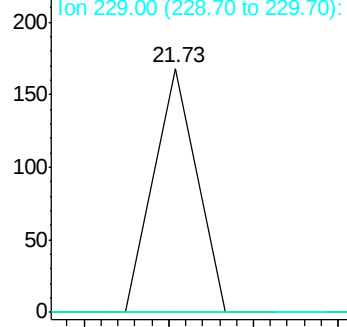
228 100

226 0.0 24.9 37.3#

229 0.0 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.028 ng

RT: 21.57 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

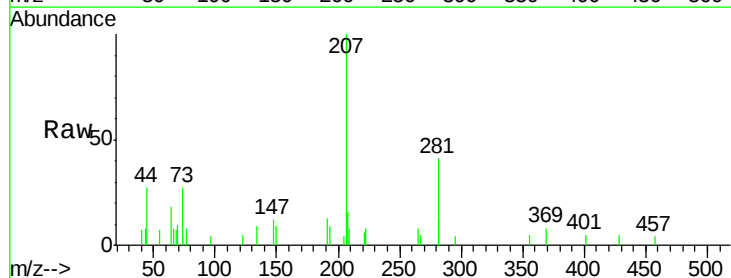
Tgt Ion:149 Resp: 287

Ion Ratio Lower Upper

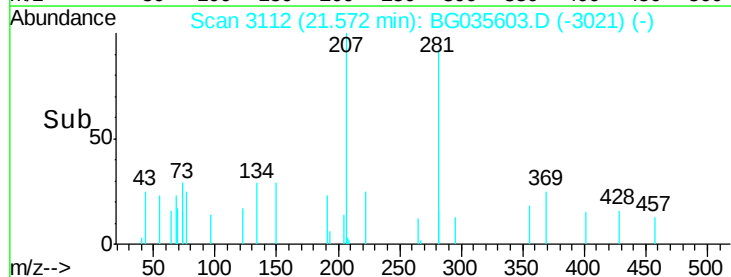
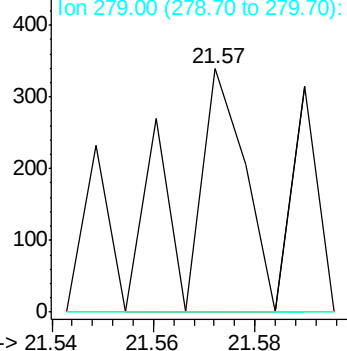
149 100

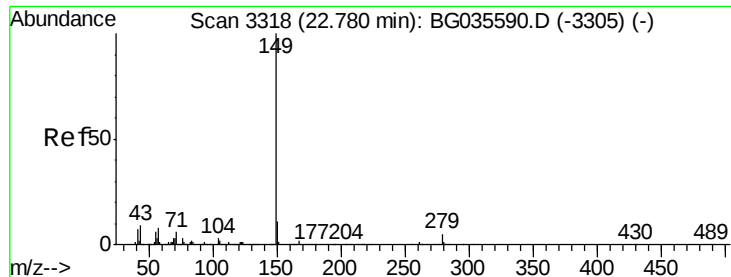
167 0.0 24.3 36.5#

279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E





#84

Di-n-octyl phthalate

Concen: 0.019 ng

RT: 22.78 min Scan# 3317

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

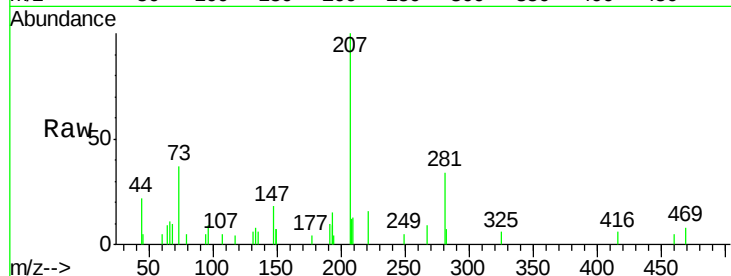
Tgt Ion:149 Resp: 337

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

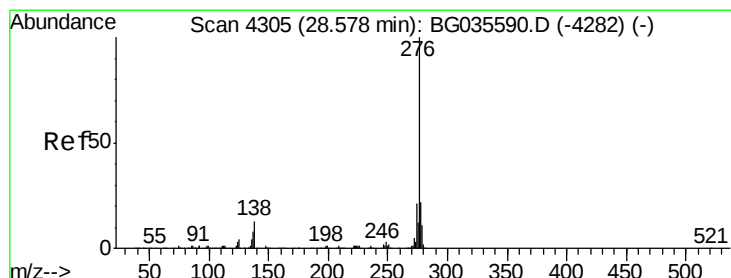
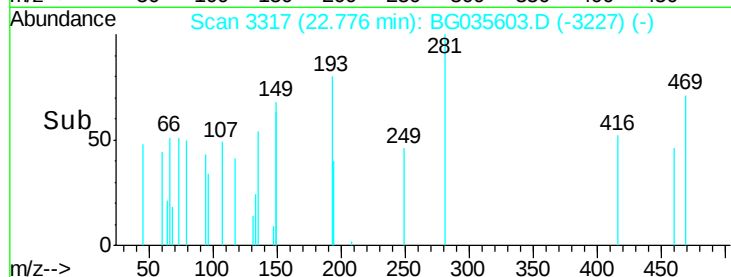
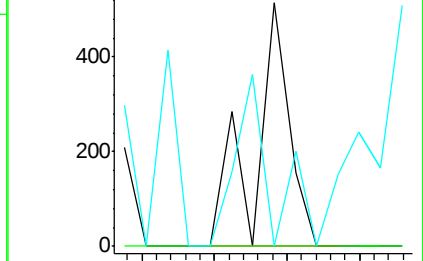
43 75.7 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.003 ng

RT: 28.63 min Scan# 4313

Delta R.T. 0.05 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

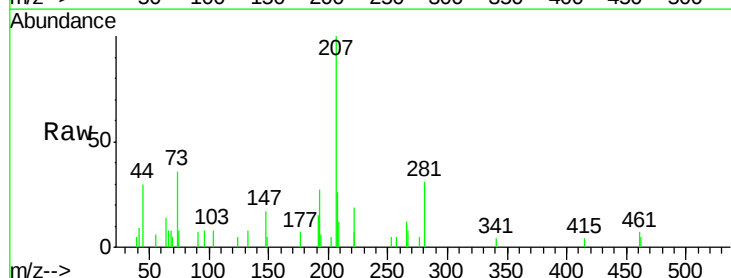
Tgt Ion:276 Resp: 59

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

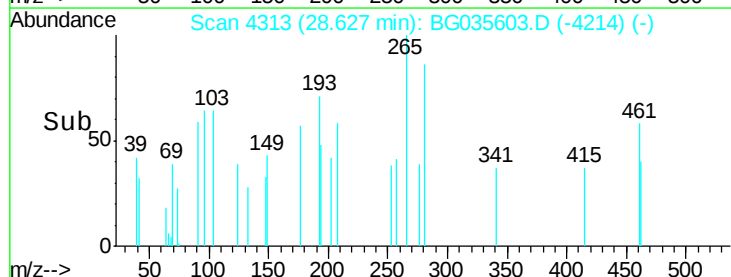
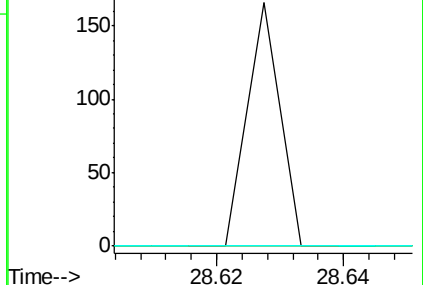
277 0.0 20.0 30.0#

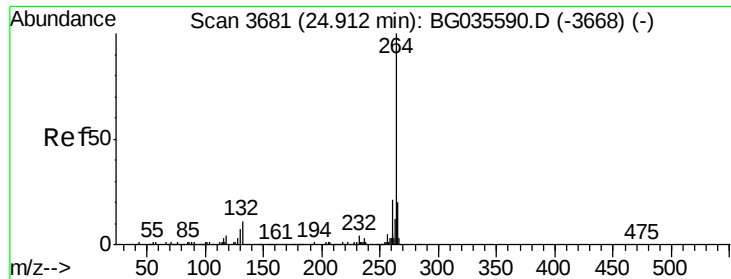


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



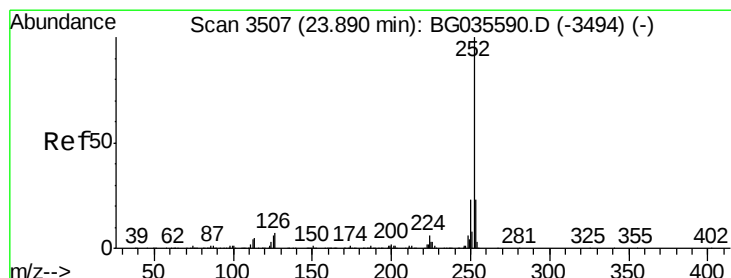
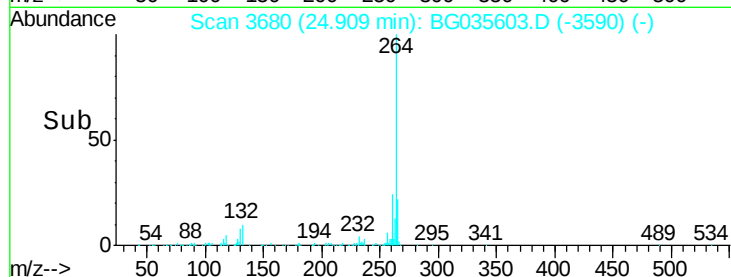
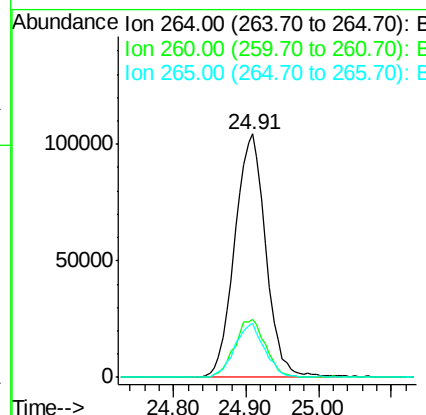
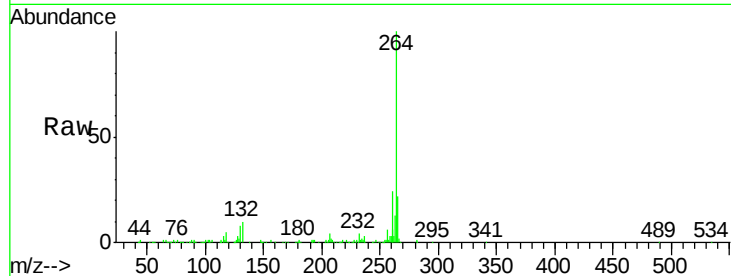


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.00 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Instrument :
BNA_G
ClientSampled :
PB110949BL

Tgt Ion: 264 Resp: 310704

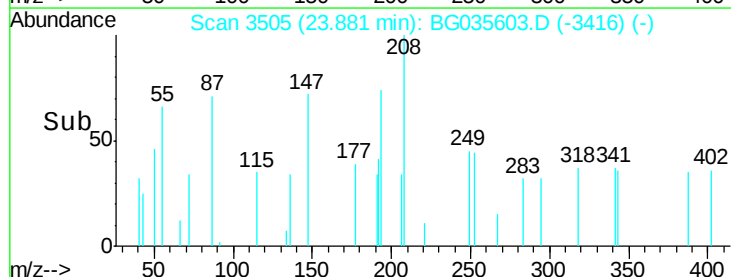
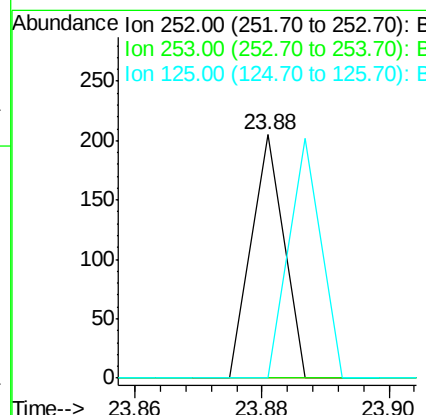
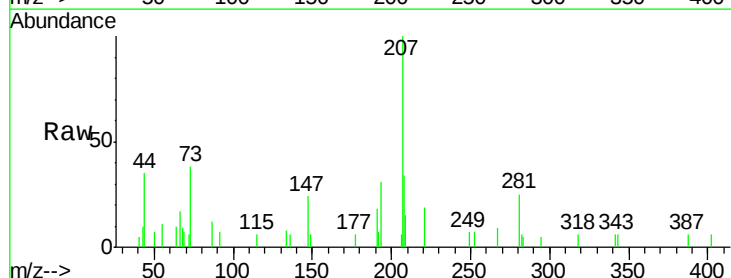
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	17.7	26.5

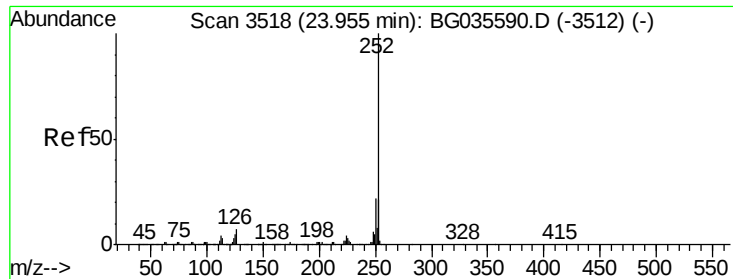


#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 23.88 min Scan# 3505
Delta R.T. -0.01 min
Lab File: BG035603.D
Acq: 12 Jul 2018 20:31

Tgt Ion: 252 Resp: 72

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#





#88

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

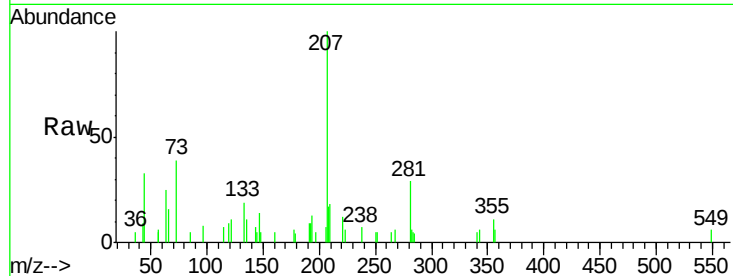
Instrument :

BNA_G

ClientSampleId :

PB110949BL

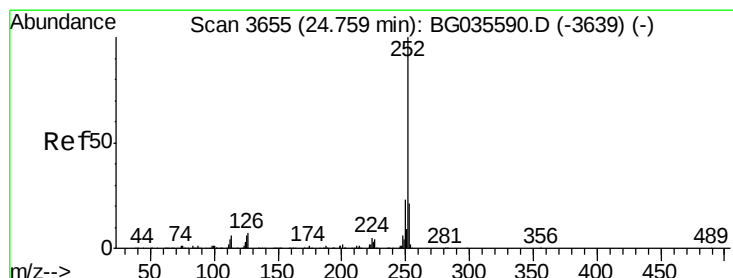
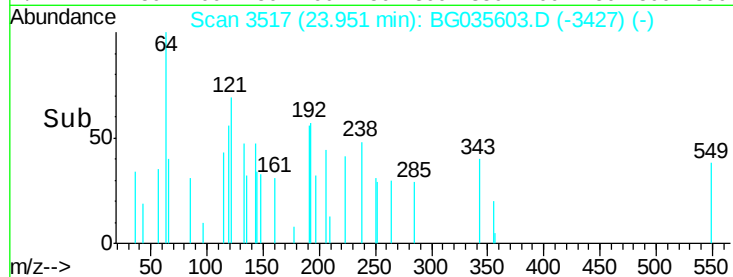
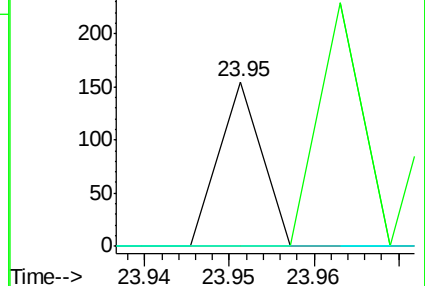
Tgt Ion:	252	Resp:	55
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#



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



#89

Benzo(a)pyrene

Concen: 0.014 ng

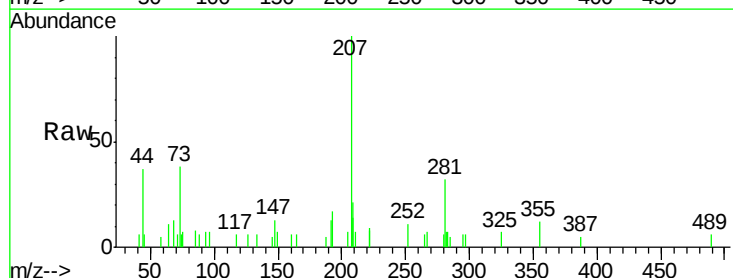
RT: 24.74 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

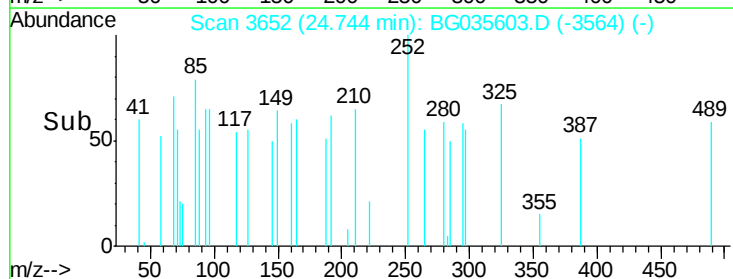
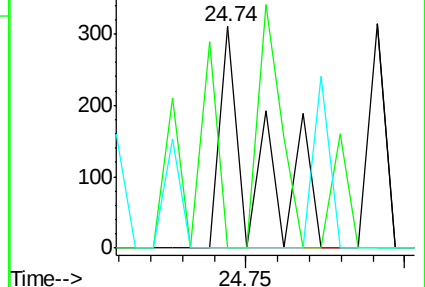
Tgt Ion:	252	Resp:	244
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.3	27.5#
125	0.0	7.3	10.9#

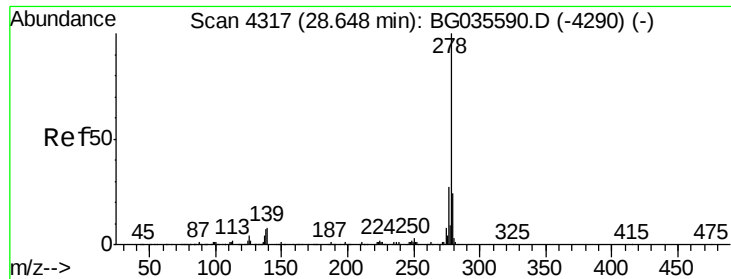


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.36 min Scan# 4268

Delta R.T. -0.29 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

Instrument :

BNA_G

ClientSampleId :

PB110949BL

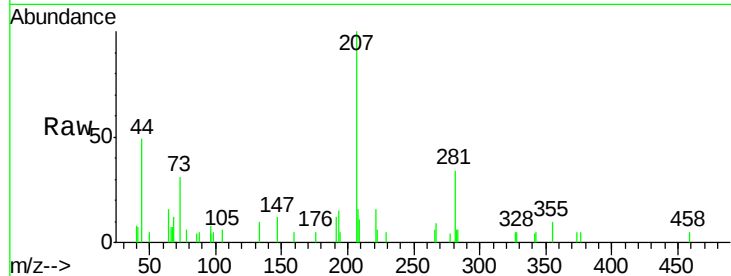
Tgt Ion:278 Resp: 54

Ion Ratio Lower Upper

278 100

139 0.0 9.8 14.6#

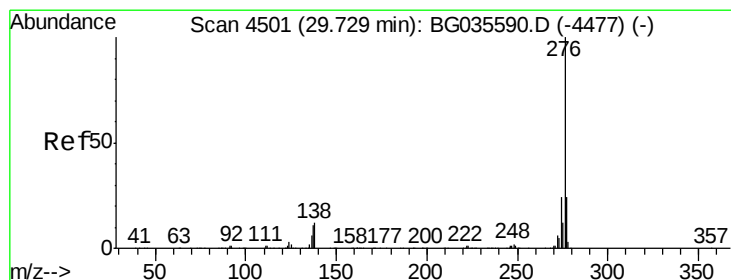
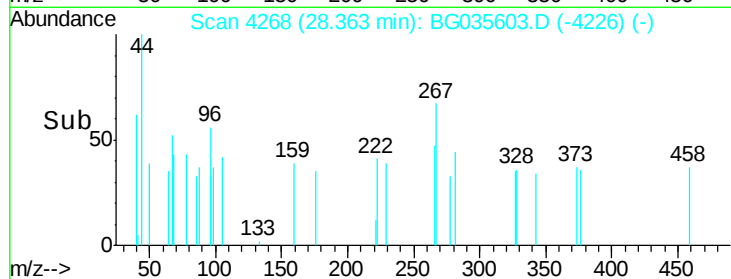
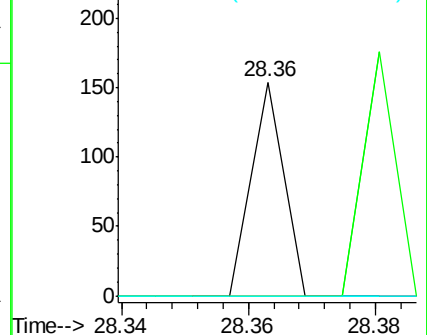
279 0.0 18.4 27.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 29.74 min Scan# 4502

Delta R.T. 0.01 min

Lab File: BG035603.D

Acq: 12 Jul 2018 20:31

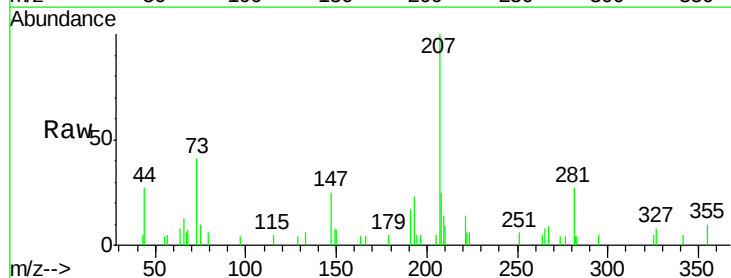
Tgt Ion:276 Resp: 57

Ion Ratio Lower Upper

276 100

277 0.0 18.3 27.5#

138 0.0 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

