

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023283.D
 Acq On : 27 Jul 2016 15:02
 Operator : UM/SJ
 Sample : H4152-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

Quant Time: Jul 28 01:08:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	209563	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	899462	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	561129	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1285023	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1272583	20.00	ng	0.00
86) Perylene-d12	25.30	264	1301888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	982416	80.03	ng	0.00
7) Phenol-d6	7.29	99	993353	52.71	ng	0.00
23) Nitrobenzene-d5	9.31	82	1650854	89.75	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	926975	159.61	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2995974	99.93	ng	0.00
78) Terphenyl-d14	20.18	244	3336276	85.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	569	0.11	ng	# 17
3) Pyridine	3.95	79	36327	1.97	ng	93
4) n-Nitrosodimethylamine	3.85	42	741	0.09	ng	# 1
6) Aniline	7.46	93	62845	2.50	ng	# 90
8) 2-Chlorophenol	7.70	128	124	0.01	ng	# 1
9) Benzaldehyde	7.26	77	1424	0.11	ng	# 1
10) Phenol	7.31	94	5936	0.30	ng	# 40
11) bis(2-Chloroethyl)ether	7.46	93	62845	3.72	ng	# 25
12) 1,3-Dichlorobenzene	8.05	146	148	0.01	ng	# 14
13) 1,4-Dichlorobenzene	8.17	146	182	0.01	ng	# 1
14) 1,2-Dichlorobenzene	8.46	146	1021	0.07	ng	# 1
15) Benzyl Alcohol	8.38	79	1460	0.12	ng	# 19
16) 2,2'-oxybis(1-Chloropropan	8.67	45	716	0.03	ng	# 1
17) 2-Methylphenol	8.58	107	305	0.02	ng	# 65
18) Hexachloroethane	9.25	117	3413	0.52	ng	# 1
19) n-Nitroso-di-n-propylamine	8.82	70	434	0.03	ng	# 38
20) 3+4-Methylphenols	8.92	107	1812	0.10	ng	# 32
22) Acetophenone	8.94	105	6068	0.26	ng	# 66
24) Nitrobenzene	9.36	77	505	0.02	ng	# 50
25) Isophorone	9.91	82	778	0.02	ng	# 69
26) 2-Nitrophenol	10.14	139	315	0.04	ng	87
27) 2,4-Dimethylphenol	10.14	122	564	0.04	ng	# 53
28) bis(2-Chloroethoxy)methane	10.36	93	270	0.01	ng	# 1
29) 2,4-Dichlorophenol	10.63	162	110	0.01	ng	# 1
30) 1,2,4-Trichlorobenzene	10.82	180	173	0.01	ng	# 14
31) Naphthalene	11.03	128	3755	0.09	ng	# 86
32) Benzoic acid	10.28	122	266	8.13	ng	# 31
33) 4-Chloroaniline	11.14	127	30593	1.58	ng	# 79
34) Hexachlorobutadiene	11.36	225	120	0.01	ng	# 18
35) Caprolactam	11.90	113	229	0.04	ng	# 83
36) 4-Chloro-3-methylphenol	12.28	107	984	0.06	ng	# 26
37) 2-Methylnaphthalene	12.85	142	3078	0.10	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	55	0.00	ng	# 1
40) Hexachlorocyclopentadiene	13.16	237	67	0.01	ng	75

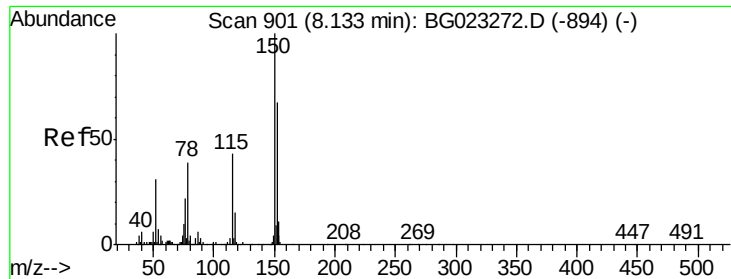
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023283.D
 Acq On : 27 Jul 2016 15:02
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	70	0.01	ng	# 11
43) 2,4,5-Trichlorophenol	13.36	196	99	0.01	ng	# 1
45) 1,1'-Biphenyl	13.63	154	2194	0.06	ng	91
46) 2-Chloronaphthalene	13.68	162	96	0.00	ng	# 54
47) 2-Nitroaniline	13.89	65	1133	0.09	ng	# 34
48) Acenaphthylene	14.53	152	81	0.00	ng	# 1
49) Dimethylphthalate	14.25	163	166691	4.03	ng	96
50) 2,6-Dinitrotoluene	14.38	165	102	0.01	ng	99
51) Acenaphthene	14.88	154	249	0.01	ng	# 51
52) 3-Nitroaniline	14.72	138	231	0.02	ng	# 47
53) 2,4-Dinitrophenol	14.92	184	90	0.02	ng	# 47
54) Dibenzofuran	15.21	168	970	0.02	ng	# 91
55) 4-Nitrophenol	15.09	139	522	0.06	ng	89
56) 2,4-Dinitrotoluene	15.16	165	278	0.02	ng	# 14
57) Fluorene	15.86	166	1116	0.03	ng	# 70
58) 2,3,4,6-Tetrachlorophenol	15.43	232	68	0.01	ng	# 1
59) Diethylphthalate	15.62	149	1931	0.05	ng	# 83
60) 4-Chlorophenyl-phenylether	15.84	204	172	0.01	ng	# 71
61) 4-Nitroaniline	15.88	138	289	0.03	ng	# 58
62) Azobenzene	16.23	77	3008	0.07	ng	81
64) 4,6-Dinitro-2-methylphenol	15.93	198	53	0.01	ng	# 1
65) n-Nitrosodiphenylamine	16.30	169	38382	1.12	ng	# 48
66) 4-Bromophenyl-phenylether	16.74	248	128	0.01	ng	# 1
67) Hexachlorobenzene	16.87	284	54	0.00	ng	# 1
68) Atrazine	17.02	200	220	0.02	ng	# 54
69) Pentachlorophenol	17.23	266	452	0.06	ng	# 18
70) Phenanthrene	17.62	178	1001	0.02	ng	# 62
71) Anthracene	17.71	178	498	0.01	ng	# 1
72) Carbazole	17.97	167	1191	0.02	ng	# 37
73) Di-n-butylphthalate	18.52	149	12396	0.21	ng	# 91
74) Fluoranthene	19.60	202	2294	0.04	ng	# 44
76) Benzidine	19.82	184	1629	0.05	ng	# 50
77) Pyrene	19.99	202	1906	0.03	ng	# 50
79) Butylbenzylphthalate	20.86	149	2007	0.06	ng	# 4
80) Benzo(a)anthracene	21.89	228	6433	0.10	ng	# 57
81) 3,3'-Dichlorobenzidine	21.78	252	5575	0.21	ng	# 58
82) Chrysene	21.94	228	1716	0.03	ng	# 65
83) Bis(2-ethylhexyl)phthalate	21.75	149	13122	0.30	ng	99
84) Di-n-octyl phthalate	23.03	149	4509	0.06	ng	# 44
85) Indeno(1,2,3-cd)pyrene	29.21	276	577	0.01	ng	# 100
87) Benzo(b)fluoranthene	24.22	252	977	0.01	ng	# 1
88) Benzo(k)fluoranthene	24.26	252	462	0.01	ng	# 1
89) Benzo(a)pyrene	25.11	252	656	0.01	ng	# 1
90) Dibenzo(a,h)anthracene	29.25	278	719	0.01	ng	# 49
91) Benzo(g,h,i)perylene	30.41	276	620	0.01	ng	# 53

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

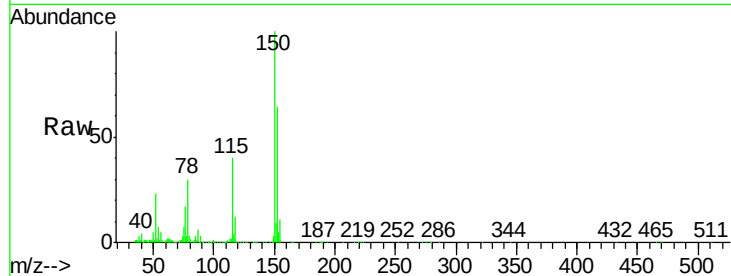
Tgt Ion:152 Resp: 209563

Ion Ratio Lower Upper

152 100

150 156.6 144.7 217.1

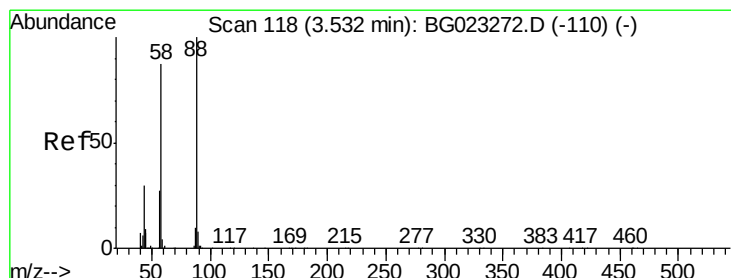
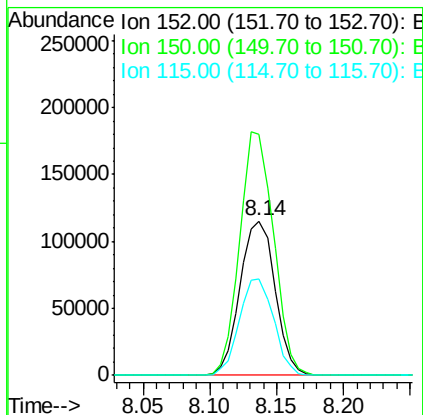
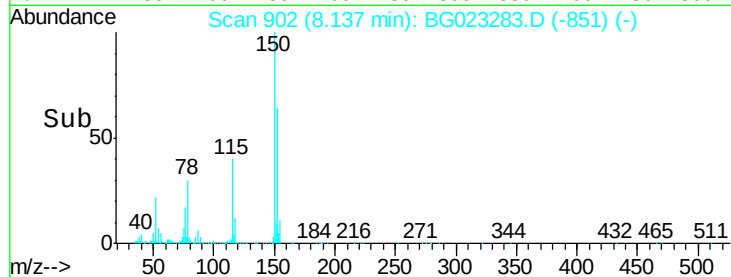
115 62.8 64.0 96.0#



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: 0.11 ng

RT: 3.51 min Scan# 115

Delta R.T. -0.03 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

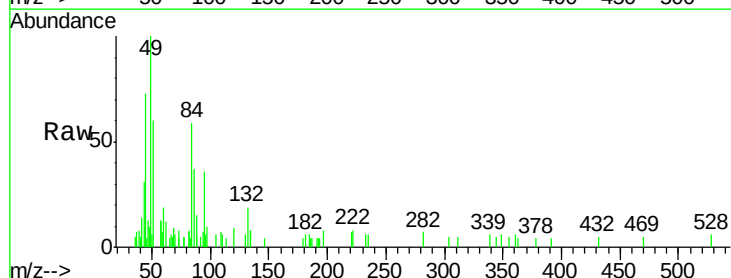
Tgt Ion: 88 Resp: 569

Ion Ratio Lower Upper

88 100

58 155.5 60.4 90.6#

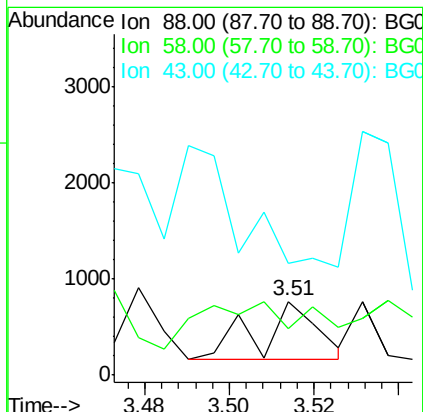
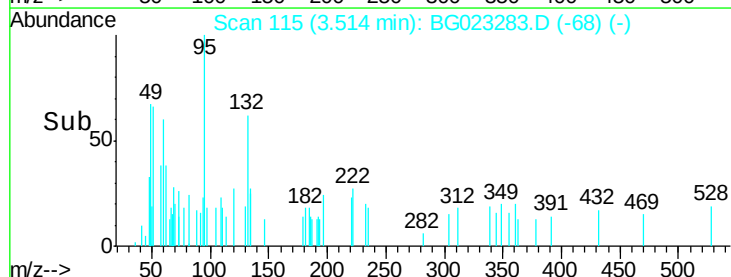
43 0.0 31.1 46.7#

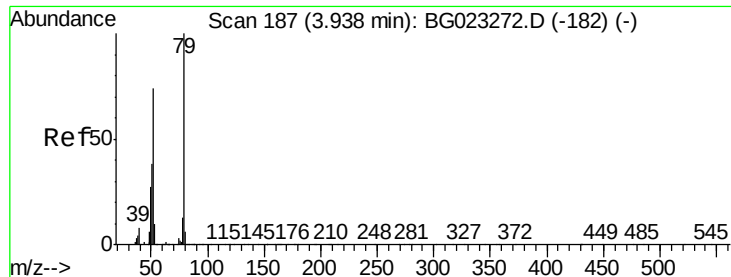


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 1.97 ng

RT: 3.95 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

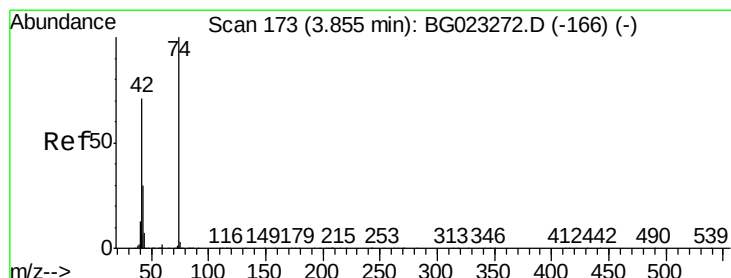
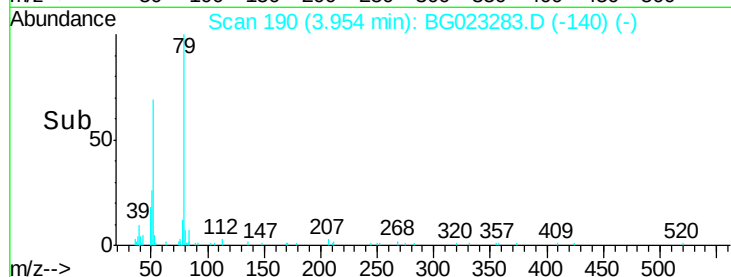
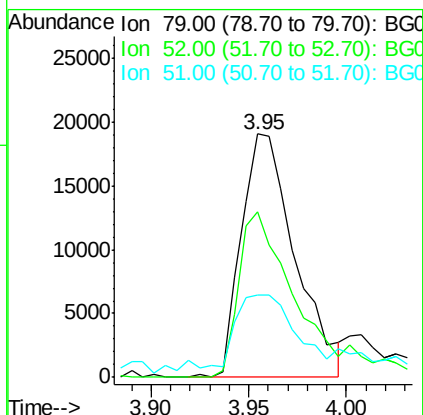
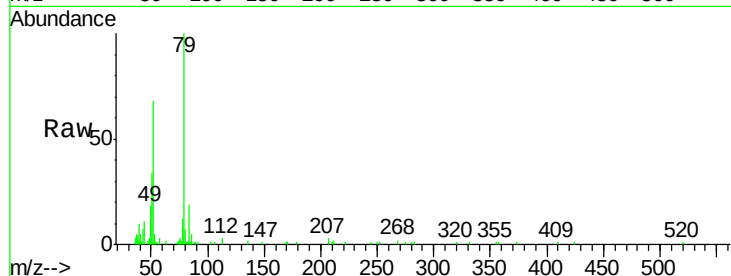
Tgt Ion: 79 Resp: 36327

Ion Ratio Lower Upper

79 100

52 68.0 51.8 77.8

51 33.8 32.7 49.1



#4

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.85 min Scan# 173

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

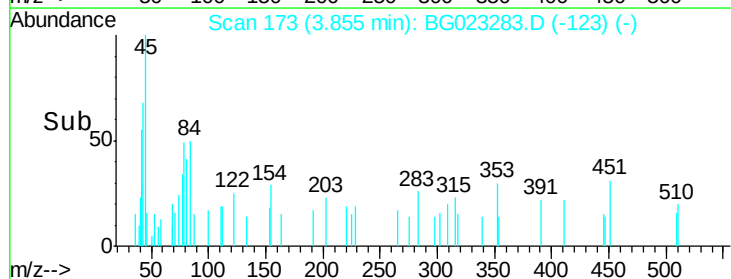
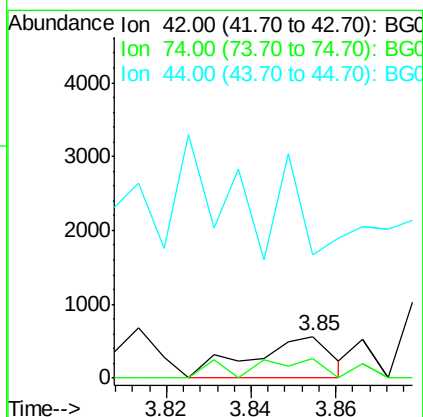
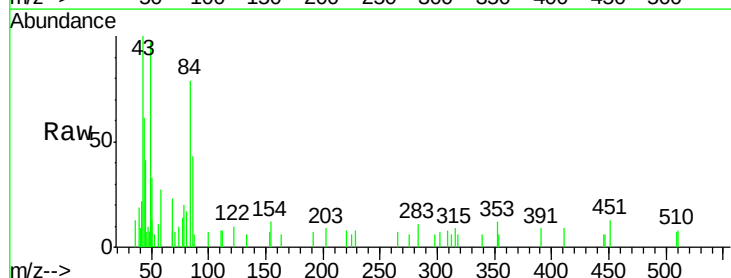
Tgt Ion: 42 Resp: 741

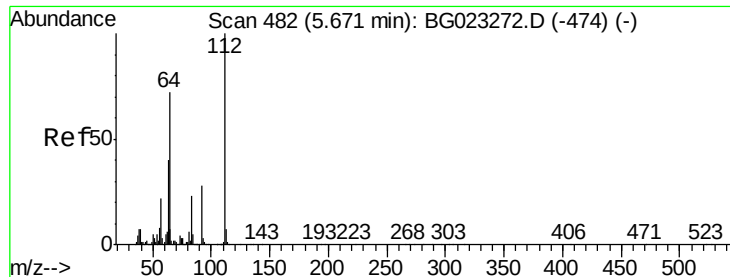
Ion Ratio Lower Upper

42 100

74 47.8 100.6 150.8#

44 295.6 4.5 6.7#





#5

2-Fluorophenol

Concen: 80.03 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

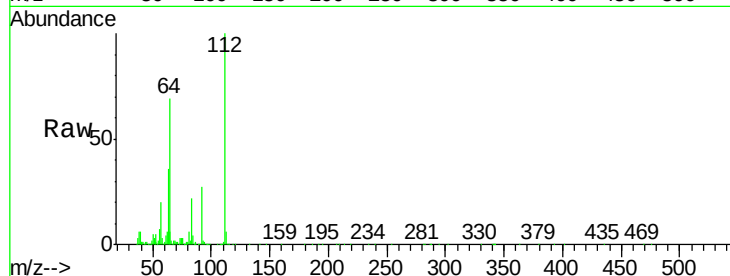
Tgt Ion: 112 Resp: 982416

Ion Ratio Lower Upper

112 100

64 69.0 59.0 88.4

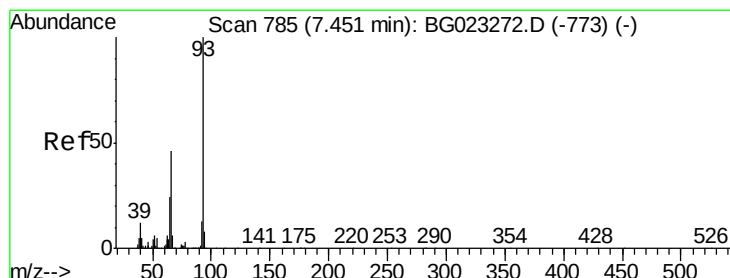
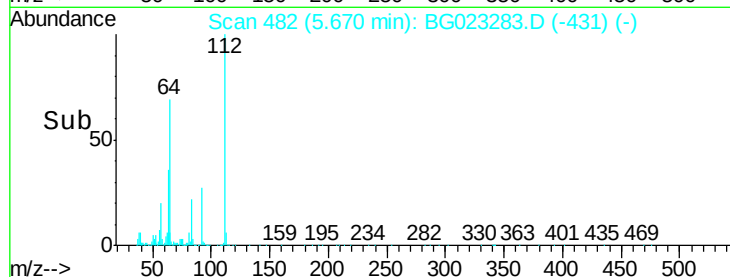
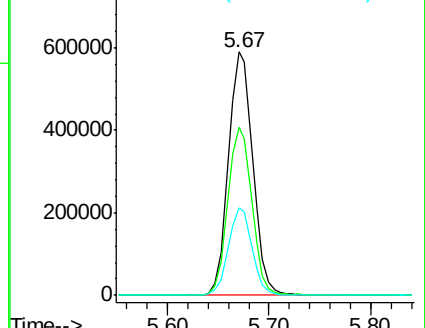
63 36.1 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 2.50 ng

RT: 7.46 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

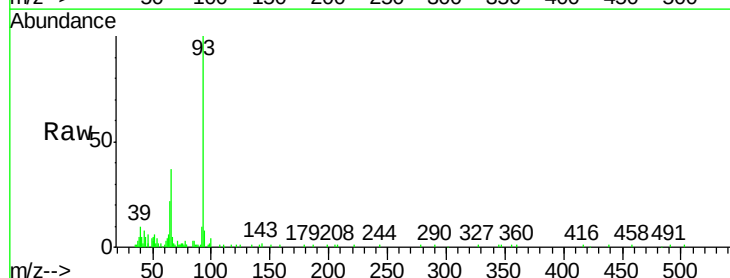
Tgt Ion: 93 Resp: 62845

Ion Ratio Lower Upper

93 100

66 37.2 37.5 56.3#

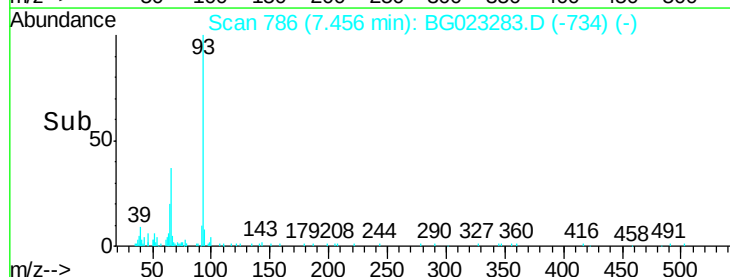
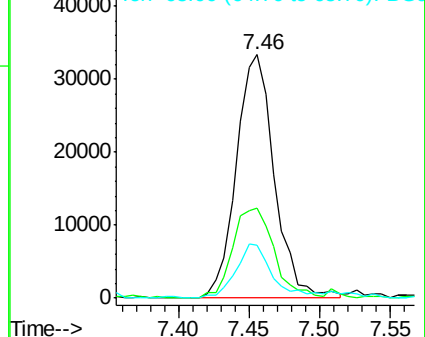
65 21.6 17.9 26.9

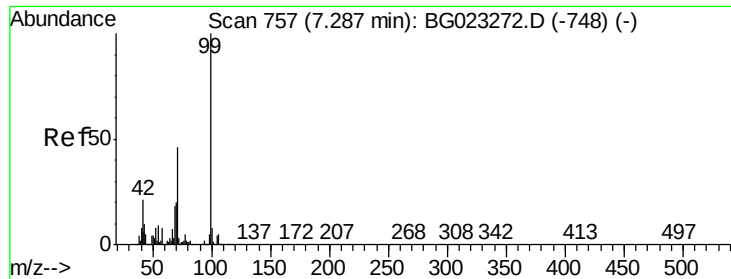


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 52.71 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

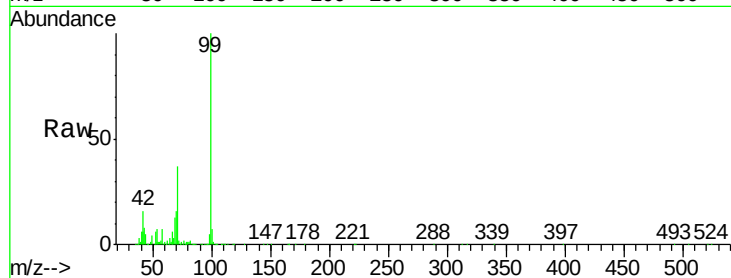
Tgt Ion: 99 Resp: 993353

Ion Ratio Lower Upper

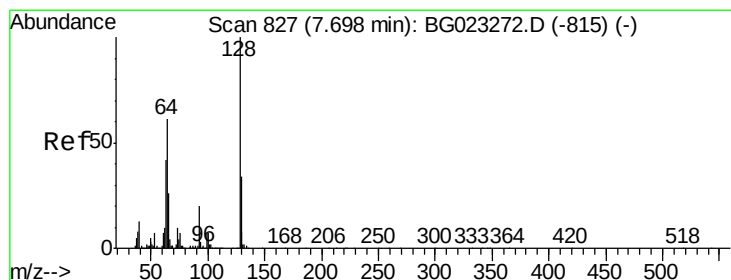
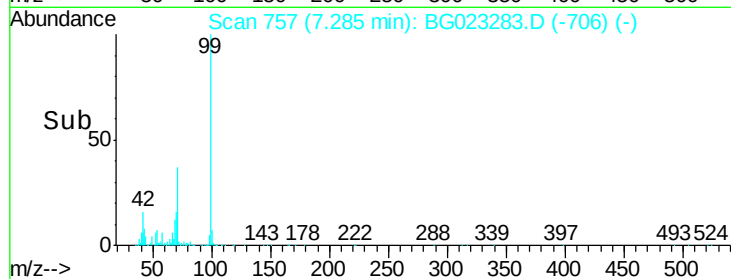
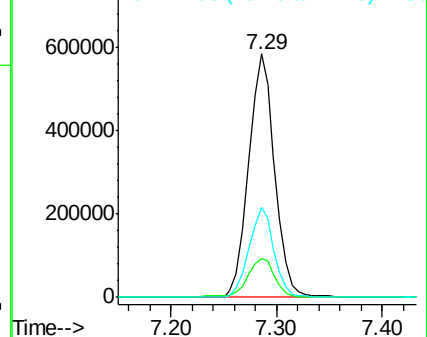
99 100

42 16.0 17.8 26.6#

71 36.8 41.5 62.3#



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



#8

2-Chlorophenol

Concen: 0.01 ng

RT: 7.70 min Scan# 828

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

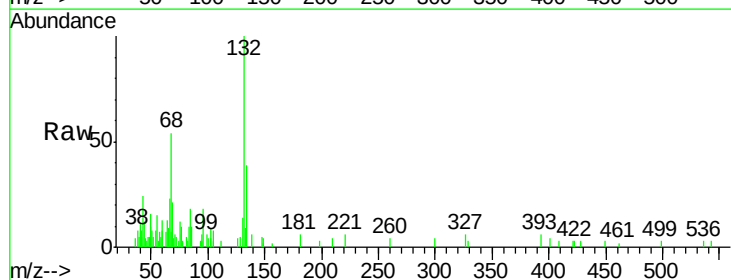
Tgt Ion: 128 Resp: 124

Ion Ratio Lower Upper

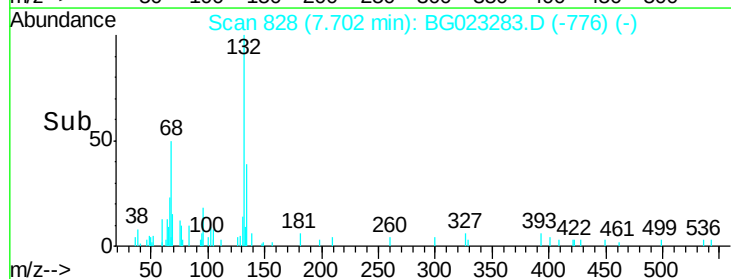
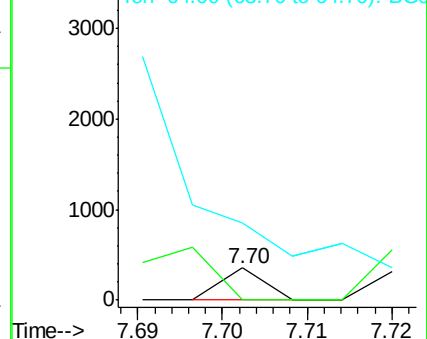
128 100

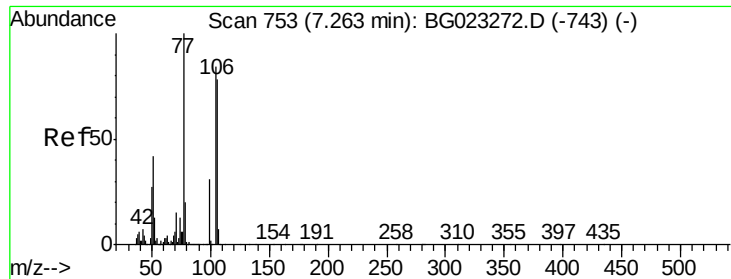
130 0.0 12.9 52.9#

64 242.6 42.0 82.0#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.11 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

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ClientSampleId :

GW-12-5.5-15.0

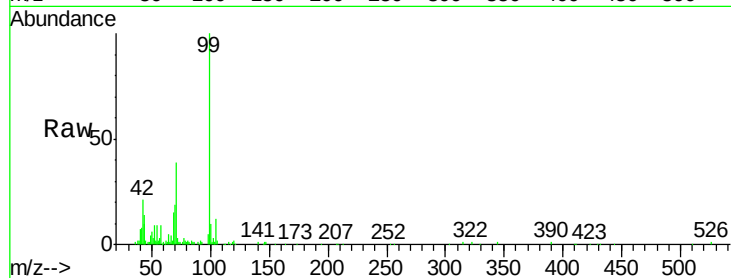
Tgt Ion: 77 Resp: 1424

Ion Ratio Lower Upper

77 100

105 451.3 58.7 98.7#

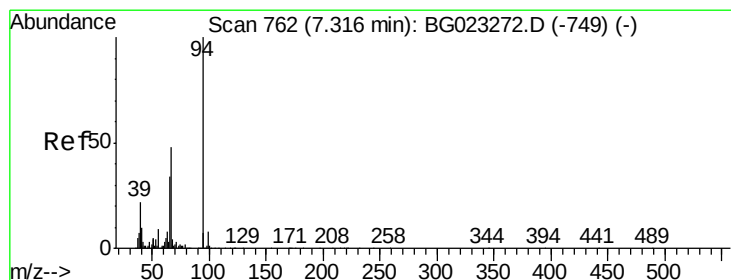
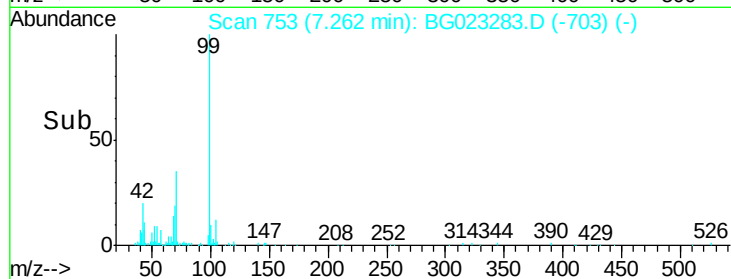
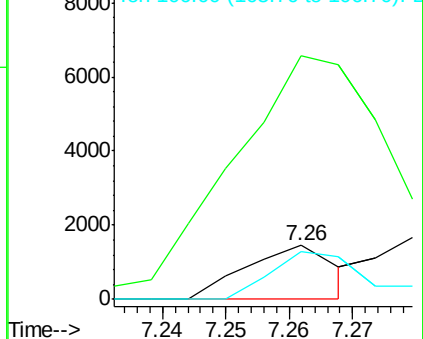
106 89.6 67.5 107.5



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: 0.30 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

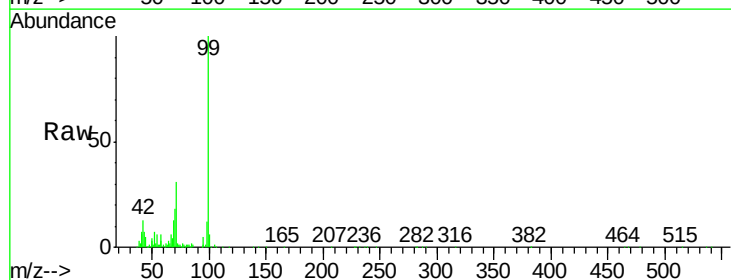
Tgt Ion: 94 Resp: 5936

Ion Ratio Lower Upper

94 100

65 42.8 18.1 58.1

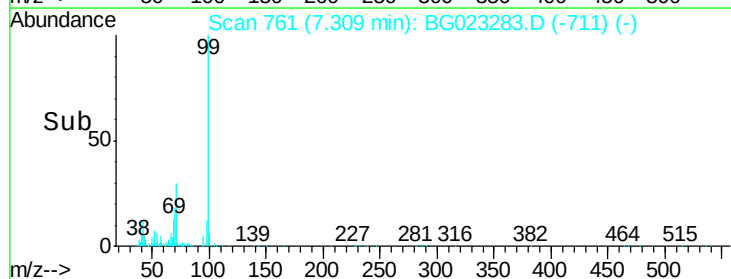
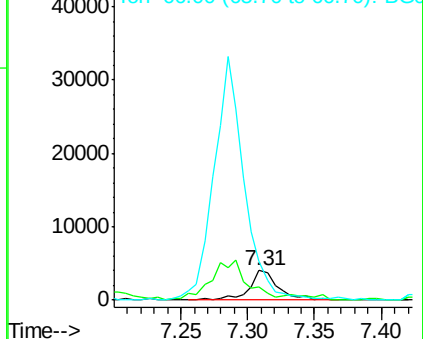
66 132.6 42.1 82.1#

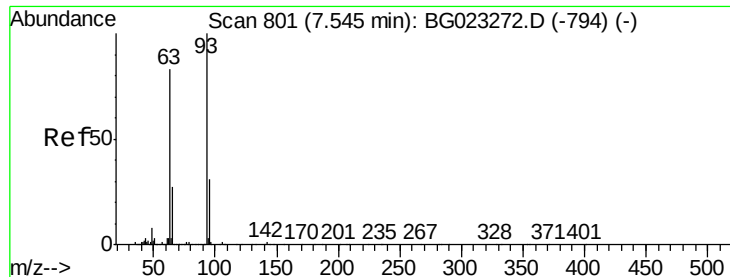


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

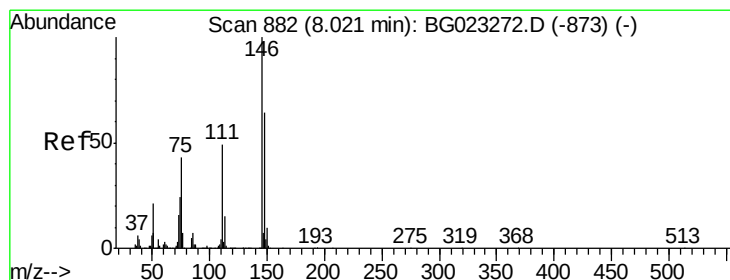
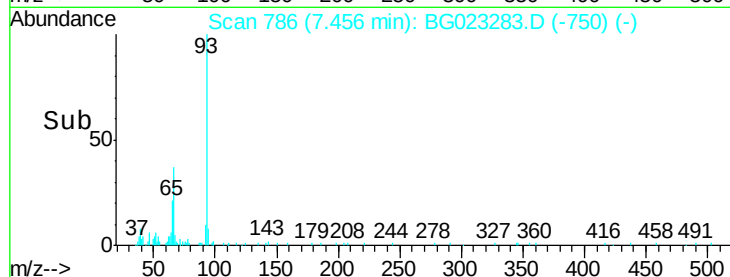
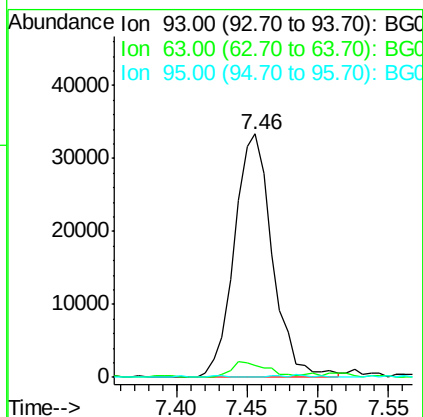
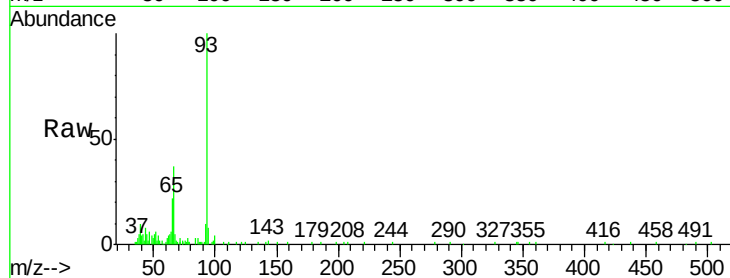




#11
bis(2-Chloroethyl)ether
Concen: 3.72 ng
RT: 7.46 min Scan# 786
Delta R.T. -0.09 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

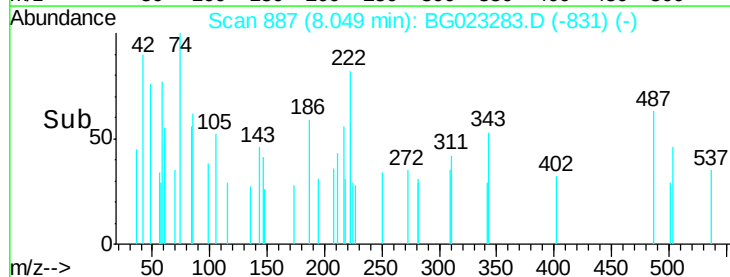
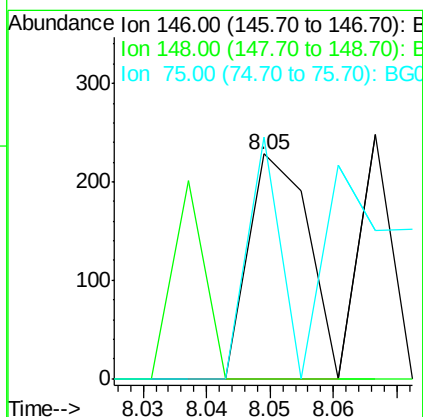
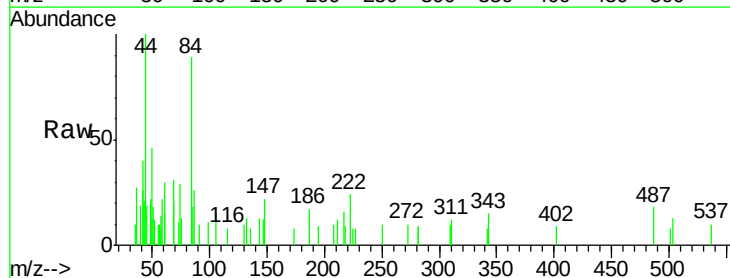
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

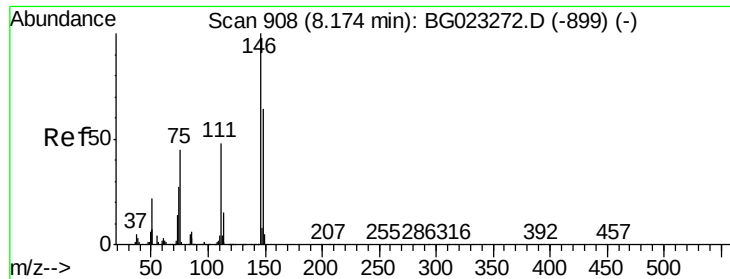
Tgt Ion: 93 Resp: 62845
Ion Ratio Lower Upper
93 100
63 5.2 55.0 95.0#
95 0.0 11.0 51.0#



#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 8.05 min Scan# 887
Delta R.T. 0.03 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion: 146 Resp: 148
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 107.5 37.0 55.6#

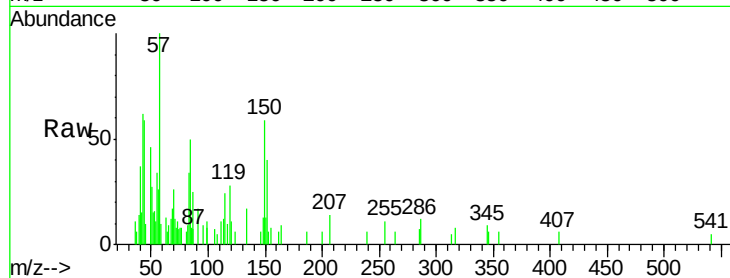




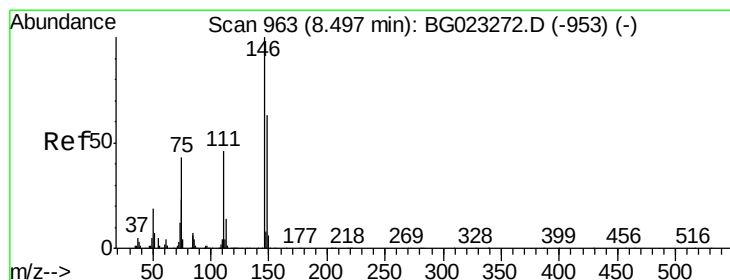
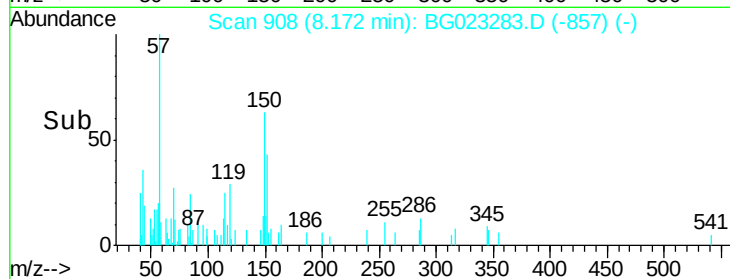
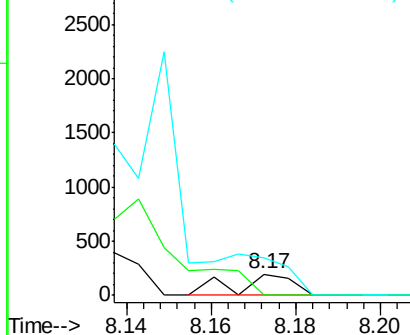
#13
 1,4-Dichlorobenzene
 Concen: 0.01 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

Tgt Ion:146 Resp: 182
 Ion Ratio Lower Upper
 146 100
 148 0.0 54.5 81.7#
 111 174.9 37.8 56.8#

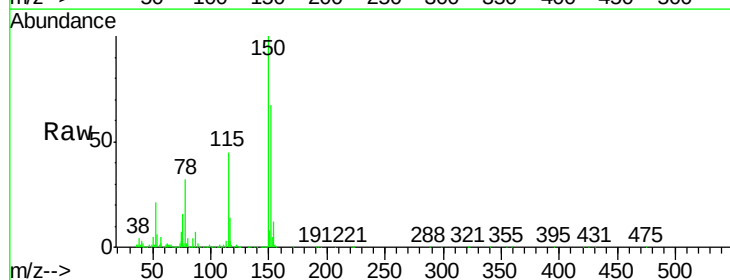


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

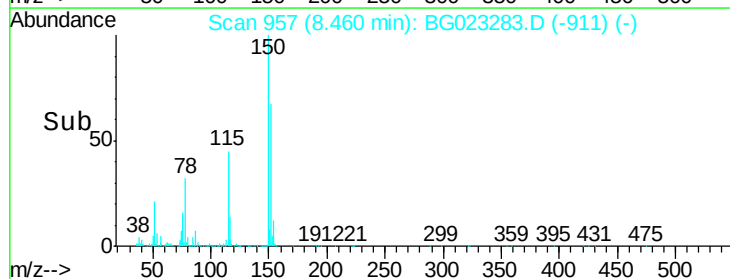
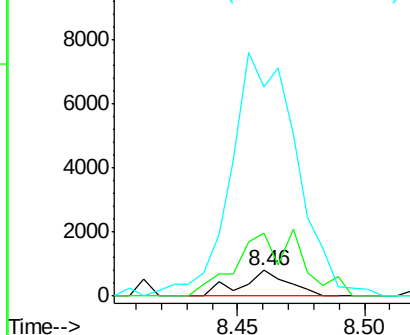


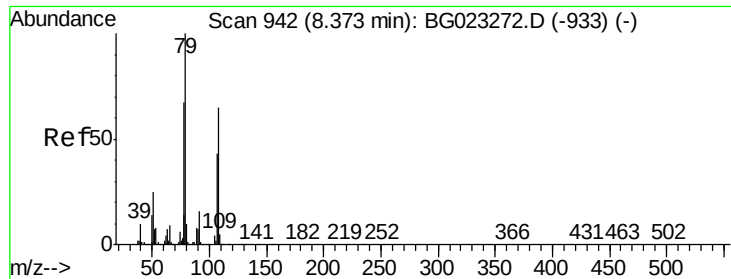
#14
 1,2-Dichlorobenzene
 Concen: 0.07 ng
 RT: 8.46 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion:146 Resp: 1021
 Ion Ratio Lower Upper
 146 100
 148 246.2 52.9 79.3#
 111 810.9 43.5 65.3#



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

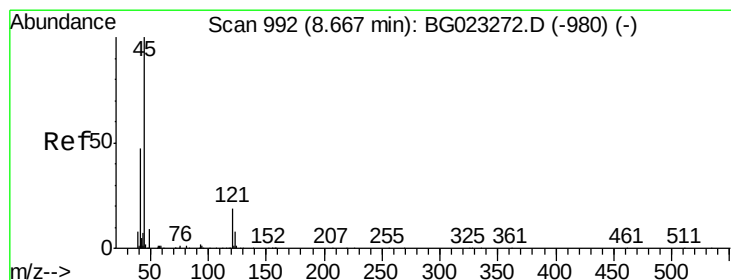
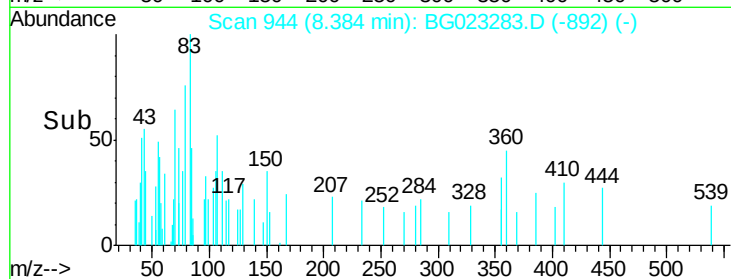
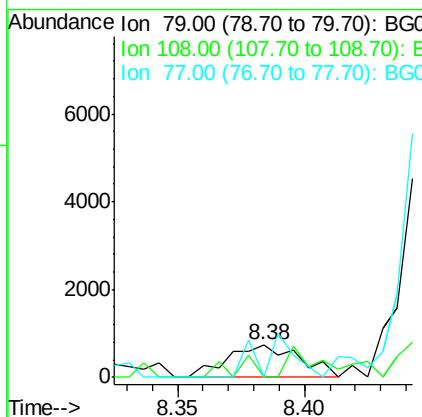
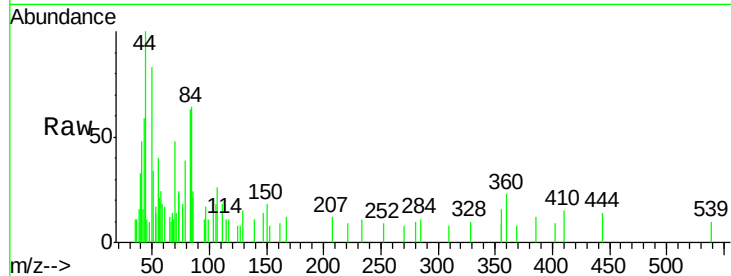




#15
Benzyl Alcohol
Concen: 0.12 ng
RT: 8.38 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

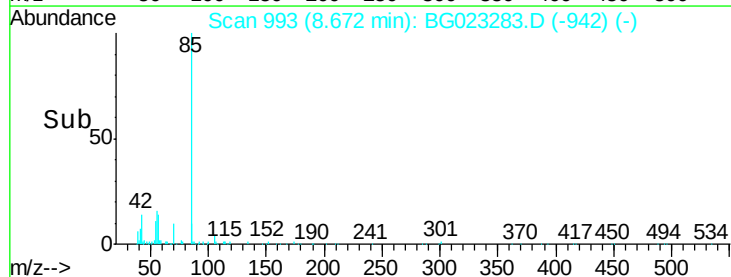
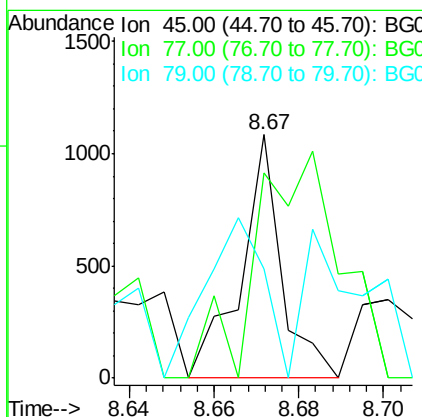
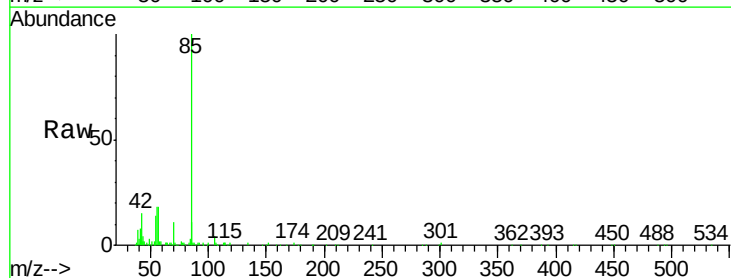
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

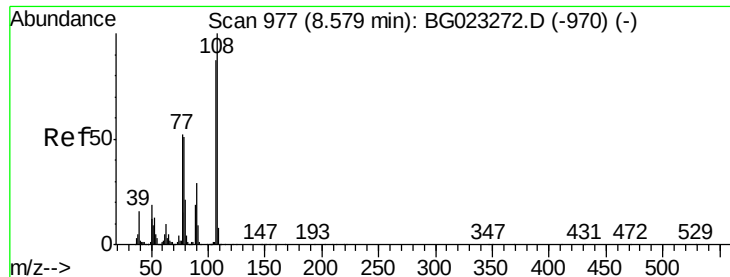
Tgt Ion: 79 Resp: 1460
Ion Ratio Lower Upper
79 100
108 0.0 46.5 69.7#
77 0.0 52.3 78.5#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 8.67 min Scan# 993
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion: 45 Resp: 716
Ion Ratio Lower Upper
45 100
77 84.1 0.6 40.6#
79 44.6 0.0 36.2#

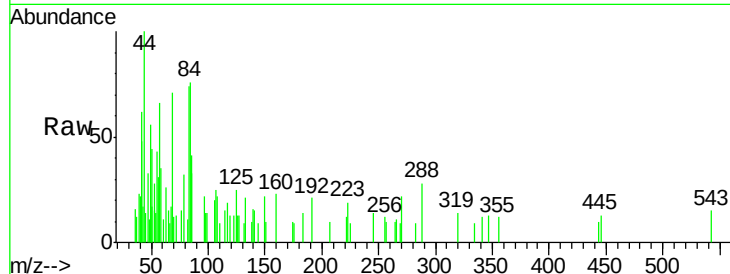




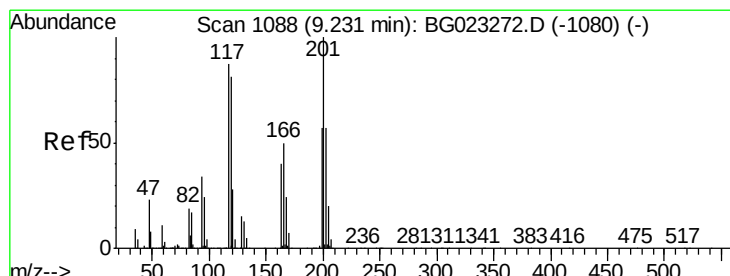
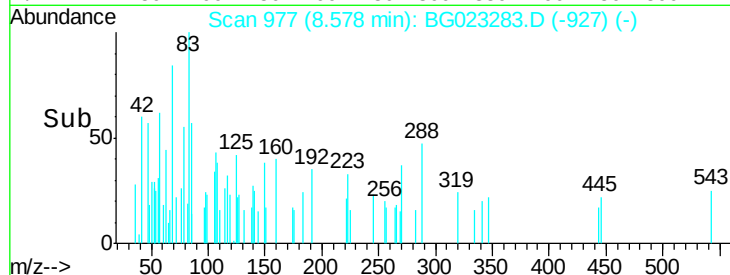
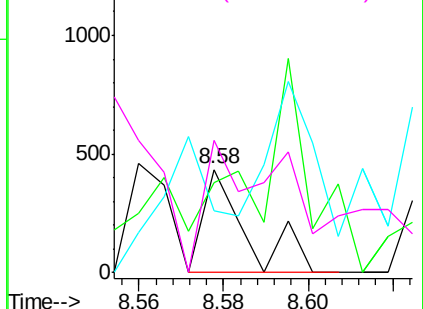
#17
2-Methylphenol
Concen: 0.02 ng
RT: 8.58 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	92.0	138.0#
77	60.0	55.8	83.6
79	127.6	55.0	82.6#

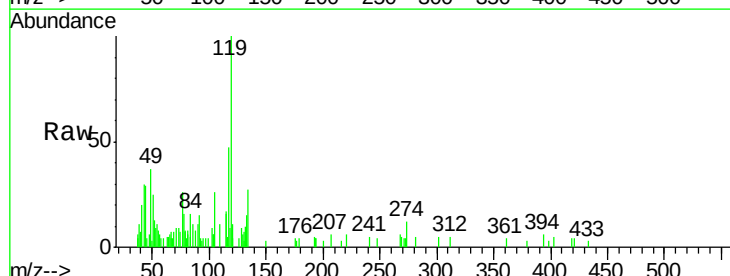


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

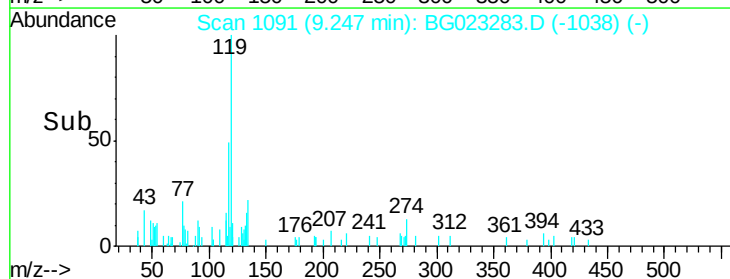
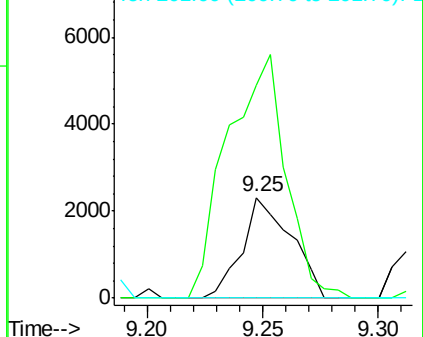


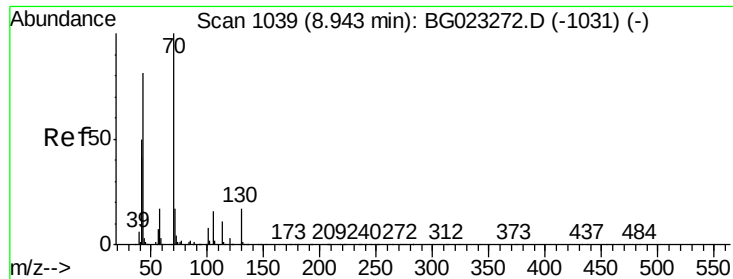
#18
Hexachloroethane
Concen: 0.52 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	212.2	73.7	110.5#
201	0.0	88.7	133.1#



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

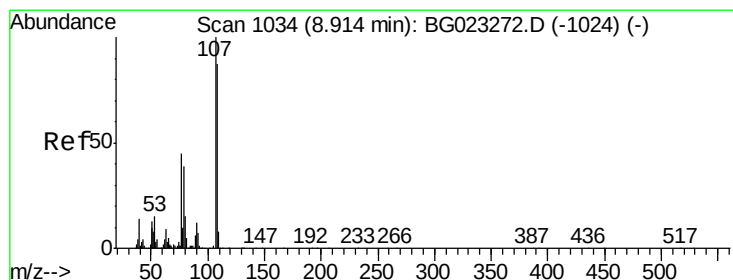
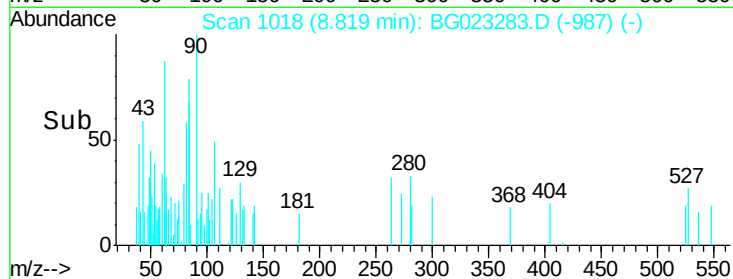
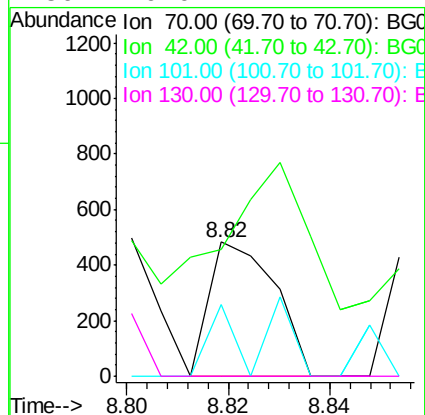
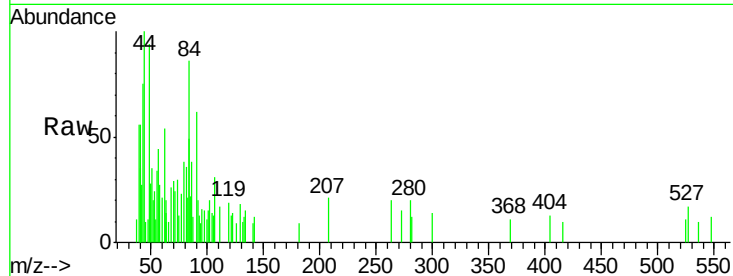




#19
n-Nitroso-di-n-propylamine
Concen: 0.03 ng
RT: 8.82 min Scan# 1018
Delta R.T. -0.12 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

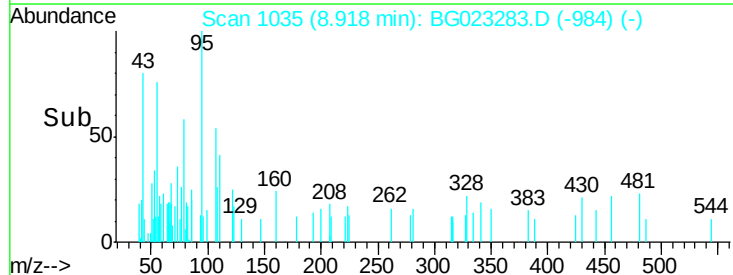
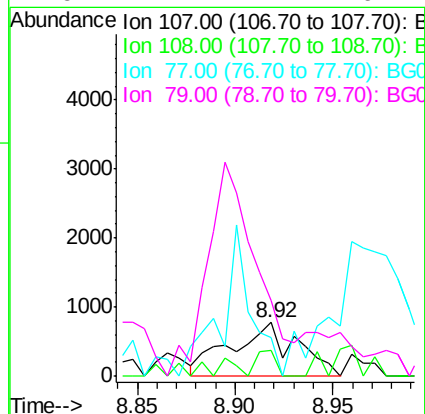
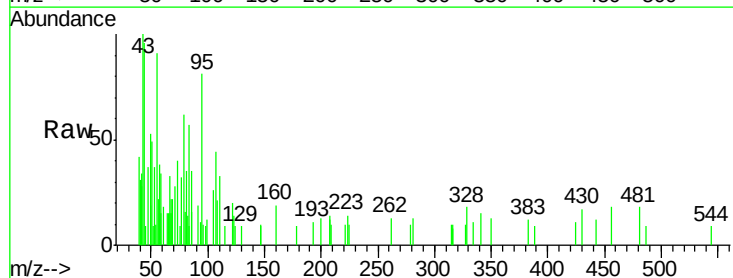
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

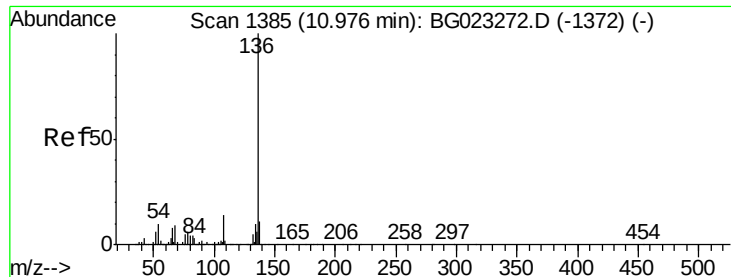
Tgt Ion:	70	Resp:	434
Ion	Ratio	Lower	Upper
70	100		
42	94.8	42.1	63.1#
101	53.1	7.2	10.8#
130	0.0	14.2	21.2#



#20
3+4-Methylphenols
Concen: 0.10 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:	107	Resp:	1812
Ion	Ratio	Lower	Upper
107	100		
108	47.4	72.5	112.5#
77	72.5	30.1	70.1#
79	141.7	24.2	64.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

Tgt Ion:136 Resp: 899462

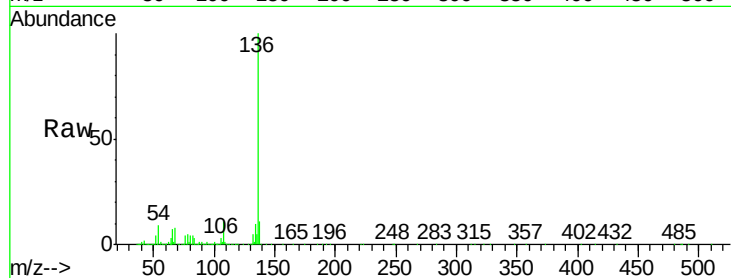
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.1 7.3 10.9

68 8.3 5.3 7.9#

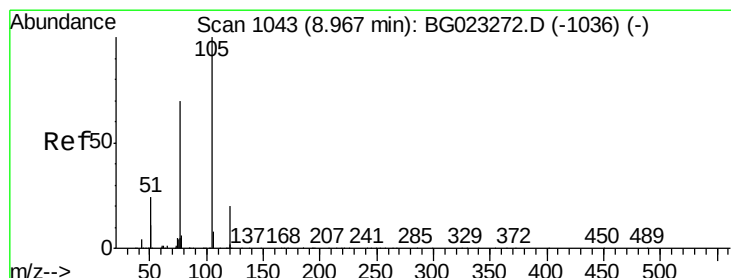
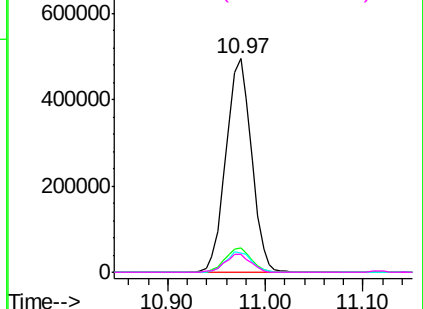
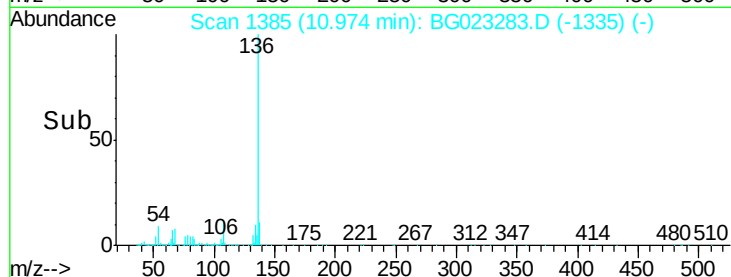


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 0.26 ng

RT: 8.94 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Tgt Ion:105 Resp: 6068

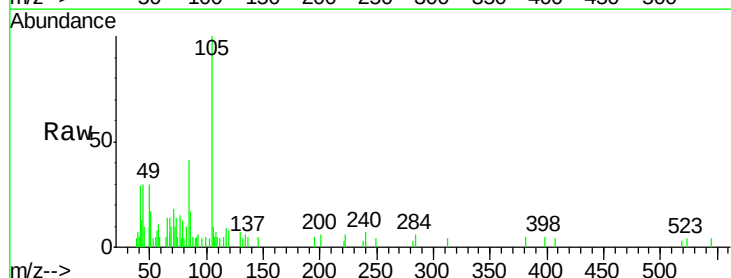
Ion Ratio Lower Upper

105 100

71 18.1 2.6 3.8#

51 17.5 27.1 40.7#

120 0.0 15.1 22.7#

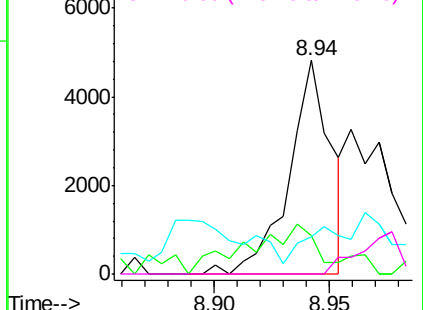
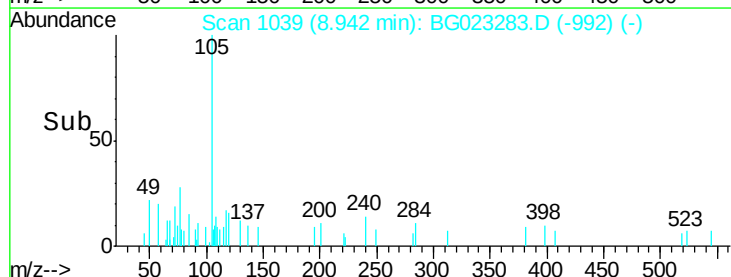


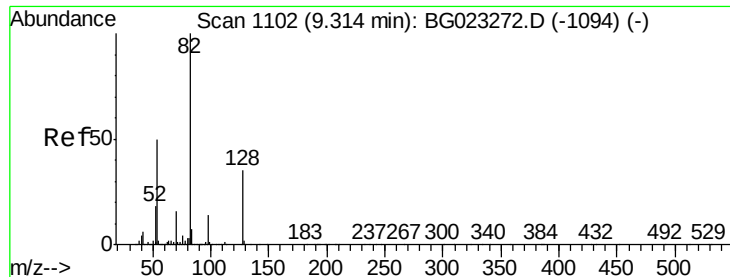
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

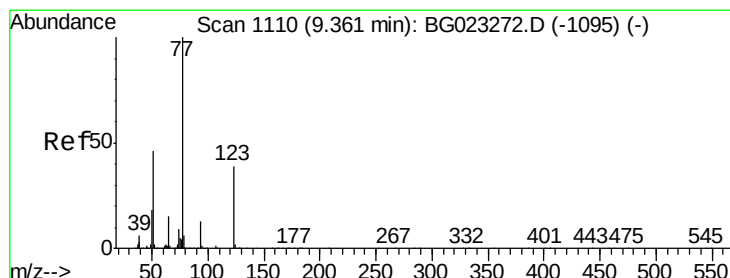
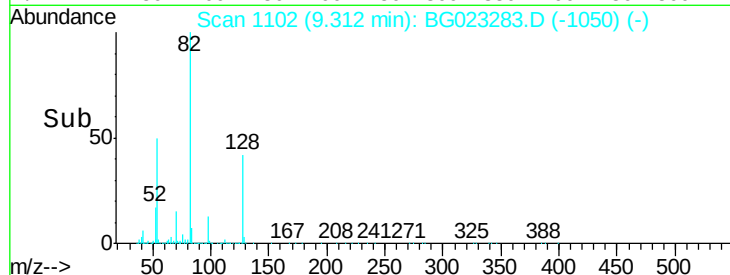
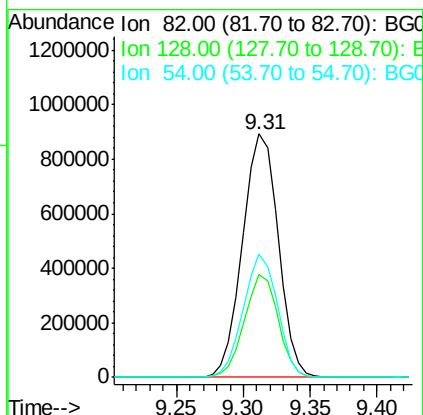
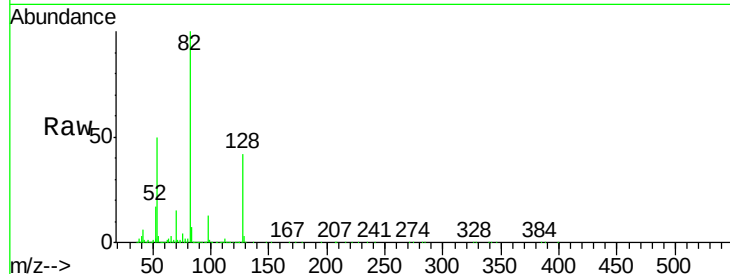




#23
 Nitrobenzene-d5
 Concen: 89.75 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

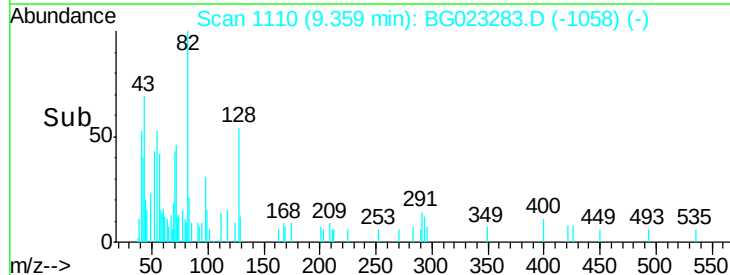
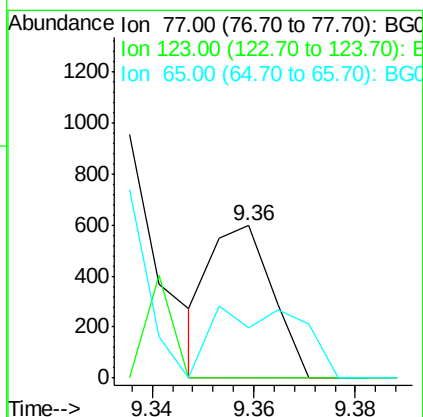
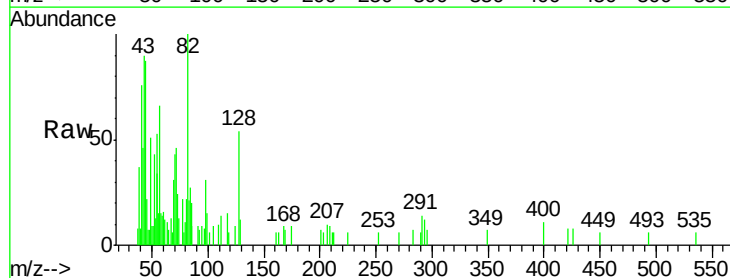
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

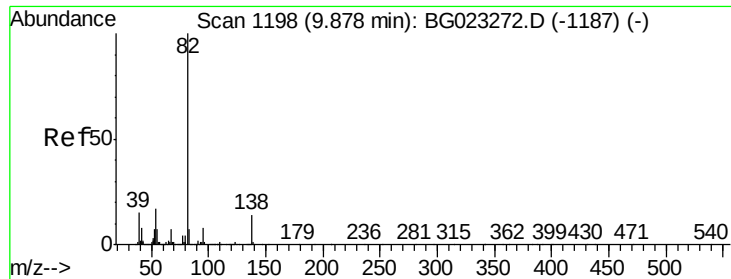
Tgt Ion: 82 Resp: 1650854
 Ion Ratio Lower Upper
 82 100
 128 42.2 24.4 36.6#
 54 50.4 41.4 62.0



#24
 Nitrobenzene
 Concen: 0.02 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion: 77 Resp: 505
 Ion Ratio Lower Upper
 77 100
 123 0.0 25.0 37.6#
 65 32.8 13.4 20.0#





#25

Isophorone

Concen: 0.02 ng

RT: 9.91 min Scan# 1203

Delta R.T. 0.03 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

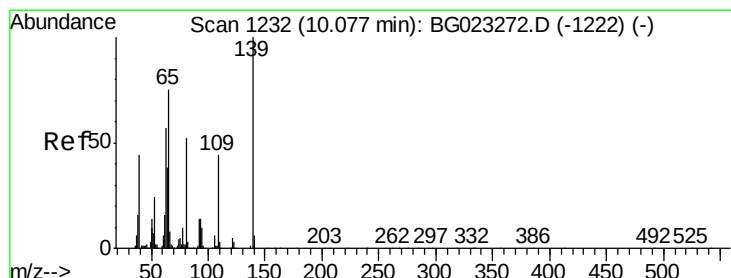
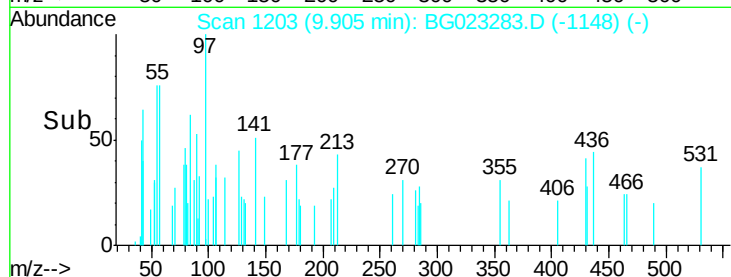
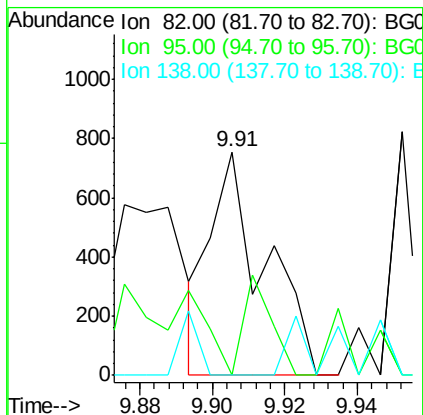
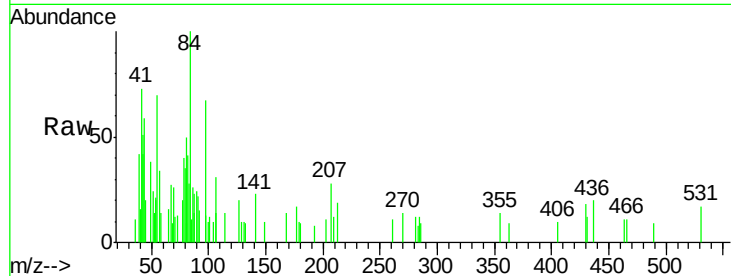
Tgt Ion: 82 Resp: 778

Ion Ratio Lower Upper

82 100

95 0.0 8.2 12.2#

138 0.0 10.7 16.1#



#26

2-Nitrophenol

Concen: 0.04 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.06 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

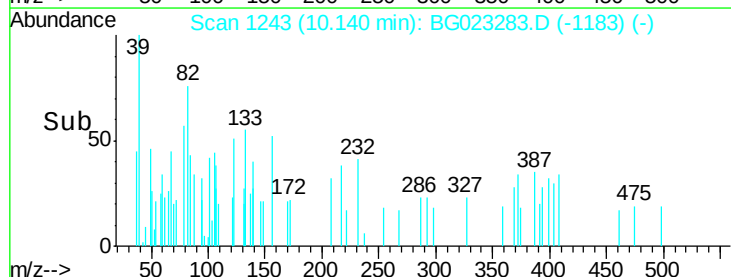
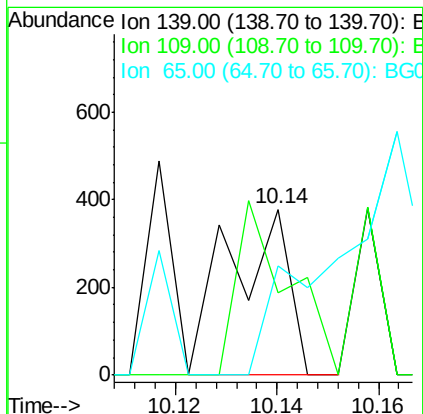
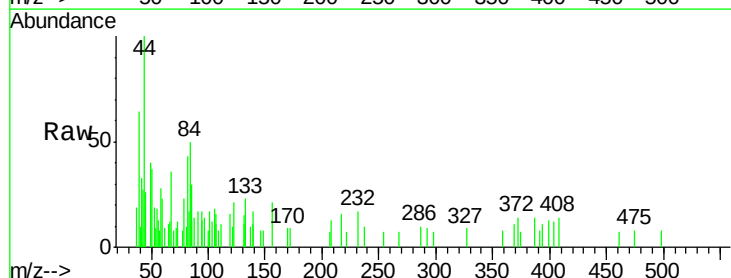
Tgt Ion: 139 Resp: 315

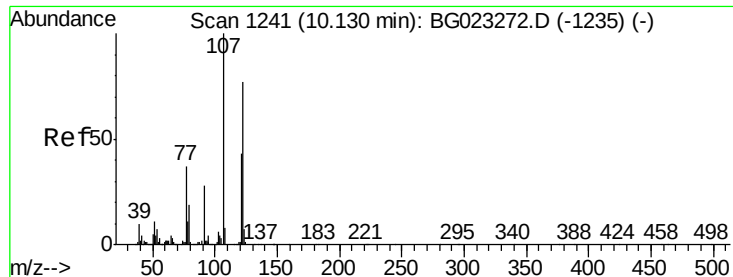
Ion Ratio Lower Upper

139 100

109 49.5 43.5 65.3

65 65.6 64.3 96.5

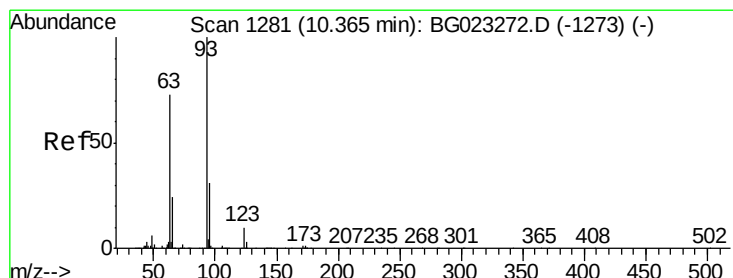
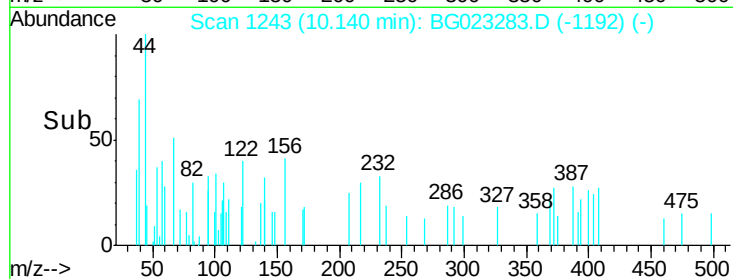
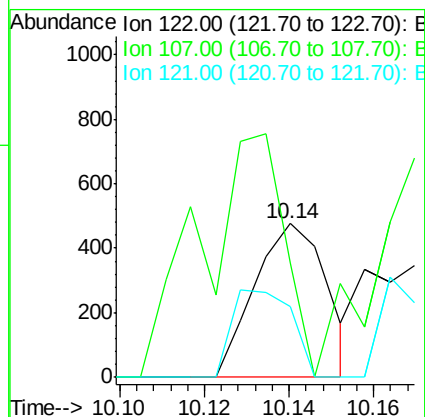
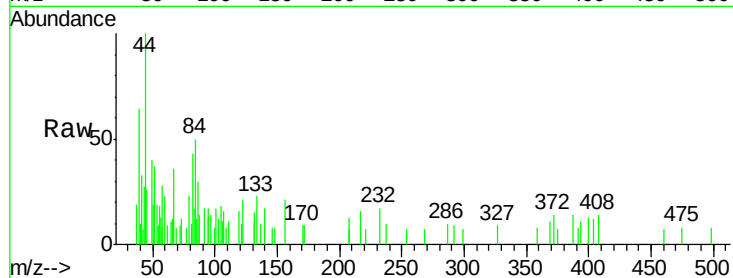




#27
 2,4-Dimethylphenol
 Concen: 0.04 ng
 RT: 10.14 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

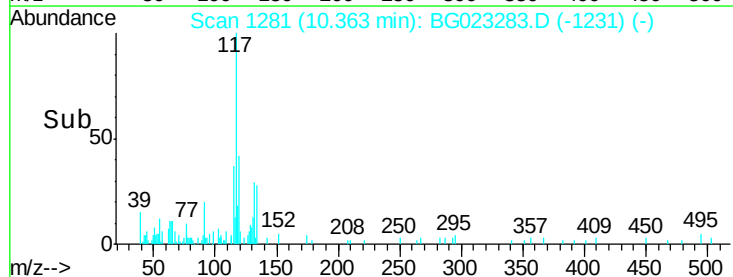
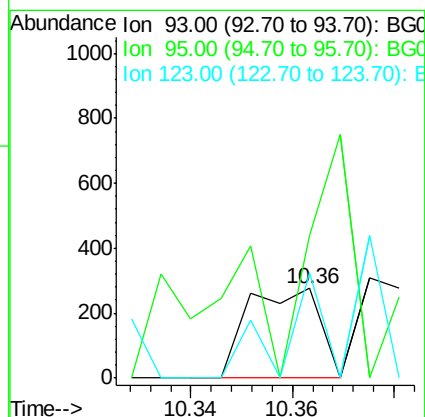
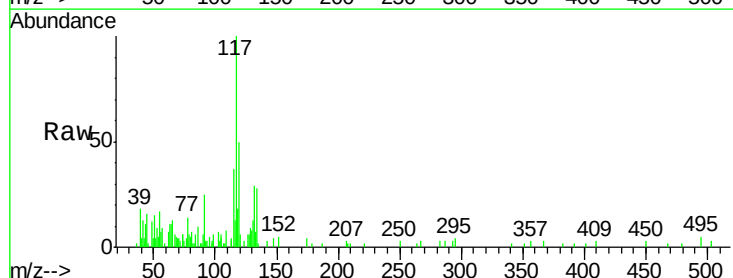
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

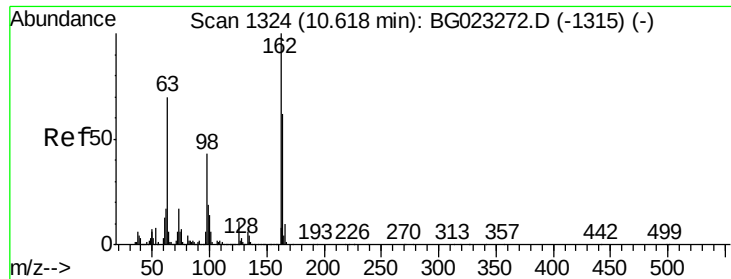
Tgt Ion: 122 Resp: 564
 Ion Ratio Lower Upper
 122 100
 107 74.6 117.0 175.4#
 121 45.7 50.1 75.1#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.01 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion: 93 Resp: 270
 Ion Ratio Lower Upper
 93 100
 95 159.4 25.4 38.2#
 123 118.1 8.2 12.2#

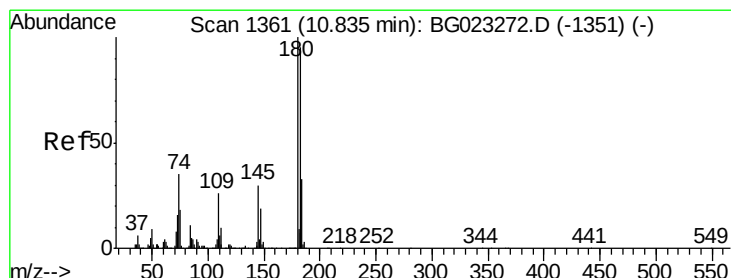
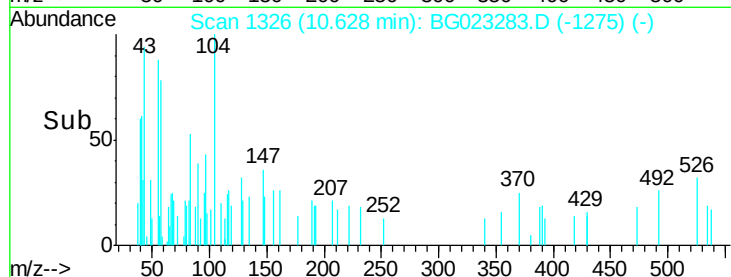
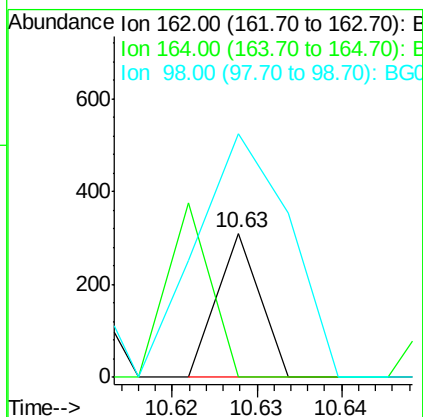
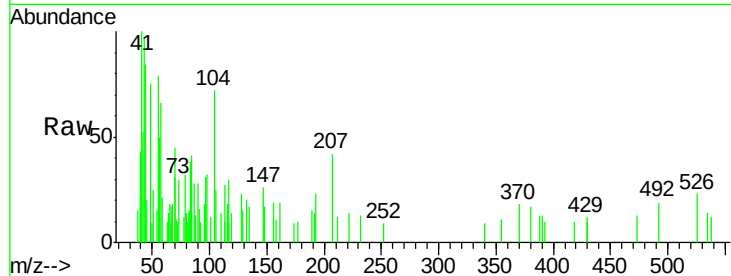




#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.63 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

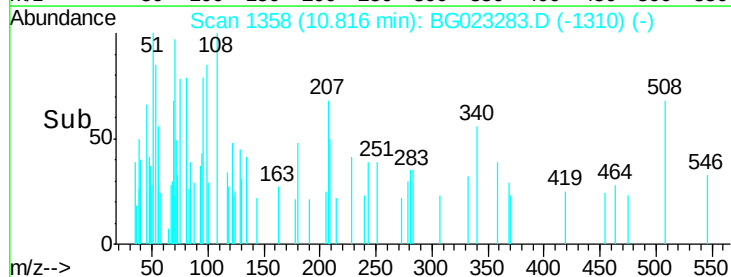
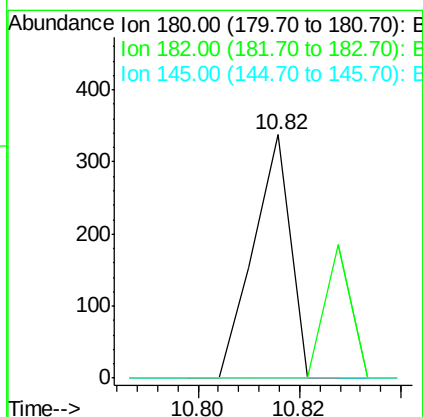
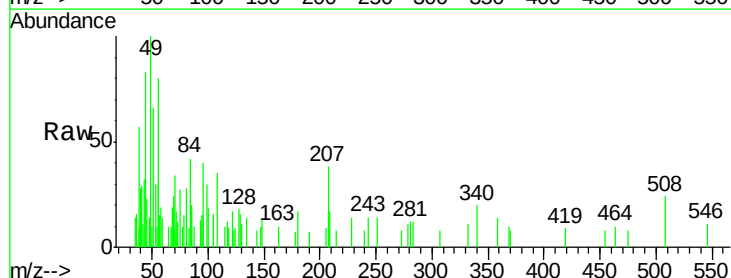
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

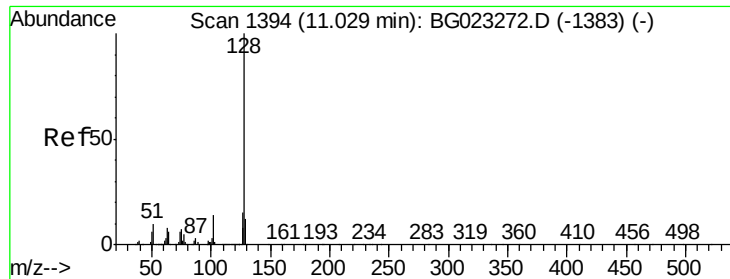
Tgt Ion:162 Resp: 110
Ion Ratio Lower Upper
162 100
164 0.0 44.3 84.3#
98 168.8 19.5 59.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.01 ng
RT: 10.82 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:180 Resp: 173
Ion Ratio Lower Upper
180 100
182 0.0 73.8 110.8#
145 0.0 24.4 36.6#

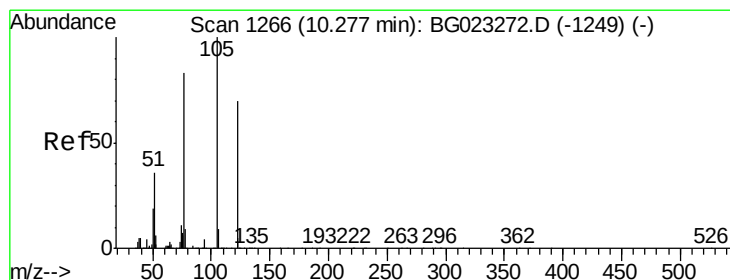
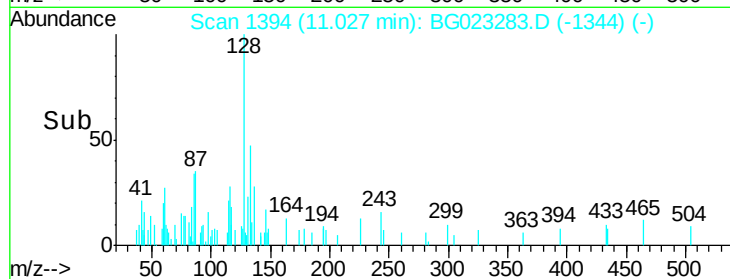
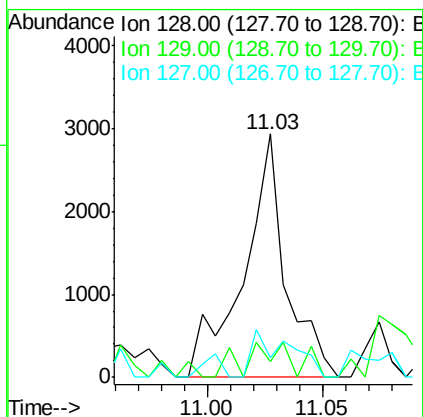
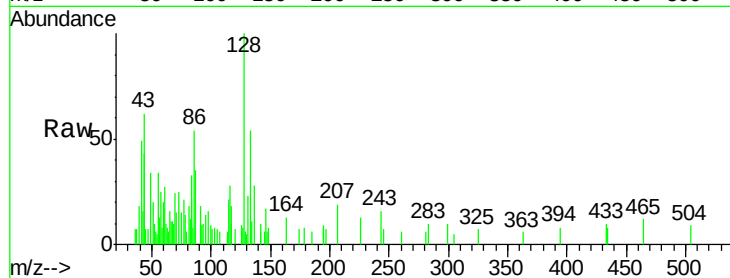




#31
Naphthalene
Concen: 0.09 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

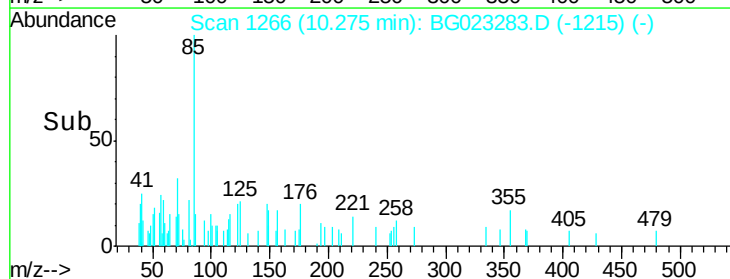
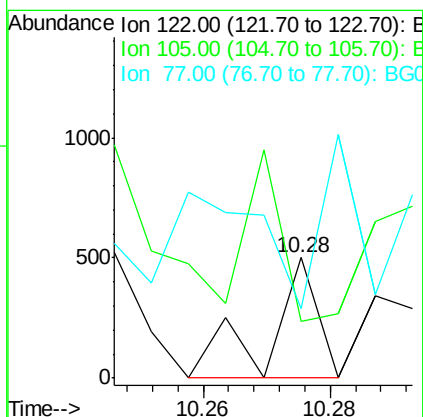
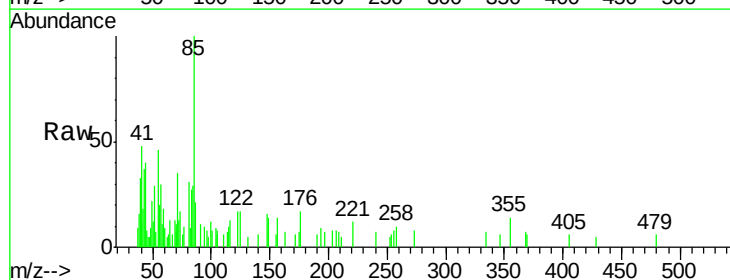
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

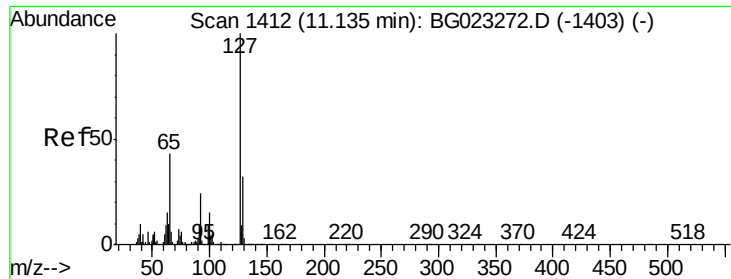
Tgt Ion:128 Resp: 3755
Ion Ratio Lower Upper
128 100
129 6.3 9.4 14.0#
127 8.0 11.3 16.9#



#32
Benzoic acid
Concen: 8.13 ng
RT: 10.28 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:122 Resp: 266
Ion Ratio Lower Upper
122 100
105 47.2 117.2 157.2#
77 57.4 109.2 149.2#

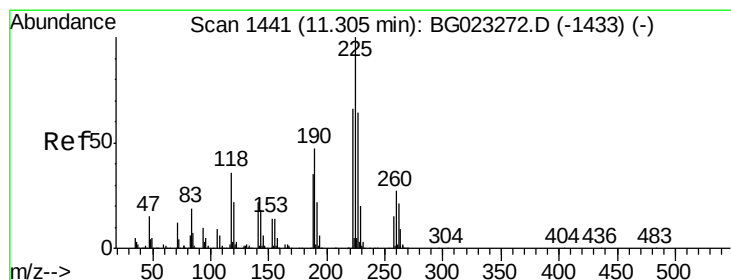
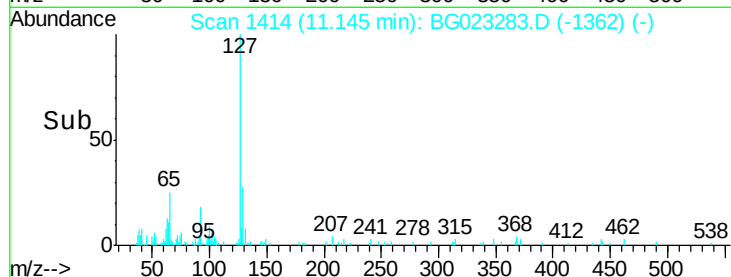
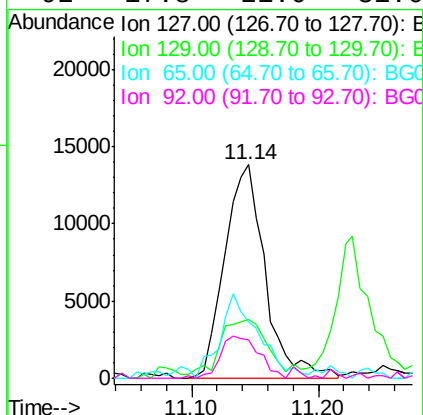
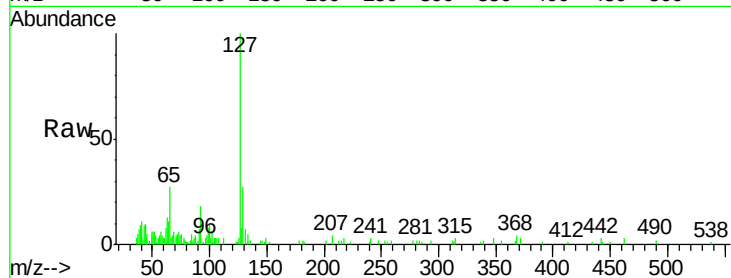




#33
4-Chloroaniline
Concen: 1.58 ng
RT: 11.14 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

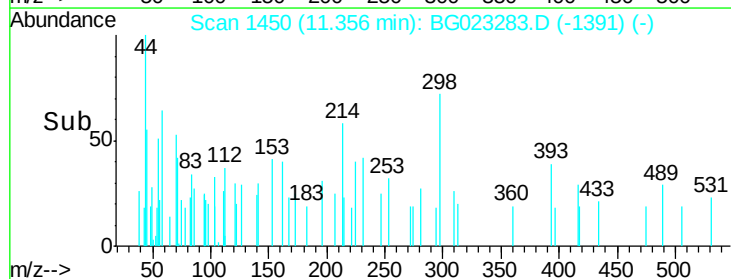
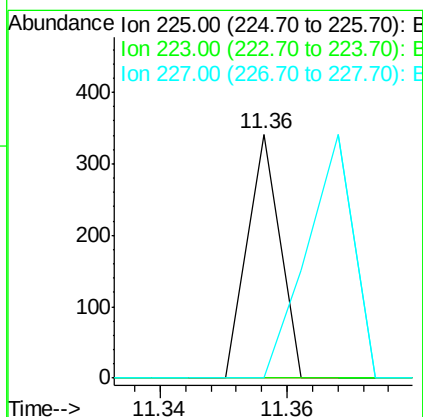
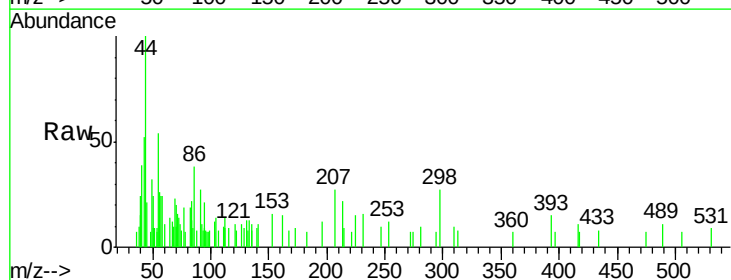
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

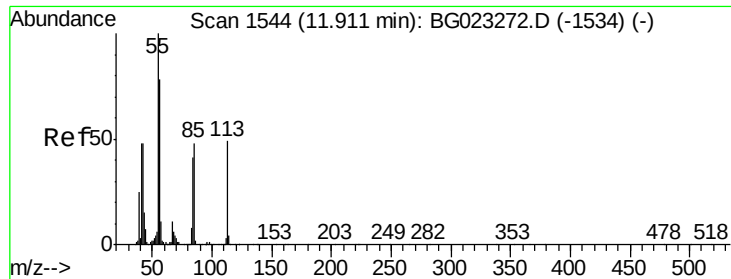
Tgt Ion:	127	Resp:	30593
Ion	Ratio	Lower	Upper
127	100		
129	27.4	27.9	41.9#
65	26.7	36.8	55.2#
92	17.8	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 0.01 ng
RT: 11.36 min Scan# 1450
Delta R.T. 0.05 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:	225	Resp:	120
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.6	74.4#
227	0.0	54.5	81.7#





#35

Caprolactam

Concen: 0.04 ng

RT: 11.90 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

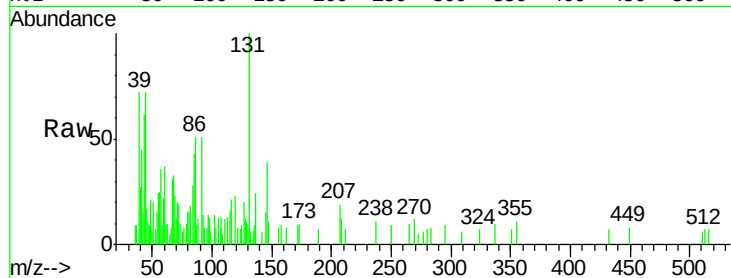
Tgt Ion:113 Resp: 229

Ion Ratio Lower Upper

113 100

55 179.0 154.5 194.5

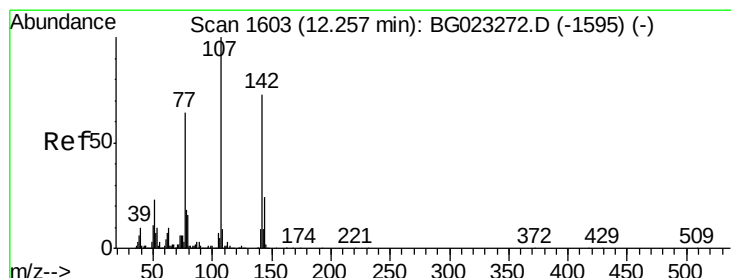
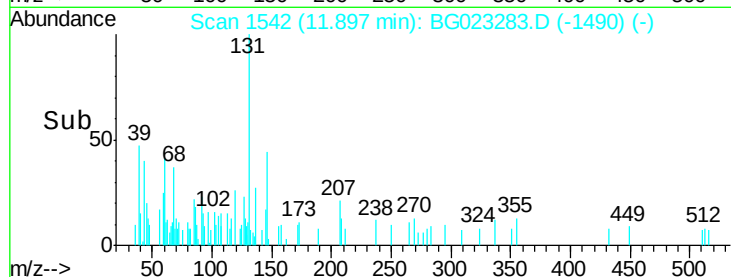
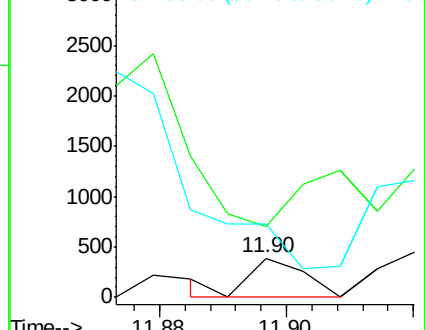
56 188.2 125.1 165.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG023272.D (-1534) (-)

Ion 56.00 (55.70 to 56.70): BG023272.D (-1534) (-)



#36

4-Chloro-3-methylphenol

Concen: 0.06 ng

RT: 12.28 min Scan# 1607

Delta R.T. 0.02 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

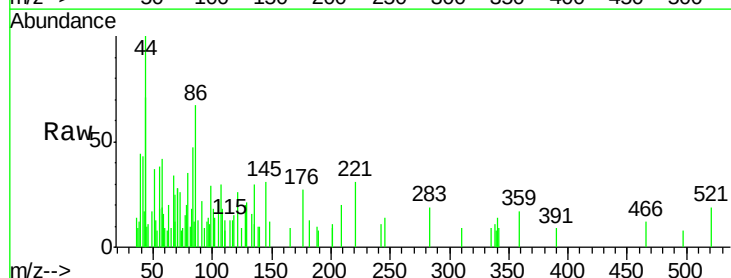
Tgt Ion:107 Resp: 984

Ion Ratio Lower Upper

107 100

144 0.0 17.0 25.6#

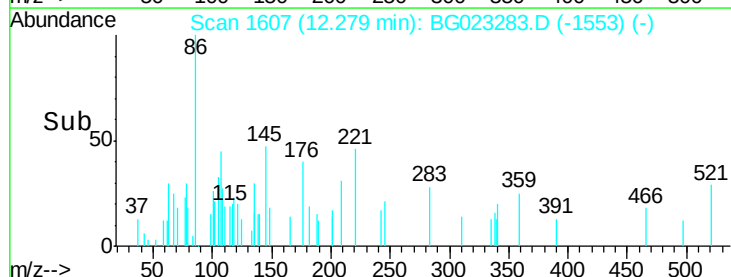
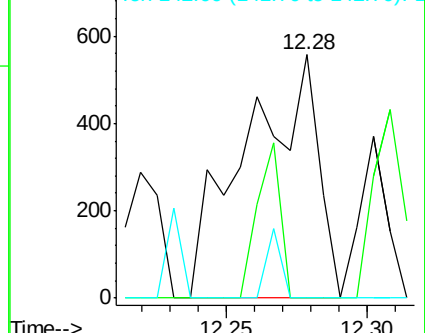
142 0.0 53.0 79.6#

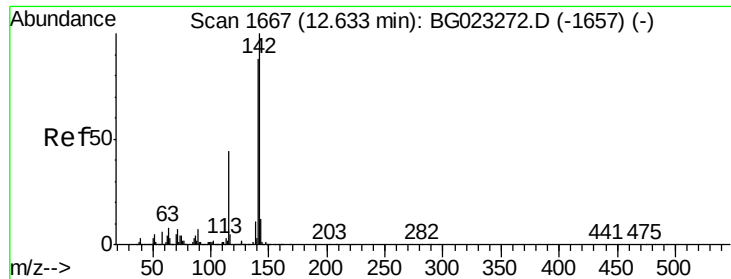


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

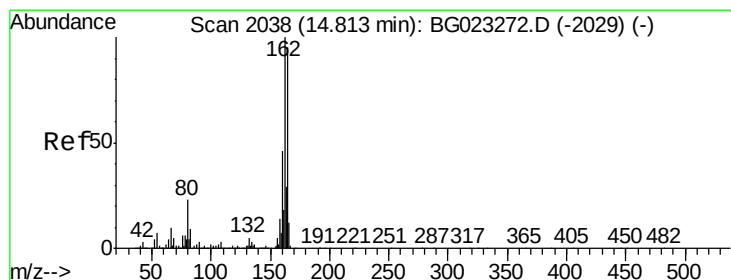
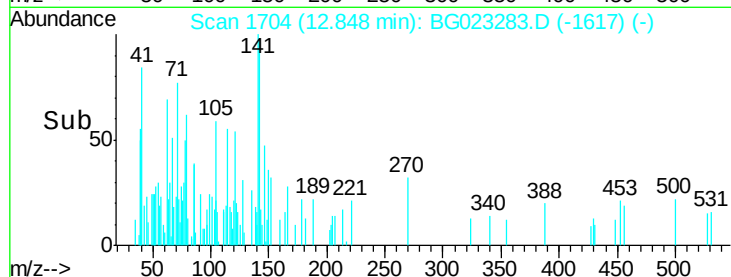
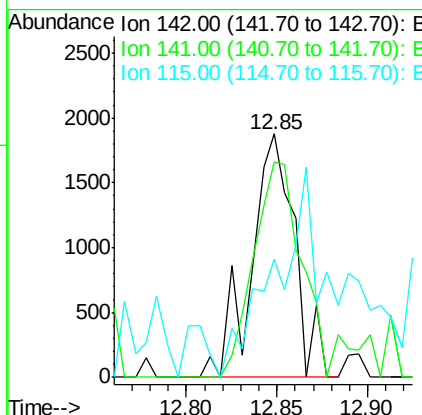
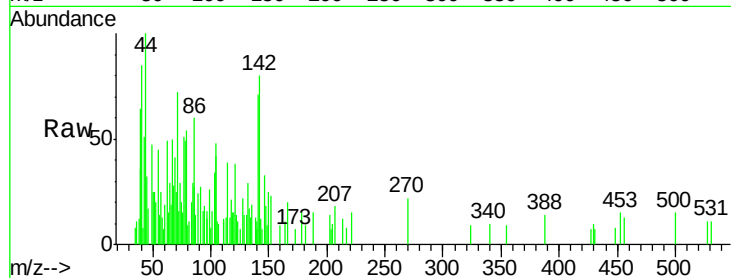




#37
 2-Methylnaphthalene
 Concen: 0.10 ng
 RT: 12.85 min Scan# 1704
 Delta R.T. 0.21 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

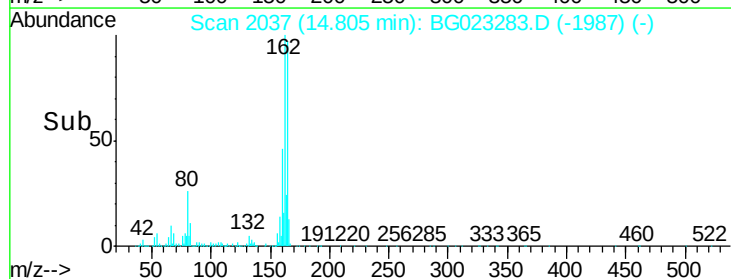
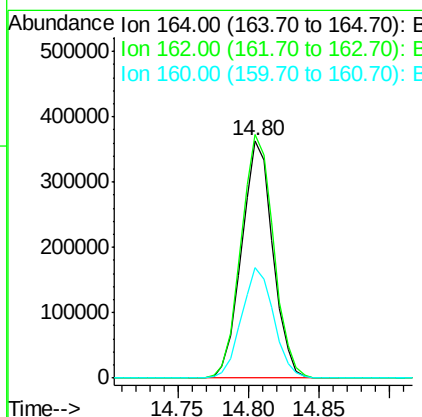
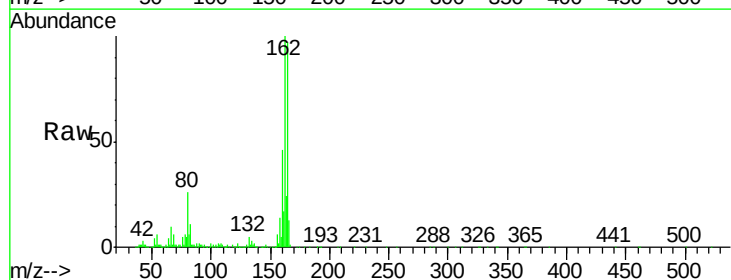
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

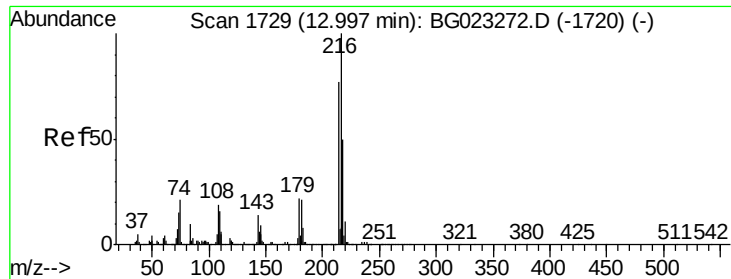
Tgt Ion:142 Resp: 3078
 Ion Ratio Lower Upper
 142 100
 141 88.3 70.2 105.2
 115 48.7 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion:164 Resp: 561129
 Ion Ratio Lower Upper
 164 100
 162 102.6 87.7 131.5
 160 46.8 37.2 55.8

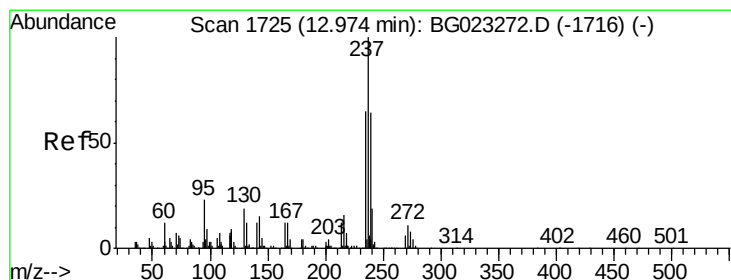
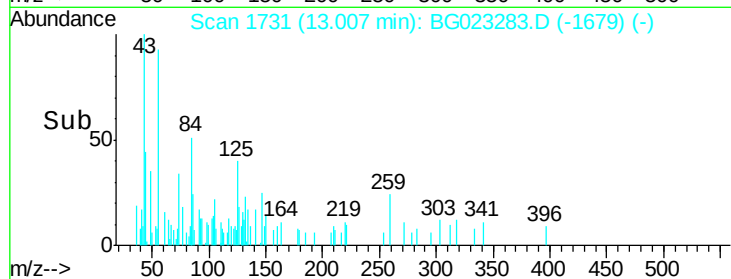
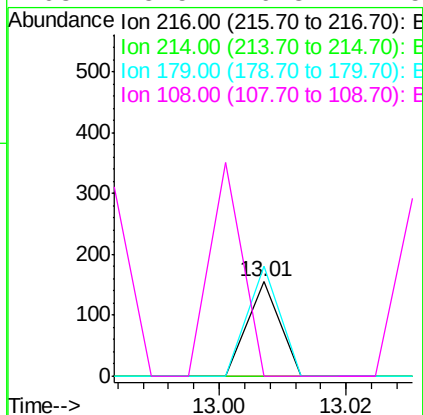
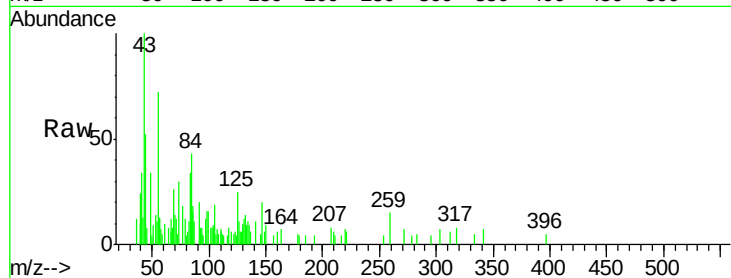




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.00 ng
 RT: 13.01 min Scan# 1731
 Delta R.T. 0.01 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

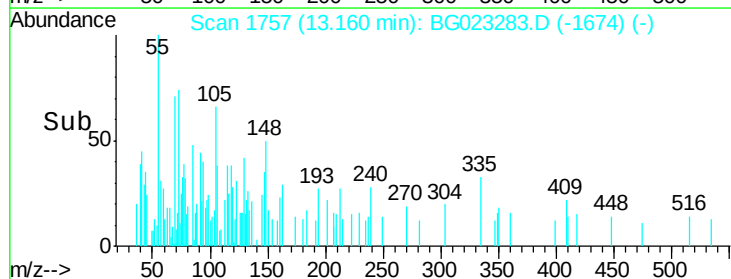
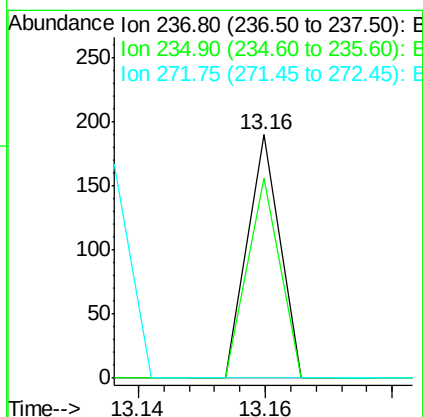
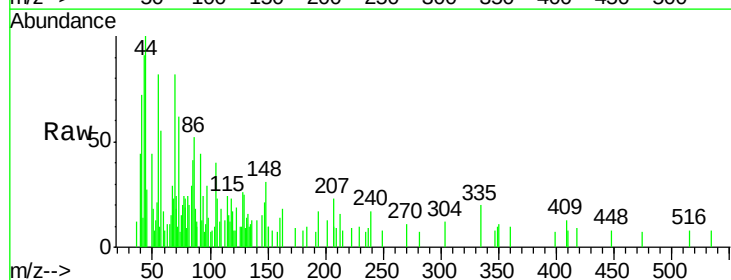
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

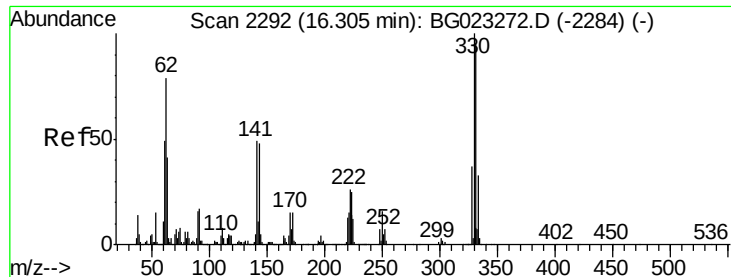
Tgt Ion	Ratio	Lower	Upper
216	100		
214	0.0	62.9	94.3#
179	116.4	17.2	25.8#
108	225.5	16.3	24.5#



#40
 Hexachlorocyclopentadiene
 Concen: 0.01 ng
 RT: 13.16 min Scan# 1757
 Delta R.T. 0.18 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion	Ratio	Lower	Upper
237	100		
235	82.1	43.1	83.1
272	0.0	0.0	30.9





#41

2,4,6-Tribromophenol

Concen: 159.61 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

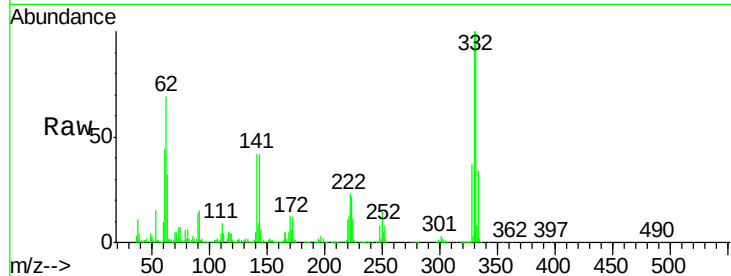
Tgt Ion:330 Resp: 926975

Ion Ratio Lower Upper

330 100

332 98.2 77.4 116.2

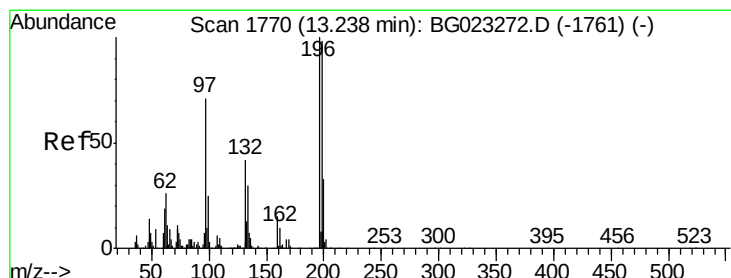
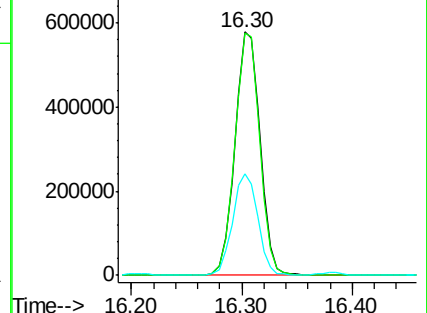
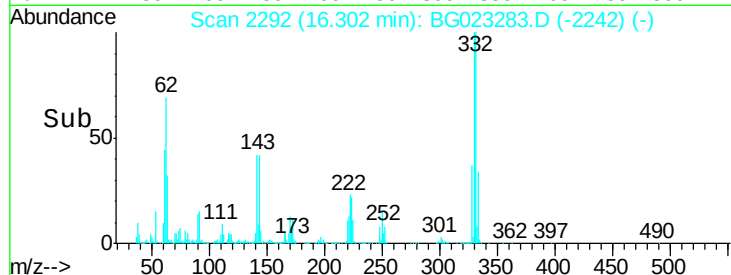
141 41.7 31.7 47.5



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: 0.01 ng

RT: 13.17 min Scan# 1759

Delta R.T. -0.07 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

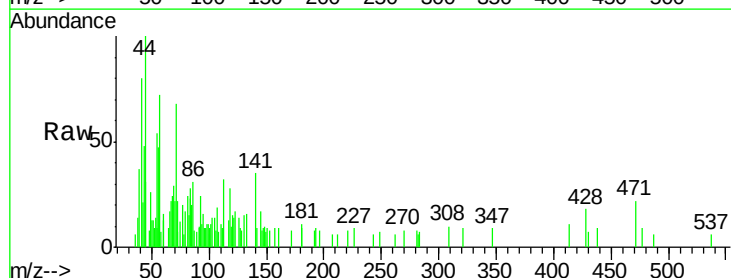
Tgt Ion:196 Resp: 70

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

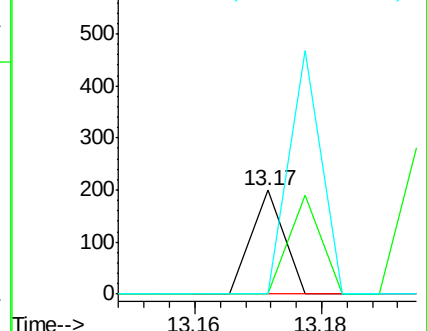
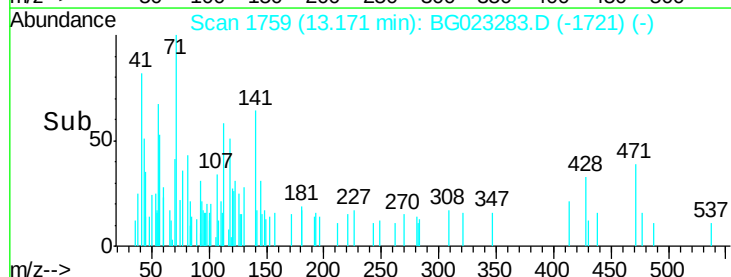
200 0.0 27.0 40.4#

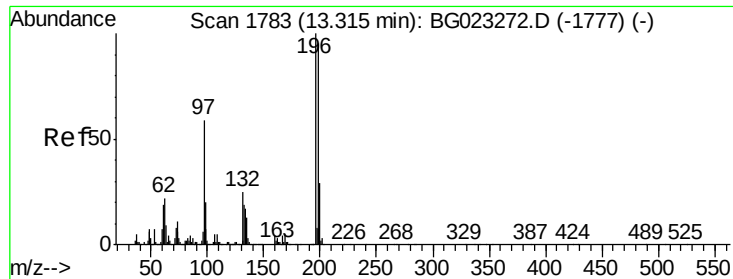


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

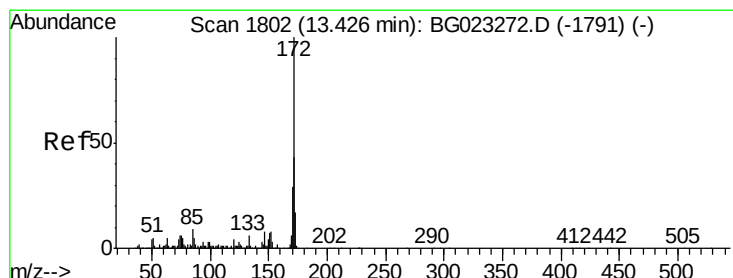
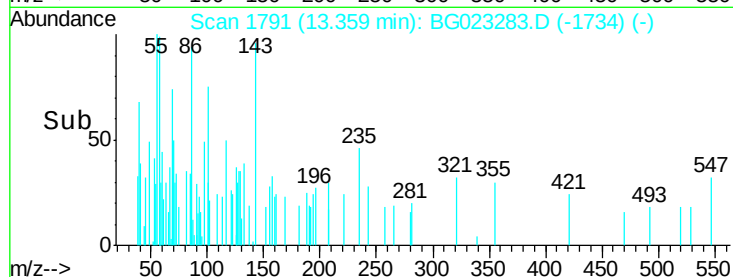
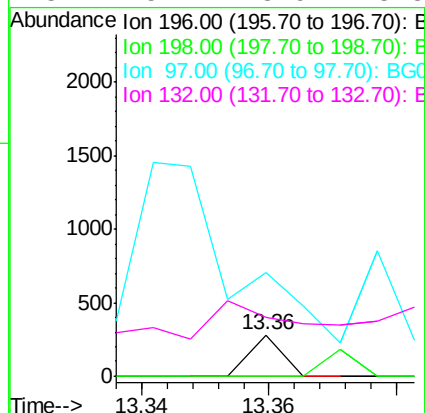
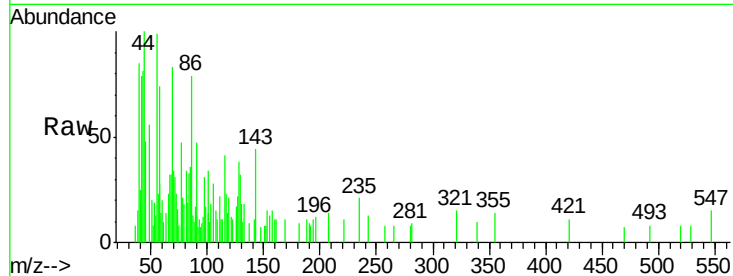




#43
2,4,5-Trichlorophenol
Concen: 0.01 ng
RT: 13.36 min Scan# 1791
Delta R.T. 0.04 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

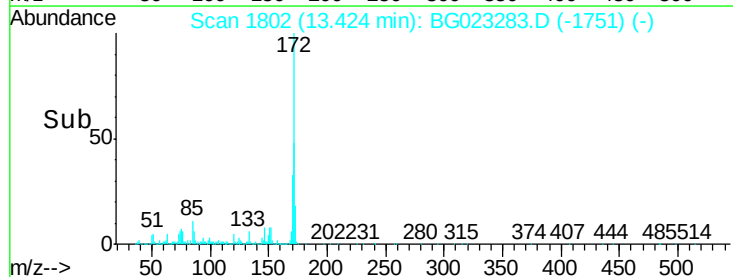
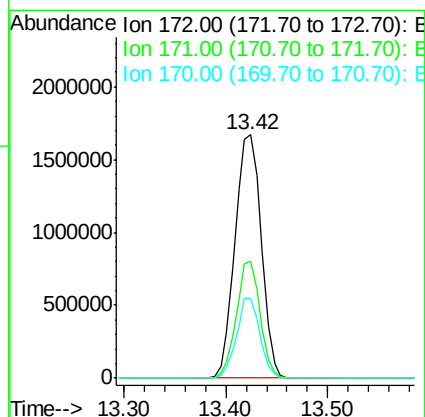
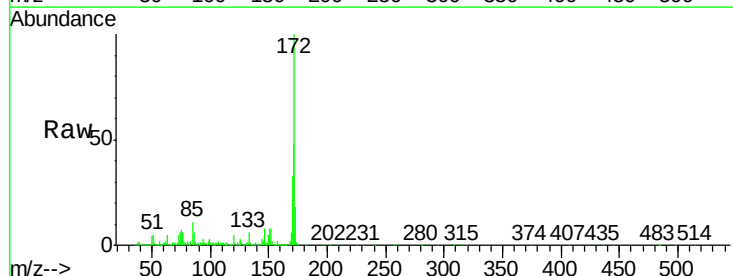
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

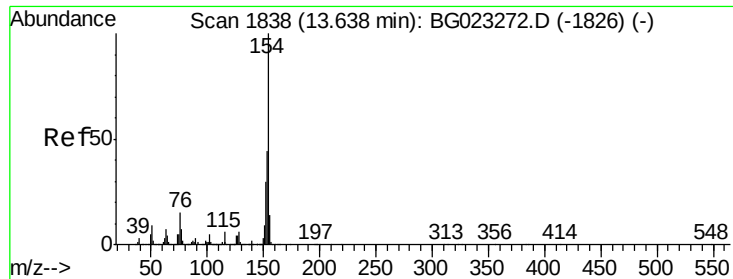
Tgt Ion:196 Resp: 99
Ion Ratio Lower Upper
196 100
198 0.0 85.7 128.5#
97 251.2 45.5 68.3#
132 143.4 18.9 28.3#



#44
2-Fluorobiphenyl
Concen: 99.93 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:172 Resp: 2995974
Ion Ratio Lower Upper
172 100
171 48.2 31.6 47.4#
170 32.9 21.3 31.9#

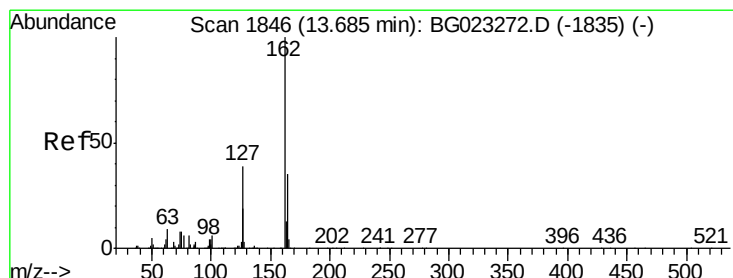
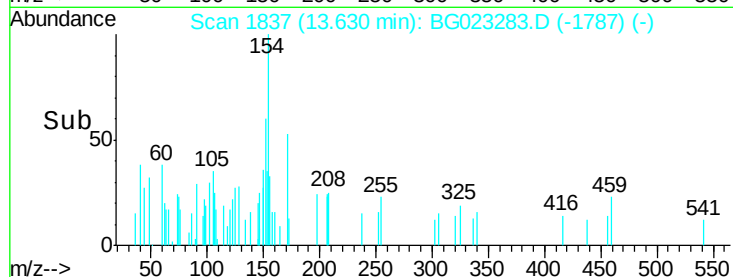
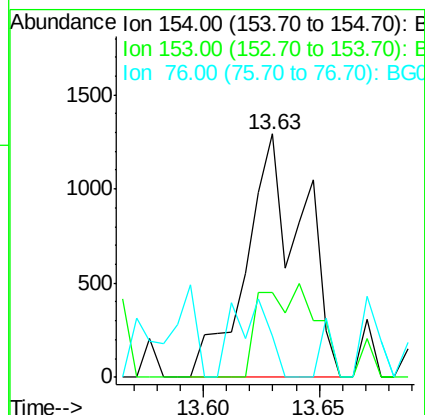
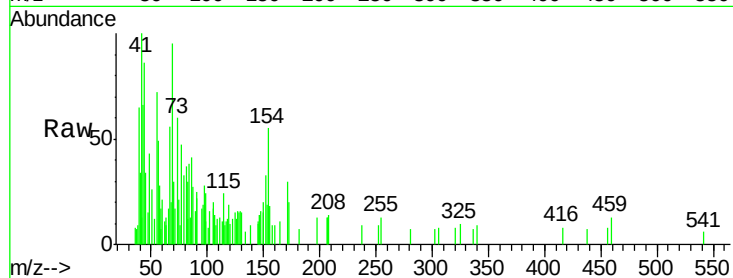




#45
 1,1'-Biphenyl
 Concen: 0.06 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

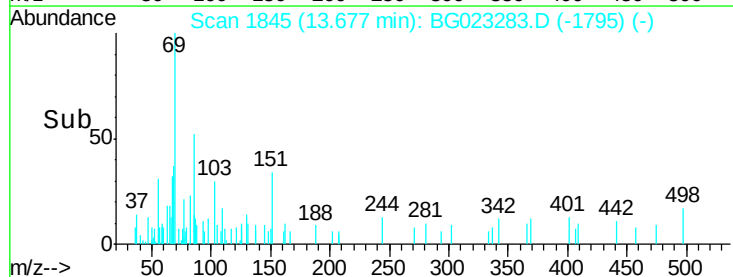
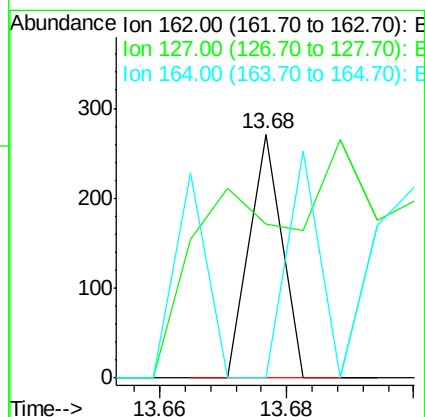
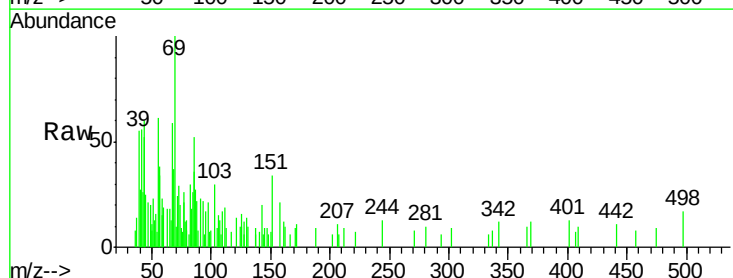
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

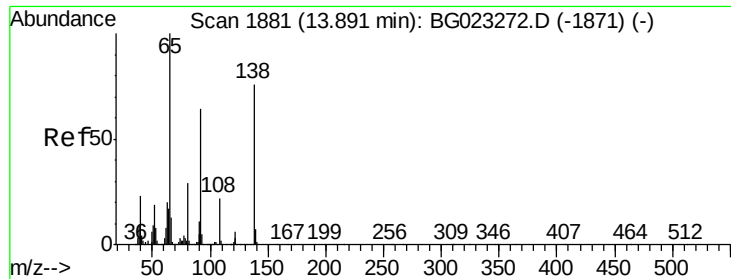
Tgt Ion:154 Resp: 2194
 Ion Ratio Lower Upper
 154 100
 153 35.1 20.2 60.2
 76 16.8 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 0.00 ng
 RT: 13.68 min Scan# 1845
 Delta R.T. -0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion:162 Resp: 96
 Ion Ratio Lower Upper
 162 100
 127 63.5 32.4 48.6#
 164 0.0 25.2 37.8#

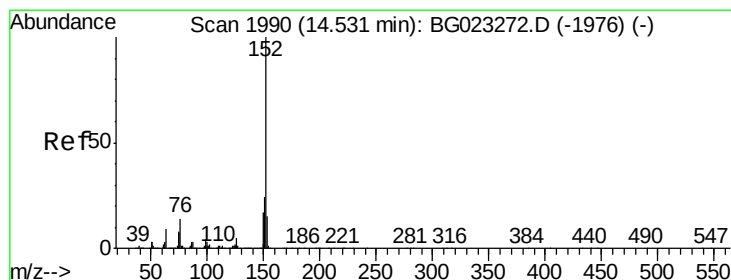
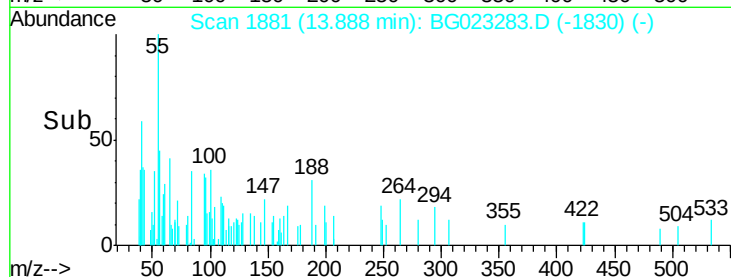
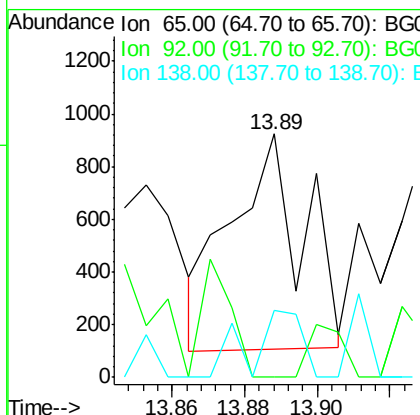
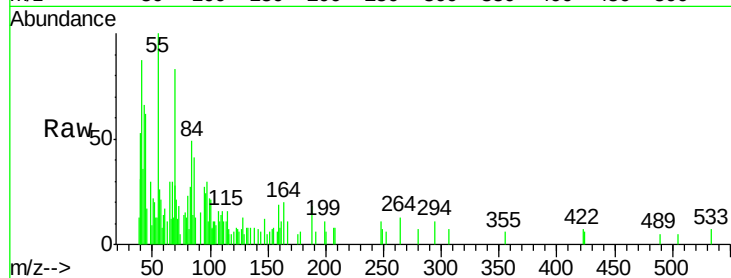




#47
2-Nitroaniline
Concen: 0.09 ng
RT: 13.89 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

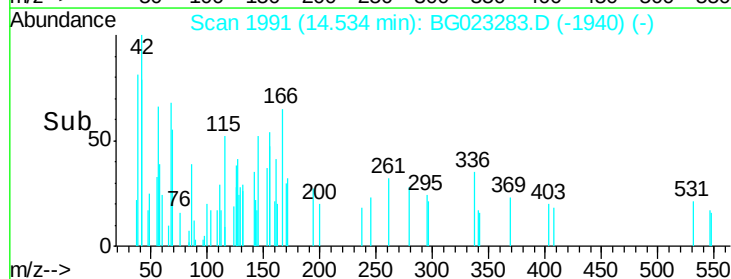
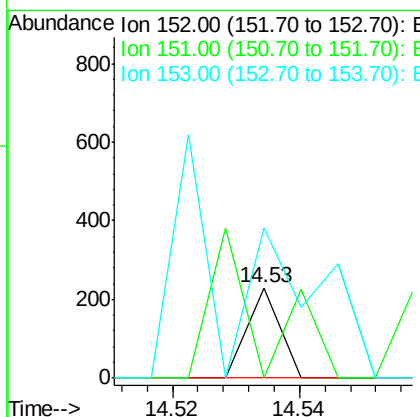
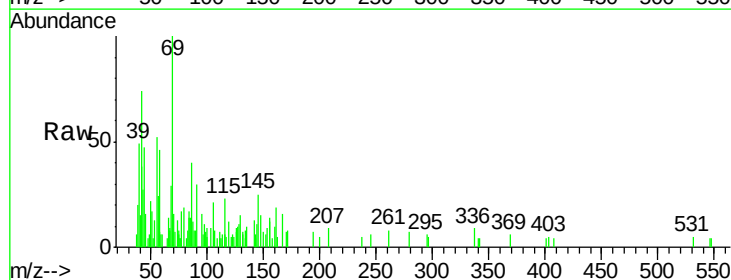
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

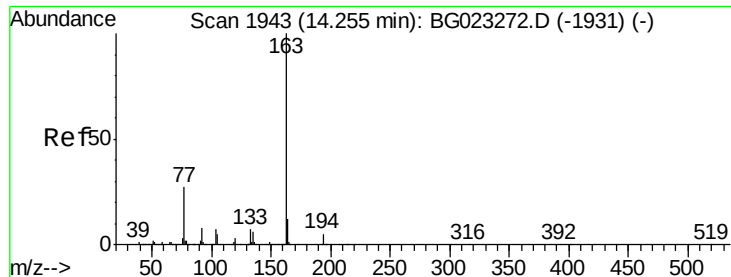
Tgt Ion: 65 Resp: 1133
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.0#
138 27.4 58.0 87.0#



#48
Acenaphthylene
Concen: 0.00 ng
RT: 14.53 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion: 152 Resp: 81
Ion Ratio Lower Upper
152 100
151 0.0 17.6 26.4#
153 165.7 11.4 17.2#





#49

Dimethylphthalate

Concen: 4.03 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

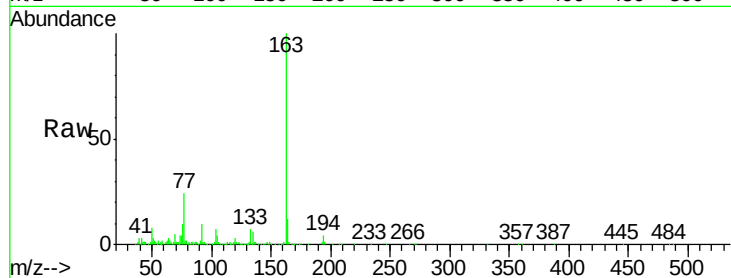
Tgt Ion:163 Resp: 166691

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

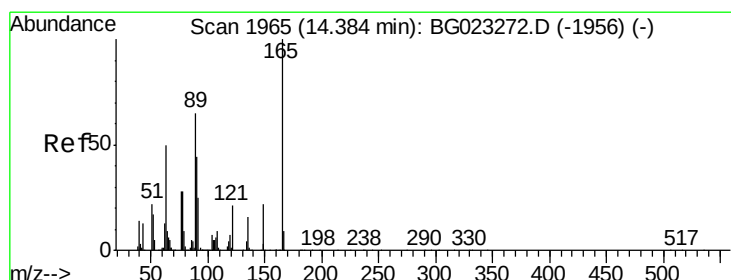
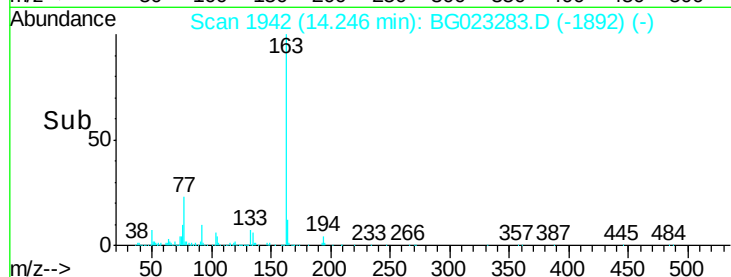
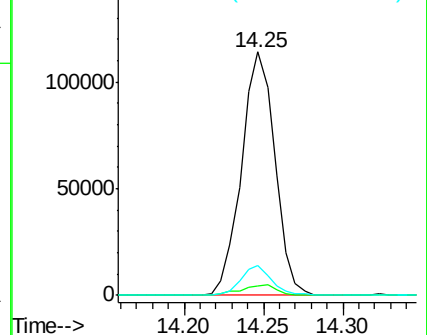
164 12.0 8.1 12.1



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: 0.01 ng

RT: 14.38 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

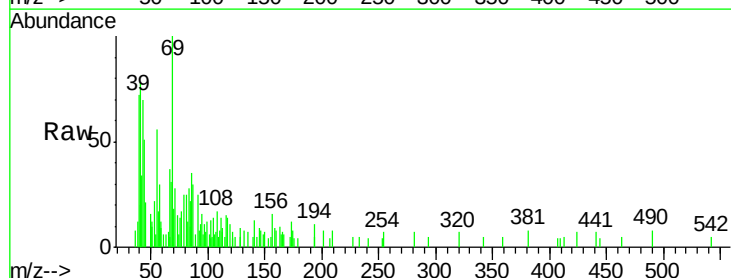
Tgt Ion:165 Resp: 102

Ion Ratio Lower Upper

165 100

63 80.0 64.3 96.5

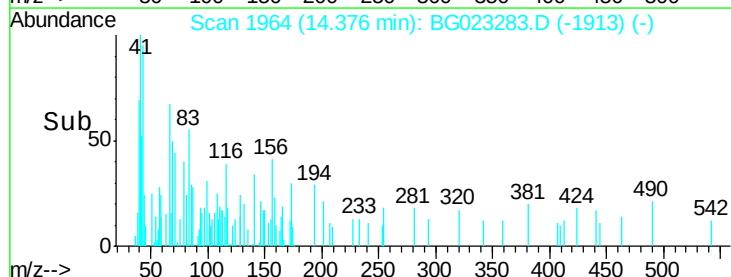
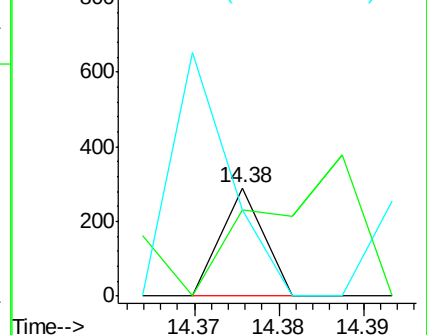
89 79.7 64.3 96.5

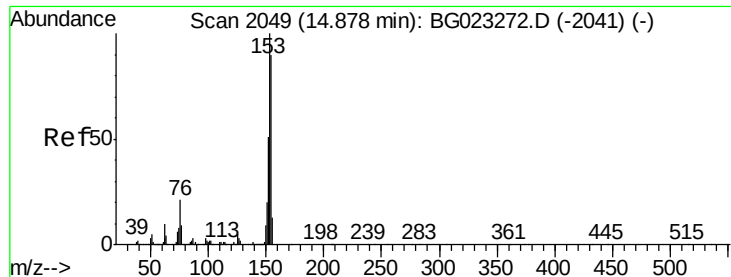


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.01 ng

RT: 14.88 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

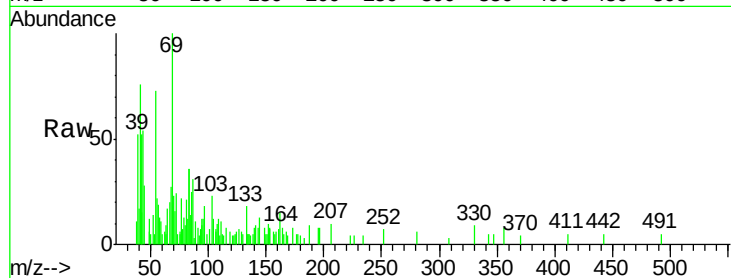
Tgt Ion:154 Resp: 249

Ion Ratio Lower Upper

154 100

153 82.2 87.5 131.3#

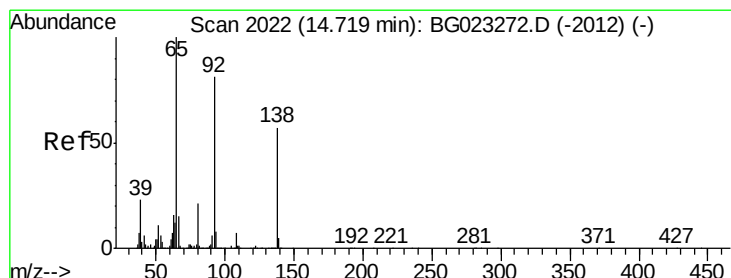
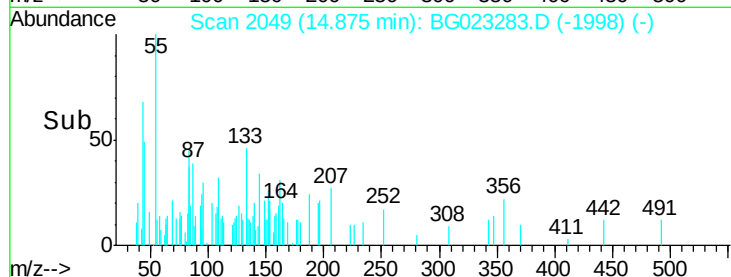
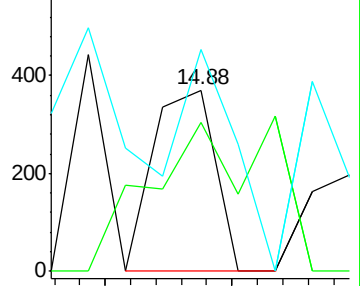
152 122.7 42.7 64.1#



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: 0.02 ng

RT: 14.72 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

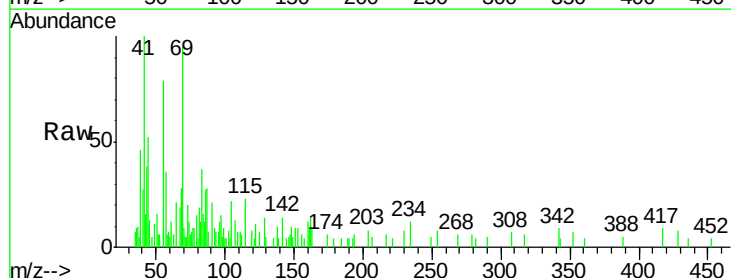
Tgt Ion:138 Resp: 231

Ion Ratio Lower Upper

138 100

108 0.0 11.7 17.5#

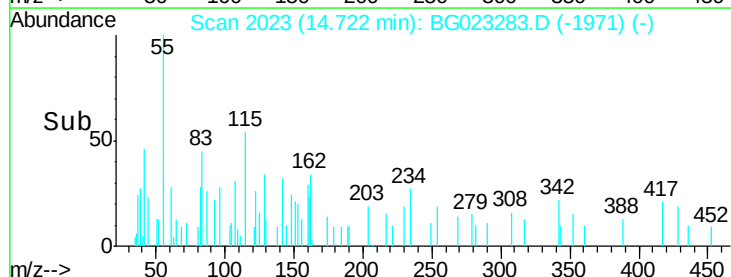
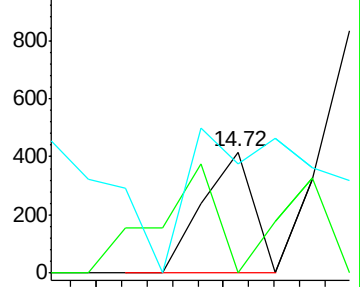
92 89.9 129.7 194.5#

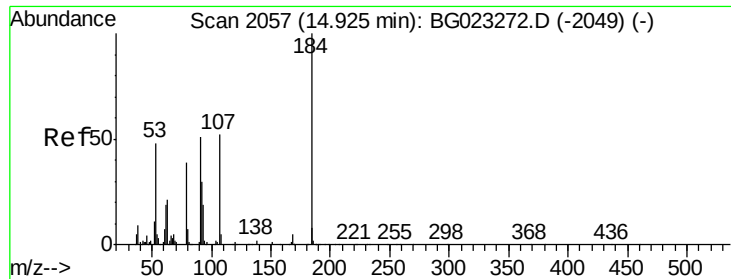


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 0.02 ng

RT: 14.92 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

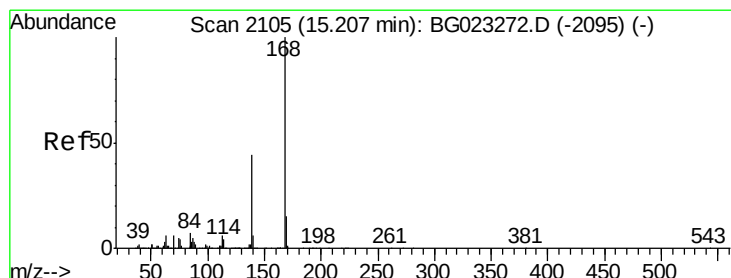
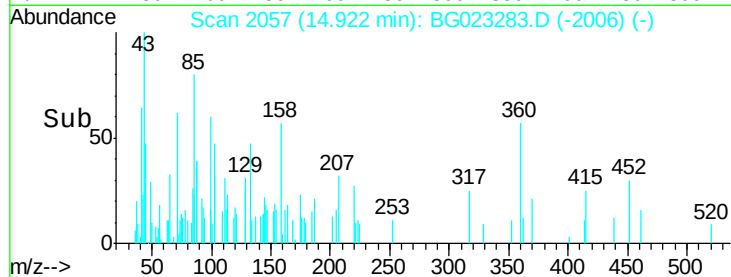
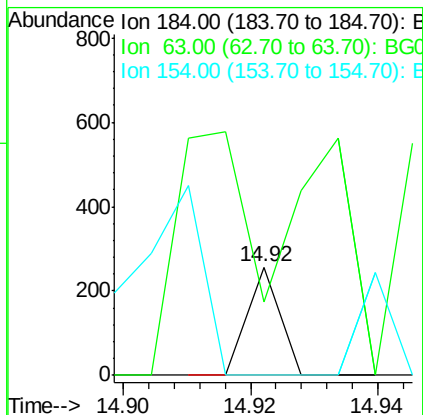
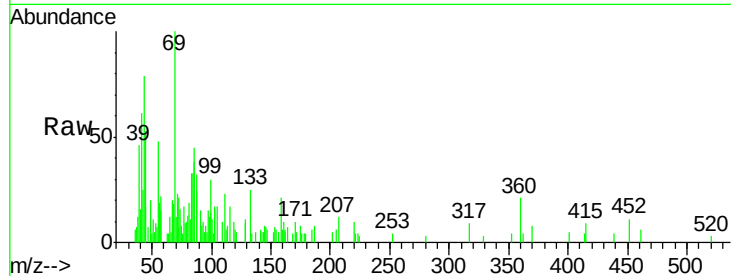
Tgt Ion:184 Resp: 90

Ion Ratio Lower Upper

184 100

63 68.4 59.6 89.4

154 0.0 67.4 101.0#



#54

Dibenzofuran

Concen: 0.02 ng

RT: 15.21 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

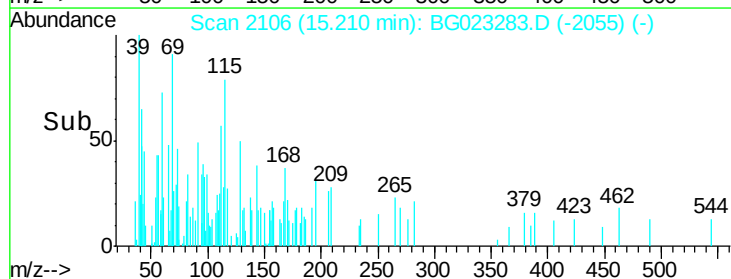
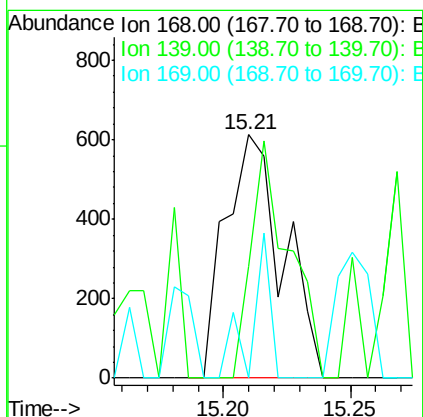
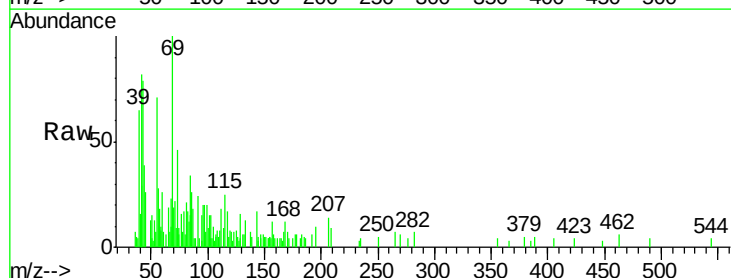
Tgt Ion:168 Resp: 970

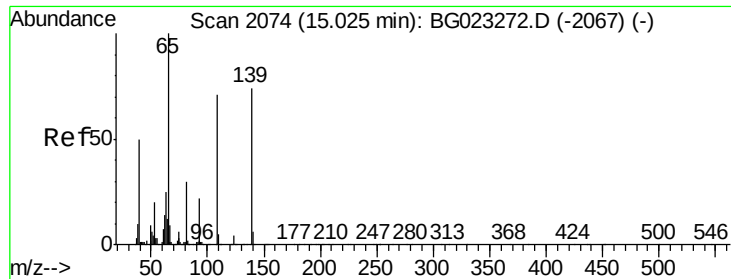
Ion Ratio Lower Upper

168 100

139 46.0 36.4 54.6

169 0.0 11.9 17.9#





#55

4-Nitrophenol

Concen: 0.06 ng

RT: 15.09 min Scan# 2085

Delta R.T. 0.04 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

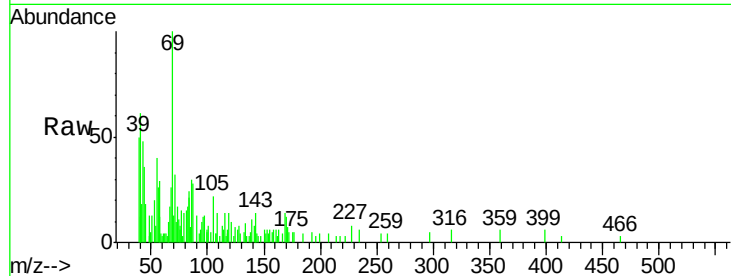
Tgt Ion:139 Resp: 522

Ion Ratio Lower Upper

139 100

109 128.3 103.0 143.0

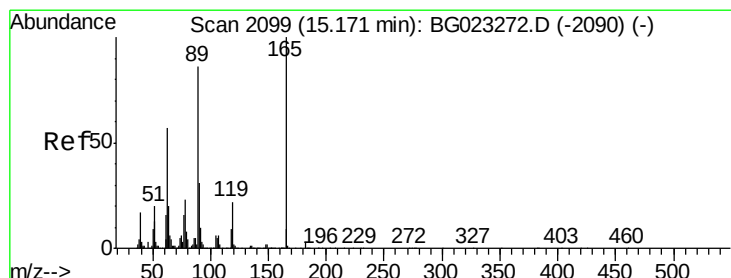
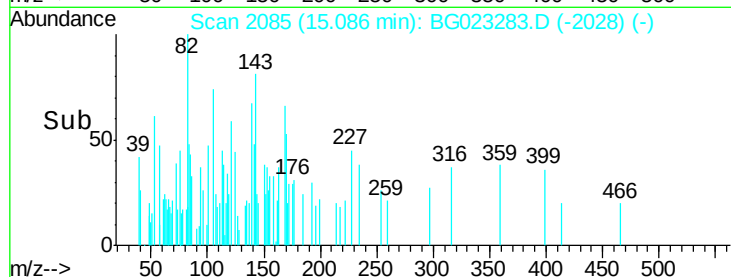
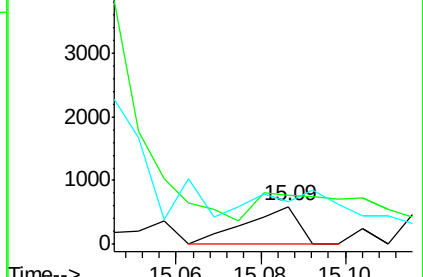
65 113.1 112.7 152.7



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: 0.02 ng

RT: 15.16 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Tgt Ion:165 Resp: 278

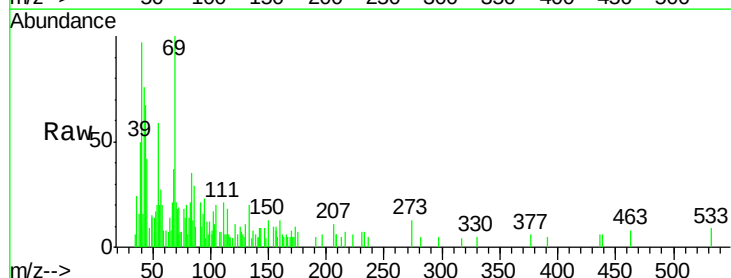
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.6#

89 0.0 68.6 102.8#

182 0.0 2.0 3.0#

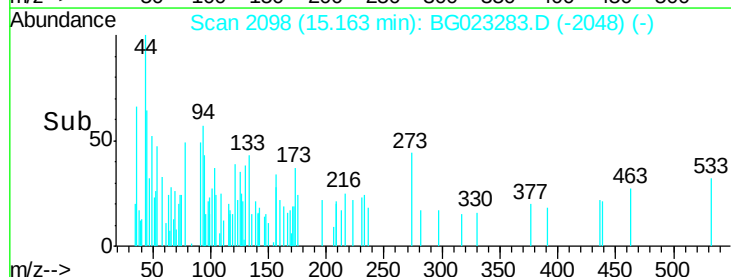
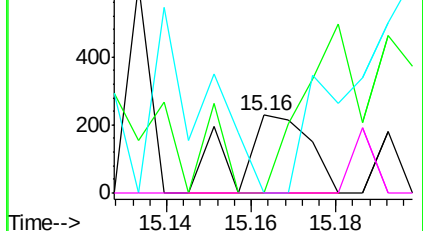


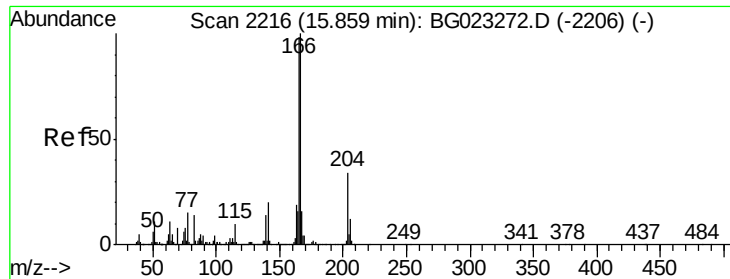
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.03 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

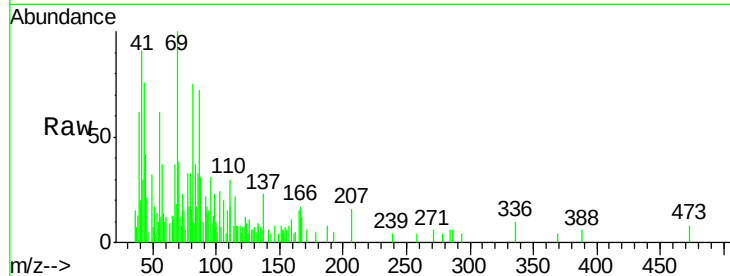
Tgt Ion:166 Resp: 1116

Ion Ratio Lower Upper

166 100

165 85.9 81.0 121.6

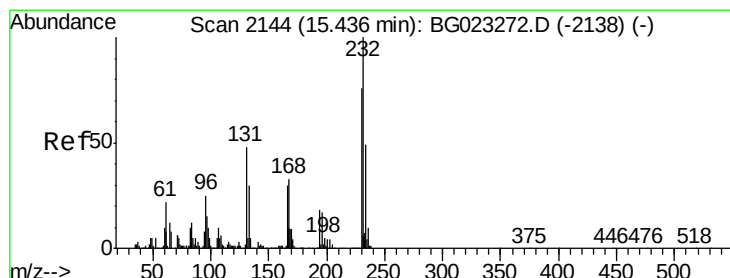
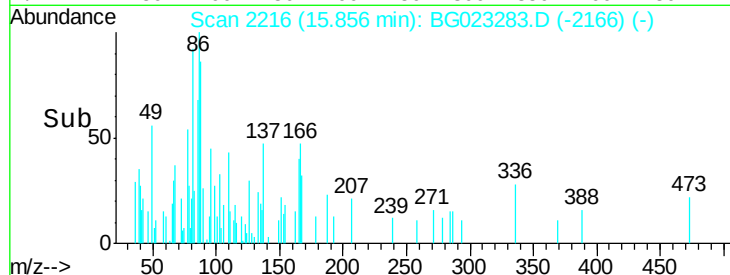
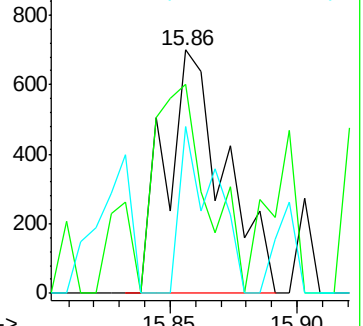
167 68.4 12.0 18.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.01 ng

RT: 15.43 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Tgt Ion:232 Resp: 68

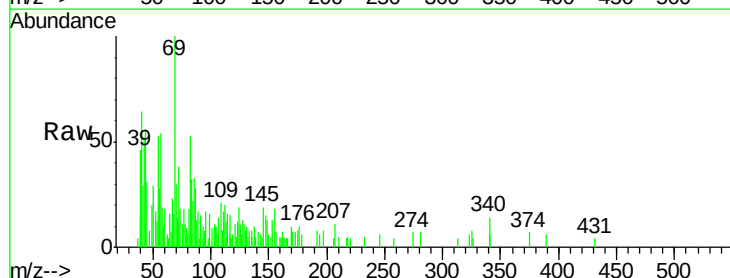
Ion Ratio Lower Upper

232 100

131 0.0 32.7 49.1#

130 617.6 2.6 3.8#

166 542.6 23.0 34.6#

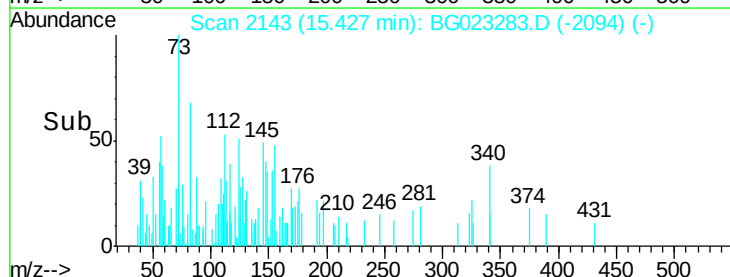
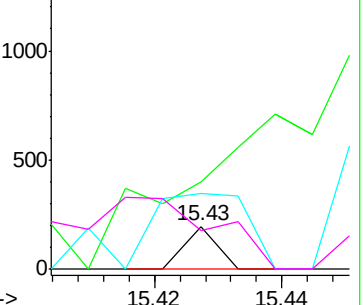


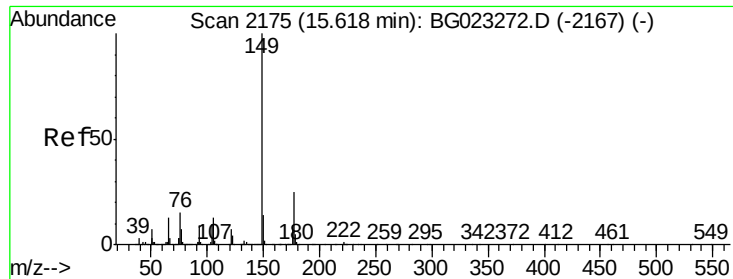
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 0.05 ng

RT: 15.62 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

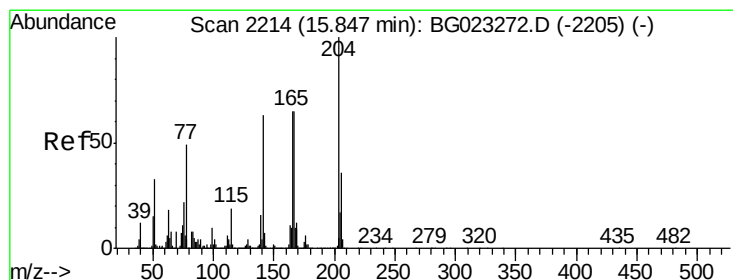
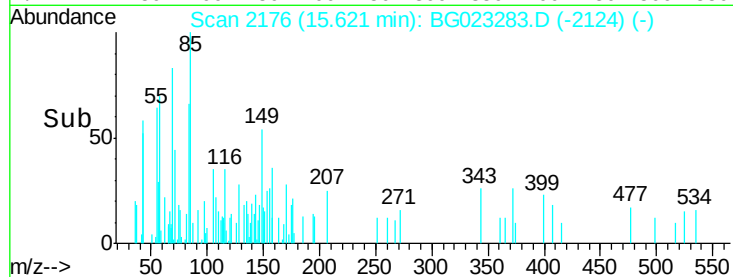
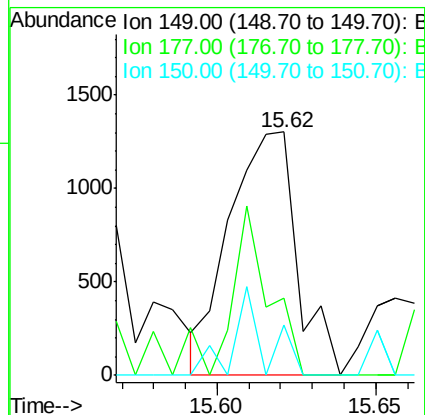
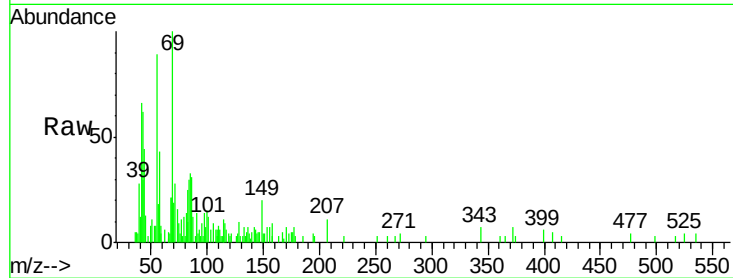
Tgt Ion:149 Resp: 1931

Ion Ratio Lower Upper

149 100

177 31.8 19.2 28.8#

150 20.9 10.6 16.0#



#60

4-Chlorophenyl-phenylether

Concen: 0.01 ng

RT: 15.84 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

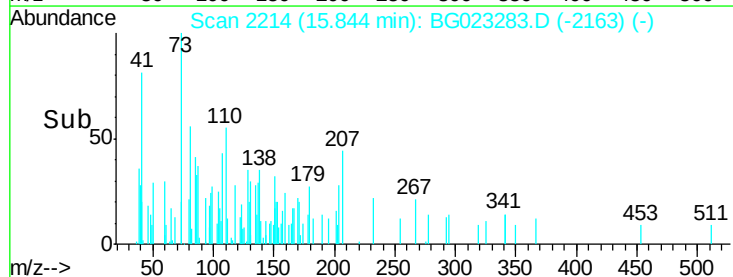
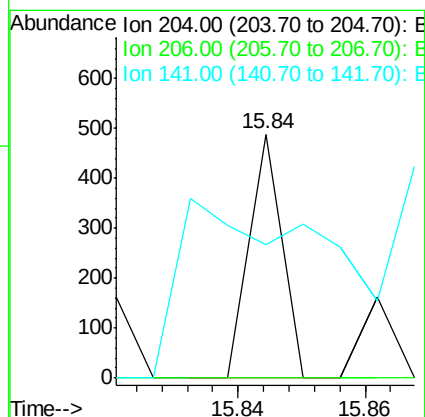
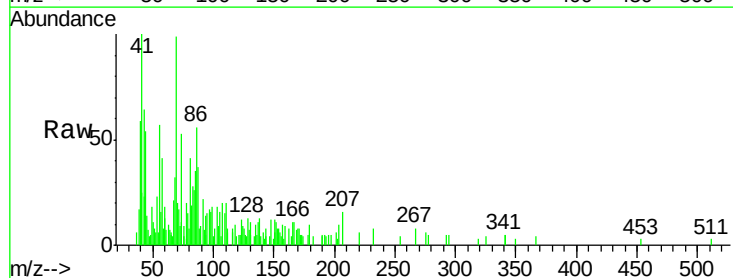
Tgt Ion:204 Resp: 172

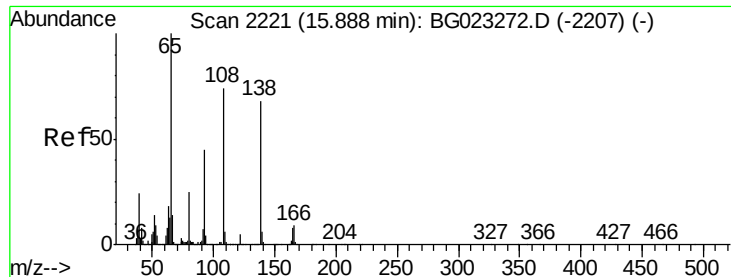
Ion Ratio Lower Upper

204 100

206 0.0 28.5 42.7#

141 54.7 51.4 77.0

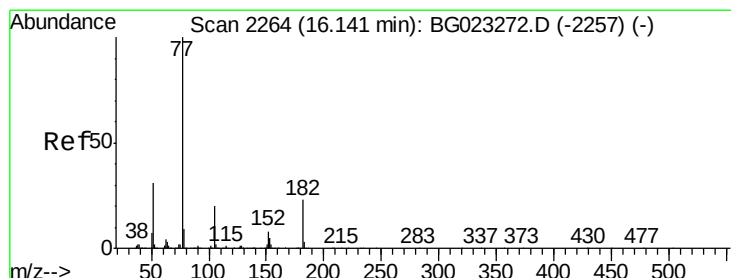
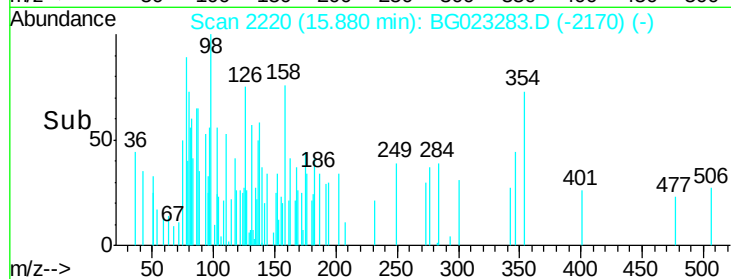
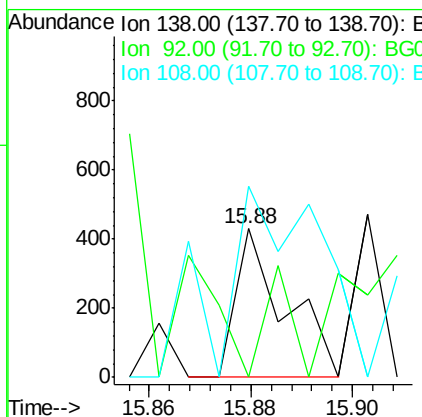
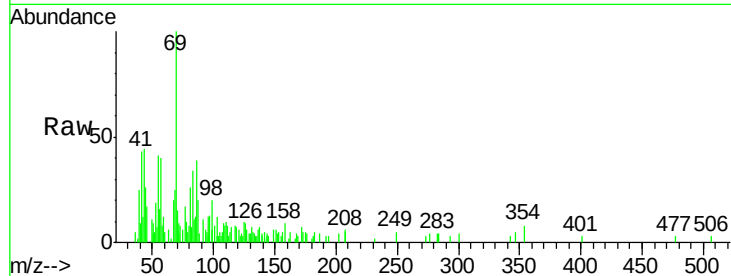




#61
4-Nitroaniline
Concen: 0.03 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

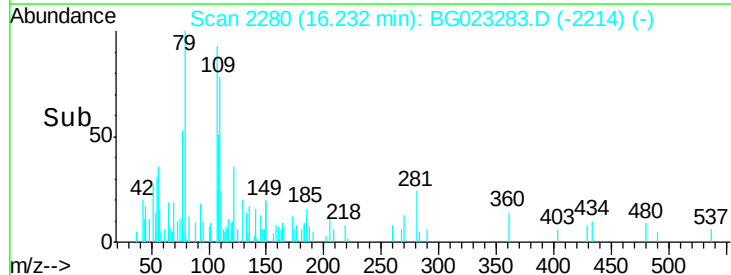
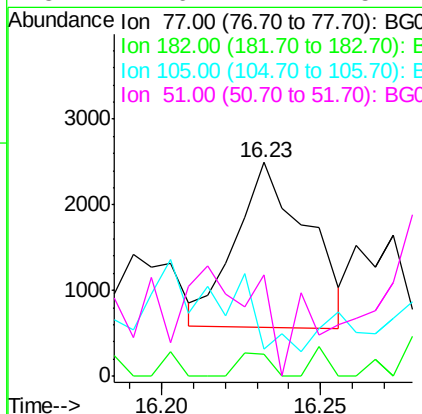
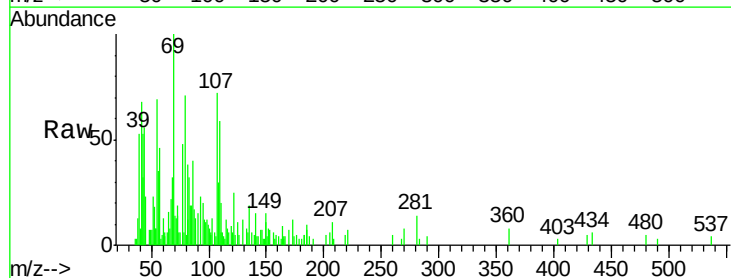
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

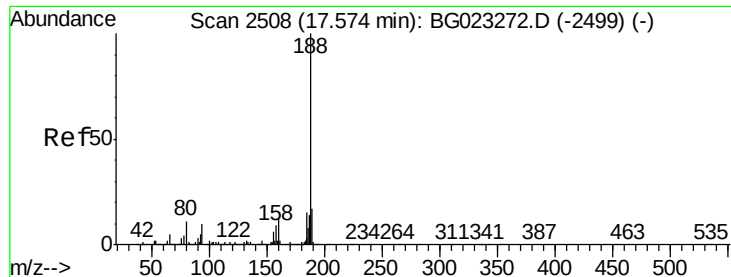
Tgt Ion: 138 Resp: 289
Ion Ratio Lower Upper
138 100
92 0.0 54.1 94.1#
108 128.8 133.9 173.9#



#62
Azobenzene
Concen: 0.07 ng
RT: 16.23 min Scan# 2280
Delta R.T. 0.09 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion: 77 Resp: 3008
Ion Ratio Lower Upper
77 100
182 10.4 3.5 43.5
105 12.5 0.0 38.5
51 47.6 17.1 57.1

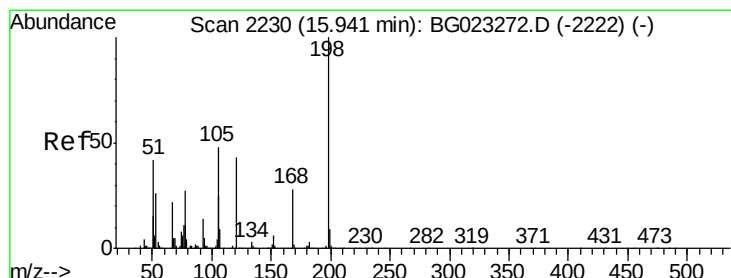
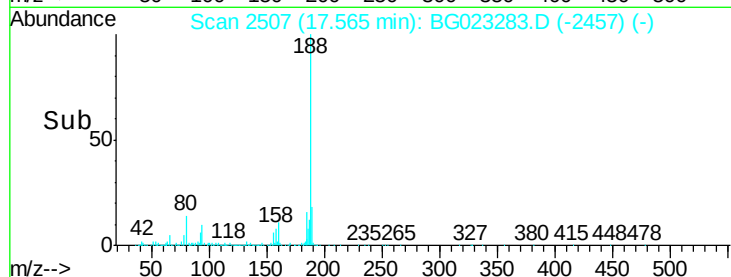
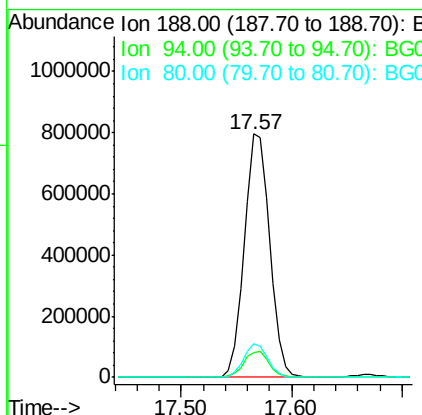
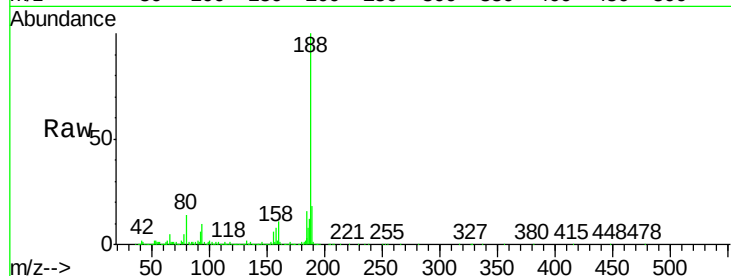




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

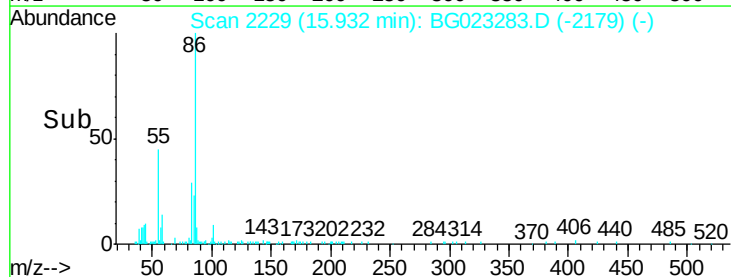
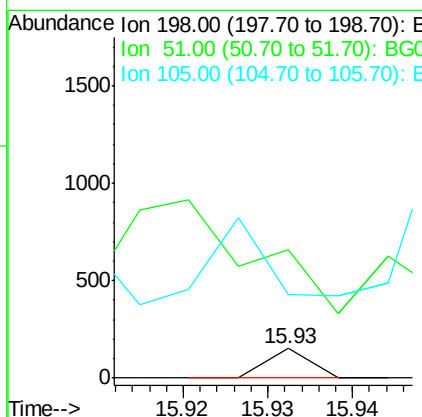
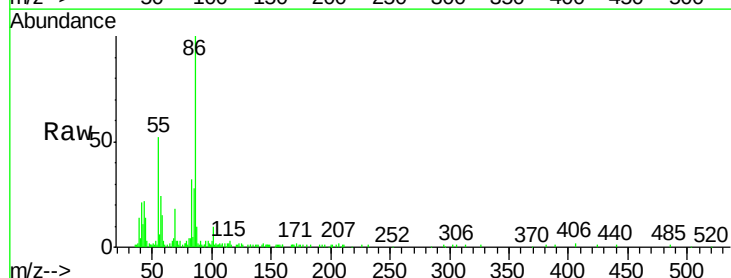
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

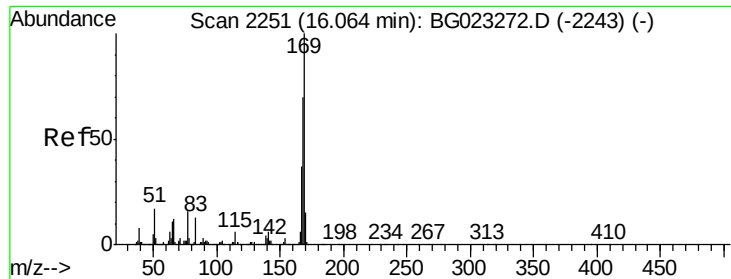
Tgt Ion:188 Resp: 1285023
Ion Ratio Lower Upper
188 100
94 10.4 5.2 7.8#
80 13.8 7.2 10.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 0.01 ng
RT: 15.93 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 434.4 26.0 66.0#
105 282.1 20.1 60.1#

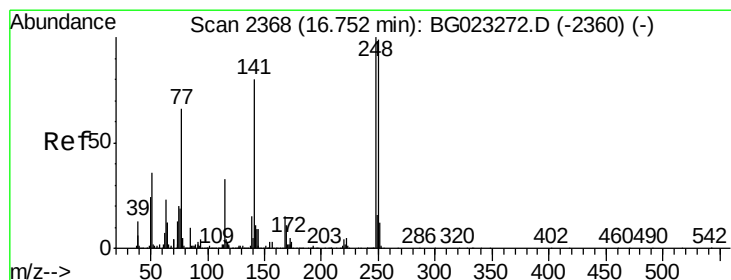
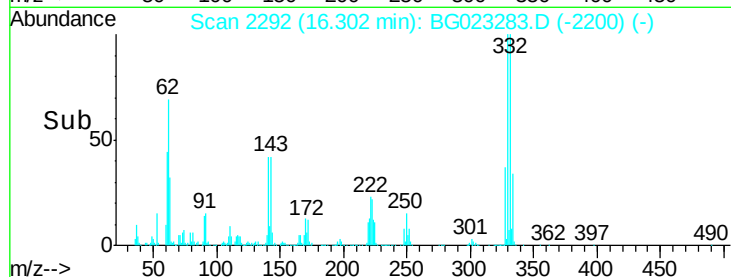
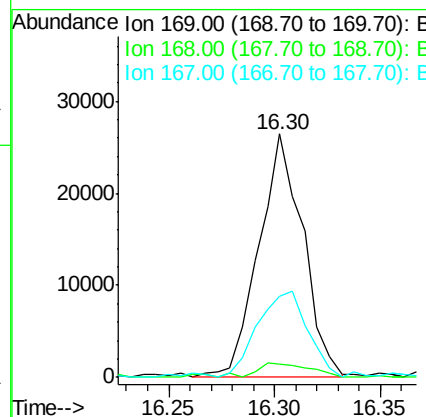
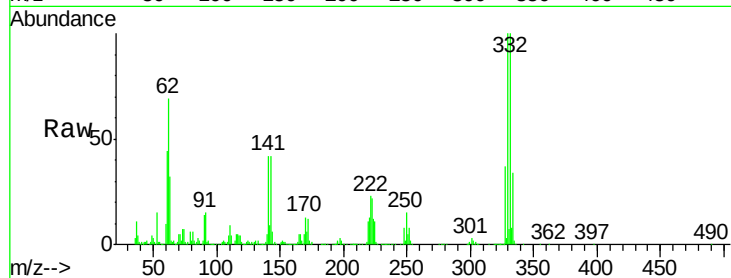




#65
 n-Nitrosodiphenylamine
 Concen: 1.12 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. 0.24 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

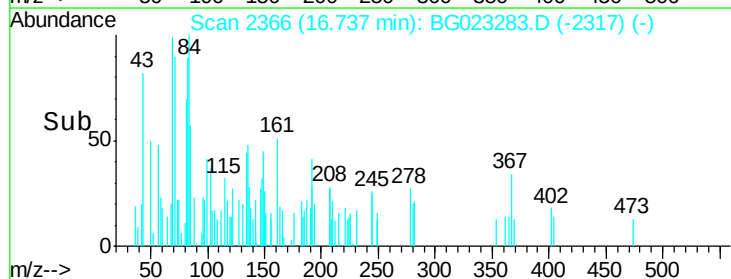
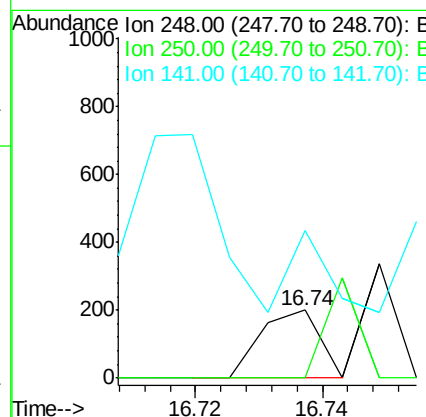
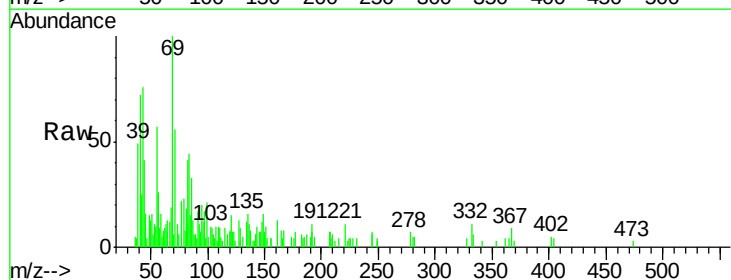
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

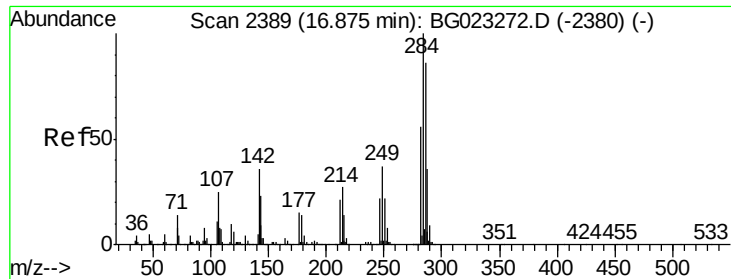
Tgt Ion:169 Resp: 38382
 Ion Ratio Lower Upper
 169 100
 168 5.6 55.0 82.4#
 167 33.4 27.4 41.0



#66
 4-Bromophenyl-phenylether
 Concen: 0.01 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion:248 Resp: 128
 Ion Ratio Lower Upper
 248 100
 250 0.0 77.8 116.8#
 141 218.6 65.7 98.5#





#67

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.87 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

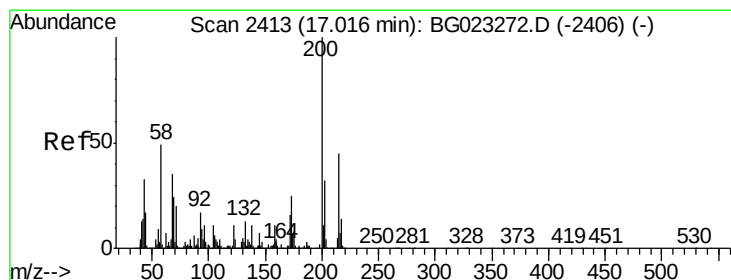
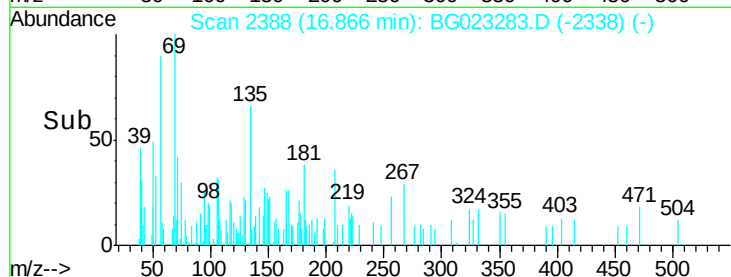
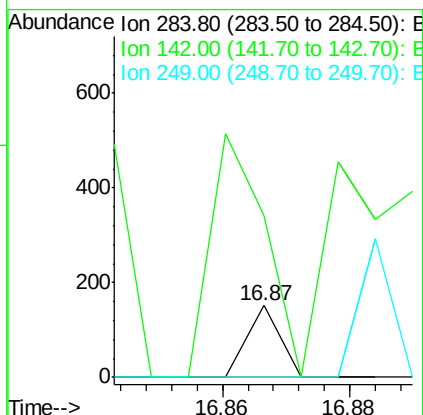
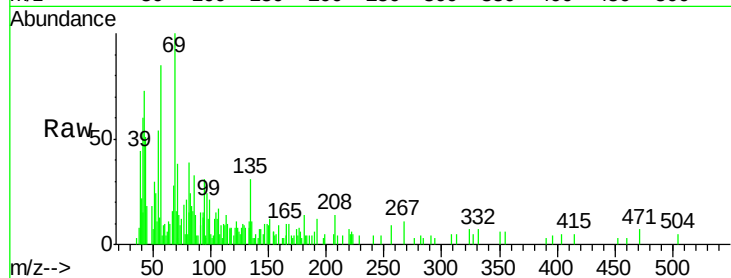
Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

Tgt Ion:	284	Resp:	54
Ion Ratio	Lower	Upper	
284	100		
142	224.3	26.8	40.2#
249	0.0	28.9	43.3#



#68

Atrazine

Concen: 0.02 ng

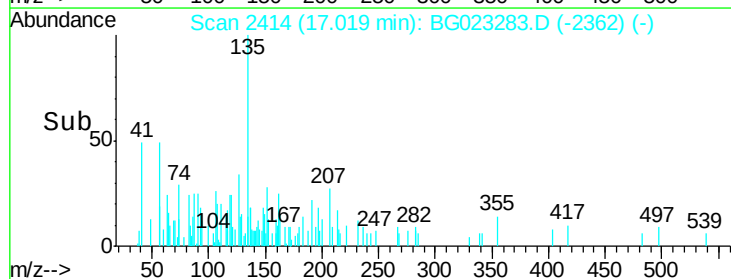
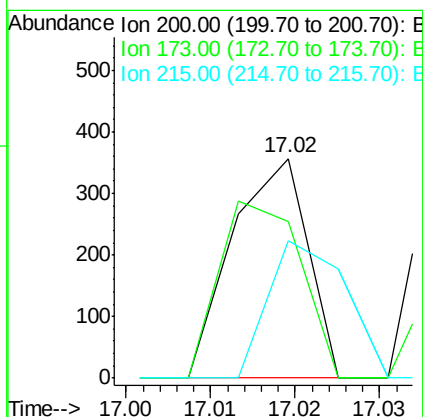
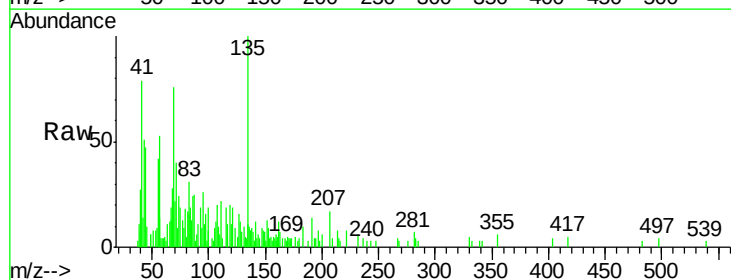
RT: 17.02 min Scan# 2414

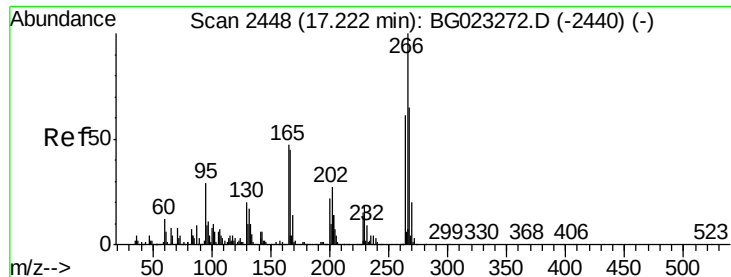
Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Tgt Ion:	200	Resp:	220
Ion Ratio	Lower	Upper	
200	100		
173	71.4	1.6	41.6#
215	62.5	28.7	68.7





#69

Pentachlorophenol

Concen: 0.06 ng

RT: 17.23 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

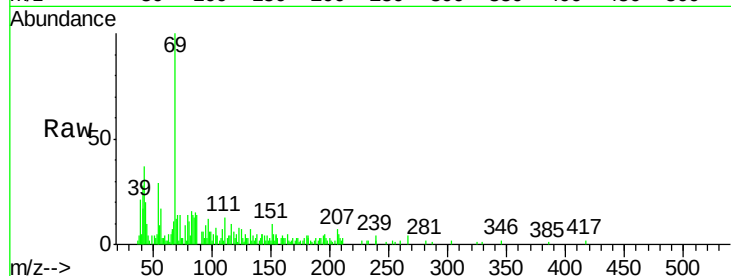
Tgt Ion:266 Resp: 452

Ion Ratio Lower Upper

266 100

268 0.0 51.9 77.9#

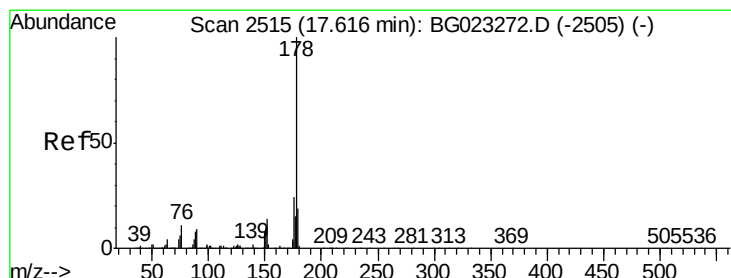
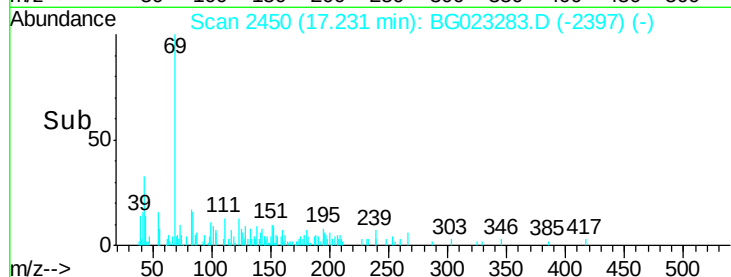
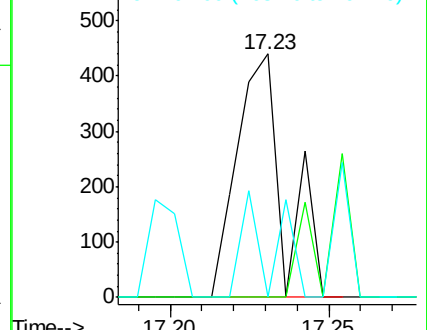
264 0.0 50.6 75.8#



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



#70

Phenanthrene

Concen: 0.02 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

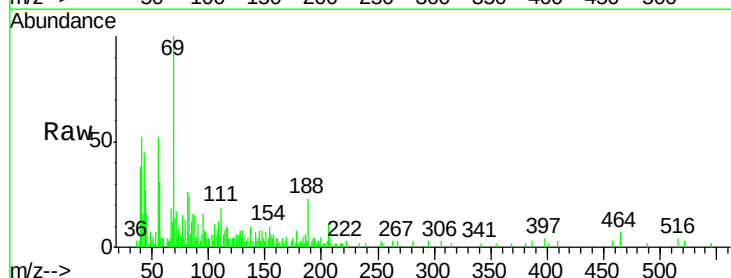
Tgt Ion:178 Resp: 1001

Ion Ratio Lower Upper

178 100

176 0.0 16.8 25.2#

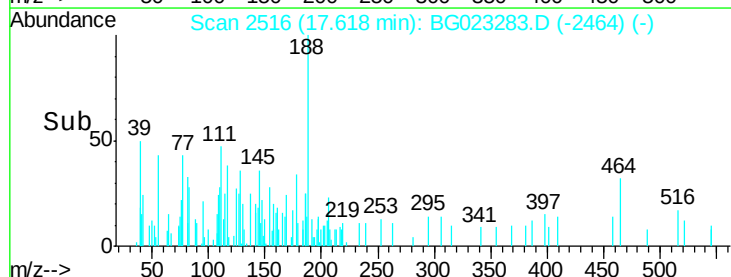
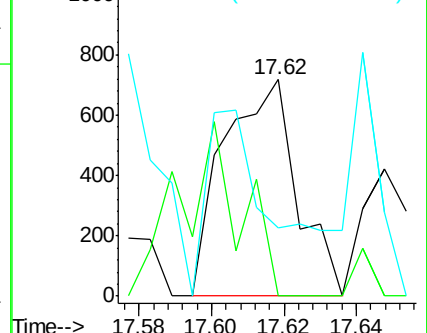
179 31.5 14.3 21.5#

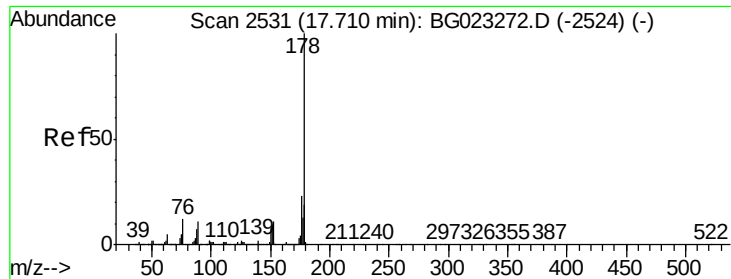


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.01 ng

RT: 17.71 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

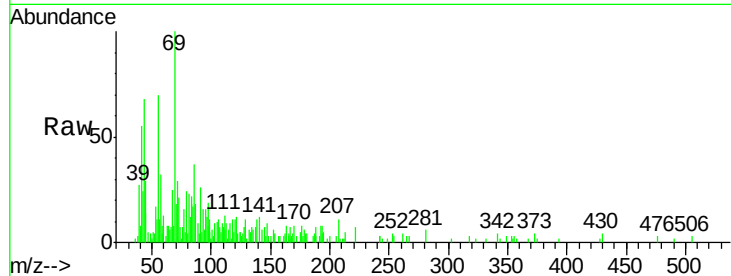
Tgt Ion:178 Resp: 498

Ion Ratio Lower Upper

178 100

176 90.6 17.3 25.9#

179 47.3 14.0 21.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

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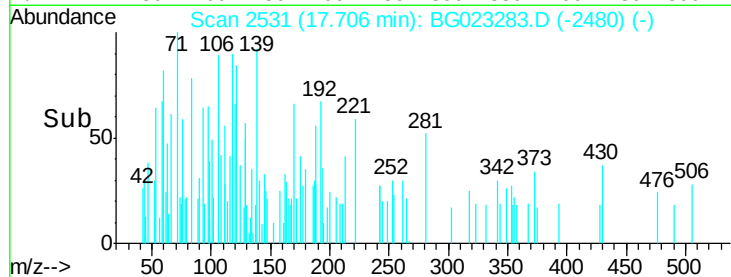
17.71

17.71

17.71

17.71

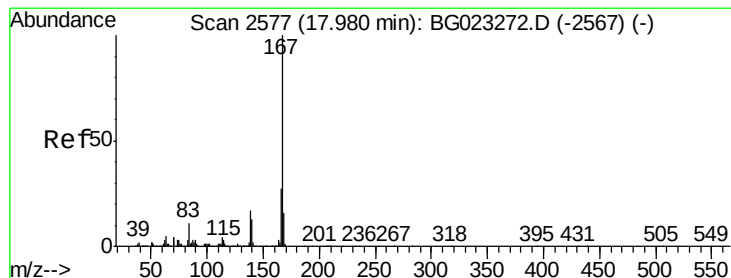
17.71



Time--> 17.68

Time--> 17.70

Time--> 17.72



#72

Carbazole

Concen: 0.02 ng

RT: 17.97 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

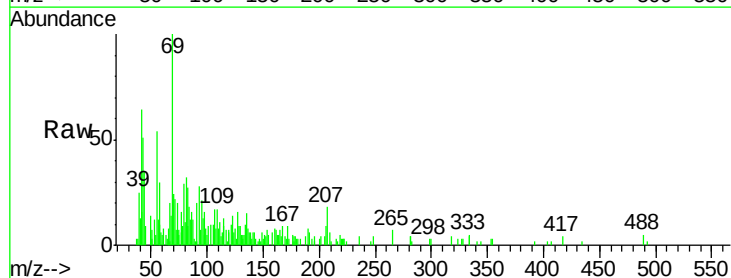
Tgt Ion:167 Resp: 1191

Ion Ratio Lower Upper

167 100

166 50.4 20.7 31.1#

139 52.2 11.9 17.9#



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

17.97

17.97

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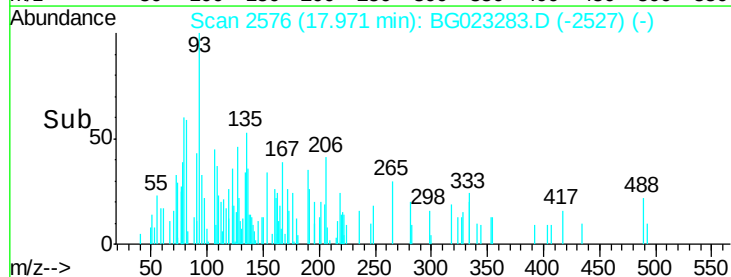
17.97

17.97

17.97

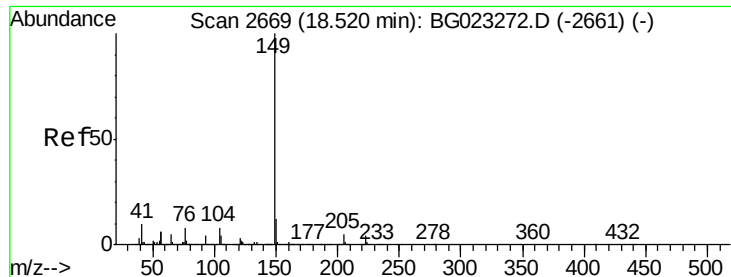
17.97

17.97



Time--> 17.95

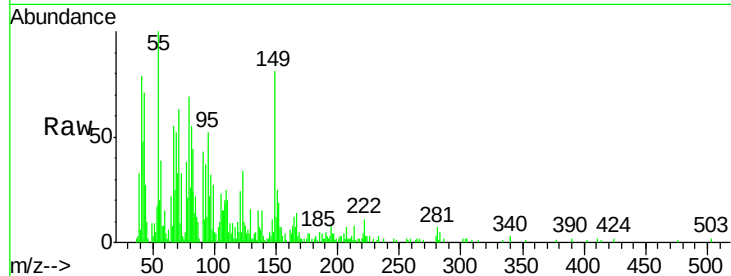
Time--> 18.00



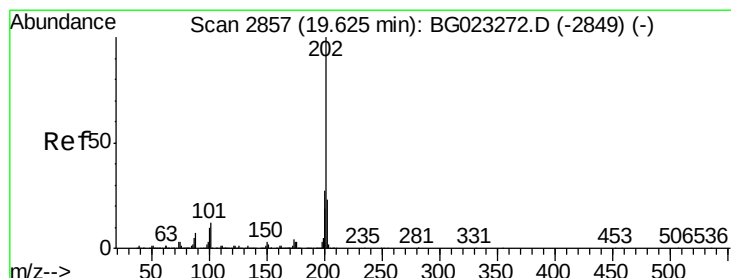
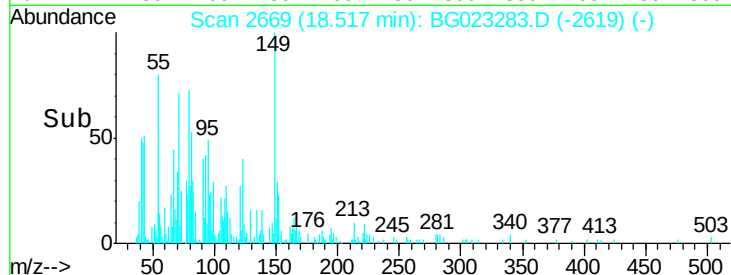
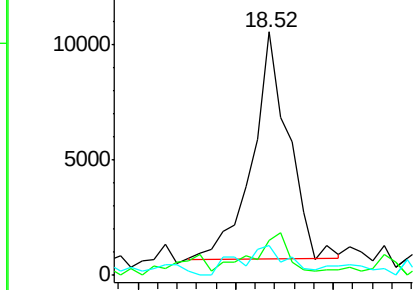
#73
Di-n-butylphthalate
Concen: 0.21 ng
RT: 18.52 min Scan# 2669
Delta R.T. -0.00 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

Tgt Ion:149 Resp: 12396
Ion Ratio Lower Upper
149 100
150 14.6 9.1 13.7#
104 12.4 6.9 10.3#

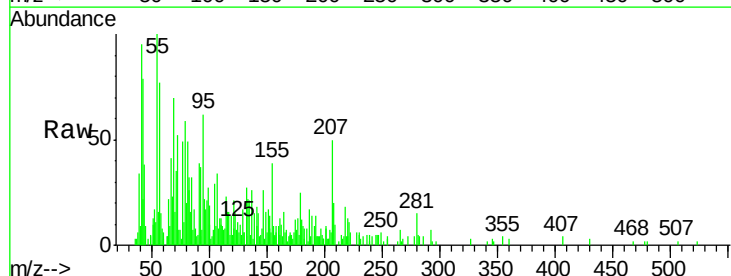


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

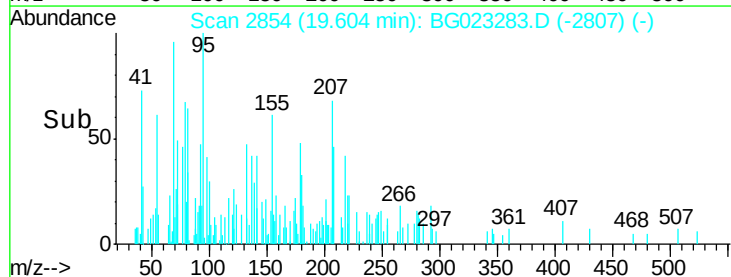
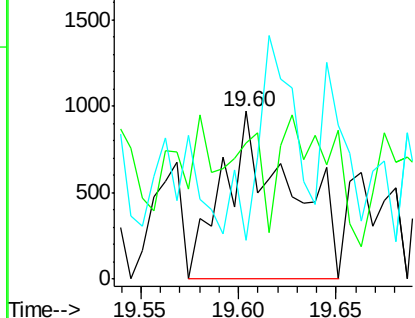


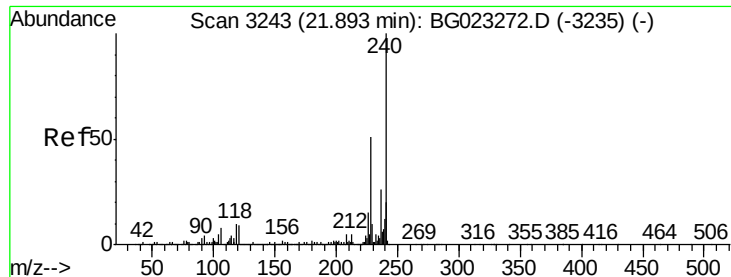
#74
Fluoranthene
Concen: 0.04 ng
RT: 19.60 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:202 Resp: 2294
Ion Ratio Lower Upper
202 100
101 81.2 0.0 27.4#
203 23.1 1.7 41.7



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: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

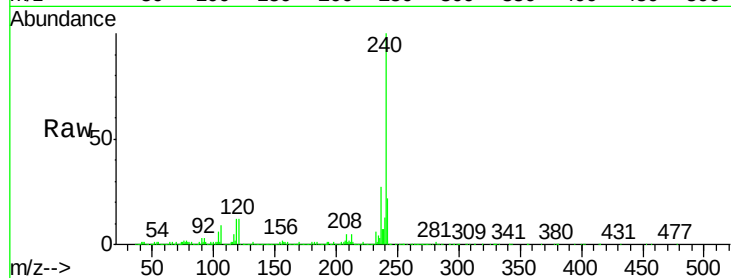
Tgt Ion:240 Resp: 1272583

Ion Ratio Lower Upper

240 100

120 12.1 4.1 6.1#

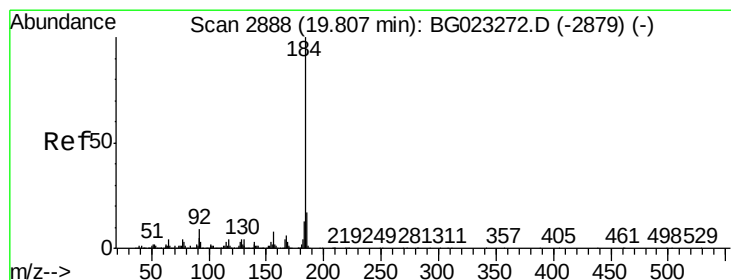
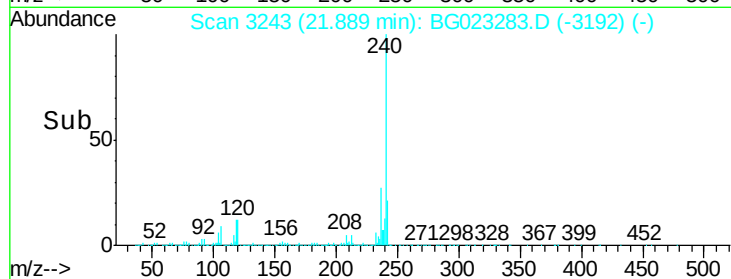
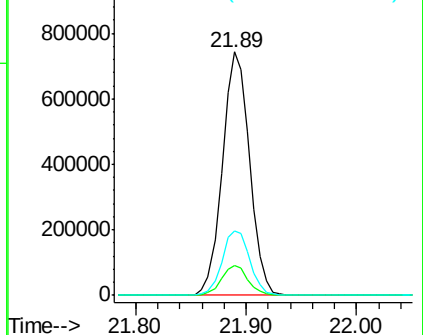
236 26.7 21.1 31.7



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: 0.05 ng

RT: 19.82 min Scan# 2890

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

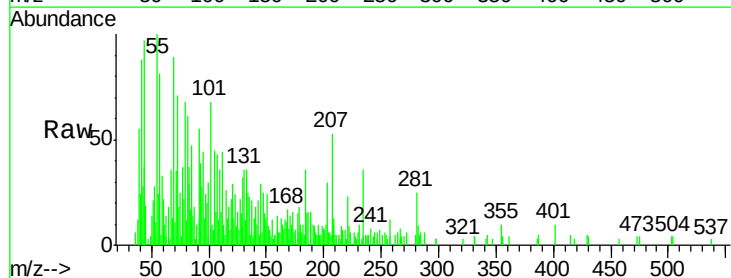
Tgt Ion:184 Resp: 1629

Ion Ratio Lower Upper

184 100

185 42.8 12.6 19.0#

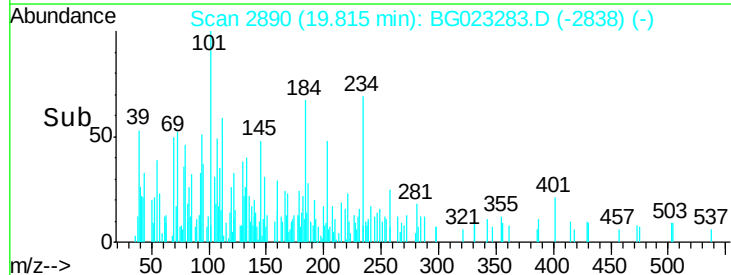
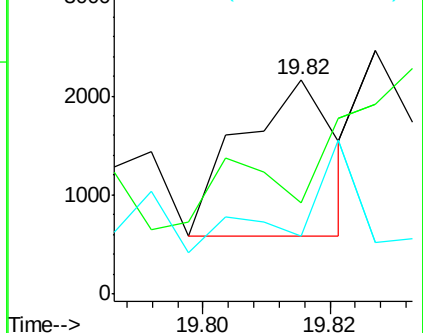
183 27.1 10.7 16.1#

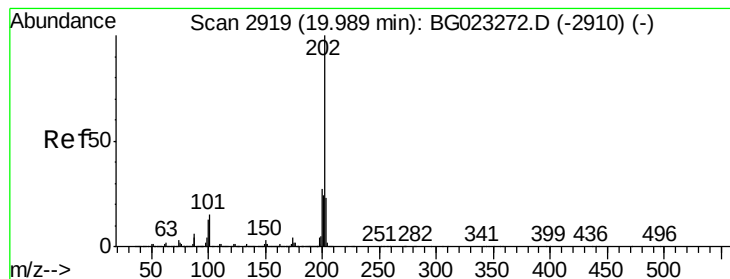


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 0.03 ng

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

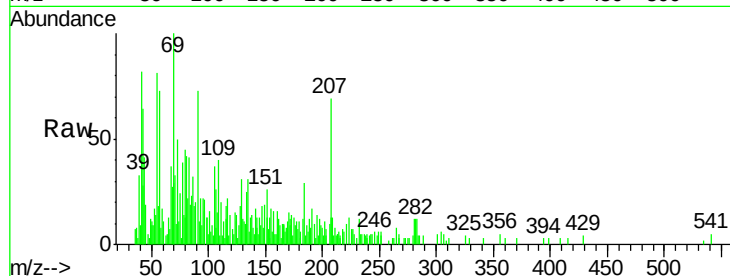
Tgt Ion:202 Resp: 1906

Ion Ratio Lower Upper

202 100

200 49.8 21.2 31.8#

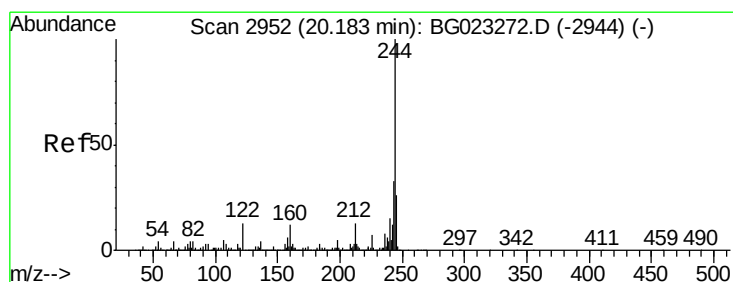
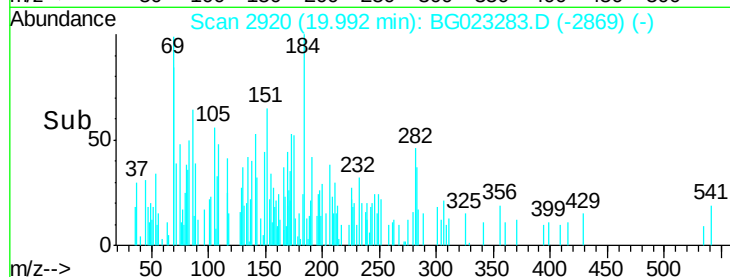
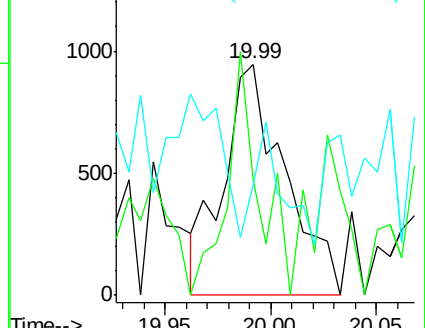
203 47.5 16.8 25.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.22 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

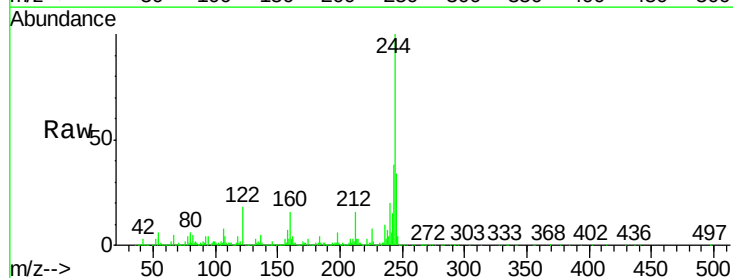
Tgt Ion:244 Resp: 3336276

Ion Ratio Lower Upper

244 100

212 15.5 10.8 16.2

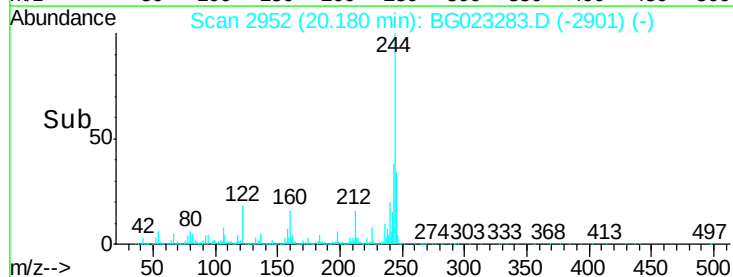
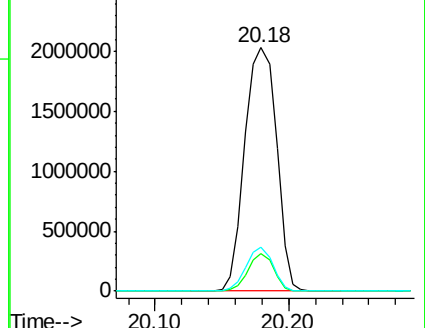
122 17.8 8.0 12.0#

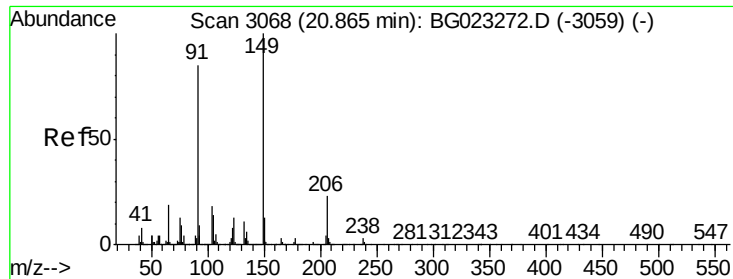


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

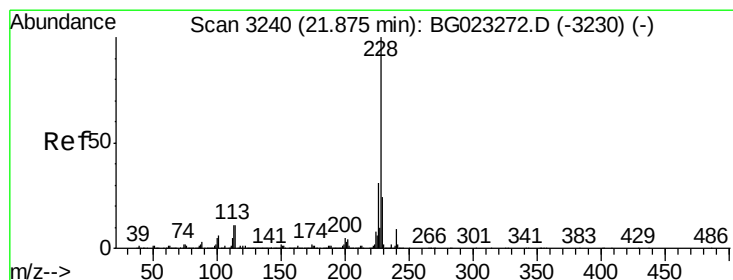
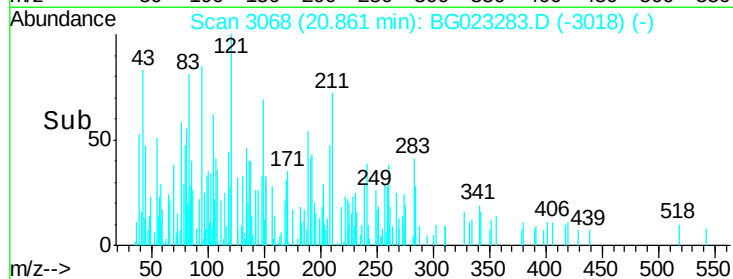
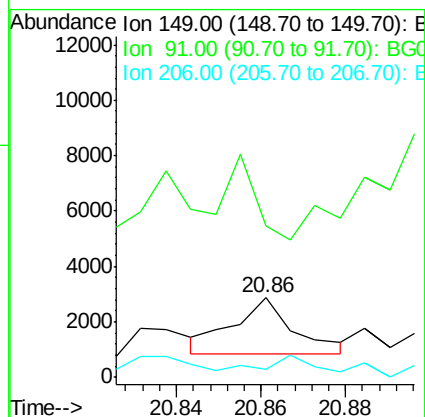
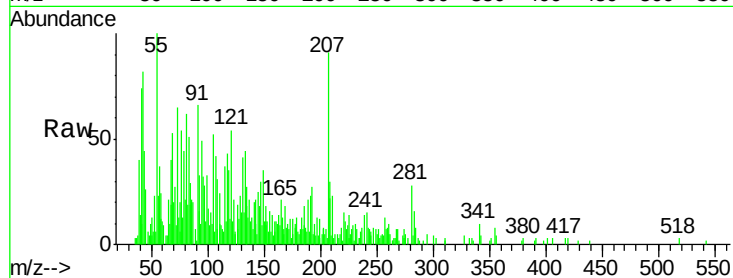




#79
Butylbenzylphthalate
Concen: 0.06 ng
RT: 20.86 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

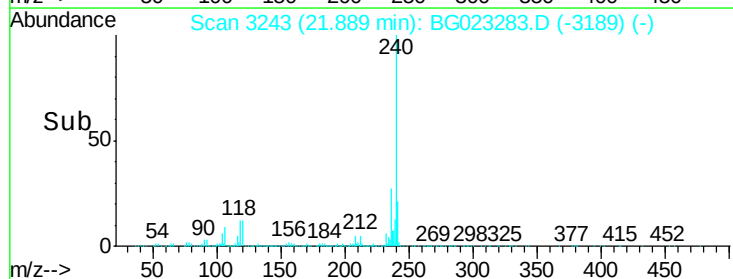
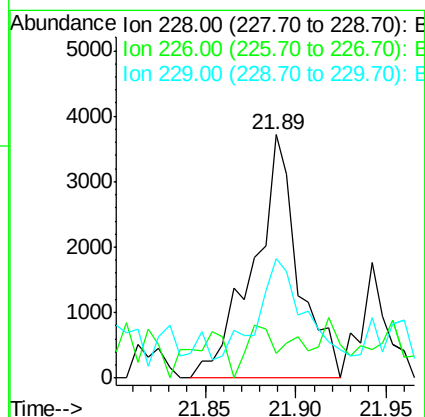
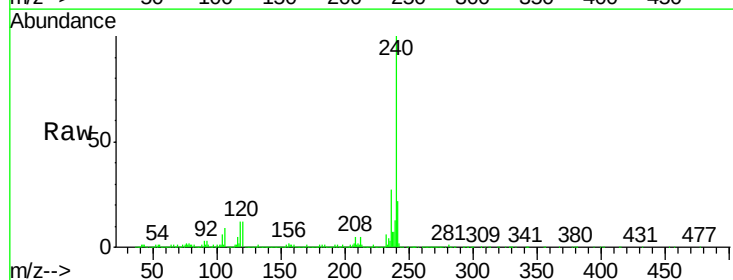
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

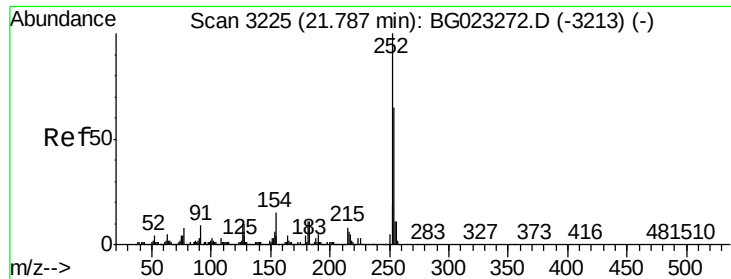
Tgt Ion:149 Resp: 2007
Ion Ratio Lower Upper
149 100
91 190.9 68.1 102.1#
206 10.0 19.8 29.6#



#80
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.02 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion:228 Resp: 6433
Ion Ratio Lower Upper
228 100
226 10.1 25.3 37.9#
229 48.9 19.9 29.9#

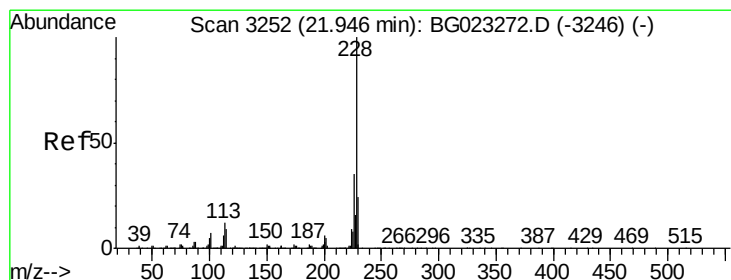
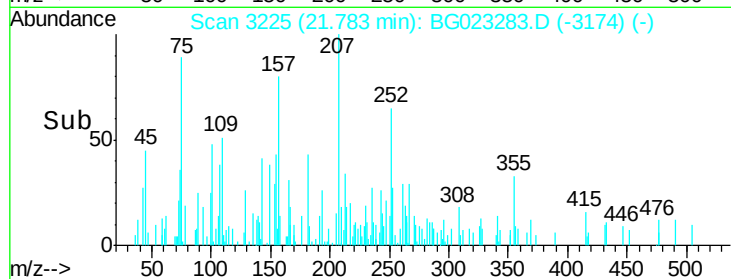
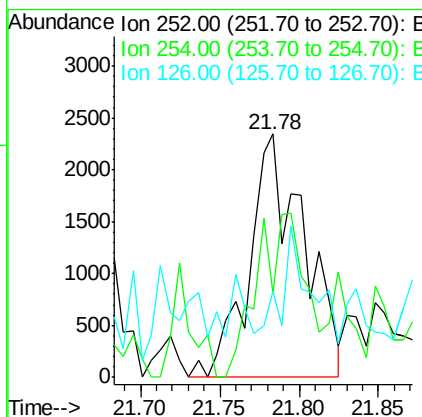
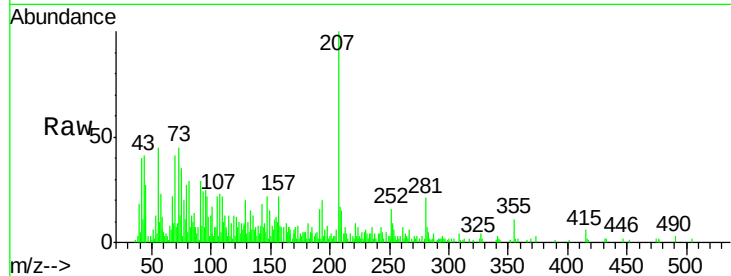




#81
 3,3'-Dichlorobenzidine
 Concen: 0.21 ng
 RT: 21.78 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

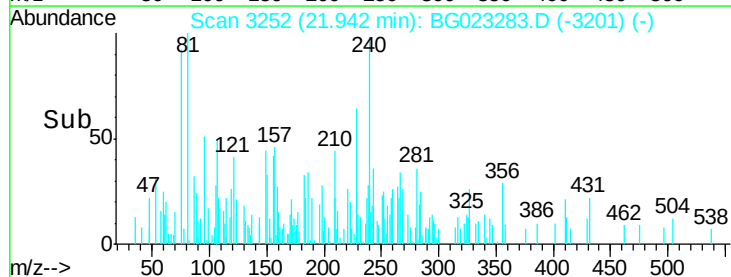
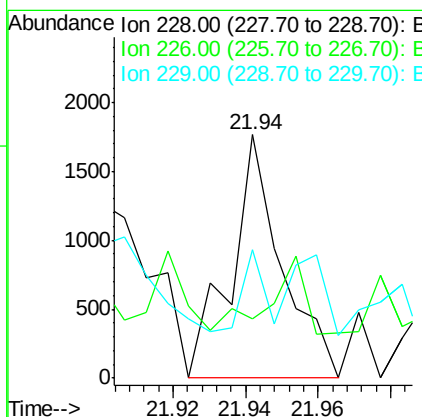
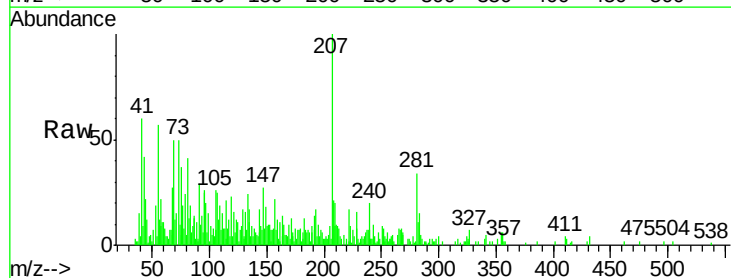
Instrument :
 BNA_G
 ClientSampleId :
 GW-12-5.5-15.0

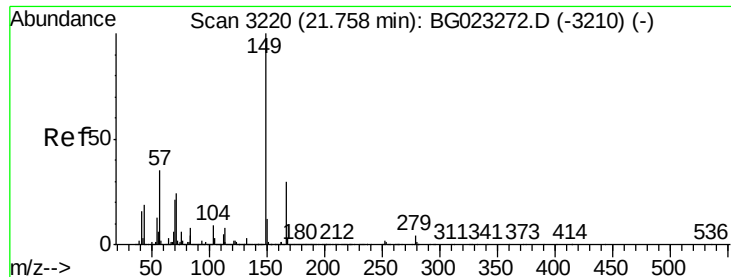
Tgt Ion: 252 Resp: 5575
 Ion Ratio Lower Upper
 252 100
 254 34.4 51.2 76.8#
 126 35.3 5.3 7.9#



#82
 Chrysene
 Concen: 0.03 ng
 RT: 21.94 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG023283.D
 Acq: 27 Jul 2016 15:02

Tgt Ion: 228 Resp: 1716
 Ion Ratio Lower Upper
 228 100
 226 24.6 26.7 40.1#
 229 52.5 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.75 min Scan# 3220

Delta R.T. 0.00 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

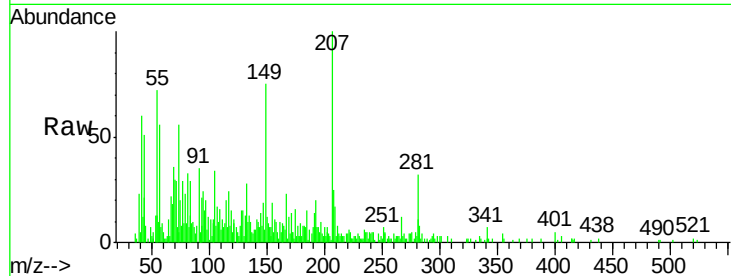
Tgt Ion:149 Resp: 13122

Ion Ratio Lower Upper

149 100

167 30.5 24.0 36.0

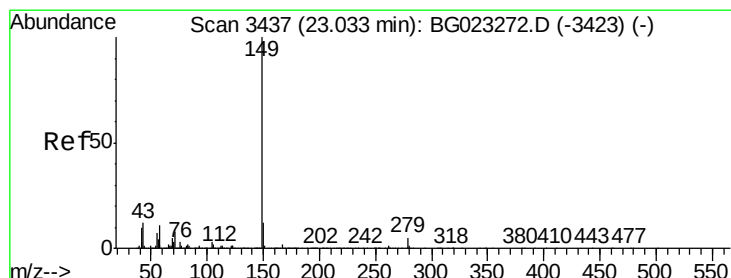
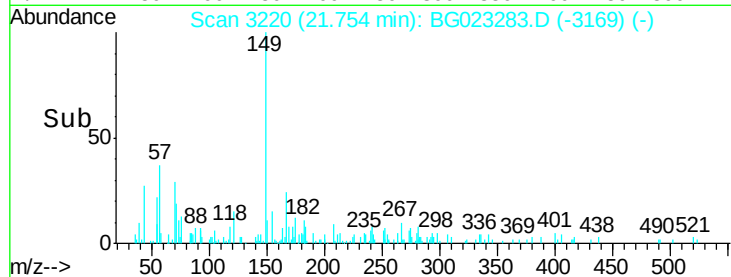
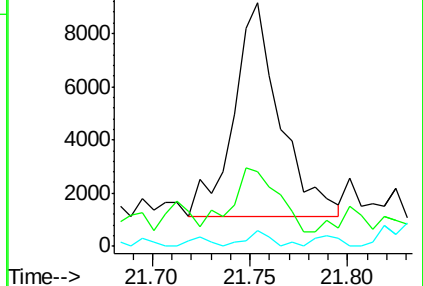
279 6.5 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.06 ng

RT: 23.03 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

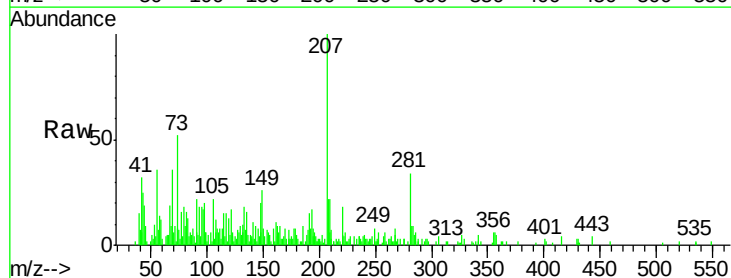
Tgt Ion:149 Resp: 4509

Ion Ratio Lower Upper

149 100

167 12.6 1.5 2.3#

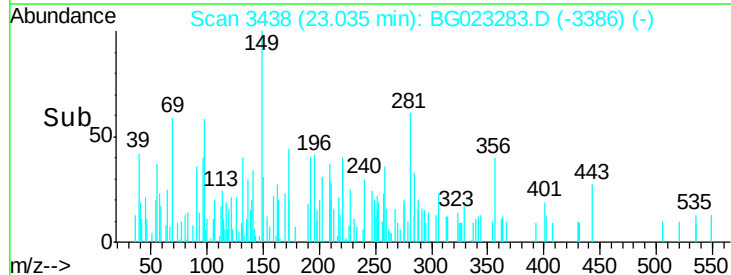
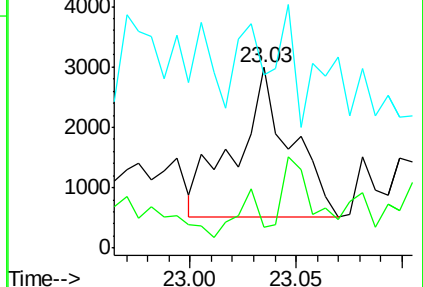
43 34.2 8.8 13.2#

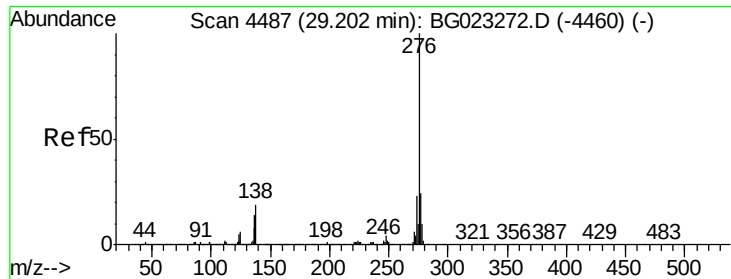


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

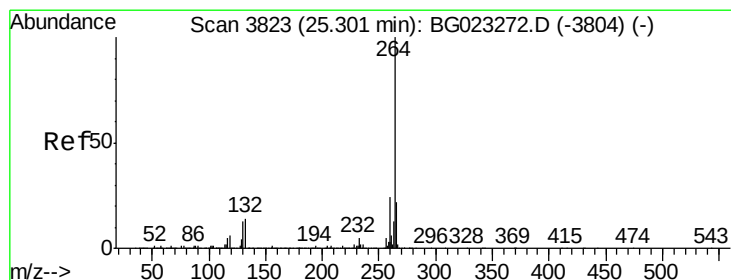
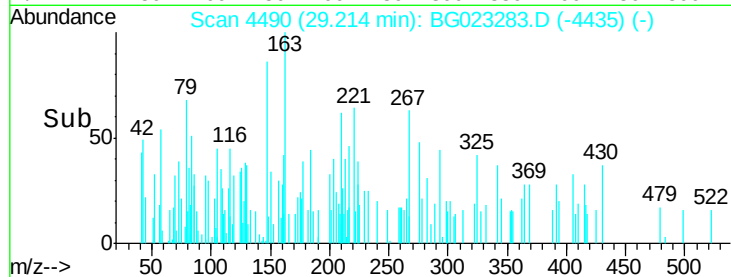
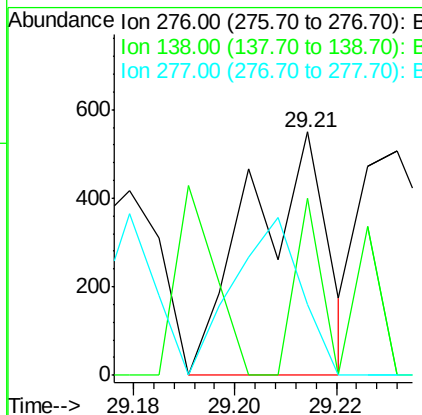
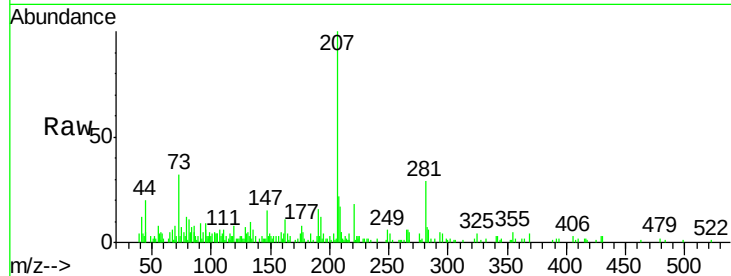




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng
RT: 29.21 min Scan# 4490
Delta R.T. 0.02 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

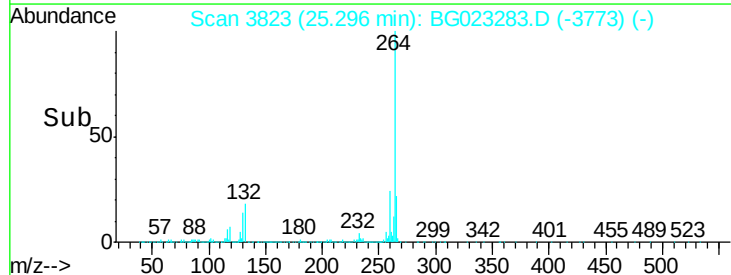
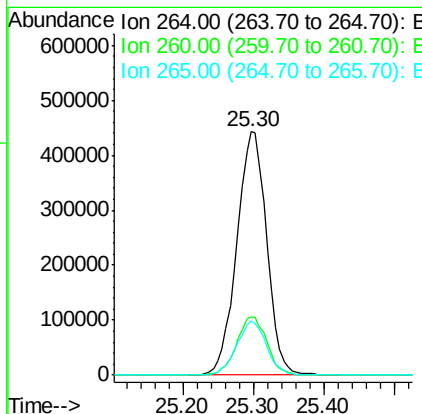
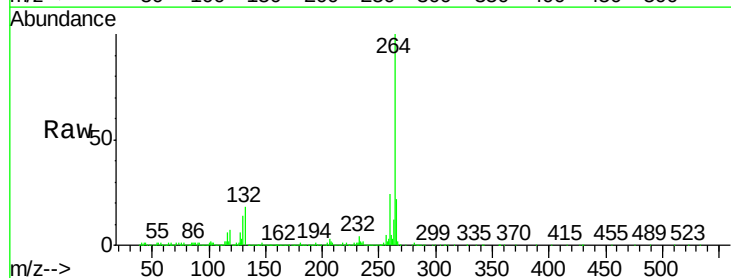
Instrument :
BNA_G
ClientSampleId :
GW-12-5.5-15.0

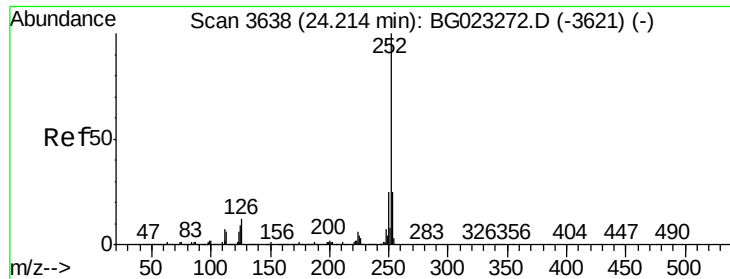
Tgt Ion: 276 Resp: 577
Ion Ratio Lower Upper
276 100
138 44.9 0.0 0.0#
277 57.4 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023283.D
Acq: 27 Jul 2016 15:02

Tgt Ion: 264 Resp: 1301888
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.4 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 0.01 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

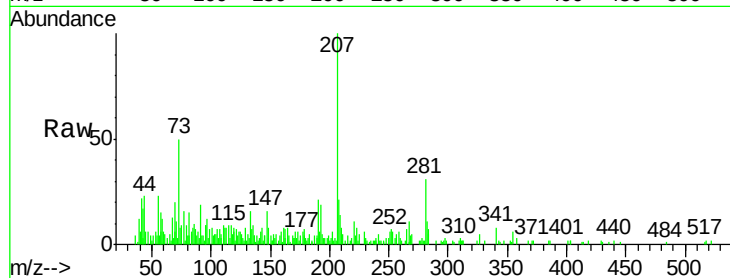
Tgt Ion:252 Resp: 977

Ion Ratio Lower Upper

252 100

253 89.7 18.9 28.3#

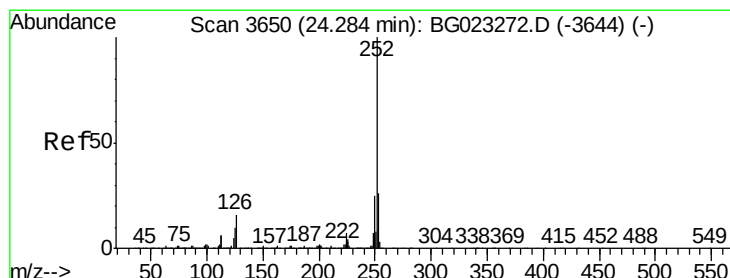
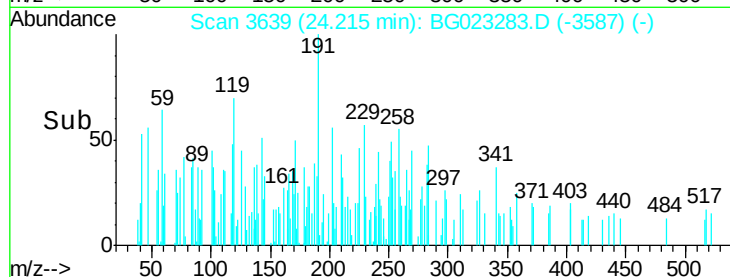
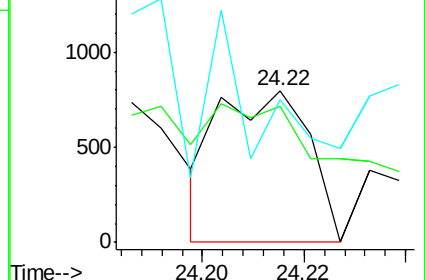
125 93.7 3.9 5.9#



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



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 24.26 min Scan# 3647

Delta R.T. -0.02 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

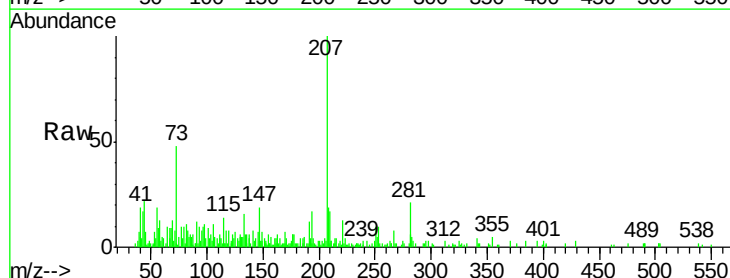
Tgt Ion:252 Resp: 462

Ion Ratio Lower Upper

252 100

253 185.0 18.8 28.2#

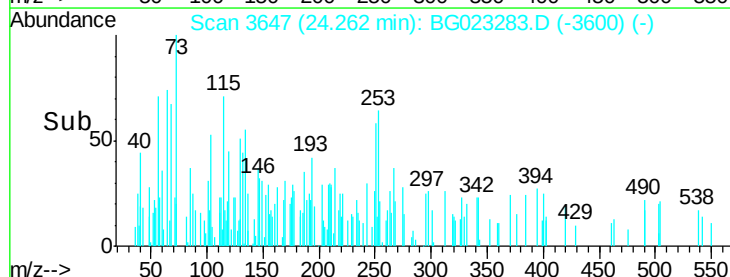
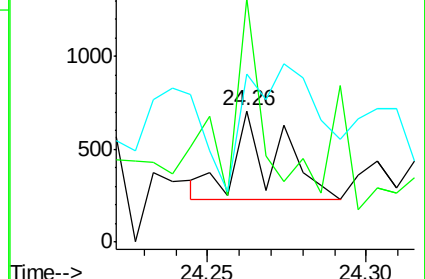
125 128.1 3.2 4.8#

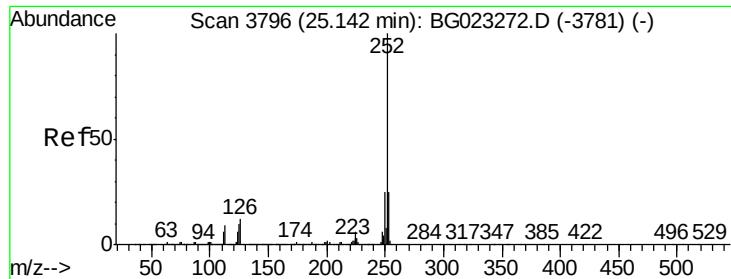


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.01 ng

RT: 25.11 min Scan# 3792

Delta R.T. -0.02 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0

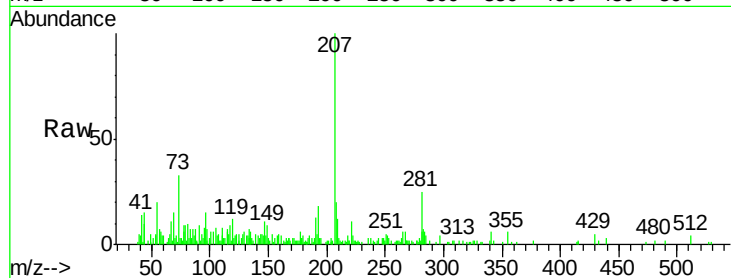
Tgt Ion:252 Resp: 656

Ion Ratio Lower Upper

252 100

253 70.0 18.7 28.1#

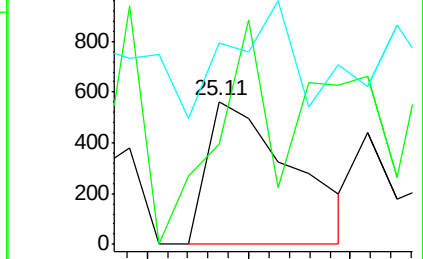
125 140.4 3.9 5.9#



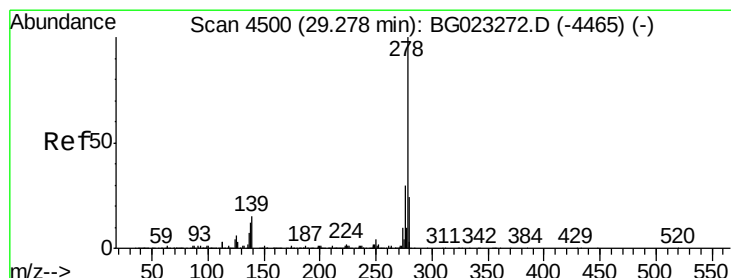
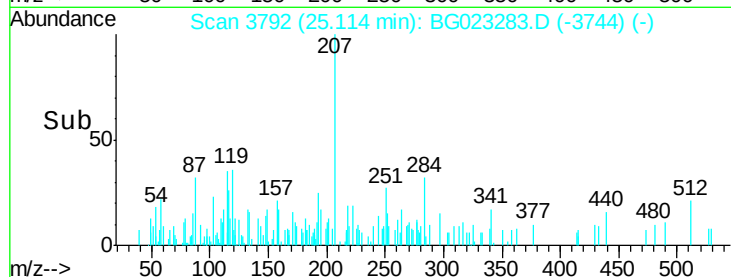
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 29.25 min Scan# 4496

Delta R.T. -0.01 min

Lab File: BG023283.D

Acq: 27 Jul 2016 15:02

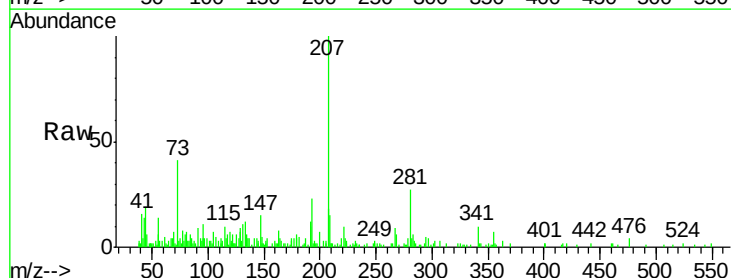
Tgt Ion:278 Resp: 719

Ion Ratio Lower Upper

278 100

139 27.1 4.7 7.1#

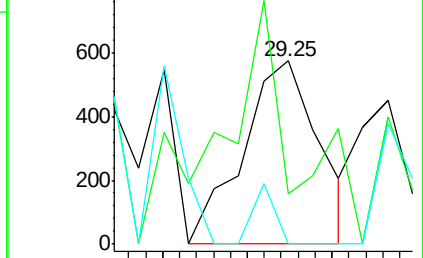
279 0.0 18.3 27.5#



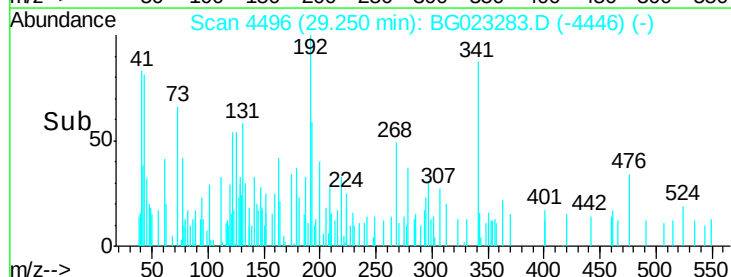
Abundance Ion 278.00 (277.70 to 278.70): E

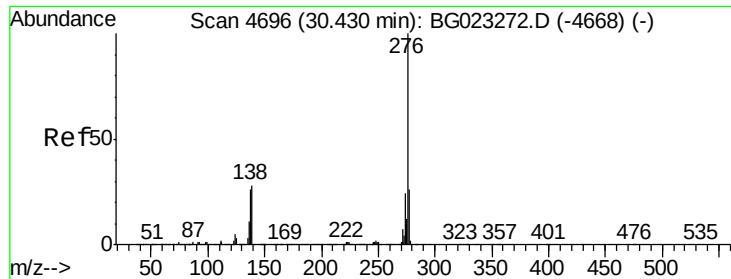
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 30.41 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BG023283.D

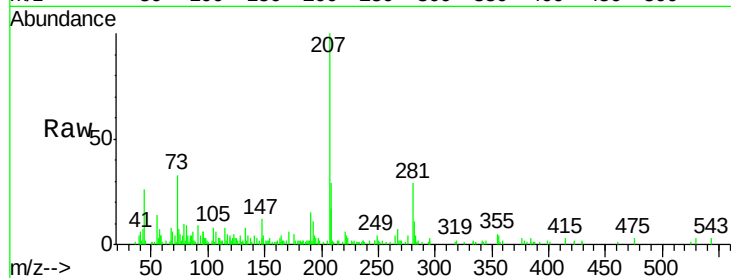
Acq: 27 Jul 2016 15:02

Instrument :

BNA_G

ClientSampleId :

GW-12-5.5-15.0



Tgt Ion:	276	Resp:	620
Ion Ratio	Lower	Upper	
276	100		
277	0.0	18.6	27.8#
138	24.1	6.8	10.2#

