

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023282.D
 Acq On : 27 Jul 2016 14:22
 Operator : UM/SJ
 Sample : H4152-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-11-5.0-15.0

Quant Time: Jul 28 01:07:47 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	8.13	152	204736	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	859164	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	561585	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1276719	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1255302	20.00	ng	0.00
86) Perylene-d12	25.30	264	1305077	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1015564	84.68	ng	0.00
7) Phenol-d6	7.28	99	1086487	59.01	ng	0.00
23) Nitrobenzene-d5	9.31	82	1576858	89.75	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	915322	157.47	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2949176	98.29	ng	0.00
78) Terphenyl-d14	20.18	244	3369365	87.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	459	0.09	ng	# 1
3) Pyridine	3.96	79	217	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	283	0.03	ng	# 1
6) Aniline	7.44	93	213	0.01	ng	# 1
8) 2-Chlorophenol	7.70	128	571	0.04	ng	# 1
9) Benzaldehyde	7.28	77	3398	0.26	ng	# 26
10) Phenol	7.31	94	5002	0.26	ng	# 78
11) bis(2-Chloroethyl)ether	7.54	93	264	0.02	ng	# 26
12) 1,3-Dichlorobenzene	7.99	146	95	0.01	ng	# 38
13) 1,4-Dichlorobenzene	8.17	146	492	0.03	ng	# 78
14) 1,2-Dichlorobenzene	8.48	146	280	0.02	ng	# 1
15) Benzyl Alcohol	8.45	79	28673	2.31	ng	# 63
16) 2,2'-oxybis(1-Chloropropan	8.65	45	326	0.01	ng	# 1
17) 2-Methylphenol	8.59	107	521	0.04	ng	# 77
18) Hexachloroethane	9.26	117	1354	0.21	ng	# 35
19) n-Nitroso-di-n-propylamine	8.93	70	376	0.02	ng	# 43
20) 3+4-Methylphenols	8.90	107	139	0.01	ng	# 1
22) Acetophenone	8.95	105	2623	0.12	ng	# 80
24) Nitrobenzene	9.39	77	315	0.02	ng	# 50
25) Isophorone	9.87	82	1560	0.04	ng	# 29
26) 2-Nitrophenol	10.09	139	111	0.01	ng	# 15
27) 2,4-Dimethylphenol	10.33	122	1055306	81.25	ng	# 1
28) bis(2-Chloroethoxy)methane	10.37	93	675	0.03	ng	# 1
29) 2,4-Dichlorophenol	10.60	162	81	0.01	ng	# 60
30) 1,2,4-Trichlorobenzene	10.92	180	153	0.01	ng	# 46
31) Naphthalene	11.03	128	1530	0.04	ng	# 67
32) Benzoic acid	10.33	122	1055306	91.04	ng	# 90
33) 4-Chloroaniline	11.12	127	55	0.00	ng	# 1
35) Caprolactam	11.98	113	222	0.04	ng	# 91
36) 4-Chloro-3-methylphenol	12.24	107	256	0.02	ng	# 26
37) 2-Methylnaphthalene	12.62	142	1037	0.04	ng	# 64
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	224	0.01	ng	# 18
40) Hexachlorocyclopentadiene	13.04	237	94	0.01	ng	# 26
42) 2,4,6-Trichlorophenol	13.23	196	227	0.02	ng	# 11

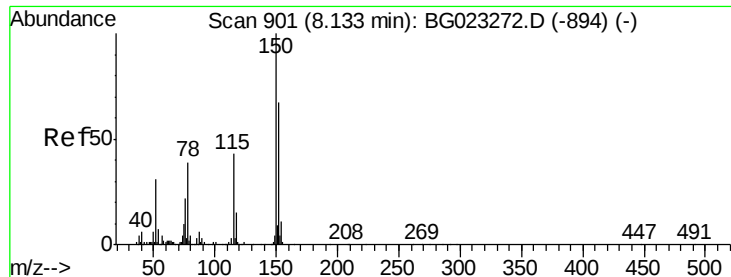
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
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Quant Time: Jul 28 01:07:47 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.33	196	199	0.02	ng	# 1
45) 1,1'-Biphenyl	13.63	154	839	0.02	ng	# 42
46) 2-Chloronaphthalene	13.68	162	160	0.01	ng	# 38
47) 2-Nitroaniline	13.89	65	430	0.03	ng	# 16
48) Acenaphthylene	14.53	152	304	0.01	ng	# 1
49) Dimethylphthalate	14.25	163	194894	4.70	ng	98
50) 2,6-Dinitrotoluene	14.19	165	72	0.01	ng	95
51) Acenaphthene	14.89	154	303	0.01	ng	# 63
52) 3-Nitroaniline	14.72	138	79	0.01	ng	# 1
53) 2,4-Dinitrophenol	14.93	184	139	0.02	ng	# 39
54) Dibenzofuran	15.21	168	481	0.01	ng	# 65
55) 4-Nitrophenol	15.03	139	345	0.04	ng	# 1
56) 2,4-Dinitrotoluene	15.15	165	281	0.02	ng	# 8
57) Fluorene	15.85	166	244	0.01	ng	# 4
58) 2,3,4,6-Tetrachlorophenol	15.45	232	151	0.02	ng	# 1
59) Diethylphthalate	15.61	149	3727	0.09	ng	# 73
60) 4-Chlorophenyl-phenylether	15.85	204	92	0.00	ng	# 26
61) 4-Nitroaniline	15.88	138	199	0.02	ng	# 29
62) Azobenzene	16.17	77	1643	0.04	ng	# 49
64) 4,6-Dinitro-2-methylphenol	15.94	198	67	0.01	ng	# 5
65) n-Nitrosodiphenylamine	16.31	169	39634	1.16	ng	# 44
66) 4-Bromophenyl-phenylether	16.74	248	75	0.01	ng	# 1
67) Hexachlorobenzene	16.89	284	74	0.01	ng	# 40
68) Atrazine	17.02	200	66	0.01	ng	# 42
69) Pentachlorophenol	17.22	266	737	0.09	ng	# 42
70) Phenanthrene	17.62	178	1489	0.03	ng	# 77
71) Anthracene	17.72	178	642	0.01	ng	# 47
72) Carbazole	17.98	167	1093	0.02	ng	# 65
73) Di-n-butylphthalate	18.52	149	6275	0.11	ng	# 93
74) Fluoranthene	19.62	202	1208	0.02	ng	# 11
76) Benzidine	19.81	184	9011	0.26	ng	# 16
77) Pyrene	19.99	202	1708	0.02	ng	# 12
79) Butylbenzylphthalate	20.87	149	708	0.02	ng	# 1
80) Benzo(a)anthracene	21.89	228	5485	0.08	ng	# 54
81) 3,3'-Dichlorobenzidine	21.79	252	1203	0.05	ng	# 77
82) Chrysene	21.94	228	945	0.01	ng	# 74
83) Bis(2-ethylhexyl)phthalate	21.75	149	11548	0.26	ng	97
84) Di-n-octyl phthalate	23.02	149	1516	0.02	ng	# 56
85) Indeno(1,2,3-cd)pyrene	29.19	276	529	0.01	ng	# 100
87) Benzo(b)fluoranthene	24.21	252	1329	0.02	ng	# 32
88) Benzo(k)fluoranthene	24.28	252	954	0.01	ng	# 32
89) Benzo(a)pyrene	25.16	252	607	0.01	ng	# 55
90) Dibenzo(a,h)anthracene	29.25	278	394	0.01	ng	# 10
91) Benzo(g,h,i)perylene	30.42	276	594	0.01	ng	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

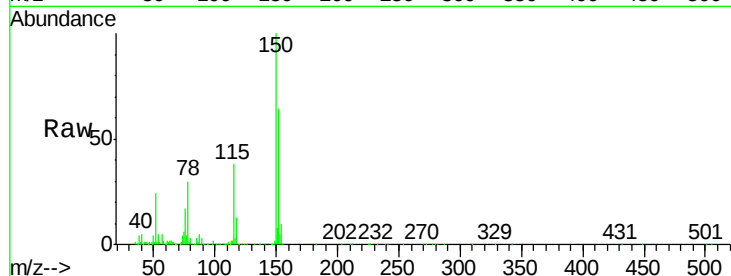
Tgt Ion:152 Resp: 204736

Ion Ratio Lower Upper

152 100

150 155.4 144.7 217.1

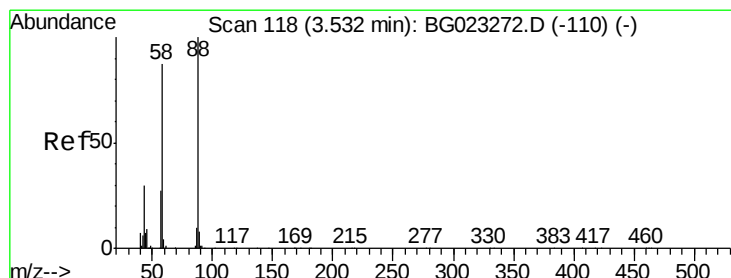
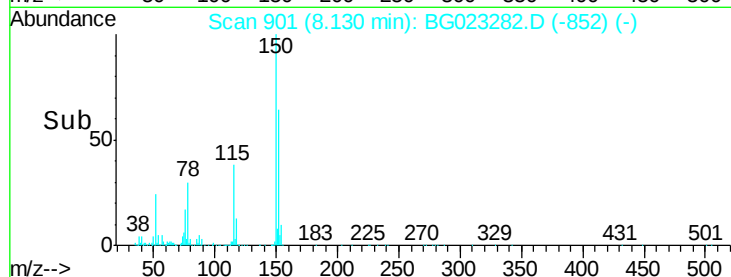
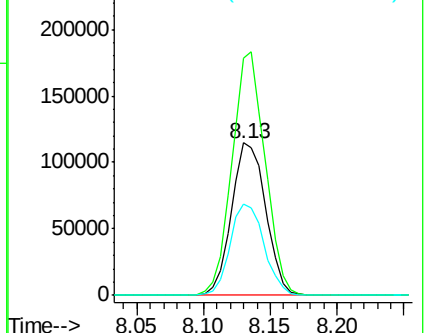
115 59.6 64.0 96.0#



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: 0.09 ng

RT: 3.55 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

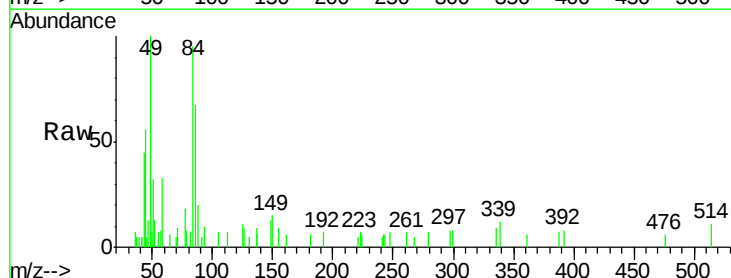
Tgt Ion: 88 Resp: 459

Ion Ratio Lower Upper

88 100

58 296.5 60.4 90.6#

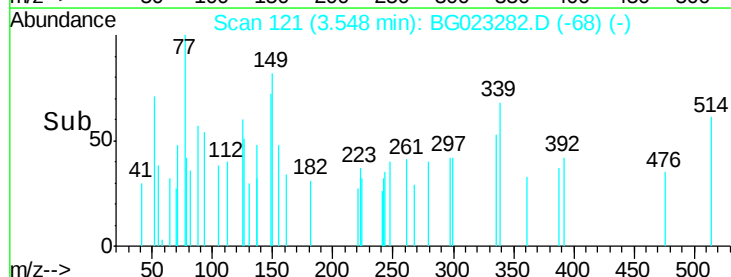
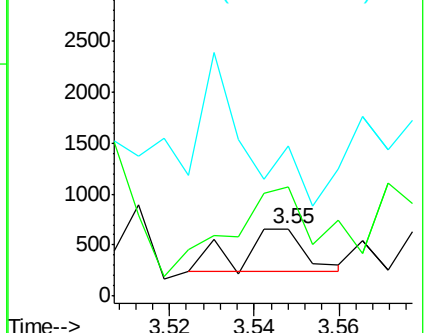
43 391.5 31.1 46.7#

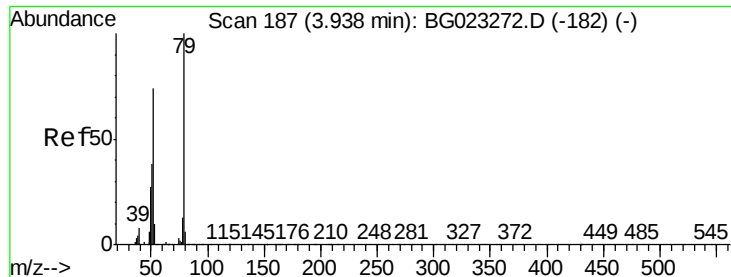


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.01 ng

RT: 3.96 min Scan# 191

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

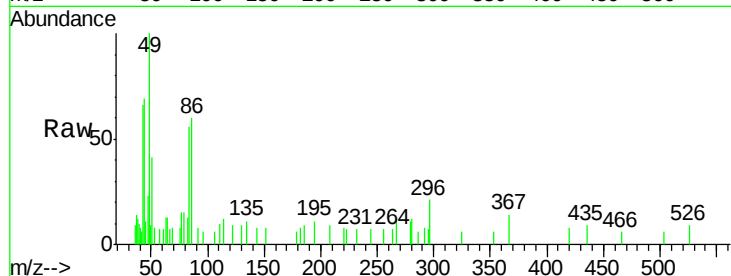
Tgt Ion: 79 Resp: 217

Ion Ratio Lower Upper

79 100

52 0.0 51.8 77.8#

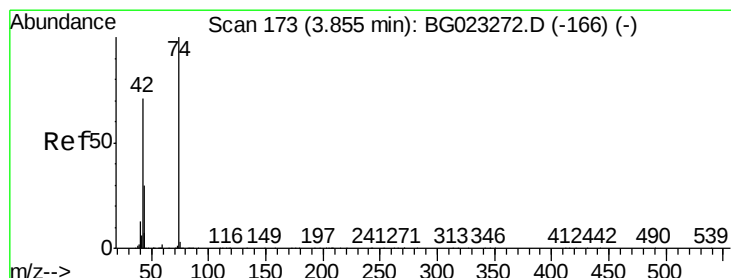
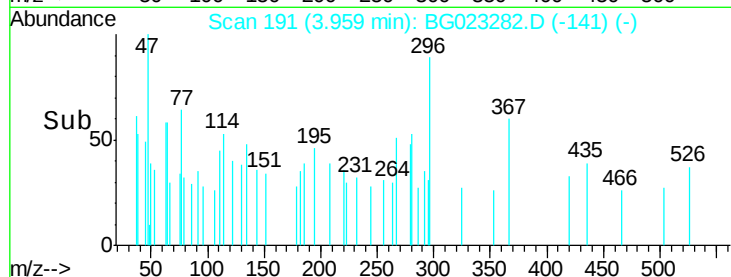
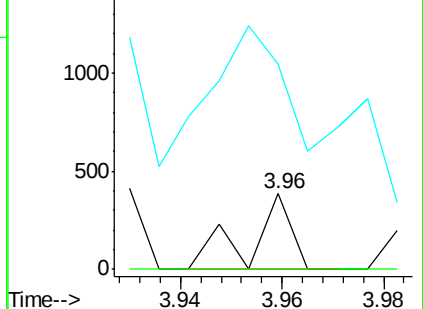
51 272.1 32.7 49.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.03 ng

RT: 3.86 min Scan# 174

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

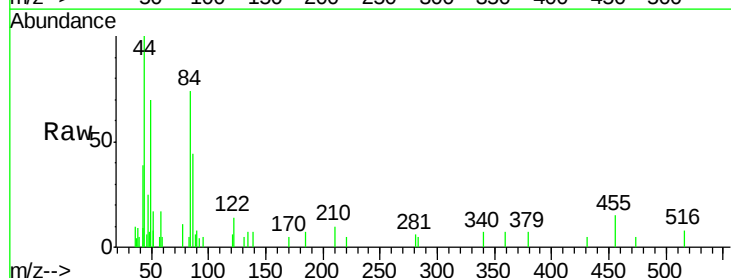
Tgt Ion: 42 Resp: 283

Ion Ratio Lower Upper

42 100

74 0.0 100.6 150.8#

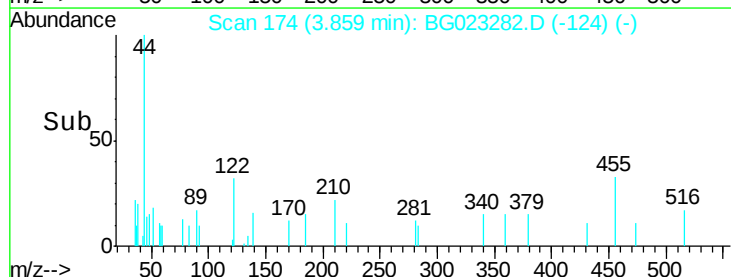
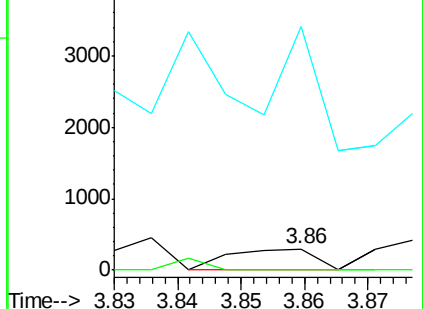
44 1147.1 4.5 6.7#

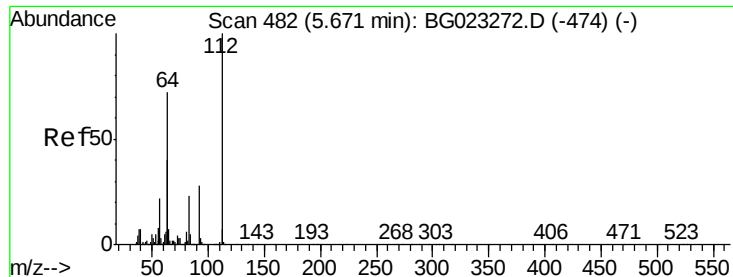


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.68 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

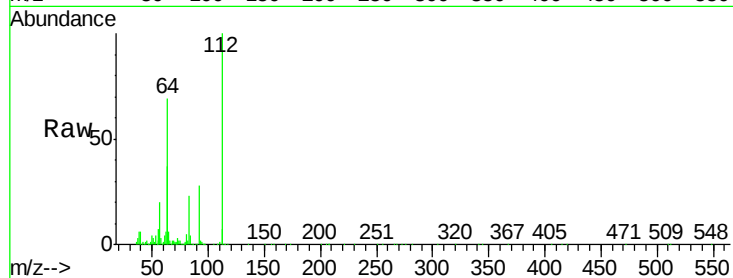
Tgt Ion: 112 Resp: 1015564

Ion Ratio Lower Upper

112 100

64 68.5 59.0 88.4

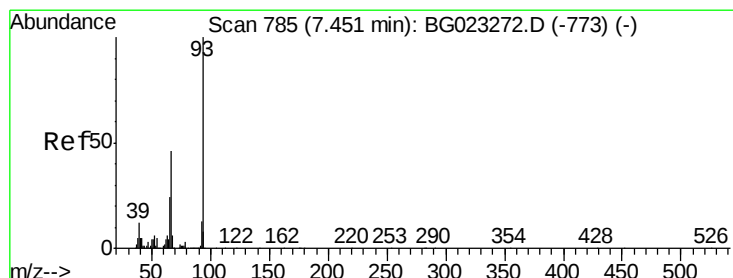
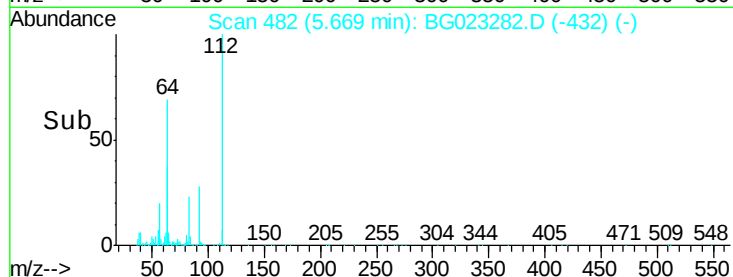
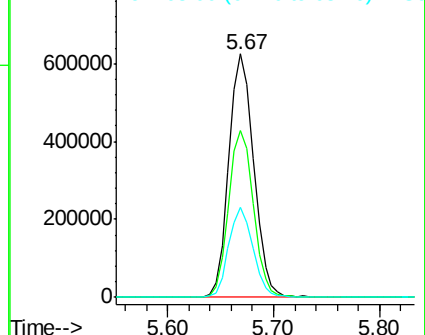
63 36.9 37.8 56.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.01 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

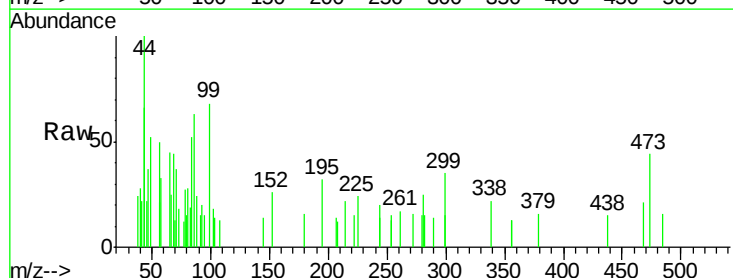
Tgt Ion: 93 Resp: 213

Ion Ratio Lower Upper

93 100

66 222.4 37.5 56.3#

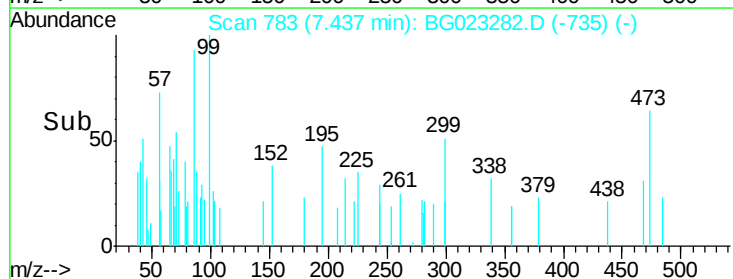
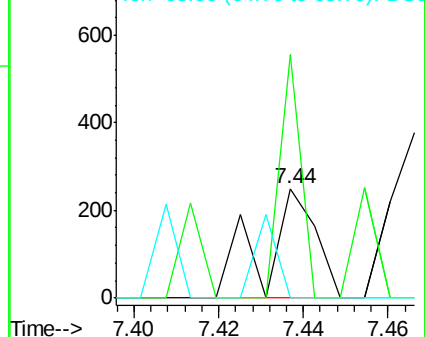
65 0.0 17.9 26.9#

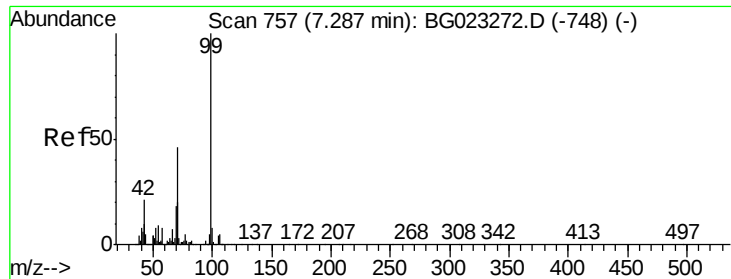


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 59.01 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

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ClientSampleId :

GW-11-5.0-15.0

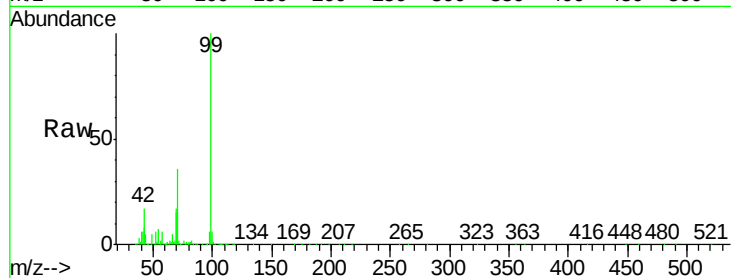
Tgt Ion: 99 Resp: 1086487

Ion Ratio Lower Upper

99 100

42 17.0 17.8 26.6#

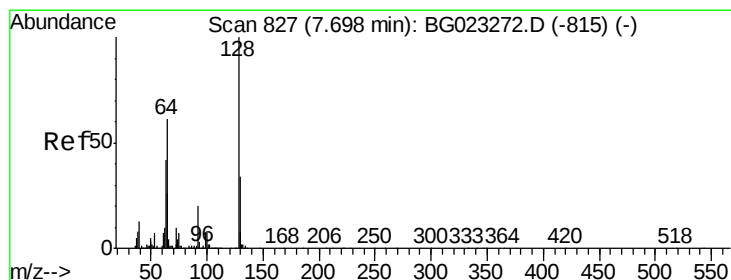
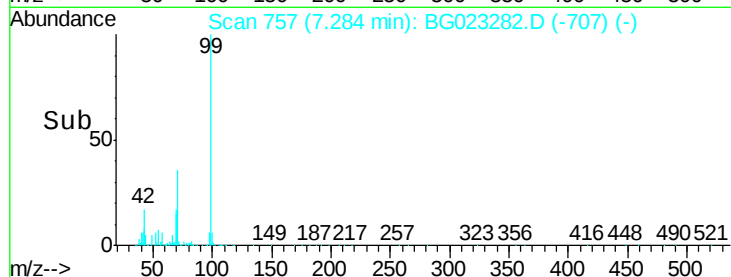
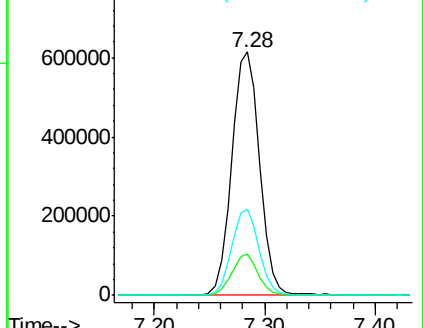
71 35.6 41.5 62.3#



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: 0.04 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

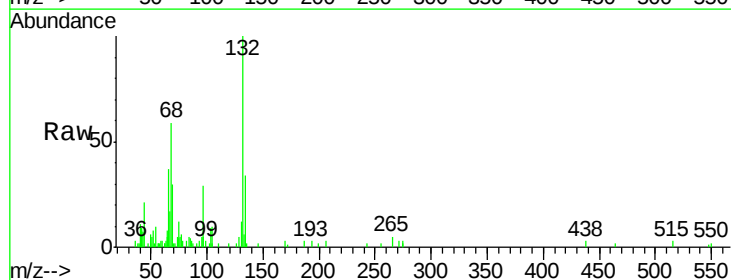
Tgt Ion: 128 Resp: 571

Ion Ratio Lower Upper

128 100

130 0.0 12.9 52.9#

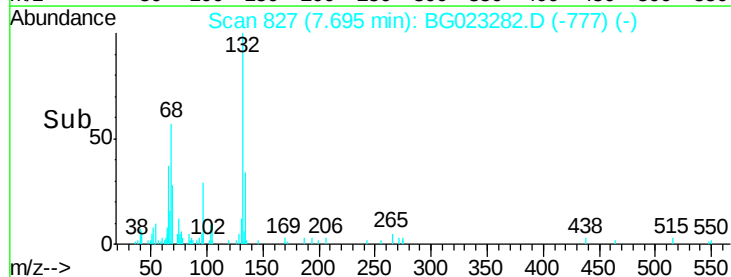
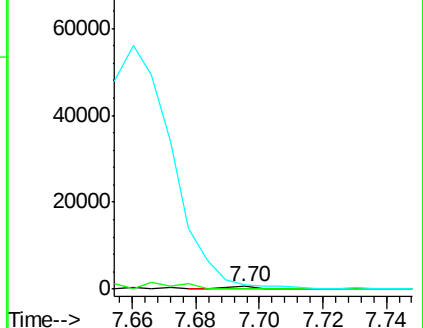
64 168.1 42.0 82.0#

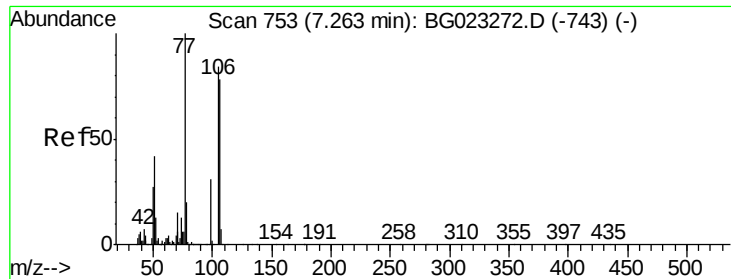


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.26 ng

RT: 7.28 min Scan# 757

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

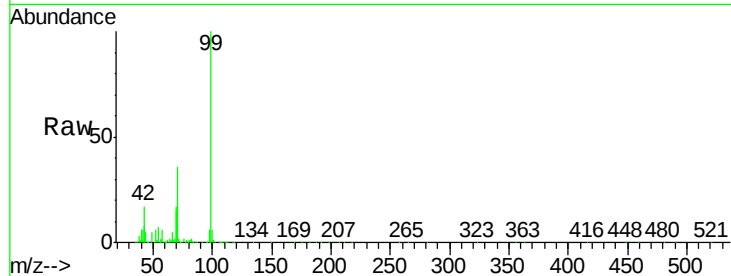
Tgt Ion: 77 Resp: 3398

Ion Ratio Lower Upper

77 100

105 18.3 58.7 98.7#

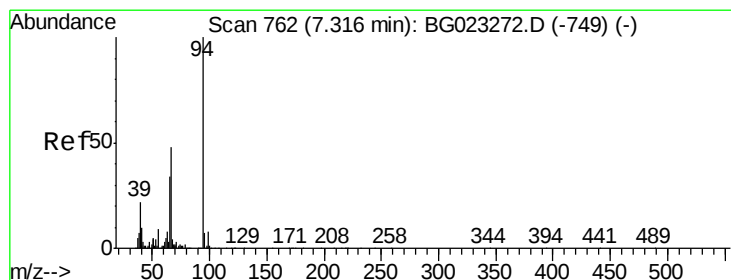
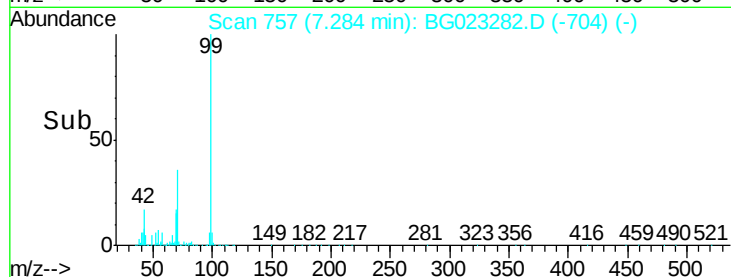
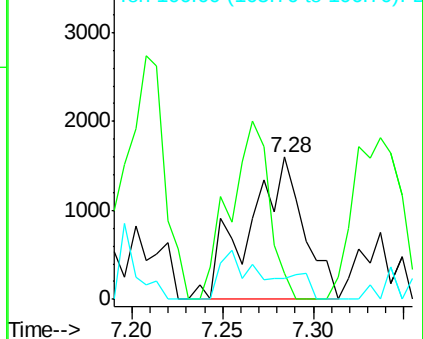
106 14.9 67.5 107.5#



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: 0.26 ng

RT: 7.31 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

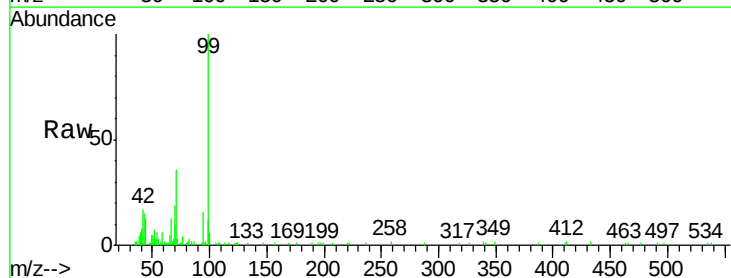
Tgt Ion: 94 Resp: 5002

Ion Ratio Lower Upper

94 100

65 28.8 18.1 58.1

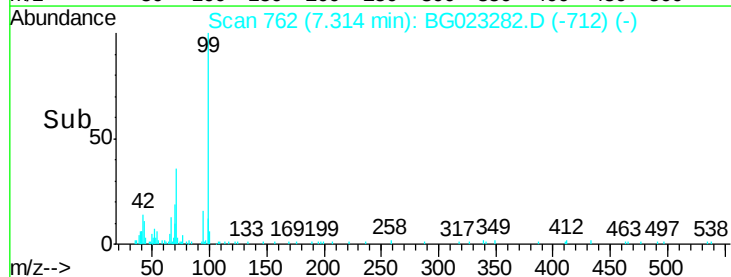
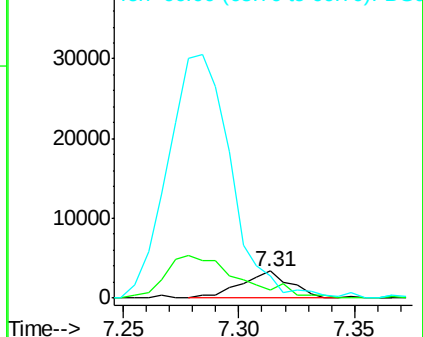
66 82.0 42.1 82.1

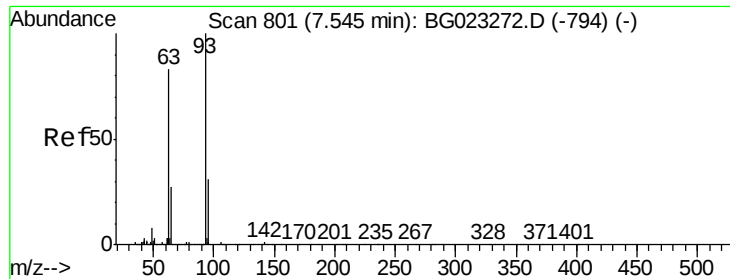


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

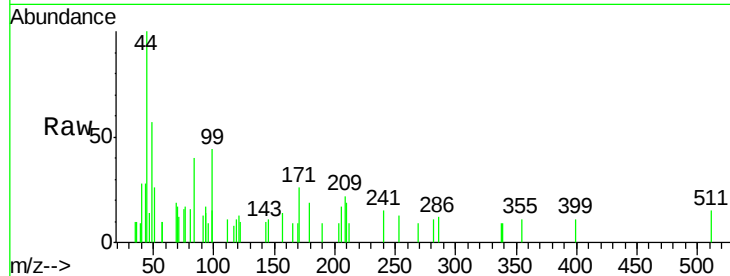




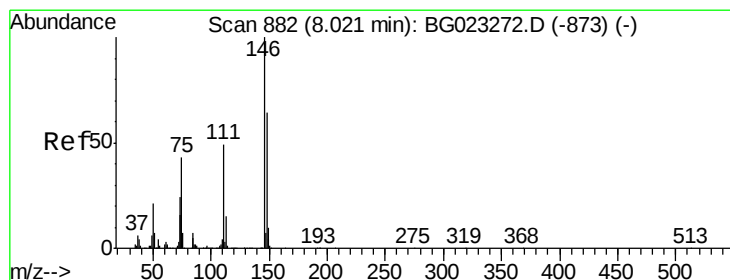
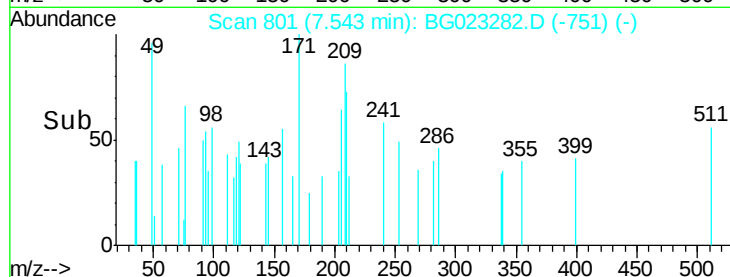
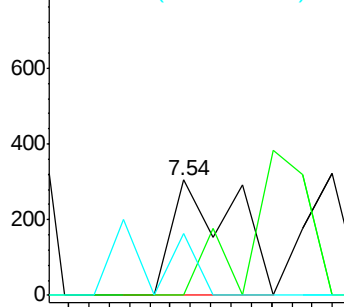
#11
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 7.54 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

Tgt Ion: 93 Resp: 264
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 53.8 11.0 51.0#

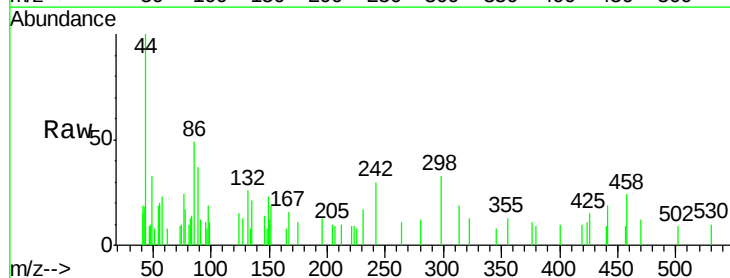


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

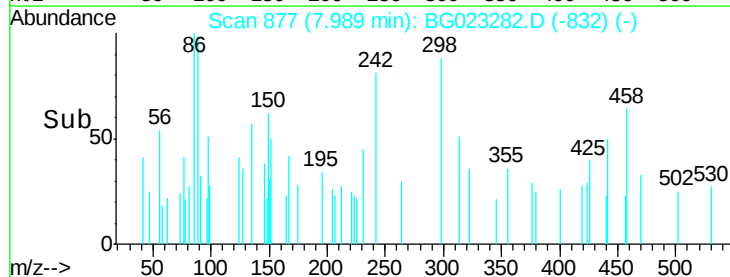
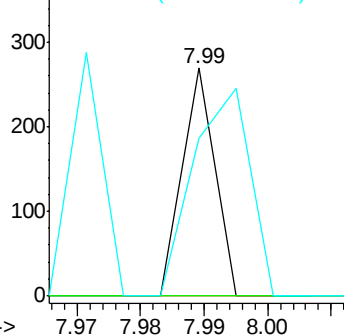


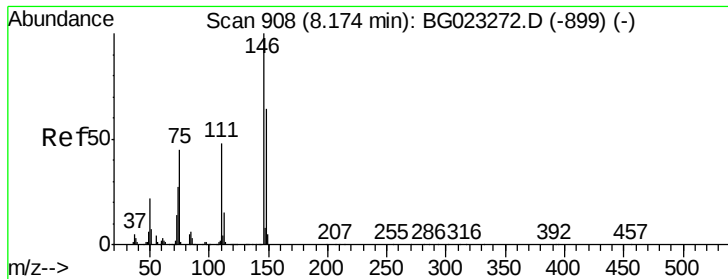
#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 7.99 min Scan# 877
Delta R.T. -0.03 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion: 146 Resp: 95
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 69.5 37.0 55.6#



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

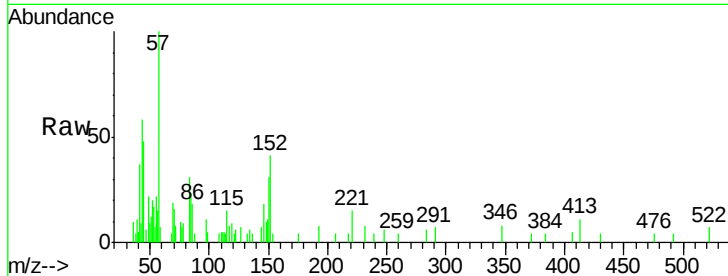




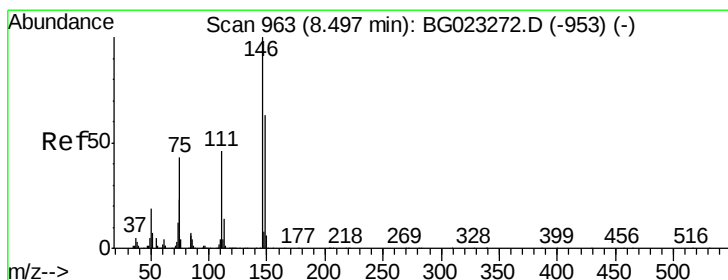
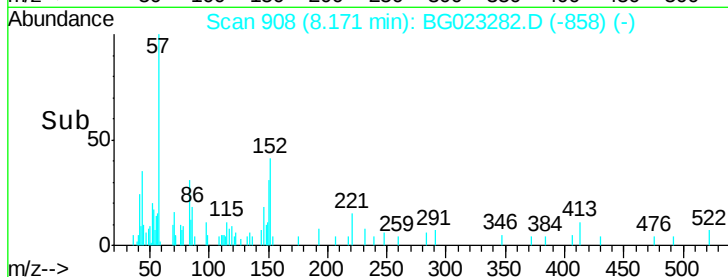
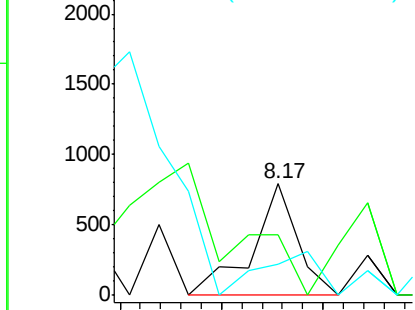
#13
 1,4-Dichlorobenzene
 Concen: 0.03 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

Instrument :
 BNA_G
 ClientSampleId :
 GW-11-5.0-15.0

Tgt Ion:146 Resp: 492
 Ion Ratio Lower Upper
 146 100
 148 54.5 54.5 81.7#
 111 27.7 37.8 56.8#

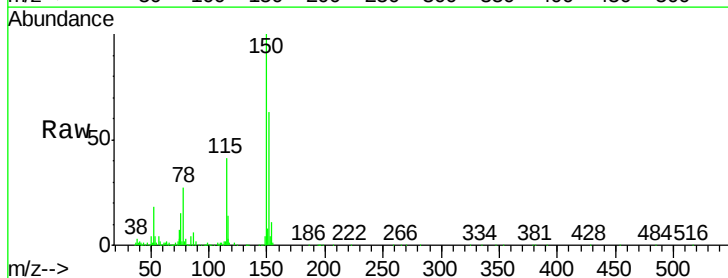


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

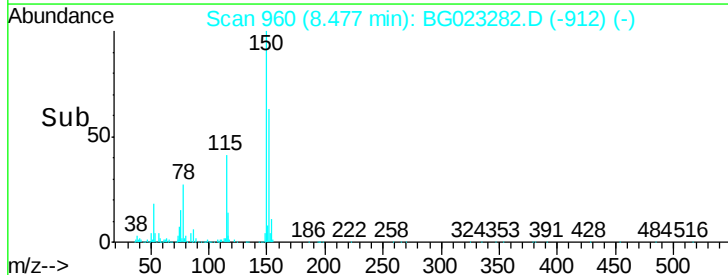
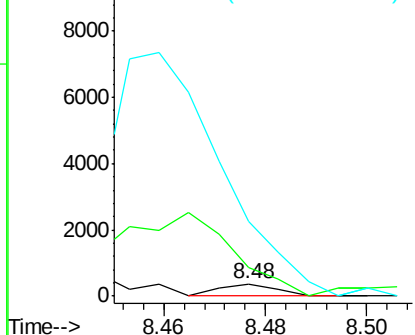


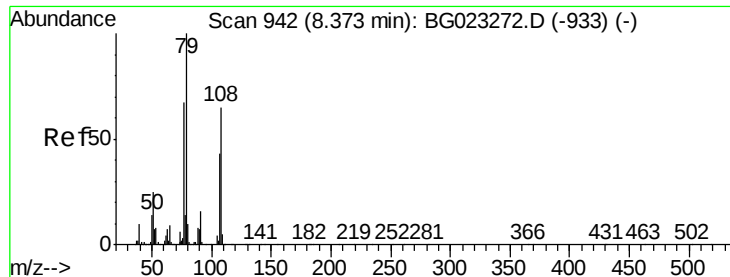
#14
 1,2-Dichlorobenzene
 Concen: 0.02 ng
 RT: 8.48 min Scan# 960
 Delta R.T. -0.02 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

Tgt Ion:146 Resp: 280
 Ion Ratio Lower Upper
 146 100
 148 238.5 52.9 79.3#
 111 624.1 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: 2.31 ng

RT: 8.45 min Scan# 956

Delta R.T. 0.07 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

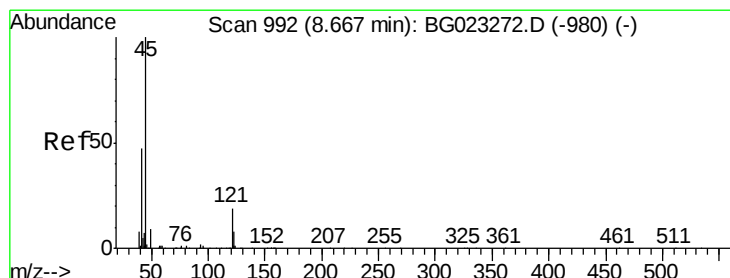
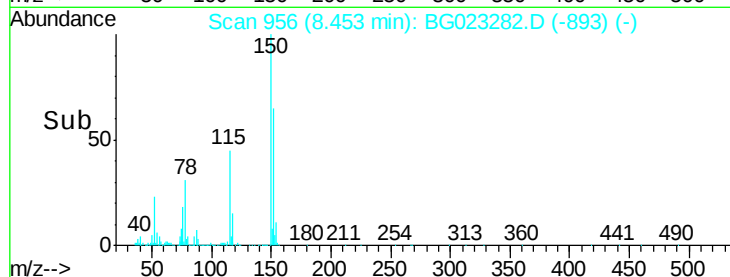
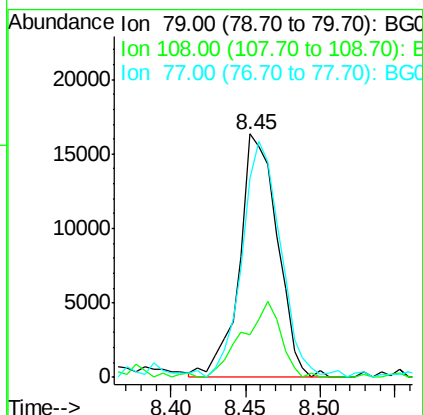
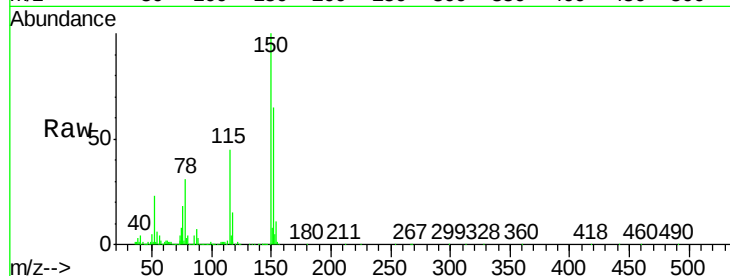
Tgt Ion: 79 Resp: 28673

Ion Ratio Lower Upper

79 100

108 17.3 46.5 69.7#

77 81.5 52.3 78.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 8.65 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

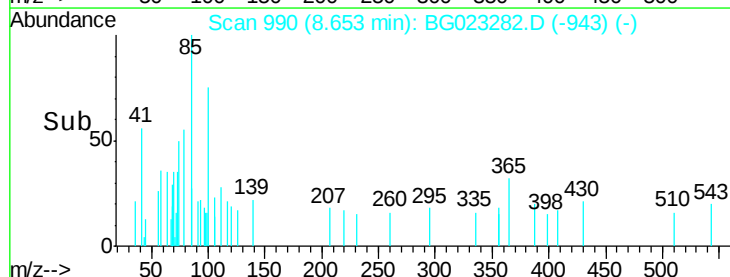
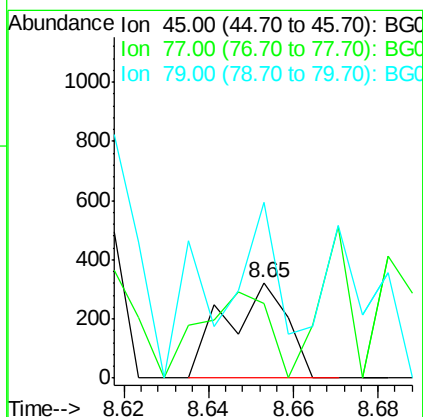
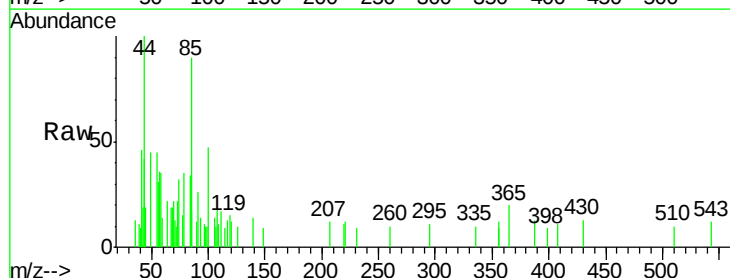
Tgt Ion: 45 Resp: 326

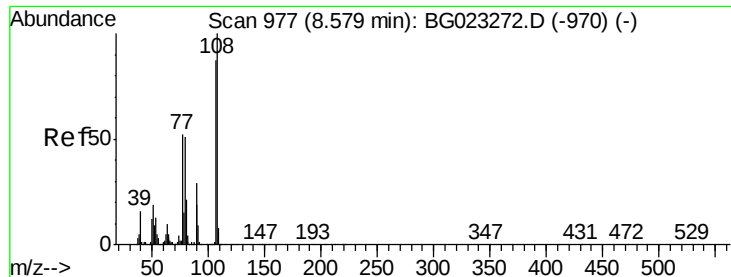
Ion Ratio Lower Upper

45 100

77 77.7 0.6 40.6#

79 184.2 0.0 36.2#





#17

2-Methylphenol

Concen: 0.04 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tgt Ion:107 Resp: 521

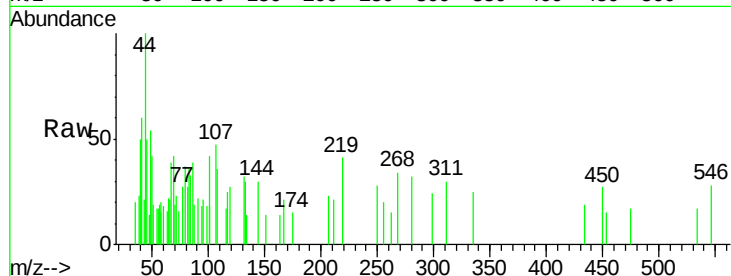
Ion Ratio Lower Upper

107 100

108 77.7 92.0 138.0#

77 56.9 55.8 83.6

79 78.7 55.0 82.6

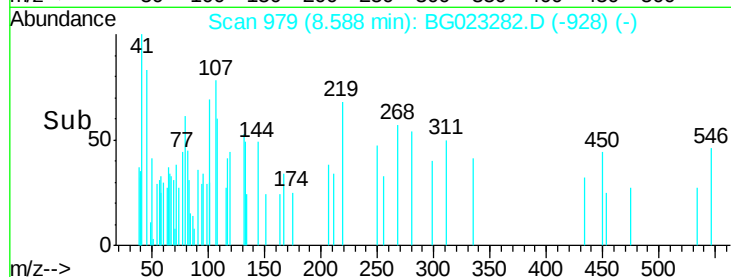


Abundance Ion 107.00 (106.70 to 107.70): E

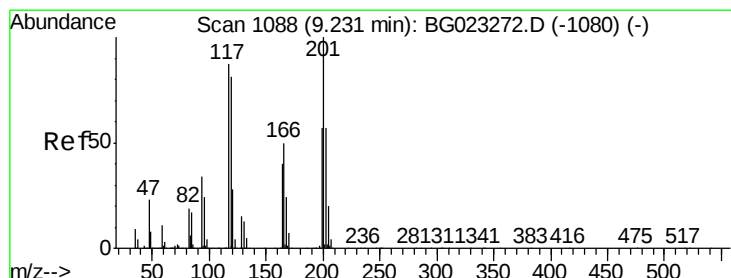
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.56 8.58 8.60 8.62



#18

Hexachloroethane

Concen: 0.21 ng

RT: 9.26 min Scan# 1093

Delta R.T. 0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

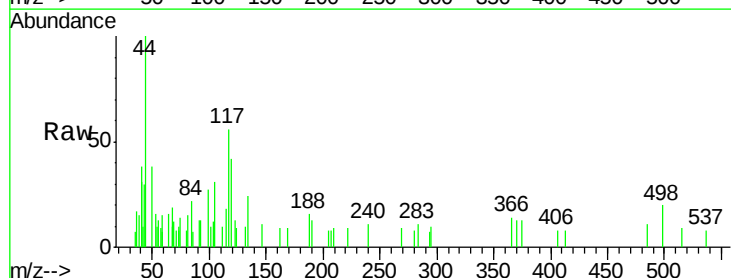
Tgt Ion:117 Resp: 1354

Ion Ratio Lower Upper

117 100

119 74.6 73.7 110.5

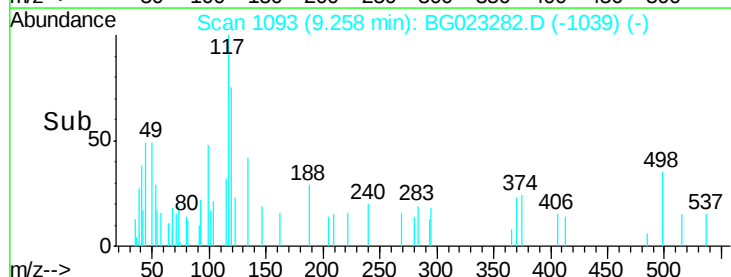
201 0.0 88.7 133.1#



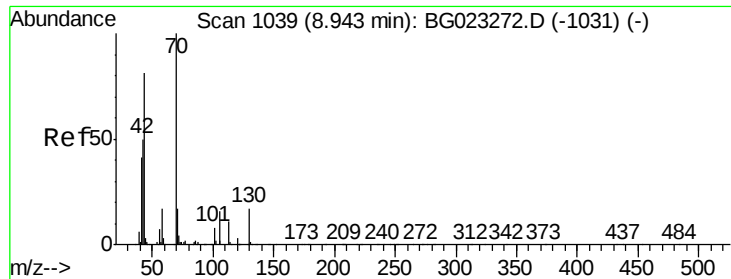
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



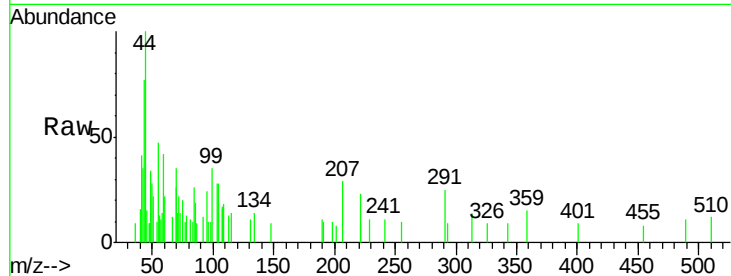
Time--> 9.20 9.22 9.24 9.26 9.28



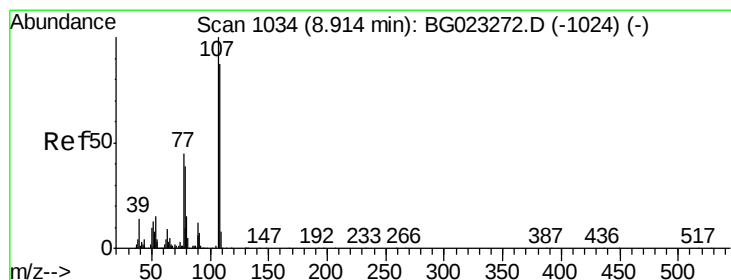
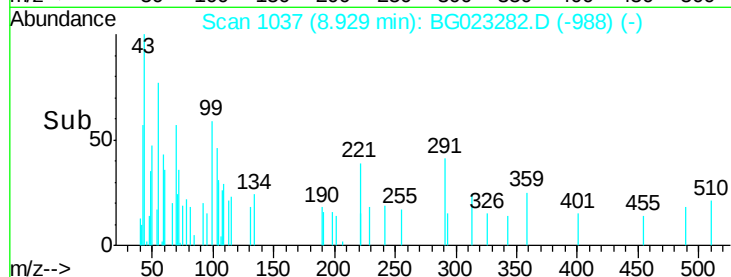
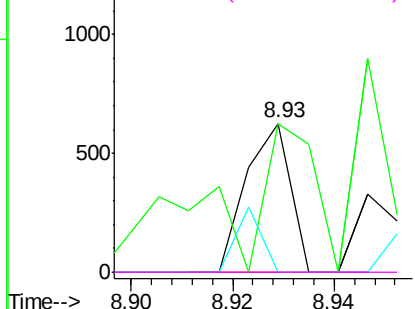
#19
n-Nitroso-di-n-propylamine
Concen: 0.02 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

Tgt Ion: 70 Resp: 376
Ion Ratio Lower Upper
70 100
42 100.3 42.1 63.1#
101 0.0 7.2 10.8#
130 0.0 14.2 21.2#

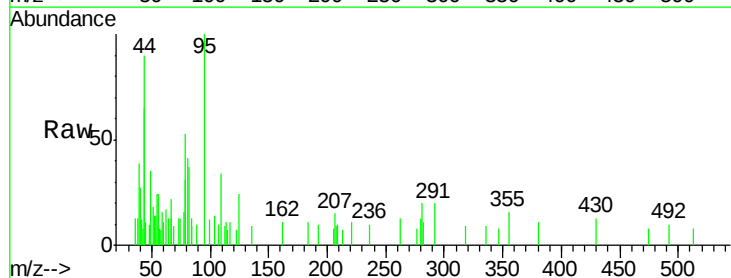


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

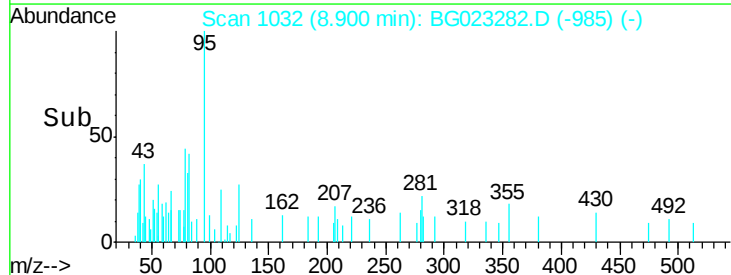
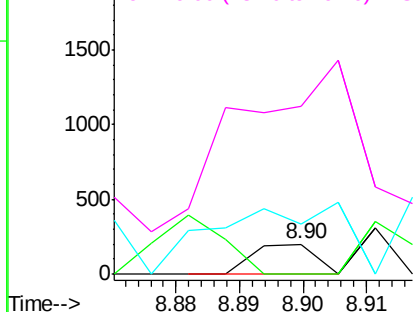


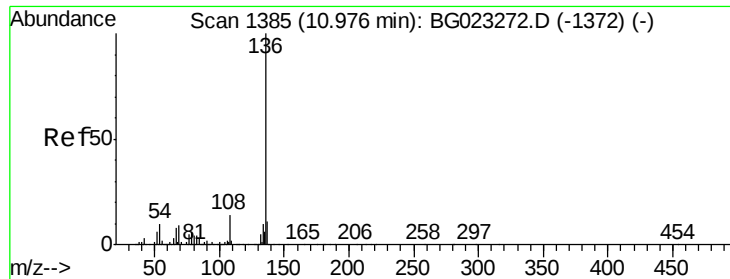
#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion: 107 Resp: 139
Ion Ratio Lower Upper
107 100
108 0.0 72.5 112.5#
77 168.2 30.1 70.1#
79 558.2 24.2 64.2#



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

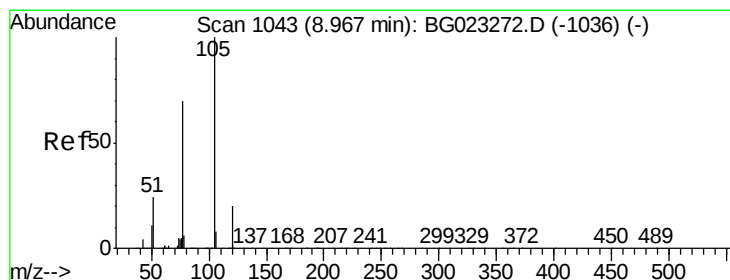
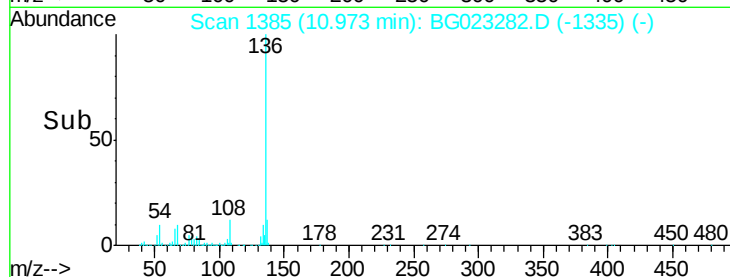
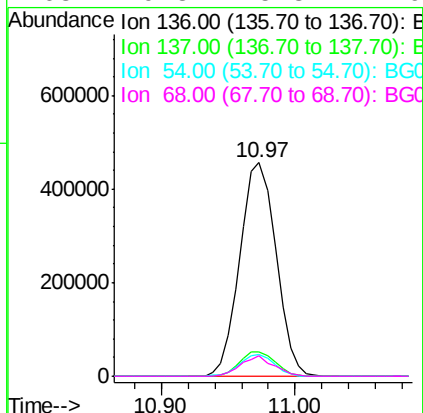
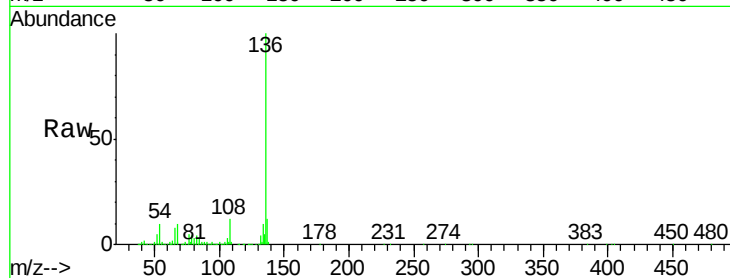




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

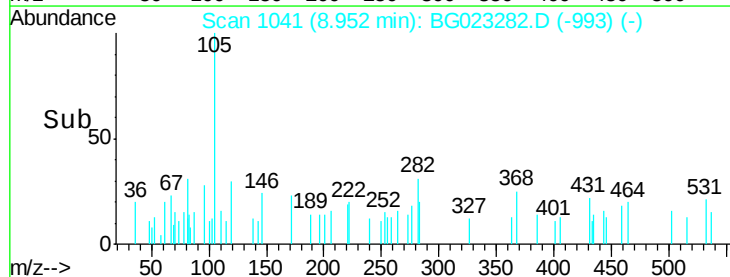
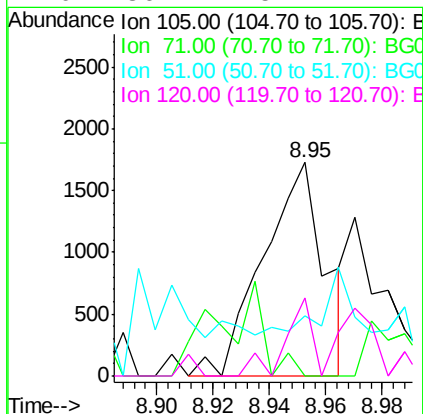
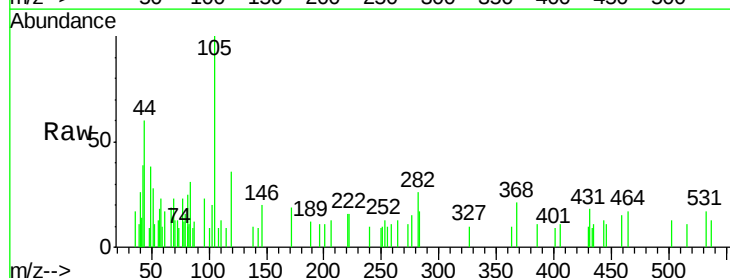
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

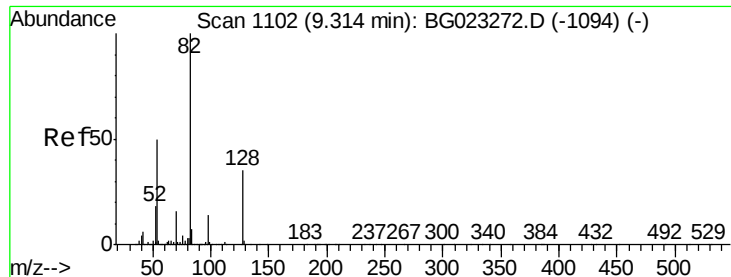
Tgt Ion:	136	Resp:	859164
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.5	7.3	10.9
68	9.8	5.3	7.9#



#22
Acetophenone
Concen: 0.12 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:	105	Resp:	2623
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	28.0	27.1	40.7
120	36.4	15.1	22.7#





#23

Nitrobenzene-d5

Concen: 89.75 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

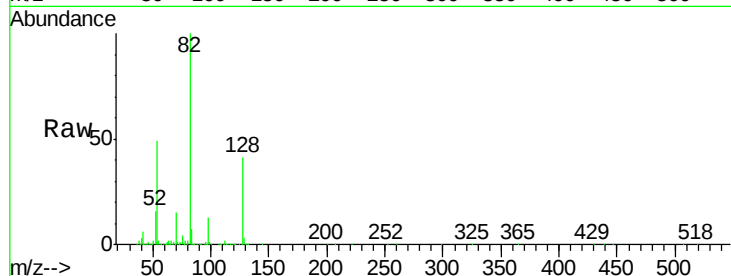
Tgt Ion: 82 Resp: 1576858

Ion Ratio Lower Upper

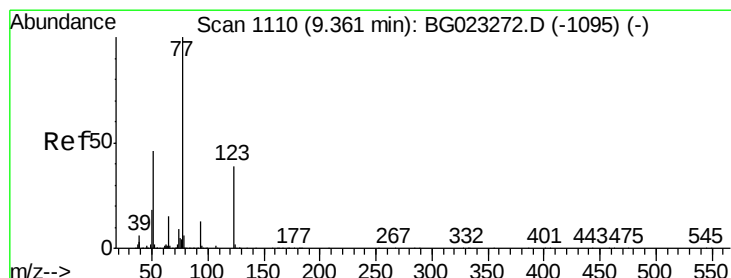
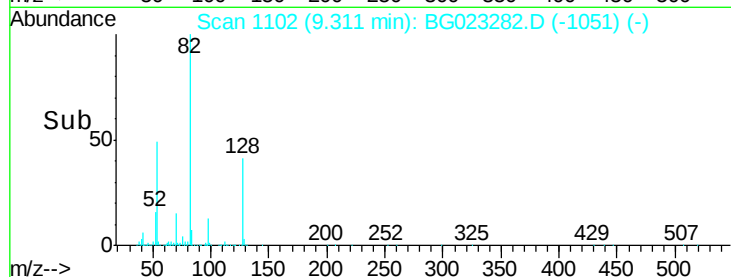
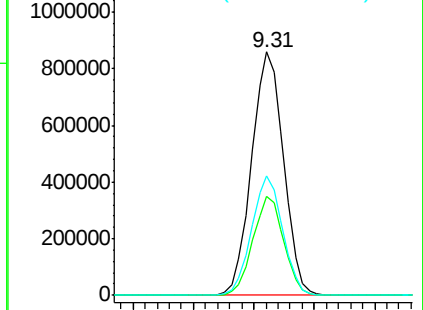
82 100

128 40.9 24.4 36.6#

54 49.1 41.4 62.0



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



#24

Nitrobenzene

Concen: 0.02 ng

RT: 9.39 min Scan# 1116

Delta R.T. 0.04 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

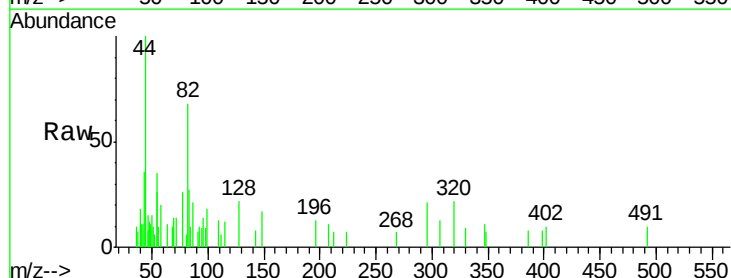
Tgt Ion: 77 Resp: 315

Ion Ratio Lower Upper

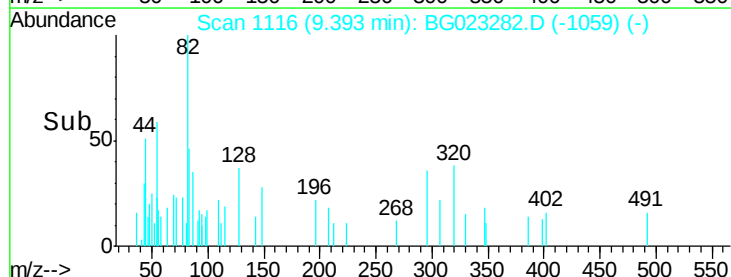
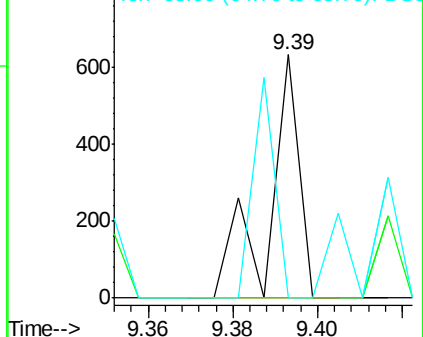
77 100

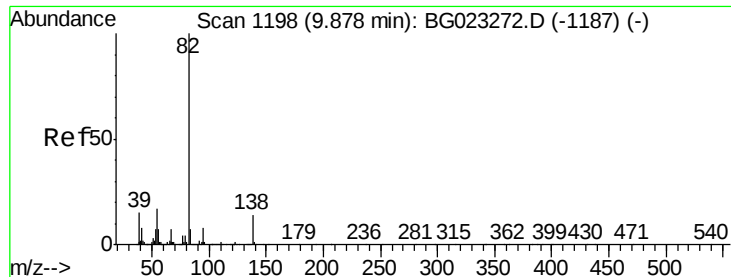
123 0.0 25.0 37.6#

65 0.0 13.4 20.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.04 ng

RT: 9.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

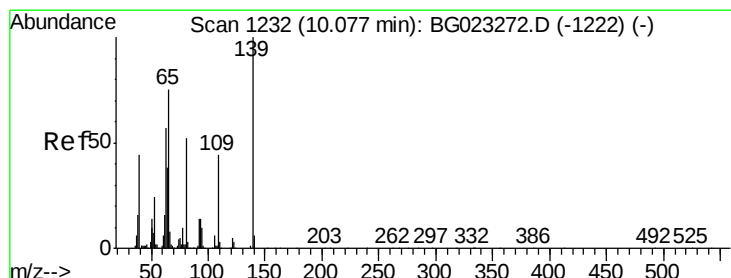
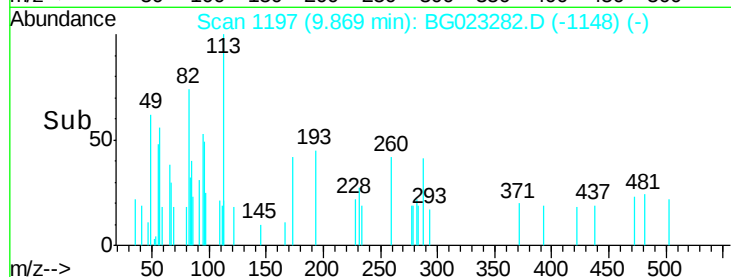
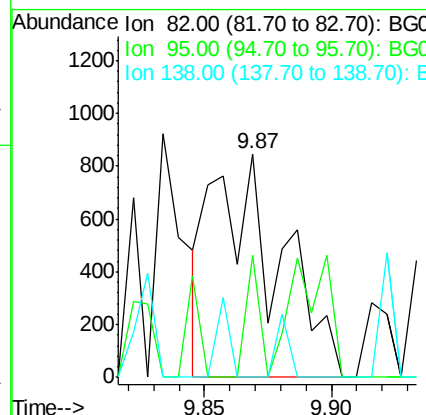
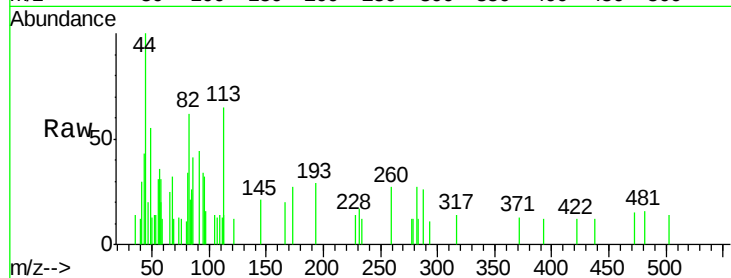
Tgt Ion: 82 Resp: 1560

Ion Ratio Lower Upper

82 100

95 54.7 8.2 12.2#

138 0.0 10.7 16.1#



#26

2-Nitrophenol

Concen: 0.01 ng

RT: 10.09 min Scan# 1235

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

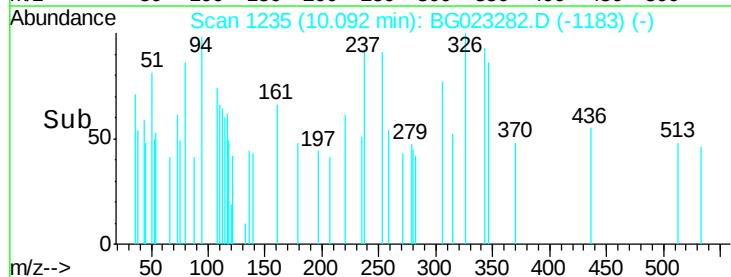
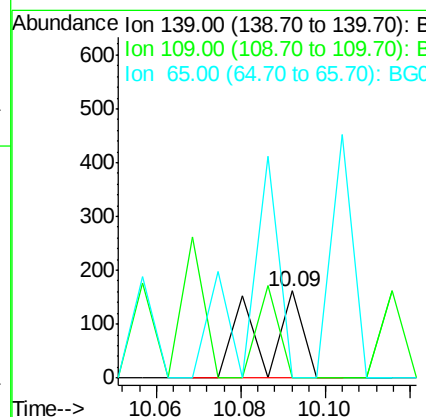
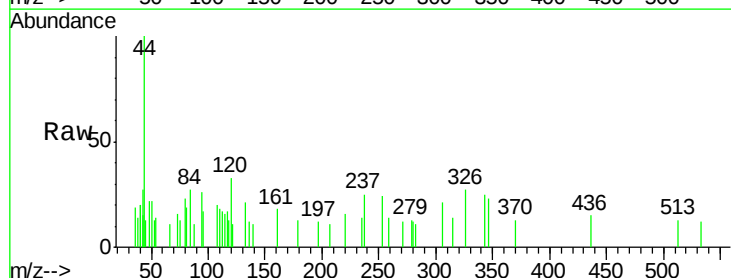
Tgt Ion: 139 Resp: 111

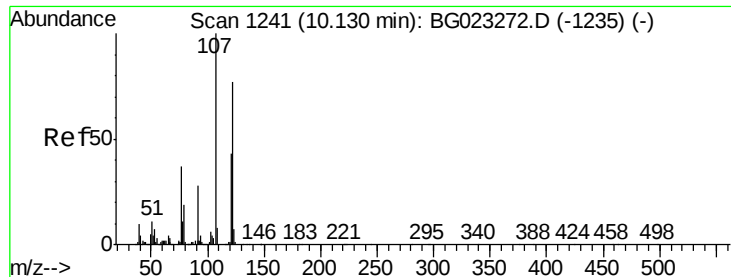
Ion Ratio Lower Upper

139 100

109 0.0 43.5 65.3#

65 0.0 64.3 96.5#

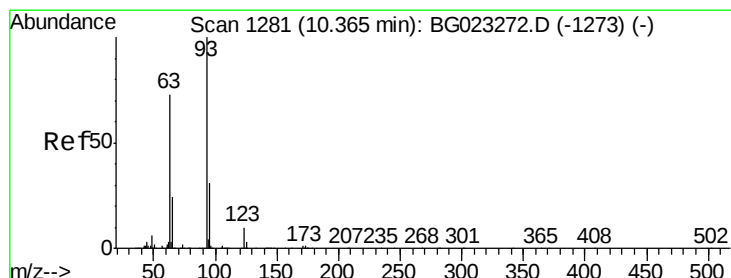
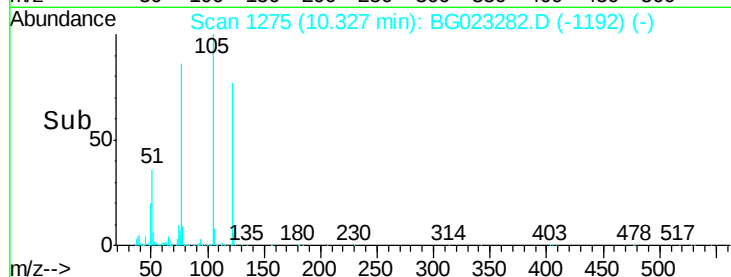
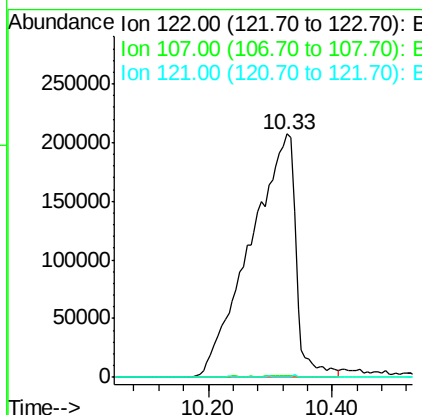
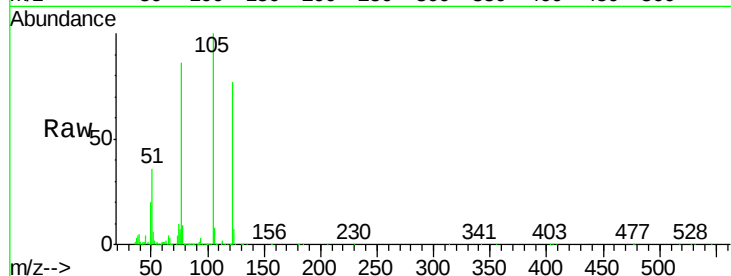




#27
2,4-Dimethylphenol
Concen: 81.25 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.19 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

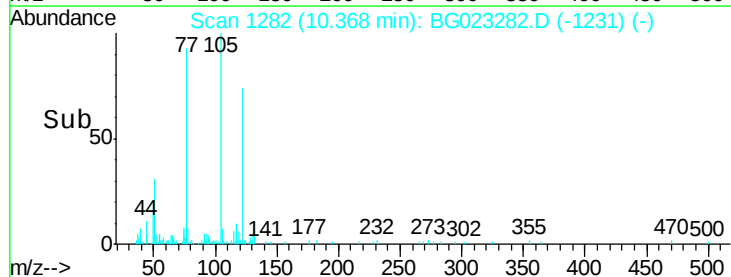
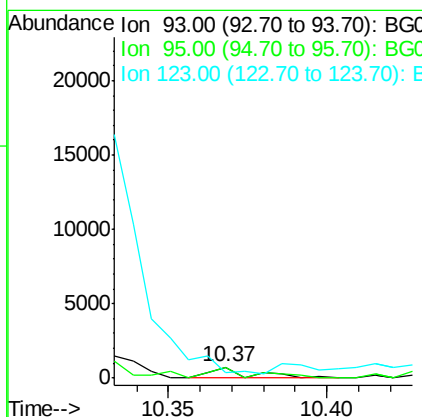
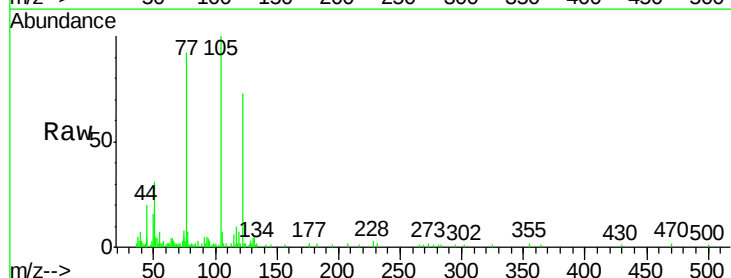
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

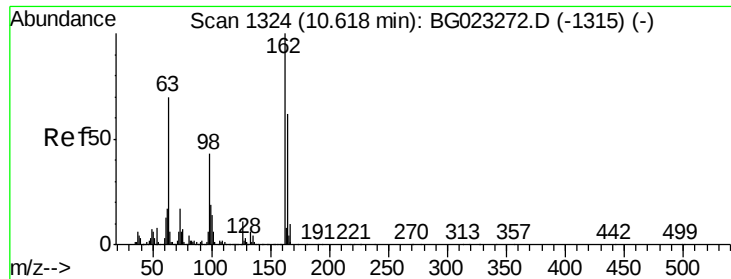
Tgt Ion:122 Resp: 1055306
Ion Ratio Lower Upper
122 100
107 0.6 117.0 175.4#
121 0.0 50.1 75.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.03 ng
RT: 10.37 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion: 93 Resp: 675
Ion Ratio Lower Upper
93 100
95 97.8 25.4 38.2#
123 52.4 8.2 12.2#

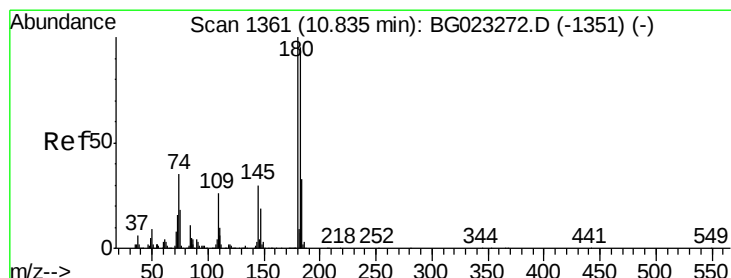
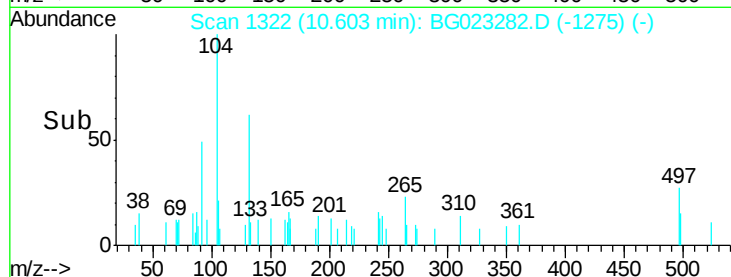
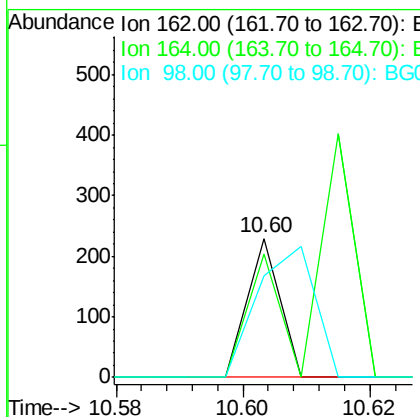
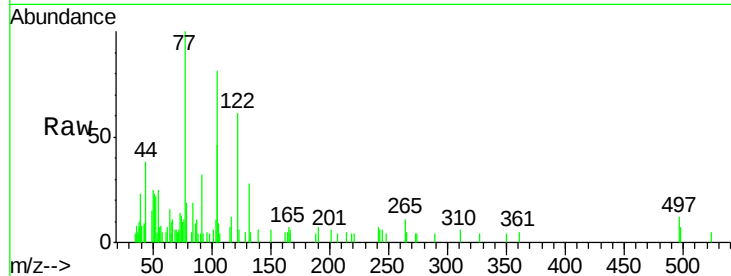




#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.60 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

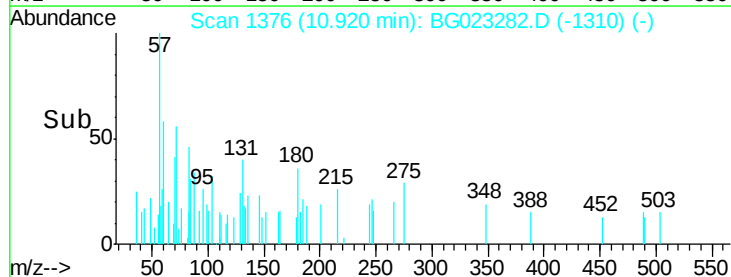
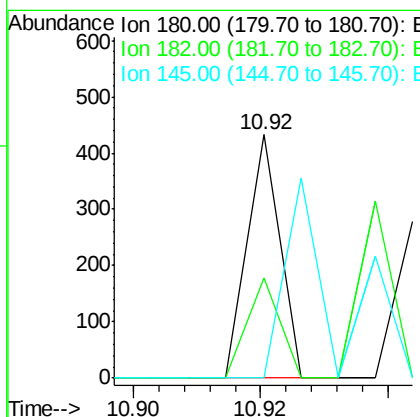
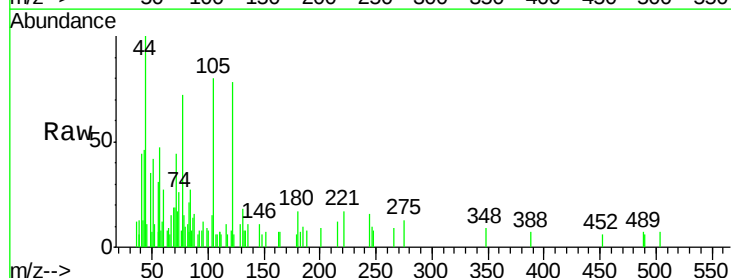
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

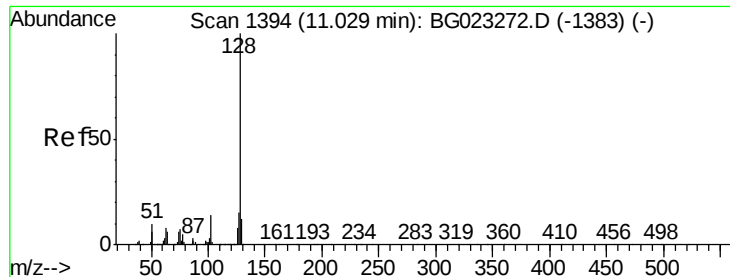
Tgt Ion:162 Resp: 81
Ion Ratio Lower Upper
162 100
164 88.6 44.3 84.3#
98 73.4 19.5 59.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.01 ng
RT: 10.92 min Scan# 1376
Delta R.T. 0.09 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:180 Resp: 153
Ion Ratio Lower Upper
180 100
182 41.3 73.8 110.8#
145 0.0 24.4 36.6#

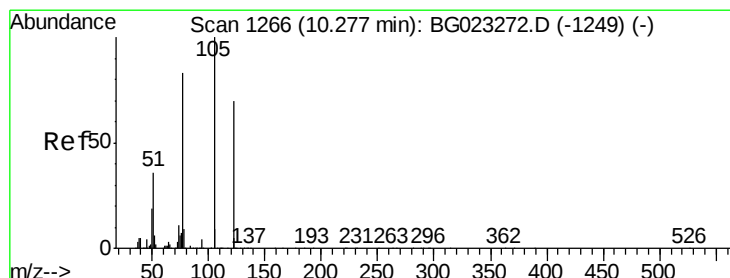
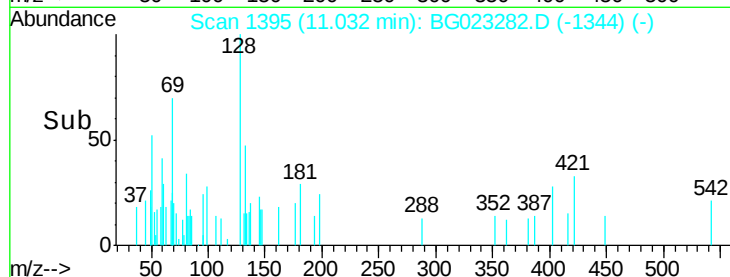
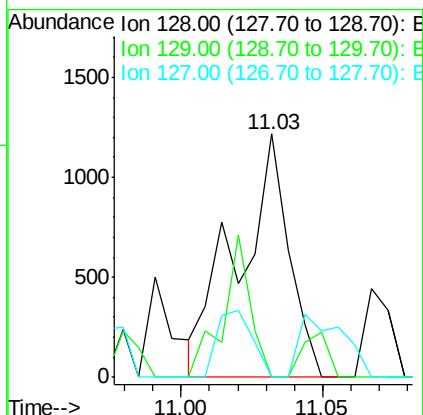
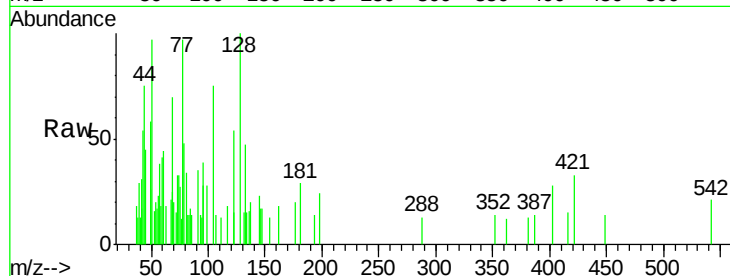




#31
Naphthalene
Concen: 0.04 ng
RT: 11.03 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

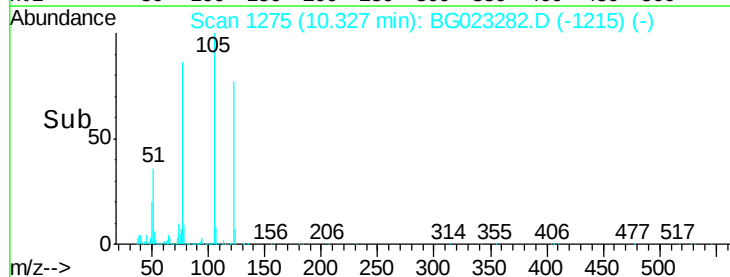
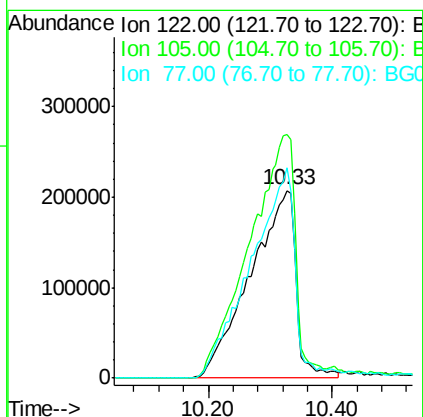
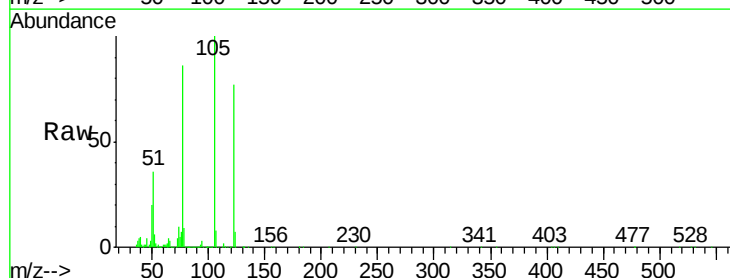
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

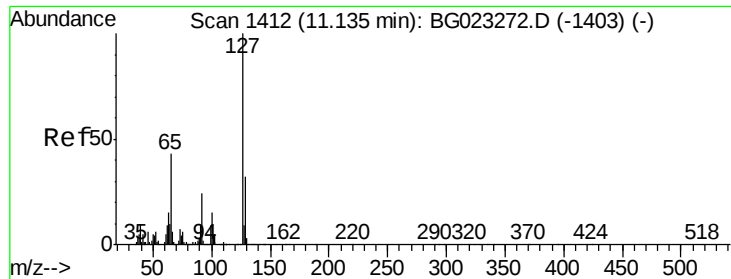
Tgt Ion:128 Resp: 1530
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.0#
127 0.0 11.3 16.9#



#32
Benzoic acid
Concen: 91.04 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.05 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:122 Resp: 1055306
Ion Ratio Lower Upper
122 100
105 129.7 117.2 157.2
77 111.8 109.2 149.2

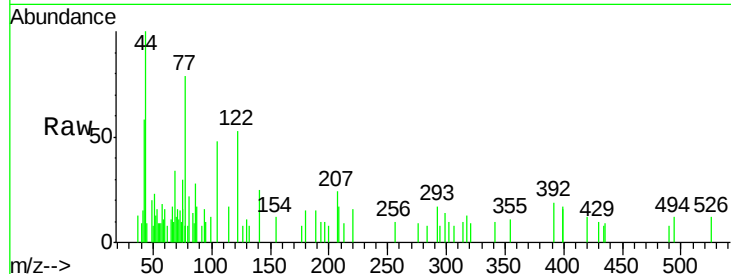




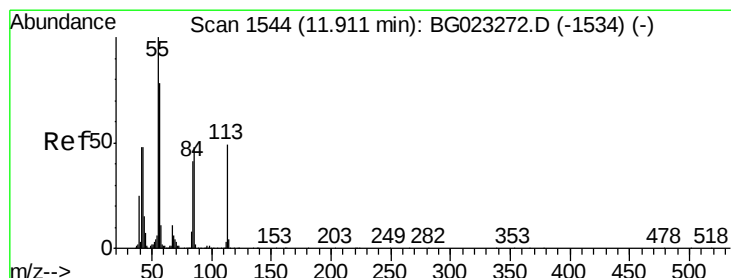
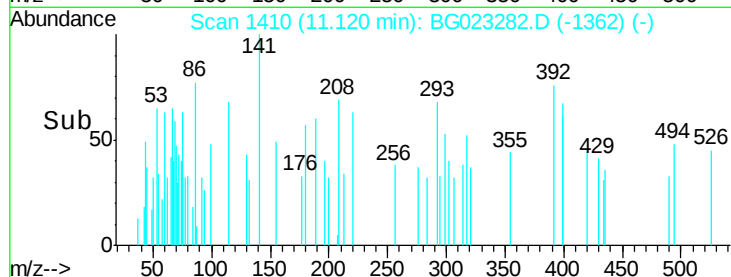
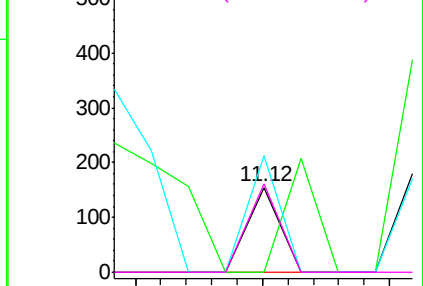
#33
4-Chloroaniline
Concen: 0.00 ng
RT: 11.12 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

Tgt Ion:127 Resp: 55
Ion Ratio Lower Upper
127 100
129 0.0 27.9 41.9#
65 137.4 36.8 55.2#
92 103.9 21.0 31.6#

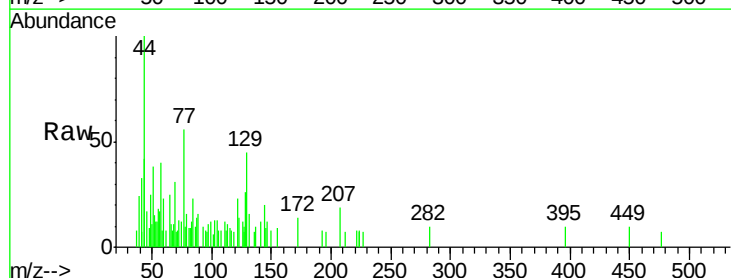


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

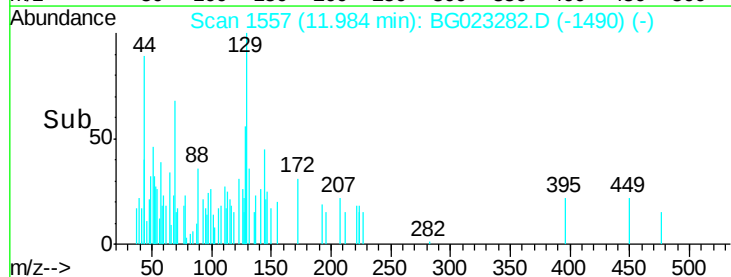
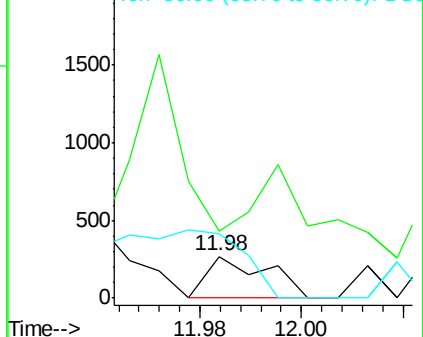


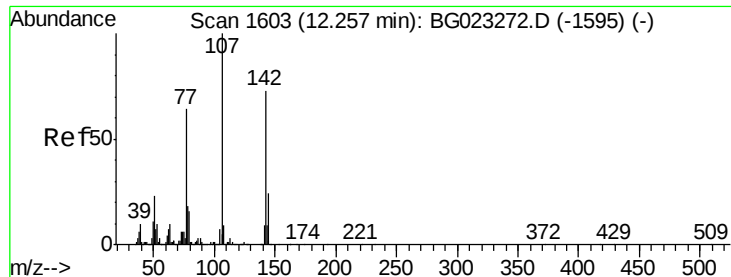
#35
Caprolactam
Concen: 0.04 ng
RT: 11.98 min Scan# 1557
Delta R.T. 0.10 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:113 Resp: 222
Ion Ratio Lower Upper
113 100
55 161.0 154.5 194.5
56 155.1 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

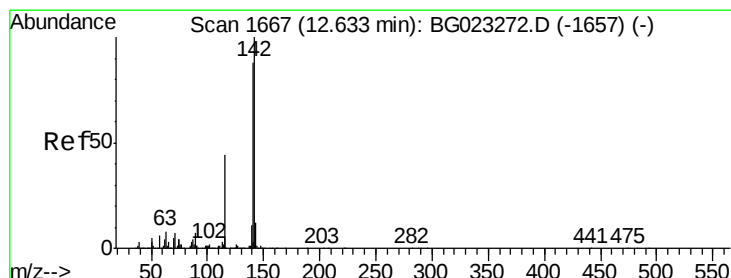
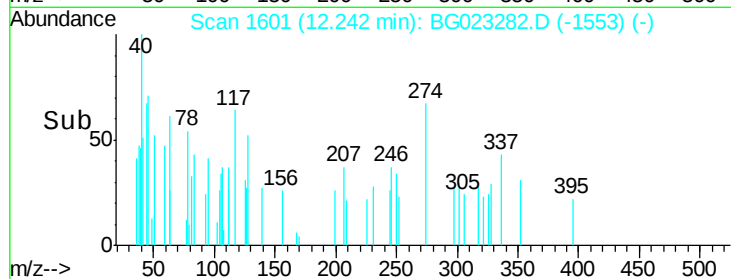
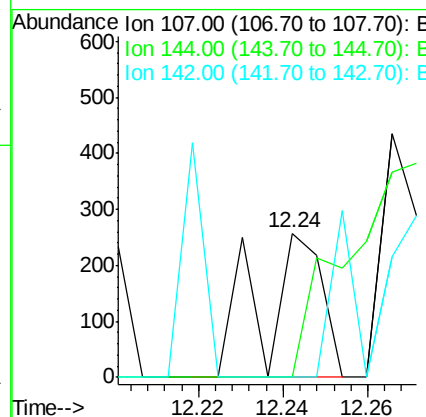
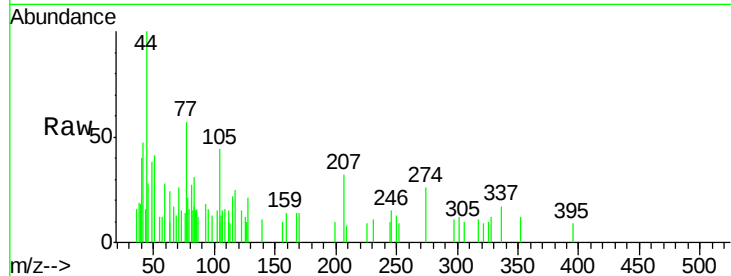




#36
 4-Chloro-3-methylphenol
 Concen: 0.02 ng
 RT: 12.24 min Scan# 1601
 Delta R.T. -0.02 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

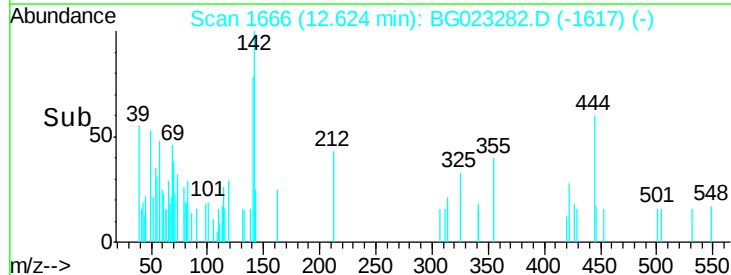
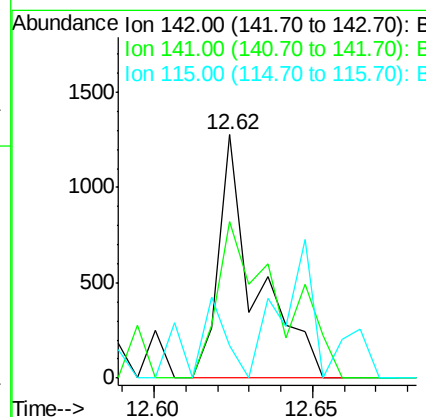
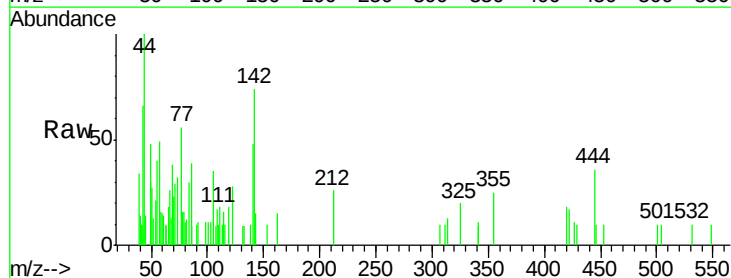
Instrument :
 BNA_G
 ClientSampleId :
 GW-11-5.0-15.0

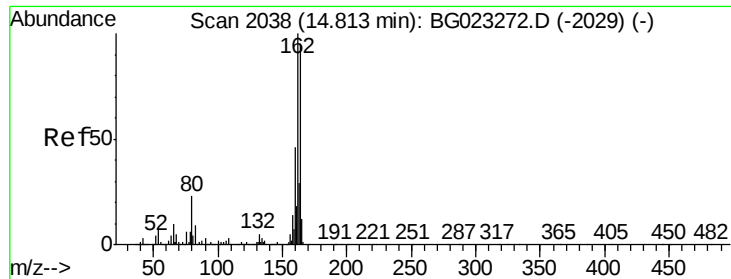
Tgt Ion:107 Resp: 256
 Ion Ratio Lower Upper
 107 100
 144 0.0 17.0 25.6#
 142 0.0 53.0 79.6#



#37
 2-Methylnaphthalene
 Concen: 0.04 ng
 RT: 12.62 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

Tgt Ion:142 Resp: 1037
 Ion Ratio Lower Upper
 142 100
 141 64.5 70.2 105.2#
 115 13.3 41.7 62.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

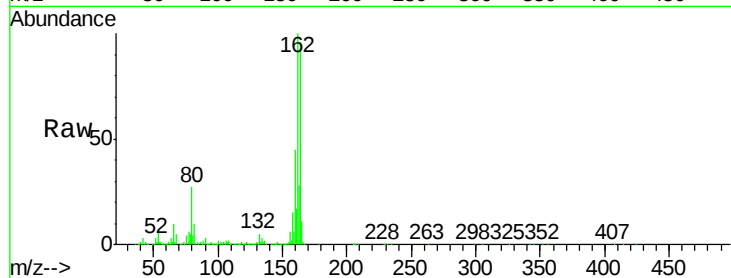
Tgt Ion:164 Resp: 561585

Ion Ratio Lower Upper

164 100

162 103.6 87.7 131.5

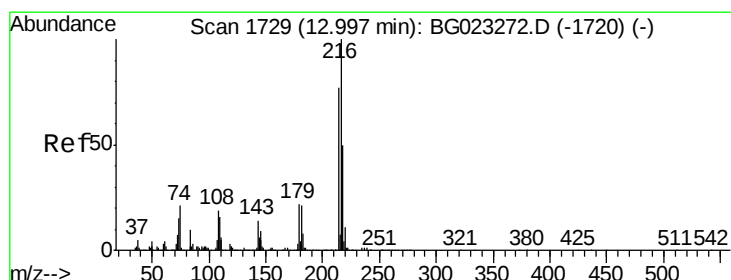
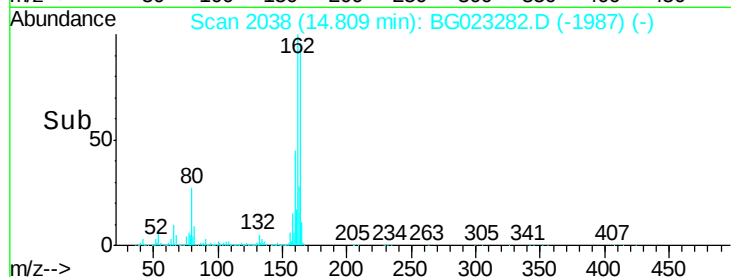
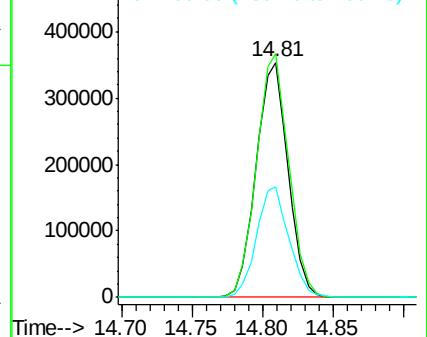
160 47.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.01 ng

RT: 12.97 min Scan# 1725

Delta R.T. -0.03 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Tgt Ion:216 Resp: 224

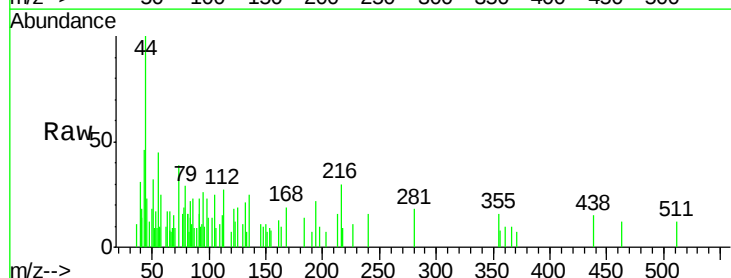
Ion Ratio Lower Upper

216 100

214 0.0 62.9 94.3#

179 28.1 17.2 25.8#

108 77.7 16.3 24.5#

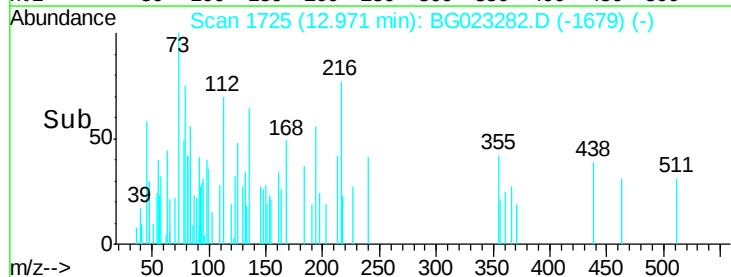
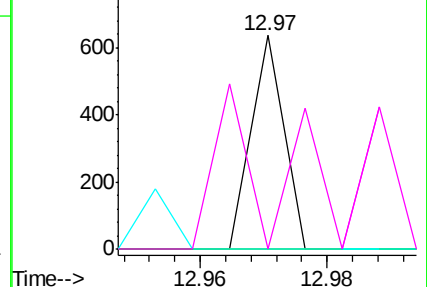


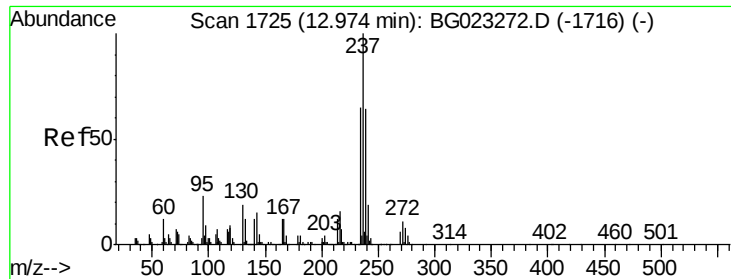
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 0.01 ng

RT: 13.04 min Scan# 1736

Delta R.T. 0.06 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

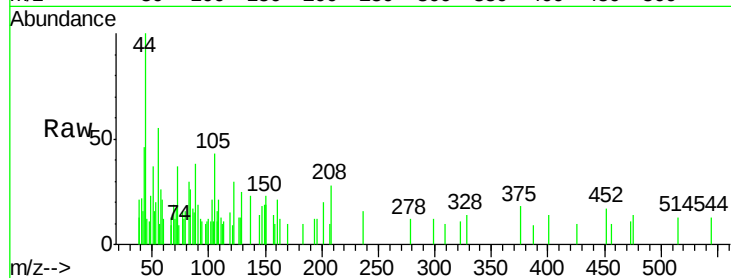
Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

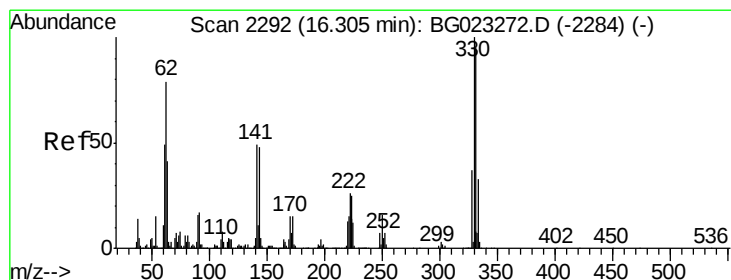
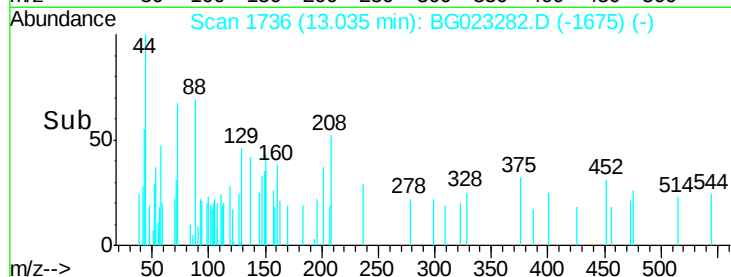
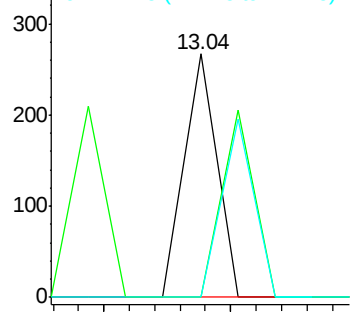
Tgt Ion:	237	Resp:	94
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 157.47 ng

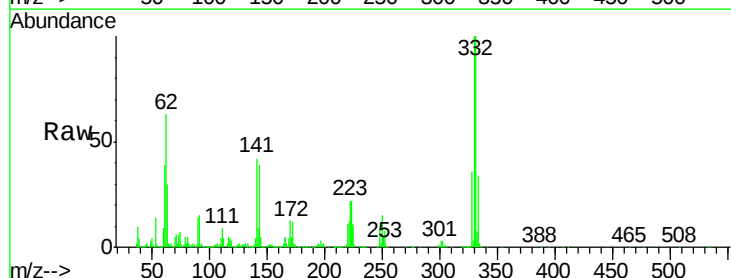
RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

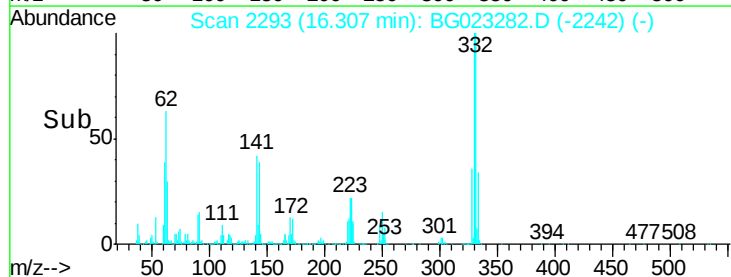
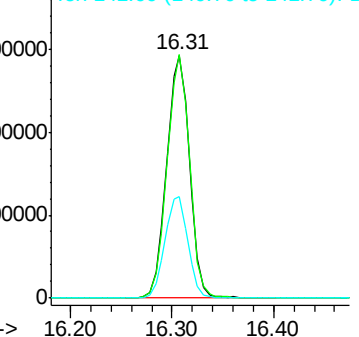
Tgt Ion:	330	Resp:	915322
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.4	116.2
141	42.0	31.7	47.5

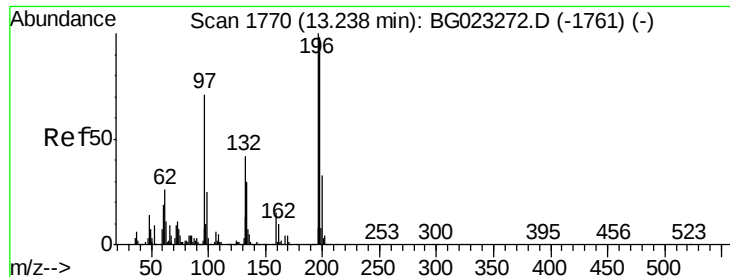


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 0.02 ng

RT: 13.23 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

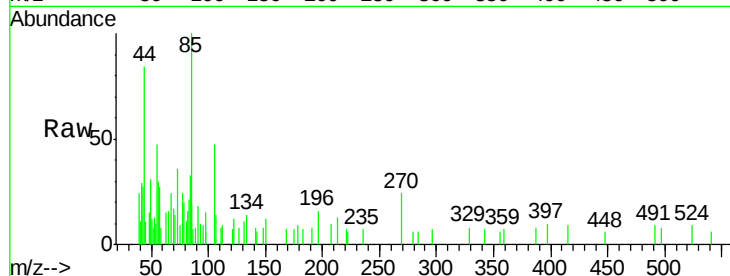
Tgt Ion:196 Resp: 227

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

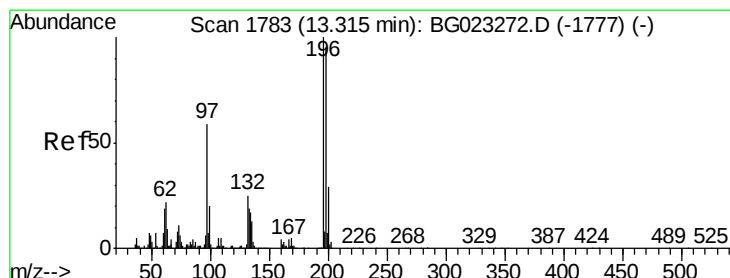
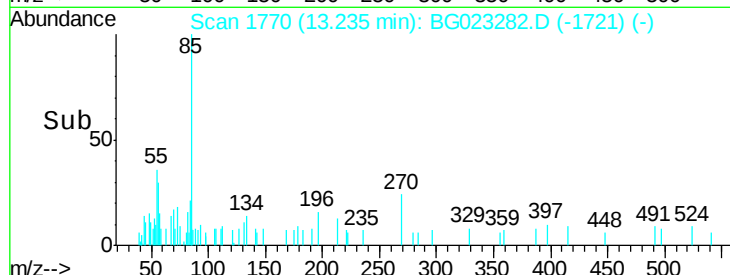
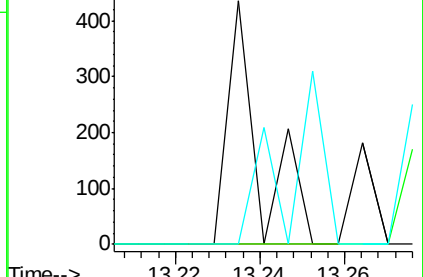
200 0.0 27.0 40.4#



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: 0.02 ng

RT: 13.33 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Tgt Ion:196 Resp: 199

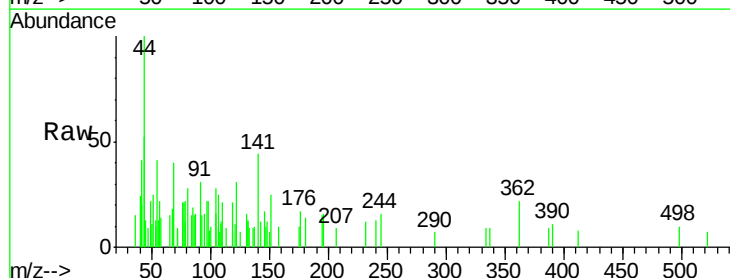
Ion Ratio Lower Upper

196 100

198 0.0 85.7 128.5#

97 137.4 45.5 68.3#

132 74.2 18.9 28.3#

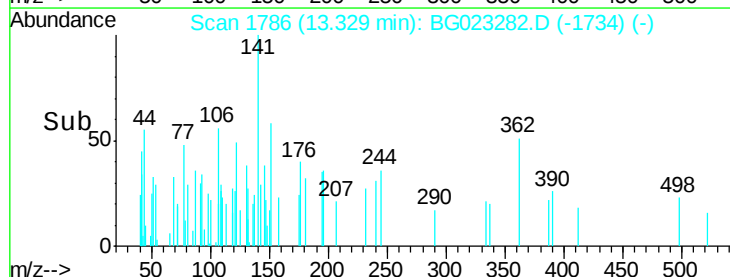
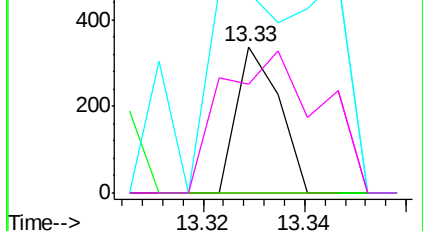


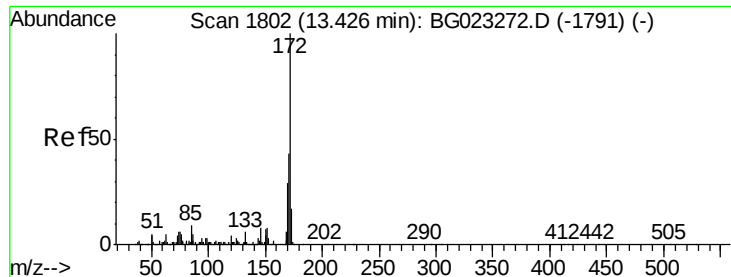
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

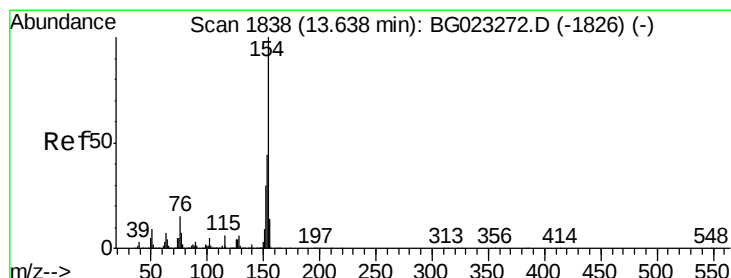
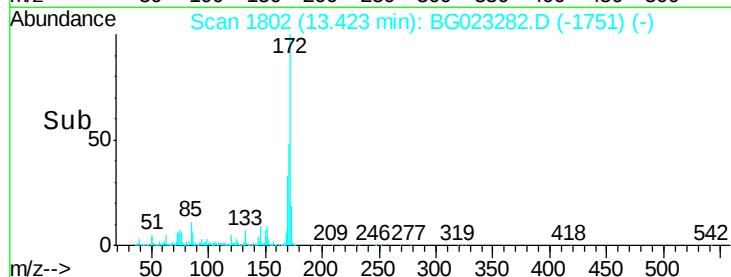
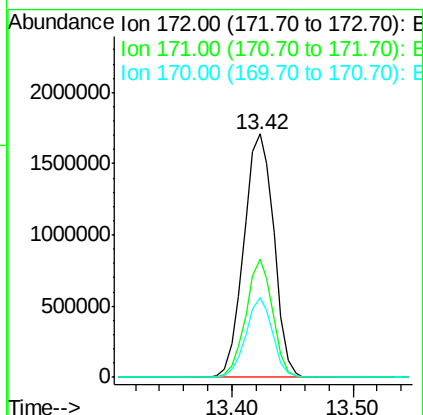
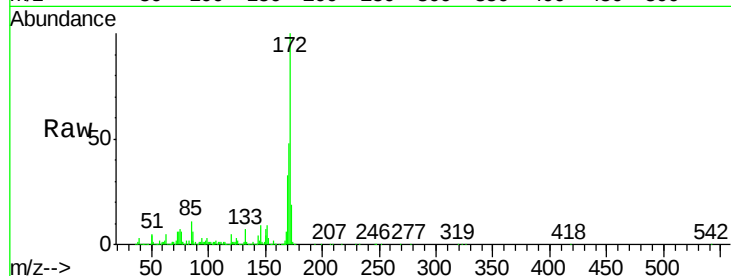




#44
2-Fluorobiphenyl
Concen: 98.29 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

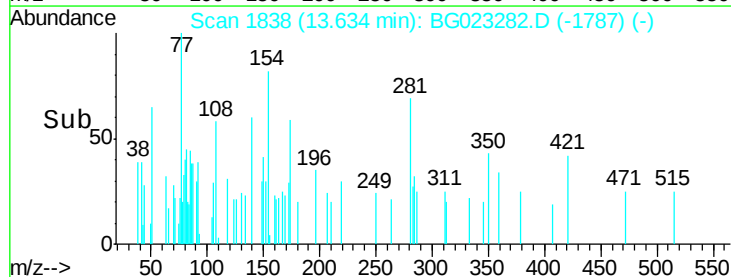
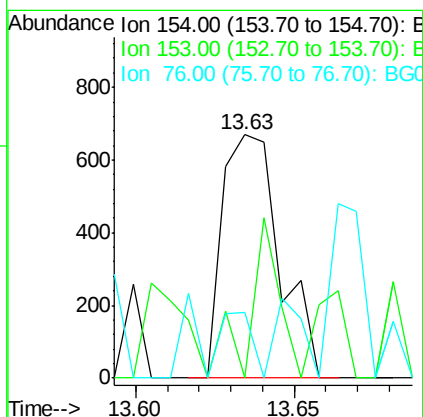
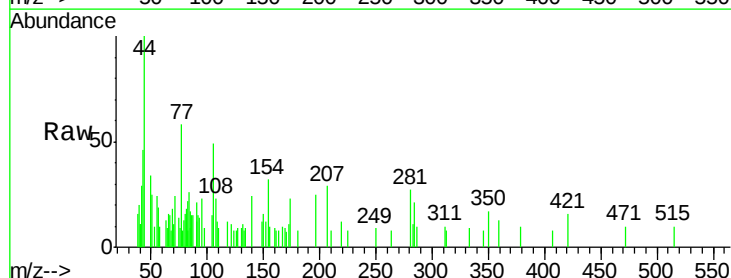
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

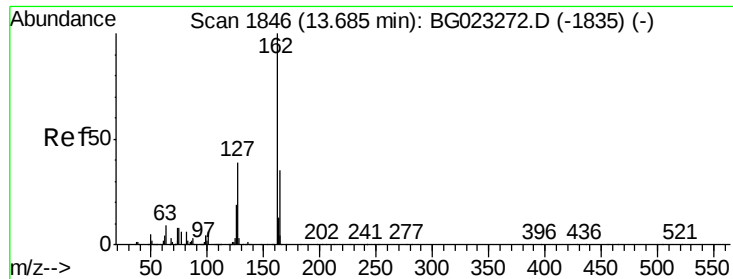
Tgt Ion:172 Resp: 2949176
Ion Ratio Lower Upper
172 100
171 48.4 31.6 47.4#
170 32.6 21.3 31.9#



#45
1,1'-Biphenyl
Concen: 0.02 ng
RT: 13.63 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:154 Resp: 839
Ion Ratio Lower Upper
154 100
153 0.0 20.2 60.2#
76 26.9 0.0 32.9

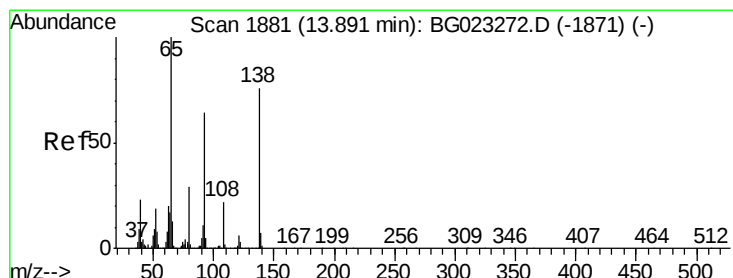
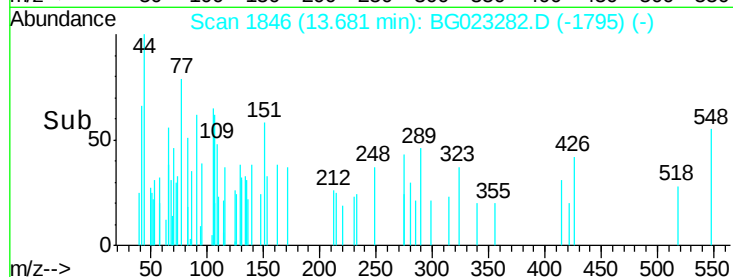
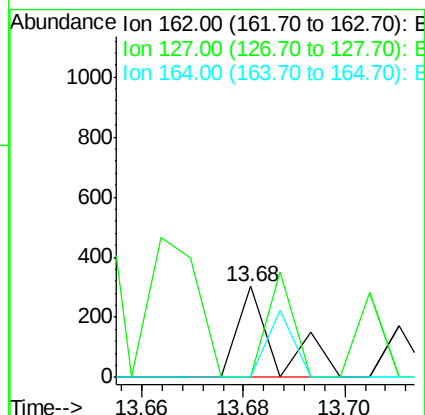
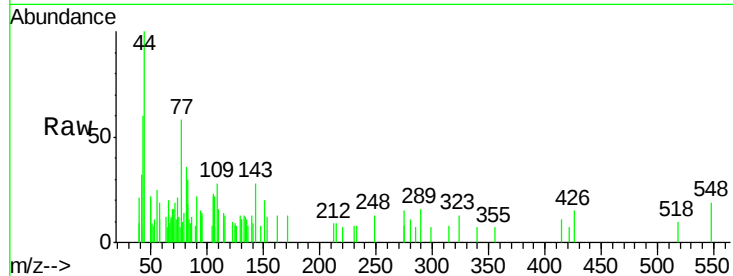




#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 13.68 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

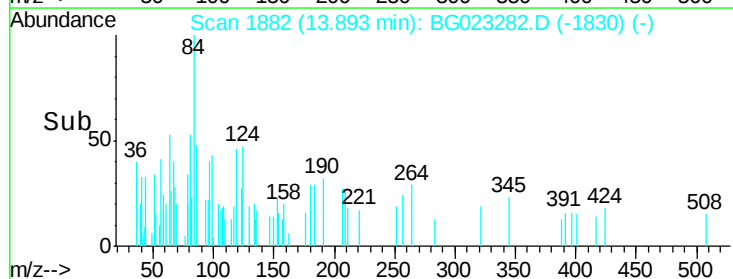
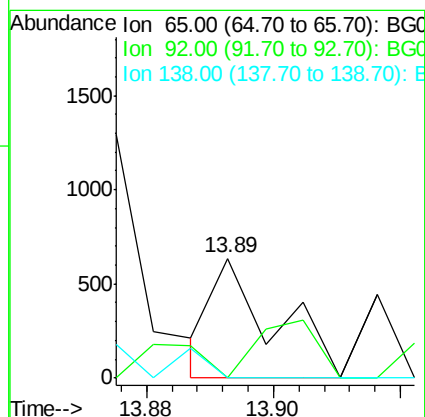
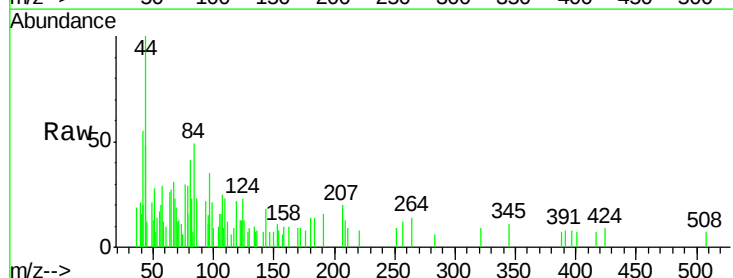
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

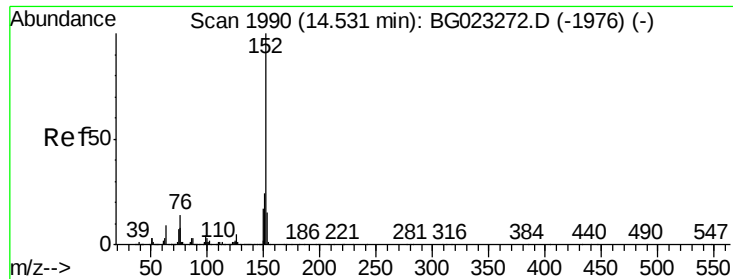
Tgt Ion: 162 Resp: 160
Ion Ratio Lower Upper
162 100
127 0.0 32.4 48.6#
164 0.0 25.2 37.8#



#47
2-Nitroaniline
Concen: 0.03 ng
RT: 13.89 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion: 65 Resp: 430
Ion Ratio Lower Upper
65 100
92 0.0 49.4 74.0#
138 0.0 58.0 87.0#





#48

Acenaphthylene

Concen: 0.01 ng

RT: 14.53 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

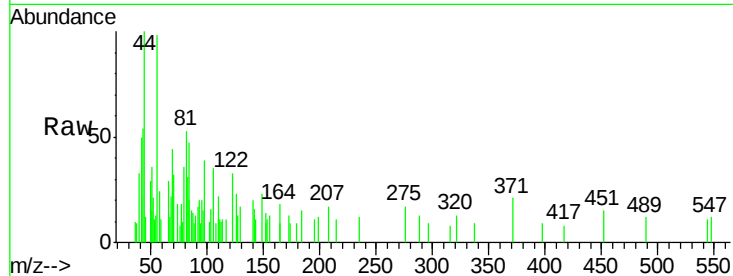
Tgt Ion:152 Resp: 304

Ion Ratio Lower Upper

152 100

151 63.2 17.6 26.4#

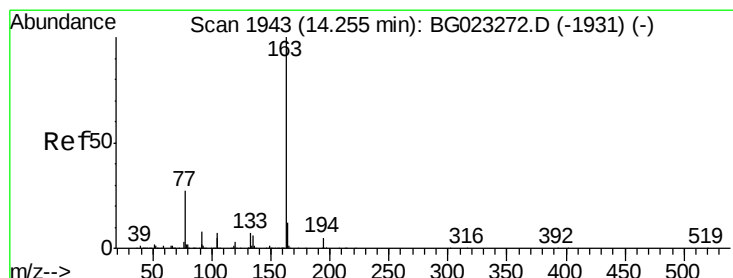
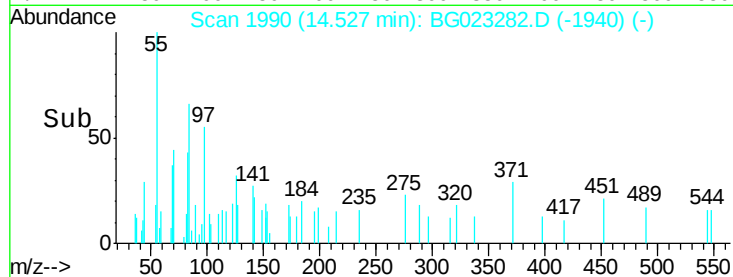
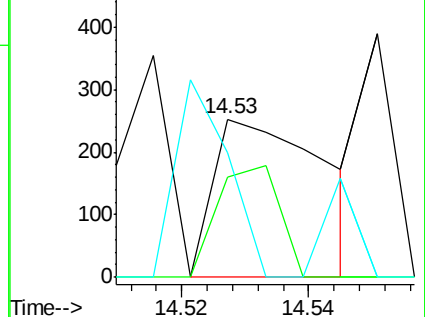
153 78.3 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.70 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

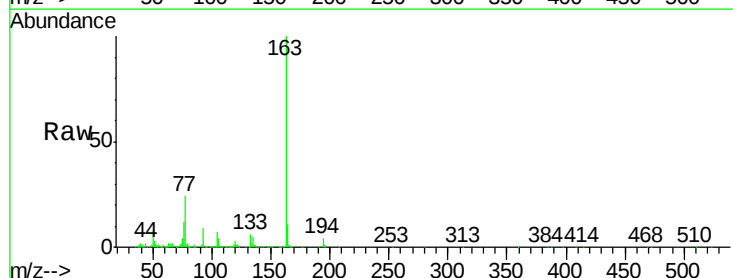
Tgt Ion:163 Resp: 194894

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

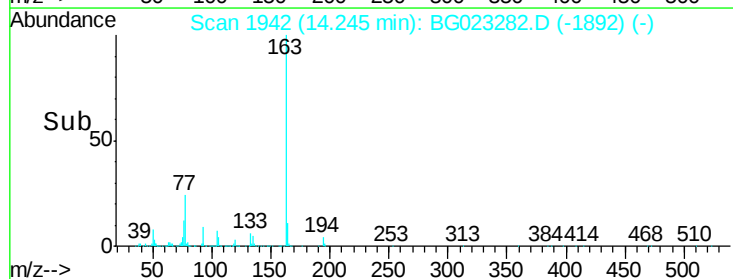
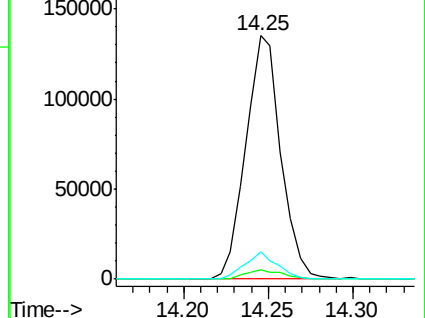
164 11.0 8.1 12.1

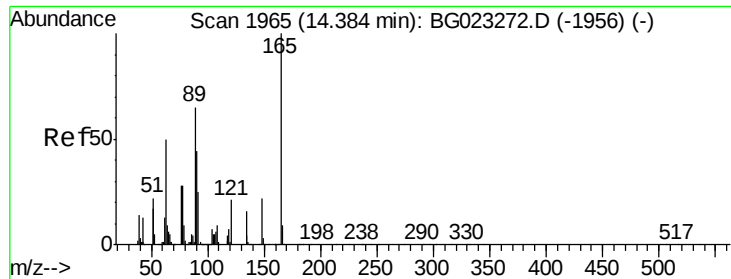


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

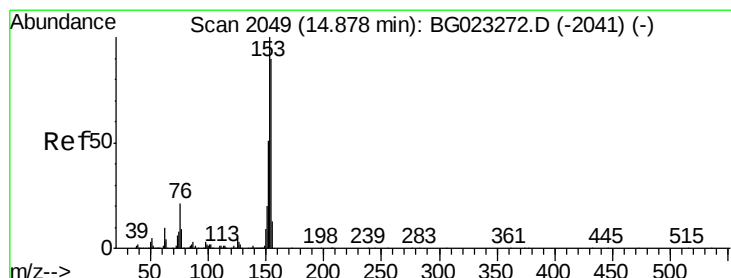
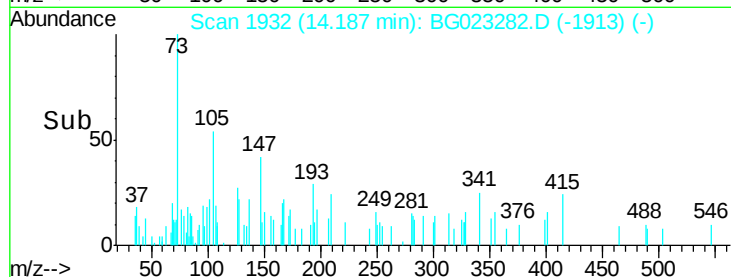
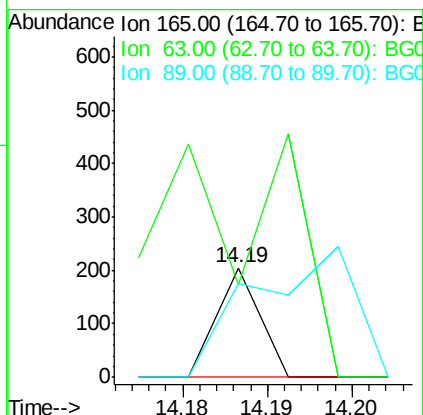
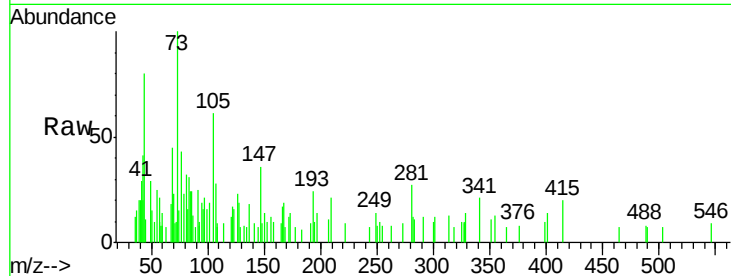




#50
2,6-Dinitrotoluene
Concen: 0.01 ng
RT: 14.19 min Scan# 1932
Delta R.T. -0.19 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

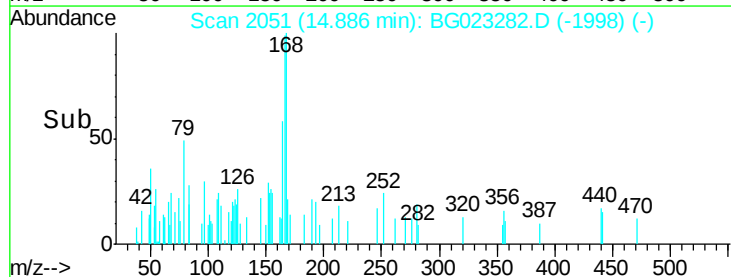
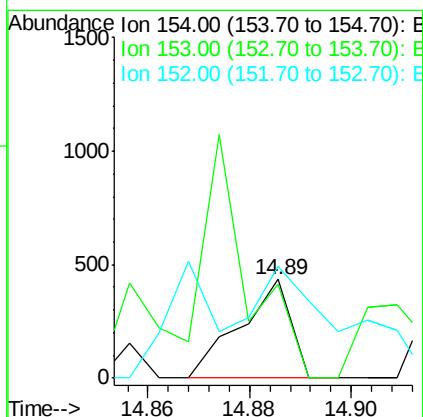
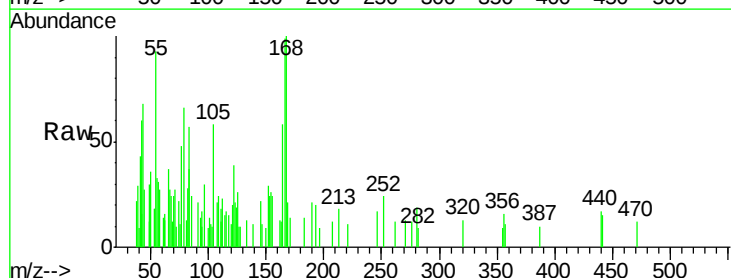
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

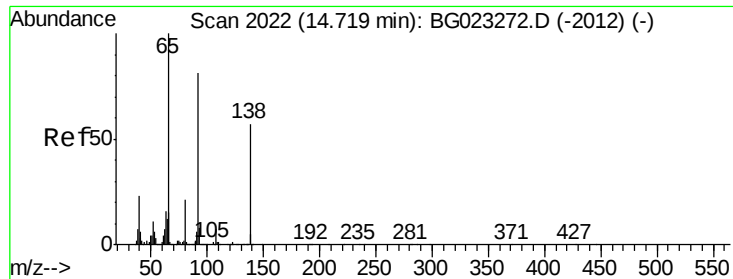
Tgt Ion:165 Resp: 72
Ion Ratio Lower Upper
165 100
63 84.4 64.3 96.5
89 85.4 64.3 96.5



#51
Acenaphthene
Concen: 0.01 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:154 Resp: 303
Ion Ratio Lower Upper
154 100
153 95.2 87.5 131.3
152 113.1 42.7 64.1#

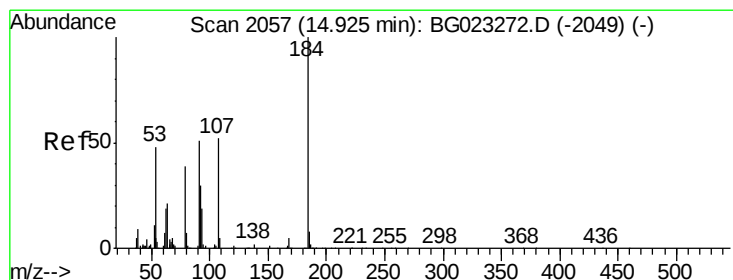
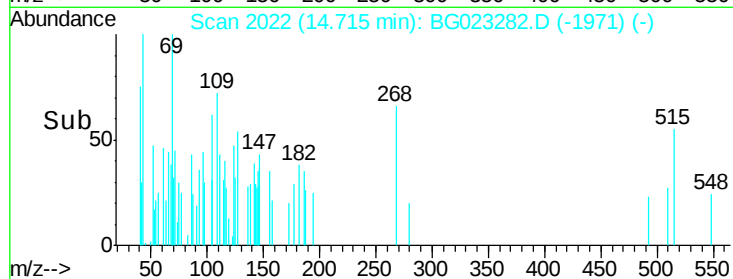
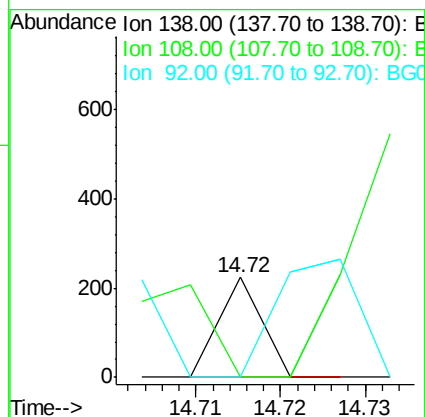
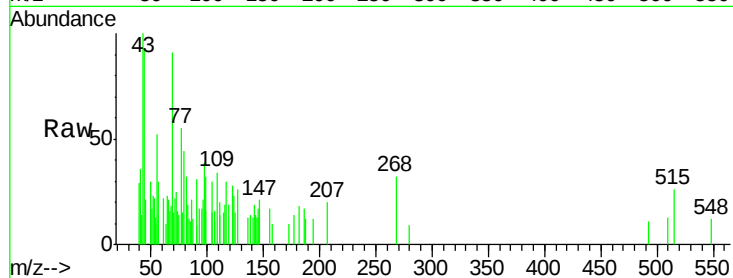




#52
3-Nitroaniline
Concen: 0.01 ng
RT: 14.72 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

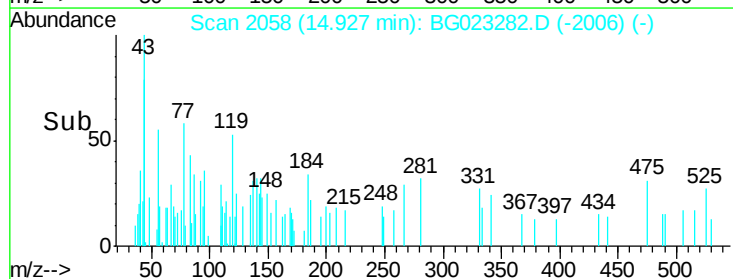
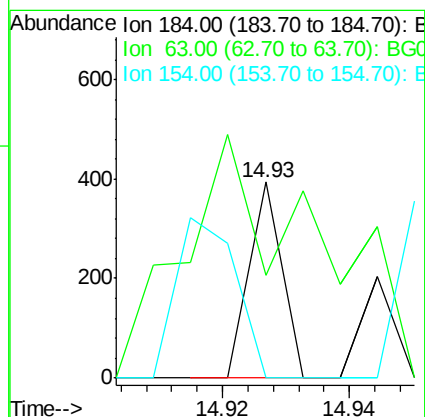
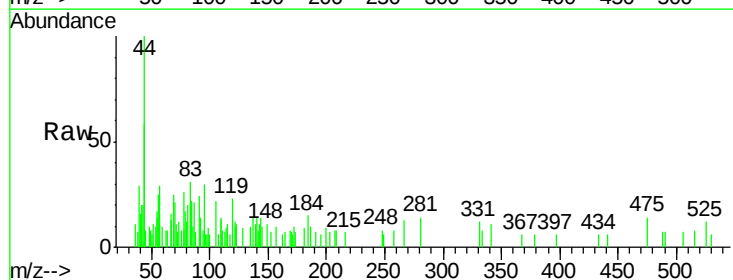
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

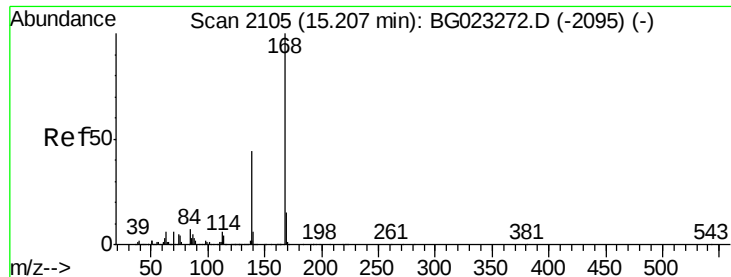
Tgt Ion:138 Resp: 79
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 129.7 194.5#



#53
2,4-Dinitrophenol
Concen: 0.02 ng
RT: 14.93 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:184 Resp: 139
Ion Ratio Lower Upper
184 100
63 52.5 59.6 89.4#
154 0.0 67.4 101.0#





#54

Dibenzenofuran

Concen: 0.01 ng

RT: 15.21 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

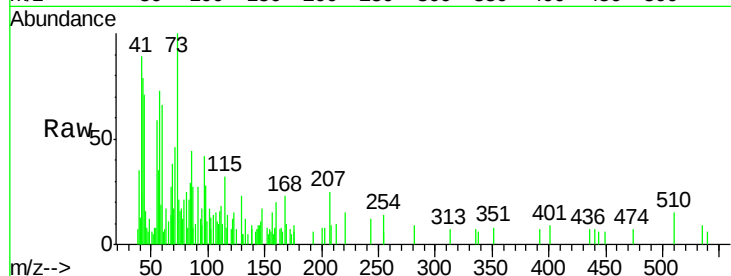
Tgt Ion:168 Resp: 481

Ion Ratio Lower Upper

168 100

139 29.8 36.4 54.6#

169 42.7 11.9 17.9#

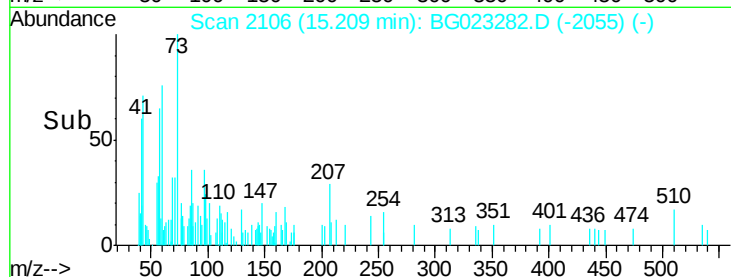


Abundance Ion 168.00 (167.70 to 168.70): E

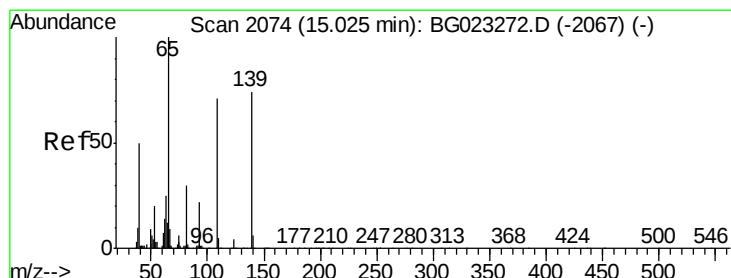
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

Time--> 15.18 15.20 15.22 15.24



Time--> 15.18 15.20 15.22 15.24



#55

4-Nitrophenol

Concen: 0.04 ng

RT: 15.03 min Scan# 2076

Delta R.T. -0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

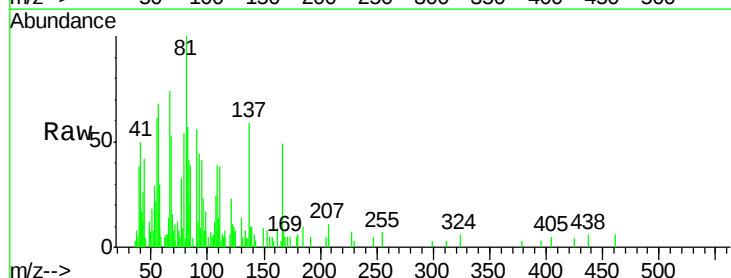
Tgt Ion:139 Resp: 345

Ion Ratio Lower Upper

139 100

109 402.2 103.0 143.0#

65 141.5 112.7 152.7

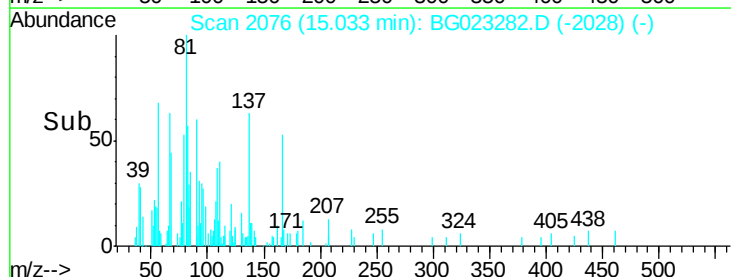


Abundance Ion 139.00 (138.70 to 139.70): E

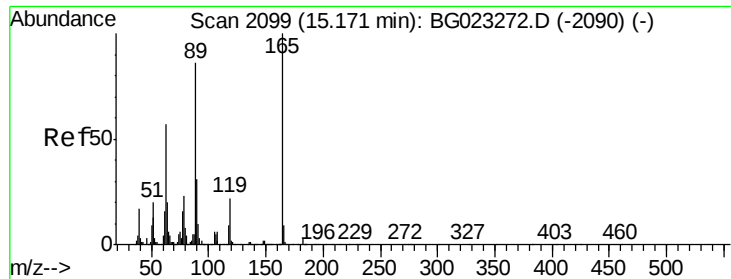
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

Time--> 15.02 15.04



Time--> 15.02 15.04



#56

2,4-Dinitrotoluene

Concen: 0.02 ng

RT: 15.15 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tgt Ion:165 Resp: 281

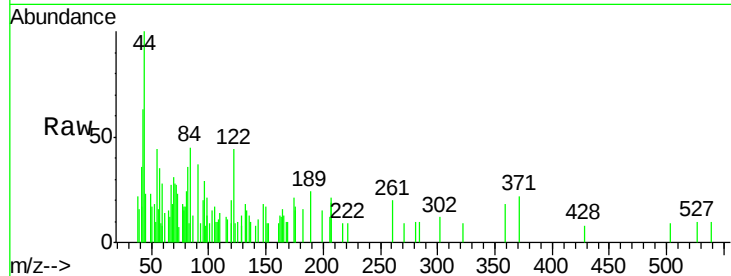
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.6#

89 0.0 68.6 102.8#

182 122.3 2.0 3.0#

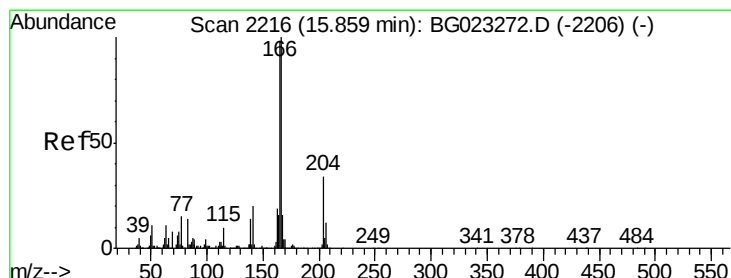
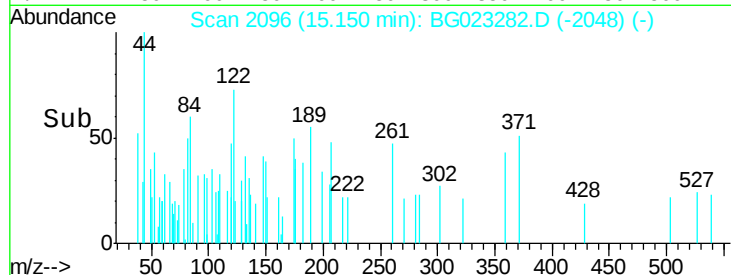
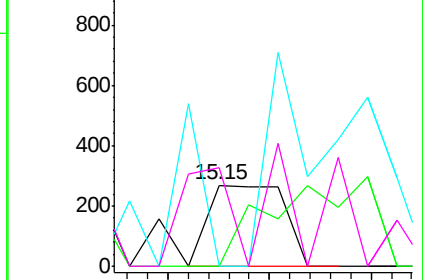


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.01 ng

RT: 15.85 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

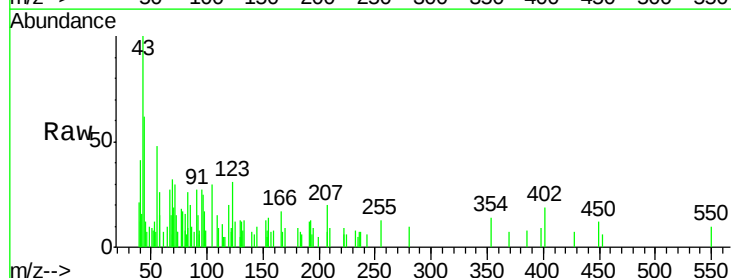
Tgt Ion:166 Resp: 244

Ion Ratio Lower Upper

166 100

165 0.0 81.0 121.6#

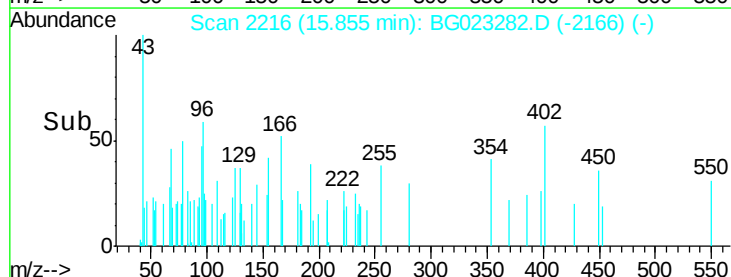
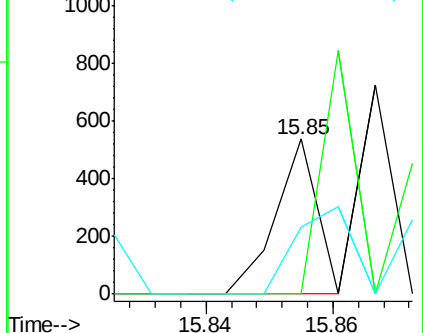
167 43.1 12.0 18.0#

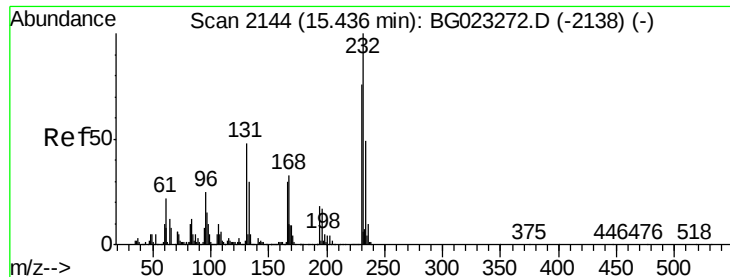


Abundance Ion 166.00 (165.70 to 166.70): E

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: 0.02 ng

RT: 15.45 min Scan# 2147

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

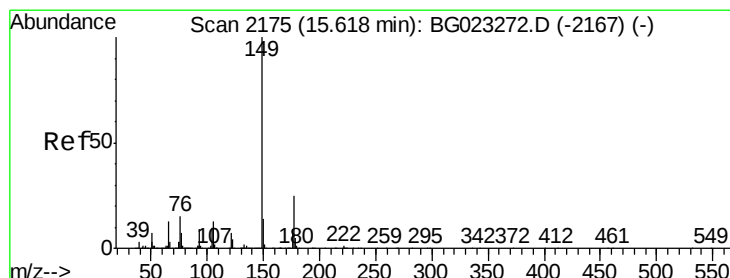
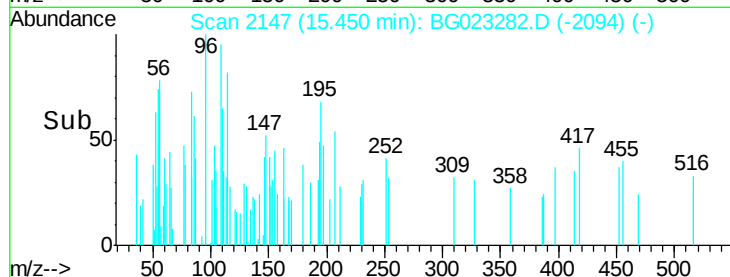
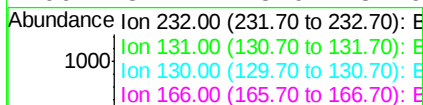
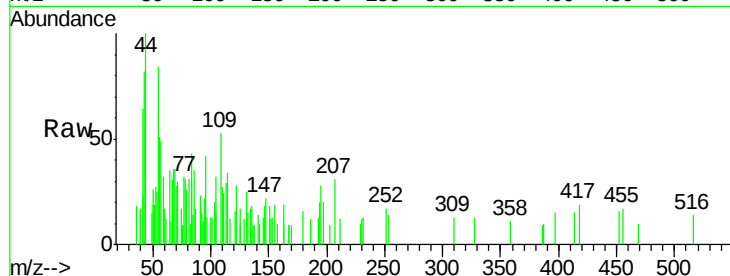
Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tgt Ion:	232	Resp:	151
Ion	Ratio	Lower	Upper
232	100		
131	354.3	32.7	49.1#
130	0.0	2.6	3.8#
166	37.7	23.0	34.6#



#59

Diethylphthalate

Concen: 0.09 ng

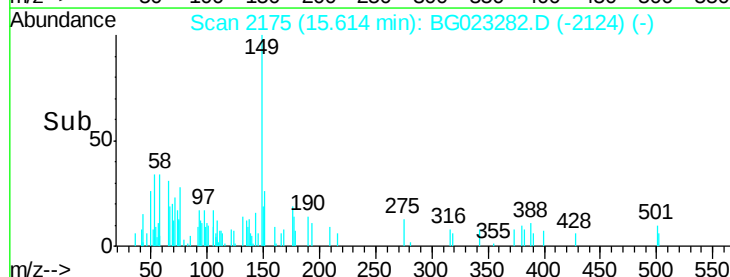
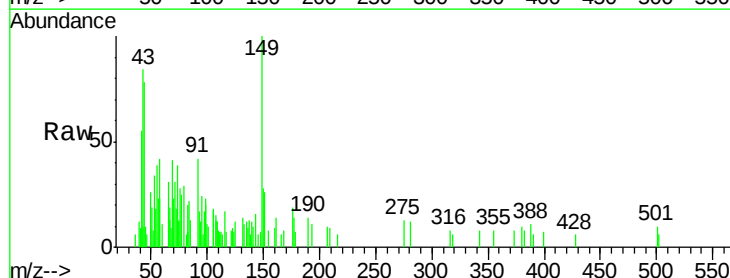
RT: 15.61 min Scan# 2175

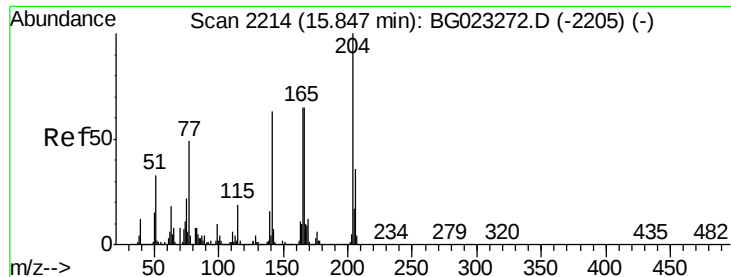
Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Tgt Ion:	149	Resp:	3727
Ion	Ratio	Lower	Upper
149	100		
177	13.5	19.2	28.8#
150	28.4	10.6	16.0#

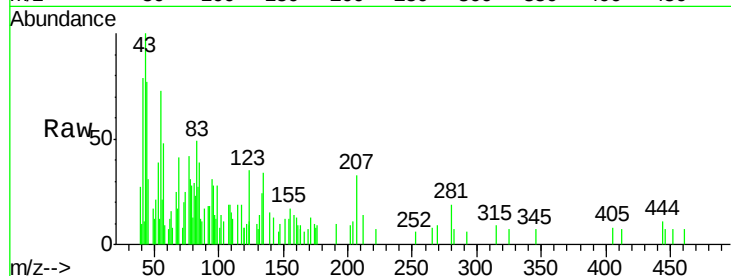




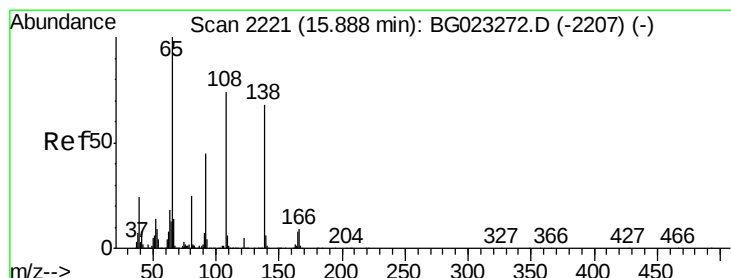
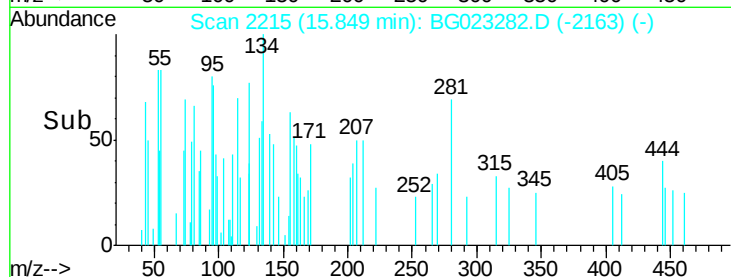
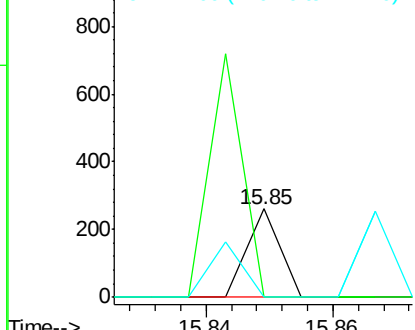
#60
4-Chlorophenyl-phenylether
Concen: 0.00 ng
RT: 15.85 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

Tgt Ion:204 Resp: 92
Ion Ratio Lower Upper
204 100
206 0.0 28.5 42.7#
141 0.0 51.4 77.0#

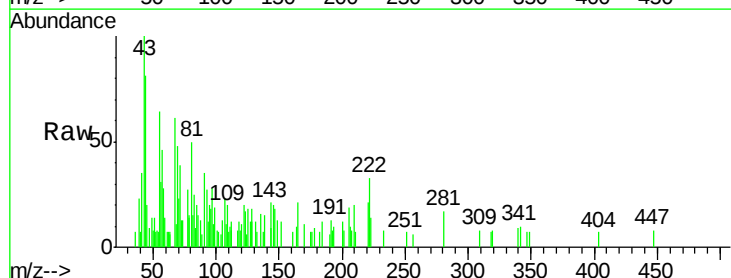


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

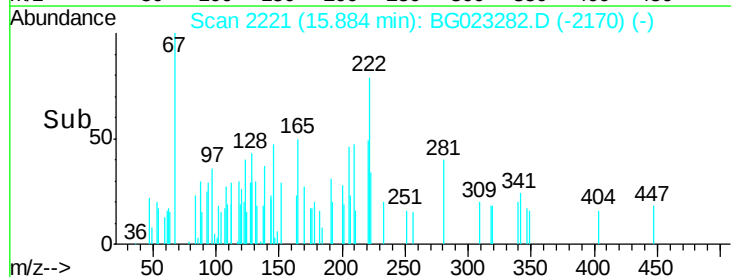
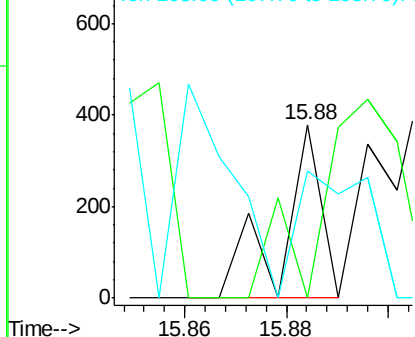


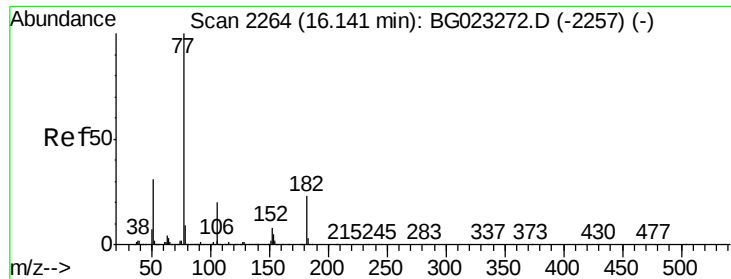
#61
4-Nitroaniline
Concen: 0.02 ng
RT: 15.88 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:138 Resp: 199
Ion Ratio Lower Upper
138 100
92 0.0 54.1 94.1#
108 73.1 133.9 173.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.04 ng

RT: 16.17 min Scan# 2269

Delta R.T. 0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tgt Ion: 77 Resp: 1643

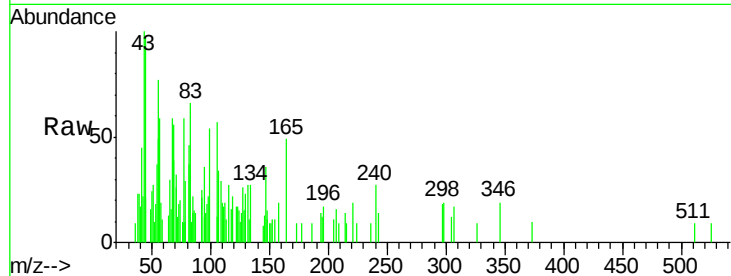
Ion Ratio Lower Upper

77 100

182 0.0 3.5 43.5#

105 84.7 0.0 38.5#

51 39.7 17.1 57.1

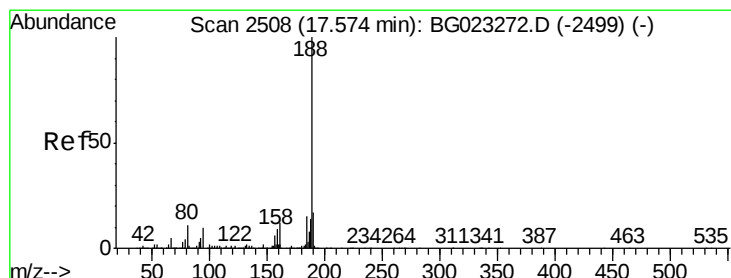
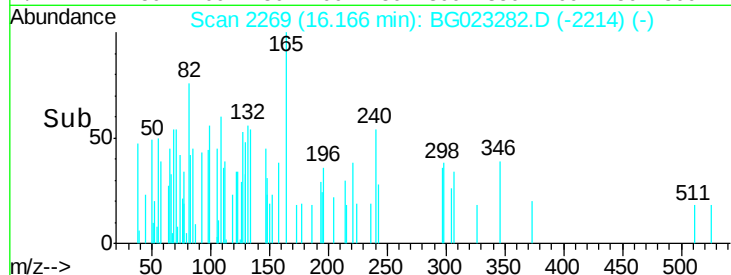
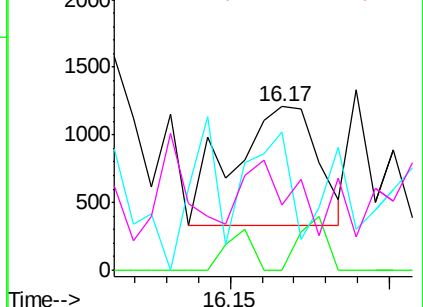


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

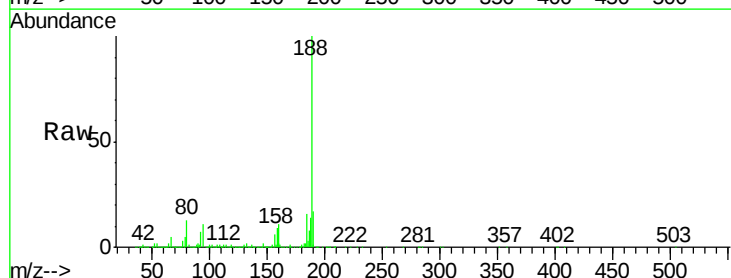
Tgt Ion: 188 Resp: 1276719

Ion Ratio Lower Upper

188 100

94 10.6 5.2 7.8#

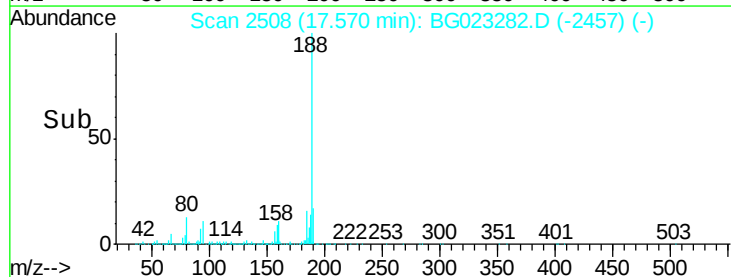
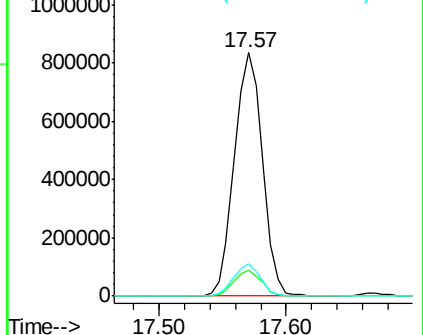
80 13.1 7.2 10.8#

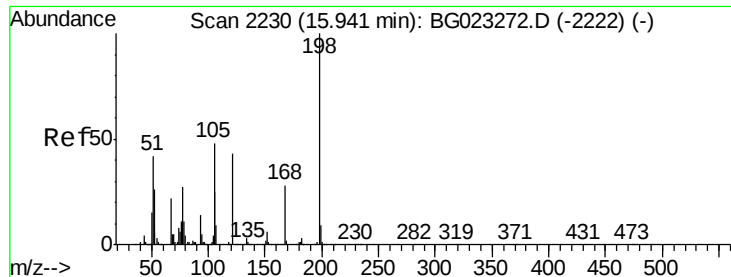


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

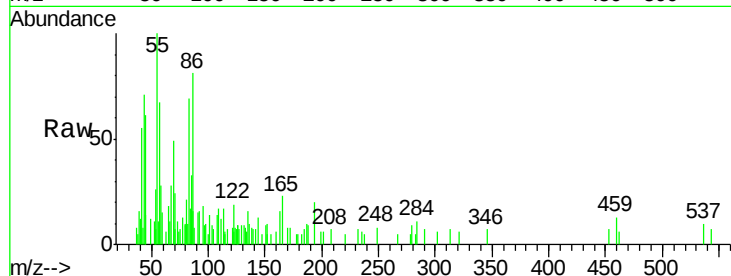




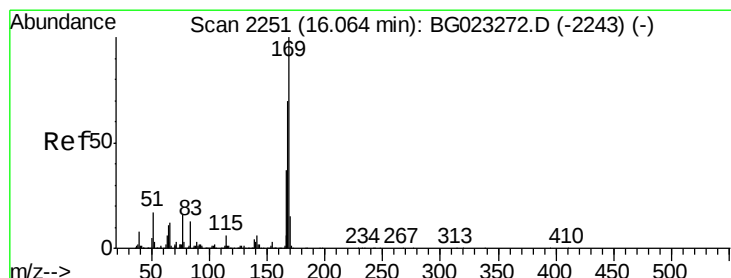
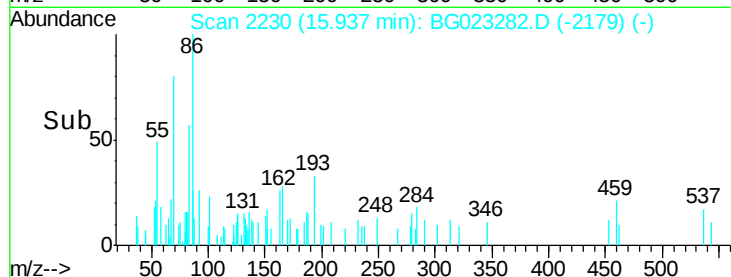
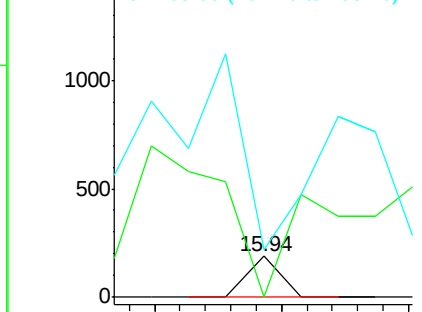
#64
4,6-Dinitro-2-methylphenol
Concen: 0.01 ng
RT: 15.94 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

Tgt Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 0.0 26.0 66.0#
105 116.4 20.1 60.1#

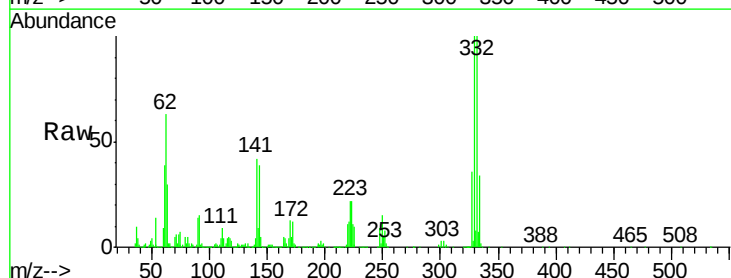


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

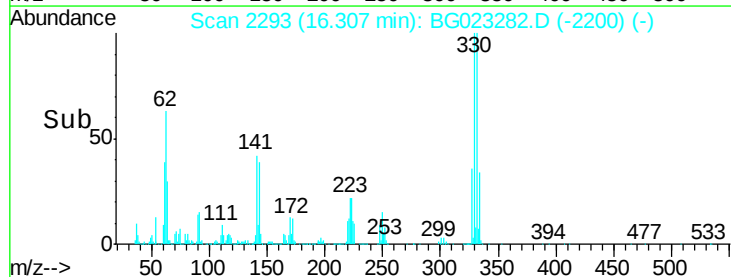
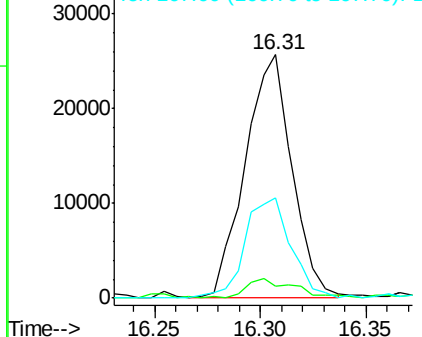


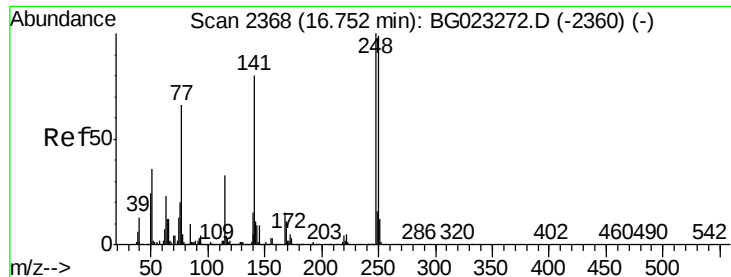
#65
n-Nitrosodiphenylamine
Concen: 1.16 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.25 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:169 Resp: 39634
Ion Ratio Lower Upper
169 100
168 5.0 55.0 82.4#
167 41.2 27.4 41.0#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

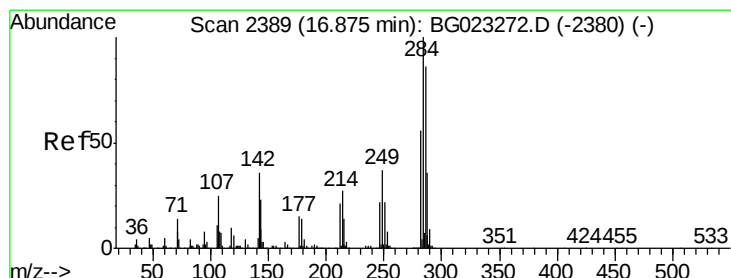
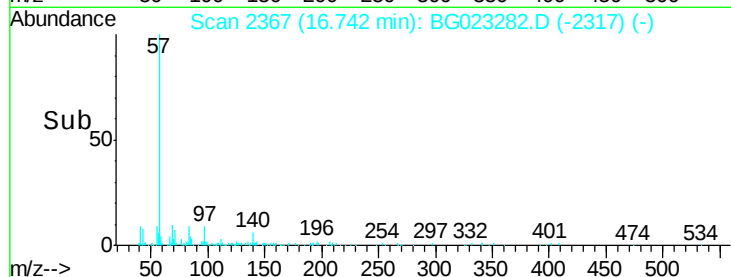
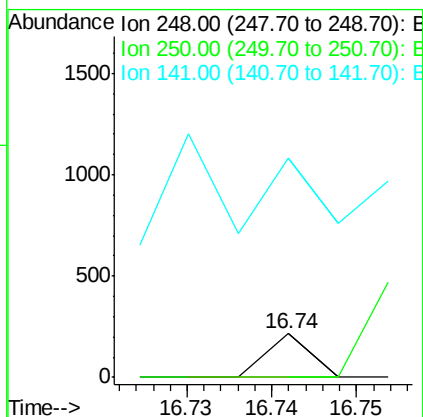
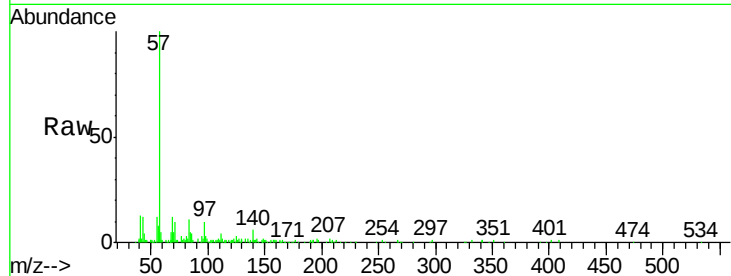




#66
4-Bromophenyl-phenylether
Concen: 0.01 ng
RT: 16.74 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

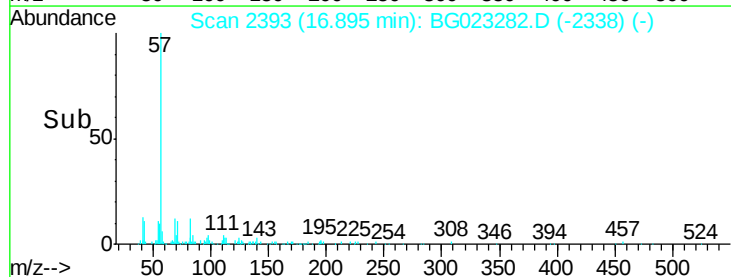
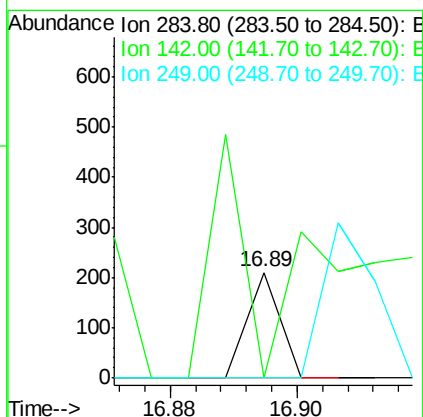
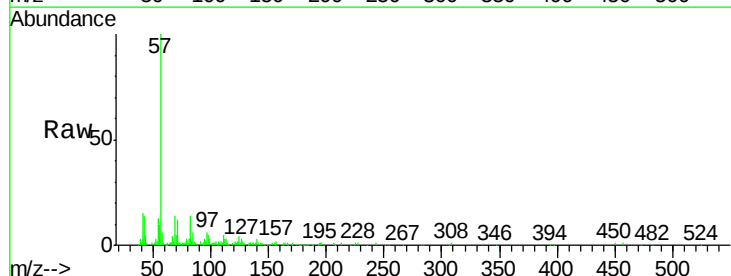
Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

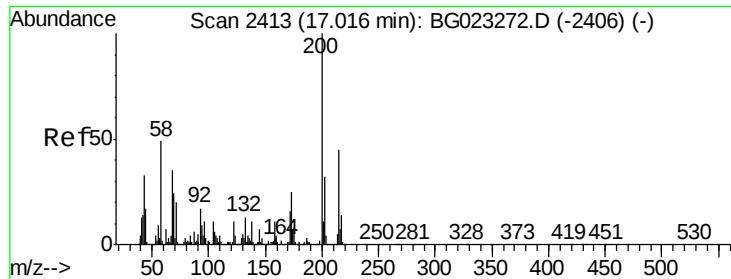
Tgt Ion:248 Resp: 75
Ion Ratio Lower Upper
248 100
250 0.0 77.8 116.8#
141 505.1 65.7 98.5#



#67
Hexachlorobenzene
Concen: 0.01 ng
RT: 16.89 min Scan# 2393
Delta R.T. 0.02 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:284 Resp: 74
Ion Ratio Lower Upper
284 100
142 0.0 26.8 40.2#
249 0.0 28.9 43.3#





#68

Atrazine

Concen: 0.01 ng

RT: 17.02 min Scan# 2414

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

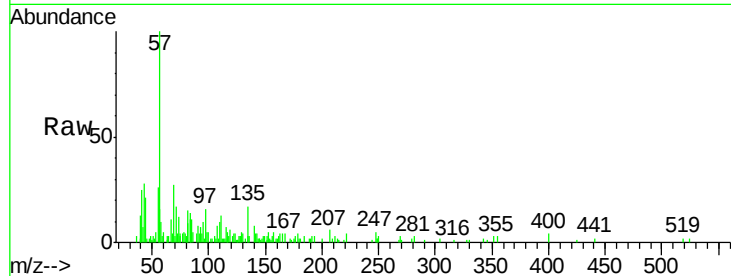
Tgt Ion:200 Resp: 66

Ion Ratio Lower Upper

200 100

173 0.0 1.6 41.6#

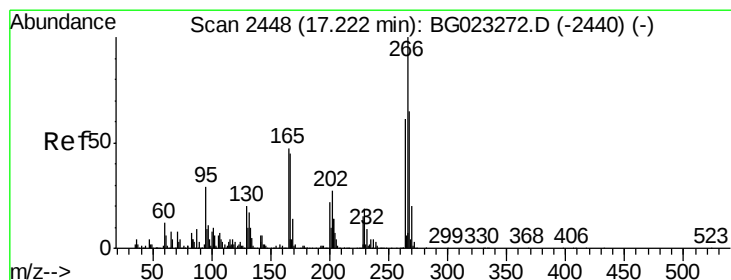
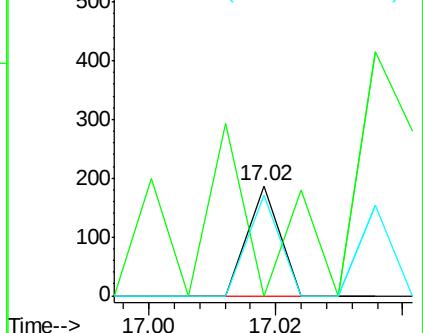
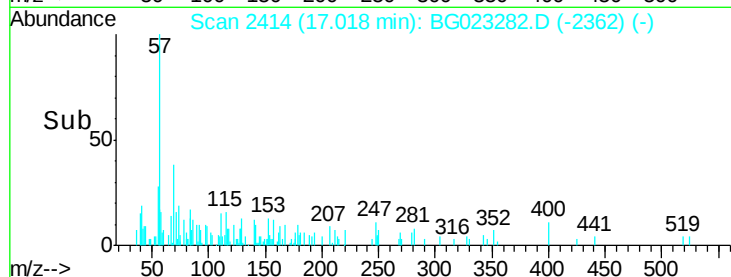
215 92.0 28.7 68.7#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.09 ng

RT: 17.22 min Scan# 2449

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

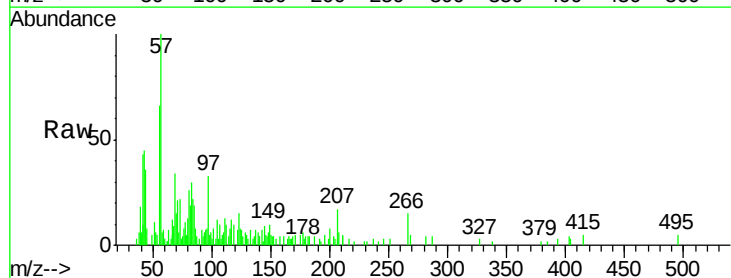
Tgt Ion:266 Resp: 737

Ion Ratio Lower Upper

266 100

268 36.9 51.9 77.9#

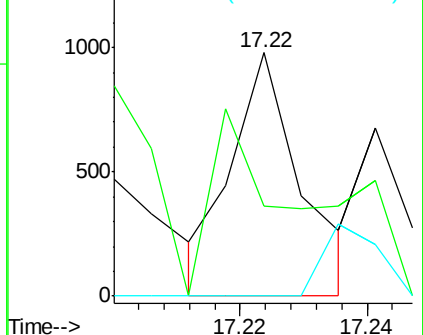
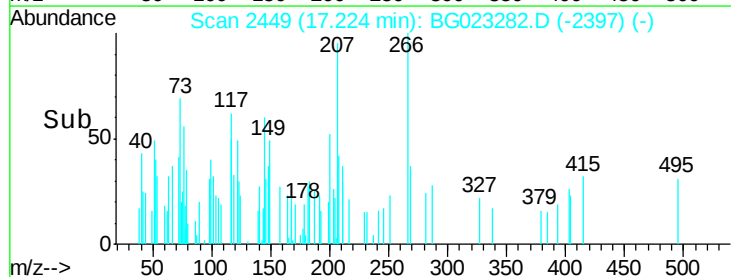
264 0.0 50.6 75.8#

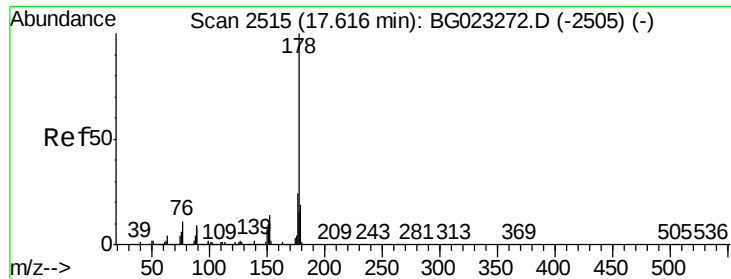


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.03 ng

RT: 17.62 min Scan# 2516

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

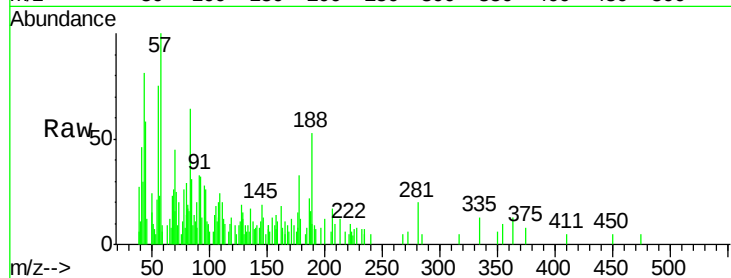
Tgt Ion:178 Resp: 1489

Ion Ratio Lower Upper

178 100

176 24.7 16.8 25.2

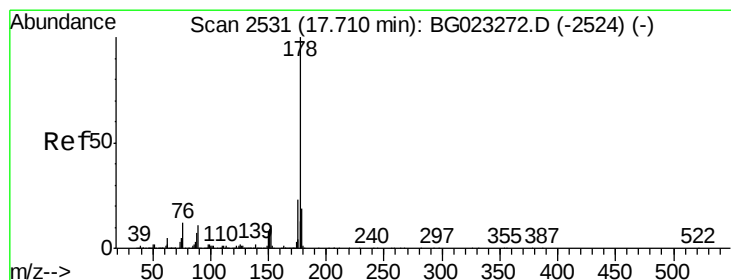
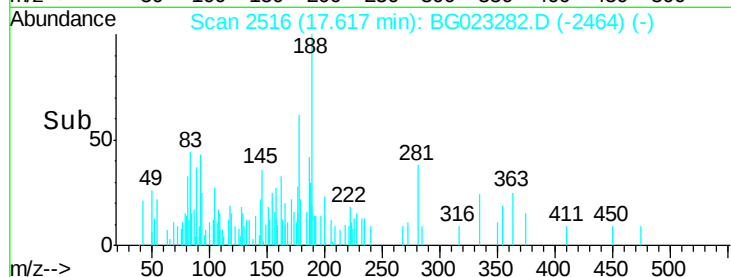
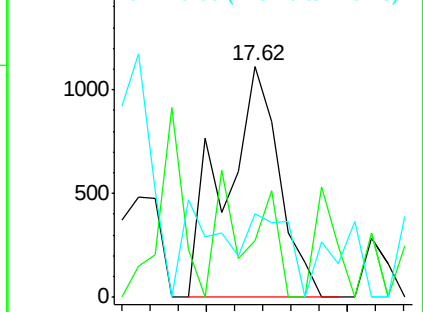
179 36.1 14.3 21.5#



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: 17.72 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

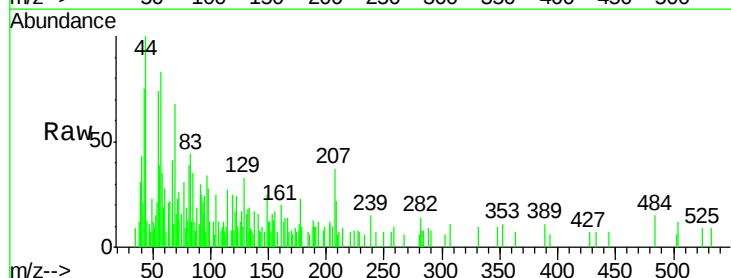
Tgt Ion:178 Resp: 642

Ion Ratio Lower Upper

178 100

176 46.3 17.3 25.9#

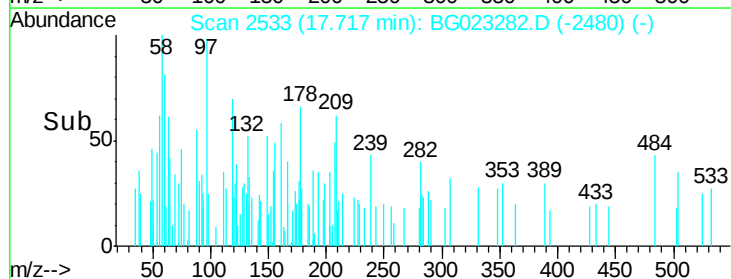
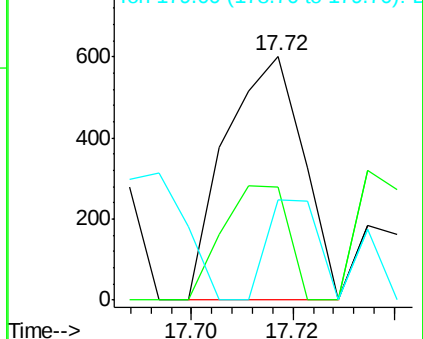
179 41.1 14.0 21.0#

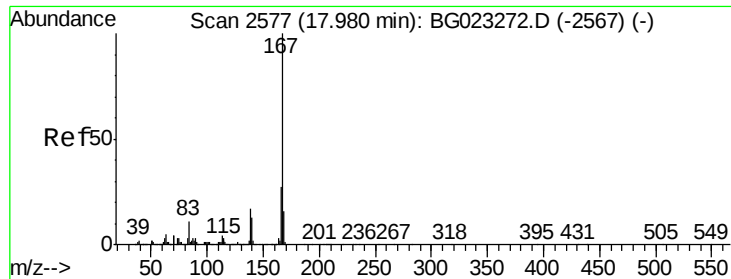


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

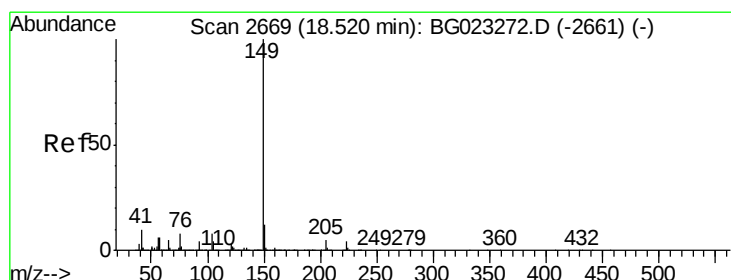
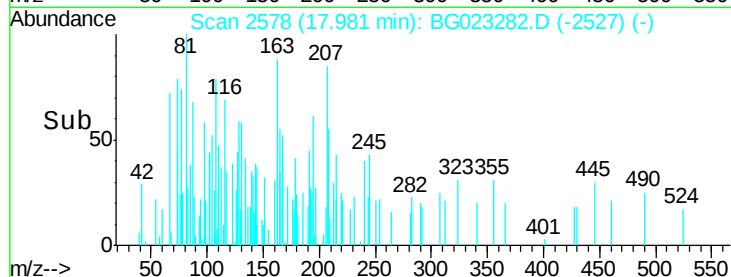
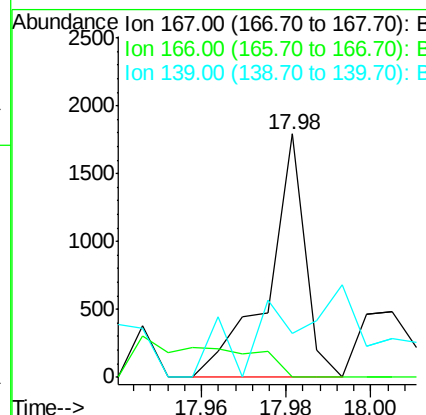
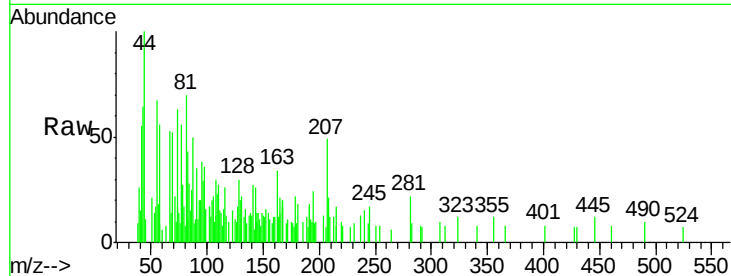




#72
 Carbazole
 Concen: 0.02 ng
 RT: 17.98 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

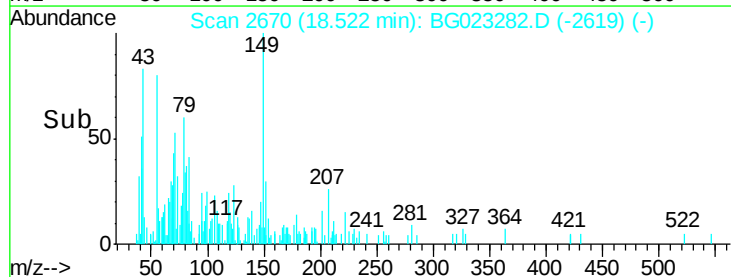
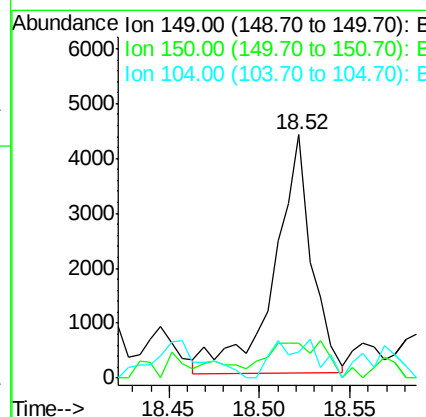
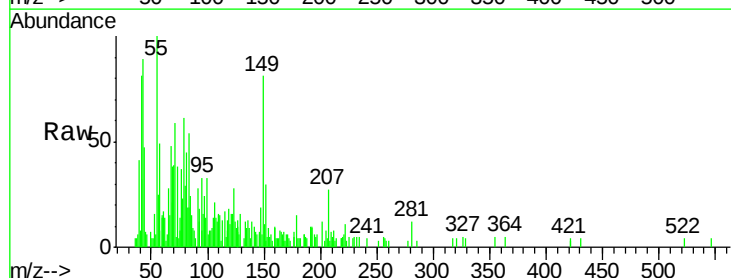
Instrument :
 BNA_G
 ClientSampleId :
 GW-11-5.0-15.0

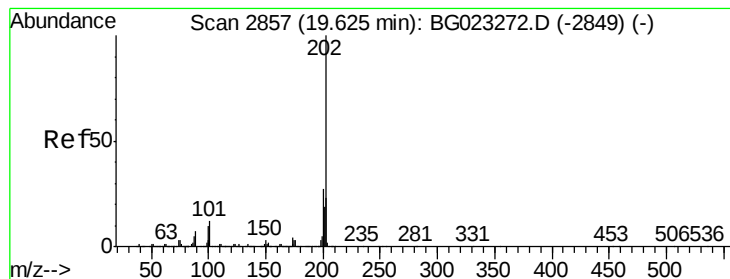
Tgt Ion:167 Resp: 1093
 Ion Ratio Lower Upper
 167 100
 166 0.0 20.7 31.1#
 139 18.3 11.9 17.9#



#73
 Di-n-butylphthalate
 Concen: 0.11 ng
 RT: 18.52 min Scan# 2670
 Delta R.T. -0.00 min
 Lab File: BG023282.D
 Acq: 27 Jul 2016 14:22

Tgt Ion:149 Resp: 6275
 Ion Ratio Lower Upper
 149 100
 150 14.1 9.1 13.7#
 104 10.9 6.9 10.3#





#74

Fluoranthene

Concen: 0.02 ng

RT: 19.62 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

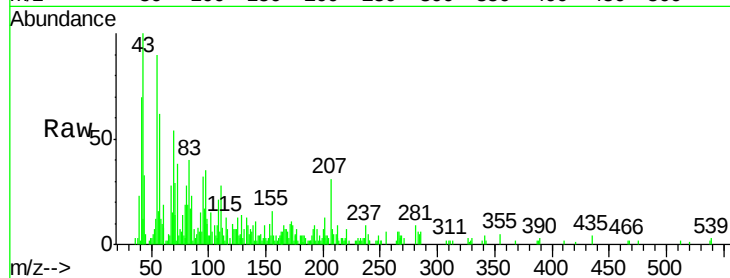
Tgt Ion: 202 Resp: 1208

Ion Ratio Lower Upper

202 100

101 29.5 0.0 27.4#

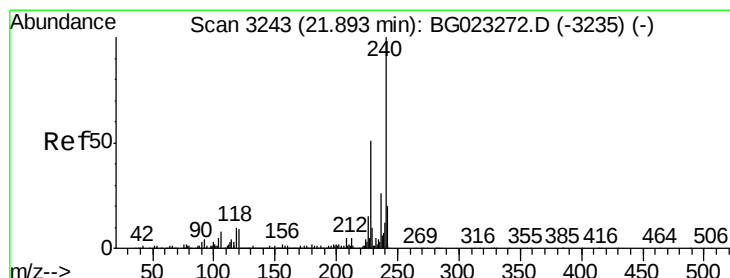
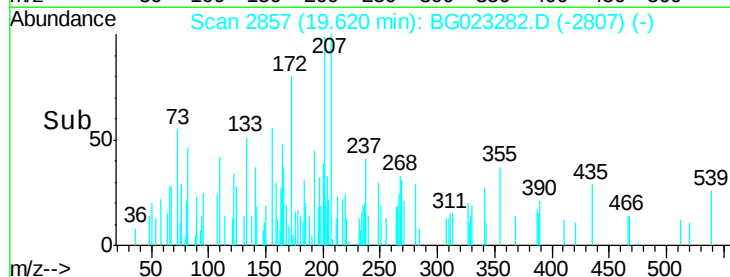
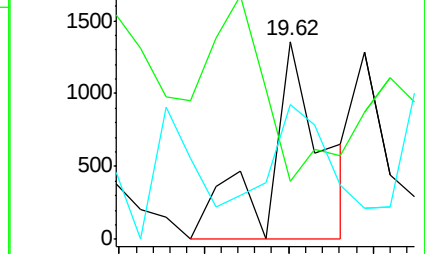
203 67.8 1.7 41.7#



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# 3244

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

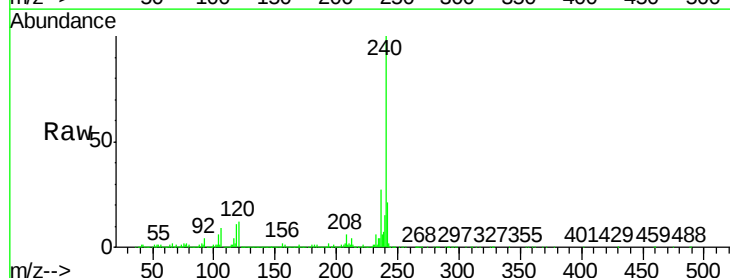
Tgt Ion: 240 Resp: 1255302

Ion Ratio Lower Upper

240 100

120 11.9 4.1 6.1#

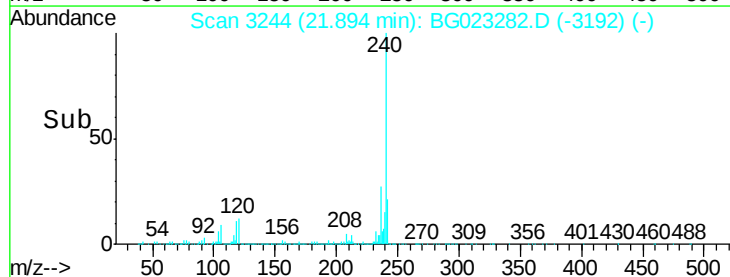
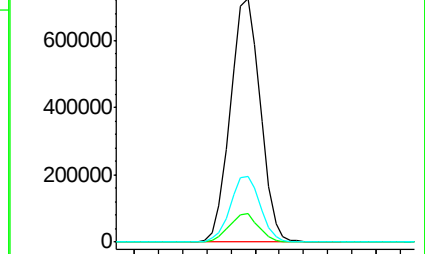
236 27.2 21.1 31.7

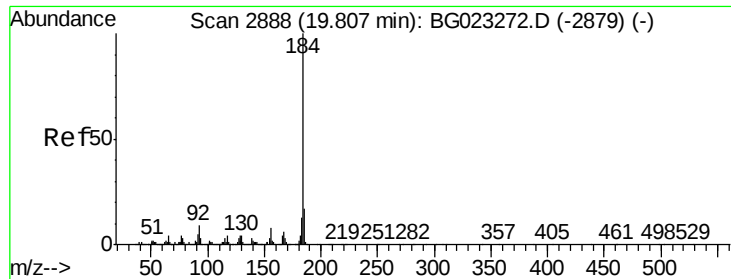


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.26 ng

RT: 19.81 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

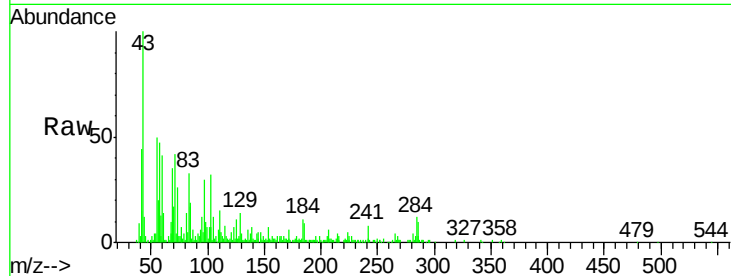
Tgt Ion:184 Resp: 9011

Ion Ratio Lower Upper

184 100

185 79.9 12.6 19.0#

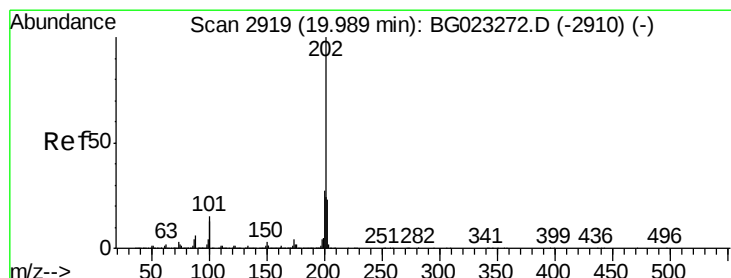
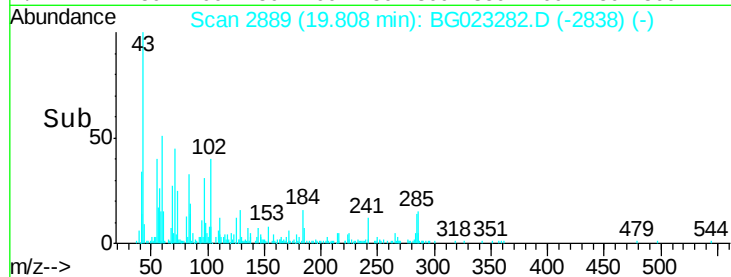
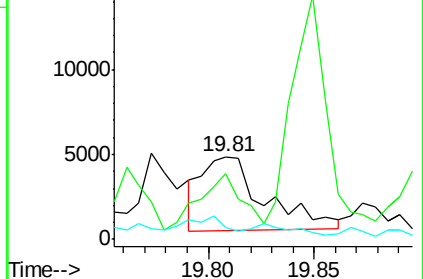
183 14.9 10.7 16.1



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: 0.02 ng

RT: 19.99 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

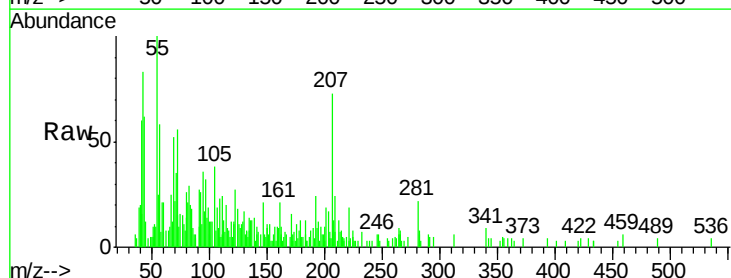
Tgt Ion:202 Resp: 1708

Ion Ratio Lower Upper

202 100

200 50.2 21.2 31.8#

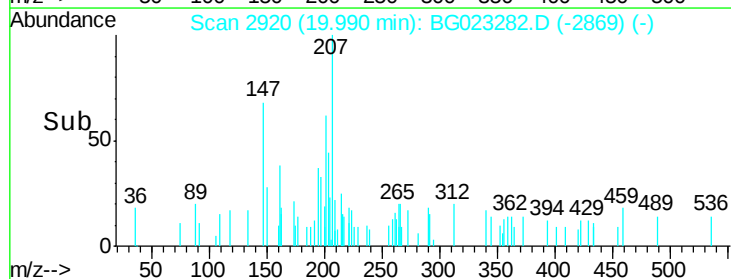
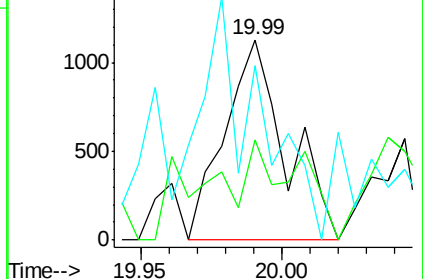
203 86.6 16.8 25.2#

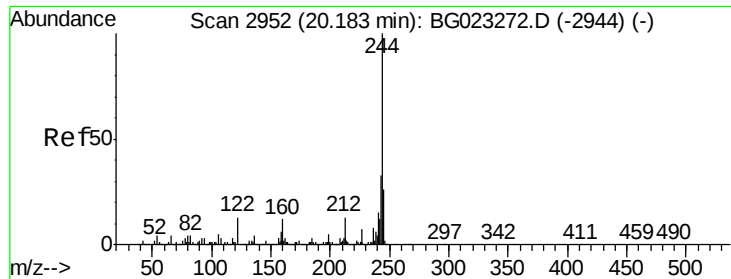


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.25 ng

RT: 20.18 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

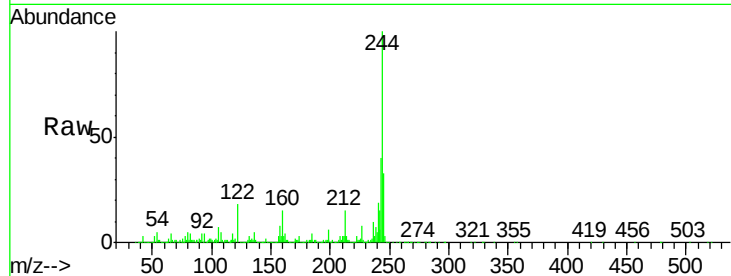
Tgt Ion:244 Resp: 3369365

Ion Ratio Lower Upper

244 100

212 15.1 10.8 16.2

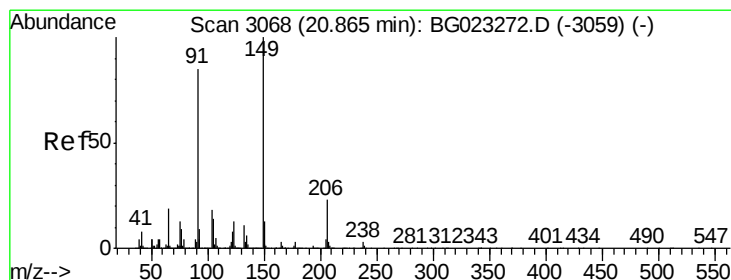
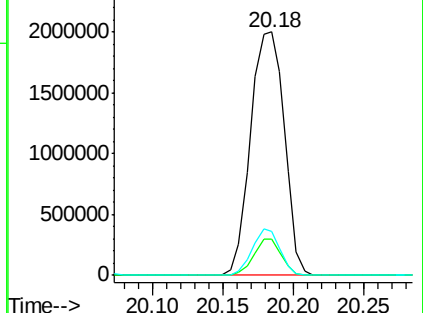
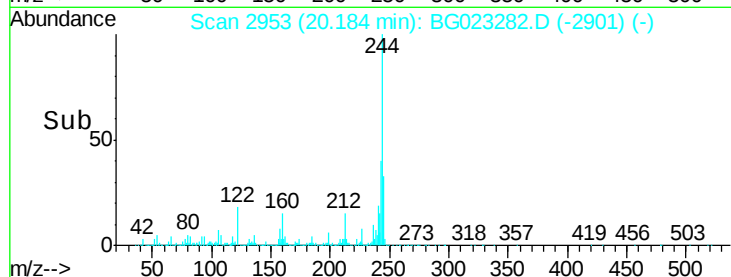
122 18.0 8.0 12.0#



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: 0.02 ng

RT: 20.87 min Scan# 3070

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

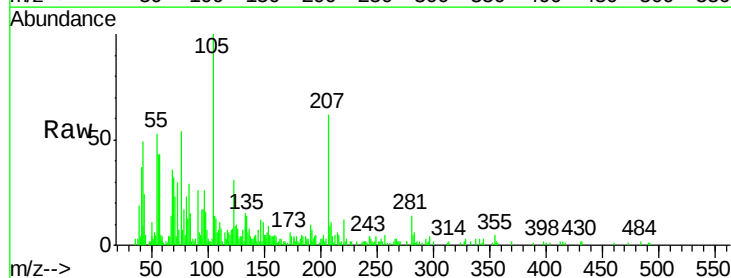
Tgt Ion:149 Resp: 708

Ion Ratio Lower Upper

149 100

91 232.5 68.1 102.1#

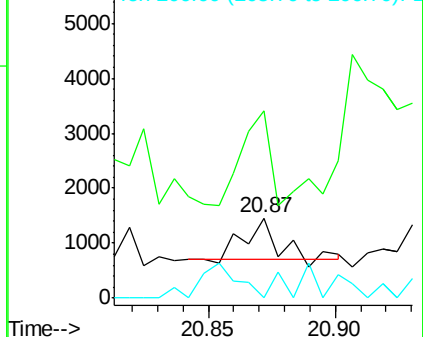
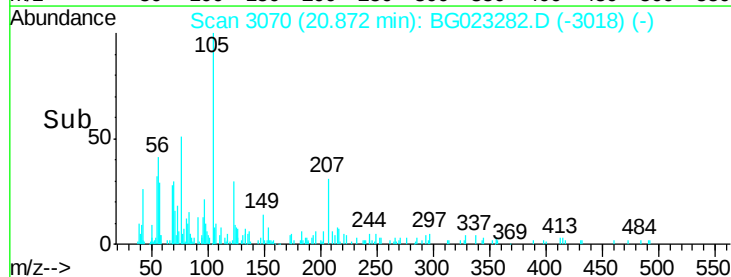
206 0.0 19.8 29.6#

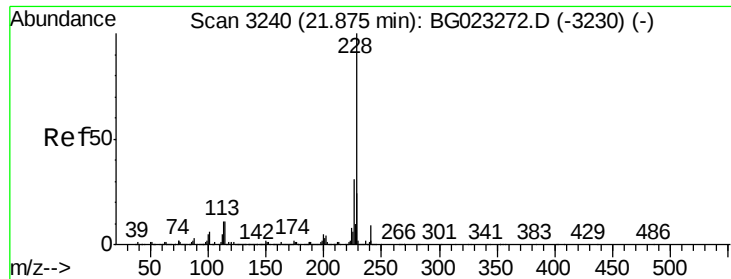


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.08 ng

RT: 21.89 min Scan# 3243

Delta R.T. 0.02 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

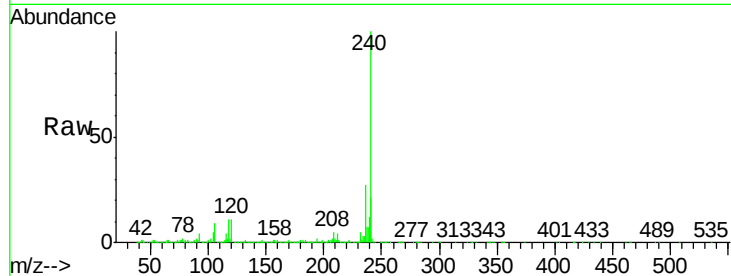
Tgt Ion:228 Resp: 5485

Ion Ratio Lower Upper

228 100

226 14.4 25.3 37.9#

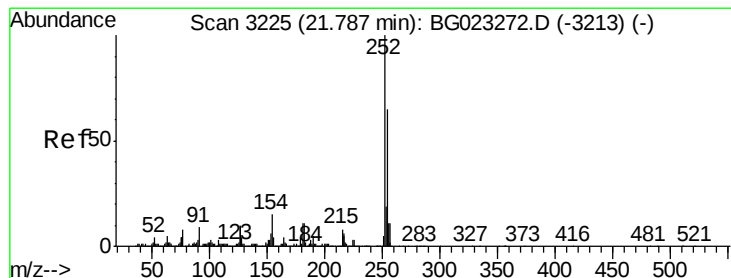
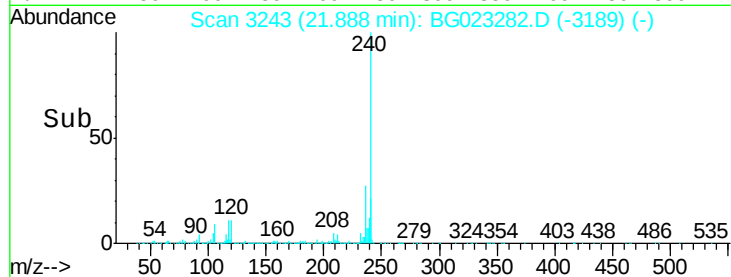
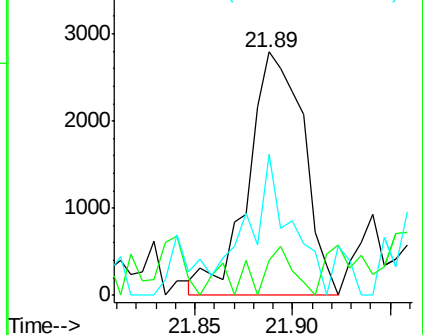
229 57.9 19.9 29.9#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.05 ng

RT: 21.79 min Scan# 3227

Delta R.T. 0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

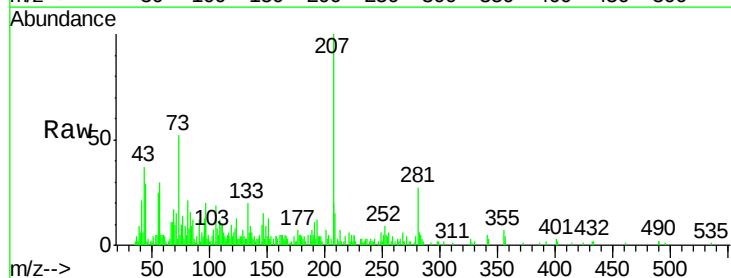
Tgt Ion:252 Resp: 1203

Ion Ratio Lower Upper

252 100

254 52.2 51.2 76.8

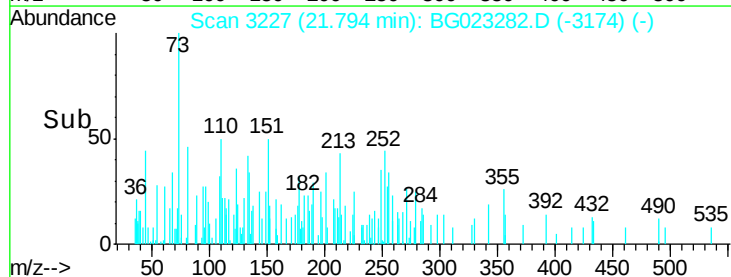
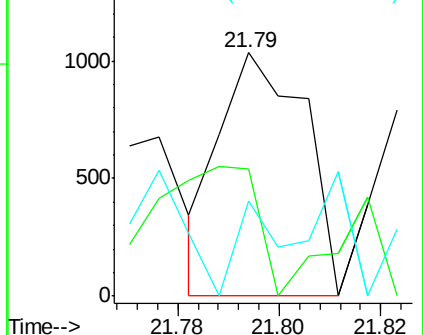
126 39.0 5.3 7.9#

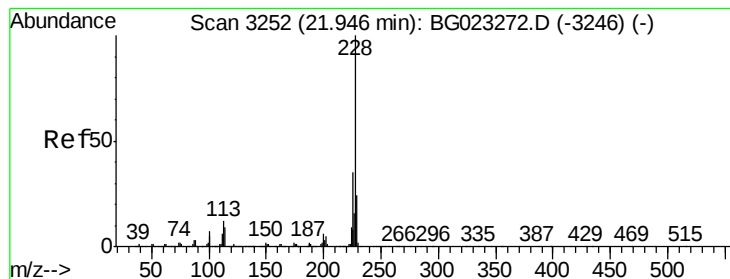


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.01 ng

RT: 21.94 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

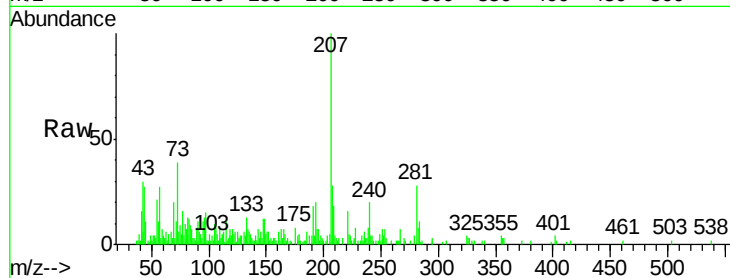
Tgt Ion:228 Resp: 945

Ion Ratio Lower Upper

228 100

226 26.2 26.7 40.1#

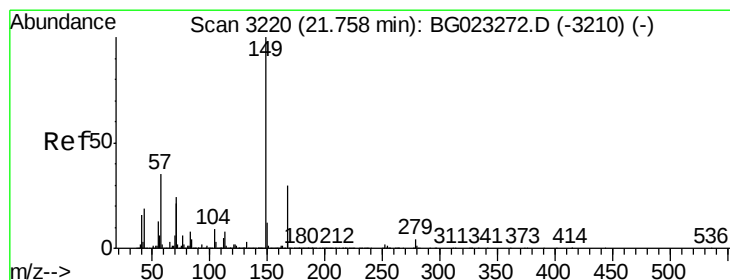
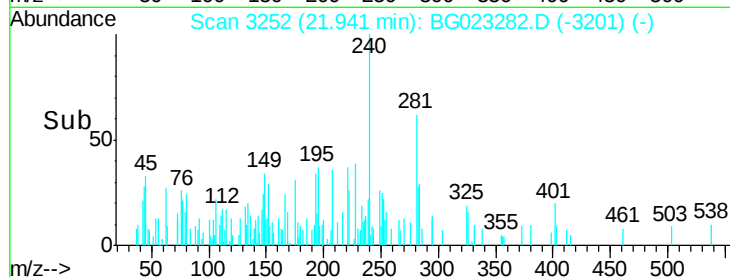
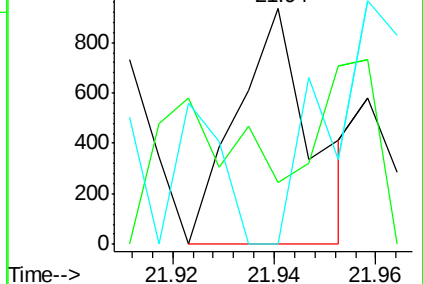
229 0.0 17.4 26.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

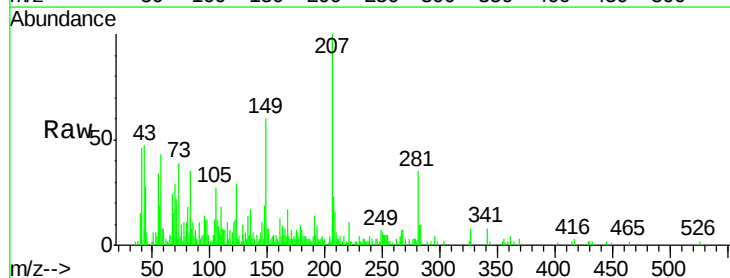
Tgt Ion:149 Resp: 11548

Ion Ratio Lower Upper

149 100

167 28.2 24.0 36.0

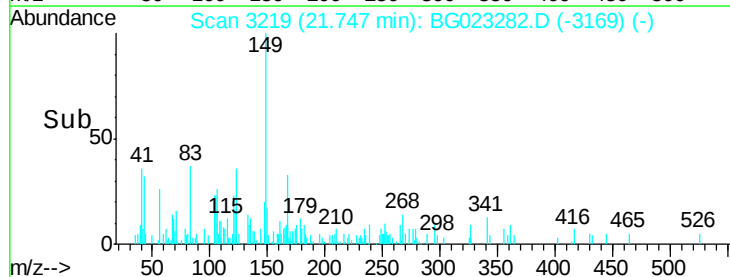
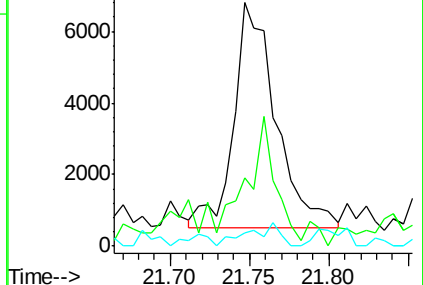
279 5.4 4.8 7.2

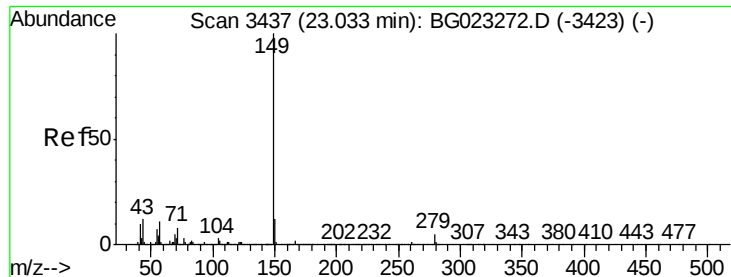


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.02 ng

RT: 23.02 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

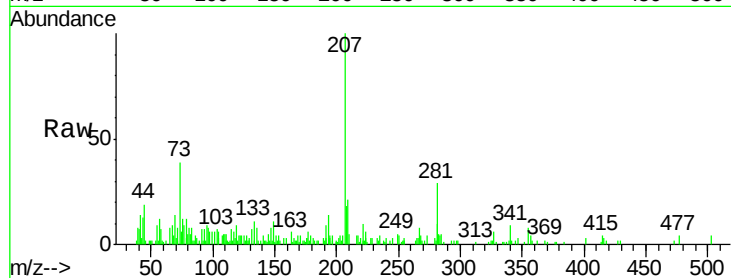
Tgt Ion:149 Resp: 1516

Ion Ratio Lower Upper

149 100

167 49.5 1.5 2.3#

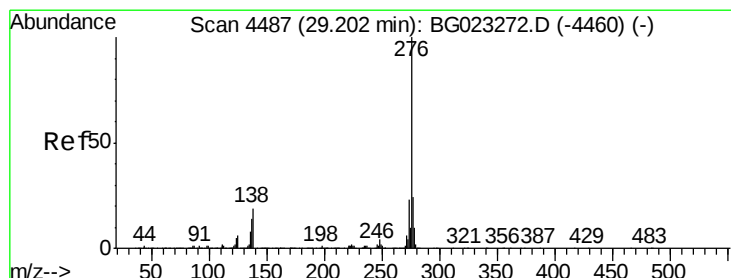
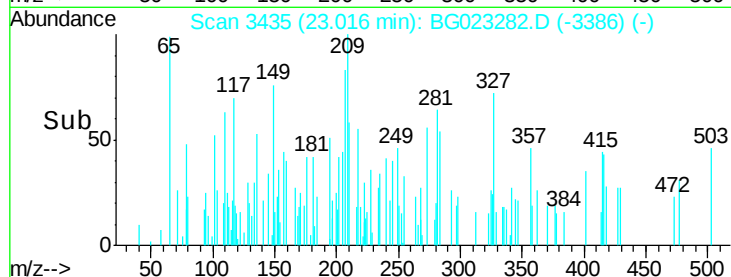
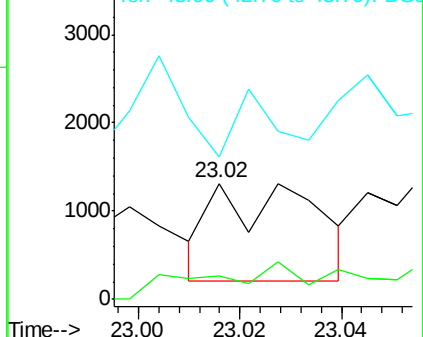
43 0.0 8.8 13.2#



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): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng

RT: 29.19 min Scan# 4486

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

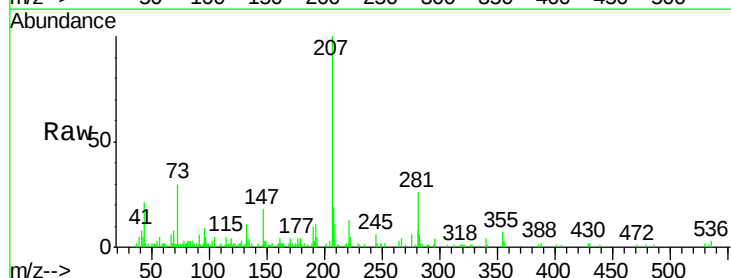
Tgt Ion:276 Resp: 529

Ion Ratio Lower Upper

276 100

138 14.7 0.0 0.0#

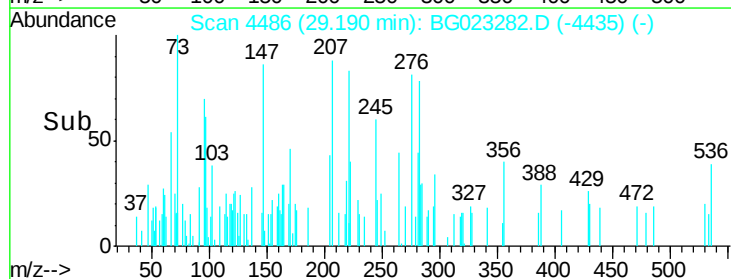
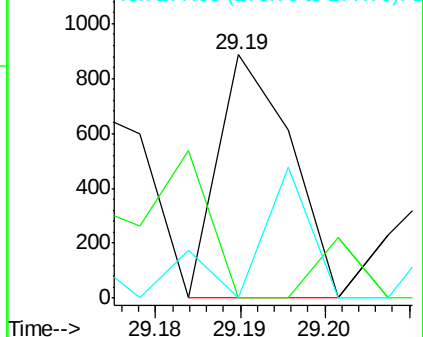
277 43.3 0.0 0.0#

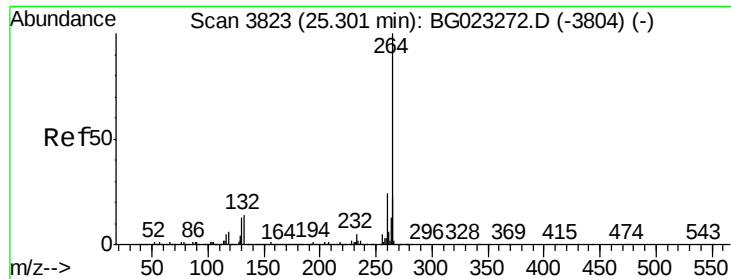


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



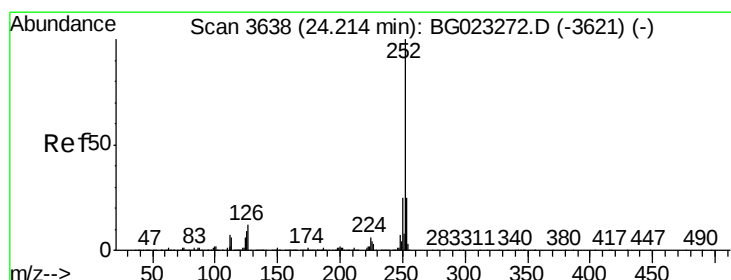
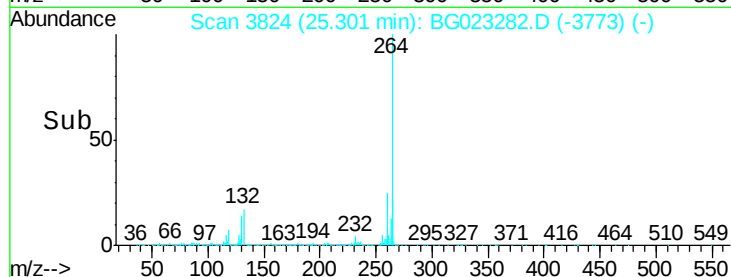
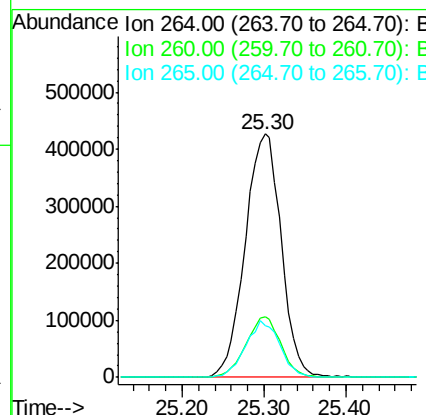
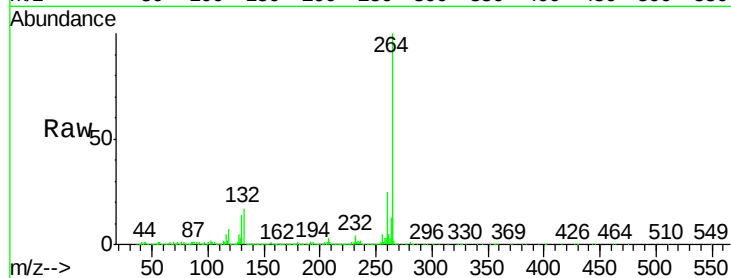


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Instrument :
BNA_G
ClientSampleId :
GW-11-5.0-15.0

Tgt Ion:264 Resp: 1305077

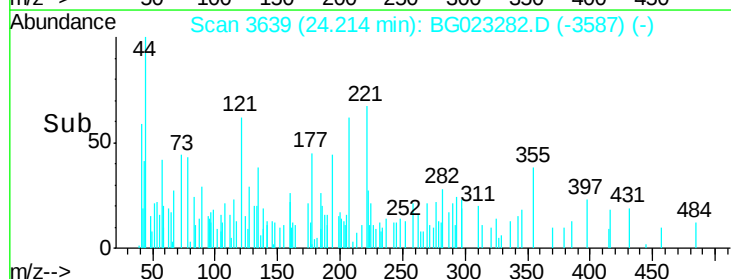
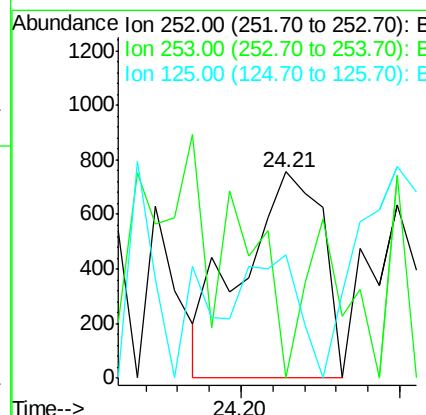
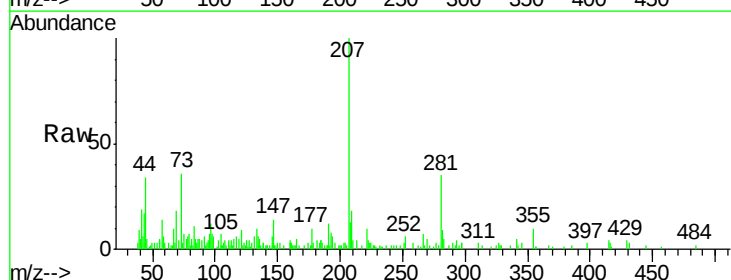
Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.0	18.9	28.3

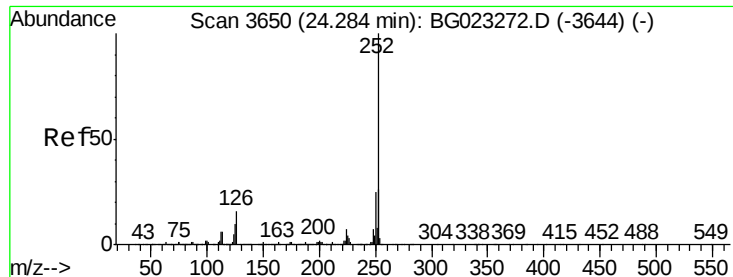


#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 24.21 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG023282.D
Acq: 27 Jul 2016 14:22

Tgt Ion:252 Resp: 1329

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.9	28.3#
125	59.8	3.9	5.9#





#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 24.28 min Scan# 3650

Delta R.T. -0.01 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

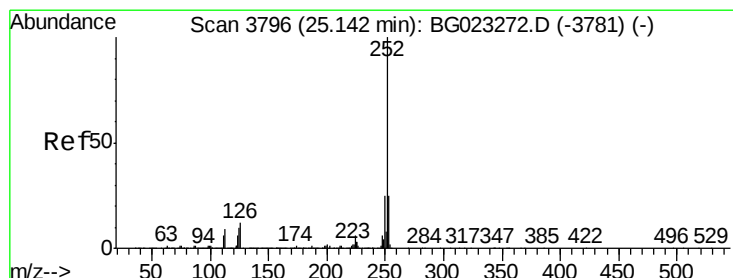
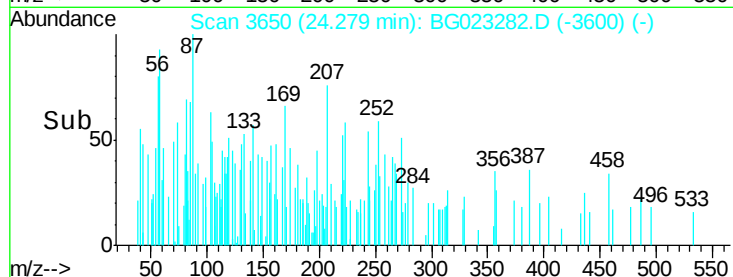
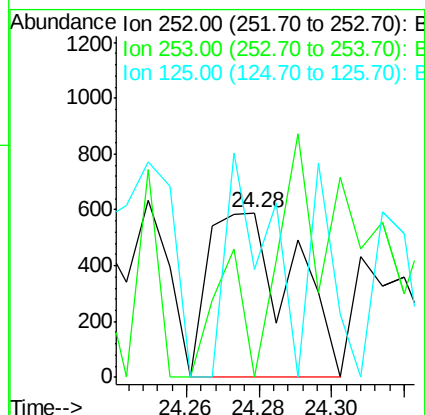
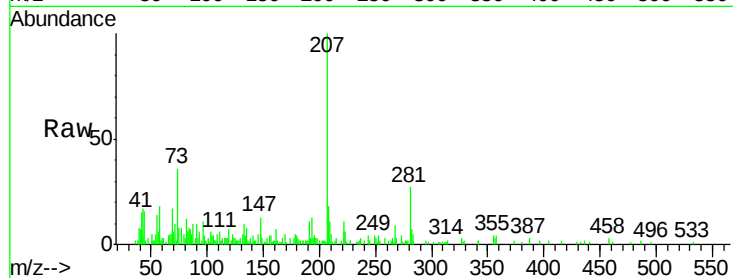
Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

Tgt Ion:	252	Resp:	954
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.8	28.2#
125	66.0	3.2	4.8#



#89

Benzo(a)pyrene

Concen: 0.01 ng

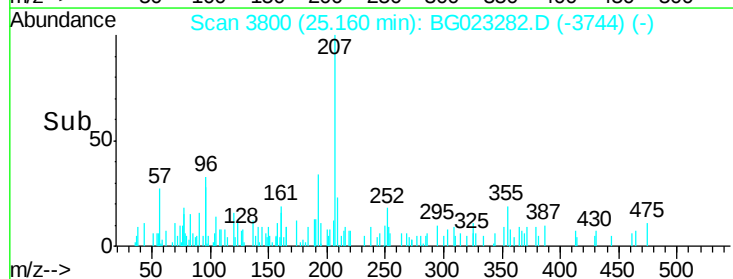
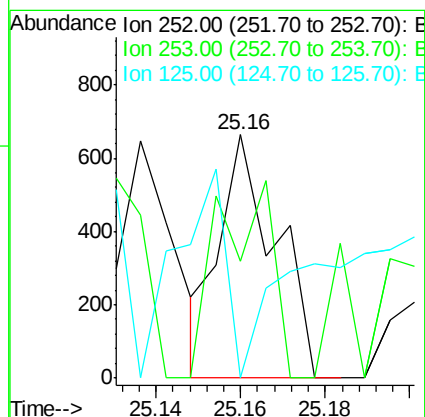
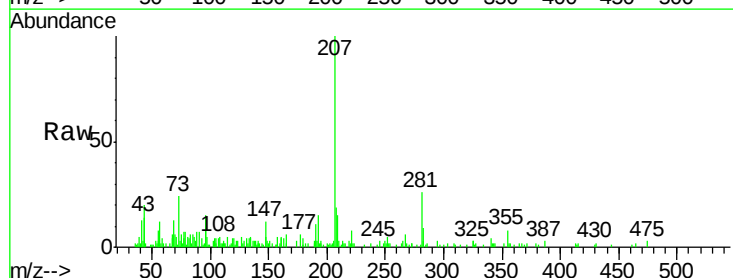
RT: 25.16 min Scan# 3800

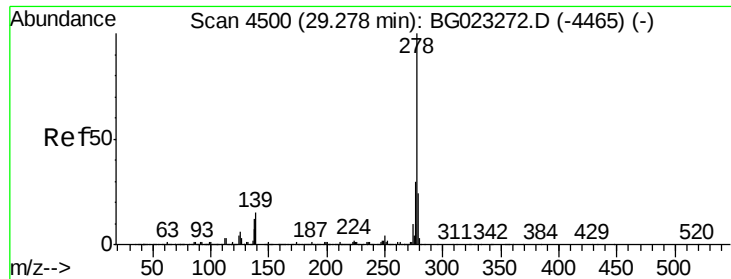
Delta R.T. 0.03 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Tgt Ion:	252	Resp:	607
Ion Ratio	Lower	Upper	
252	100		
253	48.2	18.7	28.1#
125	0.0	3.9	5.9#





#90

Dibenzo(a,h)anthracene

Concen: 0.01 ng

RT: 29.25 min Scan# 4497

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

Instrument :

BNA_G

ClientSampleId :

GW-11-5.0-15.0

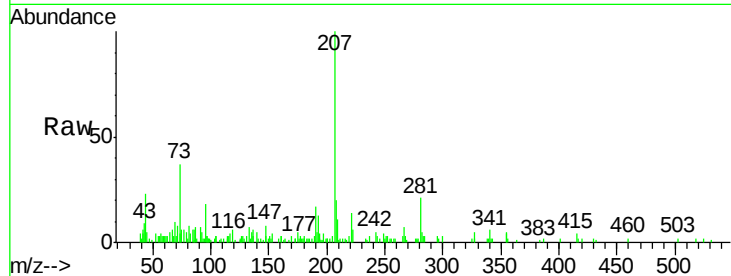
Tgt Ion:278 Resp: 394

Ion Ratio Lower Upper

278 100

139 0.0 4.7 7.1#

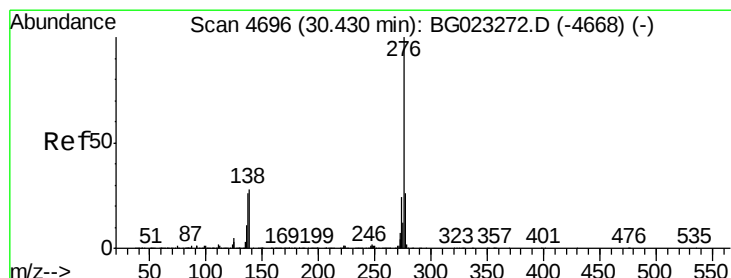
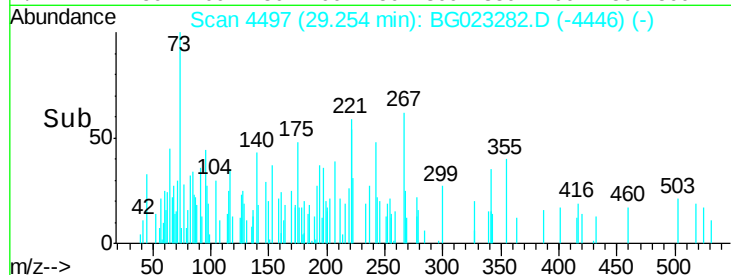
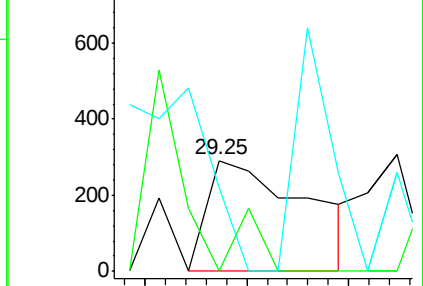
279 75.6 18.3 27.5#



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



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 30.42 min Scan# 4695

Delta R.T. -0.00 min

Lab File: BG023282.D

Acq: 27 Jul 2016 14:22

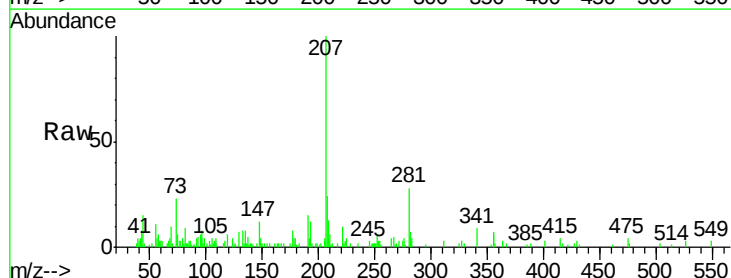
Tgt Ion:276 Resp: 594

Ion Ratio Lower Upper

276 100

277 27.8 18.6 27.8

138 34.7 6.8 10.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

