

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023287.D
 Acq On : 27 Jul 2016 17:42
 Operator : UM/SJ
 Sample : H4152-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-16-7.0-15.0

Quant Time: Jul 28 01:11:18 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	204878	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	890550	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	560334	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1262371	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1275084	20.00	ng	0.00
86) Perylene-d12	25.30	264	1183893	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	902071	75.17	ng	0.00
7) Phenol-d6	7.29	99	963924	52.32	ng	0.00
23) Nitrobenzene-d5	9.31	82	1475371	81.02	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	830791	143.25	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2803588	93.64	ng	0.00
78) Terphenyl-d14	20.18	244	3150318	80.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	564	0.11	ng	# 1
3) Pyridine	3.96	79	446	0.02	ng	# 14
4) n-Nitrosodimethylamine	3.86	42	577	0.07	ng	# 2
6) Aniline	7.42	93	168	0.01	ng	# 37
8) 2-Chlorophenol	7.70	128	324	0.02	ng	# 1
9) Benzaldehyde	7.28	77	4206	0.32	ng	88
10) Phenol	7.32	94	5379	0.28	ng	92
11) bis(2-Chloroethyl)ether	7.52	93	198	0.01	ng	# 44
12) 1,3-Dichlorobenzene	8.05	146	74	0.00	ng	# 24
13) 1,4-Dichlorobenzene	8.19	146	70	0.00	ng	# 1
14) 1,2-Dichlorobenzene	8.47	146	743	0.05	ng	# 1
15) Benzyl Alcohol	8.38	79	29579	2.39	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.69	45	185	0.01	ng	# 1
17) 2-Methylphenol	8.49	107	537	0.04	ng	# 1
18) Hexachloroethane	9.21	117	108	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	8.93	70	145	0.01	ng	# 65
20) 3+4-Methylphenols	8.92	107	4946	0.27	ng	# 46
22) Acetophenone	8.97	105	412	0.02	ng	# 1
24) Nitrobenzene	9.37	77	227	0.01	ng	# 32
25) Isophorone	9.87	82	1539	0.04	ng	# 44
26) 2-Nitrophenol	10.08	139	170	0.02	ng	# 15
27) 2,4-Dimethylphenol	10.14	122	258	0.02	ng	# 35
28) bis(2-Chloroethoxy)methane	10.38	93	435	0.02	ng	# 87
29) 2,4-Dichlorophenol	10.62	162	178	0.01	ng	# 25
30) 1,2,4-Trichlorobenzene	10.79	180	65	0.00	ng	# 14
31) Naphthalene	11.02	128	41914	1.01	ng	# 94
32) Benzoic acid	10.28	122	1211	8.20	ng	# 62
33) 4-Chloroaniline	11.02	127	5606	0.29	ng	# 50
34) Hexachlorobutadiene	11.24	225	143	0.02	ng	# 18
35) Caprolactam	11.89	113	268	0.05	ng	# 1
36) 4-Chloro-3-methylphenol	12.25	107	64	0.00	ng	# 26
37) 2-Methylnaphthalene	12.63	142	16577	0.54	ng	# 64
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	55	0.00	ng	# 1
40) Hexachlorocyclopentadiene	13.02	237	155	0.02	ng	# 26

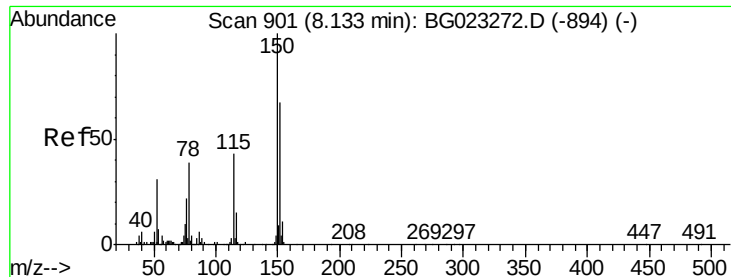
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023287.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	80	0.01	ng	# 11
43) 2,4,5-Trichlorophenol	13.30	196	110	0.01	ng	# 1
45) 1,1'-Biphenyl	13.63	154	3439	0.09	ng	# 45
46) 2-Chloronaphthalene	13.69	162	145	0.00	ng	# 38
47) 2-Nitroaniline	13.83	65	442	0.03	ng	# 87
48) Acenaphthylene	14.54	152	1711	0.04	ng	# 79
49) Dimethylphthalate	14.25	163	158608	3.84	ng	# 99
50) 2,6-Dinitrotoluene	14.41	165	114	0.01	ng	# 54
51) Acenaphthene	14.87	154	32193	1.04	ng	# 97
52) 3-Nitroaniline	14.69	138	1837	0.19	ng	# 14
53) 2,4-Dinitrophenol	14.97	184	64	0.01	ng	# 22
54) Dibenzofuran	15.21	168	18584	0.42	ng	# 86
55) 4-Nitrophenol	15.09	139	460	0.05	ng	# 1
56) 2,4-Dinitrotoluene	15.15	165	141	0.01	ng	# 63
57) Fluorene	15.86	166	26698	0.69	ng	# 90
58) 2,3,4,6-Tetrachlorophenol	15.45	232	57	0.01	ng	# 1
59) Diethylphthalate	15.61	149	3208	0.08	ng	# 47
60) 4-Chlorophenyl-phenylether	15.84	204	55	0.00	ng	# 1
61) 4-Nitroaniline	15.88	138	601	0.06	ng	# 1
62) Azobenzene	16.20	77	2450	0.06	ng	# 69
64) 4,6-Dinitro-2-methylphenol	15.93	198	91	0.01	ng	# 1
65) n-Nitrosodiphenylamine	16.30	169	36635	1.09	ng	# 48
66) 4-Bromophenyl-phenylether	16.75	248	145	0.01	ng	# 44
67) Hexachlorobenzene	16.90	284	57	0.00	ng	# 1
68) Atrazine	17.05	200	59	0.00	ng	# 1
69) Pentachlorophenol	17.25	266	248	0.03	ng	# 1
70) Phenanthrene	17.61	178	94267	1.71	ng	# 97
71) Anthracene	17.70	178	16832	0.30	ng	# 99
72) Carbazole	17.99	167	10597	0.21	ng	# 95
73) Di-n-butylphthalate	18.52	149	8773	0.15	ng	# 84
74) Fluoranthene	19.62	202	14107	0.22	ng	# 79
76) Benzidine	19.81	184	215	0.01	ng	# 1
77) Pyrene	19.99	202	12054	0.17	ng	# 89
79) Butylbenzylphthalate	20.86	149	1508	0.05	ng	# 78
80) Benzo(a)anthracene	21.89	228	5994	0.09	ng	# 79
81) 3,3'-Dichlorobenzidine	21.77	252	582	0.02	ng	# 24
82) Chrysene	21.94	228	1511	0.02	ng	# 58
83) Bis(2-ethylhexyl)phthalate	21.74	149	12062	0.27	ng	# 78
84) Di-n-octyl phthalate	23.04	149	1859	0.03	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.20	276	871	0.01	ng	# 100
87) Benzo(b)fluoranthene	24.20	252	695	0.01	ng	# 21
88) Benzo(k)fluoranthene	24.27	252	538	0.01	ng	# 33
89) Benzo(a)pyrene	25.13	252	861	0.01	ng	# 1
90) Dibenzo(a,h)anthracene	29.26	278	478	0.01	ng	# 79
91) Benzo(g,h,i)perylene	30.39	276	438	0.01	ng	# 59

(#) = 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: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

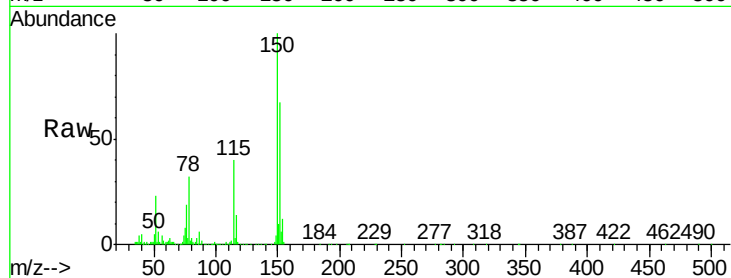
Tgt Ion:152 Resp: 204878

Ion Ratio Lower Upper

152 100

150 149.1 144.7 217.1

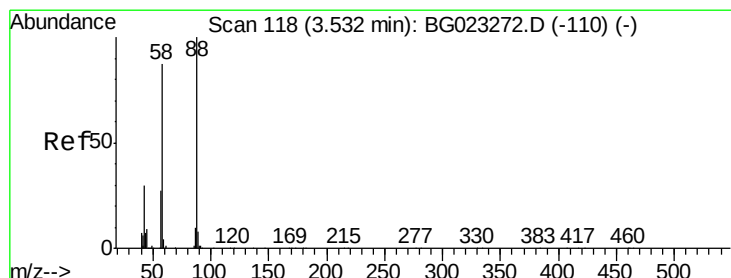
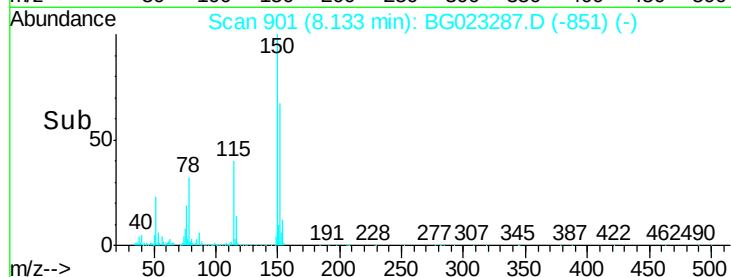
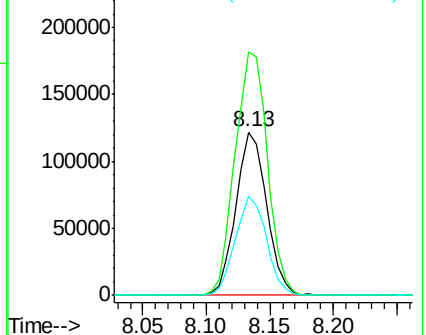
115 60.3 64.0 96.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.11 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

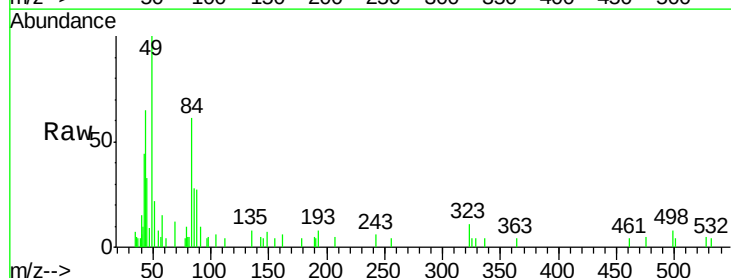
Tgt Ion: 88 Resp: 564

Ion Ratio Lower Upper

88 100

58 177.3 60.4 90.6#

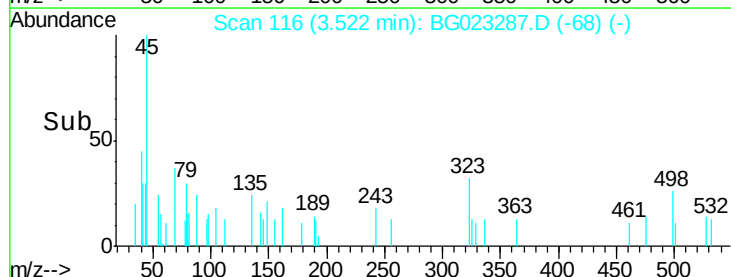
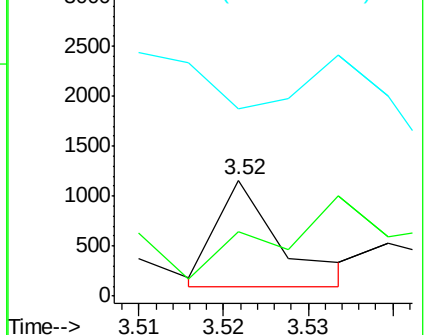
43 0.0 31.1 46.7#

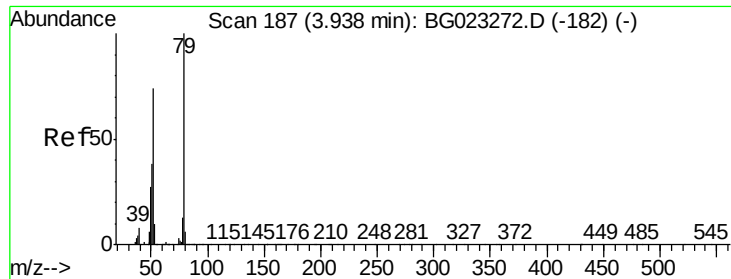


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.02 ng

RT: 3.96 min Scan# 190

Delta R.T. -0.01 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

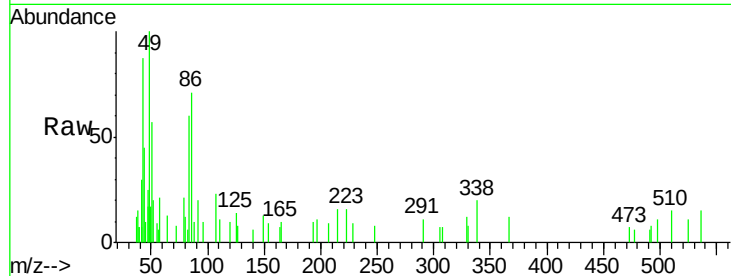
Tgt Ion: 79 Resp: 446

Ion Ratio Lower Upper

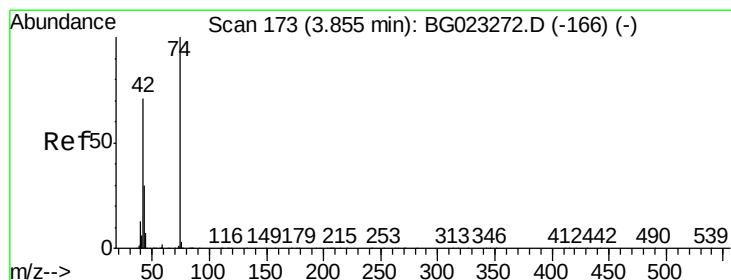
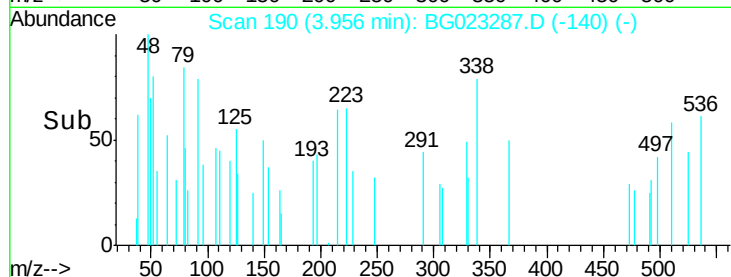
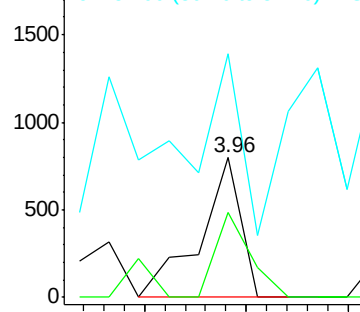
79 100

52 61.1 51.8 77.8

51 174.5 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: 0.07 ng

RT: 3.86 min Scan# 174

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

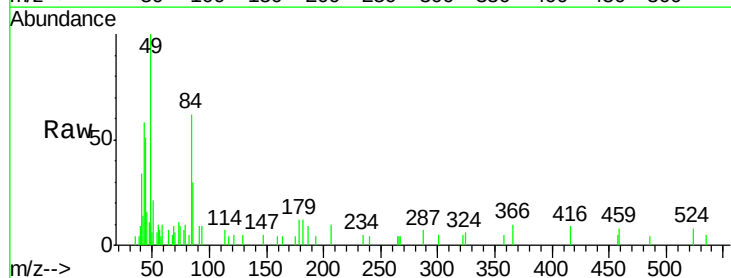
Tgt Ion: 42 Resp: 577

Ion Ratio Lower Upper

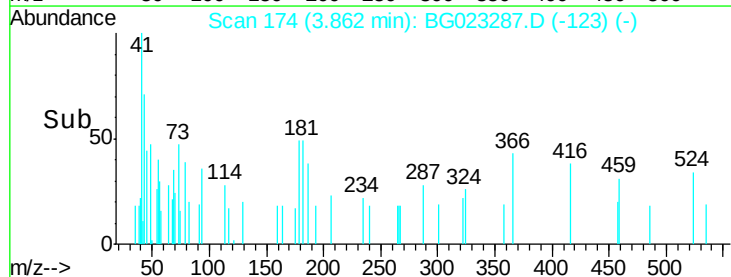
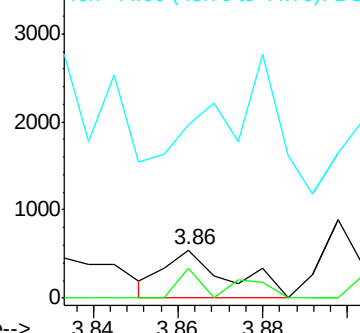
42 100

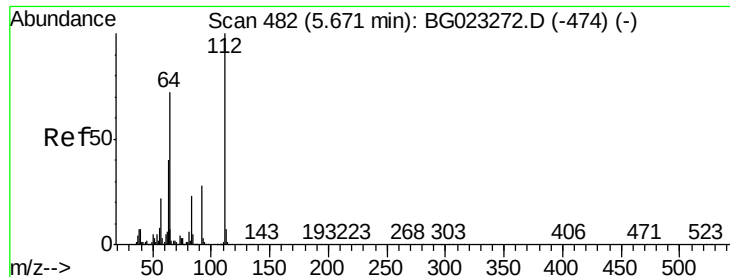
74 62.8 100.6 150.8#

44 358.8 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: 75.17 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

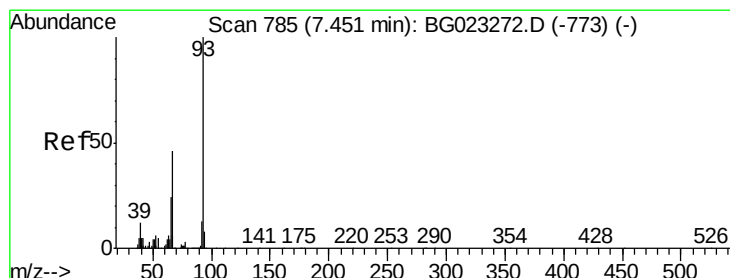
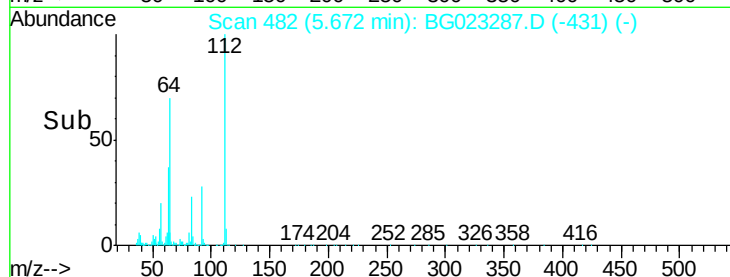
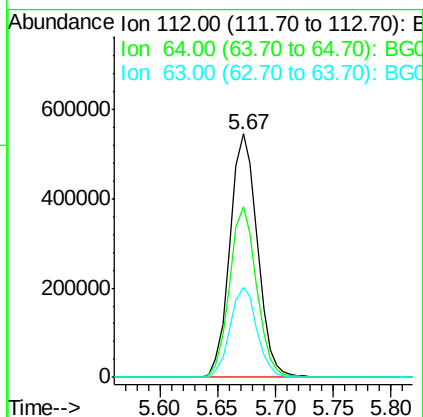
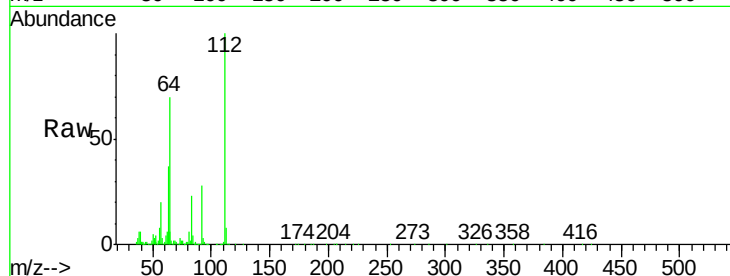
Instrument :

BNA_G

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GW-16-7.0-15.0

Tgt Ion:	112	Resp:	902071
Ion	Ratio	Lower	Upper
112	100		
64	69.9	59.0	88.4
63	36.9	37.8	56.8#



#6

Aniline

Concen: 0.01 ng

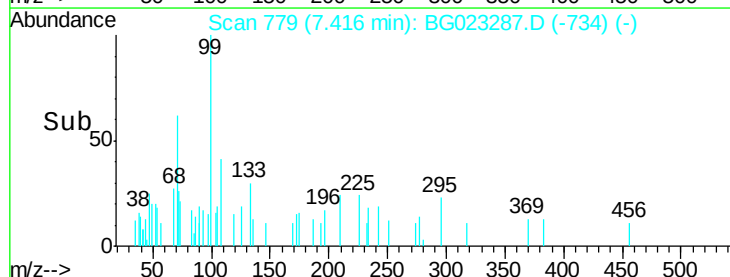
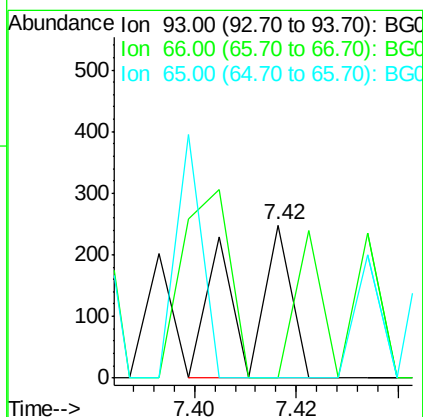
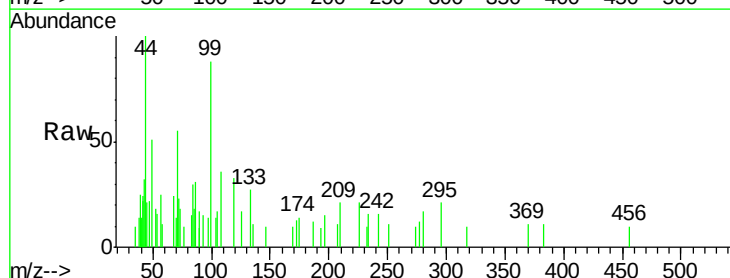
RT: 7.42 min Scan# 779

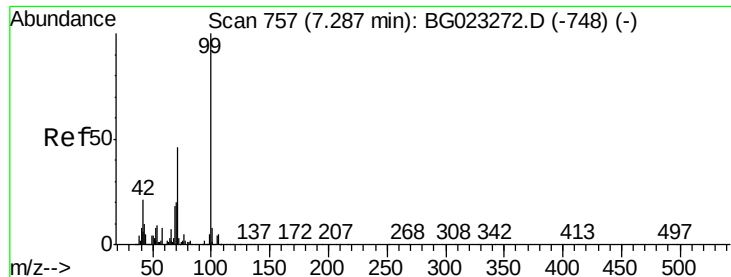
Delta R.T. -0.04 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Tgt Ion:	93	Resp:	168
Ion	Ratio	Lower	Upper
93	100		
66	0.0	37.5	56.3#
65	0.0	17.9	26.9#





#7

Phenol-d6

Concen: 52.32 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

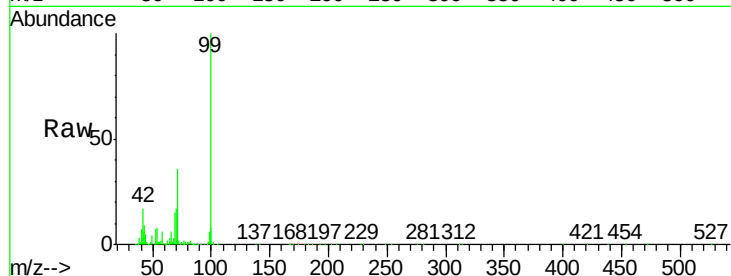
Tgt Ion: 99 Resp: 963924

Ion Ratio Lower Upper

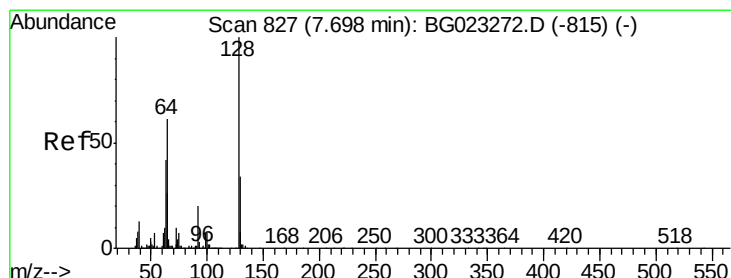
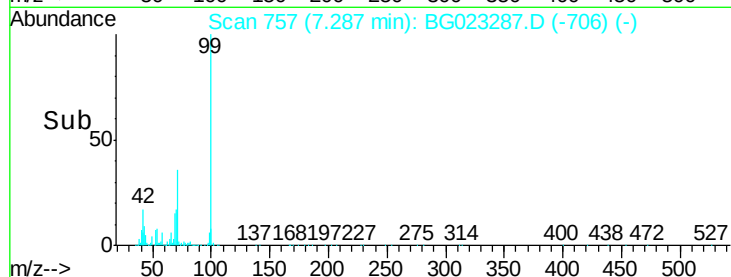
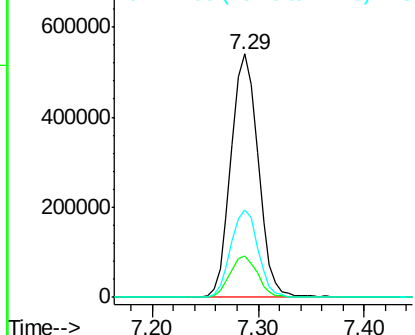
99 100

42 17.0 17.8 26.6#

71 36.2 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: 0.02 ng

RT: 7.70 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

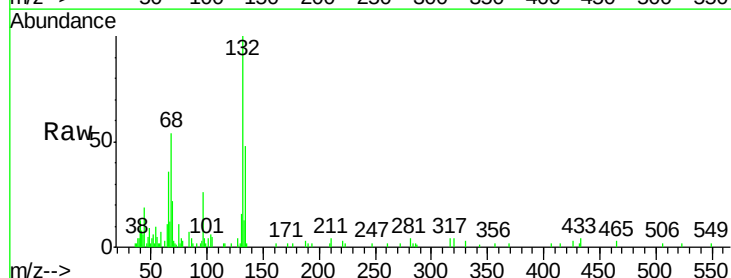
Tgt Ion: 128 Resp: 324

Ion Ratio Lower Upper

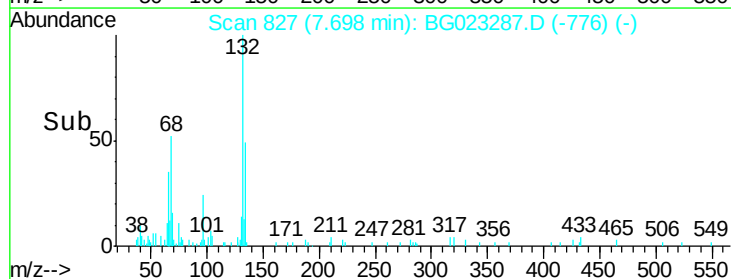
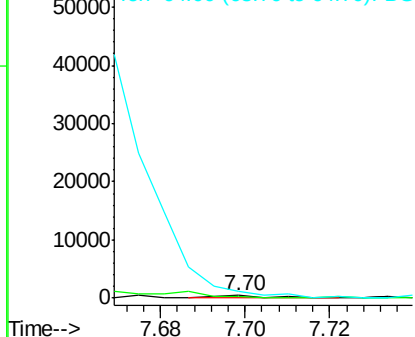
128 100

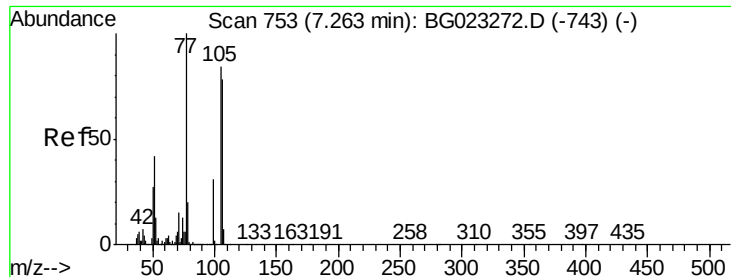
130 56.5 12.9 52.9#

64 243.1 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: 0.32 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

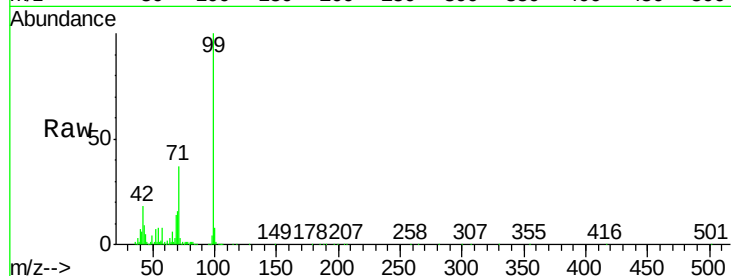
Tgt Ion: 77 Resp: 4206

Ion Ratio Lower Upper

77 100

105 96.2 58.7 98.7

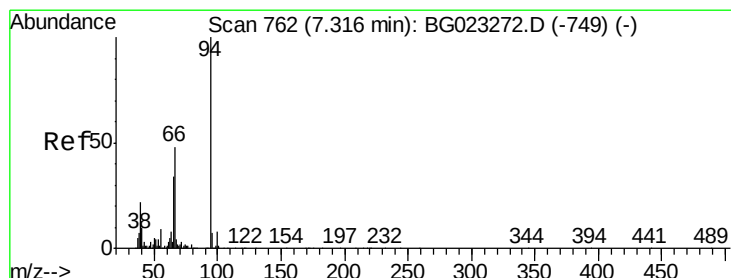
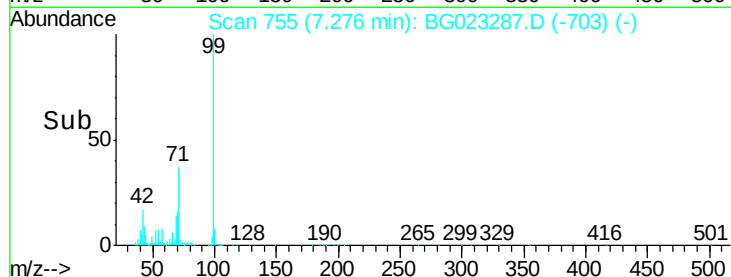
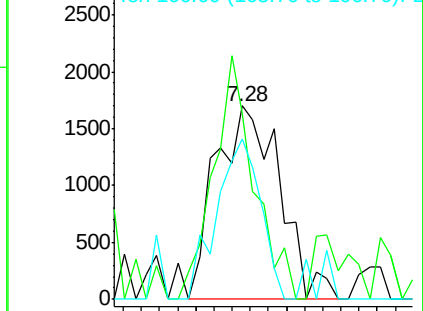
106 82.8 67.5 107.5



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: 0.28 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

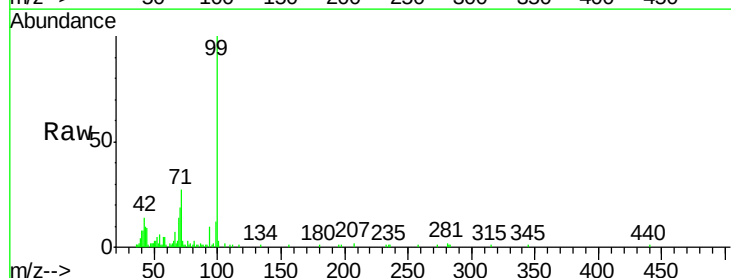
Tgt Ion: 94 Resp: 5379

Ion Ratio Lower Upper

94 100

65 30.6 18.1 58.1

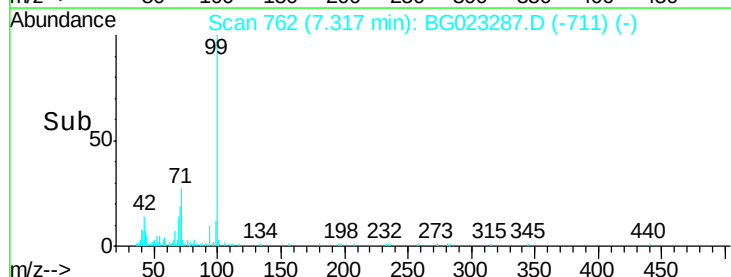
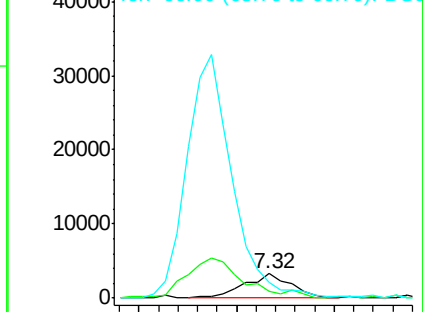
66 66.0 42.1 82.1

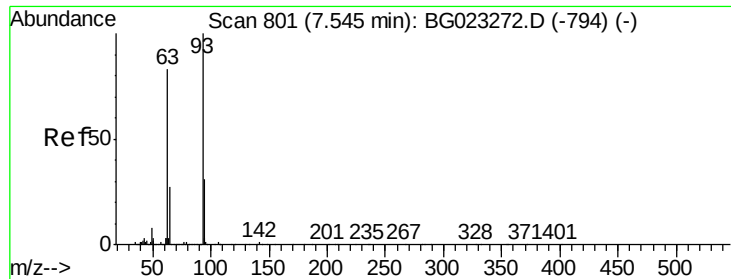


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

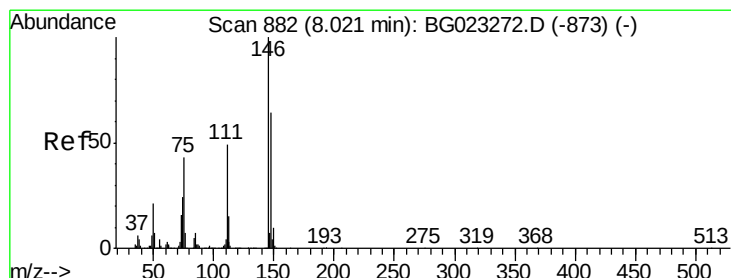
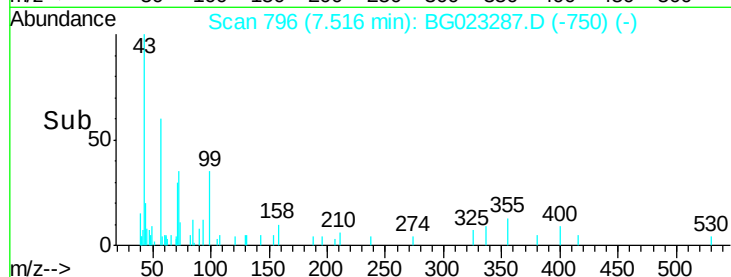
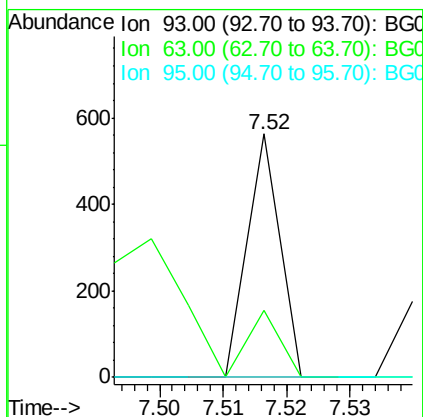
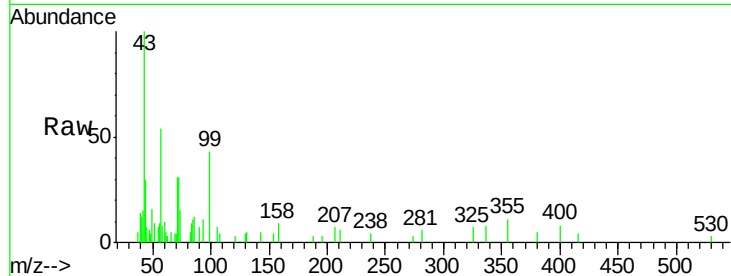




#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.52 min Scan# 796
Delta R.T. -0.03 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

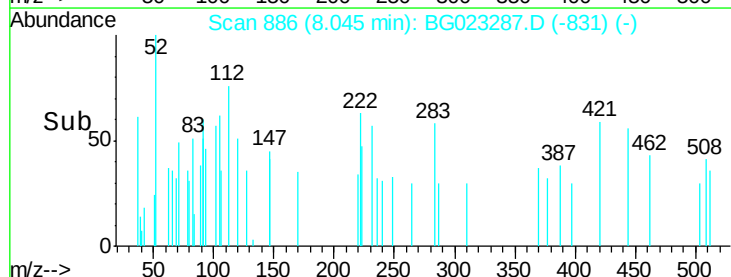
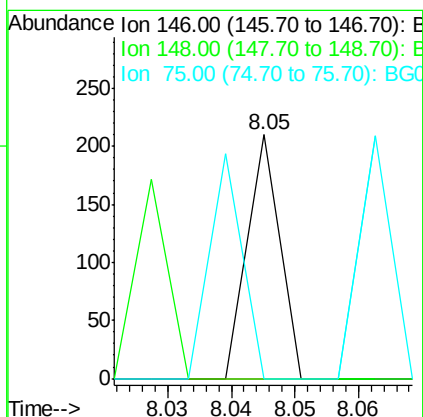
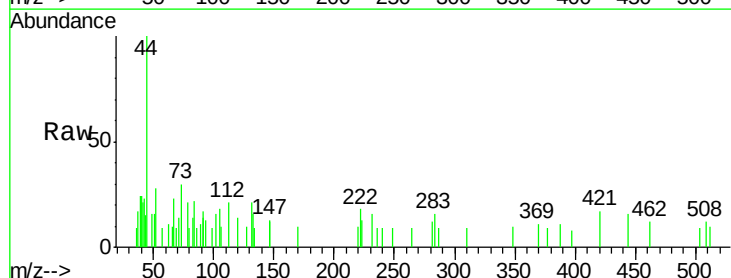
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

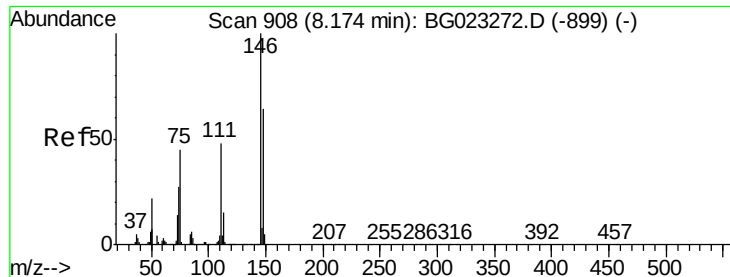
Tgt Ion: 93 Resp: 198
Ion Ratio Lower Upper
93 100
63 27.5 55.0 95.0#
95 0.0 11.0 51.0#



#12
1,3-Dichlorobenzene
Concen: 0.00 ng
RT: 8.05 min Scan# 886
Delta R.T. 0.02 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 146 Resp: 74
Ion Ratio Lower Upper
146 100
148 0.0 50.3 75.5#
75 0.0 37.0 55.6#

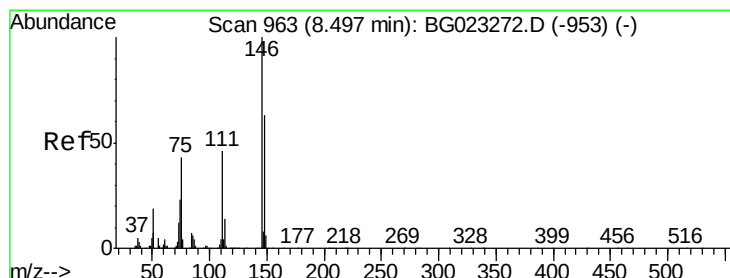
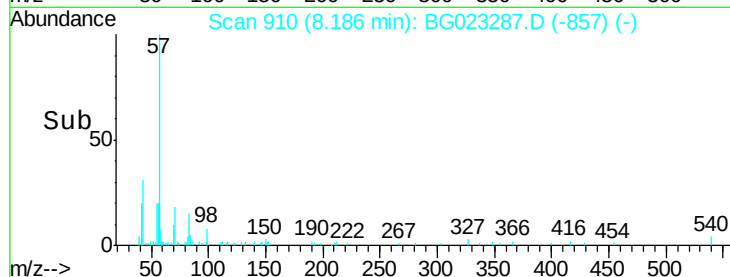
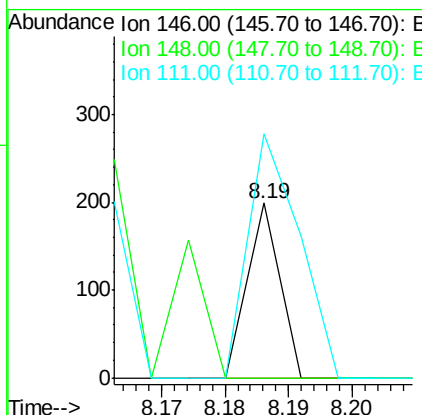
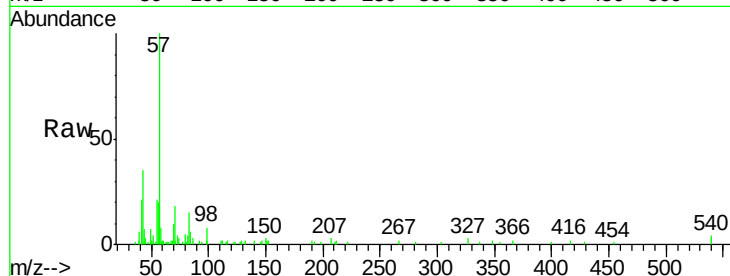




#13
 1,4-Dichlorobenzene
 Concen: 0.00 ng
 RT: 8.19 min Scan# 910
 Delta R.T. 0.01 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

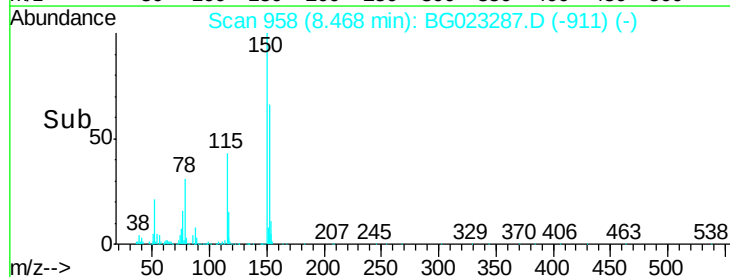
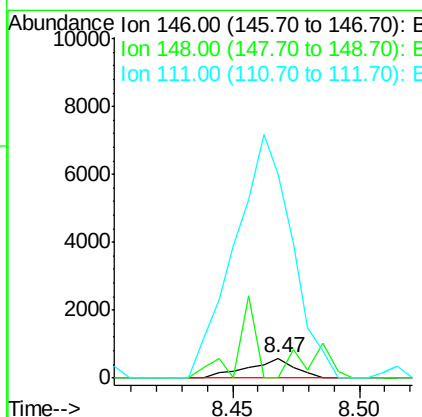
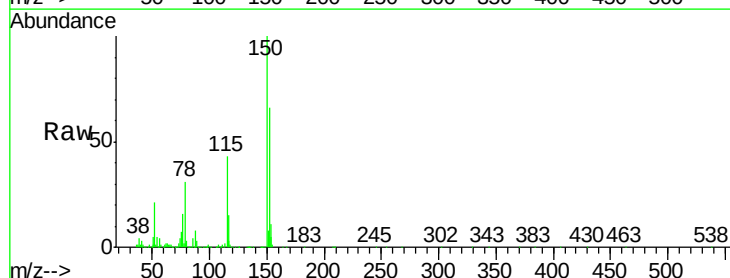
Instrument :
 BNA_G
 ClientSampleId :
 GW-16-7.0-15.0

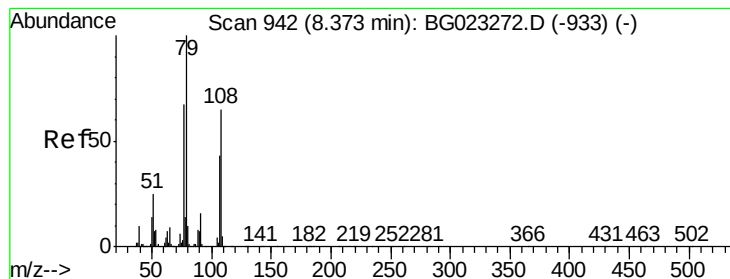
Tgt Ion:146 Resp: 70
 Ion Ratio Lower Upper
 146 100
 148 0.0 54.5 81.7#
 111 139.7 37.8 56.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.05 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

Tgt Ion:146 Resp: 743
 Ion Ratio Lower Upper
 146 100
 148 0.0 52.9 79.3#
 111 1020.4 43.5 65.3#





#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 8.38 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

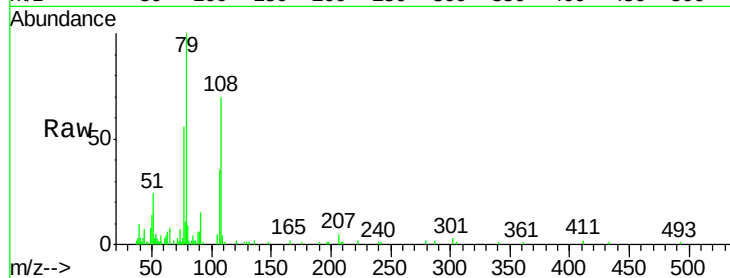
Tgt Ion: 79 Resp: 29579

Ion Ratio Lower Upper

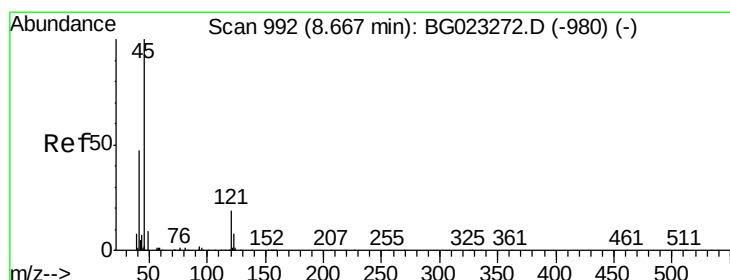
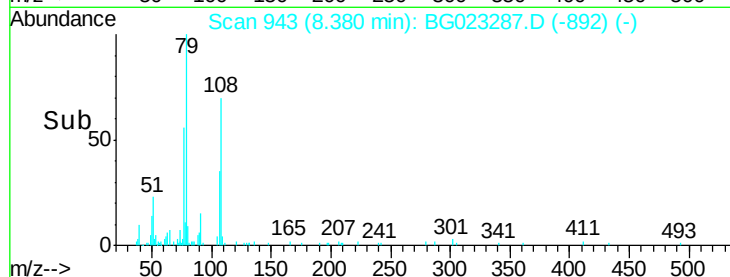
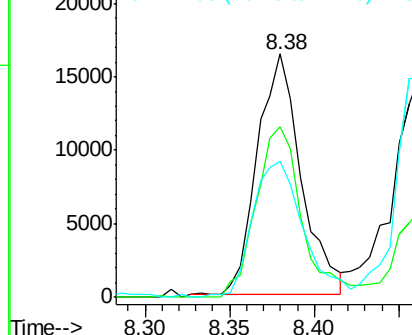
79 100

108 70.0 46.5 69.7#

77 55.9 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.01 ng

RT: 8.69 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

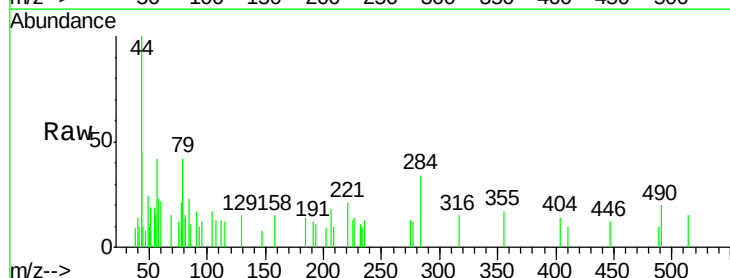
Tgt Ion: 45 Resp: 185

Ion Ratio Lower Upper

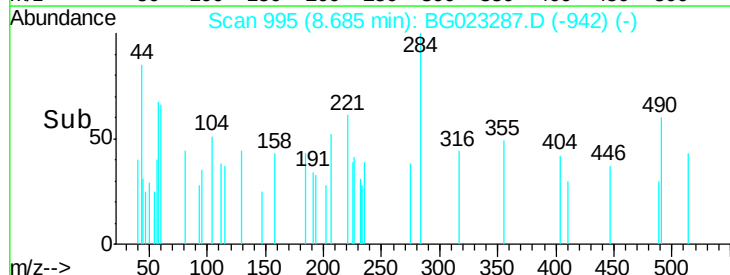
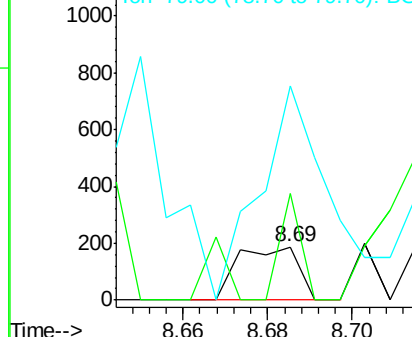
45 100

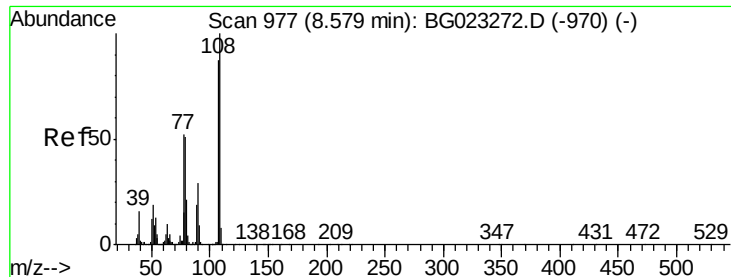
77 200.5 0.6 40.6#

79 401.1 0.0 36.2#



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





#17

2-Methylphenol

Concen: 0.04 ng

RT: 8.49 min Scan# 961

Delta R.T. -0.10 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

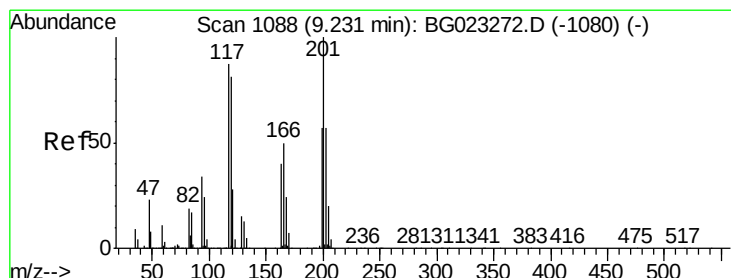
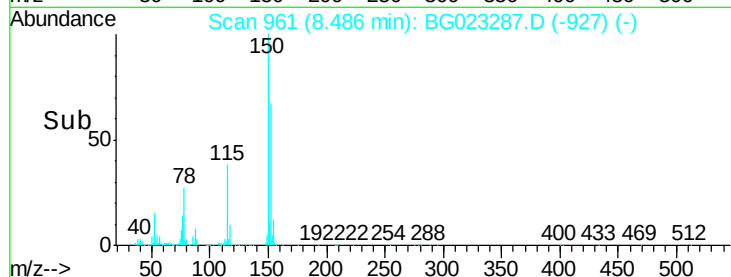
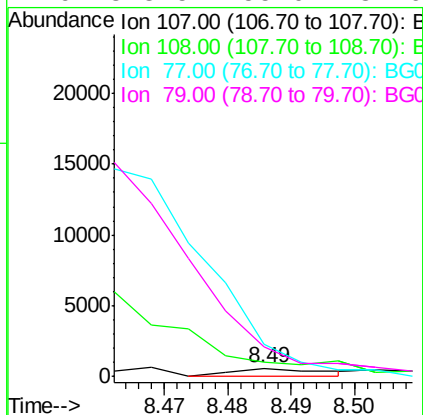
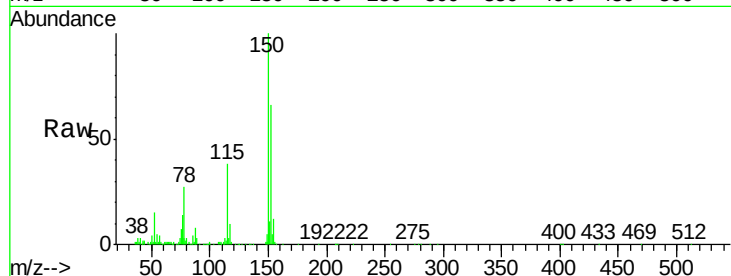
Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

Tgt Ion:	107	Resp:	537
Ion	Ratio	Lower	Upper
107	100		
108	180.7	92.0	138.0#
77	406.9	55.8	83.6#
79	373.5	55.0	82.6#



#18

Hexachloroethane

Concen: 0.02 ng

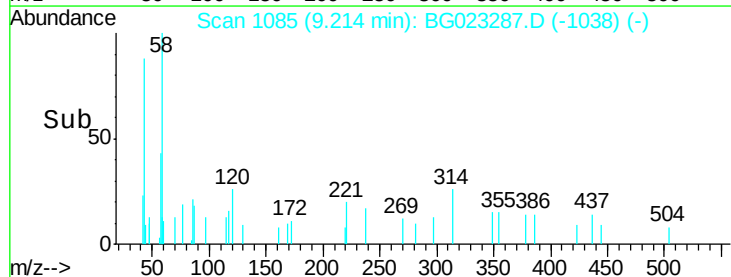
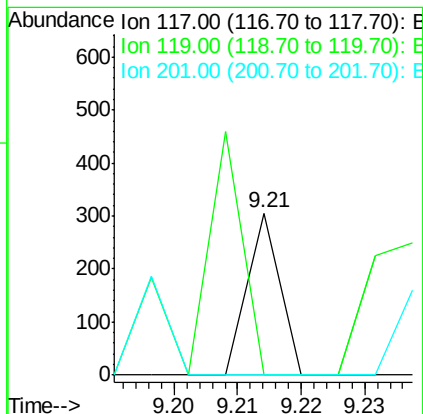
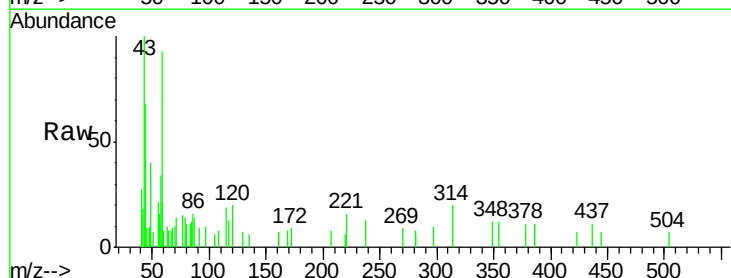
RT: 9.21 min Scan# 1085

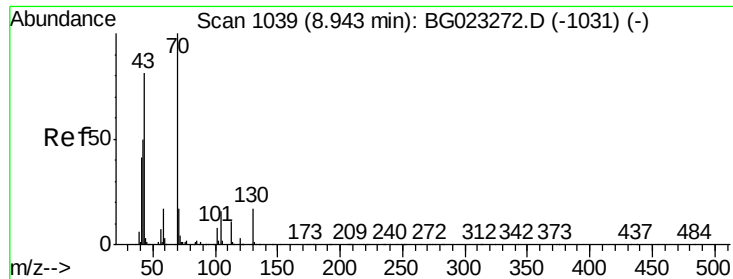
Delta R.T. -0.02 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Tgt Ion:	117	Resp:	108
Ion	Ratio	Lower	Upper
117	100		
119	0.0	73.7	110.5#
201	0.0	88.7	133.1#

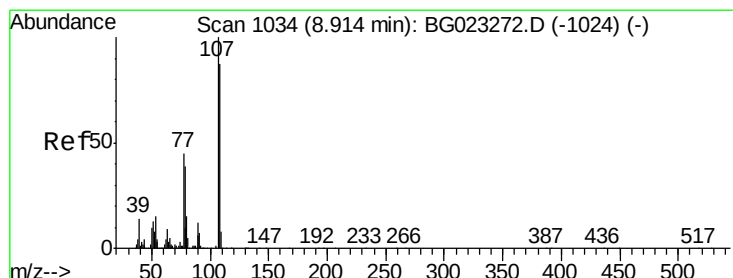
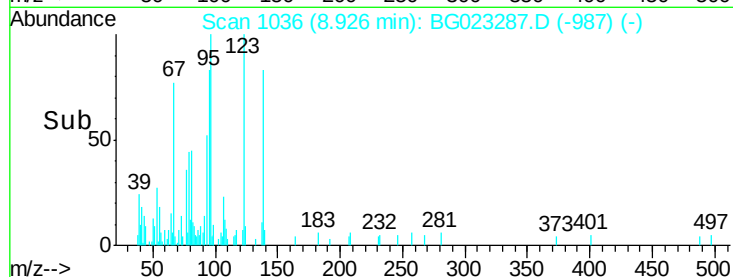
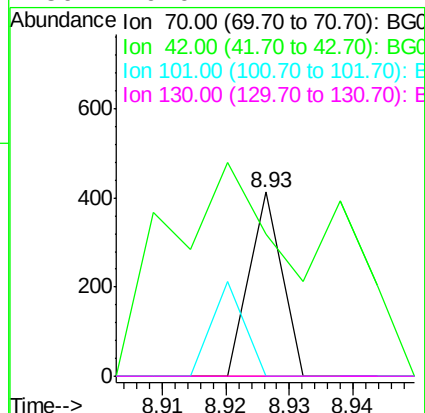
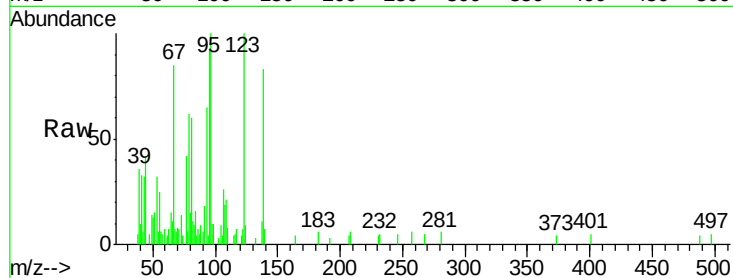




#19
n-Nitroso-di-n-propylamine
Concen: 0.01 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

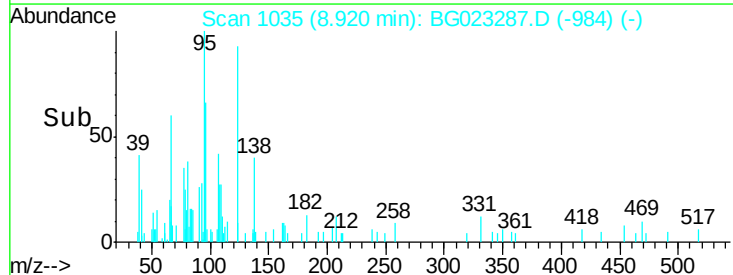
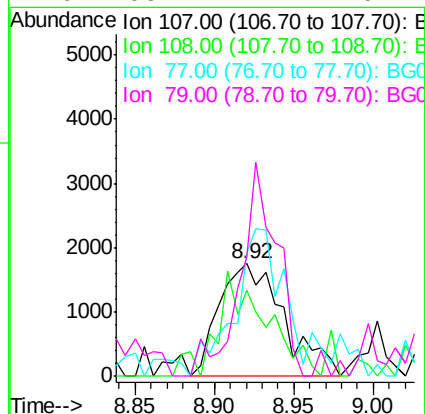
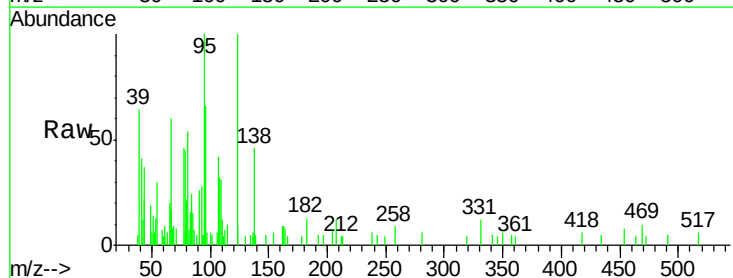
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

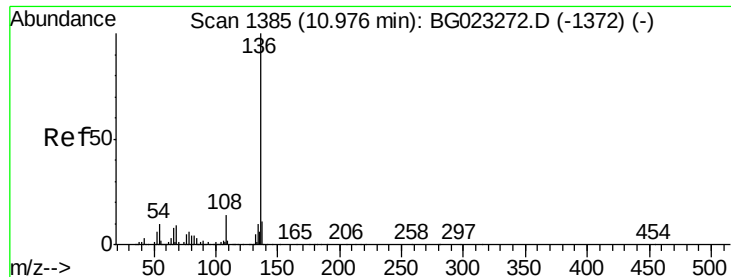
Tgt Ion: 70 Resp: 145
Ion Ratio Lower Upper
70 100
42 77.7 42.1 63.1#
101 0.0 7.2 10.8#
130 0.0 14.2 21.2#



#20
3+4-Methylphenols
Concen: 0.27 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 107 Resp: 4946
Ion Ratio Lower Upper
107 100
108 77.0 72.5 112.5
77 109.6 30.1 70.1#
79 105.7 24.2 64.2#

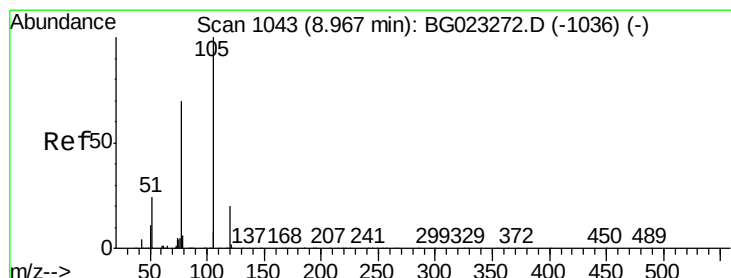
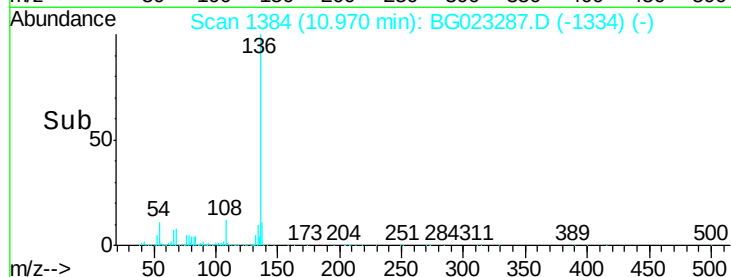
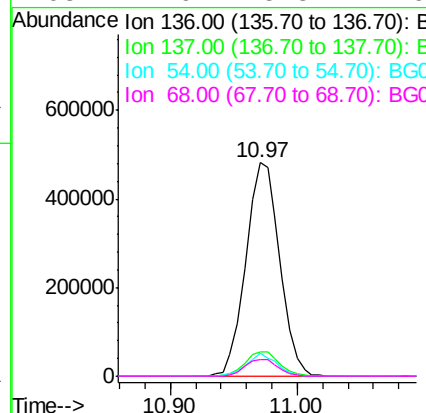
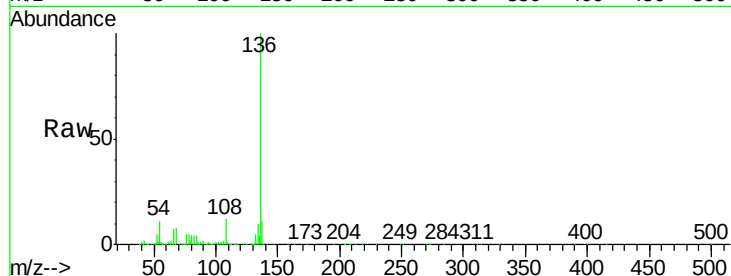




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

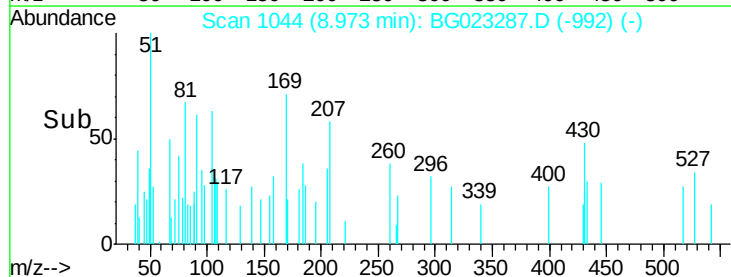
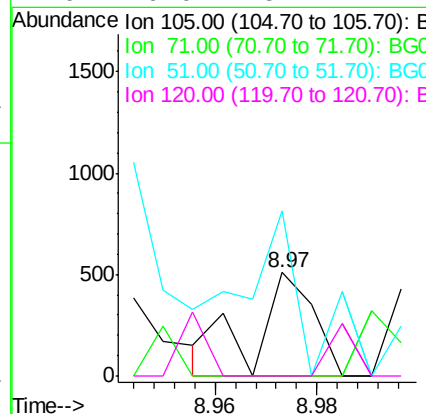
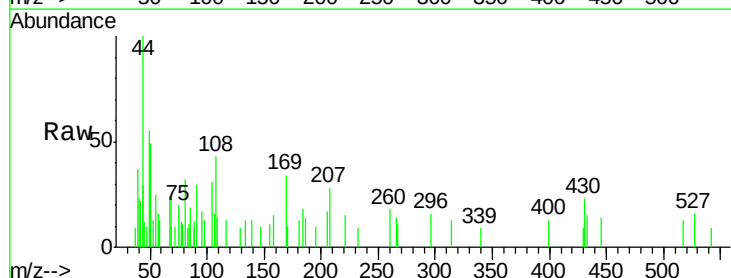
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

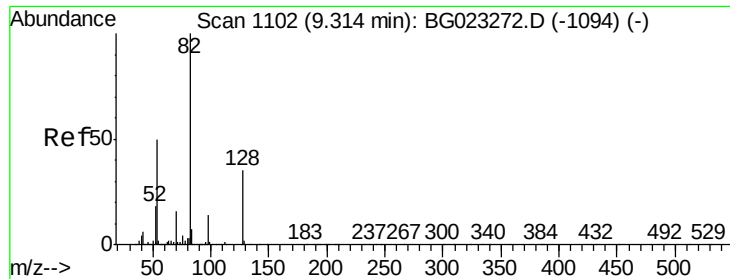
Tgt Ion:	136	Resp:	890550
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.9	7.3	10.9
68	7.9	5.3	7.9#



#22
Acetophenone
Concen: 0.02 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:	105	Resp:	412
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.6	3.8#
51	159.6	27.1	40.7#
120	0.0	15.1	22.7#

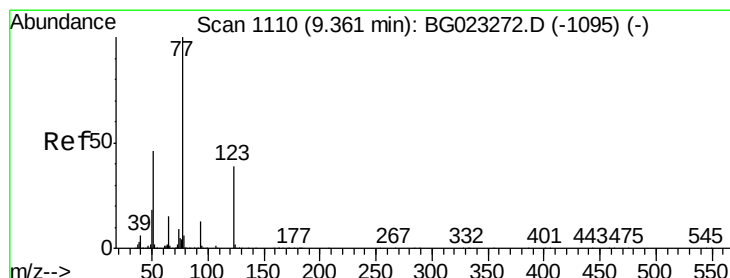
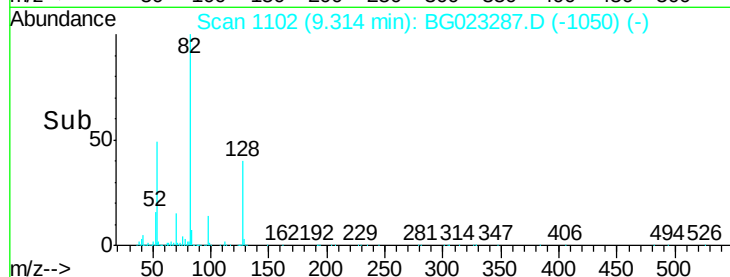
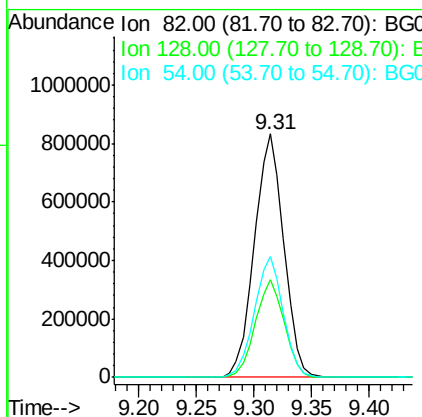
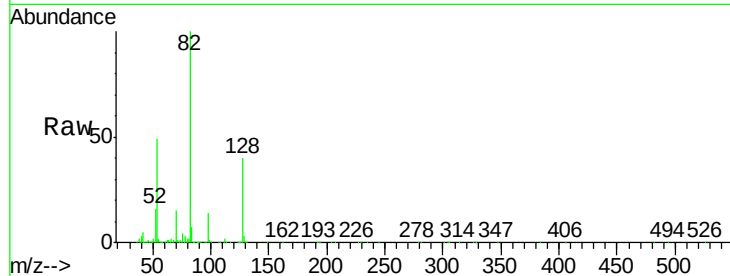




#23
Nitrobenzene-d5
Concen: 81.02 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

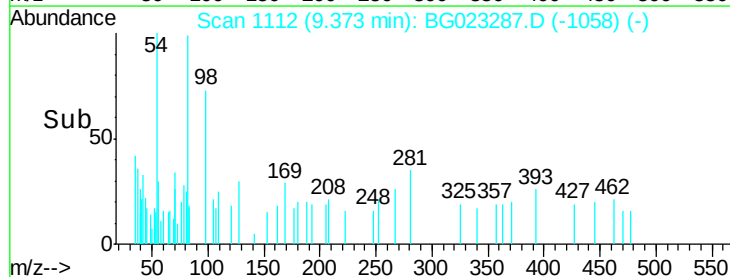
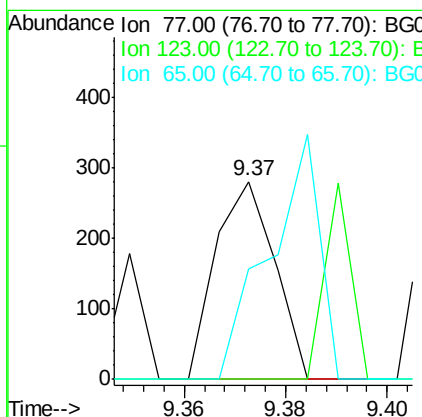
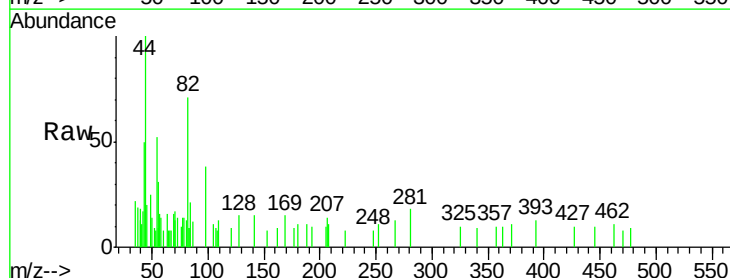
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

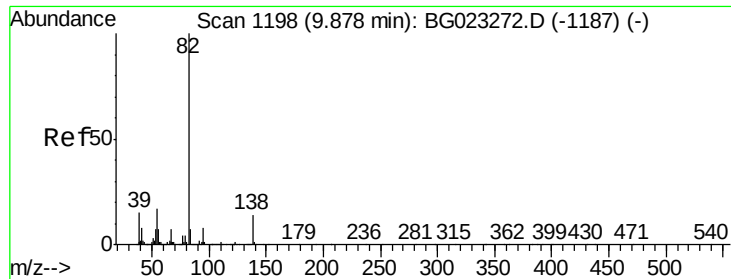
Tgt Ion: 82 Resp: 1475371
Ion Ratio Lower Upper
82 100
128 40.2 24.4 36.6#
54 49.4 41.4 62.0



#24
Nitrobenzene
Concen: 0.01 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 77 Resp: 227
Ion Ratio Lower Upper
77 100
123 0.0 25.0 37.6#
65 55.7 13.4 20.0#





#25

Isophorone

Concen: 0.04 ng

RT: 9.87 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

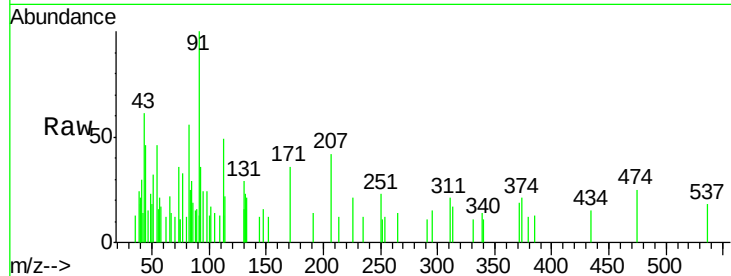
Tgt Ion: 82 Resp: 1539

Ion Ratio Lower Upper

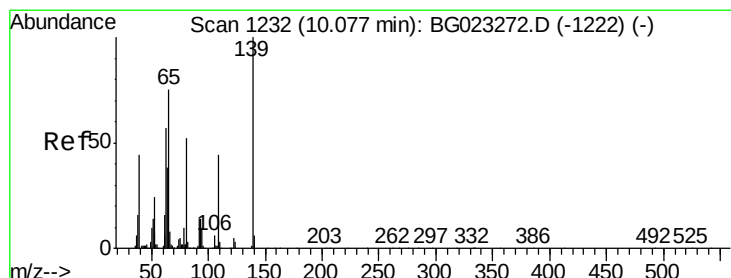
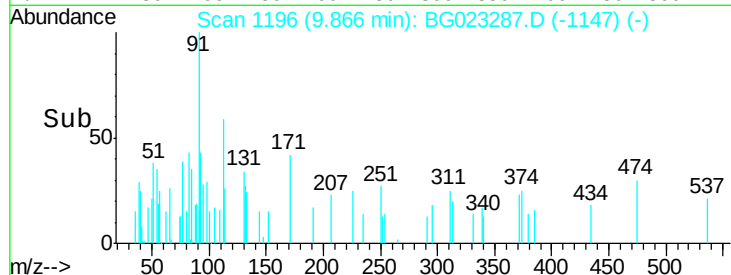
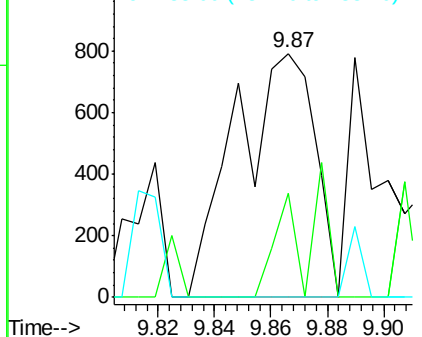
82 100

95 42.5 8.2 12.2#

138 0.0 10.7 16.1#



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



#26

2-Nitrophenol

Concen: 0.02 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

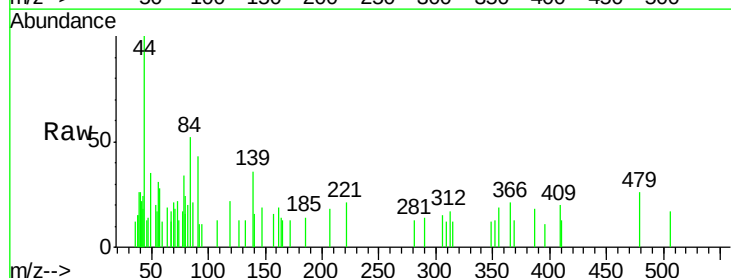
Tgt Ion: 139 Resp: 170

Ion Ratio Lower Upper

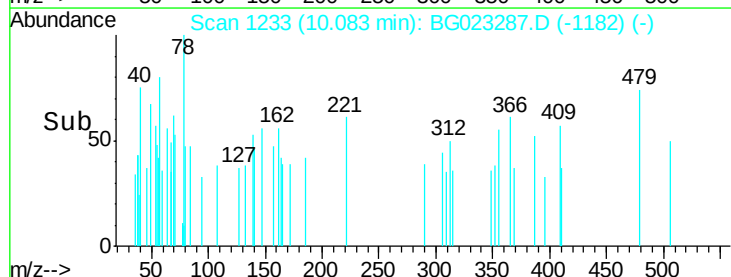
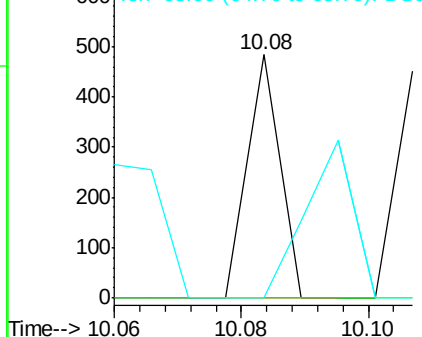
139 100

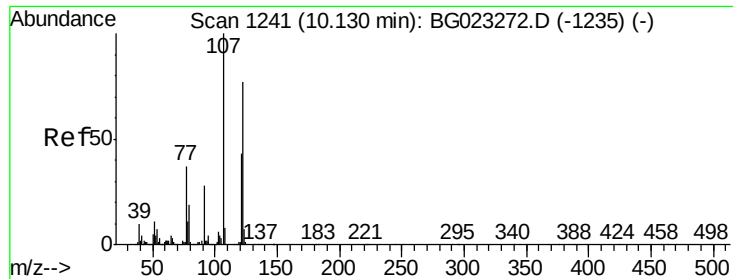
109 0.0 43.5 65.3#

65 0.0 64.3 96.5#



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

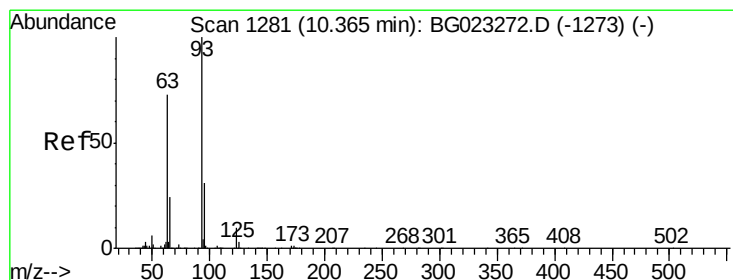
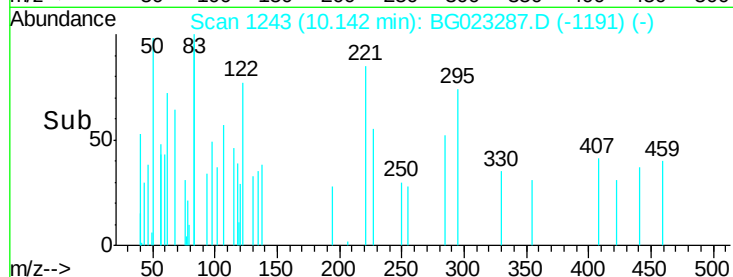
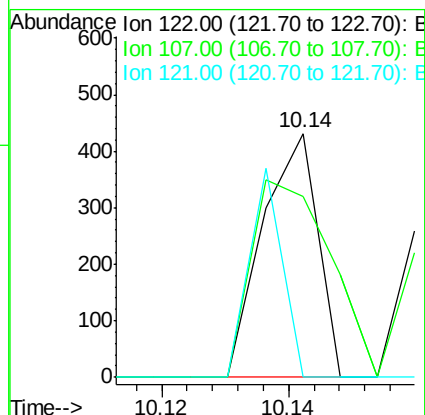
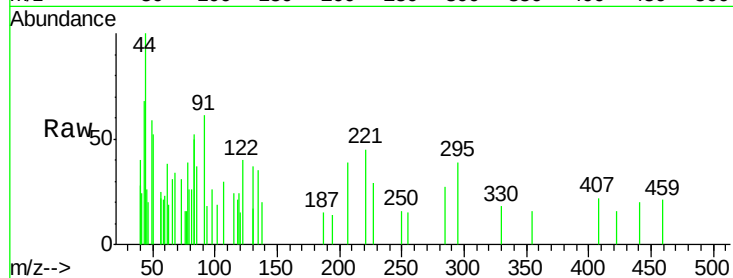




#27
2,4-Dimethylphenol
Concen: 0.02 ng
RT: 10.14 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

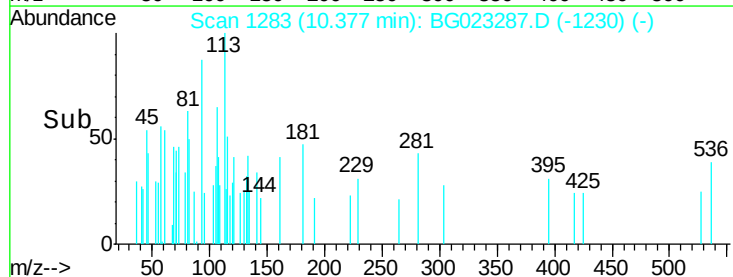
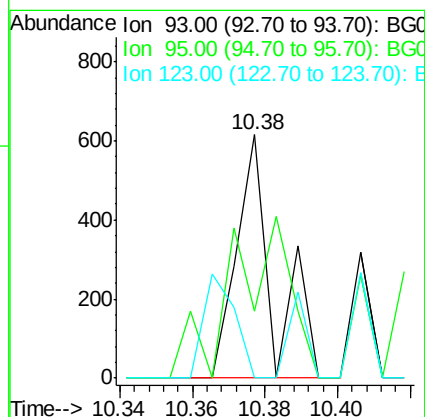
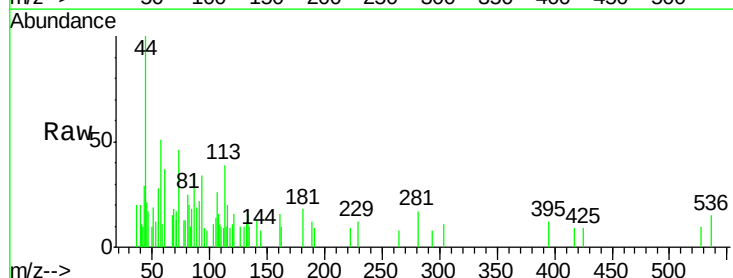
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

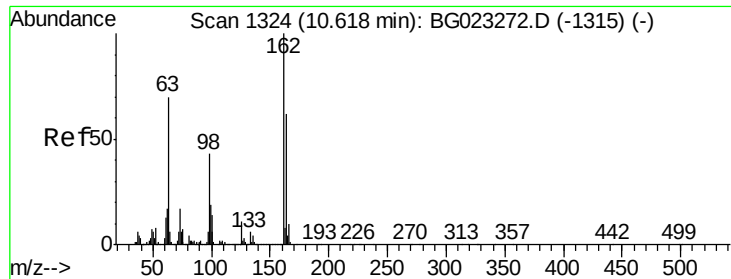
Tgt Ion: 122 Resp: 258
Ion Ratio Lower Upper
122 100
107 74.0 117.0 175.4#
121 0.0 50.1 75.1#



#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 10.38 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 93 Resp: 435
Ion Ratio Lower Upper
93 100
95 27.4 25.4 38.2
123 0.0 8.2 12.2#

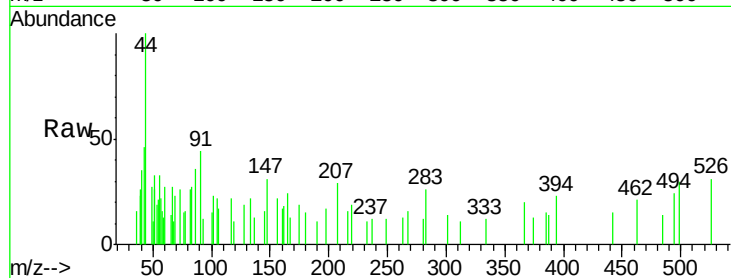




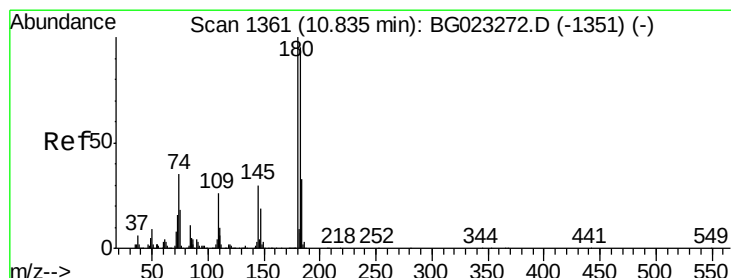
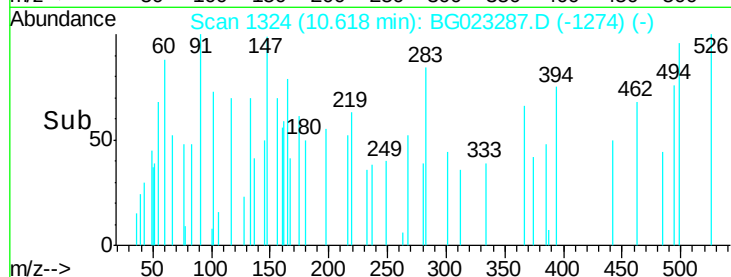
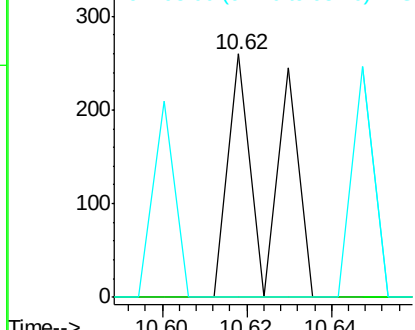
#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.62 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

Tgt Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.3	84.3#
98	0.0	19.5	59.5#

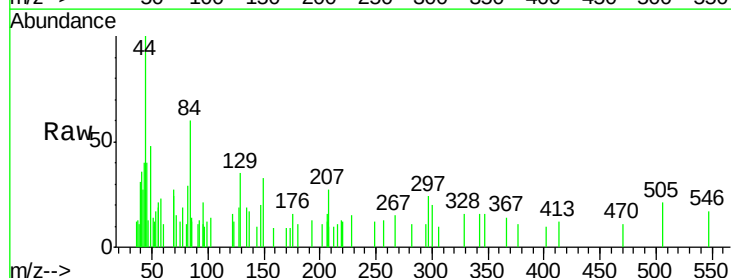


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

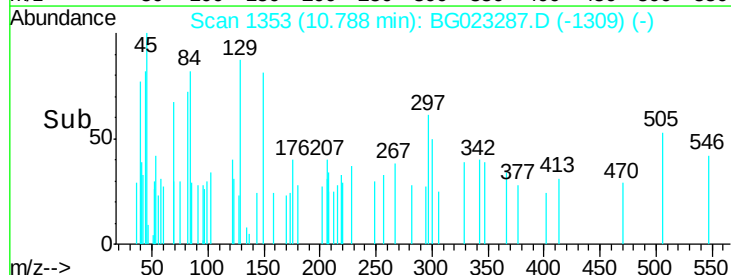
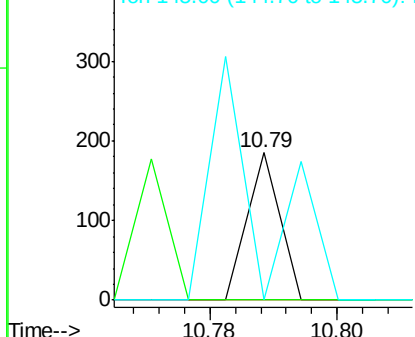


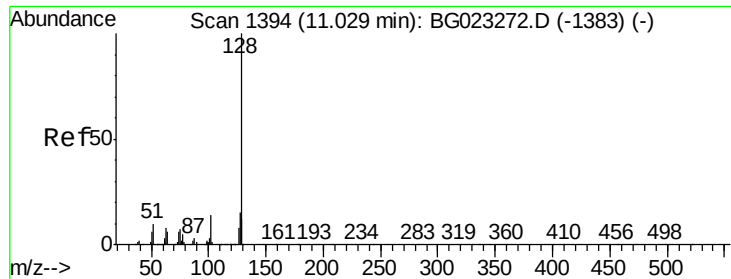
#30
1,2,4-Trichlorobenzene
Concen: 0.00 ng
RT: 10.79 min Scan# 1353
Delta R.T. -0.04 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

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



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

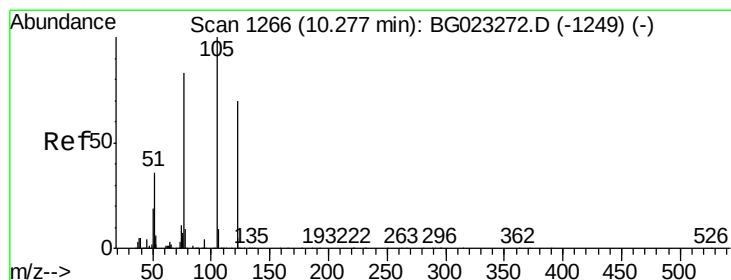
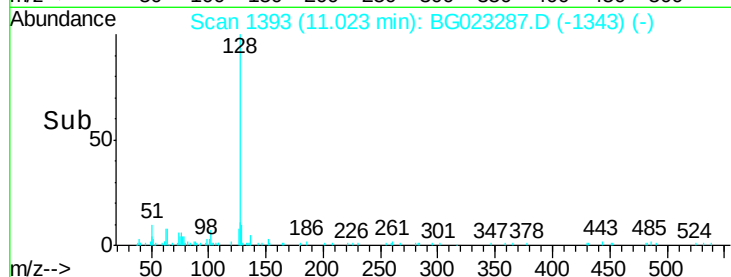
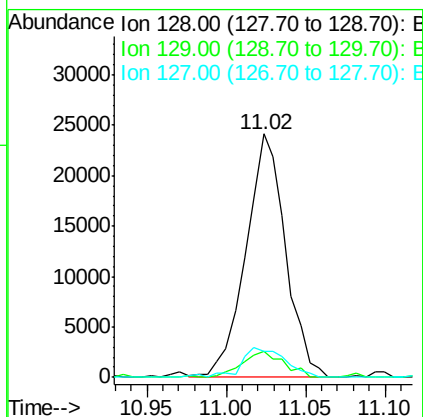
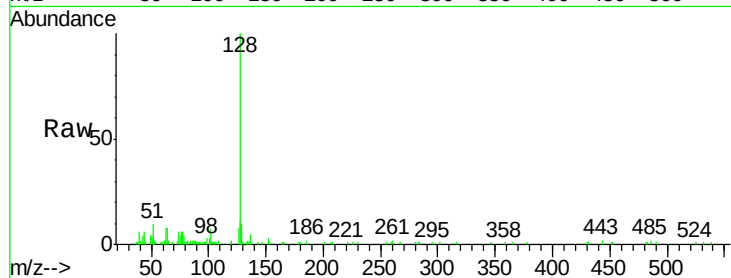




#31
Naphthalene
Concen: 1.01 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

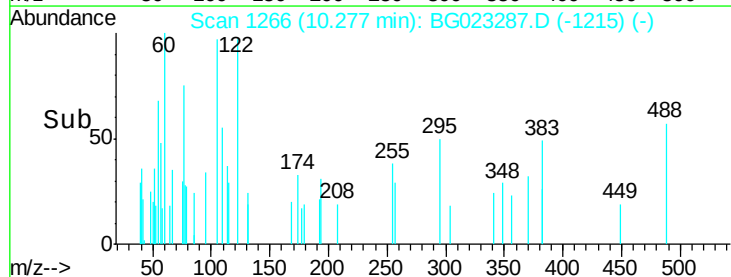
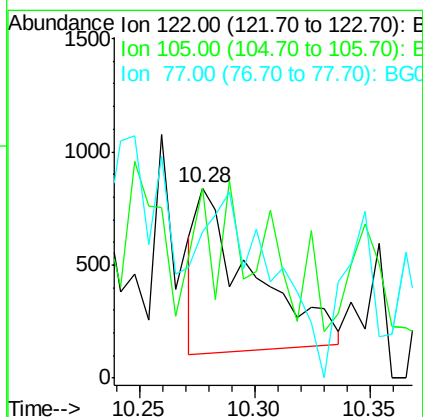
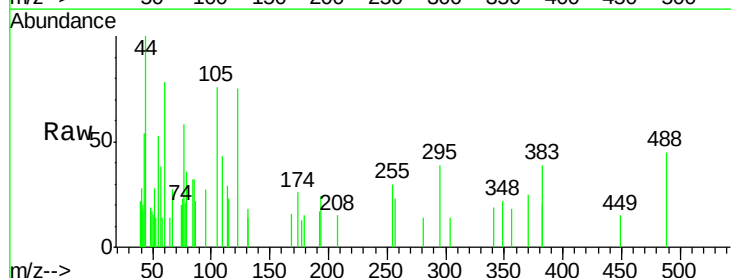
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

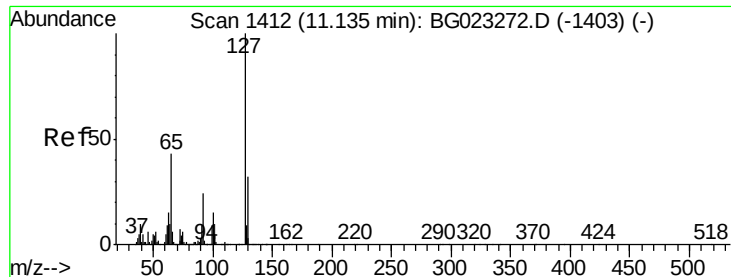
Tgt Ion:128 Resp: 41914
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 10.6 11.3 16.9#



#32
Benzoic acid
Concen: 8.20 ng
RT: 10.28 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:122 Resp: 1211
Ion Ratio Lower Upper
122 100
105 100.1 117.2 157.2#
77 77.4 109.2 149.2#

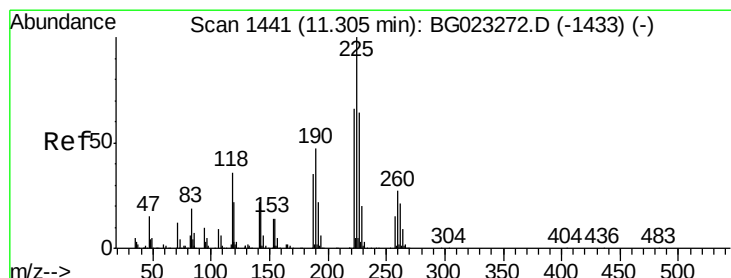
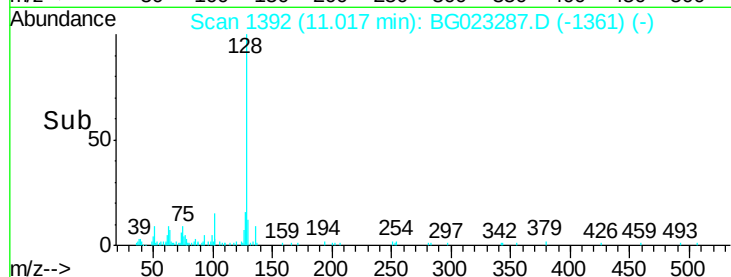
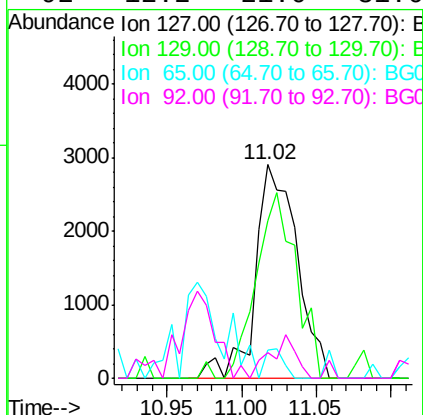
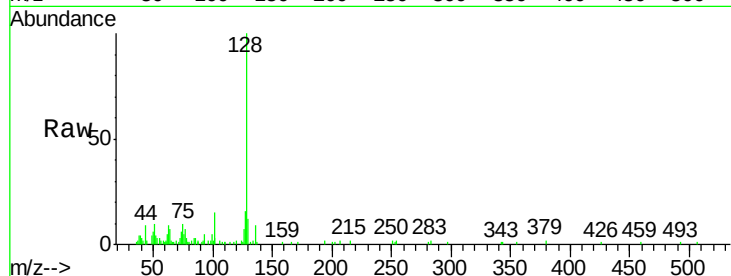




#33
4-Chloroaniline
Concen: 0.29 ng
RT: 11.02 min Scan# 1392
Delta R.T. -0.12 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

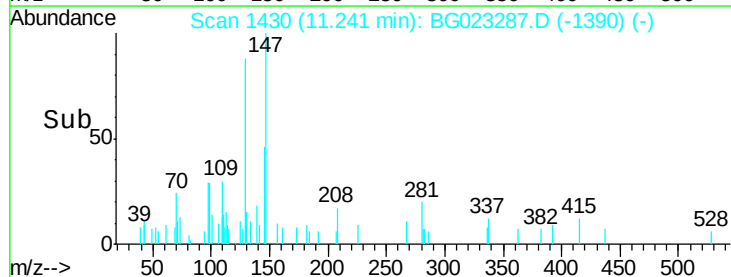
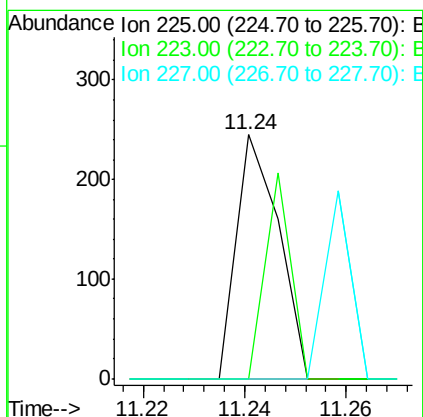
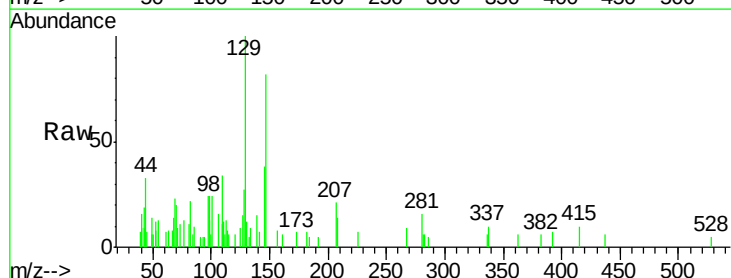
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

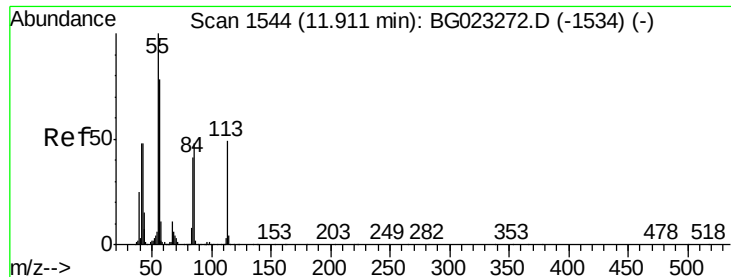
Tgt Ion:	127	Resp:	5606
Ion	Ratio	Lower	Upper
127	100		
129	73.8	27.9	41.9#
65	13.3	36.8	55.2#
92	12.2	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 0.02 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.07 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:	225	Resp:	143
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.6	74.4#
227	0.0	54.5	81.7#

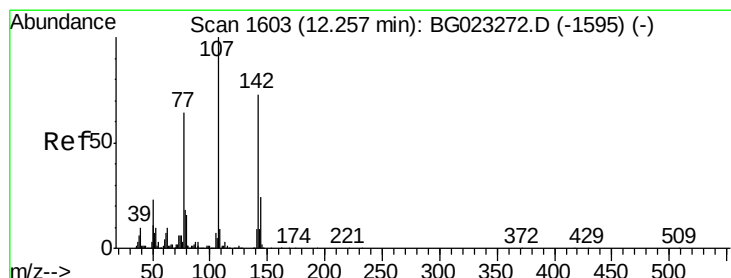
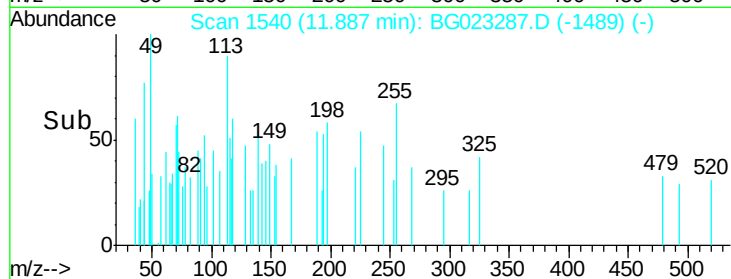
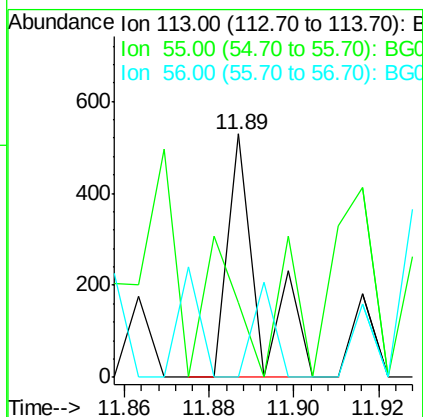
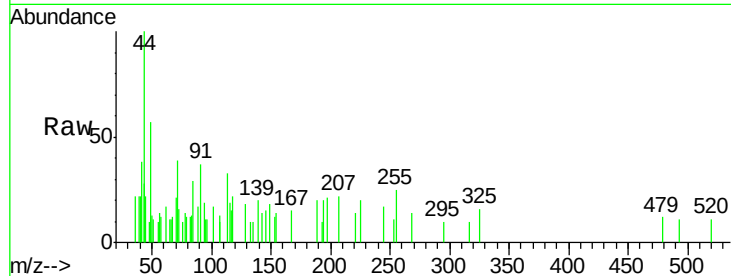




#35
 Caprolactam
 Concen: 0.05 ng
 RT: 11.89 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

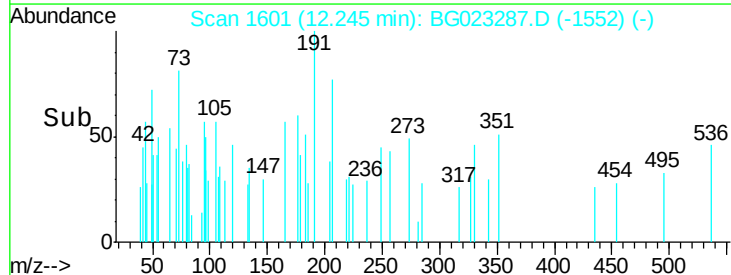
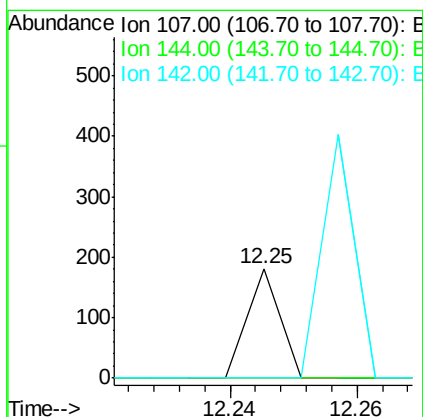
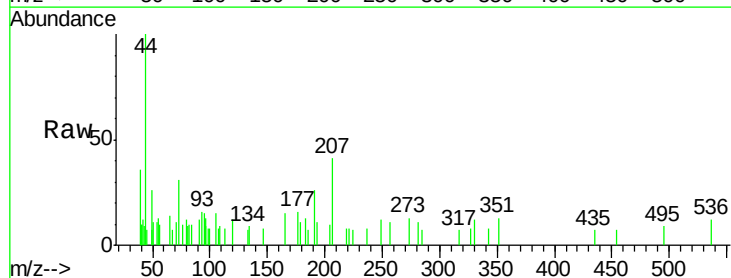
Instrument :
 BNA_G
 ClientSampleId :
 GW-16-7.0-15.0

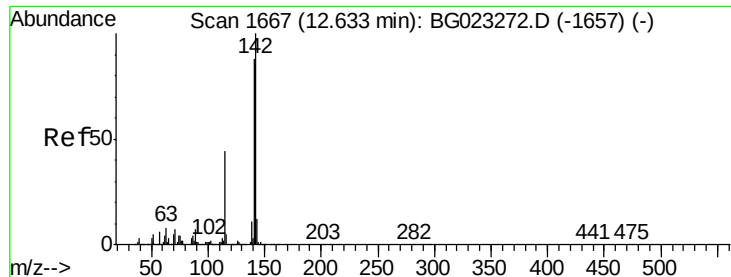
Tgt Ion:113 Resp: 268
 Ion Ratio Lower Upper
 113 100
 55 30.6 154.5 194.5#
 56 0.0 125.1 165.1#



#36
 4-Chloro-3-methylphenol
 Concen: 0.00 ng
 RT: 12.25 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

Tgt Ion:107 Resp: 64
 Ion Ratio Lower Upper
 107 100
 144 0.0 17.0 25.6#
 142 0.0 53.0 79.6#





#37

2-Methylnaphthalene

Concen: 0.54 ng

RT: 12.63 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

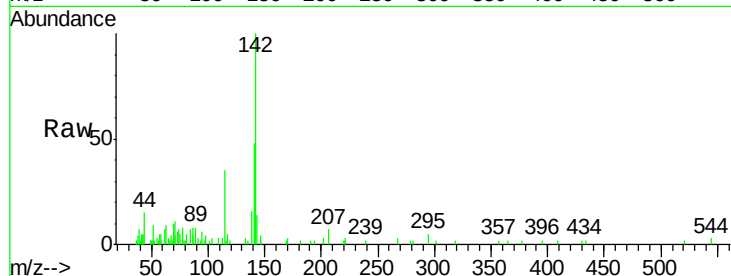
Tgt Ion:142 Resp: 16577

Ion Ratio Lower Upper

142 100

141 48.2 70.2 105.2#

115 35.0 41.7 62.5#



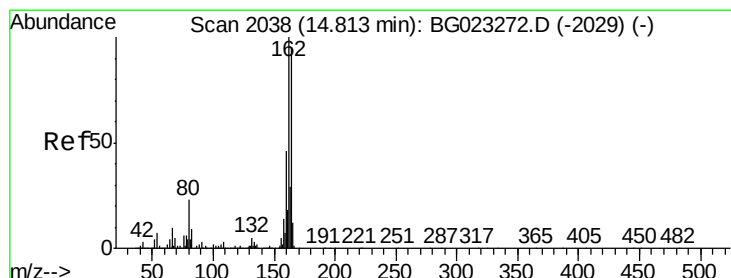
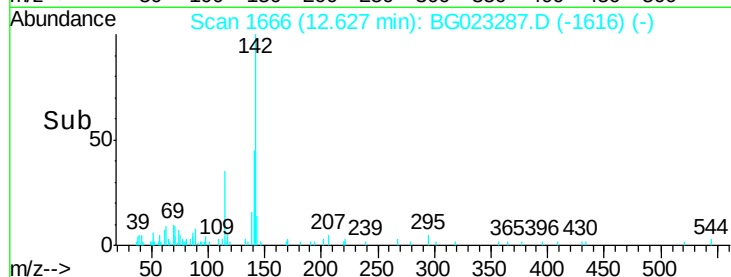
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.63

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

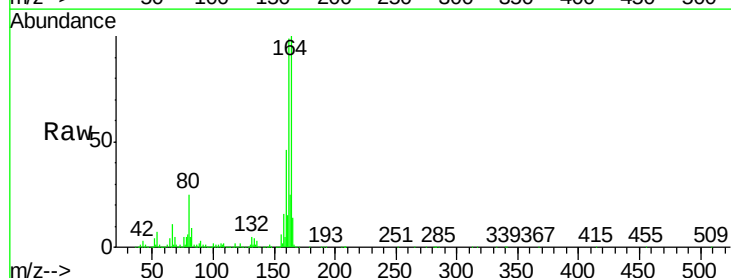
Tgt Ion:164 Resp: 560334

Ion Ratio Lower Upper

164 100

162 99.3 87.7 131.5

160 46.2 37.2 55.8



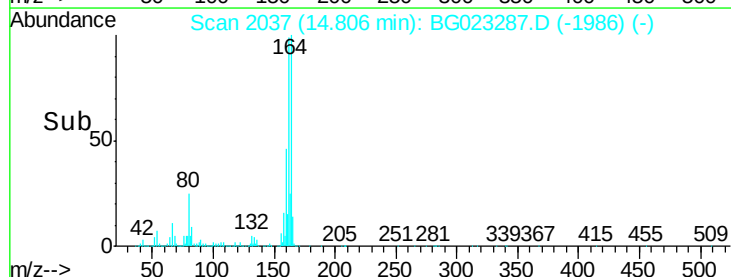
Abundance Ion 164.00 (163.70 to 164.70): E

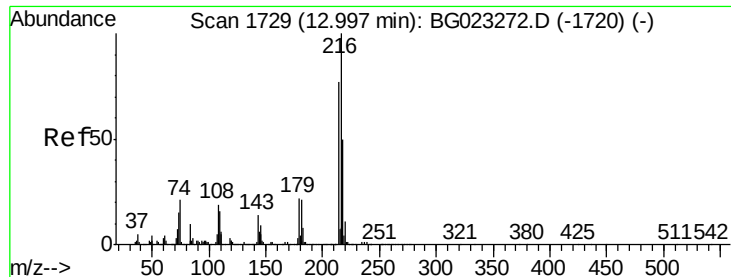
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.81

Time-->

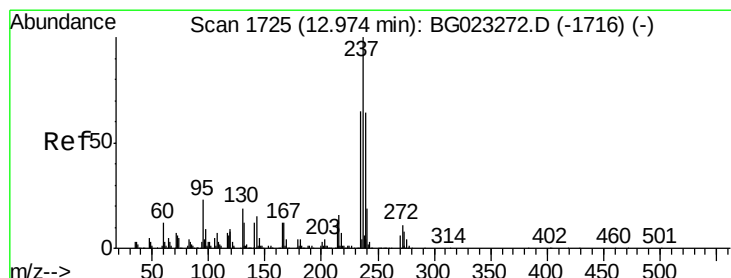
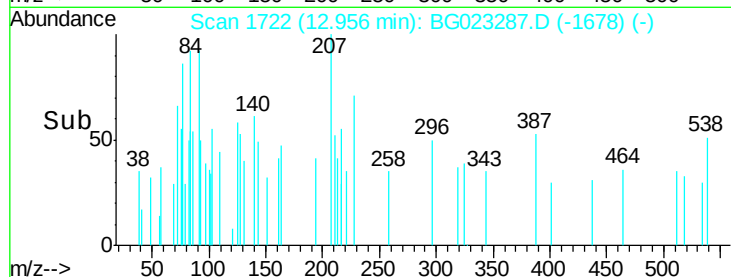
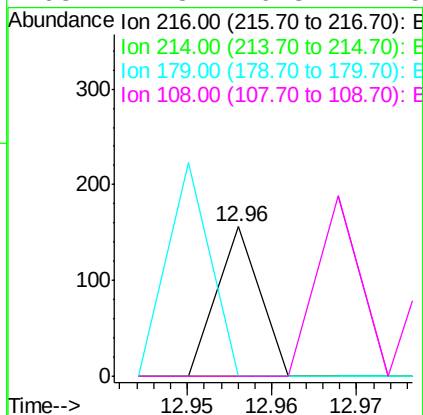
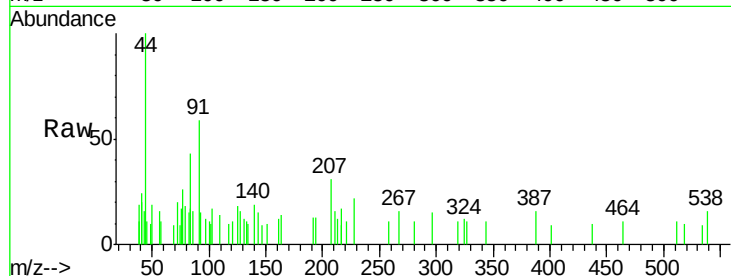




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.00 ng
 RT: 12.96 min Scan# 1722
 Delta R.T. -0.04 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

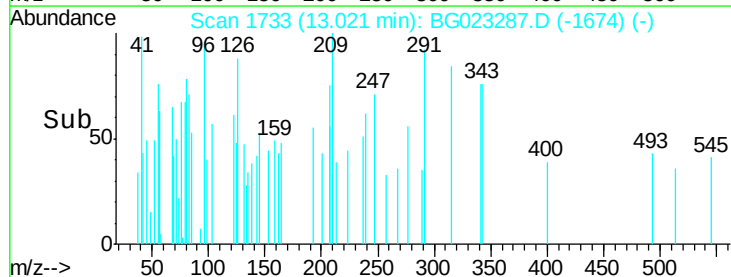
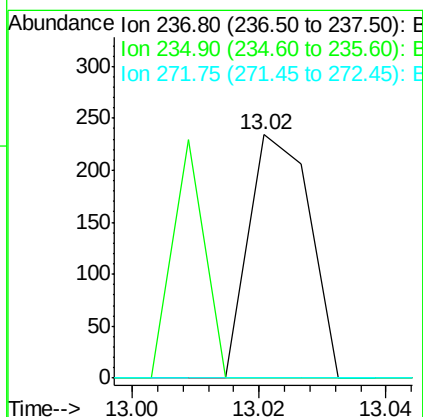
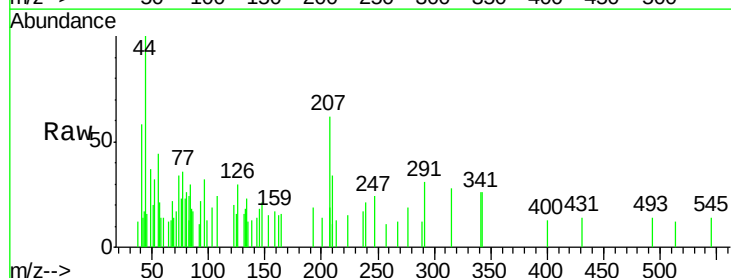
Instrument :
 BNA_G
 ClientSampleId :
 GW-16-7.0-15.0

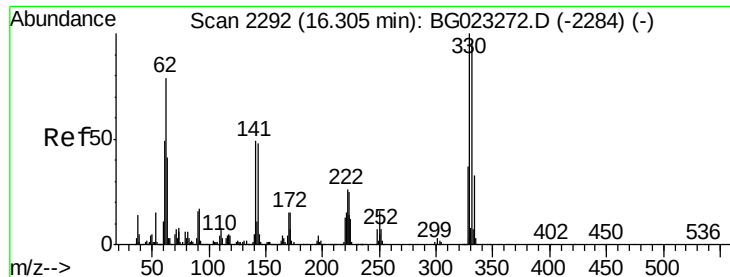
Tgt Ion:	216	Resp:	55
Ion	Ratio	Lower	Upper
216	100		
214	0.0	62.9	94.3#
179	143.6	17.2	25.8#
108	121.8	16.3	24.5#



#40
 Hexachlorocyclopentadiene
 Concen: 0.02 ng
 RT: 13.02 min Scan# 1733
 Delta R.T. 0.05 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

Tgt Ion:	237	Resp:	155
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9

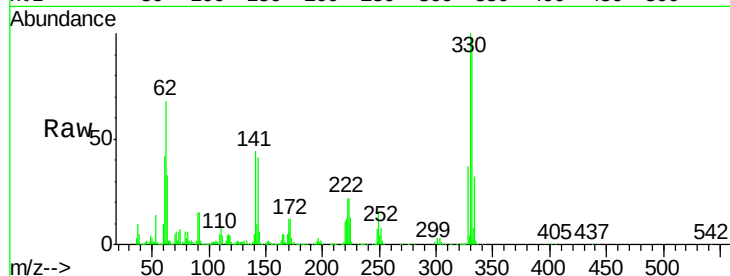




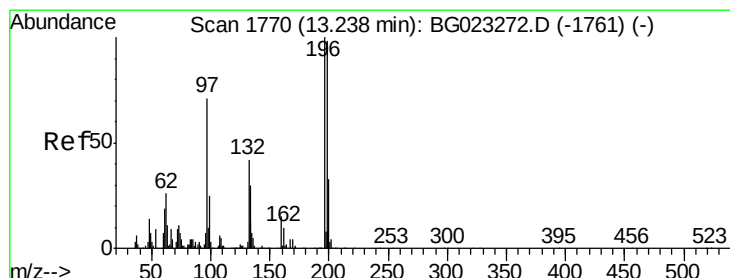
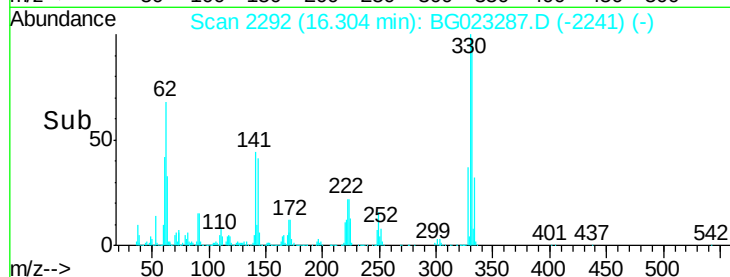
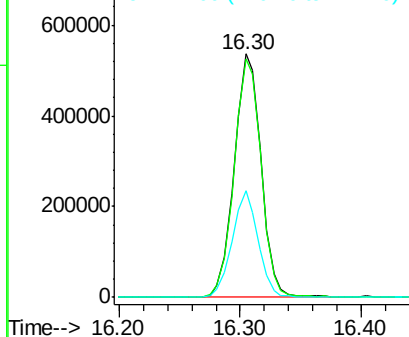
#41
 2,4,6-Tribromophenol
 Concen: 143.25 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

Instrument :
 BNA_G
 ClientSampleId :
 GW-16-7.0-15.0

Tgt Ion:330 Resp: 830791
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.4 116.2
 141 42.7 31.7 47.5

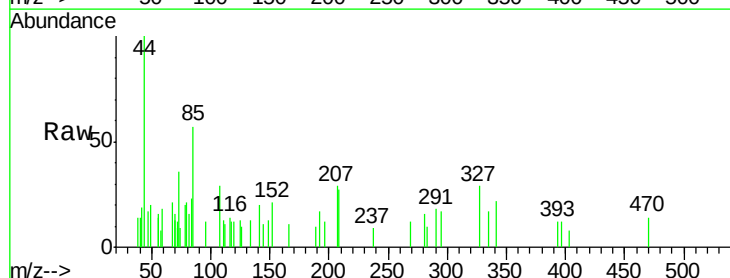


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

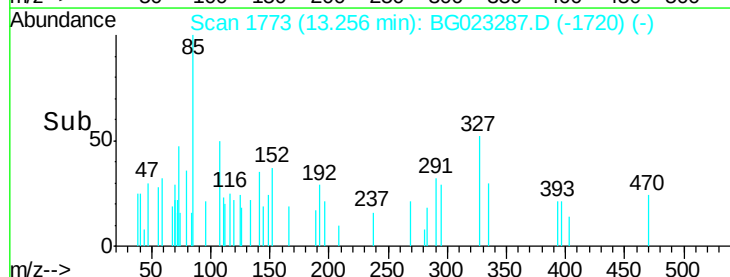
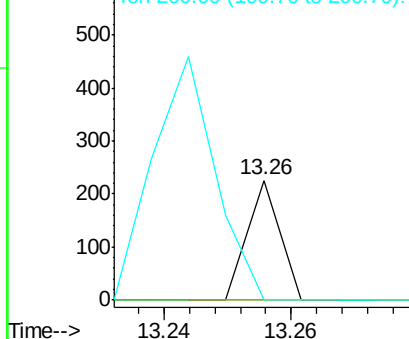


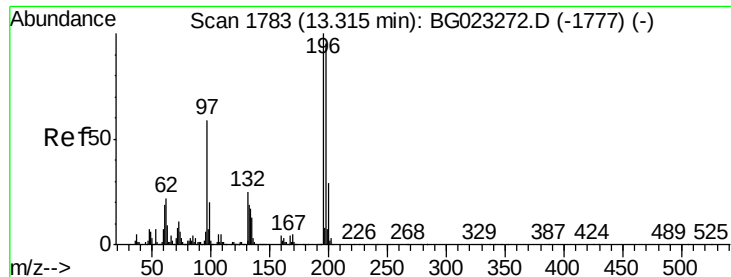
#42
 2,4,6-Trichlorophenol
 Concen: 0.01 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: BG023287.D
 Acq: 27 Jul 2016 17:42

Tgt Ion:196 Resp: 80
 Ion Ratio Lower Upper
 196 100
 198 0.0 78.2 117.2#
 200 0.0 27.0 40.4#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

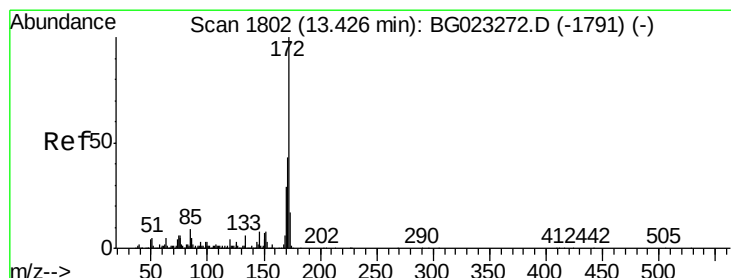
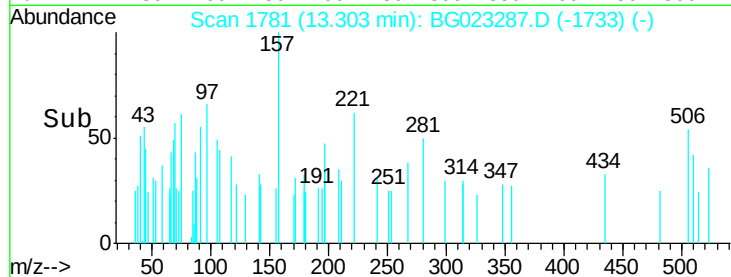
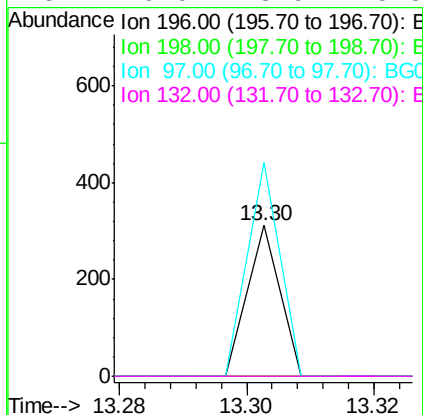
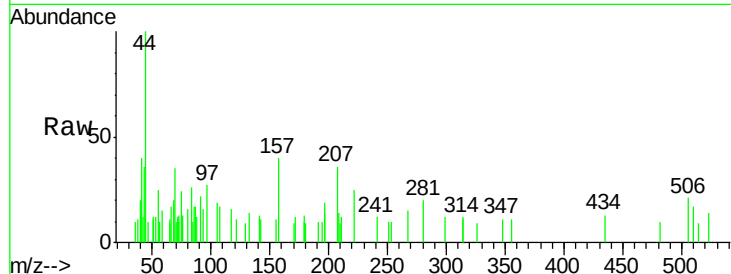




#43
2,4,5-Trichlorophenol
Concen: 0.01 ng
RT: 13.30 min Scan# 1781
Delta R.T. -0.02 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

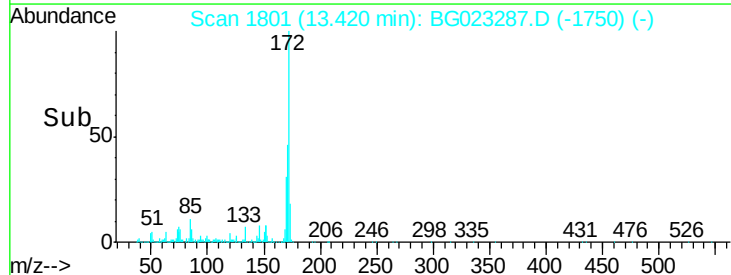
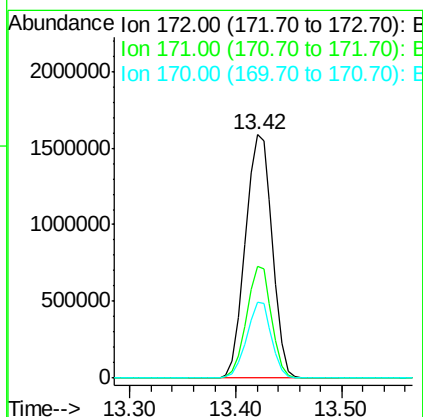
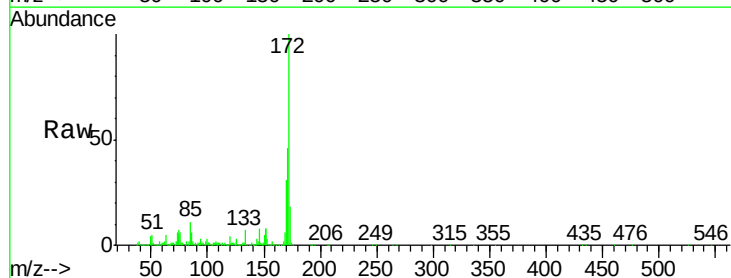
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

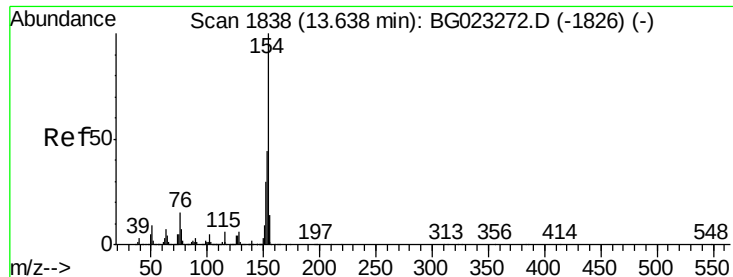
Tgt Ion:196 Resp: 110
Ion Ratio Lower Upper
196 100
198 0.0 85.7 128.5#
97 141.8 45.5 68.3#
132 0.0 18.9 28.3#



#44
2-Fluorobiphenyl
Concen: 93.64 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:172 Resp: 2803588
Ion Ratio Lower Upper
172 100
171 45.7 31.6 47.4
170 31.2 21.3 31.9

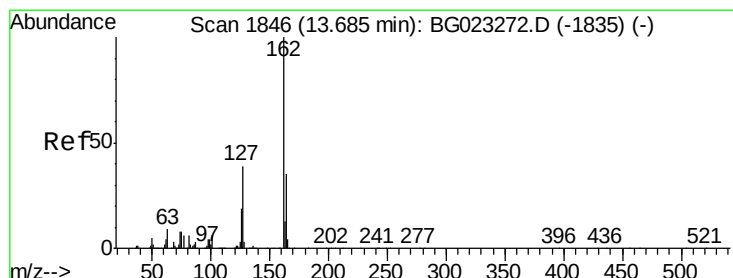
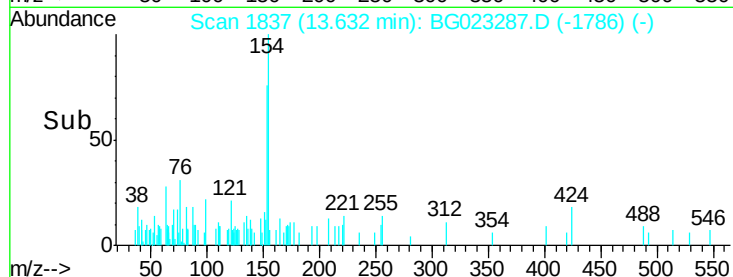
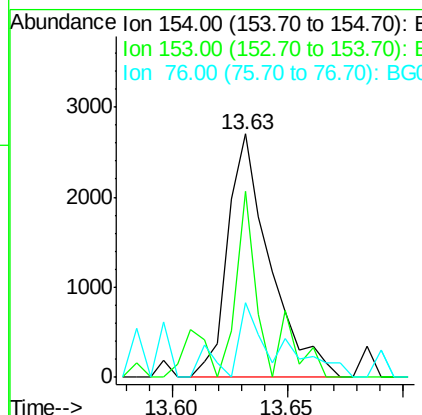
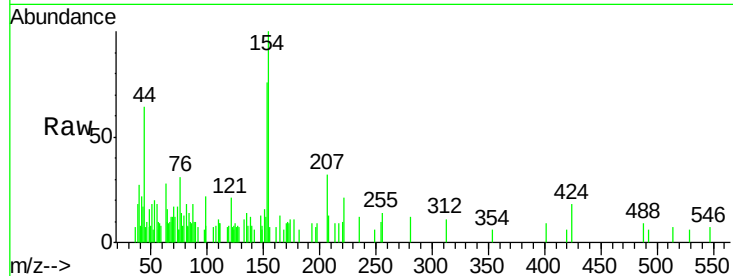




#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

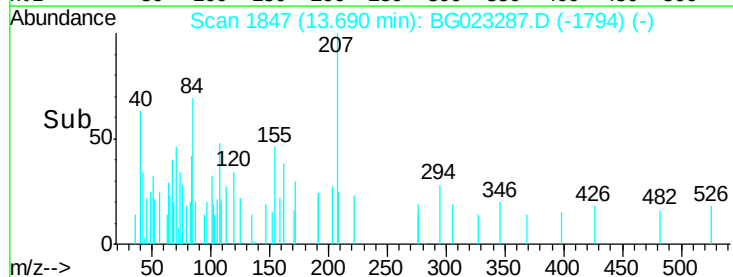
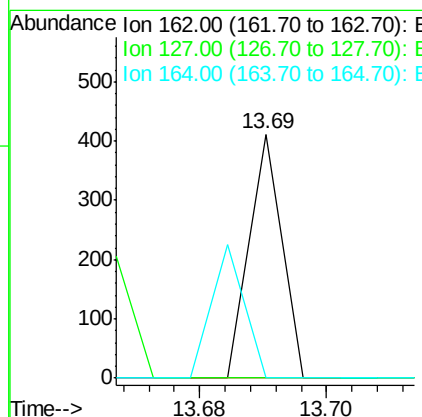
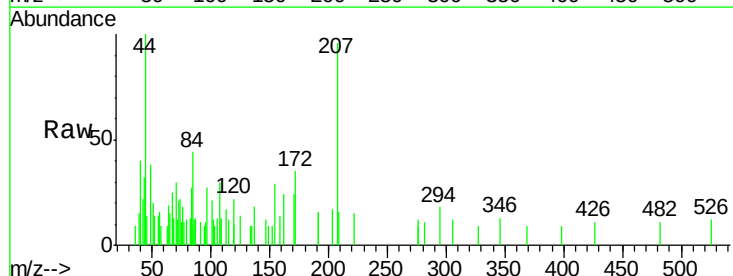
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

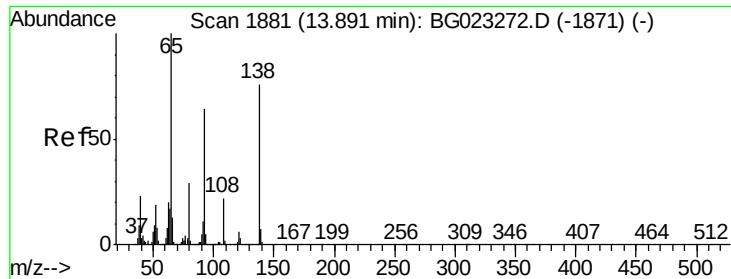
Tgt Ion:154 Resp: 3439
Ion Ratio Lower Upper
154 100
153 76.2 20.2 60.2#
76 30.6 0.0 32.9



#46
2-Chloronaphthalene
Concen: 0.00 ng
RT: 13.69 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:162 Resp: 145
Ion Ratio Lower Upper
162 100
127 0.0 32.4 48.6#
164 0.0 25.2 37.8#

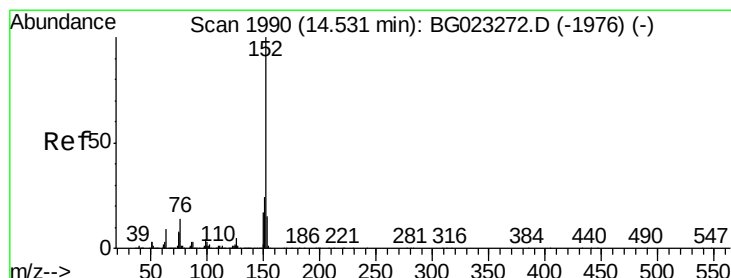
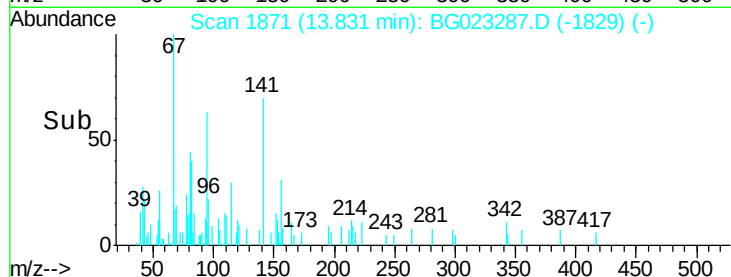
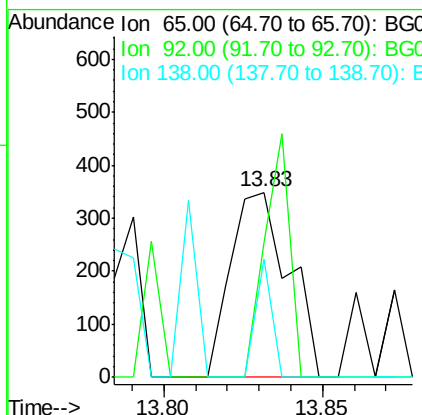
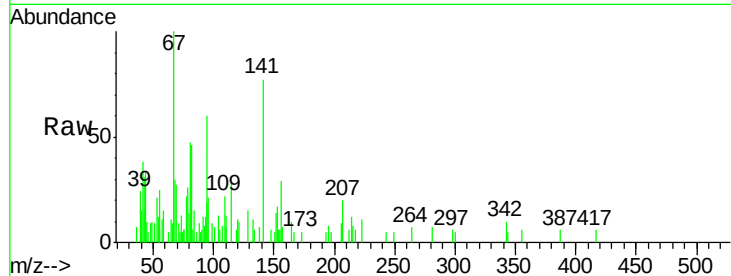




#47
2-Nitroaniline
Concen: 0.03 ng
RT: 13.83 min Scan# 1871
Delta R.T. -0.05 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

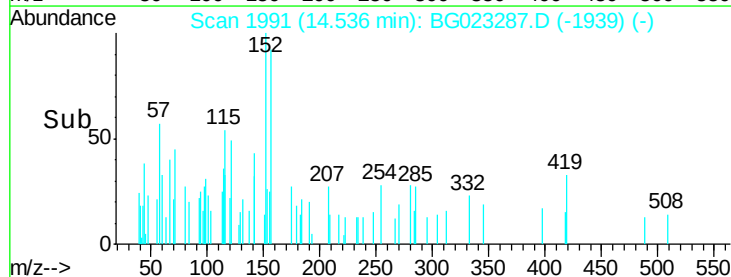
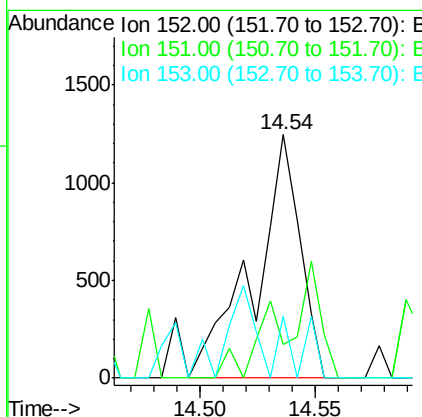
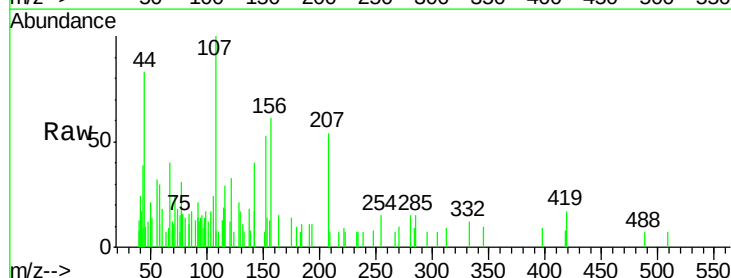
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

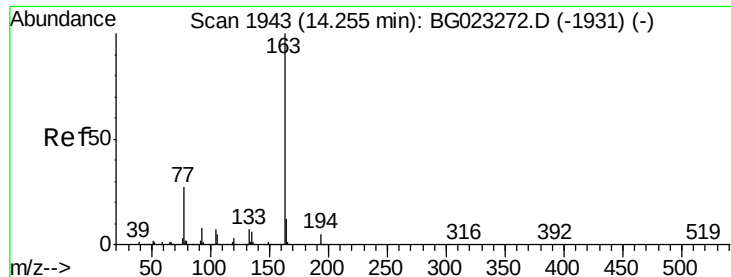
Tgt Ion: 65 Resp: 442
Ion Ratio Lower Upper
65 100
92 73.1 49.4 74.0
138 63.6 58.0 87.0



#48
Acenaphthylene
Concen: 0.04 ng
RT: 14.54 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 152 Resp: 1711
Ion Ratio Lower Upper
152 100
151 13.6 17.6 26.4#
153 25.5 11.4 17.2#





#49

Dimethylphthalate

Concen: 3.84 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

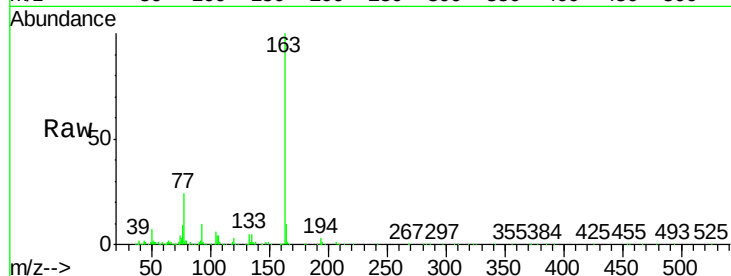
Tgt Ion:163 Resp: 158608

Ion Ratio Lower Upper

163 100

194 3.5 3.6 5.4#

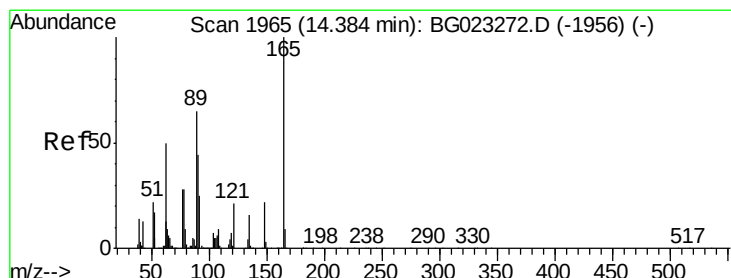
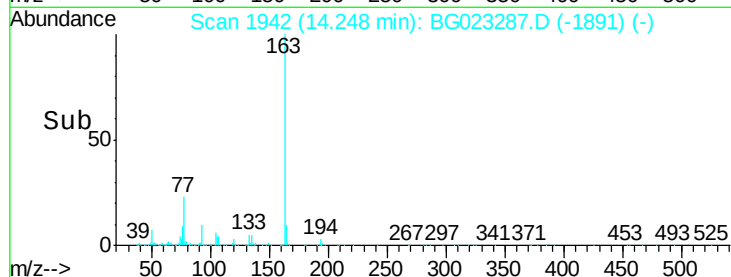
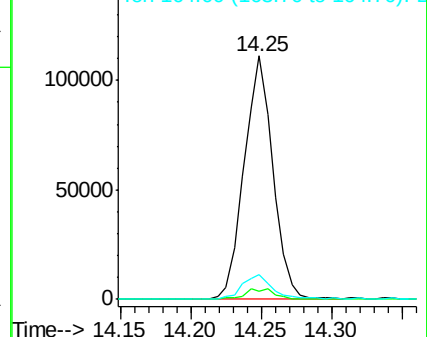
164 10.4 8.1 12.1



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: 14.41 min Scan# 1970

Delta R.T. 0.04 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

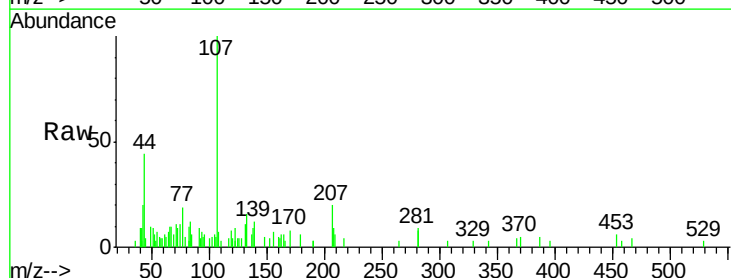
Tgt Ion:165 Resp: 114

Ion Ratio Lower Upper

165 100

63 78.6 64.3 96.5

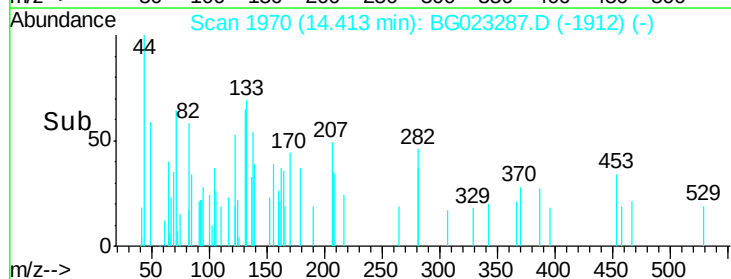
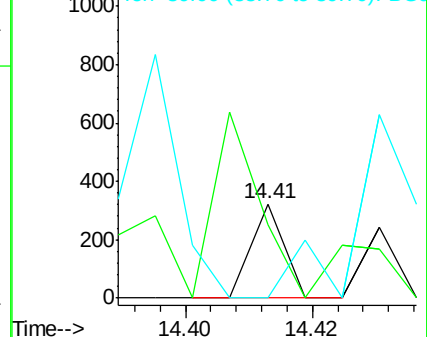
89 0.0 64.3 96.5#

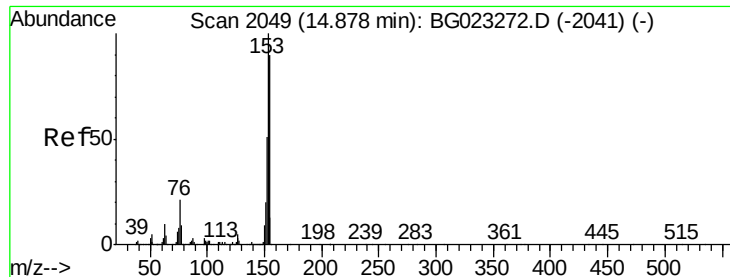


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 1.04 ng

RT: 14.87 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

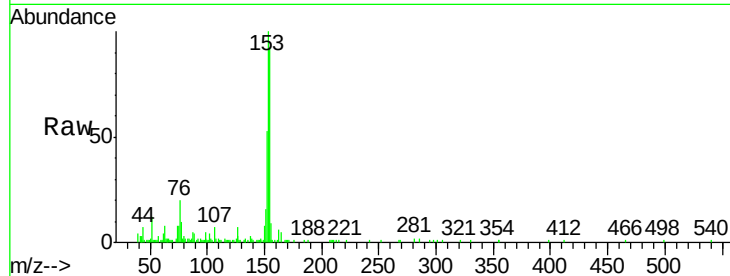
Tgt Ion:154 Resp: 32193

Ion Ratio Lower Upper

154 100

153 108.7 87.5 131.3

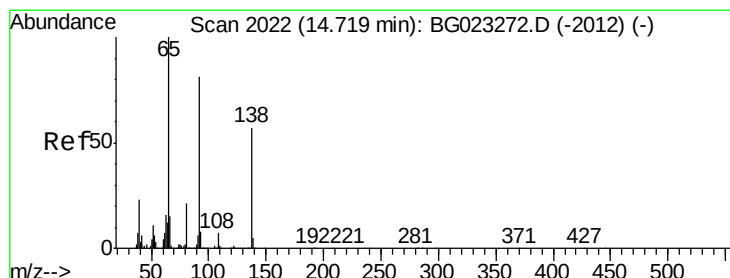
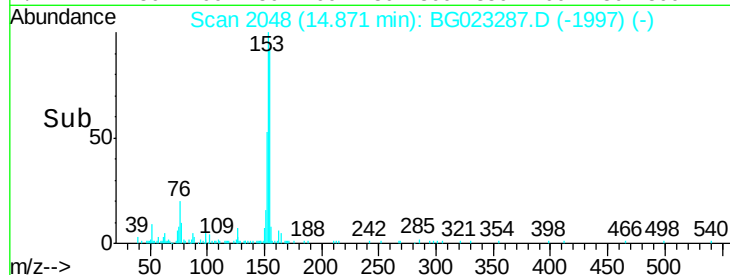
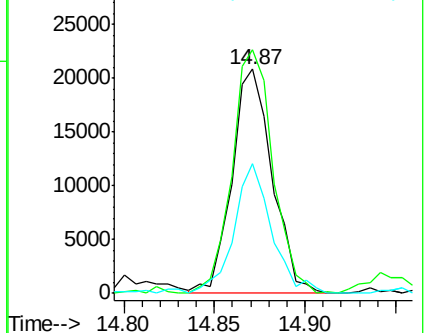
152 58.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.19 ng

RT: 14.69 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

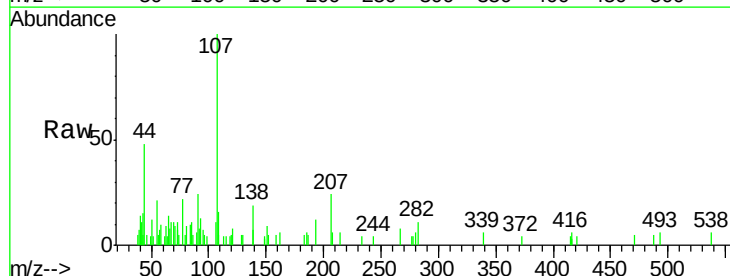
Tgt Ion:138 Resp: 1837

Ion Ratio Lower Upper

138 100

108 26.4 11.7 17.5#

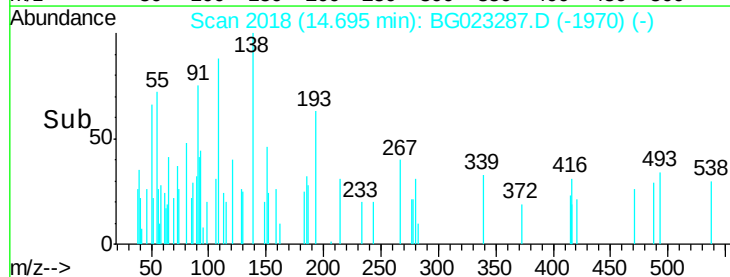
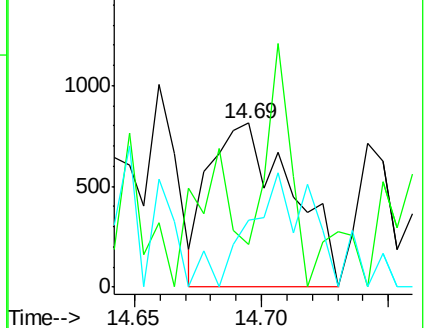
92 41.1 129.7 194.5#

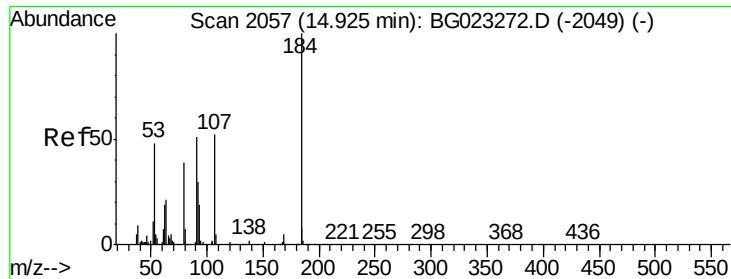


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

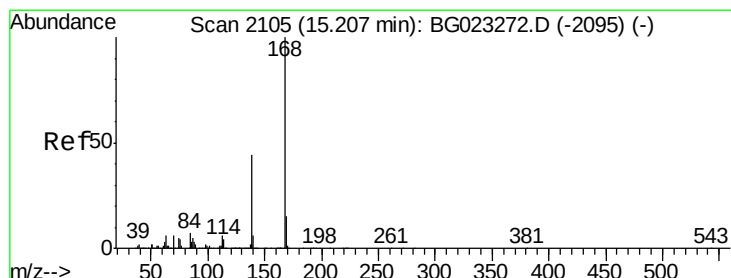
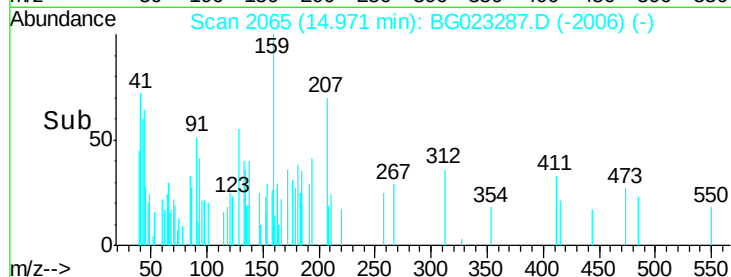
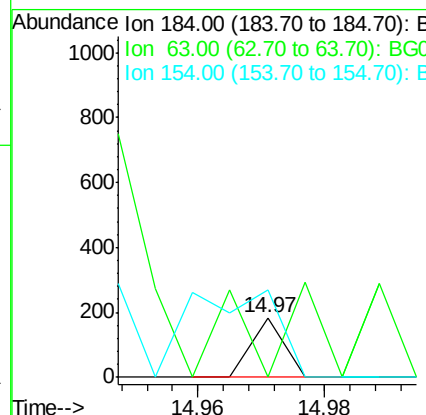
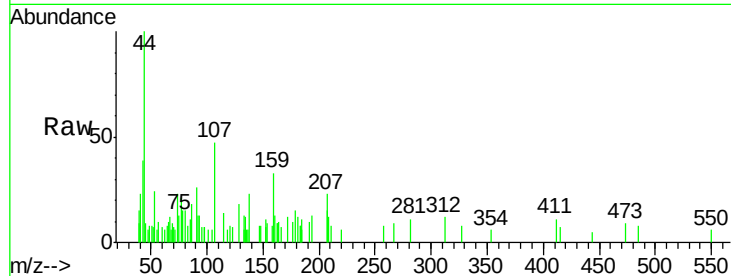




#53
2,4-Dinitrophenol
Concen: 0.01 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.05 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

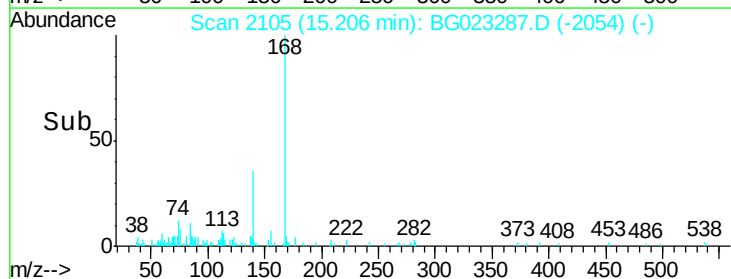
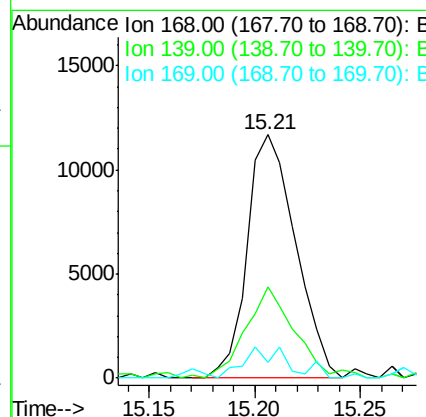
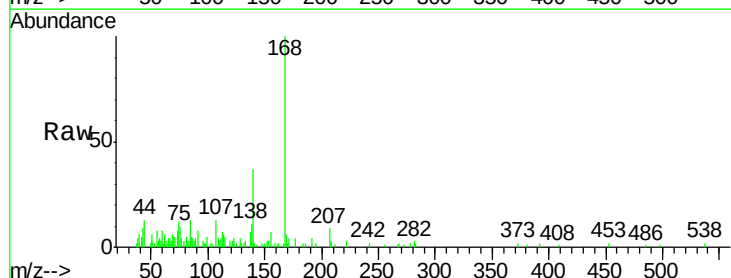
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

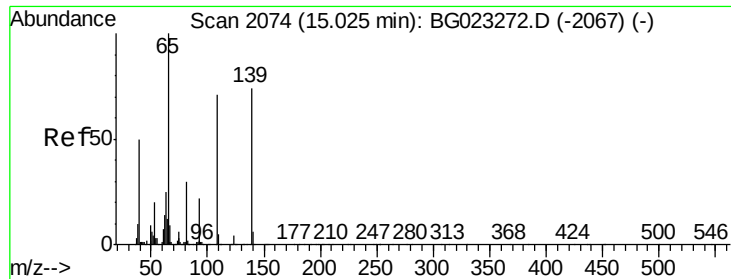
Tgt Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 147.5 67.4 101.0#



#54
Dibenzofuran
Concen: 0.42 ng
RT: 15.21 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:168 Resp: 18584
Ion Ratio Lower Upper
168 100
139 37.3 36.4 54.6
169 6.5 11.9 17.9#

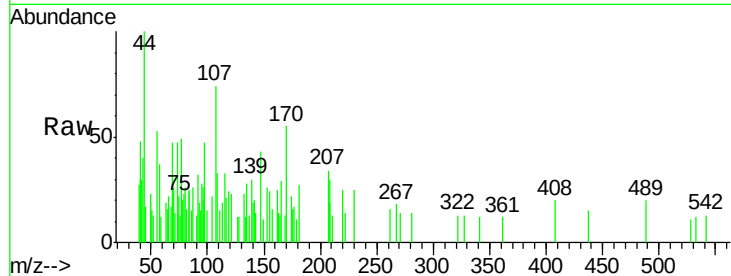




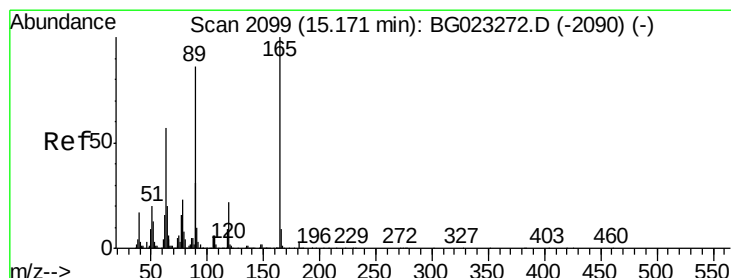
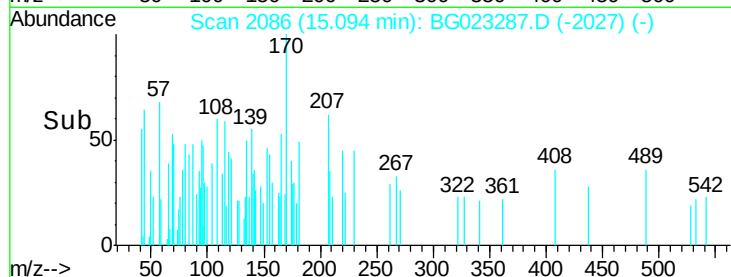
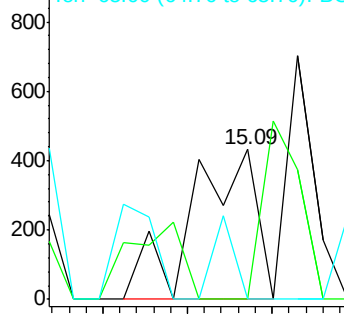
#55
4-Nitrophenol
Concen: 0.05 ng
RT: 15.09 min Scan# 2086
Delta R.T. 0.05 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

Tgt Ion:139 Resp: 460
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#

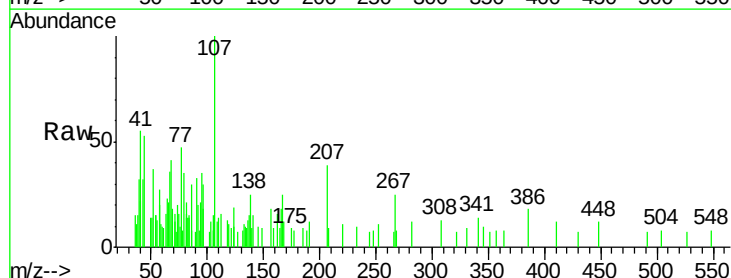


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

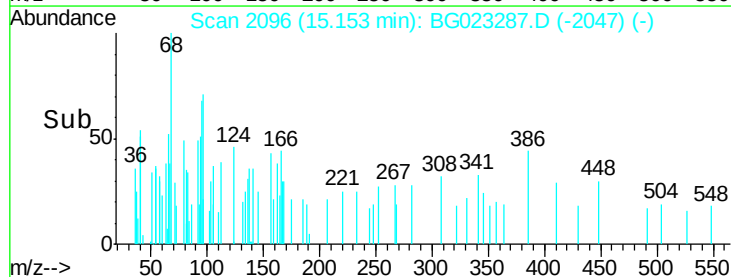
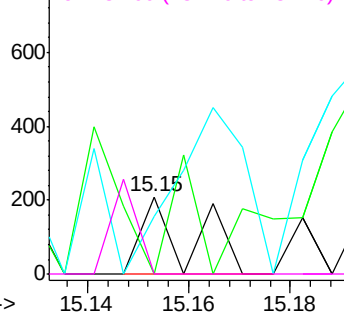


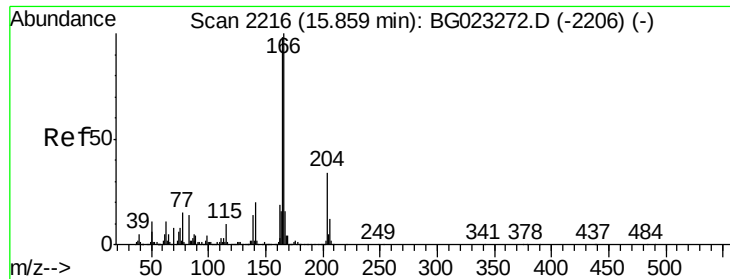
#56
2,4-Dinitrotoluene
Concen: 0.01 ng
RT: 15.15 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:165 Resp: 141
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.6#
89 75.6 68.6 102.8
182 0.0 2.0 3.0#



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





#57

Fluorene

Concen: 0.69 ng

RT: 15.86 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Instrument :

BNA_G

ClientSampleId :

GW-16-7.0-15.0

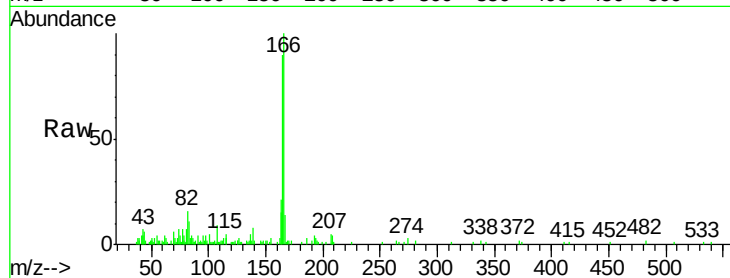
Tgt Ion:166 Resp: 26698

Ion Ratio Lower Upper

166 100

165 90.1 81.0 121.6

167 14.0 12.0 18.0

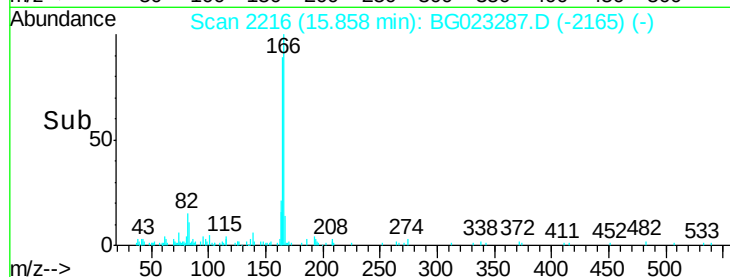


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



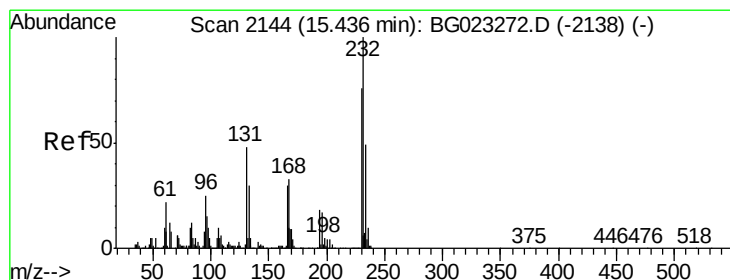
Abundance

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

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 0.01 ng

RT: 15.45 min Scan# 2147

Delta R.T. 0.02 min

Lab File: BG023287.D

Acq: 27 Jul 2016 17:42

Tgt Ion:232 Resp: 57

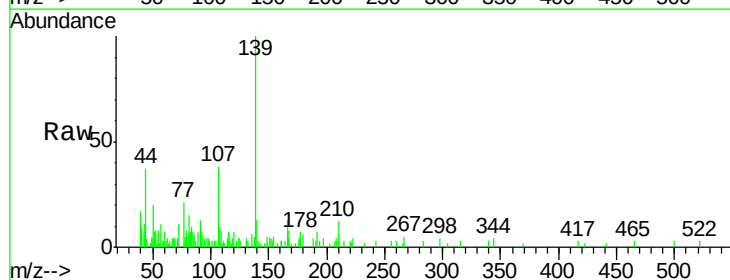
Ion Ratio Lower Upper

232 100

131 0.0 32.7 49.1#

130 219.3 2.6 3.8#

166 4273.7 23.0 34.6#



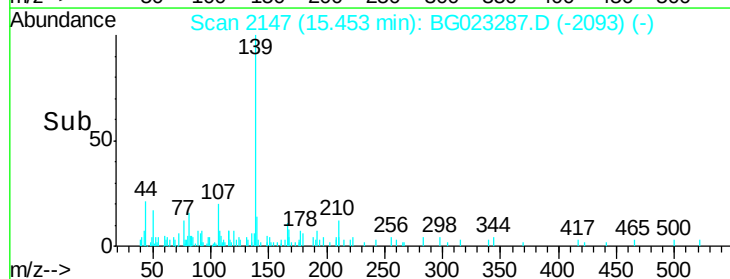
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Abundance

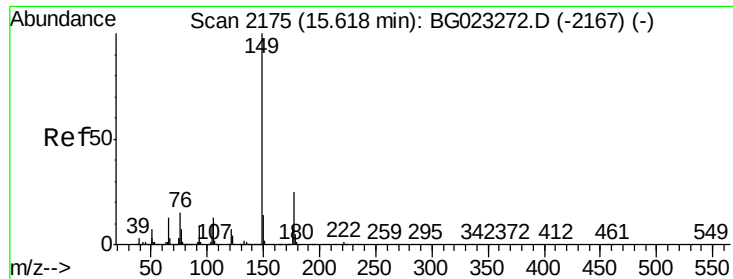
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

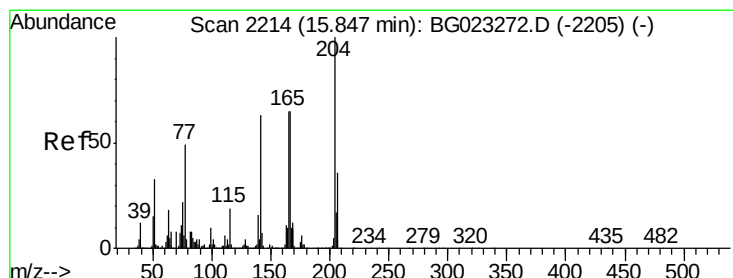
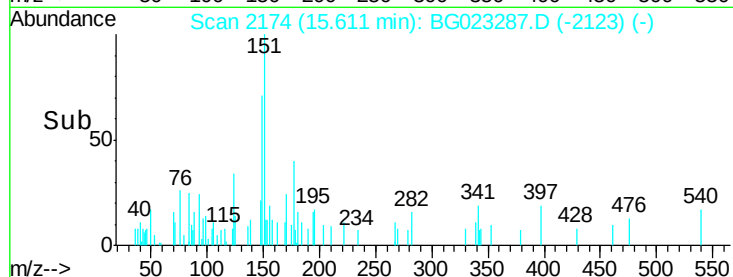
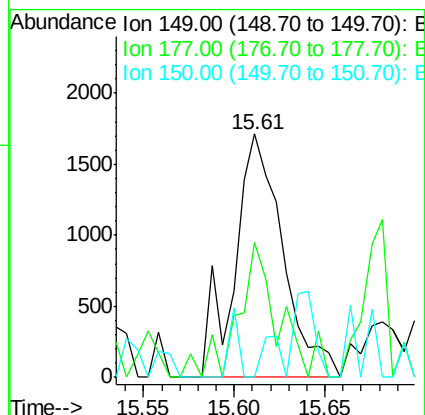
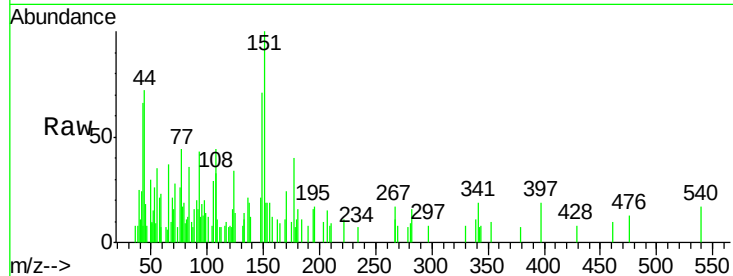
Time-->



#59
Diethylphthalate
Concen: 0.08 ng
RT: 15.61 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

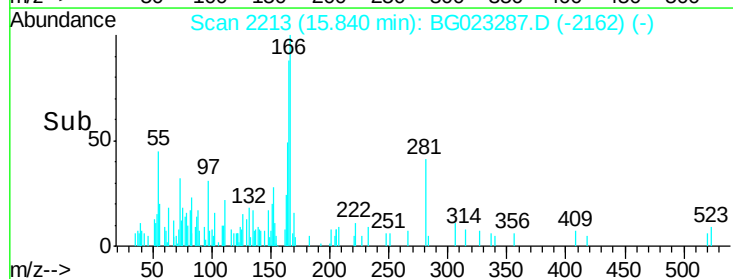
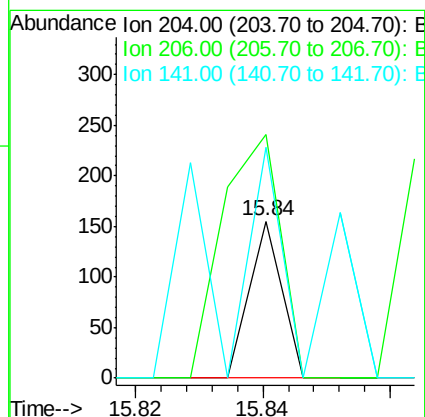
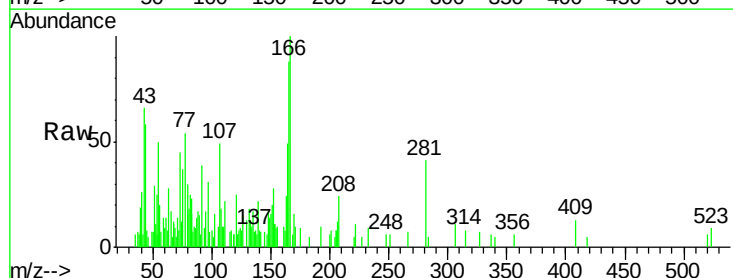
Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

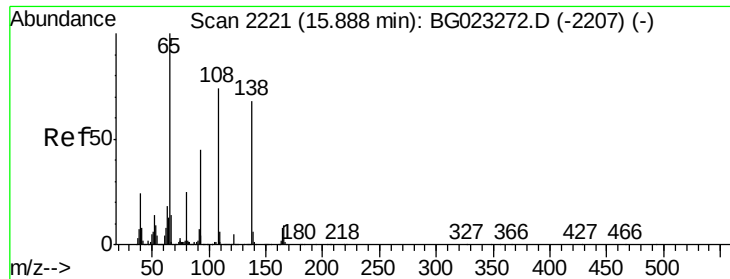
Tgt Ion:149 Resp: 3208
Ion Ratio Lower Upper
149 100
177 55.6 19.2 28.8#
150 0.0 10.6 16.0#



#60
4-Chlorophenyl-phenylether
Concen: 0.00 ng
RT: 15.84 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion:204 Resp: 55
Ion Ratio Lower Upper
204 100
206 155.5 28.5 42.7#
141 147.1 51.4 77.0#

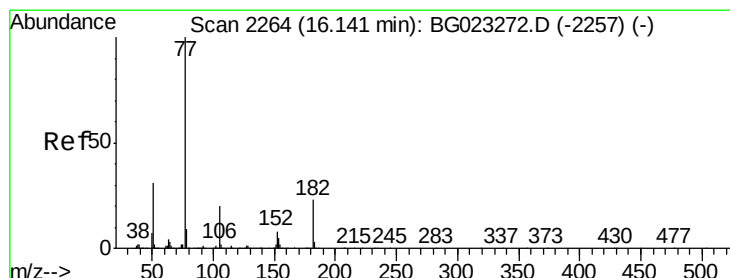
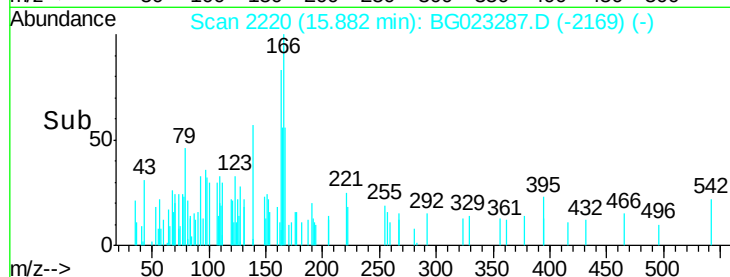
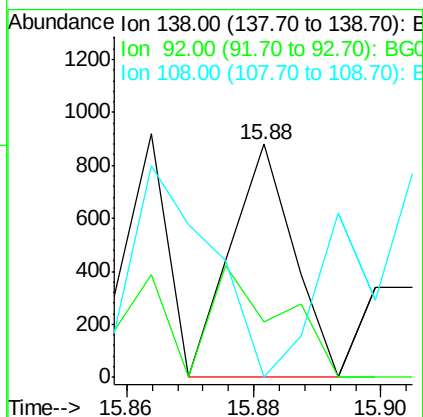
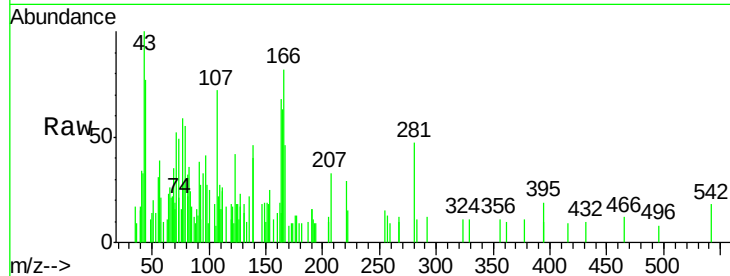




#61
4-Nitroaniline
Concen: 0.06 ng
RT: 15.88 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Instrument :
BNA_G
ClientSampleId :
GW-16-7.0-15.0

Tgt Ion: 138 Resp: 601
Ion Ratio Lower Upper
138 100
92 23.8 54.1 94.1#
108 0.0 133.9 173.9#



#62
Azobenzene
Concen: 0.06 ng
RT: 16.20 min Scan# 2274
Delta R.T. 0.06 min
Lab File: BG023287.D
Acq: 27 Jul 2016 17:42

Tgt Ion: 77 Resp: 2450
Ion Ratio Lower Upper
77 100
182 9.6 3.5 43.5
105 33.1 0.0 38.5
51 55.6 17.1 57.1

