

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023284.D
 Acq On : 27 Jul 2016 15:42
 Operator : UM/SJ
 Sample : H4133-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

Quant Time: Jul 28 01:09:09 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	319526	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	1320594	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	524849	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1762494	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1382889	20.00	ng	0.00
86) Perylene-d12	25.30	264	6777	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	1652721	88.30	ng	0.00
7) Phenol-d6	7.29	99	1883932	65.56	ng	0.00
23) Nitrobenzene-d5	9.31	82	1664641	61.64	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	910865	167.68	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2919848	104.12	ng	0.00
78) Terphenyl-d14	20.18	244	3405833	80.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	335	0.04	ng	# 20
3) Pyridine	3.98	79	1180	0.04	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	638	0.05	ng	# 7
6) Aniline	7.49	93	158	0.00	ng	# 1
8) 2-Chlorophenol	7.68	128	349	0.02	ng	# 1
9) Benzaldehyde	7.28	77	5473	0.27	ng	# 52
10) Phenol	7.31	94	428	0.01	ng	# 1
11) bis(2-Chloroethyl)ether	7.54	93	207	0.01	ng	# 60
12) 1,3-Dichlorobenzene	8.02	146	76	0.00	ng	# 32
13) 1,4-Dichlorobenzene	8.17	146	385	0.02	ng	# 71
14) 1,2-Dichlorobenzene	8.49	146	558	0.02	ng	# 72
15) Benzyl Alcohol	8.46	79	26997	1.40	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	8.66	45	1326	0.03	ng	# 27
17) 2-Methylphenol	8.59	107	621	0.03	ng	# 12
18) Hexachloroethane	9.25	117	1522	0.15	ng	# 1
19) n-Nitroso-di-n-propylamine	8.86	70	413	0.02	ng	# 41
20) 3+4-Methylphenols	8.91	107	491	0.02	ng	# 58
22) Acetophenone	8.95	105	4769	0.14	ng	# 75
24) Nitrobenzene	9.38	77	467	0.01	ng	# 50
25) Isophorone	9.88	82	420	0.01	ng	# 27
26) 2-Nitrophenol	10.14	139	66	0.01	ng	# 1
27) 2,4-Dimethylphenol	10.15	122	70	0.00	ng	# 1
28) bis(2-Chloroethoxy)methane	10.36	93	284	0.01	ng	# 50
29) 2,4-Dichlorophenol	10.61	162	148	0.01	ng	# 25
30) 1,2,4-Trichlorobenzene	10.84	180	631	0.03	ng	# 14
31) Naphthalene	11.03	128	235559	3.84	ng	# 97
32) Benzoic acid	10.28	122	577	8.14	ng	# 85
33) 4-Chloroaniline	11.03	127	31763	1.12	ng	# 31
34) Hexachlorobutadiene	11.37	225	215	0.02	ng	# 18
35) Caprolactam	11.89	113	190	0.02	ng	# 57
36) 4-Chloro-3-methylphenol	12.24	107	315	0.01	ng	# 26
37) 2-Methylnaphthalene	12.63	142	30742	0.68	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	159	0.01	ng	# 1
40) Hexachlorocyclopentadiene	13.05	237	202	0.03	ng	# 86

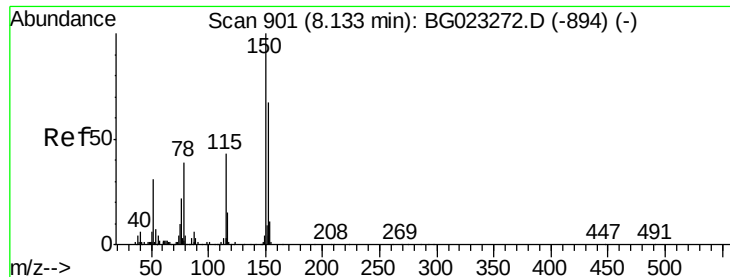
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
 Data File : BG023284.D
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Quant Time: Jul 28 01:09:09 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	370	0.04	ng	# 11
43) 2,4,5-Trichlorophenol	13.32	196	152	0.01	ng	# 12
45) 1,1'-Biphenyl	13.63	154	3605	0.10	ng	93
46) 2-Chloronaphthalene	13.68	162	207	0.01	ng	# 38
47) 2-Nitroaniline	13.88	65	439	0.04	ng	# 16
48) Acenaphthylene	14.53	152	249	0.01	ng	# 1
49) Dimethylphthalate	14.25	163	2152	0.06	ng	# 44
50) 2,6-Dinitrotoluene	14.37	165	230	0.03	ng	# 77
51) Acenaphthene	14.87	154	3535	0.12	ng	98
52) 3-Nitroaniline	14.70	138	175	0.02	ng	# 1
53) 2,4-Dinitrophenol	14.86	184	60	0.01	ng	# 1
54) Dibenzofuran	15.21	168	4922	0.12	ng	# 67
55) 4-Nitrophenol	15.11	139	126	0.02	ng	# 8
56) 2,4-Dinitrotoluene	15.17	165	960	0.08	ng	# 56
57) Fluorene	15.86	166	4044	0.11	ng	# 69
58) 2,3,4,6-Tetrachlorophenol	15.44	232	116	0.01	ng	# 1
59) Diethylphthalate	15.61	149	3828	0.10	ng	# 70
60) 4-Chlorophenyl-phenylether	15.84	204	105	0.01	ng	# 26
61) 4-Nitroaniline	15.87	138	55	0.01	ng	# 1
62) Azobenzene	15.90	77	498	0.01	ng	69
64) 4,6-Dinitro-2-methylphenol	15.91	198	72	0.01	ng	# 1
65) n-Nitrosodiphenylamine	16.30	169	38785	0.82	ng	# 51
66) 4-Bromophenyl-phenylether	16.71	248	151	0.01	ng	# 42
67) Hexachlorobenzene	16.88	284	66	0.00	ng	# 40
68) Atrazine	17.04	200	54	0.00	ng	# 1
69) Pentachlorophenol	17.34	266	105	0.01	ng	87
70) Phenanthrene	17.61	178	9107	0.12	ng	# 86
71) Anthracene	17.68	178	527	0.01	ng	# 57
72) Carbazole	17.97	167	60	0.00	ng	# 55
73) Di-n-butylphthalate	18.52	149	9359	0.12	ng	# 95
74) Fluoranthene	19.61	202	521	0.01	ng	# 1
76) Benzidine	19.83	184	80	0.00	ng	# 1
77) Pyrene	20.18	202	21530	0.27	ng	# 63
79) Butylbenzylphthalate	20.89	149	391	0.01	ng	# 9
80) Benzo(a)anthracene	21.89	228	6232	0.09	ng	# 59
81) 3,3'-Dichlorobenzidine	21.78	252	921	0.03	ng	# 71
82) Chrysene	21.94	228	1134	0.02	ng	# 46
83) Bis(2-ethylhexyl)phthalate	21.75	149	5352	0.11	ng	# 79
84) Di-n-octyl phthalate	23.03	149	1522	0.02	ng	# 1
85) Indeno(1,2,3-cd)pyrene	29.20	276	292	0.00	ng	# 100
87) Benzo(b)fluoranthene	24.21	252	848	2.36	ng	# 1
88) Benzo(k)fluoranthene	24.28	252	756	2.10	ng	# 1
89) Benzo(a)pyrene	25.12	252	269	0.76	ng	# 1
90) Dibenzo(a,h)anthracene	29.25	278	143	0.43	ng	# 1
91) Benzo(g,h,i)perylene	30.41	276	253	0.72	ng	# 43

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023284.D

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BNA_G

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D-32RE

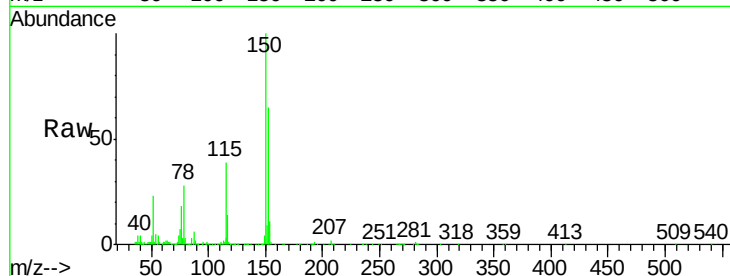
Tgt Ion:152 Resp: 319526

Ion Ratio Lower Upper

152 100

150 153.7 144.7 217.1

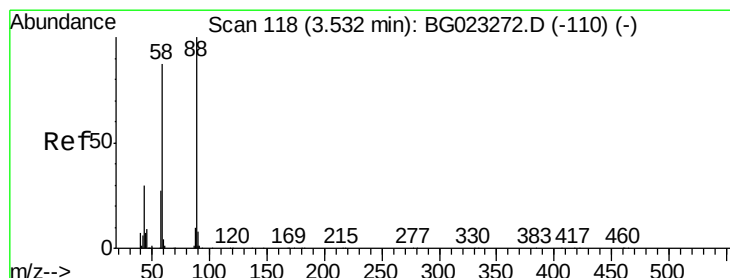
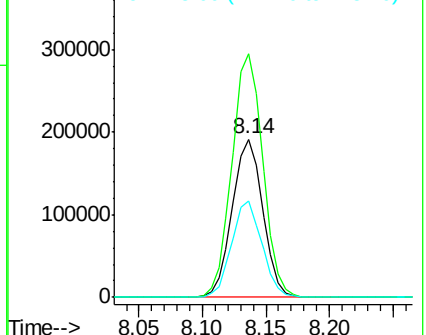
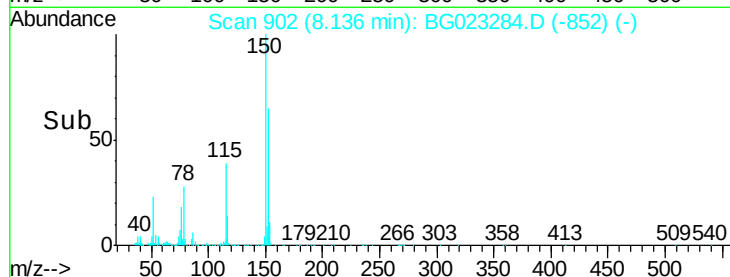
115 60.6 64.0 96.0#



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: 0.04 ng

RT: 3.52 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

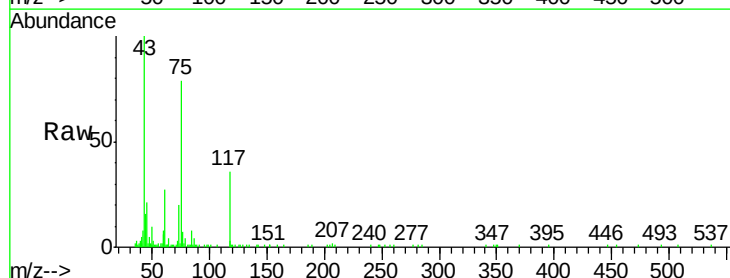
Tgt Ion: 88 Resp: 335

Ion Ratio Lower Upper

88 100

58 0.0 60.4 90.6#

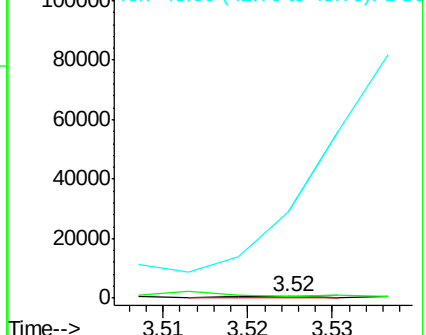
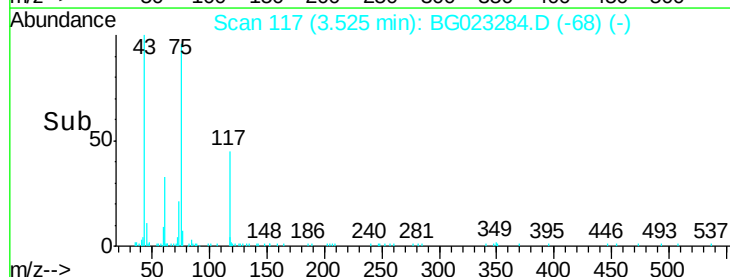
43 0.0 31.1 46.7#

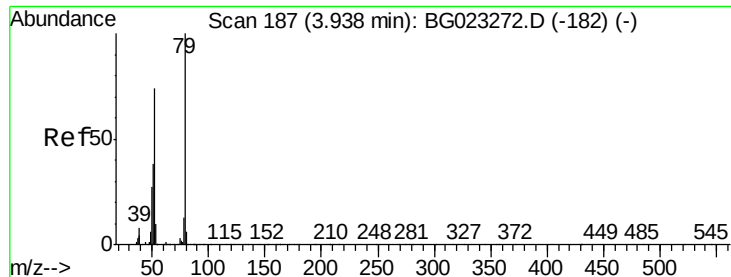


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 0.04 ng

RT: 3.98 min Scan# 195

Delta R.T. 0.02 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

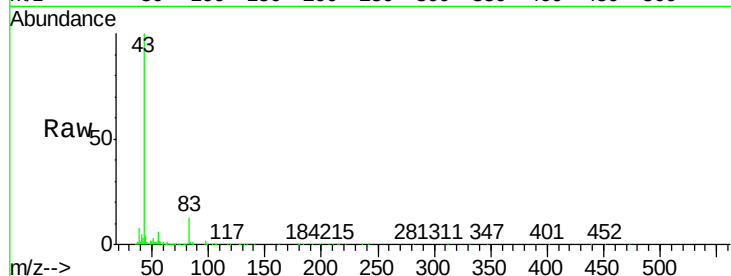
Tgt Ion: 79 Resp: 1180

Ion Ratio Lower Upper

79 100

52 214.3 51.8 77.8#

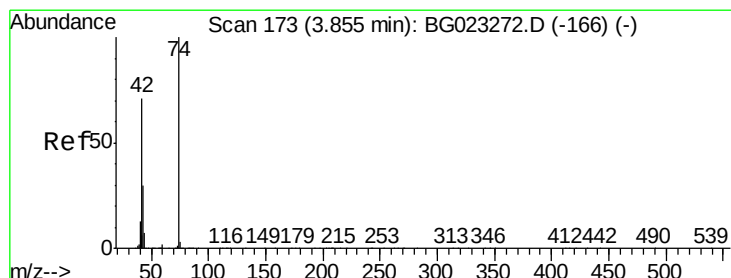
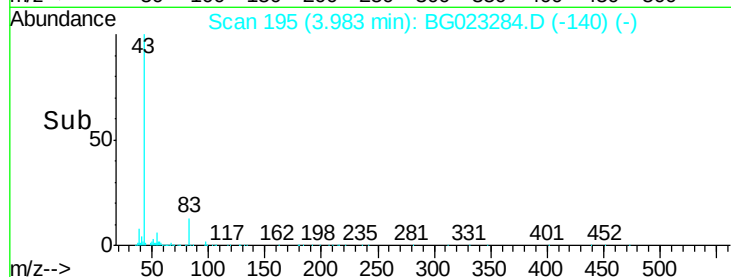
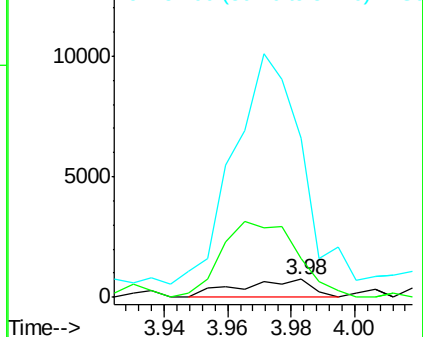
51 878.4 32.7 49.1#



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: 0.05 ng

RT: 3.87 min Scan# 175

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

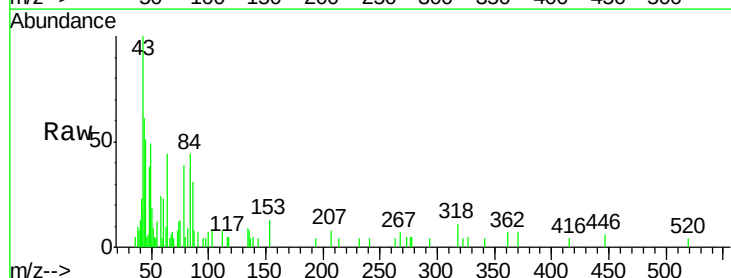
Tgt Ion: 42 Resp: 638

Ion Ratio Lower Upper

42 100

74 54.8 100.6 150.8#

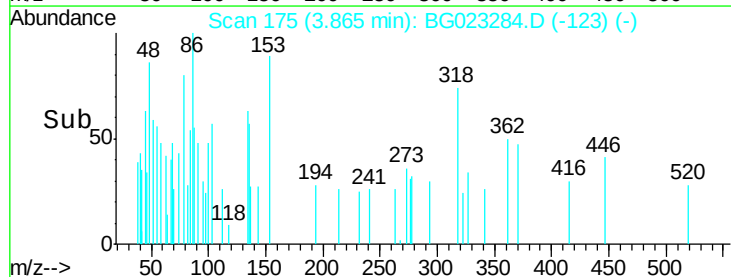
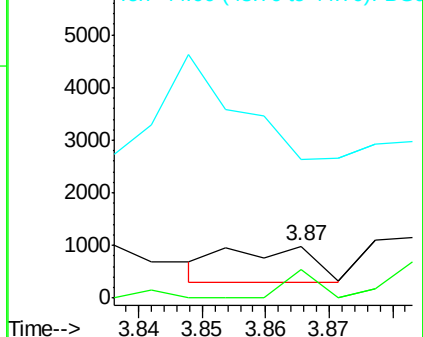
44 268.7 4.5 6.7#

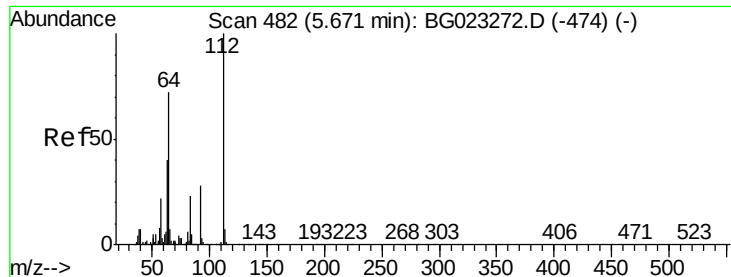


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 88.30 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

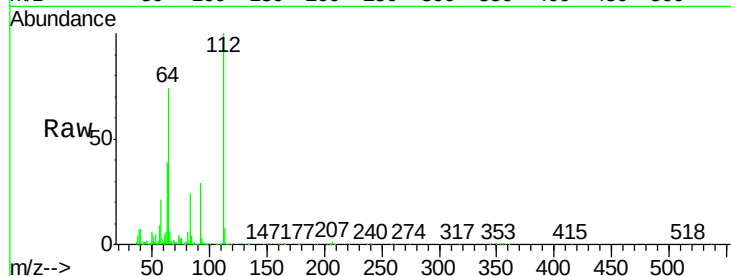
Tgt Ion: 112 Resp: 1652721

Ion Ratio Lower Upper

112 100

64 73.8 59.0 88.4

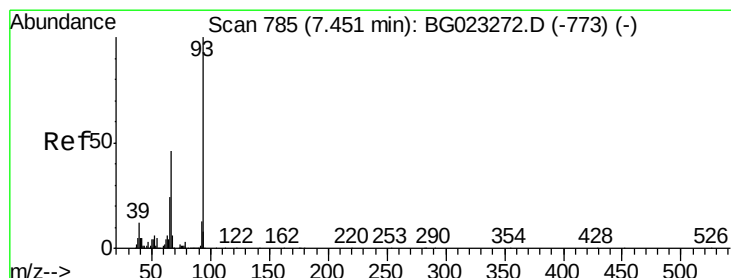
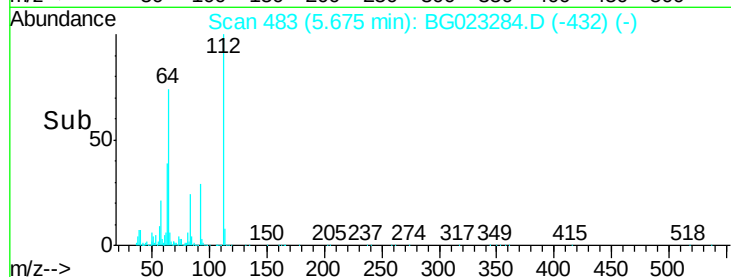
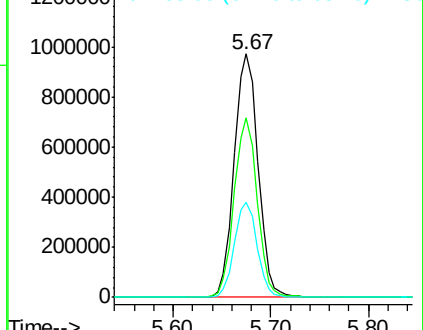
63 39.1 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.00 ng

RT: 7.49 min Scan# 792

Delta R.T. 0.04 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

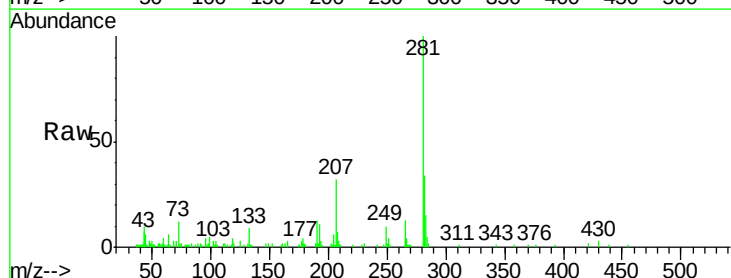
Tgt Ion: 93 Resp: 158

Ion Ratio Lower Upper

93 100

66 106.4 37.5 56.3#

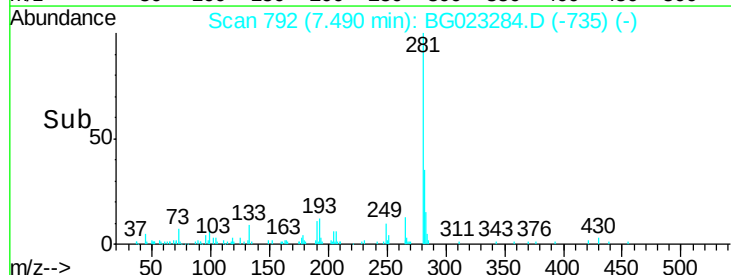
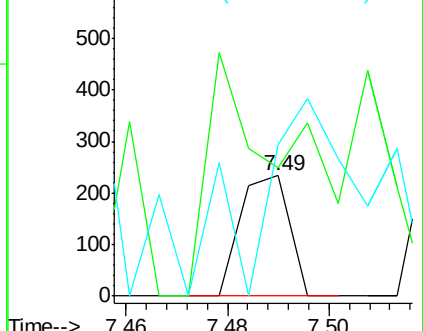
65 126.6 17.9 26.9#

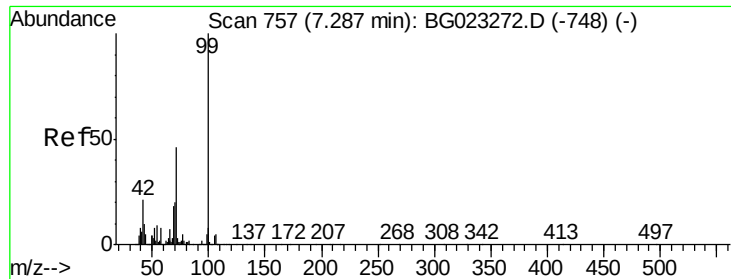


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 65.56 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampled :

D-32RE

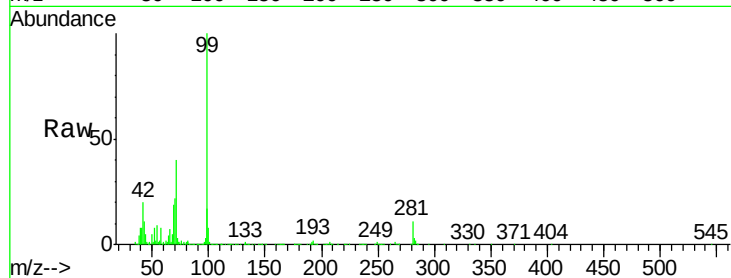
Tgt Ion: 99 Resp: 1883932

Ion Ratio Lower Upper

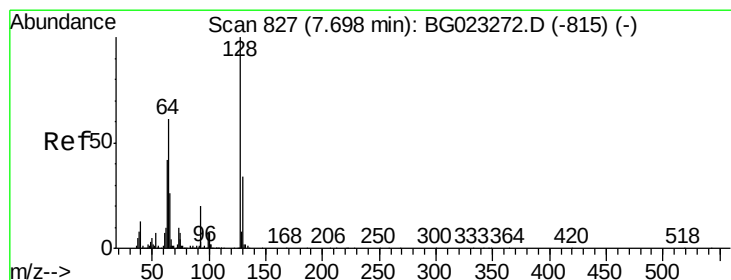
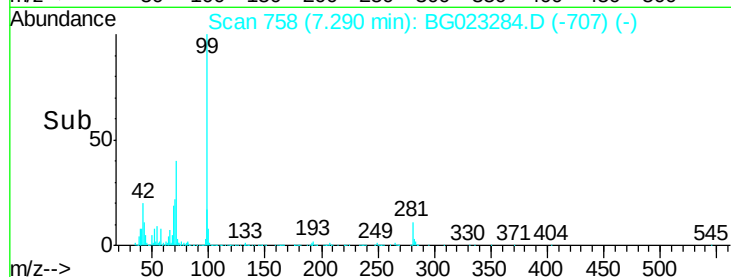
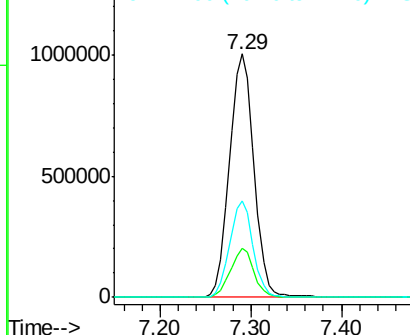
99 100

42 20.0 17.8 26.6

71 39.8 41.5 62.3#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.02 ng

RT: 7.68 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

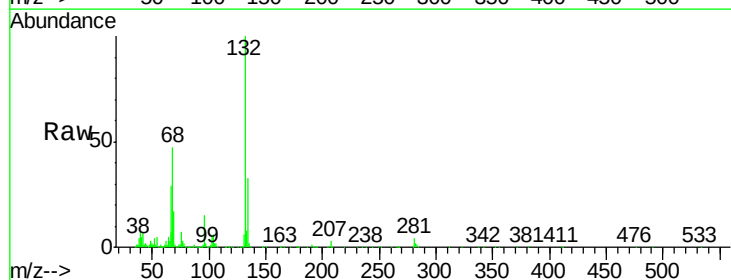
Tgt Ion: 128 Resp: 349

Ion Ratio Lower Upper

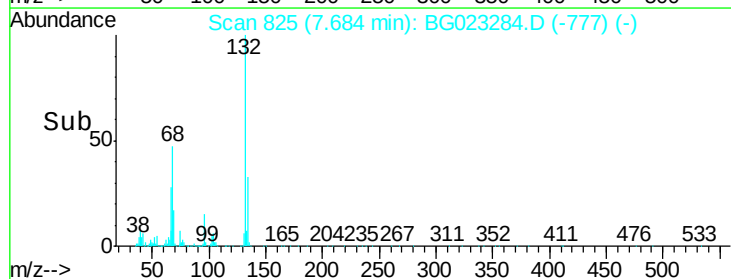
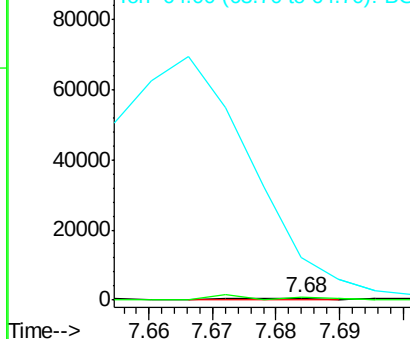
128 100

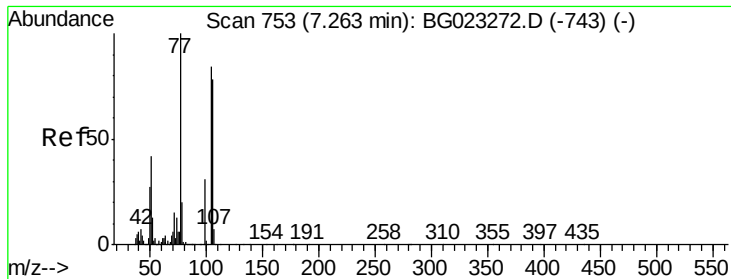
130 154.6 12.9 52.9#

64 2116.1 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: 0.27 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.01 min

Lab File: BG023284.D

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ClientSampleId :

D-32RE

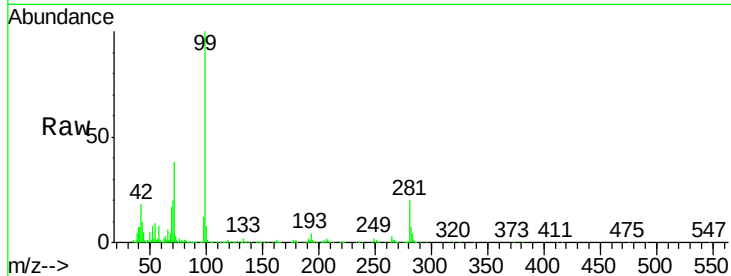
Tgt Ion: 77 Resp: 5473

Ion Ratio Lower Upper

77 100

105 56.0 58.7 98.7#

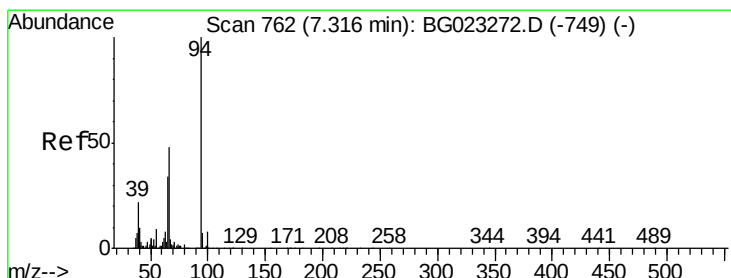
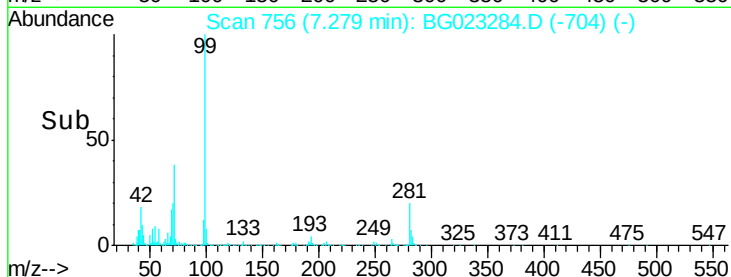
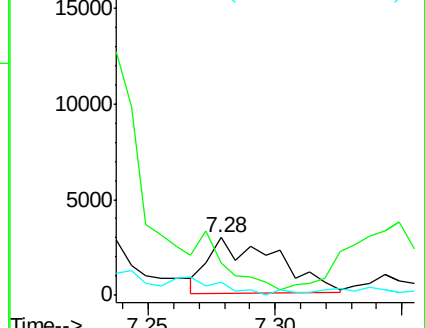
106 23.8 67.5 107.5#



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: 0.01 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.01 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

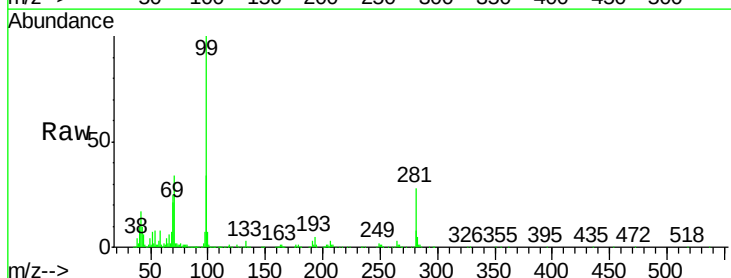
Tgt Ion: 94 Resp: 428

Ion Ratio Lower Upper

94 100

65 751.7 18.1 58.1#

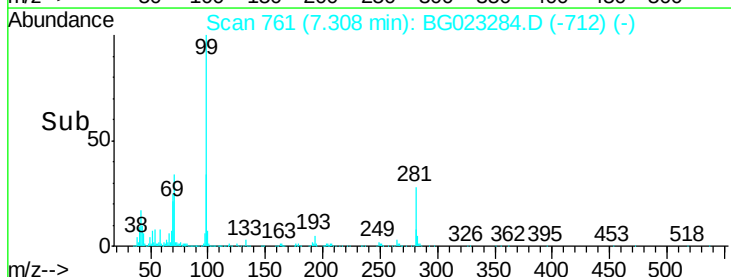
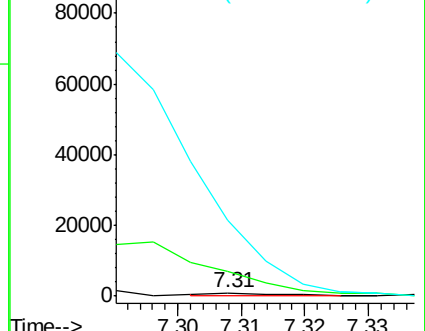
66 2345.9 42.1 82.1#

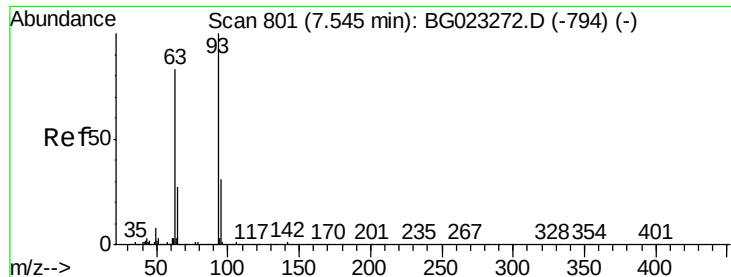


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

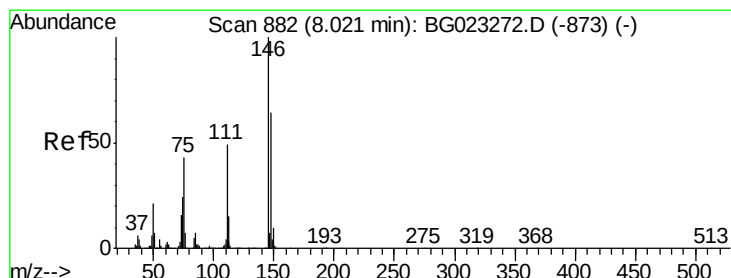
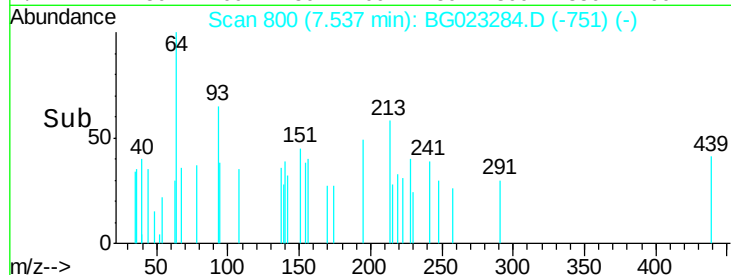
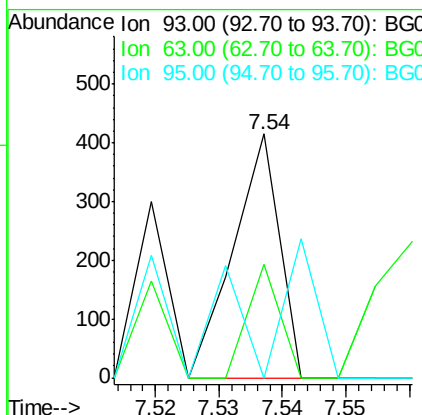
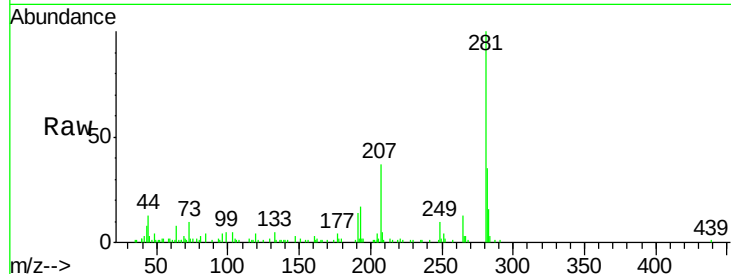




#11
bis(2-Chloroethyl)ether
Concen: 0.01 ng
RT: 7.54 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

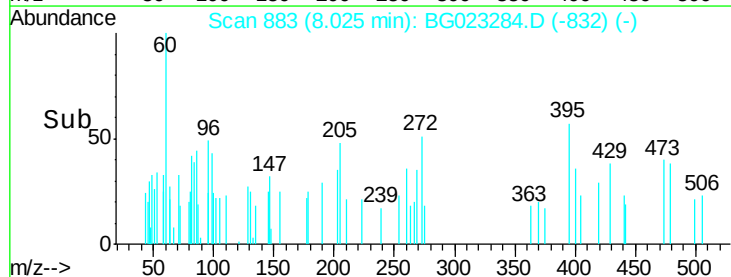
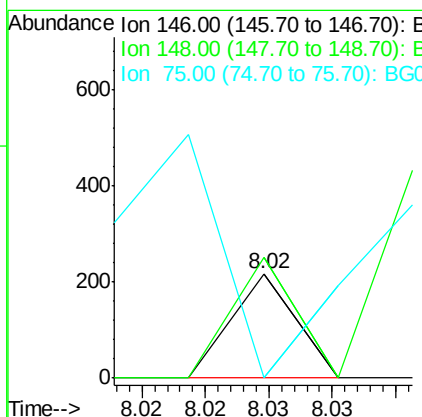
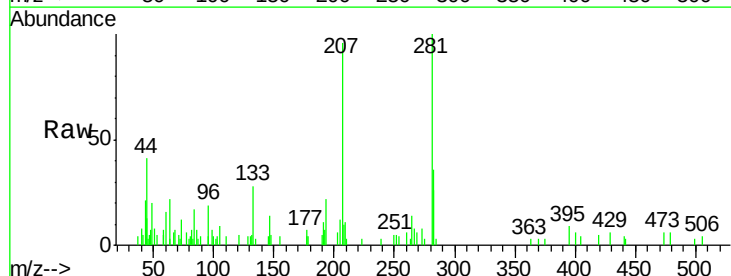
Instrument :
BNA_G
ClientSampleId :
D-32RE

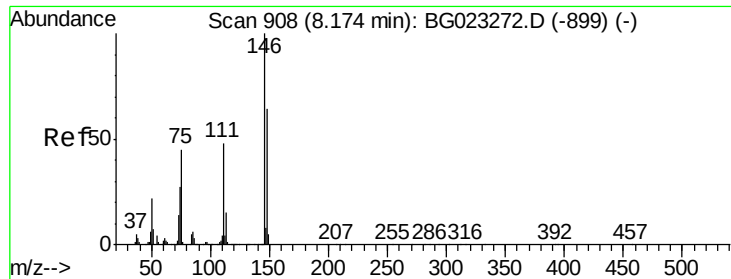
Tgt Ion: 93 Resp: 207
Ion Ratio Lower Upper
93 100
63 46.7 55.0 95.0#
95 0.0 11.0 51.0#



#12
1,3-Dichlorobenzene
Concen: 0.00 ng
RT: 8.02 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion: 146 Resp: 76
Ion Ratio Lower Upper
146 100
148 115.2 50.3 75.5#
75 0.0 37.0 55.6#

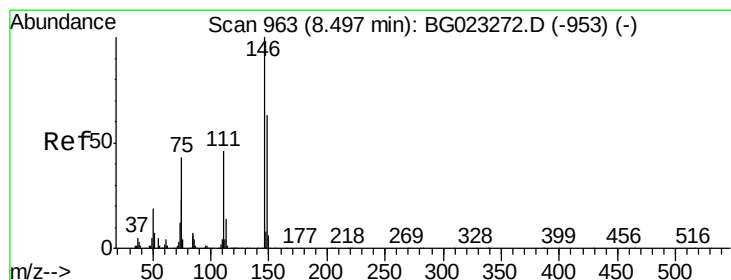
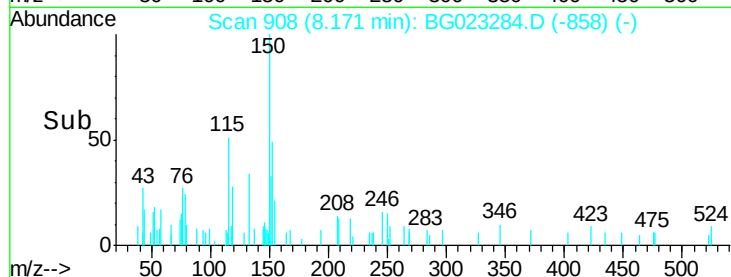
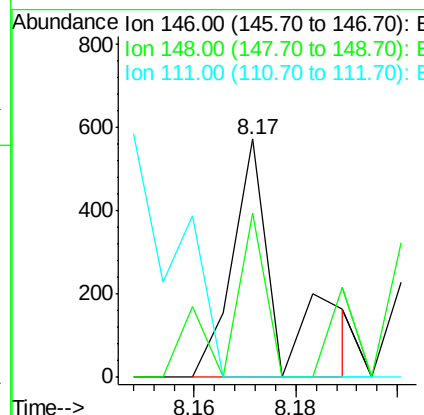
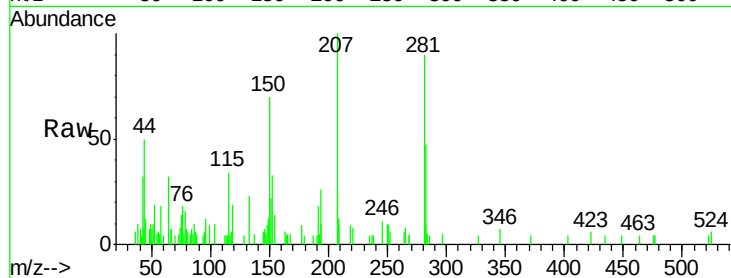




#13
 1,4-Dichlorobenzene
 Concen: 0.02 ng
 RT: 8.17 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

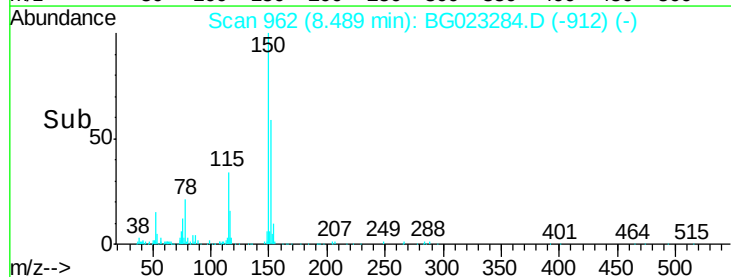
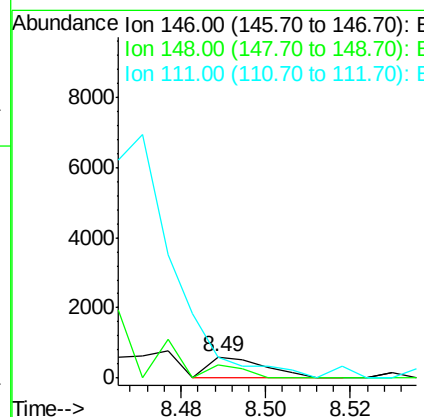
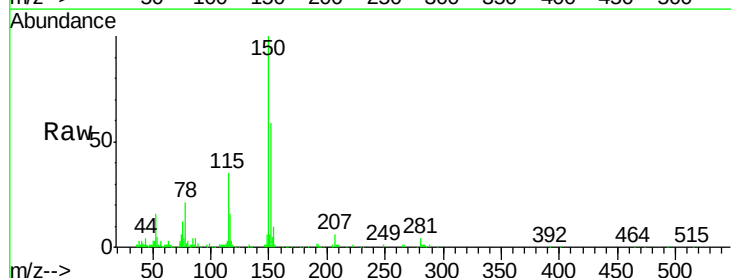
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

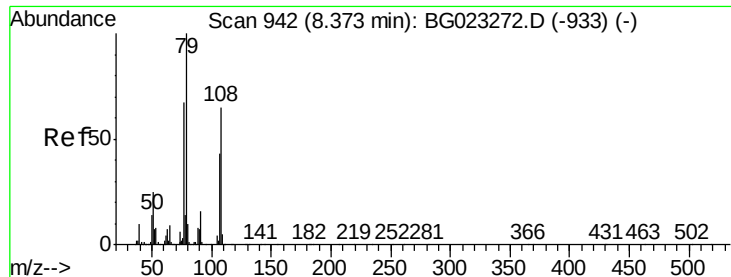
Tgt Ion:146 Resp: 385
 Ion Ratio Lower Upper
 146 100
 148 68.7 54.5 81.7
 111 0.0 37.8 56.8#



#14
 1,2-Dichlorobenzene
 Concen: 0.02 ng
 RT: 8.49 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion:146 Resp: 558
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.9 79.3
 111 97.7 43.5 65.3#





#15

Benzyl Alcohol

Concen: 1.40 ng

RT: 8.46 min Scan# 957

Delta R.T. 0.08 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

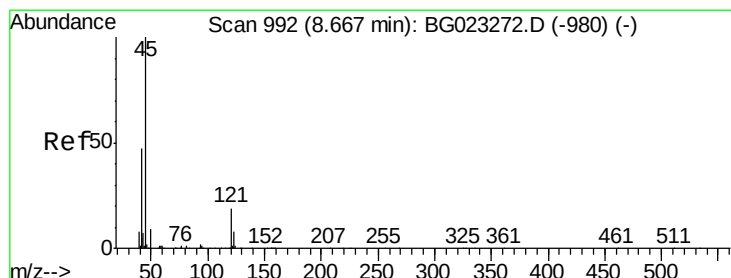
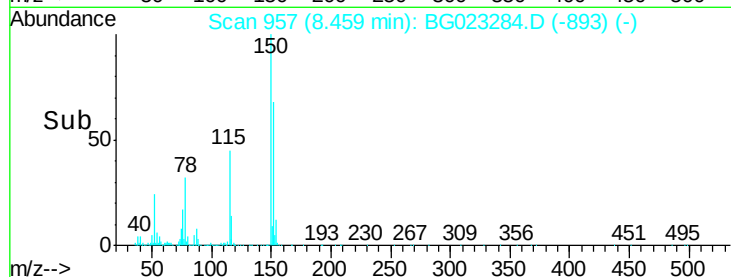
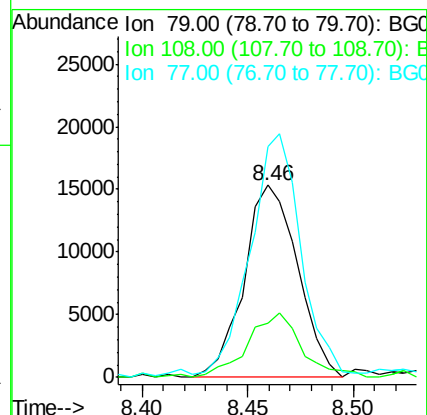
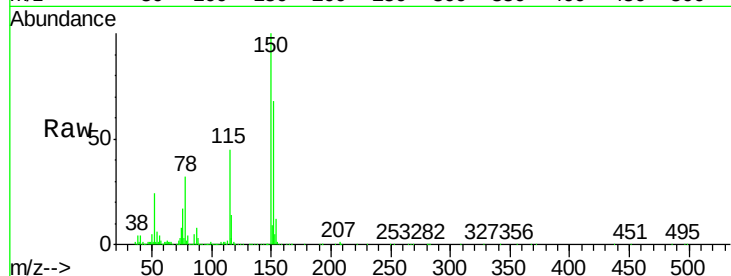
Tgt Ion: 79 Resp: 26997

Ion Ratio Lower Upper

79 100

108 28.0 46.5 69.7#

77 119.8 52.3 78.5#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.03 ng

RT: 8.66 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

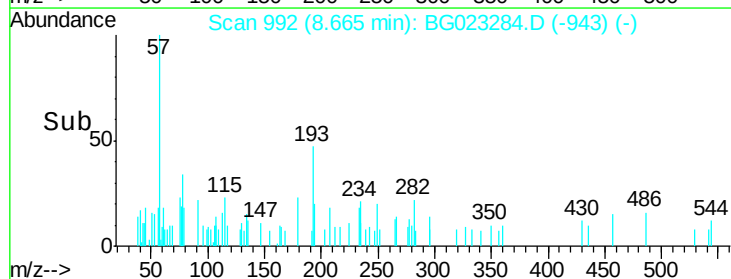
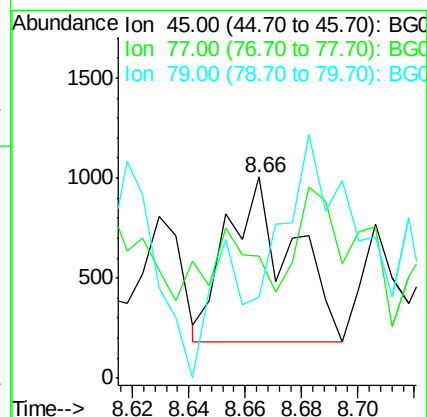
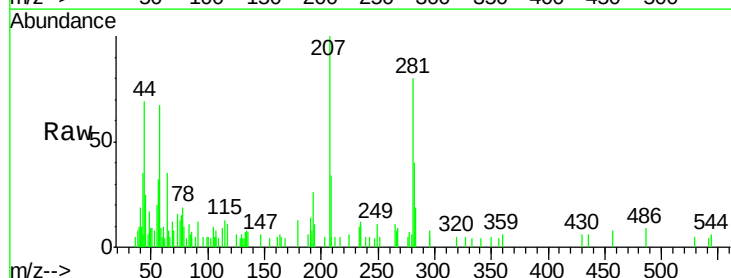
Tgt Ion: 45 Resp: 1326

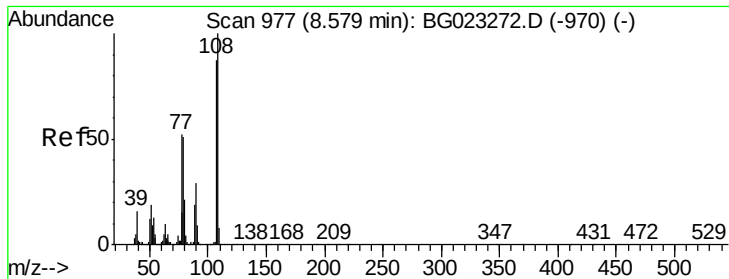
Ion Ratio Lower Upper

45 100

77 60.4 0.6 40.6#

79 40.1 0.0 36.2#





#17

2-Methylphenol

Concen: 0.03 ng

RT: 8.59 min Scan# 979

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

Tgt Ion:107 Resp: 621

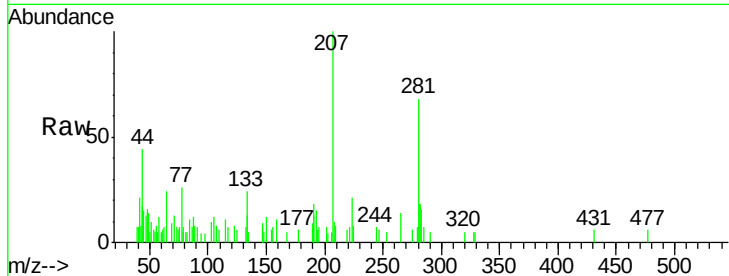
Ion Ratio Lower Upper

107 100

108 0.0 92.0 138.0#

77 164.0 55.8 83.6#

79 43.0 55.0 82.6#

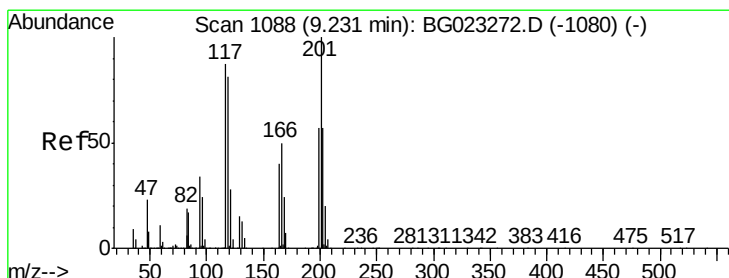
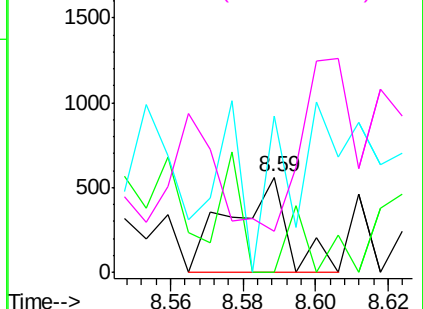
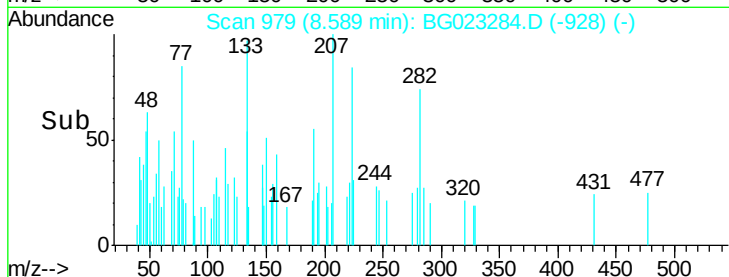


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 0.15 ng

RT: 9.25 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

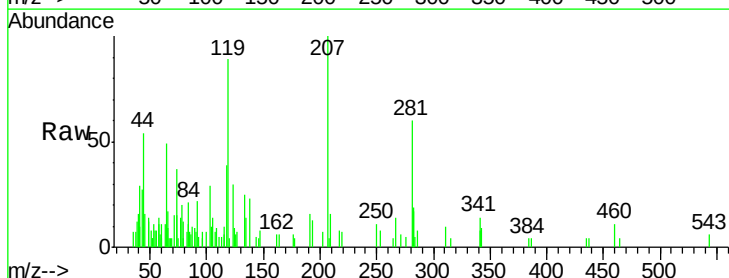
Tgt Ion:117 Resp: 1522

Ion Ratio Lower Upper

117 100

119 230.5 73.7 110.5#

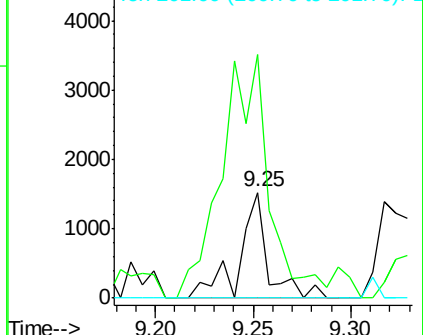
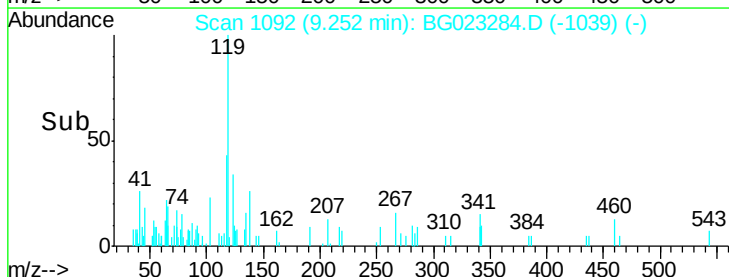
201 0.0 88.7 133.1#

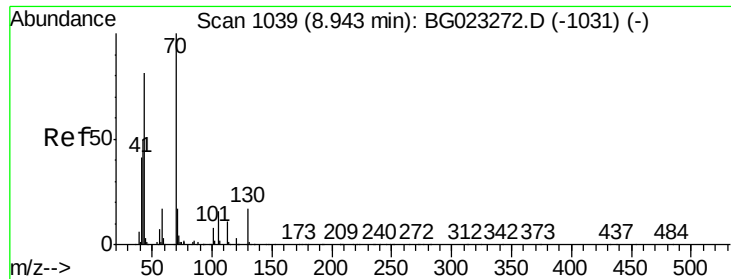


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

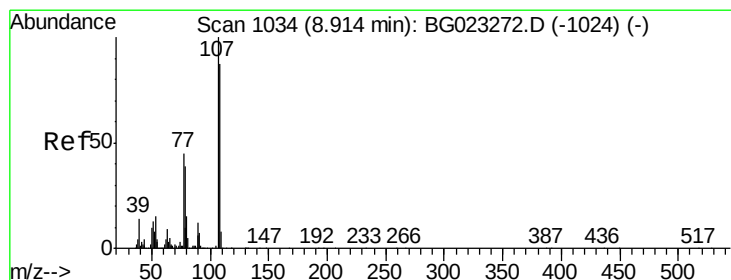
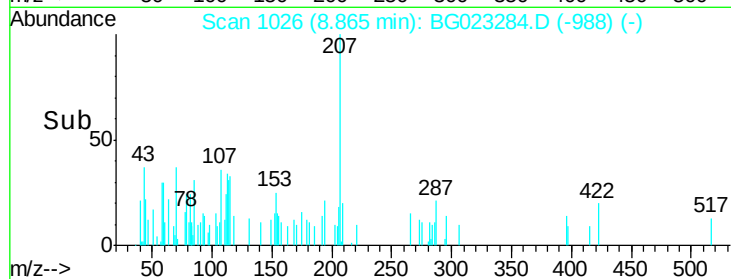
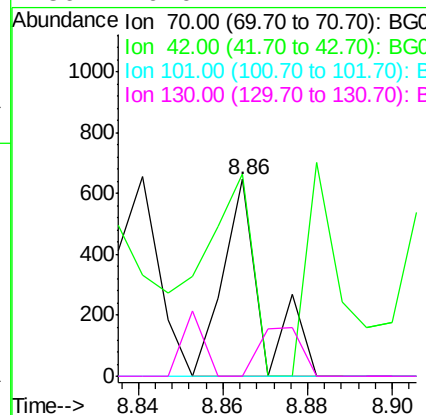
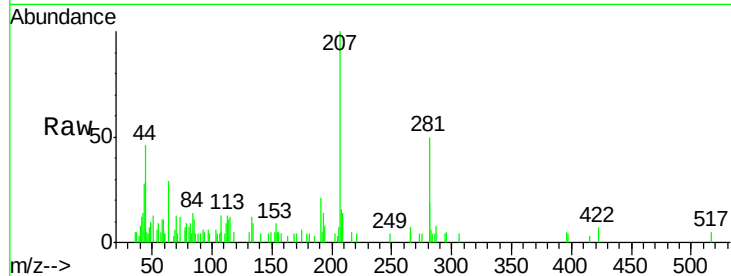




#19
n-Nitroso-di-n-propylamine
Concen: 0.02 ng
RT: 8.86 min Scan# 1026
Delta R.T. -0.07 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

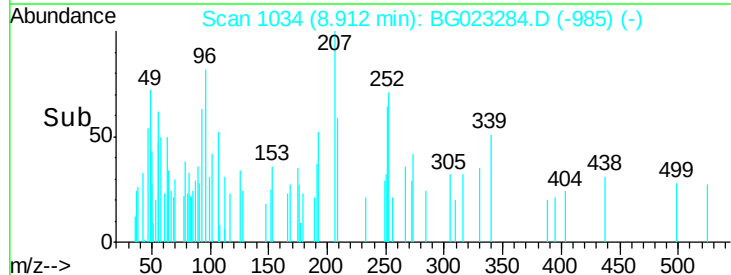
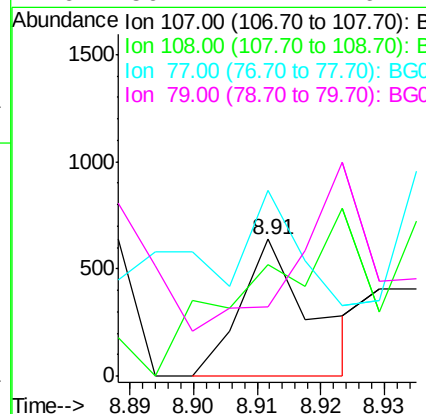
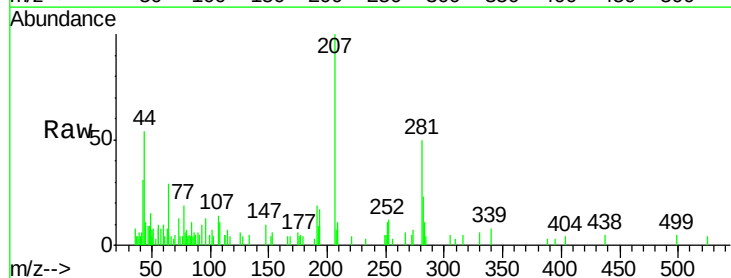
Instrument :
BNA_G
ClientSampleId :
D-32RE

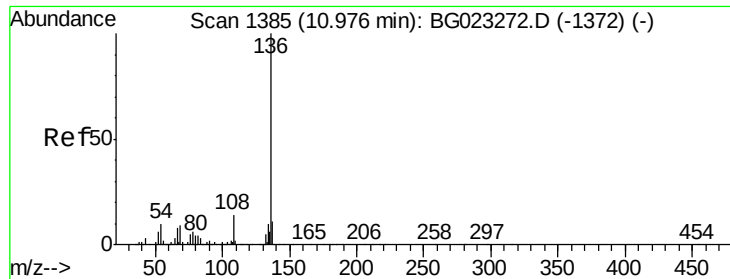
Tgt Ion:	70	Resp:	413
Ion	Ratio	Lower	Upper
70	100		
42	102.9	42.1	63.1#
101	0.0	7.2	10.8#
130	0.0	14.2	21.2#



#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 8.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:	107	Resp:	491
Ion	Ratio	Lower	Upper
107	100		
108	81.3	72.5	112.5
77	136.4	30.1	70.1#
79	50.2	24.2	64.2

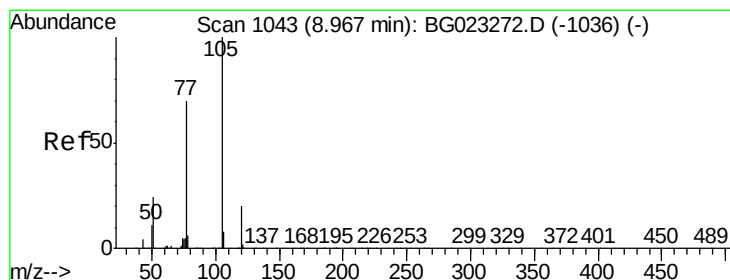
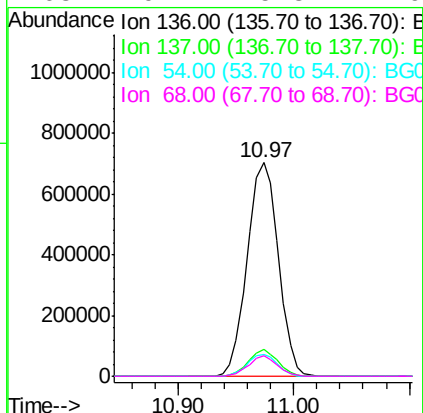
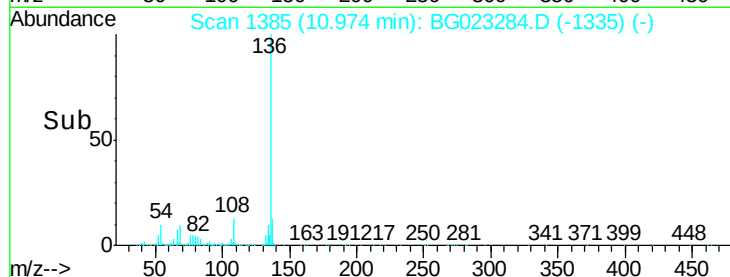
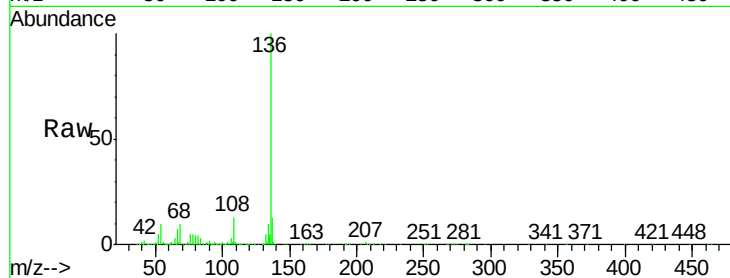




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

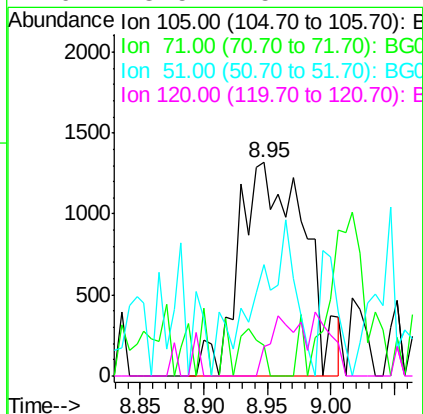
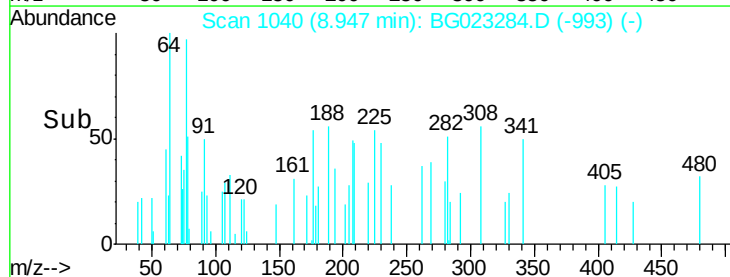
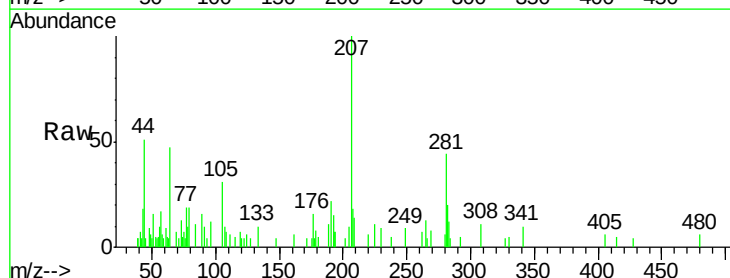
Instrument :
BNA_G
ClientSampleId :
D-32RE

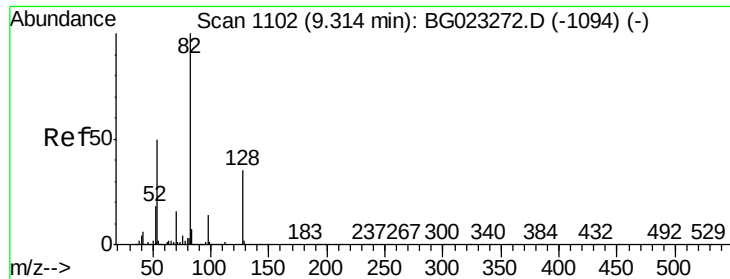
Tgt Ion:	136	Resp:	1320594
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	10.2	7.3	10.9
68	9.7	5.3	7.9#



#22
Acetophenone
Concen: 0.14 ng
RT: 8.95 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:	105	Resp:	4769
Ion	Ratio	Lower	Upper
105	100		
71	14.1	2.6	3.8#
51	51.9	27.1	40.7#
120	13.5	15.1	22.7#

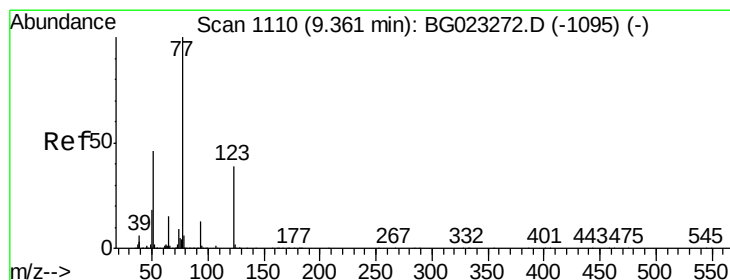
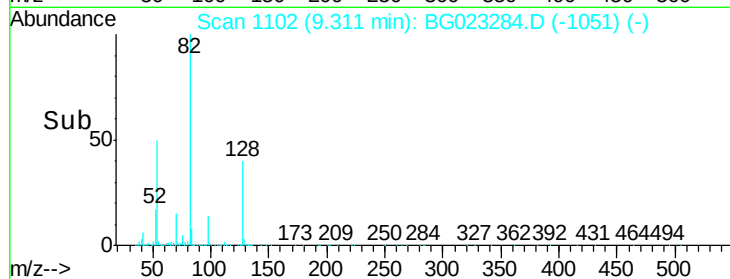
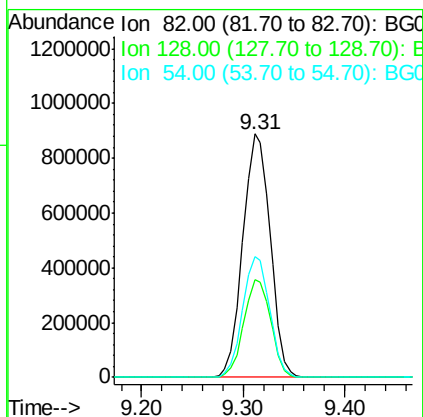
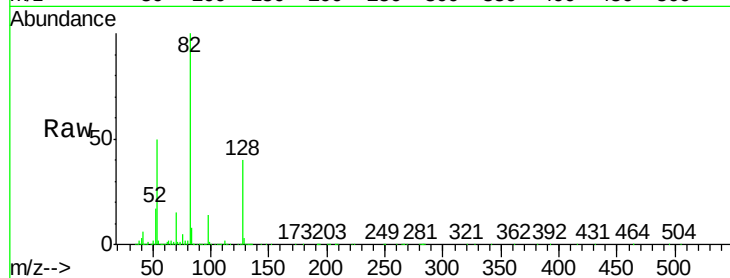




#23
 Nitrobenzene-d5
 Concen: 61.64 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

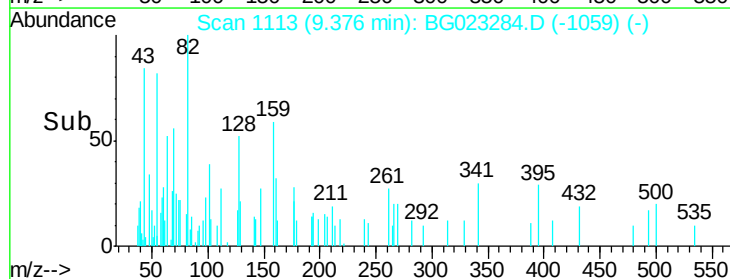
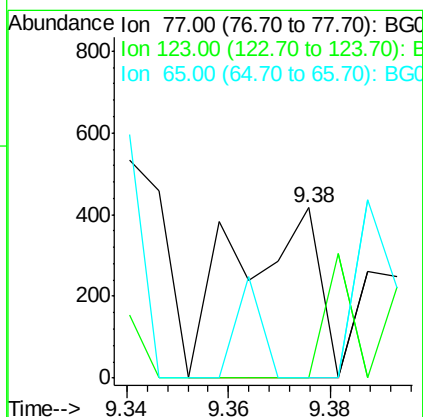
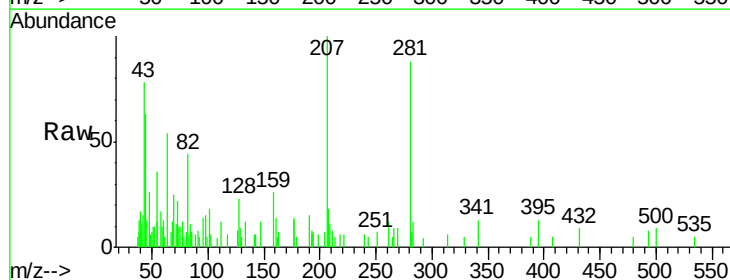
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

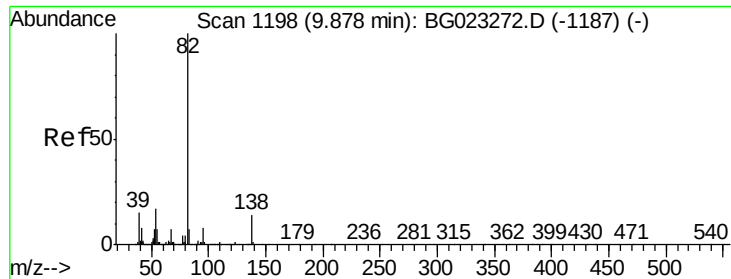
Tgt Ion: 82 Resp: 1664641
 Ion Ratio Lower Upper
 82 100
 128 40.3 24.4 36.6#
 54 49.8 41.4 62.0



#24
 Nitrobenzene
 Concen: 0.01 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion: 77 Resp: 467
 Ion Ratio Lower Upper
 77 100
 123 0.0 25.0 37.6#
 65 0.0 13.4 20.0#





#25

Isophorone

Concen: 0.01 ng

RT: 9.88 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

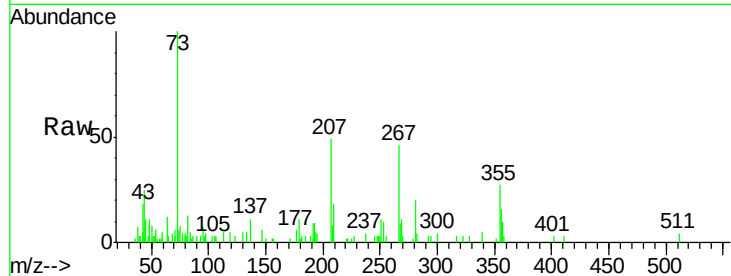
Tgt Ion: 82 Resp: 420

Ion Ratio Lower Upper

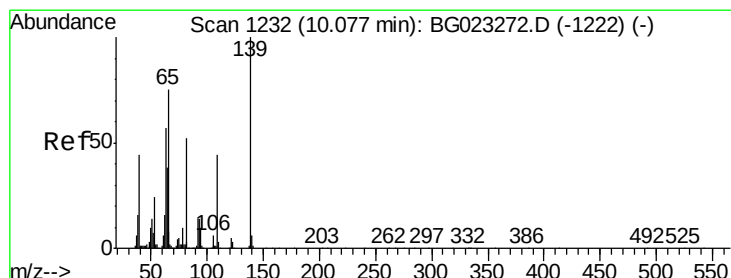
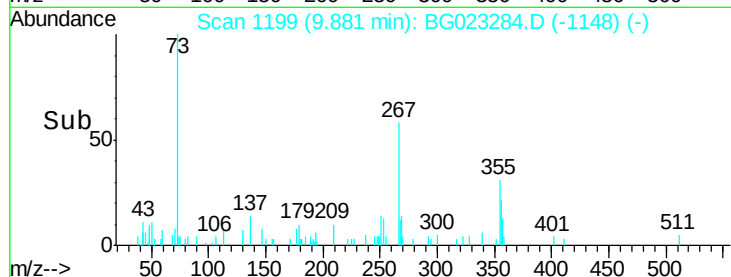
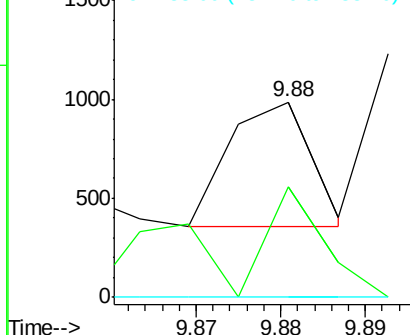
82 100

95 57.0 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: 0.01 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.05 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

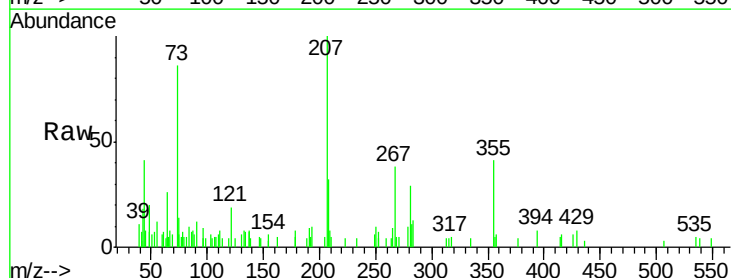
Tgt Ion: 139 Resp: 66

Ion Ratio Lower Upper

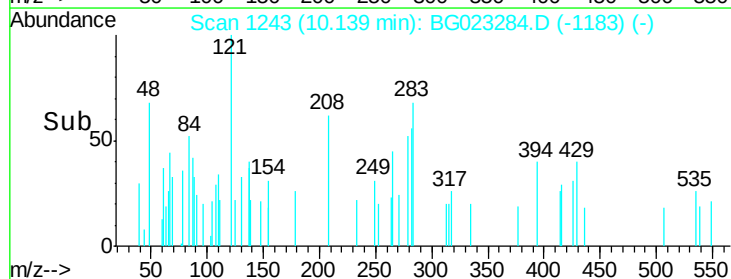
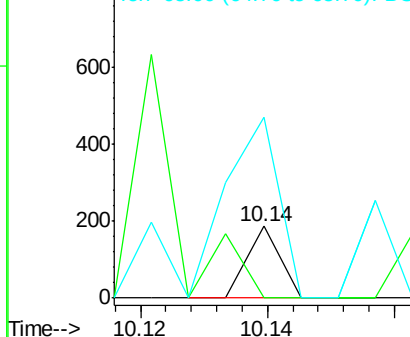
139 100

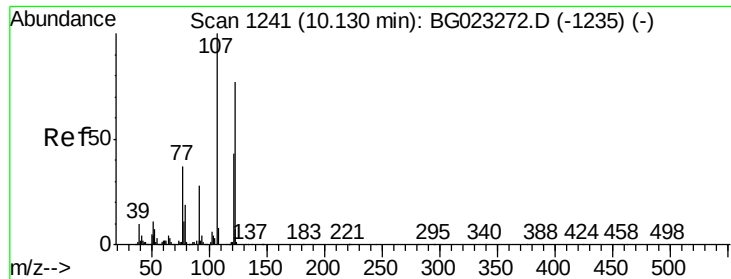
109 0.0 43.5 65.3#

65 251.3 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

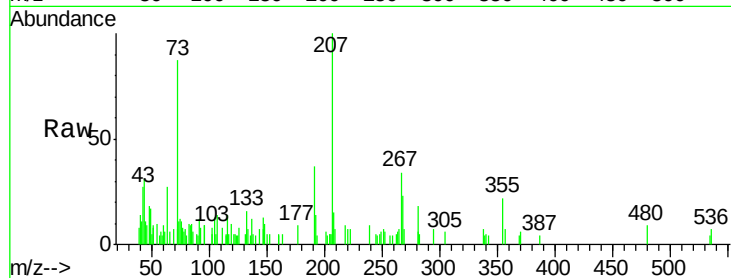




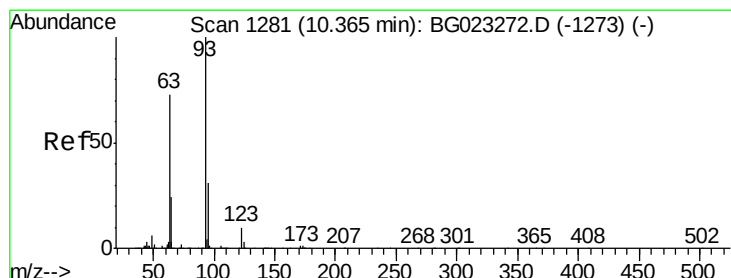
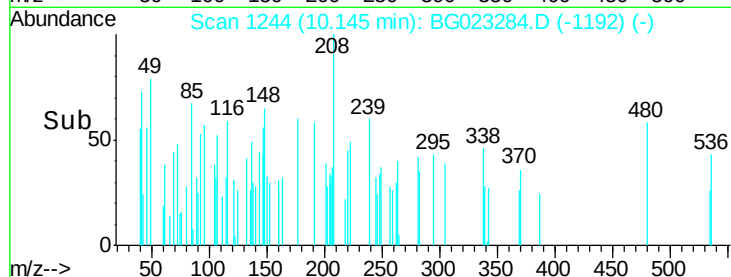
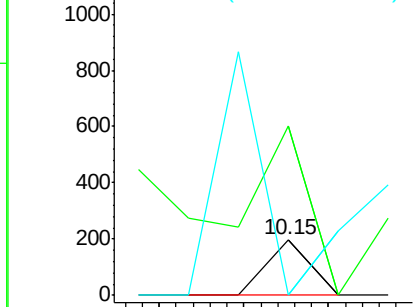
#27
2,4-Dimethylphenol
Concen: 0.00 ng
RT: 10.15 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Instrument :
BNA_G
ClientSampleId :
D-32RE

Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
107 302.5 117.0 175.4#
121 0.0 50.1 75.1#

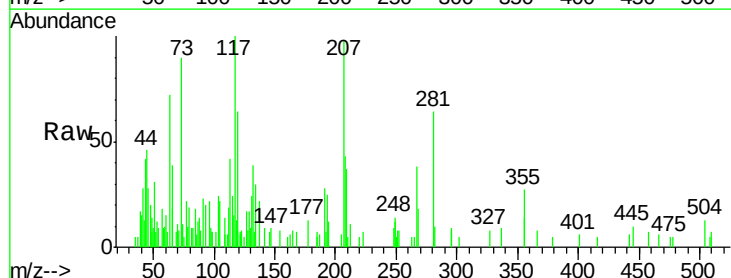


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

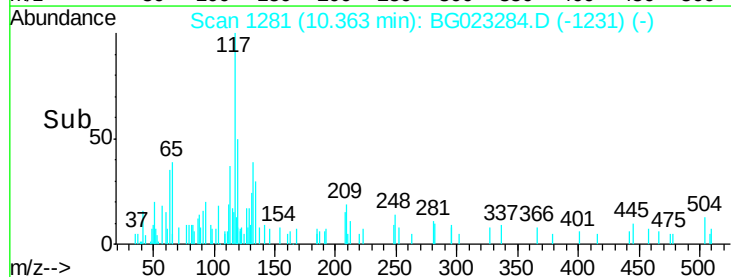
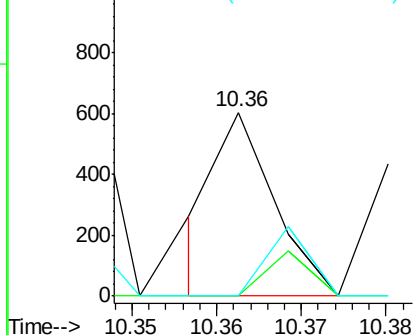


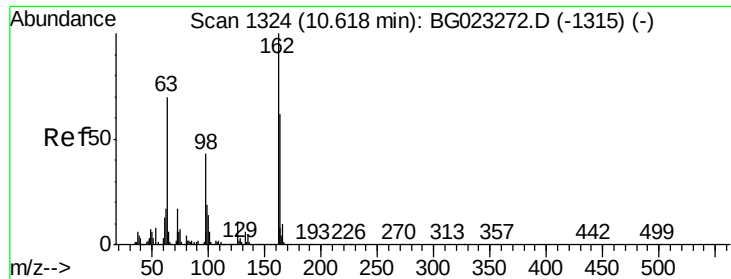
#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 10.36 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion: 93 Resp: 284
Ion Ratio Lower Upper
93 100
95 0.0 25.4 38.2#
123 0.0 8.2 12.2#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

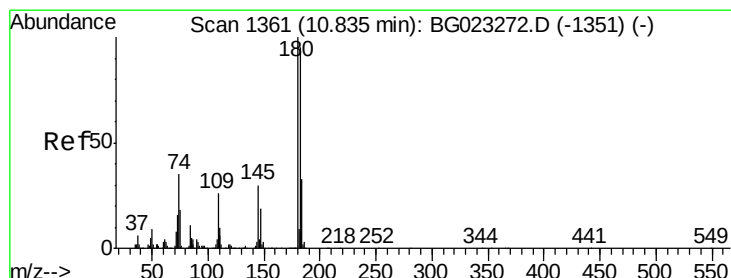
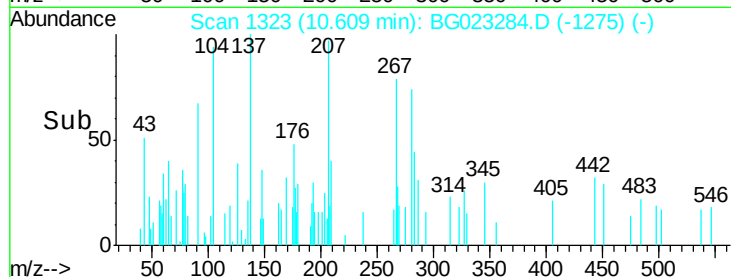
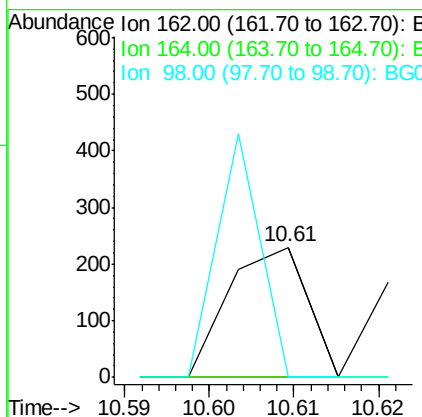
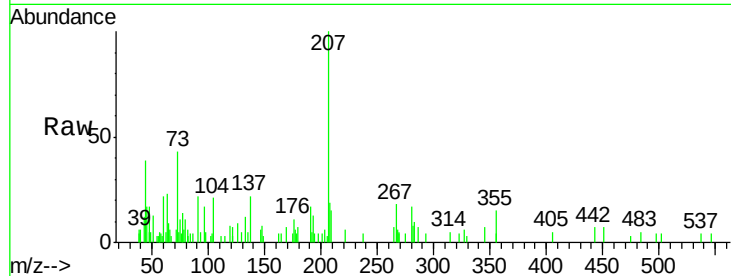




#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 10.61 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

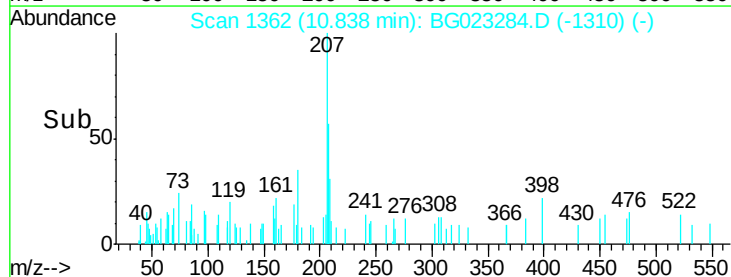
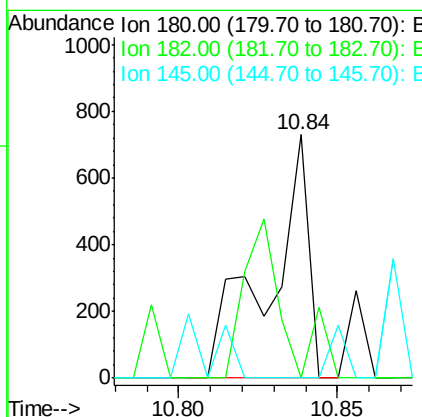
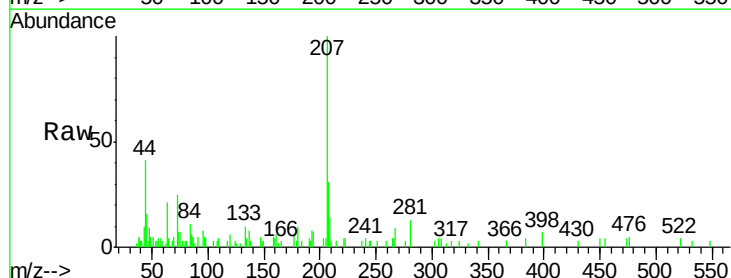
Instrument :
BNA_G
ClientSampleId :
D-32RE

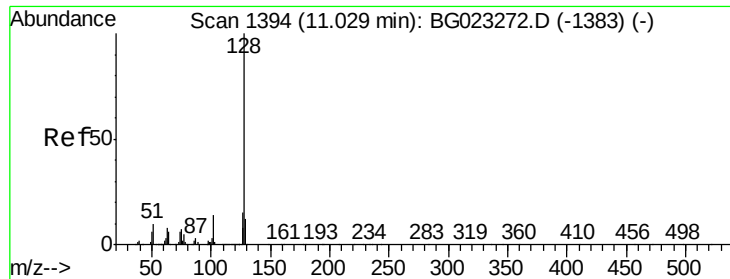
Tgt Ion:162 Resp: 148
Ion Ratio Lower Upper
162 100
164 0.0 44.3 84.3#
98 0.0 19.5 59.5#



#30
1,2,4-Trichlorobenzene
Concen: 0.03 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:180 Resp: 631
Ion Ratio Lower Upper
180 100
182 0.0 73.8 110.8#
145 0.0 24.4 36.6#

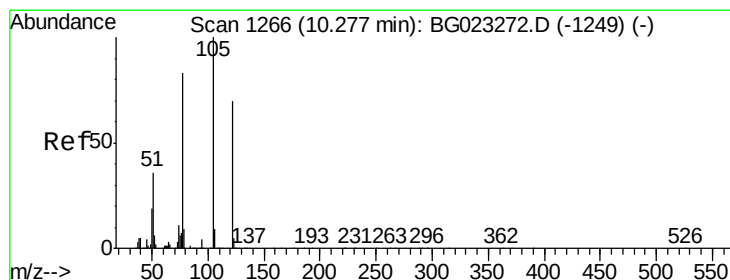
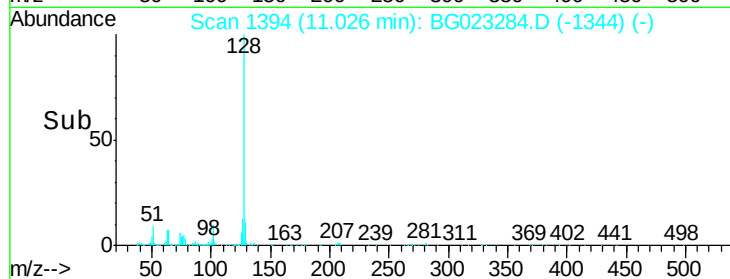
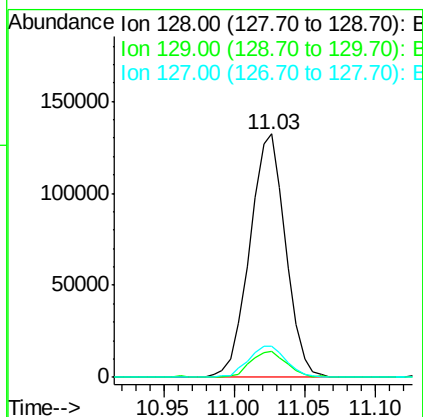
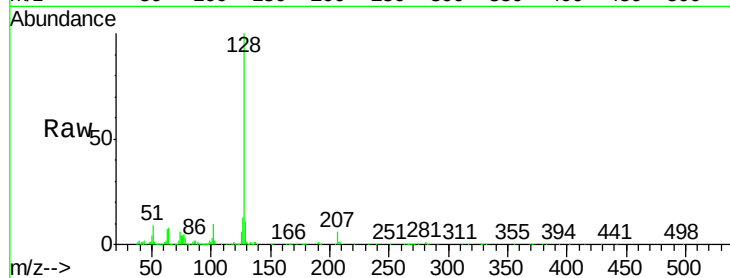




#31
Naphthalene
Concen: 3.84 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

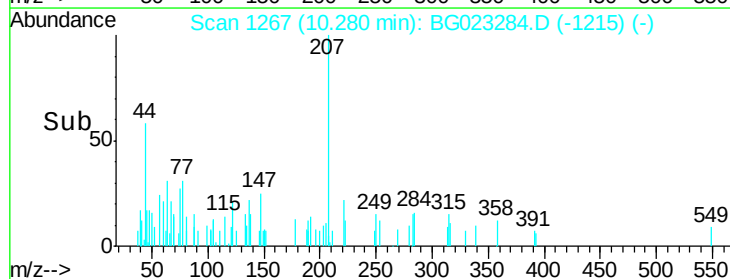
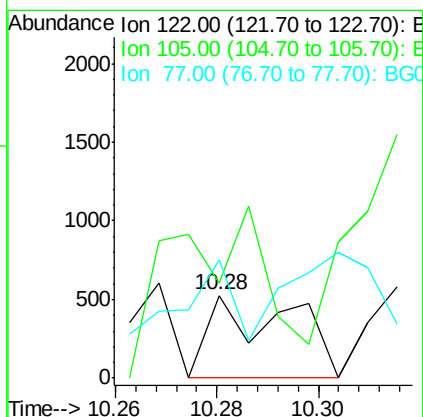
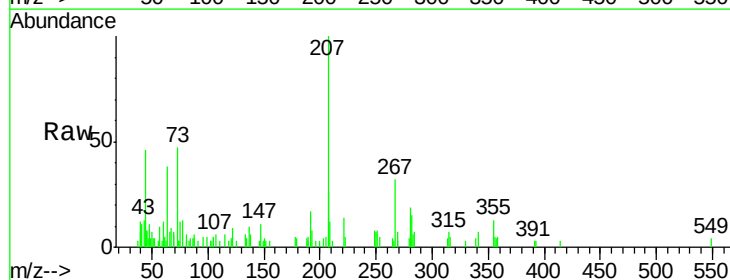
Instrument :
BNA_G
ClientSampleId :
D-32RE

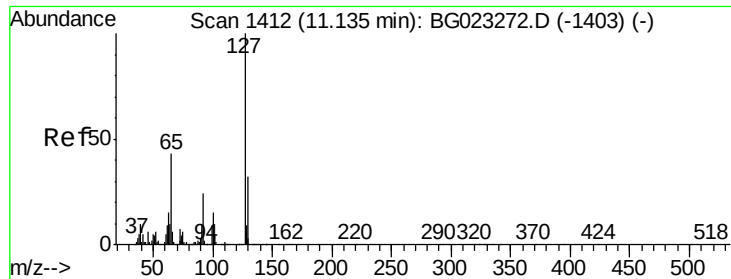
Tgt Ion:128 Resp: 235559
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 12.6 11.3 16.9



#32
Benzoic acid
Concen: 8.14 ng
RT: 10.28 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:122 Resp: 577
Ion Ratio Lower Upper
122 100
105 115.5 117.2 157.2#
77 143.3 109.2 149.2

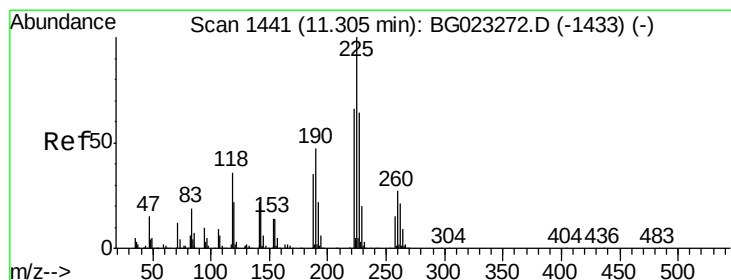
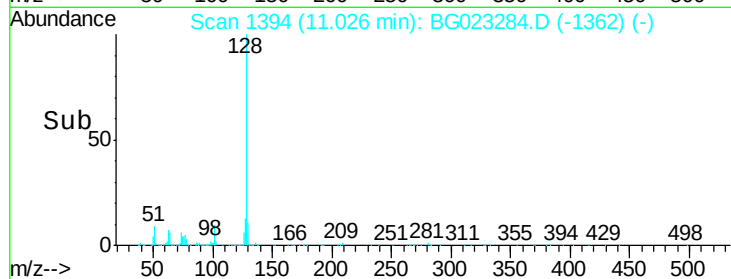
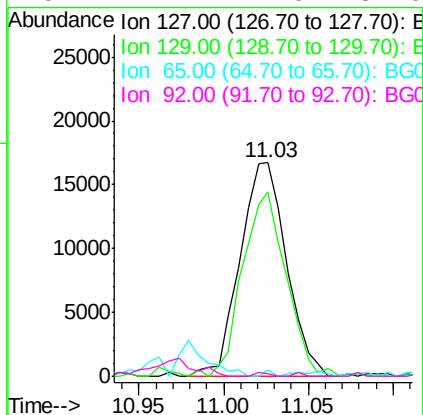
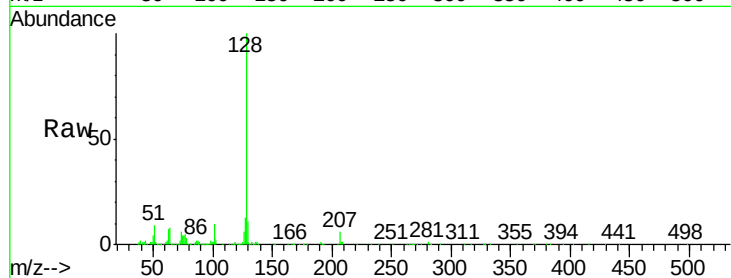




#33
4-Chloroaniline
Concen: 1.12 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.11 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

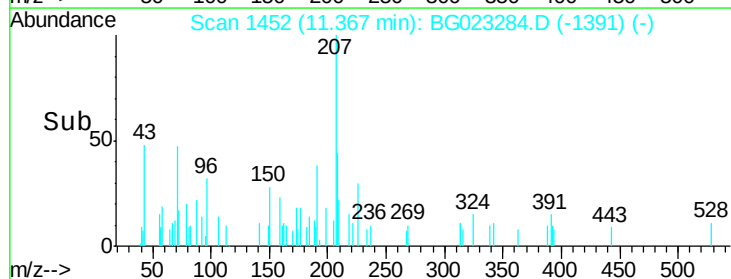
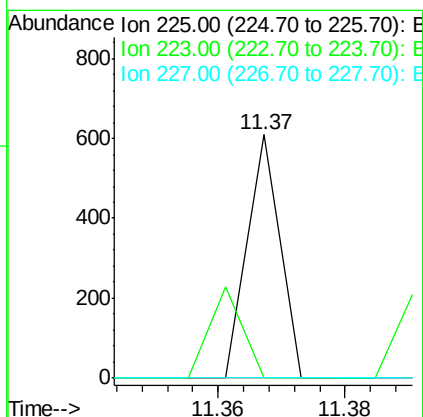
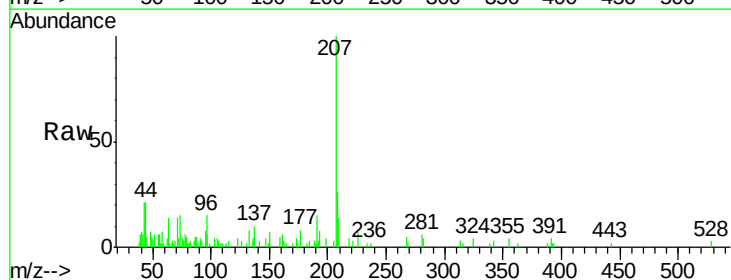
Instrument :
BNA_G
ClientSampleId :
D-32RE

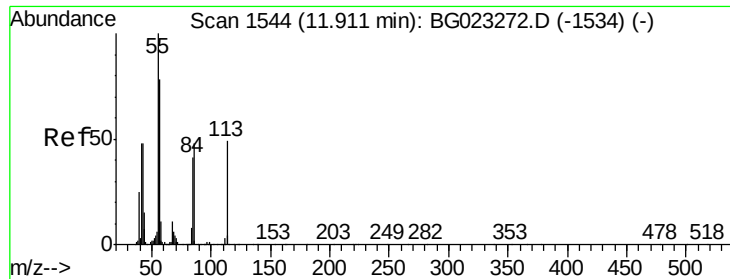
Tgt Ion:	127	Resp:	31763
Ion	Ratio	Lower	Upper
127	100		
129	86.1	27.9	41.9#
65	3.2	36.8	55.2#
92	1.2	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 0.02 ng
RT: 11.37 min Scan# 1452
Delta R.T. 0.06 min
Lab File: BG023284.D
Acq: 27 Jul 2016 15:42

Tgt Ion:	225	Resp:	215
Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.6	74.4#
227	0.0	54.5	81.7#

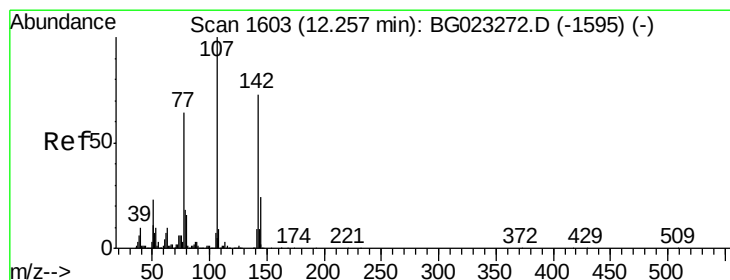
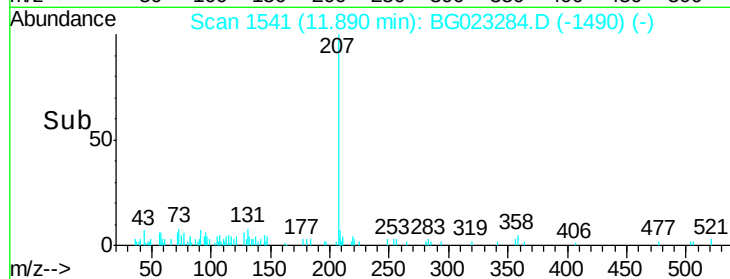
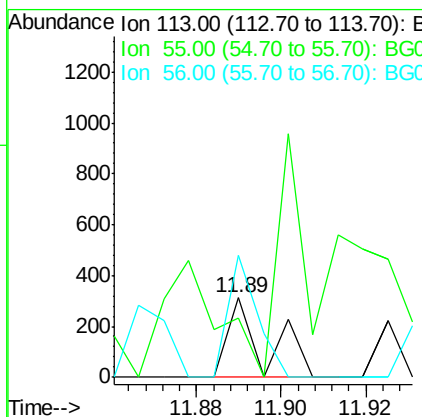
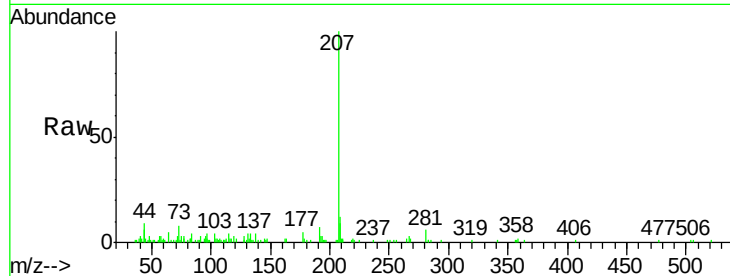




#35
 Caprolactam
 Concen: 0.02 ng
 RT: 11.89 min Scan# 1541
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

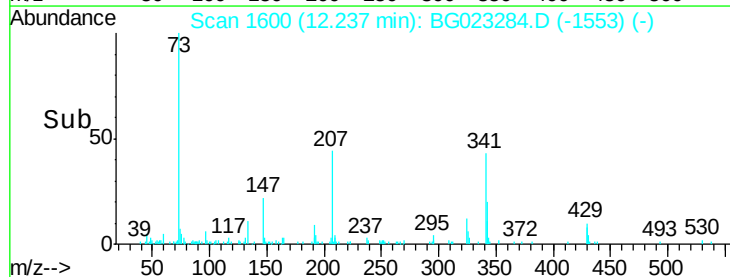
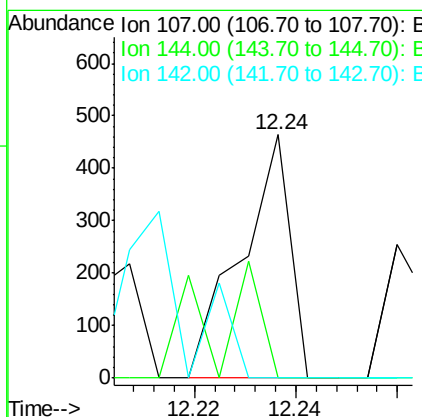
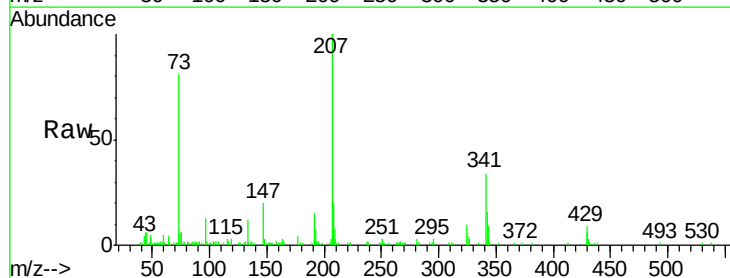
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

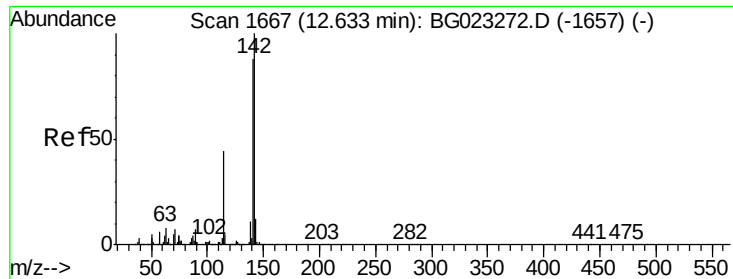
Tgt Ion:113 Resp: 190
 Ion Ratio Lower Upper
 113 100
 55 74.6 154.5 194.5#
 56 154.7 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 0.01 ng
 RT: 12.24 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion:107 Resp: 315
 Ion Ratio Lower Upper
 107 100
 144 0.0 17.0 25.6#
 142 0.0 53.0 79.6#

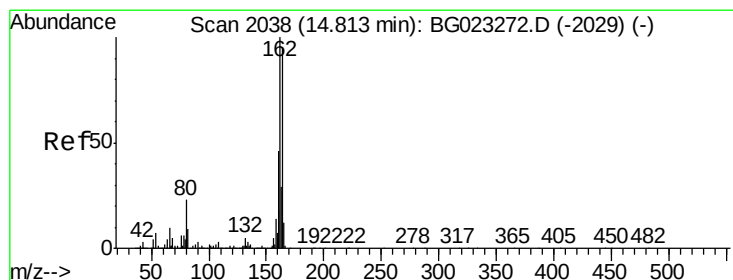
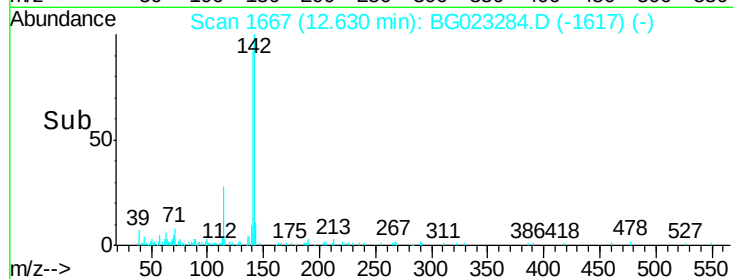
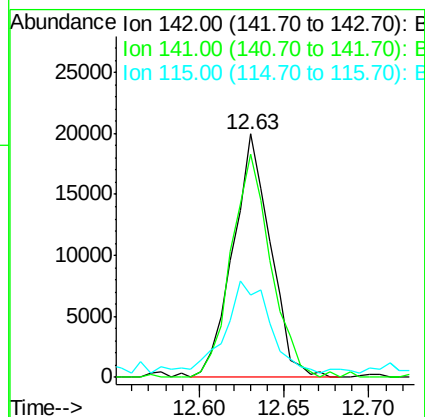
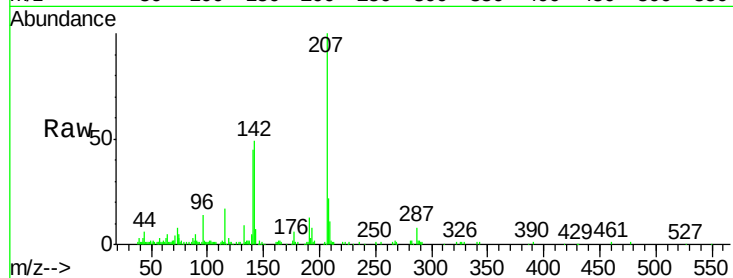




#37
 2-Methylnaphthalene
 Concen: 0.68 ng
 RT: 12.63 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

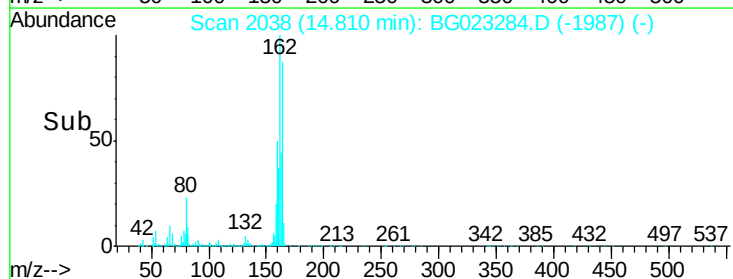
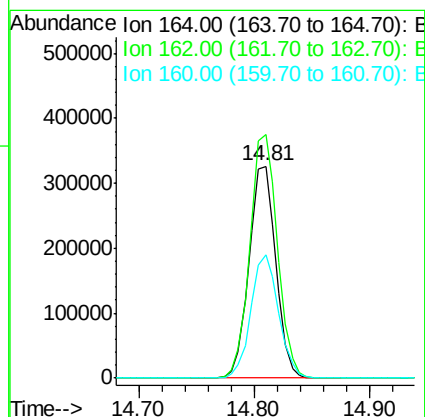
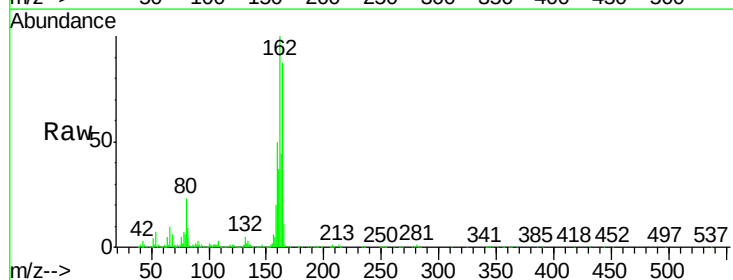
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

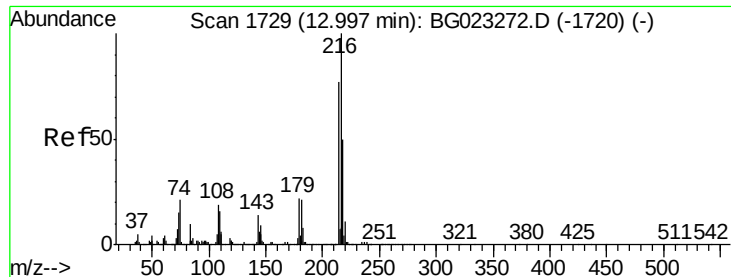
Tgt Ion:142 Resp: 30742
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.2 105.2
 115 33.8 41.7 62.5#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion:164 Resp: 524849
 Ion Ratio Lower Upper
 164 100
 162 114.9 87.7 131.5
 160 57.9 37.2 55.8#

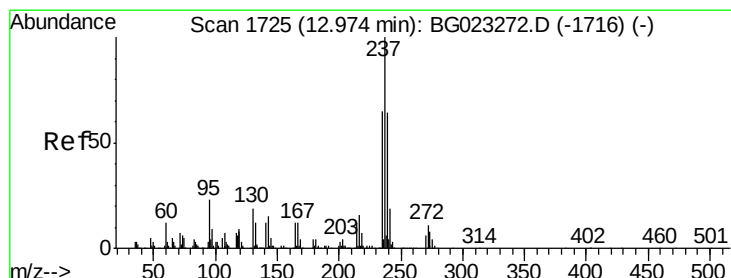
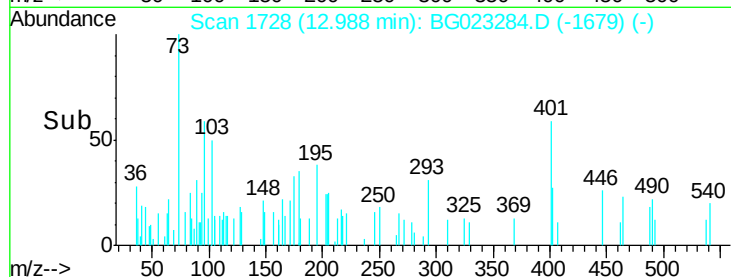
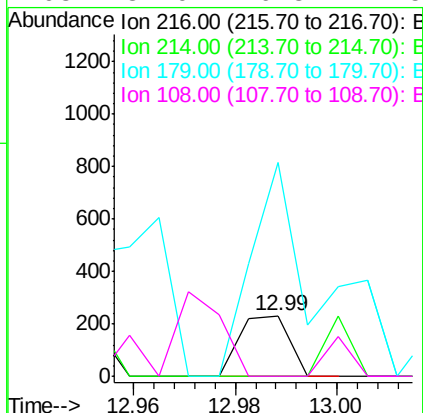
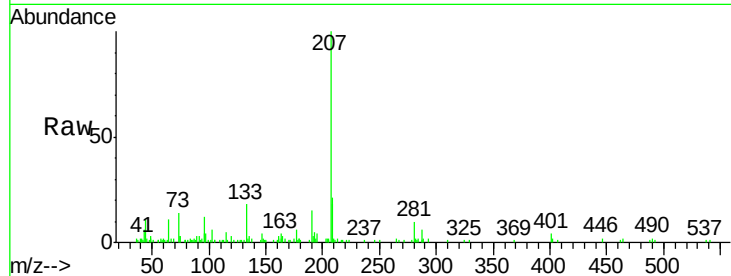




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.01 ng
 RT: 12.99 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

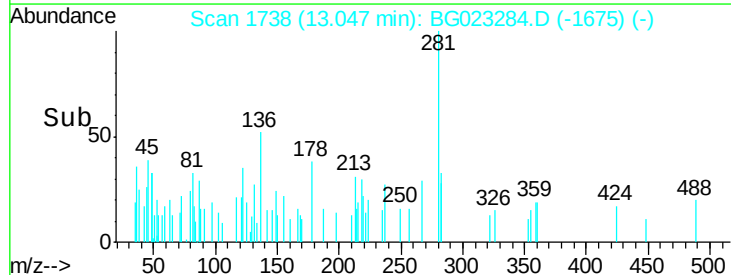
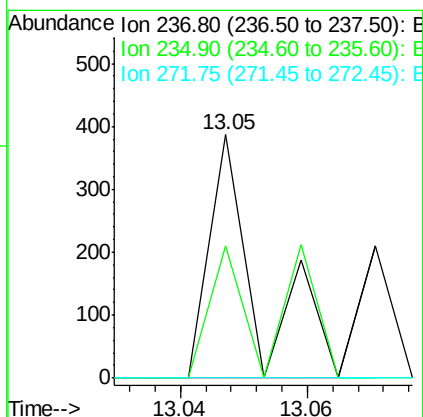
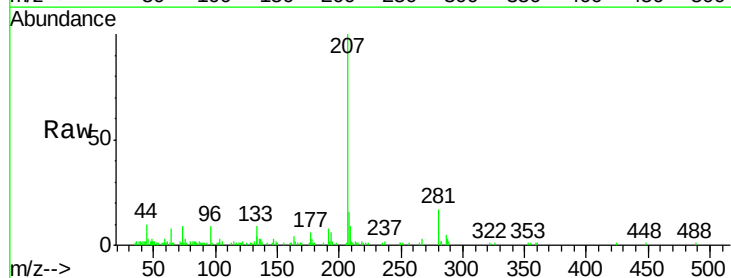
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

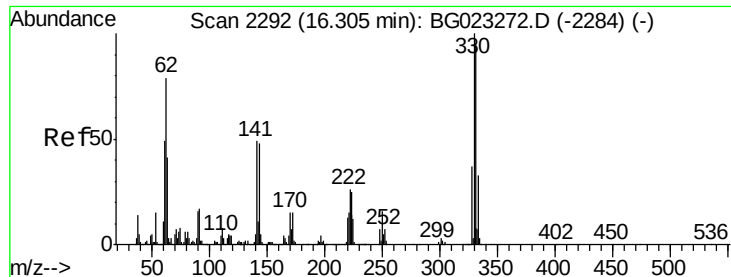
Tgt Ion: 216 Resp: 159
 Ion Ratio Lower Upper
 216 100
 214 51.6 62.9 94.3#
 179 476.7 17.2 25.8#
 108 34.0 16.3 24.5#



#40
 Hexachlorocyclopentadiene
 Concen: 0.03 ng
 RT: 13.05 min Scan# 1738
 Delta R.T. 0.07 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion: 237 Resp: 202
 Ion Ratio Lower Upper
 237 100
 235 54.3 43.1 83.1
 272 0.0 0.0 30.9





#41

2,4,6-Tribromophenol

Concen: 167.68 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

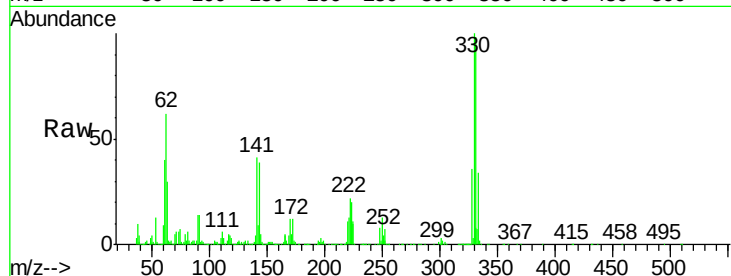
Tgt Ion:330 Resp: 910865

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

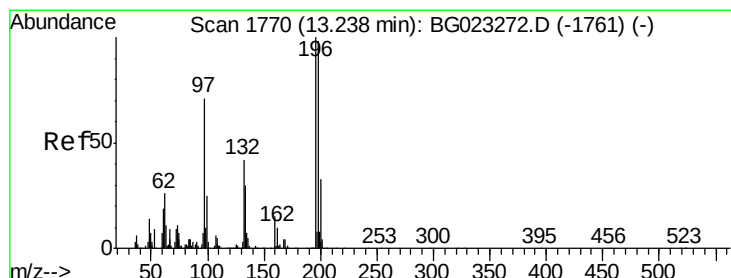
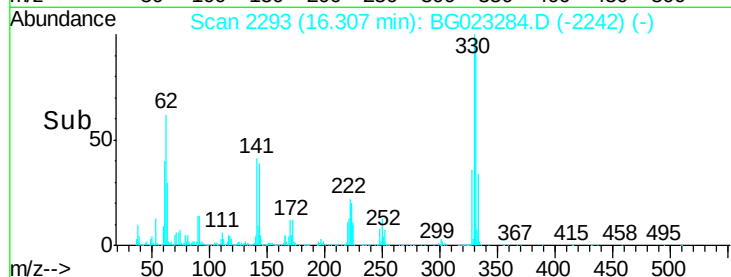
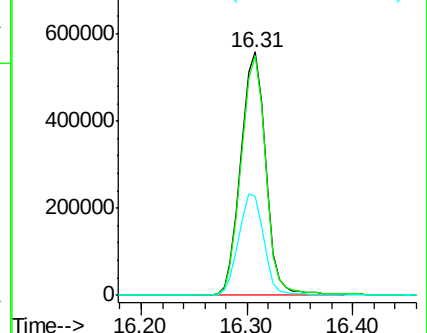
141 42.3 31.7 47.5



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: 0.04 ng

RT: 13.25 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

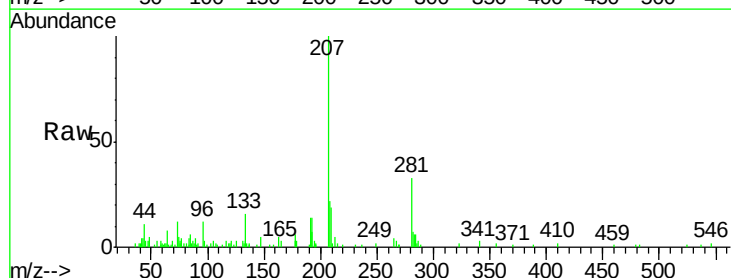
Tgt Ion:196 Resp: 370

Ion Ratio Lower Upper

196 100

198 0.0 78.2 117.2#

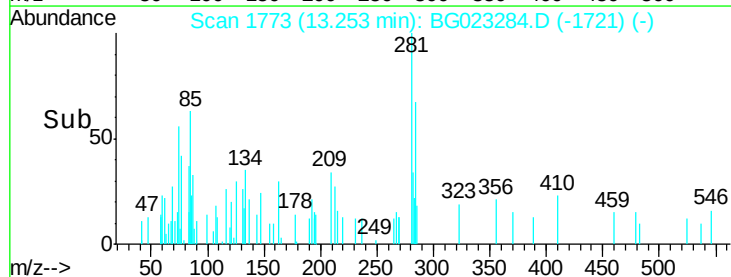
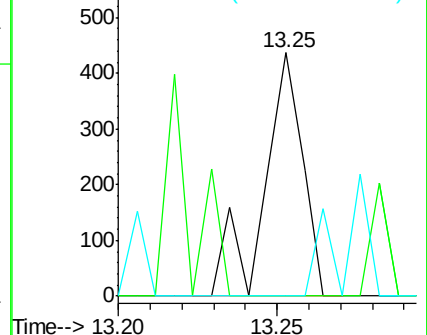
200 0.0 27.0 40.4#

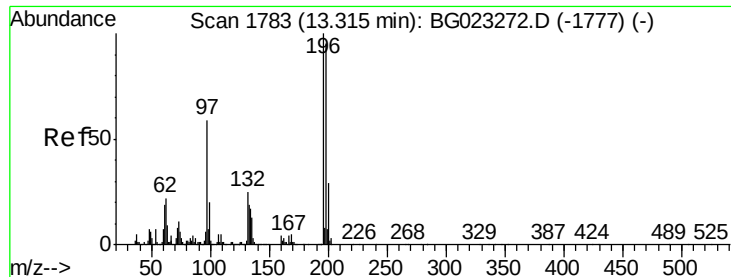


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

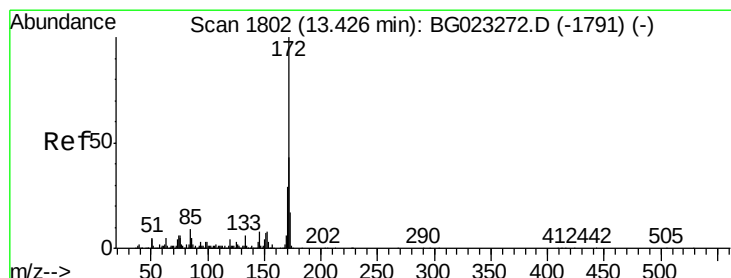
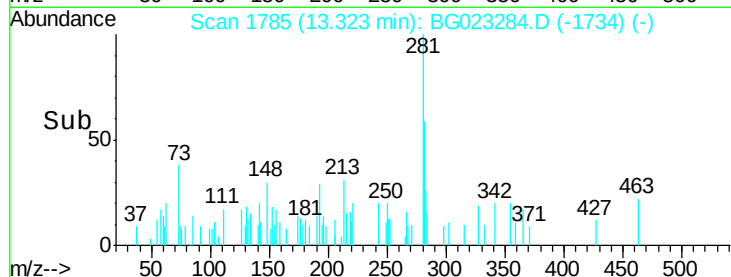
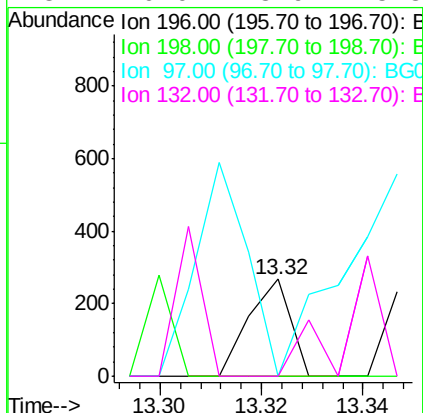
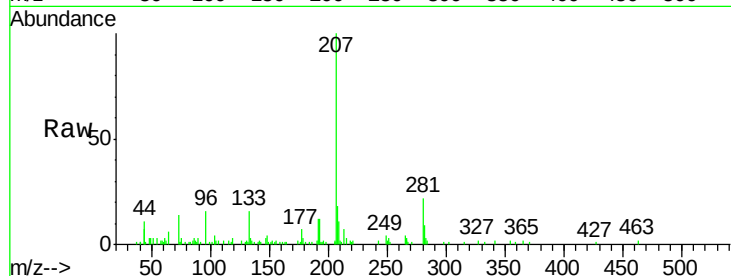




#43
 2,4,5-Trichlorophenol
 Concen: 0.01 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

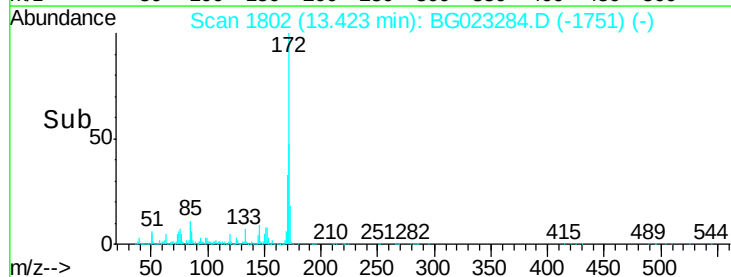
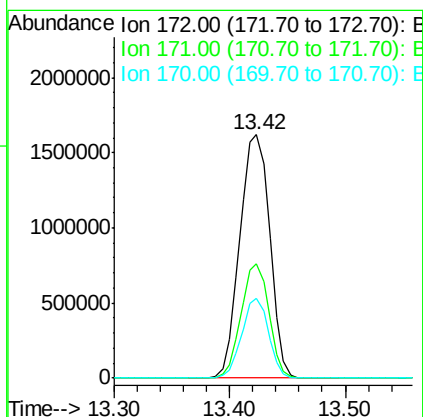
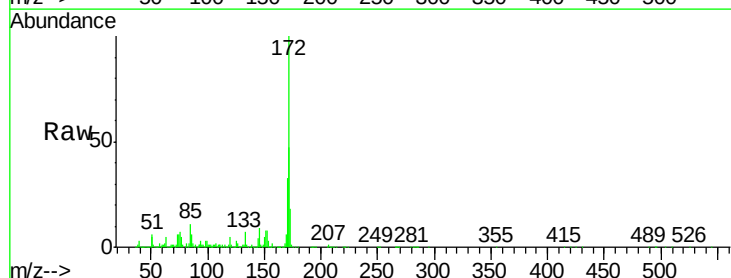
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

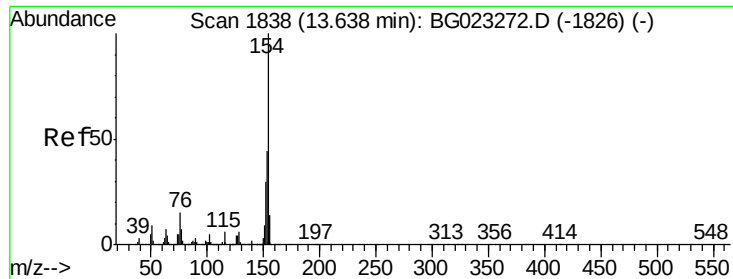
Tgt Ion:196 Resp: 152
 Ion Ratio Lower Upper
 196 100
 198 0.0 85.7 128.5#
 97 0.0 45.5 68.3#
 132 0.0 18.9 28.3#



#44
 2-Fluorobiphenyl
 Concen: 104.12 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion:172 Resp: 2919848
 Ion Ratio Lower Upper
 172 100
 171 47.2 31.6 47.4
 170 32.9 21.3 31.9#

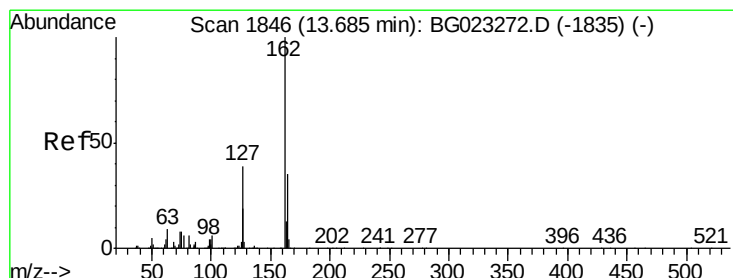
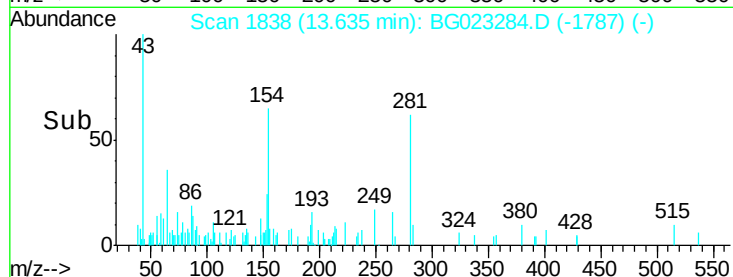
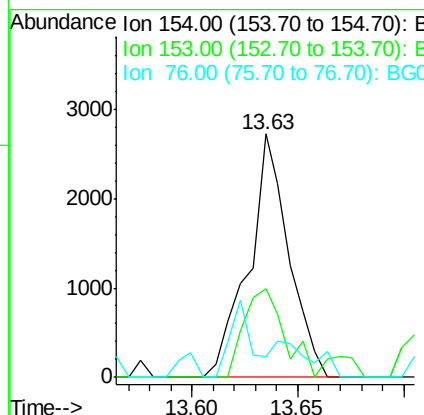
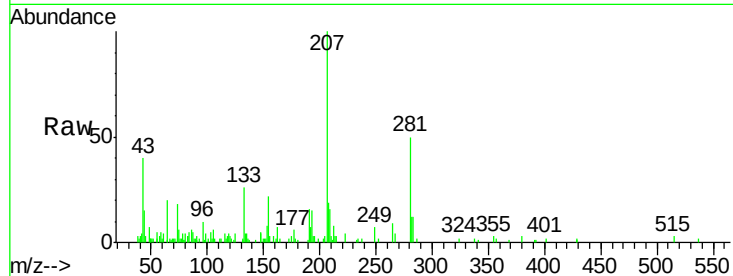




#45
 1,1'-Biphenyl
 Concen: 0.10 ng
 RT: 13.63 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

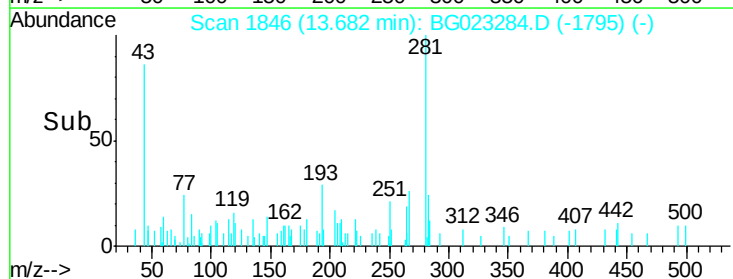
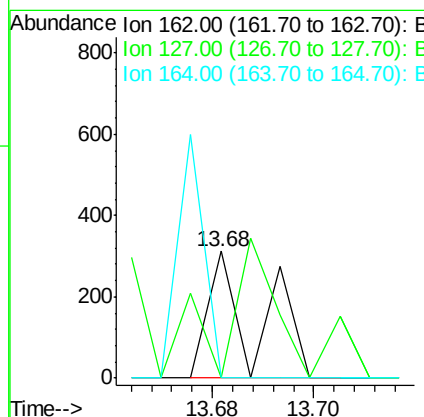
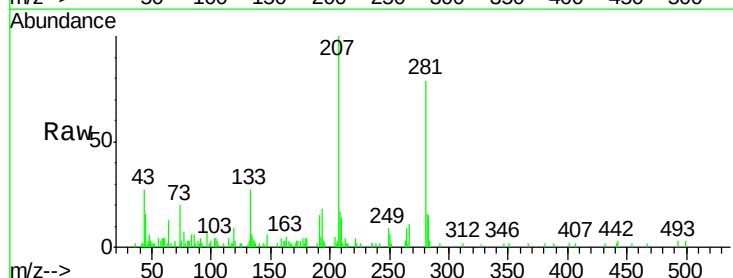
Instrument :
 BNA_G
 ClientSampleId :
 D-32RE

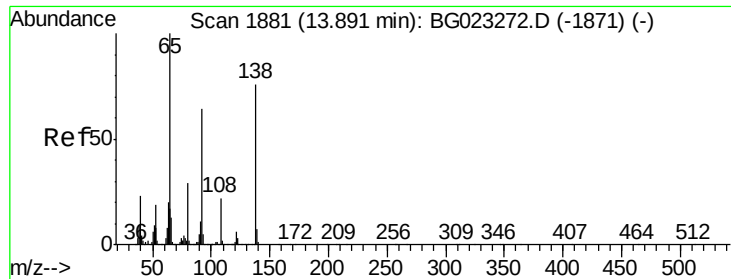
Tgt Ion:154 Resp: 3605
 Ion Ratio Lower Upper
 154 100
 153 36.4 20.2 60.2
 76 8.8 0.0 32.9



#46
 2-Chloronaphthalene
 Concen: 0.01 ng
 RT: 13.68 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG023284.D
 Acq: 27 Jul 2016 15:42

Tgt Ion:162 Resp: 207
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.4 48.6#
 164 0.0 25.2 37.8#





#47

2-Nitroaniline

Concen: 0.04 ng

RT: 13.88 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

Instrument :

BNA_G

ClientSampleId :

D-32RE

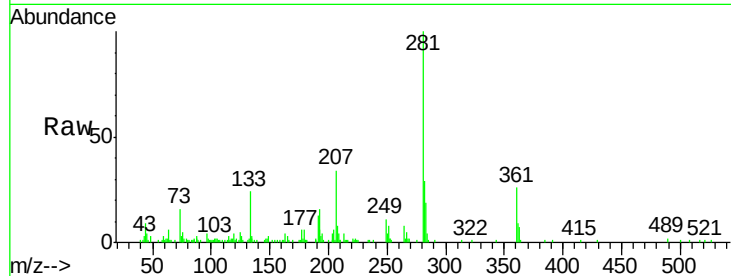
Tgt Ion: 65 Resp: 439

Ion Ratio Lower Upper

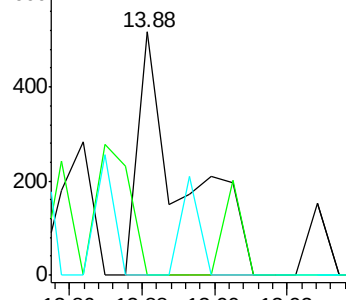
65 100

92 0.0 49.4 74.0#

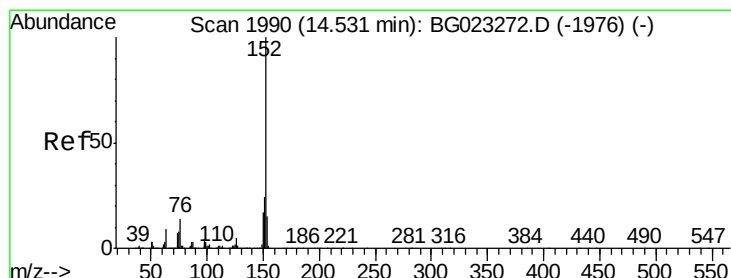
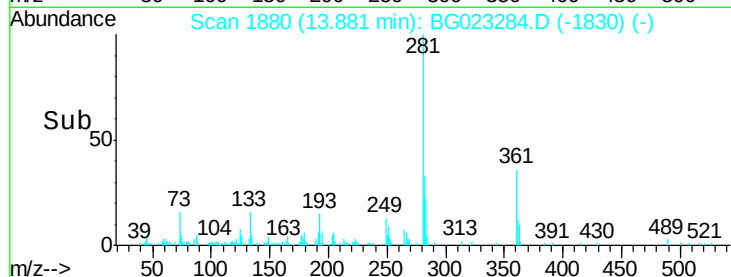
138 0.0 58.0 87.0#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time--> 13.86 13.88 13.90 13.92



#48

Acenaphthylene

Concen: 0.01 ng

RT: 14.53 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG023284.D

Acq: 27 Jul 2016 15:42

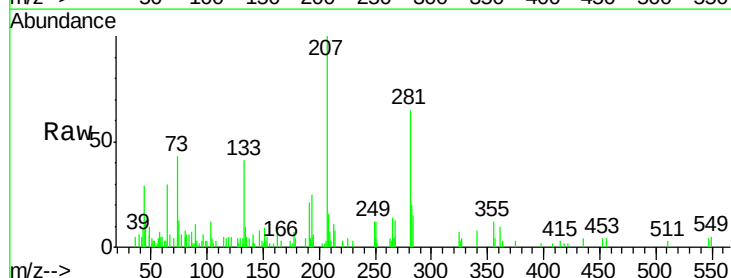
Tgt Ion: 152 Resp: 249

Ion Ratio Lower Upper

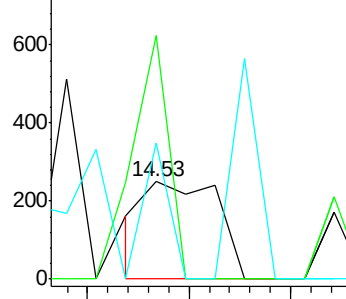
152 100

151 250.6 17.6 26.4#

153 139.8 11.4 17.2#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC



Time--> 14.52 14.53 14.54 14.56

