

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016627.D
 Acq On : 22 Apr 2015 19:40
 Operator : TP/IZ
 Sample : G1945-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-53MSD

Quant Time: Apr 23 02:23:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	45953	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	222564	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	147306	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	334568	20.00	ng	0.00
75) Chrysene-d12	21.21	240	291498	20.00	ng	0.00
86) Perylene-d12	23.42	264	275968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	195971	68.35	ng	0.01
7) Phenol-d6	6.83	99	188385	47.03	ng	0.00
23) Nitrobenzene-d5	8.80	82	318585	88.14	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	150648	150.58	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	763239	85.81	ng	0.00
78) Terphenyl-d14	19.66	244	907083	74.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	19957	15.48	ng	94
3) Pyridine	3.50	79	47274	13.25	ng	99
4) n-Nitrosodimethylamine	3.42	42	19095	17.88	ng	# 96
6) Aniline	6.96	93	59685	10.79	ng	98
8) 2-Chlorophenol	7.21	128	130184	38.03	ng	98
9) Benzaldehyde	6.78	77	19446	10.67	ng	95
10) Phenol	6.86	94	68864	16.25	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	138142	41.64	ng	100
12) 1,3-Dichlorobenzene	7.52	146	129118	36.13	ng	98
13) 1,4-Dichlorobenzene	7.67	146	132923	36.54	ng	98
14) 1,2-Dichlorobenzene	7.99	146	129616	37.45	ng	98
15) Benzyl Alcohol	7.88	79	76664	30.08	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	137975	42.95	ng	98
17) 2-Methylphenol	8.10	107	99639	34.89	ng	99
18) Hexachloroethane	8.70	117	45336	34.71	ng	96
19) n-Nitroso-di-n-propylamine	8.44	70	108128	41.75	ng	99
20) 3+4-Methylphenols	8.43	107	124891	31.76	ng	99
22) Acetophenone	8.46	105	211669	42.70	ng	# 99
24) Nitrobenzene	8.84	77	156726	41.66	ng	99
25) Isophorone	9.36	82	317447	42.90	ng	99
26) 2-Nitrophenol	9.54	139	88746	42.73	ng	96
27) 2,4-Dimethylphenol	9.61	122	155404	44.00	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	188914	42.57	ng	97
29) 2,4-Dichlorophenol	10.08	162	136982	46.91	ng	97
30) 1,2,4-Trichlorobenzene	10.28	180	121672	39.19	ng	97
31) Naphthalene	10.47	128	468652	40.34	ng	100
32) Benzoic acid	9.75	122	23250	25.39	ng	96
33) 4-Chloroaniline	10.60	127	52262	9.84	ng	97
34) Hexachlorobutadiene	10.75	225	48099	34.86	ng	98
35) Caprolactam	11.40	113	13043	7.71	ng	96
36) 4-Chloro-3-methylphenol	11.73	107	162122	45.97	ng	99
37) 2-Methylnaphthalene	12.09	142	366525	44.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	130820	38.61	ng	99
40) Hexachlorocyclopentadiene	12.44	237	70868	57.29	ng	99

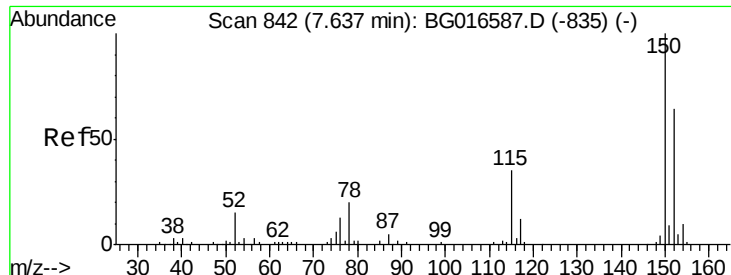
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016627.D
 Acq On : 22 Apr 2015 19:40
 Operator : TP/IZ
 Sample : G1945-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-53MSD

Quant Time: Apr 23 02:23:21 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 01:45:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	106022	44.18	ng	99
43) 2,4,5-Trichlorophenol	12.79	196	118254	46.22	ng	96
45) 1,1'-Biphenyl	13.11	154	468291	41.28	ng	99
46) 2-Chloronaphthalene	13.15	162	355756	40.95	ng	99
47) 2-Nitroaniline	13.37	65	115881	45.73	ng	92
48) Acenaphthylene	14.00	152	642963	41.68	ng	99
49) Dimethylphthalate	13.75	163	496957	45.62	ng	99
50) 2,6-Dinitrotoluene	13.87	165	121439	45.39	ng	99
51) Acenaphthene	14.34	154	391407	42.53	ng	99
52) 3-Nitroaniline	14.20	138	30917	9.36	ng	95
53) 2,4-Dinitrophenol	14.41	184	109728	87.55	ng	96
54) Dibenzofuran	14.68	168	580413	44.80	ng	100
55) 4-Nitrophenol	14.54	139	88262	35.30	ng	98
56) 2,4-Dinitrotoluene	14.66	165	174832	47.50	ng	98
57) Fluorene	15.33	166	510572	44.72	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	92919	48.13	ng	91
59) Diethylphthalate	15.11	149	526229	45.35	ng	99
60) 4-Chlorophenyl-phenylether	15.32	204	205761	43.89	ng	98
61) 4-Nitroaniline	15.37	138	146545	38.71	ng	98
62) Azobenzene	15.62	77	519225	48.21	ng	99
64) 4,6-Dinitro-2-methylphenol	15.42	198	89108	39.49	ng	97
65) n-Nitrosodiphenylamine	15.55	169	468732	41.79	ng	100
66) 4-Bromophenyl-phenylether	16.22	248	115767	43.96	ng	98
67) Hexachlorobenzene	16.34	284	116921	42.50	ng	95
68) Atrazine	16.50	200	152187	48.53	ng	99
69) Pentachlorophenol	16.69	266	125125	87.22	ng	98
70) Phenanthrene	17.06	178	813630	42.72	ng	100
71) Anthracene	17.16	178	818356	43.24	ng	99
72) Carbazole	17.43	167	859423	44.51	ng	99
73) Di-n-butylphthalate	17.99	149	1004059	42.72	ng	99
74) Fluoranthene	19.09	202	868844	42.35	ng	99
76) Benzidine	19.28	184	359988	33.40	ng	99
77) Pyrene	19.45	202	895640	45.75	ng	99
79) Butylbenzylphthalate	20.35	149	472056	46.06	ng	100
80) Benzo(a)anthracene	21.19	228	765882	43.57	ng	100
81) 3,3'-Dichlorobenzidine	21.13	252	87594	15.05	ng	# 94
82) Chrysene	21.24	228	725367	42.98	ng	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	639458	45.45	ng	99
84) Di-n-octyl phthalate	21.98	149	1068665	45.74	ng	99
85) Indeno(1,2,3-cd)pyrene	25.68	276	803121	43.36	ng	99
87) Benzo(b)fluoranthene	22.76	252	752150	45.68	ng	99
88) Benzo(k)fluoranthene	22.80	252	681440	42.19	ng	99
89) Benzo(a)pyrene	23.33	252	706780	45.21	ng	98
90) Dibenzo(a,h)anthracene	25.70	278	663916	43.70	ng	99
91) Benzo(g,h,i)perylene	26.38	276	680090	44.37	ng	98

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

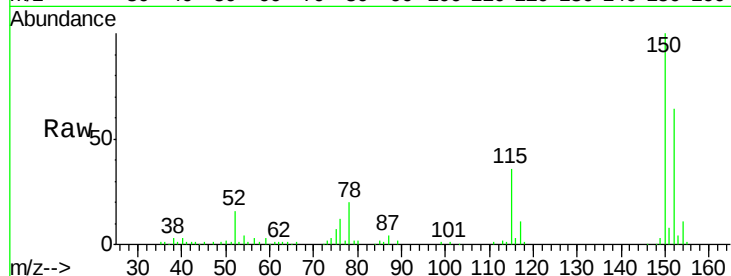


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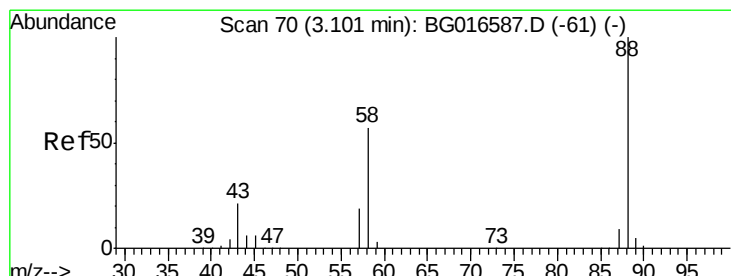
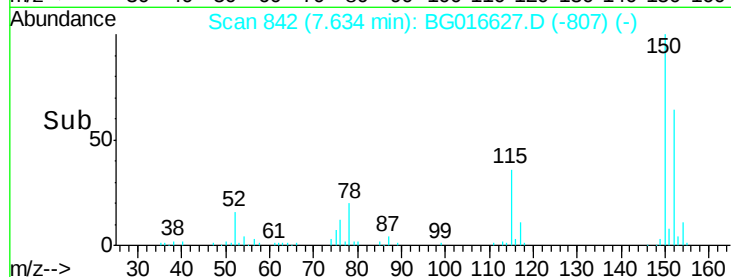
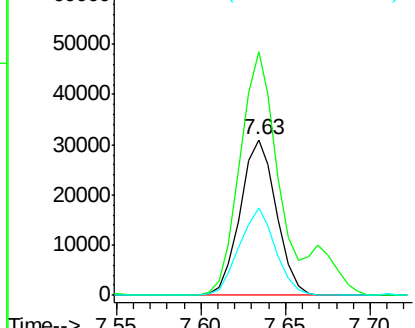
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Instrument :
BNA_G
ClientSampleId :
MW-53MSD

Tgt Ion:152 Resp: 45953
Ion Ratio Lower Upper
152 100
150 156.7 125.5 188.3
115 56.2 44.5 66.7



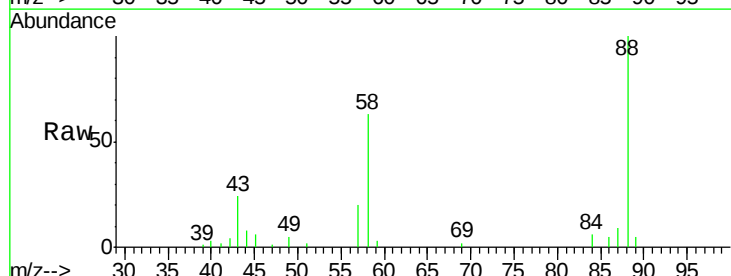
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



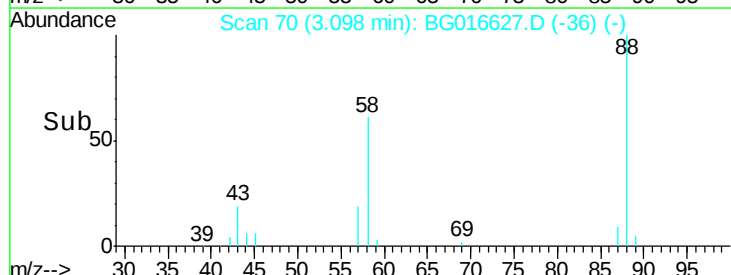
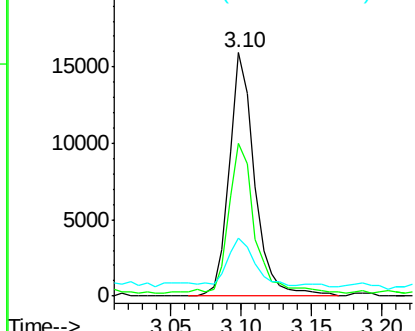
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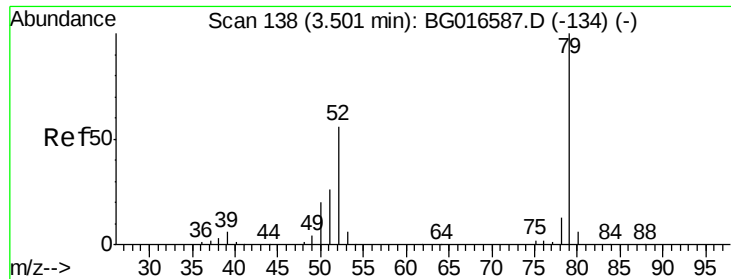
1,4-Dioxane
Concen: 15.48 ng
RT: 3.10 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion: 88 Resp: 19957
Ion Ratio Lower Upper
88 100
58 62.8 46.0 69.0
43 20.8 16.2 24.4



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: 13.25 ng

RT: 3.50 min Scan# 138

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

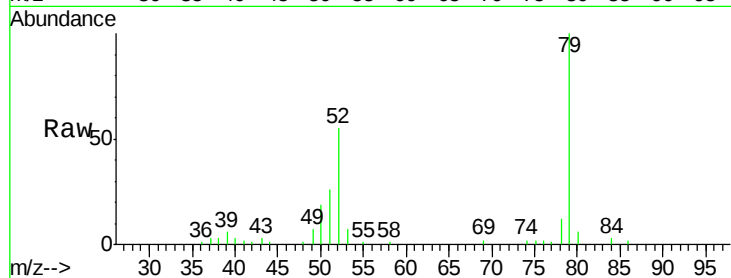
Tgt Ion: 79 Resp: 47274

Ion Ratio Lower Upper

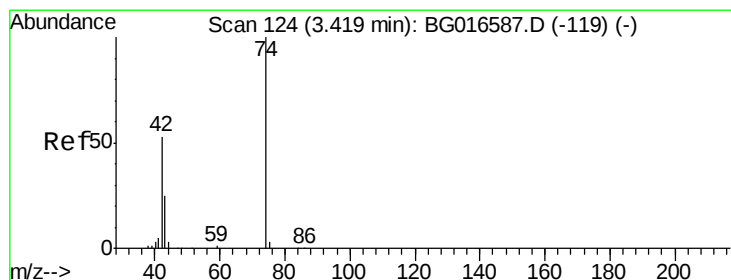
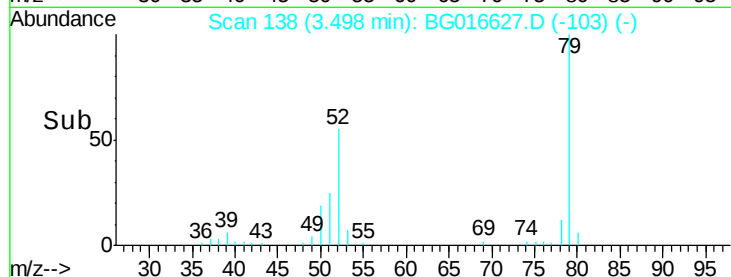
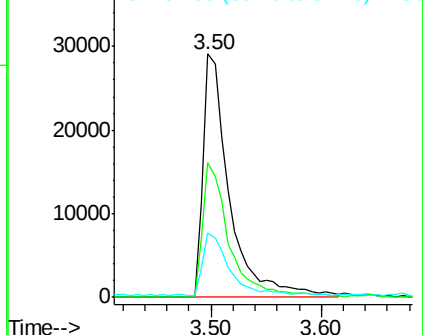
79 100

52 55.1 45.0 67.4

51 26.3 21.4 32.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 17.88 ng

RT: 3.42 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

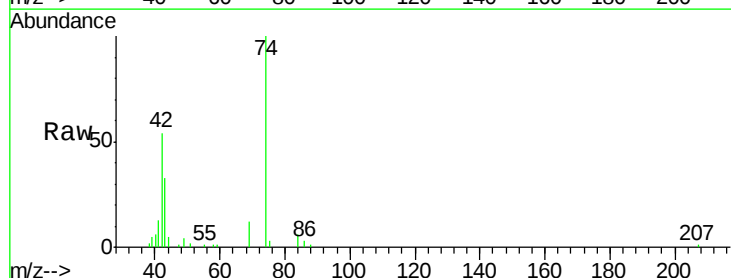
Tgt Ion: 42 Resp: 19095

Ion Ratio Lower Upper

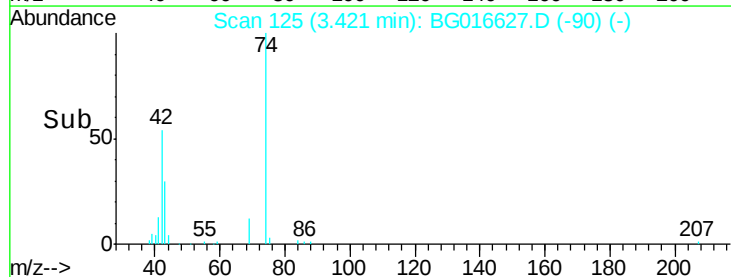
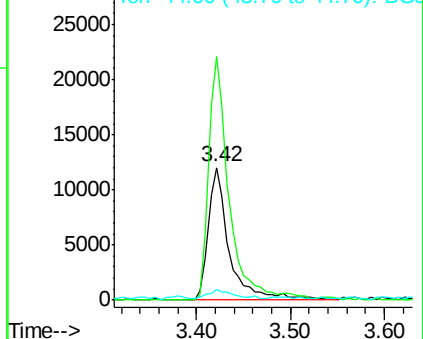
42 100

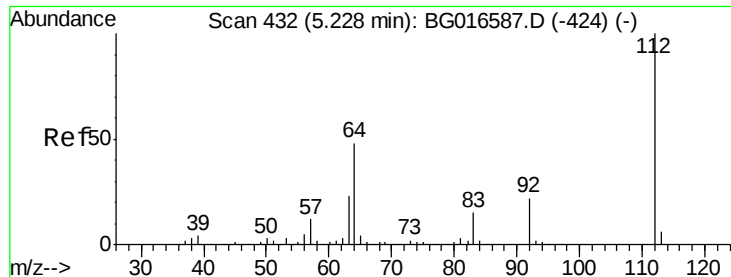
74 183.7 151.6 227.4

44 8.4 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 68.35 ng

RT: 5.23 min Scan# 433

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

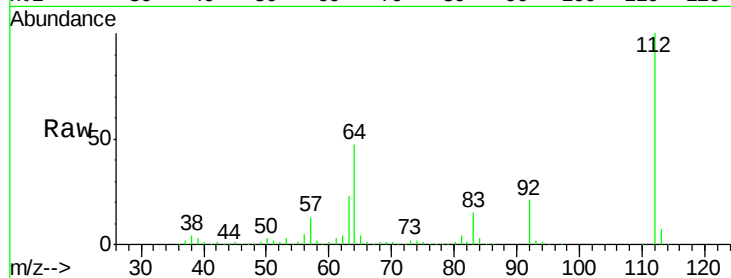
Tgt Ion: 112 Resp: 195971

Ion Ratio Lower Upper

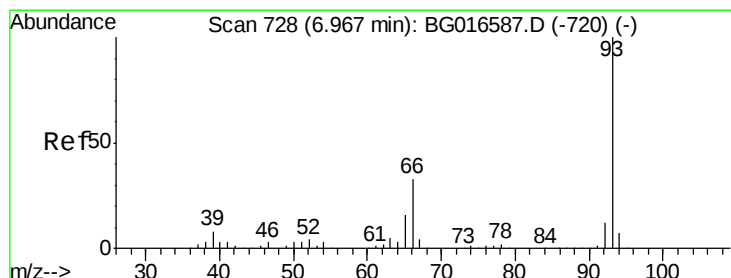
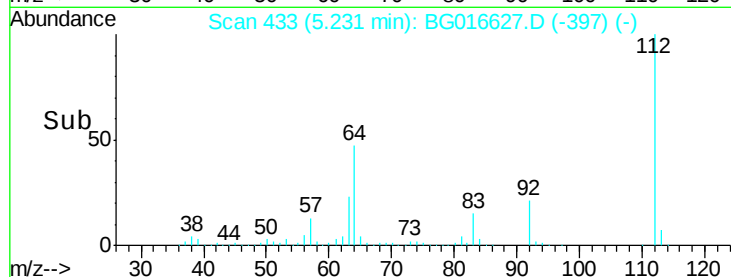
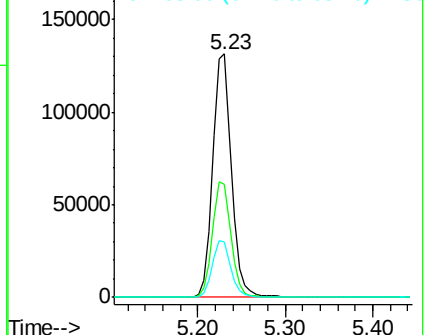
112 100

64 46.6 38.5 57.7

63 22.5 18.2 27.4



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: 10.79 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

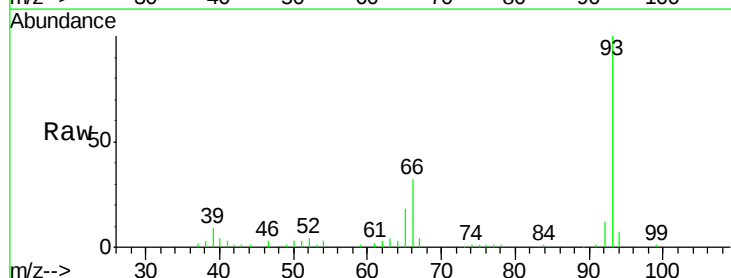
Tgt Ion: 93 Resp: 59685

Ion Ratio Lower Upper

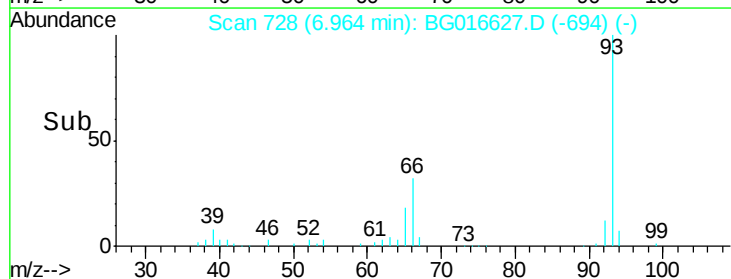
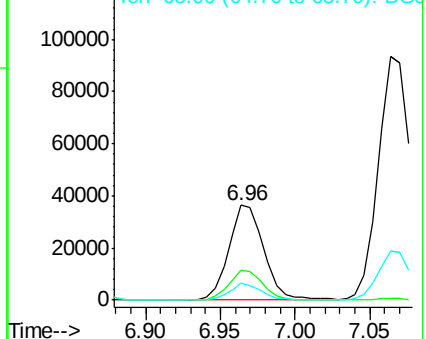
93 100

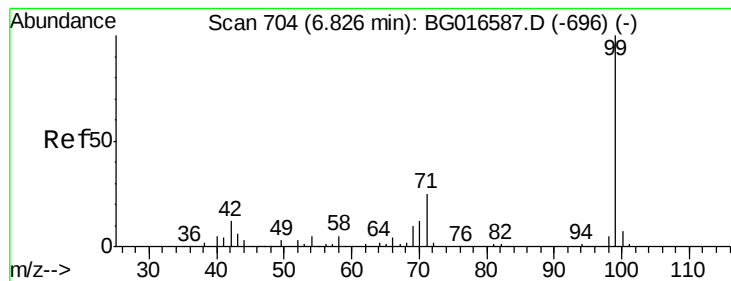
66 31.8 26.1 39.1

65 17.6 13.0 19.6



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: 47.03 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

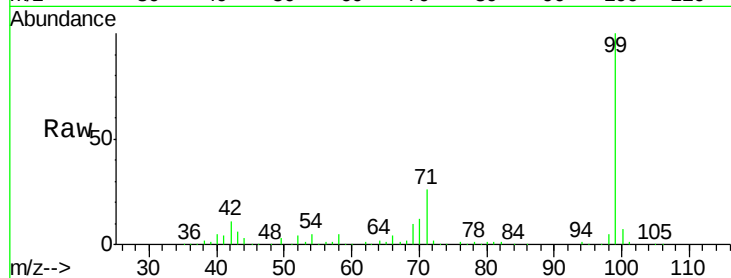
Tgt Ion: 99 Resp: 188385

Ion Ratio Lower Upper

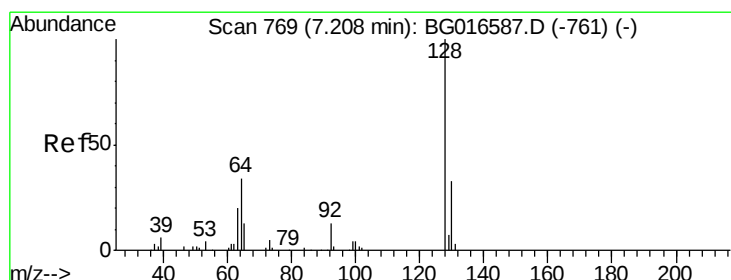
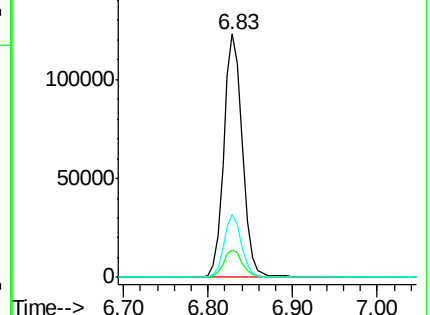
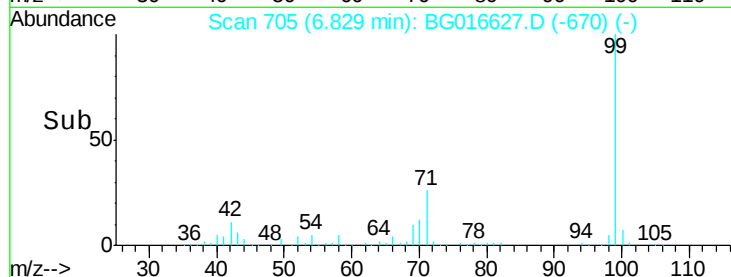
99 100

42 11.1 9.5 14.3

71 25.7 20.2 30.2



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: 38.03 ng

RT: 7.21 min Scan# 769

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

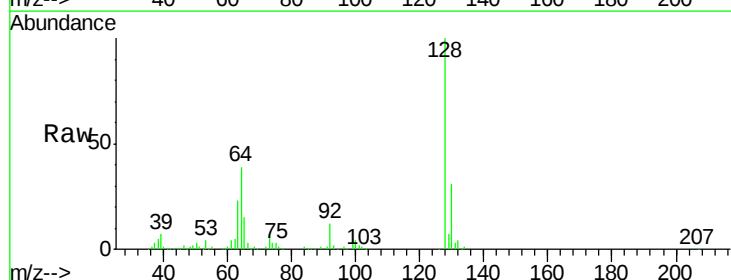
Tgt Ion: 128 Resp: 130184

Ion Ratio Lower Upper

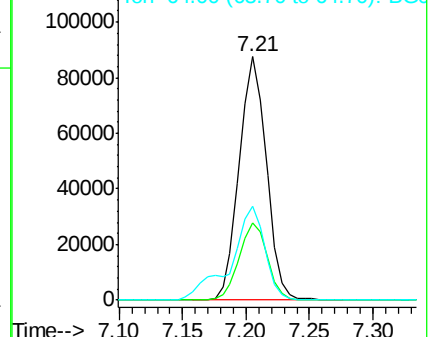
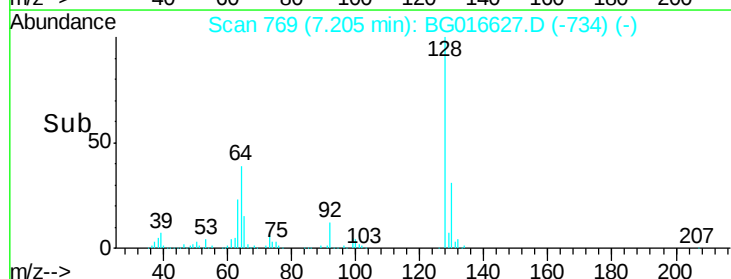
128 100

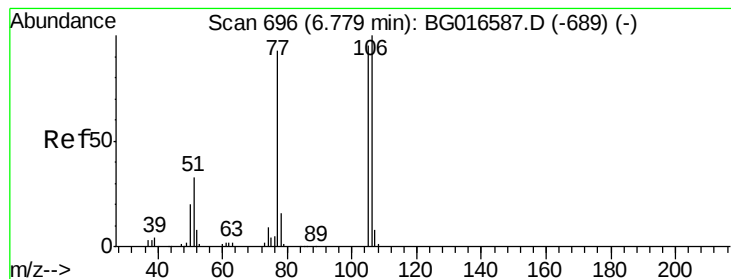
130 31.5 13.5 53.5

64 38.8 17.9 57.9



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: 10.67 ng

RT: 6.78 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

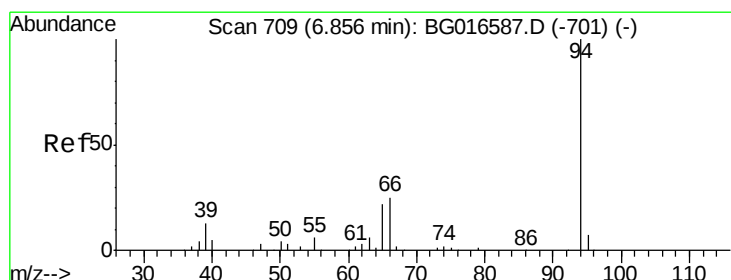
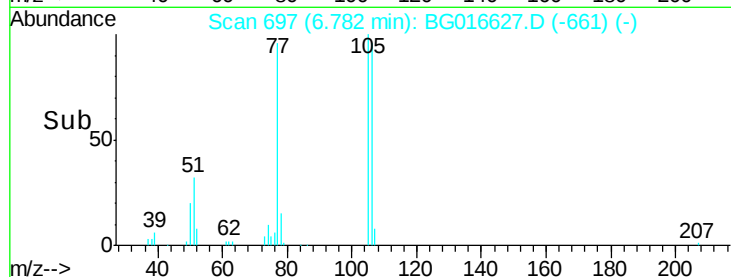
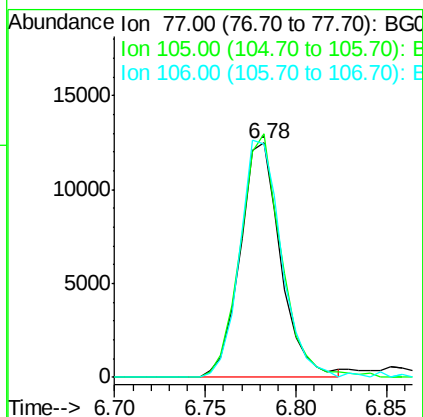
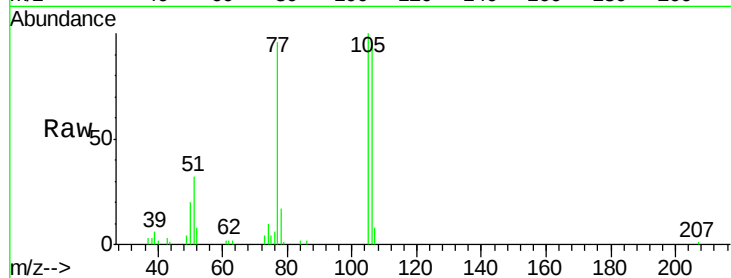
Tgt Ion: 77 Resp: 19446

Ion Ratio Lower Upper

77 100

105 104.0 81.6 121.6

106 99.5 87.4 127.4



#10

Phenol

Concen: 16.25 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

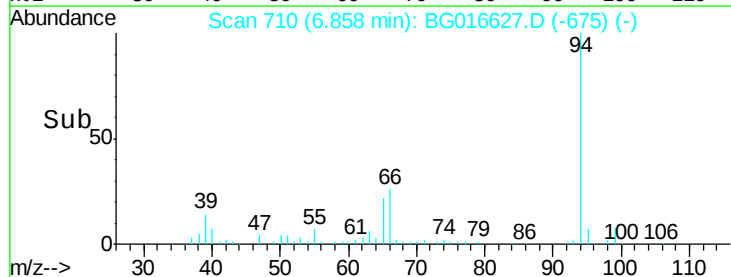
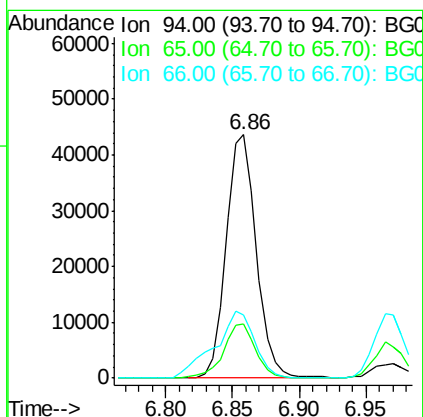
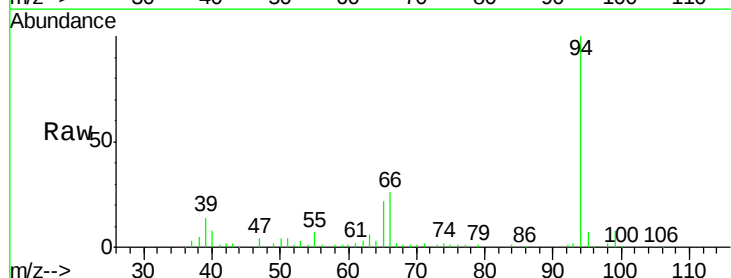
Tgt Ion: 94 Resp: 68864

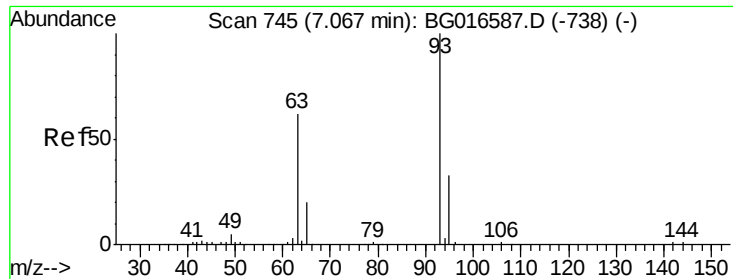
Ion Ratio Lower Upper

94 100

65 22.0 2.6 42.6

66 26.1 6.3 46.3

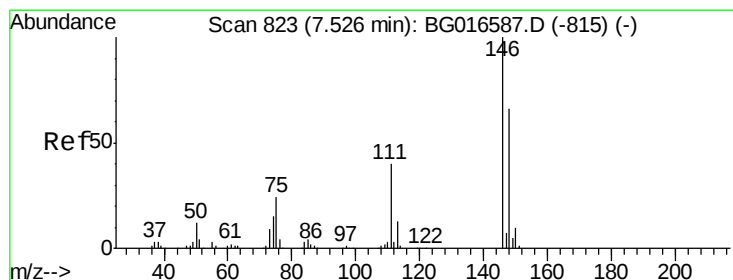
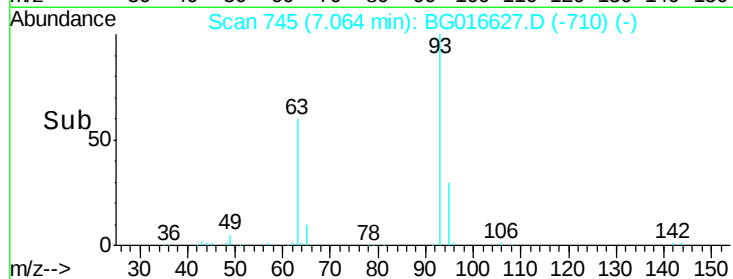
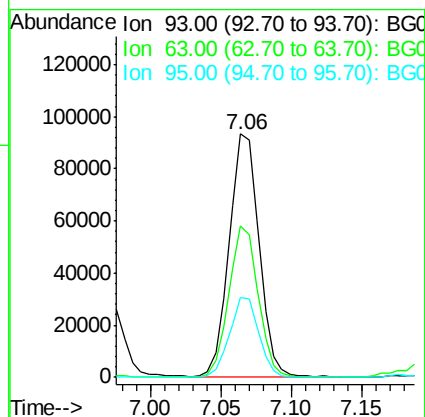
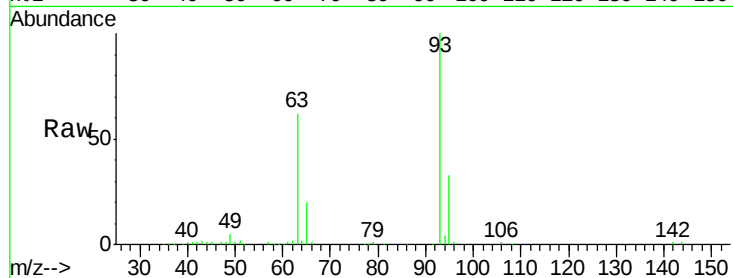




#11
bis(2-Chloroethyl)ether
Concen: 41.64 ng
RT: 7.06 min Scan# 745
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

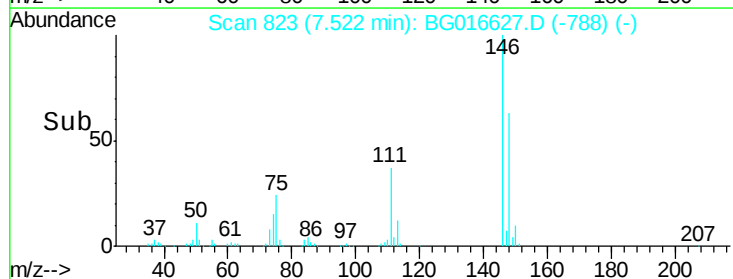
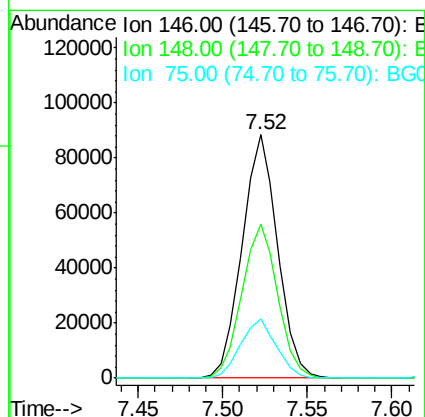
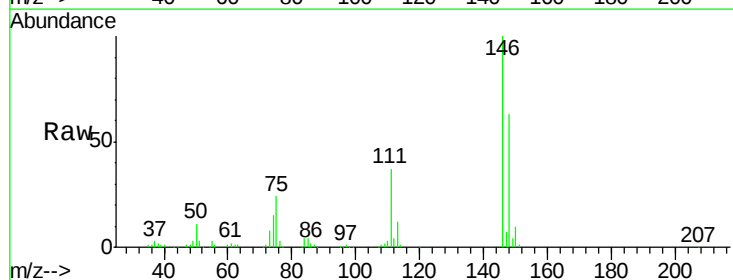
Instrument :
BNA_G
ClientSampleId :
MW-53MSD

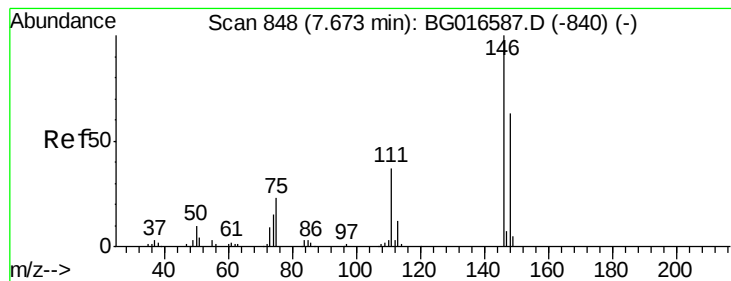
Tgt Ion: 93 Resp: 138142
Ion Ratio Lower Upper
93 100
63 62.2 42.0 82.0
95 32.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 36.13 ng
RT: 7.52 min Scan# 823
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion: 146 Resp: 129118
Ion Ratio Lower Upper
146 100
148 63.5 52.6 79.0
75 24.1 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 36.54 ng

RT: 7.67 min Scan# 848

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

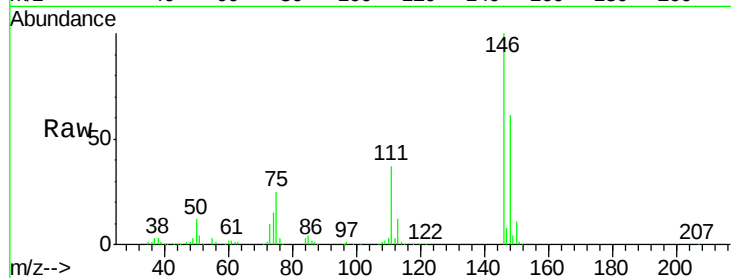
Tgt Ion:146 Resp: 132923

Ion Ratio Lower Upper

146 100

148 61.4 50.5 75.7

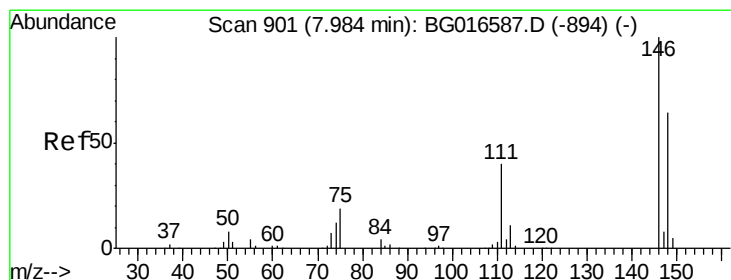
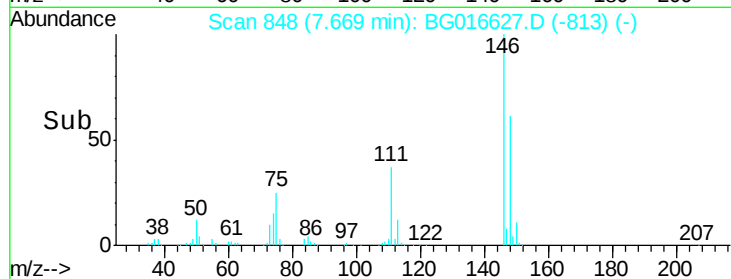
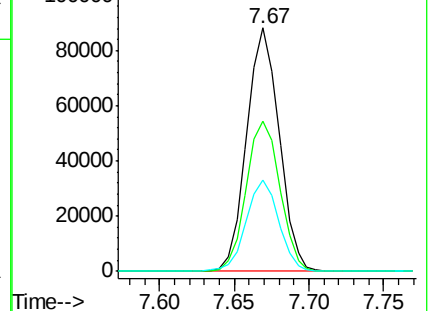
111 37.3 29.6 44.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.45 ng

RT: 7.99 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

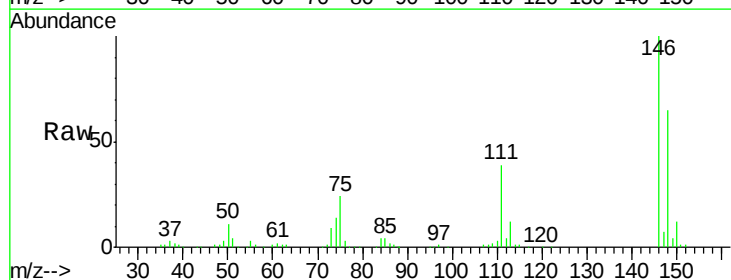
Tgt Ion:146 Resp: 129616

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

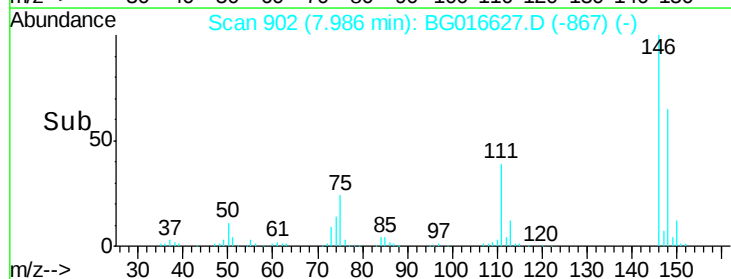
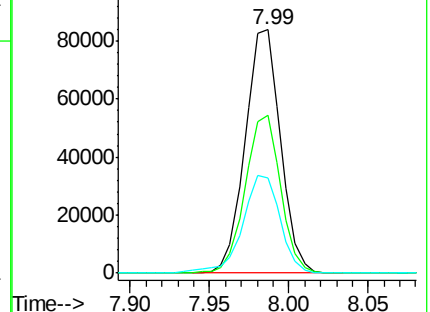
111 39.1 32.6 48.8

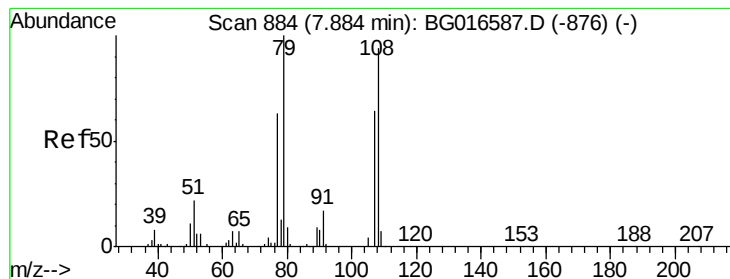


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 30.08 ng

RT: 7.88 min Scan# 884

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

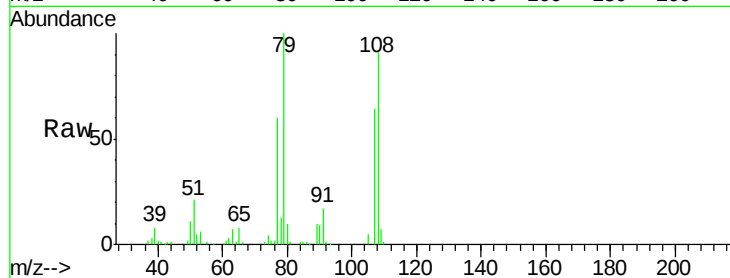
Tgt Ion: 79 Resp: 76664

Ion Ratio Lower Upper

79 100

108 90.6 74.8 112.2

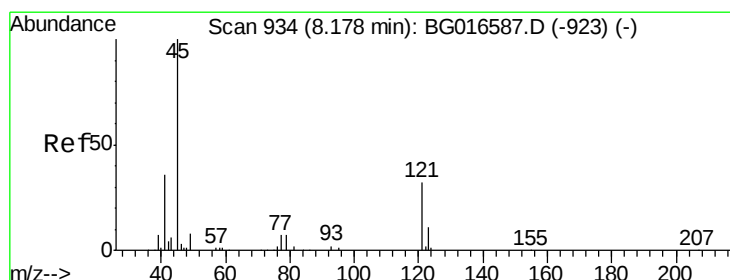
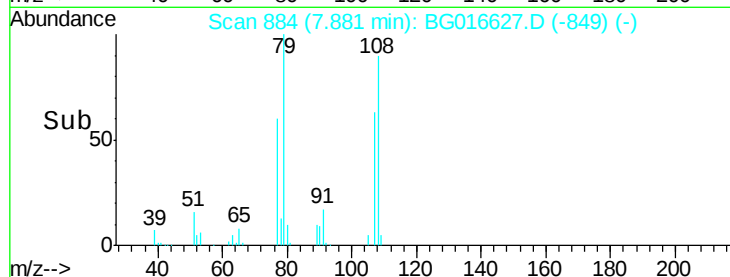
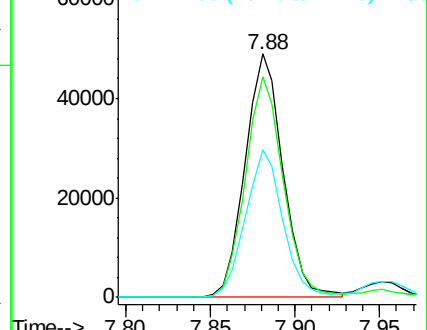
77 60.4 50.0 75.0



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: 42.95 ng

RT: 8.17 min Scan# 934

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

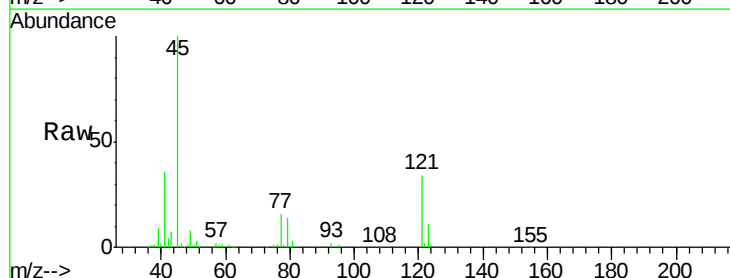
Tgt Ion: 45 Resp: 137975

Ion Ratio Lower Upper

45 100

77 16.5 0.0 35.7

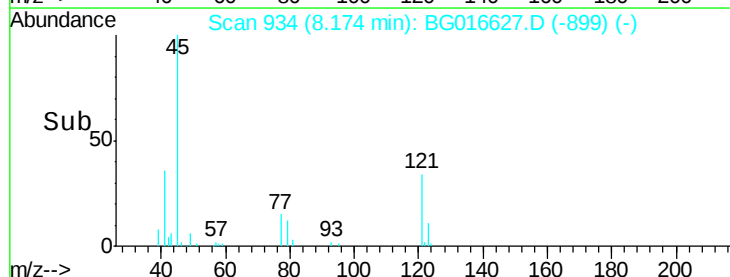
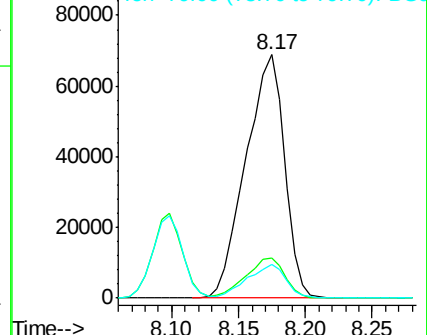
79 13.8 0.0 34.3

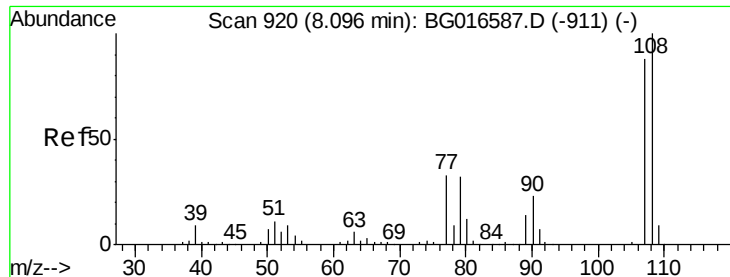


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

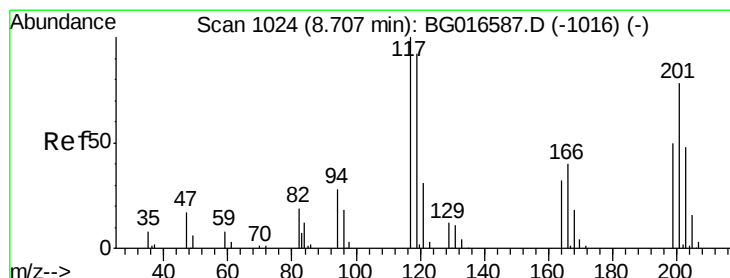
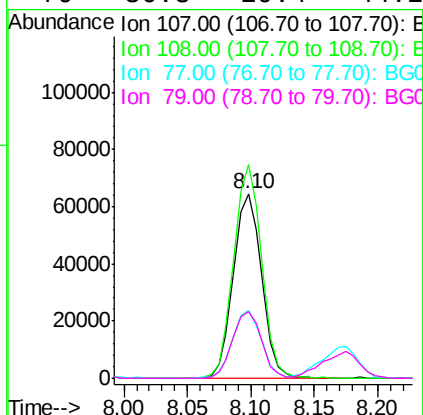
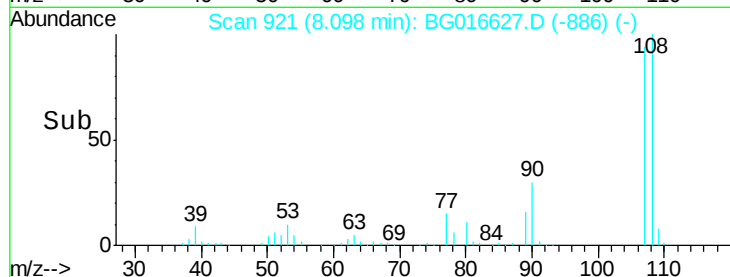
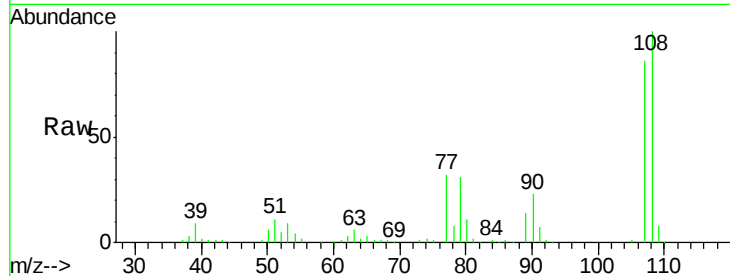




#17
2-Methylphenol
Concen: 34.89 ng
RT: 8.10 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

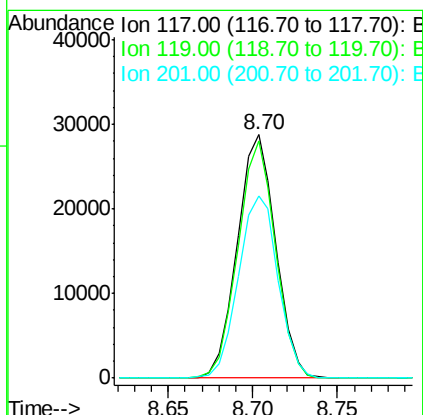
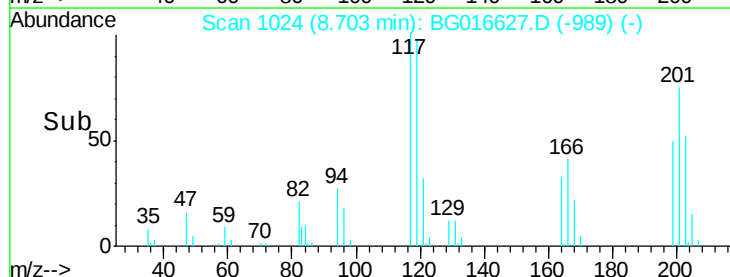
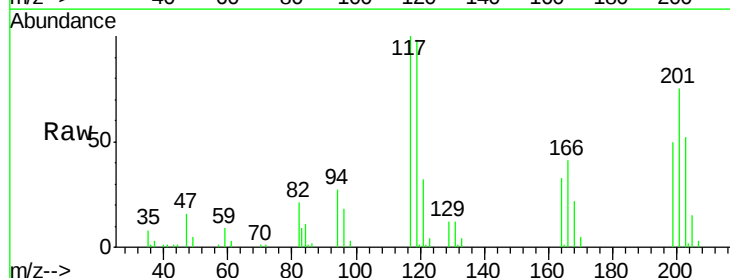
Instrument :
BNA_G
ClientSampleId :
MW-53MSD

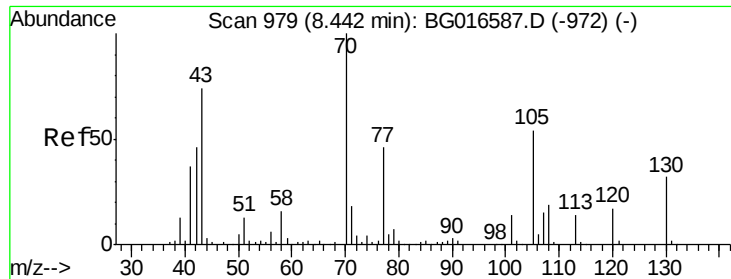
Tgt Ion:107 Resp: 99639
Ion Ratio Lower Upper
107 100
108 115.6 91.6 137.4
77 37.0 30.2 45.4
79 36.3 29.4 44.2



#18
Hexachloroethane
Concen: 34.71 ng
RT: 8.70 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion:117 Resp: 45336
Ion Ratio Lower Upper
117 100
119 97.6 73.8 110.8
201 74.9 62.2 93.2

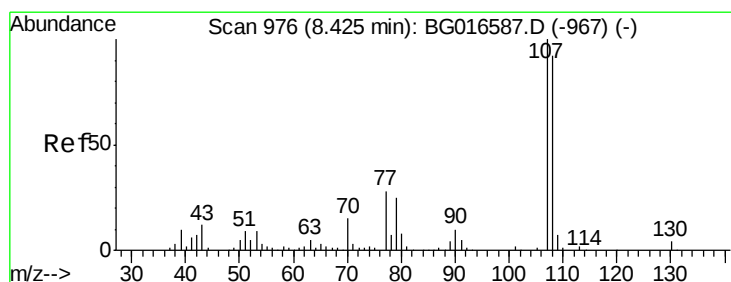
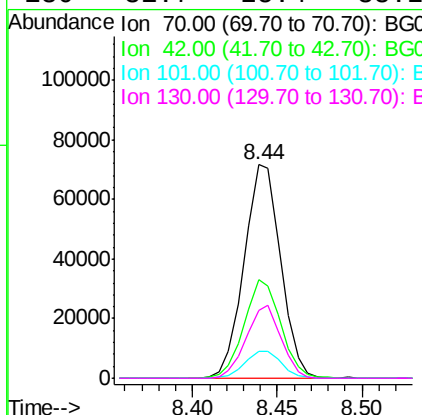
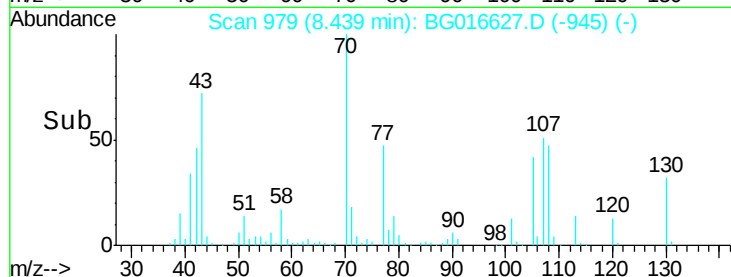
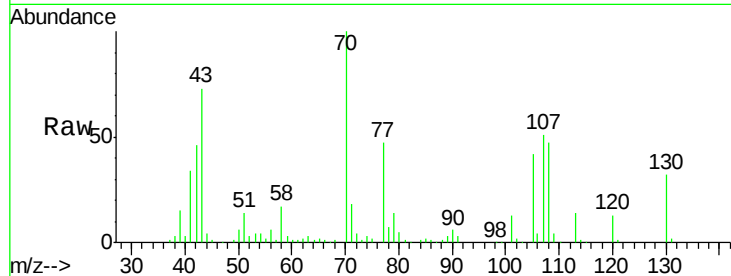




#19
n-Nitroso-di-n-propylamine
Concen: 41.75 ng
RT: 8.44 min Scan# 979
Delta R.T. 0.00 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

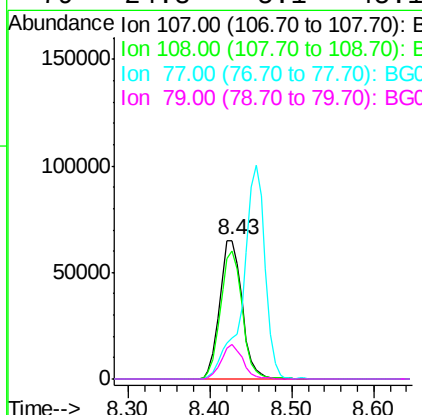
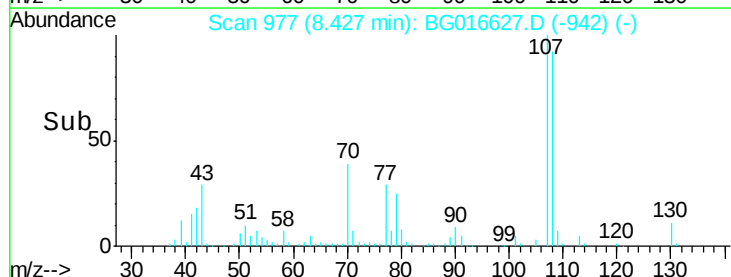
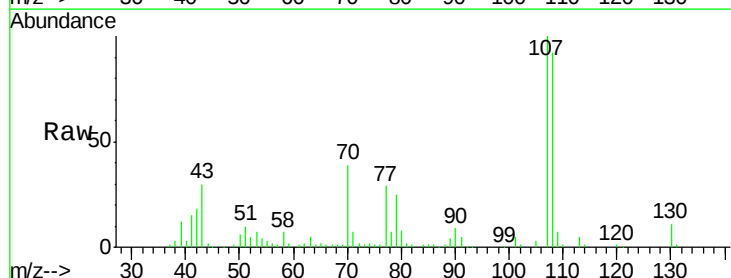
Instrument :
BNA_G
ClientSampleId :
MW-53MSD

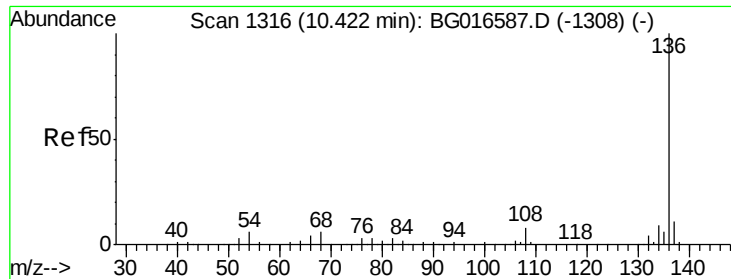
Tgt Ion: 70 Resp: 108128
Ion Ratio Lower Upper
70 100
42 46.3 36.9 55.3
101 12.6 10.8 16.2
130 31.7 25.4 38.2



#20
3+4-Methylphenols
Concen: 31.76 ng
RT: 8.43 min Scan# 977
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion: 107 Resp: 124891
Ion Ratio Lower Upper
107 100
108 92.4 71.6 111.6
77 29.5 7.6 47.6
79 24.8 5.1 45.1

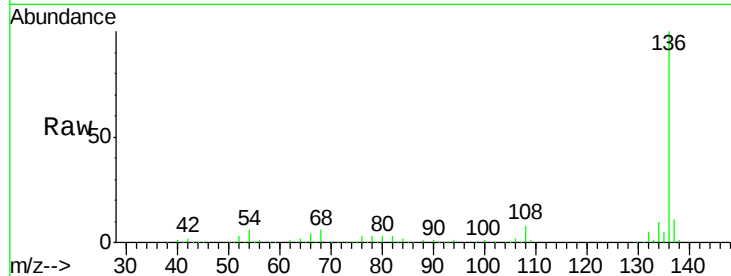




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Instrument :
BNA_G
ClientSampleId :
MW-53MSD

Tgt Ion:	136	Resp:	222564
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.2	4.9	7.3
68	6.1	4.9	7.3



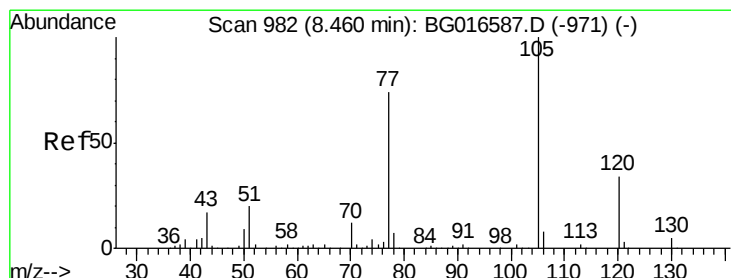
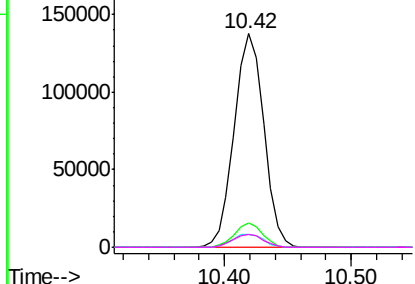
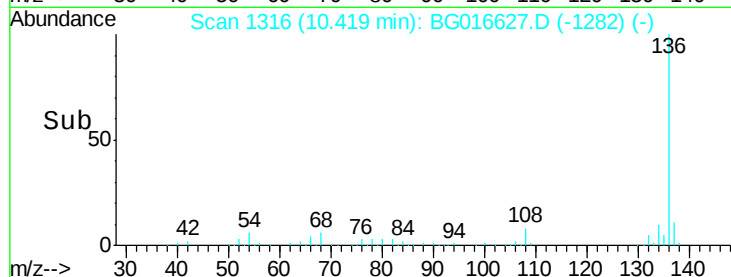
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

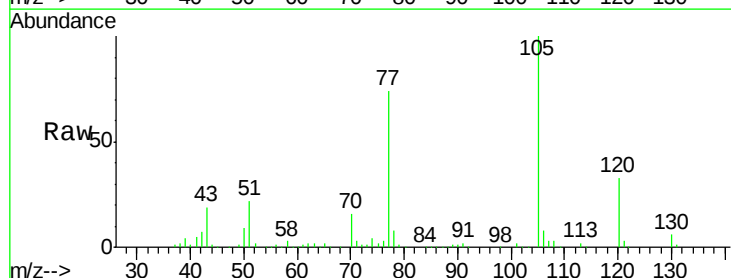
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.70 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion:	105	Resp:	211669
Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.8	2.6#
51	21.8	16.5	24.7
120	33.5	26.8	40.2



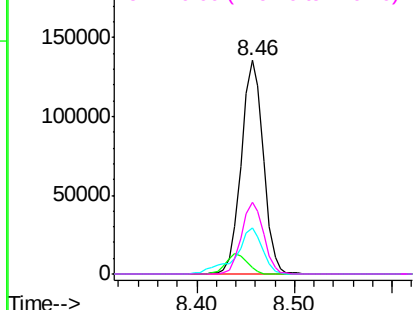
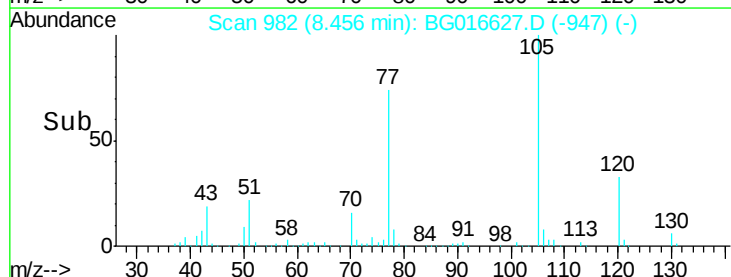
Abundance

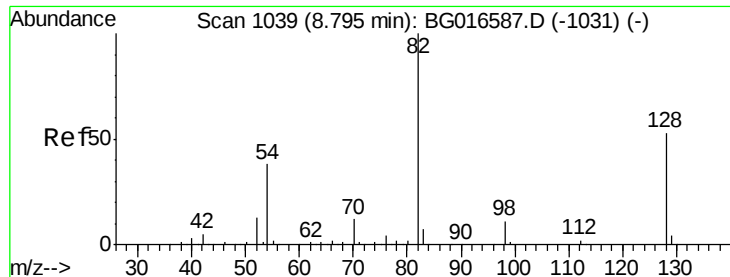
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

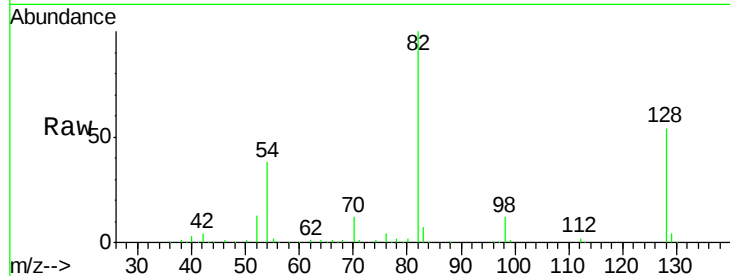




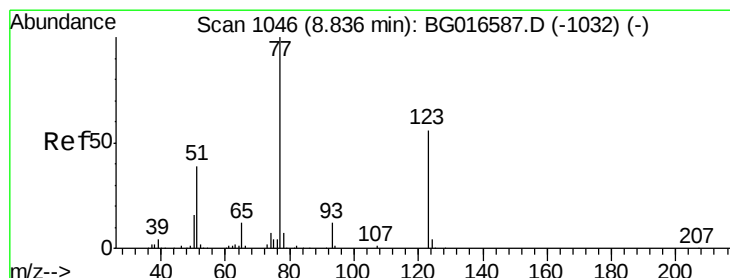
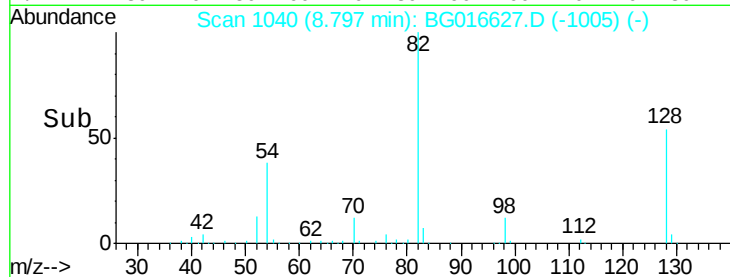
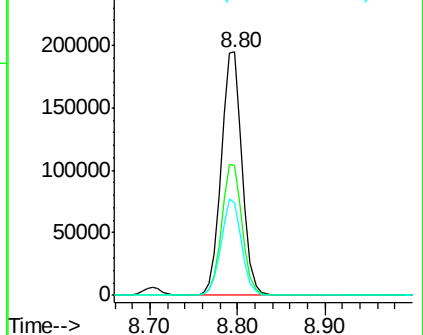
#23
 Nitrobenzene-d5
 Concen: 88.14 ng
 RT: 8.80 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BG016627.D
 Acq: 22 Apr 2015 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MW-53MSD

Tgt Ion: 82 Resp: 318585
 Ion Ratio Lower Upper
 82 100
 128 53.5 42.7 64.1
 54 38.0 30.6 45.8

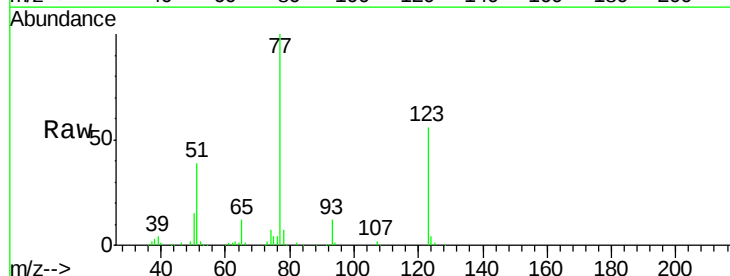


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

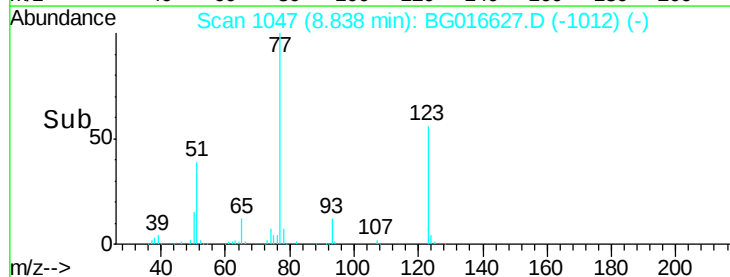
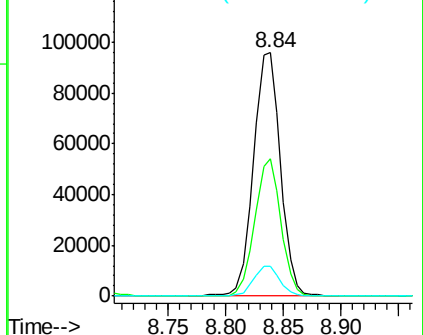


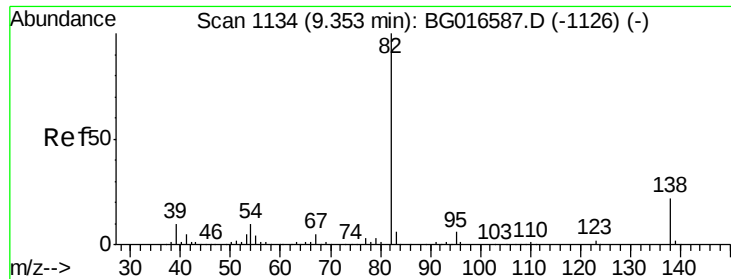
#24
 Nitrobenzene
 Concen: 41.66 ng
 RT: 8.84 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BG016627.D
 Acq: 22 Apr 2015 19:40

Tgt Ion: 77 Resp: 156726
 Ion Ratio Lower Upper
 77 100
 123 56.4 44.8 67.2
 65 12.3 9.8 14.6



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





#25

Isophorone

Concen: 42.90 ng

RT: 9.36 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

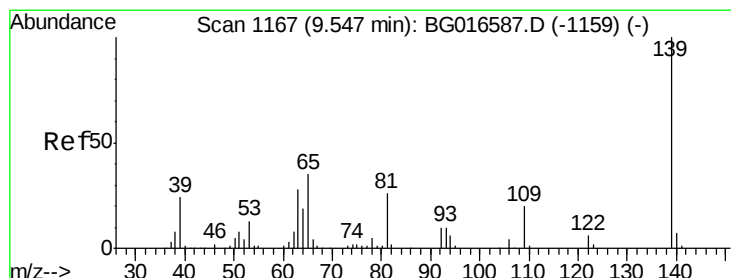
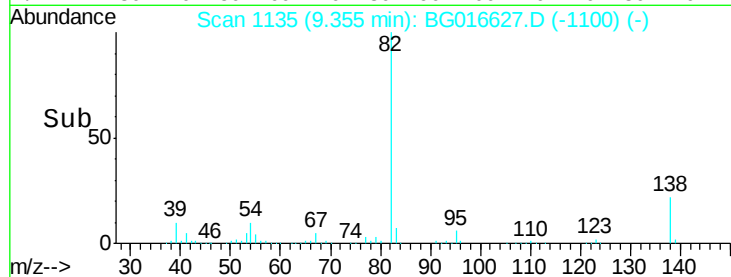
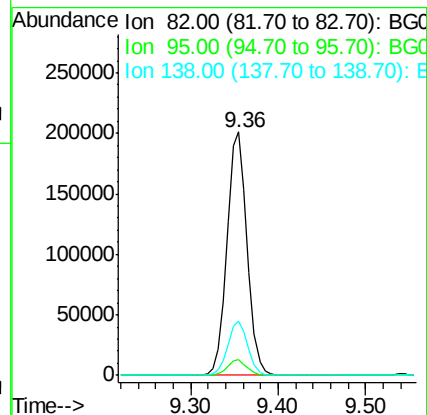
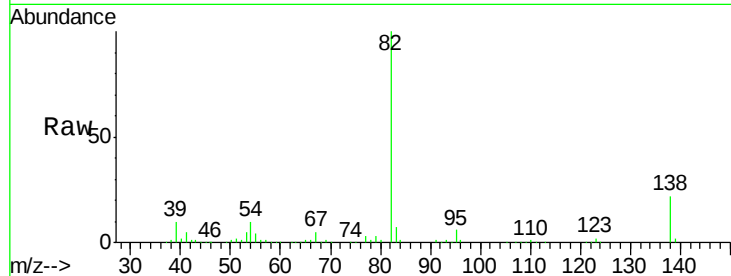
Tgt Ion: 82 Resp: 317447

Ion Ratio Lower Upper

82 100

95 6.3 4.9 7.3

138 22.4 17.7 26.5



#26

2-Nitrophenol

Concen: 42.73 ng

RT: 9.54 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

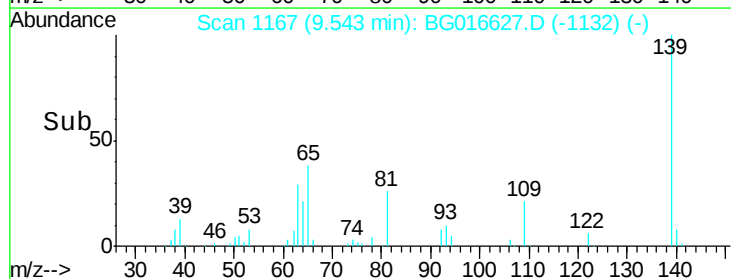
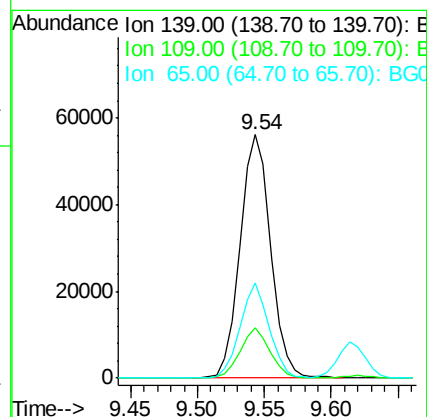
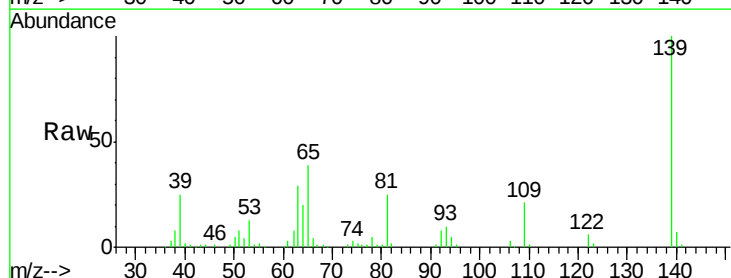
Tgt Ion: 139 Resp: 88746

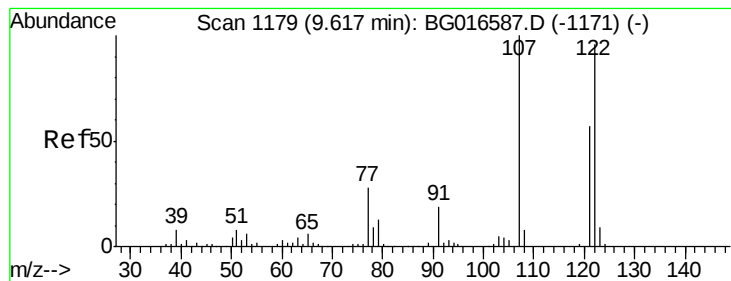
Ion Ratio Lower Upper

139 100

109 20.8 16.2 24.2

65 38.9 28.2 42.4





#27

2,4-Dimethylphenol

Concen: 44.00 ng

RT: 9.61 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

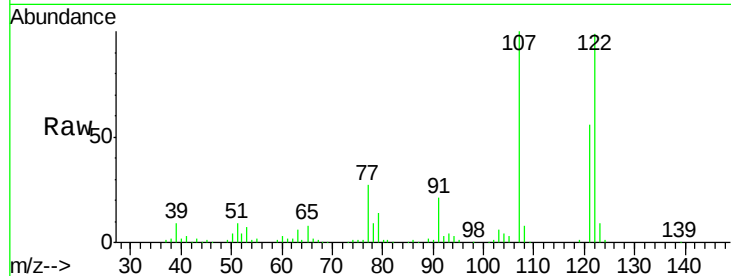
Tgt Ion:122 Resp: 155404

Ion Ratio Lower Upper

122 100

107 101.4 82.9 124.3

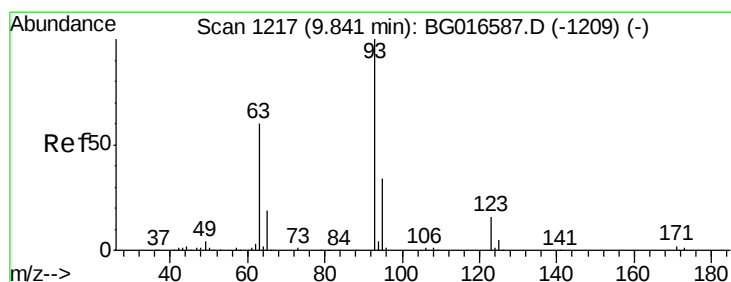
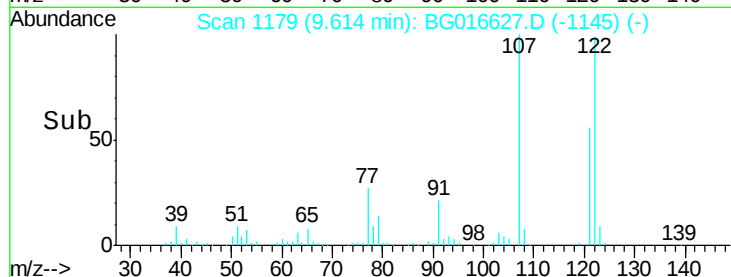
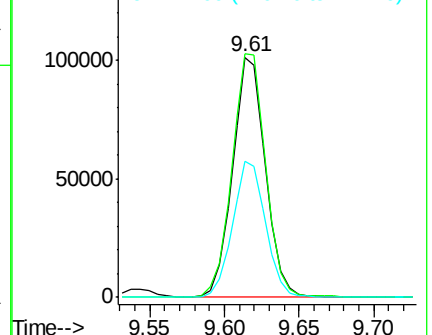
121 56.7 47.0 70.4



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: 42.57 ng

RT: 9.84 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

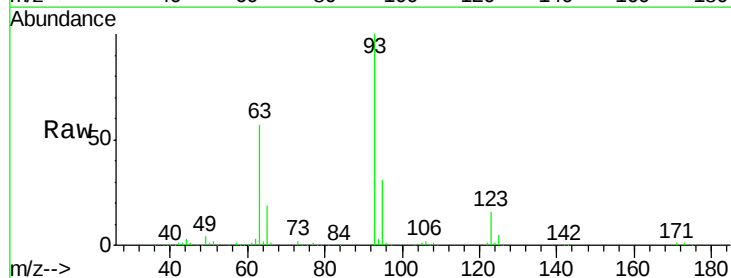
Tgt Ion: 93 Resp: 188914

Ion Ratio Lower Upper

93 100

95 31.3 26.9 40.3

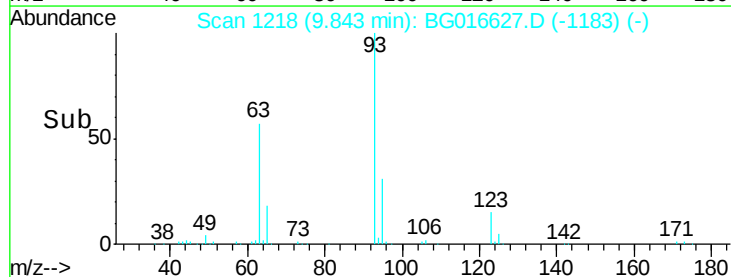
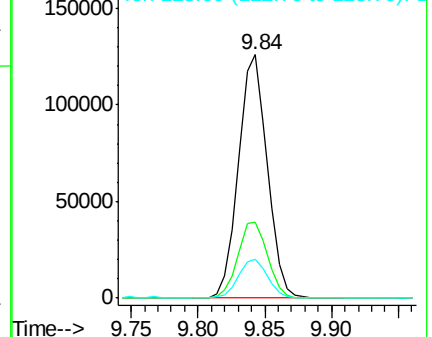
123 16.1 13.0 19.6

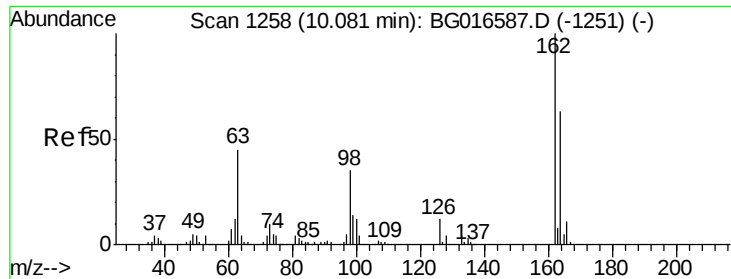


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

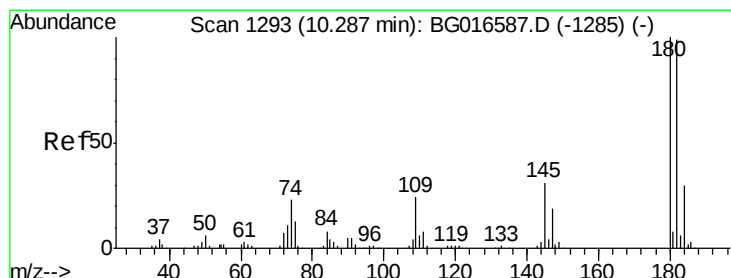
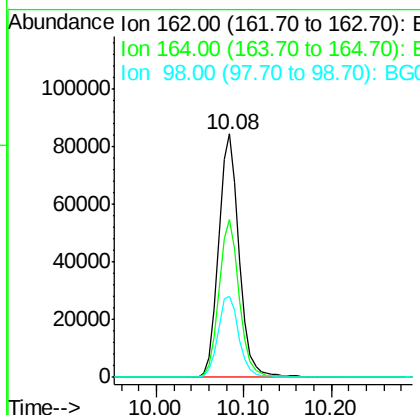
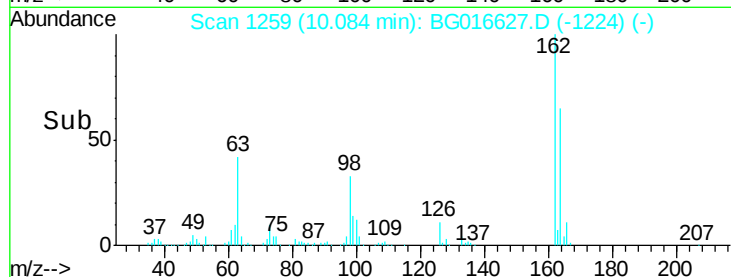
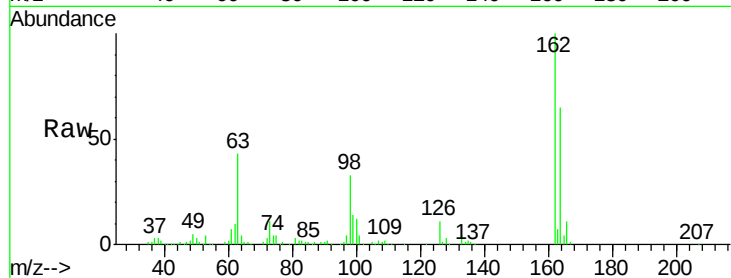




#29
2,4-Dichlorophenol
Concen: 46.91 ng
RT: 10.08 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

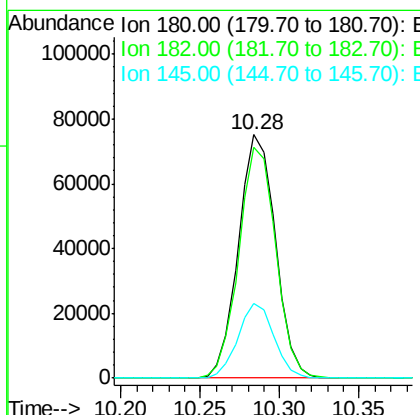
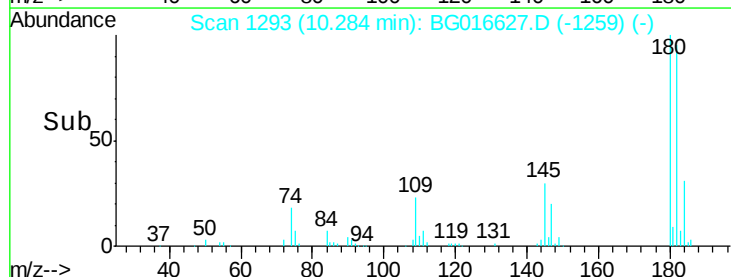
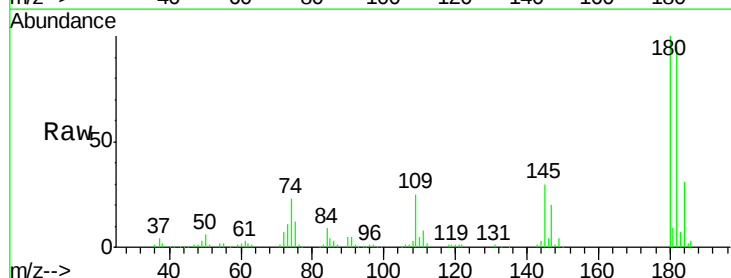
Instrument :
BNA_G
ClientSampled :
MW-53MSD

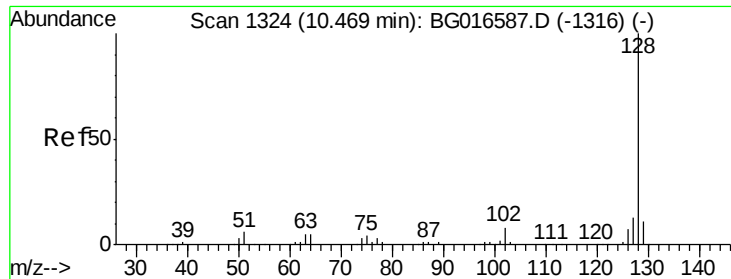
Tgt Ion:162 Resp: 136982
Ion Ratio Lower Upper
162 100
164 64.9 42.6 82.6
98 33.5 15.1 55.1



#30
1,2,4-Trichlorobenzene
Concen: 39.19 ng
RT: 10.28 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion:180 Resp: 121672
Ion Ratio Lower Upper
180 100
182 95.0 78.9 118.3
145 30.5 24.8 37.2

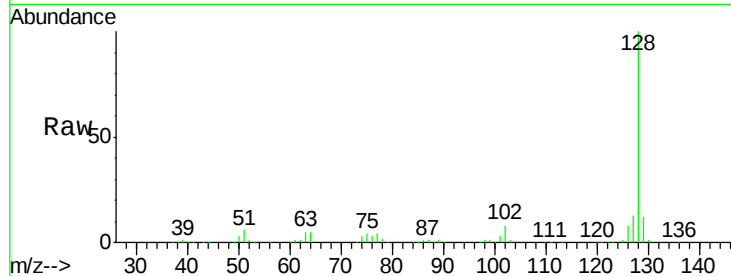




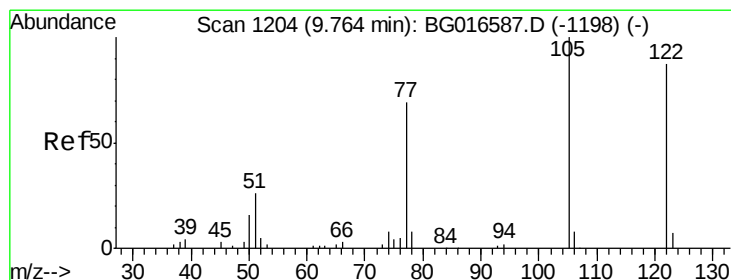
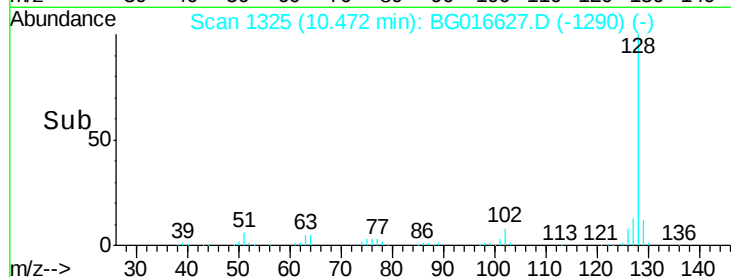
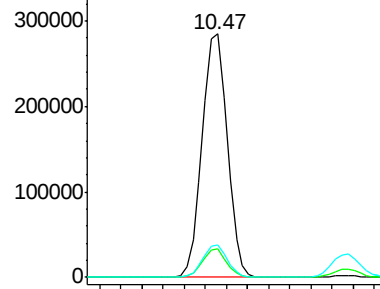
#31
Naphthalene
Concen: 40.34 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Instrument :
BNA_G
ClientSampleId :
MW-53MSD

Tgt Ion:128 Resp: 468652
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.5 10.6 16.0

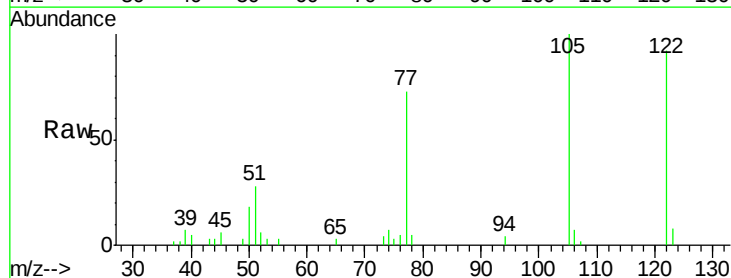


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

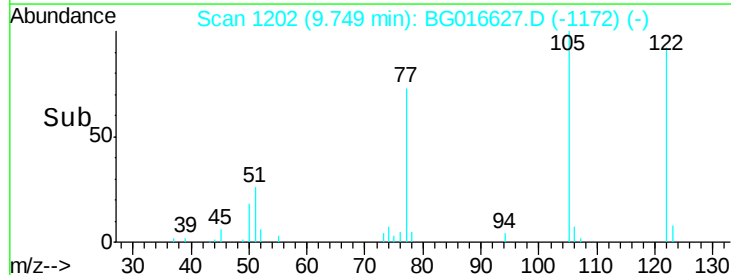
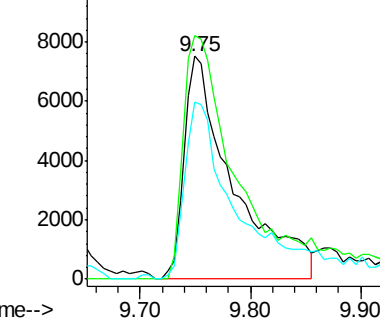


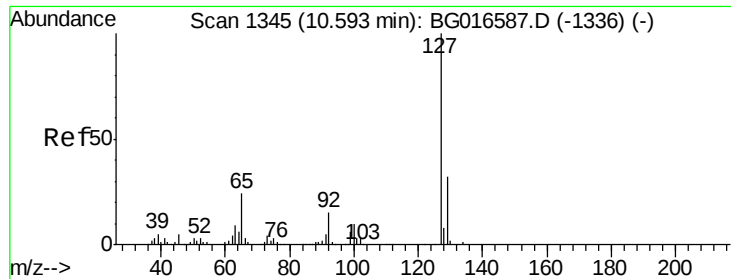
#32
Benzoic acid
Concen: 25.39 ng
RT: 9.75 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion:122 Resp: 23250
Ion Ratio Lower Upper
122 100
105 109.2 95.5 135.5
77 79.3 60.2 100.2



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

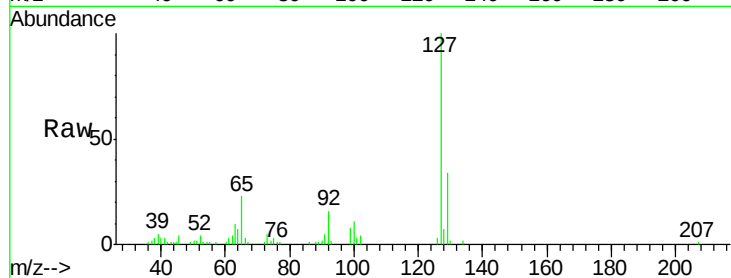




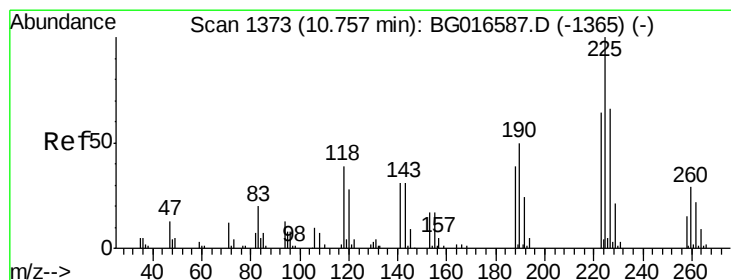
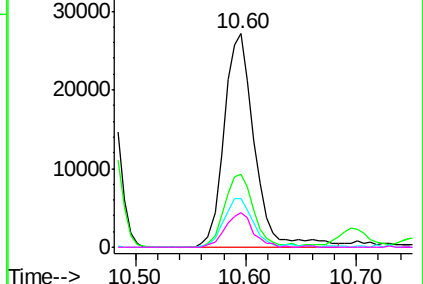
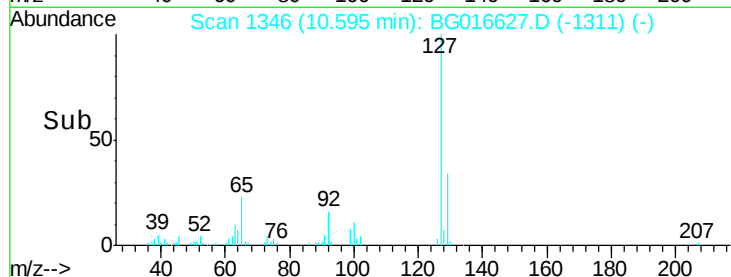
#33
4-Chloroaniline
Concen: 9.84 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Instrument :
BNA_G
ClientSampleId :
MW-53MSD

Tgt Ion:	127	Resp:	52262
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.4	38.0
65	22.8	19.0	28.4
92	16.0	12.3	18.5

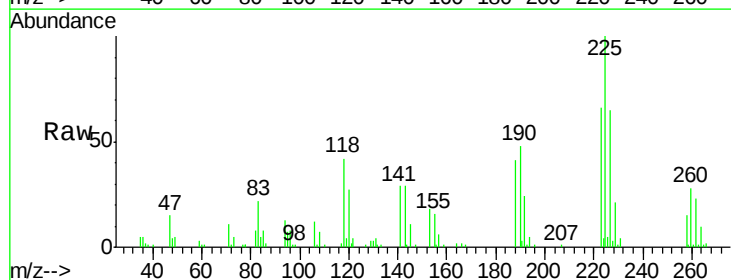


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

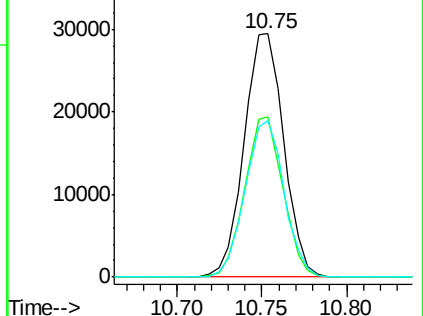
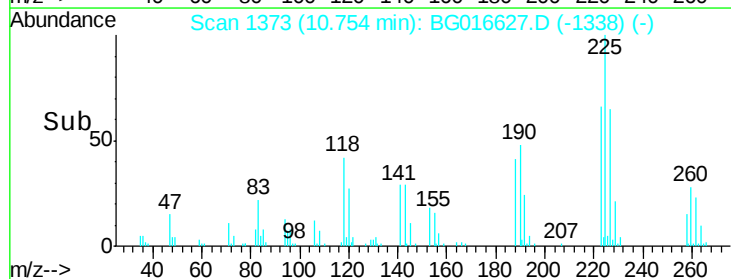


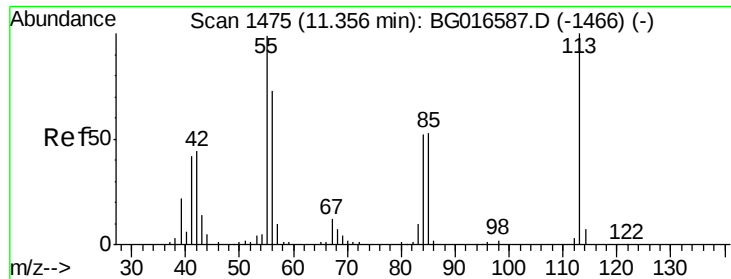
#34
Hexachlorobutadiene
Concen: 34.86 ng
RT: 10.75 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion:	225	Resp:	48099
Ion	Ratio	Lower	Upper
225	100		
223	66.0	51.0	76.4
227	64.5	52.7	79.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.71 ng

RT: 11.40 min Scan# 1483

Delta R.T. 0.04 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

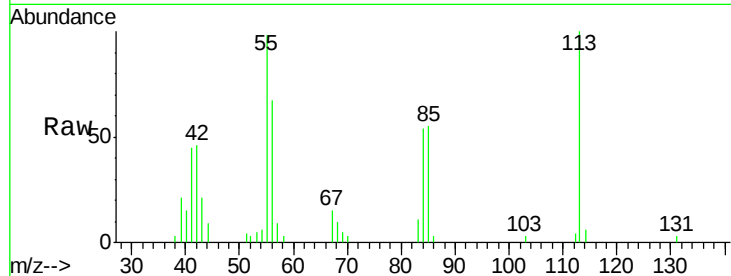
Tgt Ion:113 Resp: 13043

Ion Ratio Lower Upper

113 100

55 98.3 79.2 119.2

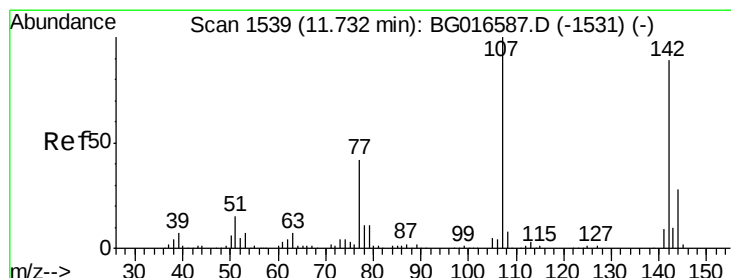
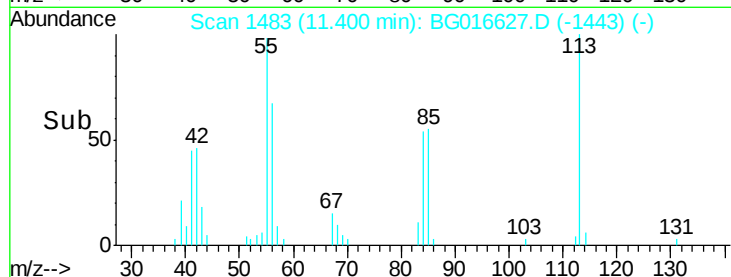
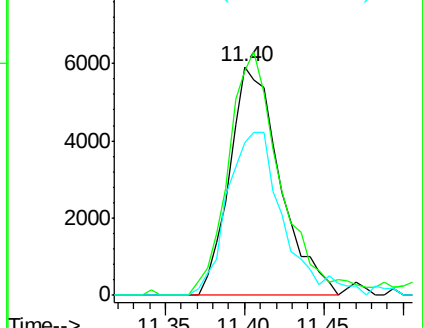
56 67.0 53.2 93.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 45.97 ng

RT: 11.73 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

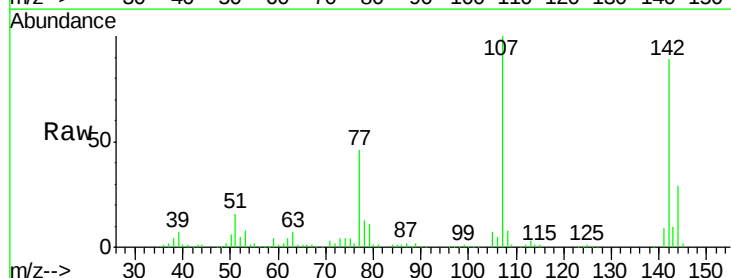
Tgt Ion:107 Resp: 162122

Ion Ratio Lower Upper

107 100

144 28.9 22.3 33.5

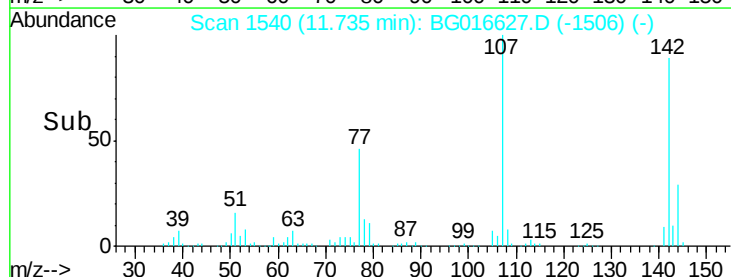
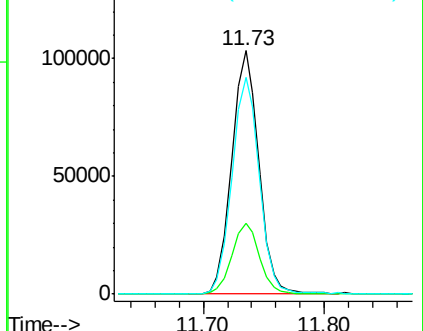
142 89.2 71.3 106.9

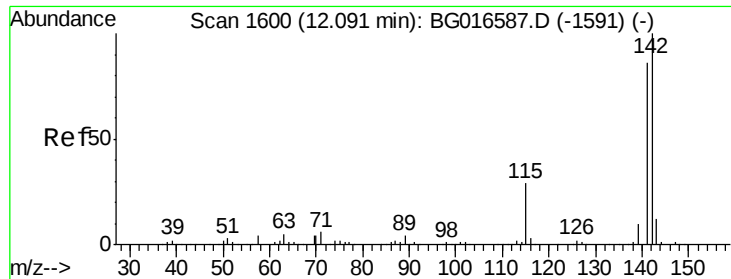


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

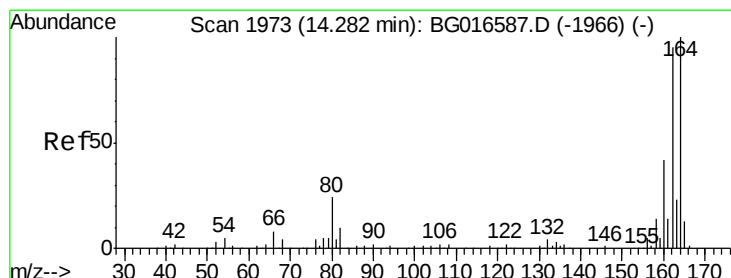
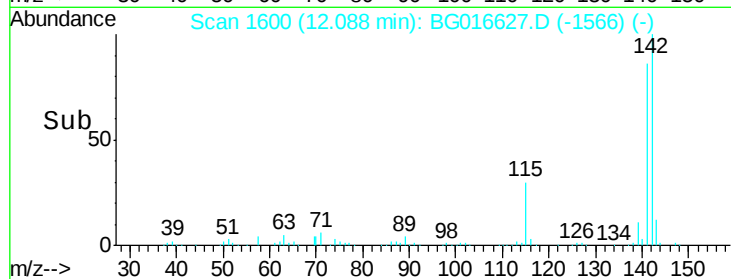
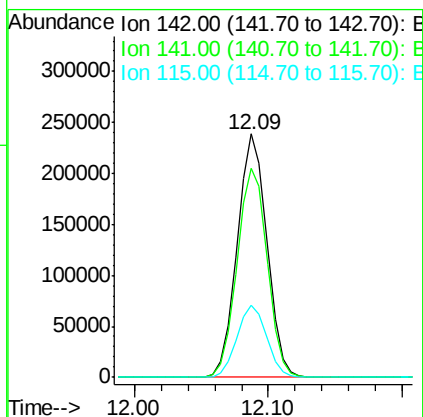
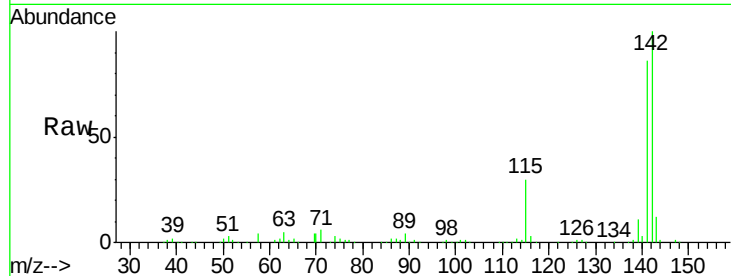




#37
2-Methylnaphthalene
Concen: 44.07 ng
RT: 12.09 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

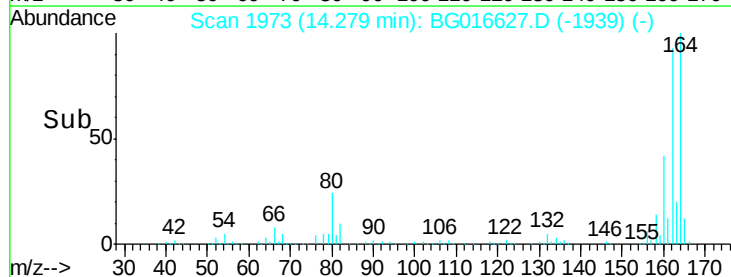
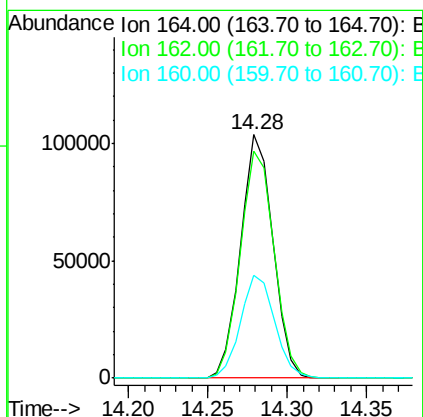
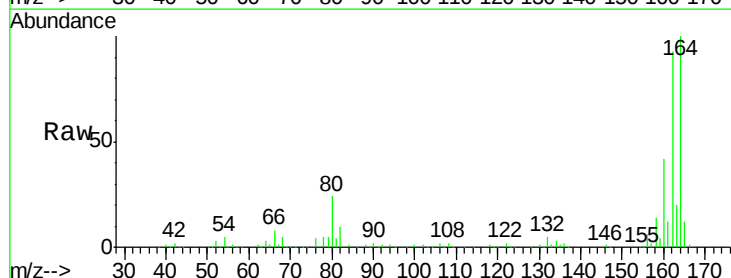
Instrument :
BNA_G
ClientSampleId :
MW-53MSD

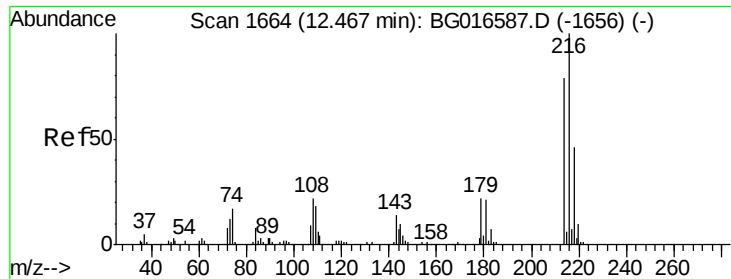
Tgt Ion:142 Resp: 366525
Ion Ratio Lower Upper
142 100
141 86.1 68.6 102.8
115 29.6 23.3 34.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG016627.D
Acq: 22 Apr 2015 19:40

Tgt Ion:164 Resp: 147306
Ion Ratio Lower Upper
164 100
162 93.0 75.8 113.6
160 42.4 33.8 50.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.61 ng

RT: 12.46 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

Instrument :

BNA_G

ClientSampleId :

MW-53MSD

Tgt Ion:216 Resp: 130820

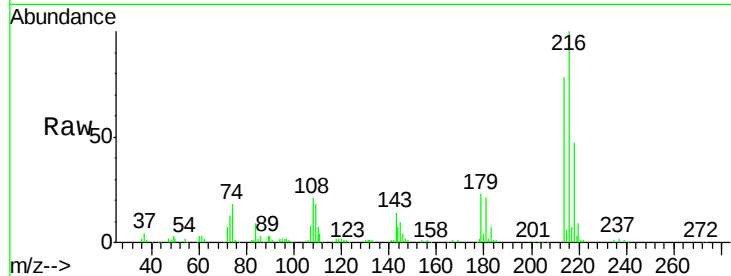
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 22.5 18.4 27.6

108 24.0 19.4 29.0

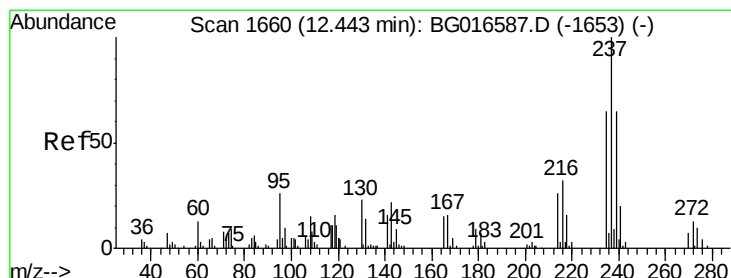
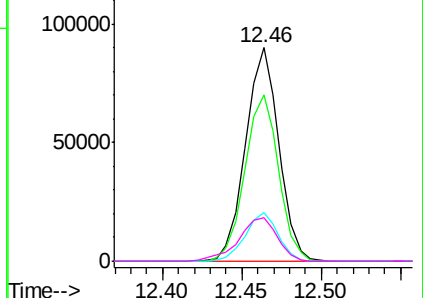
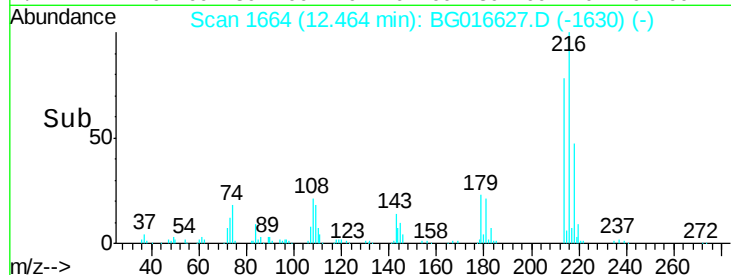


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 57.29 ng

RT: 12.44 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BG016627.D

Acq: 22 Apr 2015 19:40

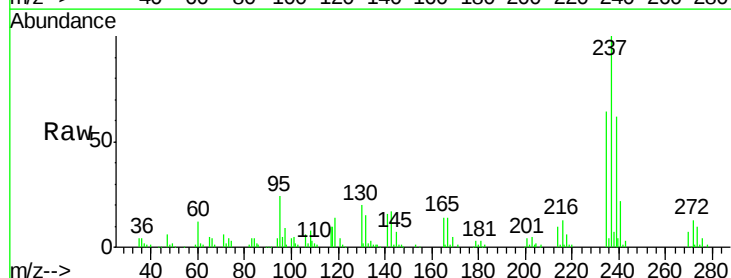
Tgt Ion:237 Resp: 70868

Ion Ratio Lower Upper

237 100

235 64.3 44.7 84.7

272 12.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

