

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
 Data File : BG026667.D
 Acq On : 19 Apr 2017 22:11
 Operator : SJ/MA
 Sample : I2718-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 20 01:05:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	179214	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	794355	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	506587	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1210517	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1236683	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1132706	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1426223	144.67	ng	0.00
7) Phenol-d6	7.23	99	1877747	145.36	ng	0.03
23) Nitrobenzene-d5	9.19	82	1090564	95.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	984719	139.50	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	2903261	85.35	ng	-0.02
78) Terphenyl-d14	19.97	244	3906974	93.27	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	132167	25.64	ng	# 82
3) Pyridine	3.90	79	561678	48.67	ng	# 63
4) n-Nitrosodimethylamine	3.80	42	138115	41.14	ng	# 1
6) Aniline	7.37	93	208808	12.94	ng	# 88
8) 2-Chlorophenol	7.61	128	579254	49.24	ng	# 80
9) Benzaldehyde	7.17	77	64004	7.31	ng	# 68
10) Phenol	7.26	94	669336	47.62	ng	# 69
11) bis(2-Chloroethyl)ether	7.44	93	524527	46.88	ng	# 81
12) 1,3-Dichlorobenzene	7.92	146	562470	40.57	ng	# 85
13) 1,4-Dichlorobenzene	8.07	146	574565	40.80	ng	# 93
14) 1,2-Dichlorobenzene	8.38	146	557916	41.93	ng	# 91
15) Benzyl Alcohol	8.28	79	417455	51.68	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	482534	44.58	ng	77
17) 2-Methylphenol	8.50	107	507817	51.56	ng	# 80
18) Hexachloroethane	9.11	117	183669	41.33	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	379406	47.38	ng	# 70
20) 3+4-Methylphenols	8.83	107	700061	51.73	ng	90
22) Acetophenone	8.85	105	802136	44.19	ng	# 76
24) Nitrobenzene	9.23	77	552982	45.87	ng	# 71
25) Isophorone	9.75	82	1079560	46.26	ng	# 87
26) 2-Nitrophenol	9.95	139	348059	47.66	ng	# 61
27) 2,4-Dimethylphenol	10.02	122	597764	50.71	ng	84
28) bis(2-Chloroethoxy)methane	10.23	93	696304	45.65	ng	# 98
29) 2,4-Dichlorophenol	10.51	162	660793	53.60	ng	93
30) 1,2,4-Trichlorobenzene	10.69	180	595486	43.33	ng	98
31) Naphthalene	10.88	128	1725341	44.25	ng	98
32) Benzoic acid	10.19	122	417968	50.07	ng	# 68
33) 4-Chloroaniline	11.01	127	63601	3.80	ng	# 80
34) Hexachlorobutadiene	11.17	225	340247	43.30	ng	96
35) Caprolactam	11.76	113	181892	37.99	ng	# 54
36) 4-Chloro-3-methylphenol	12.15	107	667528	53.76	ng	# 73
37) 2-Methylnaphthalene	12.48	142	1382600	46.08	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	658000	42.17	ng	99
40) Hexachlorocyclopentadiene	12.83	237	718569	91.14	ng	96

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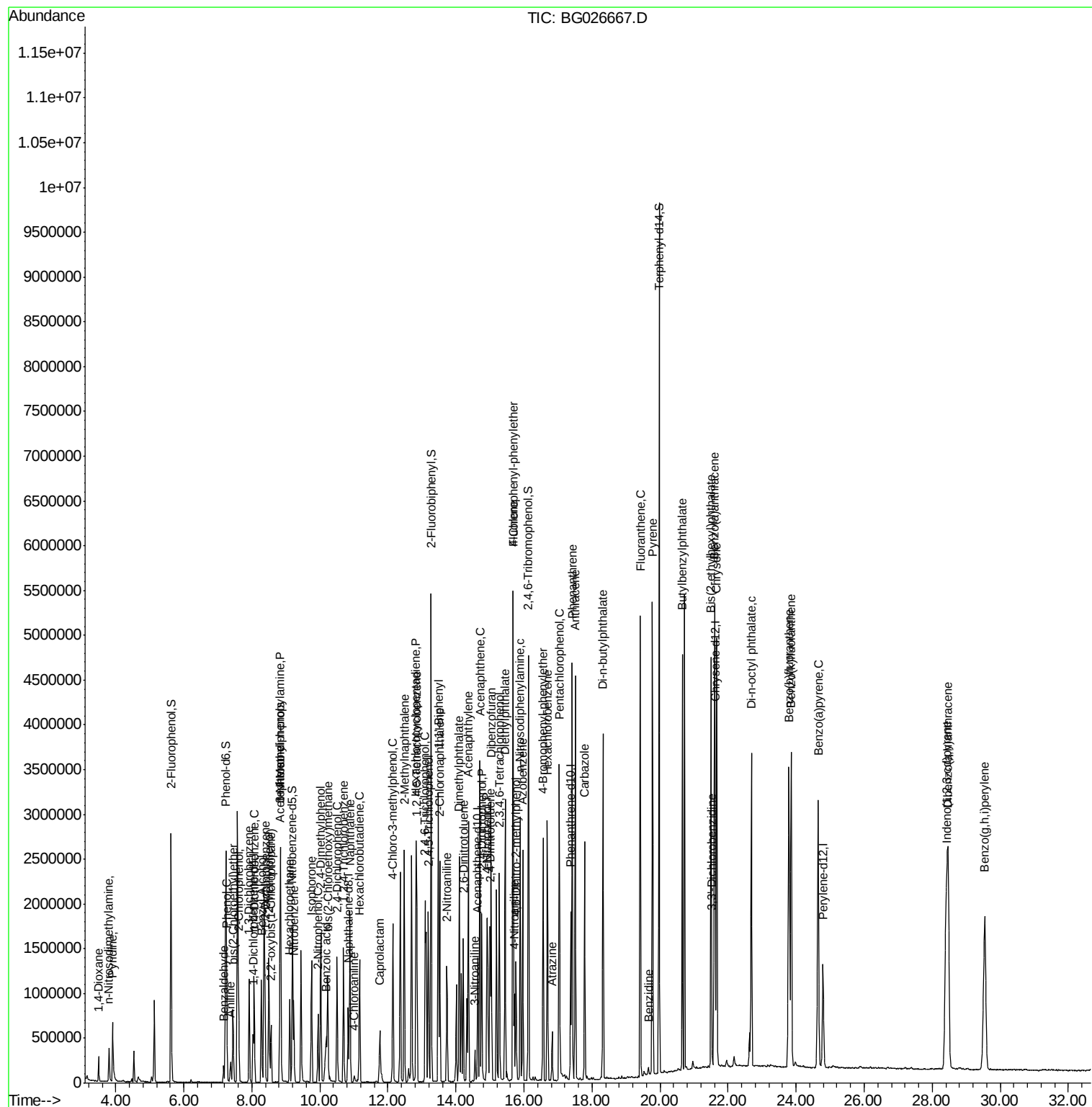
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	546055	49.14	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	596878	50.80	nq #	92
45) 1,1'-Biphenyl	13.48	154	1807334	43.90	nq	99
46) 2-Chloronaphthalene	13.53	162	1388724	44.52	nq	97
47) 2-Nitroaniline	13.73	65	392385	49.25	nq #	53
48) Acenaphthylene	14.37	152	2281666	45.48	nq	99
49) Dimethylphthalate	14.10	163	1864401	46.49	nq	98
50) 2,6-Dinitrotoluene	14.21	165	458582	48.90	nq #	60
51) Acenaphthene	14.70	154	1463496	45.84	nq	99
52) 3-Nitroaniline	14.56	138	133697	13.07	nq #	61
53) 2,4-Dinitrophenol	14.76	184	595620	104.01	nq #	74
54) Dibenzofuran	15.04	168	2241692	45.05	nq	91
55) 4-Nitrophenol	14.91	139	677368	78.45	nq #	39
56) 2,4-Dinitrotoluene	15.00	165	656486	49.30	nq #	68
57) Fluorene	15.68	166	1881305	45.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	548443	45.90	nq #	95
59) Diethylphthalate	15.45	149	1861006	45.65	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	958292	46.86	nq	89
61) 4-Nitroaniline	15.72	138	363390	33.32	nq #	51
62) Azobenzene	15.96	77	1455560	46.27	nq	76
64) 4,6-Dinitro-2-methylphenol	15.76	198	418170	51.15	nq	84
65) n-Nitrosodiphenylamine	15.89	169	1258294	36.03	nq	98
66) 4-Bromophenyl-phenylether	16.56	248	658896	49.82	nq	92
67) Hexachlorobenzene	16.69	284	693414	47.69	nq #	89
68) Atrazine	16.83	200	116183	8.51	nq	98
69) Pentachlorophenol	17.04	266	796786	90.70	nq	95
70) Phenanthrene	17.42	178	2847557	45.69	nq	97
71) Anthracene	17.51	178	2961409	45.98	nq	96
72) Carbazole	17.78	167	1844879	29.91	nq	97
73) Di-n-butylphthalate	18.32	149	3050394	44.11	nq #	95
74) Fluoranthene	19.42	202	3106749	42.99	nq	97
76) Benzidine	19.66	184	24899	4.40	nq #	86
77) Pyrene	19.78	202	3130550	47.02	nq	95
79) Butylbenzylphthalate	20.65	149	1432610	50.01	nq #	84
80) Benzo(a)anthracene	21.60	228	3117204	46.67	nq	97
81) 3,3'-Dichlorobenzidine	21.52	252	87395	3.16	nq #	99
82) Chrysene	21.67	228	2885312	46.94	nq	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	2030929	49.19	nq	93
84) Di-n-octyl phthalate	22.69	149	3433533	49.81	nq #	82
85) Indeno(1,2,3-cd)pyrene	28.41	276	4046014	48.01	nq #	87
87) Benzo(b)fluoranthene	23.78	252	3384810	52.19	nq #	94
88) Benzo(k)fluoranthene	23.85	252	3250097	51.99	nq #	96
89) Benzo(a)pyrene	24.65	252	3169778	50.63	nq #	96
90) Dibenzo(a,h)anthracene	28.47	278	3458501	53.78	nq #	93
91) Benzo(g,h,i)perylene	29.55	276	3301613	51.34	nq #	88

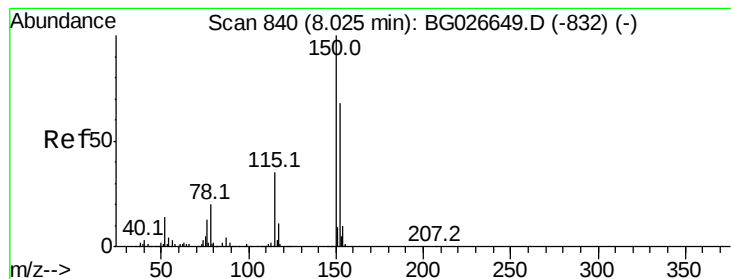
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

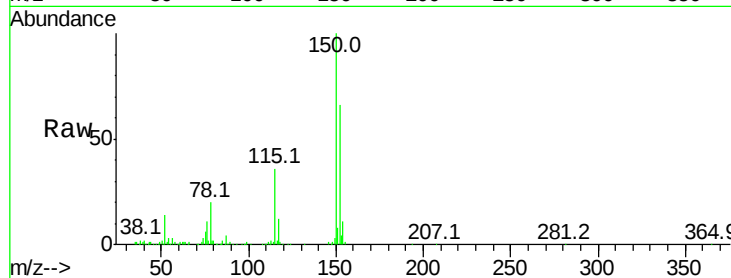
Tot Ion:152 Resp: 179214

Ion Ratio Lower Upper

152 100

150 152.5 114.0 171.0

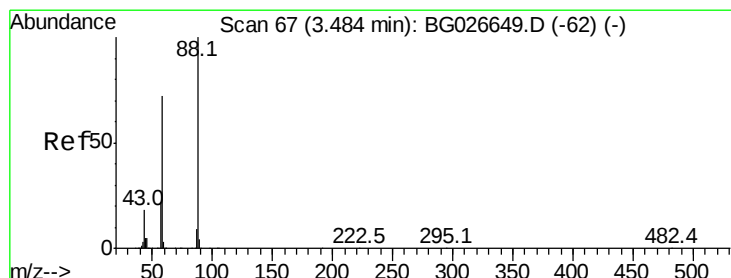
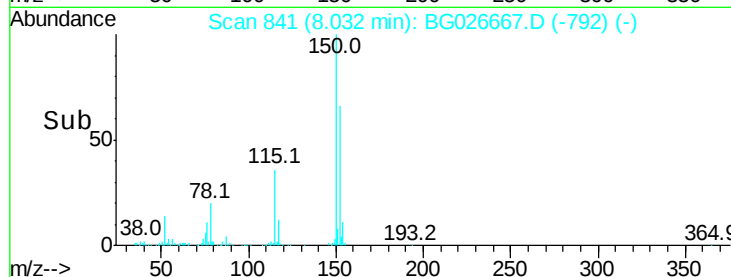
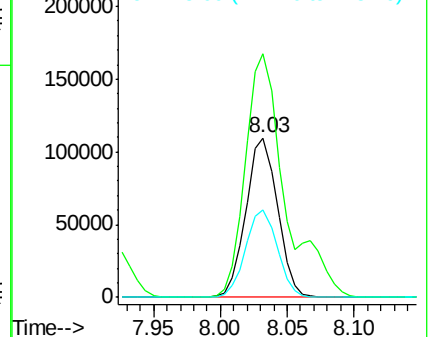
115 54.9 48.1 72.1



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: 25.64 ng

RT: 3.50 min Scan# 69

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

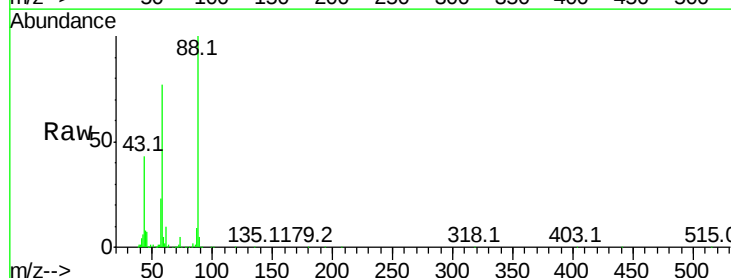
Tgt Ion: 88 Resp: 132167

Ion Ratio Lower Upper

88 100

58 75.8 79.4 119.2#

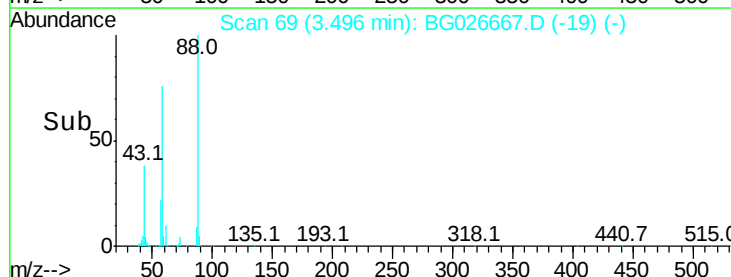
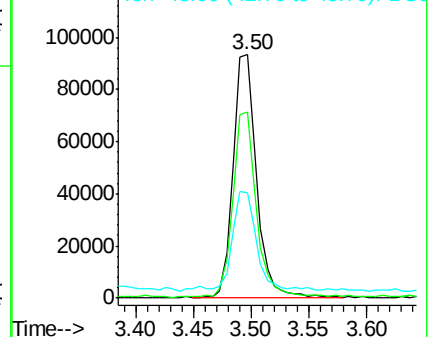
43 38.7 33.8 50.6

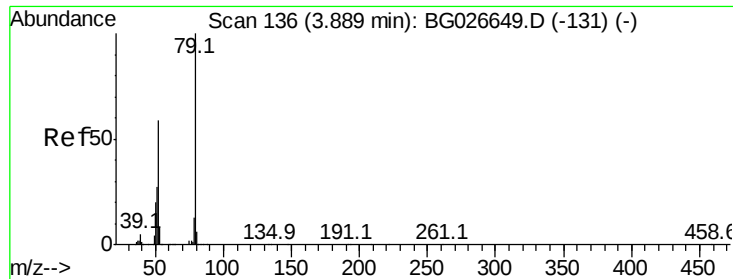


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 48.67 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

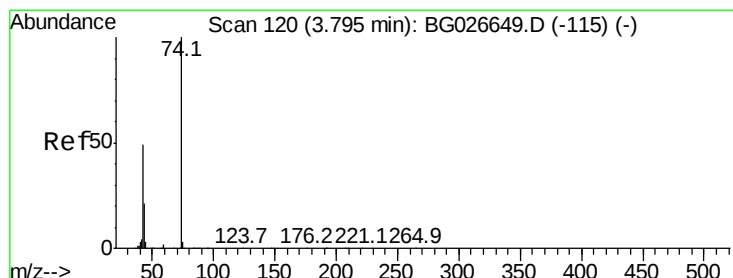
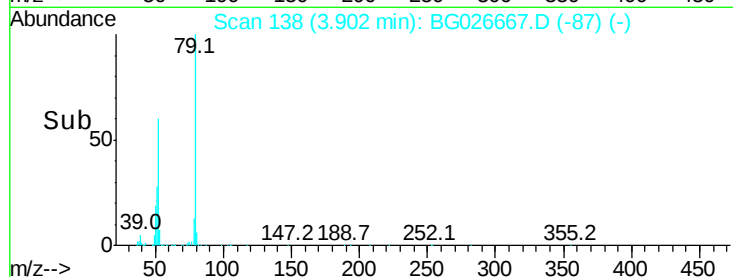
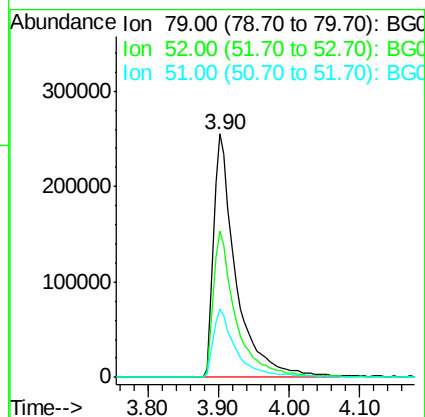
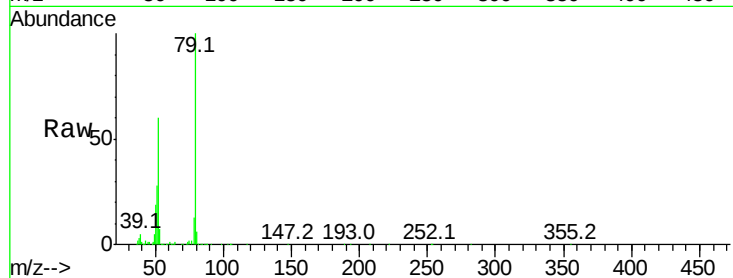
Tot Ion: 79 Resp: 561678

Ion Ratio Lower Upper

79 100

52 60.0 77.8 116.6#

51 27.8 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 41.14 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

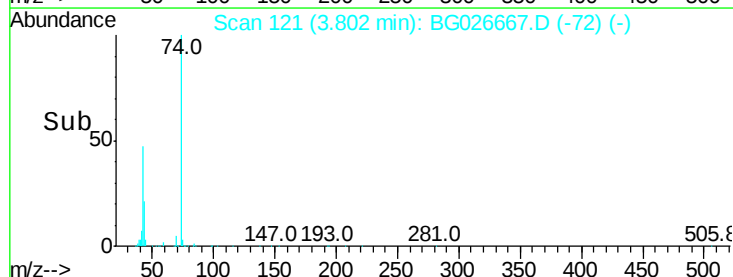
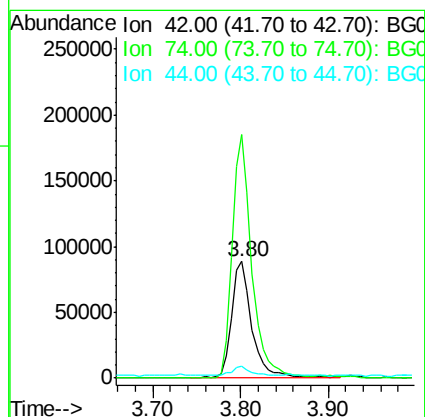
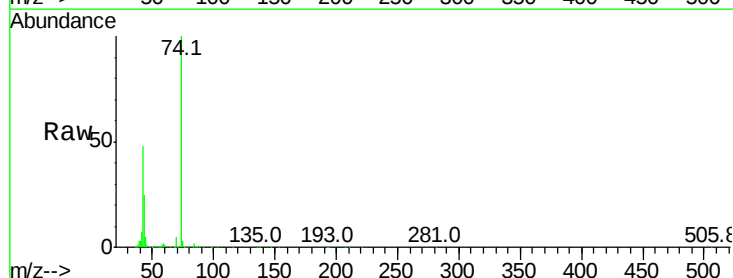
Tgt Ion: 42 Resp: 138115

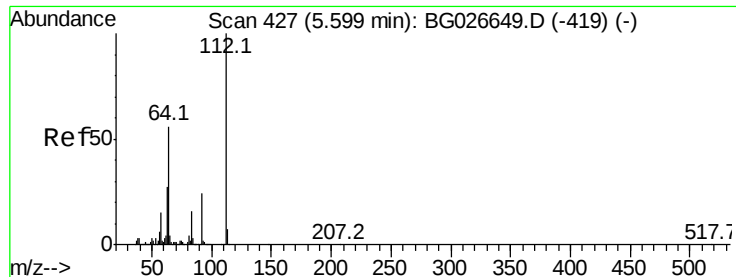
Ion Ratio Lower Upper

42 100

74 209.4 76.7 115.1#

44 10.0 6.1 9.1#





#5

2-Fluorophenol

Concen: 144.67 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

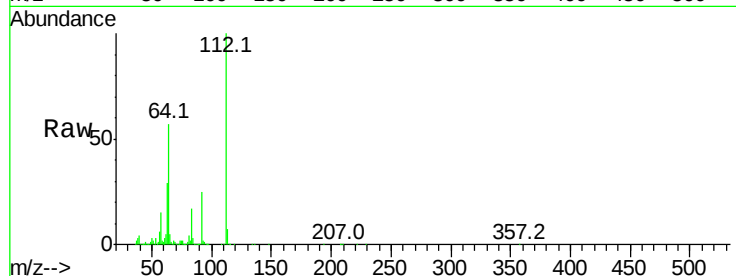
Tot Ion:112 Resp: 1426223

Ion Ratio Lower Upper

112 100

64 56.6 61.8 92.6#

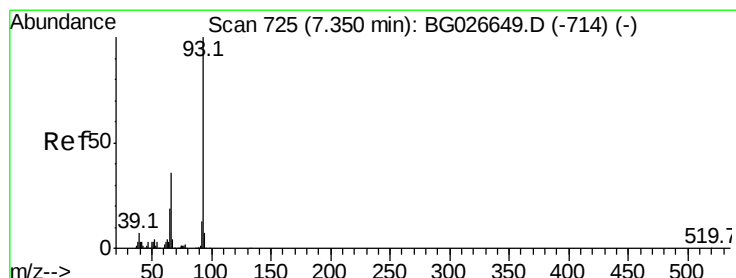
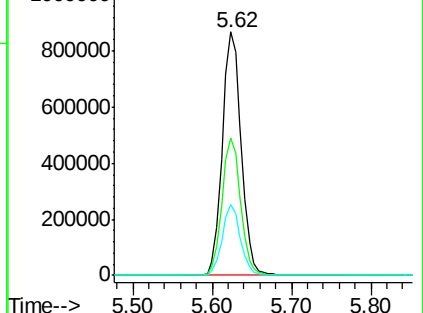
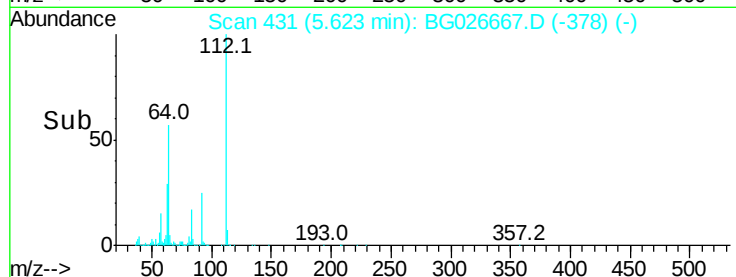
63 28.9 37.2 55.8#



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: 12.94 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

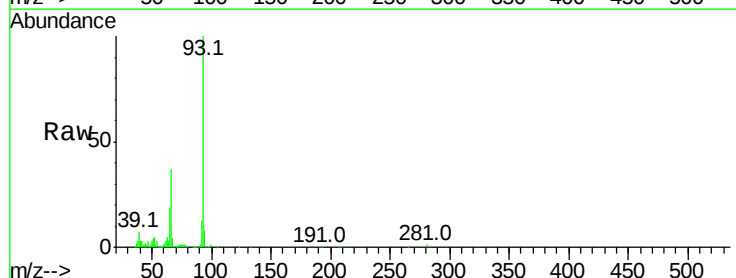
Tgt Ion: 93 Resp: 208808

Ion Ratio Lower Upper

93 100

66 37.4 35.4 53.2

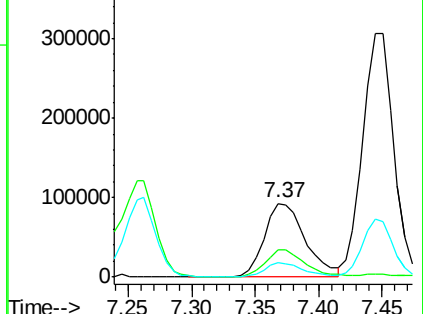
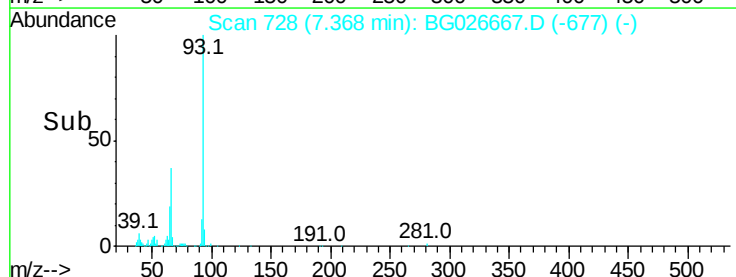
65 19.4 21.2 31.8#

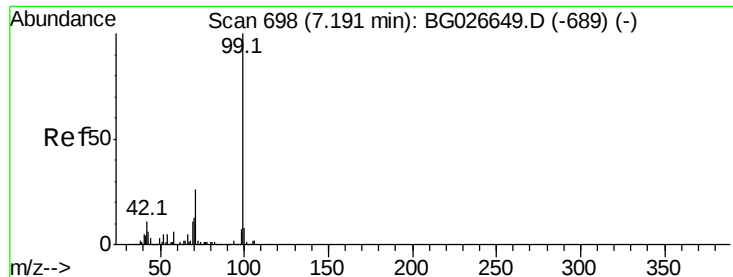


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.36 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

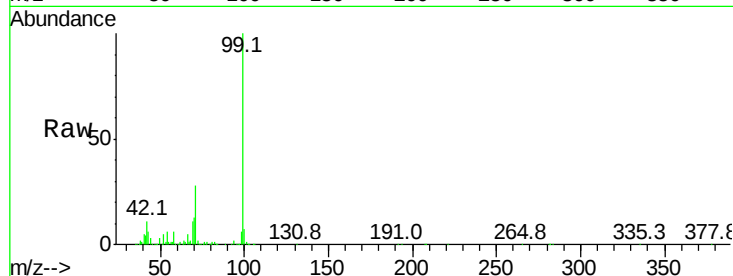
Tot Ion: 99 Resp: 1877747

Ion Ratio Lower Upper

99 100

42 11.2 20.5 30.7#

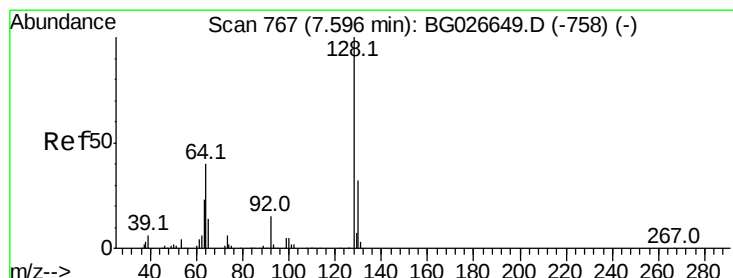
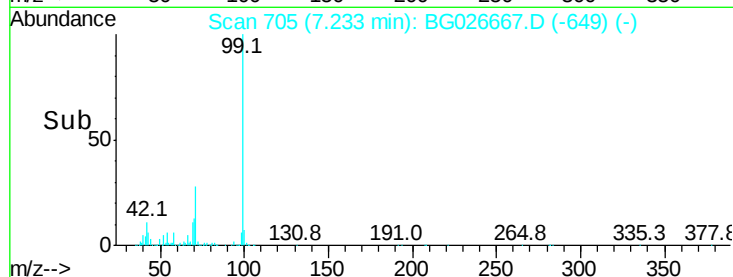
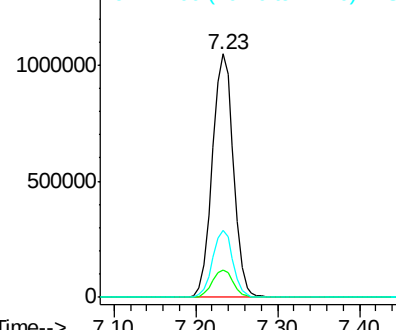
71 27.5 37.6 56.4#



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: 49.24 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

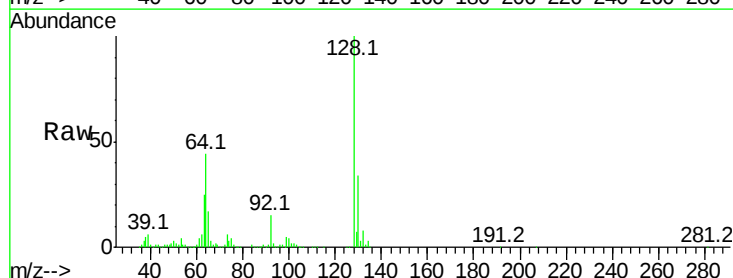
Tgt Ion: 128 Resp: 579254

Ion Ratio Lower Upper

128 100

130 33.6 11.4 51.4

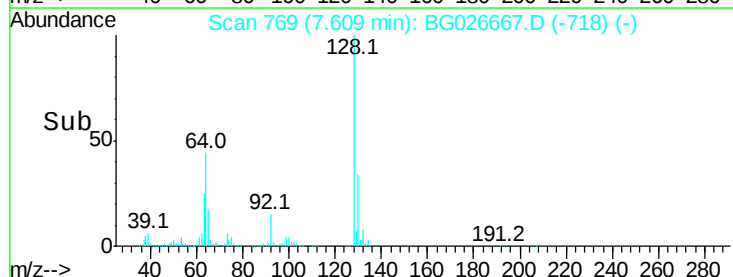
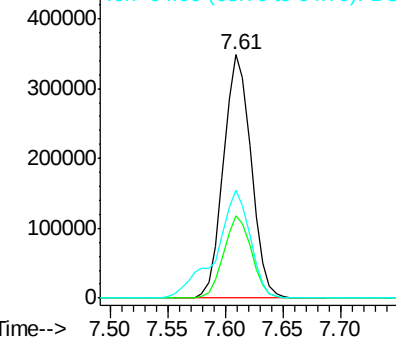
64 44.5 46.6 86.6#

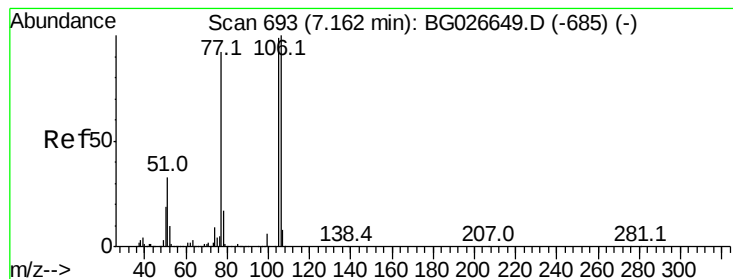


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 7.31 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

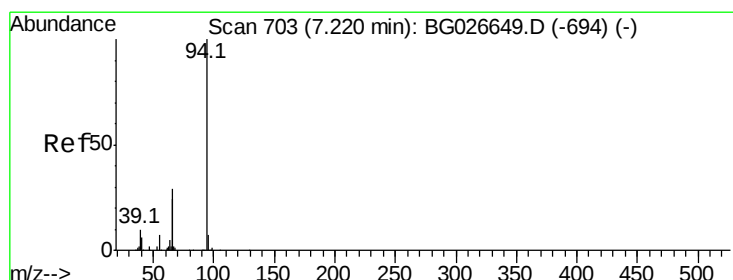
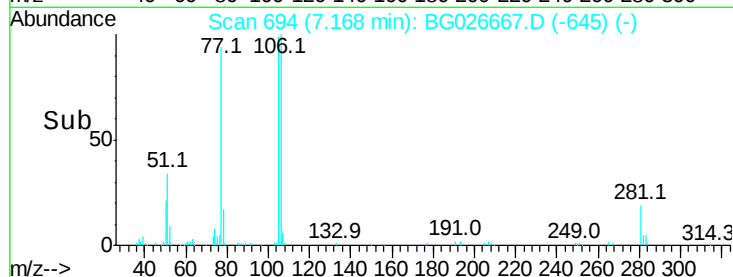
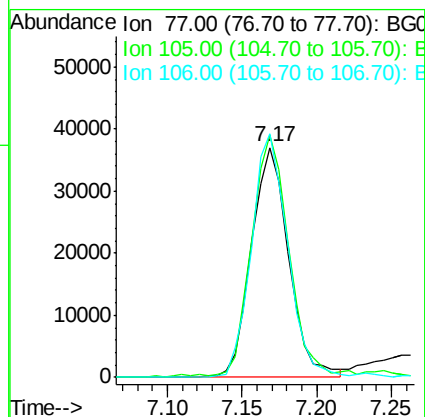
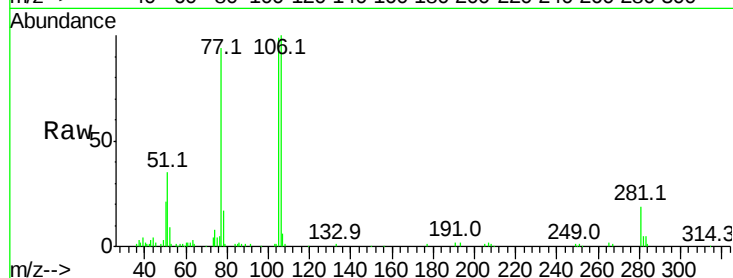
Tot Ion: 77 Resp: 64004

Ion Ratio Lower Upper

77 100

105 105.3 60.9 100.9#

106 106.1 55.1 95.1#



#10

Phenol

Concen: 47.62 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

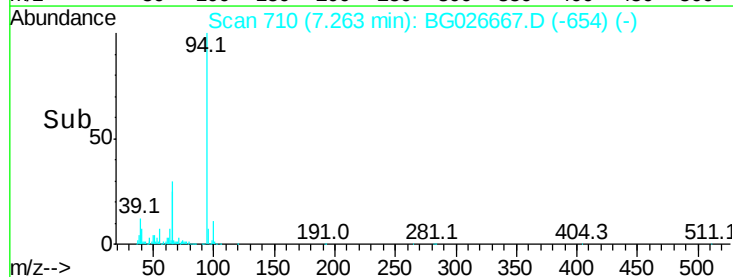
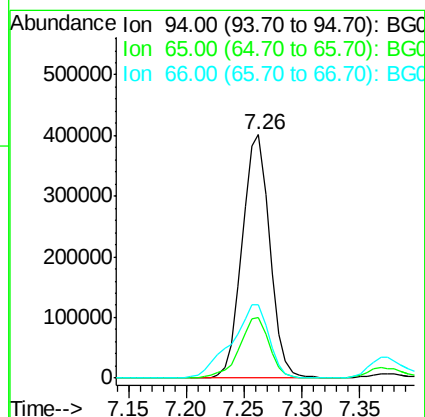
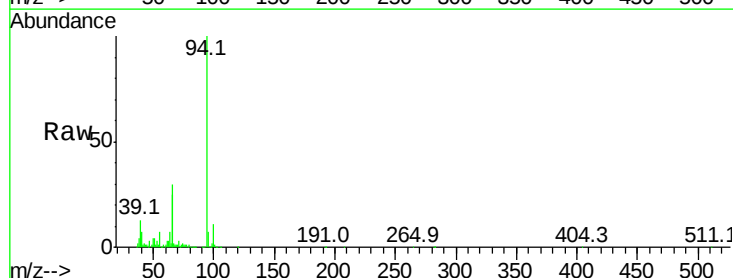
Tgt Ion: 94 Resp: 669336

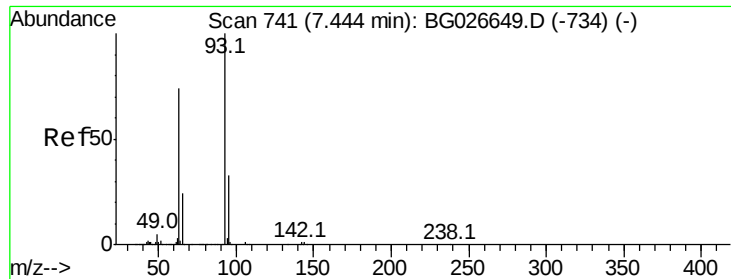
Ion Ratio Lower Upper

94 100

65 24.9 20.6 60.6

66 30.0 35.5 75.5#

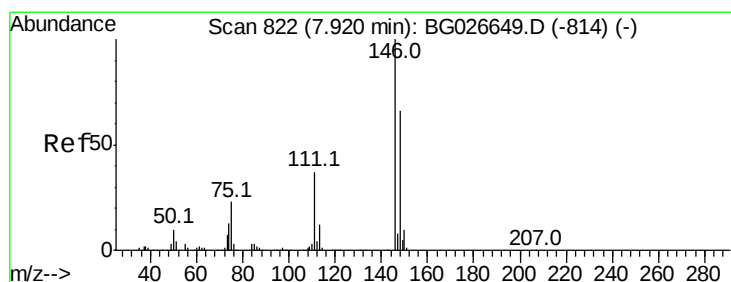
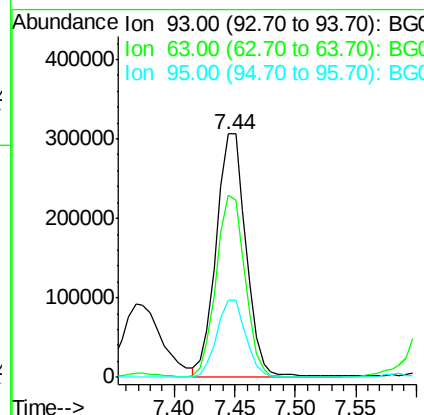
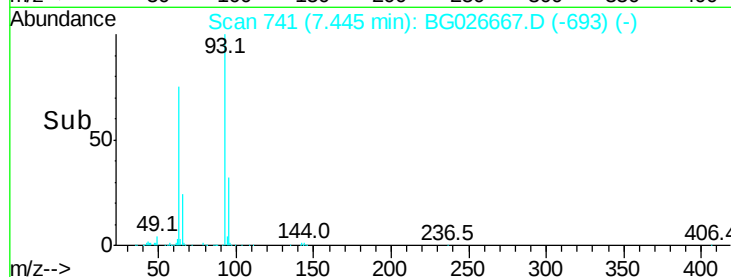
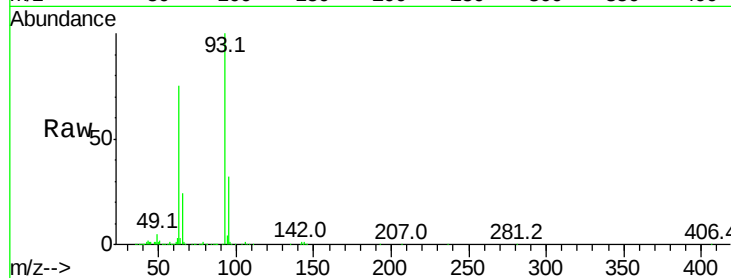




#11
 bis(2-Chloroethyl)ether
 Concen: 46.88 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

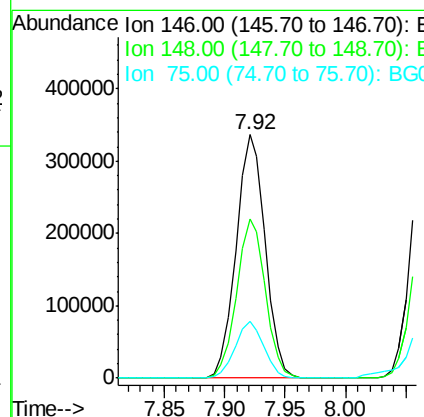
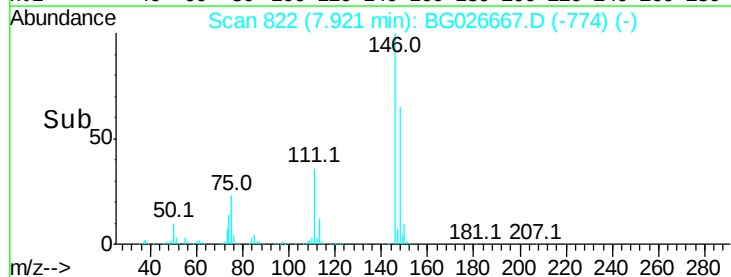
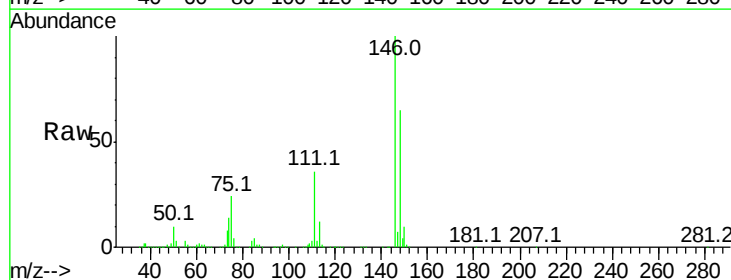
Instrument :
 BNA_G
 ClientSampleId :

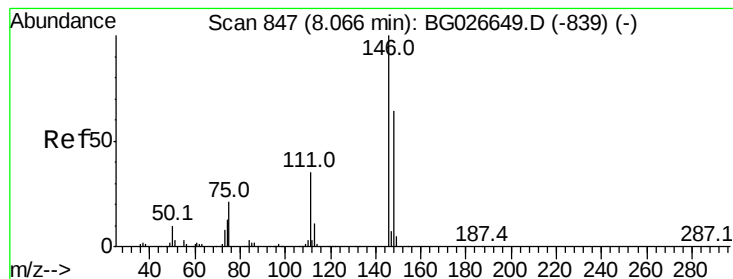
Tot Ion: 93 Resp: 524527
 Ion Ratio Lower Upper
 93 100
 63 75.1 78.5 118.5#
 95 31.9 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 40.57 ng
 RT: 7.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion: 146 Resp: 562470
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.2 73.8
 75 23.6 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 40.80 ng

RT: 8.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

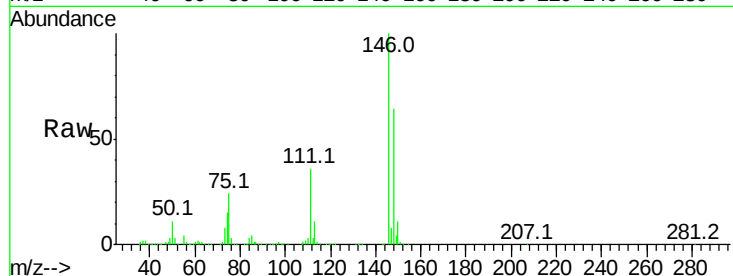
Tot Ion:146 Resp: 574565

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

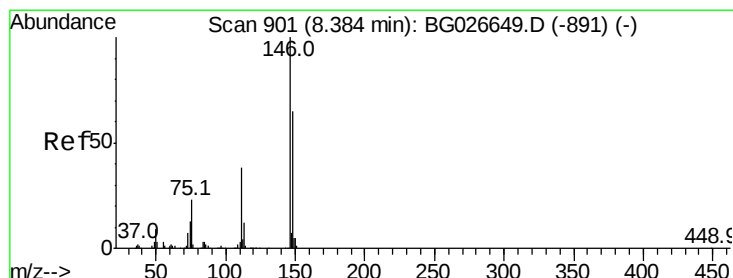
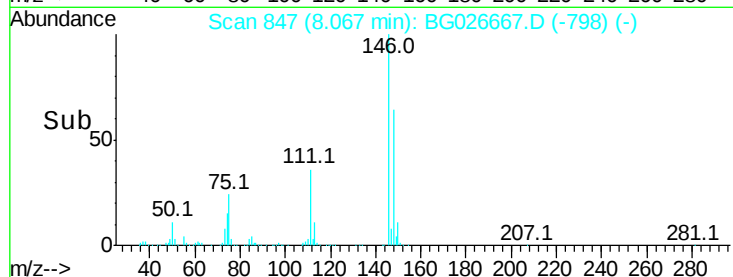
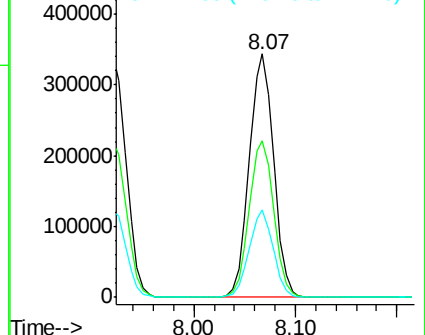
111 36.1 37.0 55.6#



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: 41.93 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

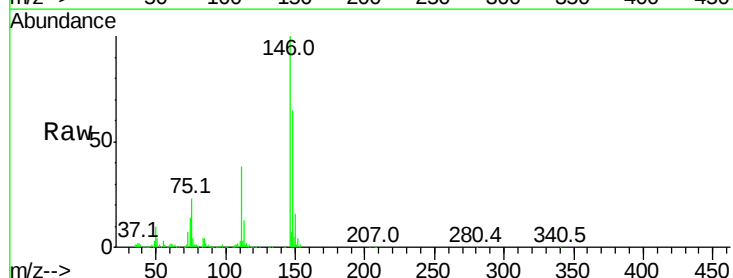
Tgt Ion:146 Resp: 557916

Ion Ratio Lower Upper

146 100

148 65.3 54.6 81.8

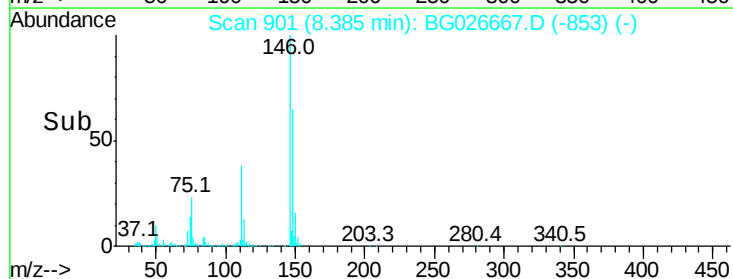
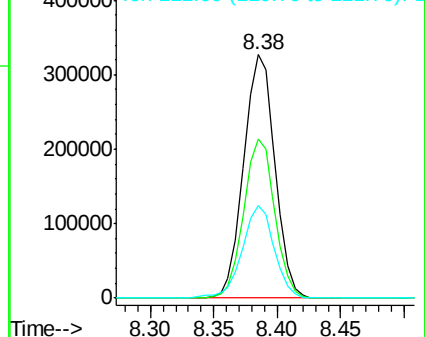
111 38.0 39.7 59.5#

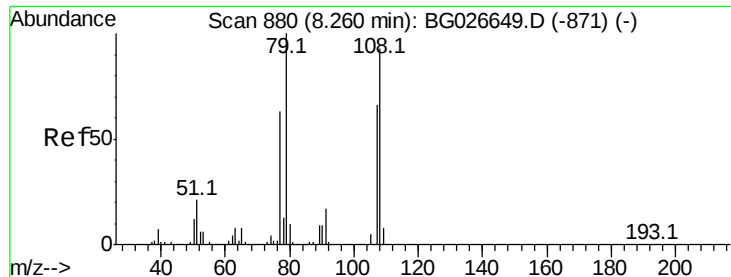


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.68 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

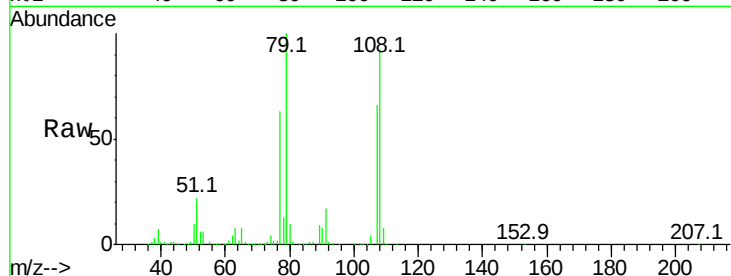
Tot Ion: 79 Resp: 417455

Ion Ratio Lower Upper

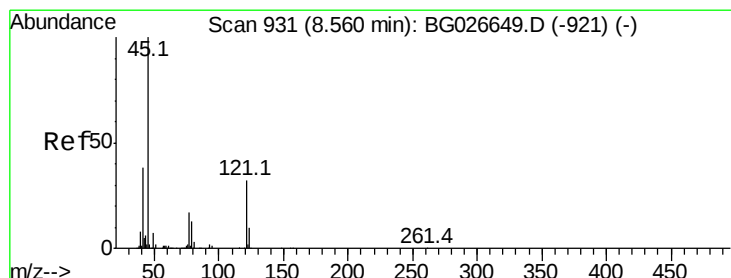
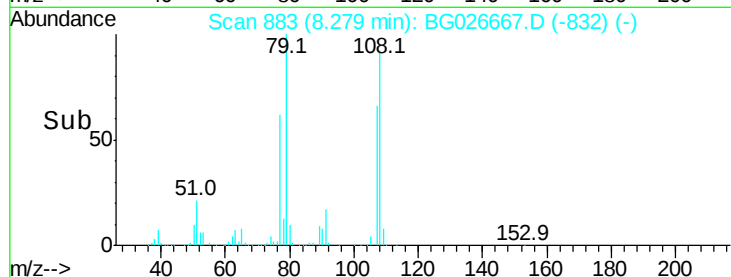
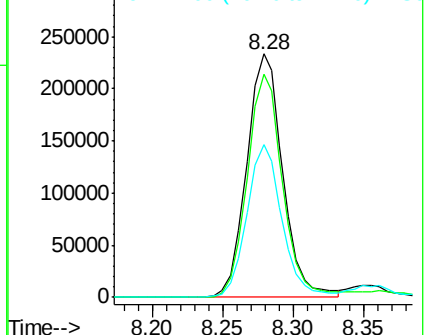
79 100

108 91.6 45.5 68.3#

77 62.5 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.58 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

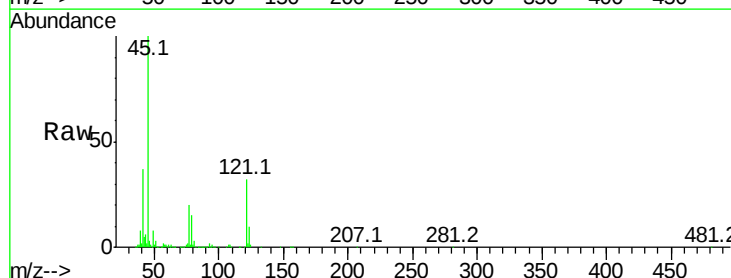
Tgt Ion: 45 Resp: 482534

Ion Ratio Lower Upper

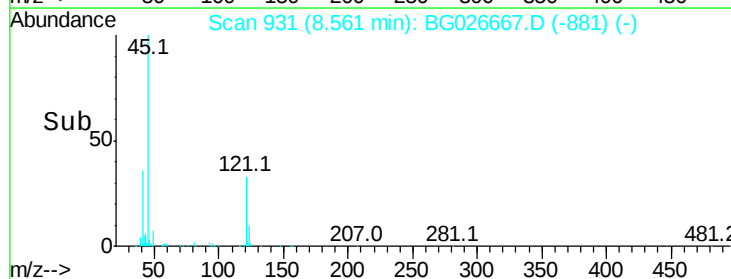
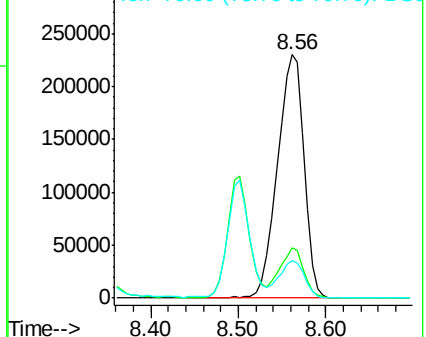
45 100

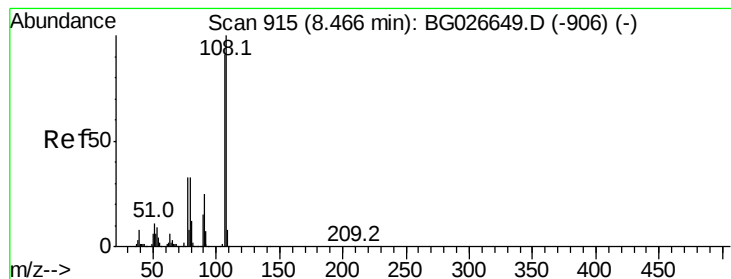
77 20.4 0.0 30.6

79 15.4 0.0 28.5



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

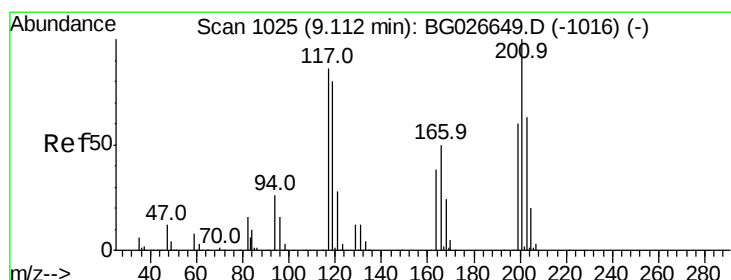
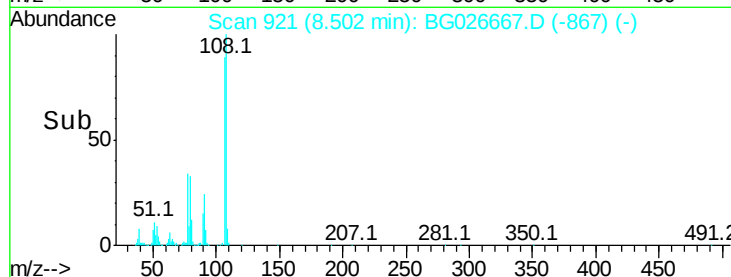
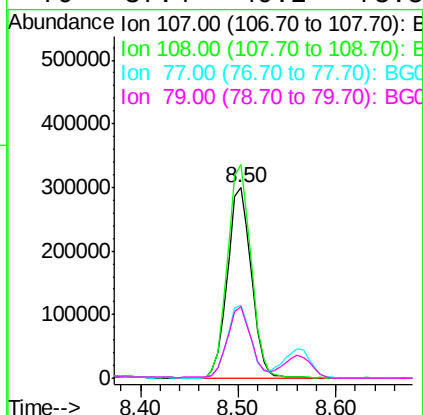
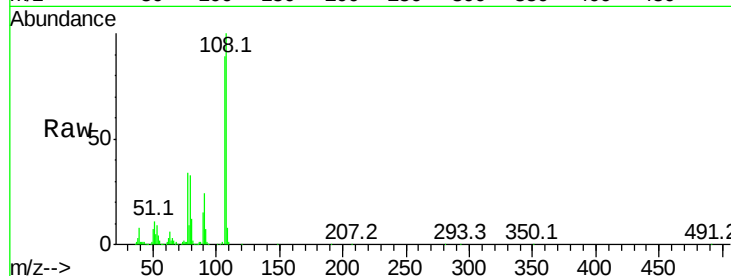




#17
2-Methylphenol
Concen: 51.56 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

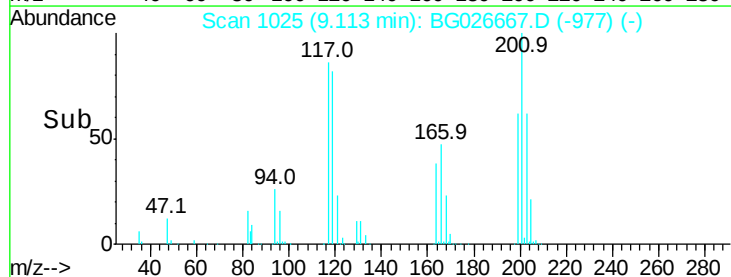
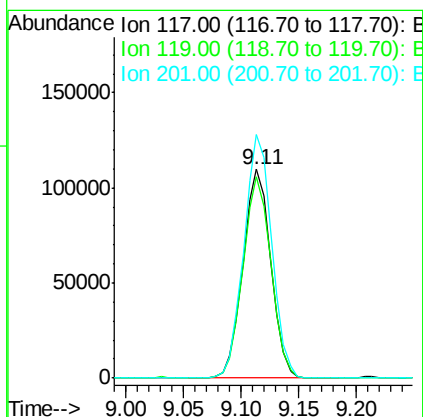
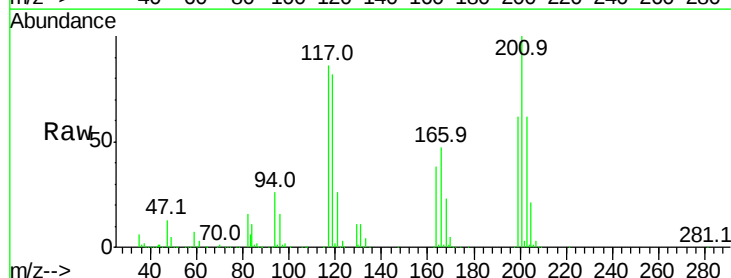
Instrument :
BNA_G
ClientSampleId :

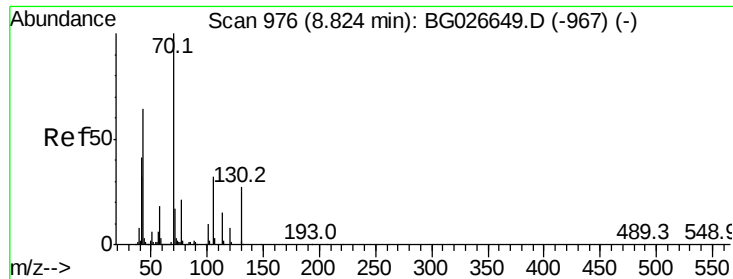
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	85.6	128.4
77	38.5	51.4	77.2#
79	37.4	49.2	73.8#



#18
Hexachloroethane
Concen: 41.33 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	69.8	104.6
201	116.8	95.4	143.0





#19

n-Nitroso-di-n-propylamine

Concen: 47.38 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.02 min

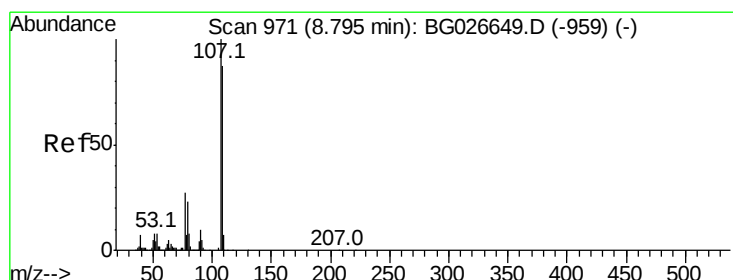
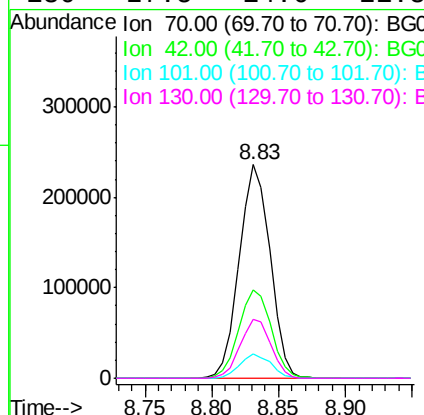
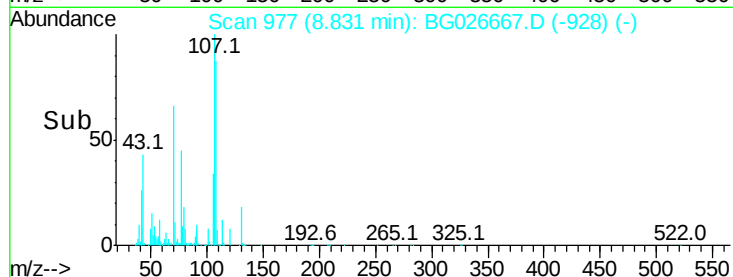
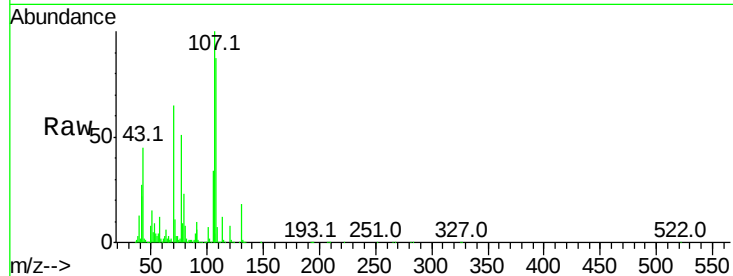
Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 379406

Ion	Ratio	Lower	Upper
70	100		
42	41.3	56.1	84.1#
101	11.4	7.5	11.3#
130	27.5	14.6	21.8#



#20

3+4-Methylphenols

Concen: 51.73 ng

RT: 8.83 min Scan# 977

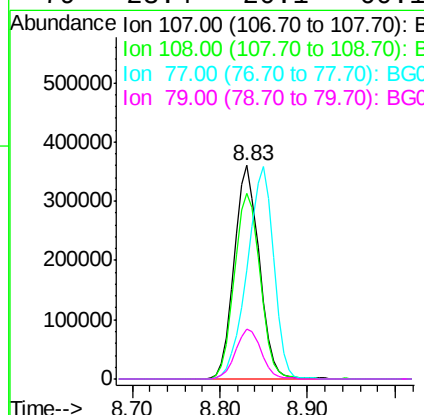
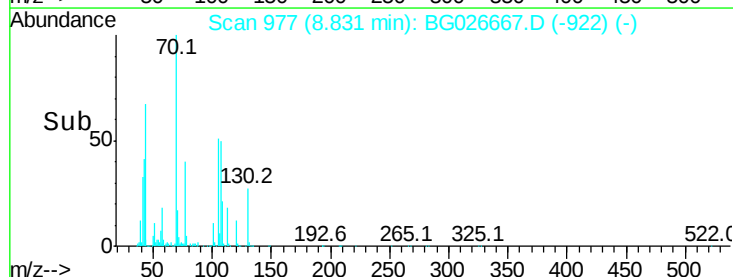
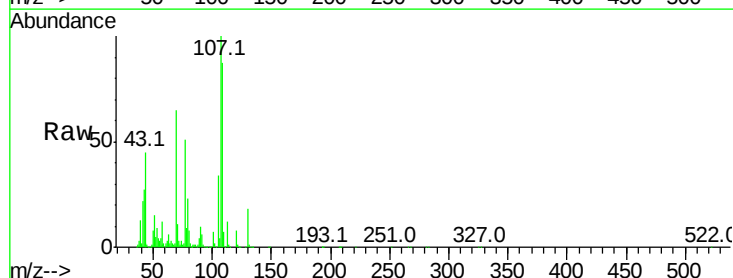
Delta R.T. 0.02 min

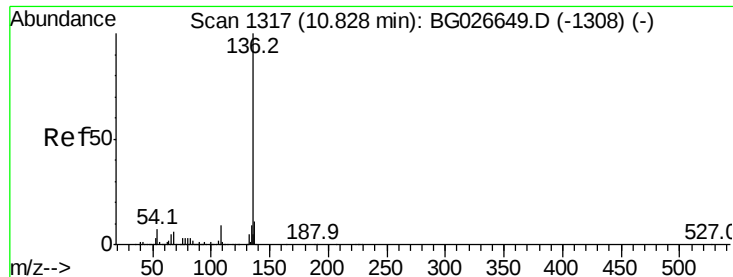
Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion: 107 Resp: 700061

Ion	Ratio	Lower	Upper
107	100		
108	86.9	70.8	110.8
77	50.9	25.8	65.8
79	23.4	20.1	60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 794355

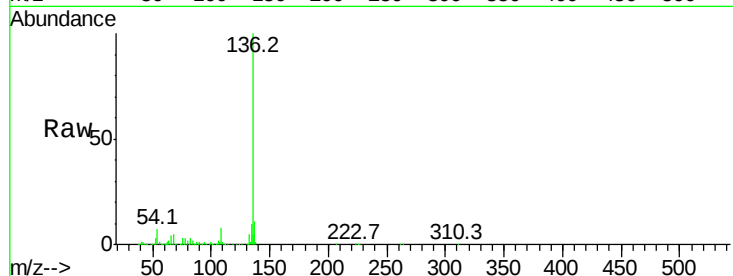
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.9 9.3 13.9#

68 5.3 5.1 7.7

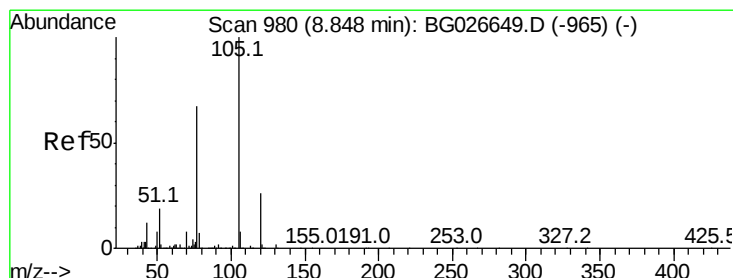
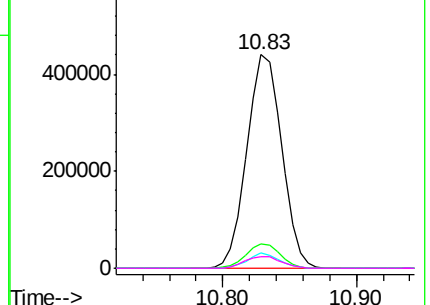
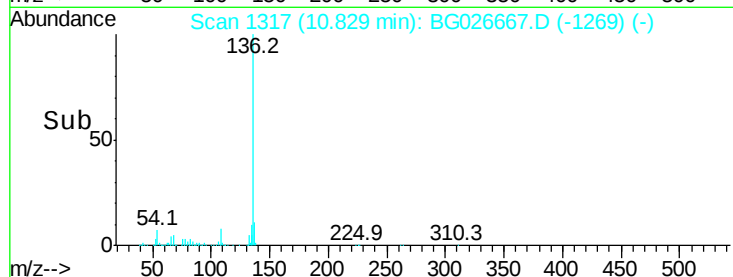


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 44.19 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:105 Resp: 802136

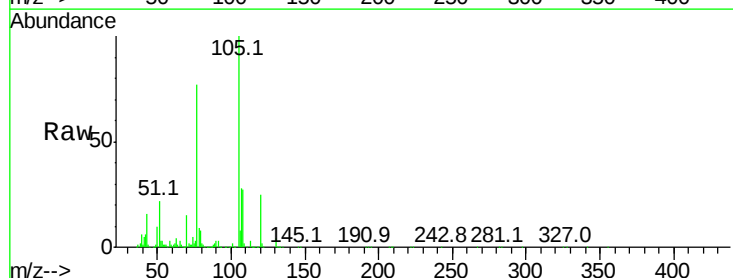
Ion Ratio Lower Upper

105 100

71 2.5 0.9 1.3#

51 21.6 34.0 51.0#

120 24.9 17.3 25.9

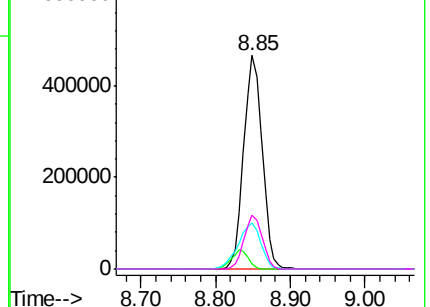
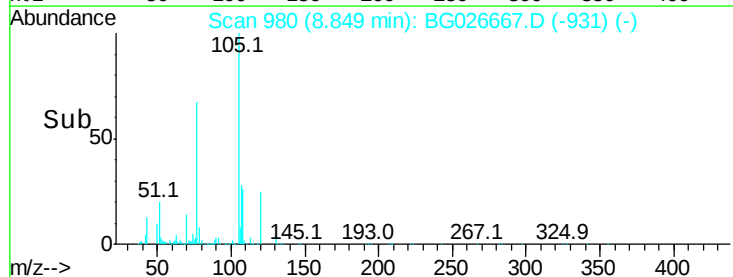


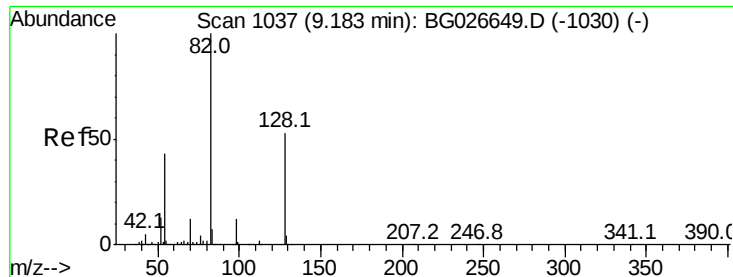
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

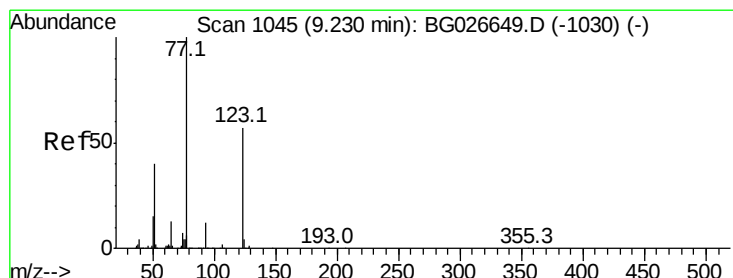
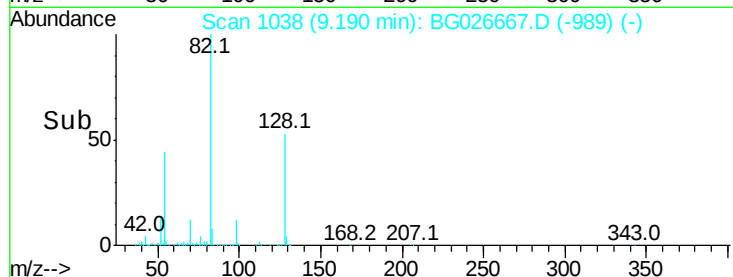
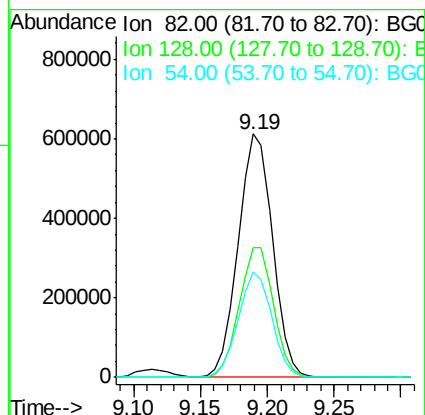
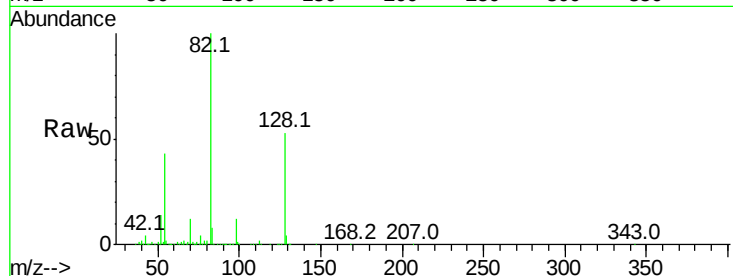




#23
 Nitrobenzene-d5
 Concen: 95.80 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

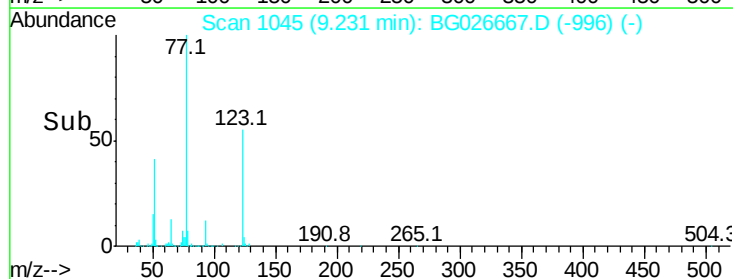
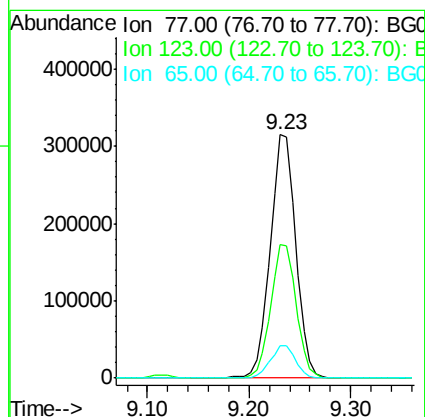
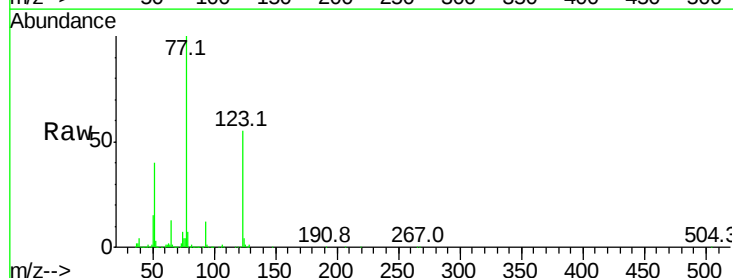
Instrument :
 BNA_G
 ClientSampleId :

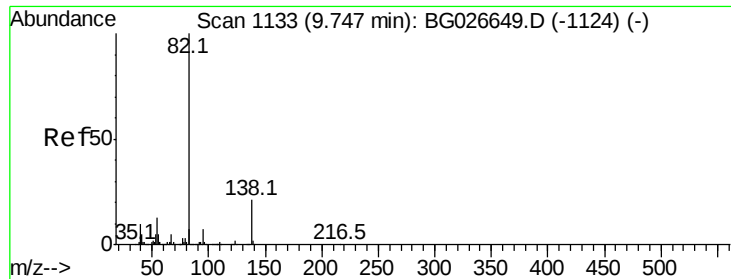
Tot Ion: 82 Resp: 1090564
 Ion Ratio Lower Upper
 82 100
 128 53.1 26.4 39.6#
 54 43.5 49.4 74.2#



#24
 Nitrobenzene
 Concen: 45.87 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion: 77 Resp: 552982
 Ion Ratio Lower Upper
 77 100
 123 55.0 26.1 39.1#
 65 13.5 12.4 18.6





#25

Isophorone

Concen: 46.26 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

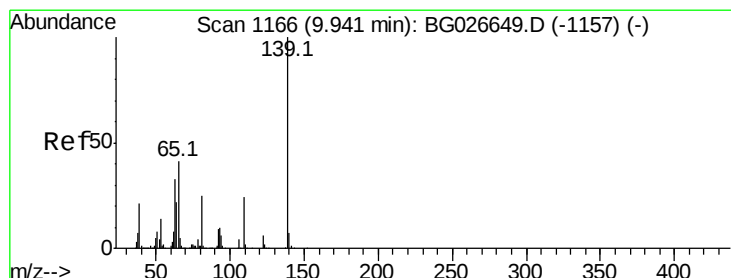
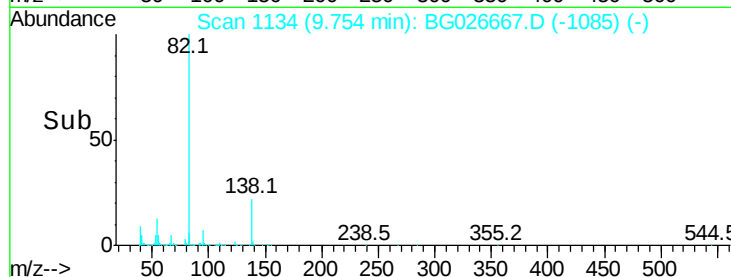
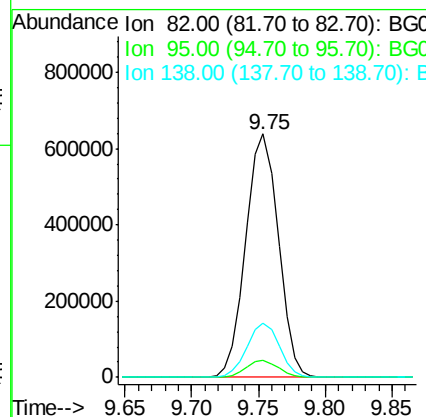
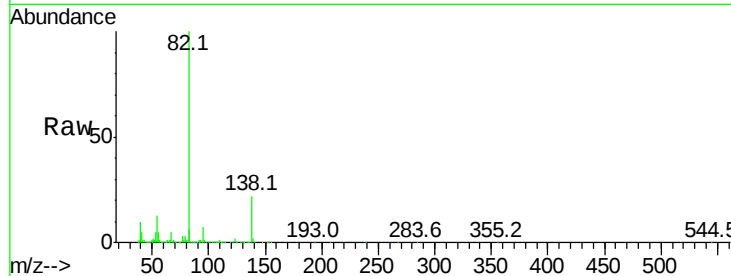
Tot Ion: 82 Resp: 1079560

Ion Ratio Lower Upper

82 100

95 6.9 7.5 11.3#

138 22.3 12.3 18.5#



#26

2-Nitrophenol

Concen: 47.66 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

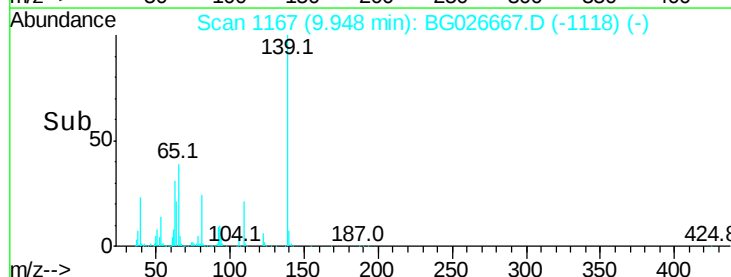
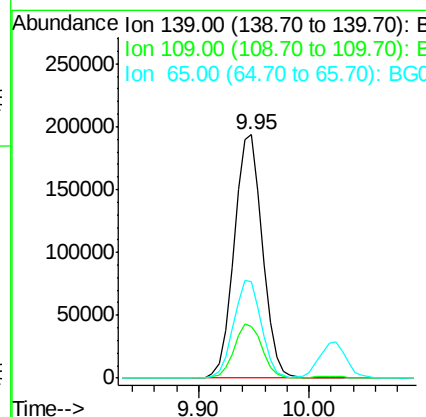
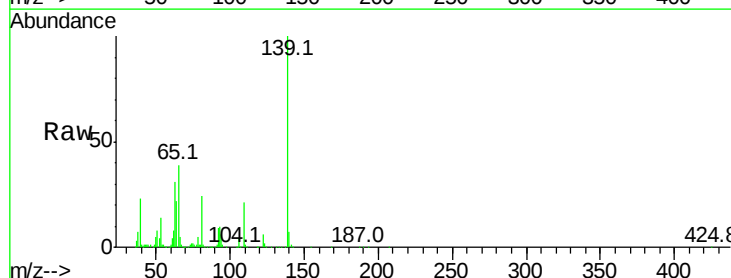
Tgt Ion: 139 Resp: 348059

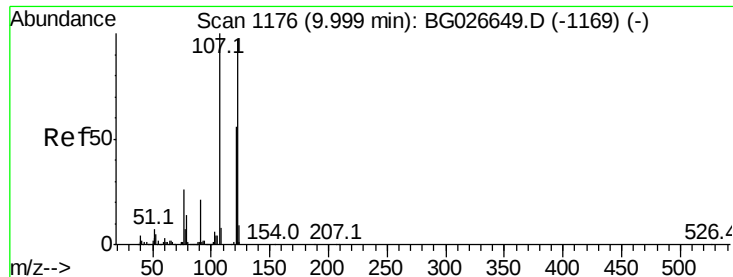
Ion Ratio Lower Upper

139 100

109 21.2 38.6 58.0#

65 39.5 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 50.71 ng

RT: 10.02 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

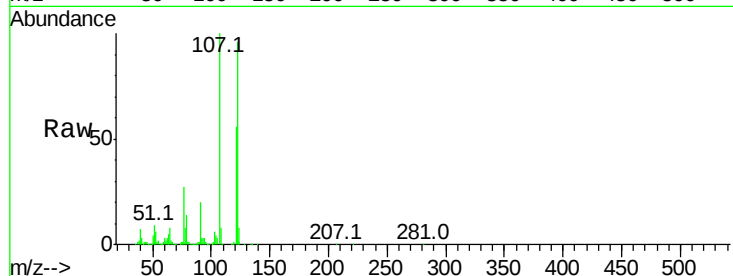
Tot Ion:122 Resp: 597764

Ion Ratio Lower Upper

122 100

107 104.5 104.2 156.4

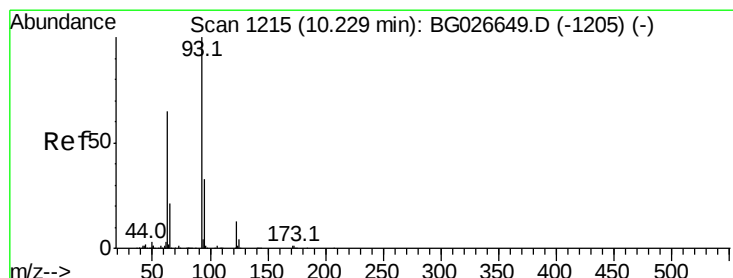
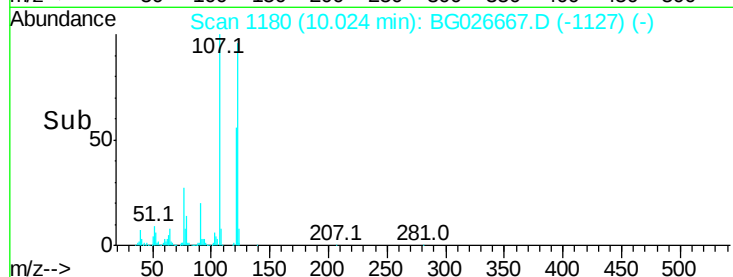
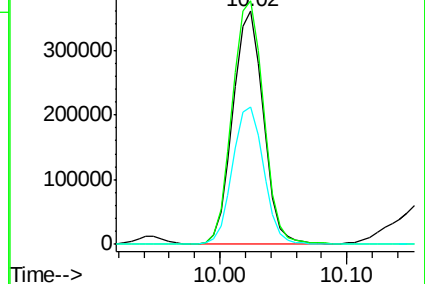
121 58.7 46.0 69.0



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: 45.65 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

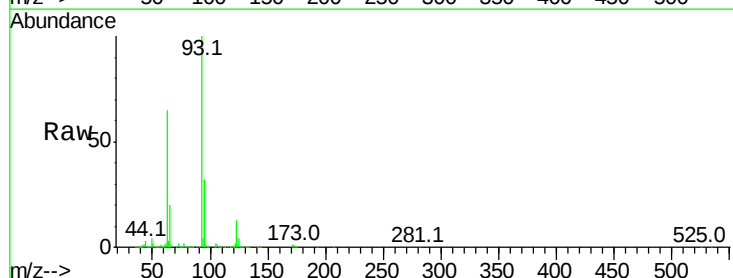
Tgt Ion: 93 Resp: 696304

Ion Ratio Lower Upper

93 100

95 31.6 25.7 38.5

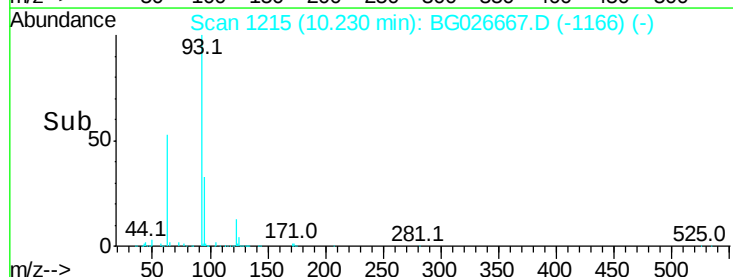
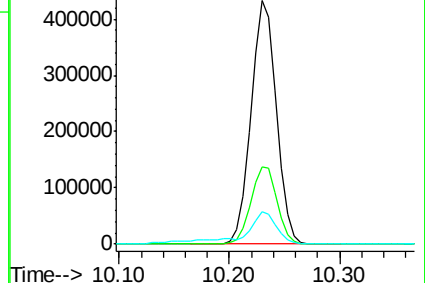
123 13.1 8.3 12.5#

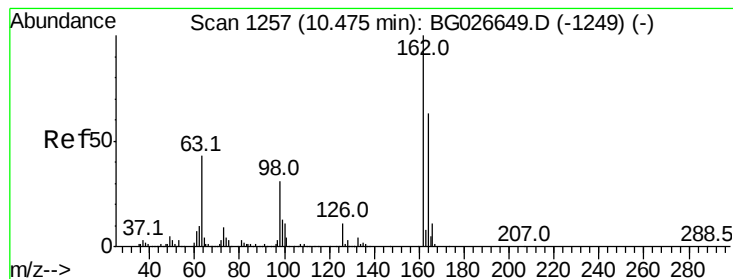


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 53.60 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

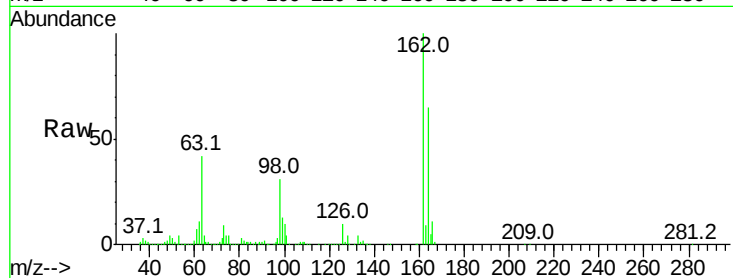
Tot Ion:162 Resp: 660793

Ion Ratio Lower Upper

162 100

164 64.7 42.4 82.4

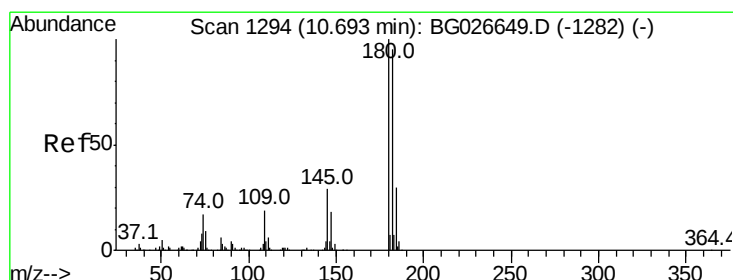
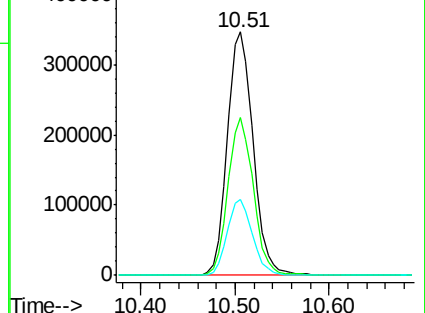
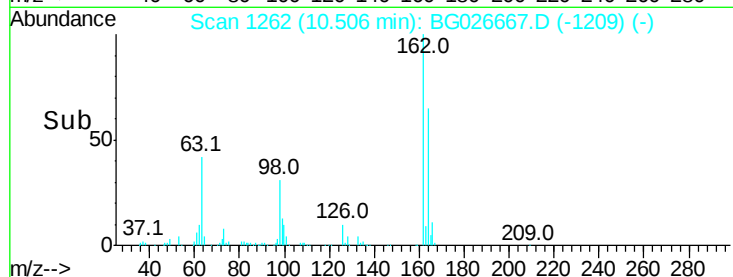
98 31.3 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.33 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

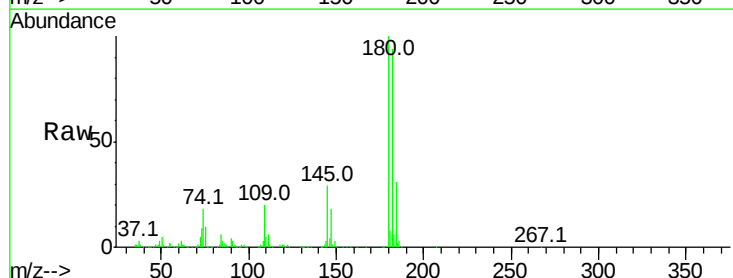
Tgt Ion:180 Resp: 595486

Ion Ratio Lower Upper

180 100

182 93.9 77.0 115.4

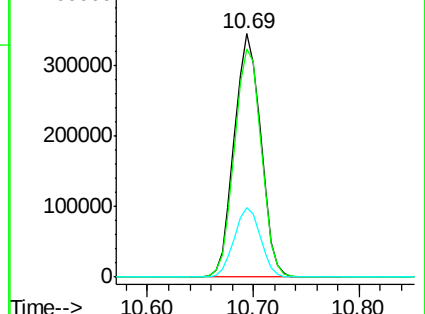
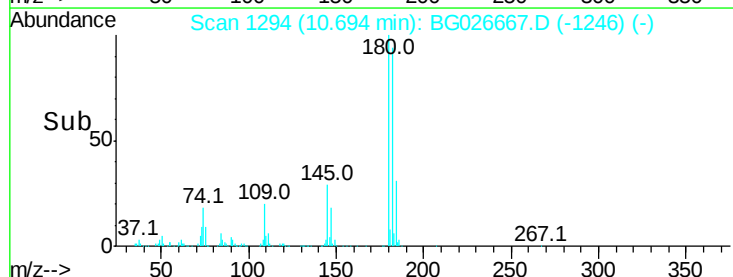
145 28.7 23.4 35.0

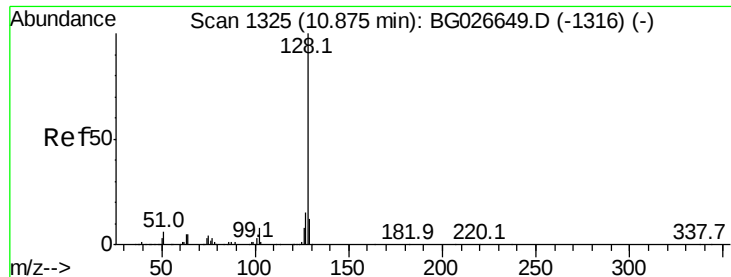


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

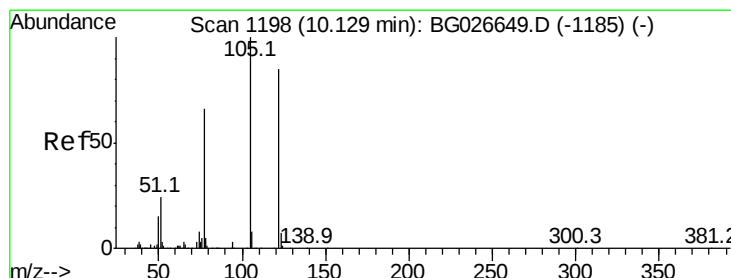
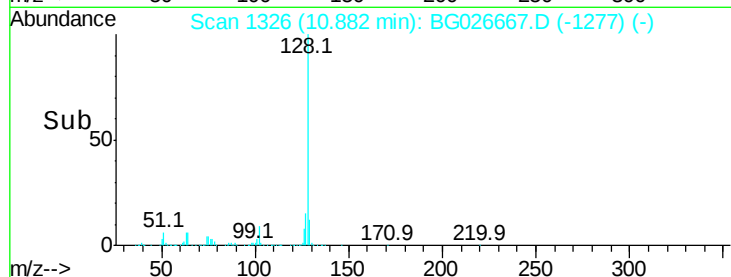
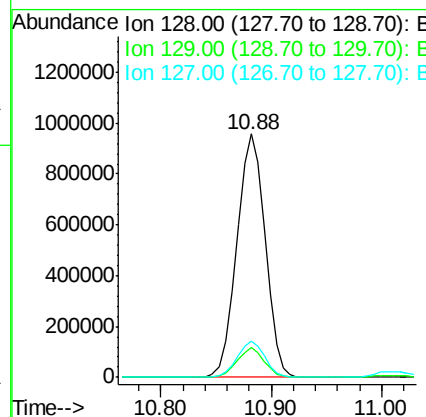
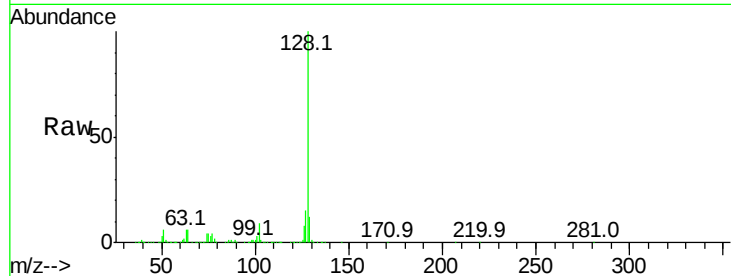




#31
Naphthalene
Concen: 44.25 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

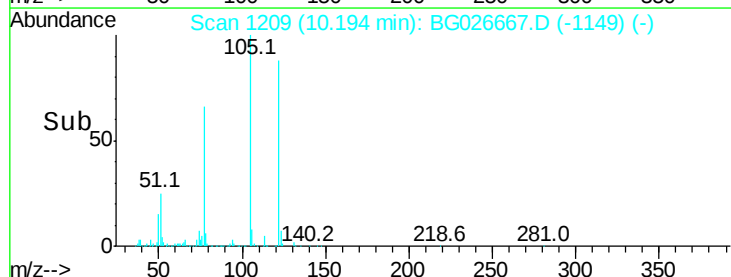
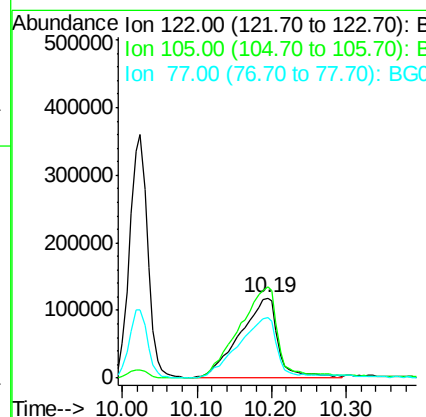
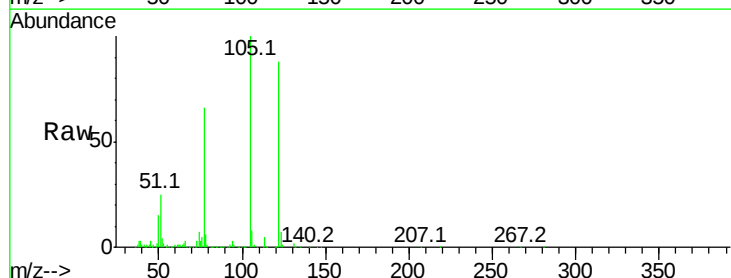
Instrument :
BNA_G
ClientSampleId :

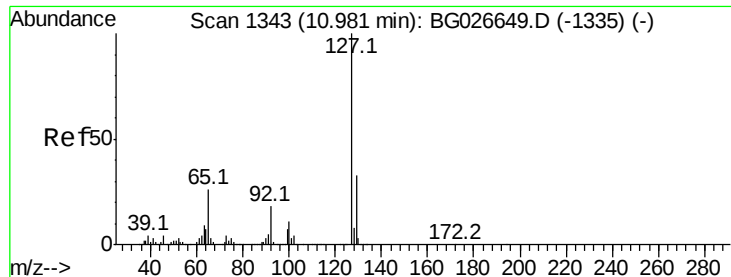
Tot Ion:128 Resp: 1725341
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 15.0 11.4 17.0



#32
Benzoic acid
Concen: 50.07 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.05 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:122 Resp: 417968
Ion Ratio Lower Upper
122 100
105 113.7 120.1 160.1#
77 75.4 104.6 144.6#

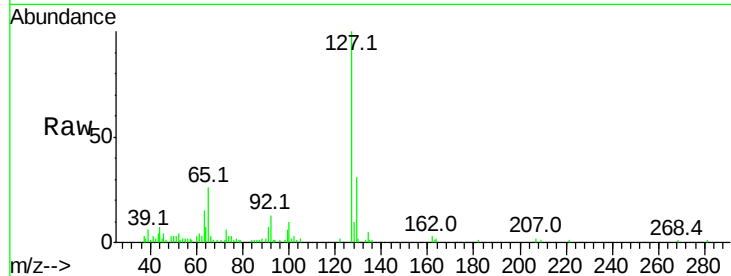




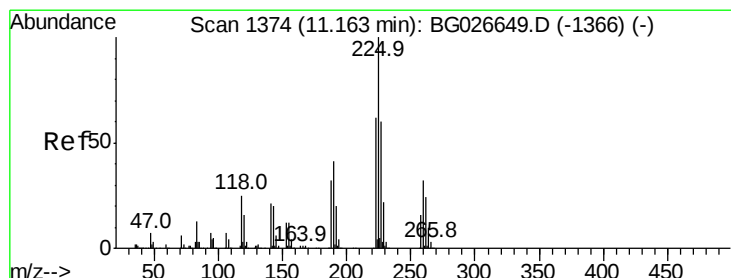
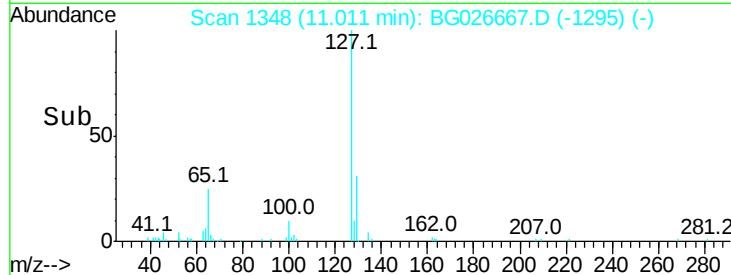
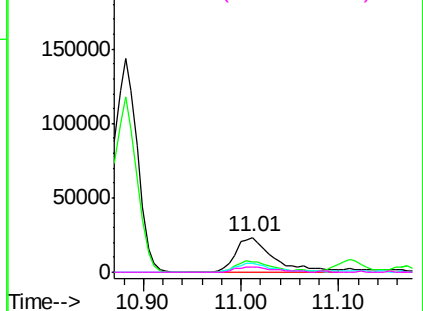
#33
4-Chloroaniline
Concen: 3.80 ng
RT: 11.01 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 63601
Ion Ratio Lower Upper
127 100
129 31.1 23.6 35.4
65 26.4 37.7 56.5#
92 13.5 17.6 26.4#

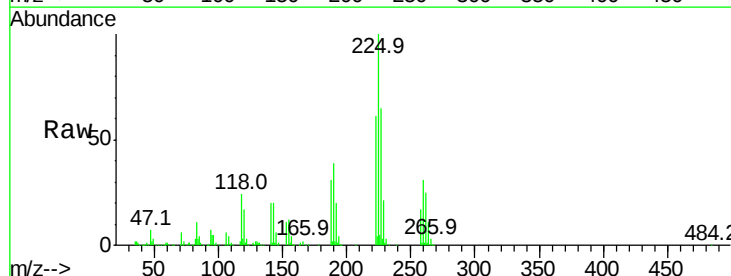


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

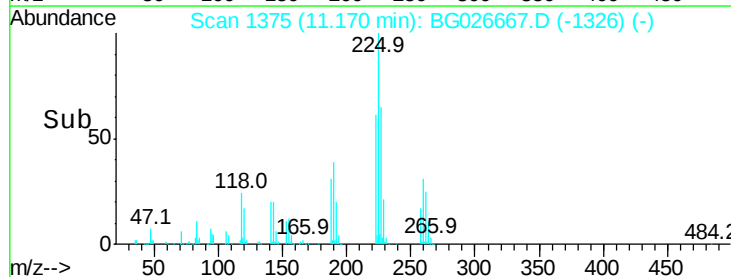
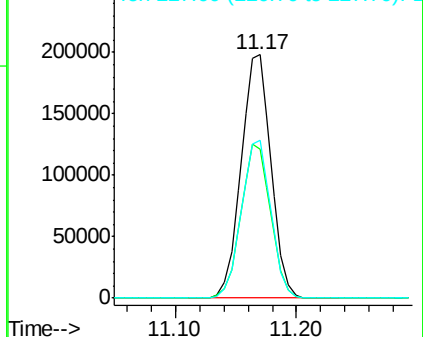


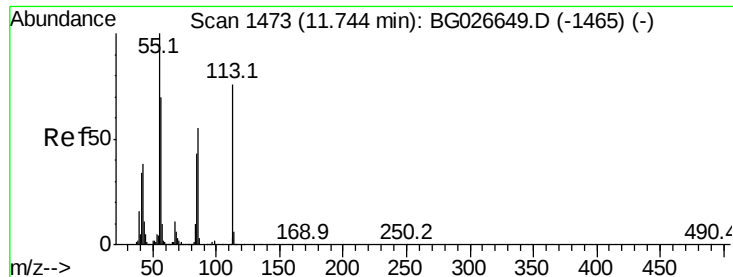
#34
Hexachlorobutadiene
Concen: 43.30 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:225 Resp: 340247
Ion Ratio Lower Upper
225 100
223 61.1 50.7 76.1
227 64.6 49.0 73.6



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: 37.99 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

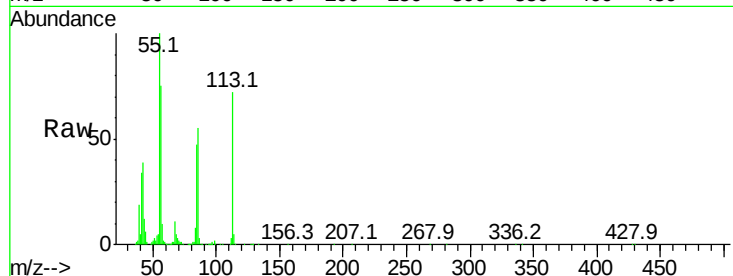
Tot Ion:113 Resp: 181892

Ion Ratio Lower Upper

113 100

55 139.1 198.6 238.6#

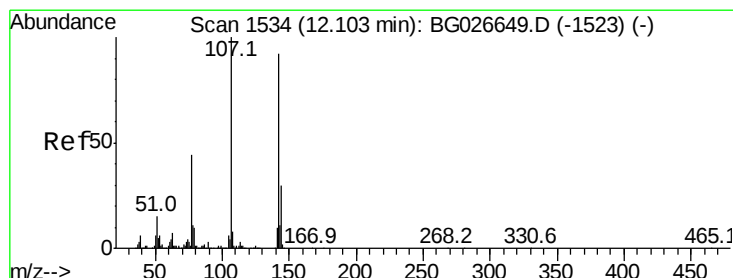
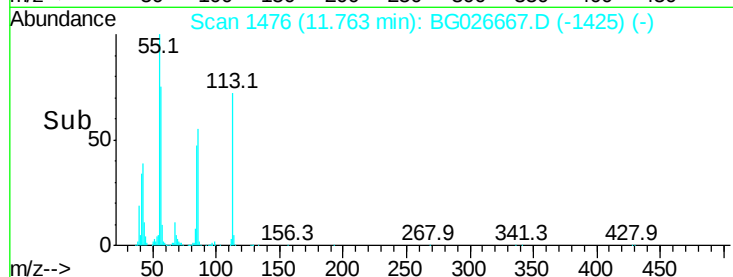
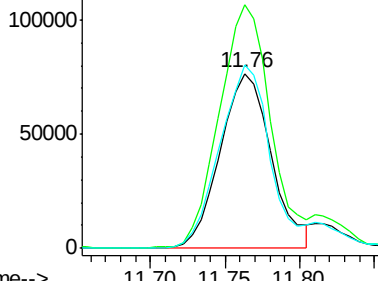
56 104.8 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.76 ng

RT: 12.15 min Scan# 1541

Delta R.T. 0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

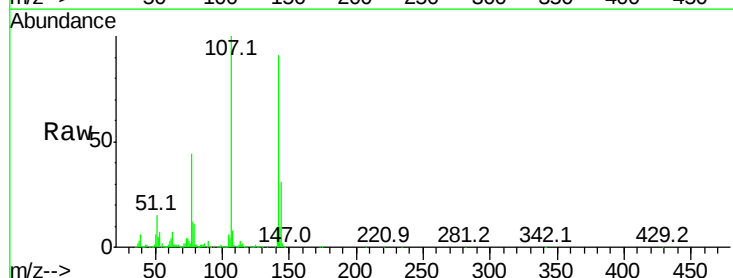
Tgt Ion:107 Resp: 667528

Ion Ratio Lower Upper

107 100

144 31.4 17.4 26.0#

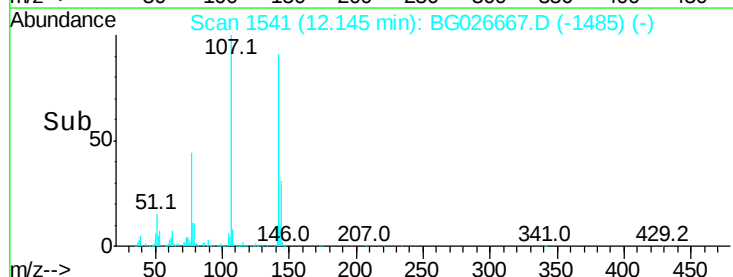
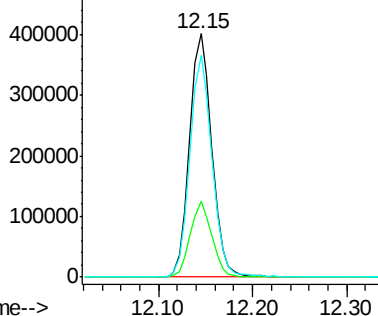
142 91.3 54.1 81.1#

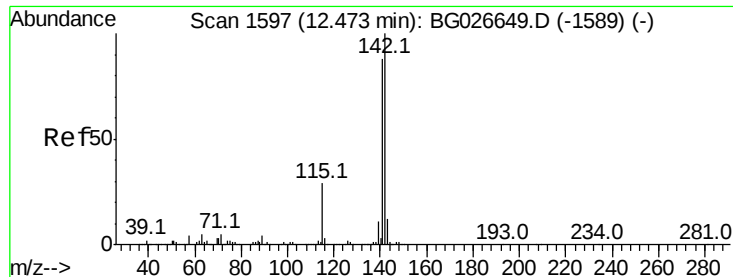


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.08 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

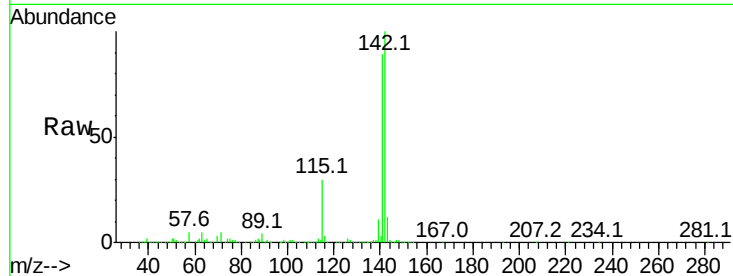
Tot Ion:142 Resp: 1382600

Ion Ratio Lower Upper

142 100

141 89.0 70.4 105.6

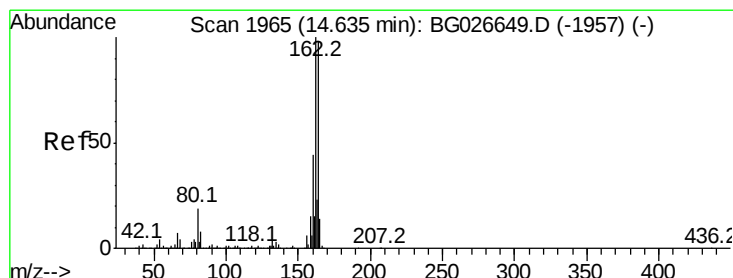
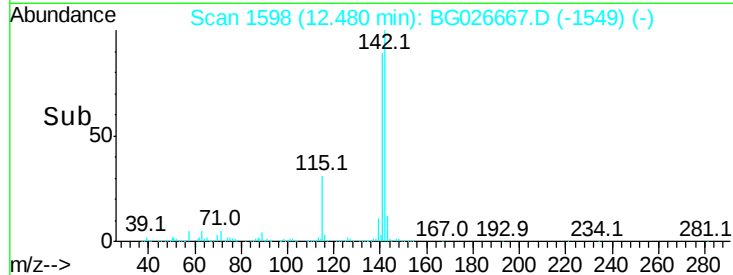
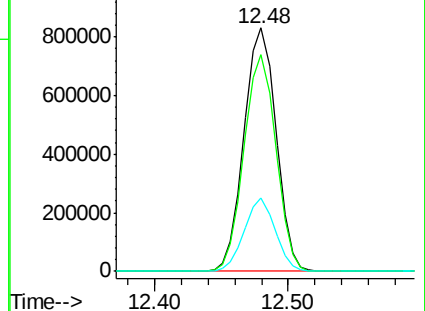
115 30.4 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

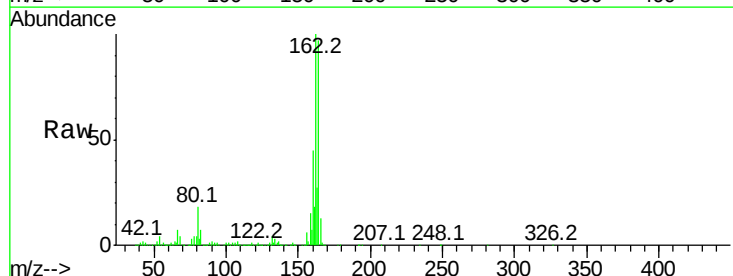
Tgt Ion:164 Resp: 506587

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

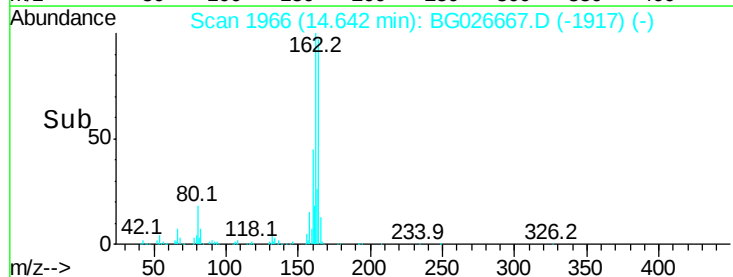
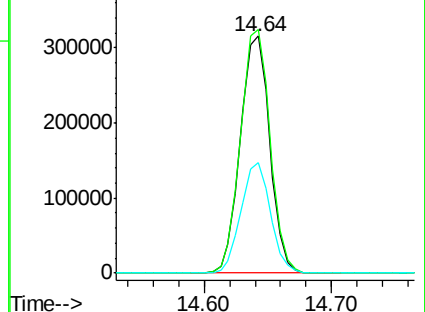
160 46.5 34.7 52.1

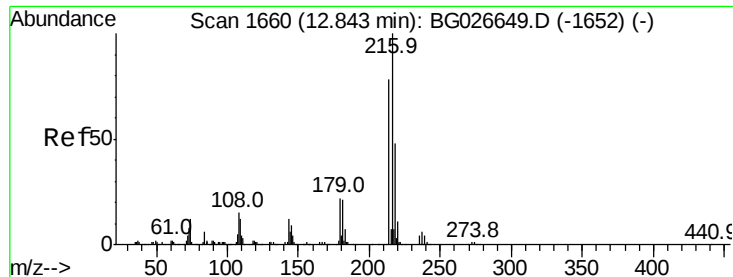


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

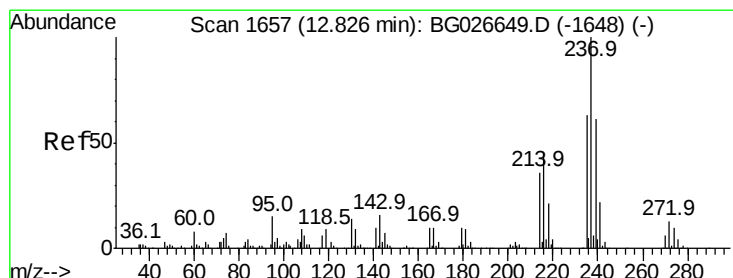
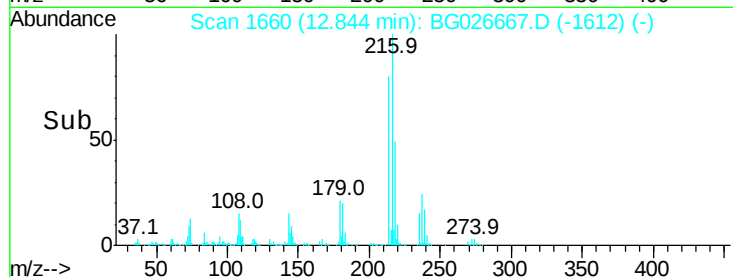
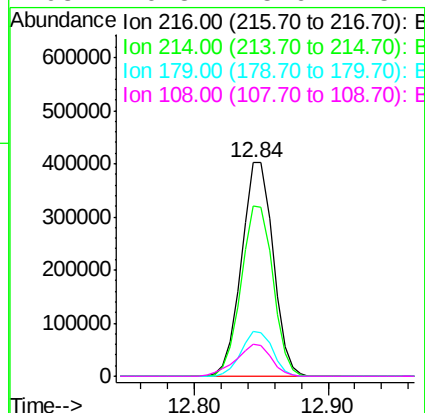
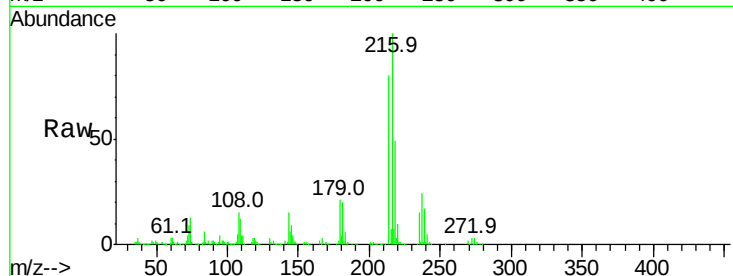




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.17 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

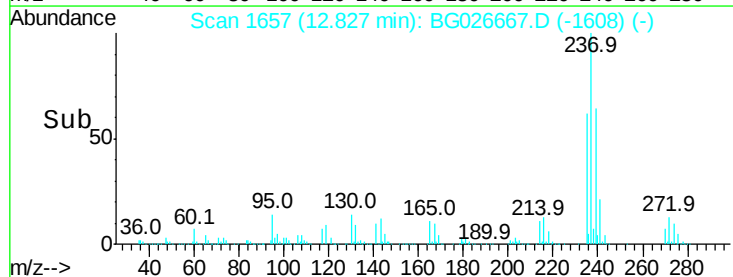
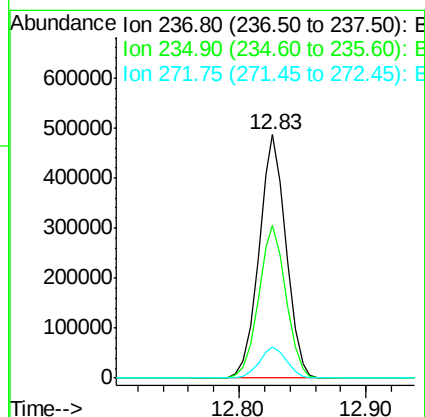
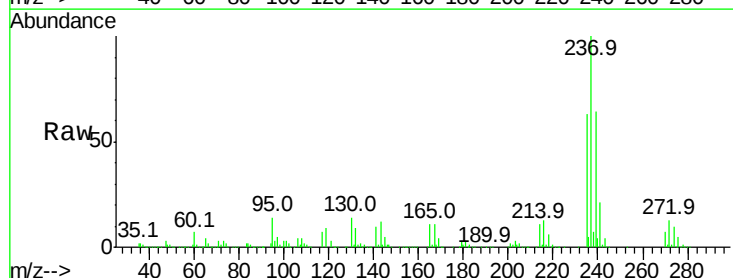
Instrument :
 BNA_G
 ClientSampleId :

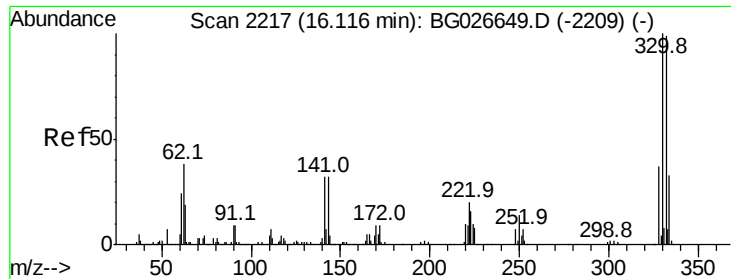
Tot Ion:	216	Resp:	658000
Ion	Ratio	Lower	Upper
216	100		
214	80.3	64.4	96.6
179	20.9	17.4	26.0
108	16.8	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 91.14 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:	237	Resp:	718569
Ion	Ratio	Lower	Upper
237	100		
235	62.5	39.4	79.4
272	12.9	0.0	32.0

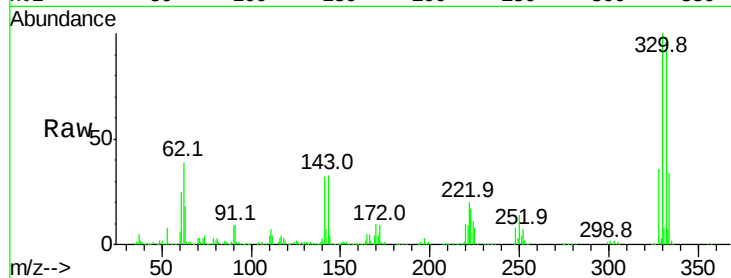




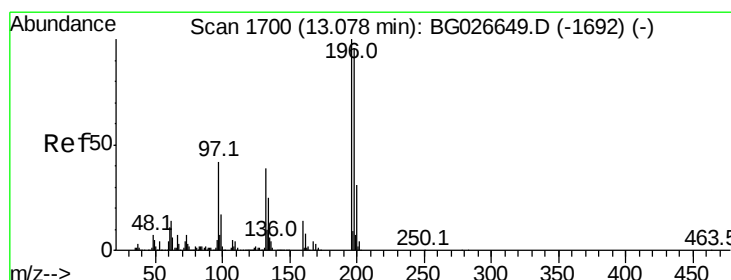
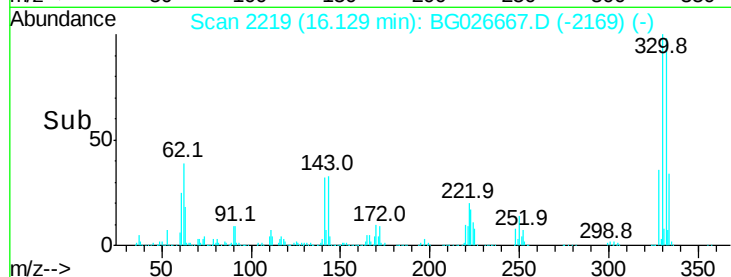
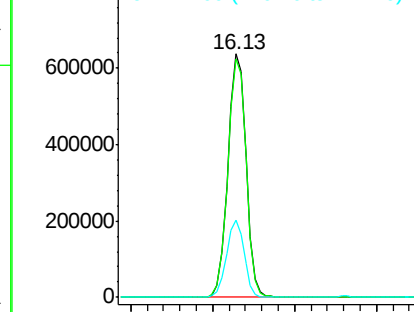
#41
 2,4,6-Tribromophenol
 Concen: 139.50 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.3	115.9
141	31.0	32.1	48.1#

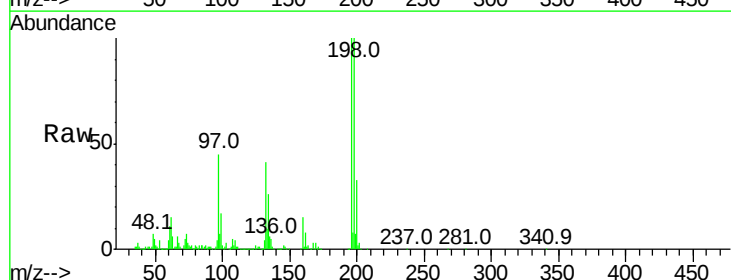


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

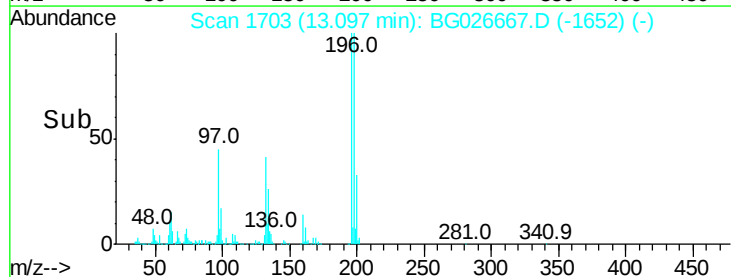
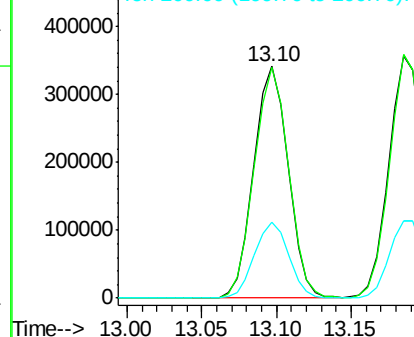


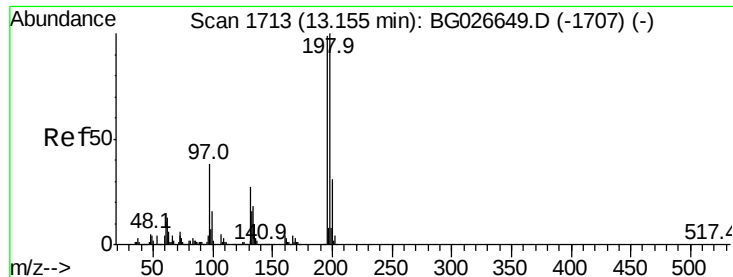
#42
 2,4,6-Trichlorophenol
 Concen: 49.14 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.5	81.4	122.2
200	33.0	27.0	40.6



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

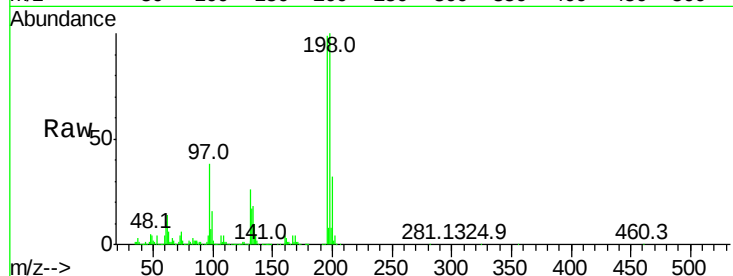




#43
2,4,5-Trichlorophenol
Concen: 50.80 ng
RT: 13.18 min Scan# 1718
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	79.9	119.9
97	38.0	45.4	68.0
132	26.3	20.7	31.1



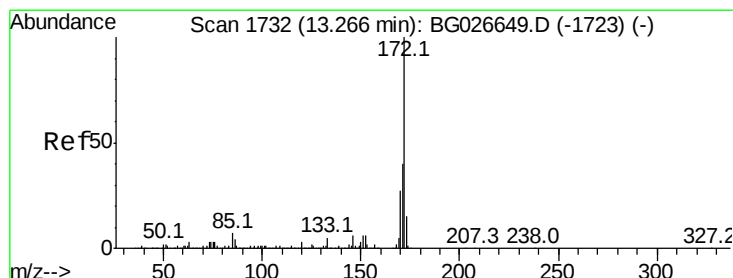
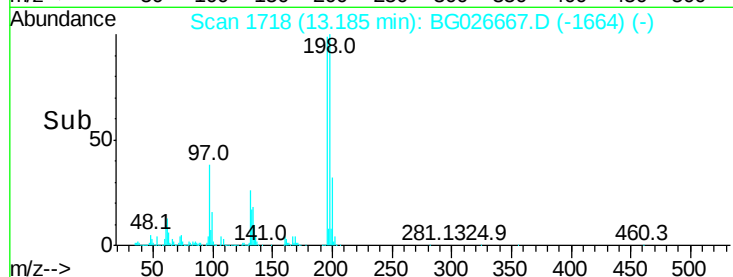
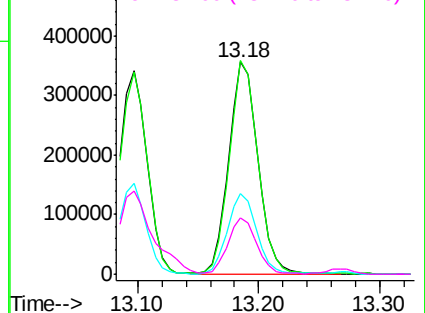
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

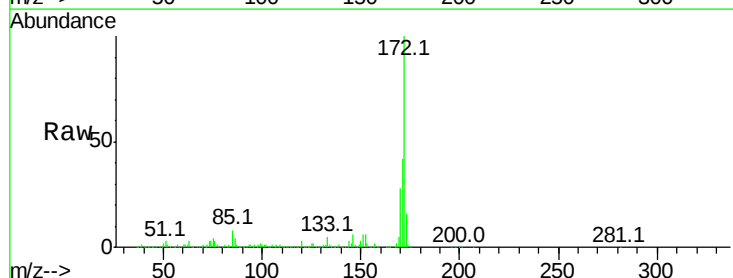
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 85.35 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.0	32.2	48.2
170	28.1	21.8	32.6

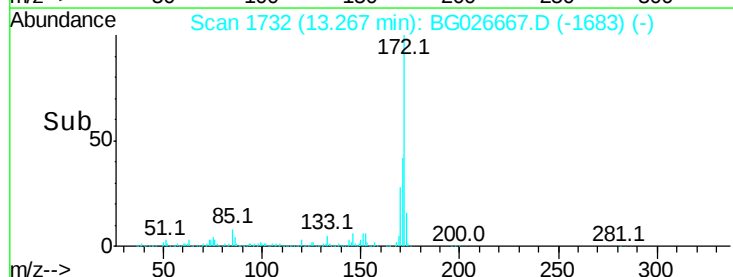
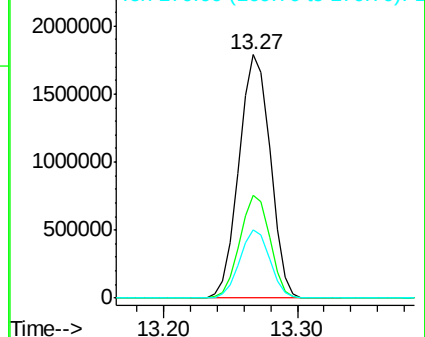


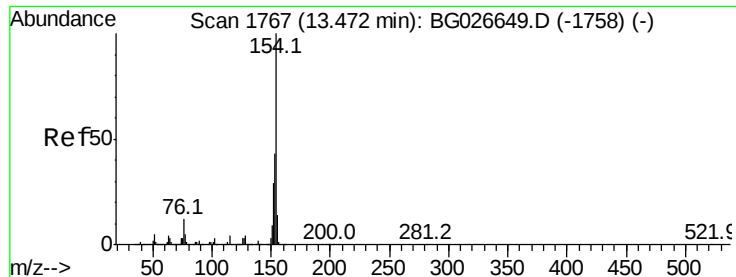
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.90 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

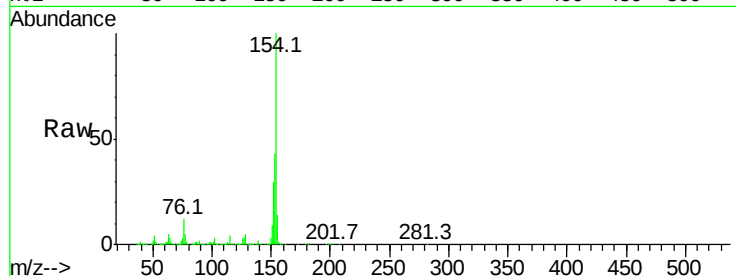
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1807334

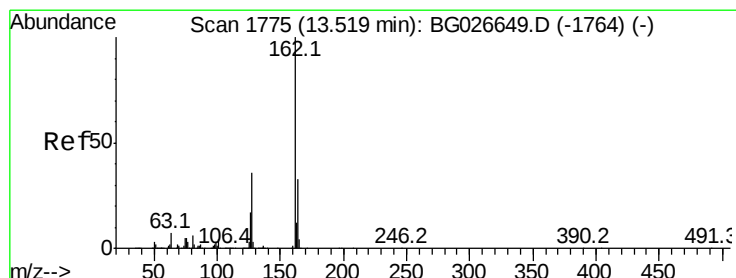
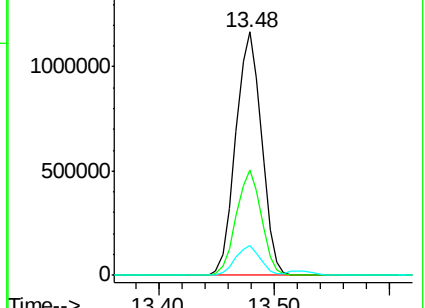
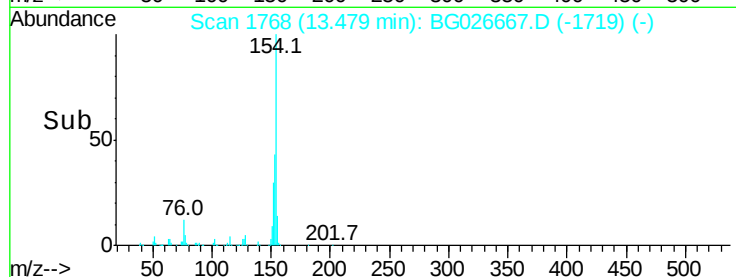
Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.0	63.0
76	12.2	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.52 ng

RT: 13.53 min Scan# 1776

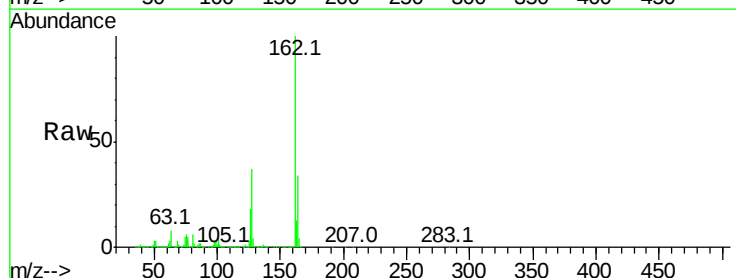
Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:162 Resp: 1388724

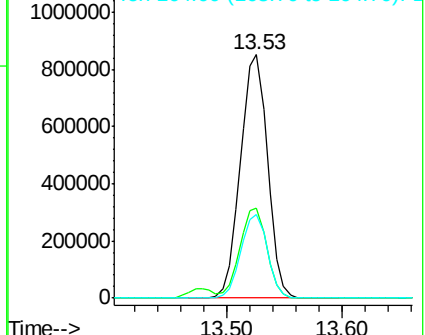
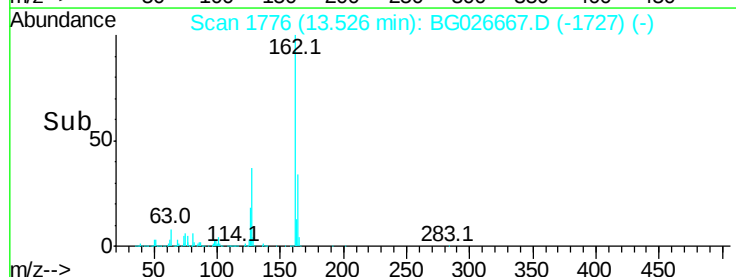
Ion	Ratio	Lower	Upper
162	100		
127	37.0	32.2	48.4
164	34.3	27.3	40.9

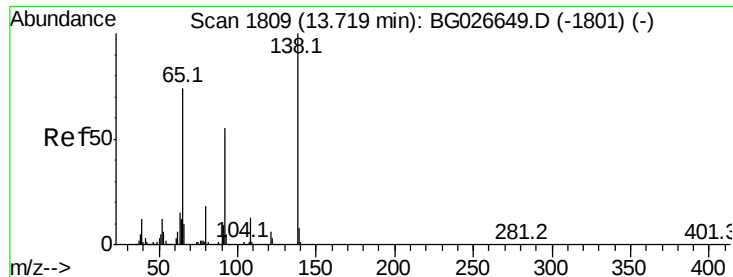


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.25 ng

RT: 13.73 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

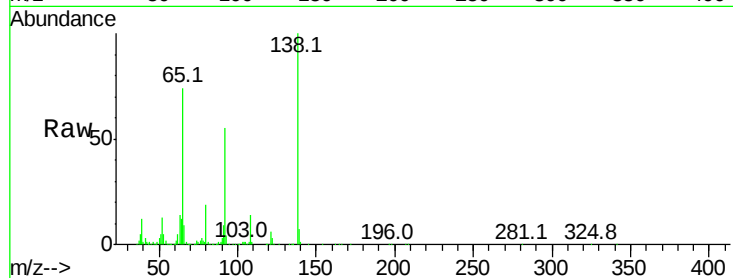
Tot Ion: 65 Resp: 392385

Ion Ratio Lower Upper

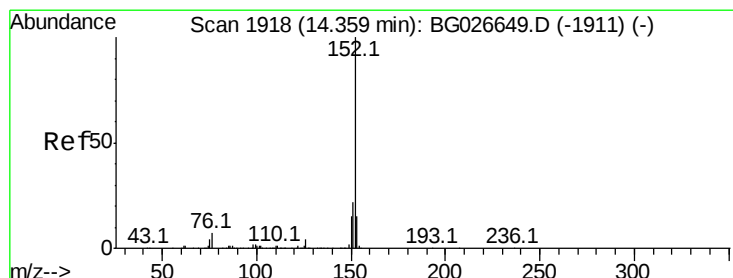
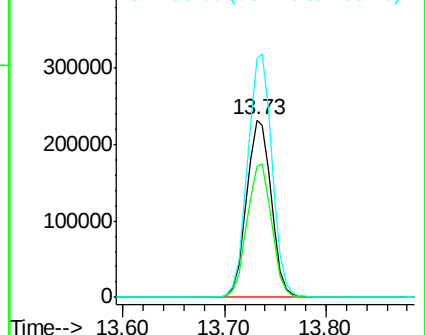
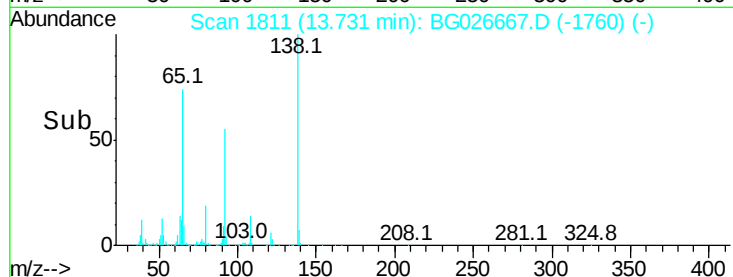
65 100

92 73.8 49.0 73.4#

138 134.5 58.6 87.8#



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



#48

Acenaphthylene

Concen: 45.48 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

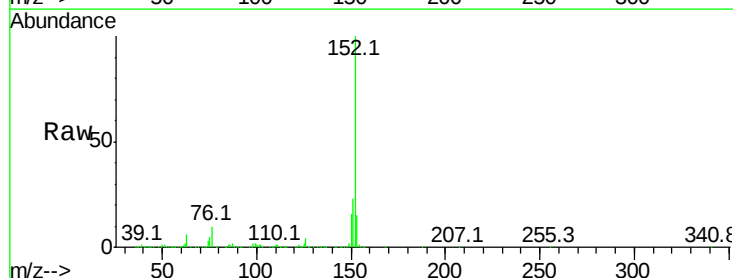
Tgt Ion: 152 Resp: 2281666

Ion Ratio Lower Upper

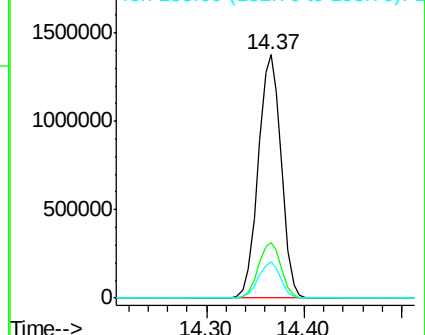
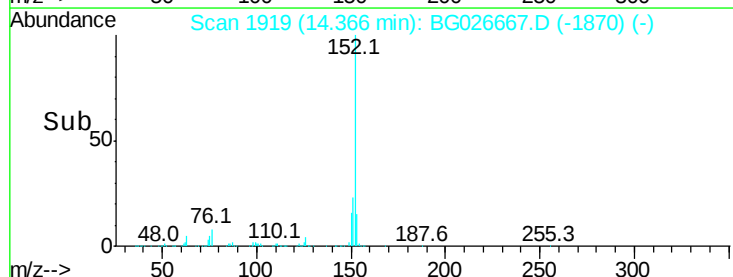
152 100

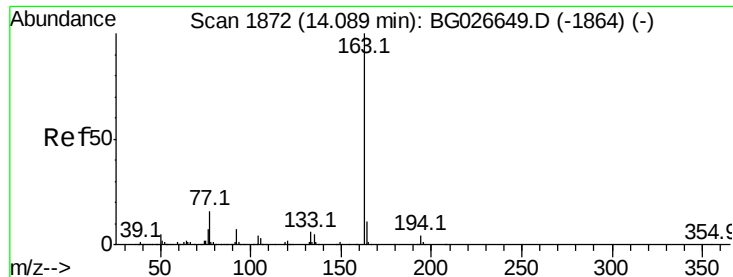
151 23.0 18.2 27.2

153 15.0 11.3 16.9



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

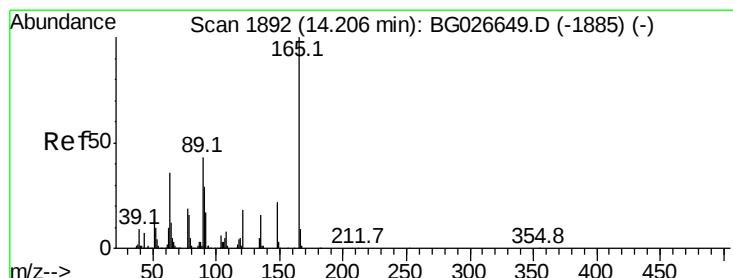
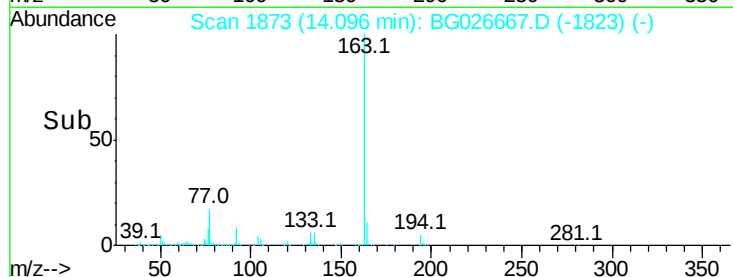
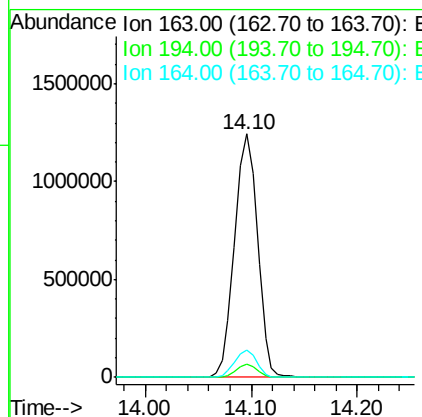
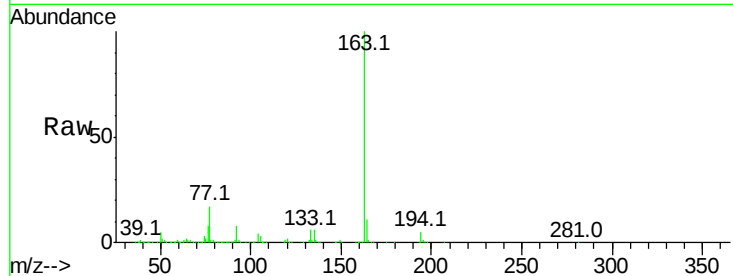




#49
Dimethylphthalate
Concen: 46.49 ng
RT: 14.10 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

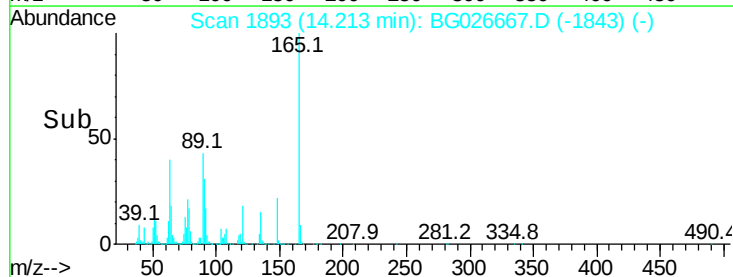
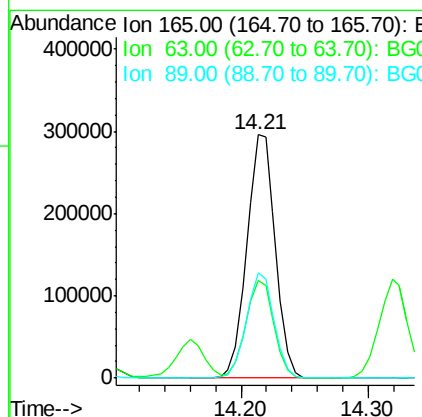
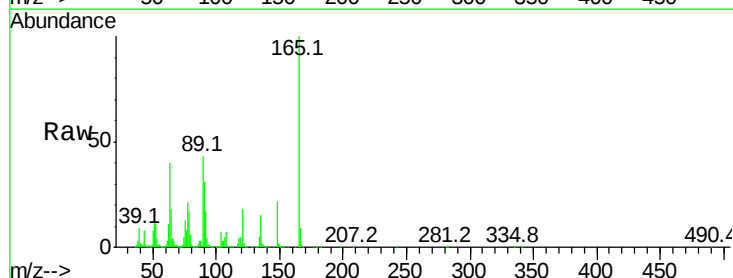
Instrument :
BNA_G
ClientSampleId :

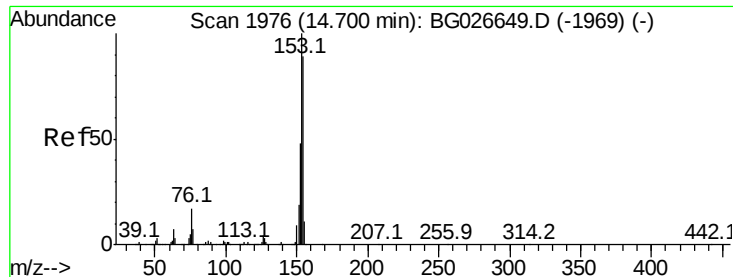
Tot Ion:163 Resp: 1864401
Ion Ratio Lower Upper
163 100
194 5.2 3.8 5.6
164 11.0 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 48.90 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:165 Resp: 458582
Ion Ratio Lower Upper
165 100
63 40.4 63.9 95.9#
89 43.3 58.6 88.0#





#51

Acenaphthene

Concen: 45.84 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

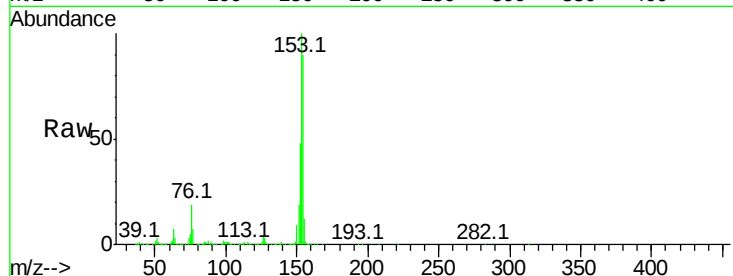
Tot Ion:154 Resp: 1463496

Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.8	131.6
152	53.5	42.2	63.4

154 100

153 110.6 87.8 131.6

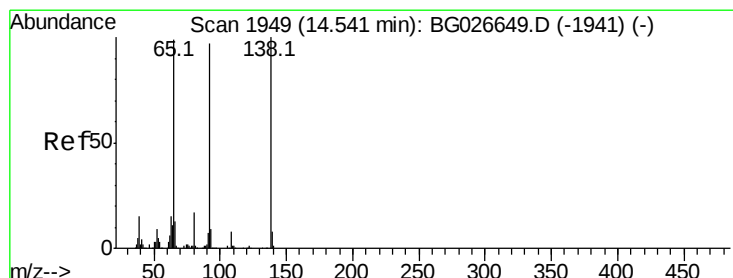
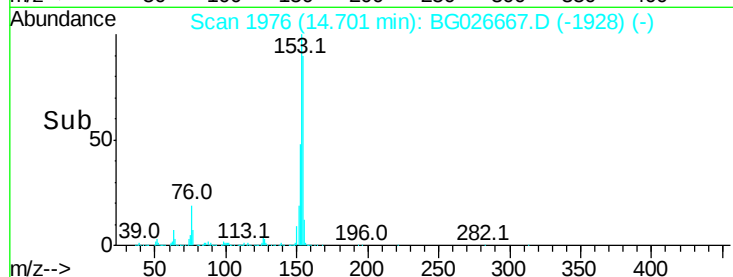
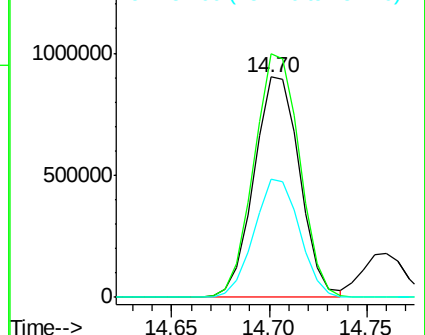
152 53.5 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.07 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

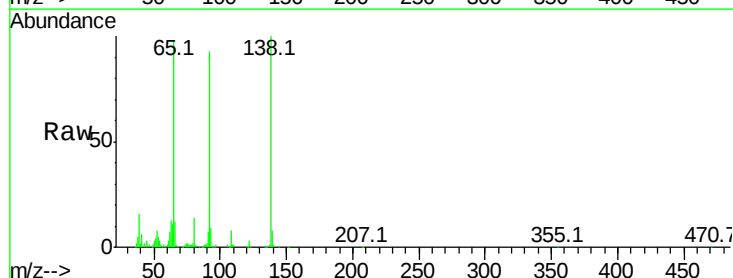
Tgt Ion:138 Resp: 133697

Ion	Ratio	Lower	Upper
138	100		
108	8.1	10.9	16.3#
92	93.0	115.3	172.9#

138 100

108 8.1 10.9 16.3#

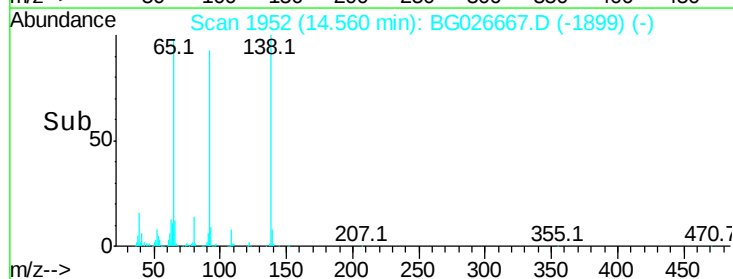
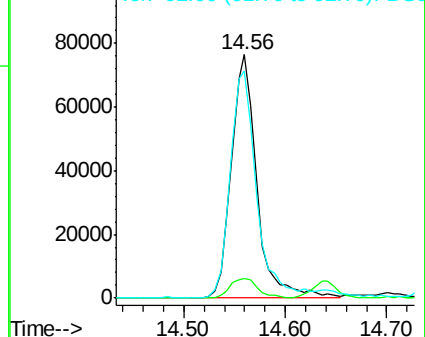
92 93.0 115.3 172.9#

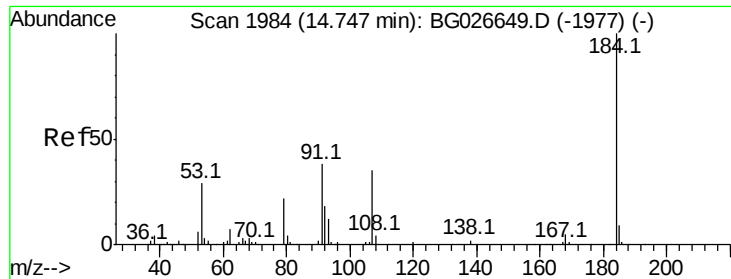


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 104.01 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

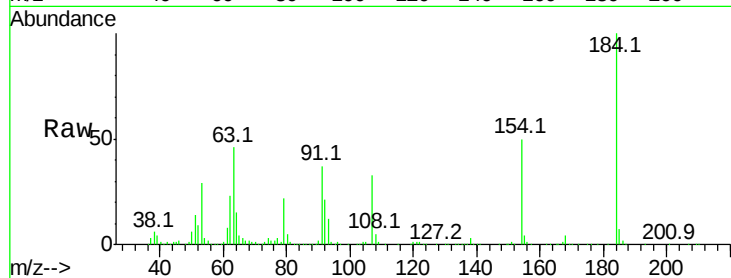
Tot Ion:184 Resp: 595620

Ion Ratio Lower Upper

184 100

63 45.8 52.7 79.1#

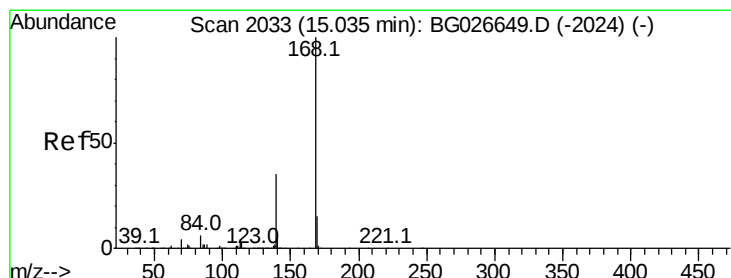
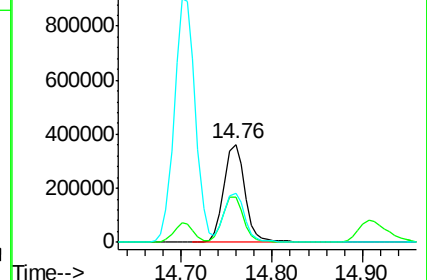
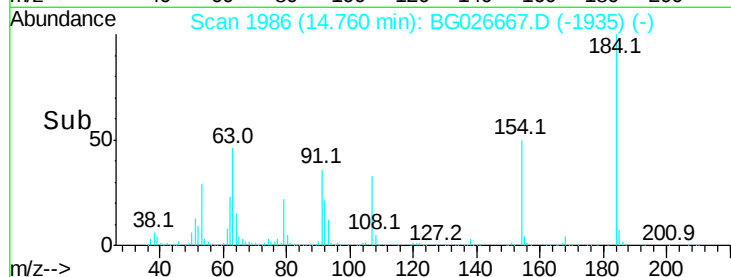
154 50.2 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 45.05 ng

RT: 15.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

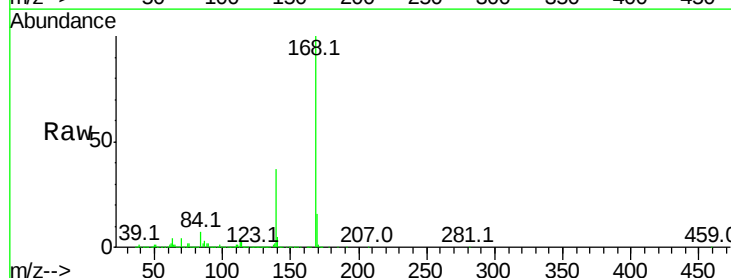
Tgt Ion:168 Resp: 2241692

Ion Ratio Lower Upper

168 100

139 37.5 35.3 52.9

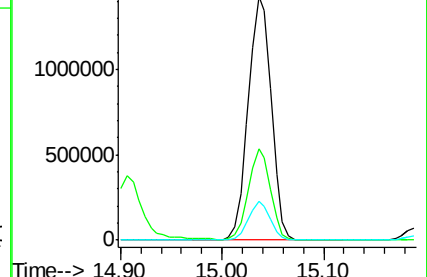
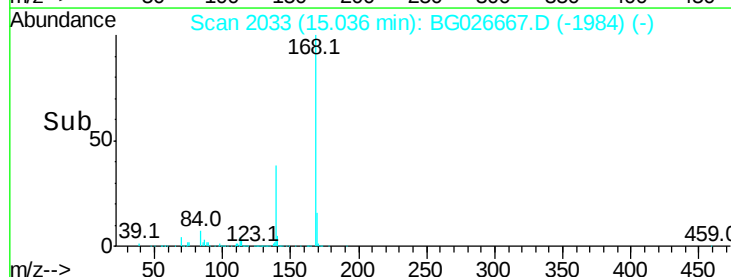
169 15.9 11.5 17.3

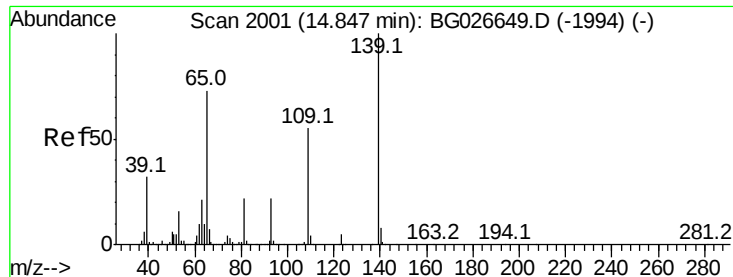


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 78.45 ng

RT: 14.91 min Scan# 2011

Delta R.T. 0.05 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

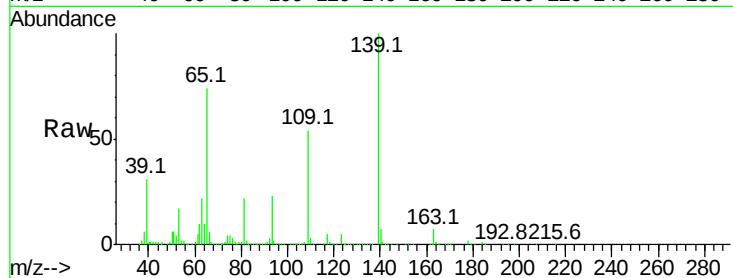
Tot Ion:139 Resp: 677368

Ion Ratio Lower Upper

139 100

109 54.5 101.2 141.2#

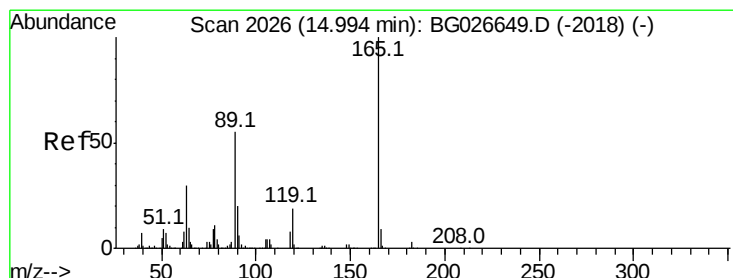
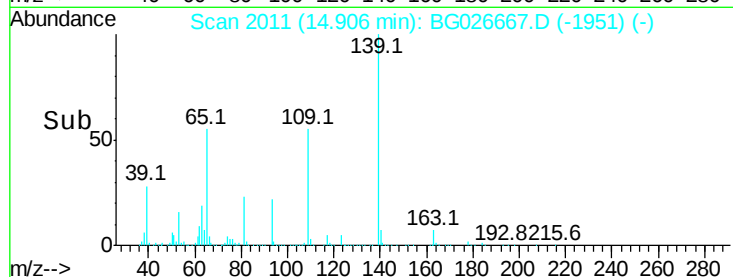
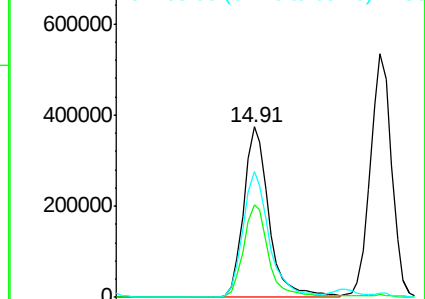
65 74.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 49.30 ng

RT: 15.00 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:165 Resp: 656486

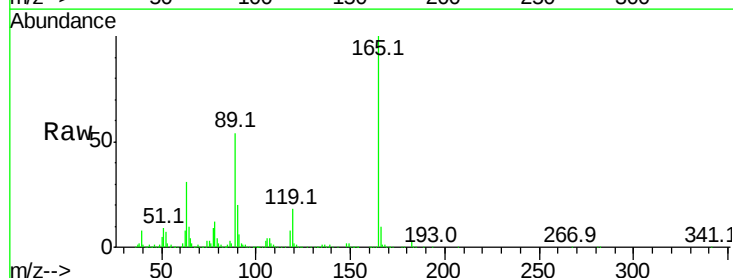
Ion Ratio Lower Upper

165 100

63 31.2 44.0 66.0#

89 53.7 67.3 100.9#

182 2.8 3.8 5.6#

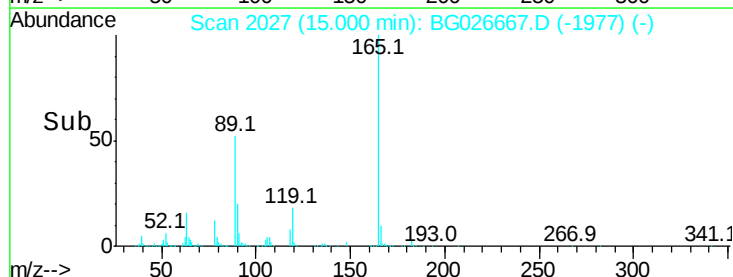
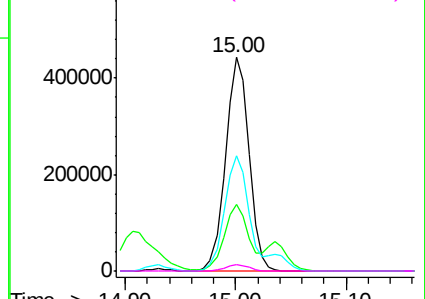


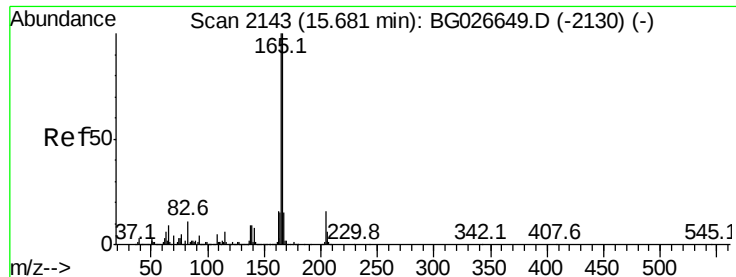
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.91 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

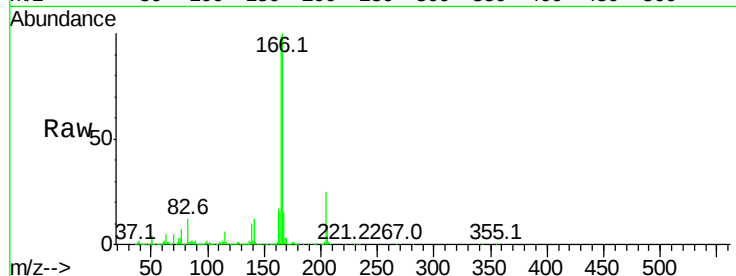
Tot Ion:166 Resp: 1881305

Ion Ratio Lower Upper

166 100

165 99.0 78.6 117.8

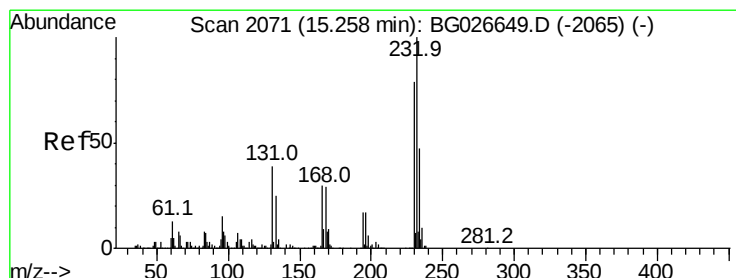
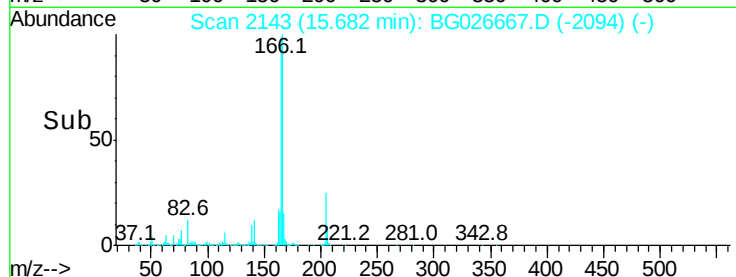
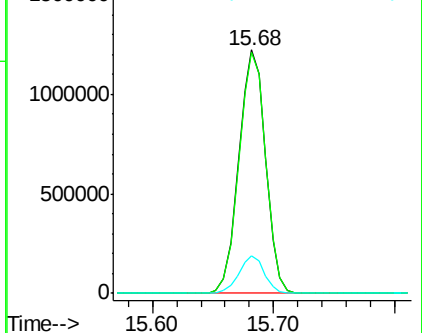
167 15.3 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.90 ng

RT: 15.27 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Tgt Ion:232 Resp: 548443

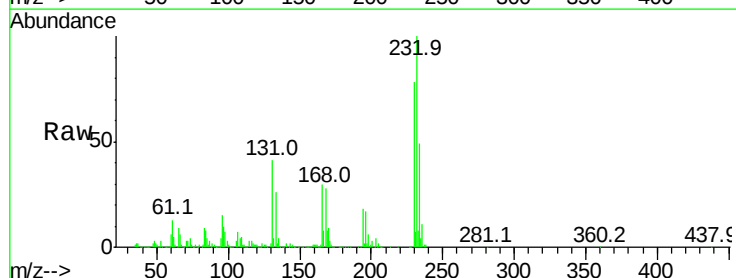
Ion Ratio Lower Upper

232 100

131 39.4 34.9 52.3

130 2.3 2.3 3.5#

166 28.8 24.2 36.4

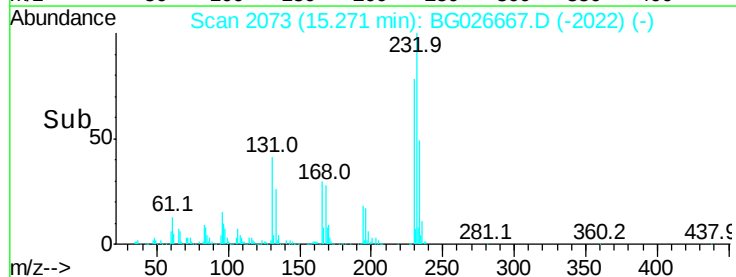
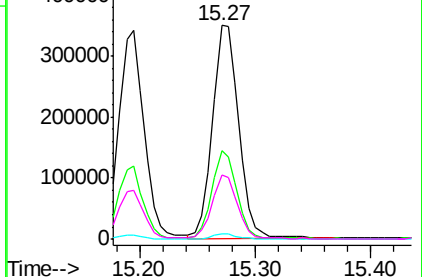


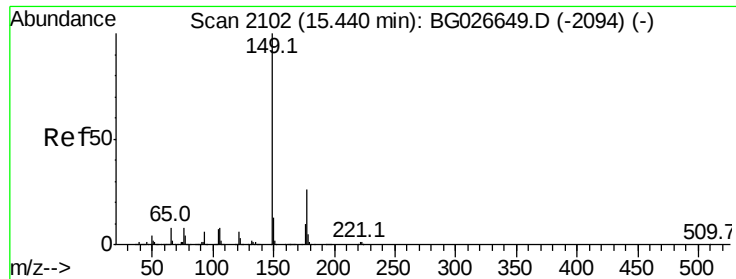
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

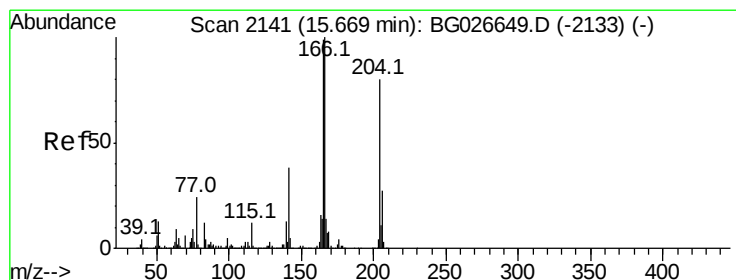
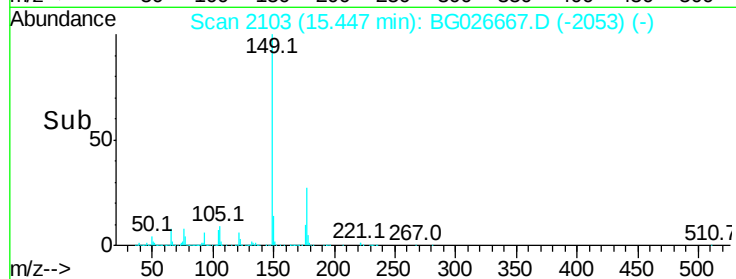
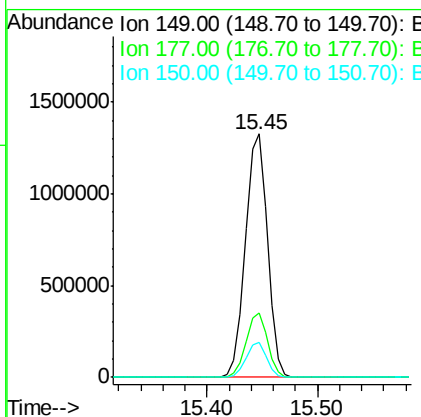
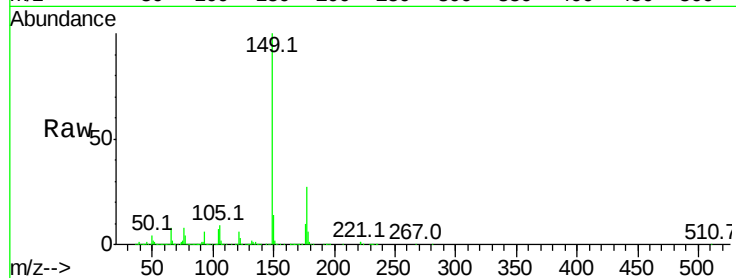




#59
Diethylphthalate
Concen: 45.65 ng
RT: 15.45 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

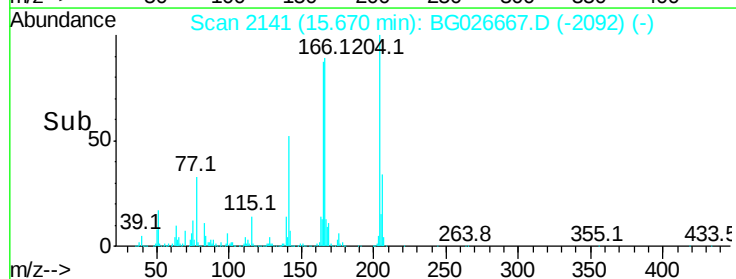
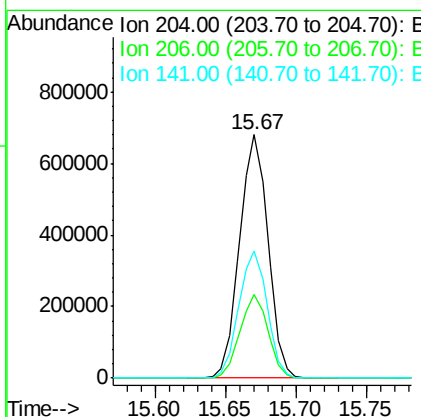
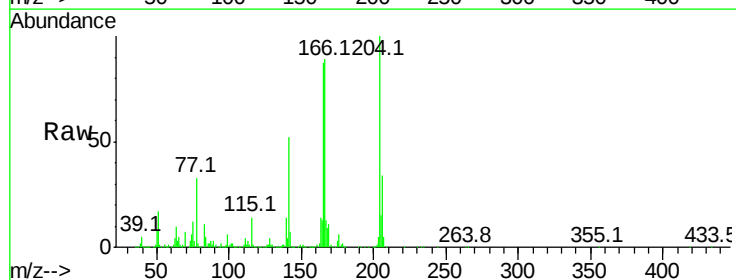
Instrument :
BNA_G
ClientSampleId :

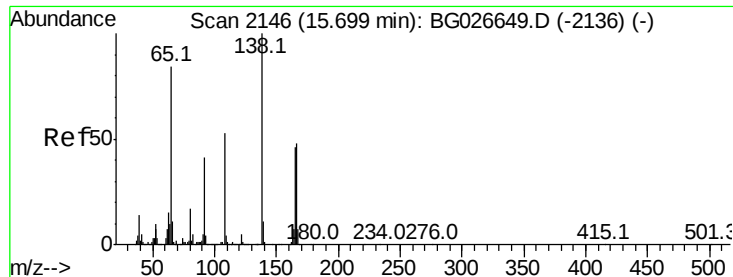
Tot Ion:149 Resp: 1861006
Ion Ratio Lower Upper
149 100
177 26.6 20.1 30.1
150 14.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.86 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:204 Resp: 958292
Ion Ratio Lower Upper
204 100
206 34.3 30.1 45.1
141 52.2 50.6 76.0

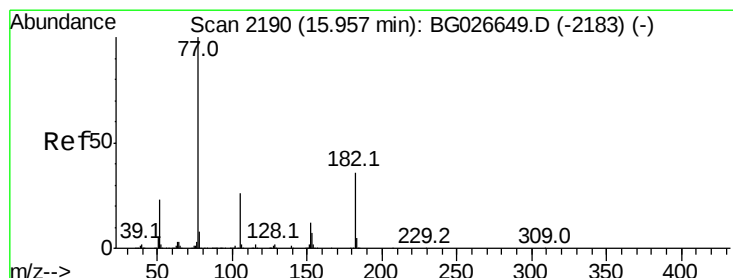
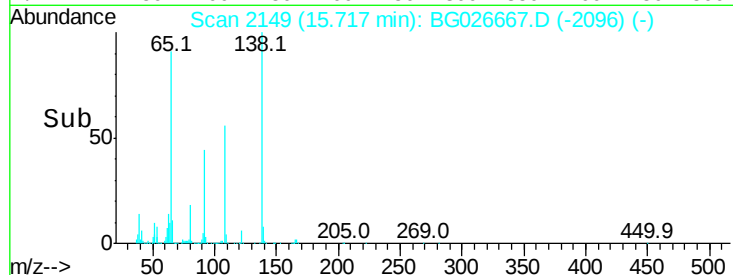
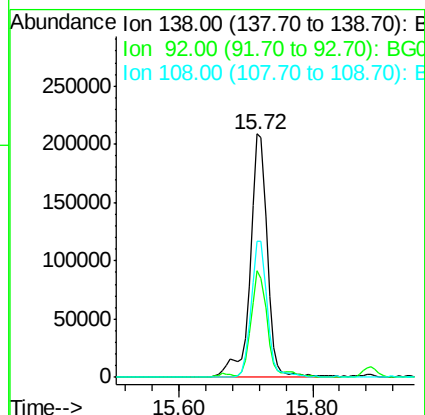
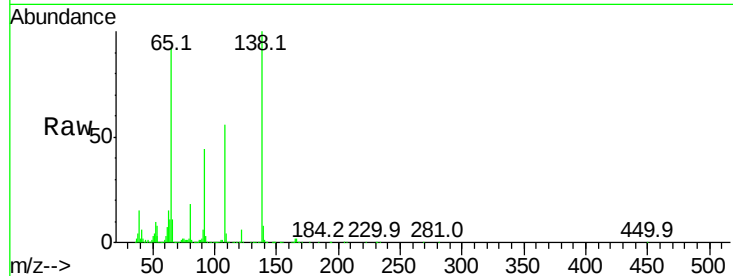




#61
4-Nitroaniline
Concen: 33.32 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

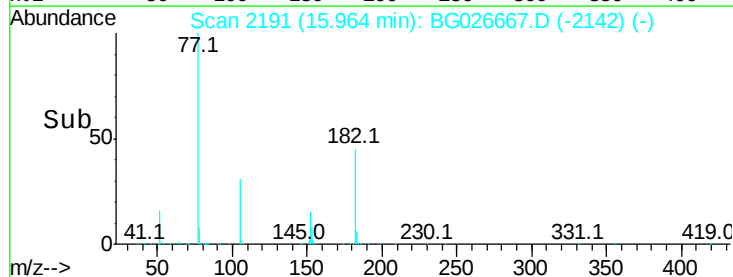
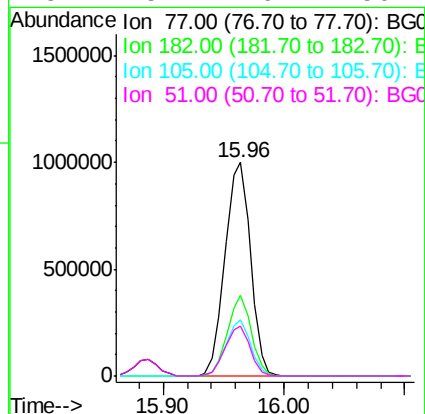
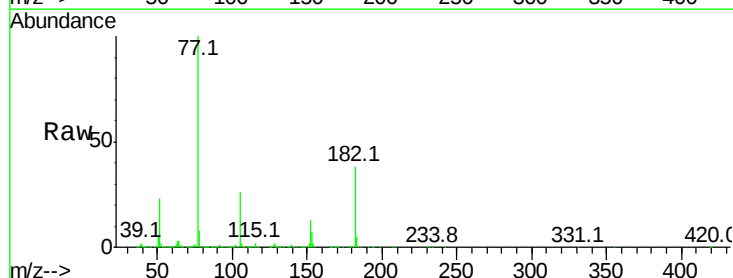
Instrument :
BNA_G
ClientSampled :

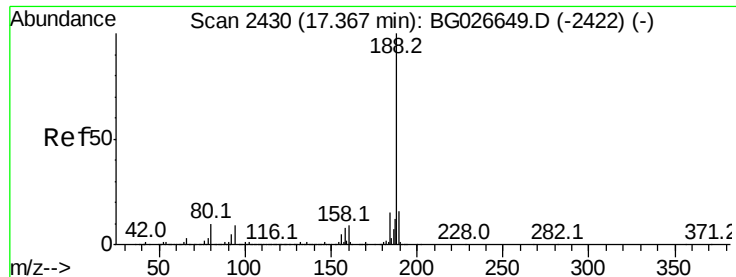
Tot Ion:138 Resp: 363390
Ion Ratio Lower Upper
138 100
92 44.0 44.2 84.2#
108 56.1 104.8 144.8#



#62
Azobenzene
Concen: 46.27 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion: 77 Resp: 1455560
Ion Ratio Lower Upper
77 100
182 37.8 4.7 44.7
105 26.2 0.0 36.3
51 23.1 16.4 56.4

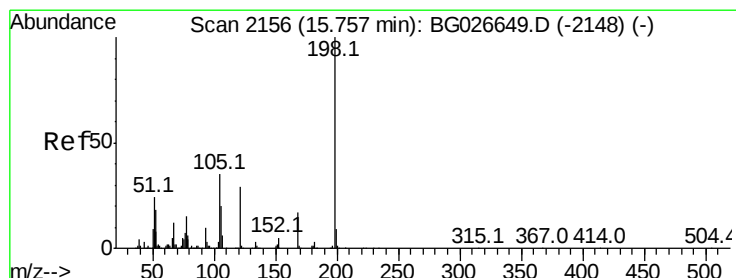
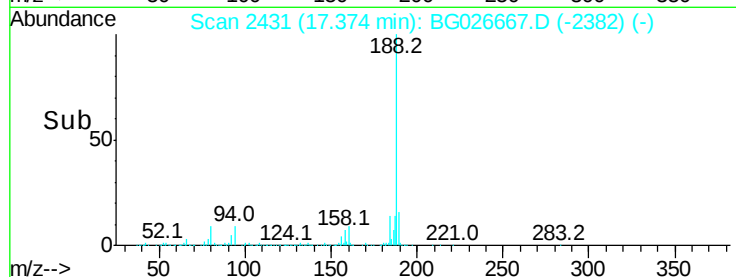
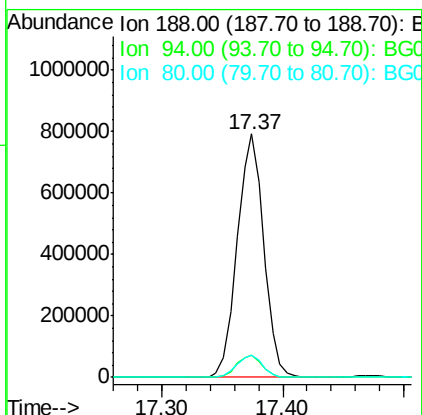
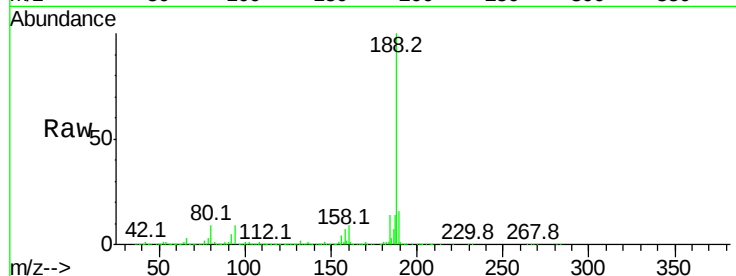




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

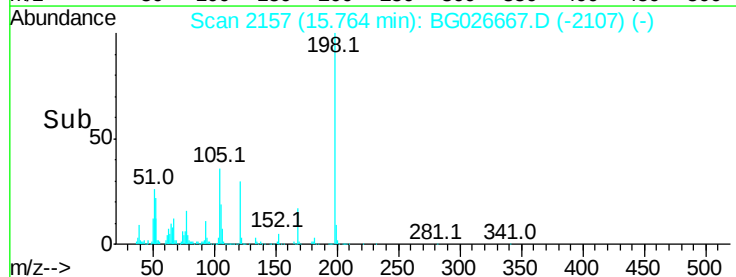
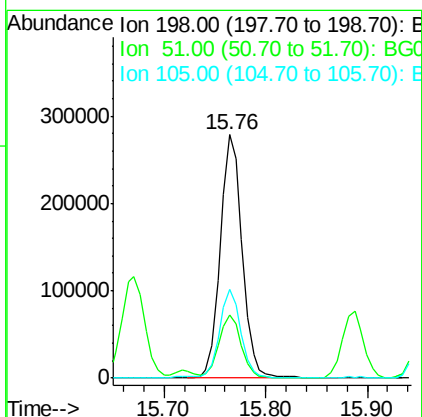
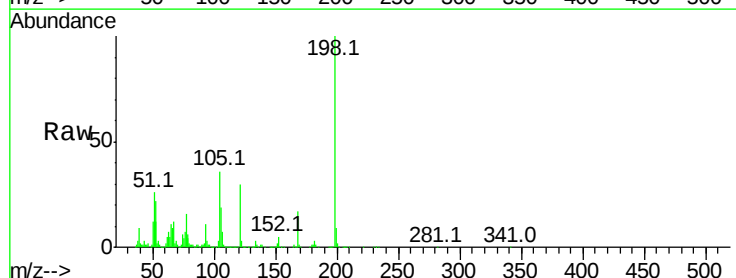
Instrument :
 BNA_G
 ClientSampleId :

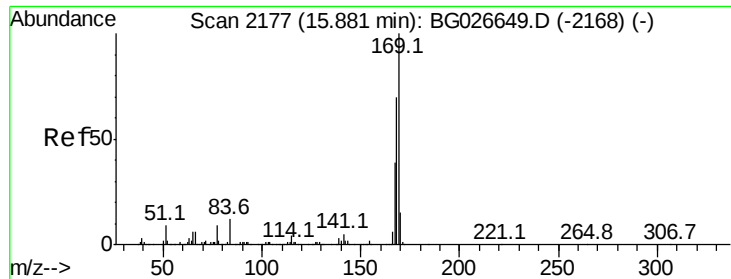
Tot Ion:188 Resp: 1210517
 Ion Ratio Lower Upper
 188 100
 94 9.0 5.8 8.8#
 80 9.2 7.5 11.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 51.15 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:198 Resp: 418170
 Ion Ratio Lower Upper
 198 100
 51 25.9 22.6 62.6
 105 36.3 14.4 54.4



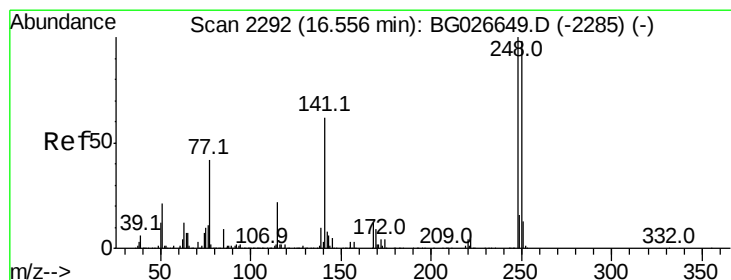
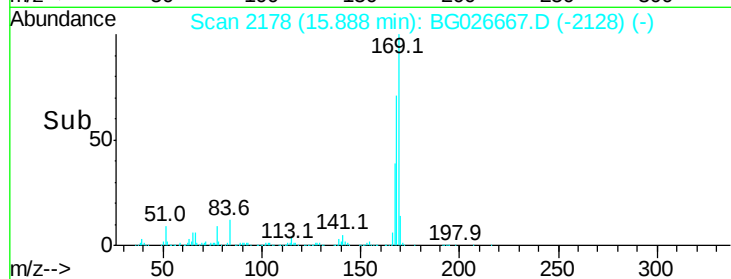
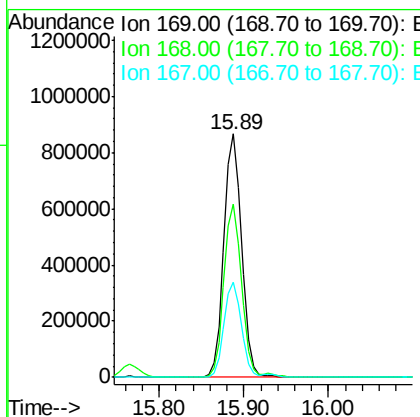
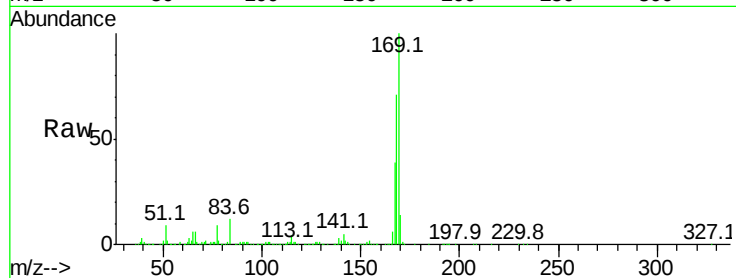


#65
 n-Nitrosodiphenylamine
 Concen: 36.03 ng
 RT: 15.89 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:169 Resp: 1258294

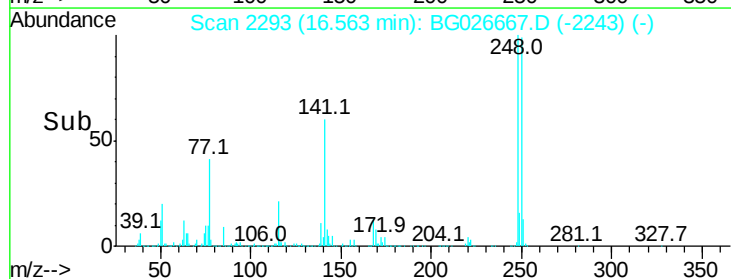
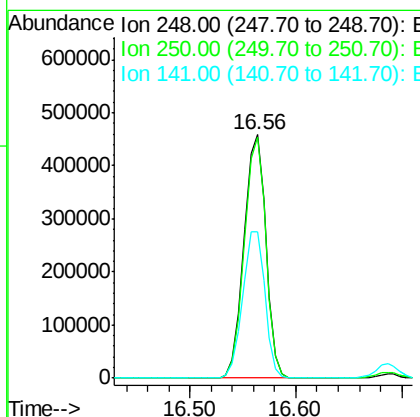
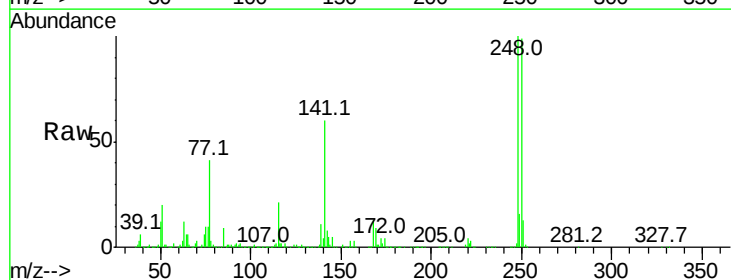
Ion	Ratio	Lower	Upper
169	100		
168	71.4	55.7	83.5
167	38.9	29.8	44.6

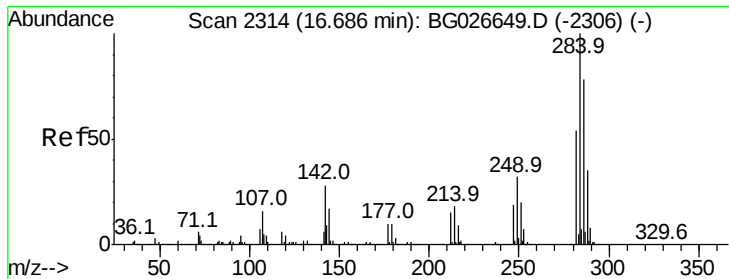


#66
 4-Bromophenyl-phenylether
 Concen: 49.82 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:248 Resp: 658896

Ion	Ratio	Lower	Upper
248	100		
250	99.0	75.0	112.6
141	60.0	55.2	82.8





#67

Hexachlorobenzene

Concen: 47.69 ng

RT: 16.69 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

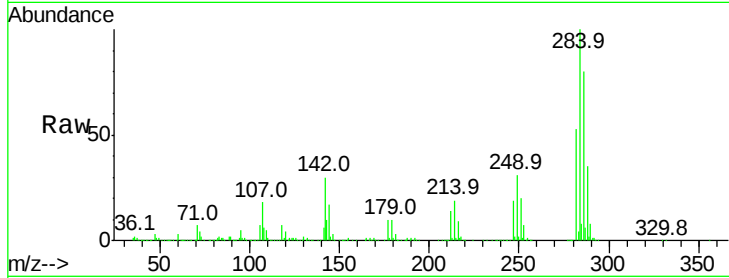
Tot Ion:284 Resp: 693414

Ion Ratio Lower Upper

284 100

142 29.8 29.9 44.9#

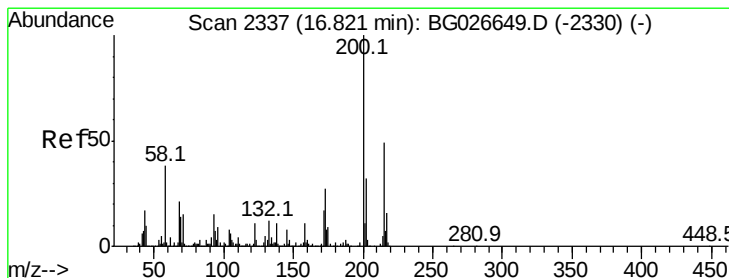
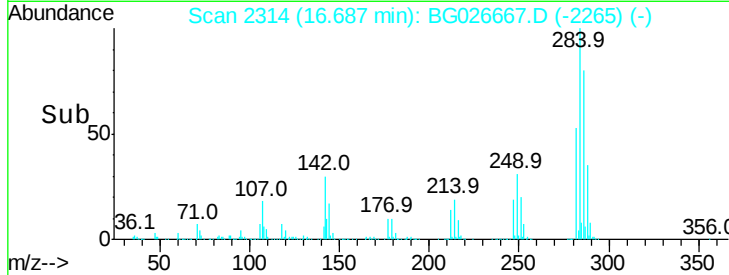
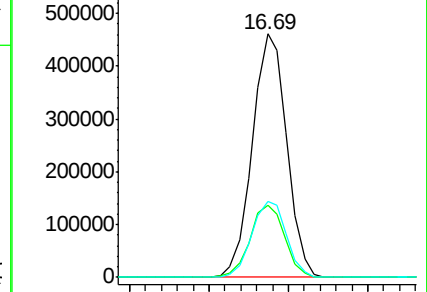
249 31.0 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 8.51 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

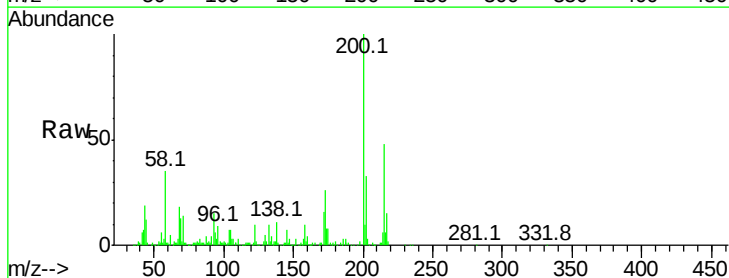
Tgt Ion:200 Resp: 116183

Ion Ratio Lower Upper

200 100

173 25.9 3.0 43.0

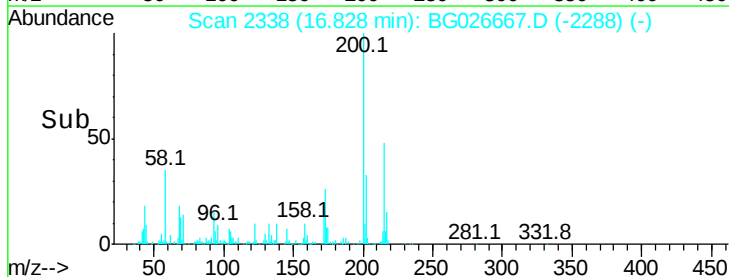
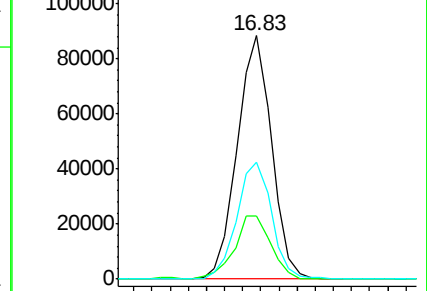
215 48.0 28.4 68.4

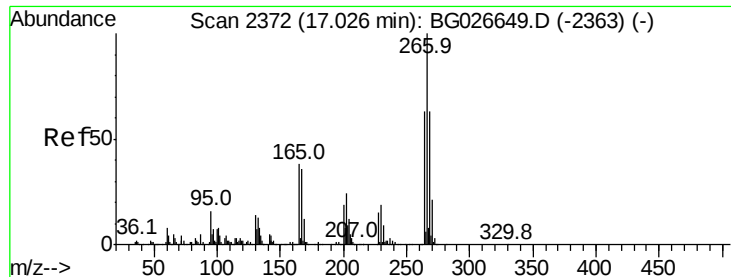


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

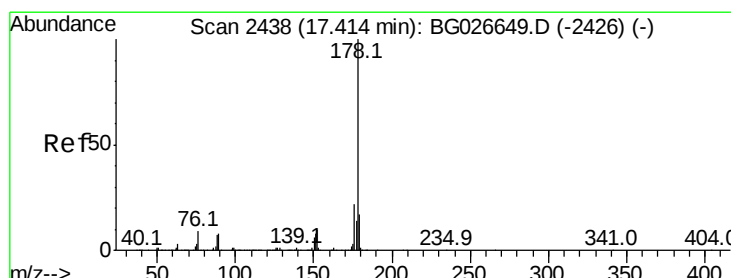
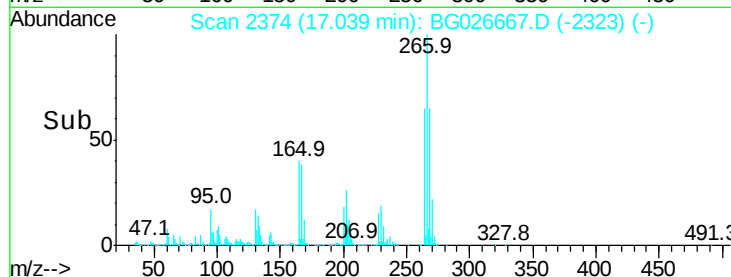
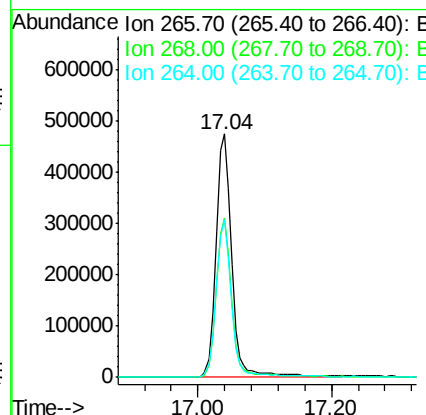
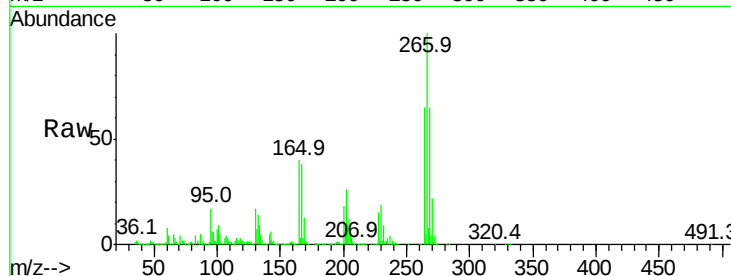




#69
 Pentachlorophenol
 Concen: 90.70 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.00 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

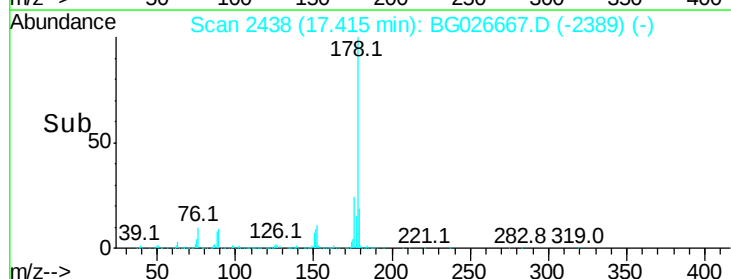
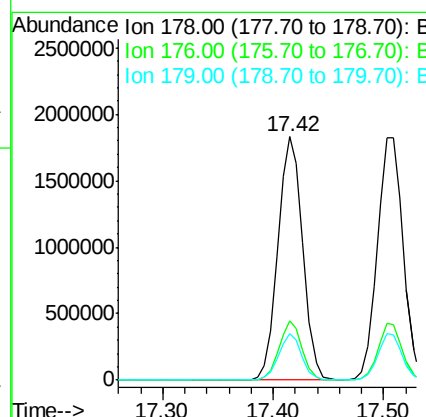
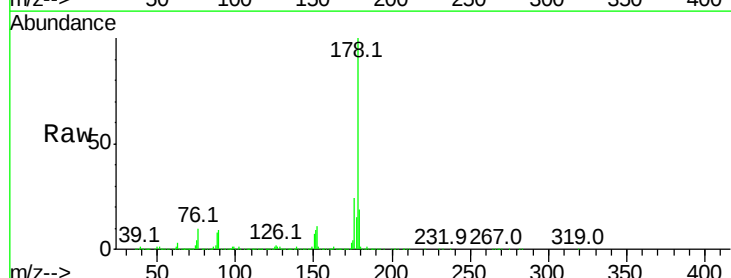
Instrument :
 BNA_G
 ClientSampleId :

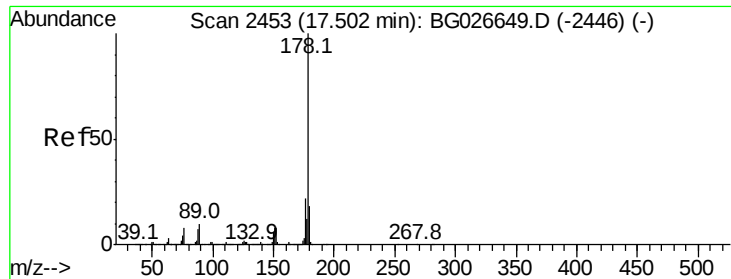
Tot Ion:266 Resp: 796786
 Ion Ratio Lower Upper
 266 100
 268 65.4 48.6 72.8
 264 64.9 50.1 75.1



#70
 Phenanthrene
 Concen: 45.69 ng
 RT: 17.42 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:178 Resp: 2847557
 Ion Ratio Lower Upper
 178 100
 176 24.3 17.7 26.5
 179 19.0 15.0 22.6

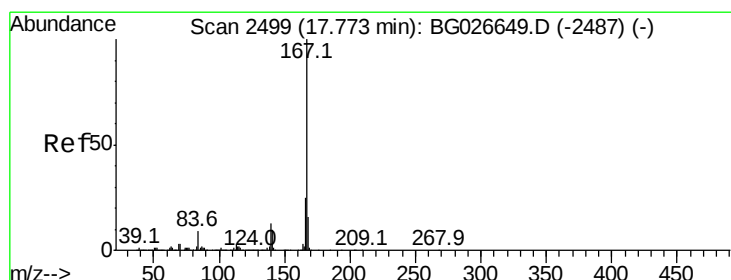
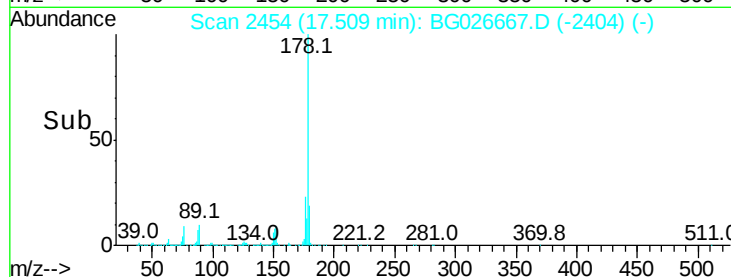
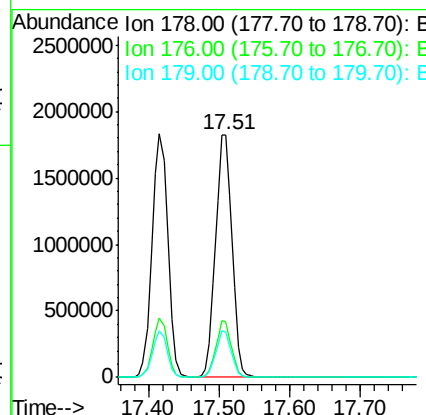
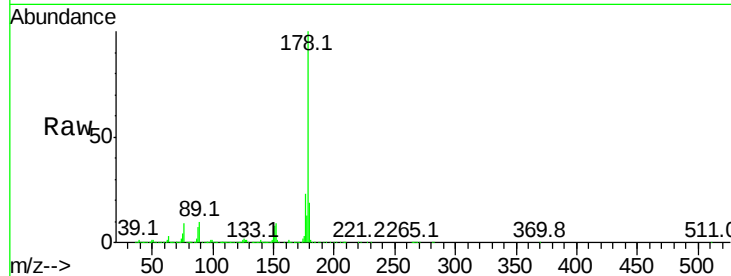




#71
 Anthracene
 Concen: 45.98 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

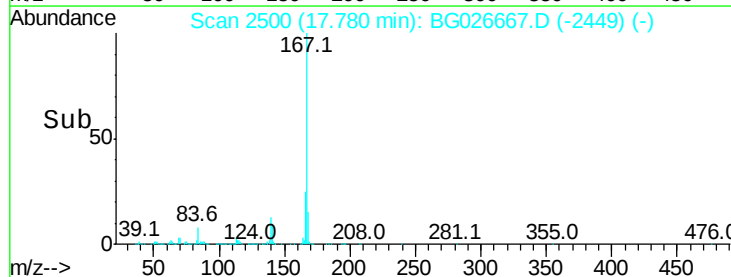
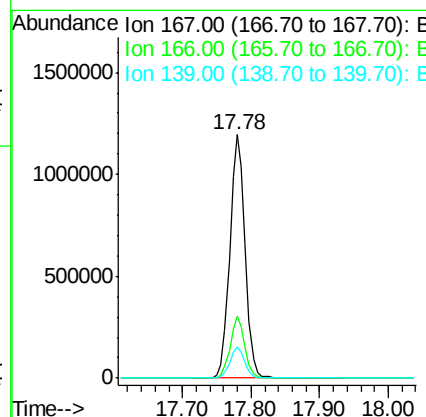
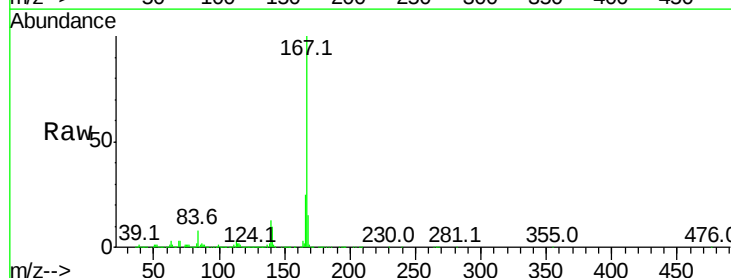
Instrument :
 BNA_G
 ClientSampleId :

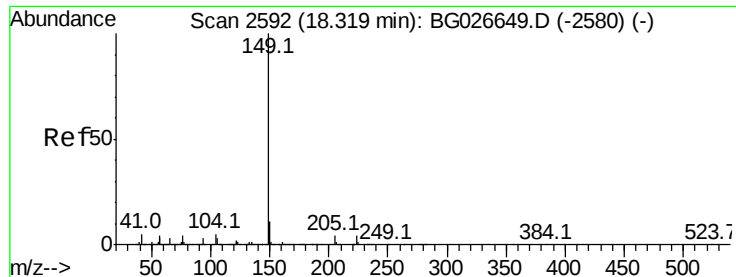
Tot Ion:178 Resp: 2961409
 Ion Ratio Lower Upper
 178 100
 176 22.9 16.4 24.6
 179 18.9 13.8 20.8



#72
 Carbazole
 Concen: 29.91 ng
 RT: 17.78 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:167 Resp: 1844879
 Ion Ratio Lower Upper
 167 100
 166 25.2 20.2 30.2
 139 12.9 12.8 19.2





#73

Di-n-butylphthalate

Concen: 44.11 ng

RT: 18.32 min Scan# 2592

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

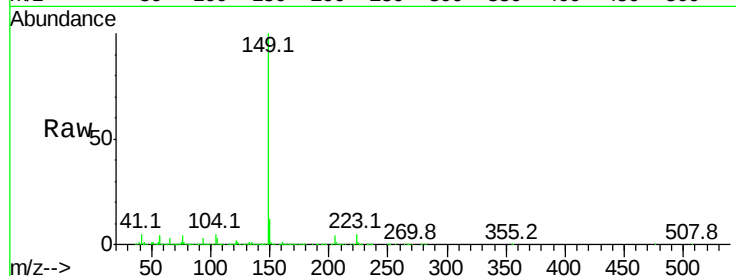
Tot Ion:149 Resp: 3050394

Ion Ratio Lower Upper

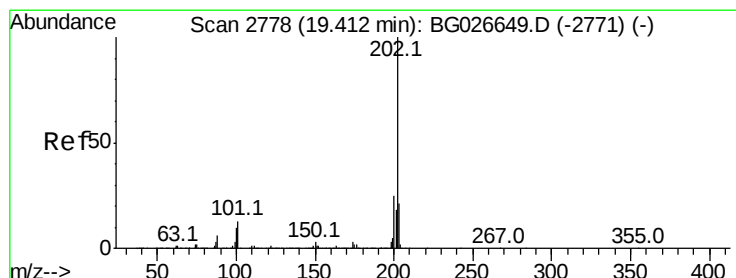
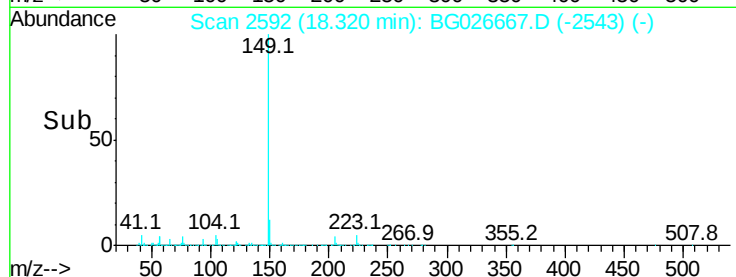
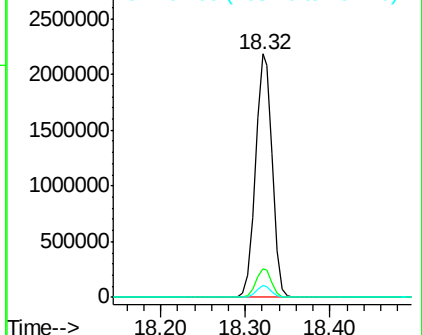
149 100

150 11.8 9.1 13.7

104 5.1 6.7 10.1#



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



#74

Fluoranthene

Concen: 42.99 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

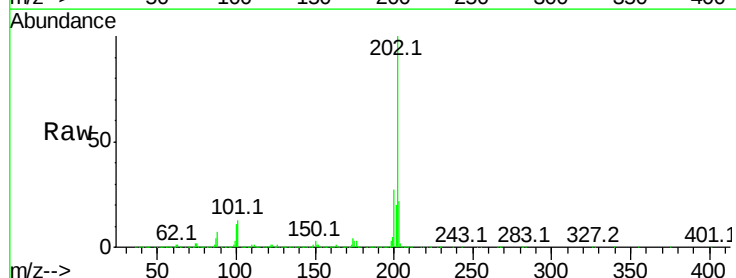
Tgt Ion:202 Resp: 3106749

Ion Ratio Lower Upper

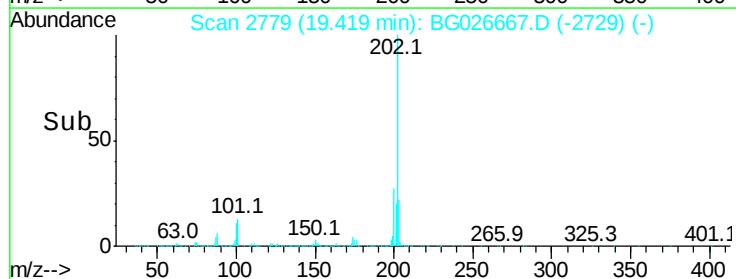
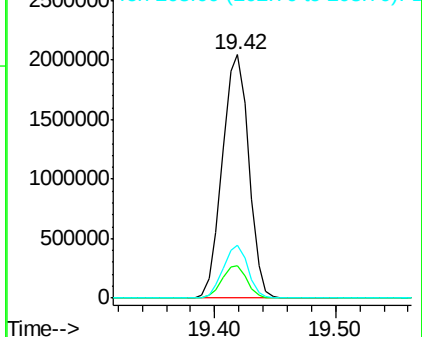
202 100

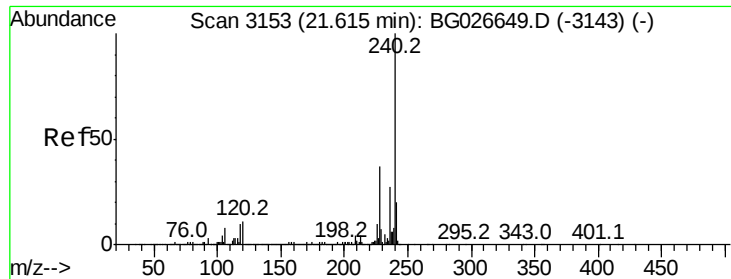
101 13.2 0.0 30.1

203 21.8 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

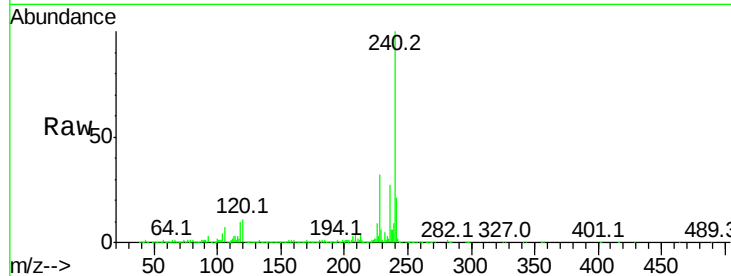
Tot Ion:240 Resp: 1236683

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

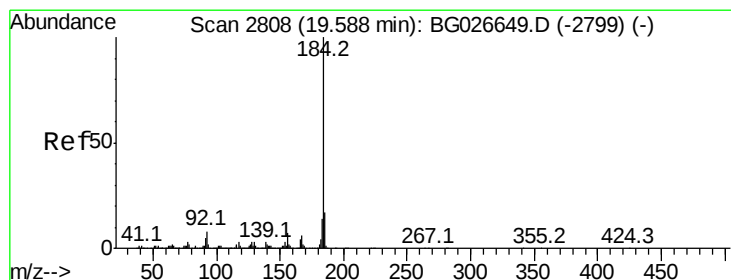
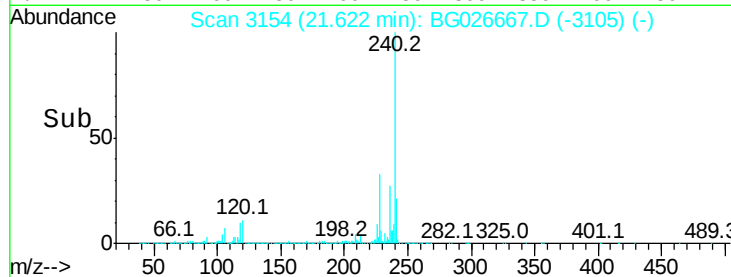
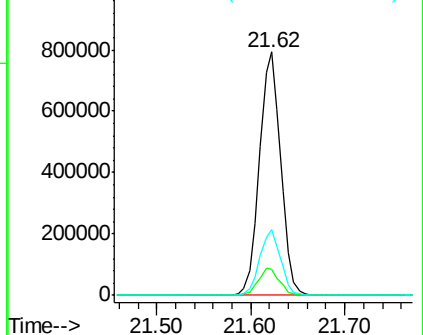
236 26.9 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.40 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.06 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

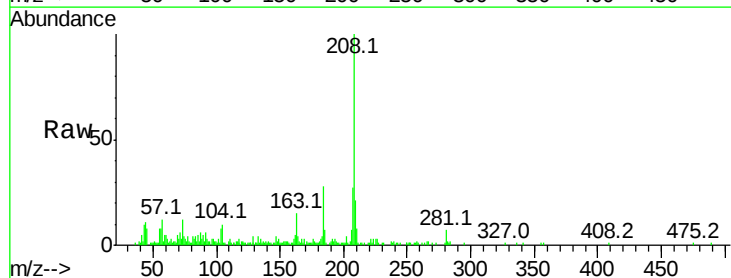
Tgt Ion:184 Resp: 24899

Ion Ratio Lower Upper

184 100

185 26.1 13.0 19.6#

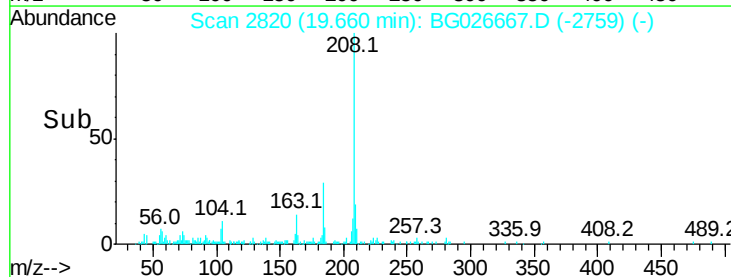
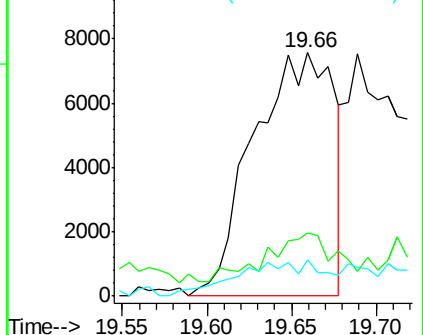
183 15.1 11.0 16.6

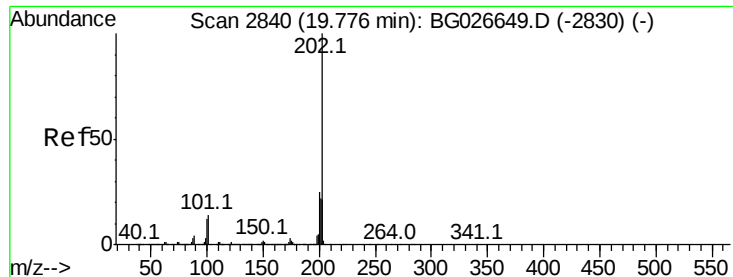


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.02 ng

RT: 19.78 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampled :

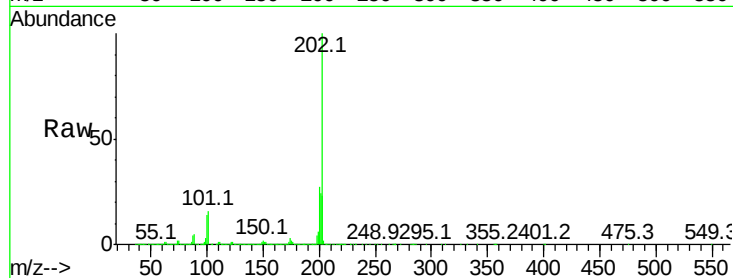
Tot Ion:202 Resp: 3130550

Ion	Ratio	Lower	Upper
202	100		
200	26.9	19.6	29.4
203	22.6	15.8	23.8

202 100

200 26.9 19.6 29.4

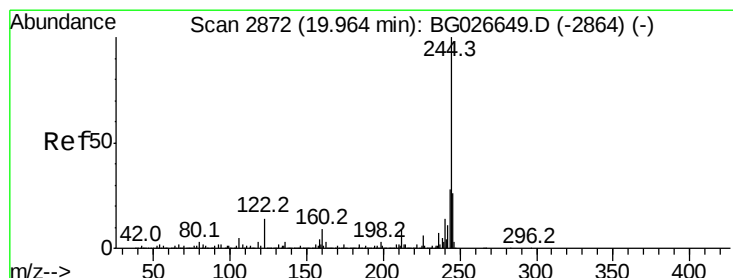
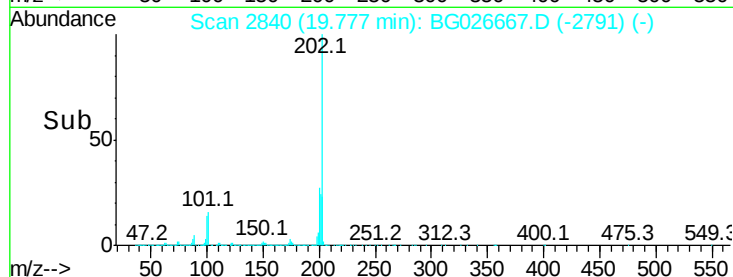
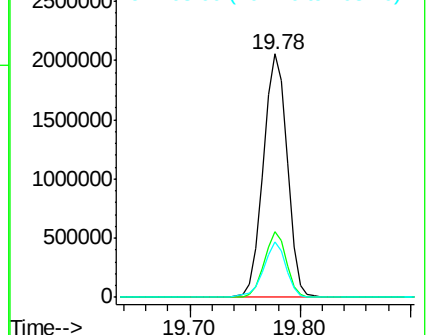
203 22.6 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.27 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

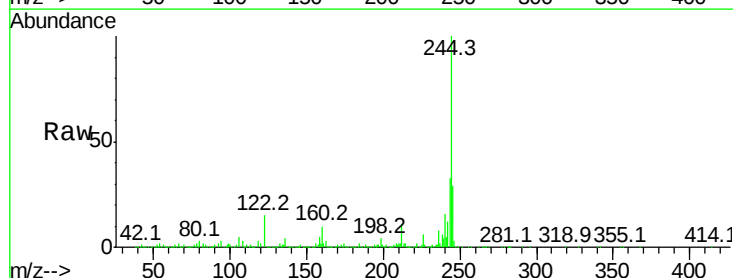
Tgt Ion:244 Resp: 3906974

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.0	15.0
122	15.3	8.6	12.8

244 100

212 10.5 10.0 15.0

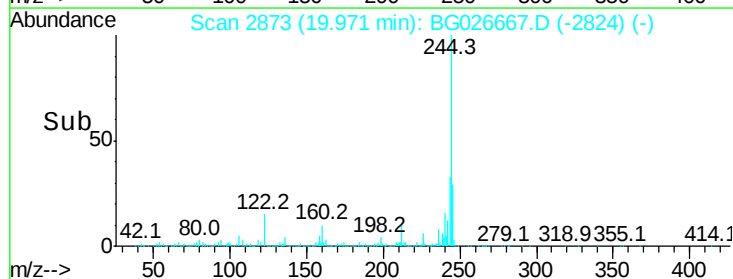
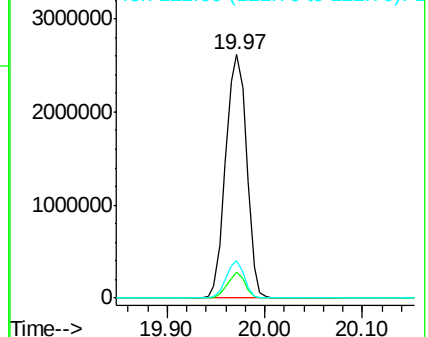
122 15.3 8.6 12.8

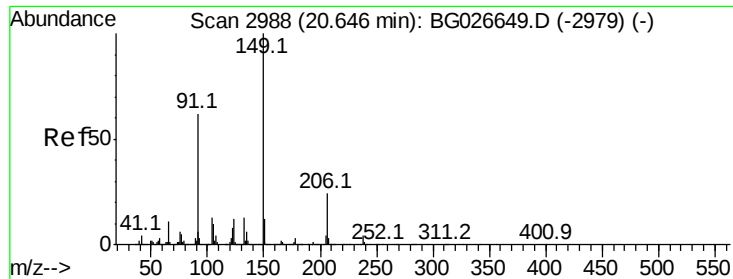


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

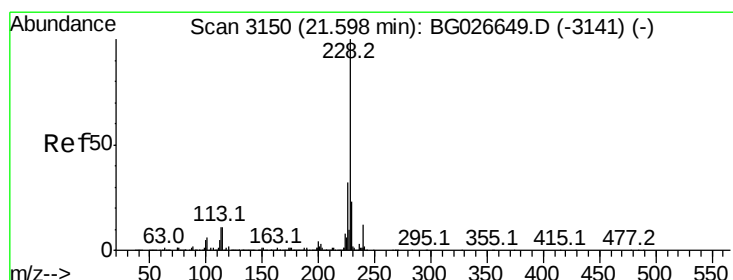
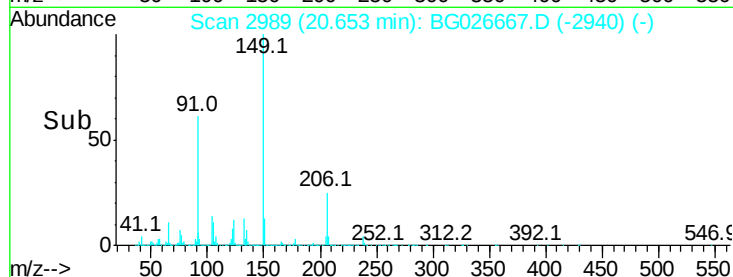
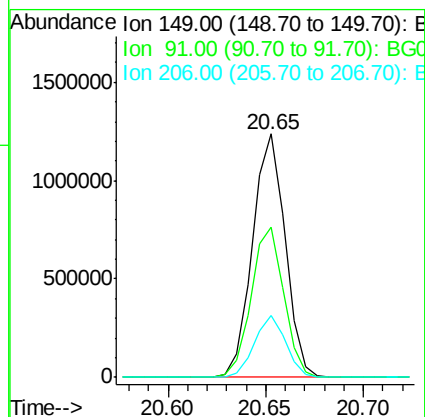
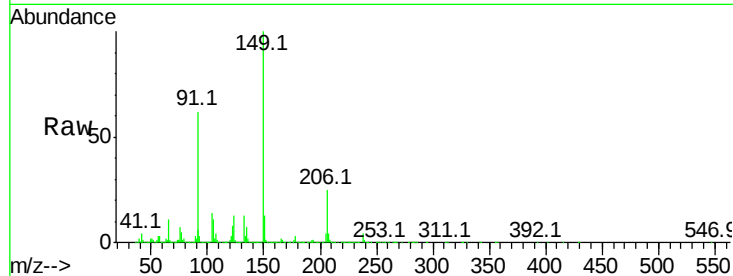




#79
Butylbenzylphthalate
Concen: 50.01 ng
RT: 20.65 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

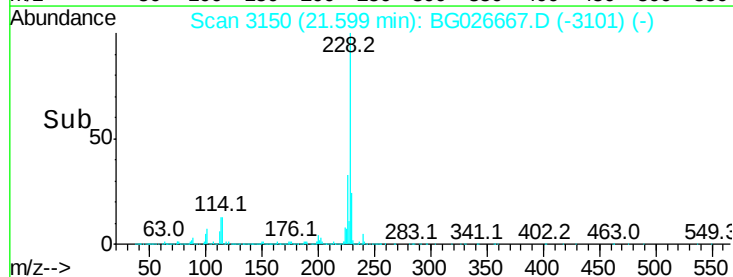
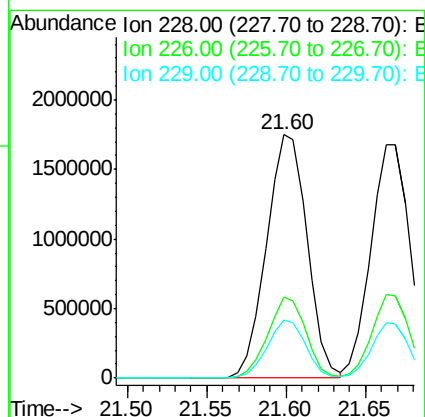
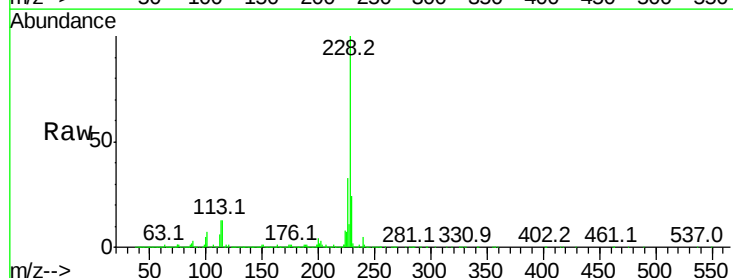
Instrument :
BNA_G
ClientSampleId :

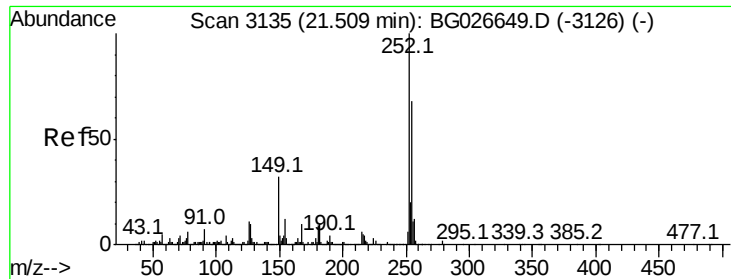
Tot Ion:149 Resp: 1432610
Ion Ratio Lower Upper
149 100
91 61.5 63.5 95.3#
206 25.3 21.0 31.6



#80
Benzo(a)anthracene
Concen: 46.67 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.02 min
Lab File: BG026667.D
Acq: 19 Apr 2017 22:11

Tgt Ion:228 Resp: 3117204
Ion Ratio Lower Upper
228 100
226 33.1 24.9 37.3
229 23.9 18.2 27.2

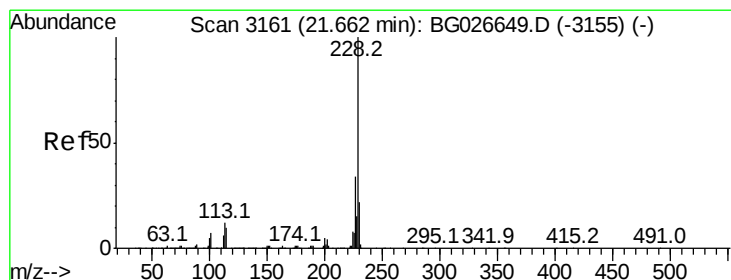
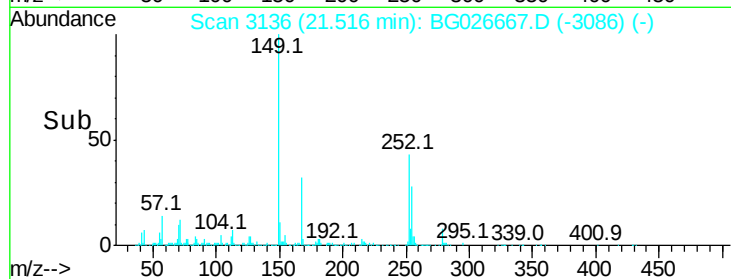
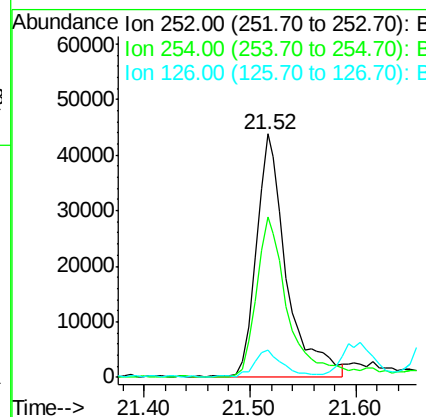
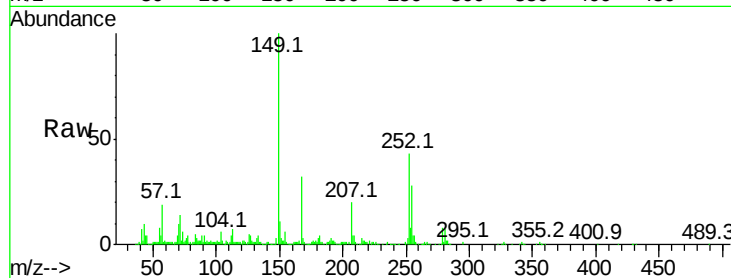




#81
 3,3'-Dichlorobenzidine
 Concen: 3.16 ng
 RT: 21.52 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

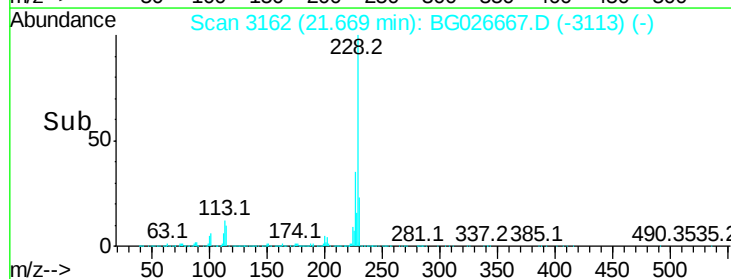
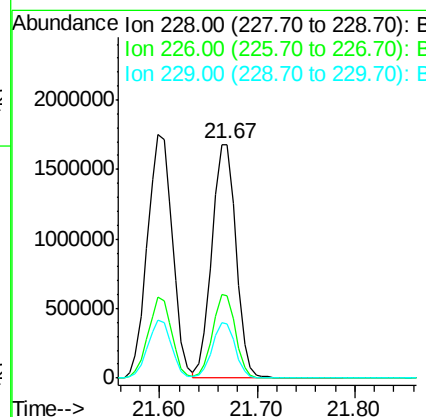
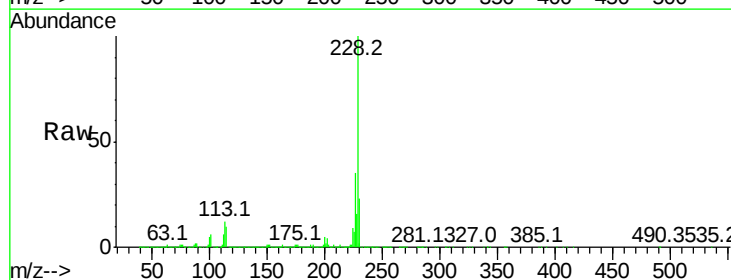
Instrument :
 BNA_G
 ClientSampleId :

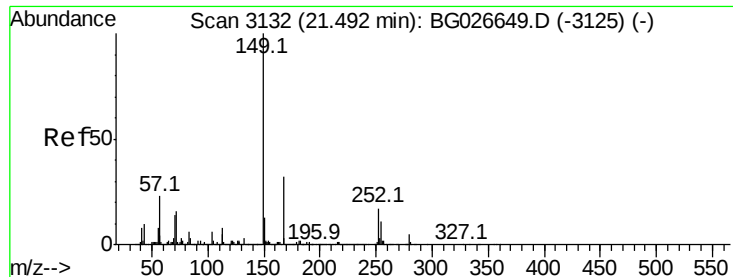
Tot Ion:252 Resp: 87395
 Ion Ratio Lower Upper
 252 100
 254 66.0 53.1 79.7
 126 11.5 7.0 10.4#



#82
 Chrysene
 Concen: 46.94 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:228 Resp: 2885312
 Ion Ratio Lower Upper
 228 100
 226 35.3 27.0 40.4
 229 23.5 17.8 26.6

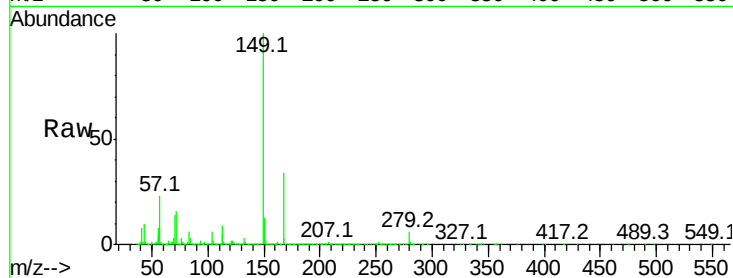




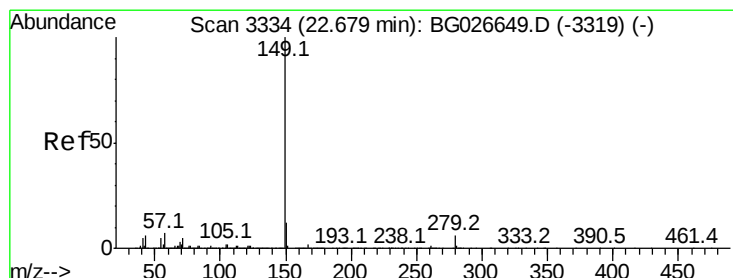
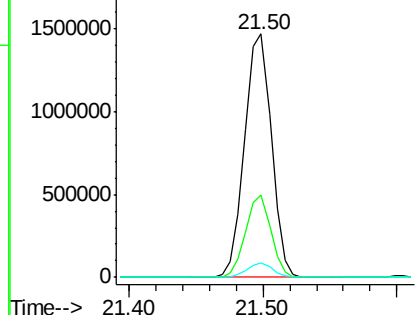
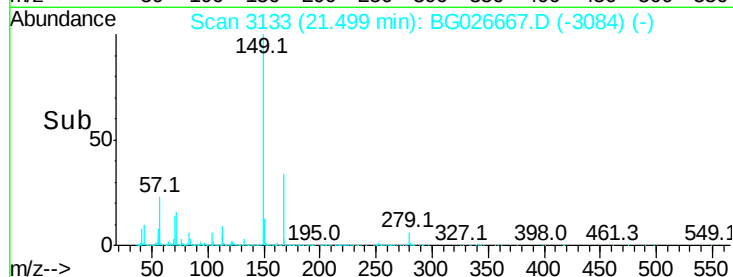
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.19 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 2030929
 Ion Ratio Lower Upper
 149 100
 167 33.9 23.7 35.5
 279 6.2 4.6 6.8

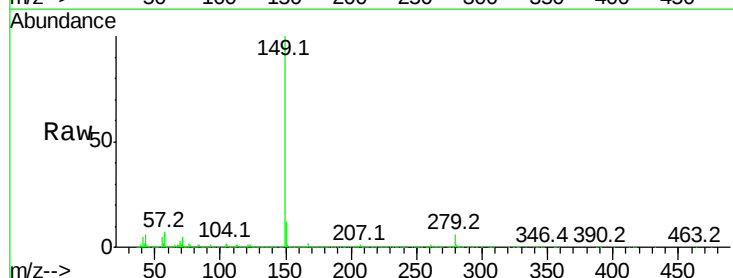


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

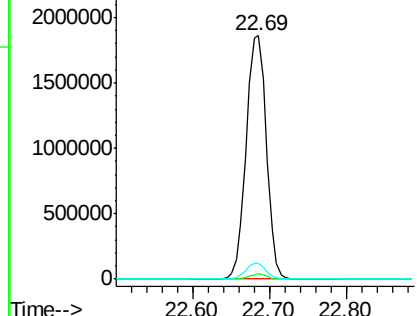
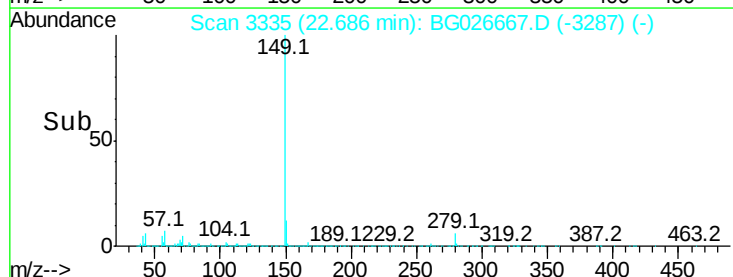


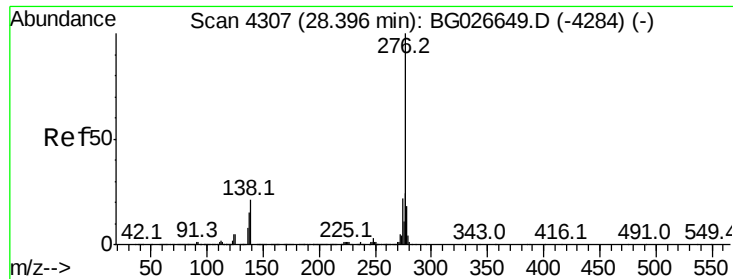
#84
 Di-n-octyl phthalate
 Concen: 49.81 ng
 RT: 22.69 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BG026667.D
 Acq: 19 Apr 2017 22:11

Tgt Ion:149 Resp: 3433533
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 6.1 11.8 17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.01 ng

RT: 28.41 min Scan# 4309

Delta R.T. -0.05 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

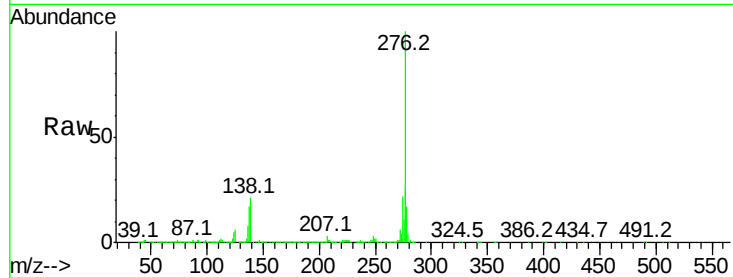
Tot Ion:276 Resp: 4046014

Ion Ratio Lower Upper

276 100

138 26.3 4.7 7.1#

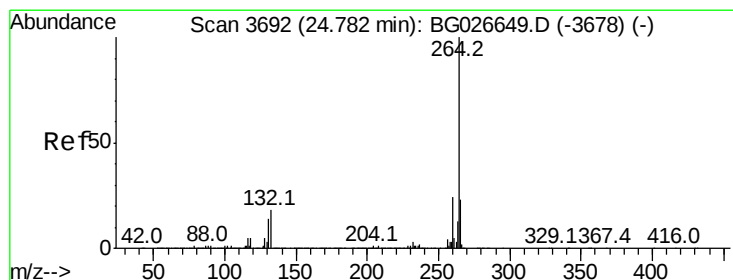
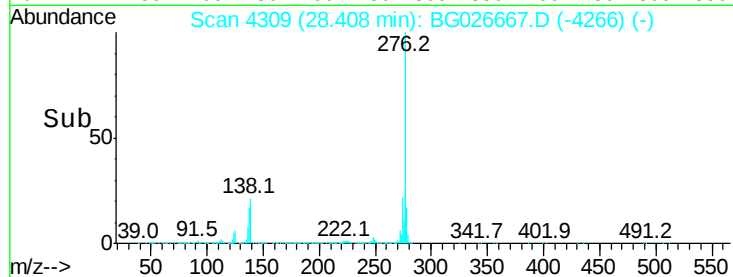
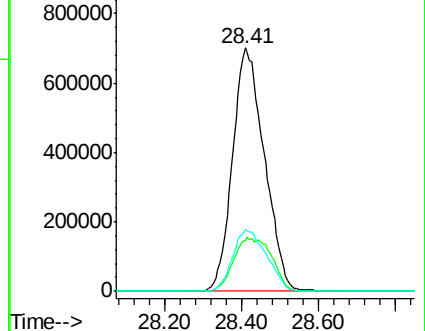
277 26.9 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

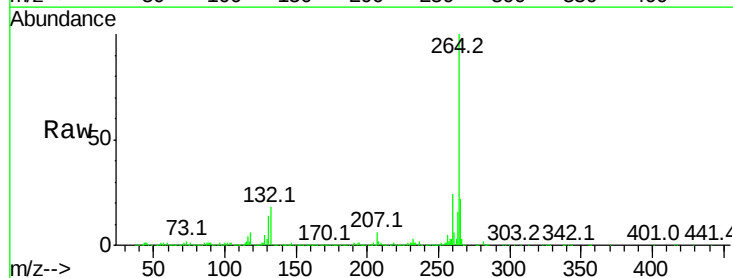
Tgt Ion:264 Resp: 1132706

Ion Ratio Lower Upper

264 100

260 23.6 21.8 32.8

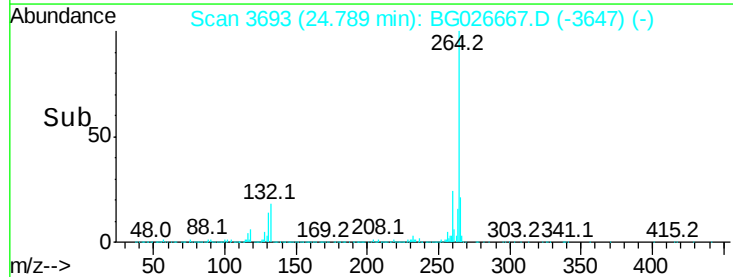
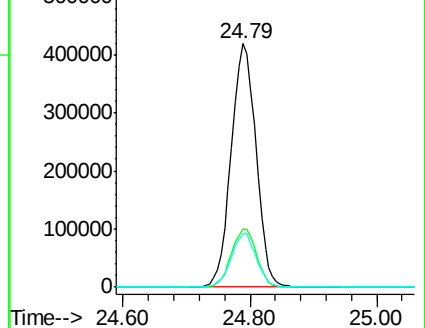
265 21.5 18.2 27.4

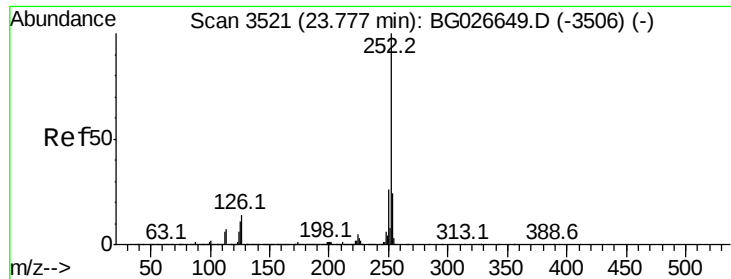


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.19 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

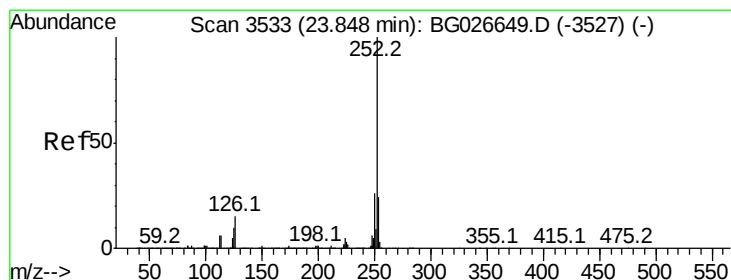
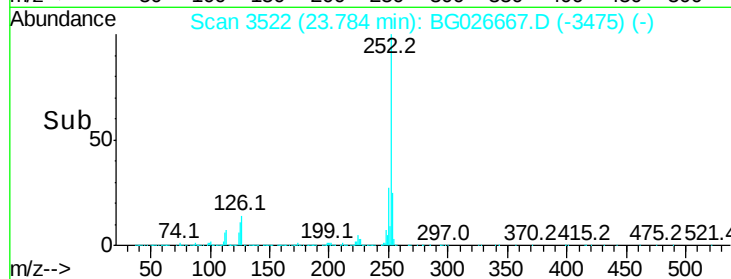
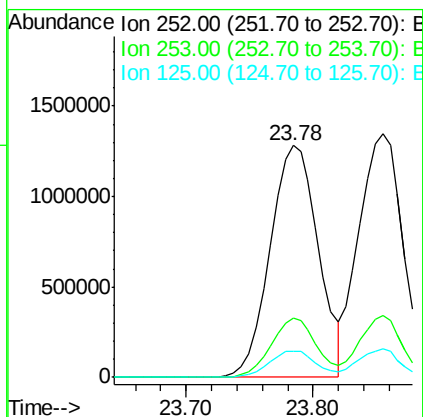
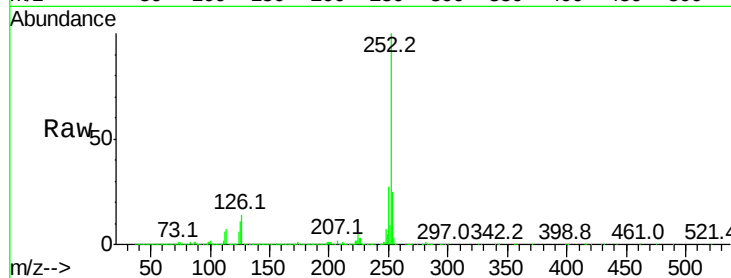
Tot Ion:252 Resp: 3384810

Ion Ratio Lower Upper

252 100

253 25.4 18.7 28.1

125 11.5 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 51.99 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

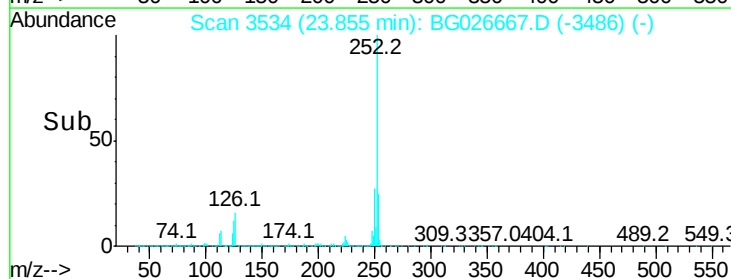
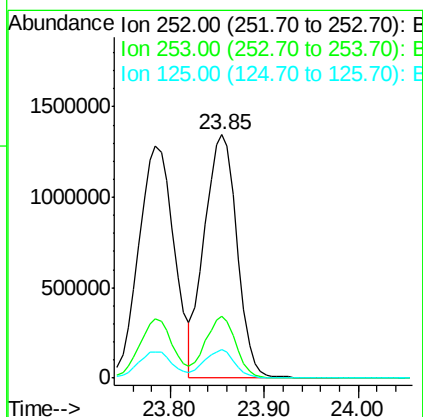
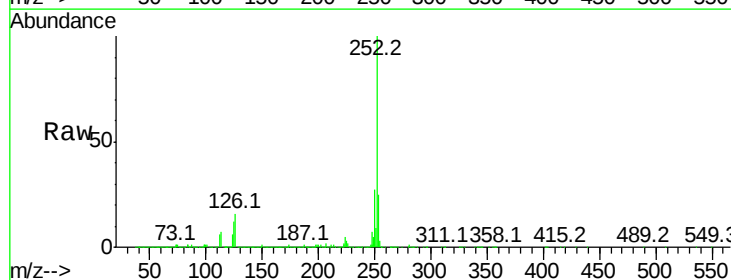
Tgt Ion:252 Resp: 3250097

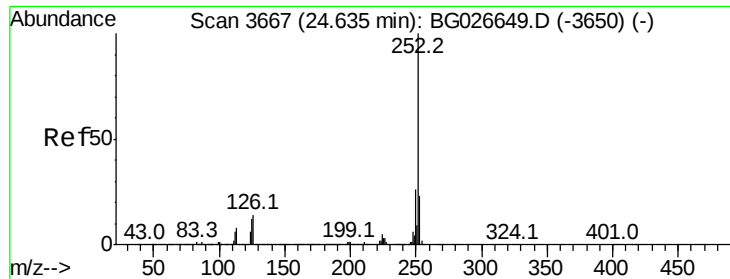
Ion Ratio Lower Upper

252 100

253 25.4 20.2 30.2

125 11.7 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 50.63 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

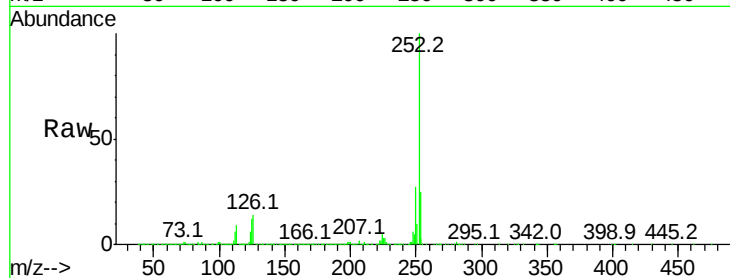
Tot Ion:252 Resp: 3169778

Ion Ratio Lower Upper

252 100

253 24.7 19.2 28.8

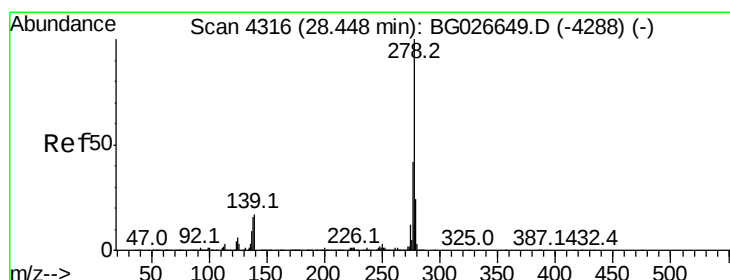
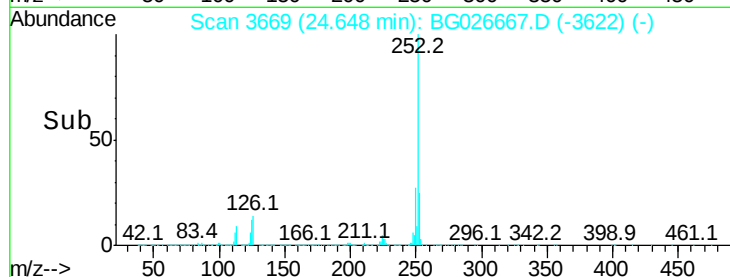
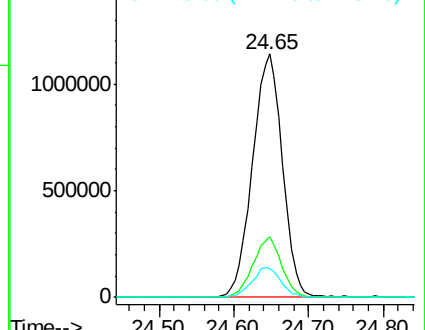
125 12.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.78 ng

RT: 28.47 min Scan# 4320

Delta R.T. -0.04 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

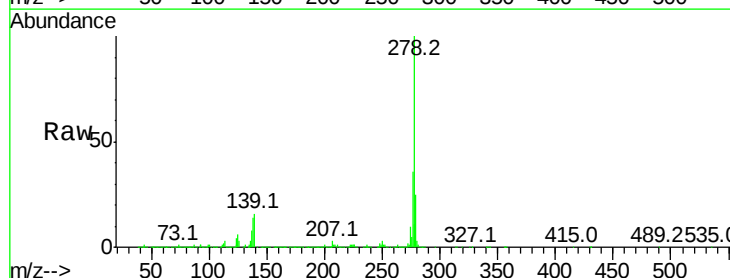
Tgt Ion:278 Resp: 3458501

Ion Ratio Lower Upper

278 100

139 16.2 7.7 11.5#

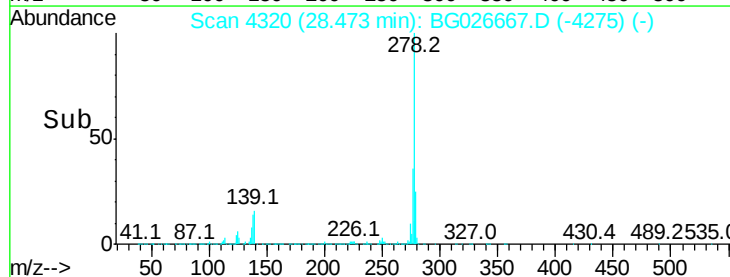
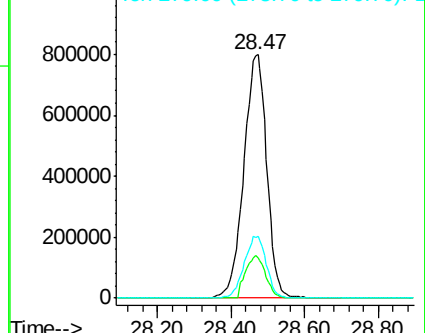
279 25.3 19.1 28.7

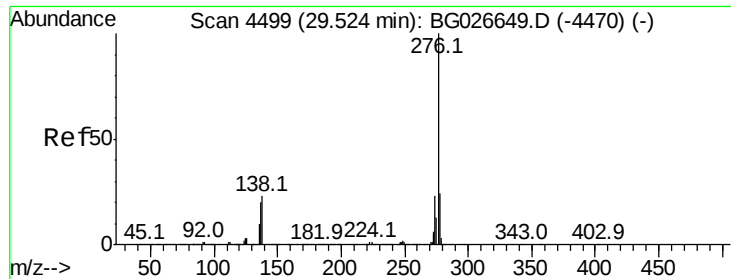


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.34 ng

RT: 29.55 min Scan# 4503

Delta R.T. -0.04 min

Lab File: BG026667.D

Acq: 19 Apr 2017 22:11

Instrument :

BNA_G

ClientSampleId :

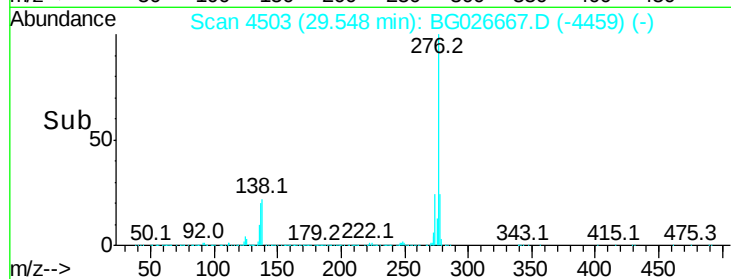
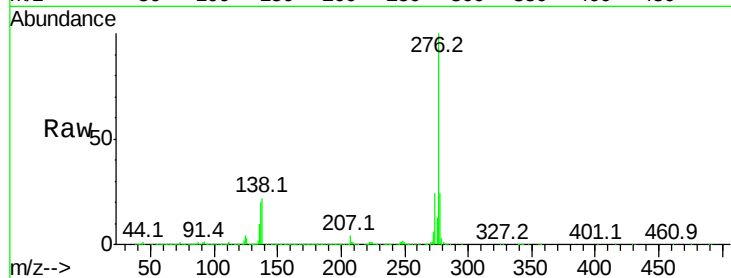
Tot Ion:276 Resp: 3301613

Ion Ratio Lower Upper

276 100

277 24.4 18.6 27.8

138 22.3 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

