

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027777.D
 Acq On : 1 Jul 2017 10:34
 Operator : SJ/JU
 Sample : I3956-05MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 18:07:07 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	28241	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	144211	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	101672	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	255935	20.00	ng	0.00
75) Chrysene-d12	22.18	240	264175	20.00	ng	0.00
86) Perylene-d12	25.80	264	243603	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.06	112	243529	132.79	ng	0.00
7) Phenol-d6	7.62	99	323958	115.63	ng	0.00
23) Nitrobenzene-d5	9.65	82	223191	86.27	ng	0.00
41) 2,4,6-Tribromophenol	16.56	330	236123	169.32	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	617029	86.67	ng	0.00
78) Terphenyl-d14	20.39	244	1110869	98.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.06	88	20892	30.60	ng	# 91
3) Pyridine	4.44	79	73728	35.07	ng	94
4) n-Nitrosodimethylamine	4.34	42	38228	37.08	ng	84
6) Aniline	7.81	93	62894	19.37	ng	99
8) 2-Chlorophenol	8.04	128	93316	45.53	ng	92
9) Benzaldehyde	7.62	77	20962	12.57	ng	97
10) Phenol	7.65	94	110837	39.99	ng	83
11) bis(2-Chloroethyl)ether	7.88	93	88563	42.06	ng	95
12) 1,3-Dichlorobenzene	8.37	146	84530	38.78	ng	# 91
13) 1,4-Dichlorobenzene	8.51	146	87514	38.75	ng	96
14) 1,2-Dichlorobenzene	8.83	146	87104	39.77	ng	93
15) Benzyl Alcohol	8.71	79	84527	43.61	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.99	45	180100	40.10	ng	97
17) 2-Methylphenol	8.90	107	84027	42.85	ng	# 87
18) Hexachloroethane	9.56	117	31392	39.51	ng	# 81
19) n-Nitroso-di-n-propylamine	9.26	70	78269	38.40	ng	# 93
20) 3+4-Methylphenols	9.22	107	119100	42.11	ng	87
22) Acetophenone	9.30	105	143272	41.17	ng	# 90
24) Nitrobenzene	9.69	77	109124	40.34	ng	# 83
25) Isophorone	10.20	82	230725	40.91	ng	95
26) 2-Nitrophenol	10.40	139	53271	43.60	ng	# 83
27) 2,4-Dimethylphenol	10.44	122	105864	46.26	ng	90
28) bis(2-Chloroethoxy)methane	10.67	93	123002	38.47	ng	# 96
29) 2,4-Dichlorophenol	10.93	162	99470	49.60	ng	96
30) 1,2,4-Trichlorobenzene	11.15	180	88432	43.24	ng	# 95
31) Naphthalene	11.34	128	318465	41.53	ng	98
32) Benzoic acid	10.56	122	54975	40.91	ng	# 78
34) Hexachlorobutadiene	11.62	225	51437	45.14	ng	94
35) Caprolactam	12.22	113	22682	22.49	ng	99
36) 4-Chloro-3-methylphenol	12.53	107	141617	50.19	ng	91
37) 2-Methylnaphthalene	12.92	142	251160	43.97	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	115154	43.10	ng	97
40) Hexachlorocyclopentadiene	13.25	237	131801	104.63	ng	98
42) 2,4,6-Trichlorophenol	13.51	196	90939	47.13	ng	98

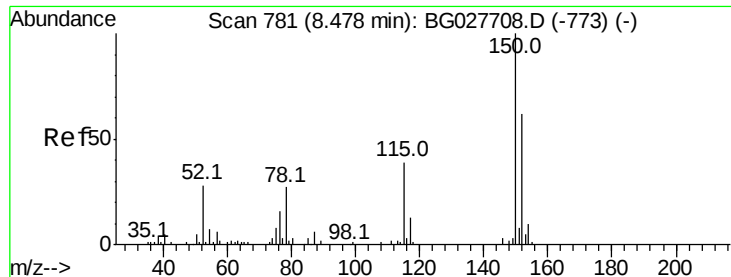
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.58	196	103899	47.52	nq	93
45) 1,1'-Biphenyl	13.90	154	340795	41.82	nq	100
46) 2-Chloronaphthalene	13.95	162	257279	41.79	nq	97
47) 2-Nitroaniline	14.15	65	106732	43.31	nq	# 86
48) Acenaphthylene	14.79	152	461579	41.03	nq	96
49) Dimethylphthalate	14.50	163	392506	45.25	nq	98
50) 2,6-Dinitrotoluene	14.63	165	85199	45.19	nq	83
51) Acenaphthene	15.13	154	288682	40.04	nq	97
52) 3-Nitroaniline	14.97	138	25077	11.31	nq	# 75
53) 2,4-Dinitrophenol	15.17	184	105138	99.29	nq	91
54) Dibenzofuran	15.46	168	446500	46.84	nq	97
55) 4-Nitrophenol	15.26	139	135660	80.12	nq	# 60
56) 2,4-Dinitrotoluene	15.42	165	124965	47.52	nq	# 87
57) Fluorene	16.11	166	403025	43.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.60	232	95185	50.50	nq	95
59) Diethylphthalate	15.86	149	437262	45.53	nq	95
60) 4-Chlorophenyl-phenylether	16.09	204	189642	46.35	nq	93
61) 4-Nitroaniline	16.13	138	73866	31.97	nq	# 68
62) Azobenzene	16.38	77	390921	46.32	nq	93
64) 4,6-Dinitro-2-methylphenol	16.18	198	72331	45.63	nq	81
65) n-Nitrosodiphenylamine	16.31	169	343288	41.23	nq	96
66) 4-Bromophenyl-phenylether	16.99	248	130045	48.58	nq	94
67) Hexachlorobenzene	17.12	284	133703	47.16	nq	97
68) Atrazine	17.24	200	30601	11.64	nq	93
69) Pentachlorophenol	17.46	266	160436	87.98	nq	97
70) Phenanthrene	17.86	178	658626	44.58	nq	95
71) Anthracene	17.95	178	653429	43.80	nq	97
72) Carbazole	18.22	167	506395	34.46	nq	95
73) Di-n-butylphthalate	18.74	149	744923	46.13	nq	# 93
74) Fluoranthene	19.85	202	722730	44.76	nq	94
76) Benzidine	20.01	184	63	3.23	nq	# 64
77) Pyrene	20.22	202	741137	44.70	nq	95
79) Butylbenzylphthalate	21.09	149	339532	45.47	nq	# 88
80) Benzo(a)anthracene	22.16	228	702364	43.98	nq	94
82) Chrysene	22.23	228	650512	43.45	nq	96
83) Bis(2-ethylhexyl)phthalate	22.01	149	487038	44.63	nq	# 95
84) Di-n-octyl phthalate	23.35	149	828142	45.94	nq	# 91
85) Indeno(1,2,3-cd)pyrene	29.96	276	802485	46.90	nq	# 96
87) Benzo(b)fluoranthene	24.64	252	715324	45.58	nq	# 96
88) Benzo(k)fluoranthene	24.72	252	692545	44.64	nq	# 92
89) Benzo(a)pyrene	25.63	252	659952	44.81	nq	# 93
90) Dibenzo(a,h)anthracene	30.03	278	682870	45.77	nq	# 93
91) Benzo(g,h,i)perylene	31.27	276	643058	44.85	nq	# 88

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

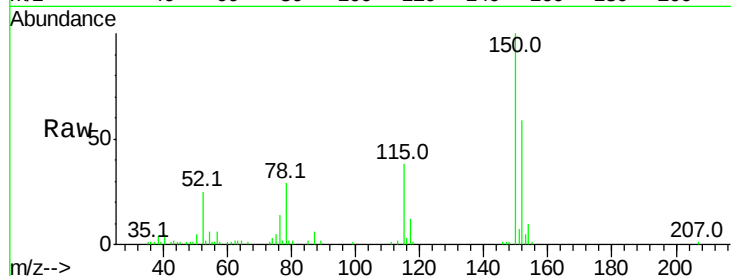


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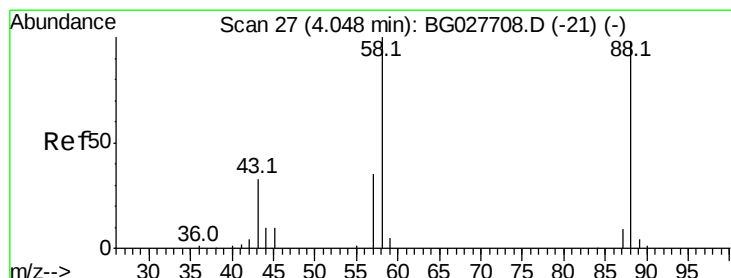
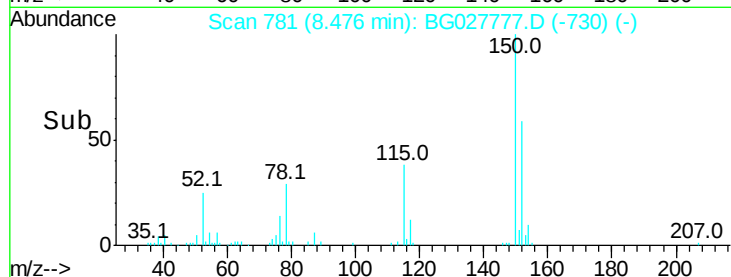
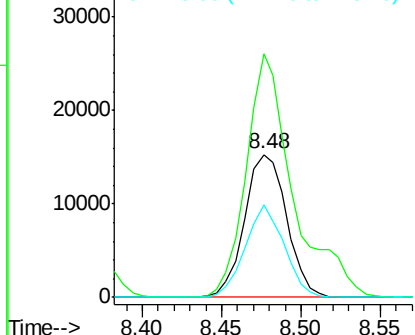
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28241
Ion Ratio Lower Upper
152 100
150 170.8 114.0 171.0
115 64.8 48.1 72.1



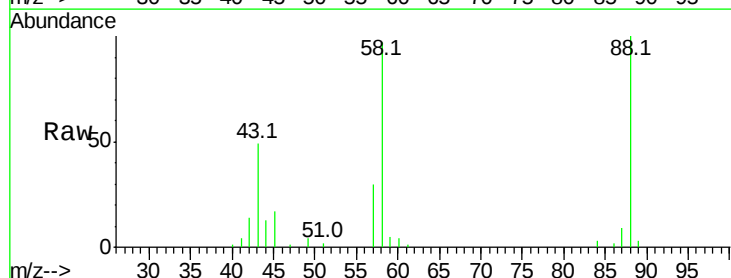
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



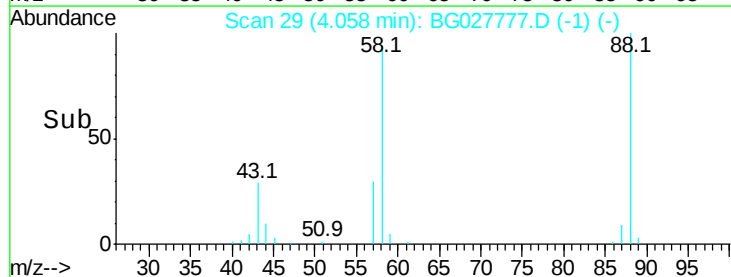
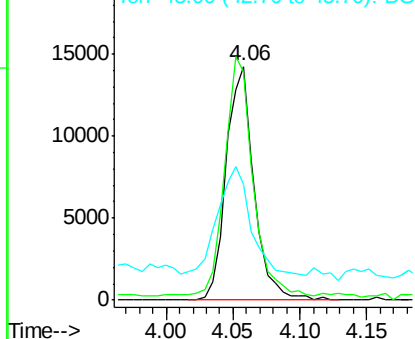
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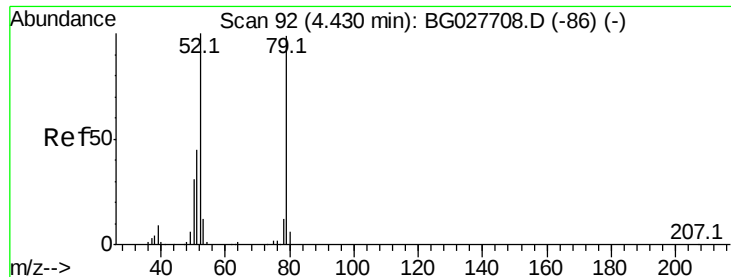
1,4-Dioxane
Concen: 30.60 ng
RT: 4.06 min Scan# 29
Delta R.T. 0.01 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion: 88 Resp: 20892
Ion Ratio Lower Upper
88 100
58 103.8 79.4 119.2
43 55.0 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: 35.07 ng

RT: 4.44 min Scan# 94

Delta R.T. 0.01 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampled :

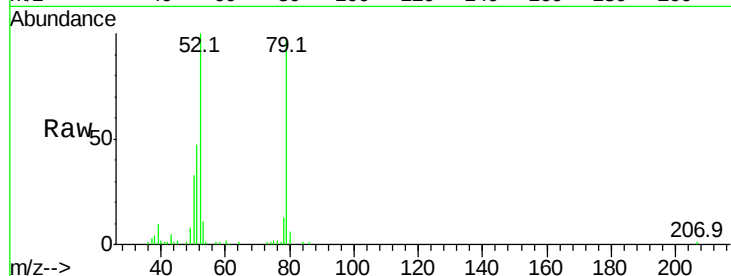
Tot Ion: 79 Resp: 73728

Ion Ratio Lower Upper

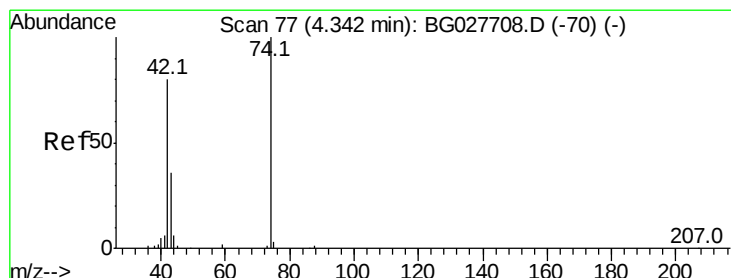
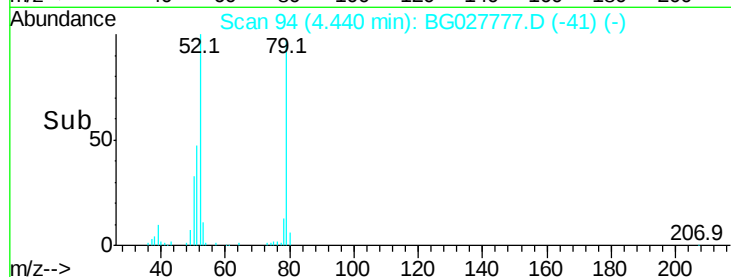
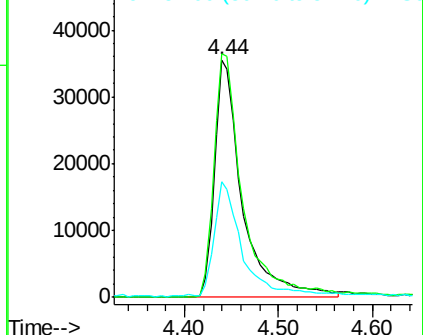
79 100

52 102.6 77.8 116.6

51 48.6 43.2 64.8



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



#4

n-Nitrosodimethylamine

Concen: 37.08 ng

RT: 4.34 min Scan# 77

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

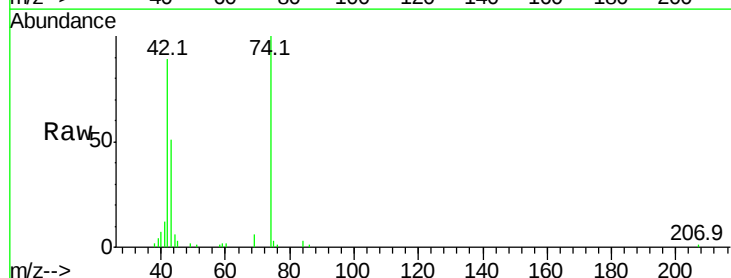
Tgt Ion: 42 Resp: 38228

Ion Ratio Lower Upper

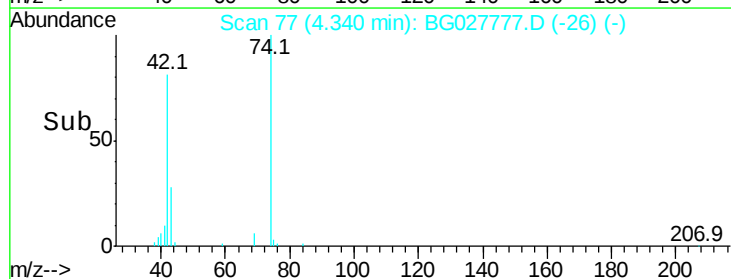
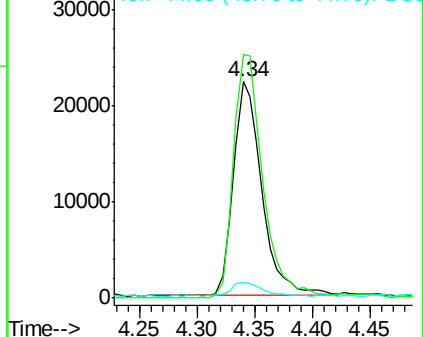
42 100

74 112.5 76.7 115.1

44 7.3 6.1 9.1



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

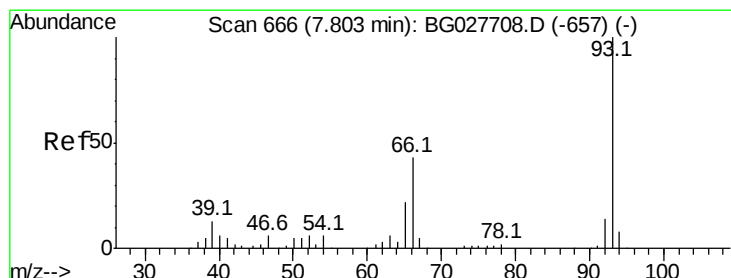
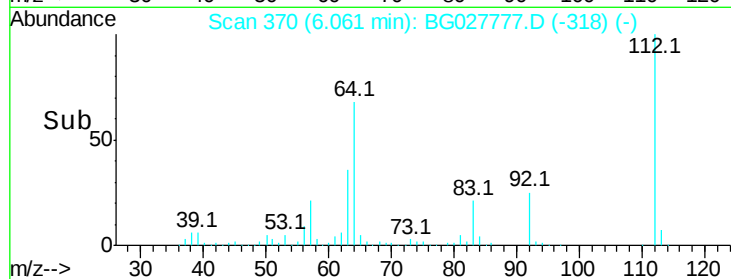
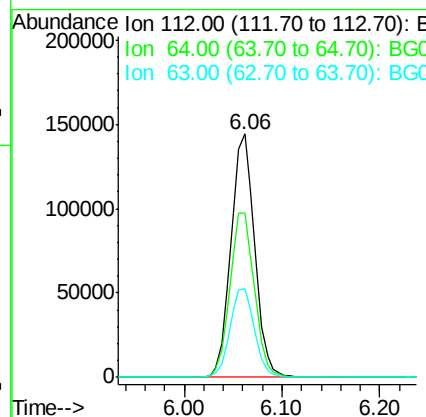
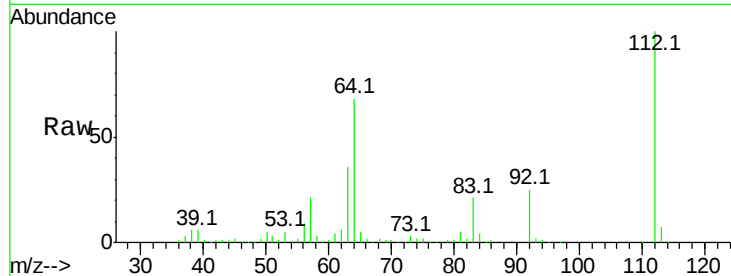




#5
 2-Fluorophenol
 Concen: 132.79 ng
 RT: 6.06 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

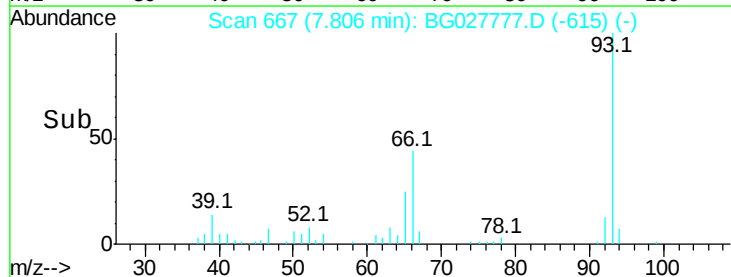
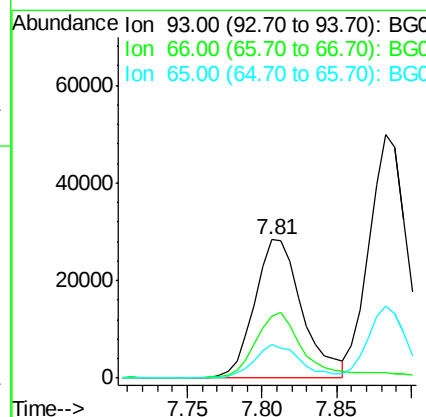
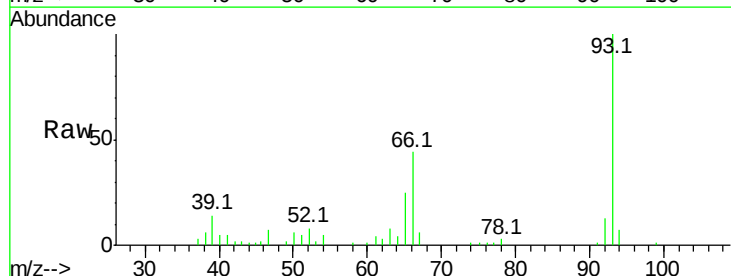
Instrument :
 BNA_G
 ClientSampled :

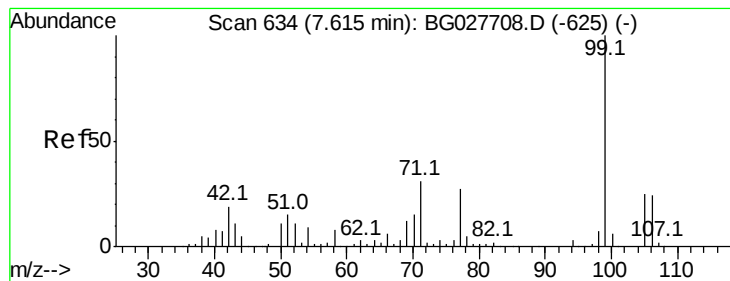
Tot Ion	Ratio	Lower	Upper
112	100		
64	67.5	61.8	92.6
63	36.4	37.2	55.8#



#6
 Aniline
 Concen: 19.37 ng
 RT: 7.81 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.3	35.4	53.2
65	24.6	21.2	31.8





#7

Phenol-d6

Concen: 115.63 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

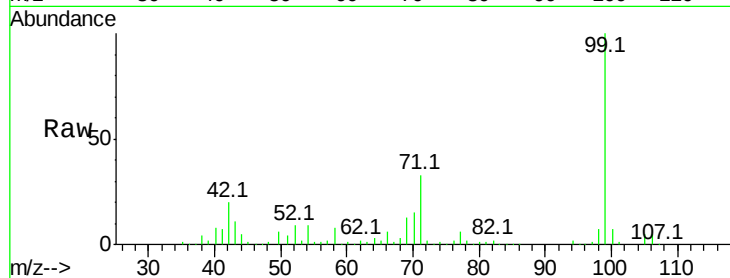
Tot Ion: 99 Resp: 323958

Ion Ratio Lower Upper

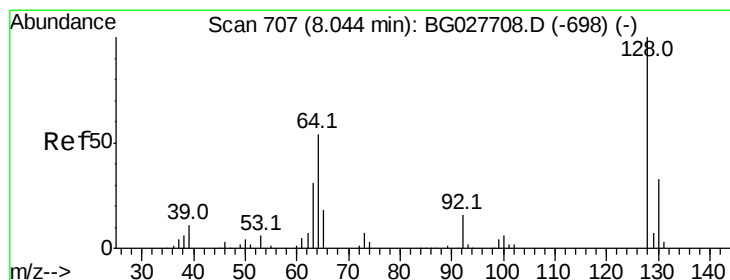
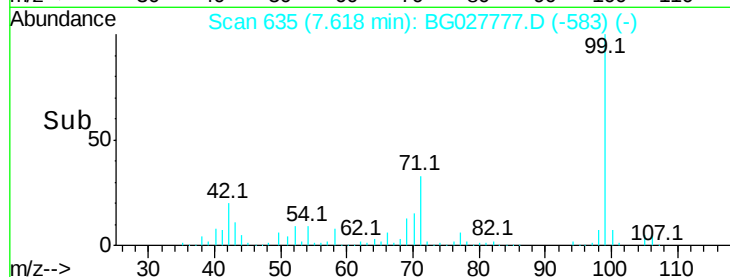
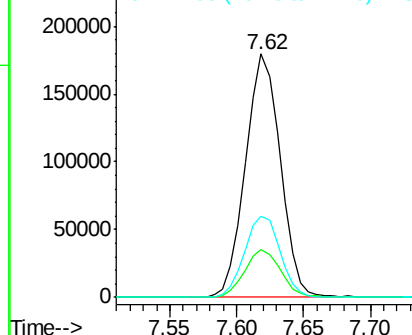
99 100

42 19.8 20.5 30.7#

71 33.0 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: 45.53 ng

RT: 8.04 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

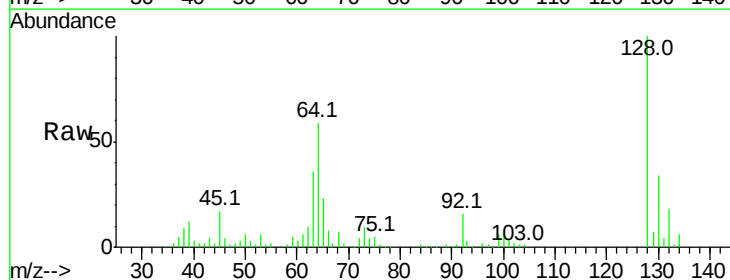
Tgt Ion: 128 Resp: 93316

Ion Ratio Lower Upper

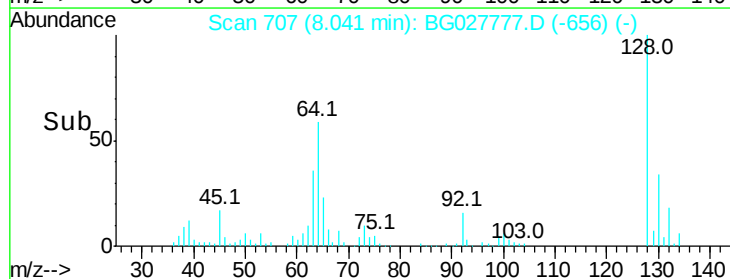
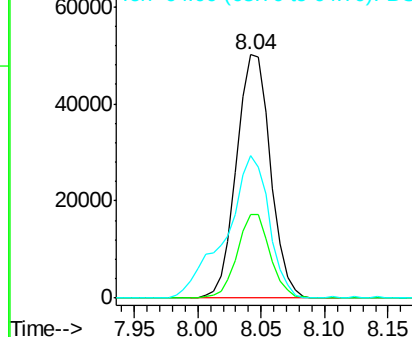
128 100

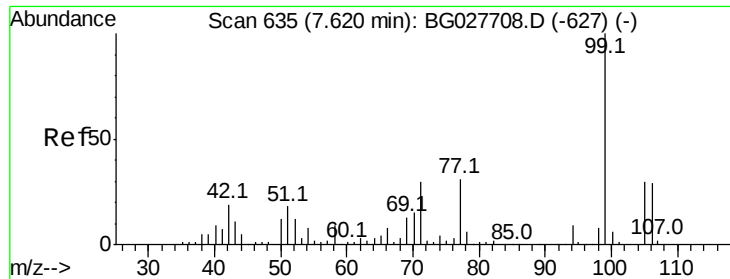
130 34.1 11.4 51.4

64 58.7 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: 12.57 ng

RT: 7.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampled :

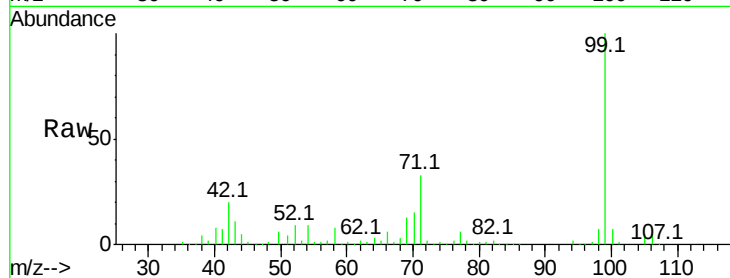
Tot Ion: 77 Resp: 20962

Ion Ratio Lower Upper

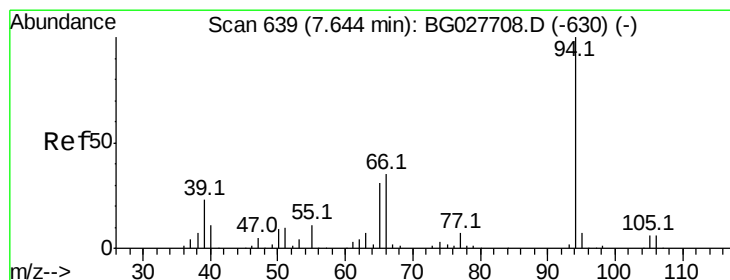
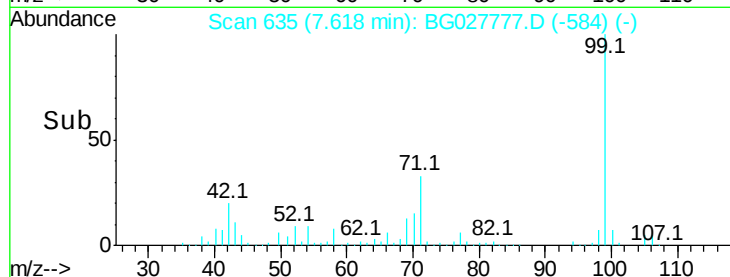
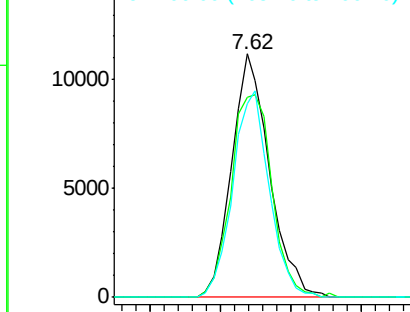
77 100

105 82.1 60.9 100.9

106 79.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.99 ng

RT: 7.65 min Scan# 640

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

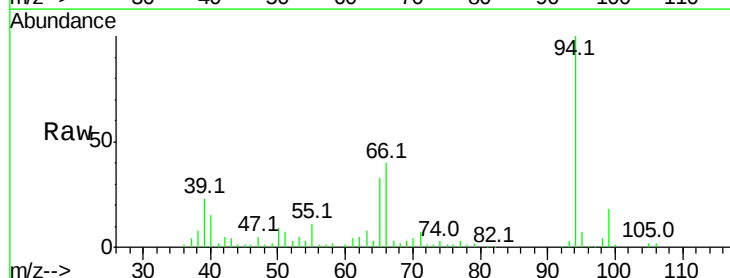
Tgt Ion: 94 Resp: 110837

Ion Ratio Lower Upper

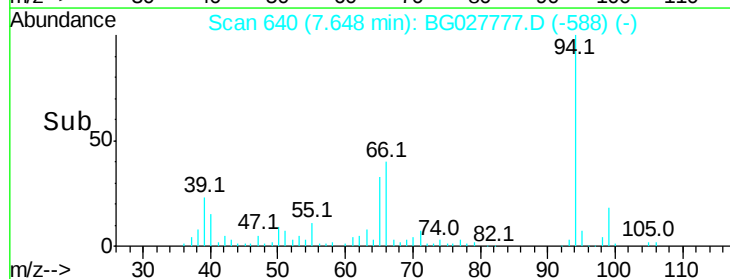
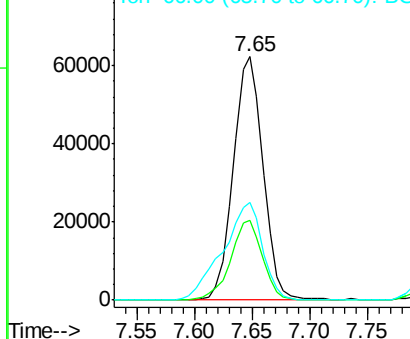
94 100

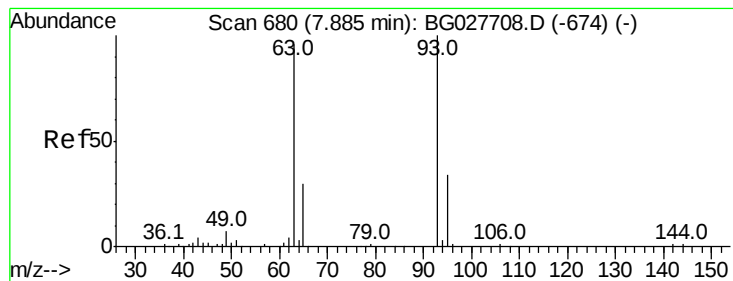
65 33.0 20.6 60.6

66 40.1 35.5 75.5



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

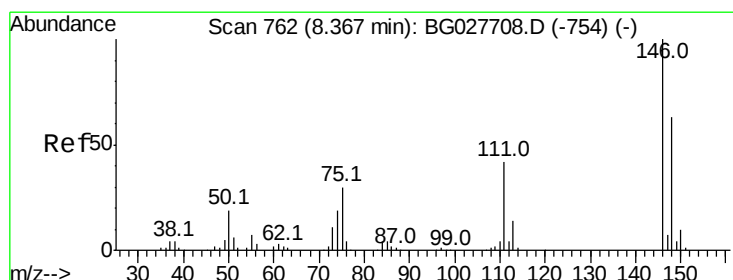
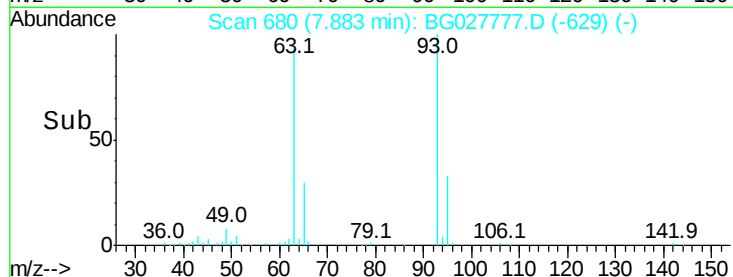
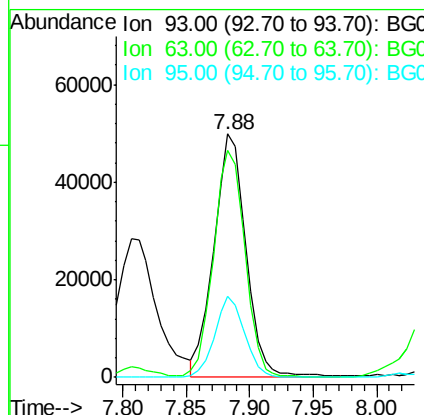
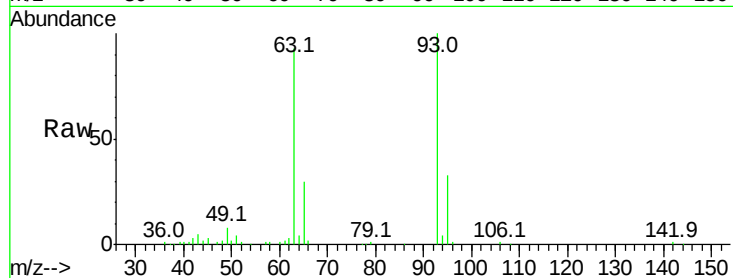




#11
 bis(2-Chloroethyl)ether
 Concen: 42.06 ng
 RT: 7.88 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

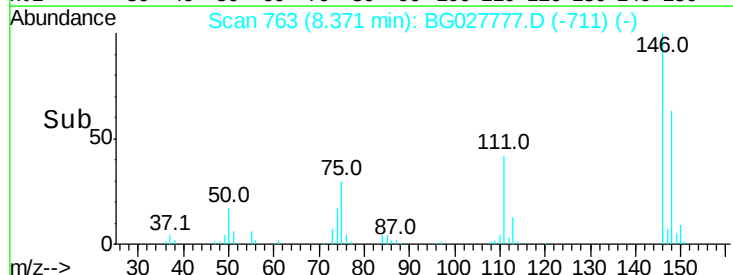
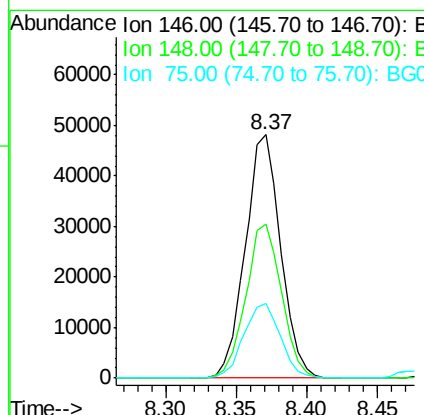
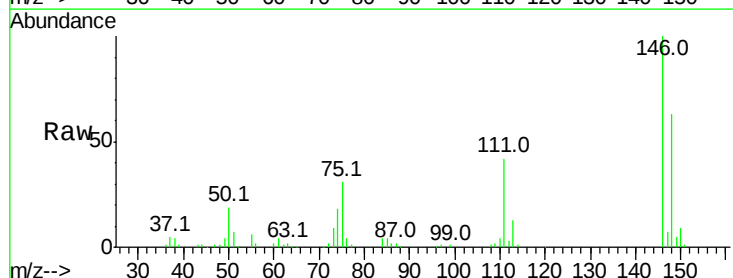
Instrument :
 BNA_G
 ClientSampleId :

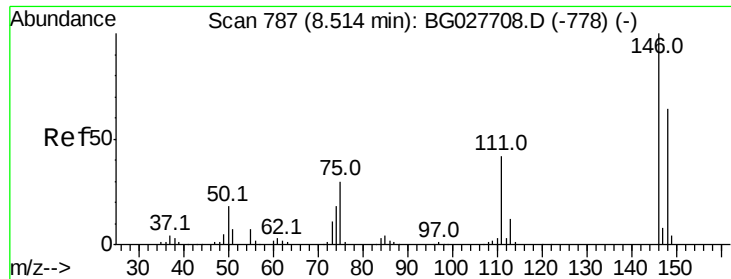
Tot Ion: 93 Resp: 88563
 Ion Ratio Lower Upper
 93 100
 63 93.4 78.5 118.5
 95 33.3 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 38.78 ng
 RT: 8.37 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion: 146 Resp: 84530
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.2 73.8
 75 30.7 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 38.75 ng

RT: 8.51 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

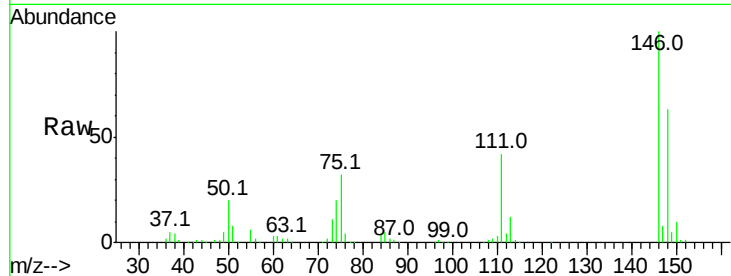
Tot Ion:146 Resp: 87514

Ion Ratio Lower Upper

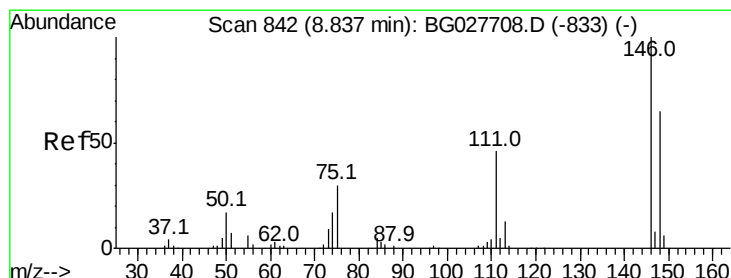
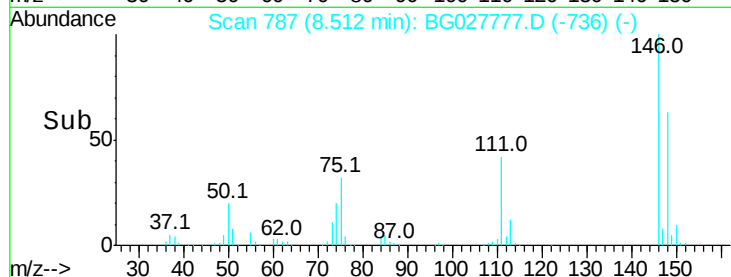
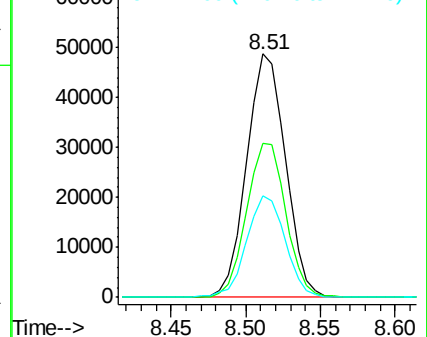
146 100

148 63.3 52.2 78.2

111 41.8 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: 39.77 ng

RT: 8.83 min Scan# 842

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

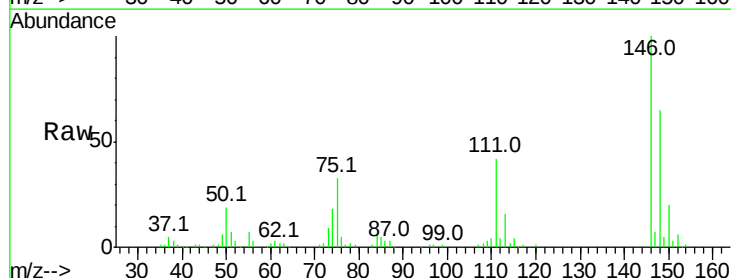
Tgt Ion:146 Resp: 87104

Ion Ratio Lower Upper

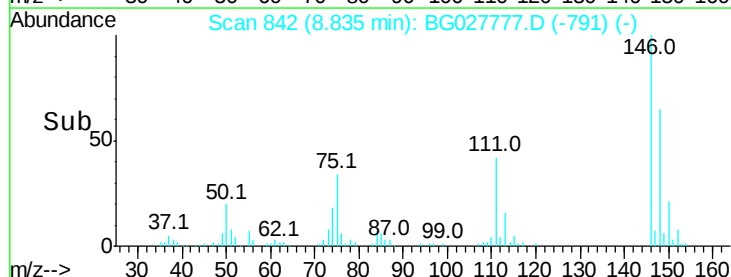
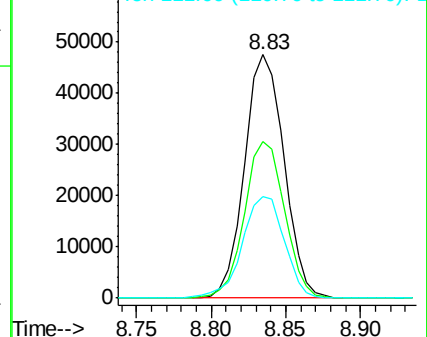
146 100

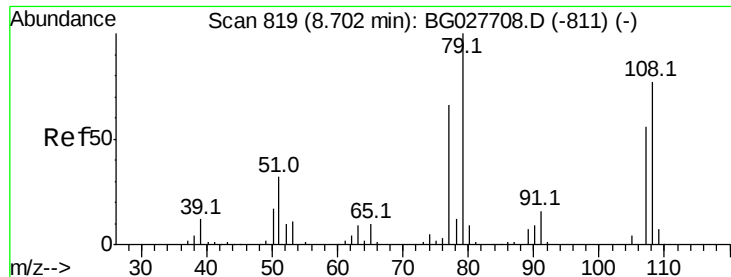
148 64.5 54.6 81.8

111 41.9 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: 43.61 ng

RT: 8.71 min Scan# 820

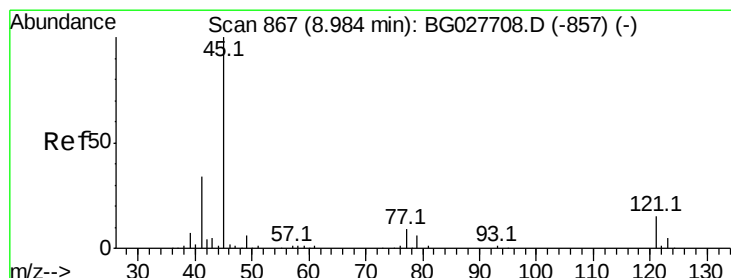
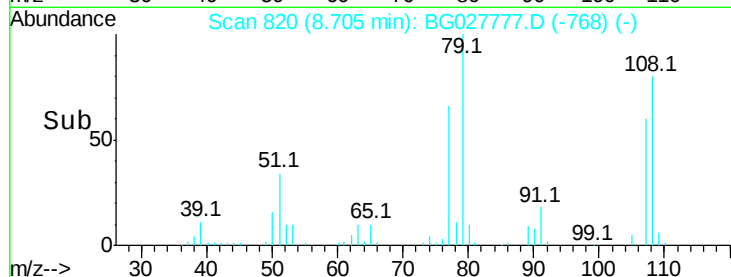
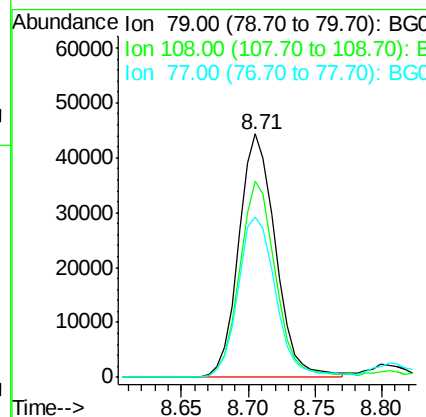
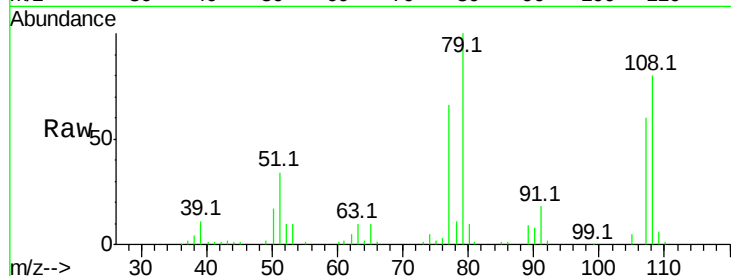
Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 84527
Ion Ratio Lower Upper
79 100
108 80.4 45.5 68.3#
77 65.9 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.10 ng

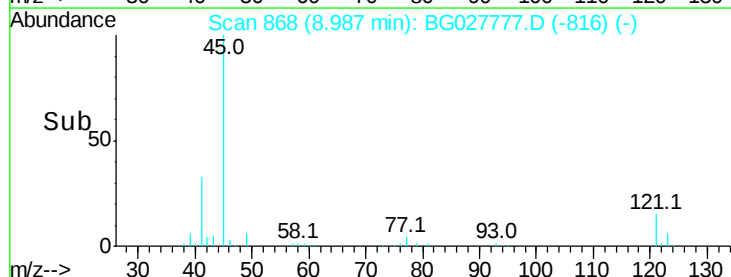
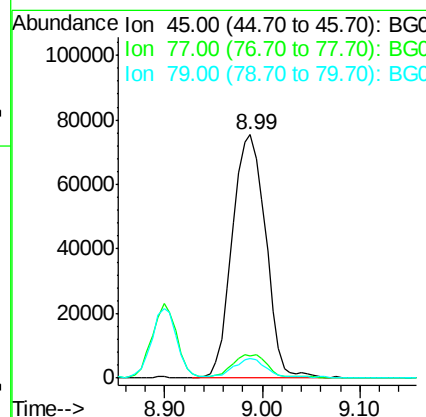
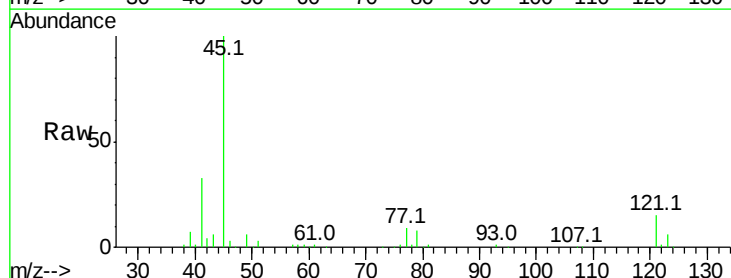
RT: 8.99 min Scan# 868

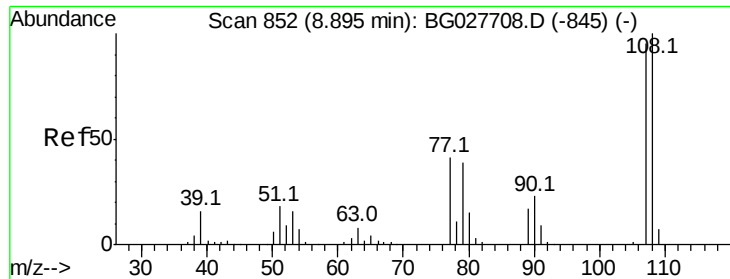
Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Tgt Ion: 45 Resp: 180100
Ion Ratio Lower Upper
45 100
77 9.1 0.0 30.6
79 7.9 0.0 28.5

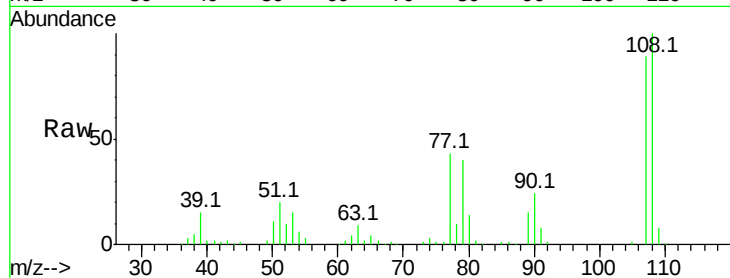




#17
 2-Methylphenol
 Concen: 42.85 ng
 RT: 8.90 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	85.6	128.4
77	48.4	51.4	77.2#
79	45.1	49.2	73.8#



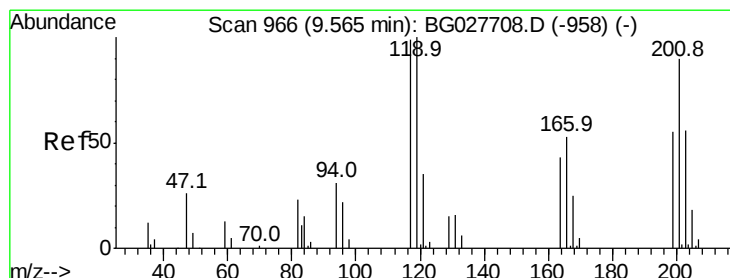
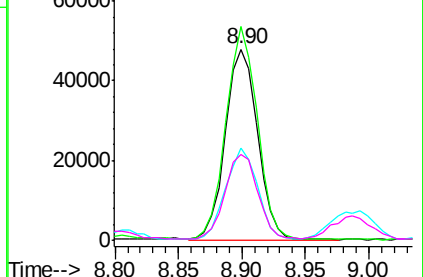
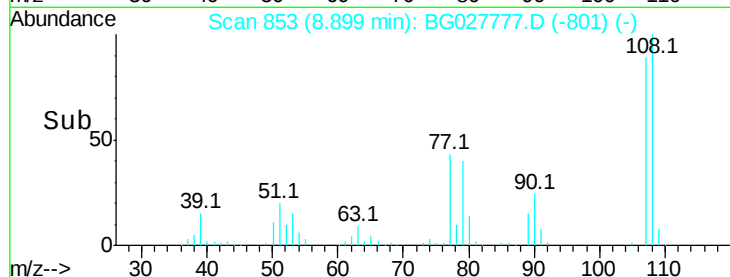
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

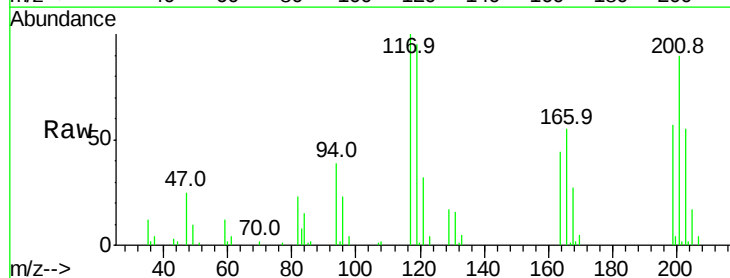
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 39.51 ng
 RT: 9.56 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	69.8	104.6
201	89.6	95.4	143.0#

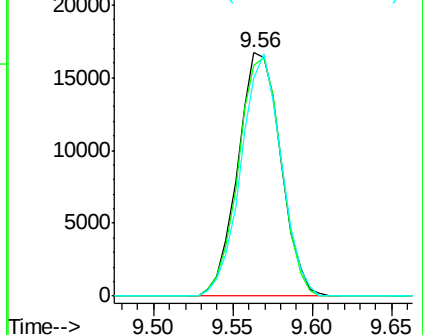
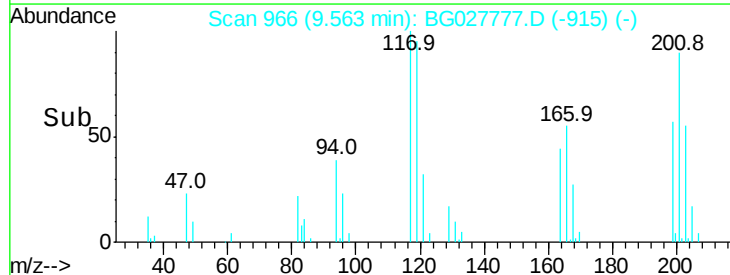


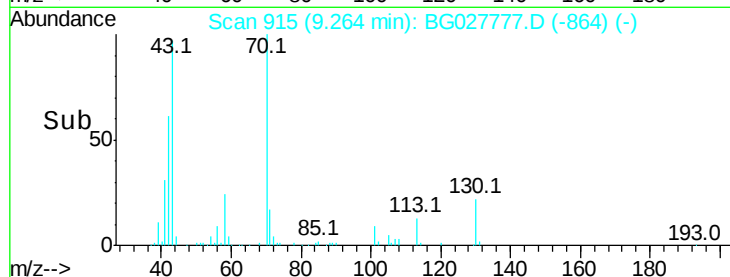
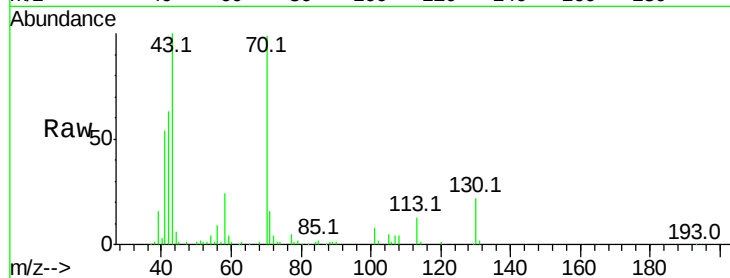
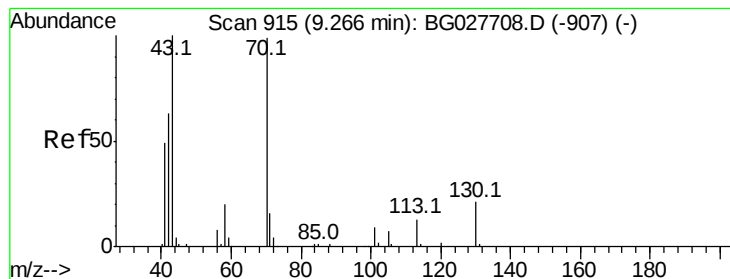
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.40 ng

RT: 9.26 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 78269

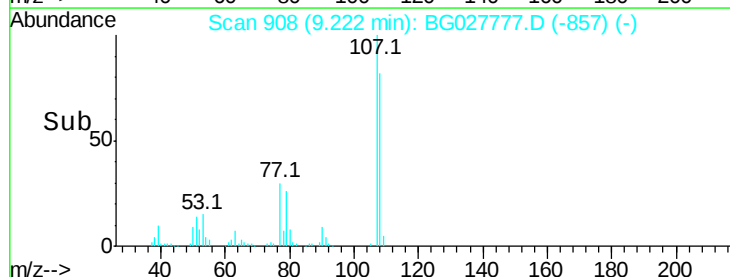
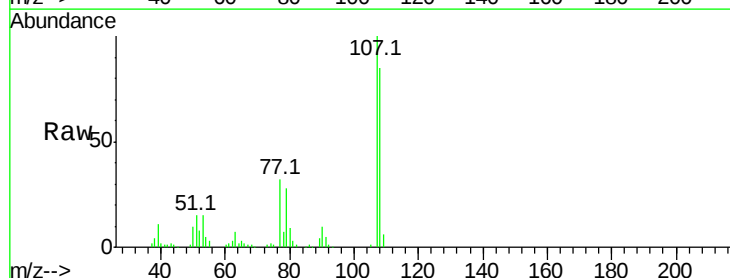
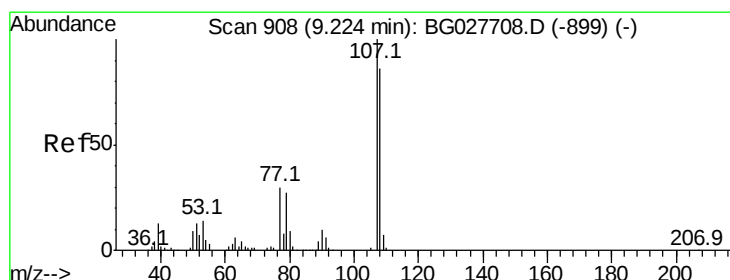
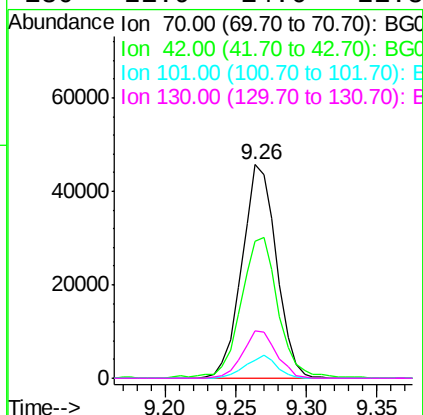
Ion Ratio Lower Upper

70 100

42 64.1 56.1 84.1

101 8.6 7.5 11.3

130 21.9 14.6 21.8#



#20

3+4-Methylphenols

Concen: 42.11 ng

RT: 9.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Tgt Ion:107 Resp: 119100

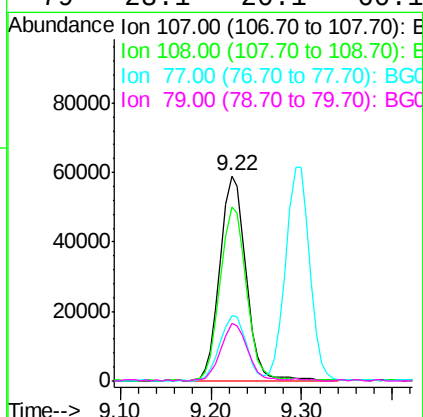
Ion Ratio Lower Upper

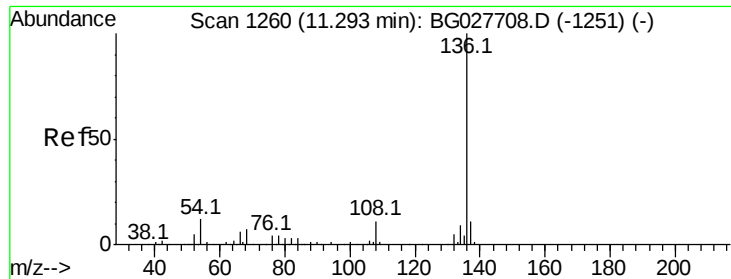
107 100

108 85.2 70.8 110.8

77 31.9 25.8 65.8

79 28.1 20.1 60.1

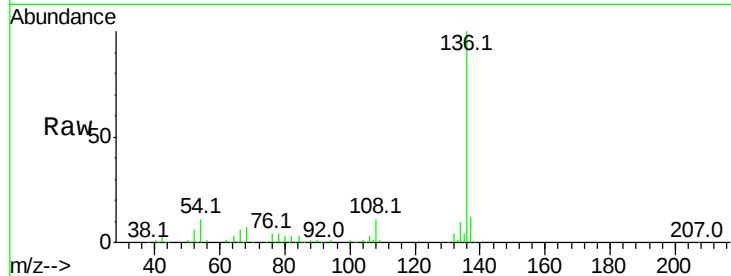




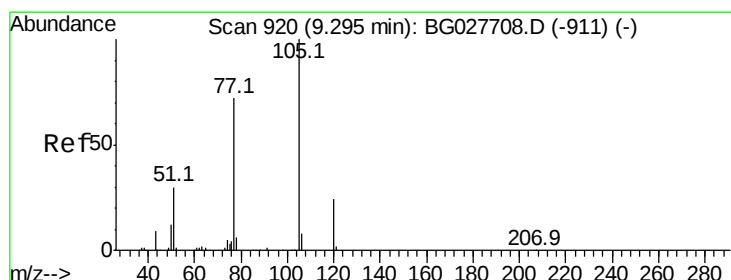
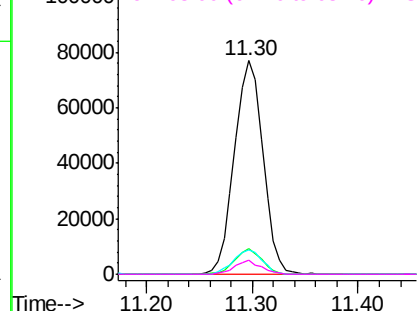
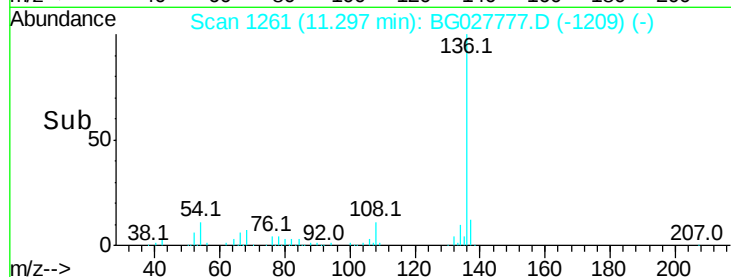
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	144211
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	11.3	9.3	13.9
68	6.9	5.1	7.7

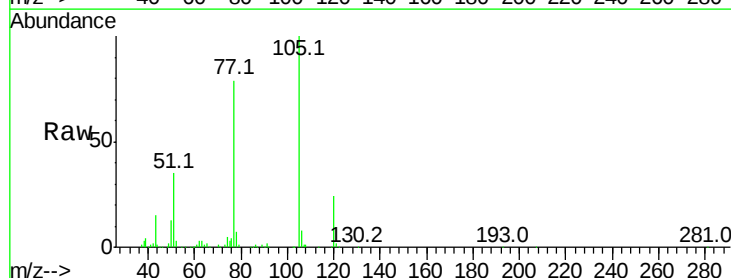


Abundance Ion 136.00 (135.70 to 136.70): E
120000
Ion 137.00 (136.70 to 137.70): E
100000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

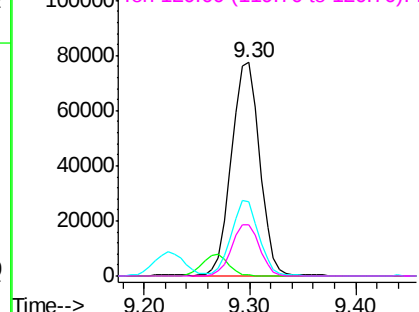
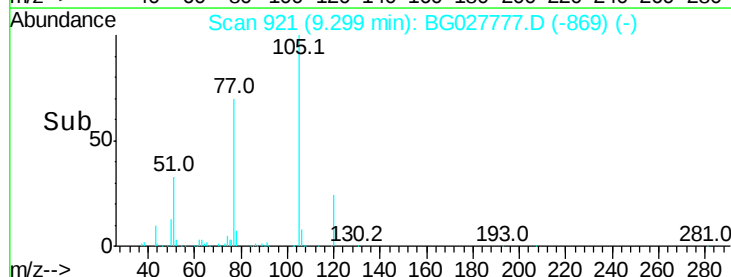


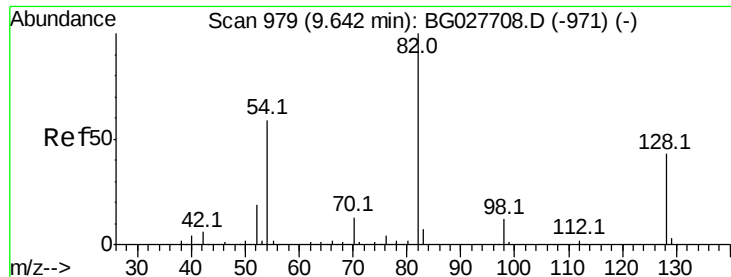
#22
Acetophenone
Concen: 41.17 ng
RT: 9.30 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:	105	Resp:	143272
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.9	1.3#
51	34.8	34.0	51.0
120	24.1	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
120000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

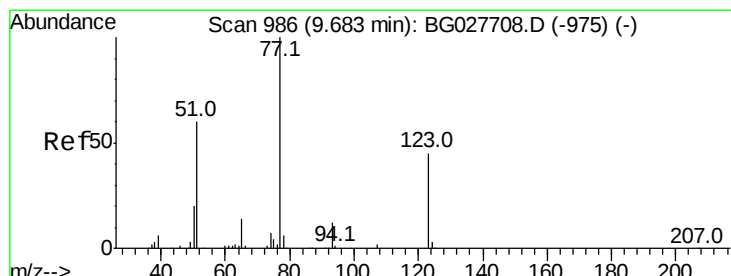
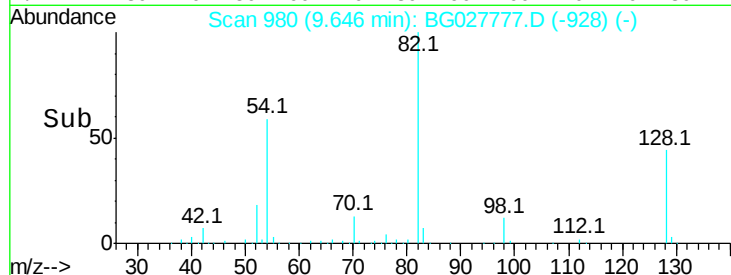
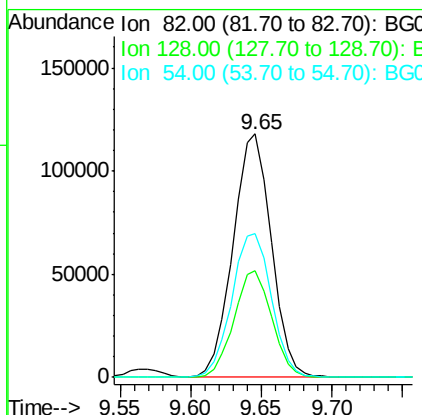
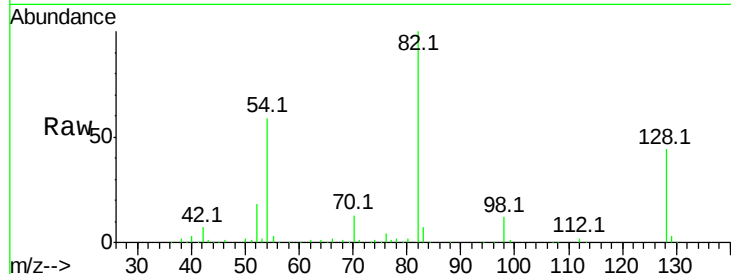




#23
 Nitrobenzene-d5
 Concen: 86.27 ng
 RT: 9.65 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

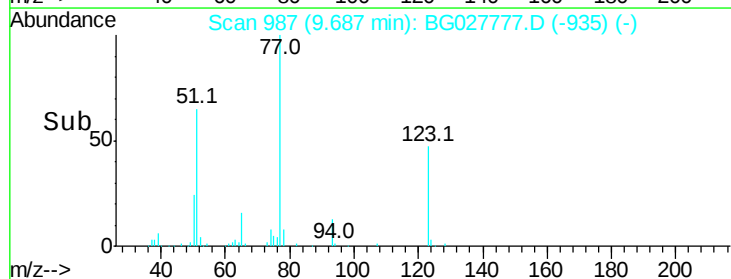
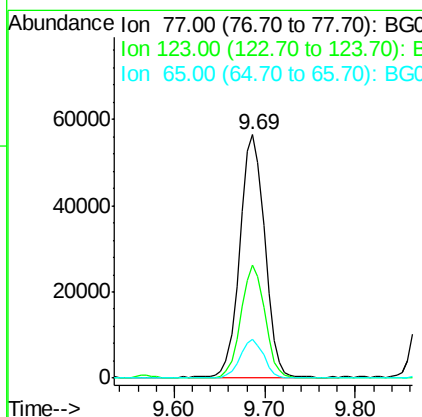
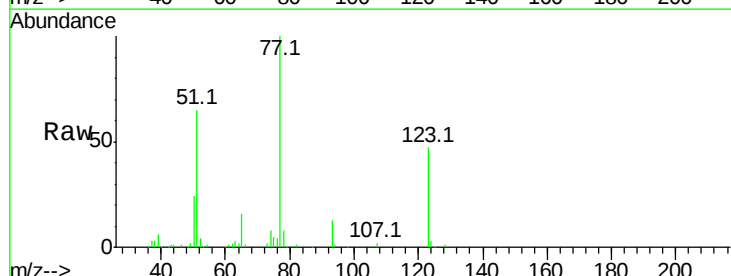
Instrument :
 BNA_G
 ClientSampleId :

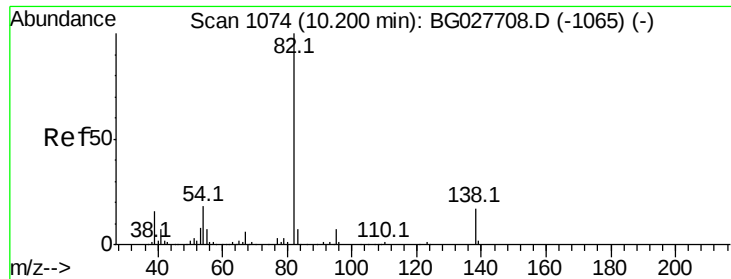
Tot Ion: 82 Resp: 223191
 Ion Ratio Lower Upper
 82 100
 128 43.7 26.4 39.6#
 54 59.2 49.4 74.2



#24
 Nitrobenzene
 Concen: 40.34 ng
 RT: 9.69 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion: 77 Resp: 109124
 Ion Ratio Lower Upper
 77 100
 123 46.6 26.1 39.1#
 65 15.9 12.4 18.6





#25

Isophorone

Concen: 40.91 ng

RT: 10.20 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

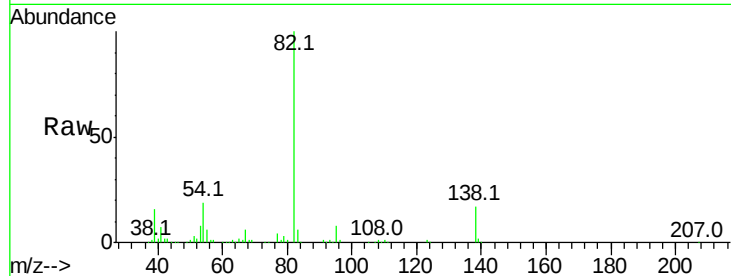
Tot Ion: 82 Resp: 230725

Ion Ratio Lower Upper

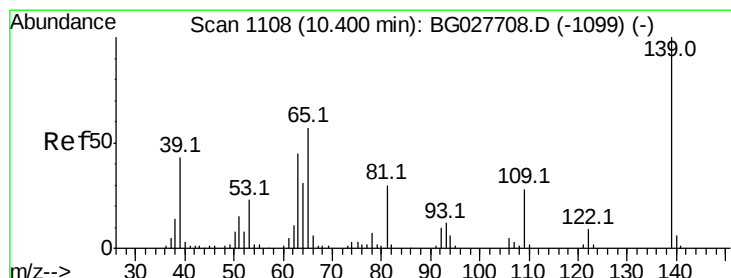
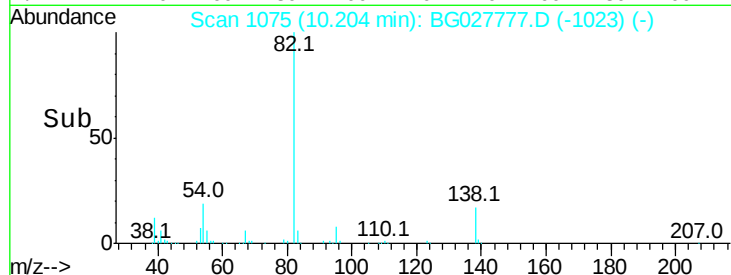
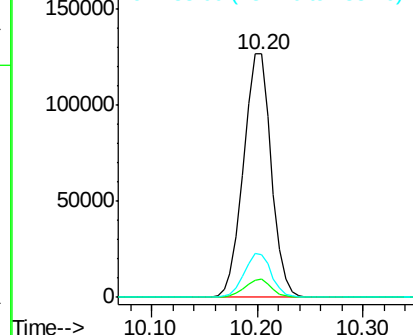
82 100

95 7.7 7.5 11.3

138 17.3 12.3 18.5



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



#26

2-Nitrophenol

Concen: 43.60 ng

RT: 10.40 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

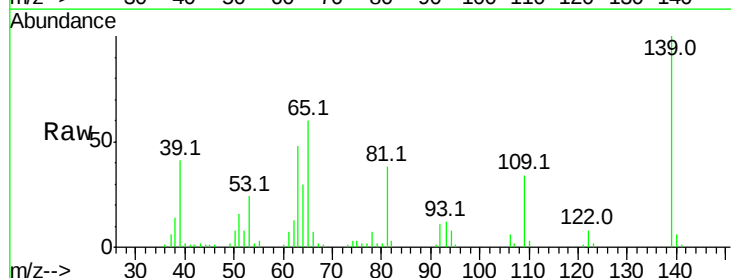
Tgt Ion: 139 Resp: 53271

Ion Ratio Lower Upper

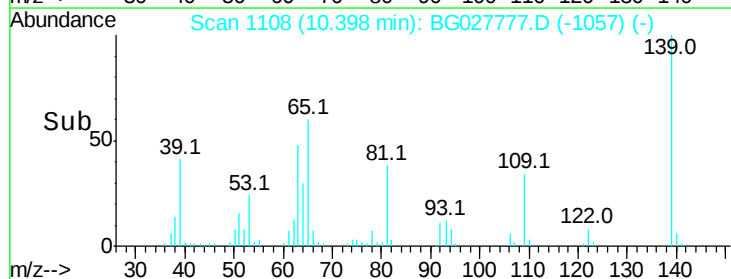
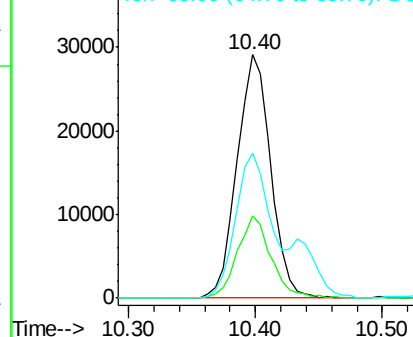
139 100

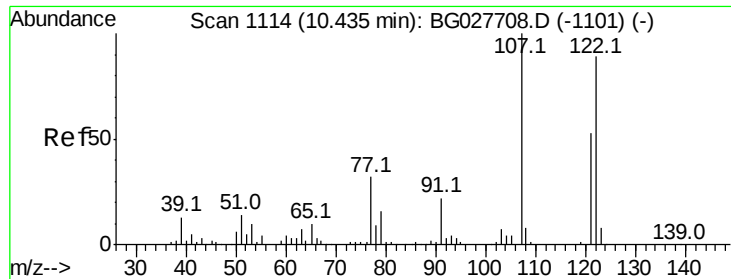
109 33.7 38.6 58.0#

65 59.7 57.1 85.7



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

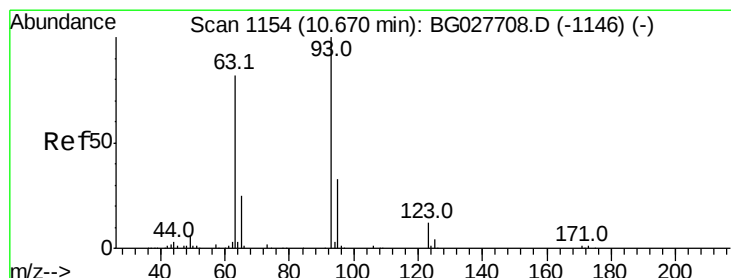
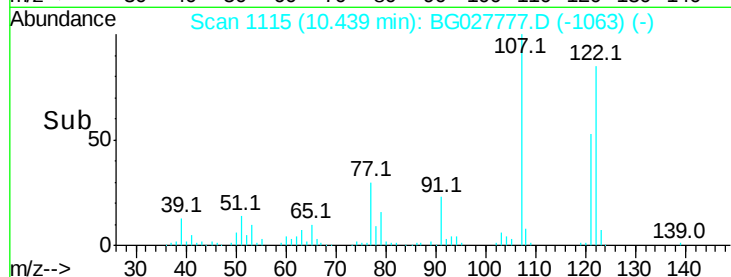
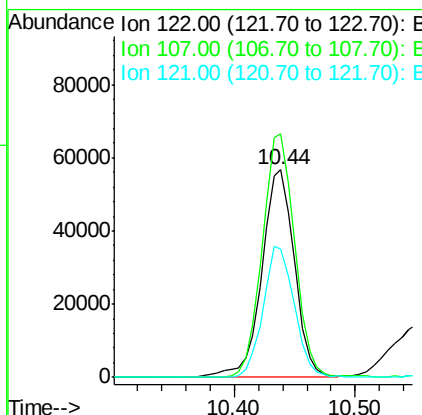
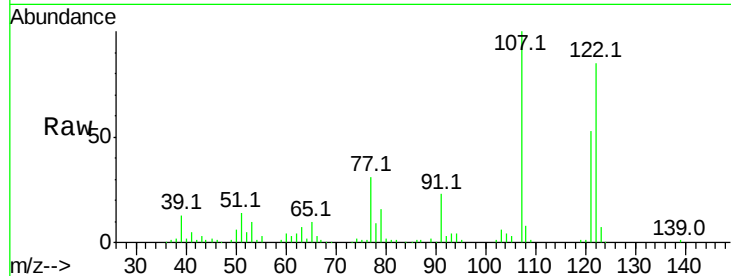




#27
2,4-Dimethylphenol
Concen: 46.26 ng
RT: 10.44 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

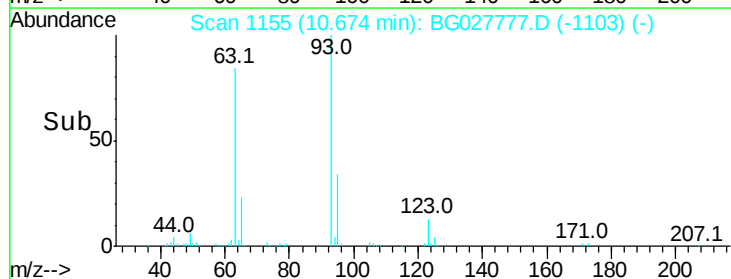
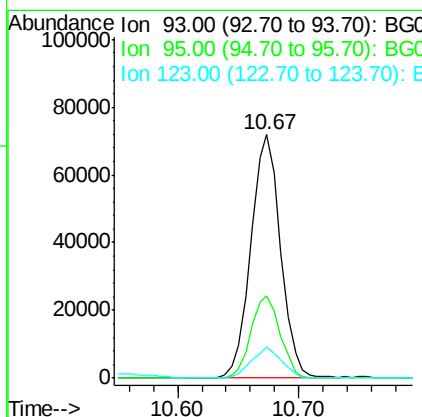
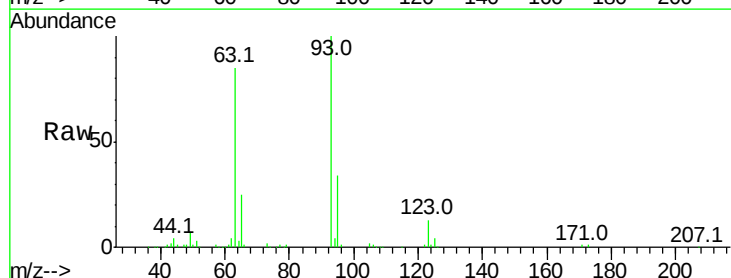
Instrument :
BNA_G
ClientSampled :

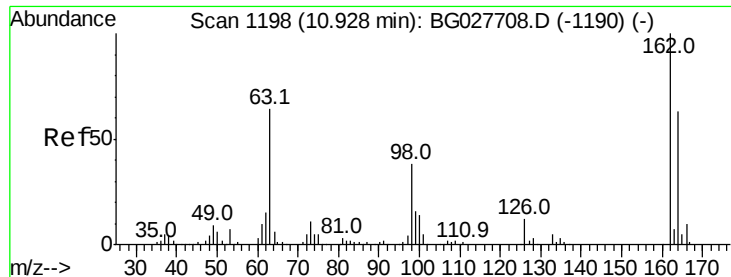
Tot Ion:122 Resp: 105864
Ion Ratio Lower Upper
122 100
107 117.3 104.2 156.4
121 62.1 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.47 ng
RT: 10.67 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion: 93 Resp: 123002
Ion Ratio Lower Upper
93 100
95 33.9 25.7 38.5
123 12.9 8.3 12.5#

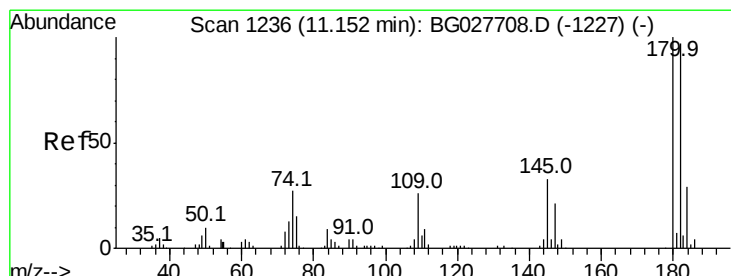
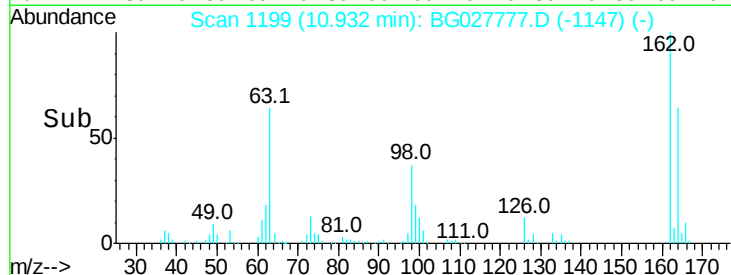
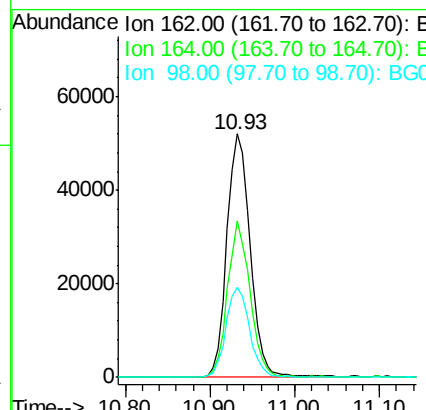
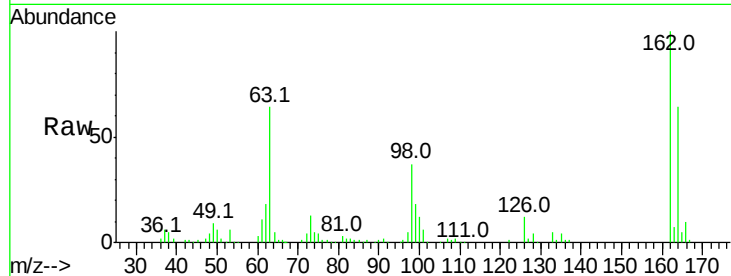




#29
 2,4-Dichlorophenol
 Concen: 49.60 ng
 RT: 10.93 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

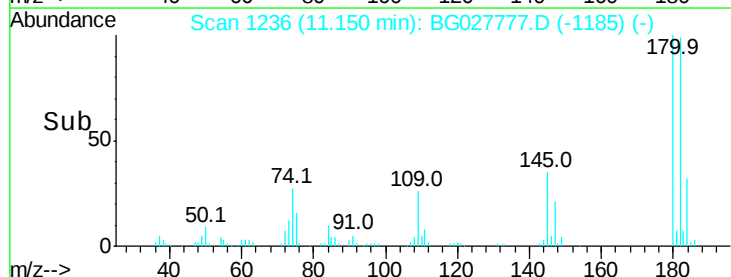
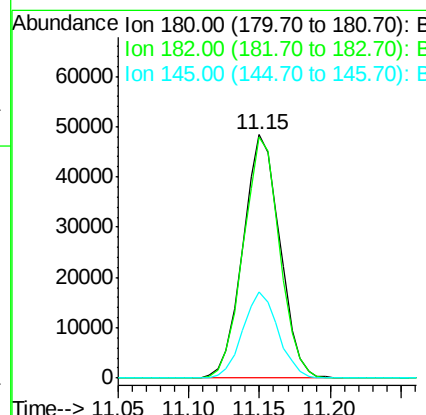
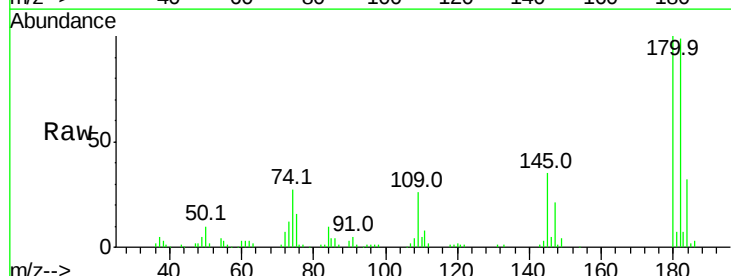
Instrument :
 BNA_G
 ClientSampleId :

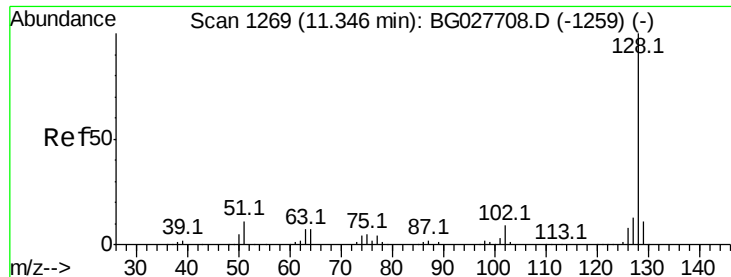
Tot Ion:162 Resp: 99470
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.4 82.4
 98 37.0 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.24 ng
 RT: 11.15 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:180 Resp: 88432
 Ion Ratio Lower Upper
 180 100
 182 98.9 77.0 115.4
 145 35.4 23.4 35.0#

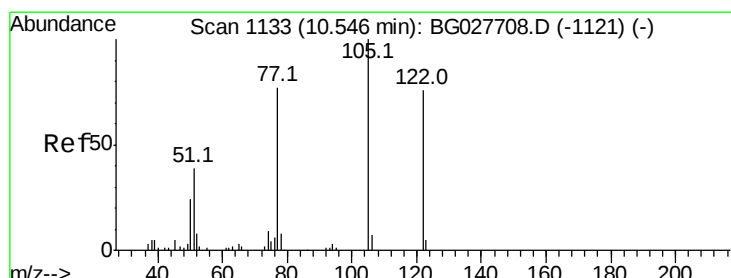
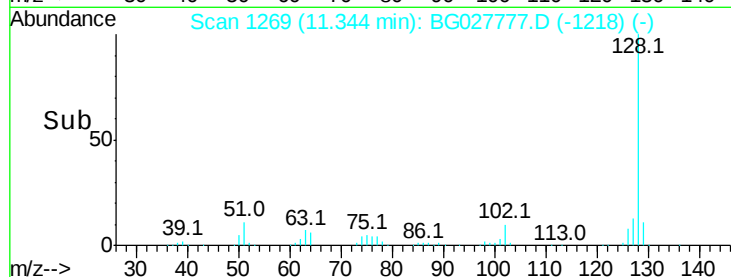
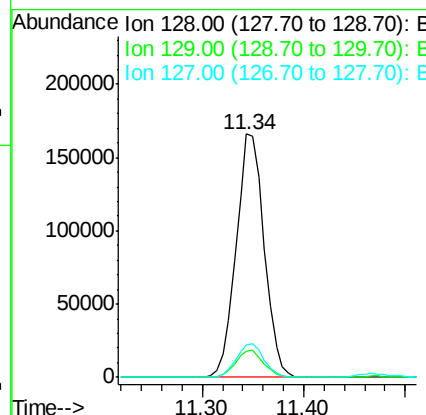
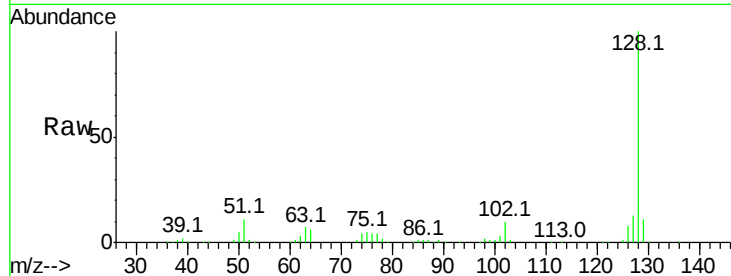




#31
Naphthalene
Concen: 41.53 ng
RT: 11.34 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

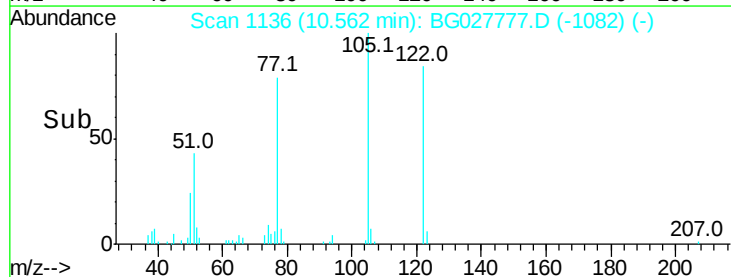
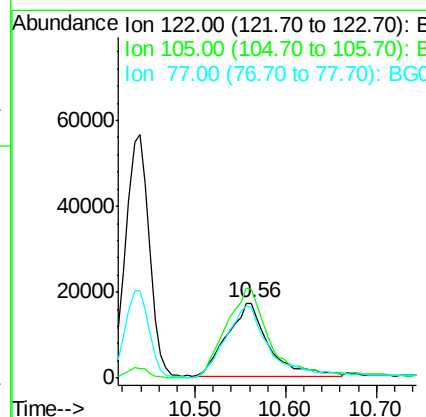
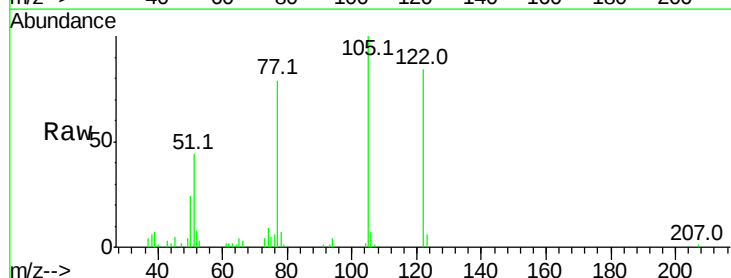
Instrument :
BNA_G
ClientSampleId :

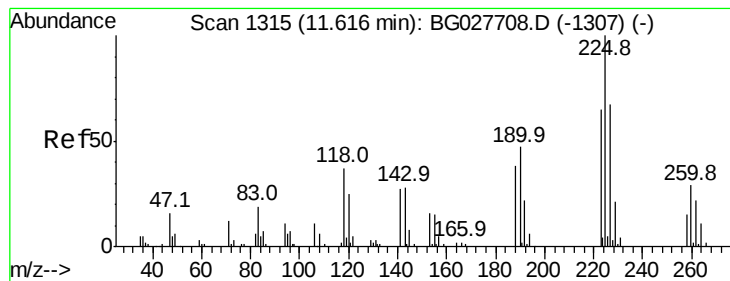
Tot Ion:128 Resp: 318465
Ion Ratio Lower Upper
128 100
129 10.8 9.3 13.9
127 13.3 11.4 17.0



#32
Benzoic acid
Concen: 40.91 ng
RT: 10.56 min Scan# 1136
Delta R.T. 0.02 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:122 Resp: 54975
Ion Ratio Lower Upper
122 100
105 119.4 120.1 160.1#
77 94.2 104.6 144.6#





#34

Hexachlorobutadiene

Concen: 45.14 ng

RT: 11.62 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

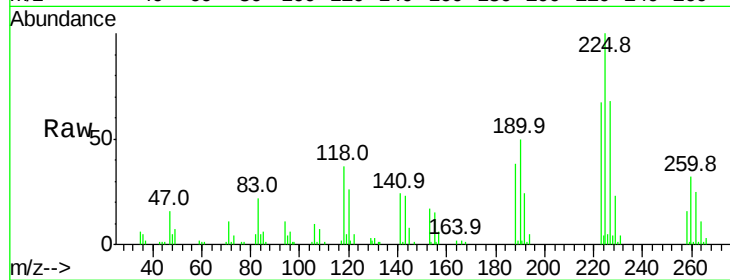
Instrument :

BNA_G

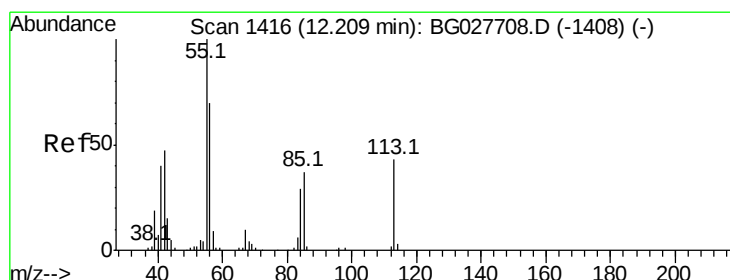
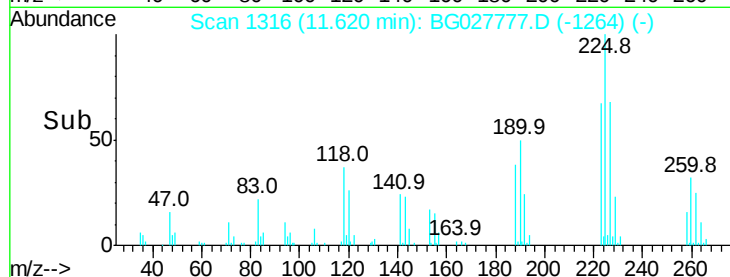
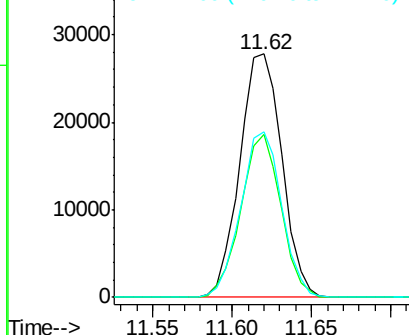
ClientSampleId :

Tot Ion:225 Resp: 51437

Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.7	76.1
227	68.0	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: 22.49 ng

RT: 12.22 min Scan# 1418

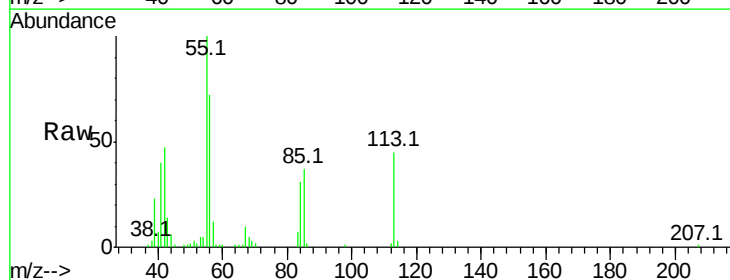
Delta R.T. 0.01 min

Lab File: BG027777.D

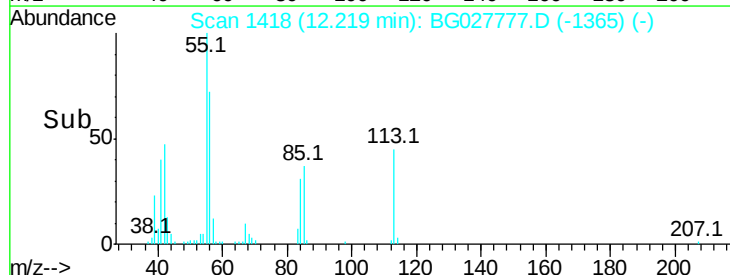
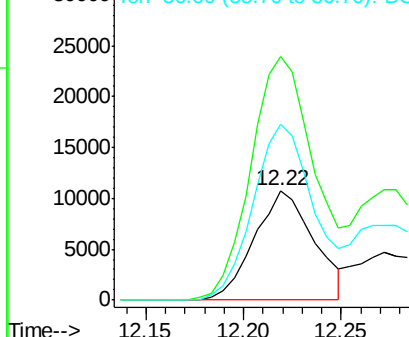
Acq: 1 Jul 2017 10:34

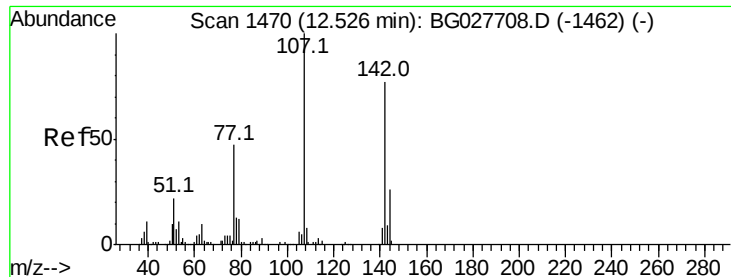
Tgt Ion:113 Resp: 22682

Ion	Ratio	Lower	Upper
113	100		
55	222.0	198.6	238.6
56	160.1	140.4	180.4



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG0
 Ion 56.00 (55.70 to 56.70): BG0

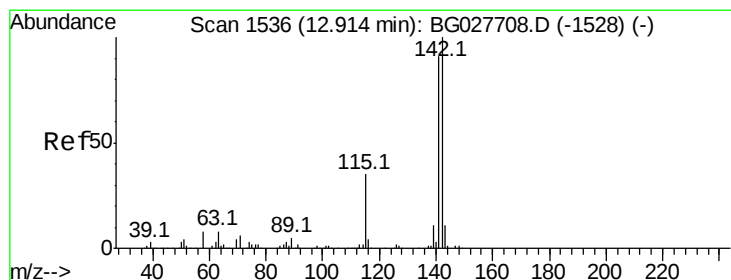
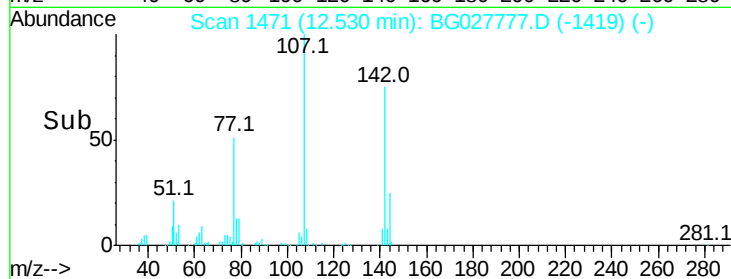
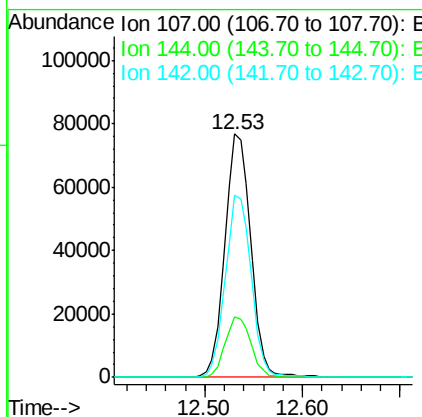
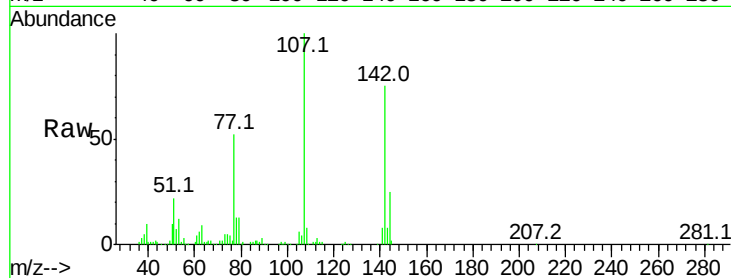




#36
 4-Chloro-3-methylphenol
 Concen: 50.19 ng
 RT: 12.53 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

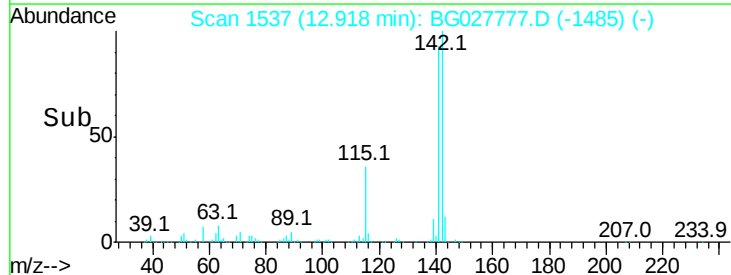
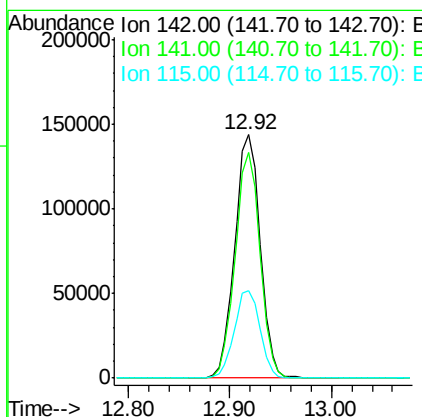
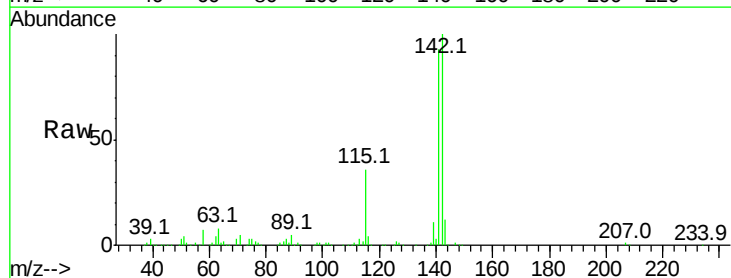
Instrument :
 BNA_G
 ClientSampled :

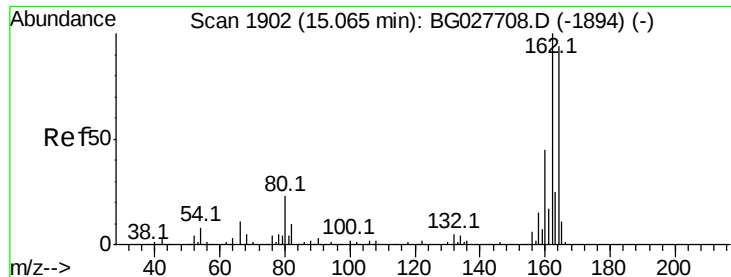
Tot Ion:107 Resp: 141617
 Ion Ratio Lower Upper
 107 100
 144 25.0 17.4 26.0
 142 74.9 54.1 81.1



#37
 2-Methylnaphthalene
 Concen: 43.97 ng
 RT: 12.92 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:142 Resp: 251160
 Ion Ratio Lower Upper
 142 100
 141 92.8 70.4 105.6
 115 35.7 35.5 53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1903

Delta R.T. 0.00 min

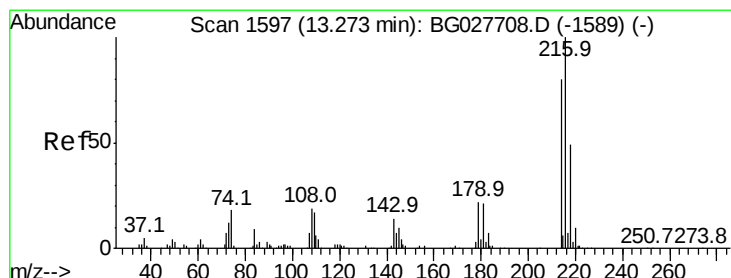
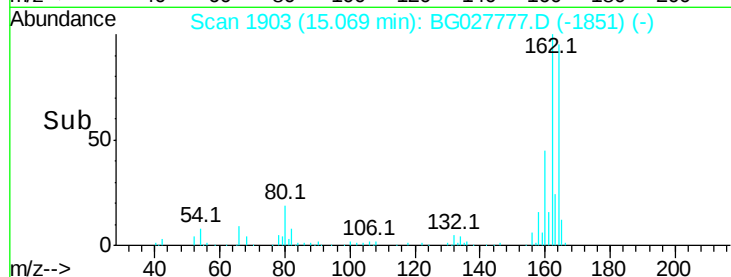
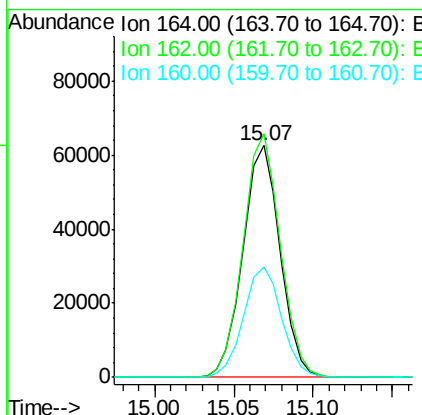
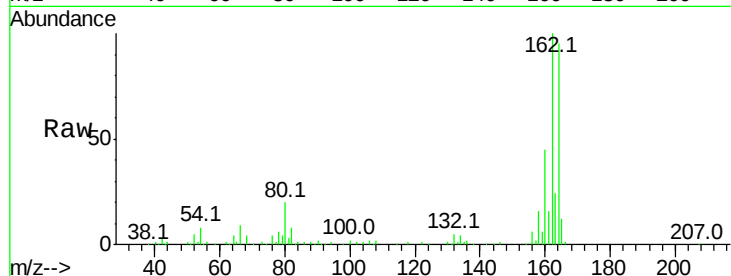
Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 101672

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.1	127.7
160	47.6	34.7	52.1



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.10 ng

RT: 13.28 min Scan# 1598

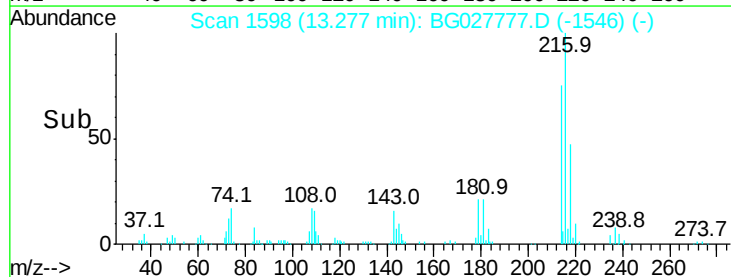
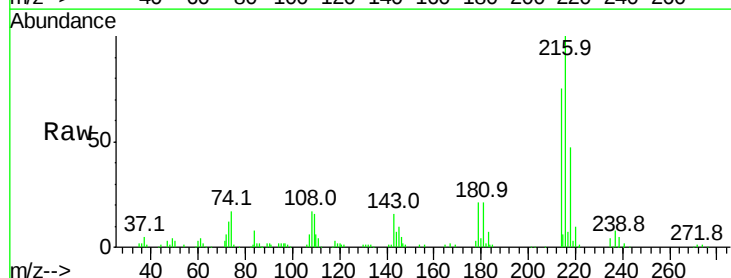
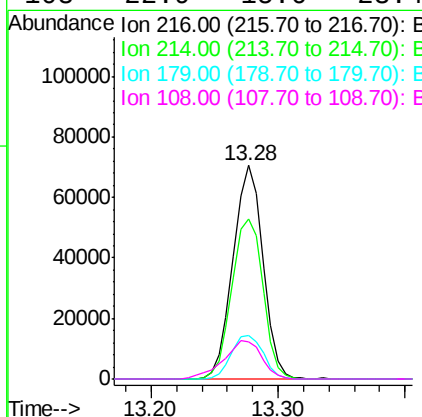
Delta R.T. 0.00 min

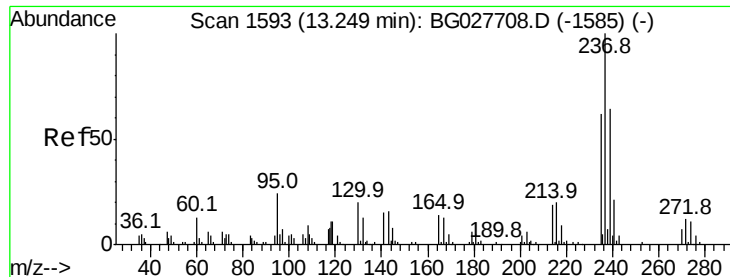
Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Tgt Ion:216 Resp: 115154

Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.4	96.6
179	21.9	17.4	26.0
108	22.9	15.6	23.4





#40

Hexachlorocyclopentadiene

Concen: 104.63 ng

RT: 13.25 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

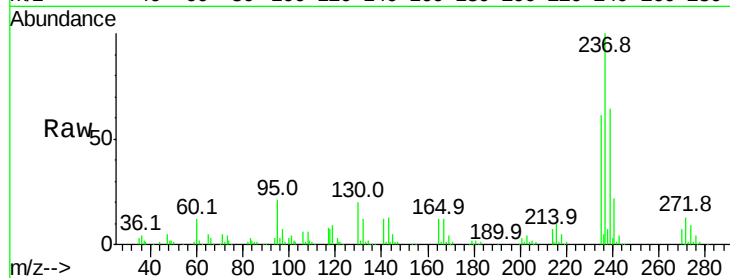
Tot Ion:237 Resp: 131801

Ion Ratio Lower Upper

237 100

235 60.9 39.4 79.4

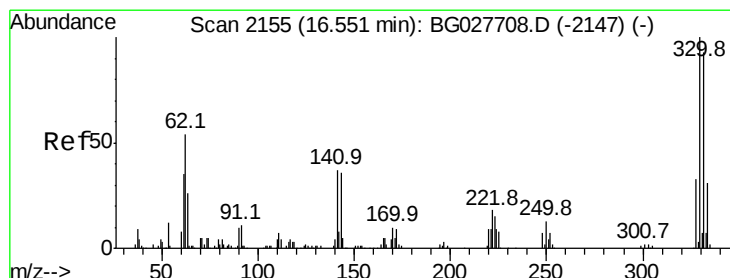
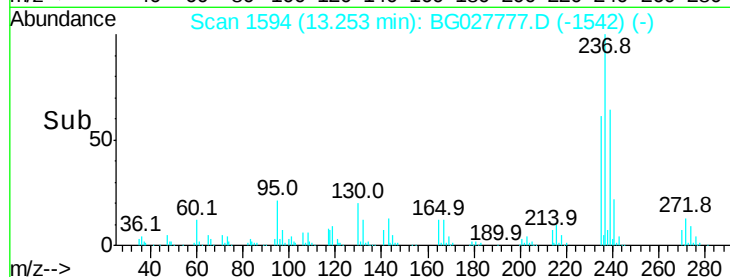
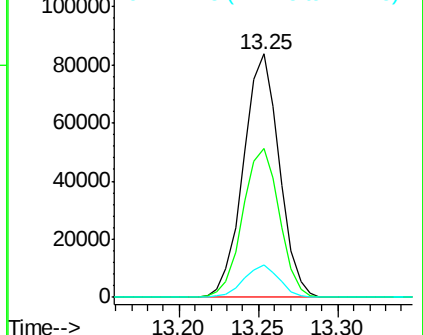
272 13.2 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 169.32 ng

RT: 16.56 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

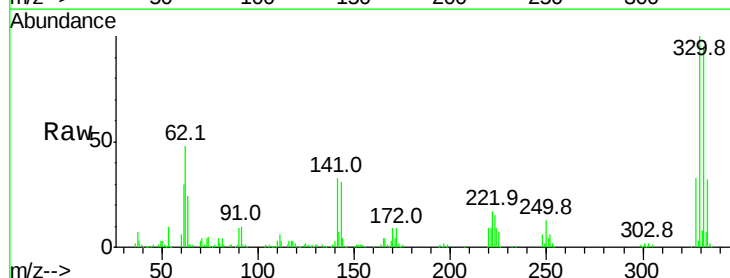
Tgt Ion:330 Resp: 236123

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

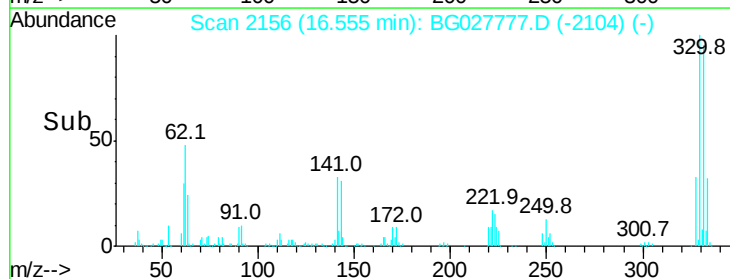
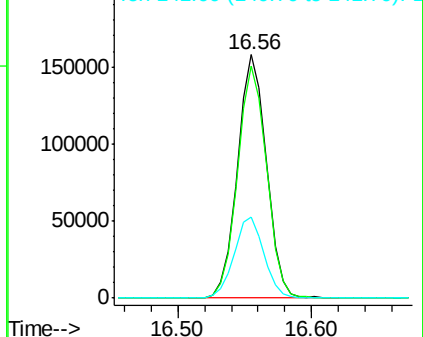
141 34.7 32.1 48.1

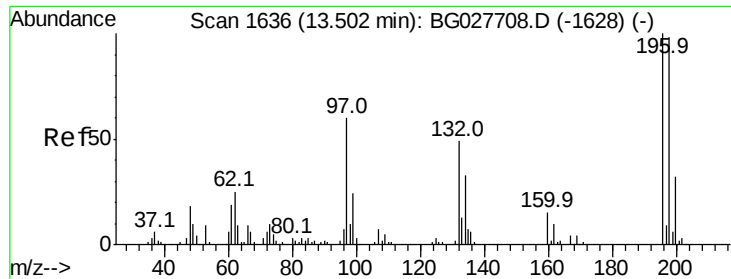


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 47.13 ng

RT: 13.51 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampled :

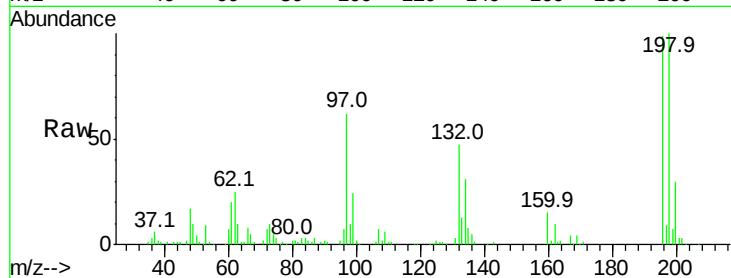
Tot Ion:196 Resp: 90939

Ion Ratio Lower Upper

196 100

198 101.1 81.4 122.2

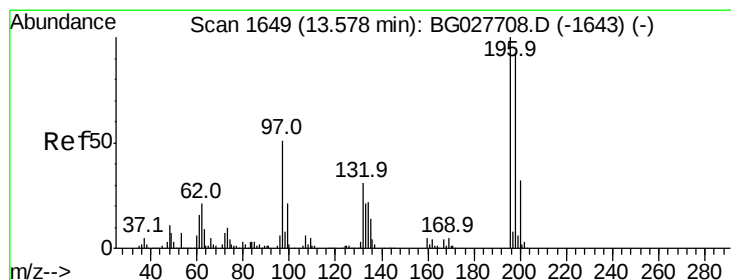
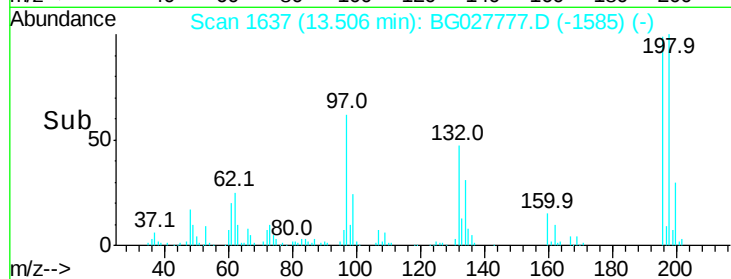
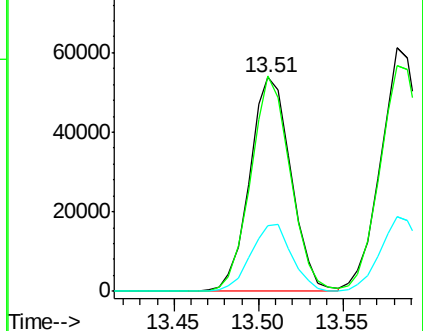
200 30.5 27.0 40.6



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: 47.52 ng

RT: 13.58 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Tgt Ion:196 Resp: 103899

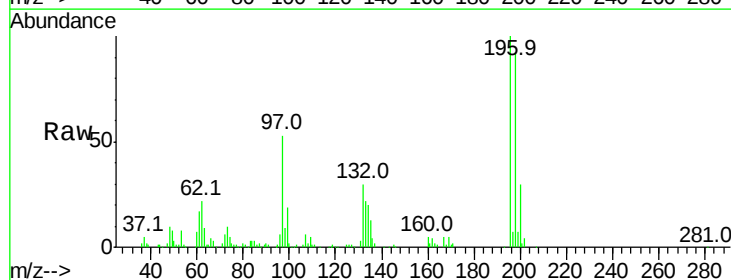
Ion Ratio Lower Upper

196 100

198 92.4 79.9 119.9

97 52.7 45.4 68.0

132 30.1 20.7 31.1

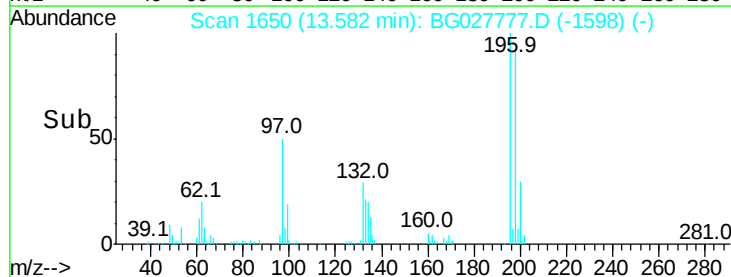
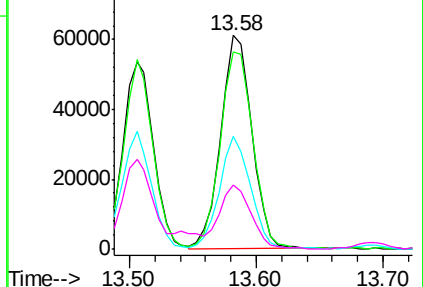


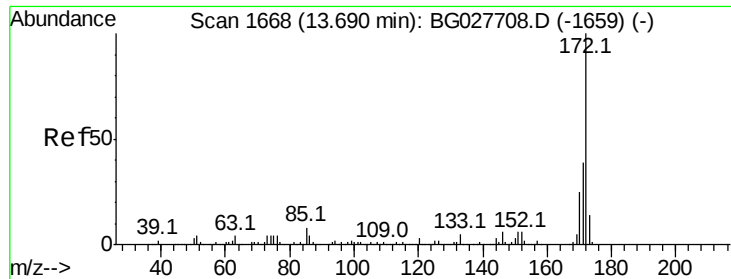
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

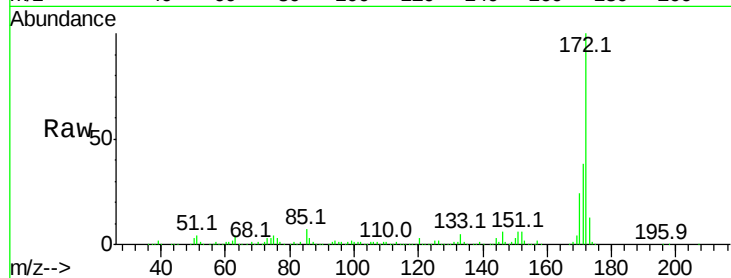




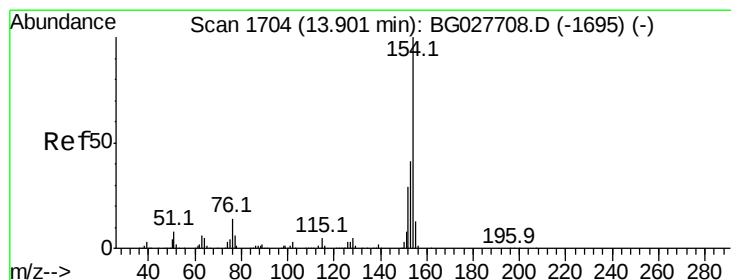
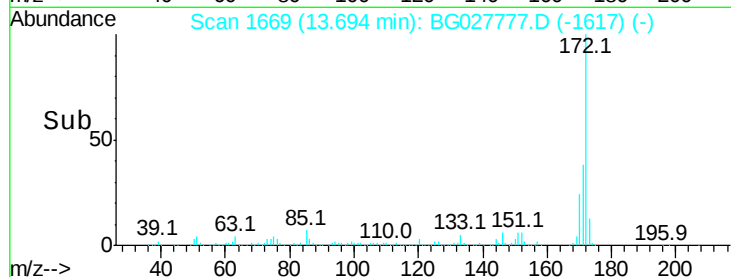
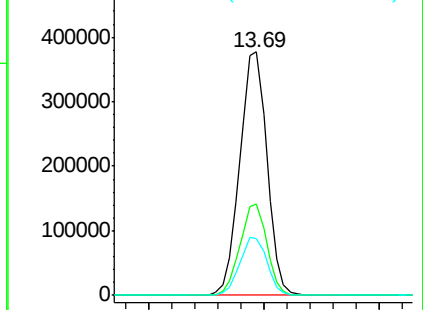
#44
2-Fluorobiphenyl
Concen: 86.67 ng
RT: 13.69 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 617029
Ion Ratio Lower Upper
172 100
171 37.6 32.2 48.2
170 23.6 21.8 32.6

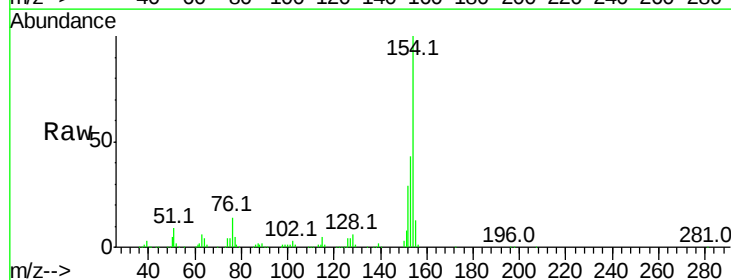


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

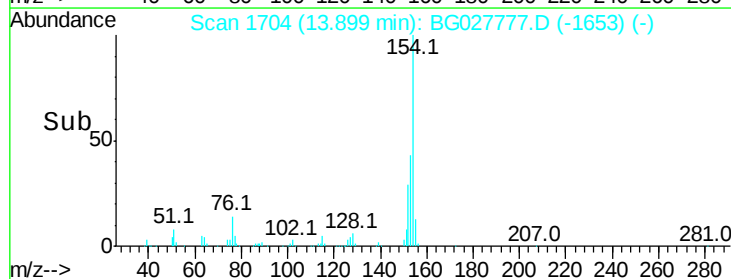
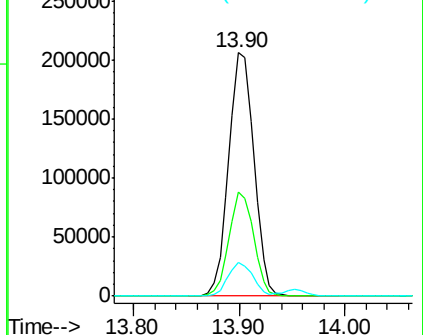


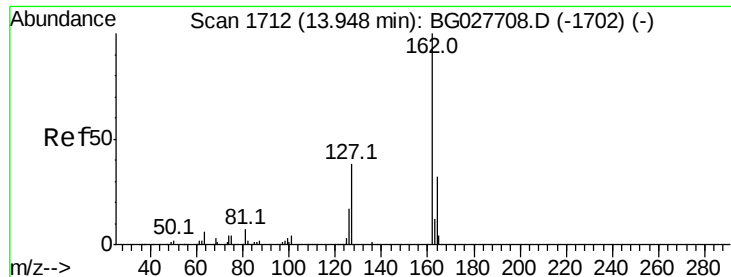
#45
1,1'-Biphenyl
Concen: 41.82 ng
RT: 13.90 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:154 Resp: 340795
Ion Ratio Lower Upper
154 100
153 42.7 23.0 63.0
76 13.7 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): BG

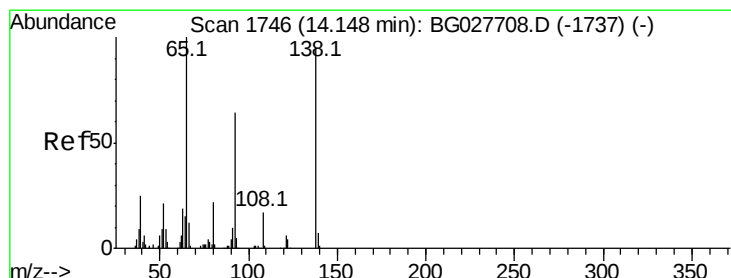
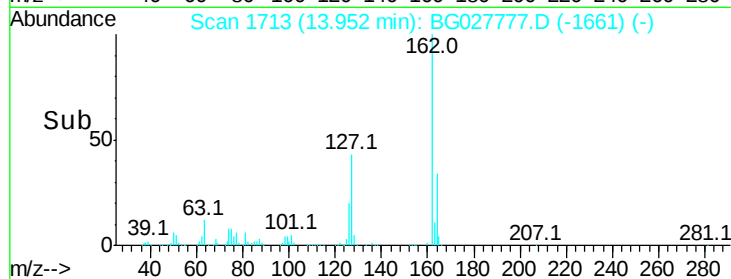
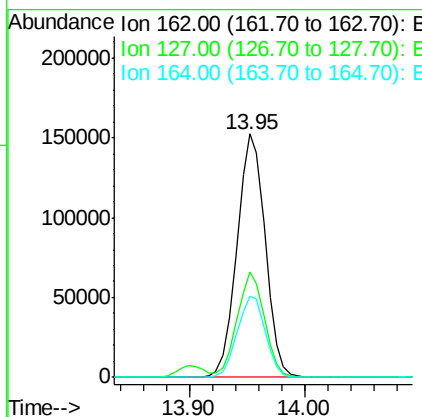
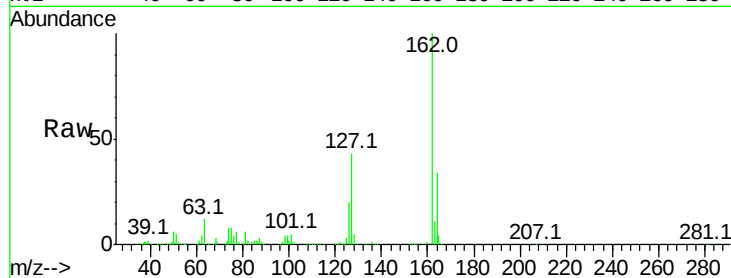




#46
2-Chloronaphthalene
Concen: 41.79 ng
RT: 13.95 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

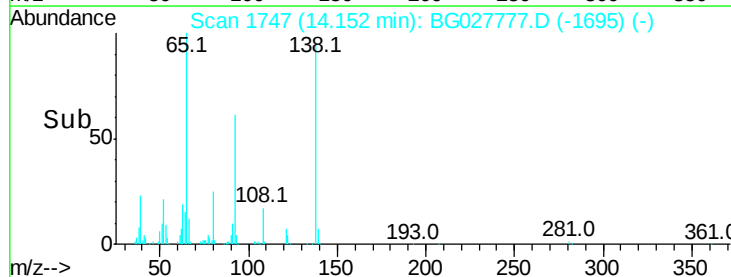
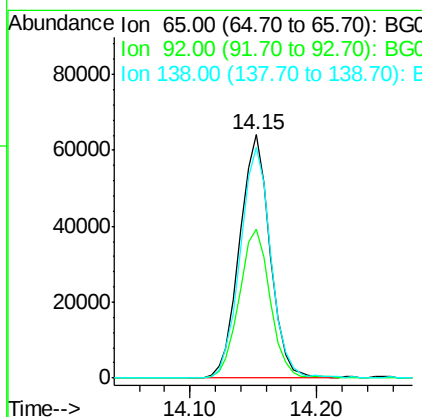
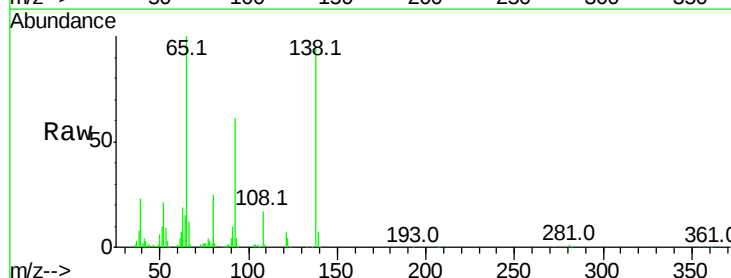
Instrument :
BNA_G
ClientSampleId :

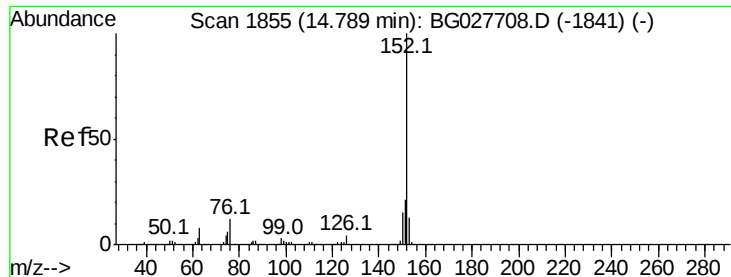
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	32.2	48.4
164	33.5	27.3	40.9



#47
2-Nitroaniline
Concen: 43.31 ng
RT: 14.15 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	49.0	73.4
138	94.9	58.6	87.8





#48

Acenaphthylene

Concen: 41.03 ng

RT: 14.79 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

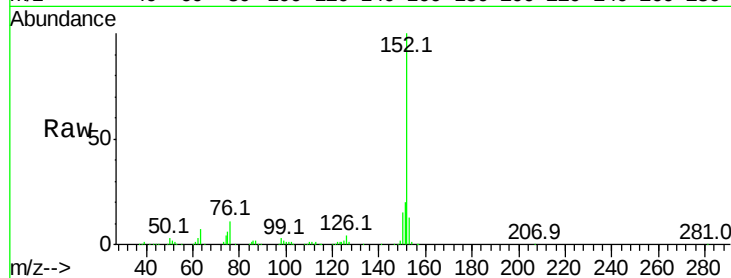
Tot Ion:152 Resp: 461579

Ion Ratio Lower Upper

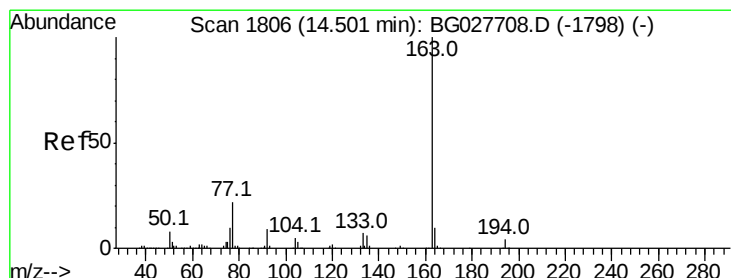
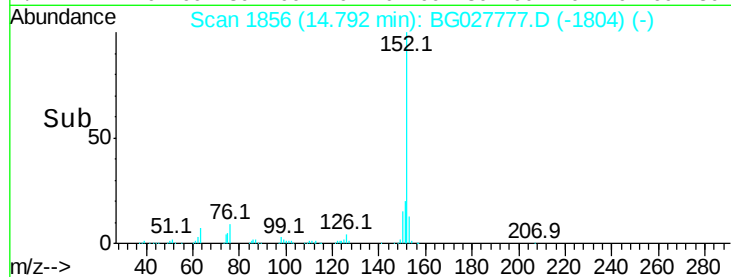
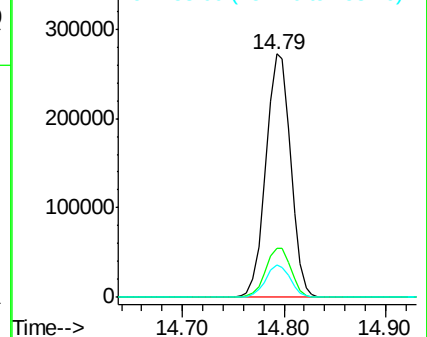
152 100

151 20.4 18.2 27.2

153 13.2 11.3 16.9



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



#49

Dimethylphthalate

Concen: 45.25 ng

RT: 14.50 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

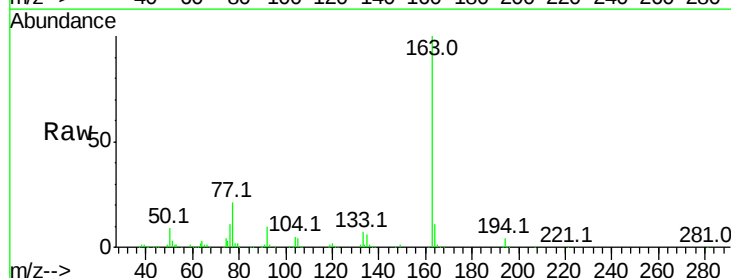
Tgt Ion:163 Resp: 392506

Ion Ratio Lower Upper

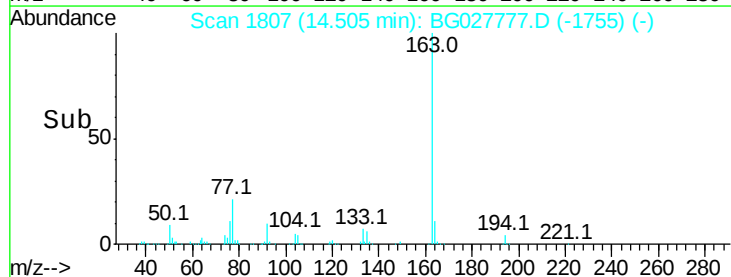
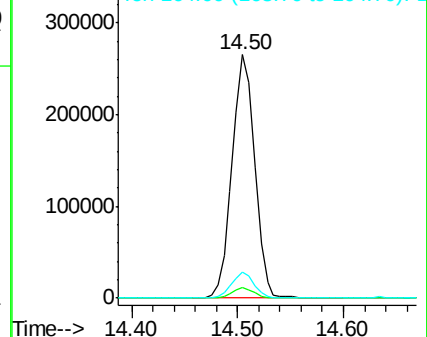
163 100

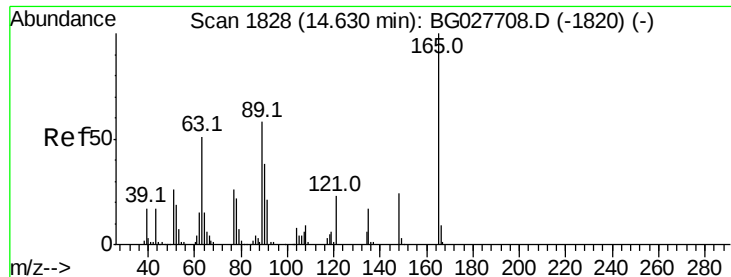
194 4.2 3.8 5.6

164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

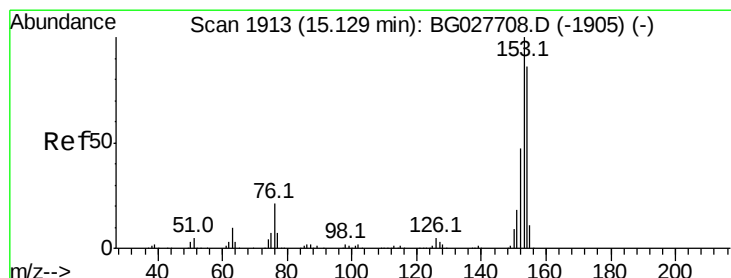
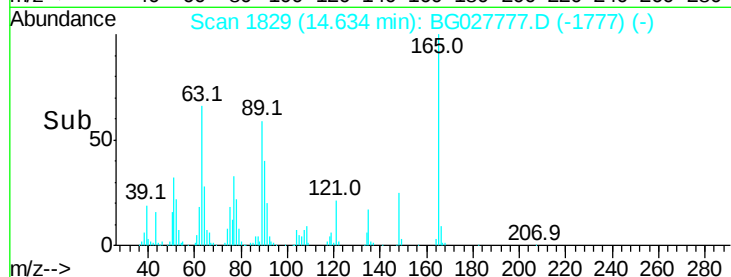
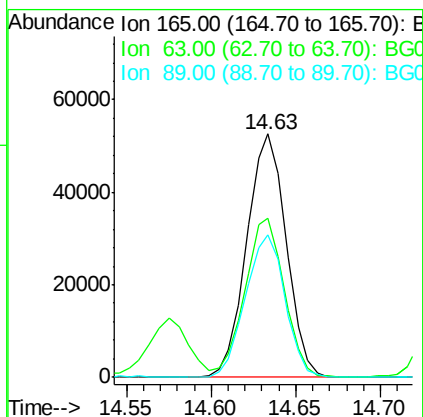
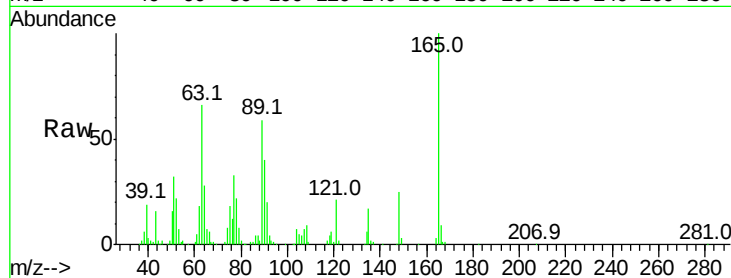




#50
2,6-Dinitrotoluene
Concen: 45.19 ng
RT: 14.63 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

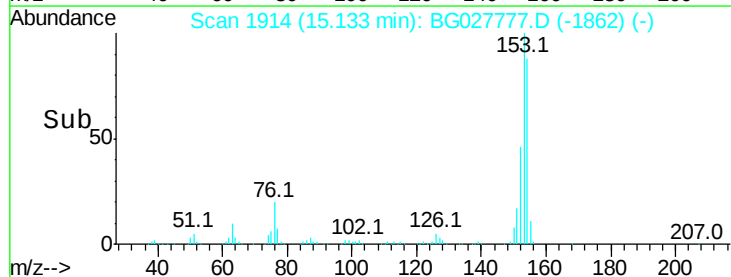
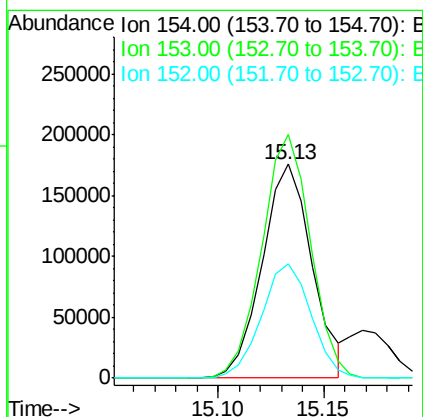
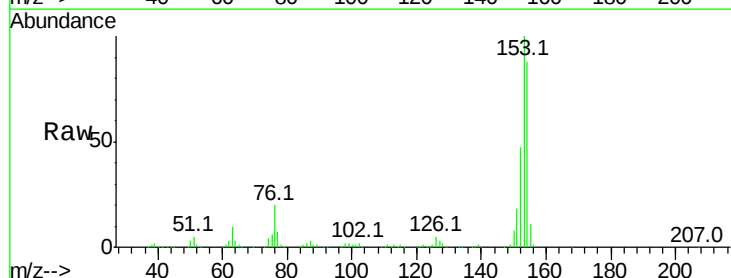
Instrument :
BNA_G
ClientSampleId :

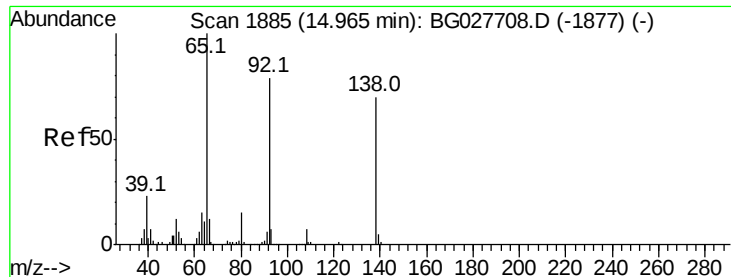
Tot Ion:165 Resp: 85199
Ion Ratio Lower Upper
165 100
63 65.6 63.9 95.9
89 58.7 58.6 88.0



#51
Acenaphthene
Concen: 40.04 ng
RT: 15.13 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:154 Resp: 288682
Ion Ratio Lower Upper
154 100
153 114.0 87.8 131.6
152 53.8 42.2 63.4





#52

3-Nitroaniline

Concen: 11.31 ng

RT: 14.97 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

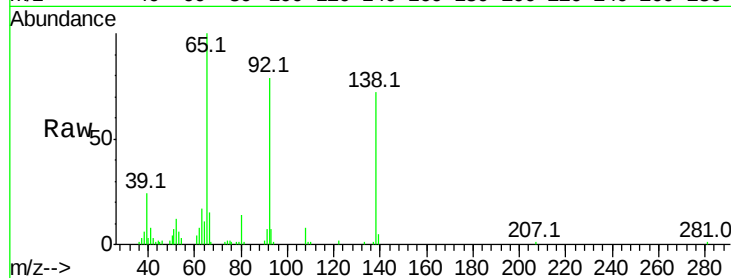
Tot Ion:138 Resp: 25077

Ion Ratio Lower Upper

138 100

108 10.9 10.9 16.3#

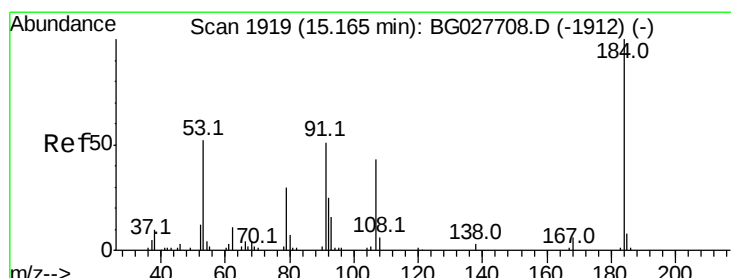
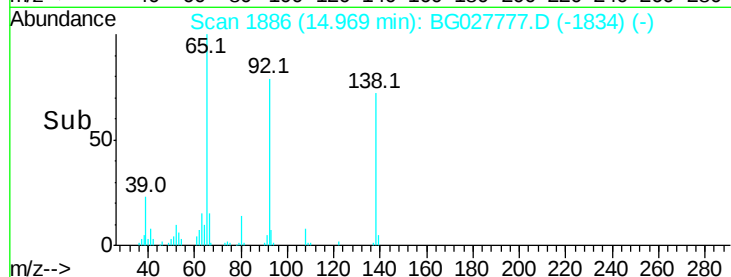
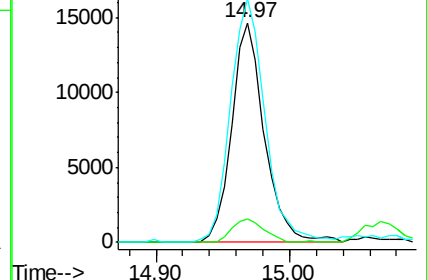
92 110.8 115.3 172.9#



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): E



#53

2,4-Dinitrophenol

Concen: 99.29 ng

RT: 15.17 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

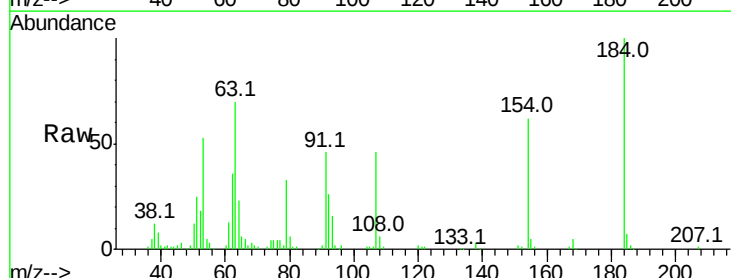
Tgt Ion:184 Resp: 105138

Ion Ratio Lower Upper

184 100

63 69.8 52.7 79.1

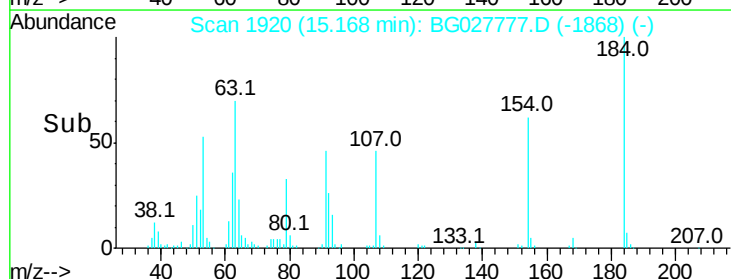
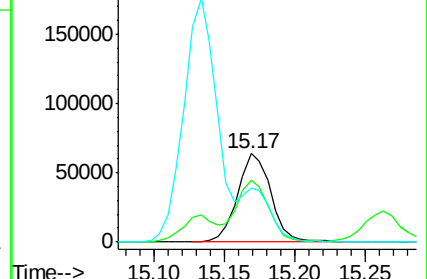
154 61.6 57.3 85.9

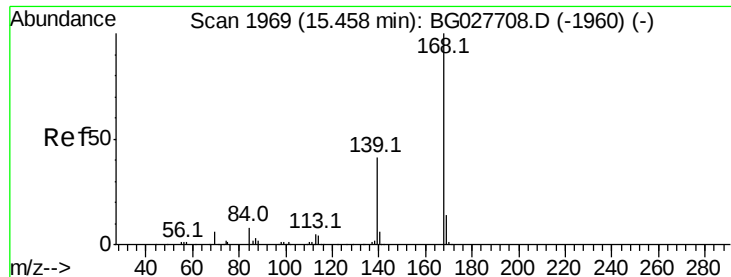


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

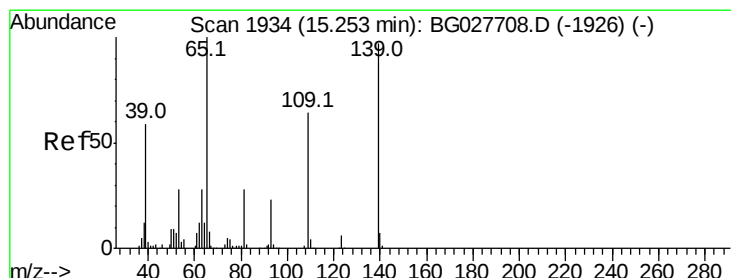
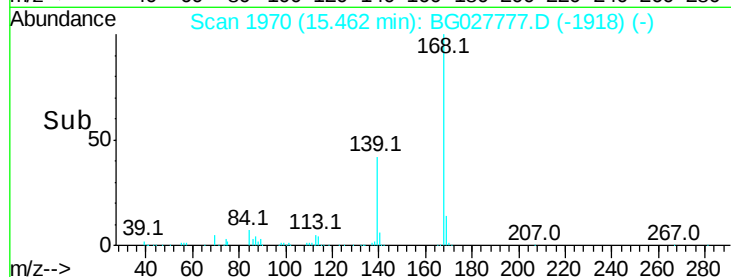
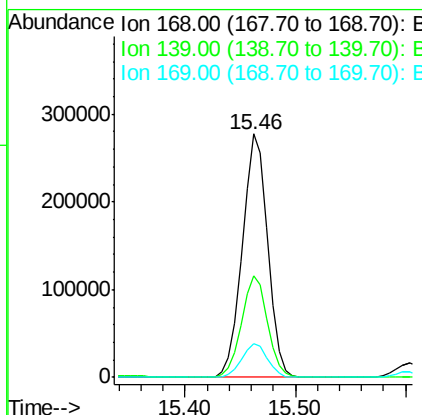
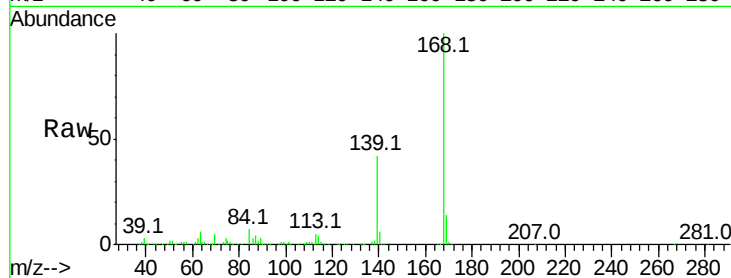




#54
Dibenzofuran
Concen: 46.84 ng
RT: 15.46 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

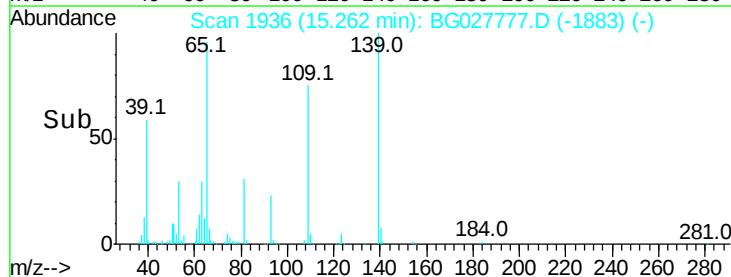
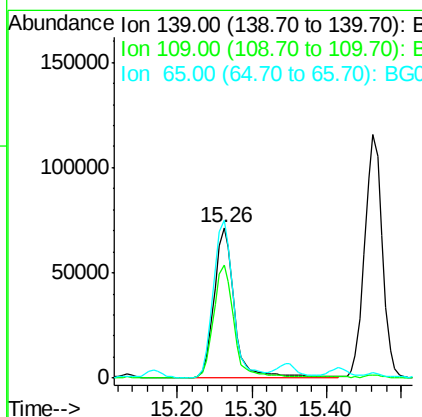
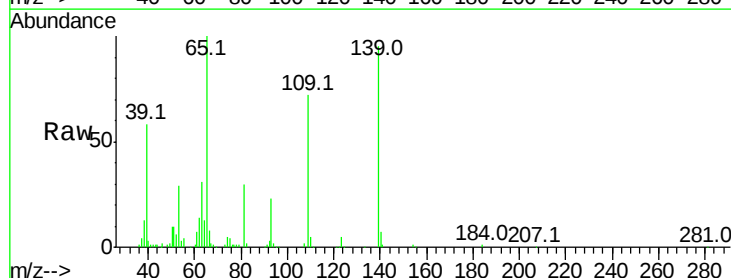
Instrument :
BNA_G
ClientSampleId :

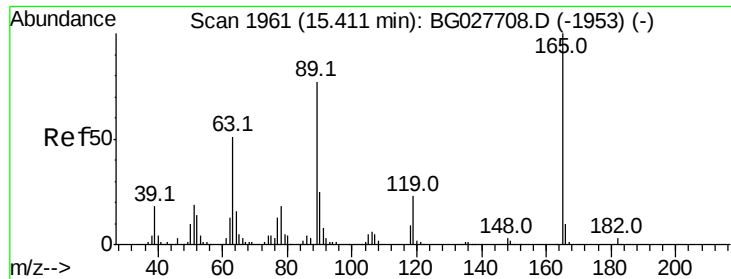
Tot Ion:168 Resp: 446500
Ion Ratio Lower Upper
168 100
139 41.7 35.3 52.9
169 13.9 11.5 17.3



#55
4-Nitrophenol
Concen: 80.12 ng
RT: 15.26 min Scan# 1936
Delta R.T. 0.01 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:139 Resp: 135660
Ion Ratio Lower Upper
139 100
109 75.1 101.2 141.2#
65 104.9 135.3 175.3#

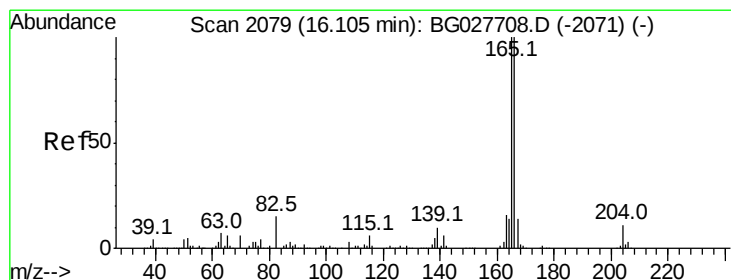
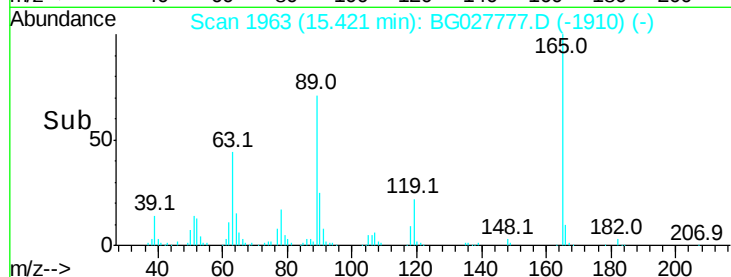
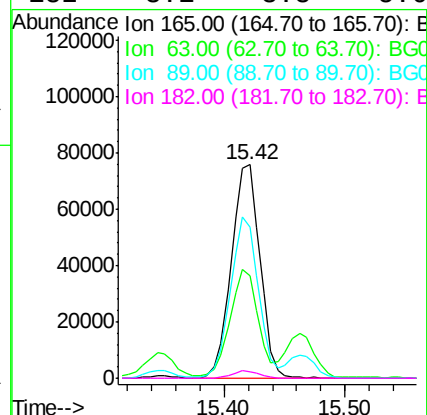
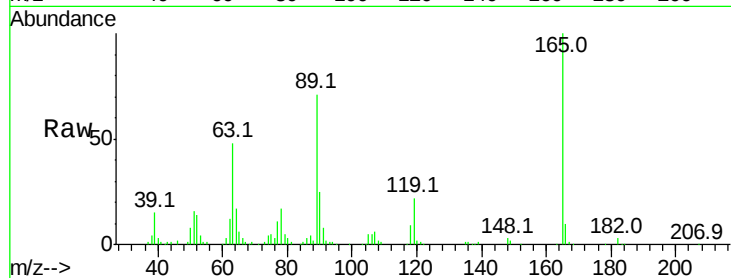




#56
 2,4-Dinitrotoluene
 Concen: 47.52 ng
 RT: 15.42 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

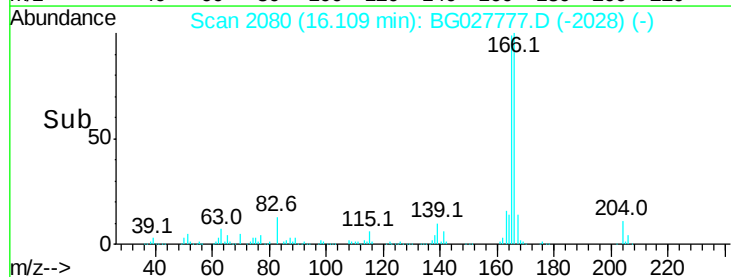
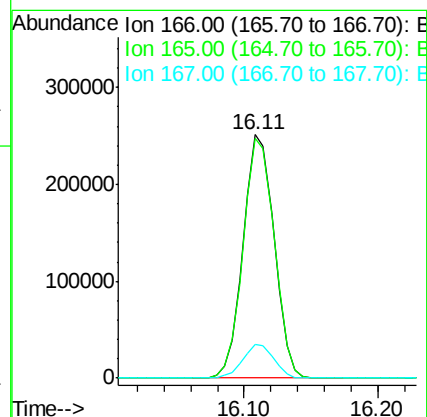
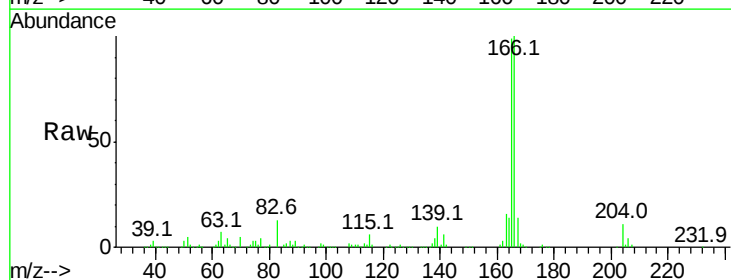
Instrument :
 BNA_G
 ClientSampleId :

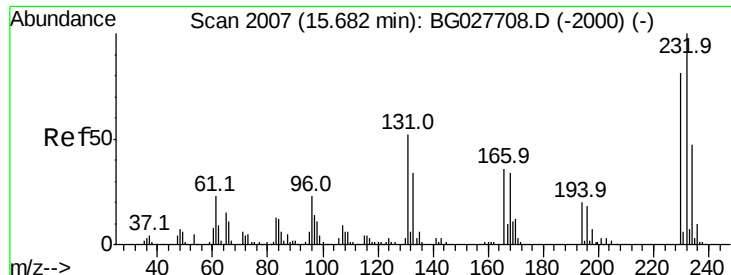
Tot Ion:165 Resp: 124965
 Ion Ratio Lower Upper
 165 100
 63 47.7 44.0 66.0
 89 70.9 67.3 100.9
 182 3.1 3.8 5.6#



#57
 Fluorene
 Concen: 43.60 ng
 RT: 16.11 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:166 Resp: 403025
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.6 117.8
 167 13.6 11.6 17.4

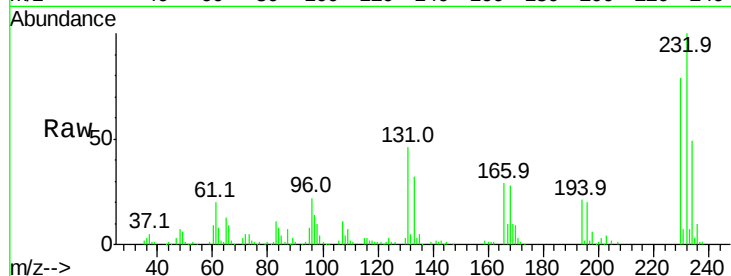




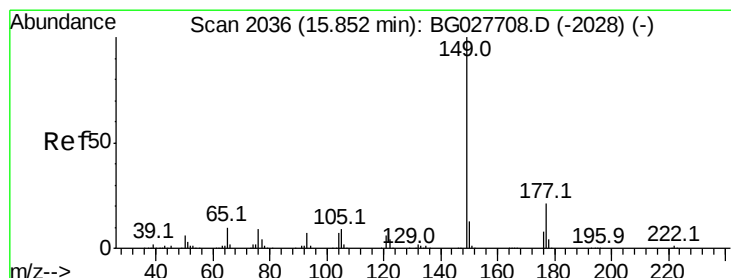
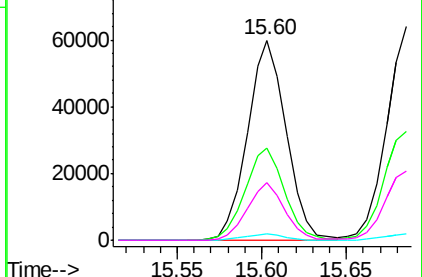
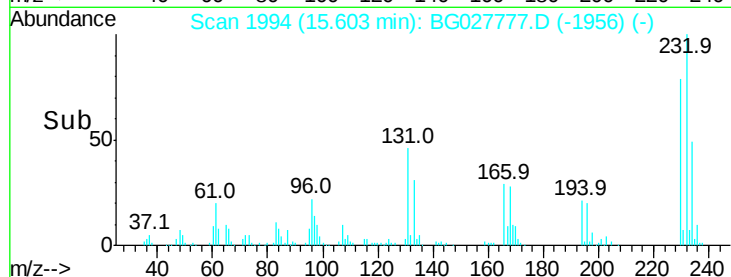
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.50 ng
 RT: 15.60 min Scan# 1994
 Delta R.T. -0.08 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 95185
 Ion Ratio Lower Upper
 232 100
 131 47.1 34.9 52.3
 130 3.3 2.3 3.5
 166 27.8 24.2 36.4

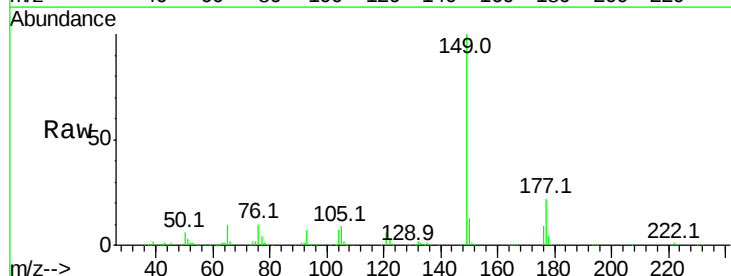


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

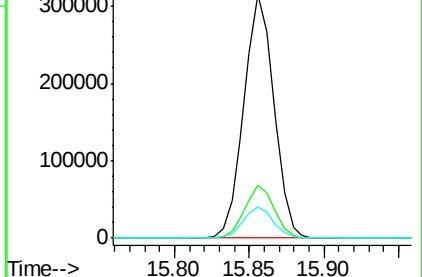
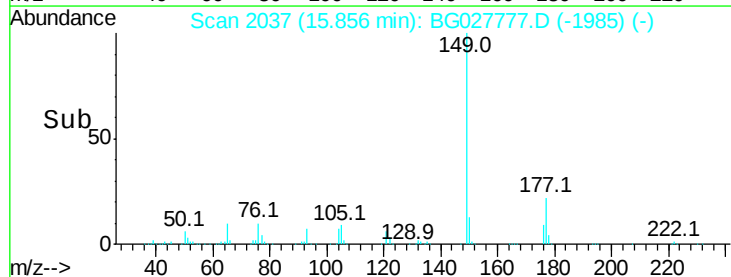


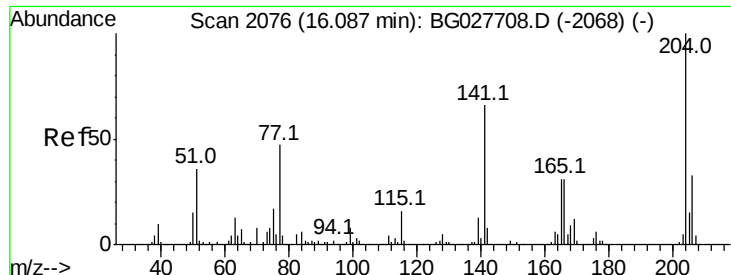
#59
 Diethylphthalate
 Concen: 45.53 ng
 RT: 15.86 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:149 Resp: 437262
 Ion Ratio Lower Upper
 149 100
 177 21.6 20.1 30.1
 150 12.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

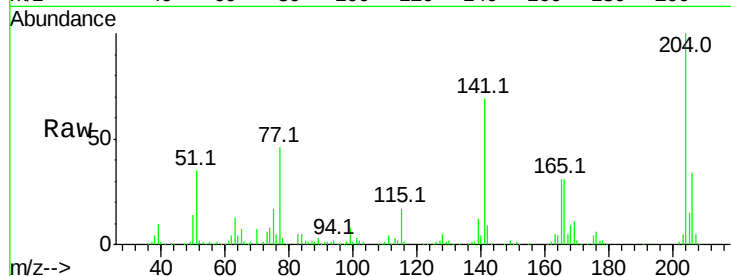




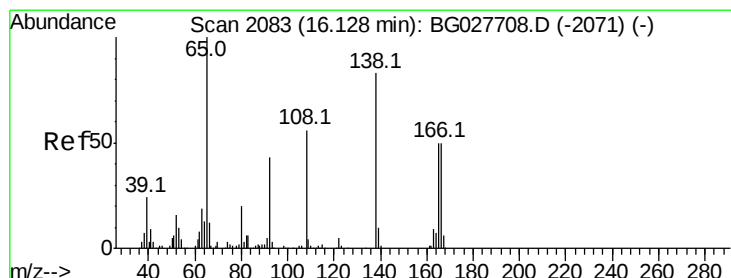
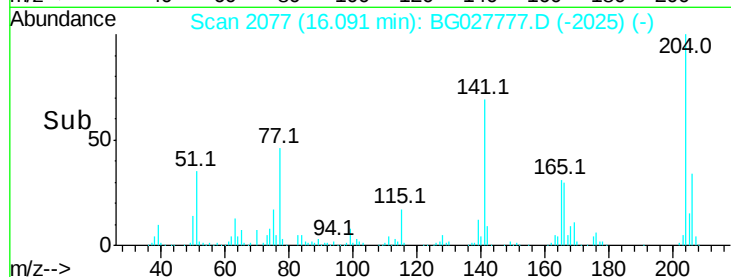
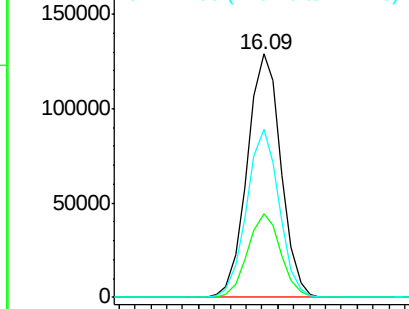
#60
4-Chlorophenyl-phenylether
Concen: 46.35 ng
RT: 16.09 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 189642
Ion Ratio Lower Upper
204 100
206 34.2 30.1 45.1
141 69.3 50.6 76.0

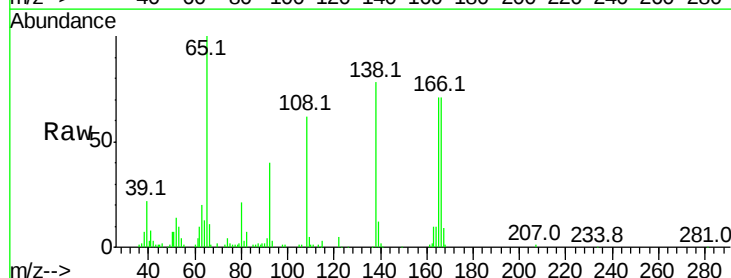


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

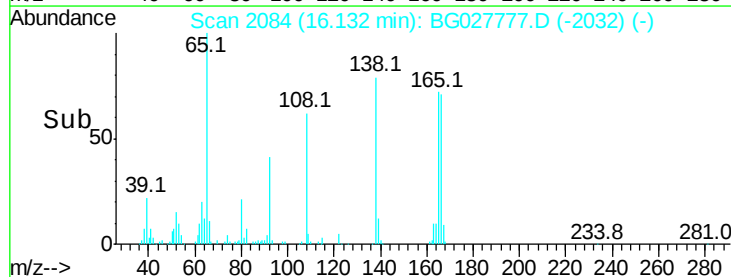
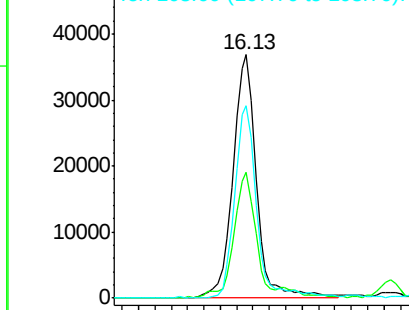


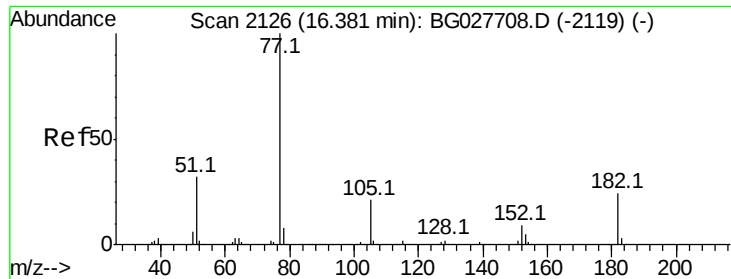
#61
4-Nitroaniline
Concen: 31.97 ng
RT: 16.13 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:138 Resp: 73866
Ion Ratio Lower Upper
138 100
92 51.5 44.2 84.2
108 79.2 104.8 144.8#



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





#62

Azobenzene

Concen: 46.32 ng

RT: 16.38 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 390921

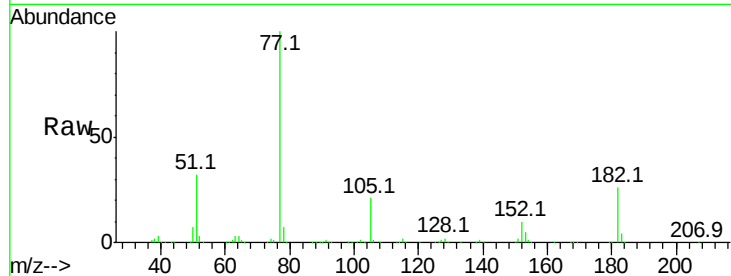
Ion Ratio Lower Upper

77 100

182 26.4 4.7 44.7

105 20.5 0.0 36.3

51 31.6 16.4 56.4

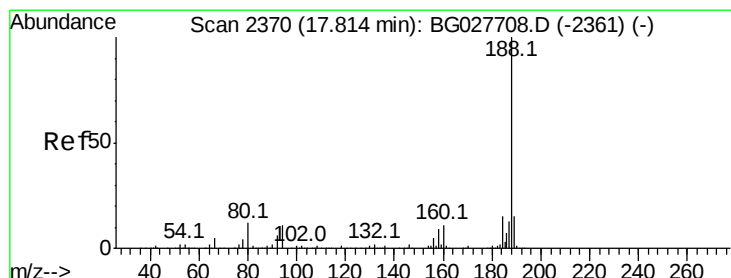
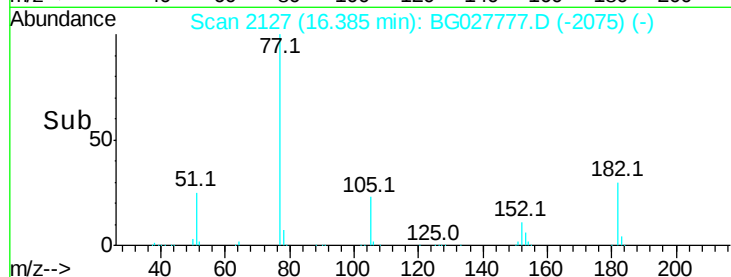
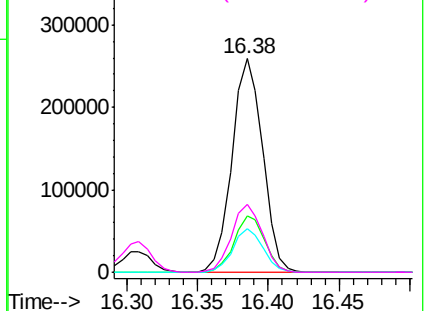


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

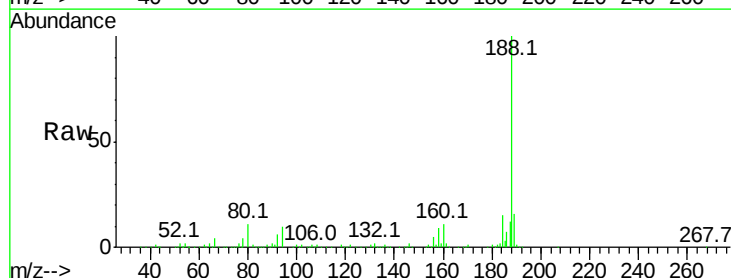
Tgt Ion: 188 Resp: 255935

Ion Ratio Lower Upper

188 100

94 9.9 5.8 8.8#

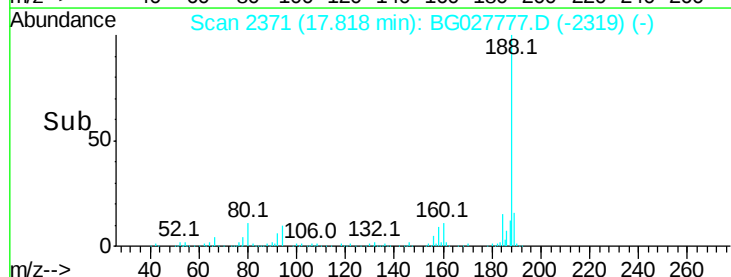
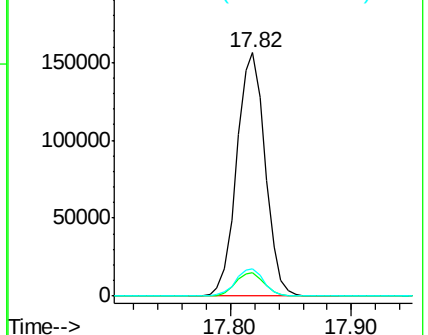
80 11.1 7.5 11.3

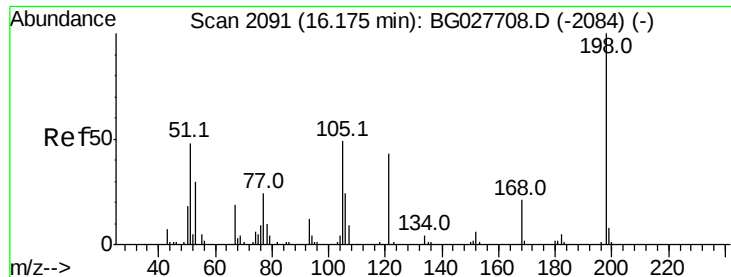


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

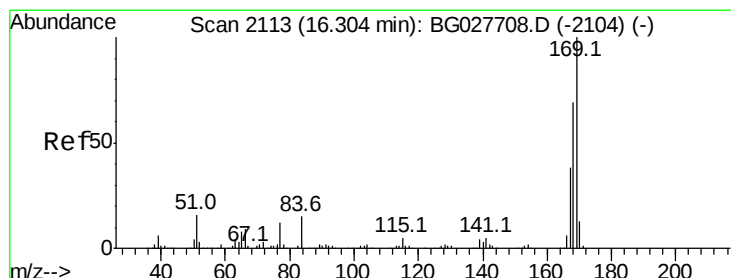
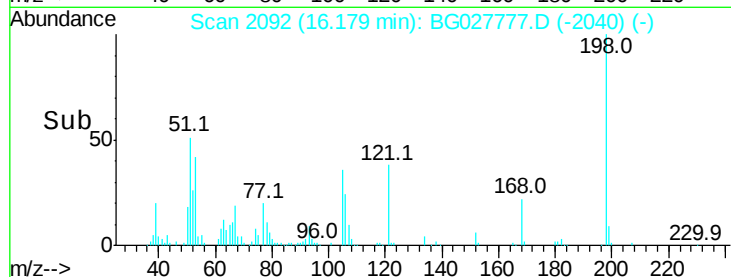
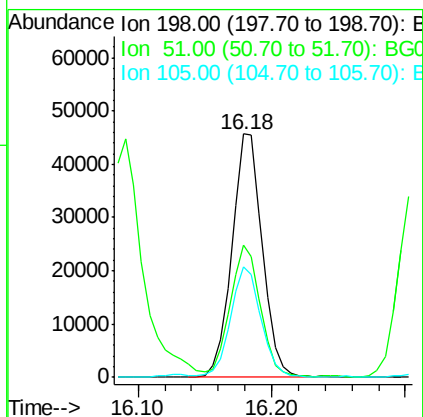
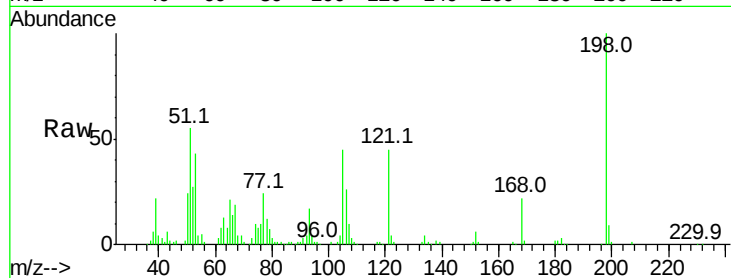




#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.63 ng
 RT: 16.18 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

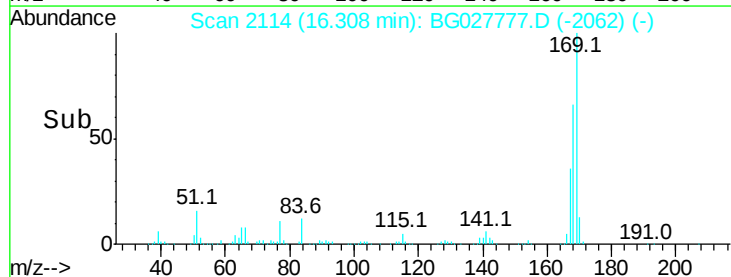
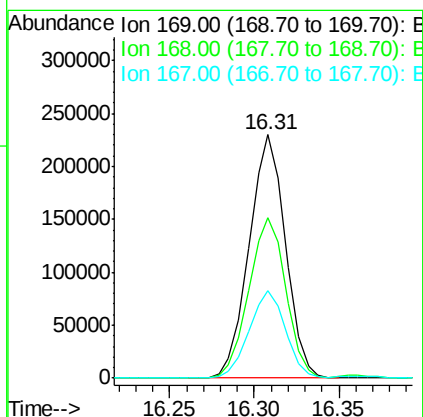
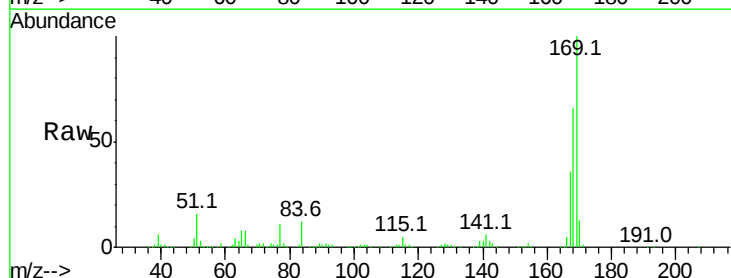
Instrument :
 BNA_G
 ClientSampleId :

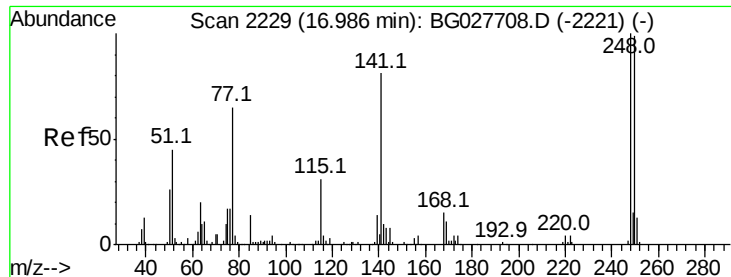
Tot Ion:198 Resp: 72331
 Ion Ratio Lower Upper
 198 100
 51 54.5 22.6 62.6
 105 45.2 14.4 54.4



#65
 n-Nitrosodiphenylamine
 Concen: 41.23 ng
 RT: 16.31 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:169 Resp: 343288
 Ion Ratio Lower Upper
 169 100
 168 65.7 55.7 83.5
 167 36.1 29.8 44.6





#66

4-Bromophenyl-phenylether

Concen: 48.58 ng

RT: 16.99 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

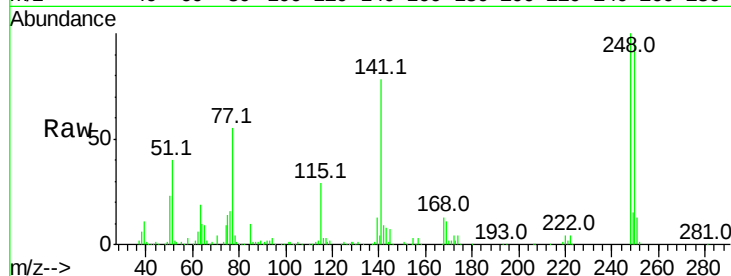
Tot Ion:248 Resp: 130045

Ion Ratio Lower Upper

248 100

250 95.2 75.0 112.6

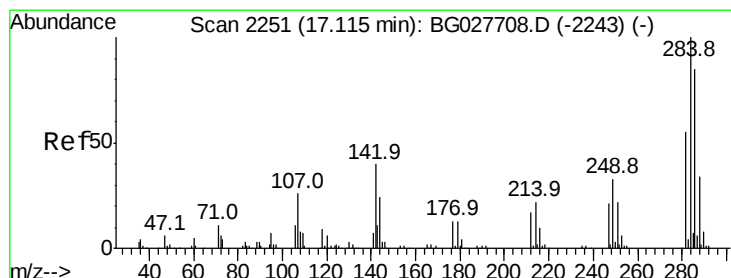
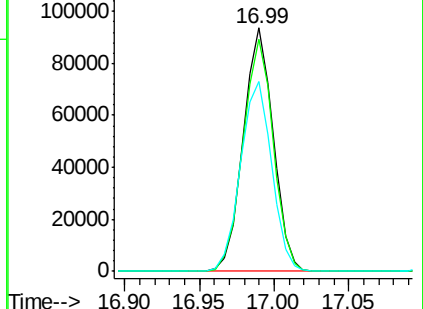
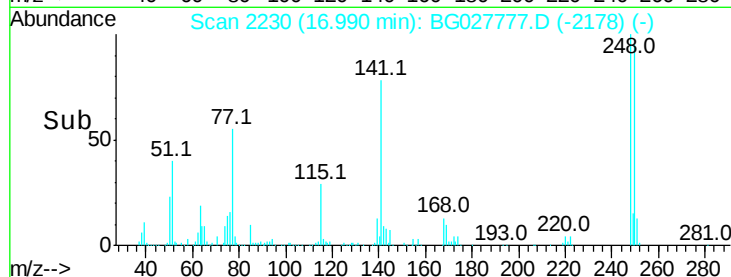
141 78.1 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 47.16 ng

RT: 17.12 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

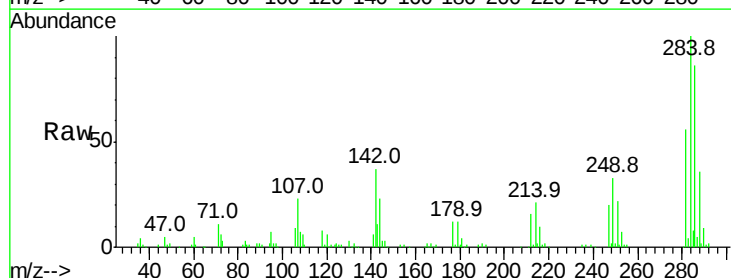
Tgt Ion:284 Resp: 133703

Ion Ratio Lower Upper

284 100

142 36.7 29.9 44.9

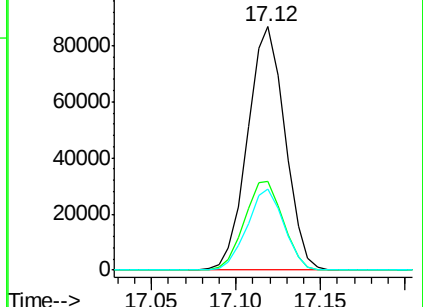
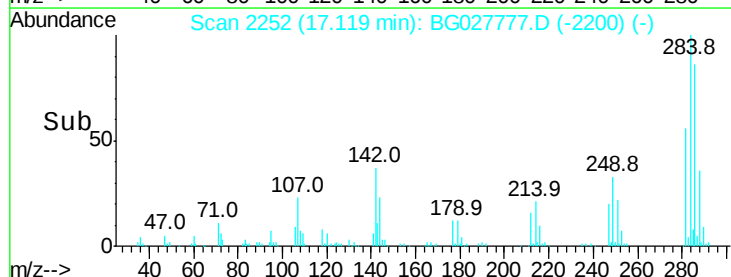
249 33.2 29.2 43.8

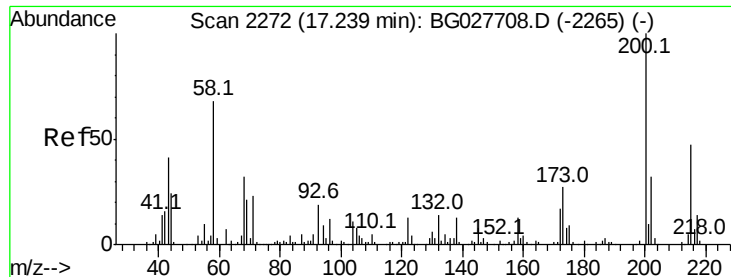


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

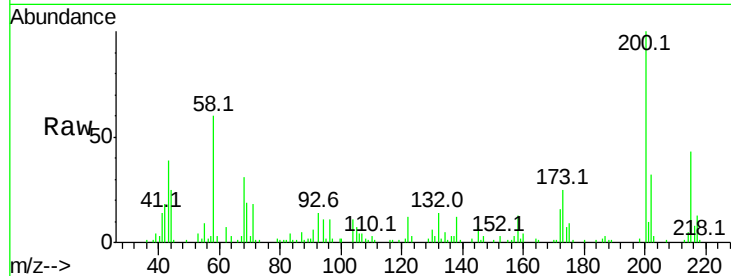




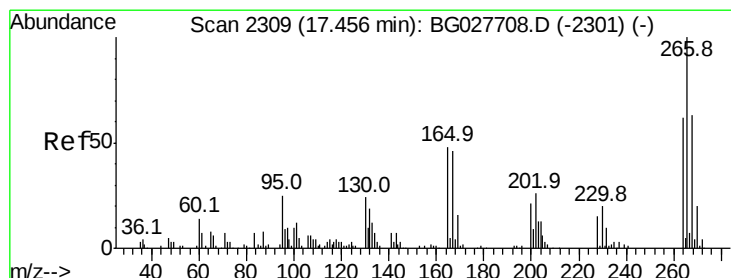
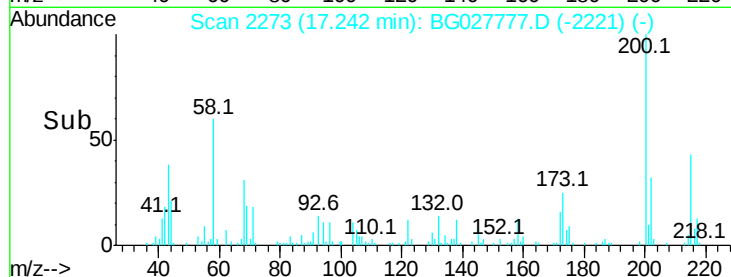
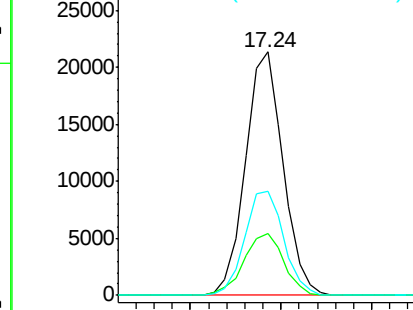
#68
Atrazine
Concen: 11.64 ng
RT: 17.24 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 30601
Ion Ratio Lower Upper
200 100
173 25.2 3.0 43.0
215 42.7 28.4 68.4

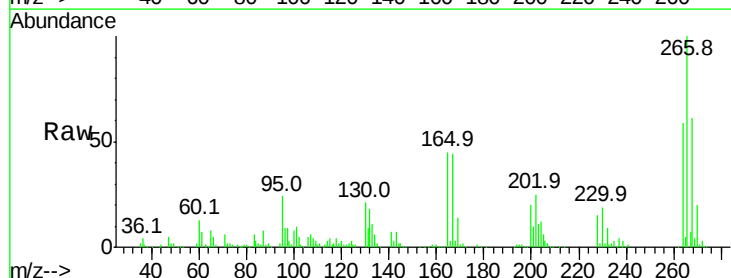


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

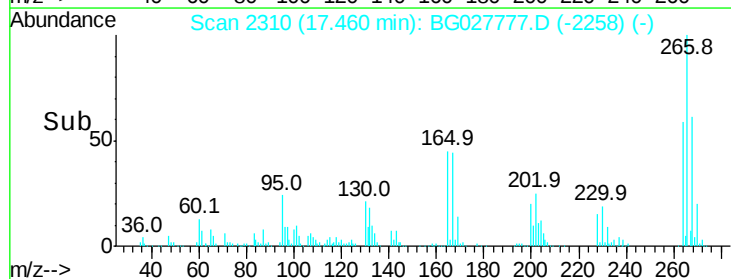
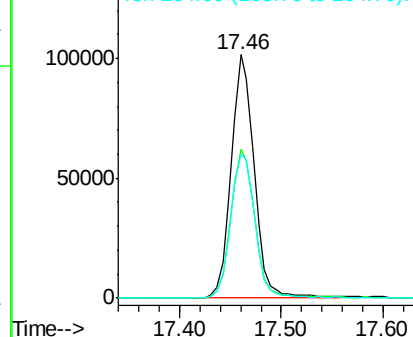


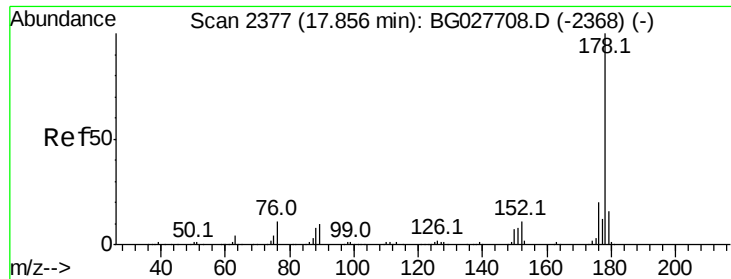
#69
Pentachlorophenol
Concen: 87.98 ng
RT: 17.46 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:266 Resp: 160436
Ion Ratio Lower Upper
266 100
268 61.3 48.6 72.8
264 59.2 50.1 75.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

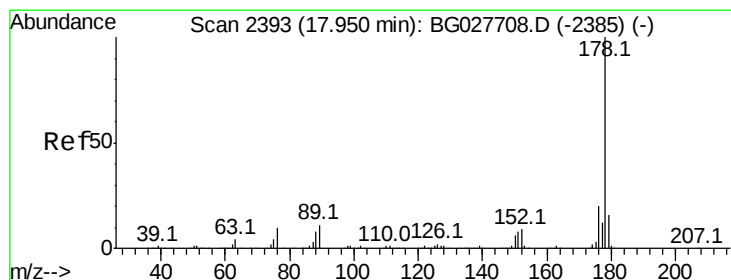
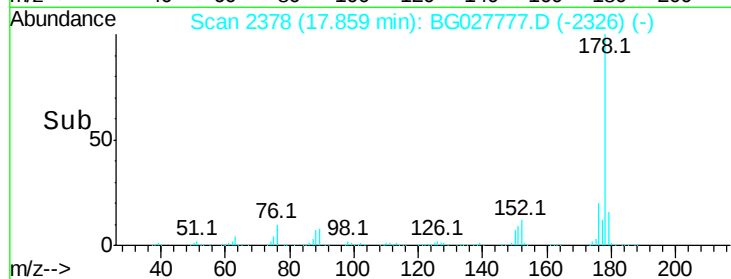
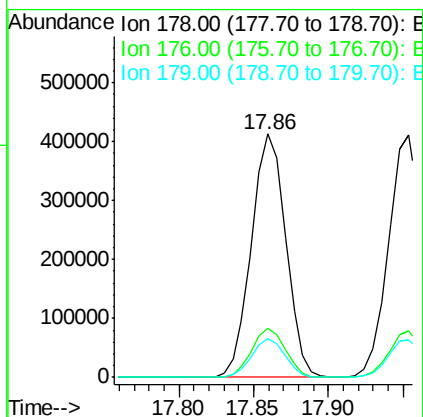
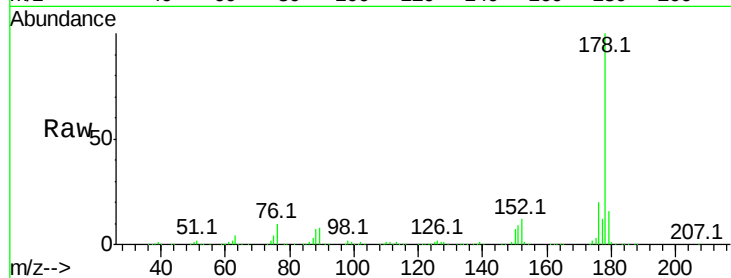




#70
Phenanthrene
Concen: 44.58 ng
RT: 17.86 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

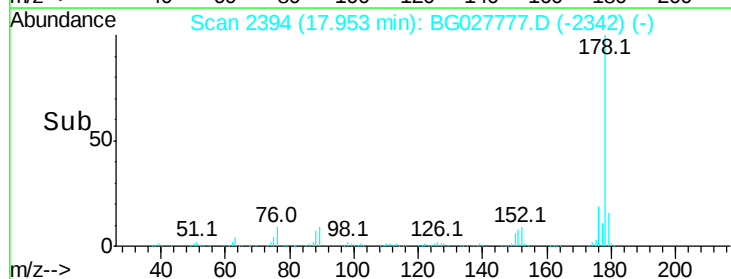
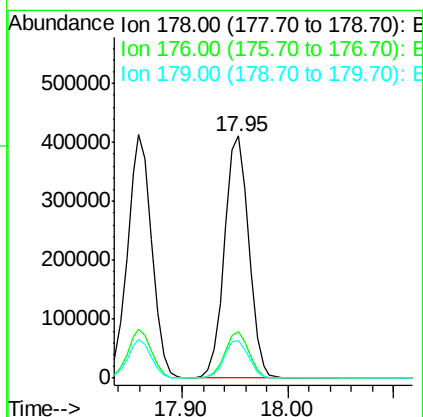
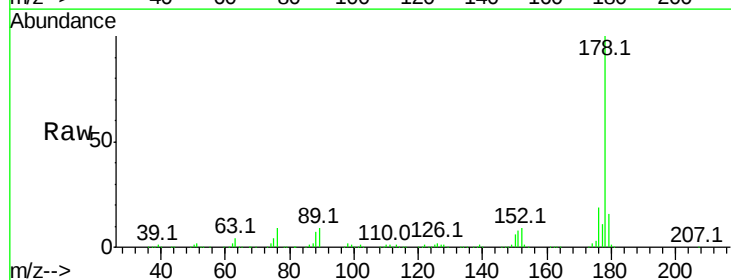
Instrument :
BNA_G
ClientSampleId :

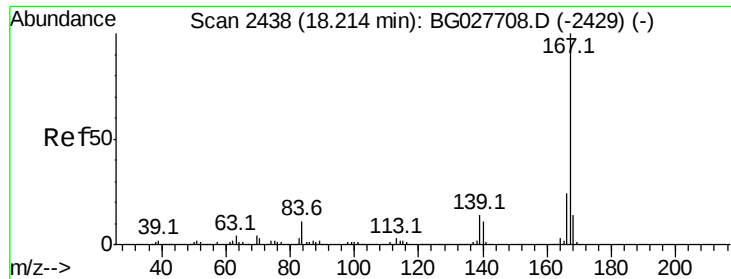
Tot Ion:178 Resp: 658626
Ion Ratio Lower Upper
178 100
176 20.2 17.7 26.5
179 16.0 15.0 22.6



#71
Anthracene
Concen: 43.80 ng
RT: 17.95 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:178 Resp: 653429
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.6 13.8 20.8

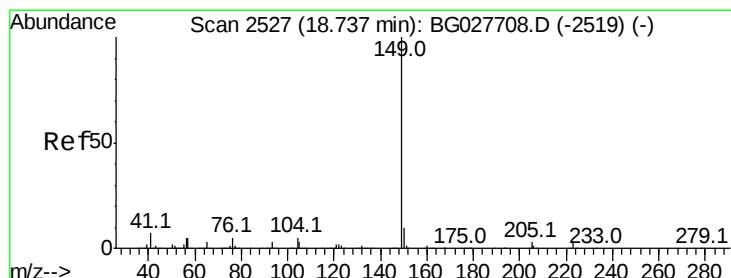
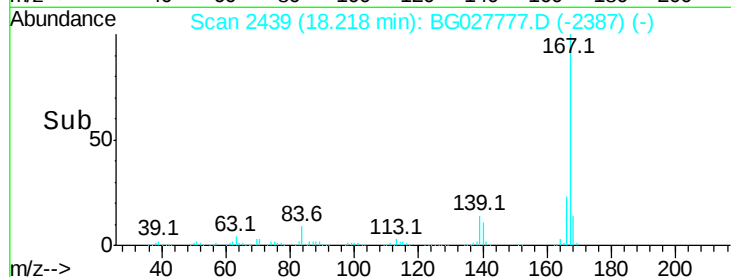
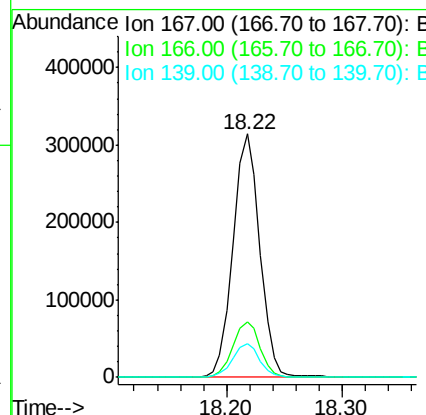
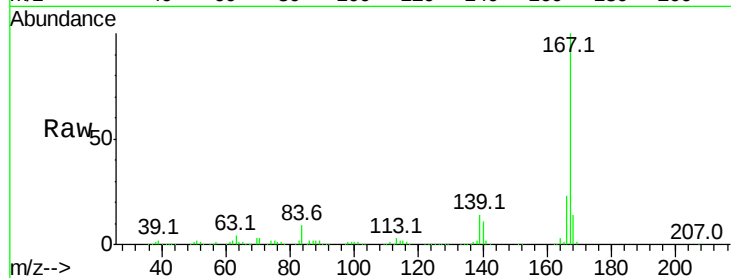




#72
 Carbazole
 Concen: 34.46 ng
 RT: 18.22 min Scan# 2439
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

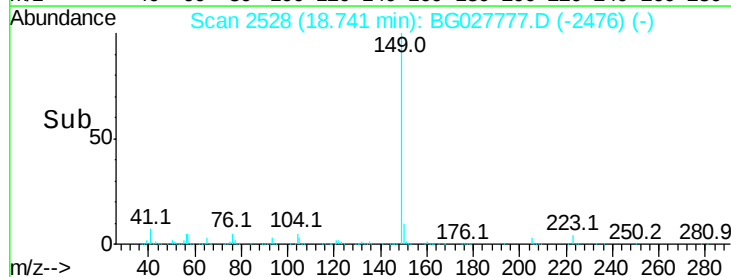
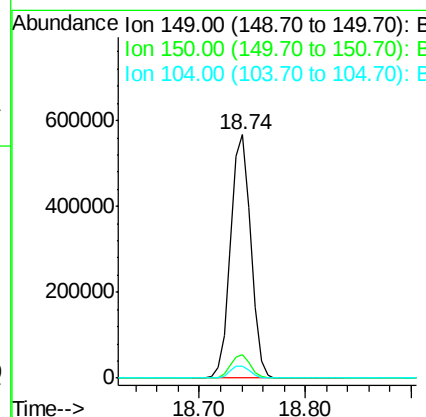
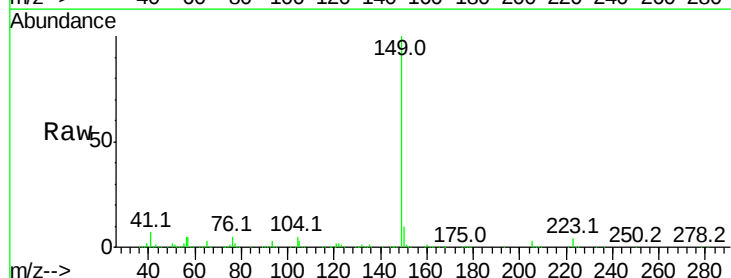
Instrument :
 BNA_G
 ClientSampleId :

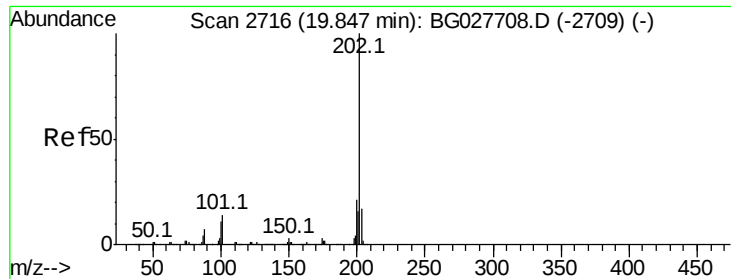
Tot Ion:167 Resp: 506395
 Ion Ratio Lower Upper
 167 100
 166 22.7 20.2 30.2
 139 13.8 12.8 19.2



#73
 Di-n-butylphthalate
 Concen: 46.13 ng
 RT: 18.74 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:149 Resp: 744923
 Ion Ratio Lower Upper
 149 100
 150 9.7 9.1 13.7
 104 5.0 6.7 10.1#

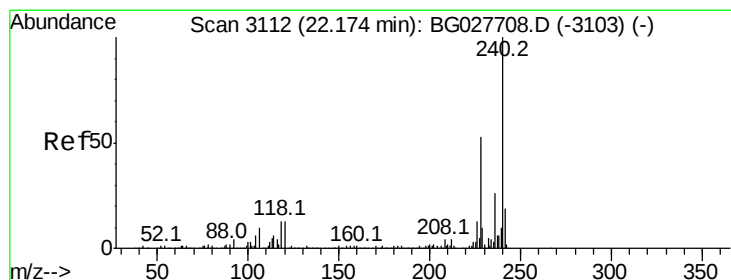
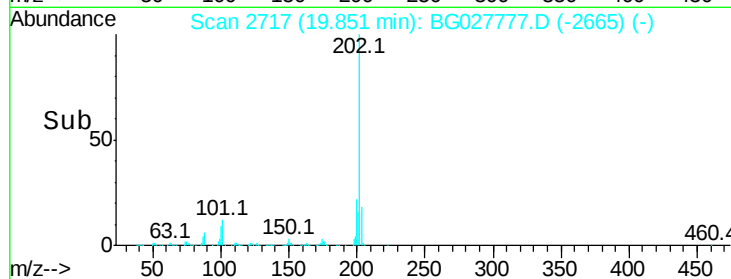
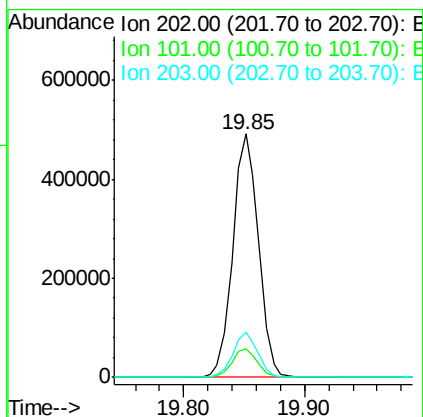
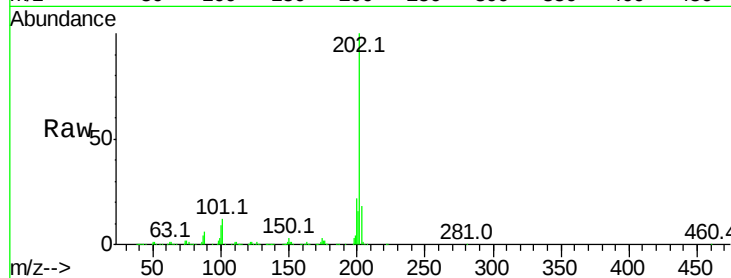




#74
Fluoranthene
Concen: 44.76 ng
RT: 19.85 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

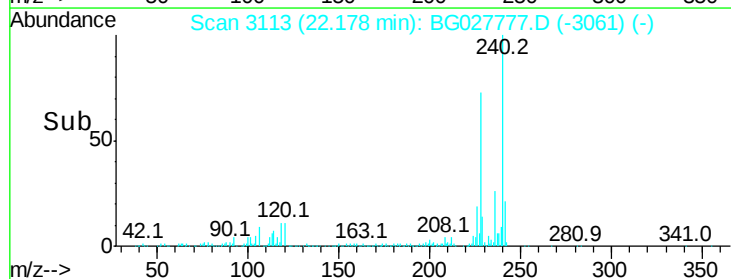
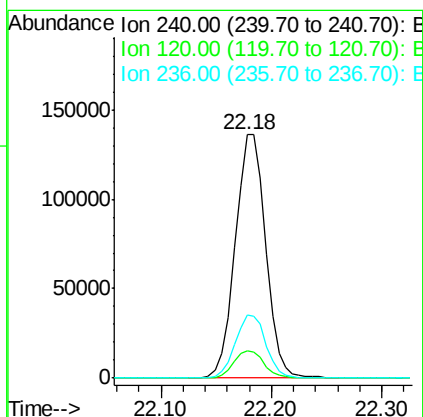
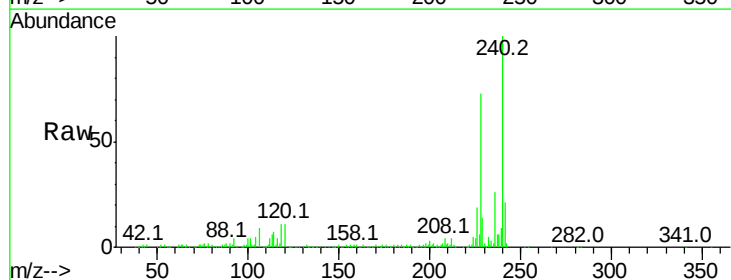
Instrument :
BNA_G
ClientSampleId :

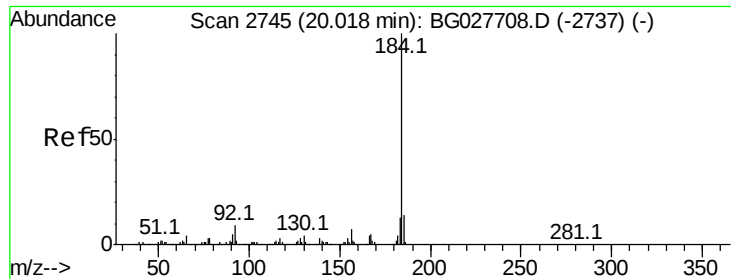
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.1
203	18.3	1.3	41.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.7	8.5#
236	26.0	22.2	33.4





#76

Benzidine

Concen: 3.23 ng

RT: 20.01 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

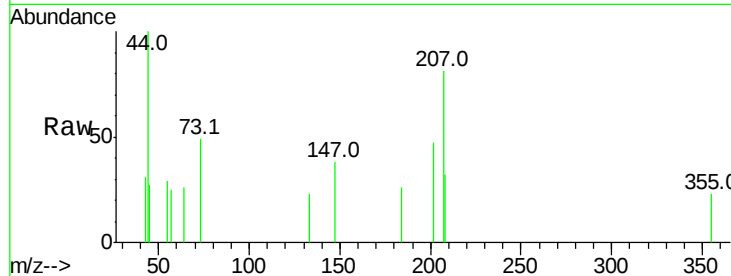
Tot Ion:184 Resp: 63

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

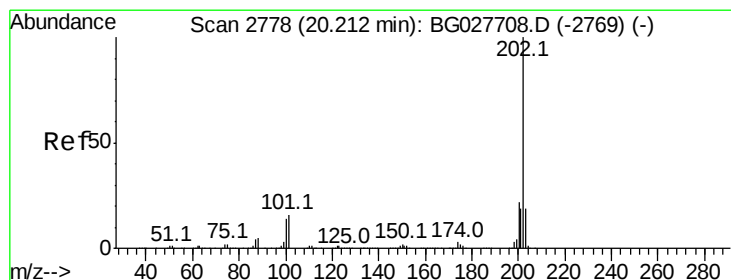
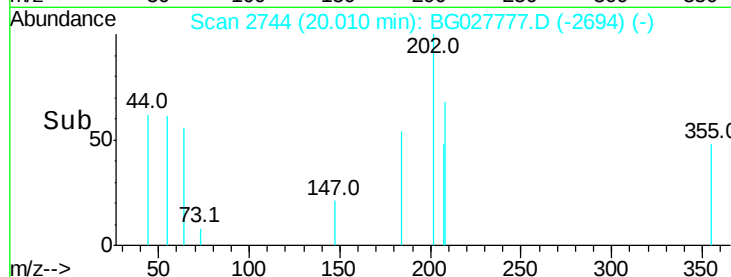
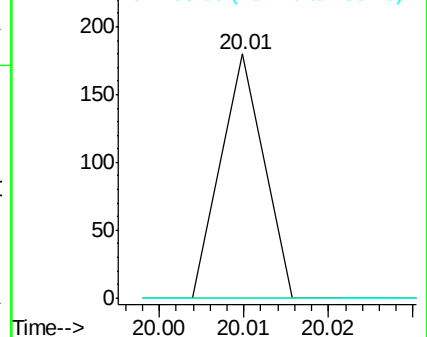
183 0.0 11.0 16.6#



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

Pyrene

Concen: 44.70 ng

RT: 20.22 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

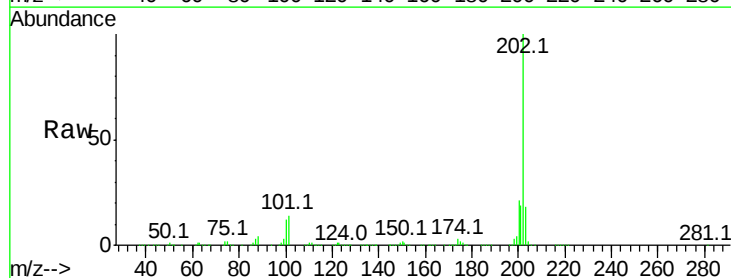
Tgt Ion:202 Resp: 741137

Ion Ratio Lower Upper

202 100

200 21.4 19.6 29.4

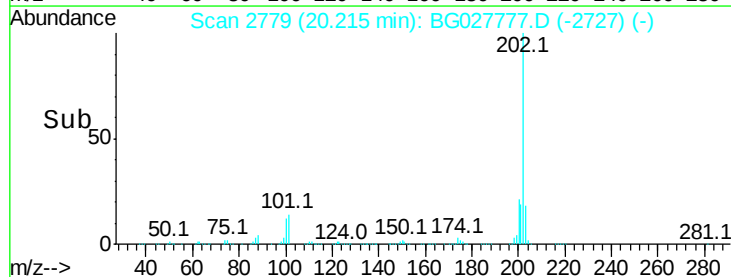
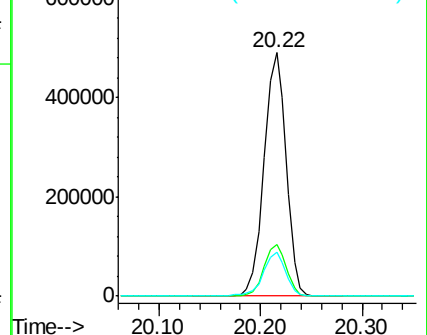
203 17.9 15.8 23.8

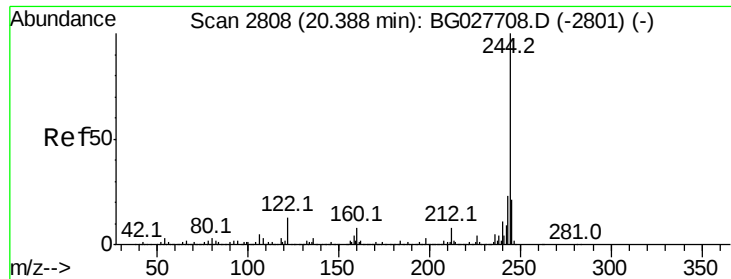


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 98.58 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

Instrument :

BNA_G

ClientSampleId :

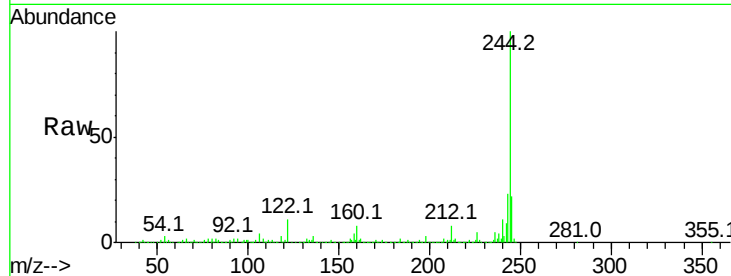
Tot Ion:244 Resp: 1110869

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	11.4	8.6	12.8

244 100

212 7.8 10.0 15.0#

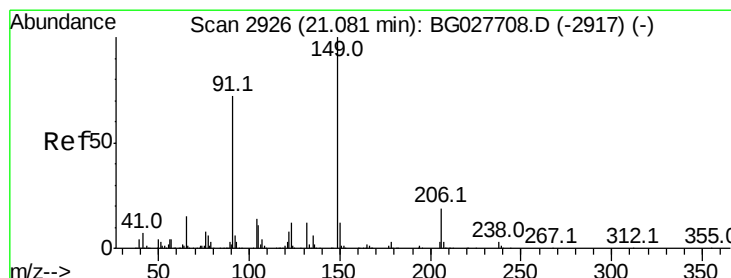
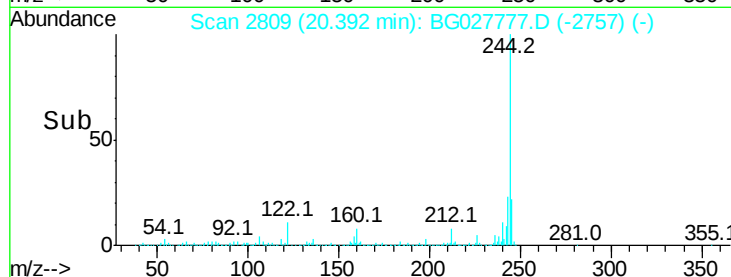
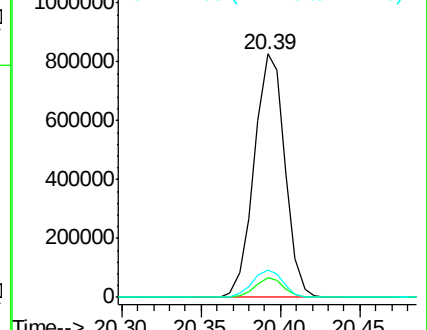
122 11.4 8.6 12.8



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: 45.47 ng

RT: 21.09 min Scan# 2927

Delta R.T. 0.00 min

Lab File: BG027777.D

Acq: 1 Jul 2017 10:34

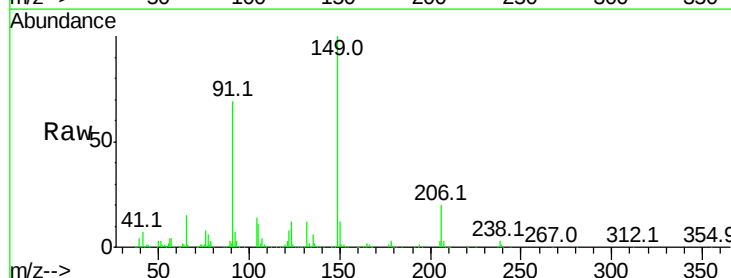
Tgt Ion:149 Resp: 339532

Ion	Ratio	Lower	Upper
149	100		
91	69.1	63.5	95.3
206	20.5	21.0	31.6#

149 100

91 69.1 63.5 95.3

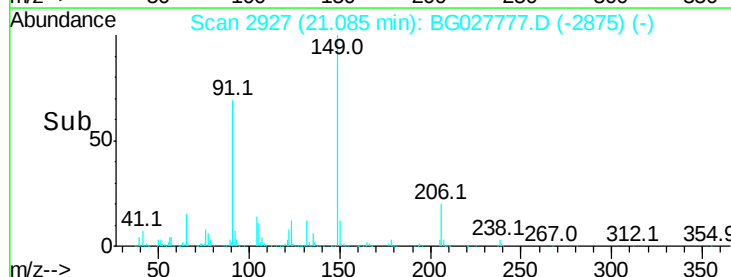
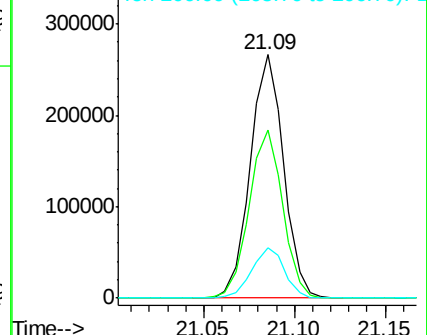
206 20.5 21.0 31.6#

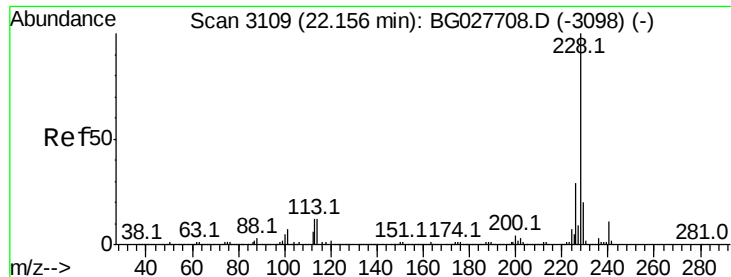


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

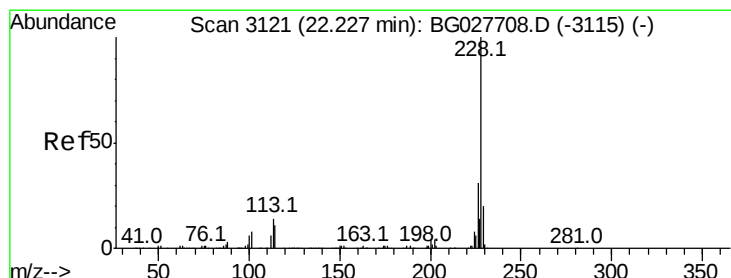
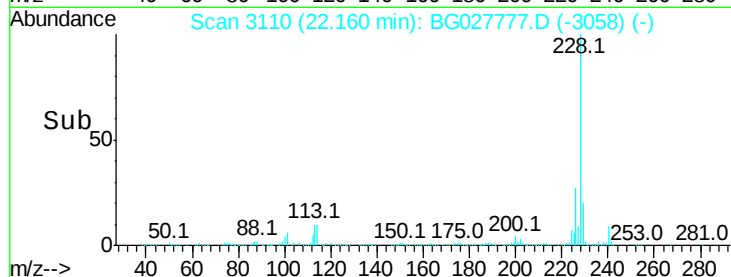
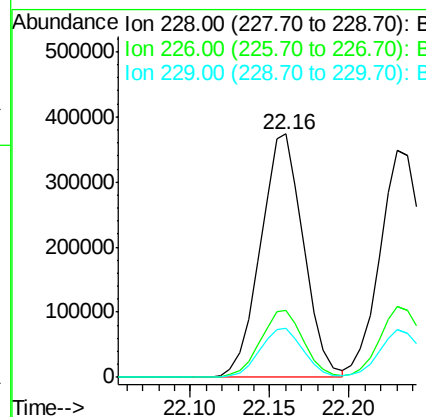
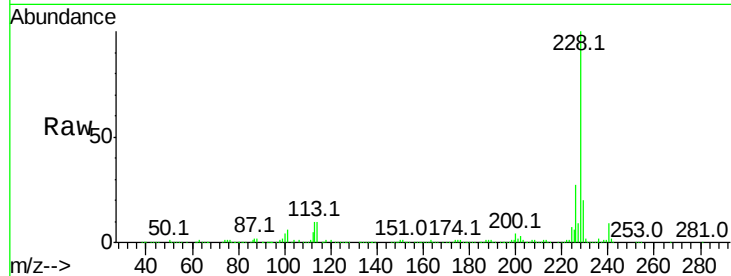




#80
Benzo(a)anthracene
Concen: 43.98 ng
RT: 22.16 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

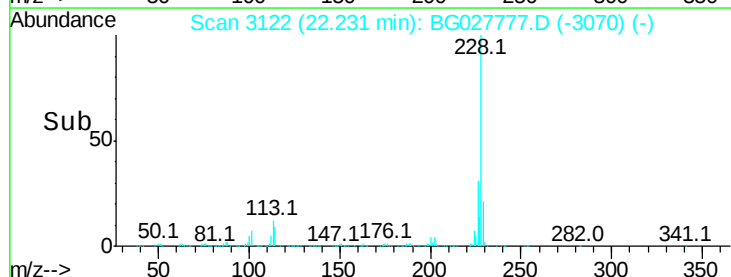
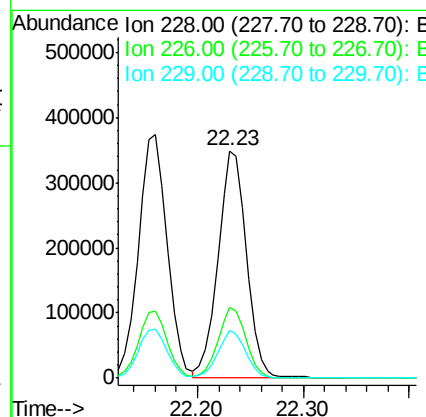
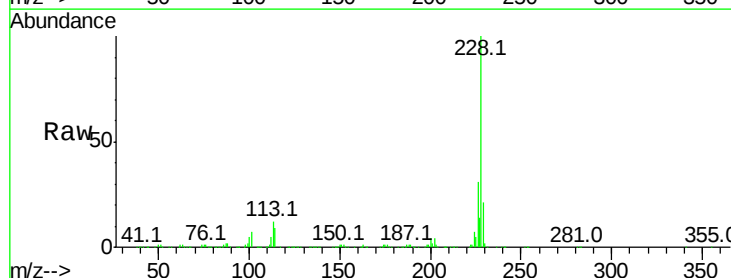
Instrument :
BNA_G
ClientSampleId :

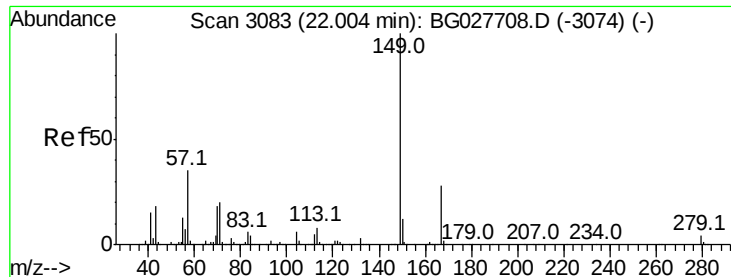
Tot Ion:228 Resp: 702364
Ion Ratio Lower Upper
228 100
226 27.3 24.9 37.3
229 20.2 18.2 27.2



#82
Chrysene
Concen: 43.45 ng
RT: 22.23 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:228 Resp: 650512
Ion Ratio Lower Upper
228 100
226 31.0 27.0 40.4
229 20.9 17.8 26.6

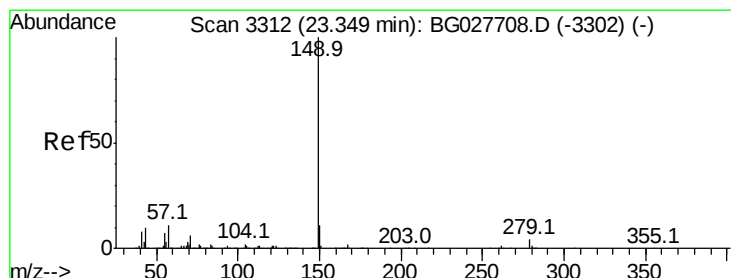
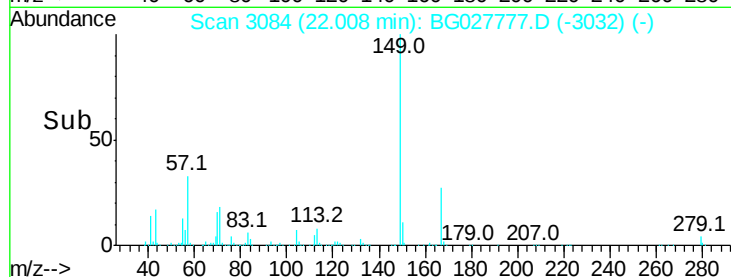
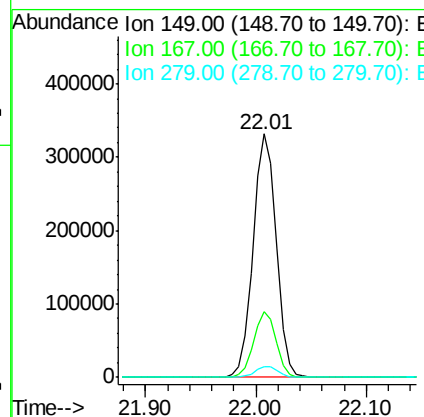
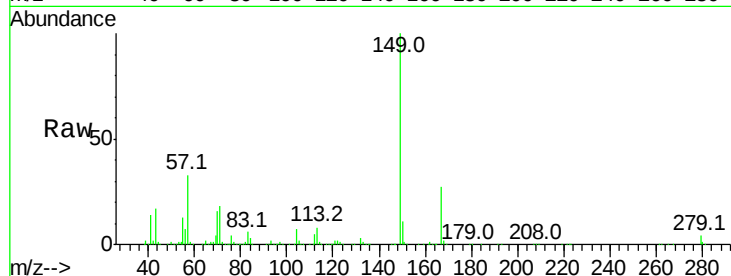




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.63 ng
 RT: 22.01 min Scan# 3084
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

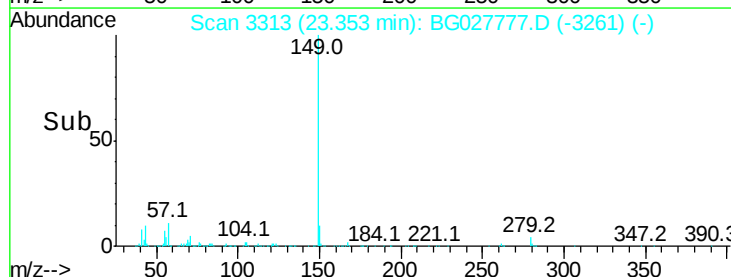
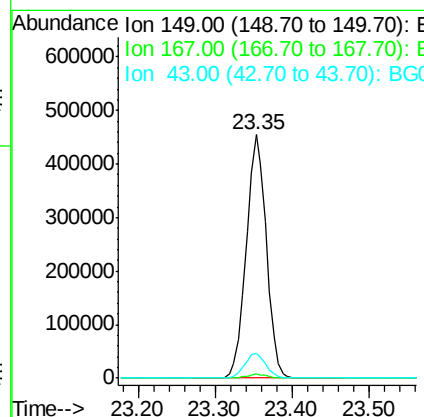
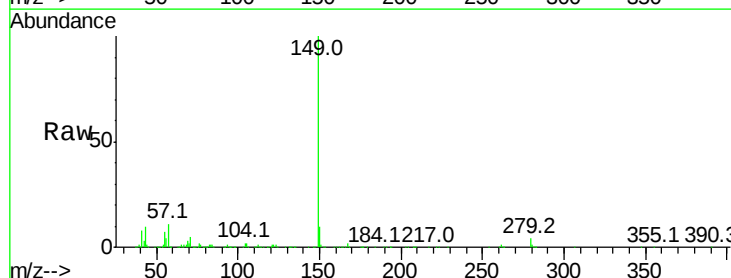
Instrument :
 BNA_G
 ClientSampleId :

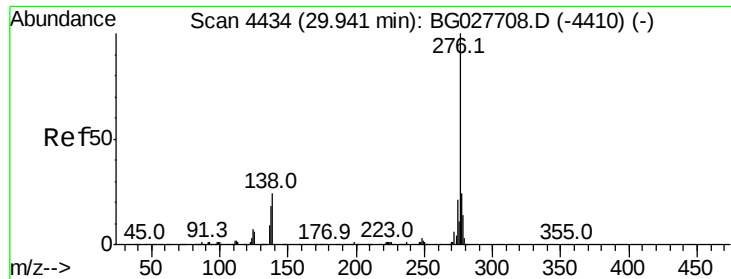
Tot Ion:149 Resp: 487038
 Ion Ratio Lower Upper
 149 100
 167 27.0 23.7 35.5
 279 4.4 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 45.94 ng
 RT: 23.35 min Scan# 3313
 Delta R.T. 0.00 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:149 Resp: 828142
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.2
 43 10.5 11.8 17.6#

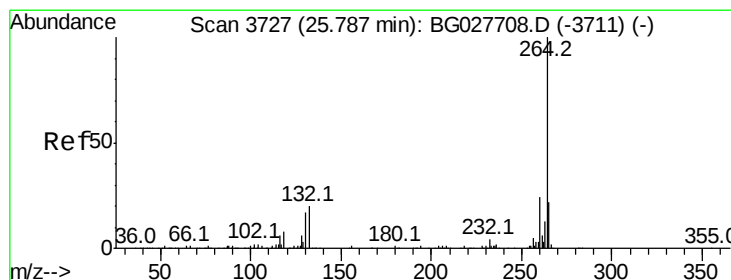
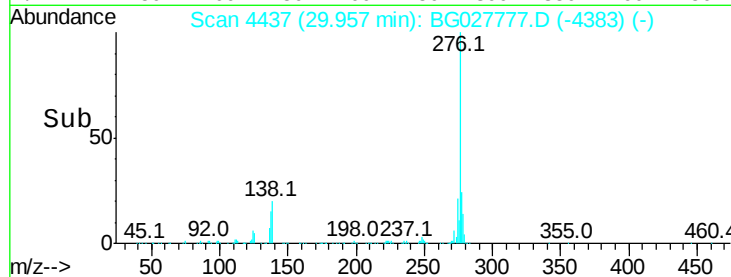
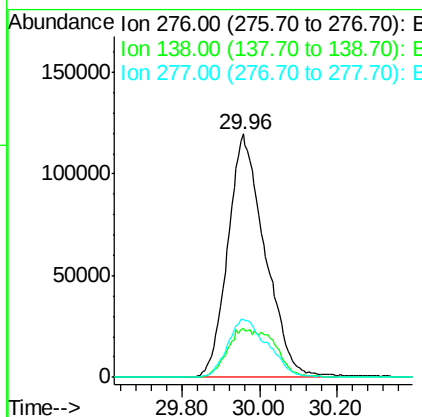
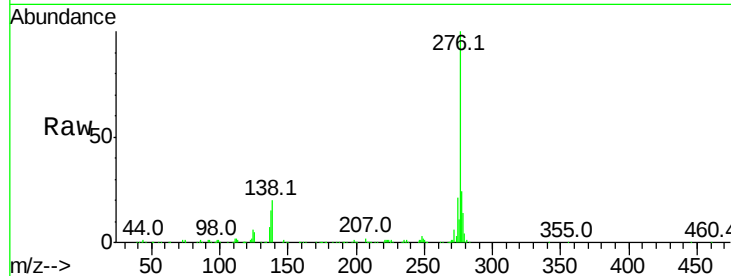




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.90 ng
 RT: 29.96 min Scan# 4437
 Delta R.T. 0.02 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

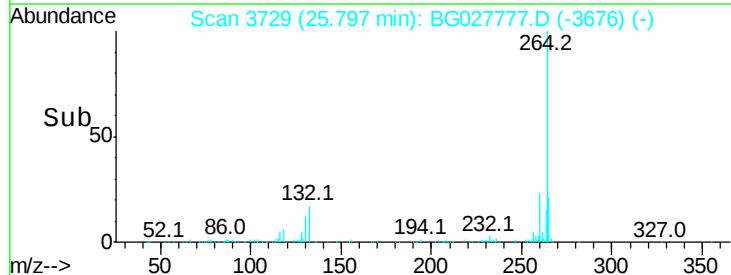
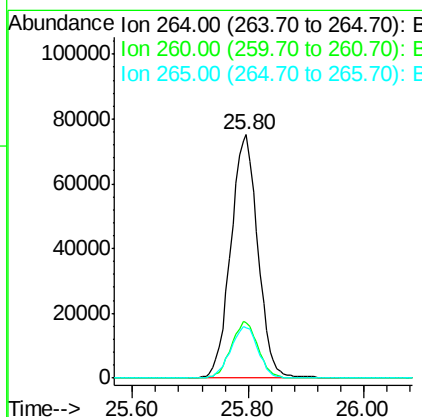
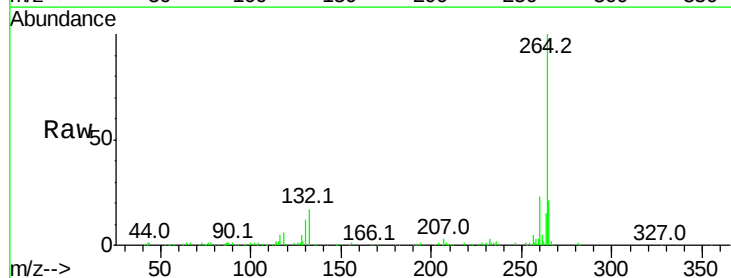
Instrument :
 BNA_G
 ClientSampleId :

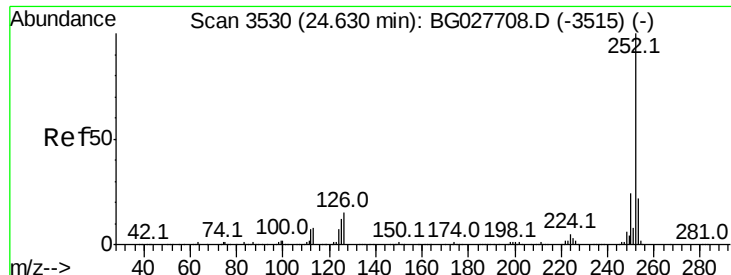
Tot Ion:276 Resp: 802485
 Ion Ratio Lower Upper
 276 100
 138 13.0 4.7 7.1#
 277 25.9 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3729
 Delta R.T. 0.01 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Tgt Ion:264 Resp: 243603
 Ion Ratio Lower Upper
 264 100
 260 22.8 21.8 32.8
 265 20.7 18.2 27.4

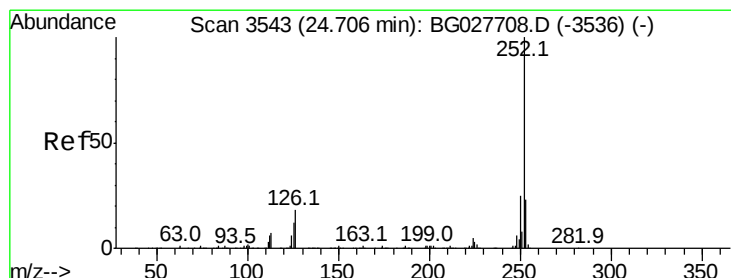
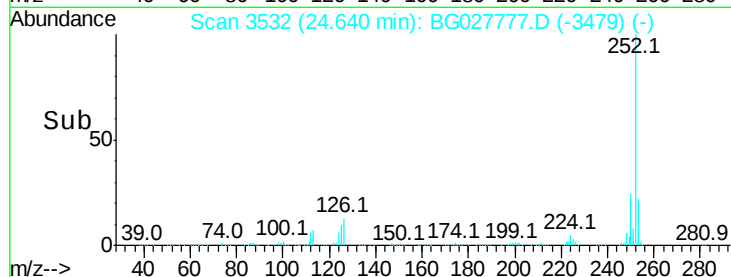
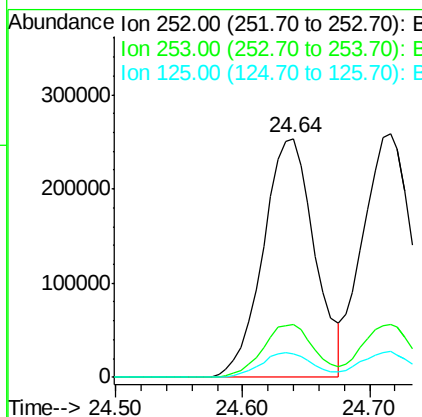
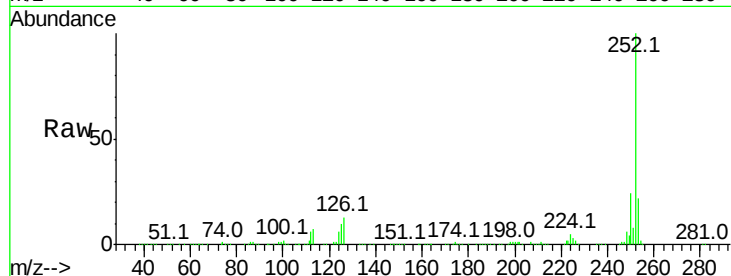




#87
Benzo(b)fluoranthene
Concen: 45.58 ng
RT: 24.64 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

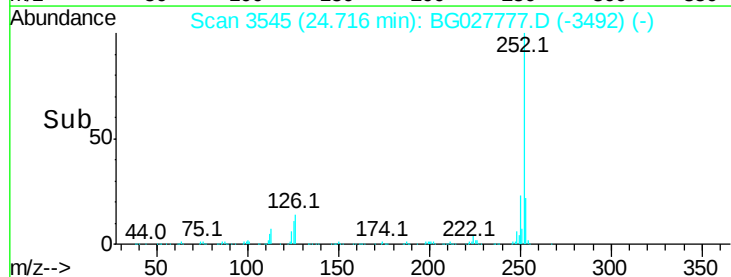
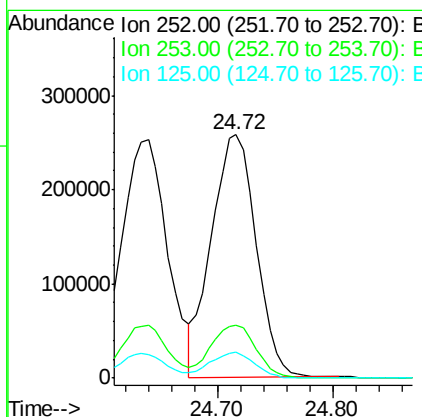
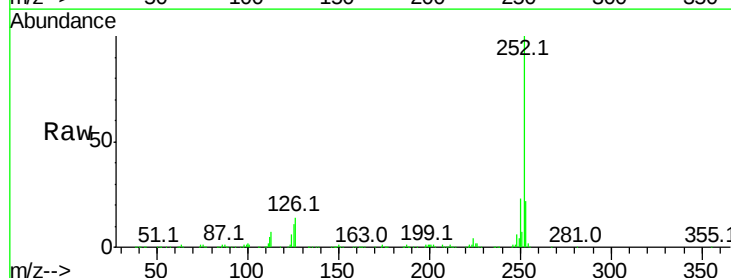
Instrument :
BNA_G
ClientSampleId :

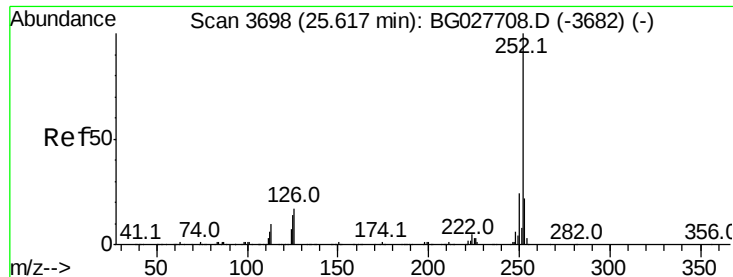
Tot Ion:252 Resp: 715324
Ion Ratio Lower Upper
252 100
253 22.2 18.7 28.1
125 10.0 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 44.64 ng
RT: 24.72 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:252 Resp: 692545
Ion Ratio Lower Upper
252 100
253 21.7 20.2 30.2
125 10.5 5.1 7.7#

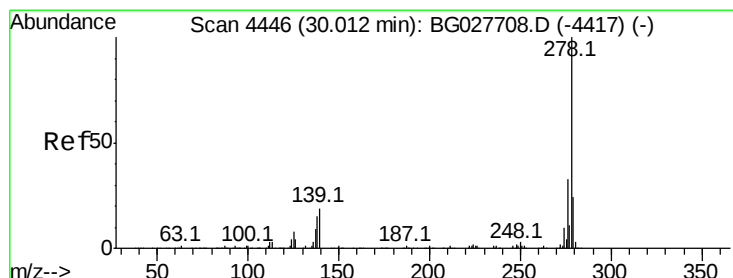
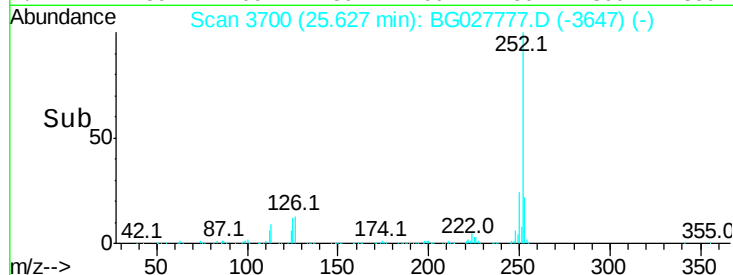
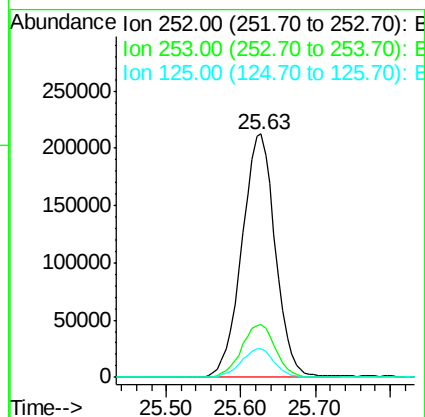
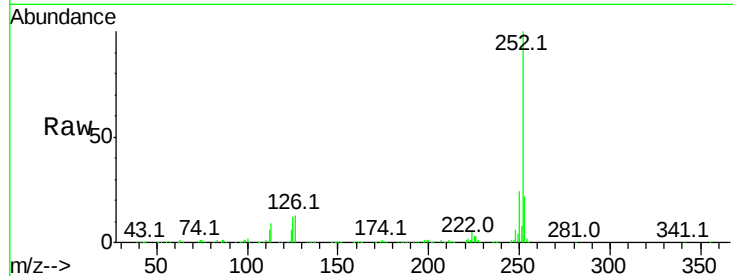




#89
Benzo(a)pyrene
Concen: 44.81 ng
RT: 25.63 min Scan# 3700
Delta R.T. 0.01 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

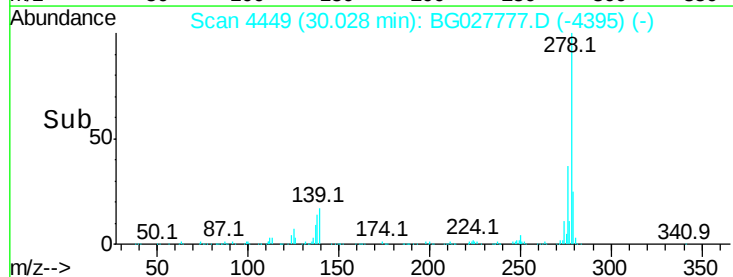
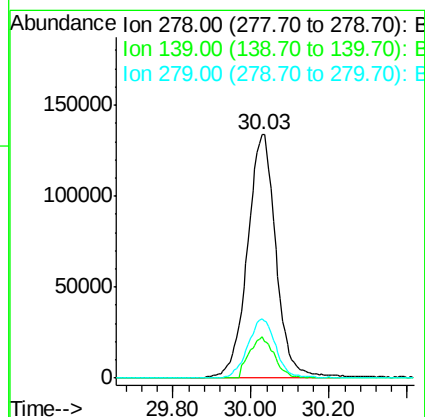
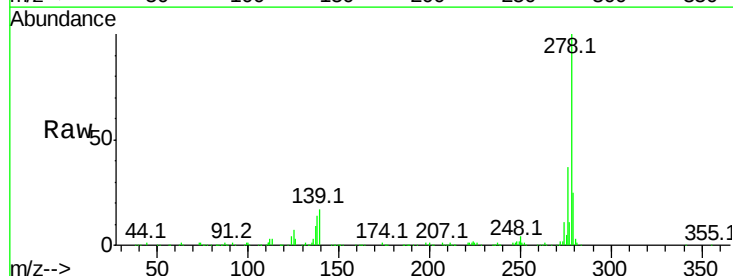
Instrument :
BNA_G
ClientSampled :

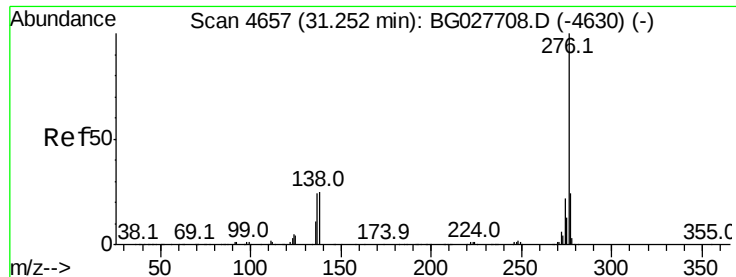
Tot Ion:252 Resp: 659952
Ion Ratio Lower Upper
252 100
253 21.6 19.2 28.8
125 11.5 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 45.77 ng
RT: 30.03 min Scan# 4449
Delta R.T. 0.02 min
Lab File: BG027777.D
Acq: 1 Jul 2017 10:34

Tgt Ion:278 Resp: 682870
Ion Ratio Lower Upper
278 100
139 16.8 7.7 11.5#
279 24.6 19.1 28.7





#91
 Benzo(a,h,i)perylene
 Concen: 44.85 ng
 RT: 31.27 min Scan# 4661
 Delta R.T. 0.02 min
 Lab File: BG027777.D
 Acq: 1 Jul 2017 10:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	27.8
138	22.0	8.1	12.1

