

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027253.D
 Acq On : 6 Jun 2017 17:32
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 19:04:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	66170	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	317523	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	193437	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	405448	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	434221	20.00	ng	-0.02
86) Perylene-d12	25.98	264	403250	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	365328	84.25	ng	-0.01
7) Phenol-d6	7.70	99	548442	86.16	ng	0.00
23) Nitrobenzene-d5	9.73	82	478636	94.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	218690	85.85	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1140421	82.48	ng	-0.01
78) Terphenyl-d14	20.48	244	1359135	79.85	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	70554	39.24	ng	# 79
3) Pyridine	4.54	79	229382	41.38	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	87712	42.74	ng	# 55
6) Aniline	7.89	93	336337	41.96	ng	# 92
8) 2-Chlorophenol	8.13	128	190720	41.65	ng	90
9) Benzaldehyde	7.71	77	186090	42.28	ng	85
10) Phenol	7.73	94	272944	41.93	ng	76
11) bis(2-Chloroethyl)ether	7.97	93	220294	41.25	ng	85
12) 1,3-Dichlorobenzene	8.46	146	205684	39.83	ng	# 94
13) 1,4-Dichlorobenzene	8.60	146	212622	40.12	ng	96
14) 1,2-Dichlorobenzene	8.93	146	204497	39.56	ng	96
15) Benzyl Alcohol	8.79	79	196762	43.87	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	320161	41.90	ng	91
17) 2-Methylphenol	8.98	107	191929	41.71	ng	# 87
18) Hexachloroethane	9.66	117	75588	42.34	ng	86
19) n-Nitroso-di-n-propylamine	9.36	70	188065	42.23	ng	# 85
20) 3+4-Methylphenols	9.31	107	271568	42.61	ng	89
22) Acetophenone	9.38	105	338082	41.63	ng	# 83
24) Nitrobenzene	9.77	77	259744	45.16	ng	# 85
25) Isophorone	10.29	82	499850	42.10	ng	# 96
26) 2-Nitrophenol	10.48	139	109519	46.46	ng	# 76
27) 2,4-Dimethylphenol	10.52	122	216918	42.50	ng	93
28) bis(2-Chloroethoxy)methane	10.76	93	316093	41.12	ng	98
29) 2,4-Dichlorophenol	11.02	162	202052	43.36	ng	99
30) 1,2,4-Trichlorobenzene	11.24	180	212808	41.24	ng	99
31) Naphthalene	11.44	128	696740	40.15	ng	99
32) Benzoic acid	10.64	122	154527	44.47	ng	# 88
33) 4-Chloroaniline	11.53	127	297260	41.11	ng	# 87
34) Hexachlorobutadiene	11.71	225	128378	40.48	ng	98
35) Caprolactam	12.32	113	72138	45.14	ng	# 75
36) 4-Chloro-3-methylphenol	12.60	107	245213	41.98	ng	91
37) 2-Methylnaphthalene	13.22	142	476989	37.68	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	252172	41.85	ng	98
40) Hexachlorocyclopentadiene	13.34	237	131876	41.12	ng	94

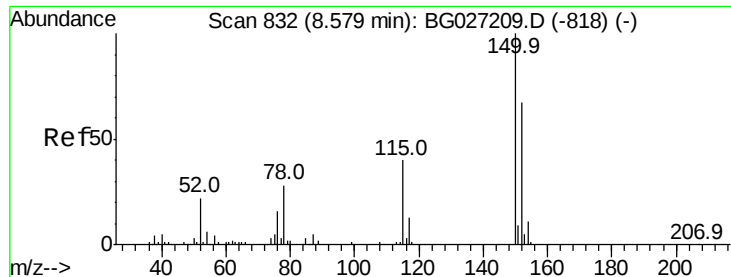
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027253.D
 Acq On : 6 Jun 2017 17:32
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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 BNA_G
 ClientSampleId :

Quant Time: Jun 06 19:04:08 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	165108	45.17	nq	96
43) 2,4,5-Trichlorophenol	13.66	196	183703	44.91	nq	94
45) 1,1'-Biphenyl	13.98	154	654957	41.48	nq	97
46) 2-Chloronaphthalene	14.04	162	492461	41.60	nq	100
47) 2-Nitroaniline	14.23	65	158264	47.15	nq	# 80
48) Acenaphthylene	14.88	152	826194	41.24	nq	98
49) Dimethylphthalate	14.59	163	613909	40.01	nq	97
50) 2,6-Dinitrotoluene	14.71	165	135903	44.11	nq	# 78
51) Acenaphthene	15.21	154	541880	41.58	nq	98
52) 3-Nitroaniline	15.04	138	137116	42.65	nq	87
53) 2,4-Dinitrophenol	15.24	184	62139	50.33	nq	# 42
54) Dibenzofuran	15.54	168	732348	40.22	nq	91
55) 4-Nitrophenol	15.32	139	106678	40.11	nq	# 56
56) 2,4-Dinitrotoluene	15.49	165	175056	44.49	nq	# 87
57) Fluorene	16.19	166	645461	39.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.76	232	155610	42.62	nq	100
59) Diethylphthalate	15.94	149	608361	39.75	nq	98
60) 4-Chlorophenyl-phenylether	16.18	204	324452	39.82	nq	93
61) 4-Nitroaniline	16.21	138	133779	41.36	nq	# 66
62) Azobenzene	16.47	77	586457	41.34	nq	89
64) 4,6-Dinitro-2-methylphenol	16.25	198	94125	51.07	nq	88
65) n-Nitrosodiphenylamine	16.39	169	539932	42.48	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	203350	42.38	nq	100
67) Hexachlorobenzene	17.20	284	215643	41.78	nq	90
68) Atrazine	17.32	200	181543	42.71	nq	98
69) Pentachlorophenol	17.53	266	126043	41.66	nq	97
70) Phenanthrene	17.94	178	925053	40.55	nq	96
71) Anthracene	18.03	178	937172	41.01	nq	99
72) Carbazole	18.30	167	854690	39.65	nq	96
73) Di-n-butylphthalate	18.83	149	896110	42.87	nq	# 93
74) Fluoranthene	19.93	202	983280	40.35	nq	94
76) Benzidine	20.09	184	468135	35.79	nq	97
77) Pyrene	20.29	202	1003569	38.25	nq	96
79) Butylbenzylphthalate	21.18	149	398807	43.02	nq	91
80) Benzo(a)anthracene	22.27	228	1020130	41.20	nq	95
81) 3,3'-Dichlorobenzidine	22.16	252	401739	41.70	nq	98
82) Chrysene	22.34	228	966789	40.67	nq	96
83) Bis(2-ethylhexyl)phthalate	22.13	149	581940	41.54	nq	99
84) Di-n-octyl phthalate	23.52	149	983343	42.38	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.25	276	1188292	41.27	nq	# 93
87) Benzo(b)fluoranthene	24.80	252	1051945	42.06	nq	# 97
88) Benzo(k)fluoranthene	24.88	252	1017308	41.46	nq	# 94
89) Benzo(a)pyrene	25.81	252	979180	41.59	nq	# 94
90) Dibenzo(a,h)anthracene	30.34	278	1044109	42.37	nq	# 94
91) Benzo(g,h,i)perylene	31.59	276	990719	41.51	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

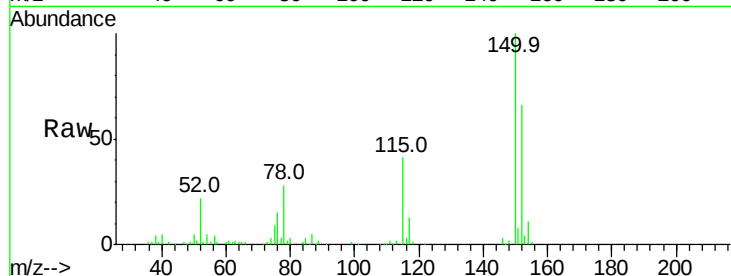
Tot Ion:152 Resp: 66170

Ion Ratio Lower Upper

152 100

150 152.4 114.0 171.0

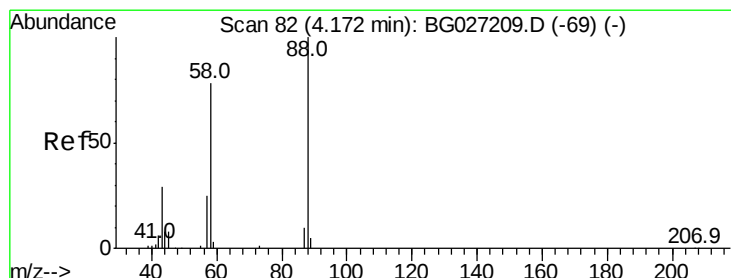
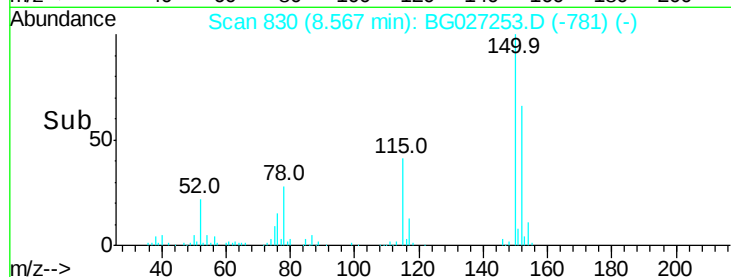
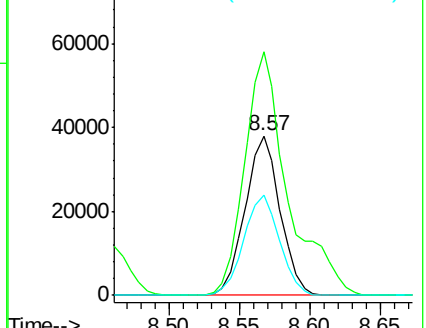
115 62.4 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.24 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

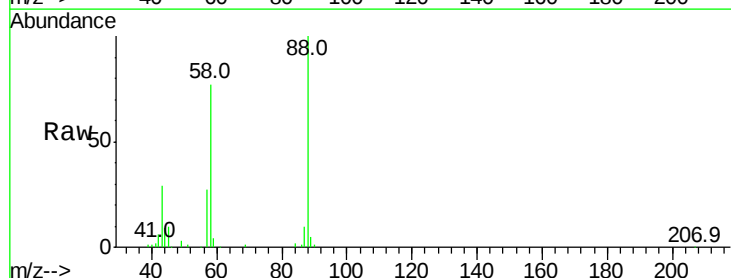
Tgt Ion: 88 Resp: 70554

Ion Ratio Lower Upper

88 100

58 79.6 79.4 119.2

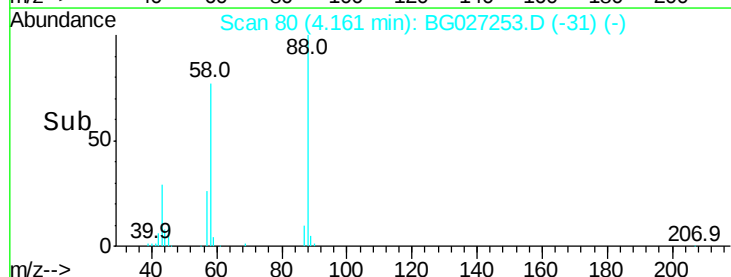
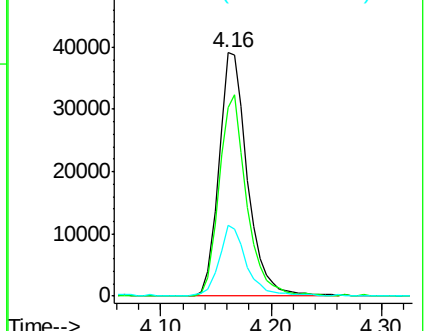
43 28.0 33.8 50.6#



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: 41.38 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

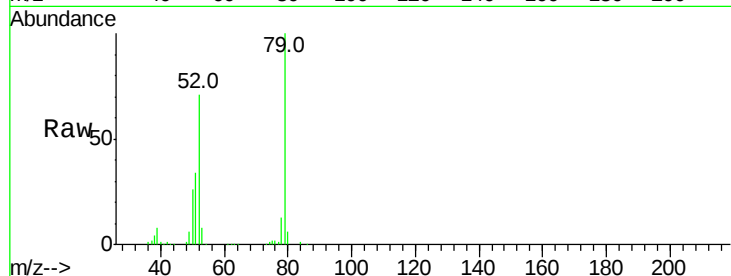
Tot Ion: 79 Resp: 229382

Ion Ratio Lower Upper

79 100

52 70.5 77.8 116.6#

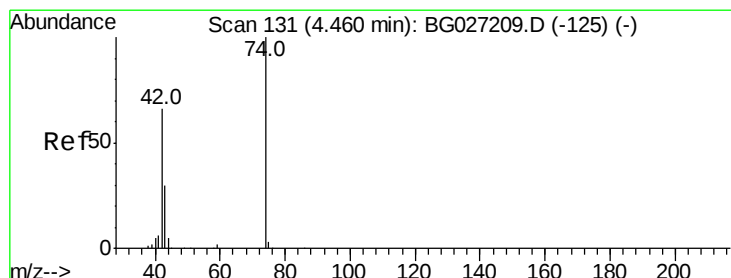
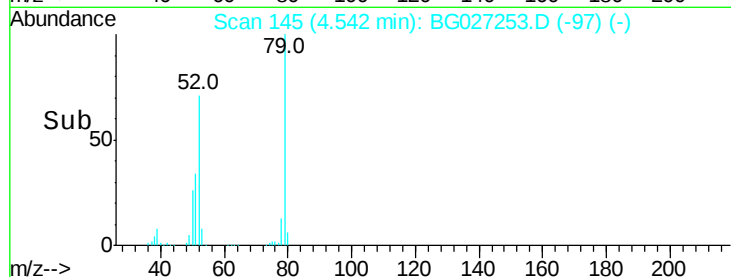
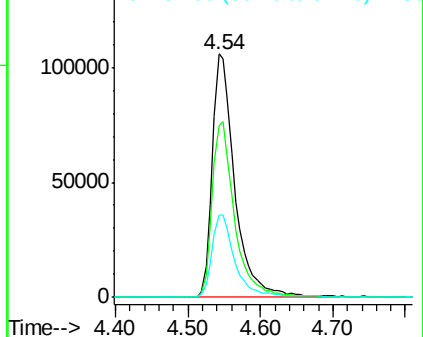
51 34.0 43.2 64.8#



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: 42.74 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

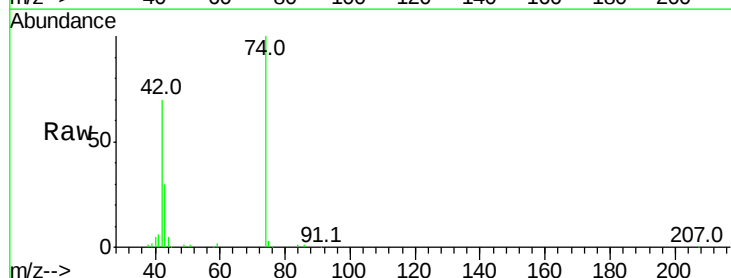
Tgt Ion: 42 Resp: 87712

Ion Ratio Lower Upper

42 100

74 142.9 76.7 115.1#

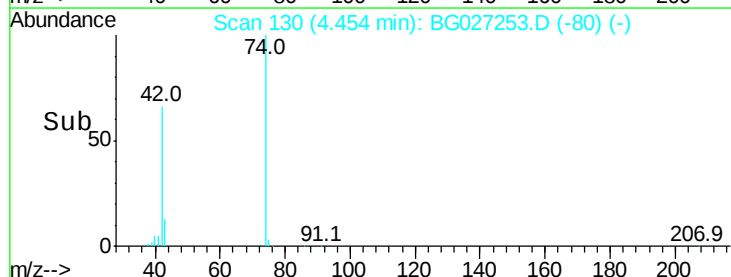
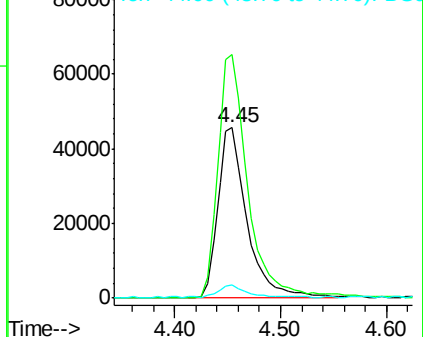
44 7.6 6.1 9.1

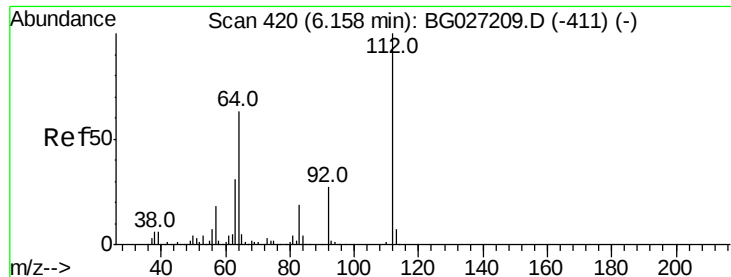


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.25 ng

RT: 6.15 min Scan# 418

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

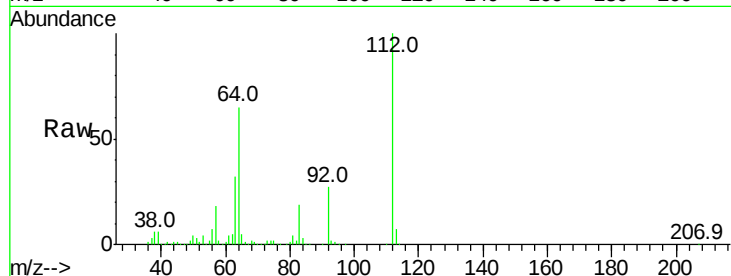
Tot Ion:112 Resp: 365328

Ion Ratio Lower Upper

112 100

64 65.4 61.8 92.6

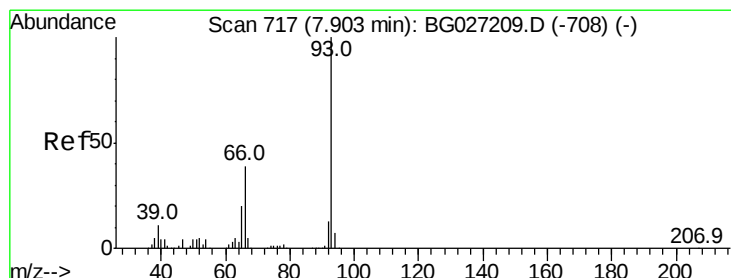
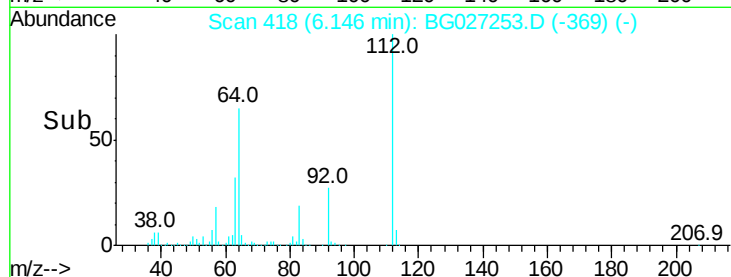
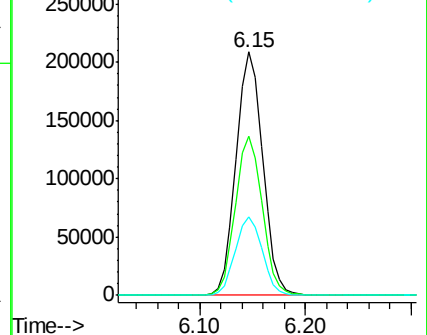
63 32.5 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.96 ng

RT: 7.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

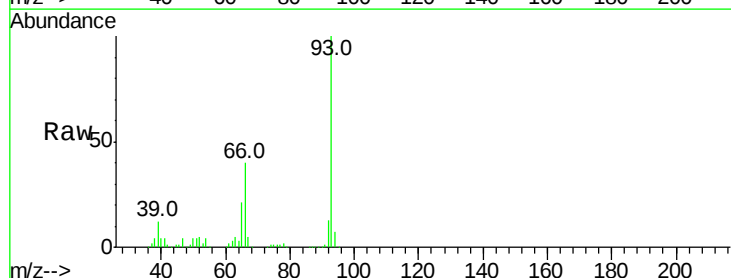
Tgt Ion: 93 Resp: 336337

Ion Ratio Lower Upper

93 100

66 40.3 35.4 53.2

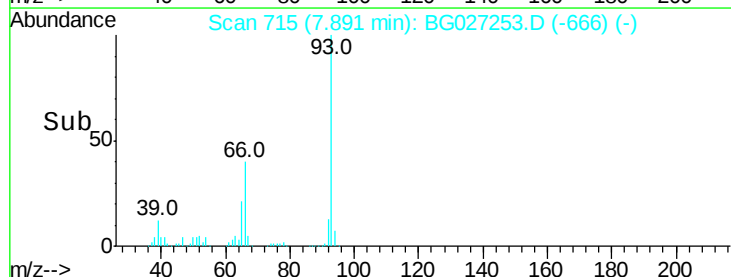
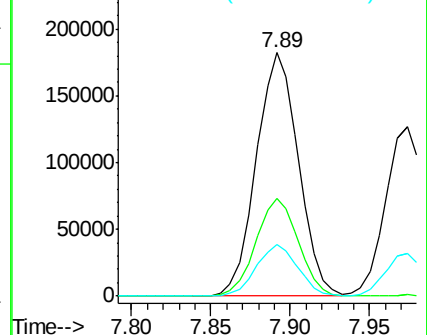
65 21.0 21.2 31.8#

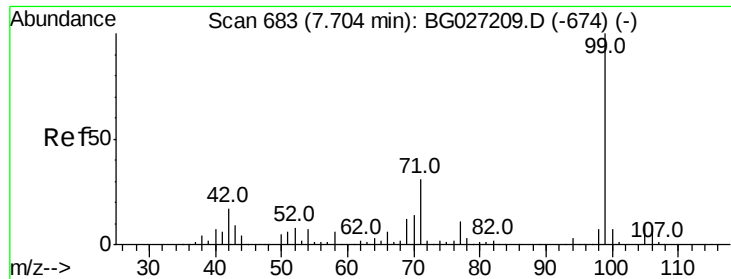


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.16 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampled :

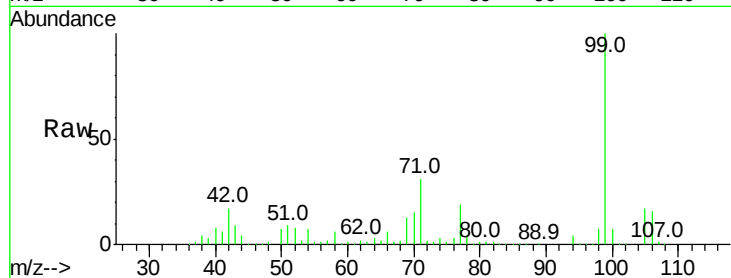
Tot Ion: 99 Resp: 548442

Ion Ratio Lower Upper

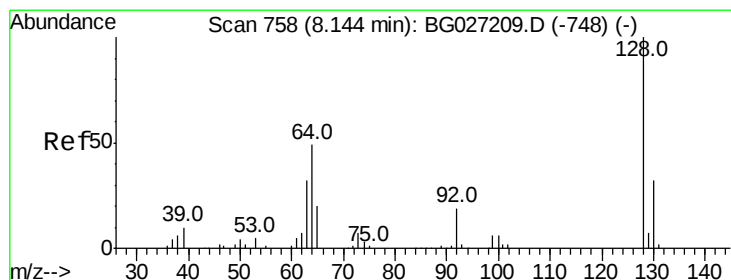
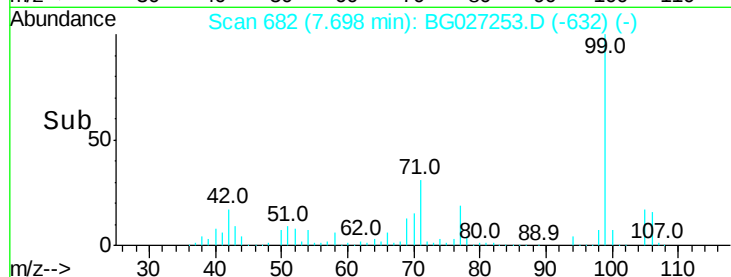
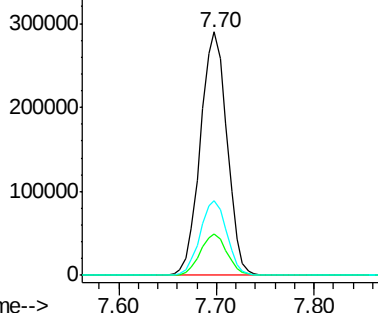
99 100

42 16.8 20.5 30.7#

71 30.7 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: 41.65 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

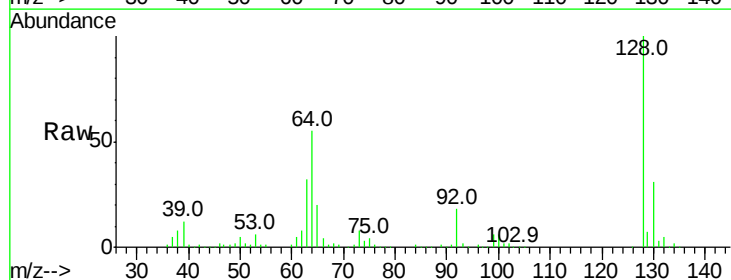
Tgt Ion:128 Resp: 190720

Ion Ratio Lower Upper

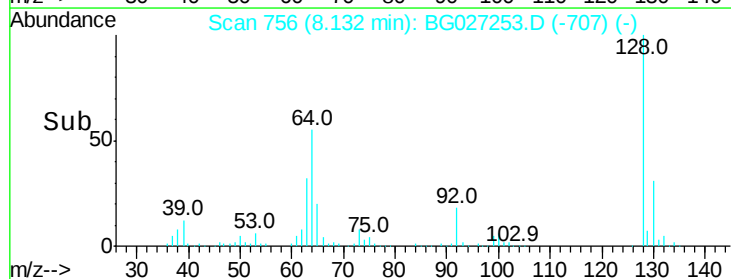
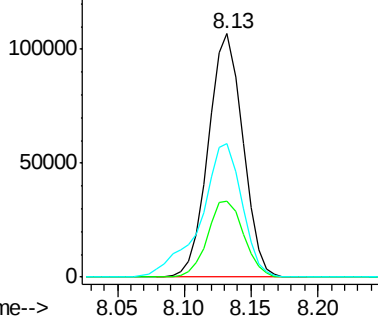
128 100

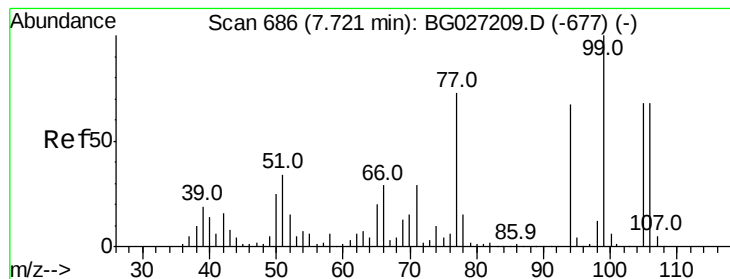
130 31.0 11.4 51.4

64 54.9 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: 42.28 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampled :

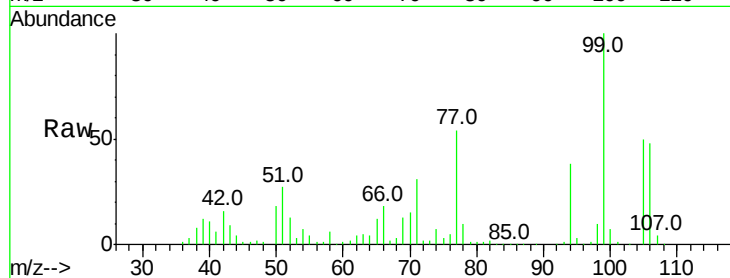
Tot Ion: 77 Resp: 186090

Ion Ratio Lower Upper

77 100

105 92.4 60.9 100.9

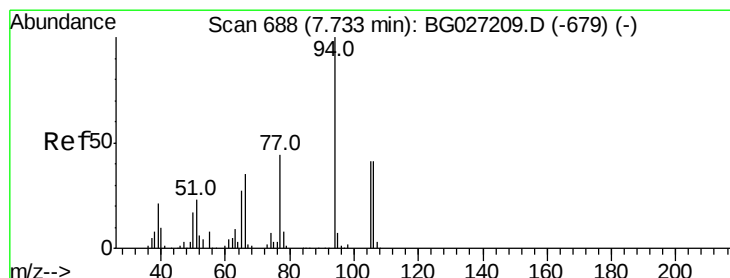
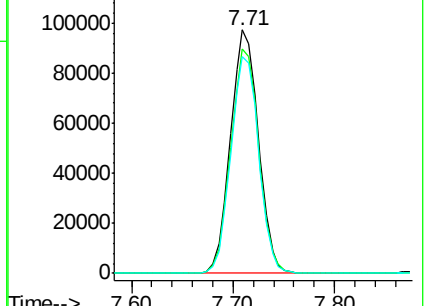
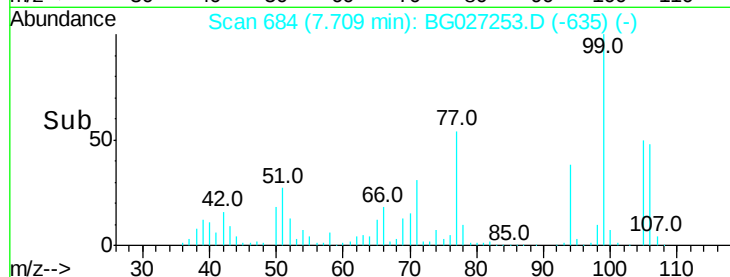
106 88.9 55.1 95.1



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: 41.93 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

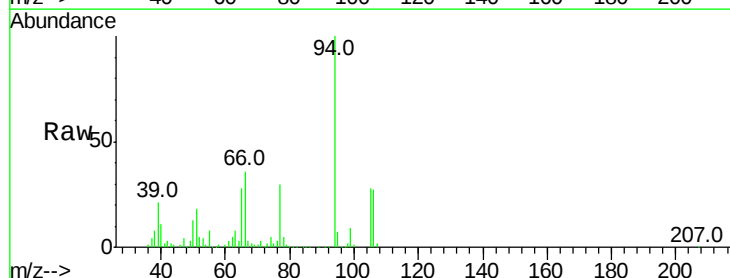
Tgt Ion: 94 Resp: 272944

Ion Ratio Lower Upper

94 100

65 27.8 20.6 60.6

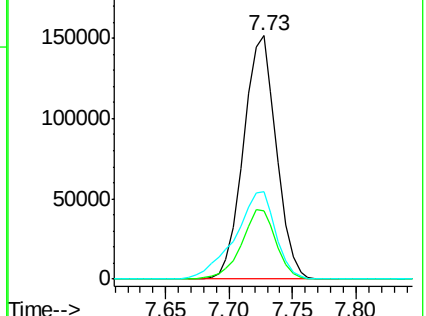
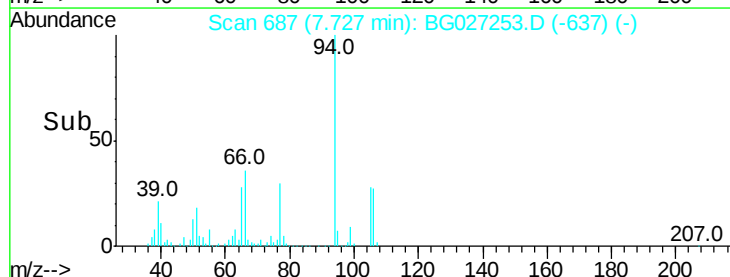
66 35.9 35.5 75.5

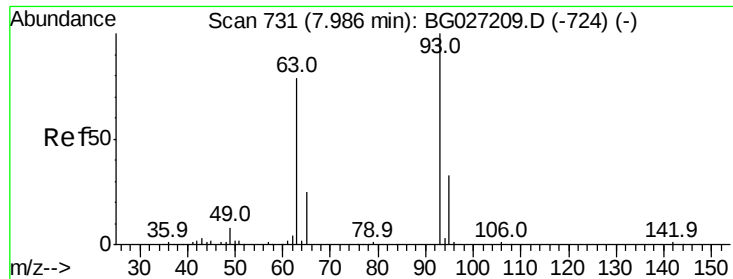


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.25 ng

RT: 7.97 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

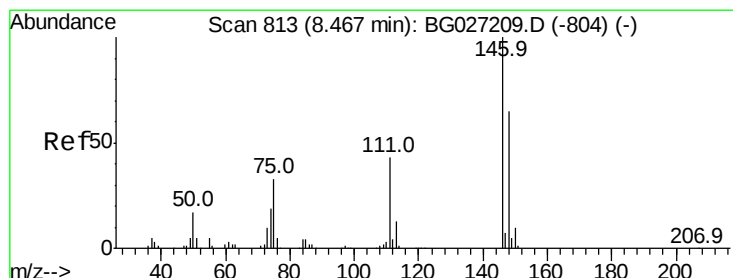
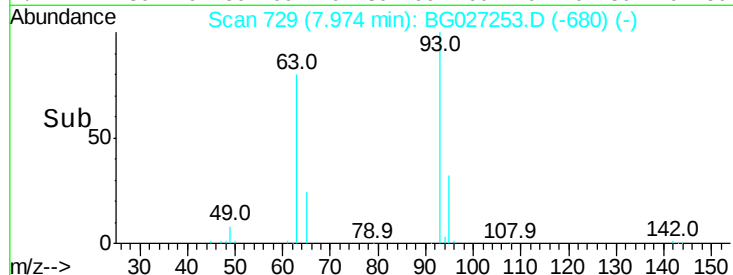
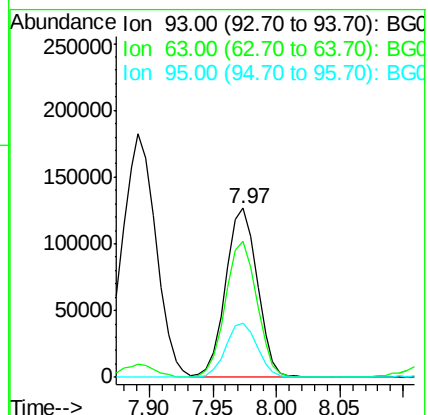
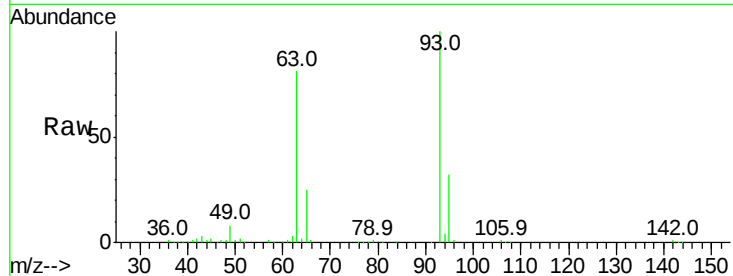
Tot Ion: 93 Resp: 220294

Ion Ratio Lower Upper

93 100

63 80.7 78.5 118.5

95 32.4 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 39.83 ng

RT: 8.46 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

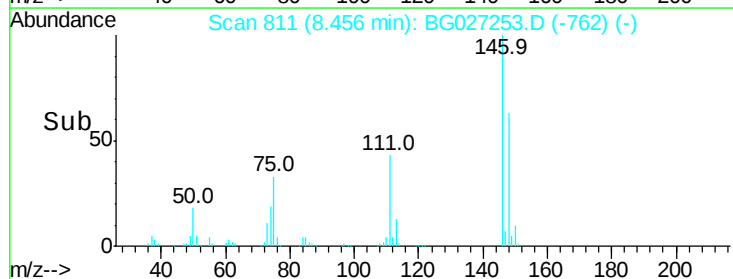
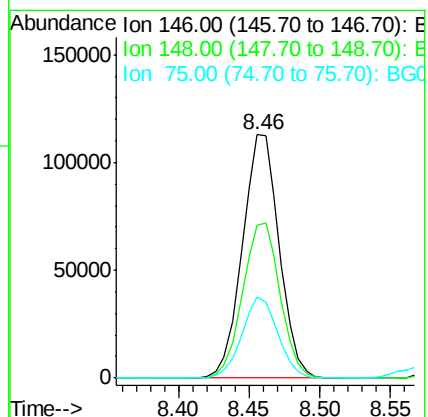
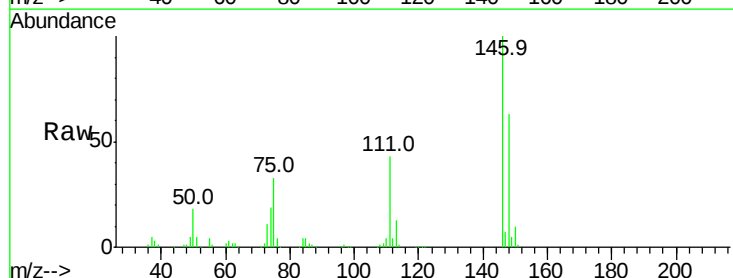
Tgt Ion: 146 Resp: 205684

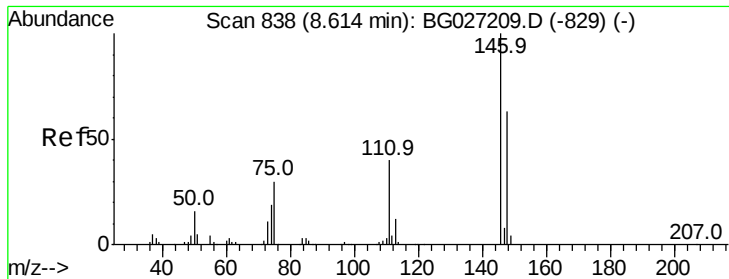
Ion Ratio Lower Upper

146 100

148 62.6 49.2 73.8

75 33.1 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 40.12 ng

RT: 8.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

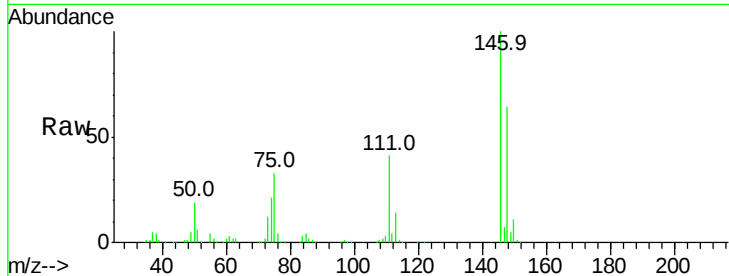
Tot Ion:146 Resp: 212622

Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.2

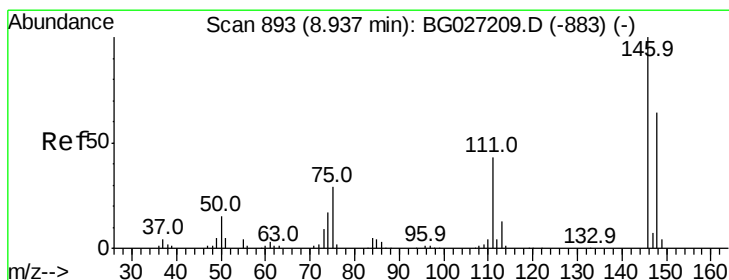
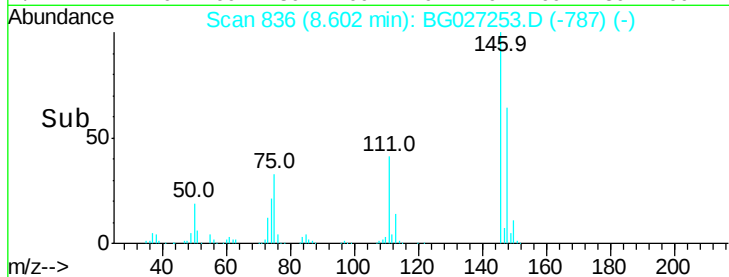
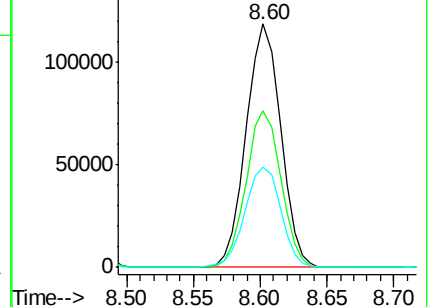
111 41.4 37.0 55.6



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: 39.56 ng

RT: 8.93 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

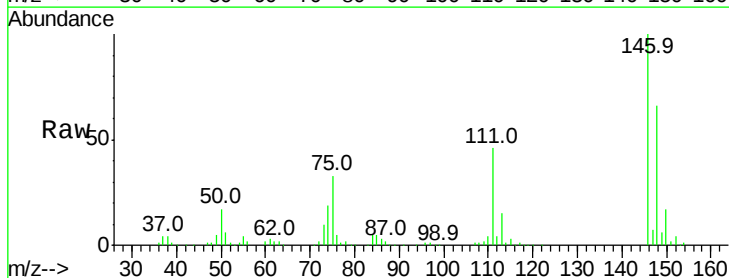
Tgt Ion:146 Resp: 204497

Ion Ratio Lower Upper

146 100

148 65.6 54.6 81.8

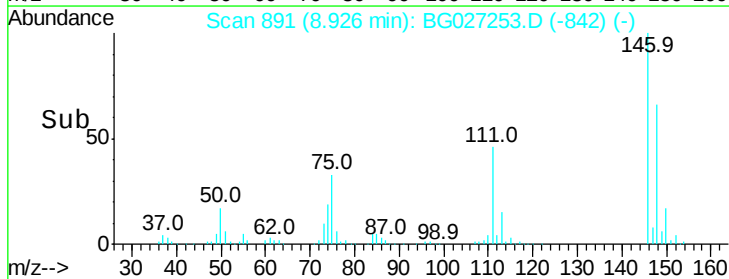
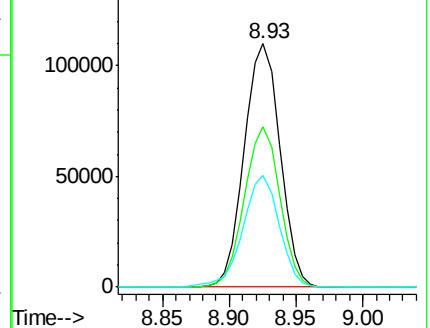
111 46.0 39.7 59.5

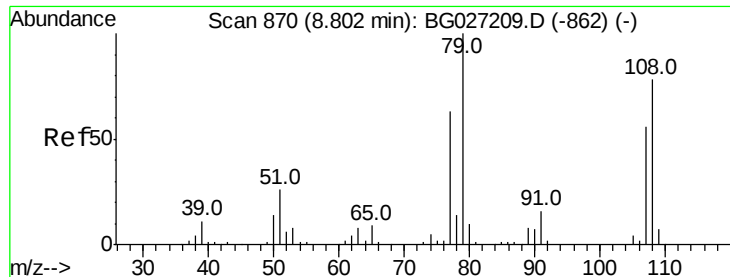


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

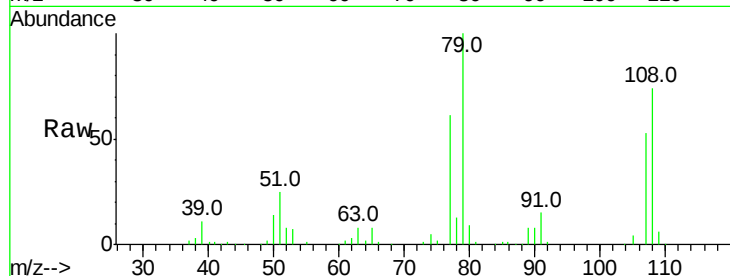




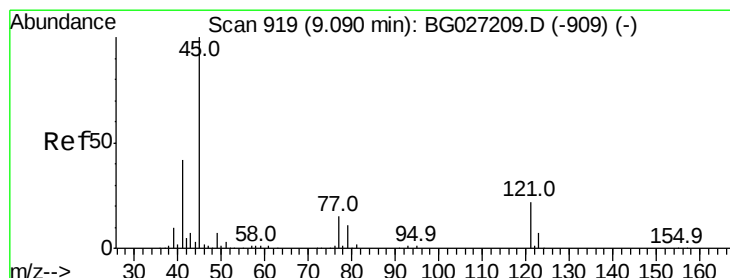
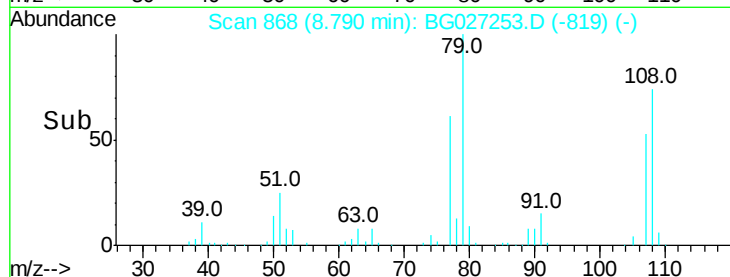
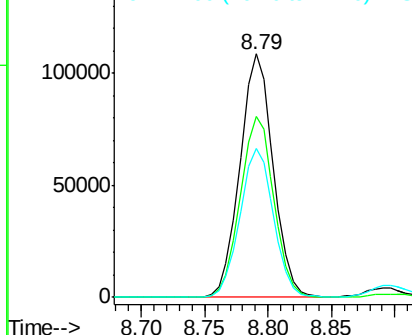
#15
Benzyl Alcohol
Concen: 43.87 ng
RT: 8.79 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Instrument :
BNA_G
ClientSampled :

Tot Ion: 79 Resp: 196762
Ion Ratio Lower Upper
79 100
108 74.4 45.5 68.3#
77 61.3 54.3 81.5

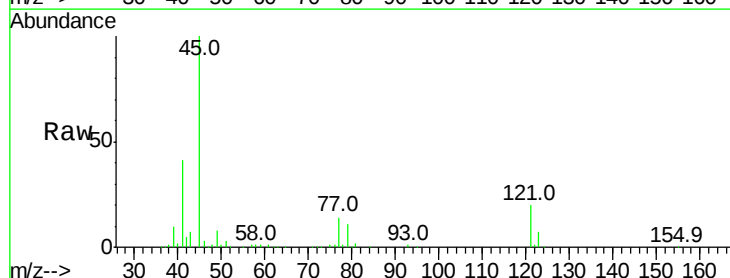


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

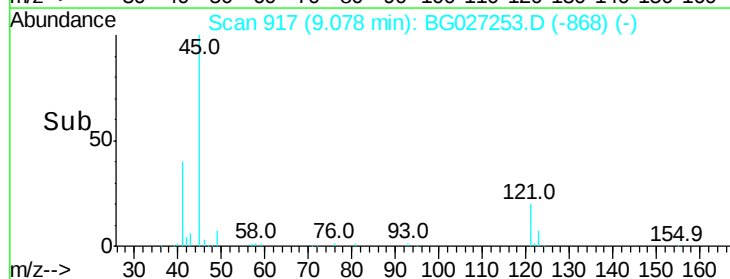
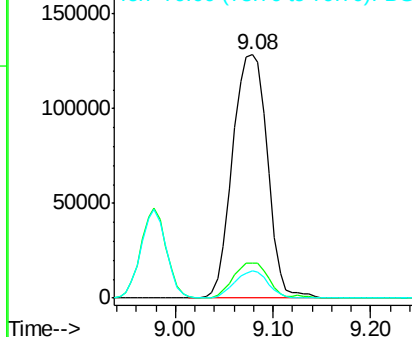


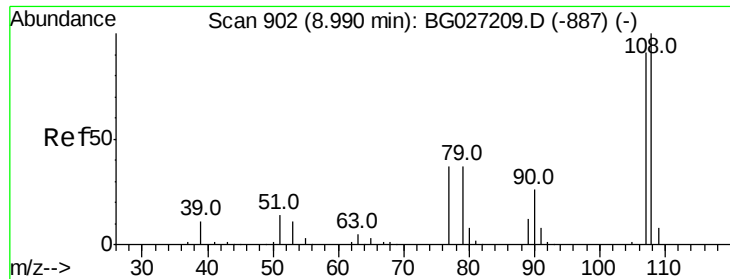
#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.90 ng
RT: 9.08 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion: 45 Resp: 320161
Ion Ratio Lower Upper
45 100
77 14.2 0.0 30.6
79 11.1 0.0 28.5



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





#17

2-Methylphenol

Concen: 41.71 ng

RT: 8.98 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 191929

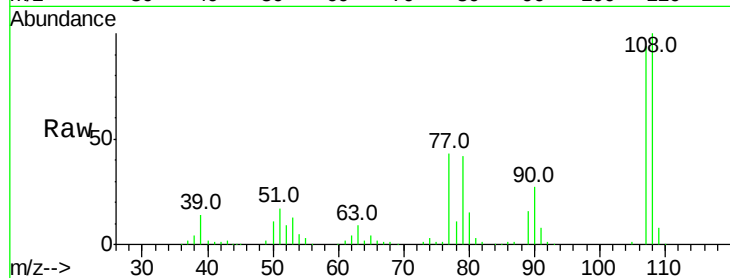
Ion Ratio Lower Upper

107 100

108 106.3 85.6 128.4

77 45.3 51.4 77.2#

79 44.6 49.2 73.8#

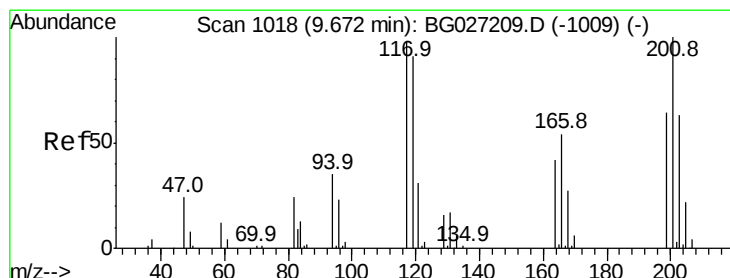
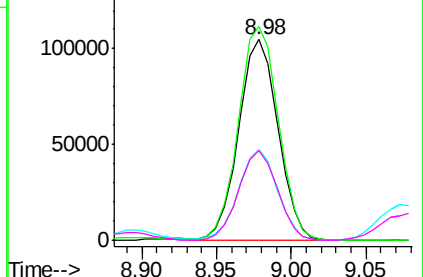
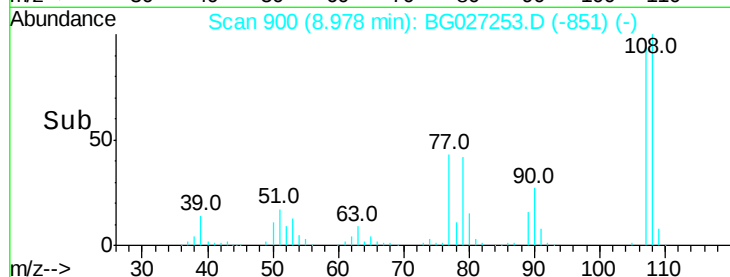


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.34 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

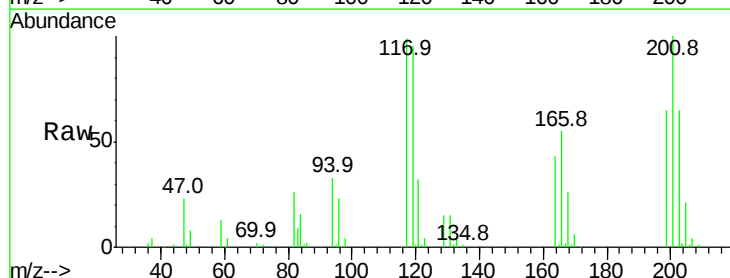
Tgt Ion:117 Resp: 75588

Ion Ratio Lower Upper

117 100

119 96.5 69.8 104.6

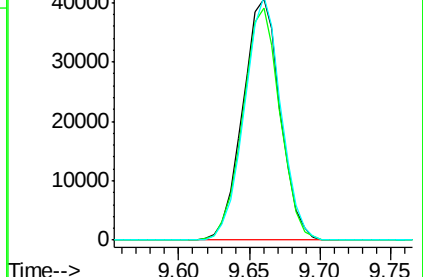
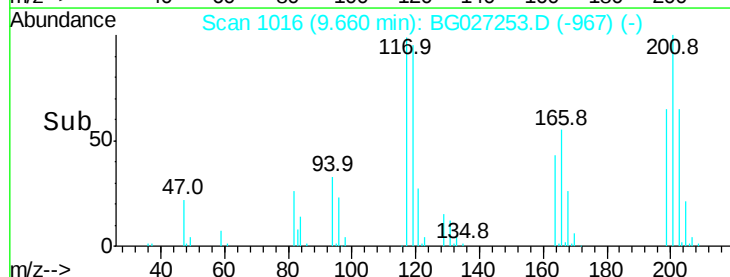
201 101.2 95.4 143.0

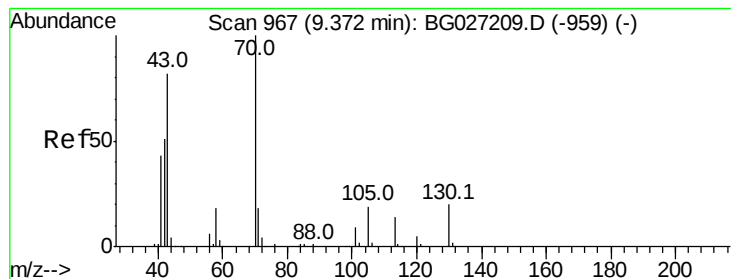


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.23 ng

RT: 9.36 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 188065

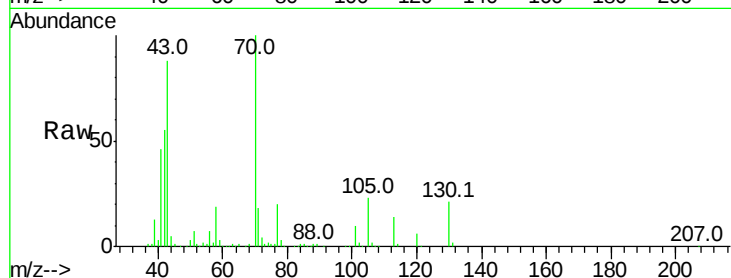
Ion Ratio Lower Upper

70 100

42 54.8 56.1 84.1#

101 9.9 7.5 11.3

130 21.0 14.6 21.8

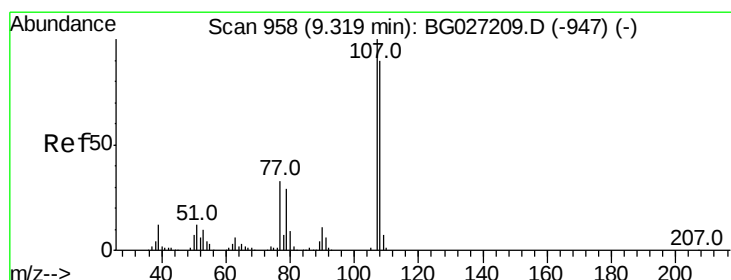
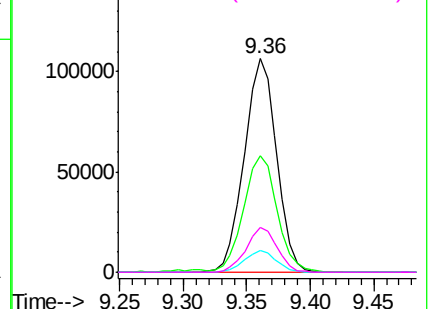
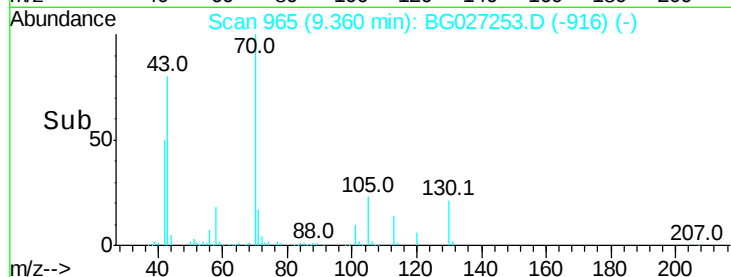


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.61 ng

RT: 9.31 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Tgt Ion:107 Resp: 271568

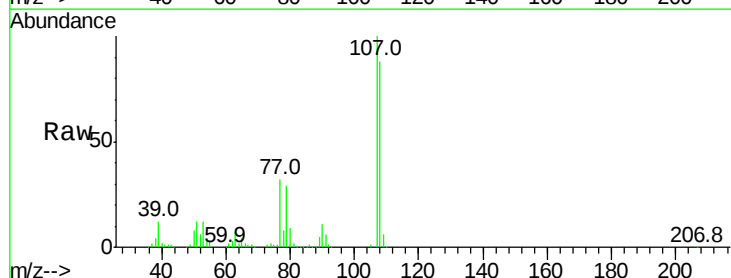
Ion Ratio Lower Upper

107 100

108 88.1 70.8 110.8

77 32.0 25.8 65.8

79 28.6 20.1 60.1

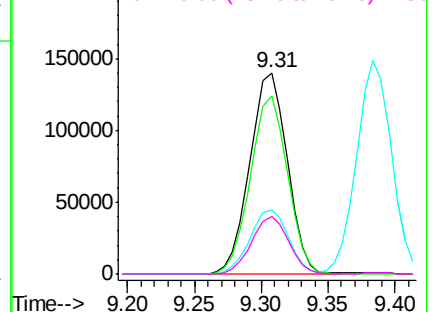
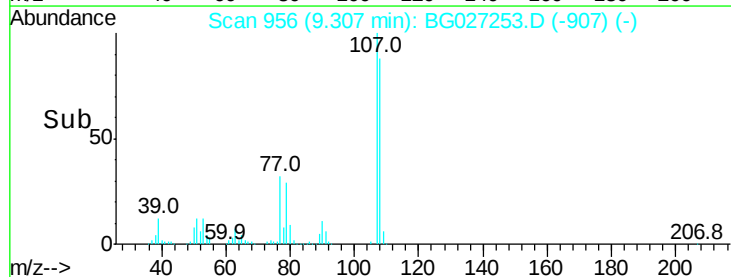


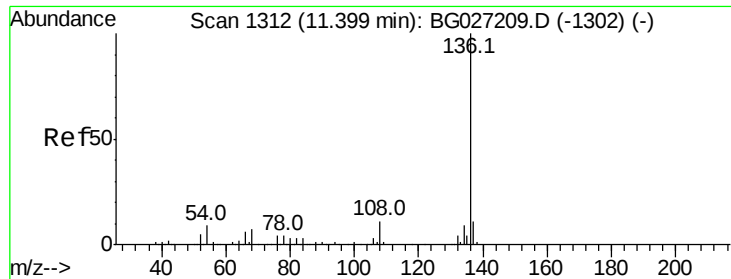
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

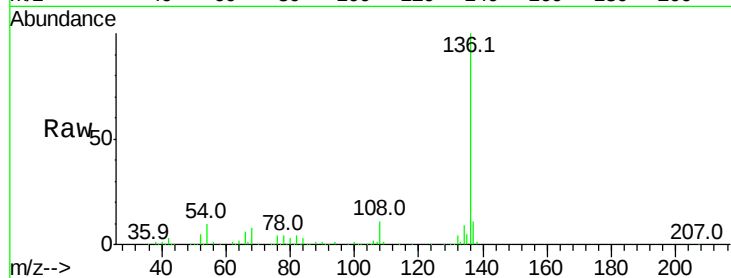




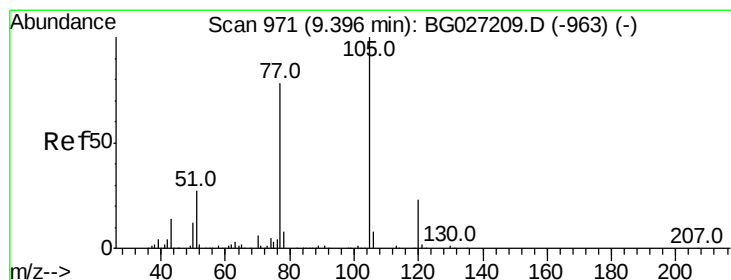
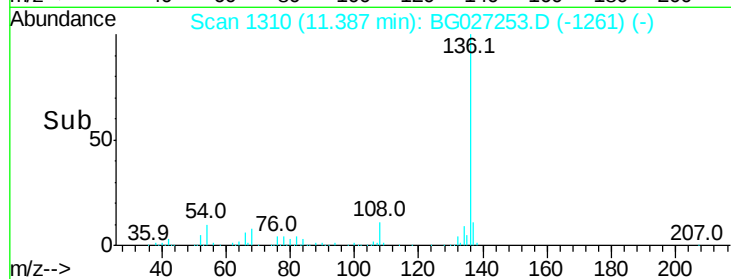
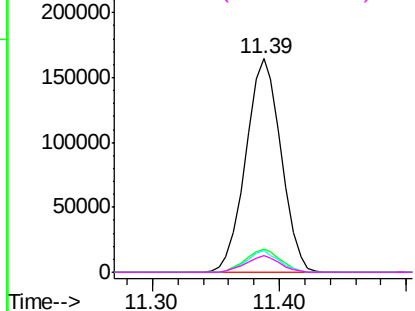
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	317523
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	10.1	9.3 13.9
68	7.8	5.1 7.7#

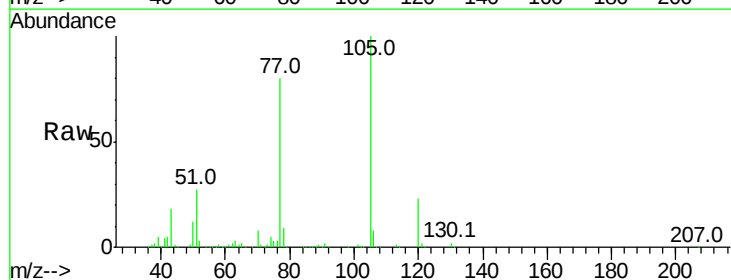


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

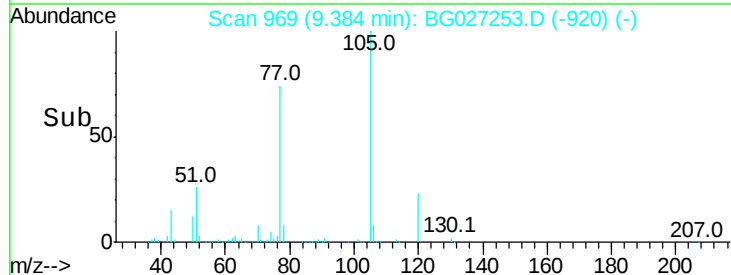
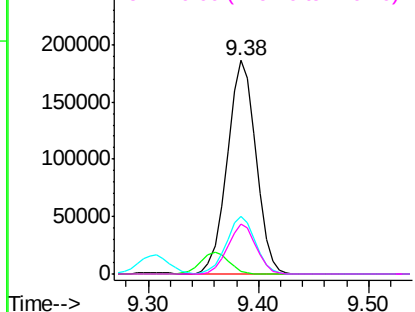


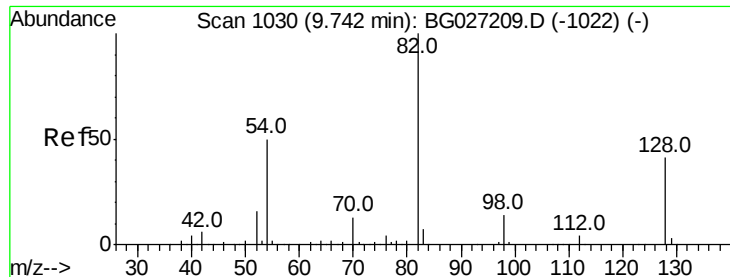
#22
Acetophenone
Concen: 41.63 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:105	Resp:	338082
Ion Ratio	Lower	Upper
105	100	
71	1.2	0.9 1.3
51	26.7	34.0 51.0#
120	23.3	17.3 25.9



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

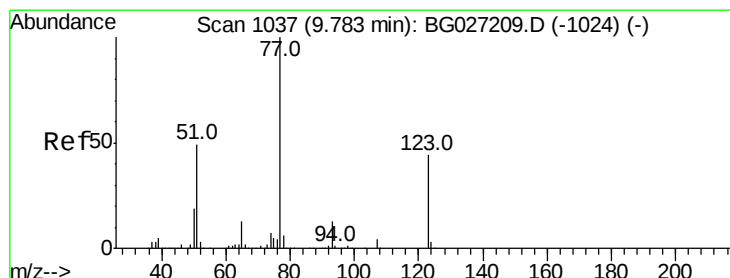
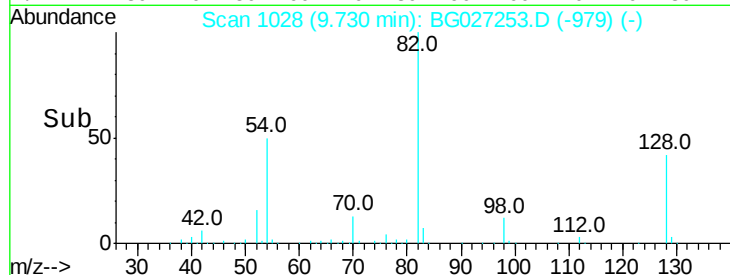
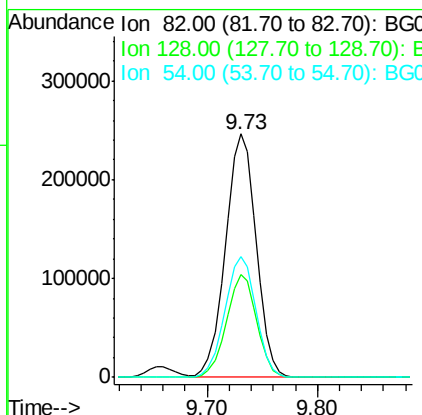
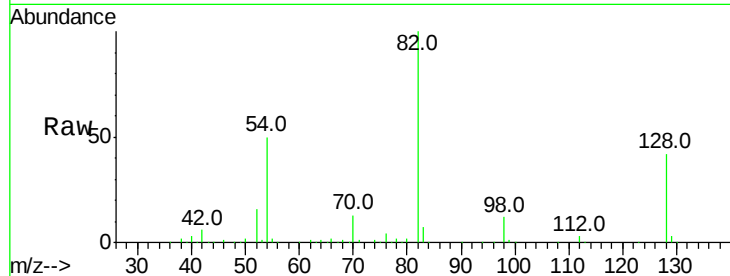




#23
 Nitrobenzene-d5
 Concen: 94.80 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

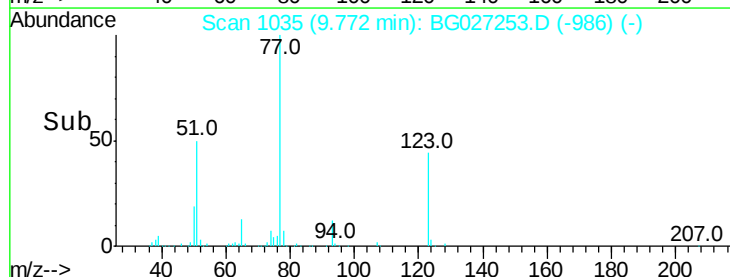
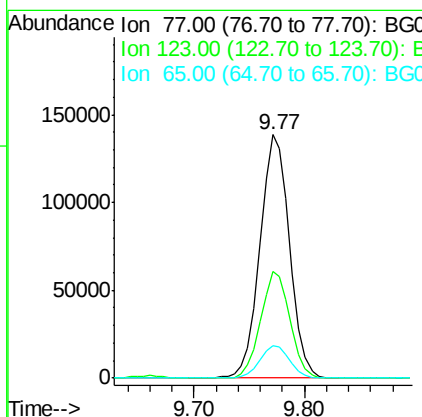
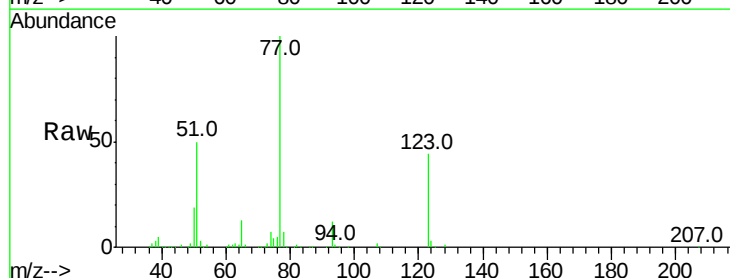
Instrument :
 BNA_G
 ClientSampleId :

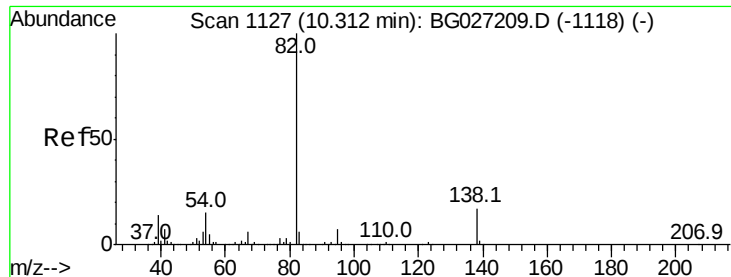
Tot Ion: 82 Resp: 478636
 Ion Ratio Lower Upper
 82 100
 128 42.3 26.4 39.6#
 54 49.8 49.4 74.2



#24
 Nitrobenzene
 Concen: 45.16 ng
 RT: 9.77 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Tgt Ion: 77 Resp: 259744
 Ion Ratio Lower Upper
 77 100
 123 43.6 26.1 39.1#
 65 13.4 12.4 18.6





#25

Isophorone

Concen: 42.10 ng

RT: 10.29 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

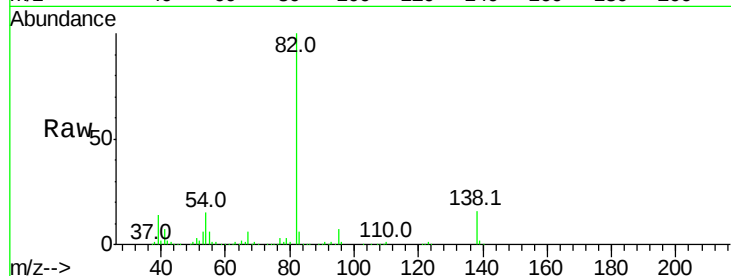
Tot Ion: 82 Resp: 499850

Ion Ratio Lower Upper

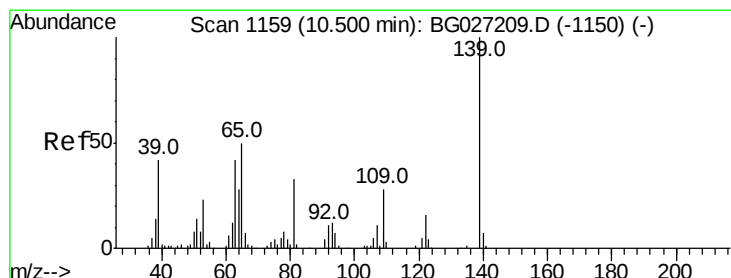
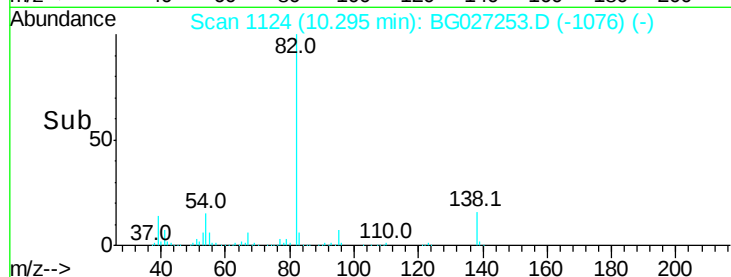
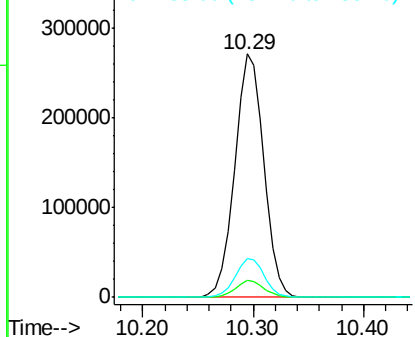
82 100

95 6.8 7.5 11.3#

138 16.1 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: 46.46 ng

RT: 10.48 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

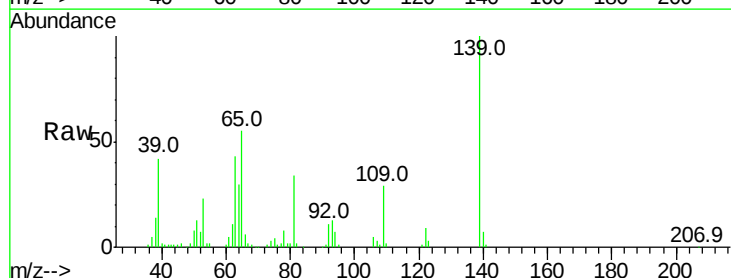
Tgt Ion:139 Resp: 109519

Ion Ratio Lower Upper

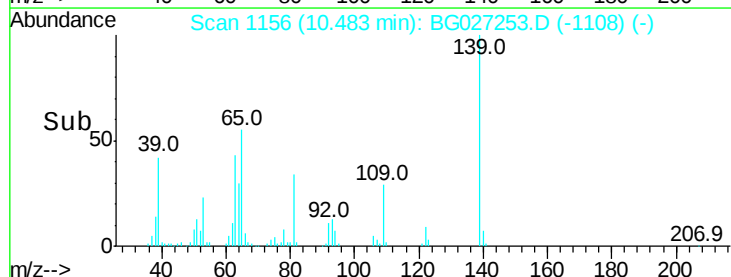
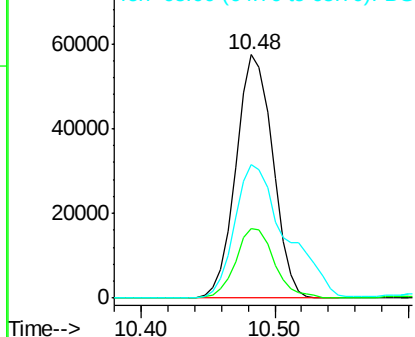
139 100

109 28.5 38.6 58.0#

65 55.1 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

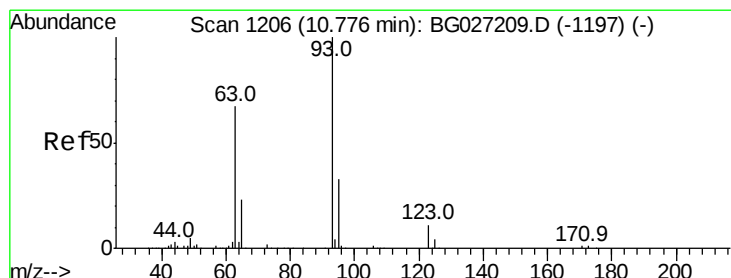
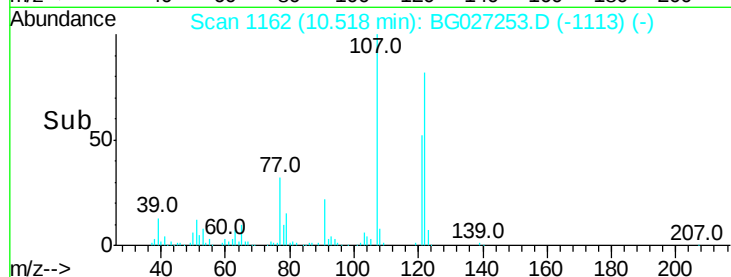
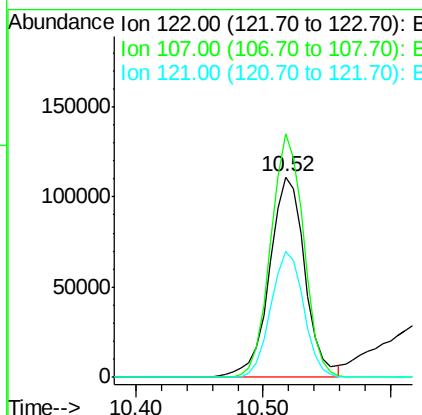
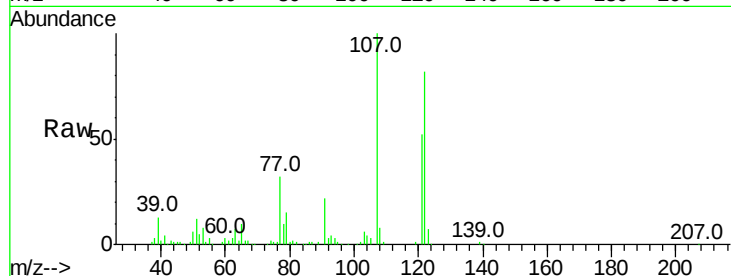




#27
 2,4-Dimethylphenol
 Concen: 42.50 ng
 RT: 10.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

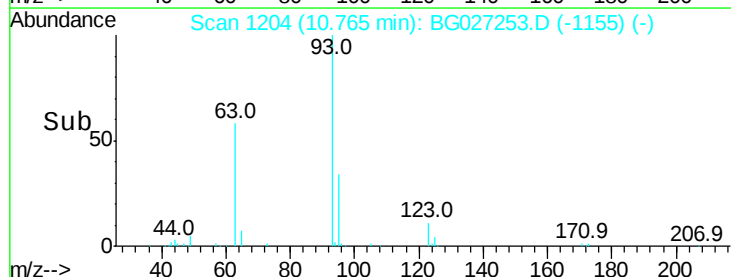
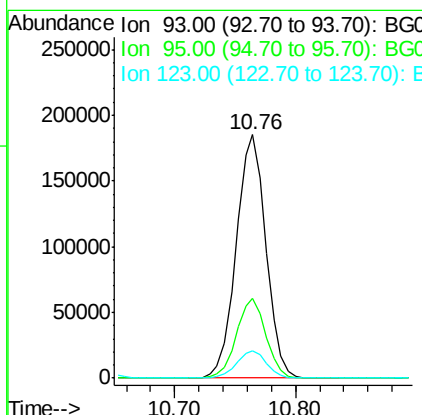
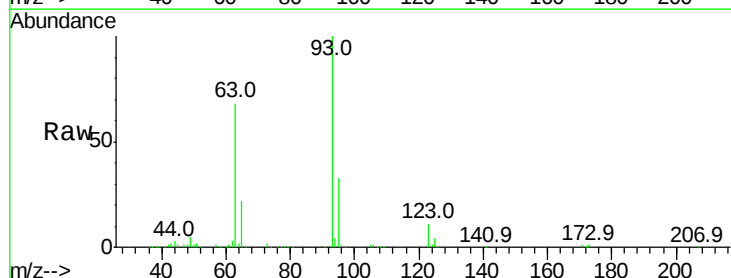
Instrument :
 BNA_G
 ClientSampleId :

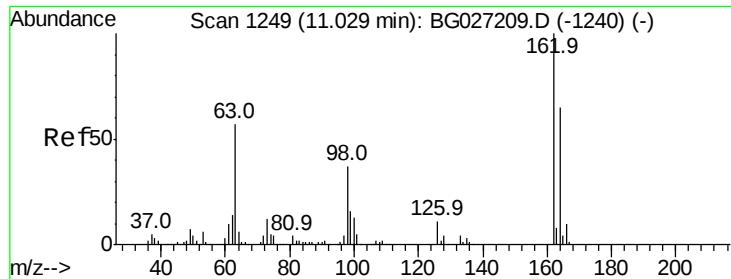
Tot Ion:122 Resp: 216918
 Ion Ratio Lower Upper
 122 100
 107 121.4 104.2 156.4
 121 62.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.12 ng
 RT: 10.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Tgt Ion: 93 Resp: 316093
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.7 38.5
 123 11.5 8.3 12.5

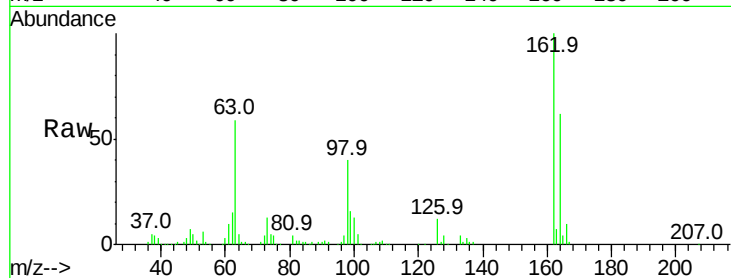




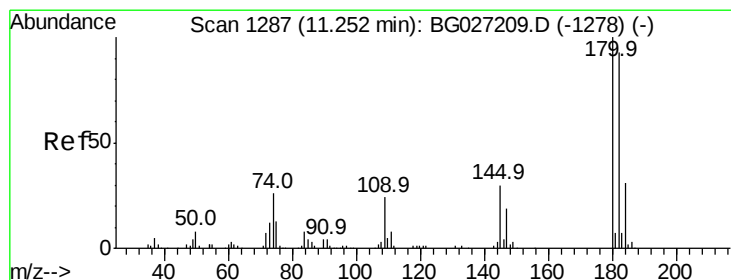
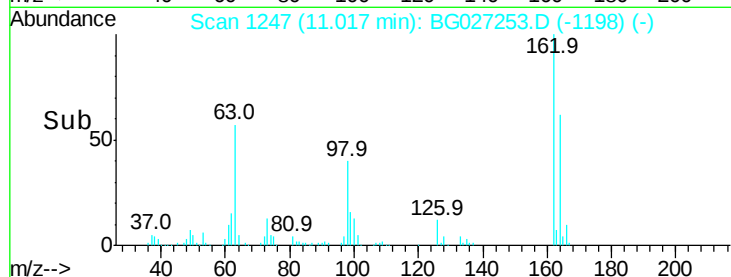
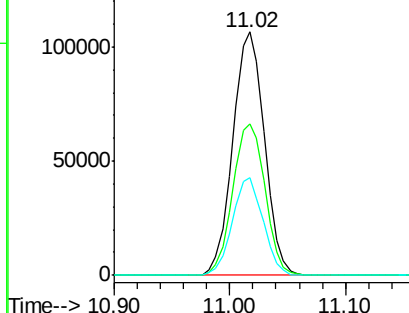
#29
2,4-Dichlorophenol
Concen: 43.36 ng
RT: 11.02 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.4	82.4
98	40.0	20.3	60.3

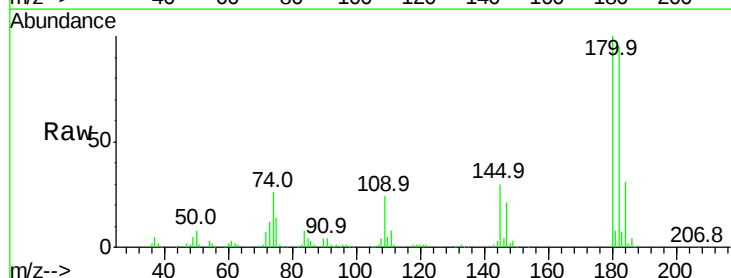


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

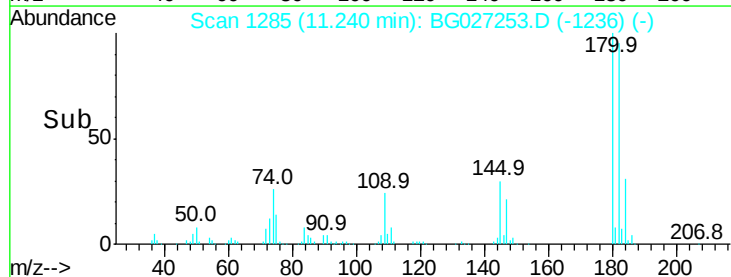
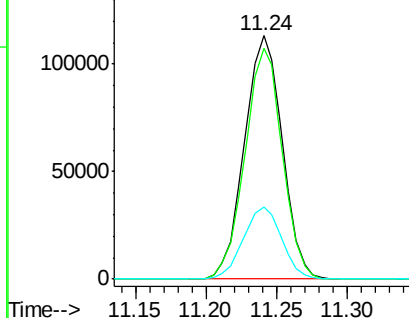


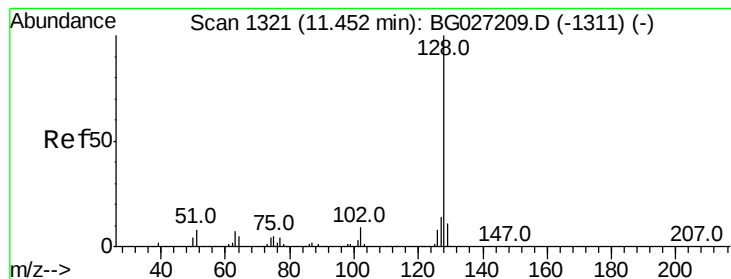
#30
1,2,4-Trichlorobenzene
Concen: 41.24 ng
RT: 11.24 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.0	115.4
145	29.7	23.4	35.0



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





#31

Naphthalene

Concen: 40.15 ng

RT: 11.44 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

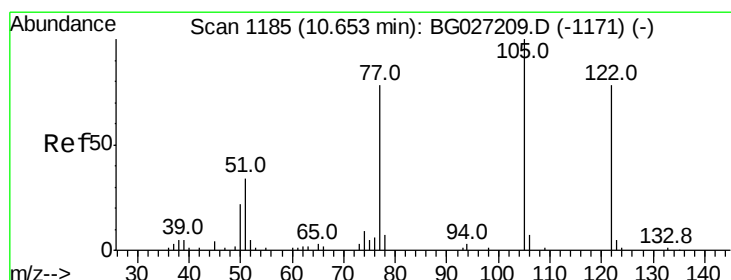
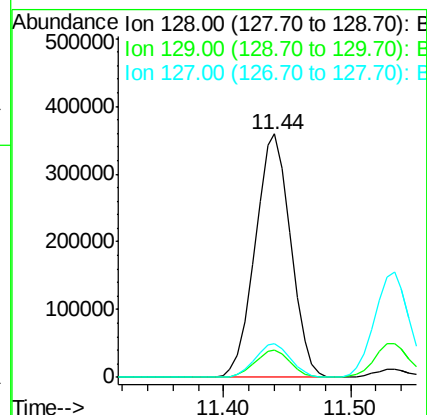
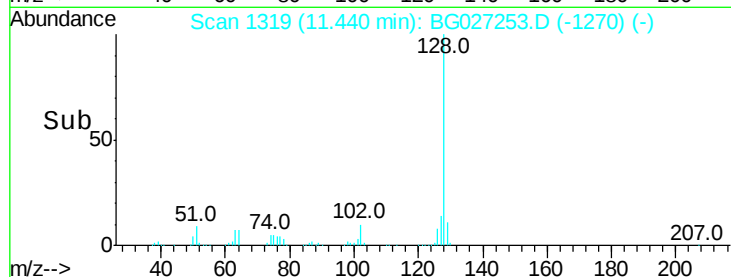
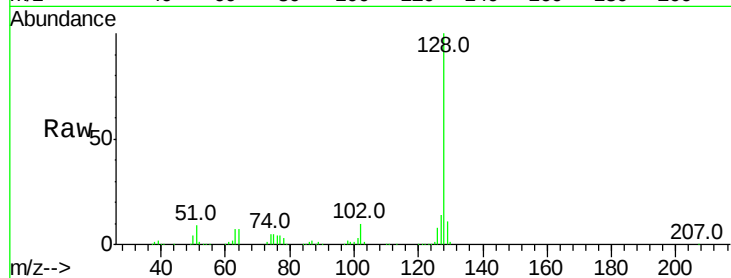
Tot Ion:128 Resp: 696740

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 14.1 11.4 17.0



#32

Benzoic acid

Concen: 44.47 ng

RT: 10.64 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

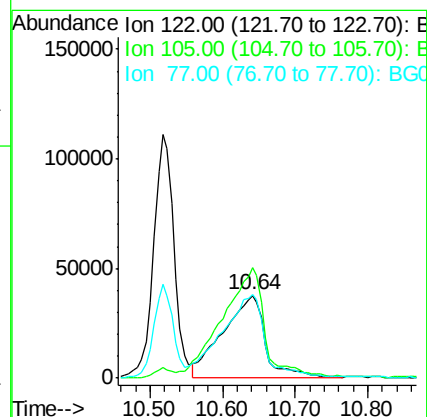
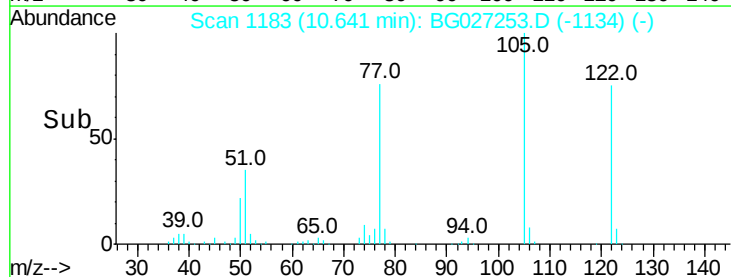
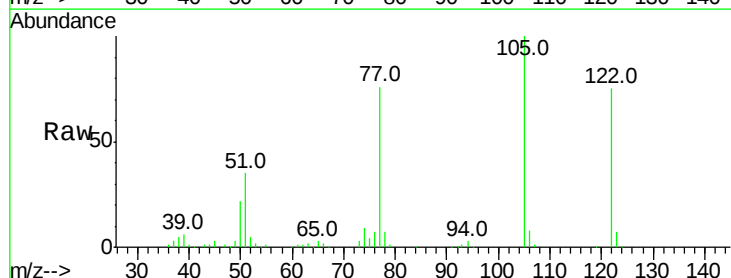
Tgt Ion:122 Resp: 154527

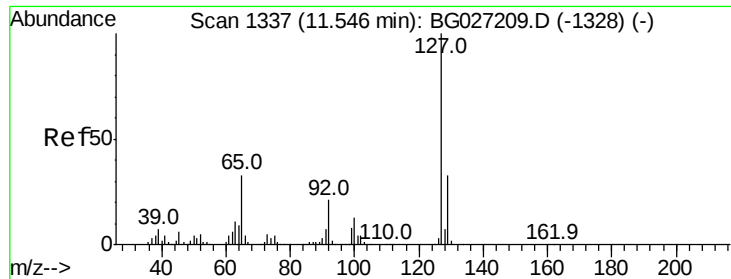
Ion Ratio Lower Upper

122 100

105 134.1 120.1 160.1

77 101.7 104.6 144.6#

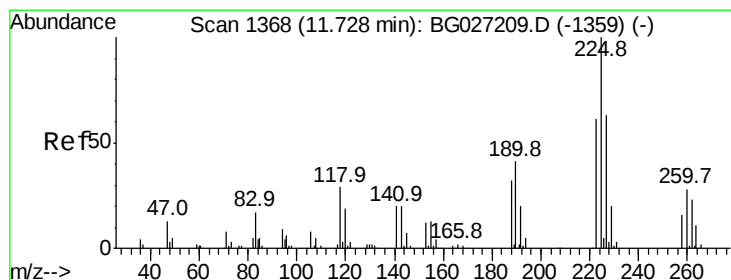
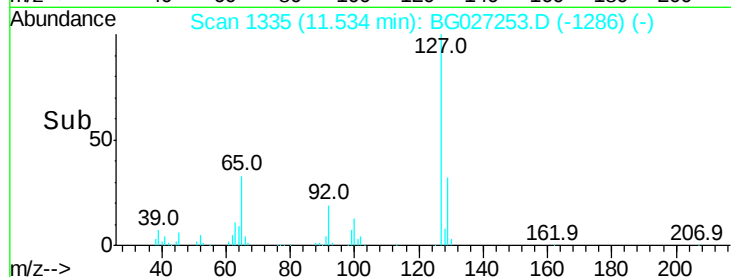
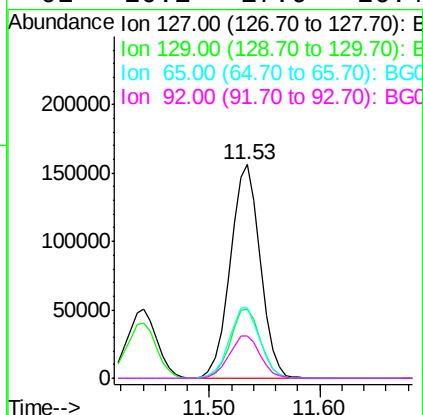
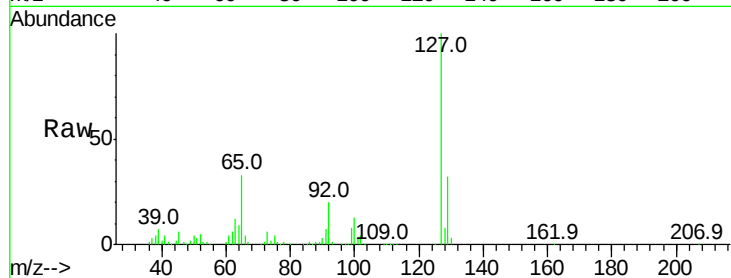




#33
4-Chloroaniline
Concen: 41.11 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

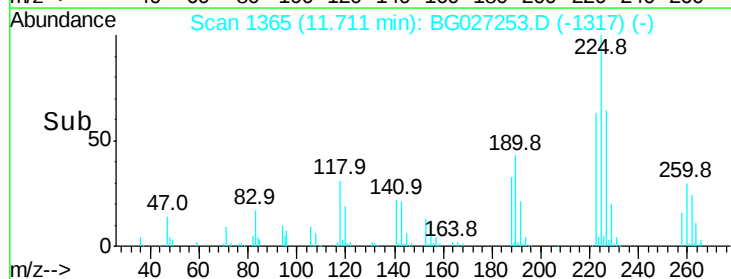
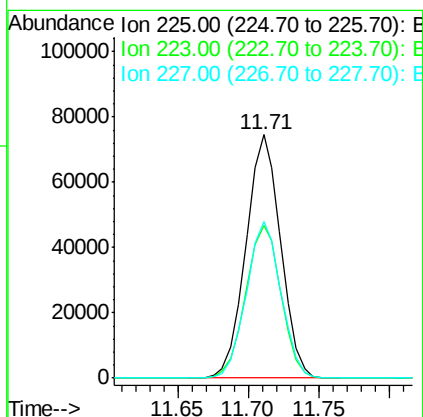
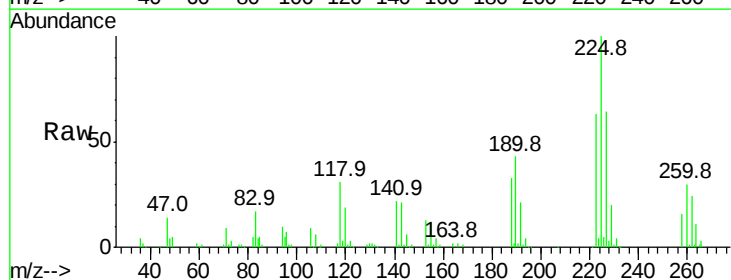
Instrument :
BNA_G
ClientSampled :

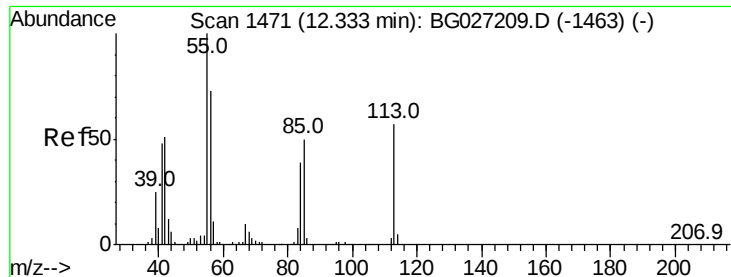
Tot Ion:	127	Resp:	297260
Ion	Ratio	Lower	Upper
127	100		
129	32.4	23.6	35.4
65	32.8	37.7	56.5#
92	20.1	17.6	26.4



#34
Hexachlorobutadiene
Concen: 40.48 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:	225	Resp:	128378
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	64.5	49.0	73.6





#35

Caprolactam

Concen: 45.14 ng

RT: 12.32 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

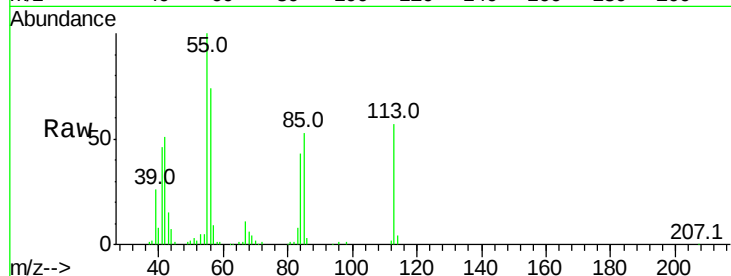
Tot Ion:113 Resp: 72138

Ion Ratio Lower Upper

113 100

55 176.7 198.6 238.6#

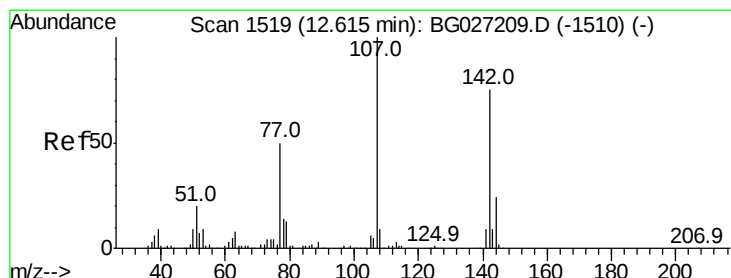
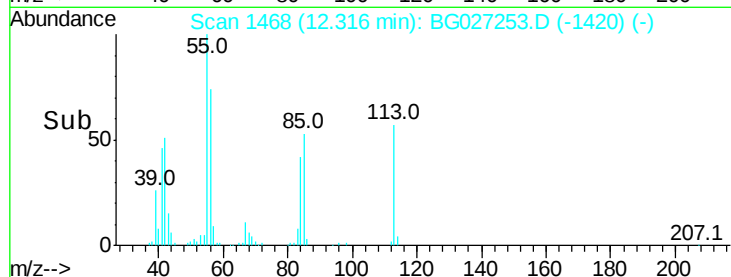
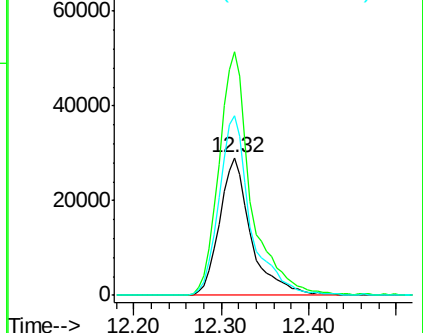
56 129.9 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.98 ng

RT: 12.60 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

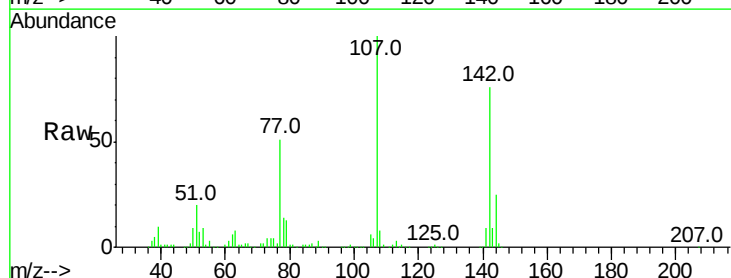
Tgt Ion:107 Resp: 245213

Ion Ratio Lower Upper

107 100

144 24.8 17.4 26.0

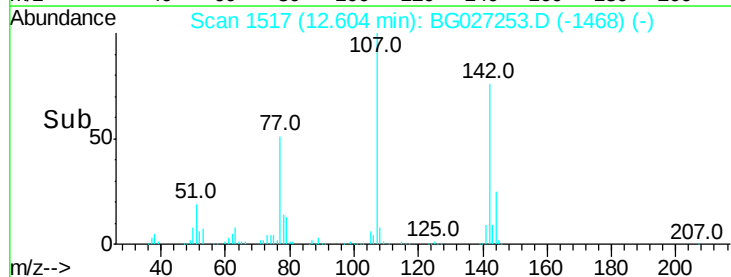
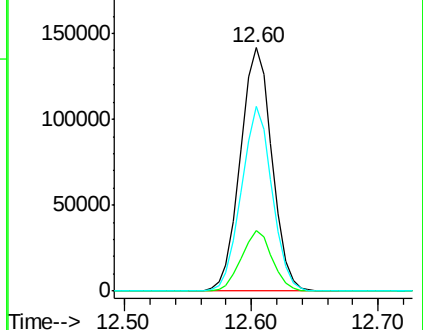
142 76.0 54.1 81.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

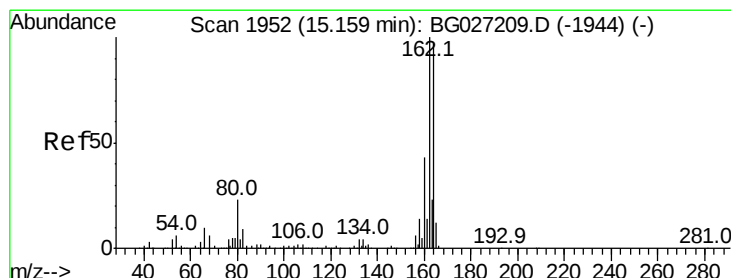
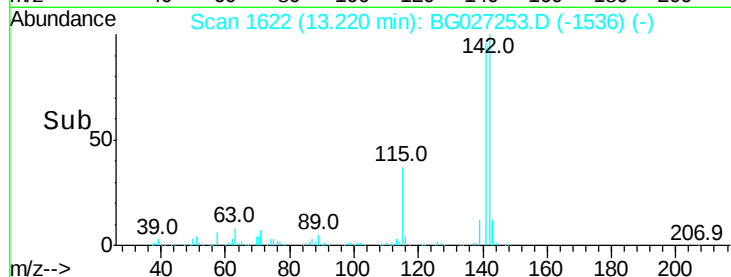
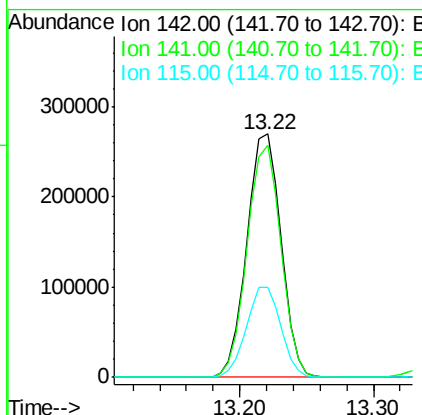
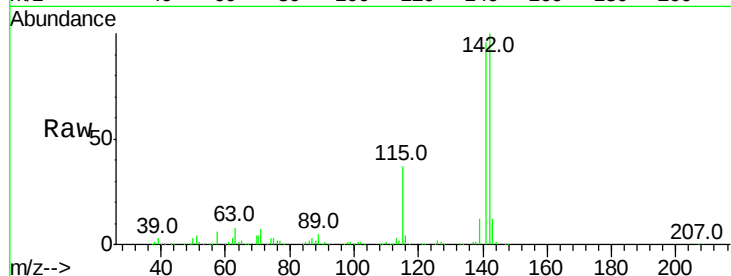




#37
2-Methylnaphthalene
Concen: 37.68 ng
RT: 13.22 min Scan# 1622
Delta R.T. 0.21 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

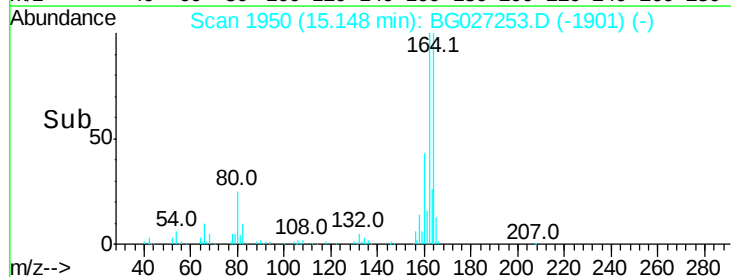
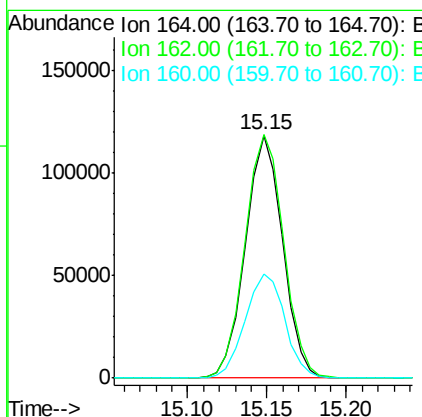
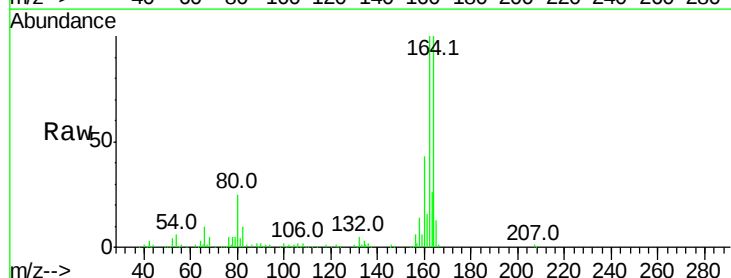
Instrument :
BNA_G
ClientSampleId :

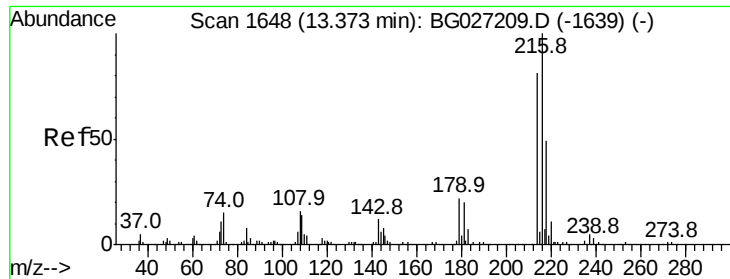
Tot Ion:142 Resp: 476989
Ion Ratio Lower Upper
142 100
141 95.5 70.4 105.6
115 36.8 35.5 53.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:164 Resp: 193437
Ion Ratio Lower Upper
164 100
162 100.3 85.1 127.7
160 43.1 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.85 ng

RT: 13.36 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 252172

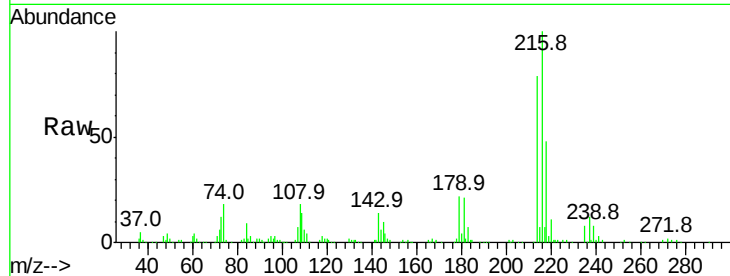
Ion Ratio Lower Upper

216 100

214 78.8 64.4 96.6

179 21.5 17.4 26.0

108 18.4 15.6 23.4

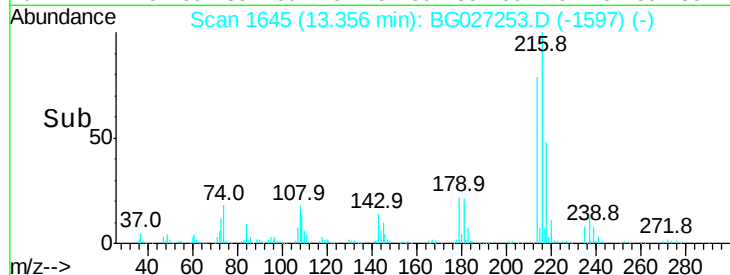


Abundance Ion 216.00 (215.70 to 216.70): E

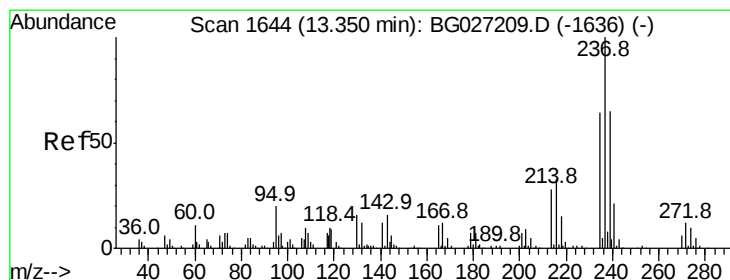
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.12 ng

RT: 13.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

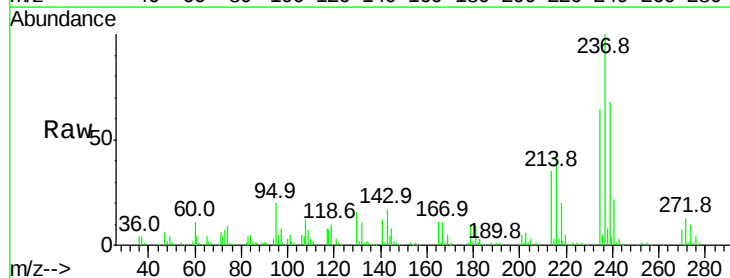
Tgt Ion:237 Resp: 131876

Ion Ratio Lower Upper

237 100

235 64.0 39.4 79.4

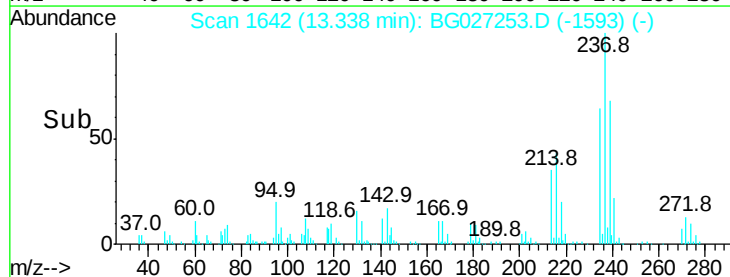
272 13.1 0.0 32.0



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



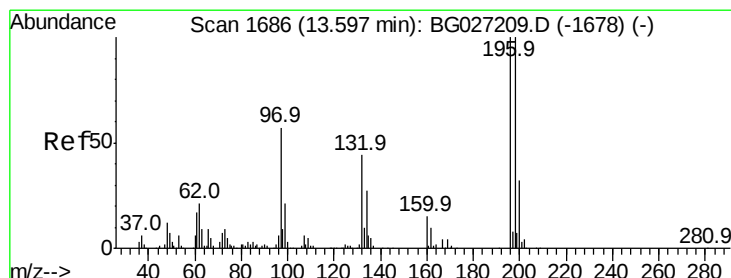
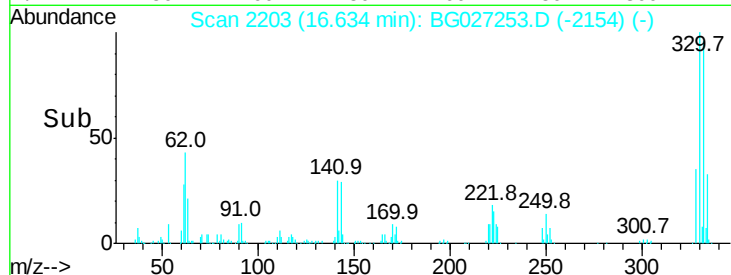
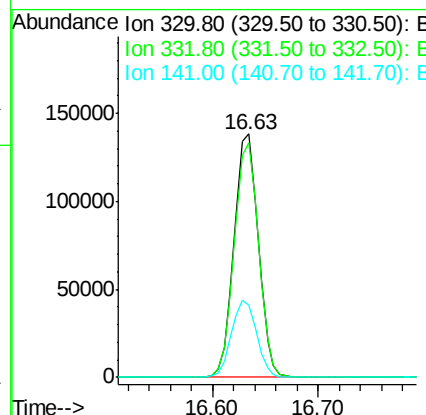
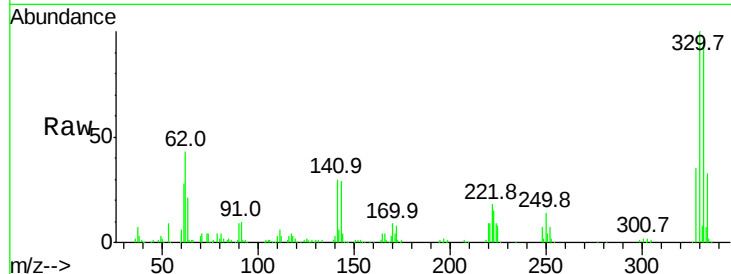
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 85.85 ng
 RT: 16.63 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

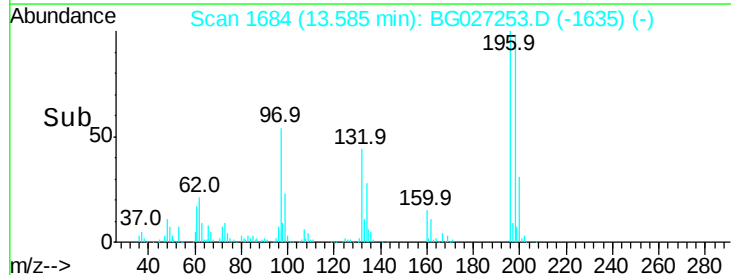
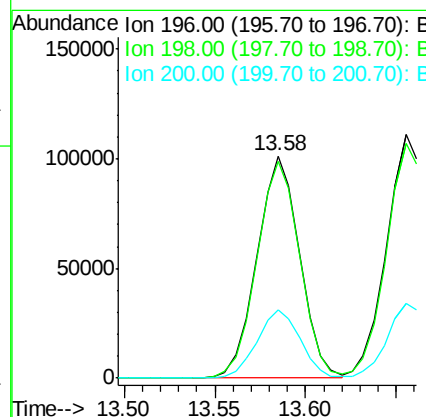
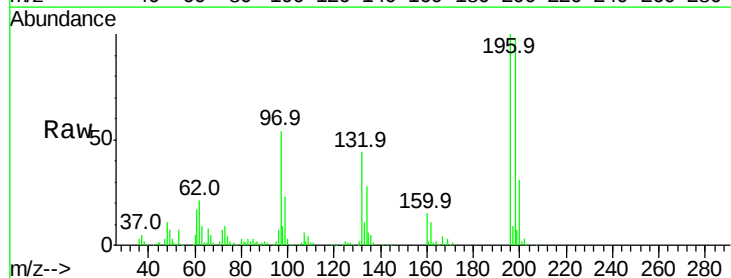
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	32.7	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 45.17 ng
 RT: 13.58 min Scan# 1684
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	81.4	122.2
200	31.0	27.0	40.6

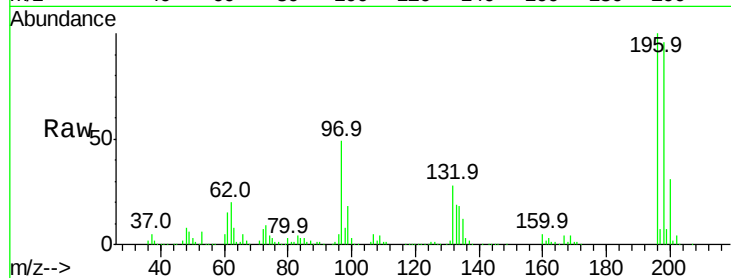




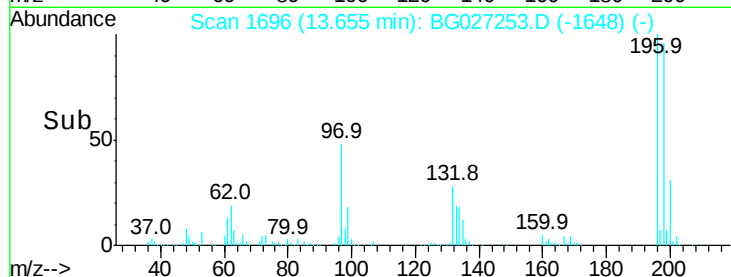
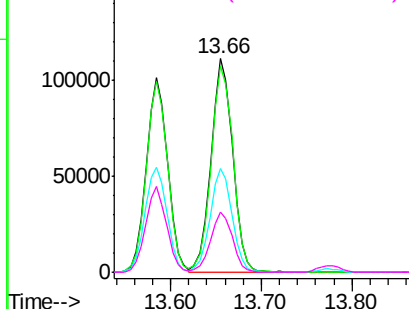
#43
 2,4,5-Trichlorophenol
 Concen: 44.91 ng
 RT: 13.66 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	183703
Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.9	119.9
97	48.8	45.4	68.0
132	28.1	20.7	31.1

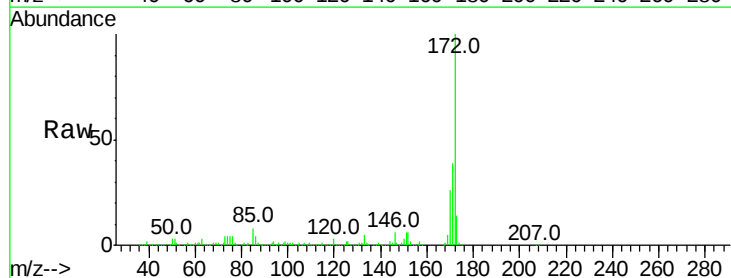


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

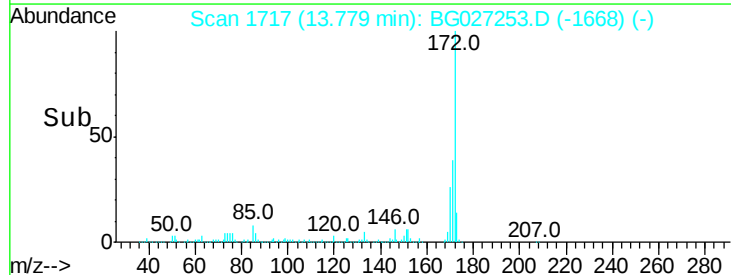
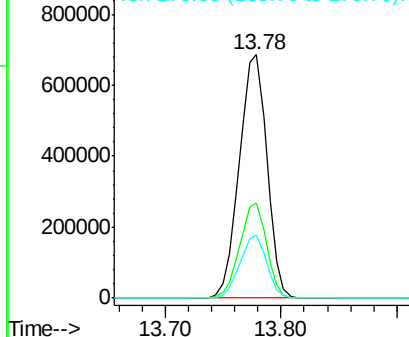


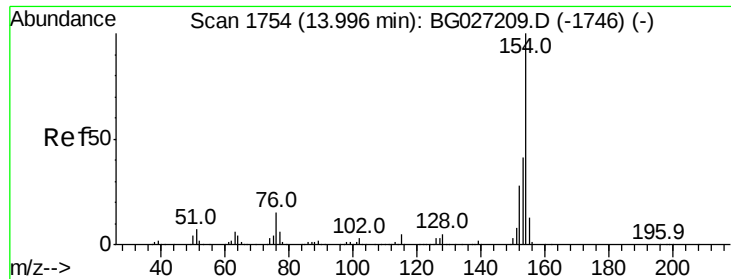
#44
 2-Fluorobiphenyl
 Concen: 82.48 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Tgt Ion:	172	Resp:	1140421
Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	25.8	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: 41.48 ng

RT: 13.98 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

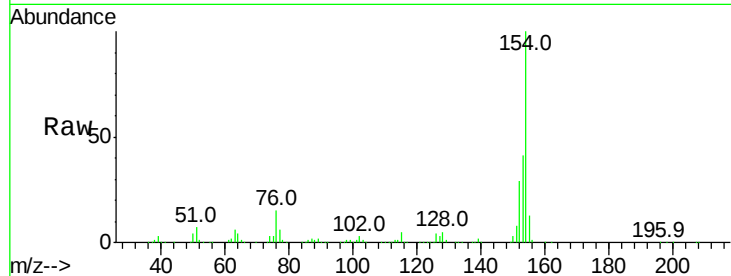
Tot Ion:154 Resp: 654957

Ion Ratio Lower Upper

154 100

153 41.3 23.0 63.0

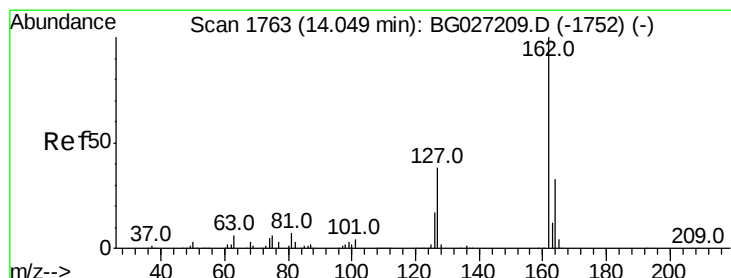
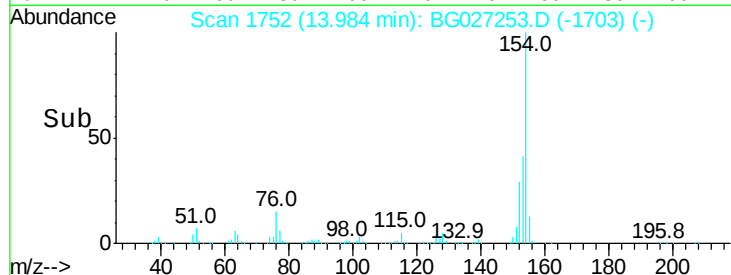
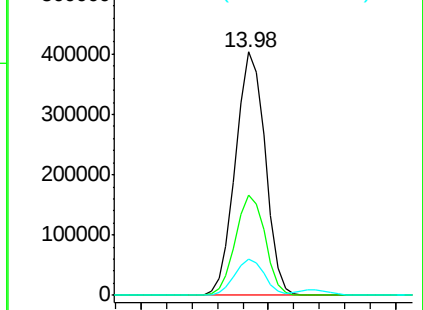
76 15.1 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 41.60 ng

RT: 14.04 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

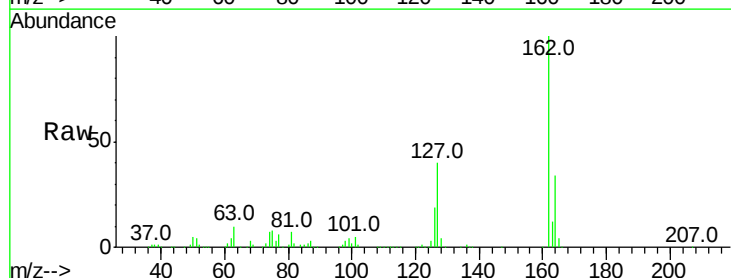
Tgt Ion:162 Resp: 492461

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.4

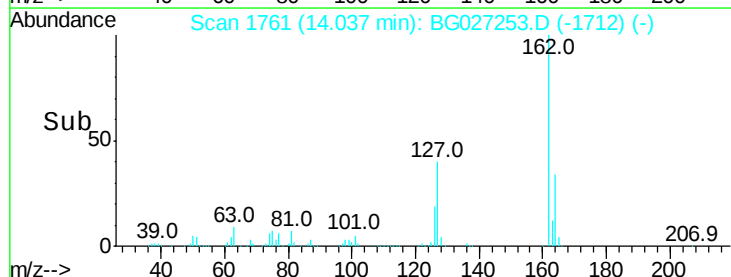
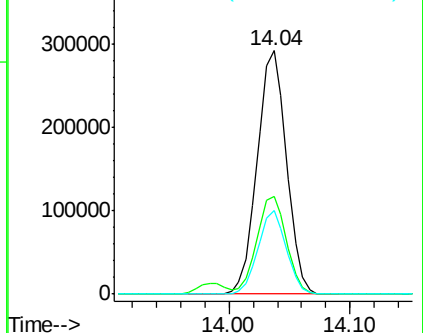
164 34.1 27.3 40.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.15 ng

RT: 14.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

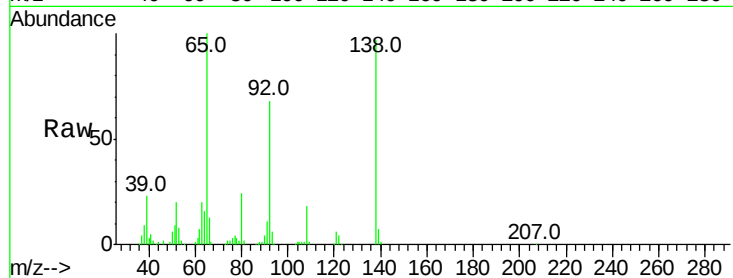
Tot Ion: 65 Resp: 158264

Ion Ratio Lower Upper

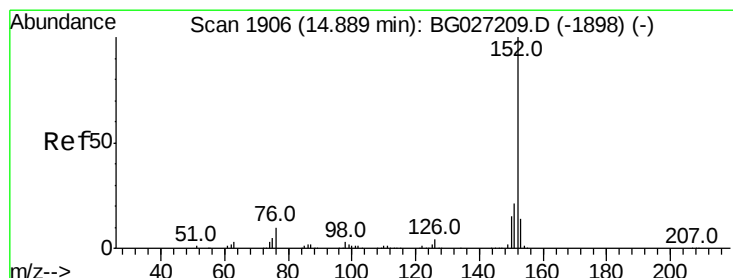
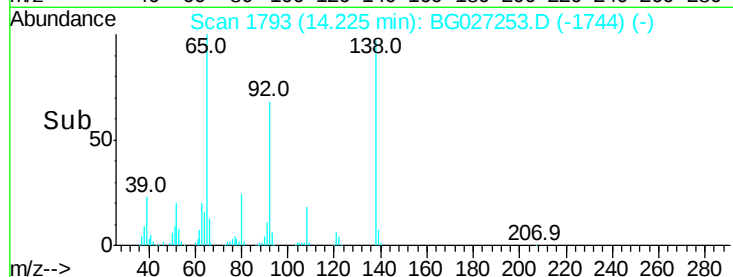
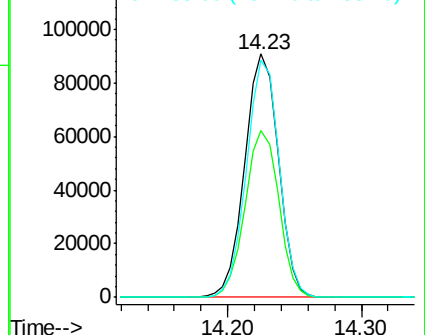
65 100

92 68.5 49.0 73.4

138 97.5 58.6 87.8#



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



#48

Acenaphthylene

Concen: 41.24 ng

RT: 14.88 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

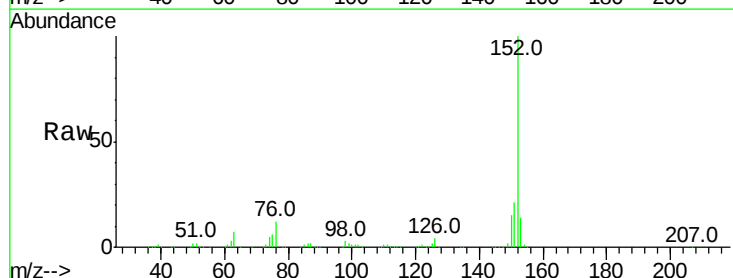
Tgt Ion: 152 Resp: 826194

Ion Ratio Lower Upper

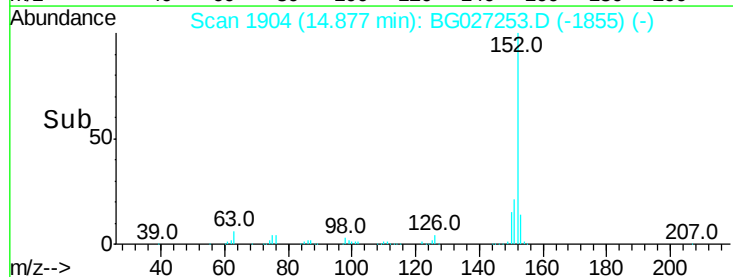
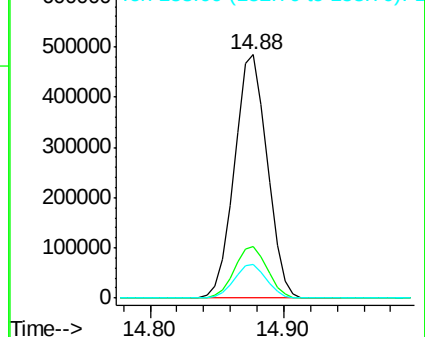
152 100

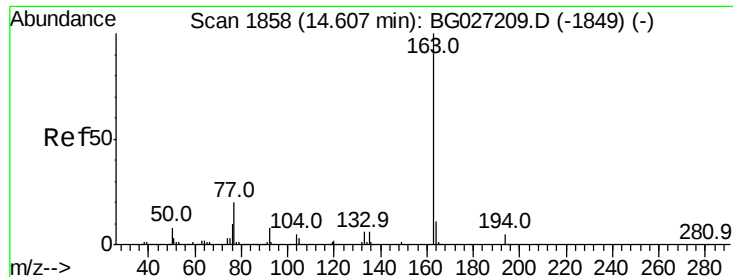
151 21.3 18.2 27.2

153 13.7 11.3 16.9



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





#49

Dimethylphthalate

Concen: 40.01 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

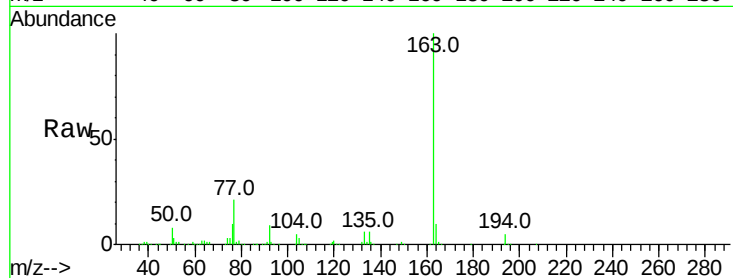
Tot Ion:163 Resp: 613909

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

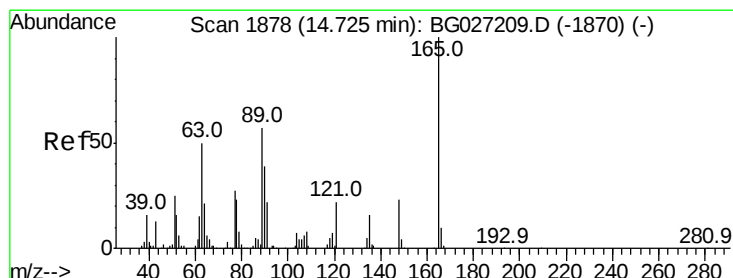
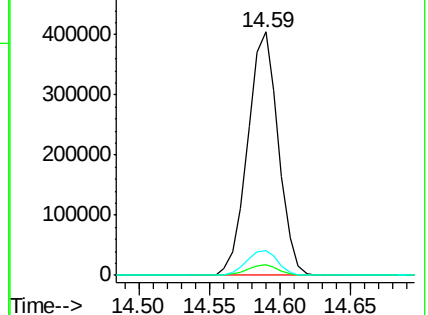
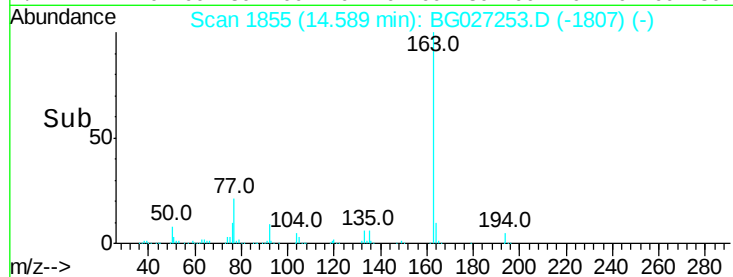
164 10.3 9.3 13.9



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: 44.11 ng

RT: 14.71 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

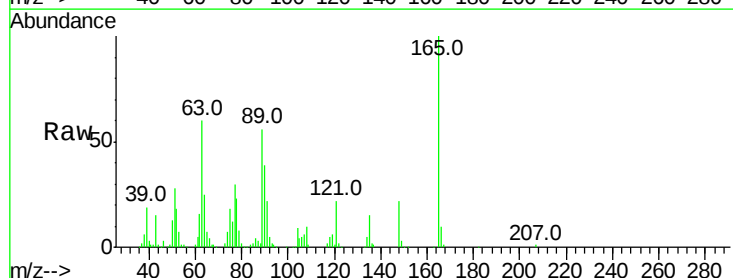
Tgt Ion:165 Resp: 135903

Ion Ratio Lower Upper

165 100

63 59.9 63.9 95.9#

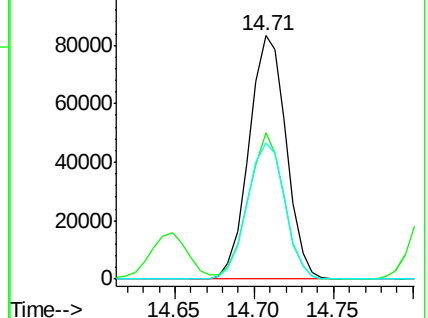
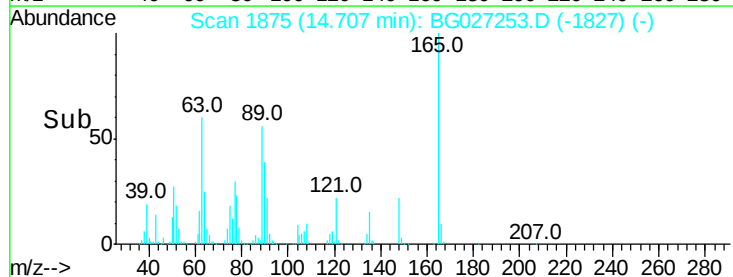
89 56.1 58.6 88.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.58 ng

RT: 15.21 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

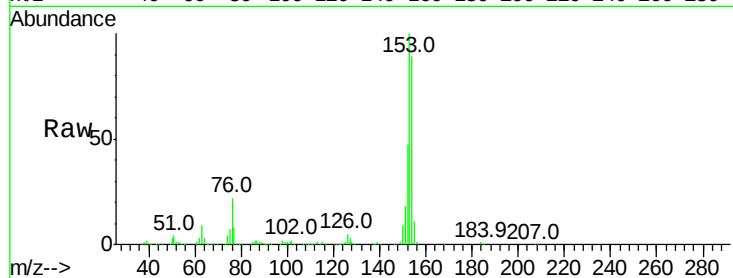
Tot Ion:154 Resp: 541880

Ion Ratio Lower Upper

154 100

153 111.7 87.8 131.6

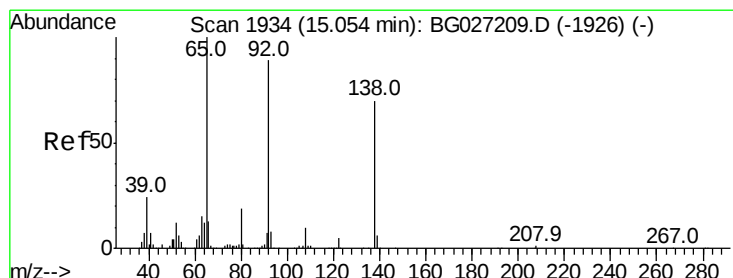
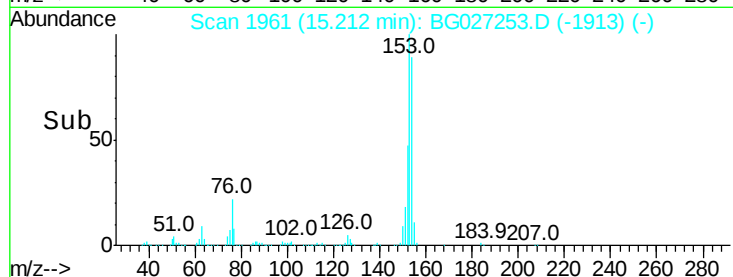
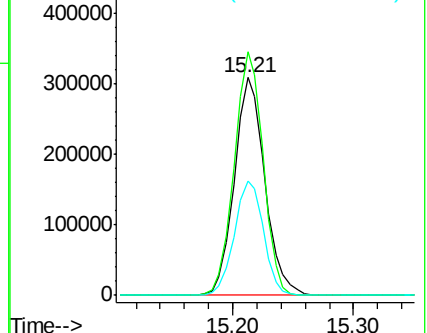
152 52.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.65 ng

RT: 15.04 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

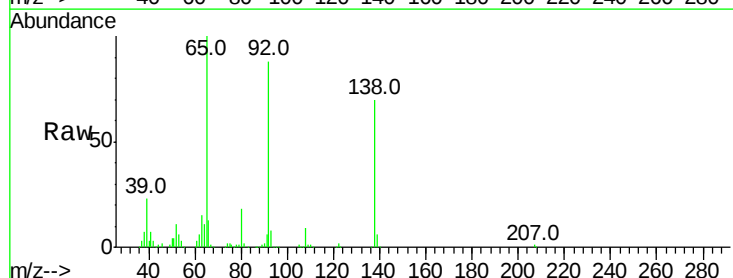
Tgt Ion:138 Resp: 137116

Ion Ratio Lower Upper

138 100

108 12.8 10.9 16.3

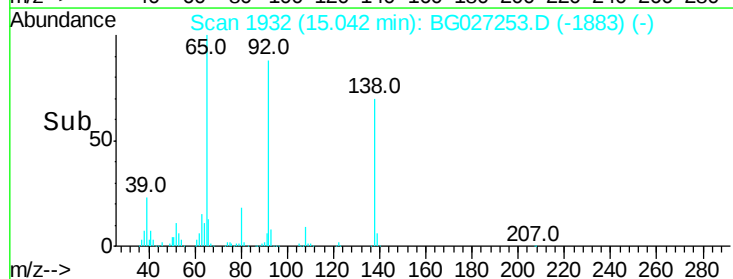
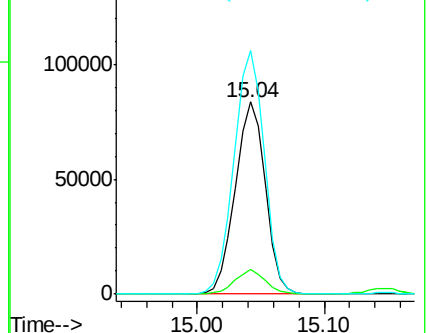
92 126.8 115.3 172.9

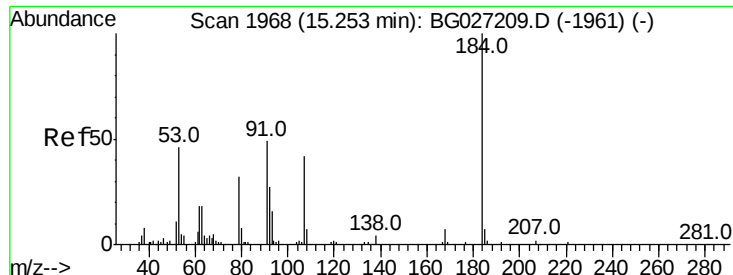


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

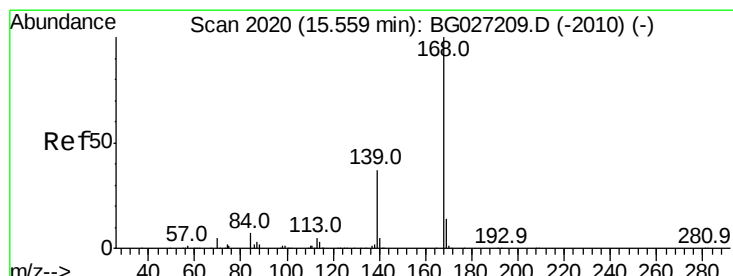
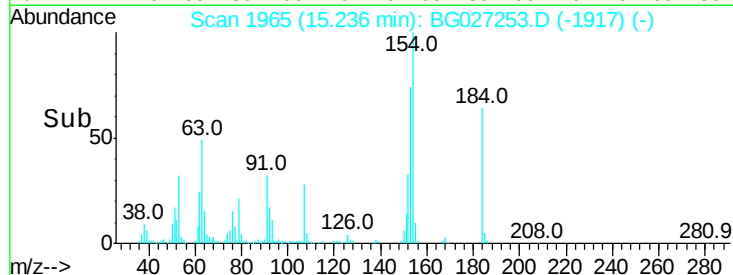
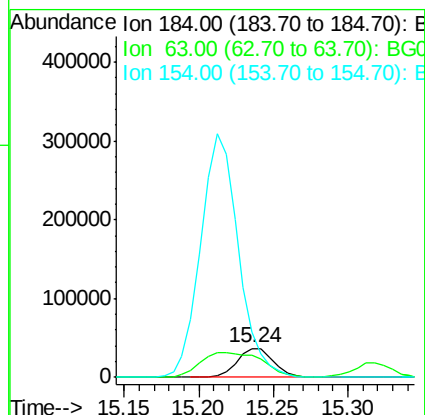
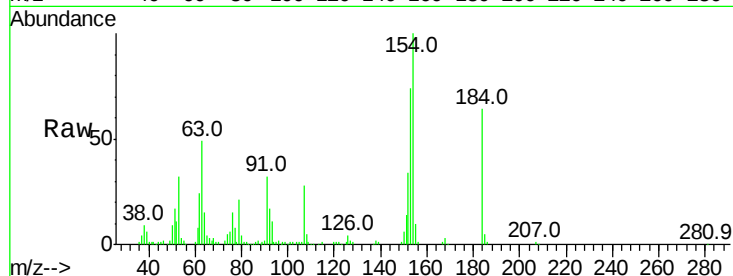




#53
2,4-Dinitrophenol
Concen: 50.33 ng
RT: 15.24 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

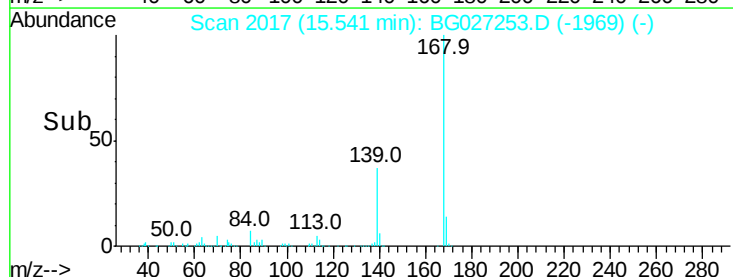
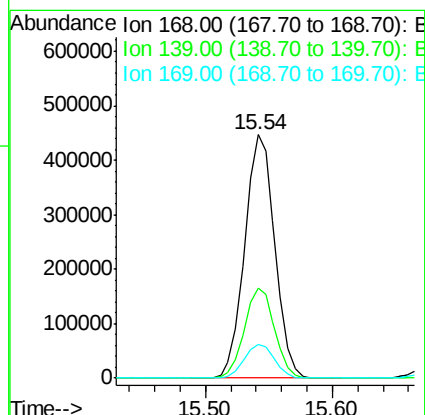
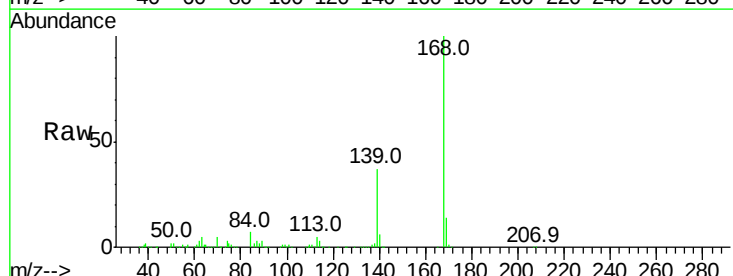
Instrument :
BNA_G
ClientSampleId :

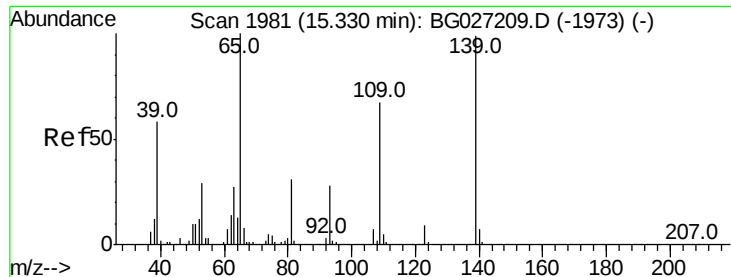
Tot Ion:184 Resp: 62139
Ion Ratio Lower Upper
184 100
63 75.3 52.7 79.1
154 155.3 57.3 85.9#



#54
Dibenzofuran
Concen: 40.22 ng
RT: 15.54 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:168 Resp: 732348
Ion Ratio Lower Upper
168 100
139 36.8 35.3 52.9
169 13.8 11.5 17.3

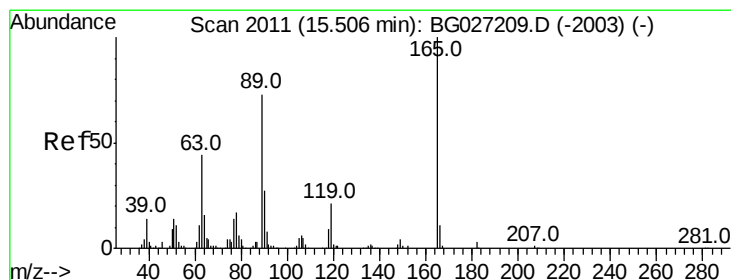
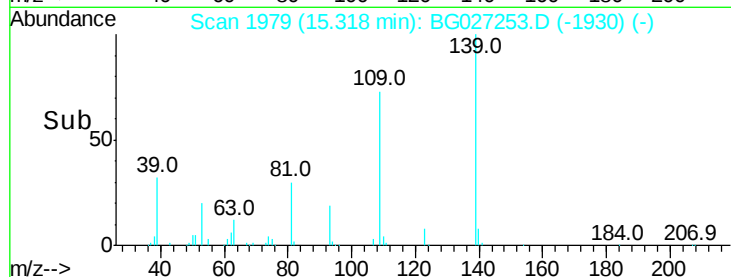
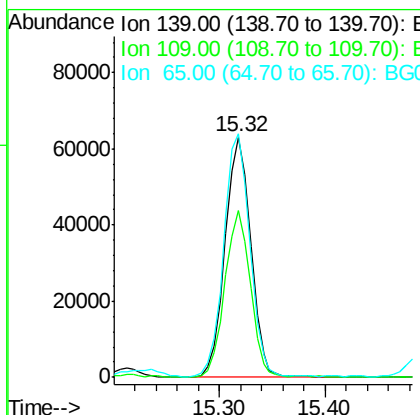
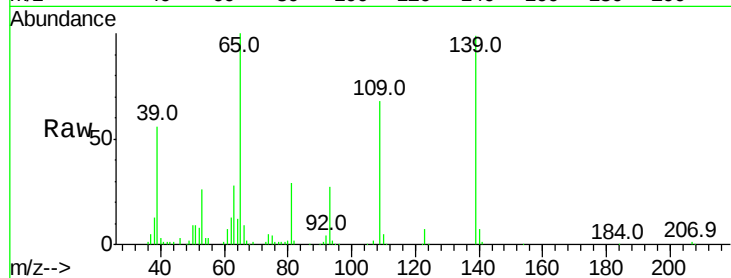




#55
4-Nitrophenol
Concen: 40.11 ng
RT: 15.32 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

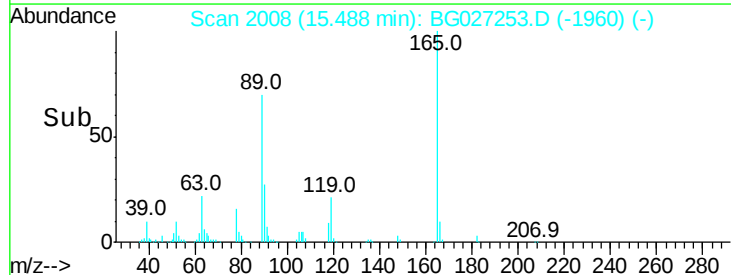
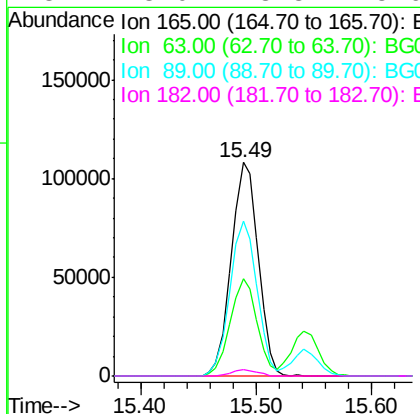
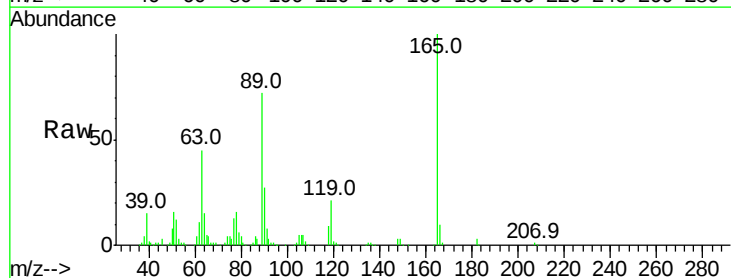
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	69.5	101.2	141.2#
65	101.5	135.3	175.3#



#56
2,4-Dinitrotoluene
Concen: 44.49 ng
RT: 15.49 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.4	44.0	66.0
89	72.5	67.3	100.9
182	3.0	3.8	5.6#





#57

Fluorene

Concen: 39.91 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

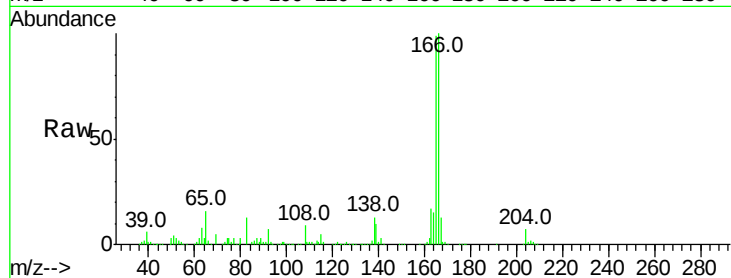
Tot Ion:166 Resp: 645461

Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

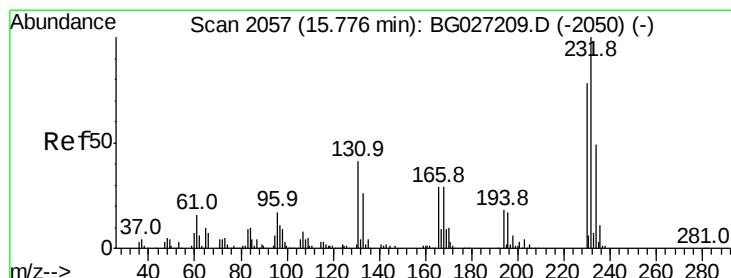
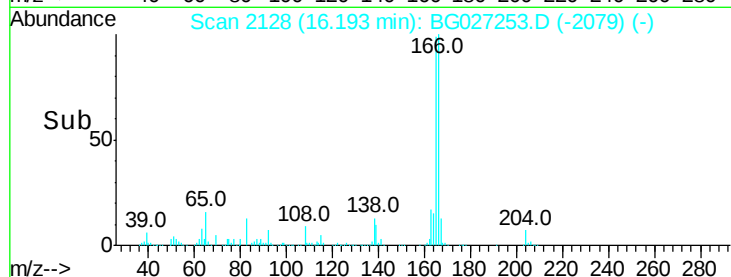
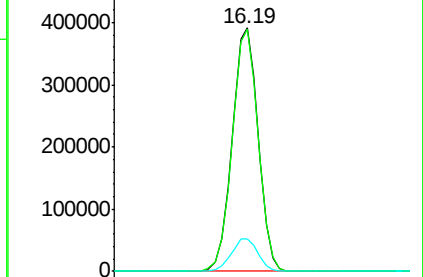
167 13.4 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.62 ng

RT: 15.76 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Tgt Ion:232 Resp: 155610

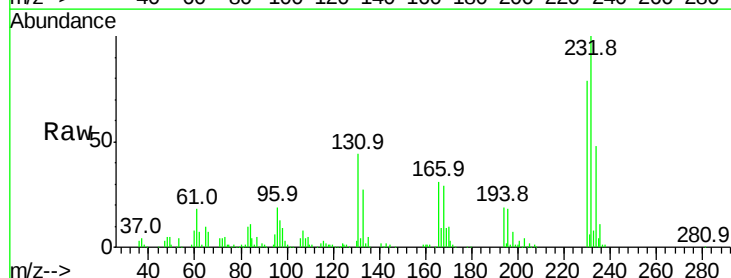
Ion Ratio Lower Upper

232 100

131 43.4 34.9 52.3

130 2.4 2.3 3.5

166 30.6 24.2 36.4

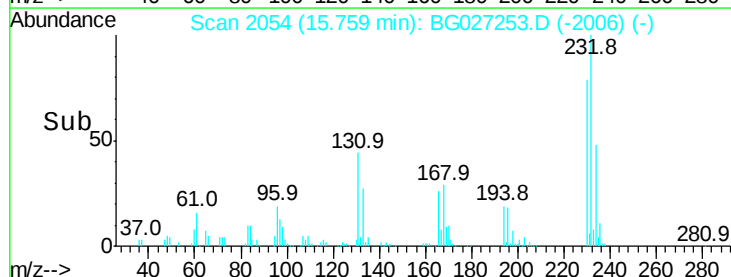
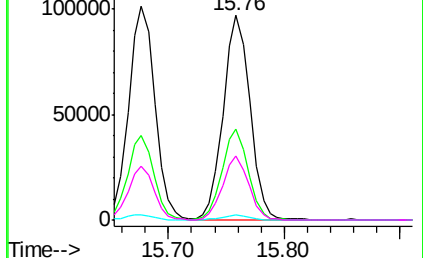


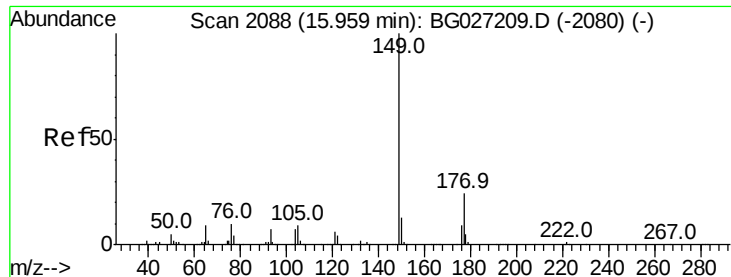
Abundance Ion 232.00 (231.70 to 232.70): E

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

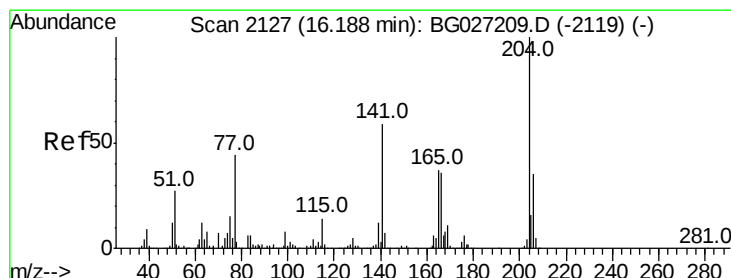
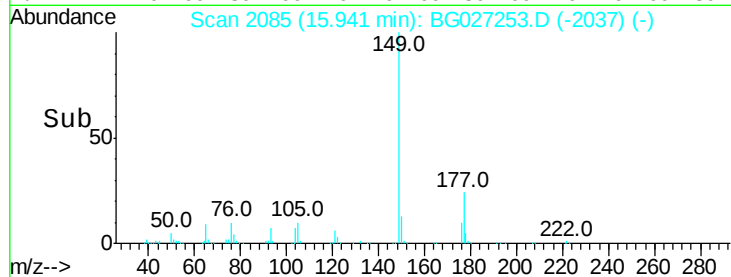
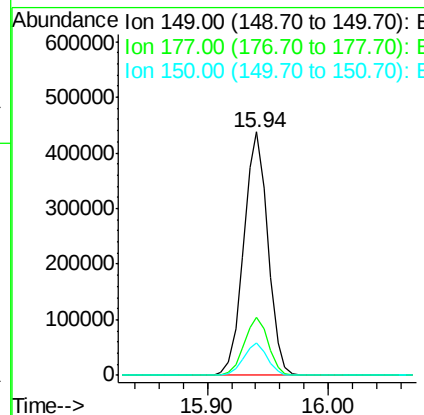
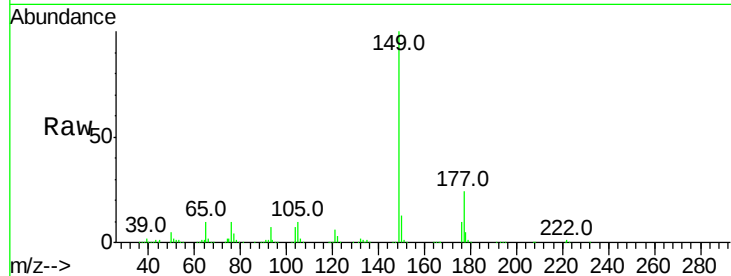




#59
Diethylphthalate
Concen: 39.75 ng
RT: 15.94 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

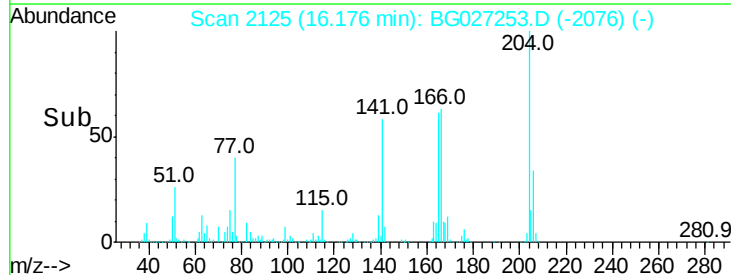
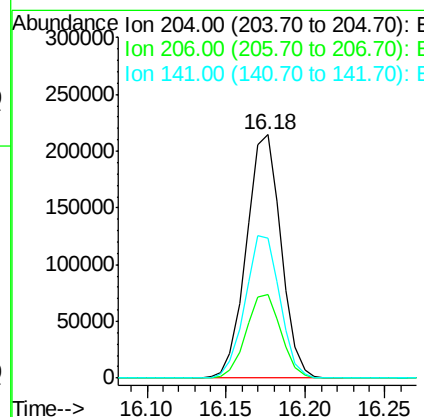
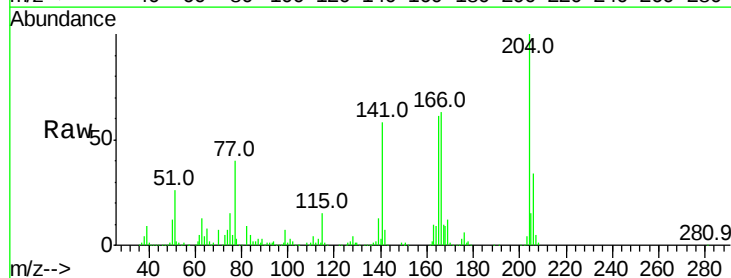
Instrument :
BNA_G
ClientSampled :

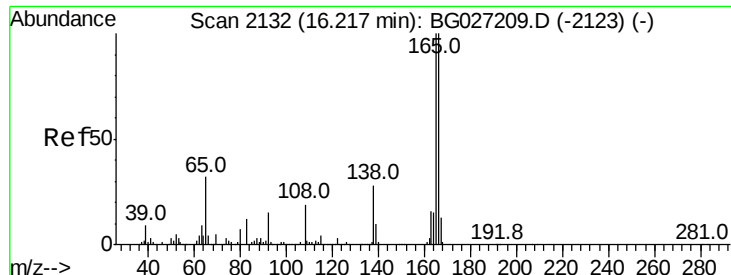
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	20.1	30.1
150	13.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.82 ng
RT: 16.18 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	30.1	45.1
141	57.5	50.6	76.0

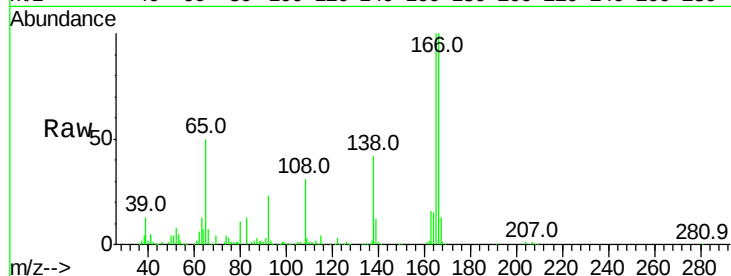




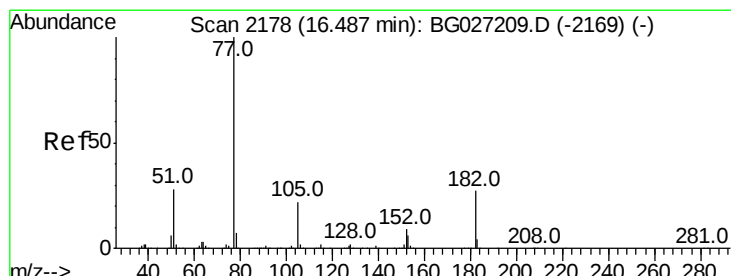
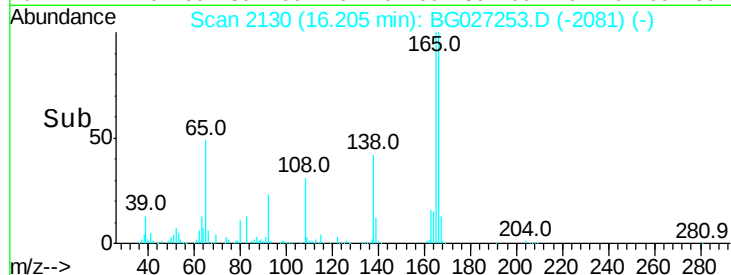
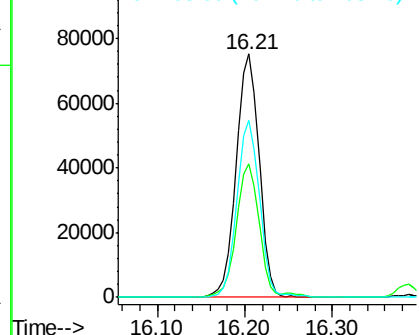
#61
4-Nitroaniline
Concen: 41.36 ng
RT: 16.21 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 133779
Ion Ratio Lower Upper
138 100
92 55.1 44.2 84.2
108 72.9 104.8 144.8#

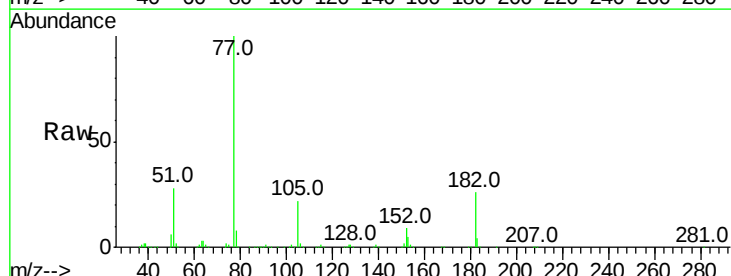


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

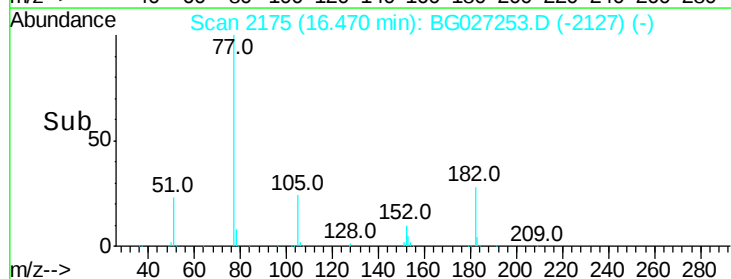
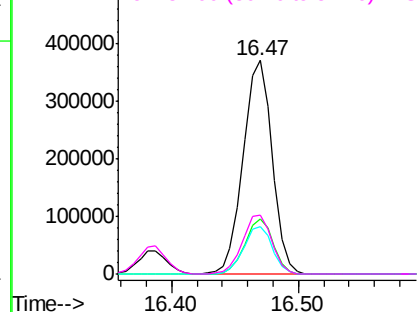


#62
Azobenzene
Concen: 41.34 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion: 77 Resp: 586457
Ion Ratio Lower Upper
77 100
182 26.0 4.7 44.7
105 22.1 0.0 36.3
51 27.5 16.4 56.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

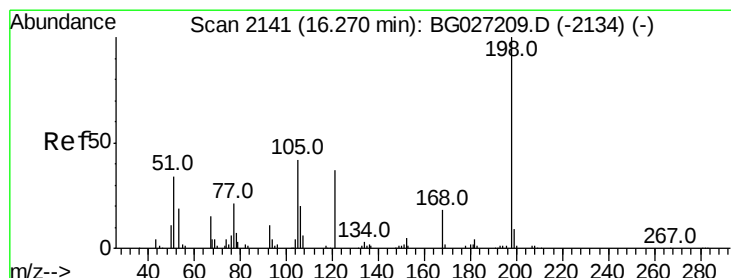
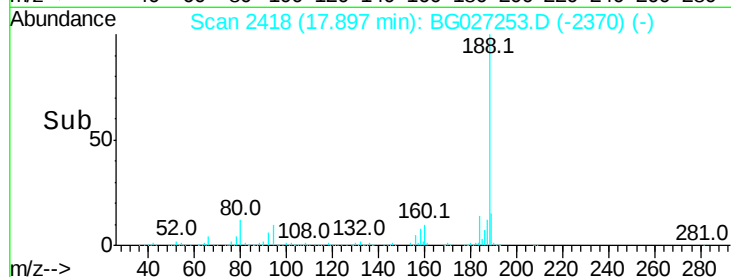
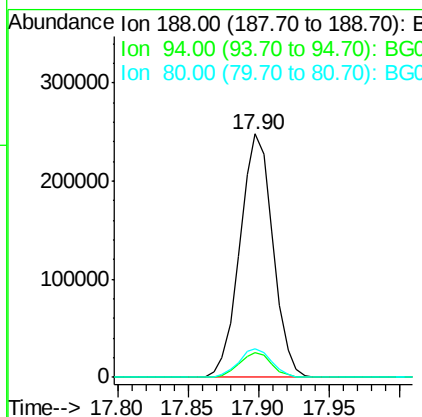
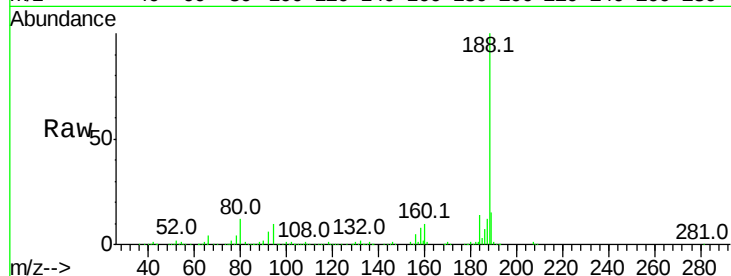




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

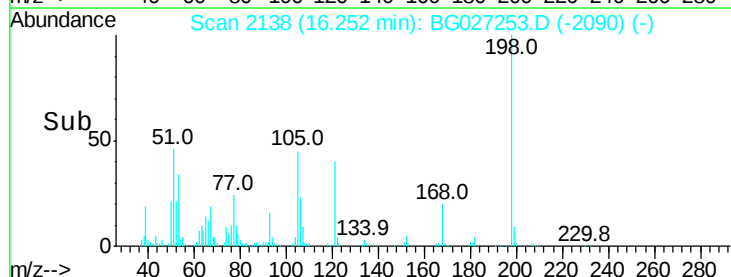
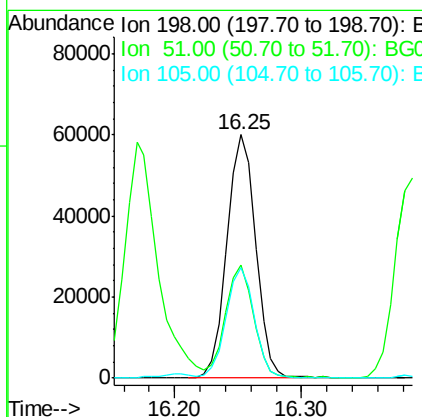
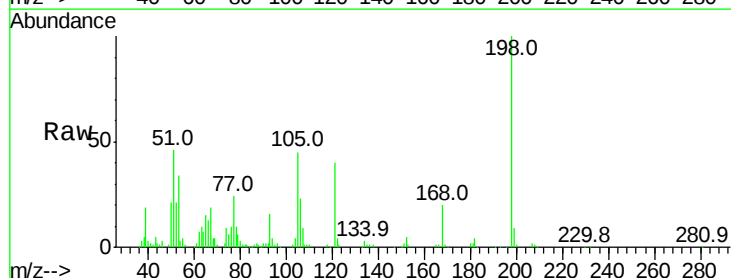
Instrument :
BNA_G
ClientSampleId :

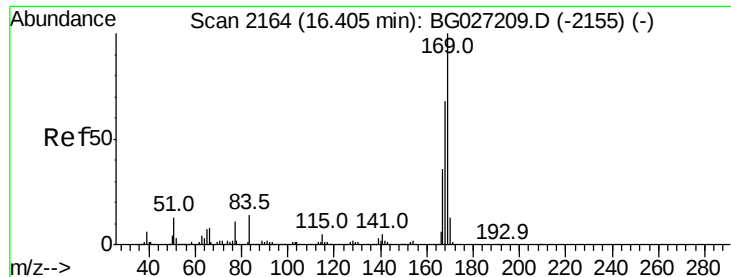
Tot Ion:188 Resp: 405448
Ion Ratio Lower Upper
188 100
94 10.3 5.8 8.8#
80 11.9 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.07 ng
RT: 16.25 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:198 Resp: 94125
Ion Ratio Lower Upper
198 100
51 46.4 22.6 62.6
105 45.2 14.4 54.4

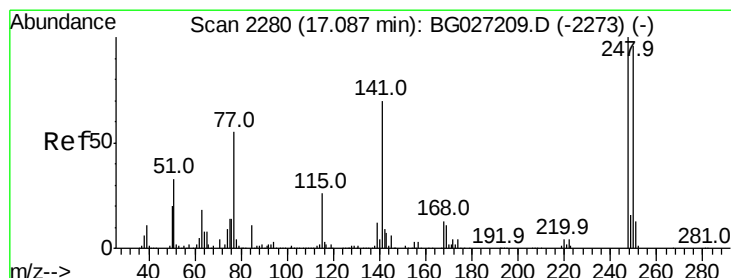
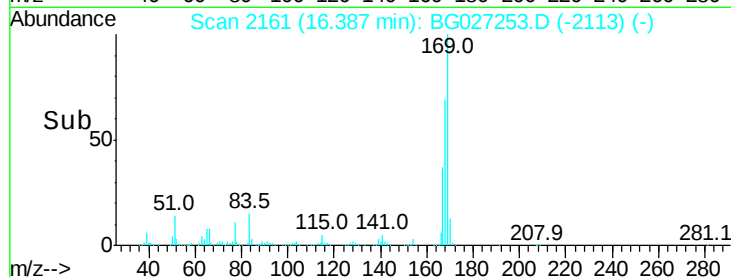
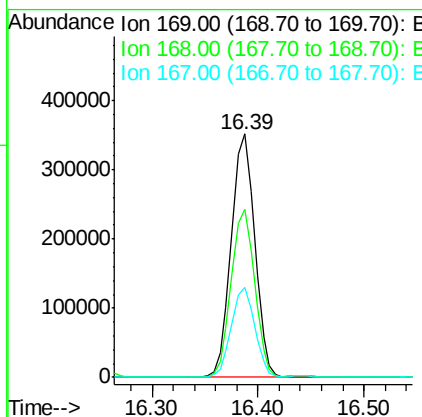
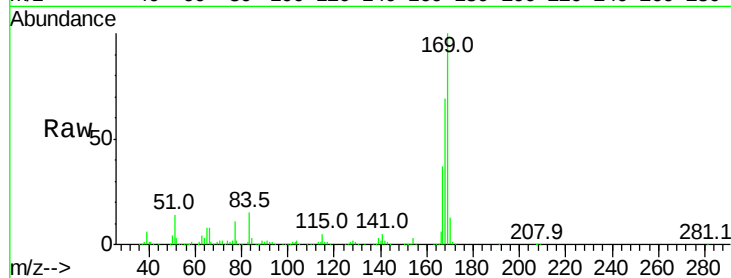




#65
n-Nitrosodiphenylamine
Concen: 42.48 ng
RT: 16.39 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

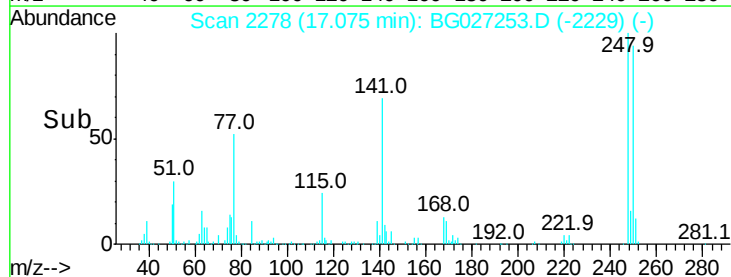
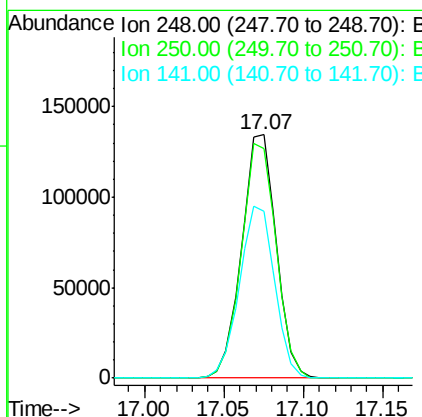
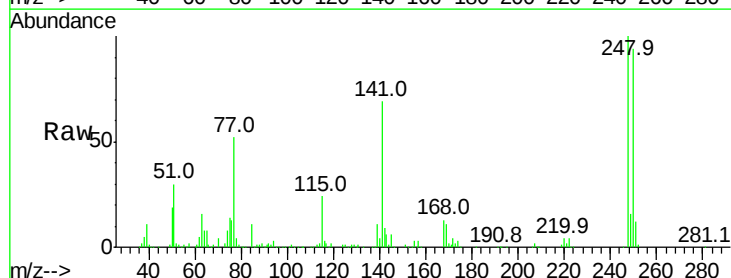
Instrument :
BNA_G
ClientSampleId :

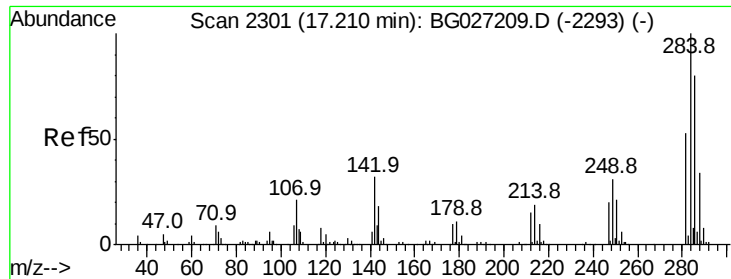
Tot Ion:169 Resp: 539932
Ion Ratio Lower Upper
169 100
168 68.8 55.7 83.5
167 37.0 29.8 44.6



#66
4-Bromophenyl-phenylether
Concen: 42.38 ng
RT: 17.07 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:248 Resp: 203350
Ion Ratio Lower Upper
248 100
250 94.4 75.0 112.6
141 68.8 55.2 82.8

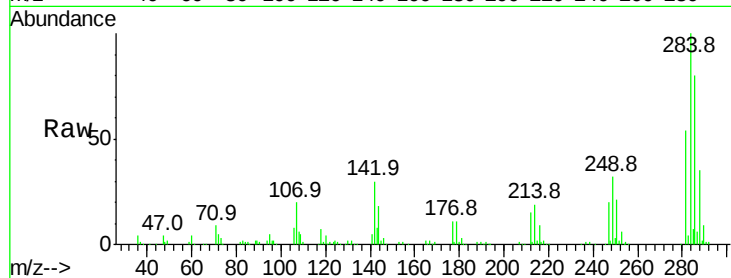




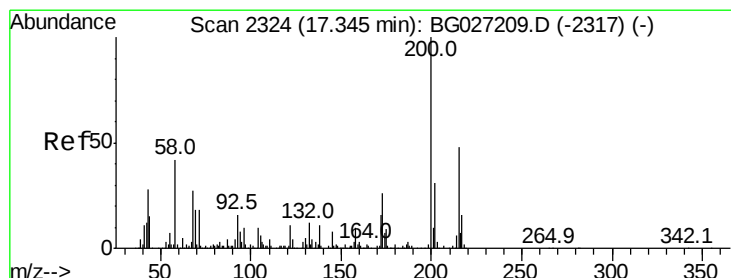
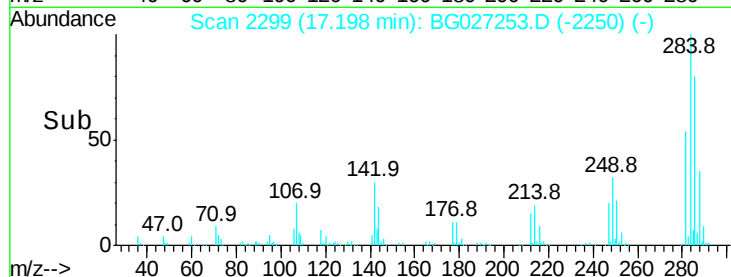
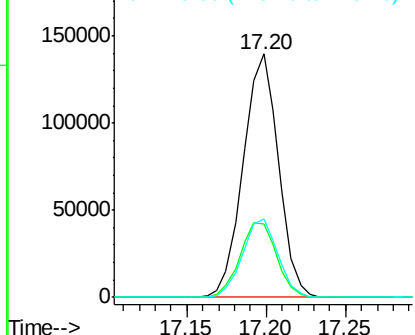
#67
Hexachlorobenzene
Concen: 41.78 ng
RT: 17.20 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.2	29.9	44.9
249	32.1	29.2	43.8

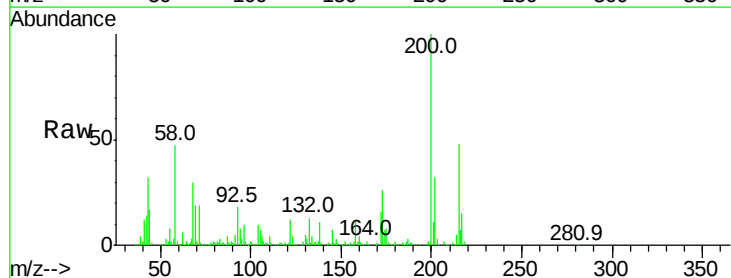


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

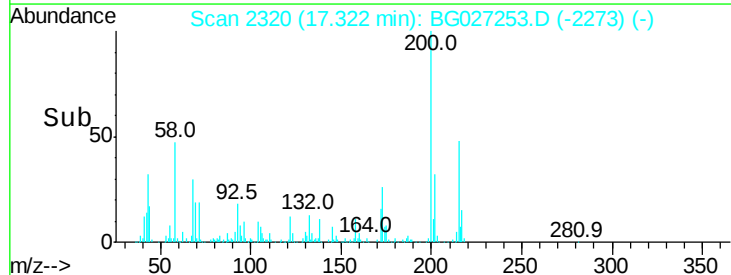
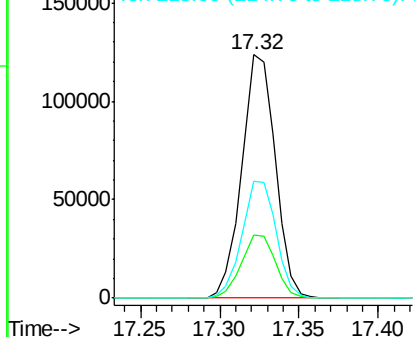


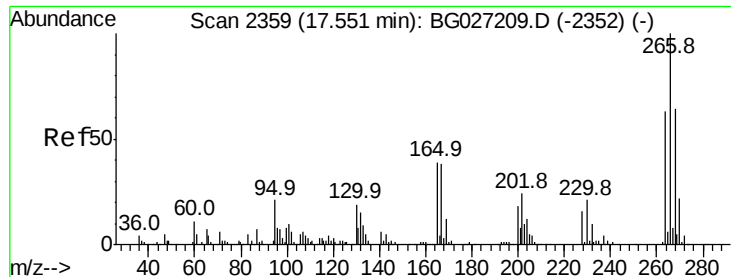
#68
Atrazine
Concen: 42.71 ng
RT: 17.32 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	3.0	43.0
215	48.1	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: 41.66 ng

RT: 17.53 min Scan# 2356

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

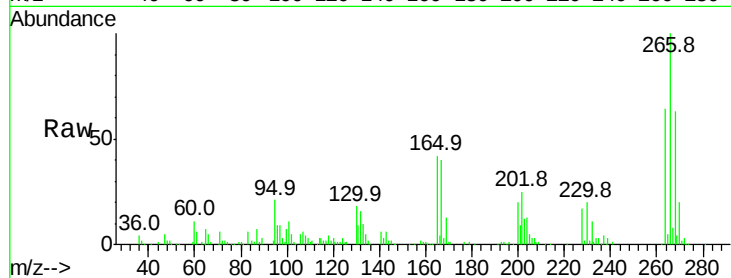
Tot Ion:266 Resp: 126043

Ion Ratio Lower Upper

266 100

268 63.3 48.6 72.8

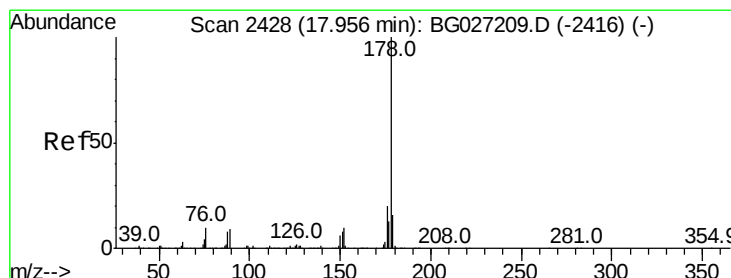
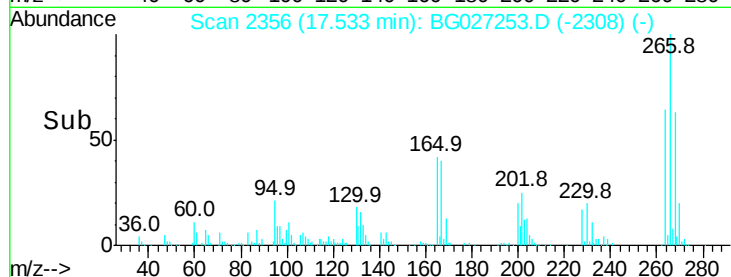
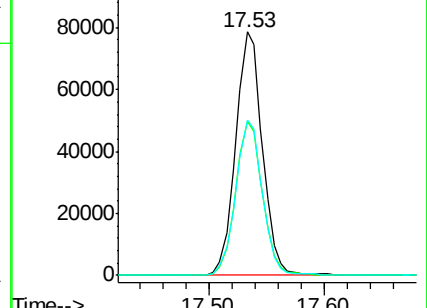
264 63.9 50.1 75.1



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: 40.55 ng

RT: 17.94 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

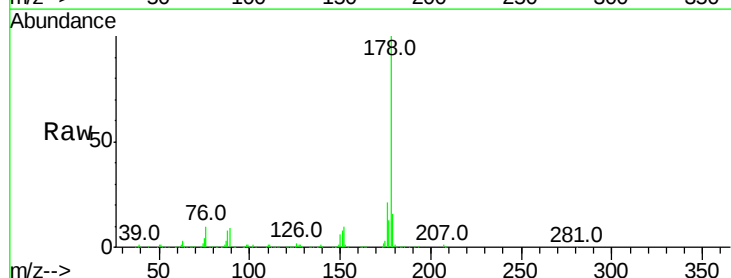
Tgt Ion:178 Resp: 925053

Ion Ratio Lower Upper

178 100

176 21.0 17.7 26.5

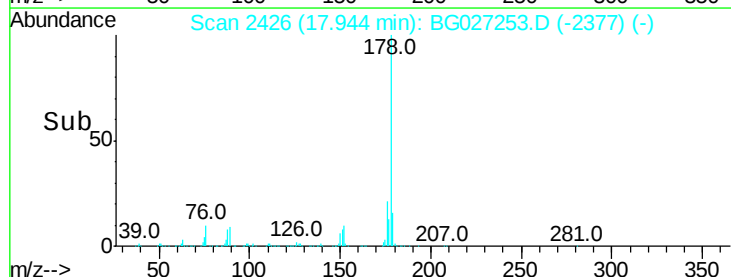
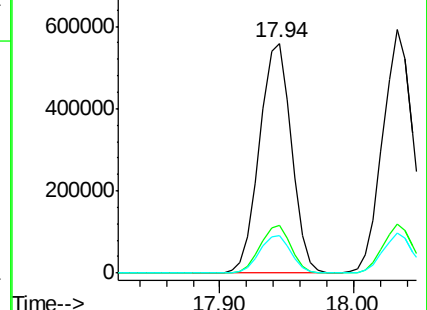
179 16.5 15.0 22.6

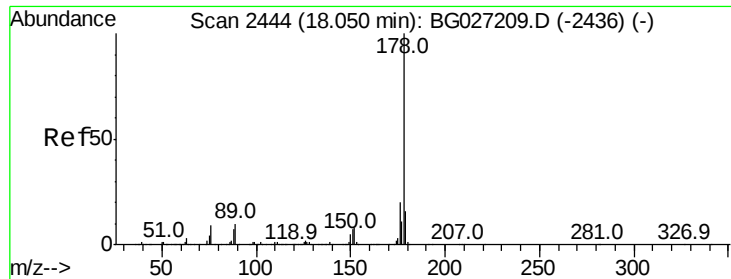


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

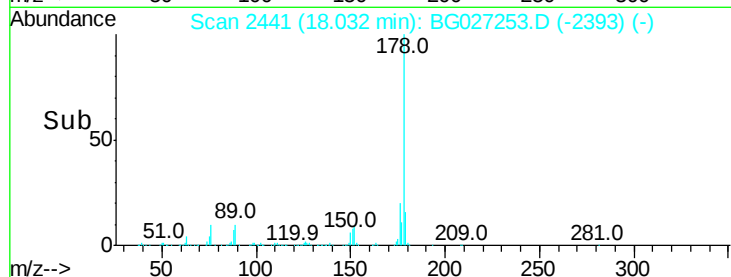
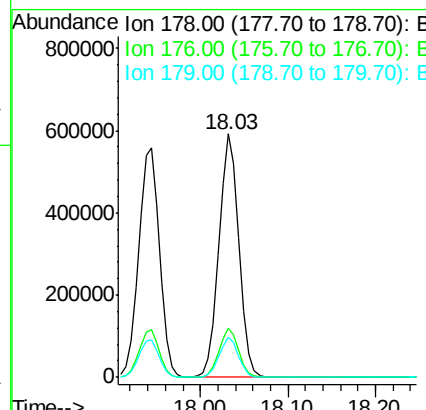
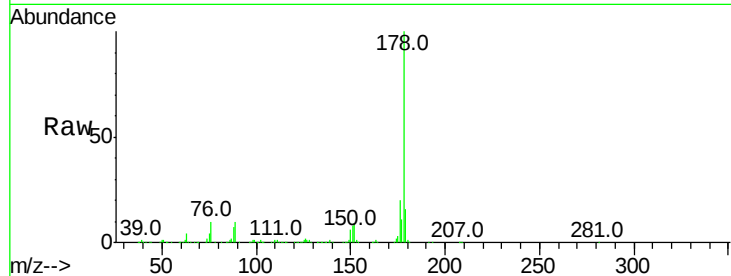




#71
 Anthracene
 Concen: 41.01 ng
 RT: 18.03 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

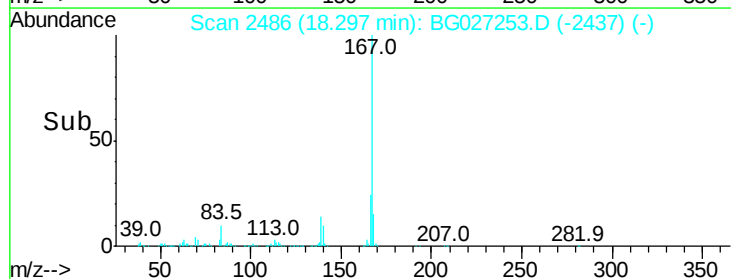
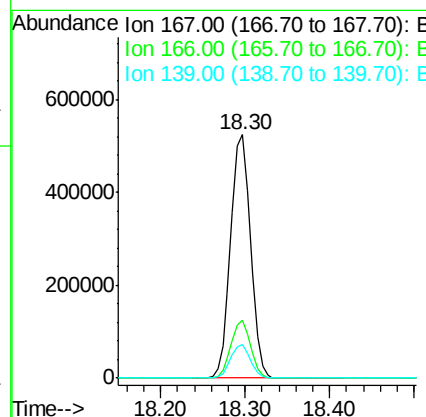
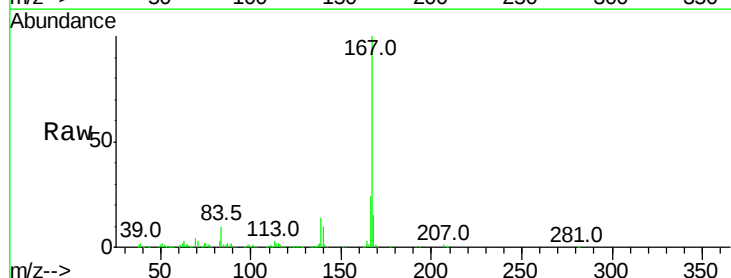
Instrument :
 BNA_G
 ClientSampleId :

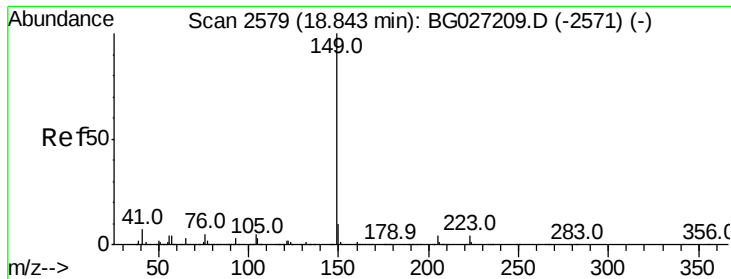
Tot Ion:178 Resp: 937172
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.4 24.6
 179 16.3 13.8 20.8



#72
 Carbazole
 Concen: 39.65 ng
 RT: 18.30 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Tgt Ion:167 Resp: 854690
 Ion Ratio Lower Upper
 167 100
 166 23.6 20.2 30.2
 139 13.7 12.8 19.2





#73

Di-n-butylphthalate

Concen: 42.87 ng

RT: 18.83 min Scan# 2576

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

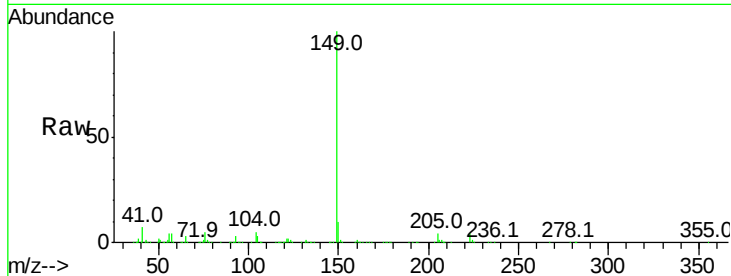
Tot Ion:149 Resp: 896110

Ion Ratio Lower Upper

149 100

150 9.6 9.1 13.7

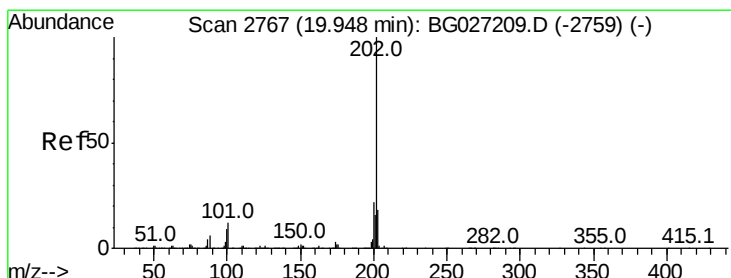
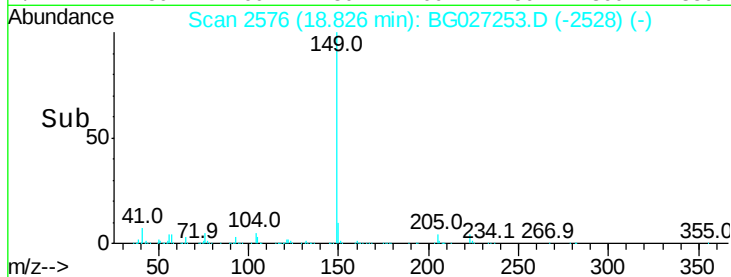
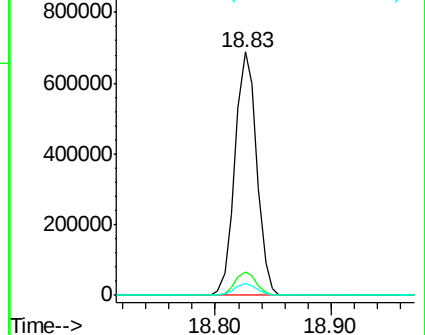
104 5.1 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.35 ng

RT: 19.93 min Scan# 2764

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

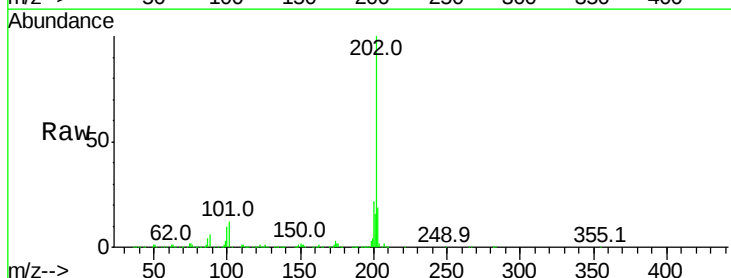
Tgt Ion:202 Resp: 983280

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.1

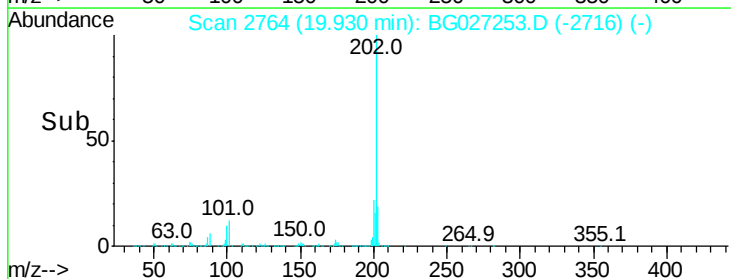
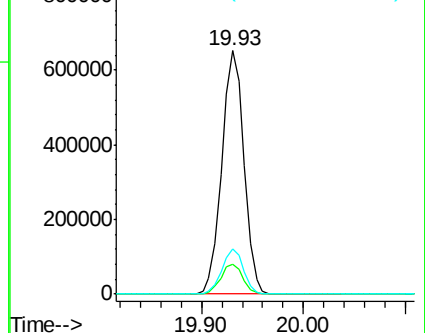
203 18.6 1.3 41.3

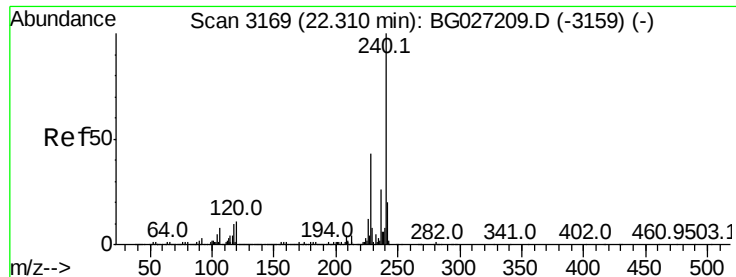


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

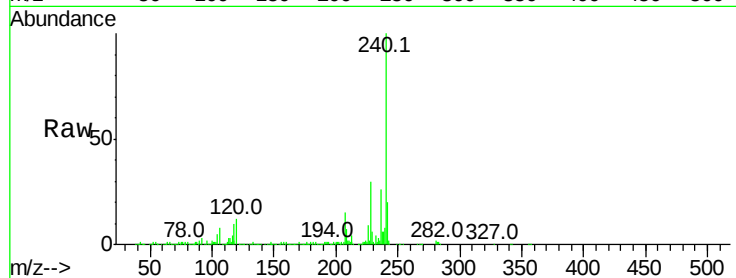
Tot Ion:240 Resp: 434221

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

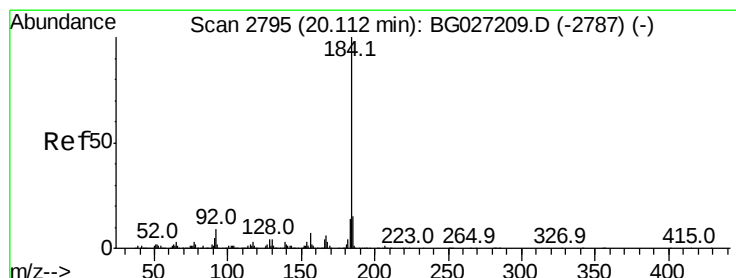
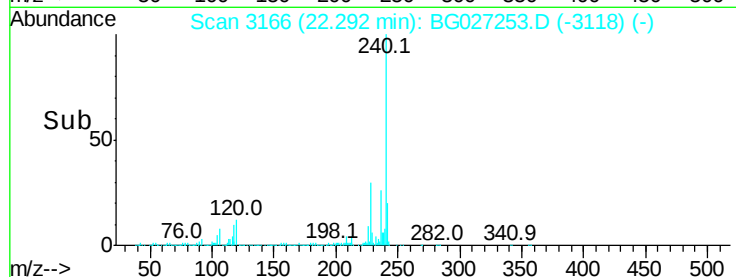
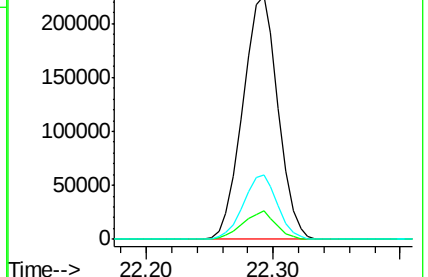
236 26.4 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.79 ng

RT: 20.09 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

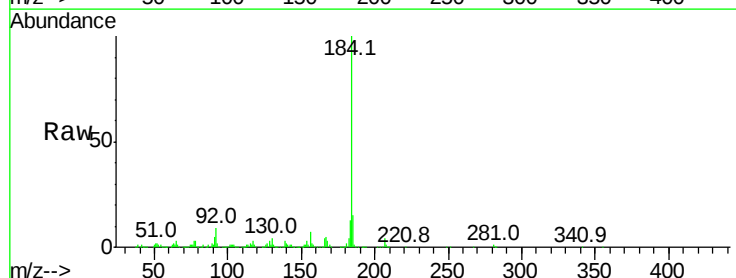
Tgt Ion:184 Resp: 468135

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

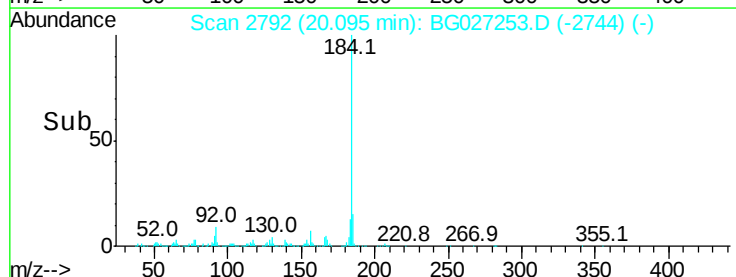
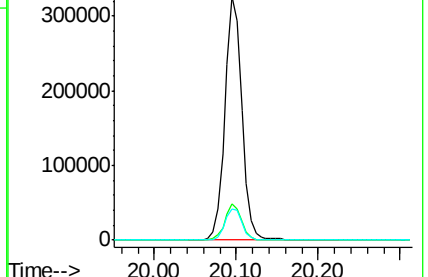
183 12.9 11.0 16.6

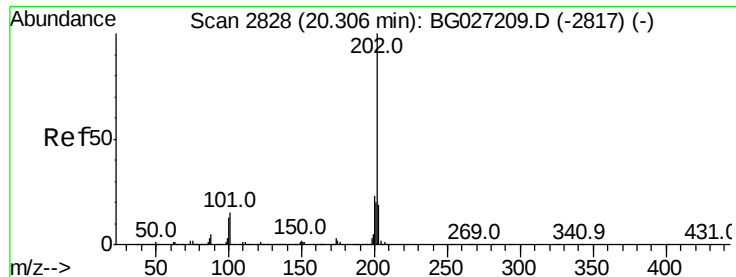


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.25 ng

RT: 20.29 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

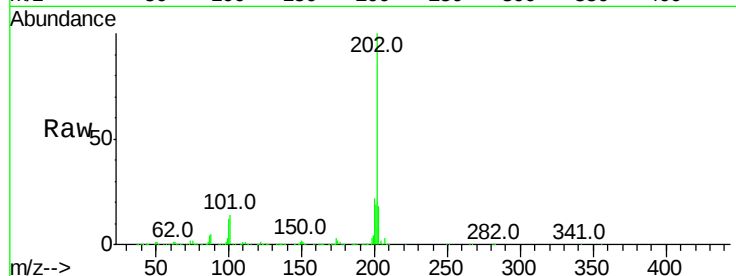
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1003569

Ion	Ratio	Lower	Upper
202	100		
200	22.3	19.6	29.4
203	18.4	15.8	23.8

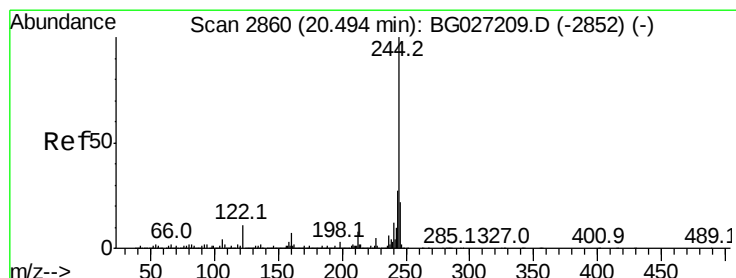
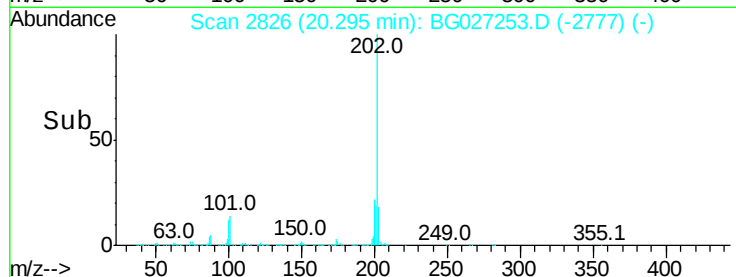
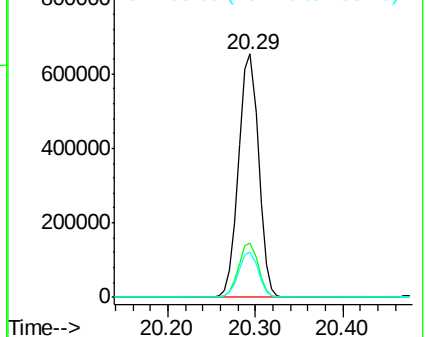


Abundance

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: 79.85 ng

RT: 20.48 min Scan# 2857

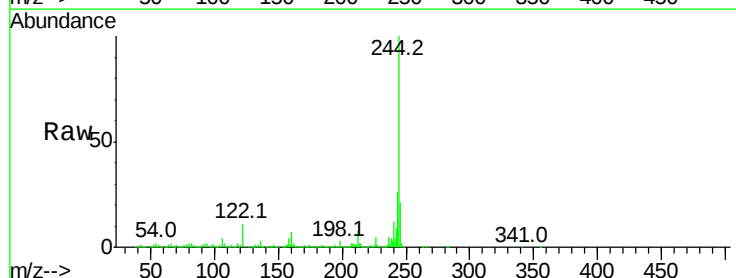
Delta R.T. -0.02 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Tgt Ion:244 Resp: 1359135

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	10.6	8.6	12.8

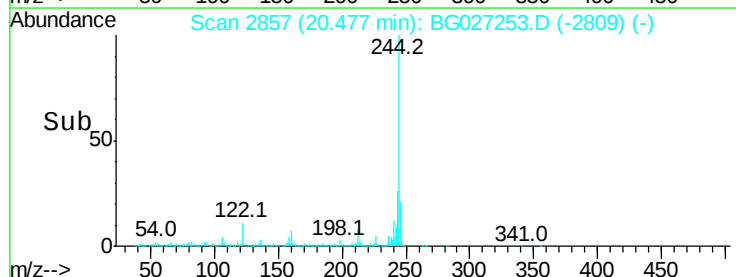
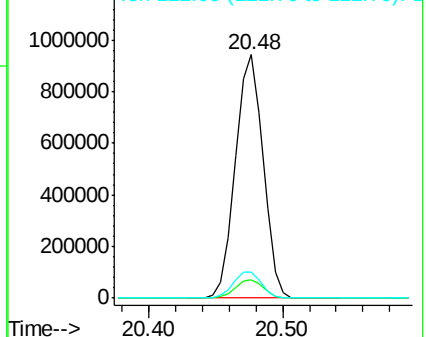


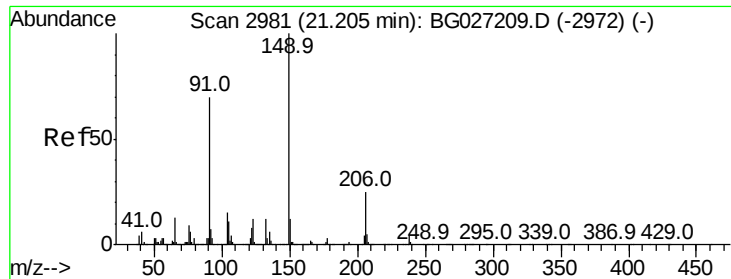
Abundance

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

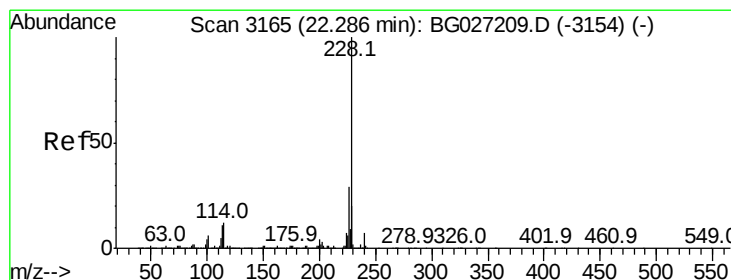
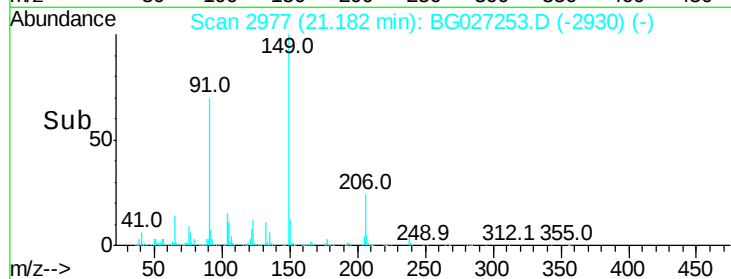
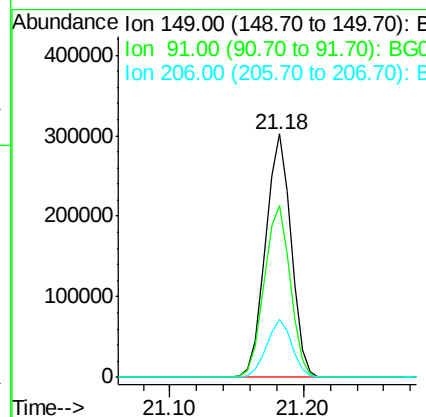
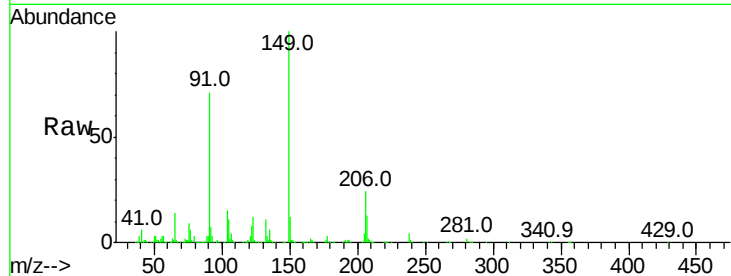




#79
Butylbenzylphthalate
Concen: 43.02 ng
RT: 21.18 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

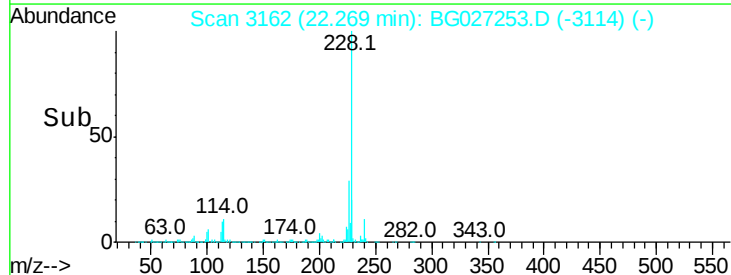
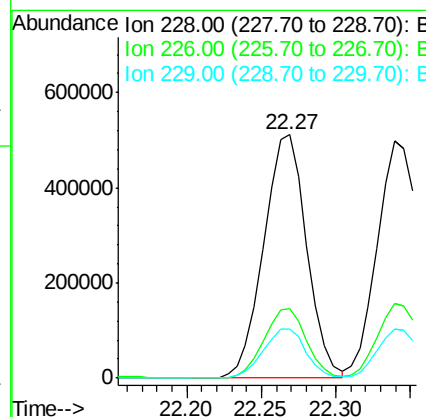
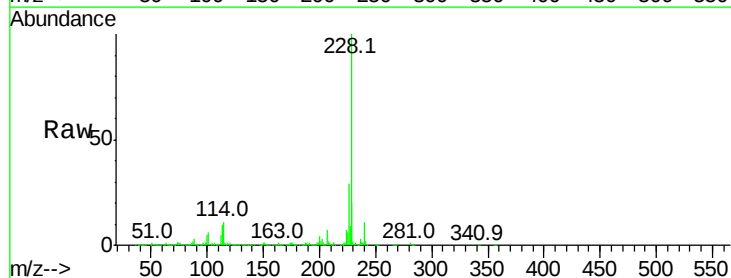
Instrument :
BNA_G
ClientSampleId :

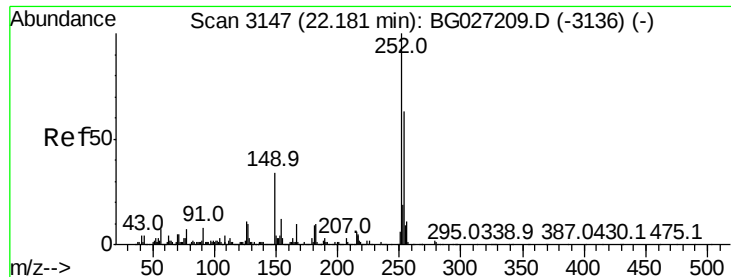
Tot Ion:149 Resp: 398807
Ion Ratio Lower Upper
149 100
91 70.5 63.5 95.3
206 23.9 21.0 31.6



#80
Benzo(a)anthracene
Concen: 41.20 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG027253.D
Acq: 6 Jun 2017 17:32

Tgt Ion:228 Resp: 1020130
Ion Ratio Lower Upper
228 100
226 28.8 24.9 37.3
229 20.0 18.2 27.2

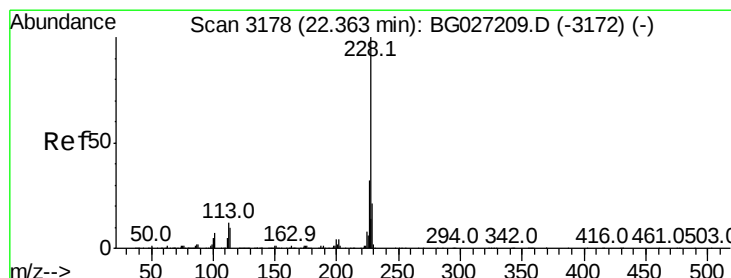
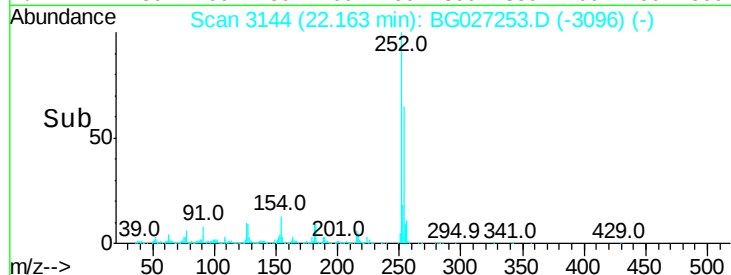
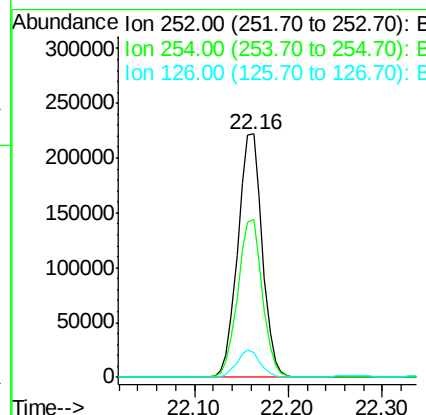
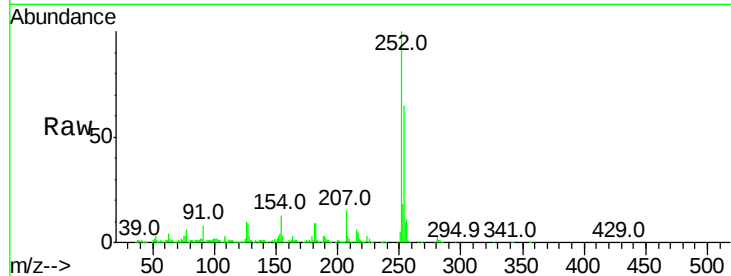




#81
 3,3'-Dichlorobenzidine
 Concen: 41.70 ng
 RT: 22.16 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

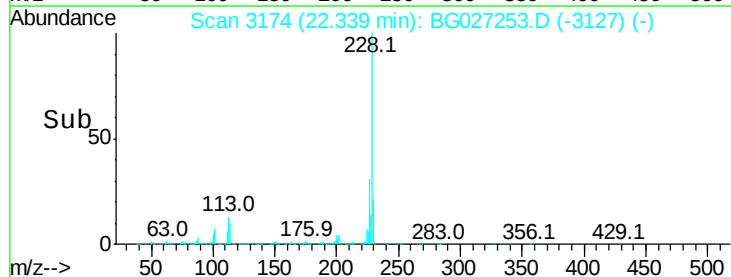
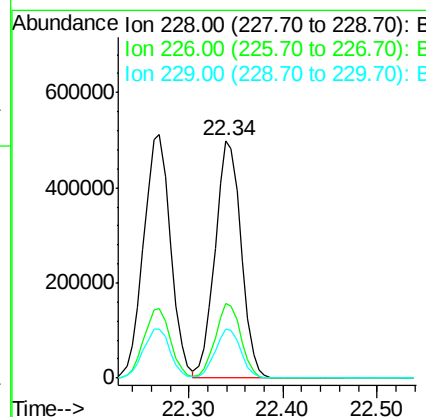
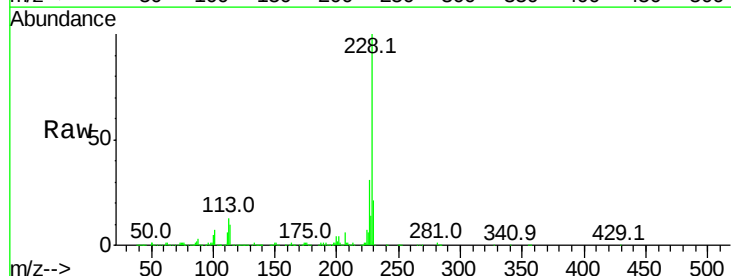
Instrument :
 BNA_G
 ClientSampleId :

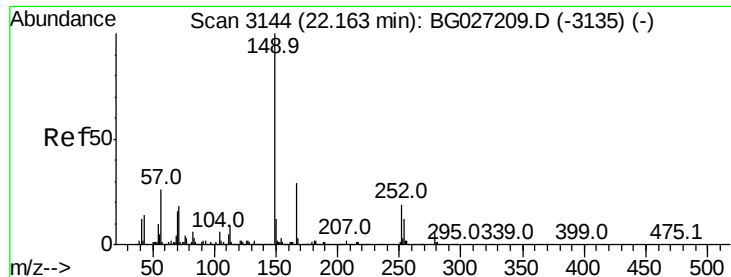
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.1	79.7
126	10.0	7.0	10.4



#82
 Chrysene
 Concen: 40.67 ng
 RT: 22.34 min Scan# 3174
 Delta R.T. -0.02 min
 Lab File: BG027253.D
 Acq: 6 Jun 2017 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	27.0	40.4
229	20.9	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.54 ng

RT: 22.13 min Scan# 3139

Delta R.T. -0.03 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

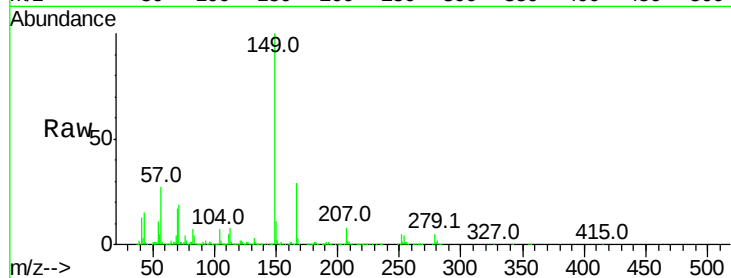
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 581940

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.4	4.6	6.8

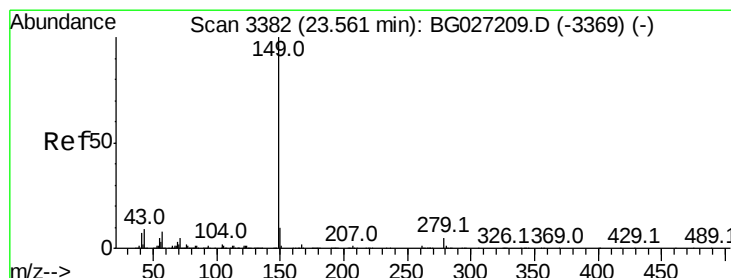
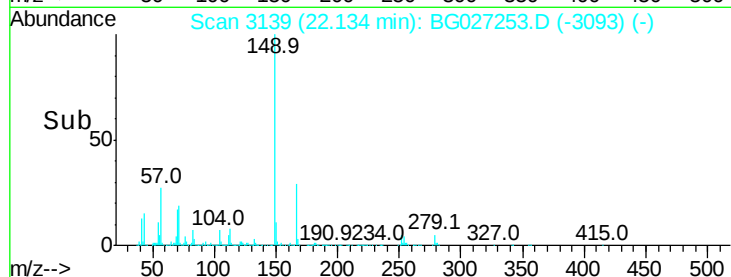
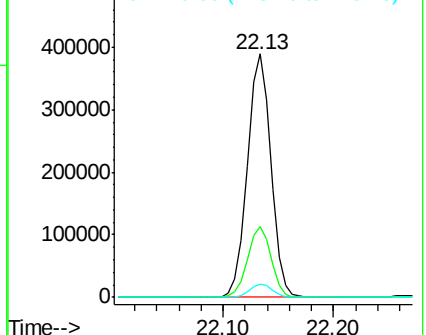


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.38 ng

RT: 23.52 min Scan# 3375

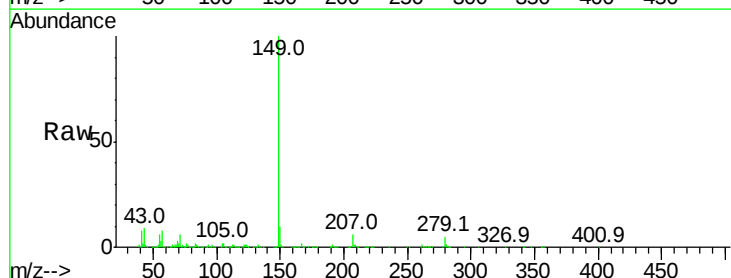
Delta R.T. -0.04 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Tgt Ion:149 Resp: 983343

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.3	11.8	17.6

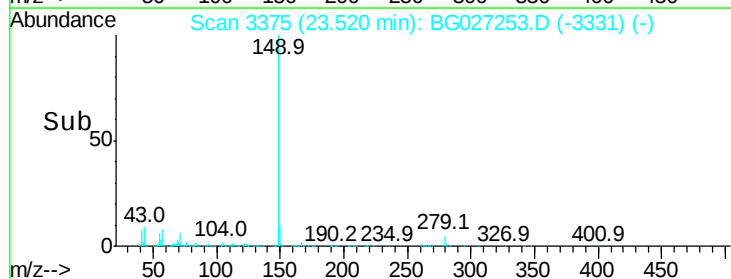
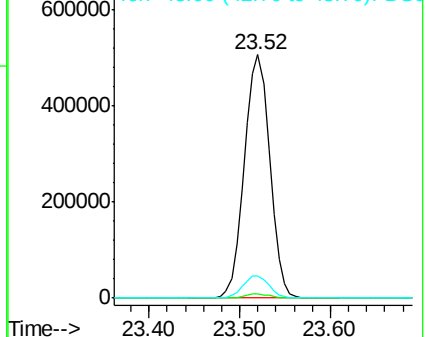


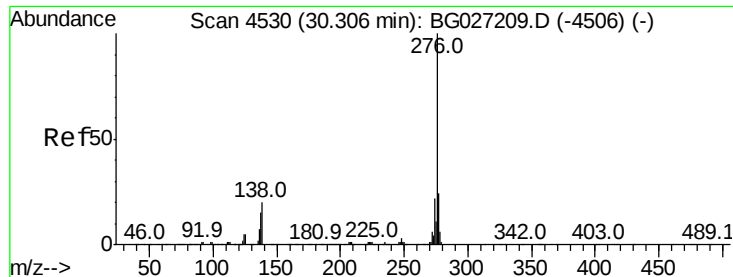
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.27 ng

RT: 30.25 min Scan# 4521

Delta R.T. -0.05 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

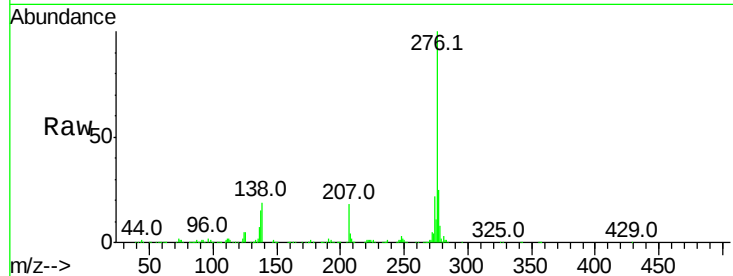
Tot Ion:276 Resp: 1188292

Ion Ratio Lower Upper

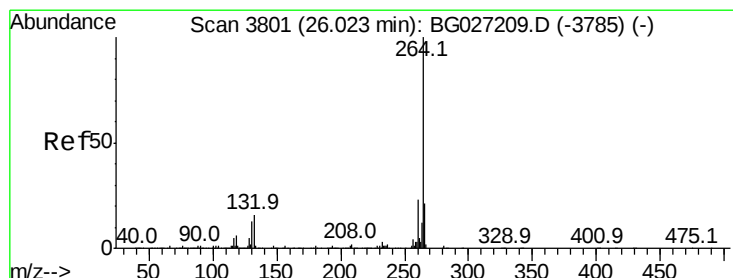
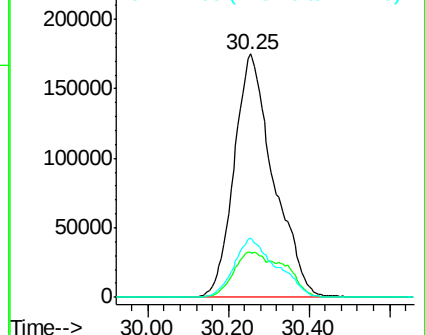
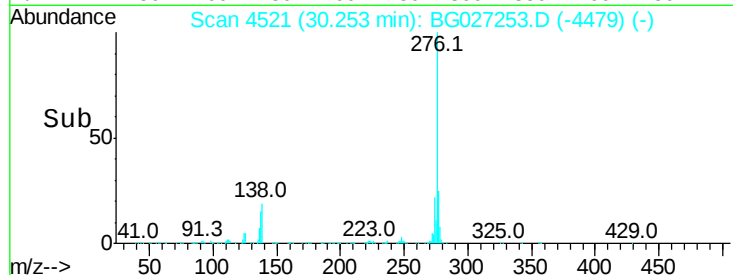
276 100

138 17.5 4.7 7.1#

277 26.1 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.98 min Scan# 3794

Delta R.T. -0.04 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

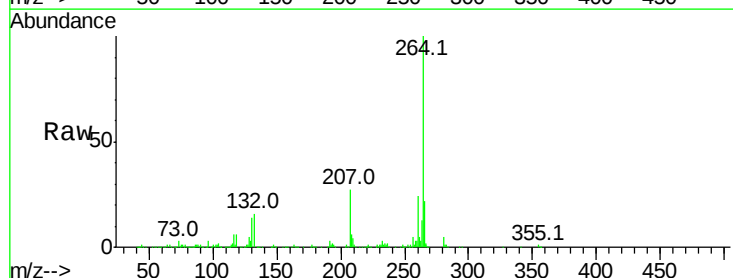
Tgt Ion:264 Resp: 403250

Ion Ratio Lower Upper

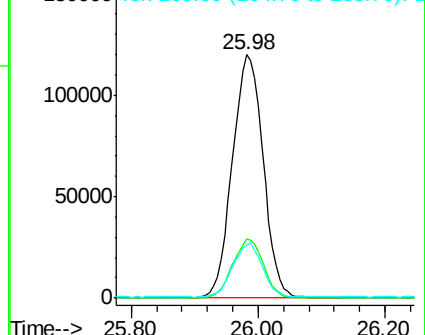
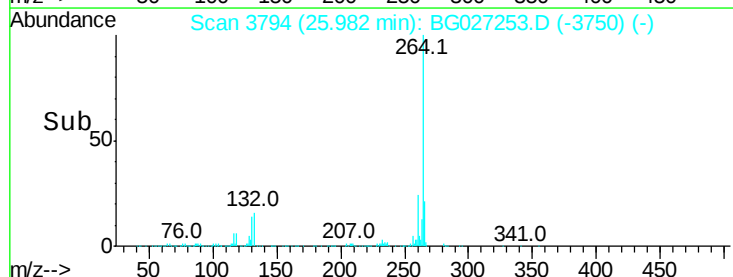
264 100

260 24.3 21.8 32.8

265 22.0 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.06 ng

RT: 24.80 min Scan# 3593

Delta R.T. -0.04 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

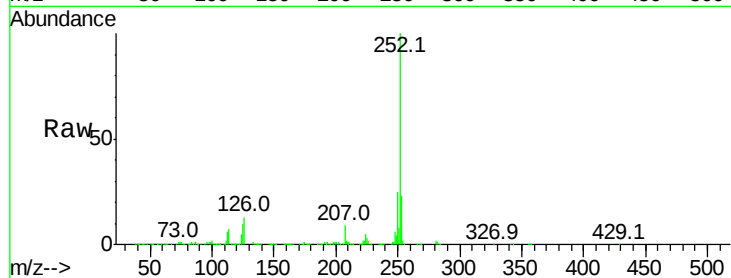
Tot Ion:252 Resp: 1051945

Ion Ratio Lower Upper

252 100

253 22.8 18.7 28.1

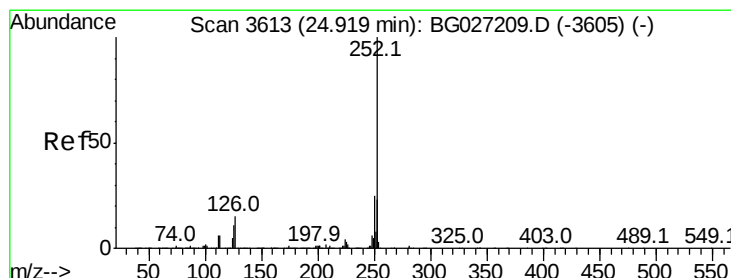
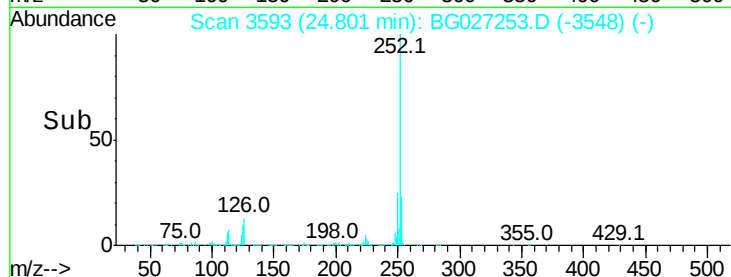
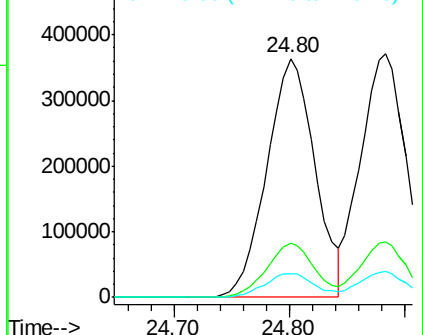
125 10.0 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.46 ng

RT: 24.88 min Scan# 3607

Delta R.T. -0.04 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

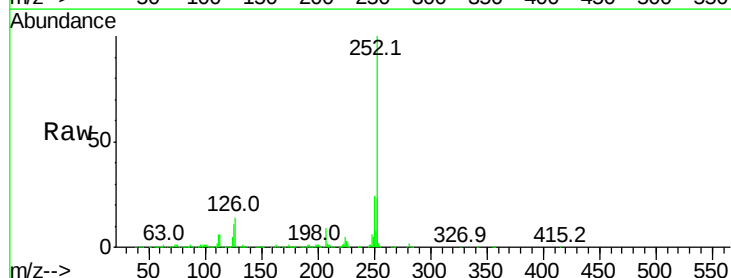
Tgt Ion:252 Resp: 1017308

Ion Ratio Lower Upper

252 100

253 22.9 20.2 30.2

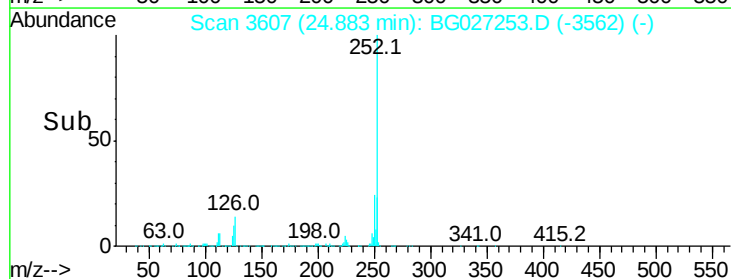
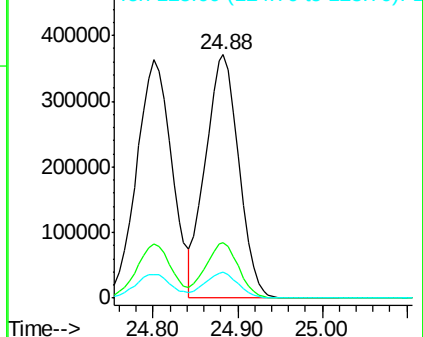
125 10.5 5.1 7.7#

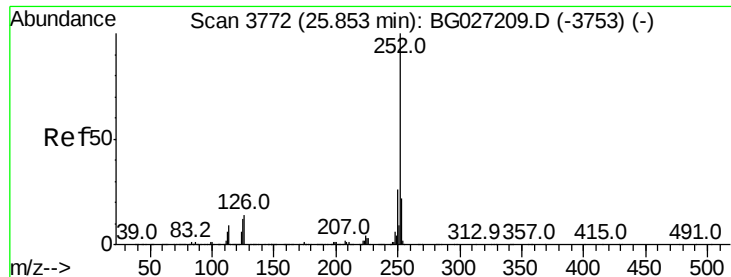


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.59 ng

RT: 25.81 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

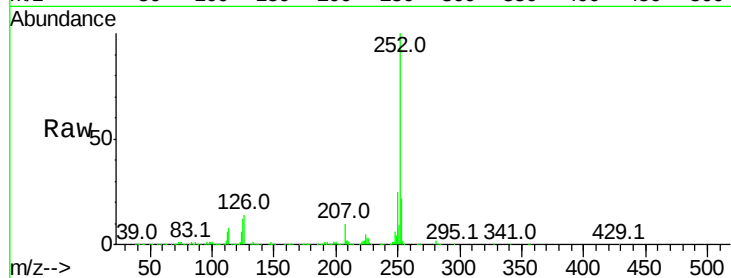
Tot Ion:252 Resp: 979180

Ion Ratio Lower Upper

252 100

253 22.2 19.2 28.8

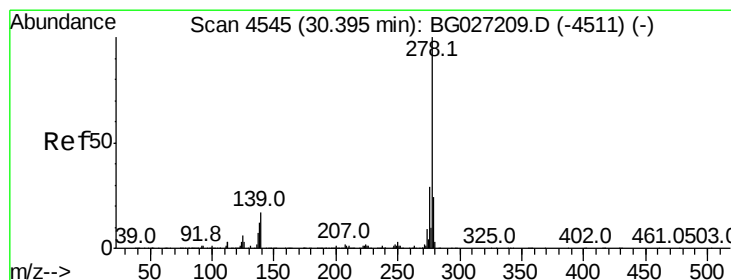
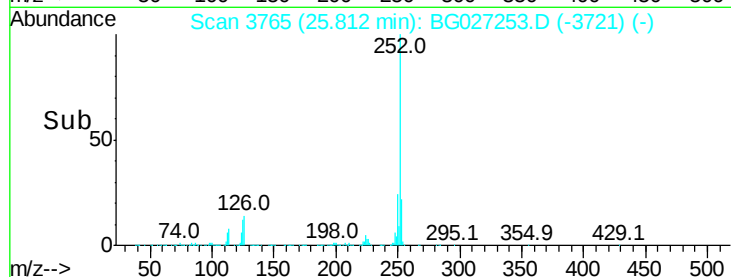
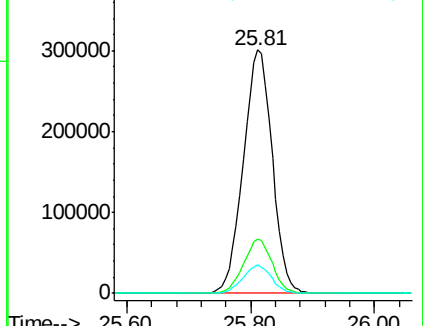
125 11.8 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.37 ng

RT: 30.34 min Scan# 4535

Delta R.T. -0.06 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

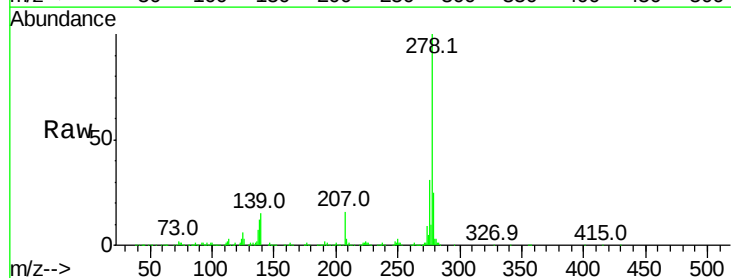
Tgt Ion:278 Resp: 1044109

Ion Ratio Lower Upper

278 100

139 15.5 7.7 11.5#

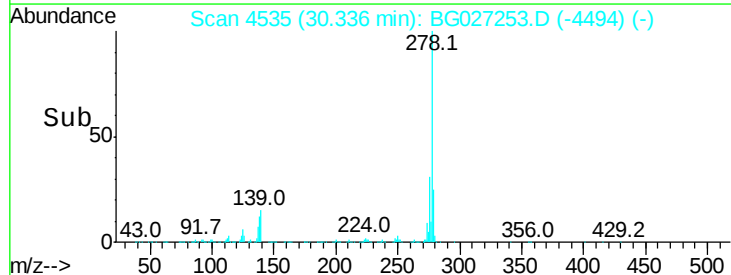
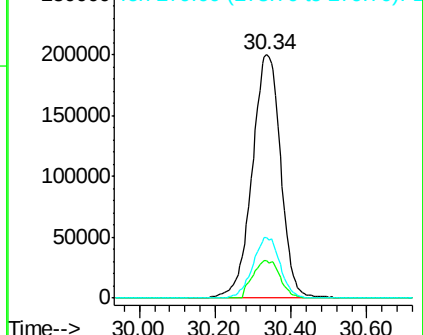
279 24.8 19.1 28.7

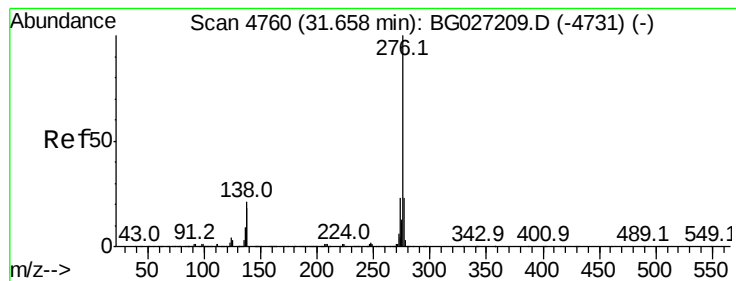


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.51 ng

RT: 31.59 min Scan# 4749

Delta R.T. -0.06 min

Lab File: BG027253.D

Acq: 6 Jun 2017 17:32

Instrument :

BNA_G

ClientSampleId :

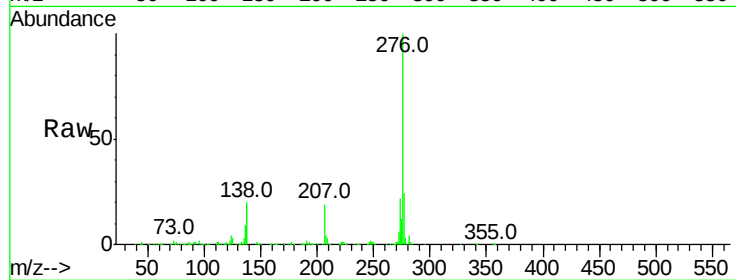
Tot Ion:276 Resp: 990719

Ion Ratio Lower Upper

276 100

277 23.9 18.6 27.8

138 20.5 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

