

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027220.D
 Acq On : 5 Jun 2017 19:54
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 04:04:00 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	61685	20.00	ng	0.00
21) Naphthalene-d8	11.39	136	294657	20.00	ng	0.00
38) Acenaphthene-d10	15.15	164	178384	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	381151	20.00	ng	-0.01
75) Chrysene-d12	22.30	240	433700	20.00	ng	0.00
86) Perylene-d12	26.01	264	401774	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	332549	82.27	ng	0.00
7) Phenol-d6	7.70	99	487912	82.23	ng	0.00
23) Nitrobenzene-d5	9.74	82	416872	88.97	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	200681	85.43	ng	0.00
44) 2-Fluorobiphenyl	13.79	172	1060489	83.17	ng	0.00
78) Terphenyl-d14	20.49	244	1337466	78.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.17	88	67204	40.09	ng	# 77
3) Pyridine	4.55	79	208024	40.26	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	78270	40.91	ng	# 44
6) Aniline	7.90	93	301640	40.37	ng	92
8) 2-Chlorophenol	8.14	128	174674	40.92	ng	86
9) Benzaldehyde	7.72	77	163727	39.91	ng	80
10) Phenol	7.73	94	246856	40.68	ng	# 76
11) bis(2-Chloroethyl)ether	7.98	93	201044	40.39	ng	# 82
12) 1,3-Dichlorobenzene	8.47	146	194127	40.32	ng	# 91
13) 1,4-Dichlorobenzene	8.61	146	197909	40.05	ng	96
14) 1,2-Dichlorobenzene	8.93	146	192730	39.99	ng	93
15) Benzyl Alcohol	8.80	79	172527	41.27	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	9.08	45	277957	39.02	ng	90
17) 2-Methylphenol	8.98	107	174471	40.67	ng	# 84
18) Hexachloroethane	9.67	117	69141	41.54	ng	89
19) n-Nitroso-di-n-propylamine	9.37	70	164868	39.72	ng	# 82
20) 3+4-Methylphenols	9.31	107	242476	40.81	ng	89
22) Acetophenone	9.39	105	310874	41.26	ng	# 82
24) Nitrobenzene	9.78	77	231561	43.38	ng	# 86
25) Isophorone	10.31	82	446106	40.49	ng	# 96
26) 2-Nitrophenol	10.49	139	95188	43.97	ng	# 73
27) 2,4-Dimethylphenol	10.52	122	198300	41.86	ng	89
28) bis(2-Chloroethoxy)methane	10.77	93	286627	40.18	ng	97
29) 2,4-Dichlorophenol	11.02	162	182512	42.21	ng	97
30) 1,2,4-Trichlorobenzene	11.25	180	195822	40.90	ng	99
31) Naphthalene	11.45	128	646236	40.13	ng	100
32) Benzoic acid	10.65	122	128866	40.78	ng	# 83
33) 4-Chloroaniline	11.54	127	266798	39.76	ng	# 87
34) Hexachlorobutadiene	11.72	225	120656	41.00	ng	99
35) Caprolactam	12.32	113	59147	39.88	ng	# 77
36) 4-Chloro-3-methylphenol	12.61	107	217529	40.13	ng	88
37) 2-Methylnaphthalene	13.01	142	469621	39.98	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	236081	42.48	ng	98
40) Hexachlorocyclopentadiene	13.34	237	128136	43.32	ng	96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
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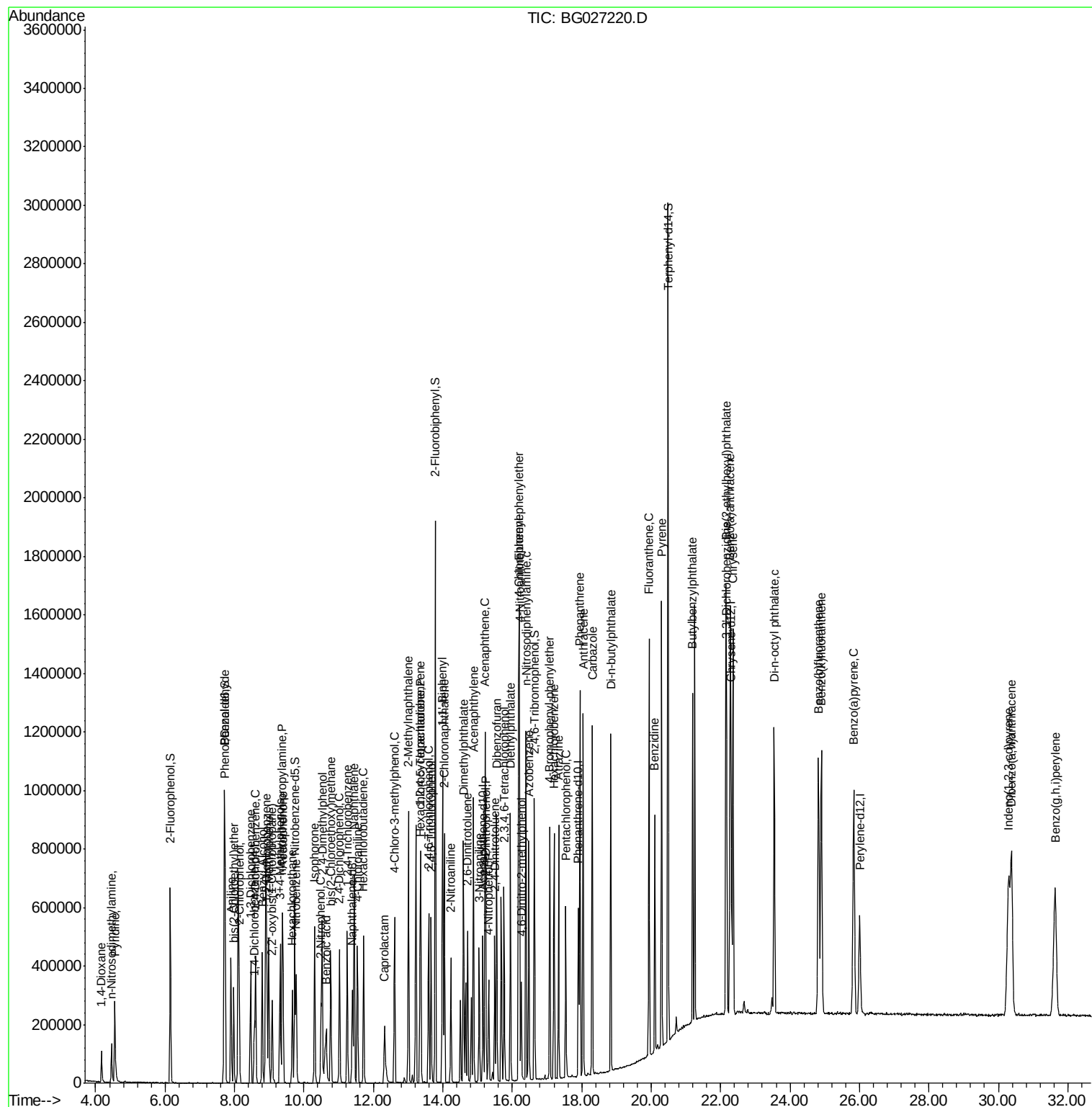
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	148080	43.93	nq	95
43) 2,4,5-Trichlorophenol	13.66	196	162975	43.21	nq	95
45) 1,1'-Biphenyl	13.99	154	603190	41.43	nq	98
46) 2-Chloronaphthalene	14.04	162	455006	41.68	nq	98
47) 2-Nitroaniline	14.23	65	128705	42.39	nq	# 78
48) Acenaphthylene	14.88	152	768858	41.62	nq	99
49) Dimethylphthalate	14.60	163	571828	40.41	nq	97
50) 2,6-Dinitrotoluene	14.71	165	120613	42.66	nq	# 77
51) Acenaphthene	15.22	154	497241	41.38	nq	98
52) 3-Nitroaniline	15.05	138	117604	40.07	nq	87
53) 2,4-Dinitrophenol	15.24	184	52722	47.40	nq	# 41
54) Dibenzofuran	15.55	168	672624	40.05	nq	93
55) 4-Nitrophenol	15.32	139	100266	40.76	nq	# 54
56) 2,4-Dinitrotoluene	15.49	165	152439	42.40	nq	# 88
57) Fluorene	16.20	166	595219	39.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.77	232	144060	42.79	nq	98
59) Diethylphthalate	15.95	149	556650	39.44	nq	97
60) 4-Chlorophenyl-phenylether	16.18	204	300038	39.93	nq	94
61) 4-Nitroaniline	16.21	138	121961	40.96	nq	# 63
62) Azobenzene	16.48	77	520724	39.80	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	81274	48.01	nq	93
65) n-Nitrosodiphenylamine	16.39	169	503199	42.11	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	188595	41.81	nq	97
67) Hexachlorobenzene	17.20	284	201868	41.60	nq	92
68) Atrazine	17.33	200	167418	41.90	nq	97
69) Pentachlorophenol	17.54	266	119290	41.94	nq	97
70) Phenanthrene	17.95	178	872581	40.69	nq	96
71) Anthracene	18.04	178	883461	41.12	nq	98
72) Carbazole	18.30	167	833336	41.13	nq	95
73) Di-n-butylphthalate	18.84	149	835497	42.52	nq	# 93
74) Fluoranthene	19.94	202	951249	41.52	nq	95
76) Benzidine	20.11	184	472537	36.17	nq	98
77) Pyrene	20.30	202	992228	37.86	nq	98
79) Butylbenzylphthalate	21.19	149	380214	41.06	nq	93
80) Benzo(a)anthracene	22.28	228	1006524	40.70	nq	97
81) 3,3'-Dichlorobenzidine	22.18	252	379197	39.41	nq	99
82) Chrysene	22.36	228	961511	40.49	nq	96
83) Bis(2-ethylhexyl)phthalate	22.15	149	556016	39.74	nq	99
84) Di-n-octyl phthalate	23.54	149	929741	40.12	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.30	276	1168411	40.63	nq	# 93
87) Benzo(b)fluoranthene	24.82	252	1015364	40.75	nq	# 96
88) Benzo(k)fluoranthene	24.90	252	1013648	41.47	nq	# 94
89) Benzo(a)pyrene	25.84	252	965987	41.18	nq	# 95
90) Dibenzo(a,h)anthracene	30.38	278	1015642	41.36	nq	# 95
91) Benzo(g,h,i)perylene	31.63	276	978335	41.14	nq	# 91

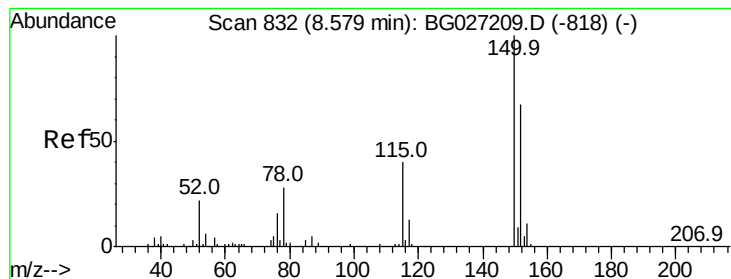
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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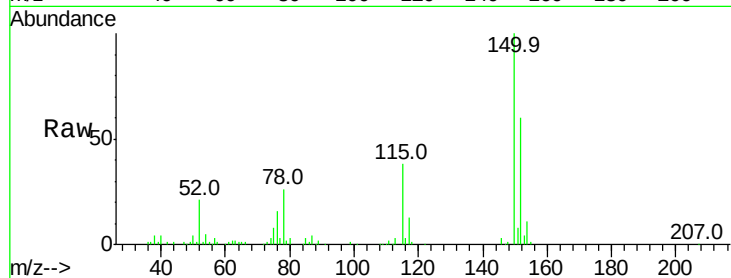


#1

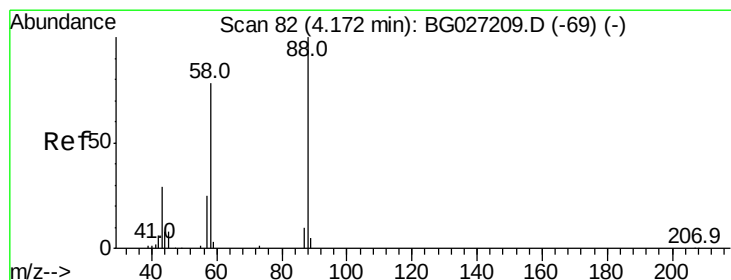
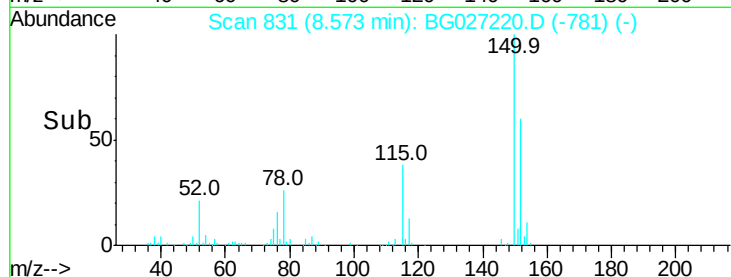
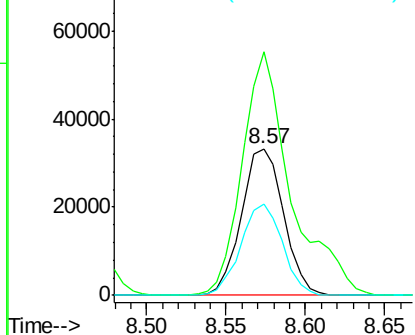
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61685
Ion Ratio Lower Upper
152 100
150 165.8 114.0 171.0
115 62.3 48.1 72.1



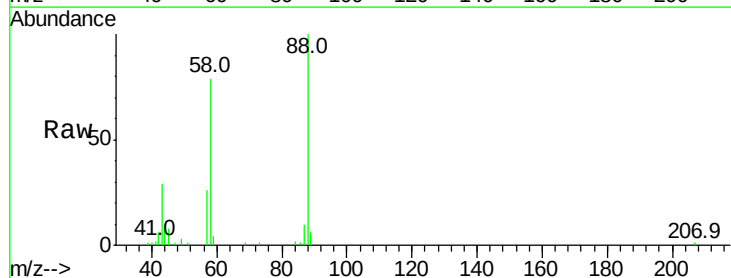
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



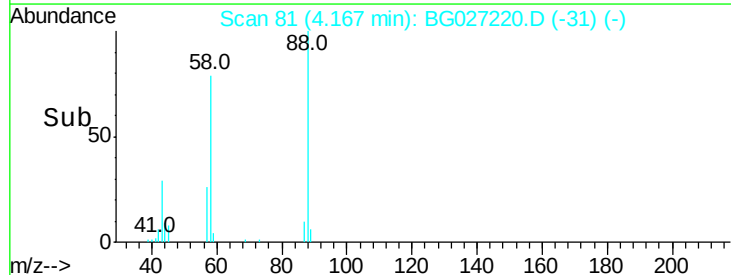
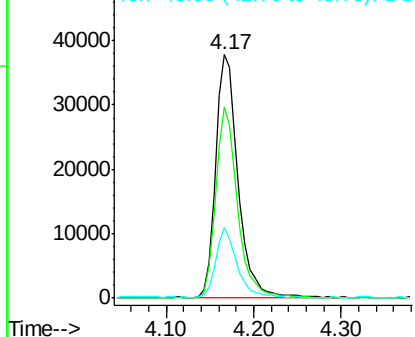
#2

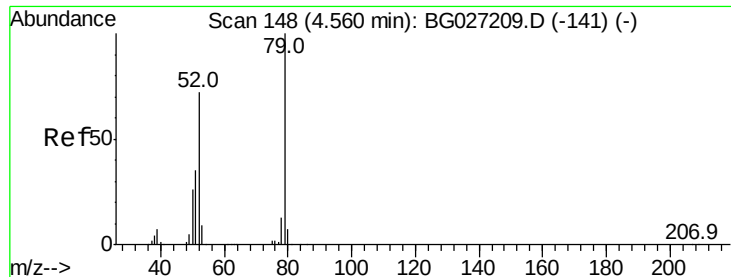
1,4-Dioxane
Concen: 40.09 ng
RT: 4.17 min Scan# 81
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion: 88 Resp: 67204
Ion Ratio Lower Upper
88 100
58 76.3 79.4 119.2#
43 27.6 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: 40.26 ng

RT: 4.55 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

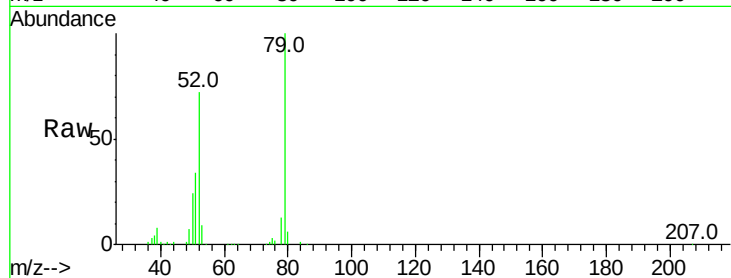
Tot Ion: 79 Resp: 208024

Ion Ratio Lower Upper

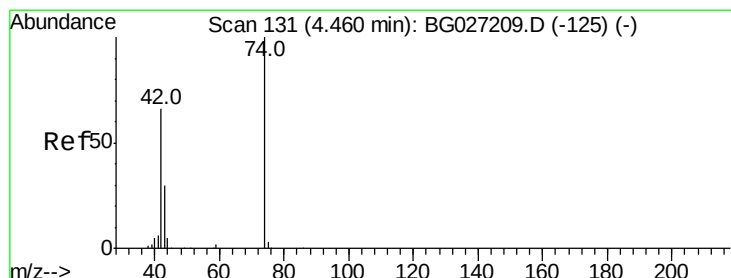
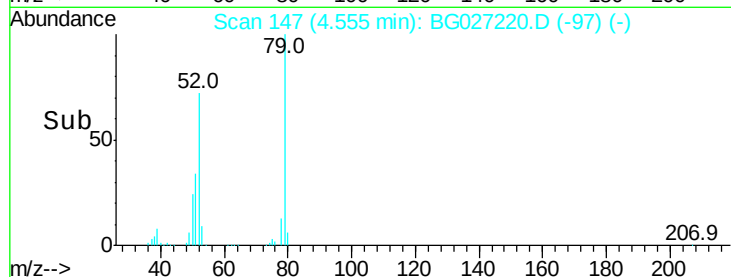
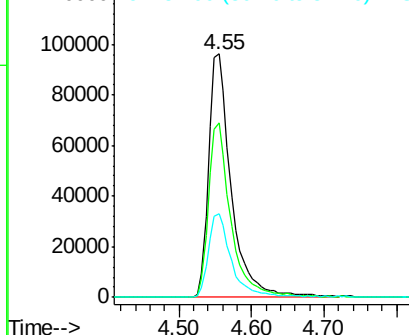
79 100

52 71.6 77.8 116.6#

51 34.2 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: 40.91 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

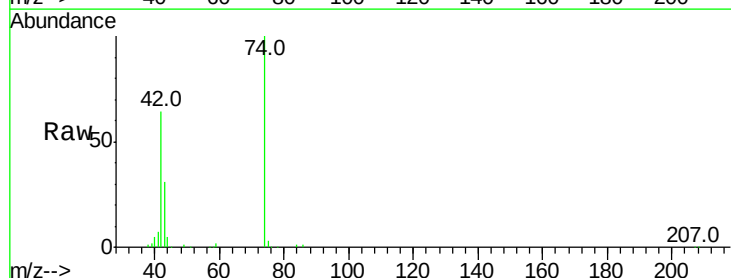
Tgt Ion: 42 Resp: 78270

Ion Ratio Lower Upper

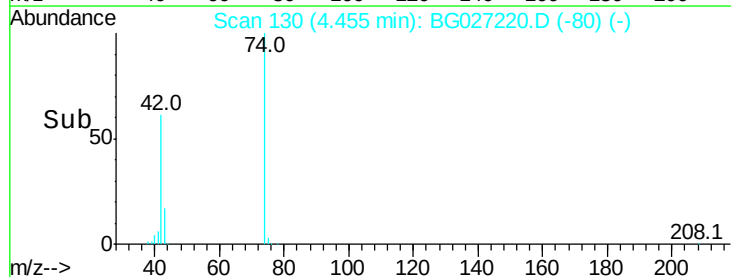
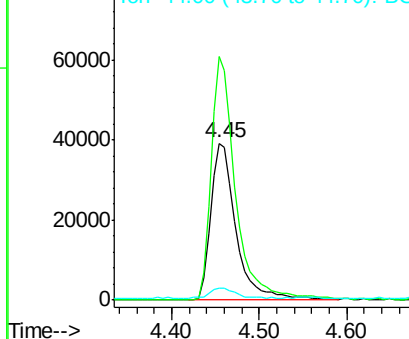
42 100

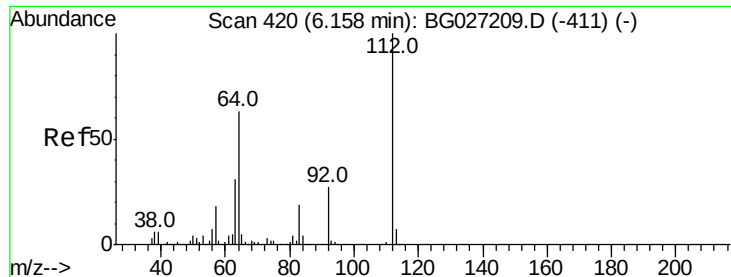
74 155.4 76.7 115.1#

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: 82.27 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

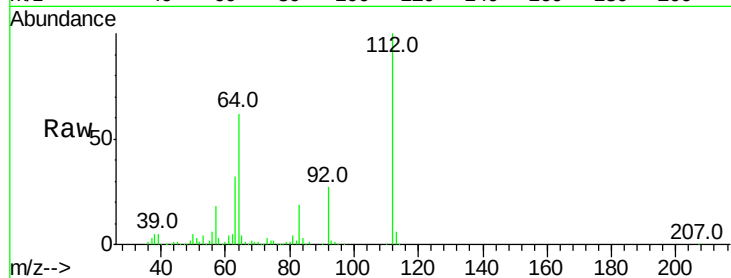
Tot Ion:112 Resp: 332549

Ion Ratio Lower Upper

112 100

64 61.6 61.8 92.6#

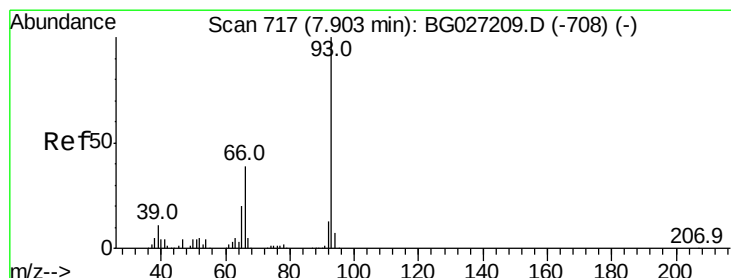
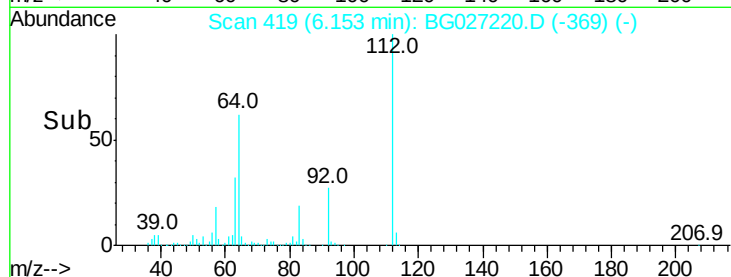
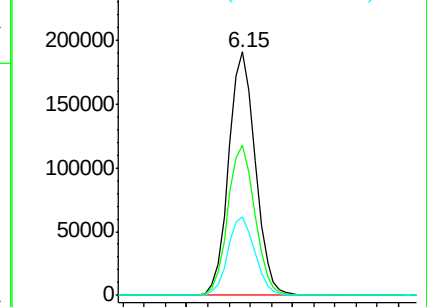
63 32.5 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.37 ng

RT: 7.90 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

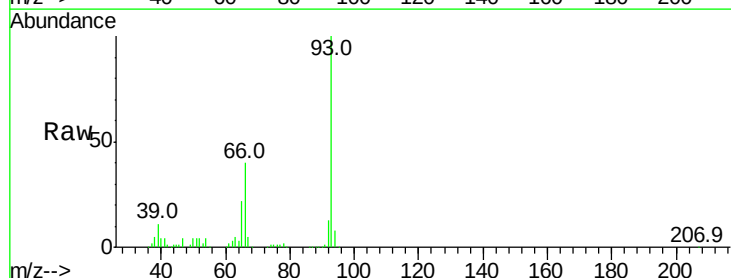
Tgt Ion: 93 Resp: 301640

Ion Ratio Lower Upper

93 100

66 39.6 35.4 53.2

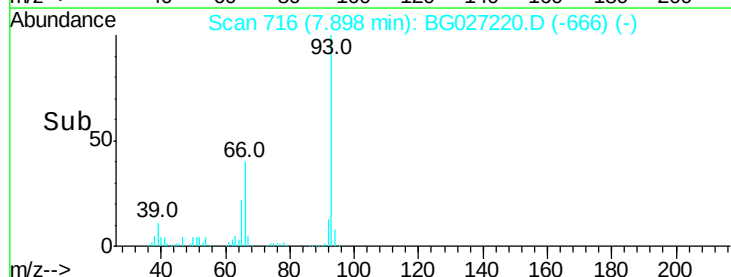
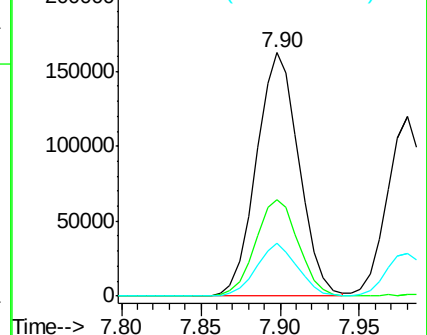
65 21.9 21.2 31.8

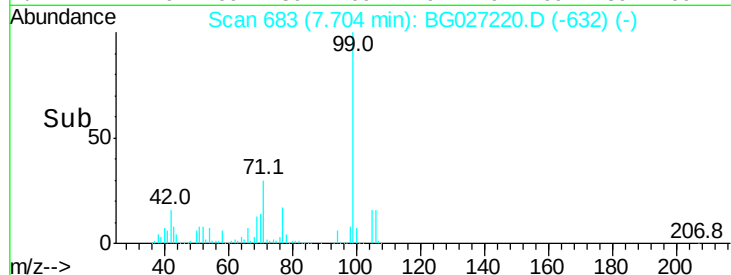
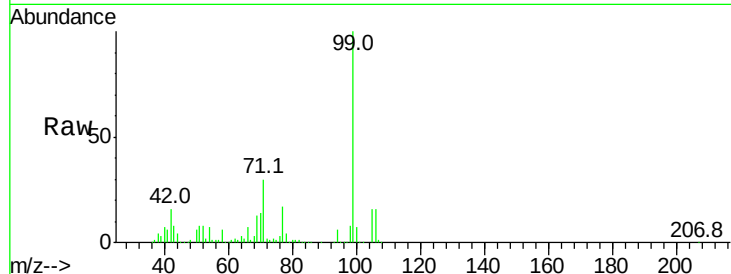
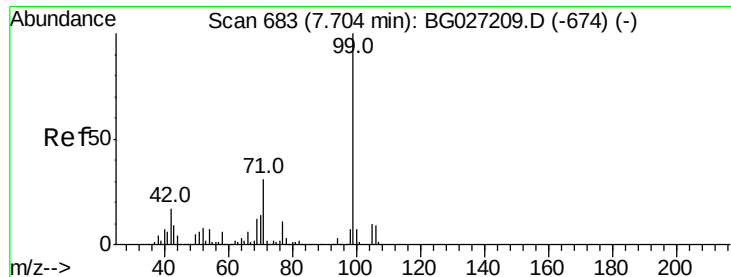


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.23 ng

RT: 7.70 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

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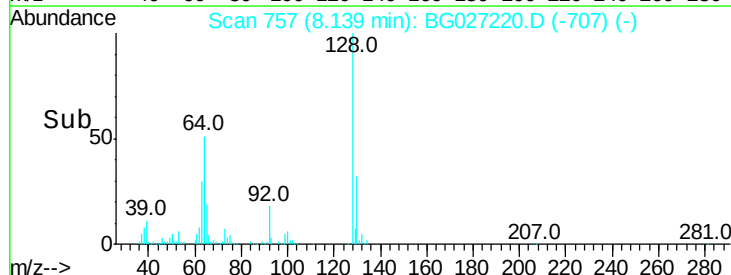
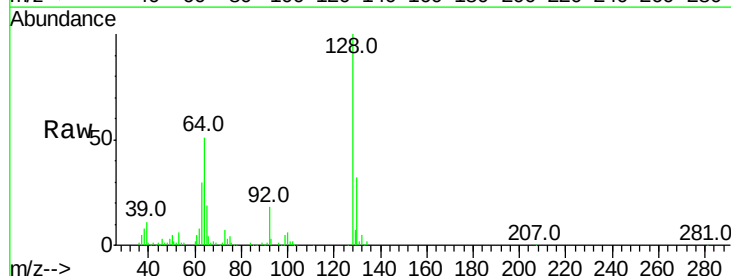
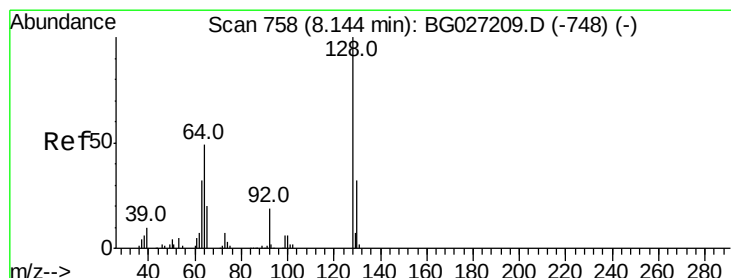
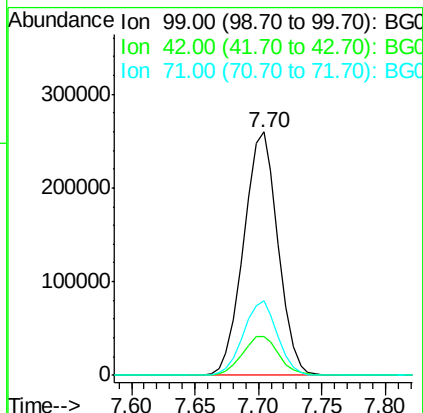
Tot Ion: 99 Resp: 487912

Ion Ratio Lower Upper

99 100

42 16.2 20.5 30.7#

71 30.5 37.6 56.4#



#8

2-Chlorophenol

Concen: 40.92 ng

RT: 8.14 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

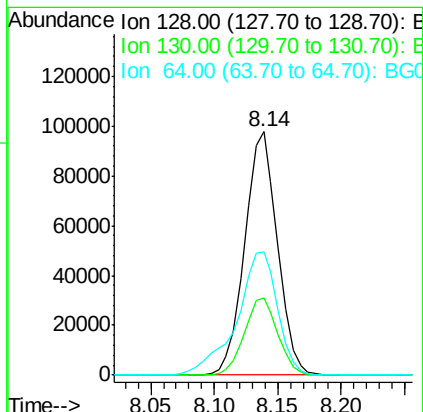
Tgt Ion: 128 Resp: 174674

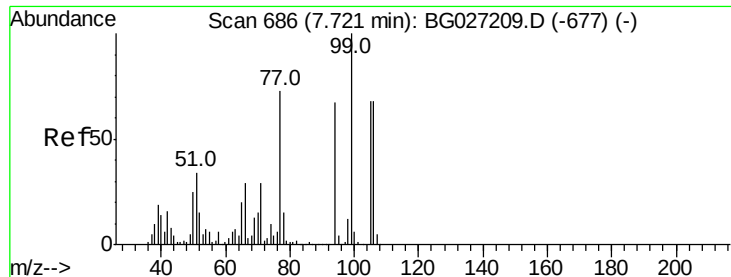
Ion Ratio Lower Upper

128 100

130 31.6 11.4 51.4

64 50.8 46.6 86.6





#9

Benzaldehyde

Concen: 39.91 ng

RT: 7.72 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

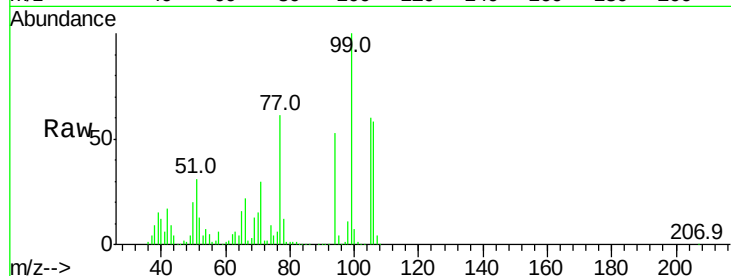
Tot Ion: 77 Resp: 163727

Ion Ratio Lower Upper

77 100

105 96.9 60.9 100.9

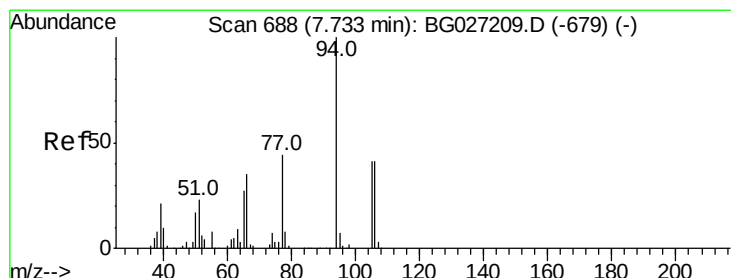
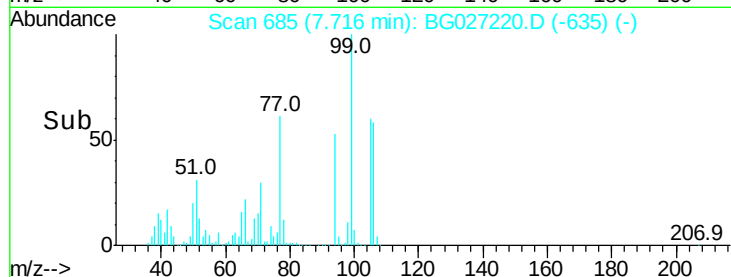
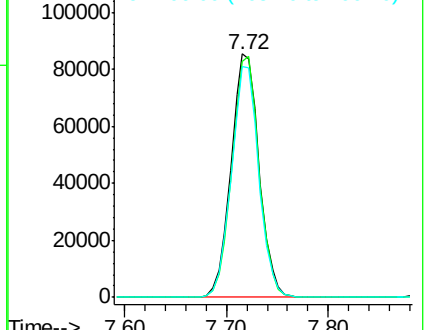
106 94.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.68 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

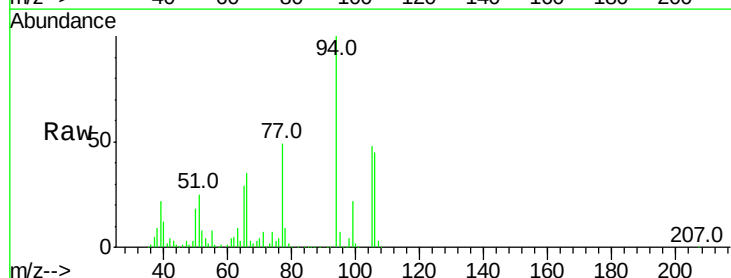
Tgt Ion: 94 Resp: 246856

Ion Ratio Lower Upper

94 100

65 28.6 20.6 60.6

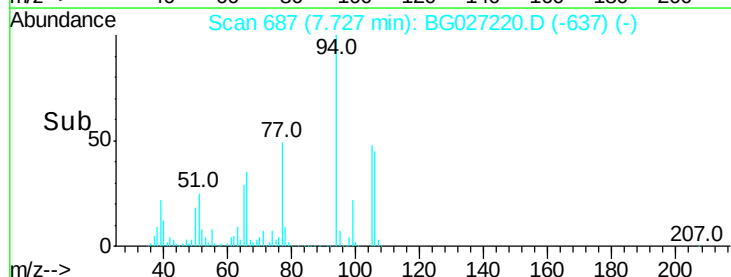
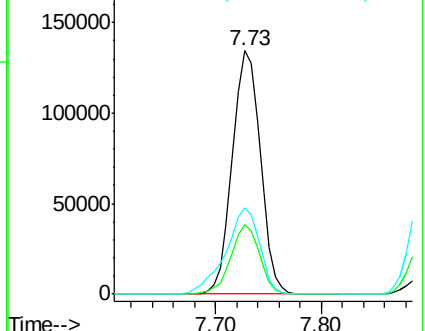
66 35.4 35.5 75.5#

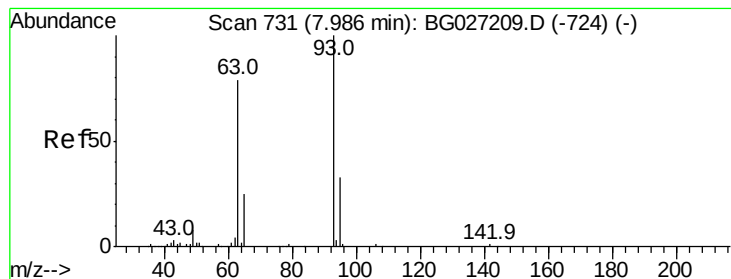


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.39 ng

RT: 7.98 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

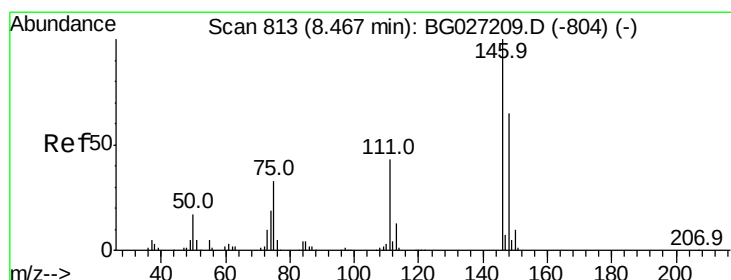
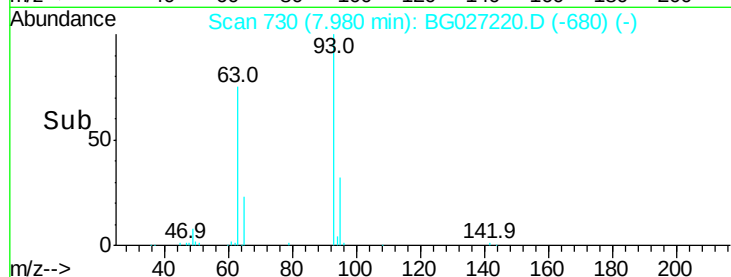
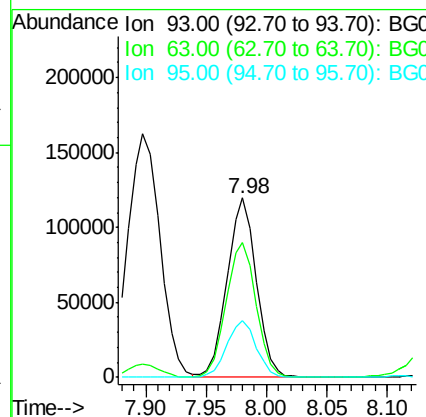
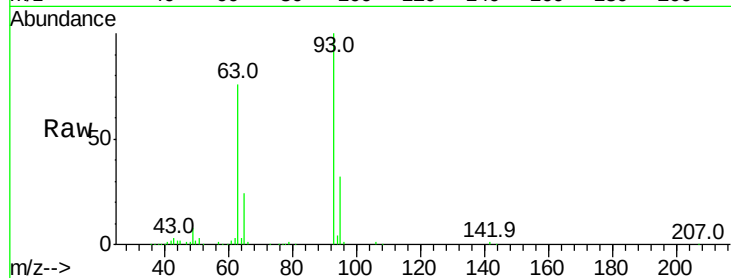
Tot Ion: 93 Resp: 201044

Ion Ratio Lower Upper

93 100

63 75.6 78.5 118.5#

95 31.6 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 40.32 ng

RT: 8.47 min Scan# 813

Delta R.T. 0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

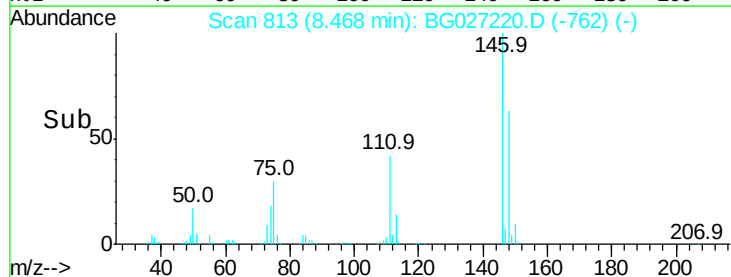
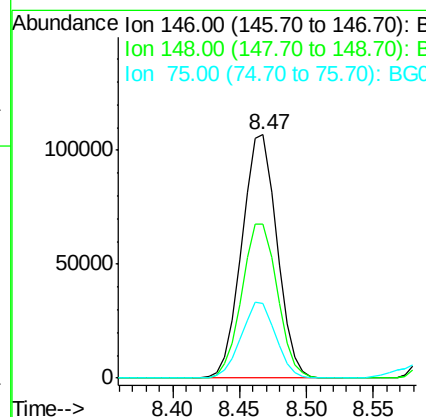
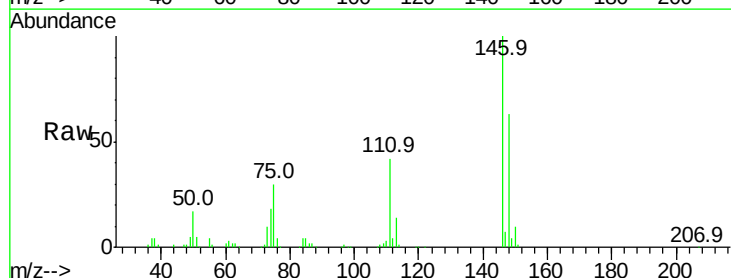
Tgt Ion: 146 Resp: 194127

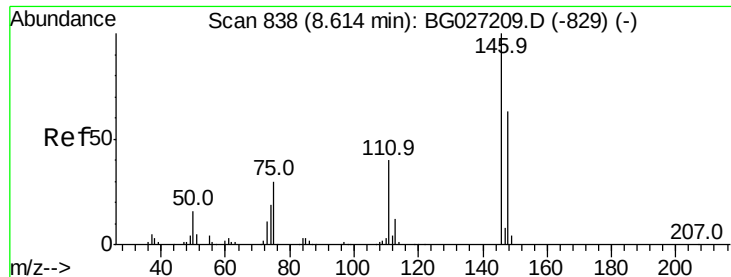
Ion Ratio Lower Upper

146 100

148 63.3 49.2 73.8

75 30.4 33.4 50.2#

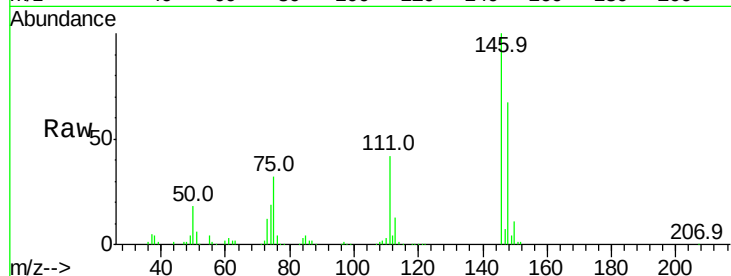




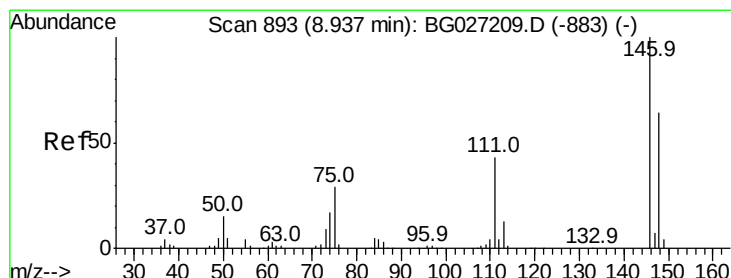
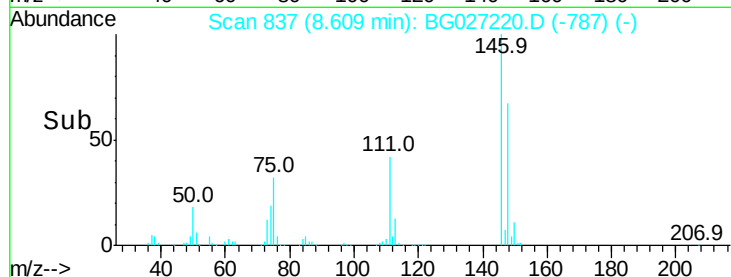
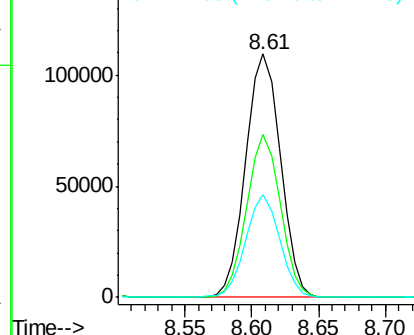
#13
1,4-Dichlorobenzene
Concen: 40.05 ng
RT: 8.61 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampled :

Tot Ion:146 Resp: 197909
Ion Ratio Lower Upper
146 100
148 67.1 52.2 78.2
111 42.3 37.0 55.6

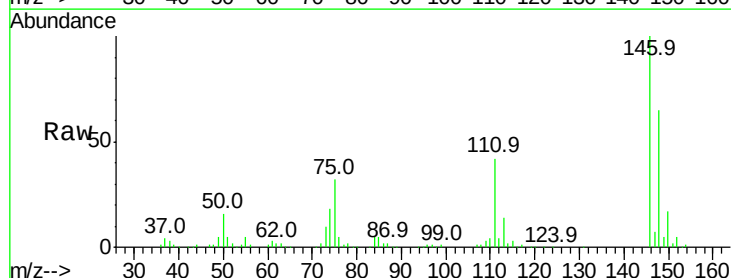


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

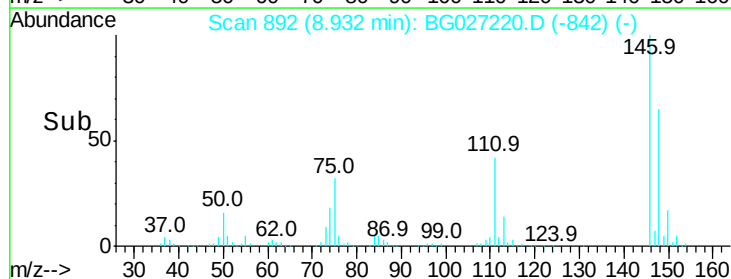
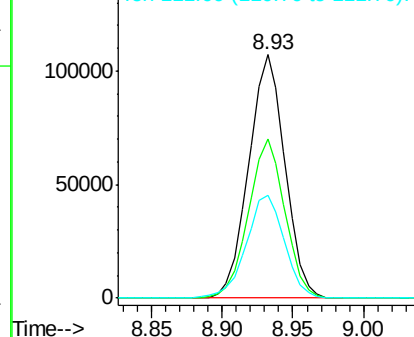


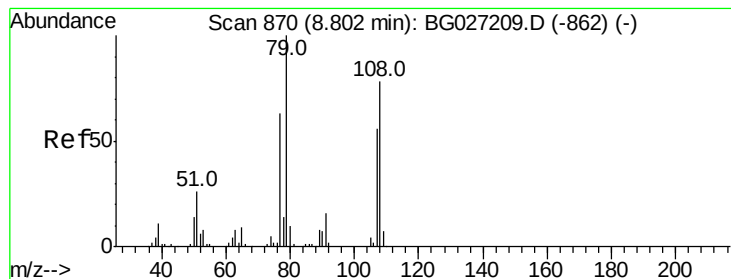
#14
1,2-Dichlorobenzene
Concen: 39.99 ng
RT: 8.93 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:146 Resp: 192730
Ion Ratio Lower Upper
146 100
148 65.2 54.6 81.8
111 42.4 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: 41.27 ng

RT: 8.80 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

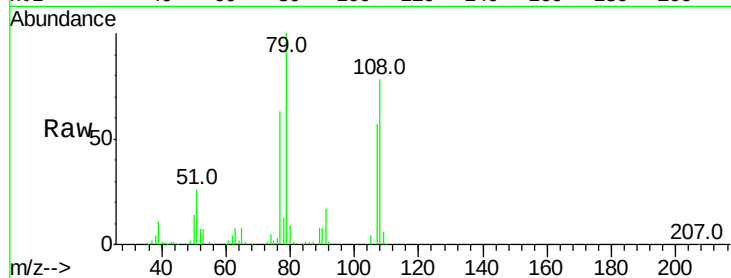
Tot Ion: 79 Resp: 172527

Ion Ratio Lower Upper

79 100

108 78.3 45.5 68.3#

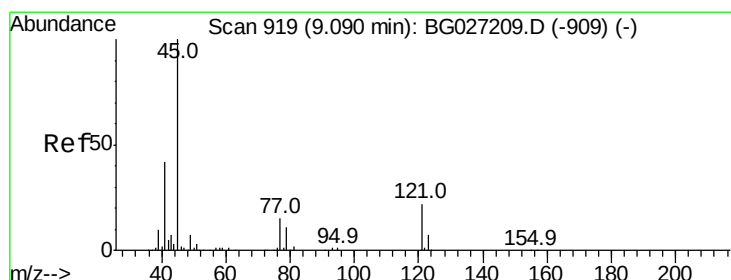
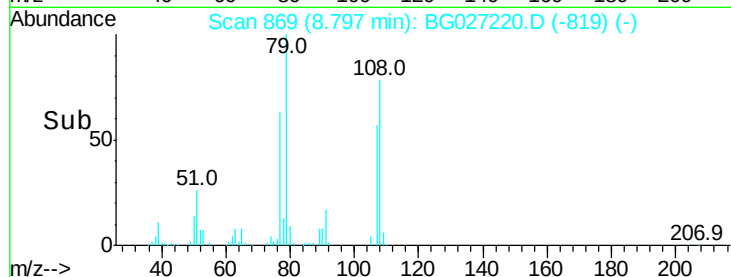
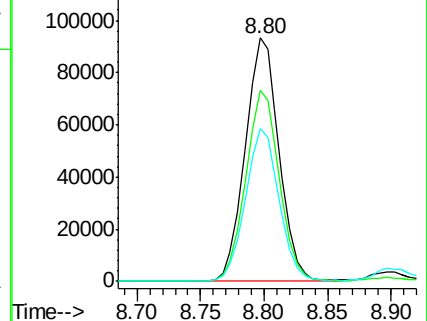
77 62.9 54.3 81.5



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: 39.02 ng

RT: 9.08 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

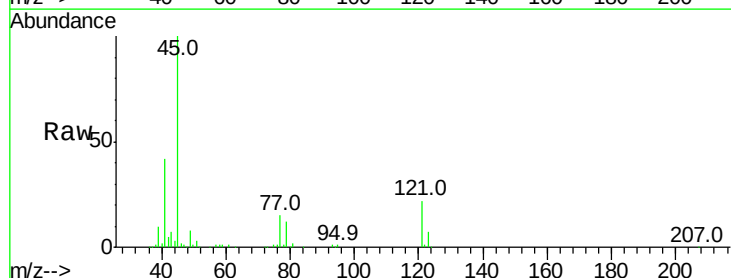
Tgt Ion: 45 Resp: 277957

Ion Ratio Lower Upper

45 100

77 14.8 0.0 30.6

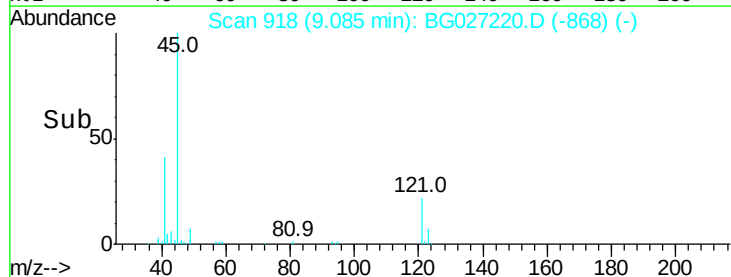
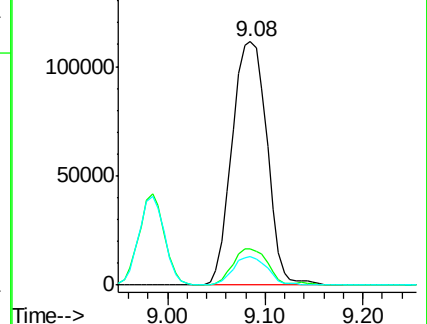
79 11.5 0.0 28.5

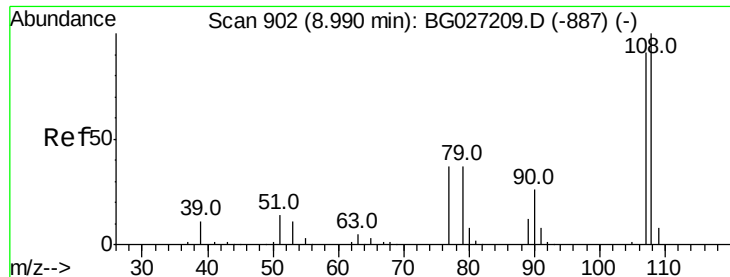


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.67 ng

RT: 8.98 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 174471

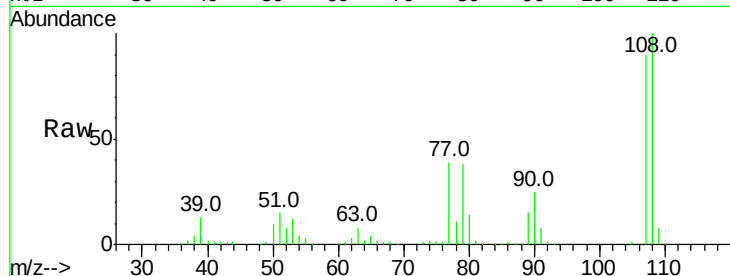
Ion Ratio Lower Upper

107 100

108 111.1 85.6 128.4

77 43.8 51.4 77.2#

79 42.2 49.2 73.8#

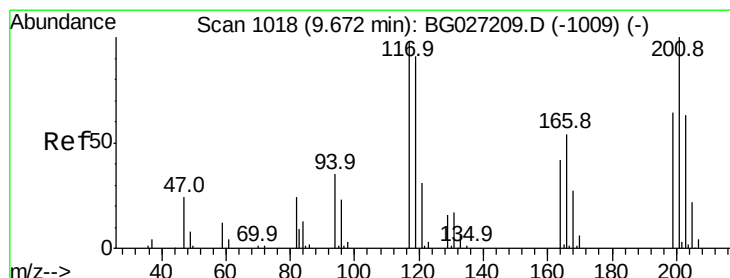
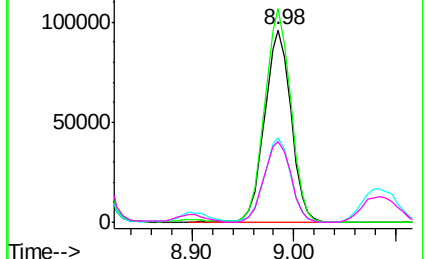
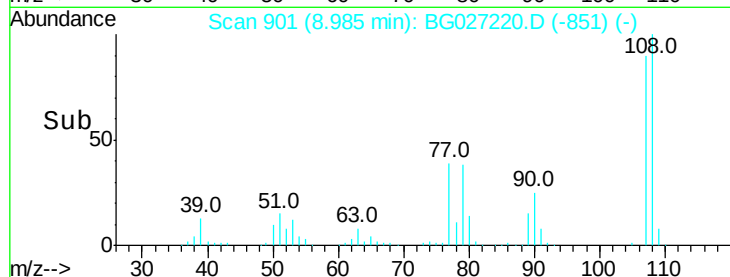


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 41.54 ng

RT: 9.67 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

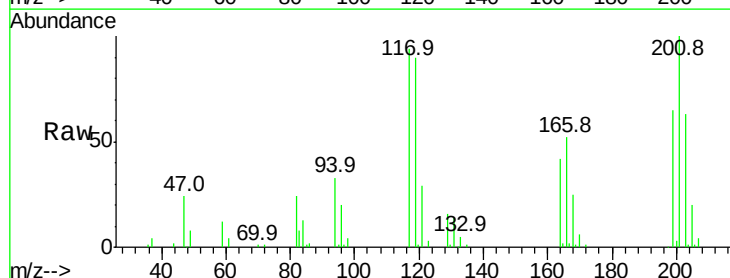
Tgt Ion:117 Resp: 69141

Ion Ratio Lower Upper

117 100

119 95.0 69.8 104.6

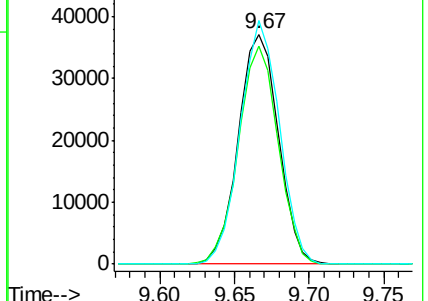
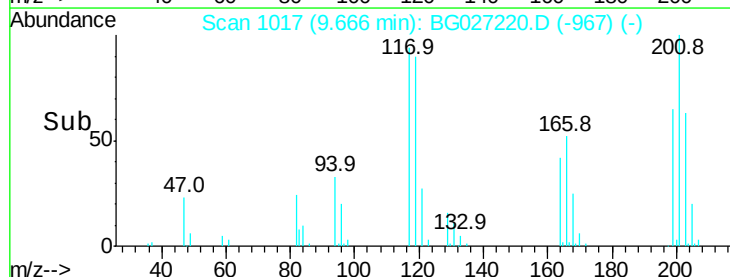
201 105.9 95.4 143.0

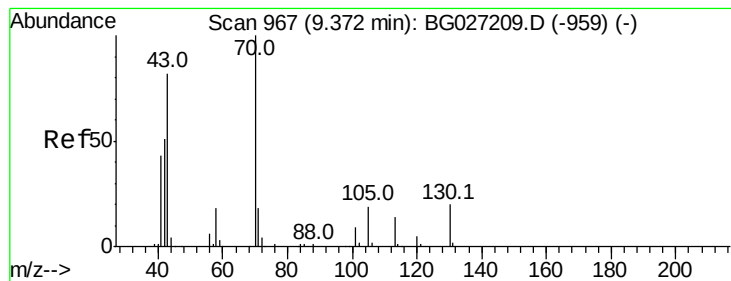


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.72 ng

RT: 9.37 min Scan# 967

Delta R.T. 0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 164868

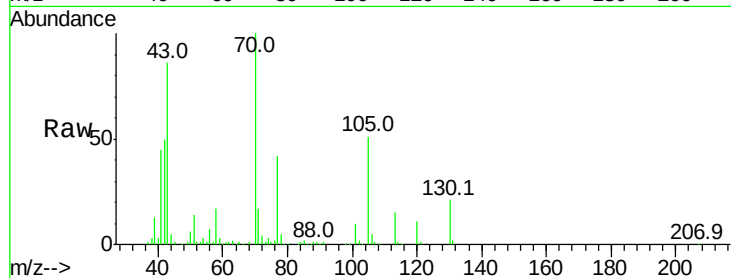
Ion Ratio Lower Upper

70 100

42 50.4 56.1 84.1#

101 9.5 7.5 11.3

130 20.6 14.6 21.8

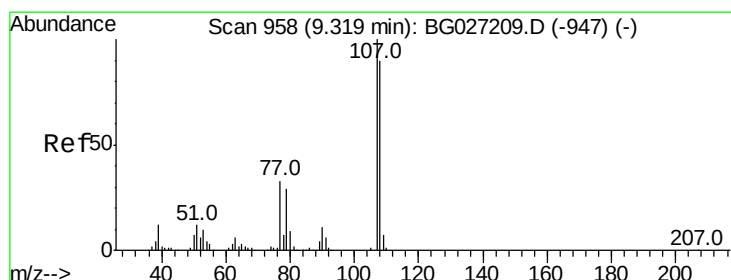
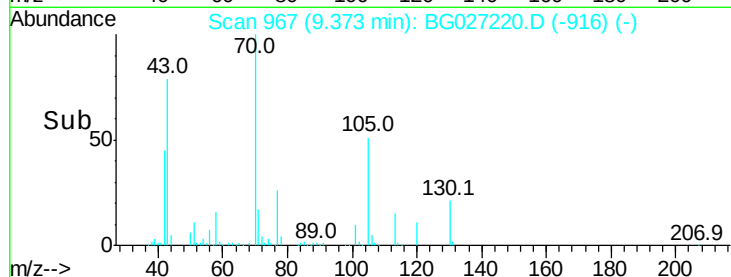
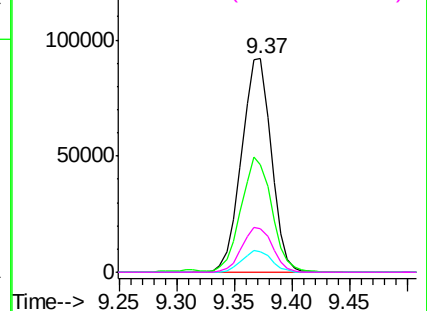


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 40.81 ng

RT: 9.31 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Tgt Ion: 107 Resp: 242476

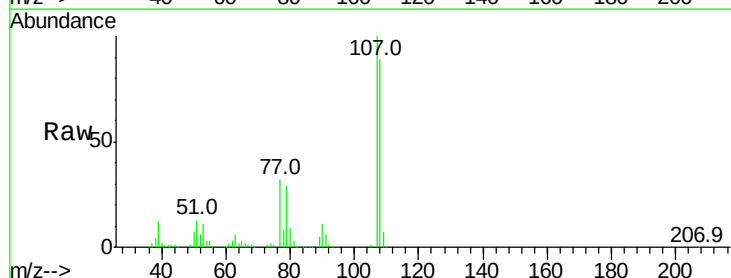
Ion Ratio Lower Upper

107 100

108 88.6 70.8 110.8

77 32.1 25.8 65.8

79 28.8 20.1 60.1

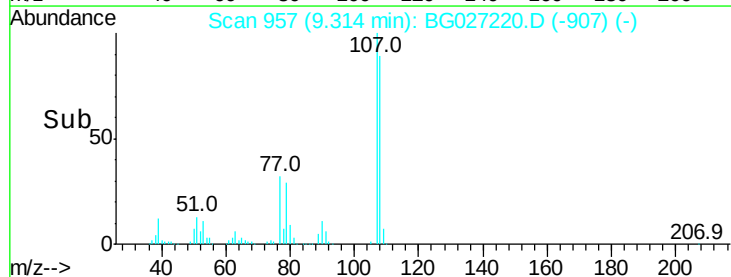
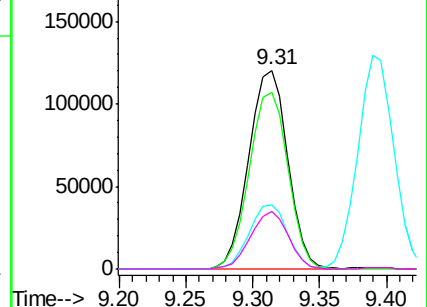


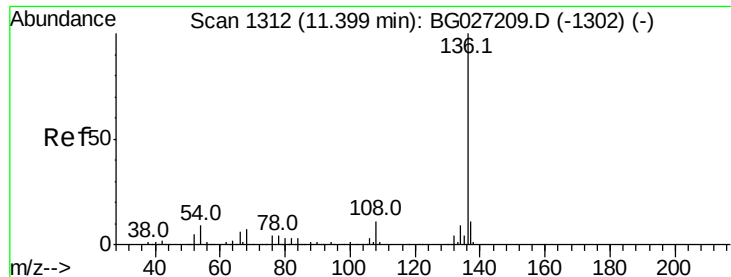
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

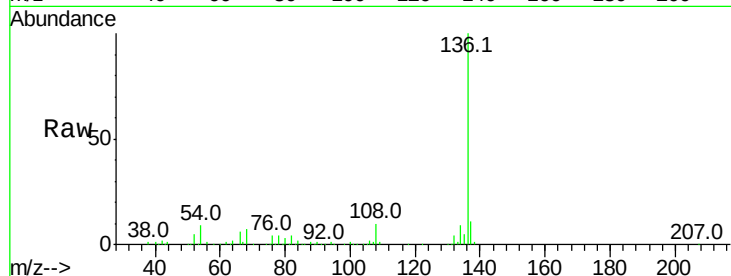




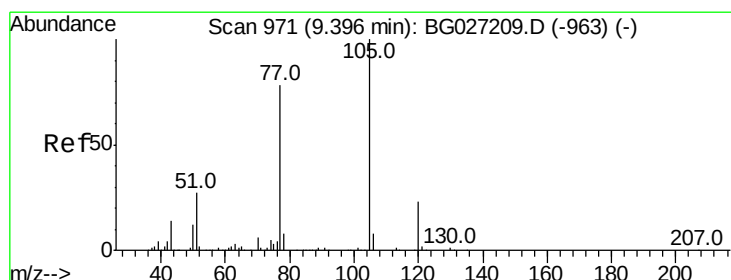
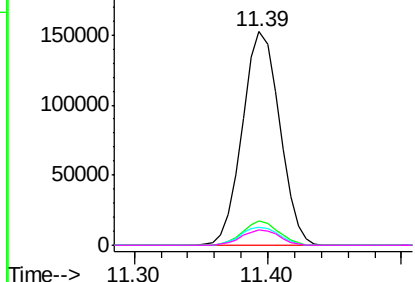
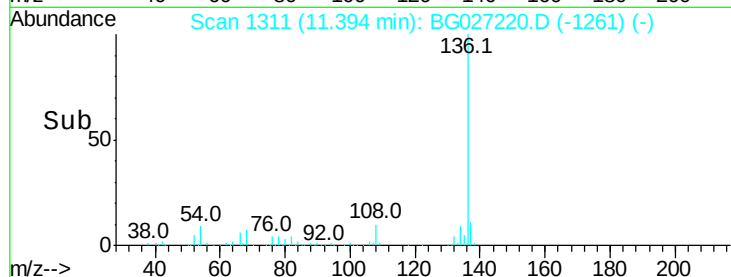
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	294657
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	9.3	13.9#
68	7.2	5.1	7.7

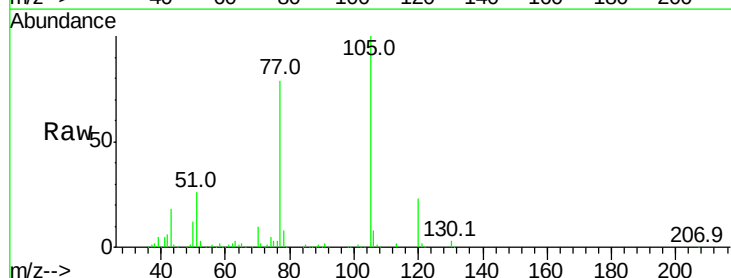


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

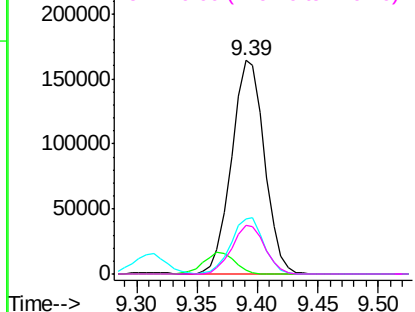
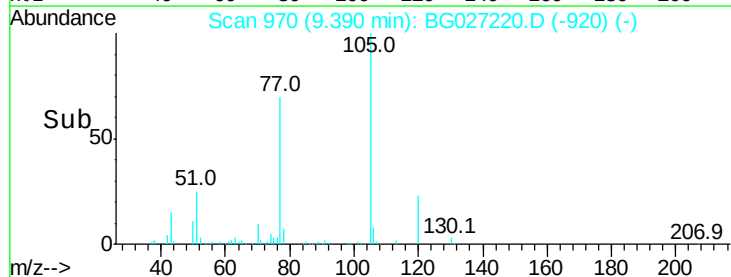


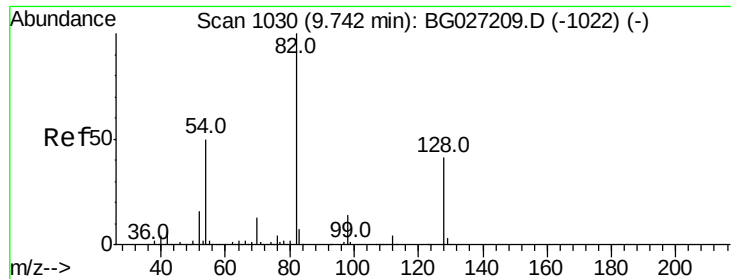
#22
Acetophenone
Concen: 41.26 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:	105	Resp:	310874
Ion	Ratio	Lower	Upper
105	100		
71	1.8	0.9	1.3#
51	26.0	34.0	51.0#
120	23.0	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

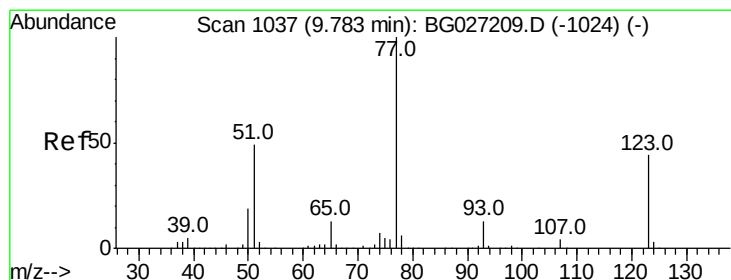
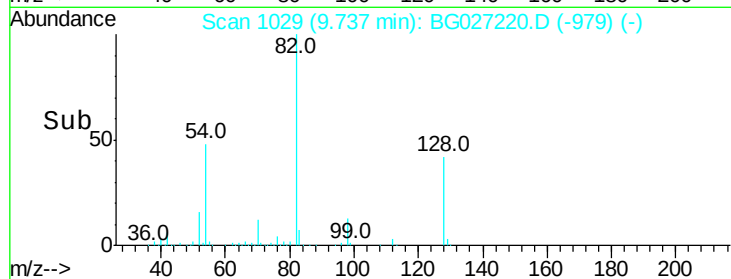
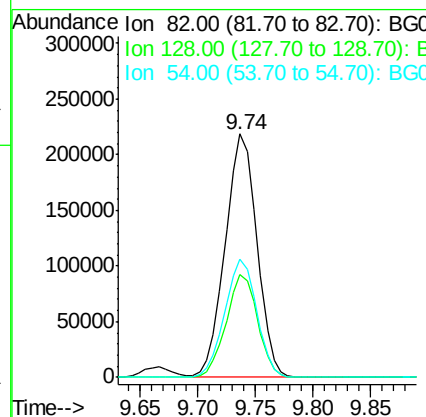
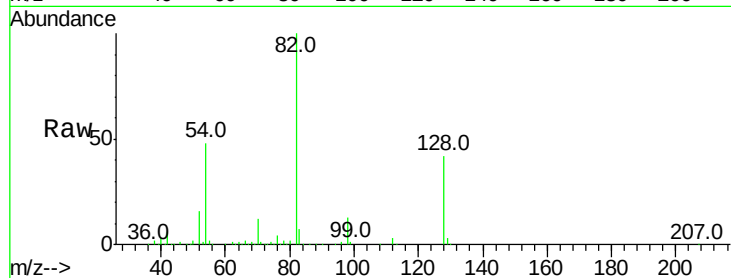




#23
 Nitrobenzene-d5
 Concen: 88.97 ng
 RT: 9.74 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

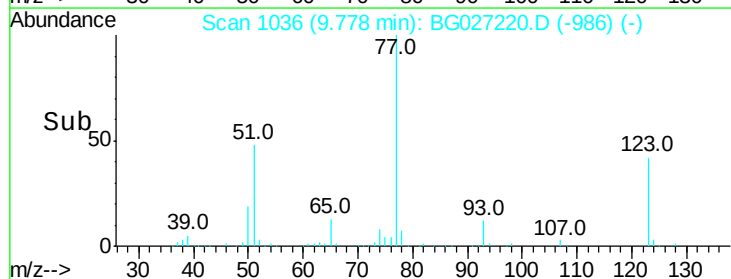
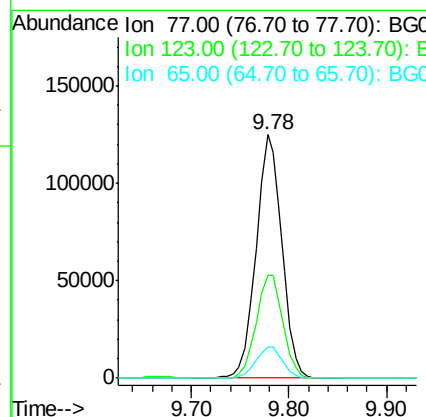
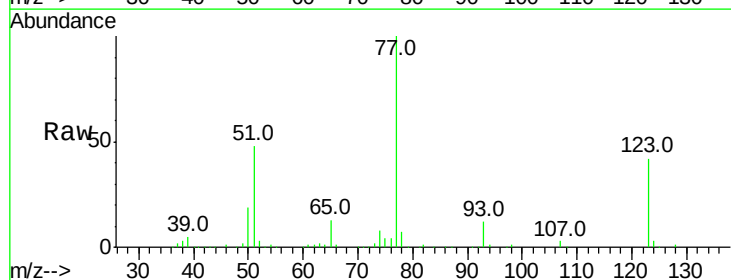
Instrument :
 BNA_G
 ClientSampled :

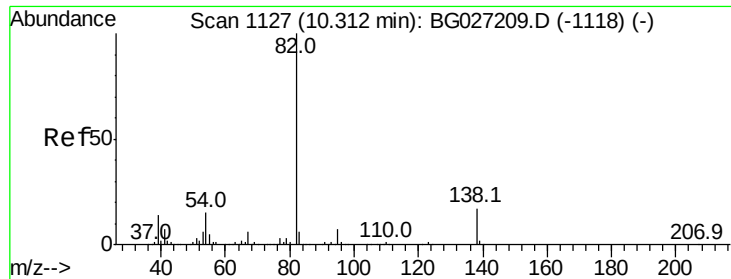
Tot Ion: 82 Resp: 416872
 Ion Ratio Lower Upper
 82 100
 128 42.4 26.4 39.6#
 54 48.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 43.38 ng
 RT: 9.78 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion: 77 Resp: 231561
 Ion Ratio Lower Upper
 77 100
 123 42.0 26.1 39.1#
 65 12.6 12.4 18.6





#25

Isophorone

Concen: 40.49 ng

RT: 10.31 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

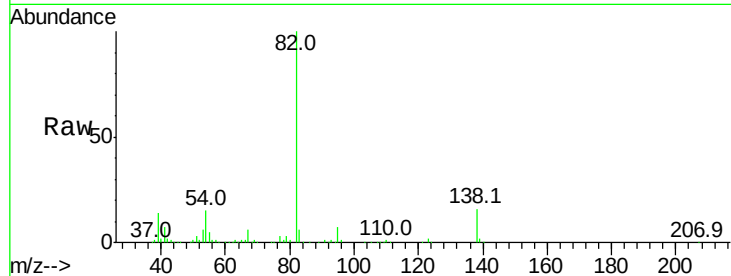
Tot Ion: 82 Resp: 446106

Ion Ratio Lower Upper

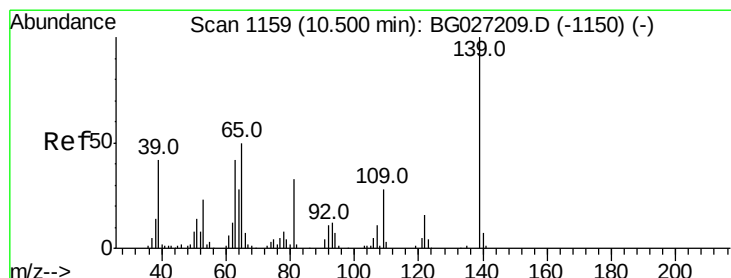
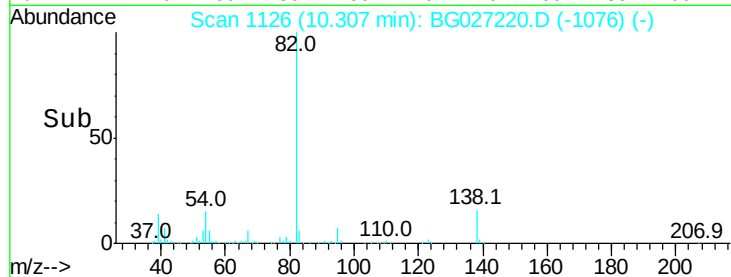
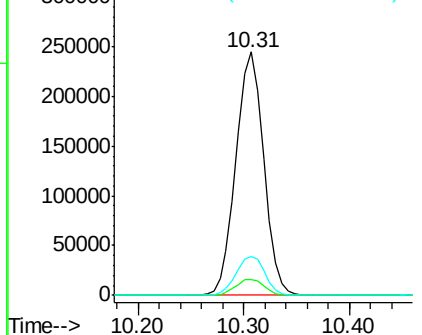
82 100

95 6.6 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: 43.97 ng

RT: 10.49 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

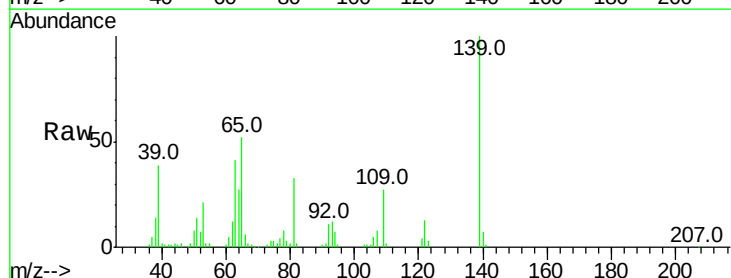
Tgt Ion: 139 Resp: 95188

Ion Ratio Lower Upper

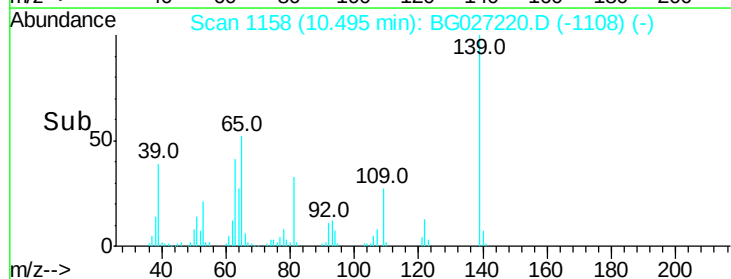
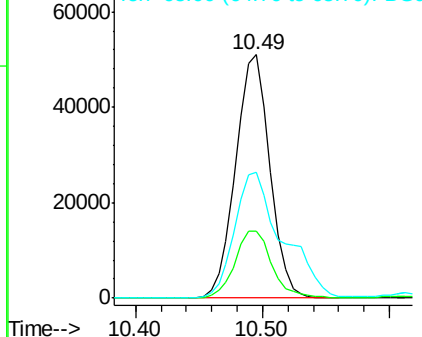
139 100

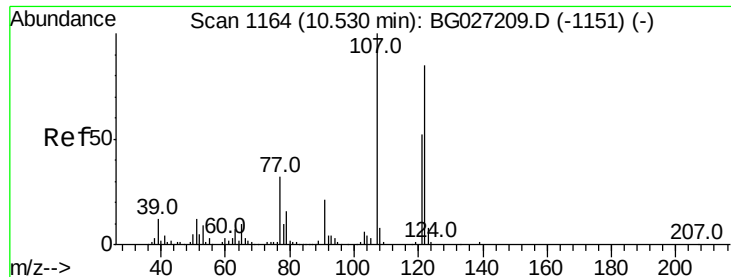
109 27.5 38.6 58.0#

65 51.5 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

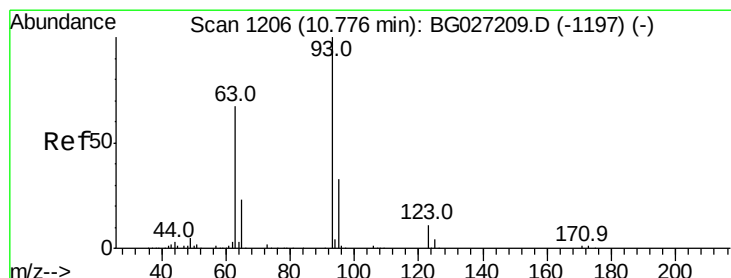
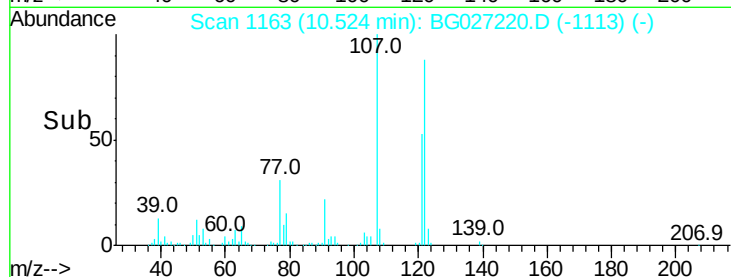
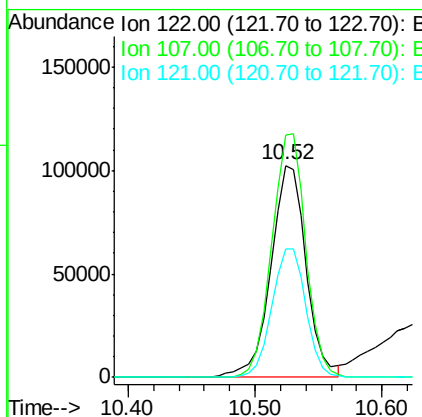
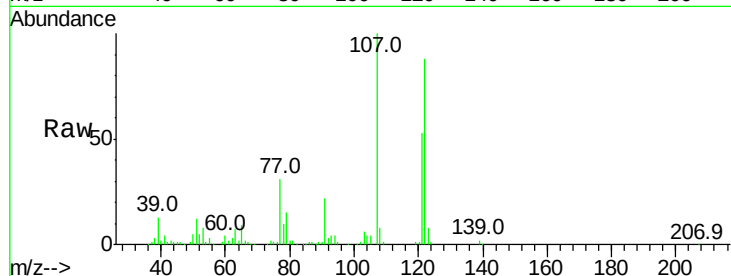




#27
 2,4-Dimethylphenol
 Concen: 41.86 ng
 RT: 10.52 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

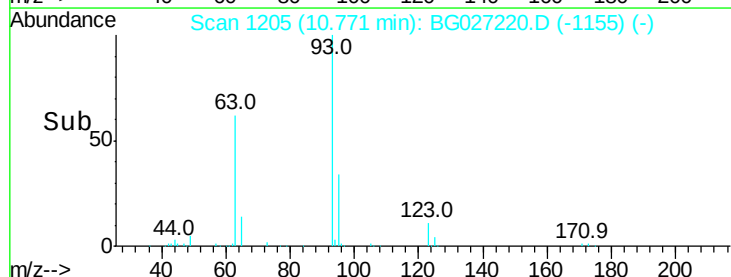
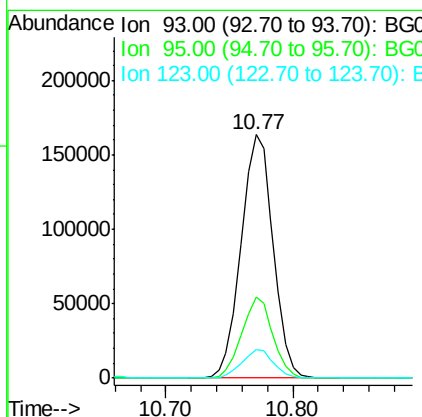
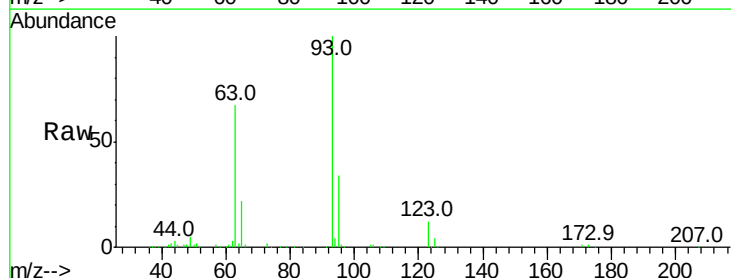
Instrument :
 BNA_G
 ClientSampleId :

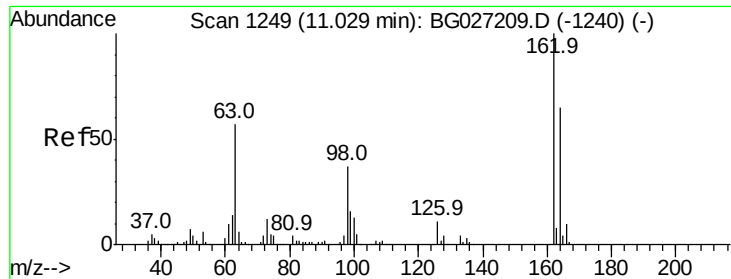
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	104.2	156.4
121	60.4	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.18 ng
 RT: 10.77 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.7	38.5
123	11.6	8.3	12.5

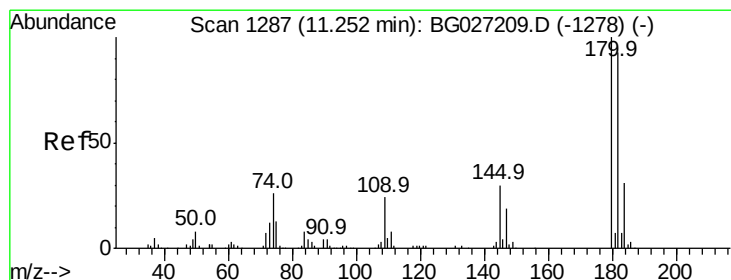
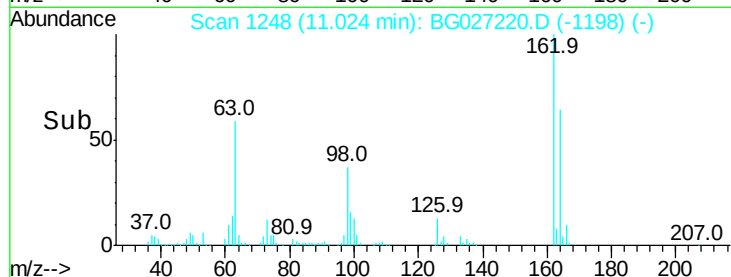
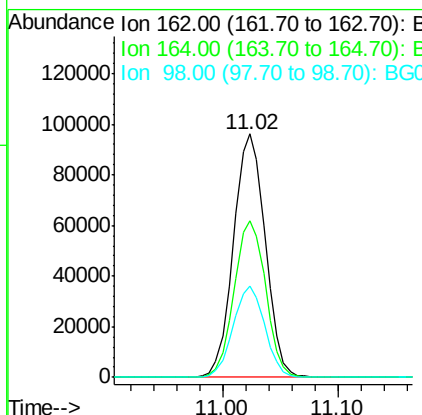
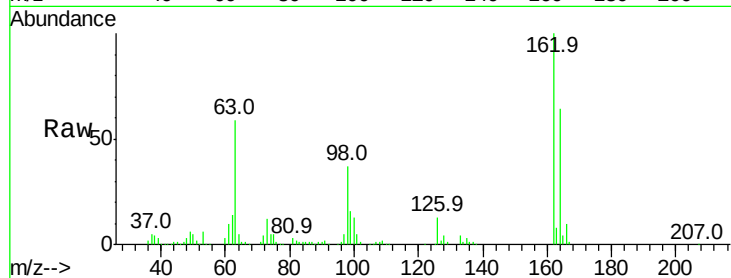




#29
 2,4-Dichlorophenol
 Concen: 42.21 ng
 RT: 11.02 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

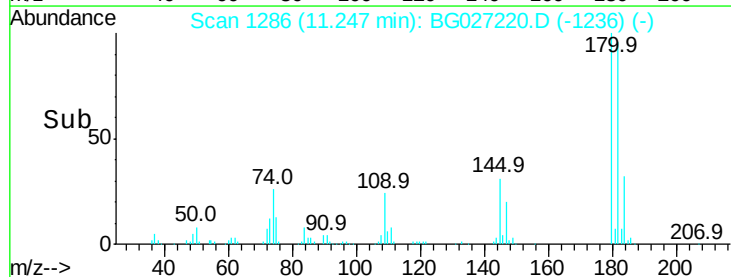
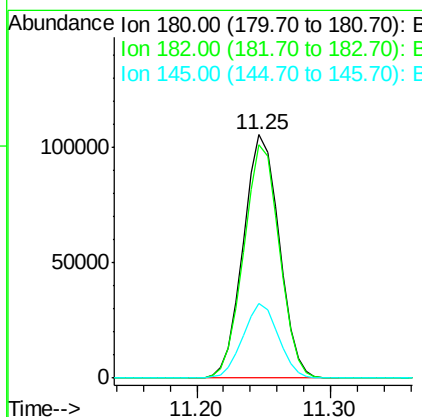
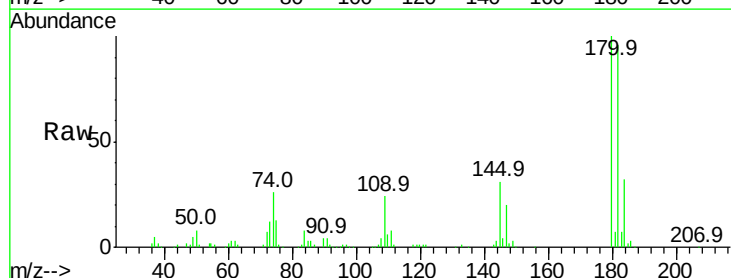
Instrument :
 BNA_G
 ClientSampleId :

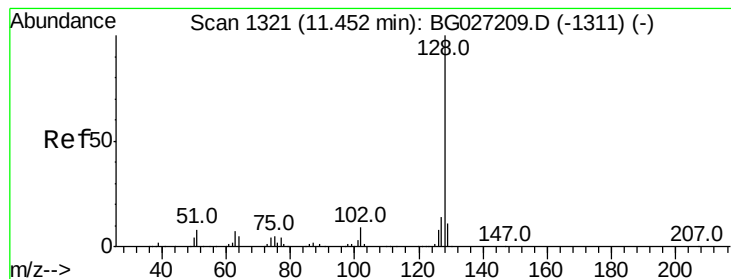
Tot Ion:162 Resp: 182512
 Ion Ratio Lower Upper
 162 100
 164 64.2 42.4 82.4
 98 37.2 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.90 ng
 RT: 11.25 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion:180 Resp: 195822
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.0 115.4
 145 30.6 23.4 35.0





#31

Naphthalene

Concen: 40.13 ng

RT: 11.45 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

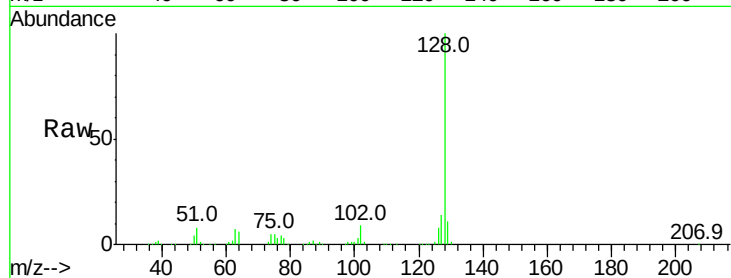
Tot Ion:128 Resp: 646236

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

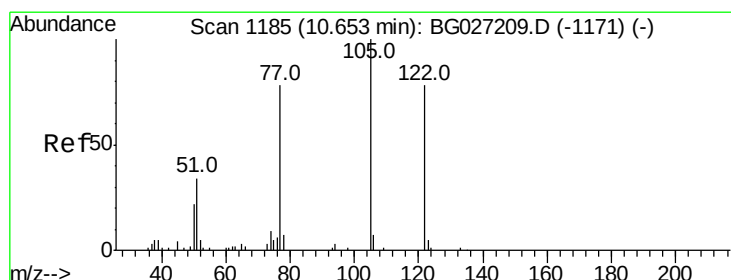
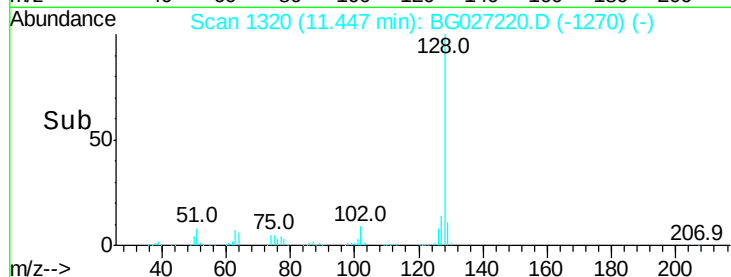
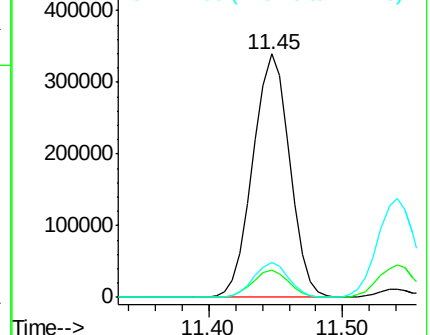
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.78 ng

RT: 10.65 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

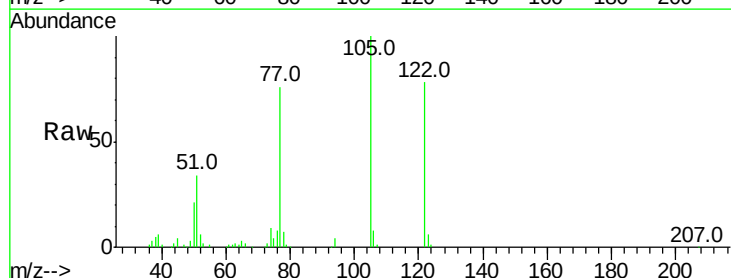
Tgt Ion:122 Resp: 128866

Ion Ratio Lower Upper

122 100

105 127.8 120.1 160.1

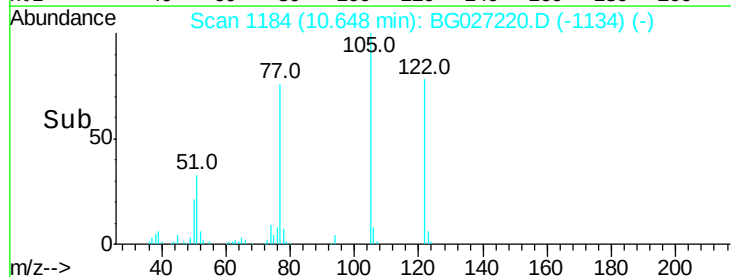
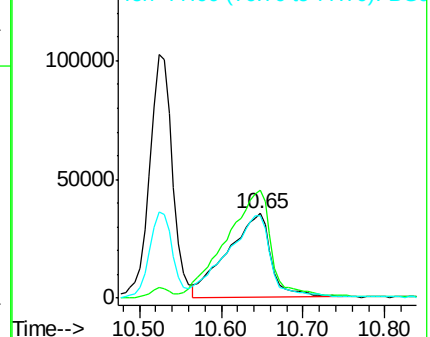
77 97.3 104.6 144.6#

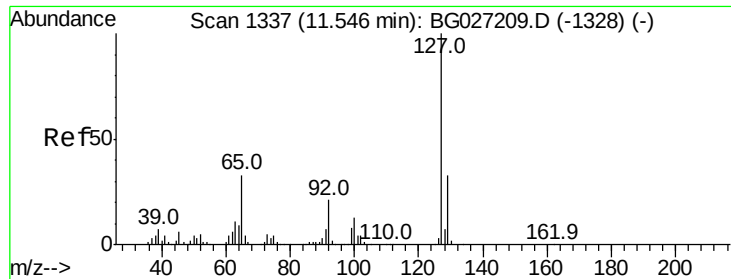


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

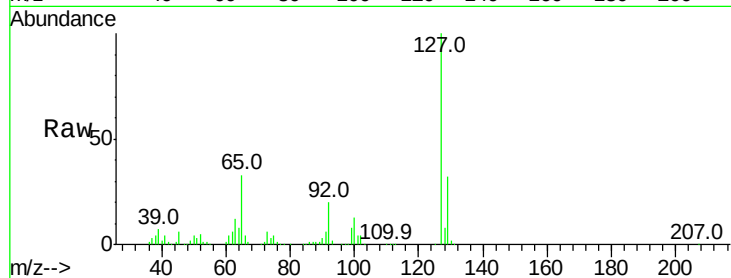




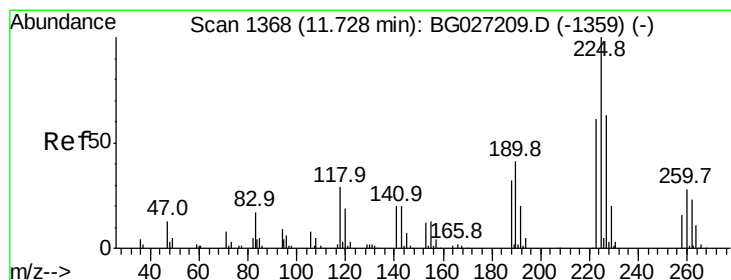
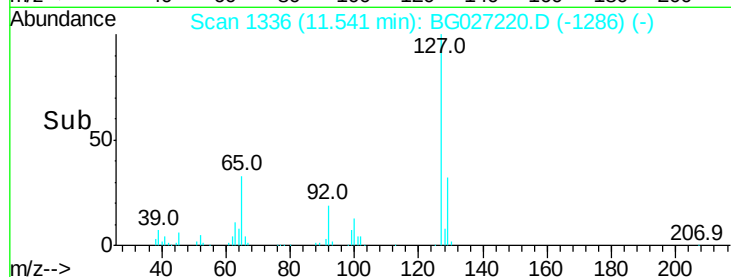
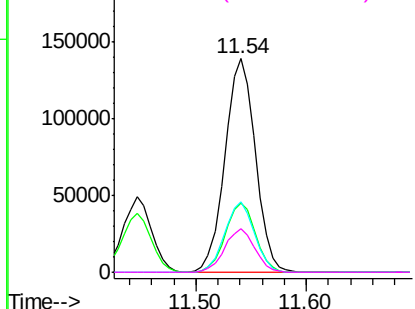
#33
4-Chloroaniline
Concen: 39.76 ng
RT: 11.54 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	266798
Ion	Ratio	Lower	Upper
127	100		
129	32.4	23.6	35.4
65	32.7	37.7	56.5#
92	20.3	17.6	26.4

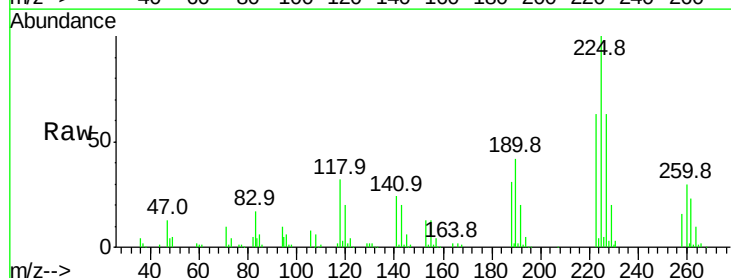


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

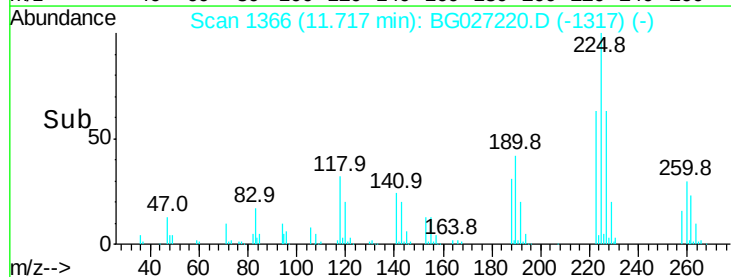
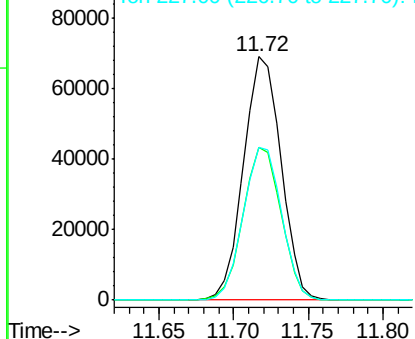


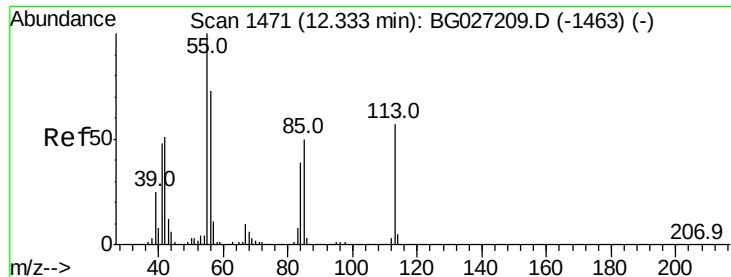
#34
Hexachlorobutadiene
Concen: 41.00 ng
RT: 11.72 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:	225	Resp:	120656
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.7	76.1
227	62.5	49.0	73.6



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

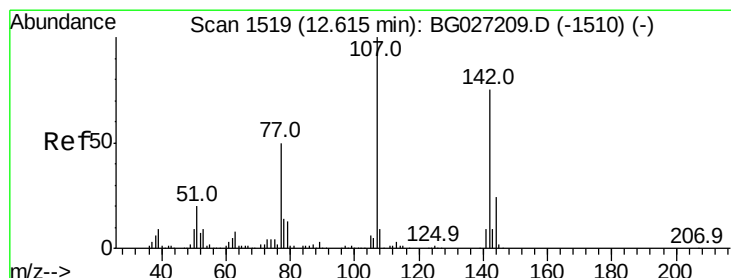
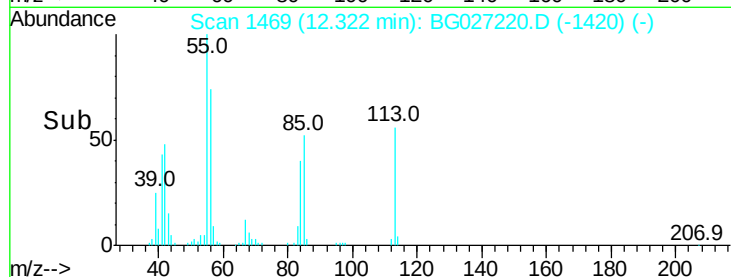
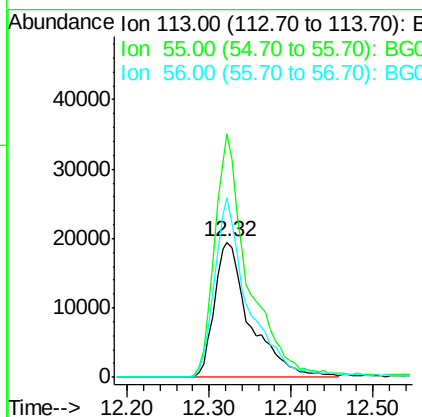
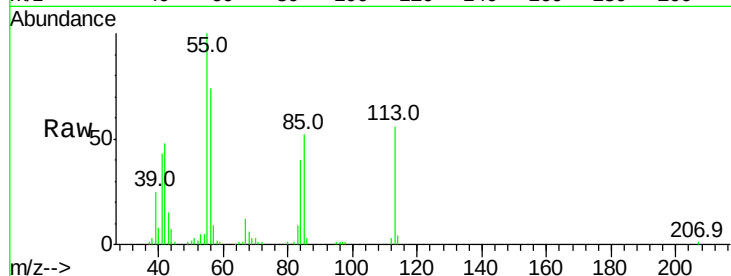




#35
Caprolactam
Concen: 39.88 ng
RT: 12.32 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

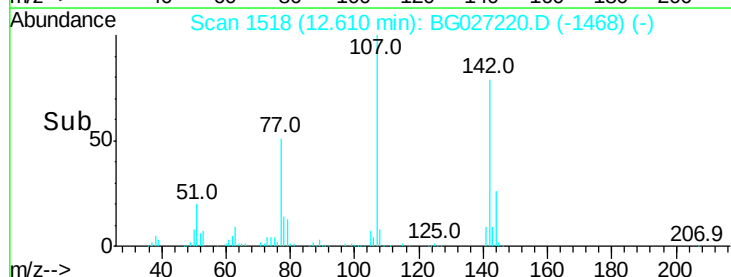
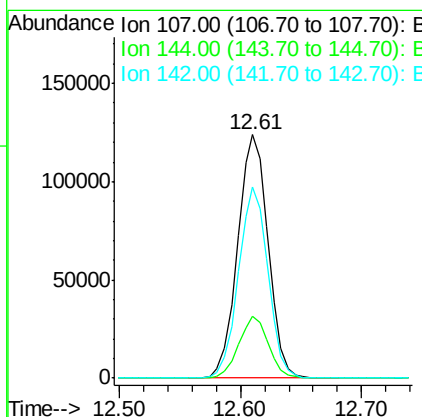
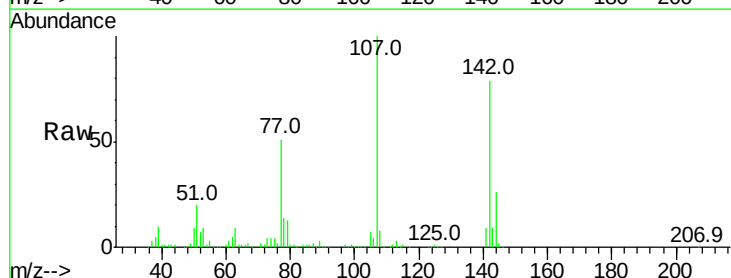
Instrument :
BNA_G
ClientSampleId :

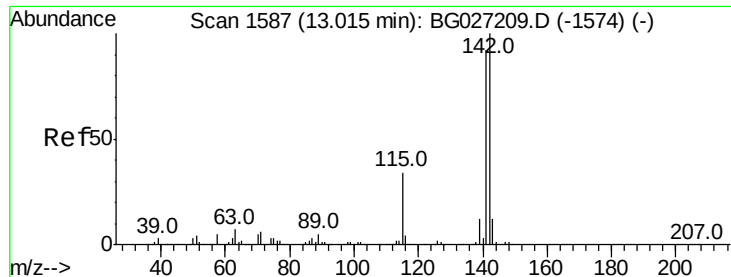
Tot Ion:113 Resp: 59147
Ion Ratio Lower Upper
113 100
55 179.8 198.6 238.6#
56 132.3 140.4 180.4#



#36
4-Chloro-3-methylphenol
Concen: 40.13 ng
RT: 12.61 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:107 Resp: 217529
Ion Ratio Lower Upper
107 100
144 25.5 17.4 26.0
142 78.7 54.1 81.1

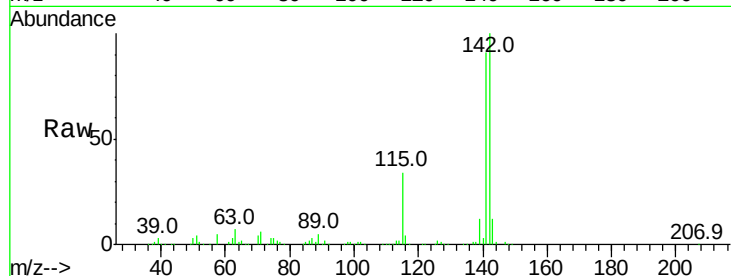




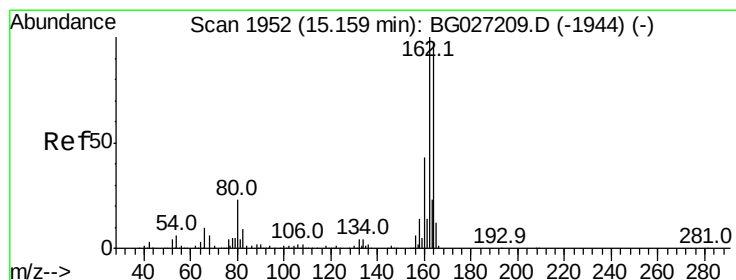
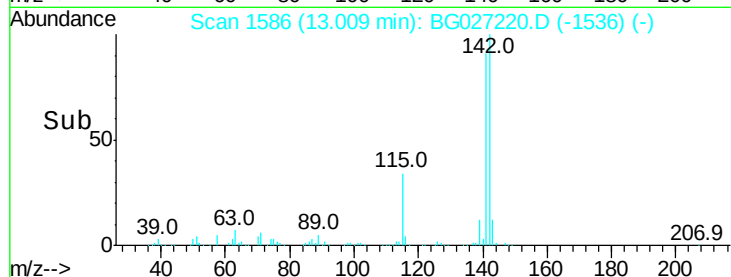
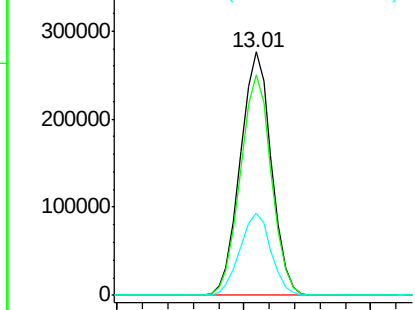
#37
2-Methylnaphthalene
Concen: 39.98 ng
RT: 13.01 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 469621
Ion Ratio Lower Upper
142 100
141 90.8 70.4 105.6
115 33.7 35.5 53.3#

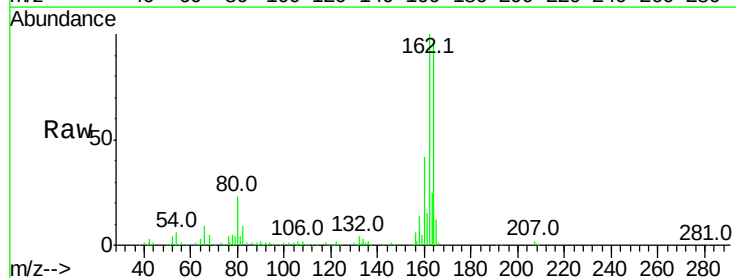


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

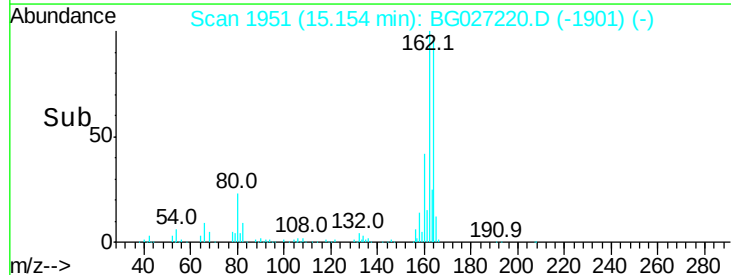
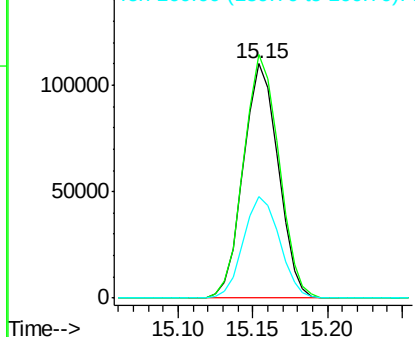


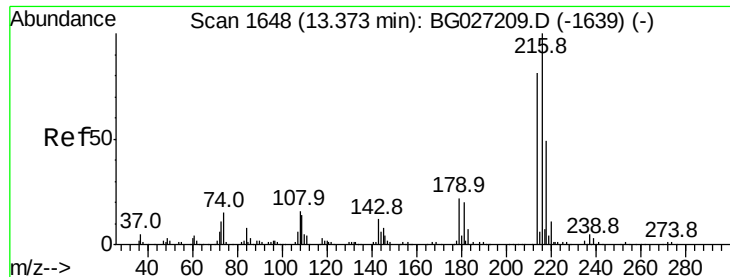
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.15 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:164 Resp: 178384
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 43.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.48 ng

RT: 13.36 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 236081

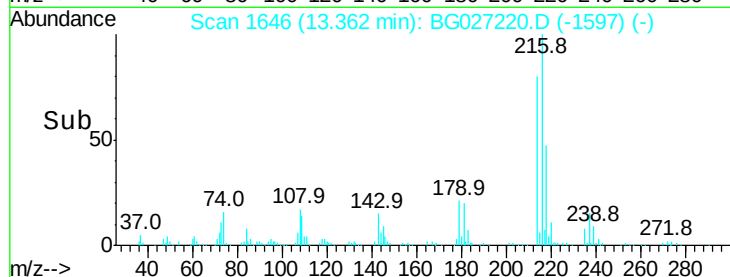
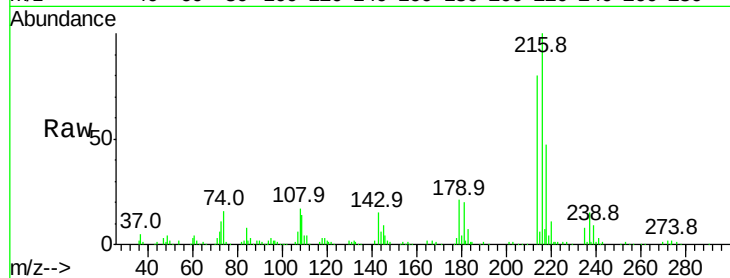
Ion Ratio Lower Upper

216 100

214 79.2 64.4 96.6

179 21.1 17.4 26.0

108 17.8 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-->

13.36

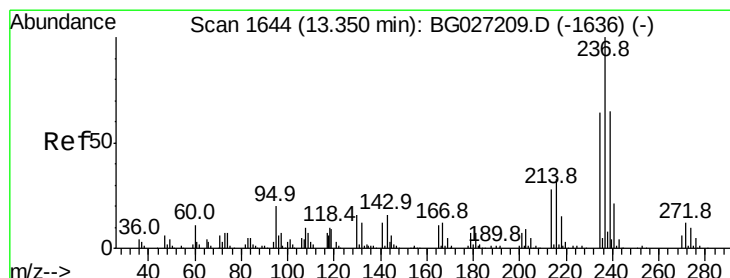
150000

100000

50000

0

13.30 13.35 13.40 13.45



#40

Hexachlorocyclopentadiene

Concen: 43.32 ng

RT: 13.34 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

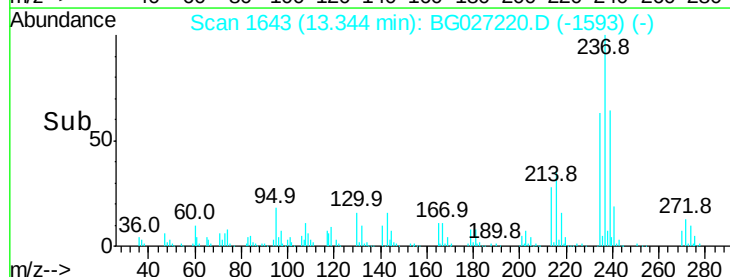
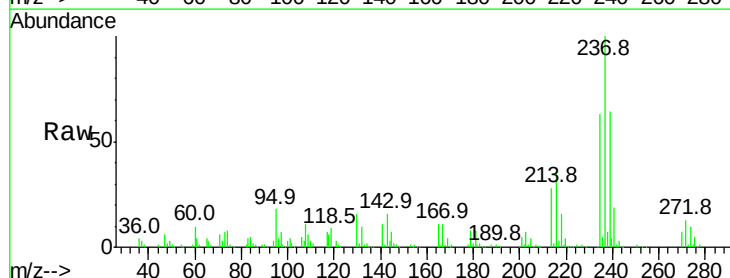
Tgt Ion:237 Resp: 128136

Ion Ratio Lower Upper

237 100

235 62.9 39.4 79.4

272 12.7 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-->

13.34

100000

80000

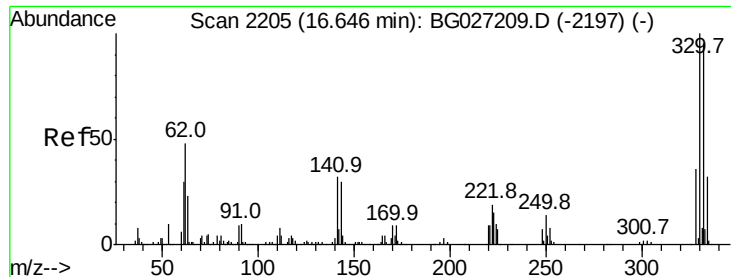
60000

40000

20000

0

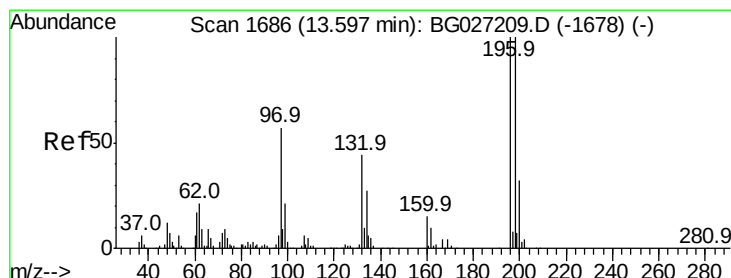
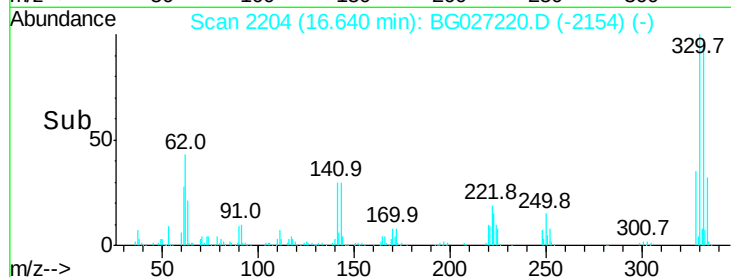
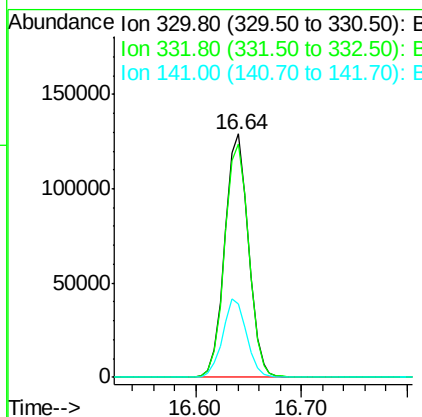
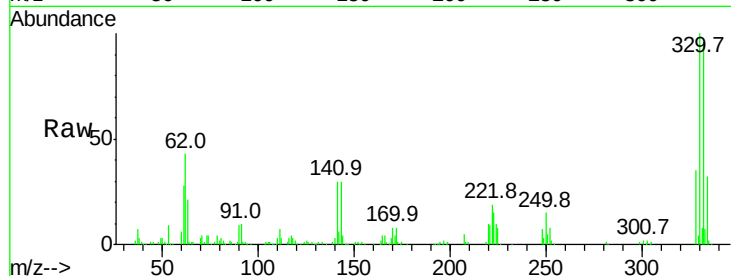
13.30 13.35 13.40



#41
 2,4,6-Tribromophenol
 Concen: 85.43 ng
 RT: 16.64 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

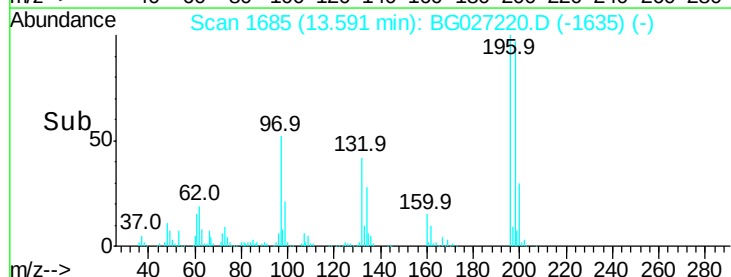
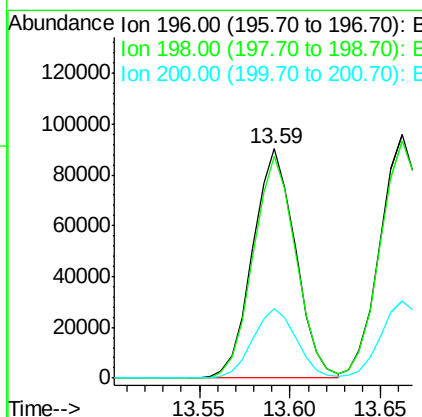
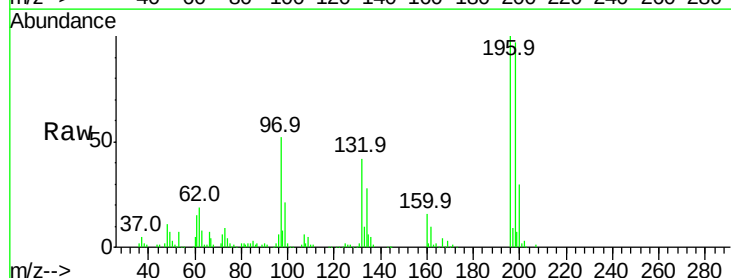
Instrument :
 BNA_G
 ClientSampleId :

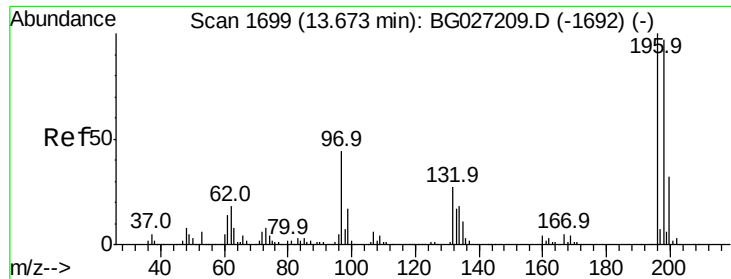
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	32.6	32.1	48.1



#42
 2,4,6-Trichlorophenol
 Concen: 43.93 ng
 RT: 13.59 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	81.4	122.2
200	30.3	27.0	40.6

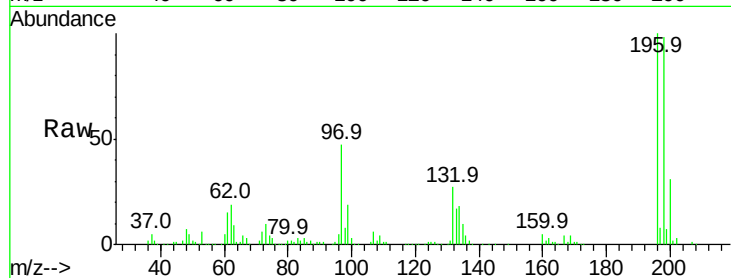




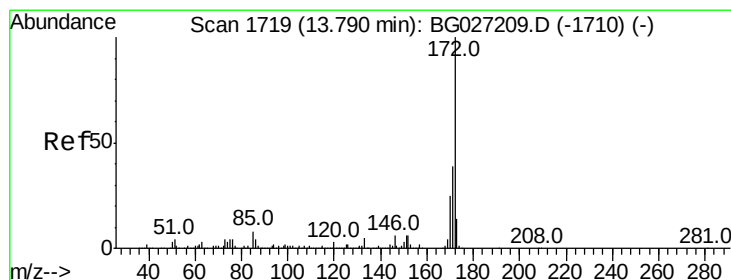
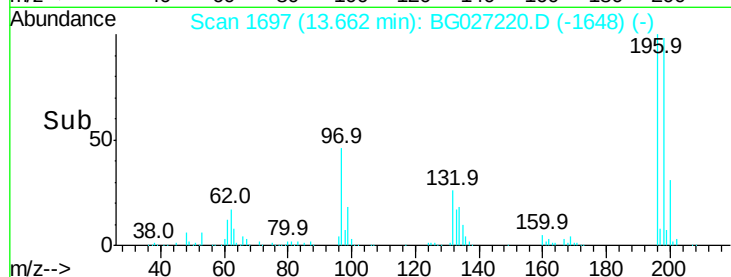
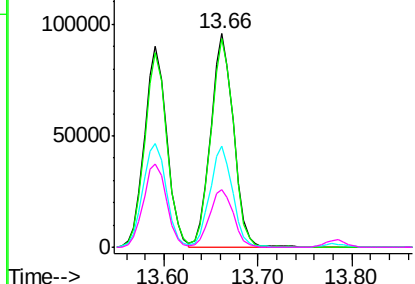
#43
 2,4,5-Trichlorophenol
 Concen: 43.21 ng
 RT: 13.66 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	162975
Ion	Ratio	Lower	Upper
196	100		
198	97.7	79.9	119.9
97	47.2	45.4	68.0
132	26.7	20.7	31.1

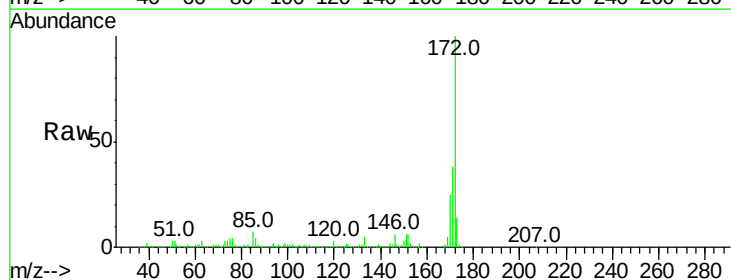


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

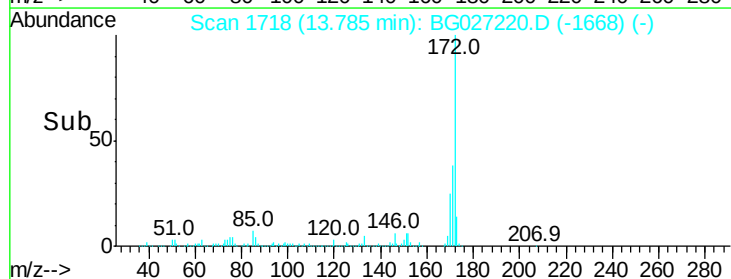
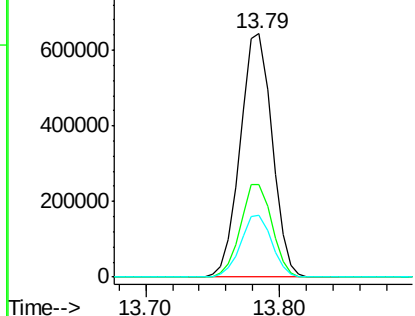


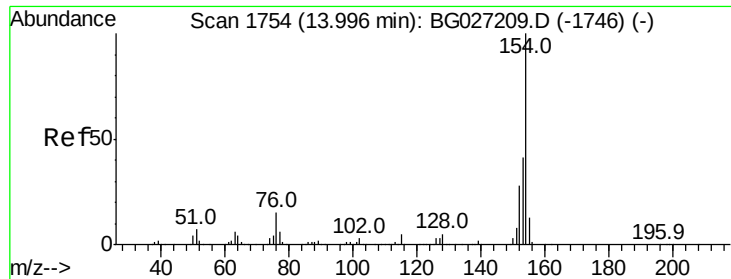
#44
 2-Fluorobiphenyl
 Concen: 83.17 ng
 RT: 13.79 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion:	172	Resp:	1060489
Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	25.4	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: 41.43 ng

RT: 13.99 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

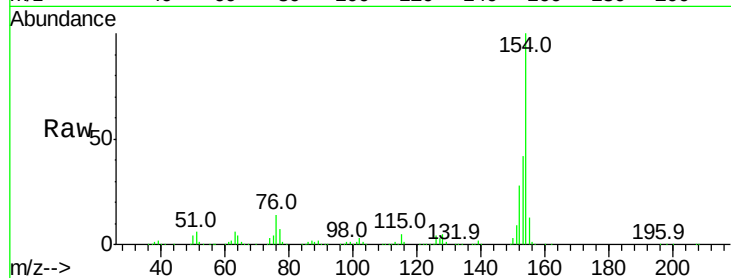
Tot Ion:154 Resp: 603190

Ion Ratio Lower Upper

154 100

153 41.9 23.0 63.0

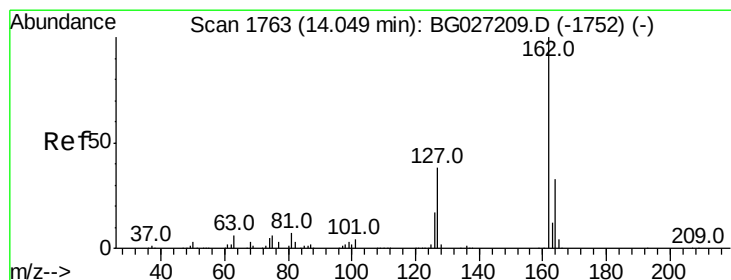
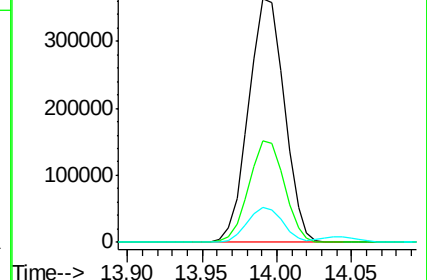
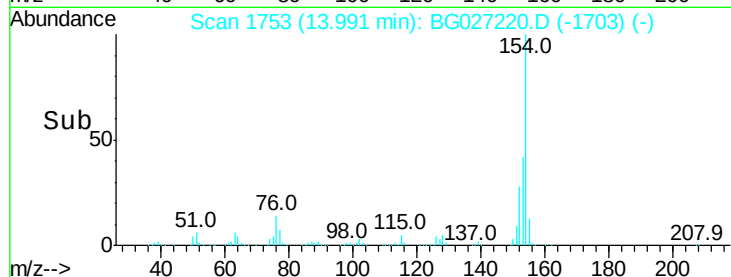
76 14.5 0.0 33.5



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: 41.68 ng

RT: 14.04 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

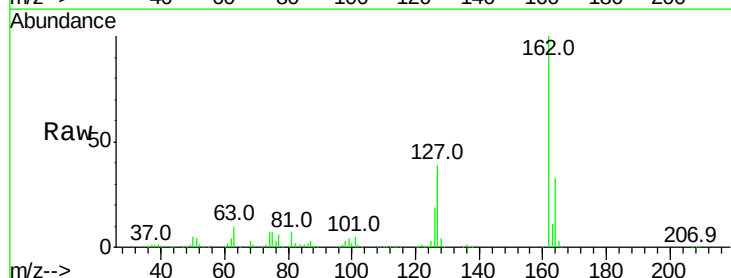
Tgt Ion:162 Resp: 455006

Ion Ratio Lower Upper

162 100

127 39.3 32.2 48.4

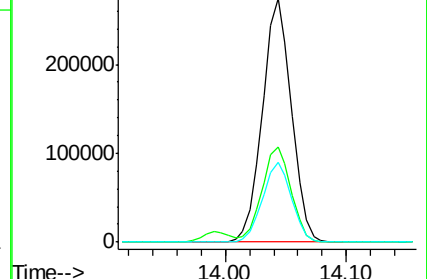
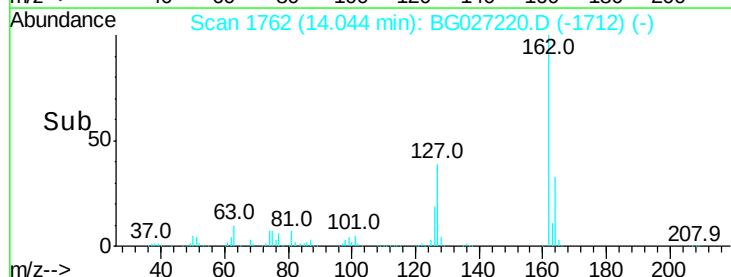
164 32.9 27.3 40.9

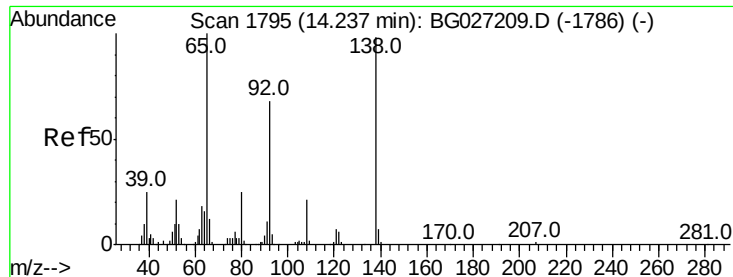


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.39 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

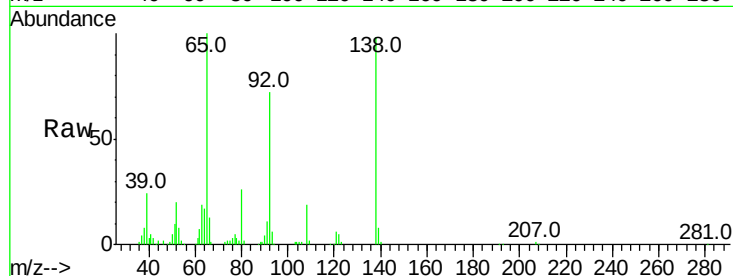
Tot Ion: 65 Resp: 128705

Ion Ratio Lower Upper

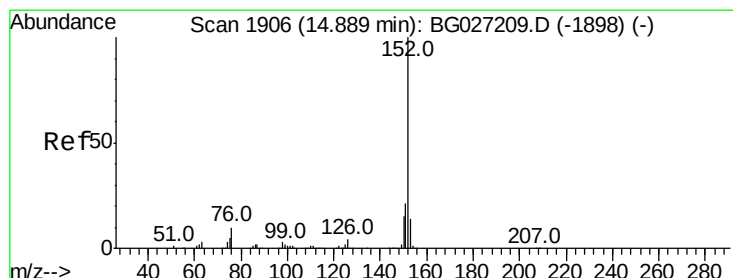
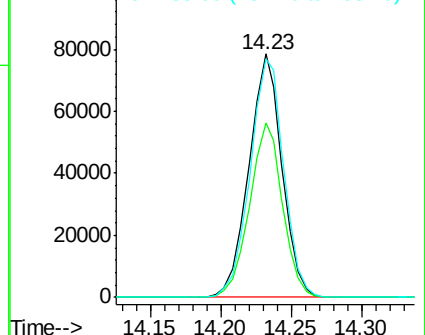
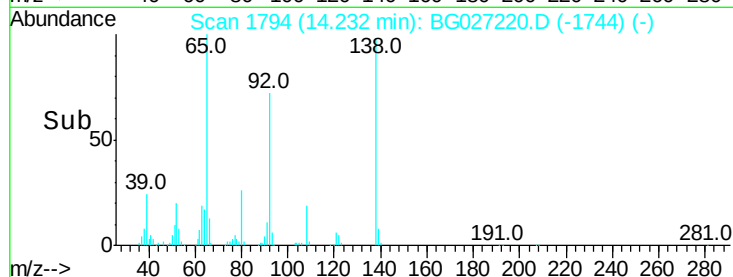
65 100

92 71.7 49.0 73.4

138 98.1 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: 41.62 ng

RT: 14.88 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

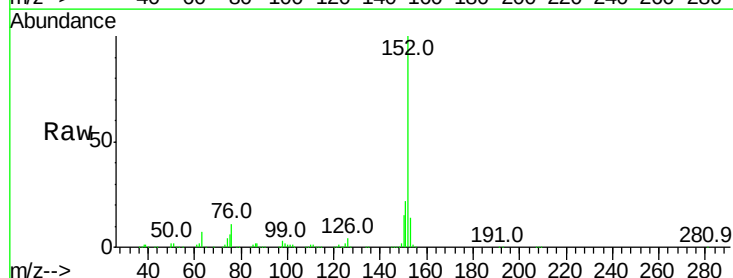
Tgt Ion: 152 Resp: 768858

Ion Ratio Lower Upper

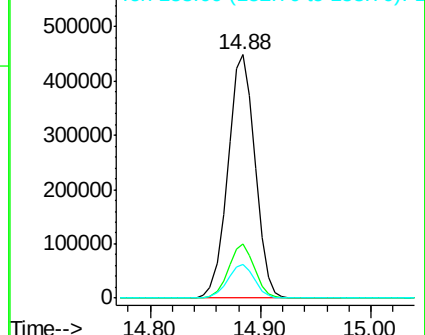
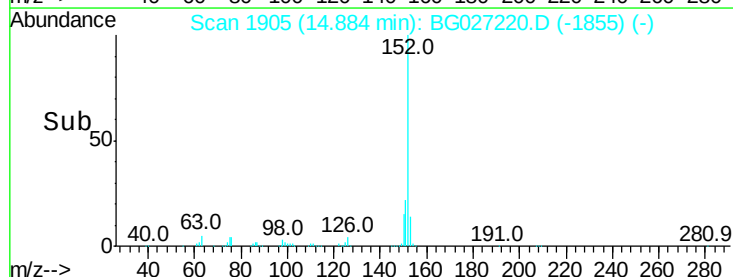
152 100

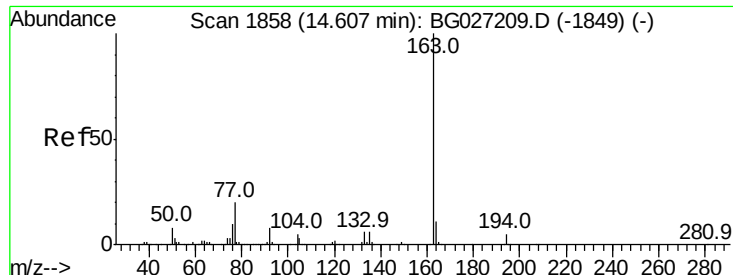
151 22.0 18.2 27.2

153 14.1 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: 40.41 ng

RT: 14.60 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

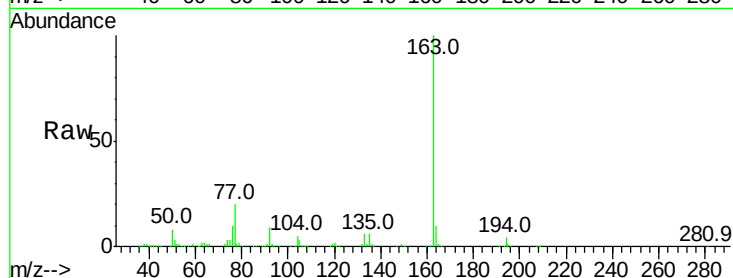
Tot Ion:163 Resp: 571828

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

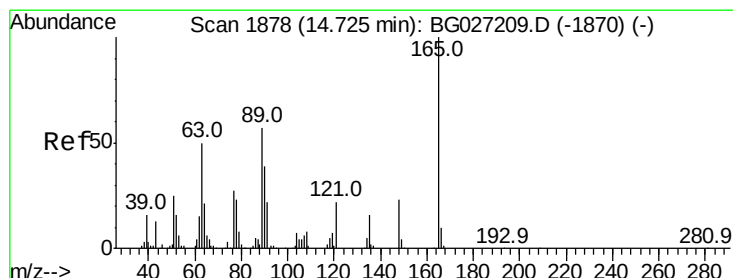
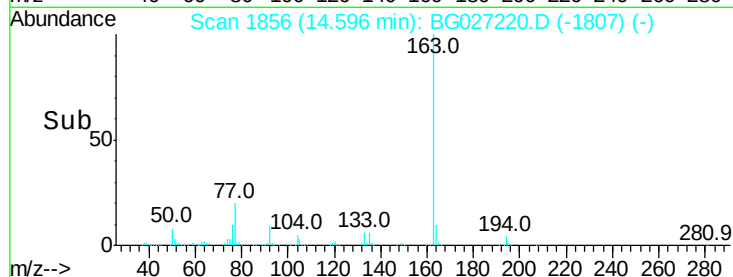
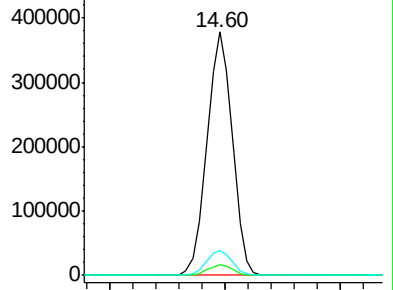
164 10.3 9.3 13.9



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: 42.66 ng

RT: 14.71 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

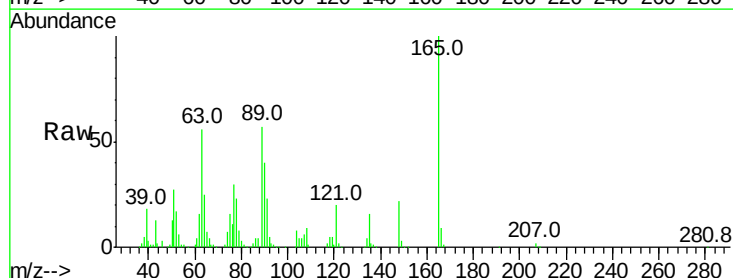
Tgt Ion:165 Resp: 120613

Ion Ratio Lower Upper

165 100

63 56.4 63.9 95.9#

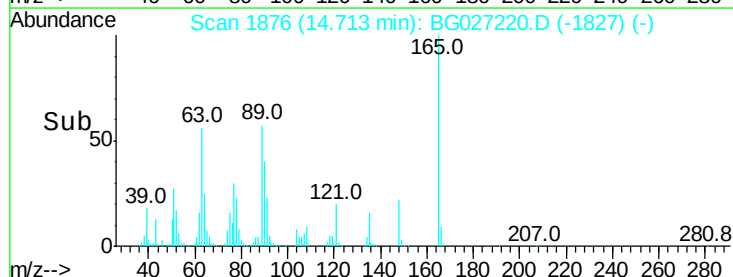
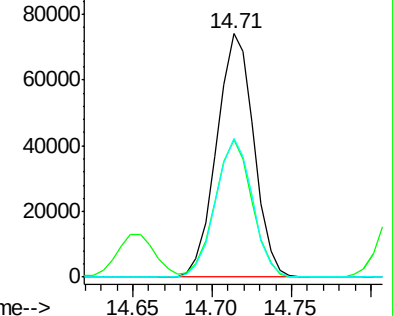
89 57.0 58.6 88.0#

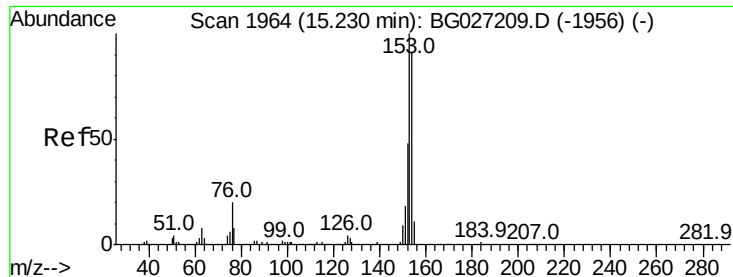


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.38 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

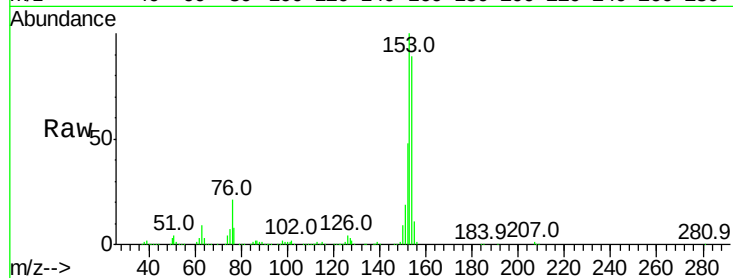
Tot Ion:154 Resp: 497241

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.6

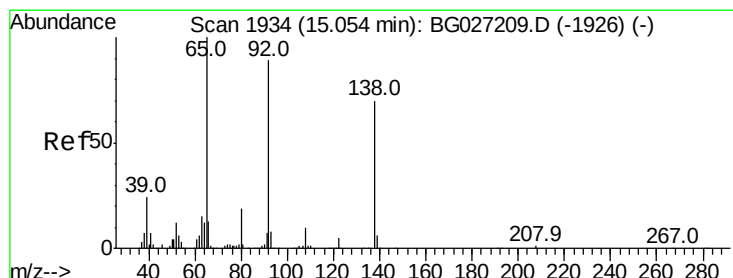
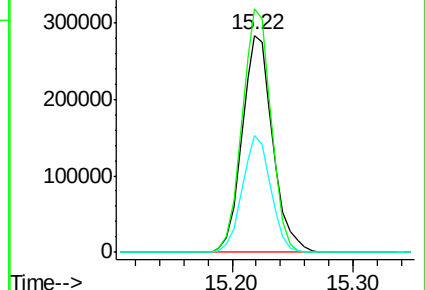
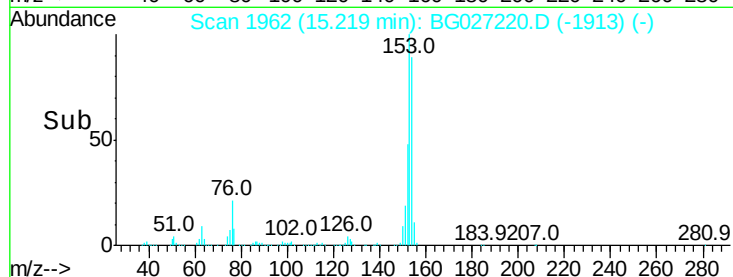
152 53.6 42.2 63.4



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: 40.07 ng

RT: 15.05 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

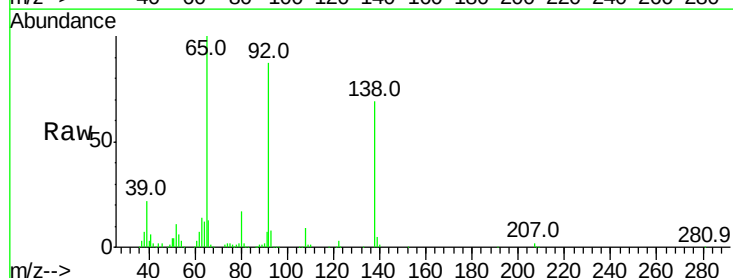
Tgt Ion:138 Resp: 117604

Ion Ratio Lower Upper

138 100

108 13.5 10.9 16.3

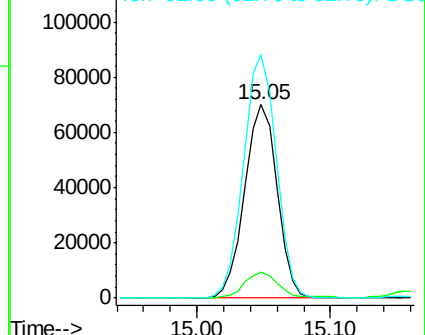
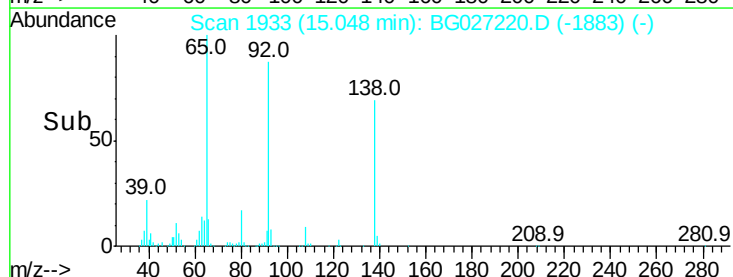
92 126.1 115.3 172.9

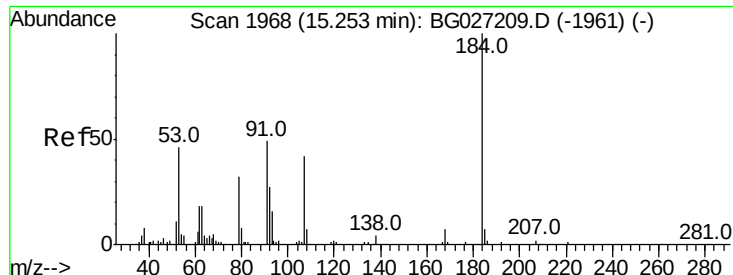


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

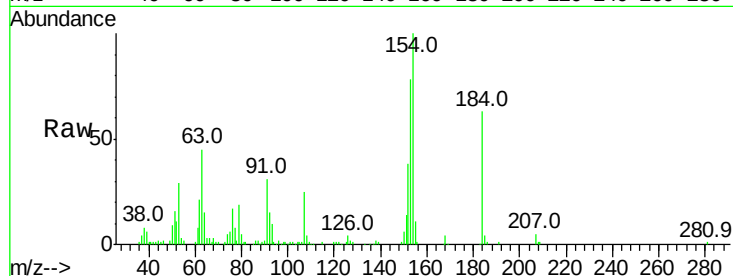




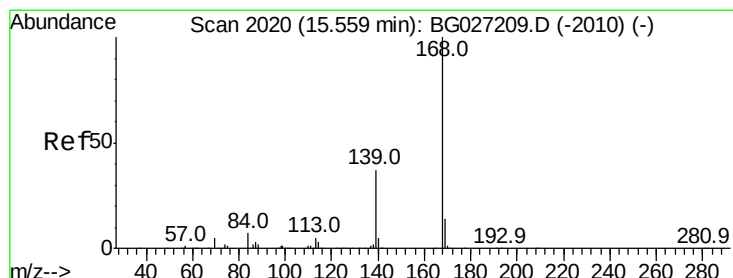
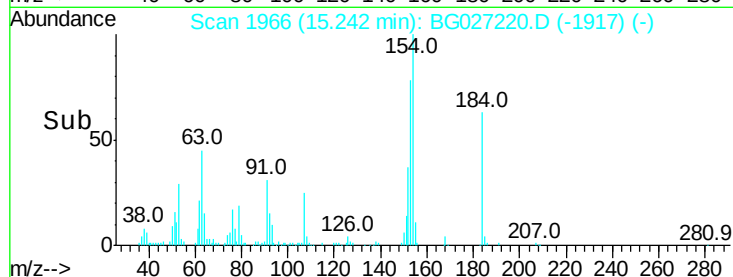
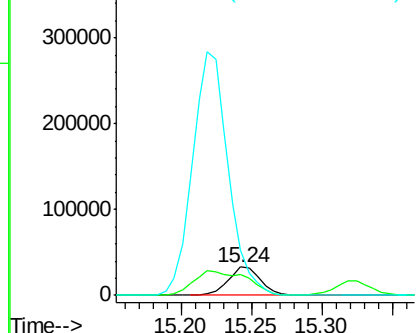
#53
2,4-Dinitrophenol
Concen: 47.40 ng
RT: 15.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 52722
Ion Ratio Lower Upper
184 100
63 72.0 52.7 79.1
154 159.8 57.3 85.9#

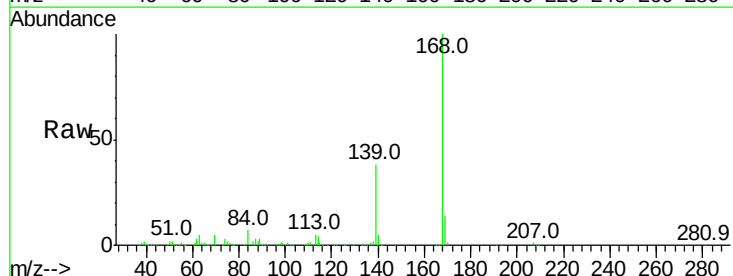


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

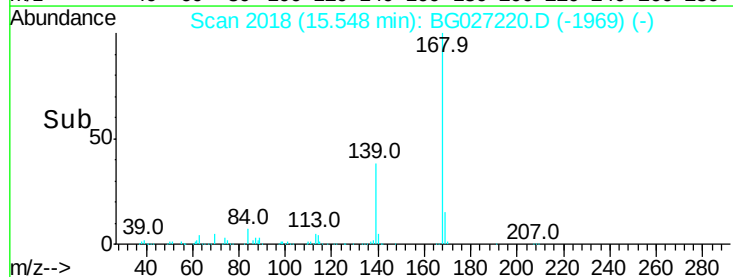
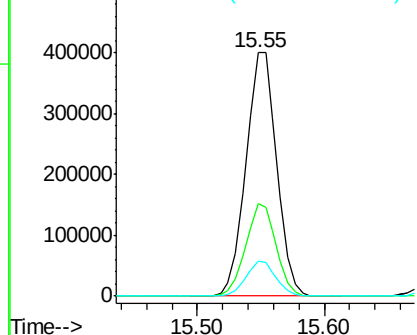


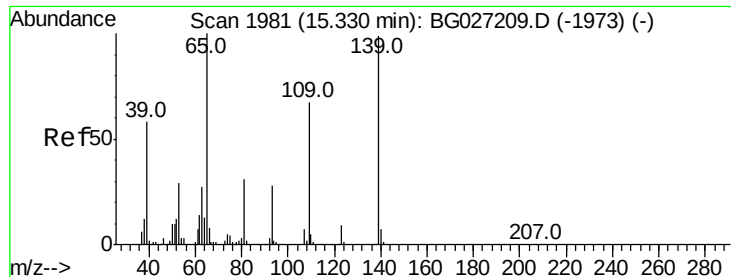
#54
Dibenzofuran
Concen: 40.05 ng
RT: 15.55 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:168 Resp: 672624
Ion Ratio Lower Upper
168 100
139 37.8 35.3 52.9
169 14.5 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

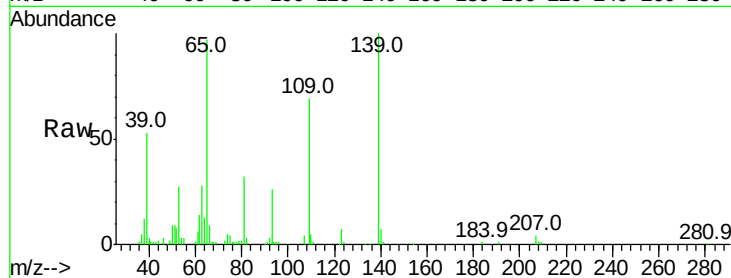




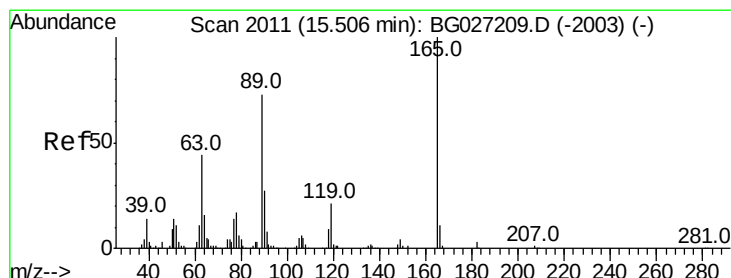
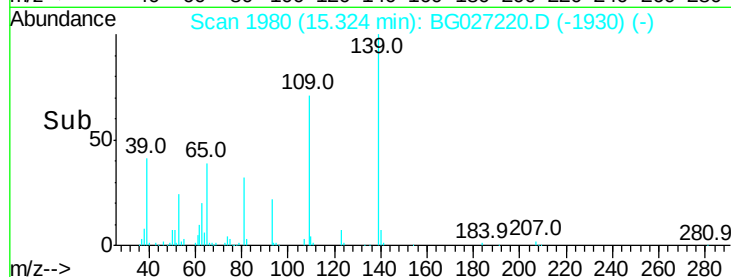
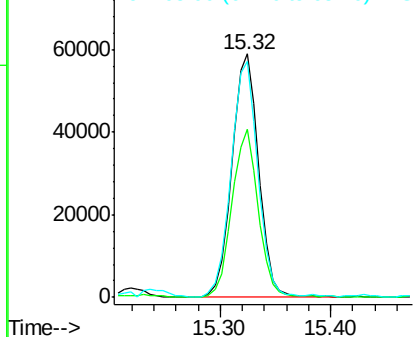
#55
4-Nitrophenol
Concen: 40.76 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.9	101.2	141.2#
65	96.9	135.3	175.3#

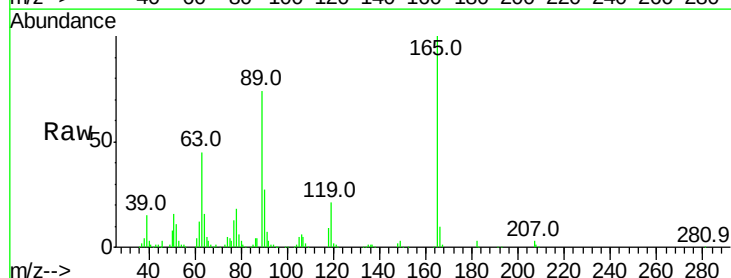


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

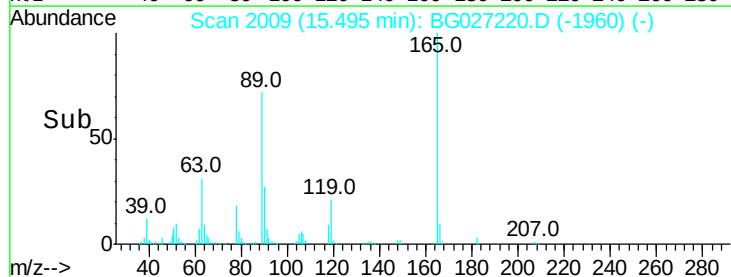
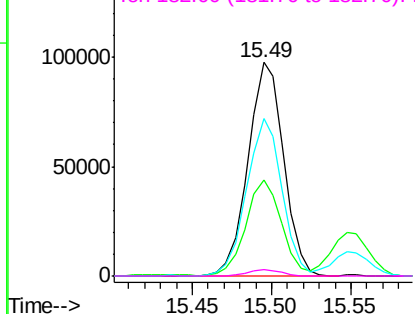


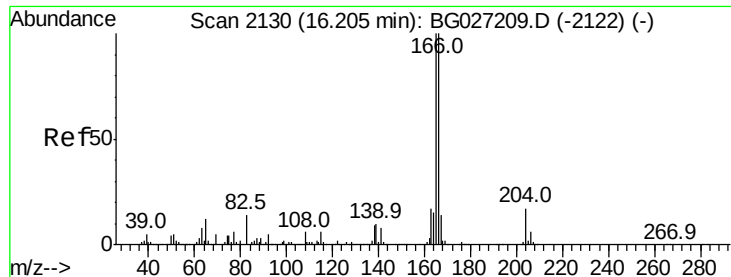
#56
2,4-Dinitrotoluene
Concen: 42.40 ng
RT: 15.49 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	44.0	66.0
89	73.6	67.3	100.9
182	3.1	3.8	5.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.90 ng

RT: 16.20 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

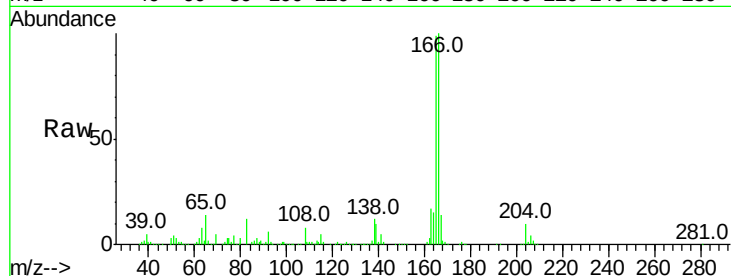
Tot Ion:166 Resp: 595219

Ion Ratio Lower Upper

166 100

165 99.4 78.6 117.8

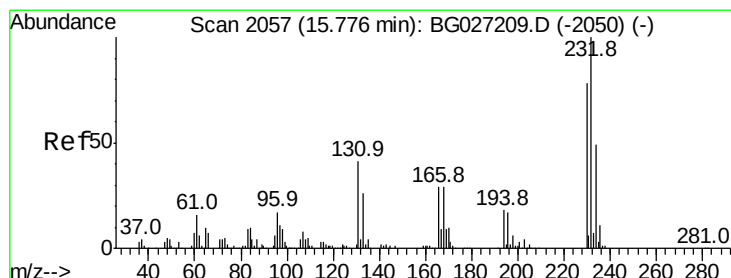
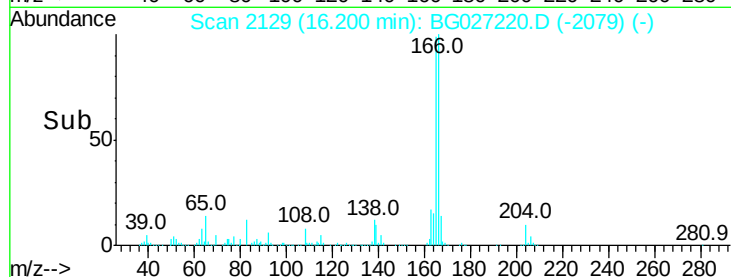
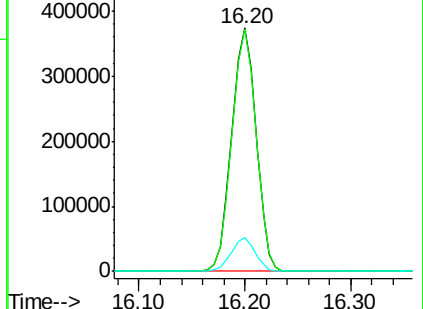
167 13.8 11.6 17.4



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: 42.79 ng

RT: 15.77 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Tgt Ion:232 Resp: 144060

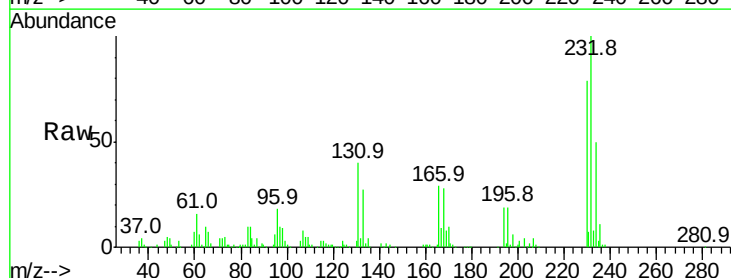
Ion Ratio Lower Upper

232 100

131 42.3 34.9 52.3

130 2.4 2.3 3.5

166 29.7 24.2 36.4

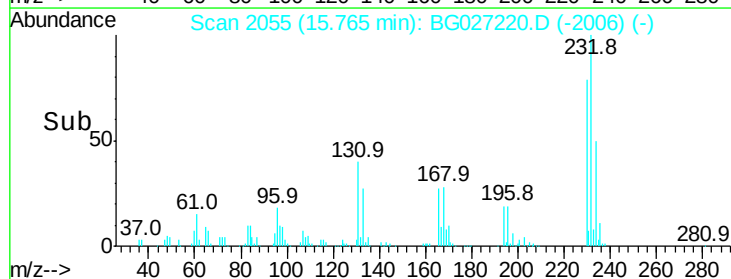
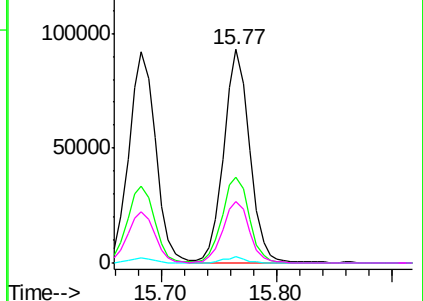


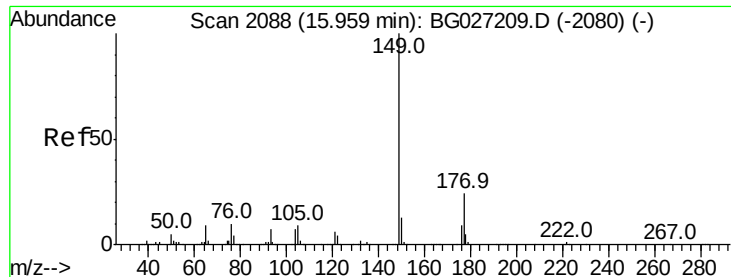
Abundance Ion 232.00 (231.70 to 232.70): E

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

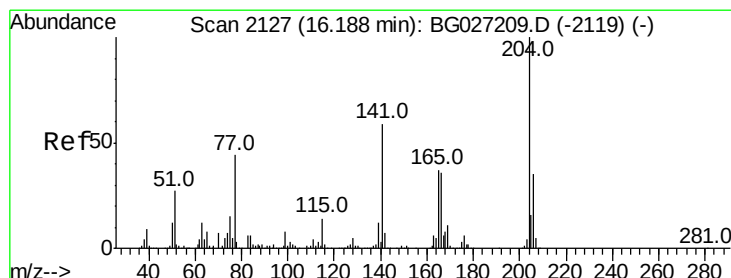
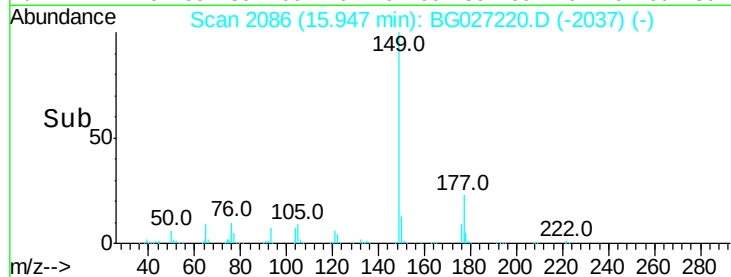
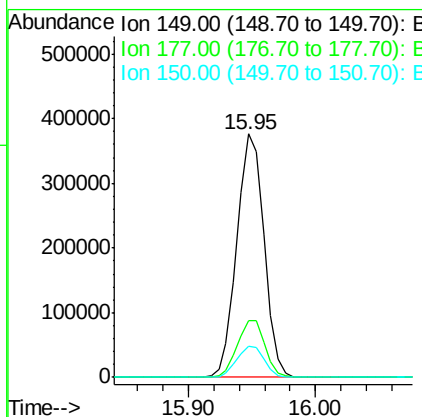
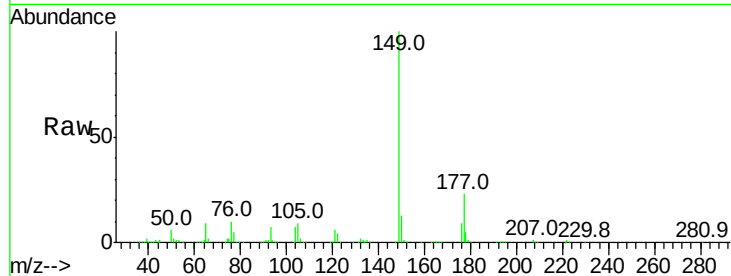




#59
Diethylphthalate
Concen: 39.44 ng
RT: 15.95 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

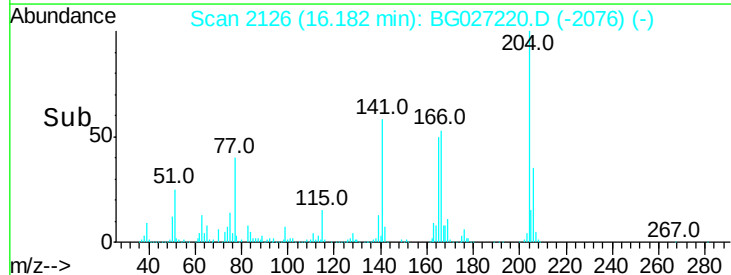
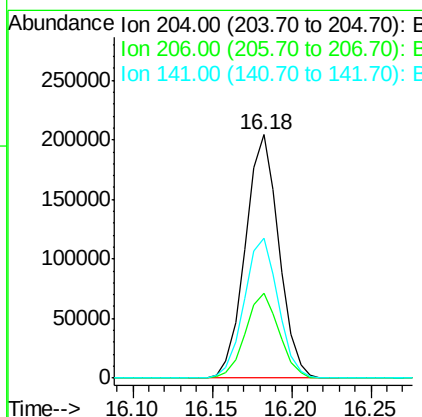
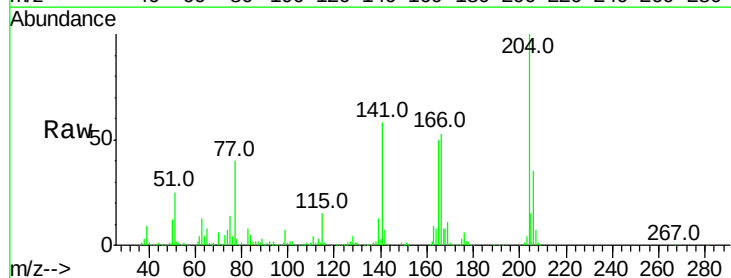
Instrument :
BNA_G
ClientSampled :

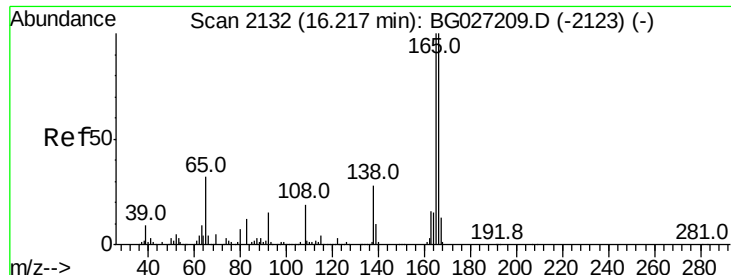
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	20.1	30.1
150	12.8	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.93 ng
RT: 16.18 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	30.1	45.1
141	57.6	50.6	76.0

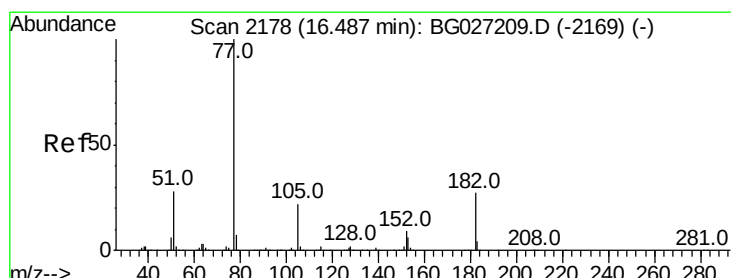
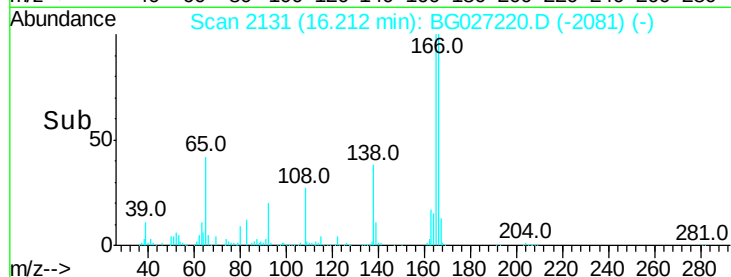
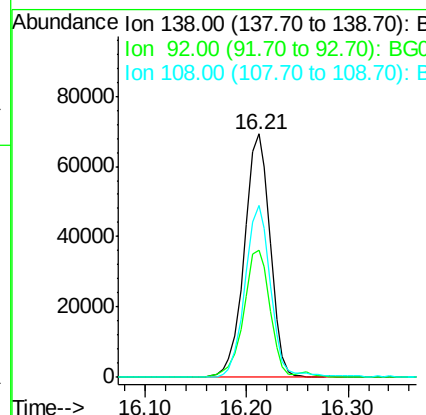
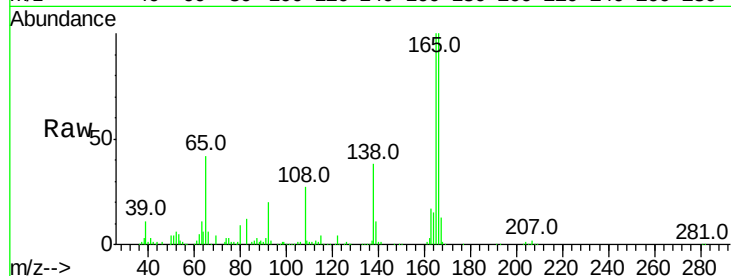




#61
4-Nitroaniline
Concen: 40.96 ng
RT: 16.21 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

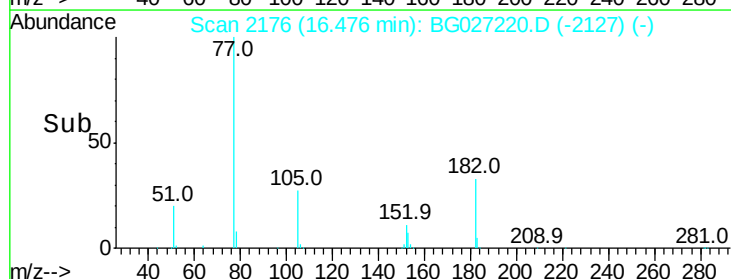
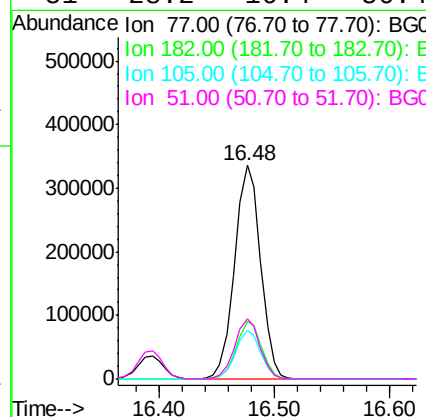
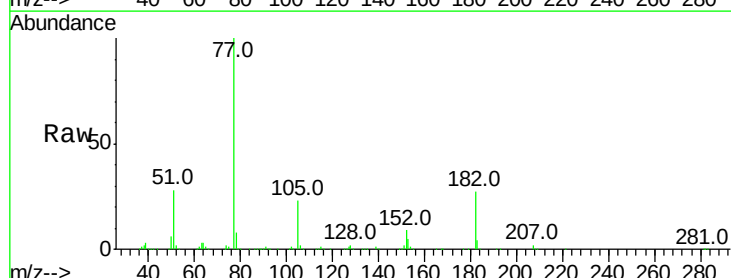
Instrument :
BNA_G
ClientSampleId :

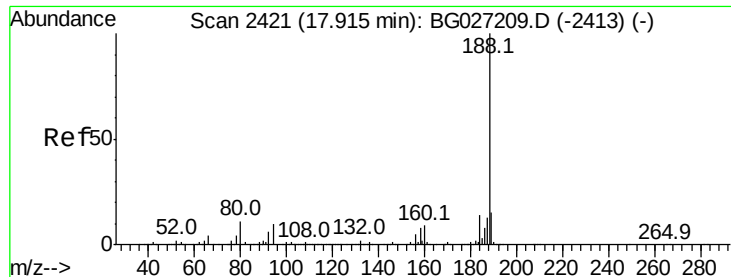
Tot Ion:138 Resp: 121961
Ion Ratio Lower Upper
138 100
92 52.3 44.2 84.2
108 70.8 104.8 144.8#



#62
Azobenzene
Concen: 39.80 ng
RT: 16.48 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion: 77 Resp: 520724
Ion Ratio Lower Upper
77 100
182 27.0 4.7 44.7
105 22.5 0.0 36.3
51 28.2 16.4 56.4

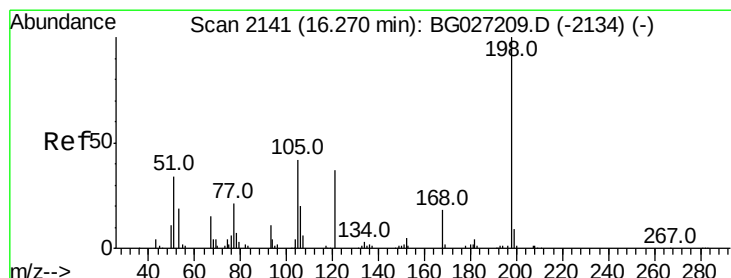
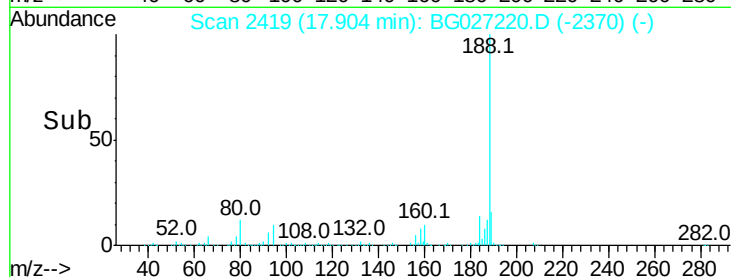
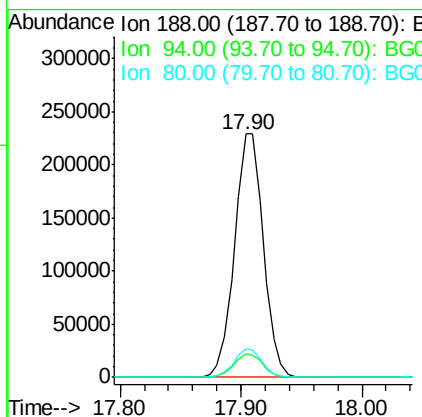
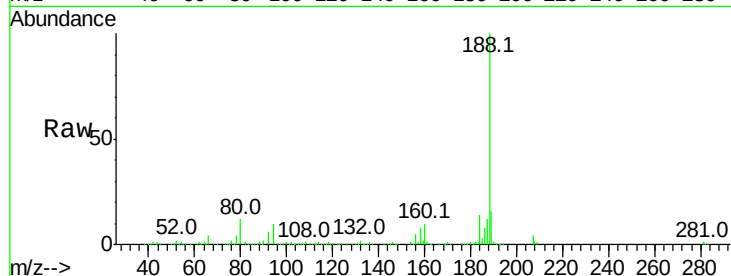




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

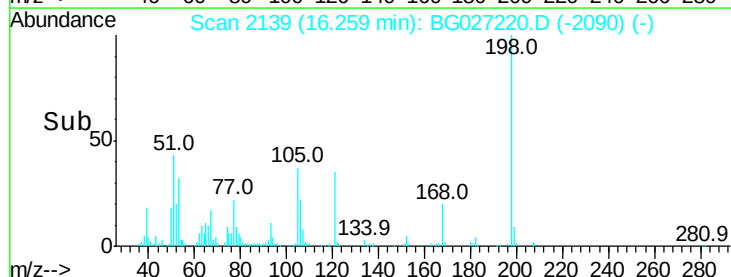
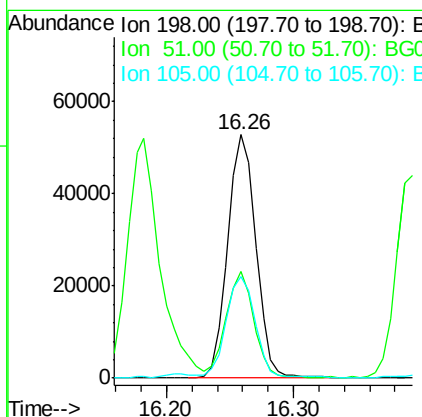
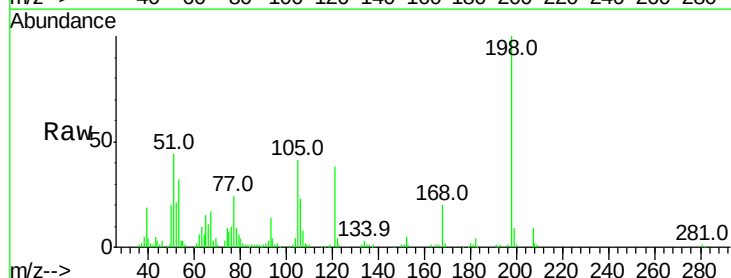
Instrument :
BNA_G
ClientSampleId :

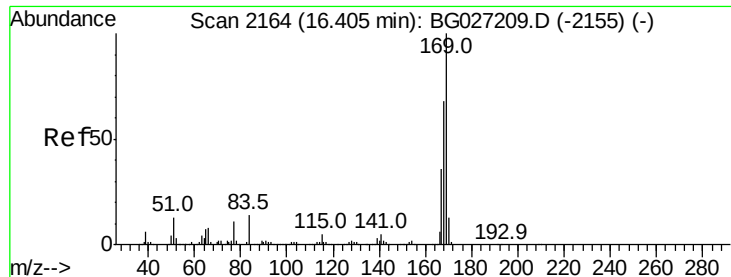
Tot Ion:188 Resp: 381151
Ion Ratio Lower Upper
188 100
94 9.9 5.8 8.8#
80 11.7 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.01 ng
RT: 16.26 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion:198 Resp: 81274
Ion Ratio Lower Upper
198 100
51 43.8 22.6 62.6
105 41.5 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 42.11 ng

RT: 16.39 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

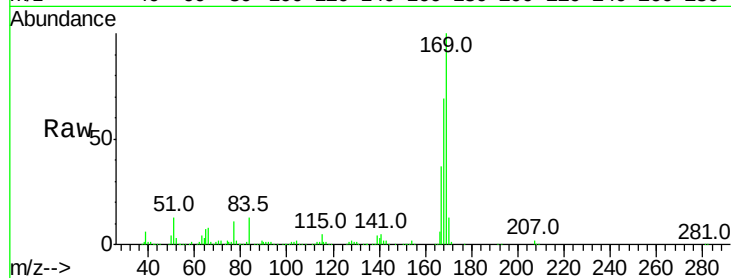
Tot Ion:169 Resp: 503199

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

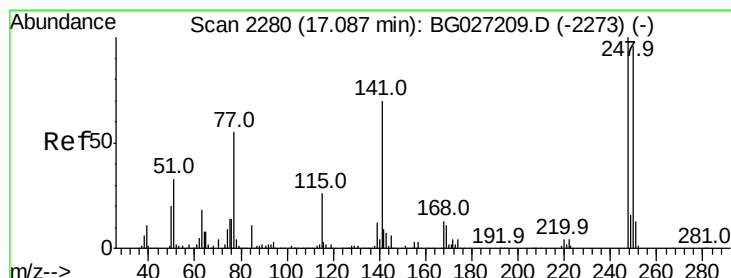
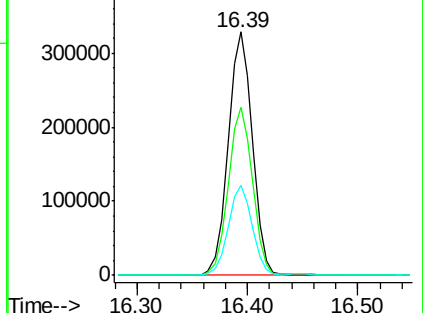
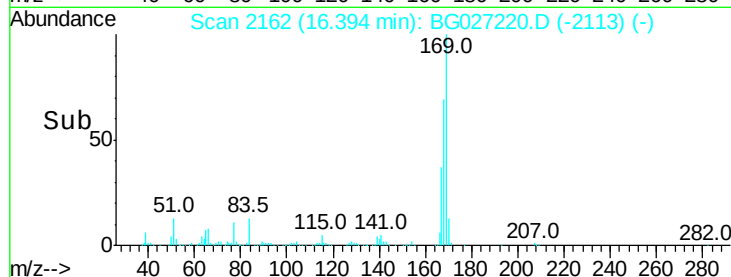
167 36.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.81 ng

RT: 17.08 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

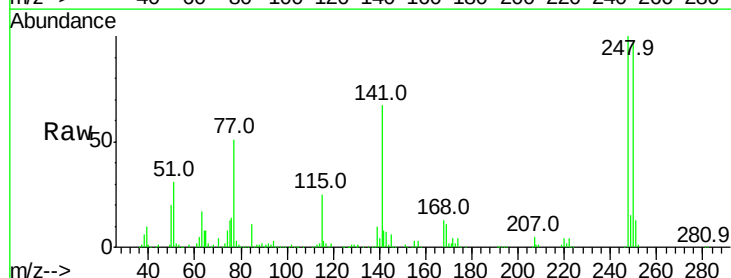
Tgt Ion:248 Resp: 188595

Ion Ratio Lower Upper

248 100

250 96.9 75.0 112.6

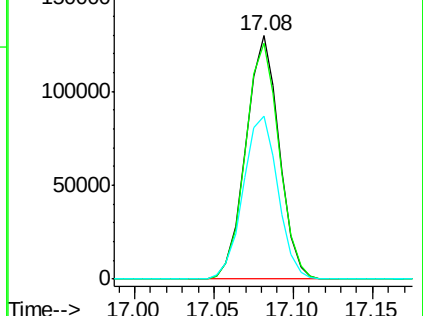
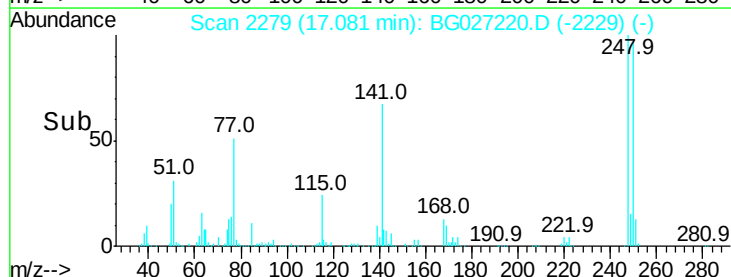
141 67.1 55.2 82.8

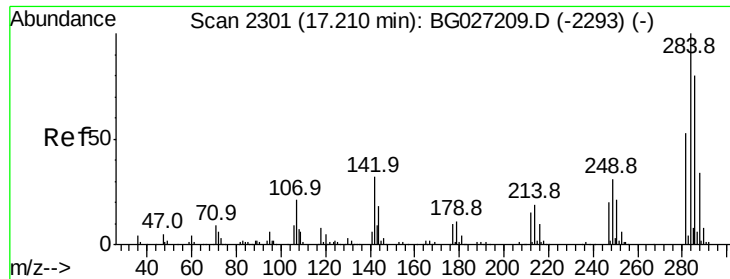


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

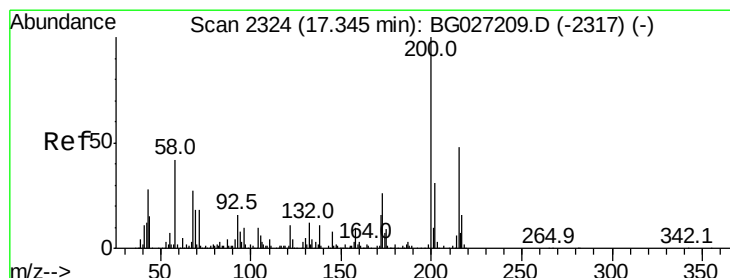
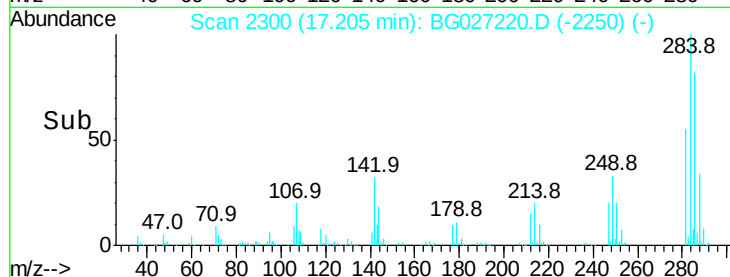
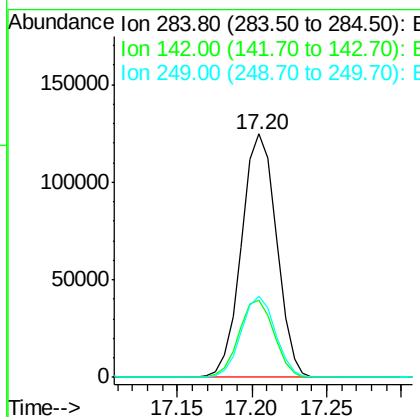
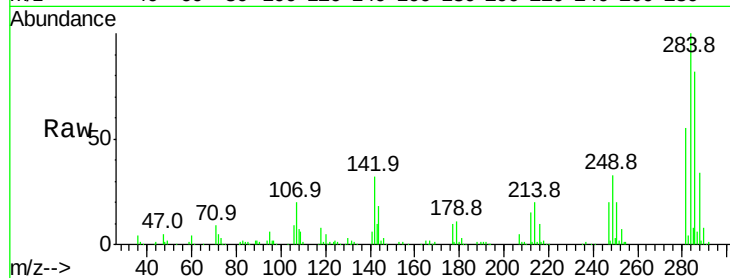




#67
Hexachlorobenzene
Concen: 41.60 ng
RT: 17.20 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

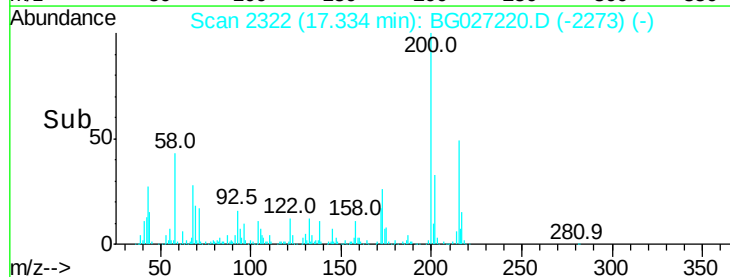
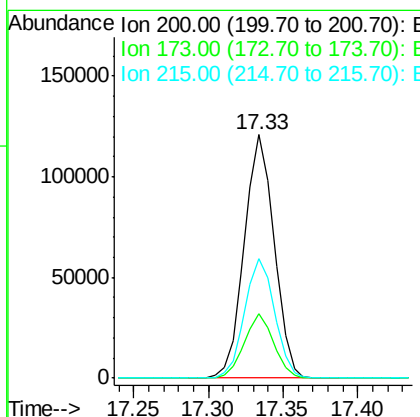
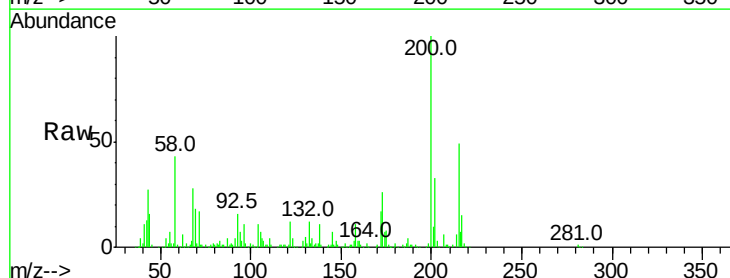
Instrument :
BNA_G
ClientSampleId :

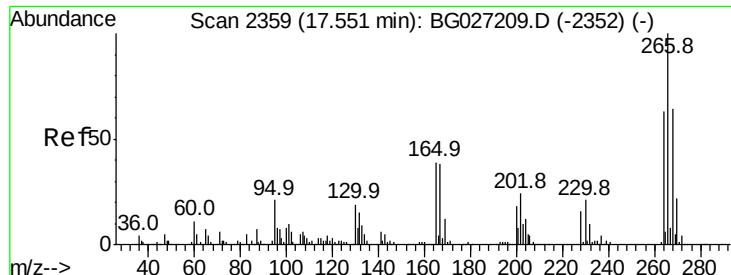
Tot Ion	Ratio	Lower	Upper
284	100		
142	31.6	29.9	44.9
249	33.2	29.2	43.8



#68
Atrazine
Concen: 41.90 ng
RT: 17.33 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	3.0	43.0
215	48.9	28.4	68.4





#69

Pentachlorophenol

Concen: 41.94 ng

RT: 17.54 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

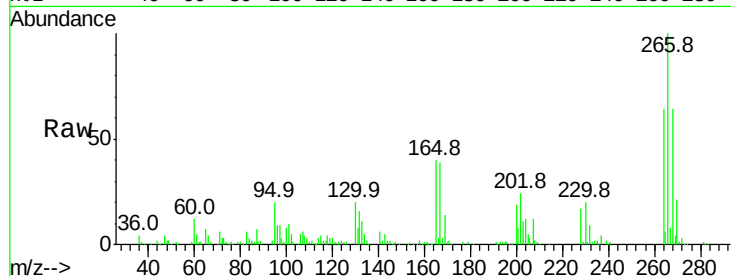
Tot Ion:266 Resp: 119290

Ion Ratio Lower Upper

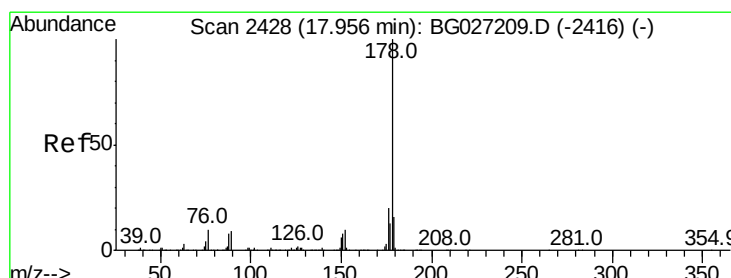
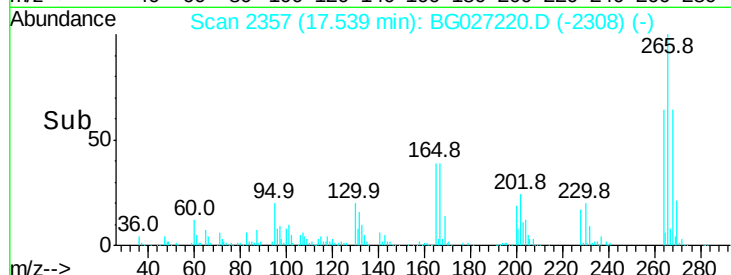
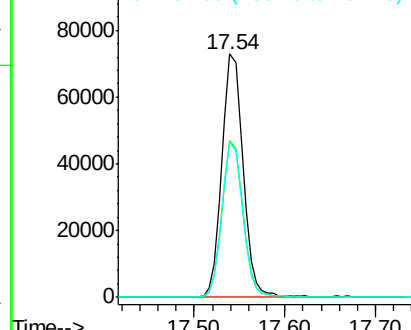
266 100

268 64.3 48.6 72.8

264 63.5 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: 40.69 ng

RT: 17.95 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

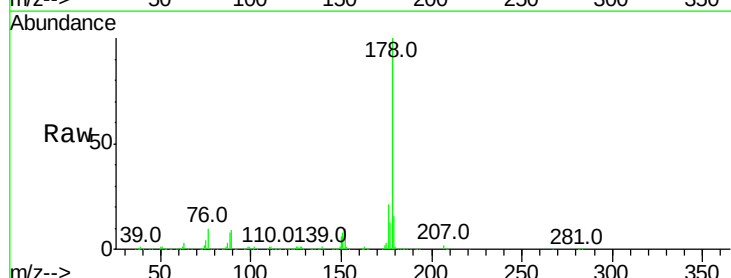
Tgt Ion:178 Resp: 872581

Ion Ratio Lower Upper

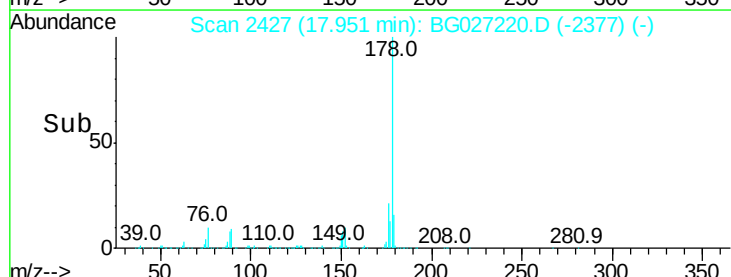
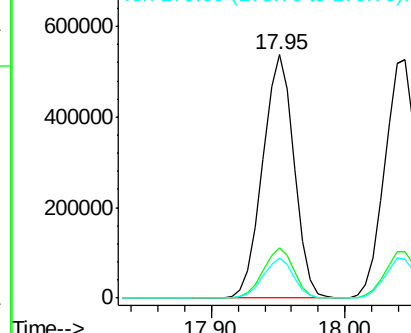
178 100

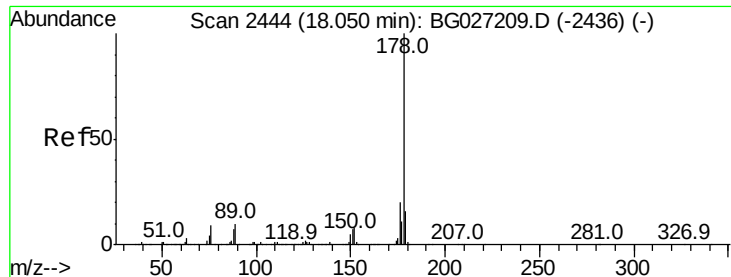
176 20.9 17.7 26.5

179 16.4 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

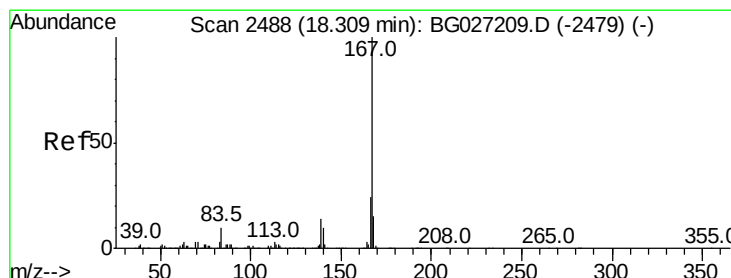
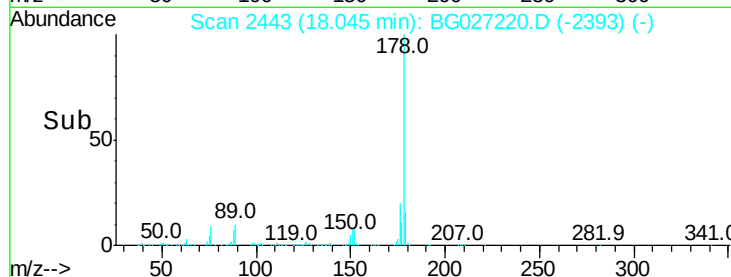
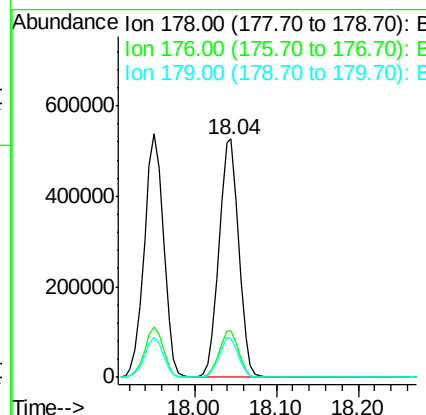
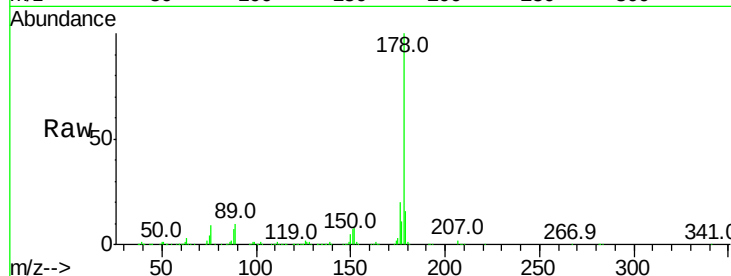




#71
 Anthracene
 Concen: 41.12 ng
 RT: 18.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

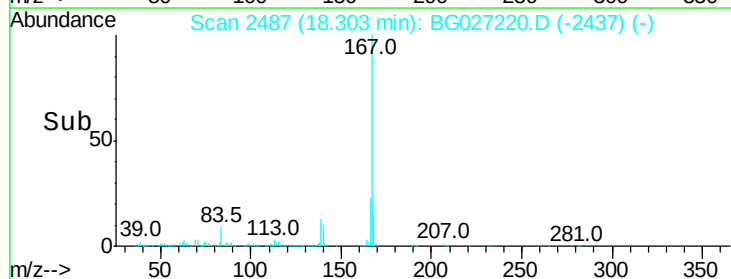
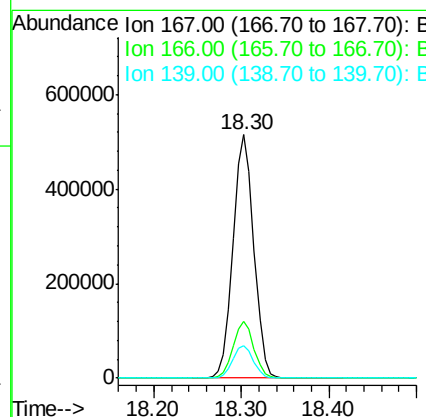
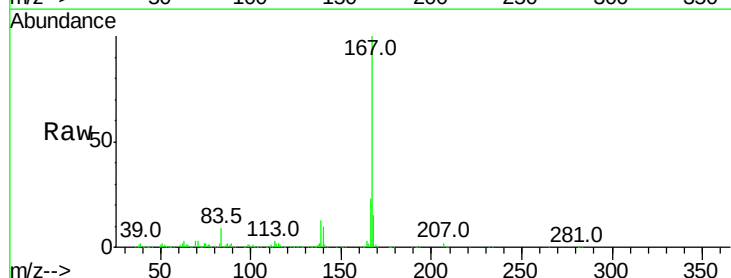
Instrument :
 BNA_G
 ClientSampleId :

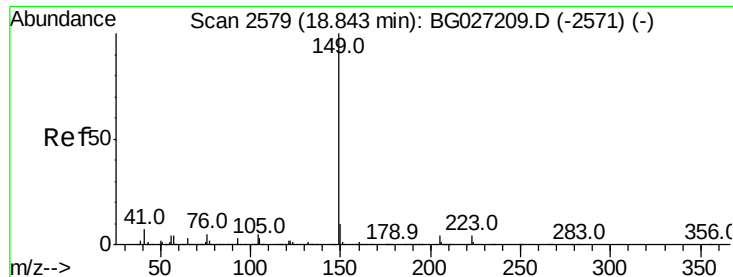
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.4	24.6
179	16.1	13.8	20.8



#72
 Carbazole
 Concen: 41.13 ng
 RT: 18.30 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.2	30.2
139	13.1	12.8	19.2

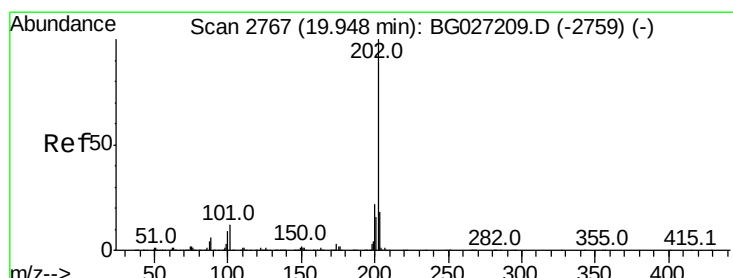
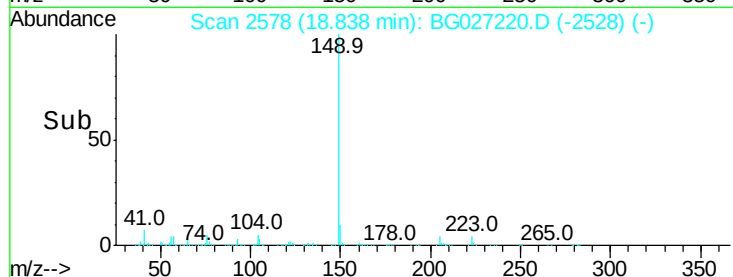
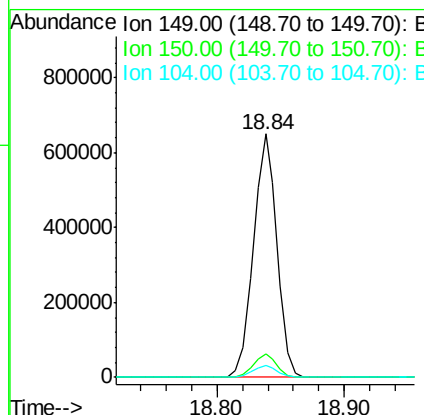
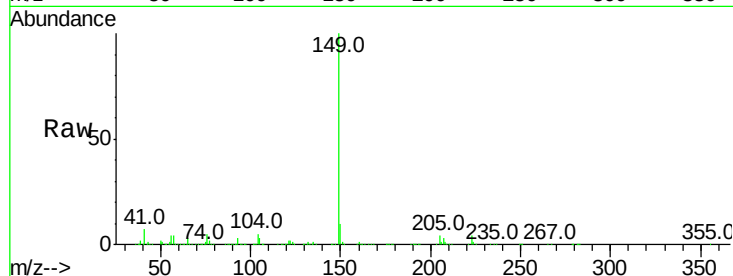




#73
Di-n-butylphthalate
Concen: 42.52 ng
RT: 18.84 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

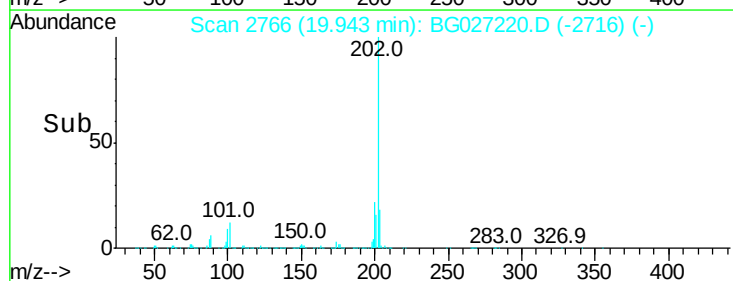
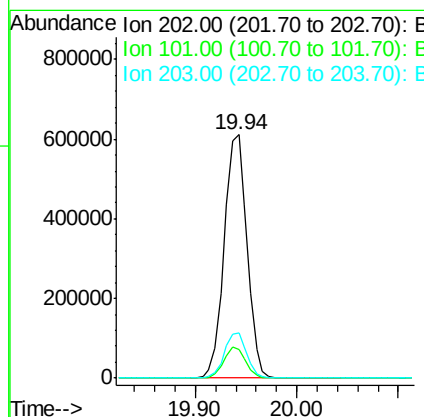
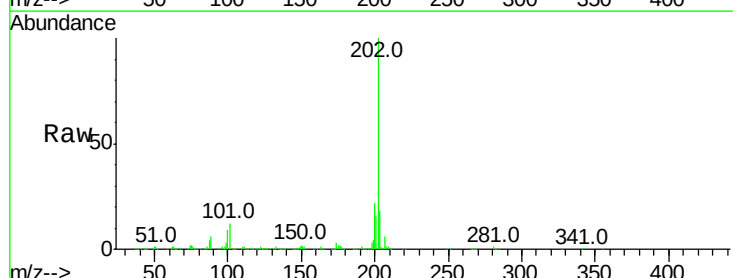
Instrument :
BNA_G
ClientSampleId :

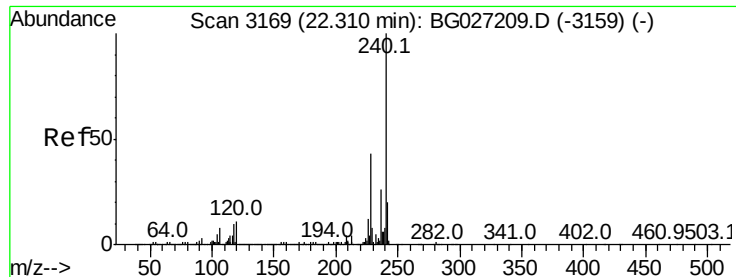
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	9.1	13.7
104	5.0	6.7	10.1#



#74
Fluoranthene
Concen: 41.52 ng
RT: 19.94 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG027220.D
Acq: 5 Jun 2017 19:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.1
203	18.5	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.30 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

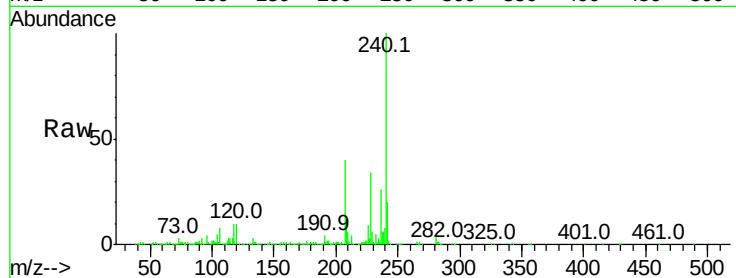
Tot Ion:240 Resp: 433700

Ion Ratio Lower Upper

240 100

120 10.1 5.7 8.5#

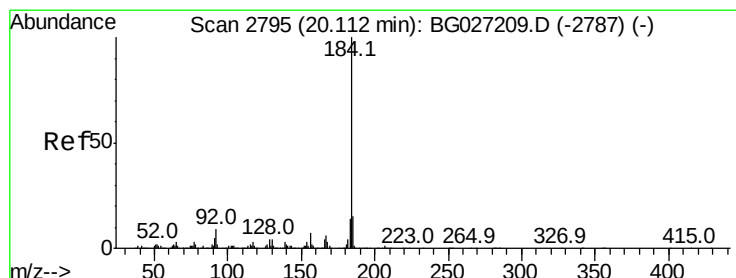
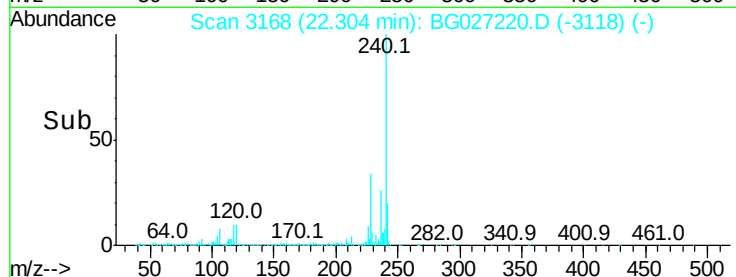
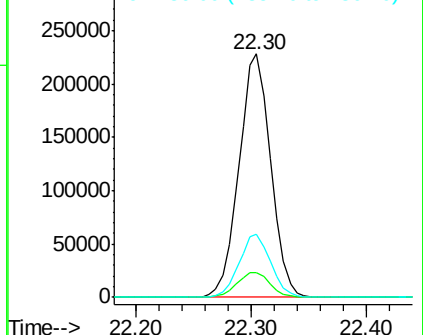
236 26.0 22.2 33.4



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: 36.17 ng

RT: 20.11 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

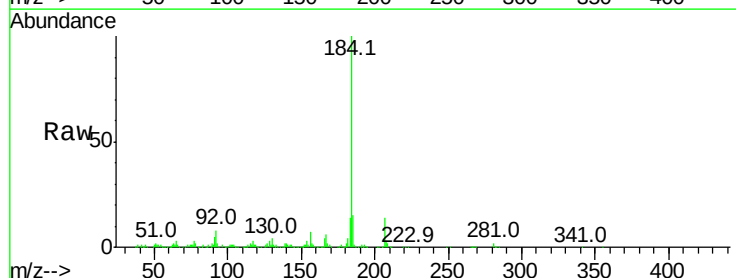
Tgt Ion:184 Resp: 472537

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

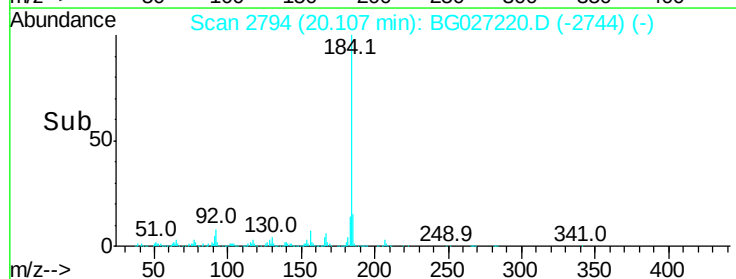
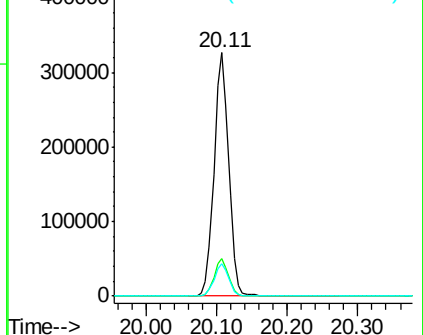
183 13.5 11.0 16.6

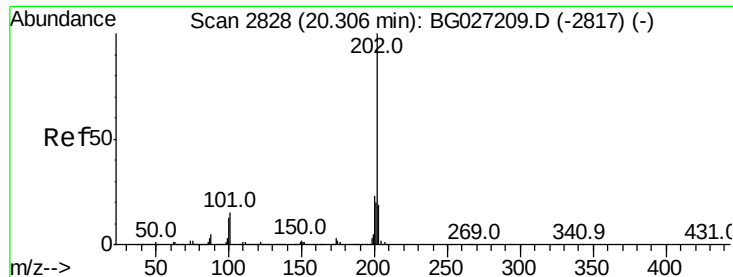


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.86 ng

RT: 20.30 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

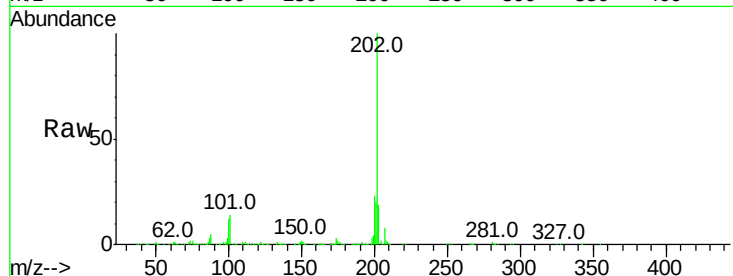
Tot Ion:202 Resp: 992228

Ion Ratio Lower Upper

202 100

200 23.1 19.6 29.4

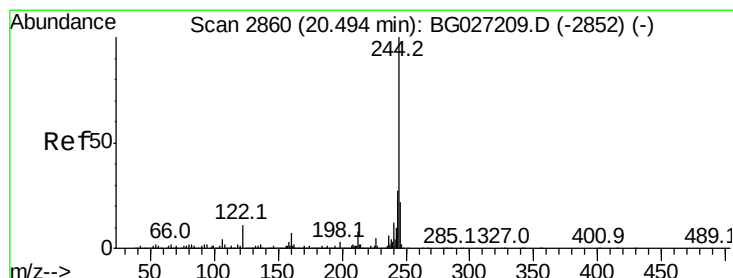
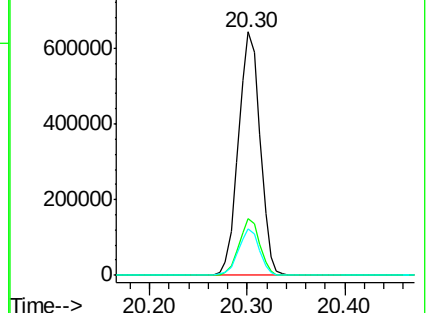
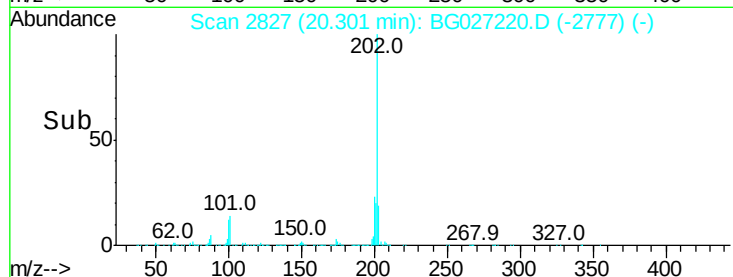
203 19.0 15.8 23.8



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: 78.67 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

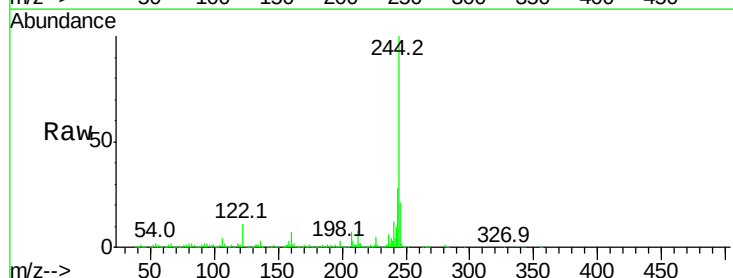
Tgt Ion:244 Resp: 1337466

Ion Ratio Lower Upper

244 100

212 7.8 10.0 15.0#

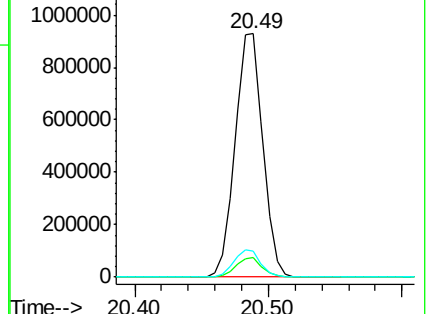
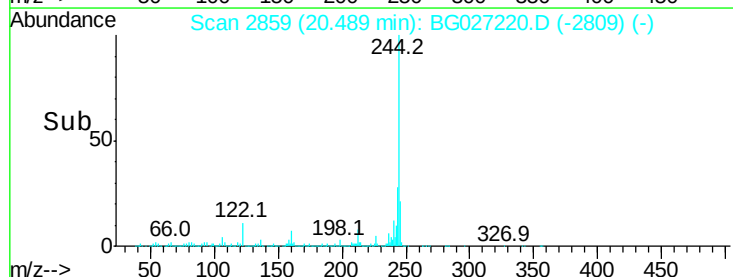
122 10.5 8.6 12.8

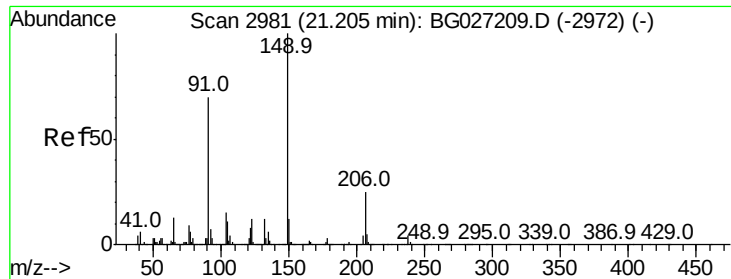


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.06 ng

RT: 21.19 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

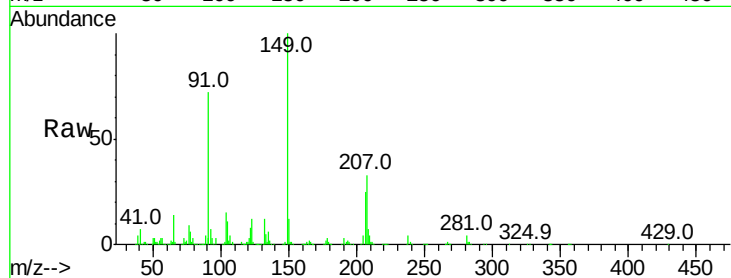
Tot Ion:149 Resp: 380214

Ion Ratio Lower Upper

149 100

91 71.7 63.5 95.3

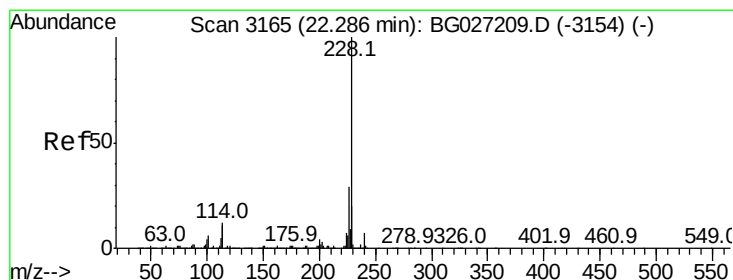
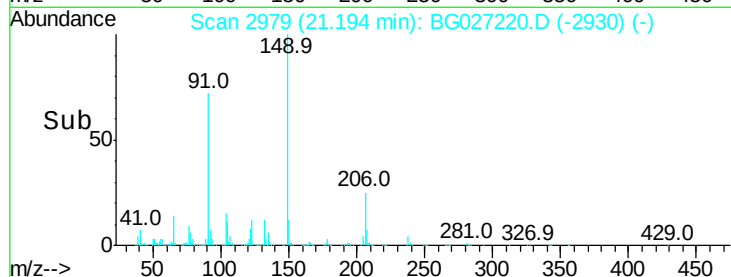
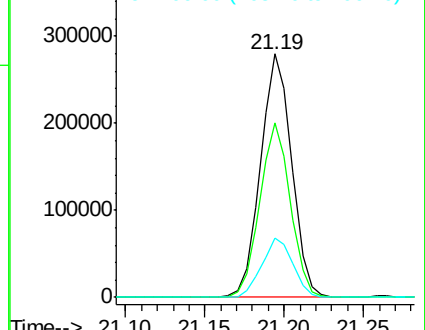
206 24.6 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.70 ng

RT: 22.28 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

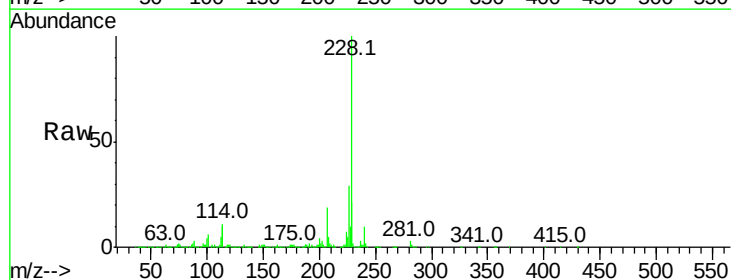
Tgt Ion:228 Resp: 1006524

Ion Ratio Lower Upper

228 100

226 29.4 24.9 37.3

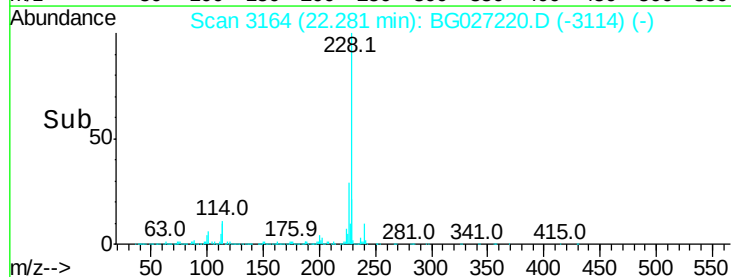
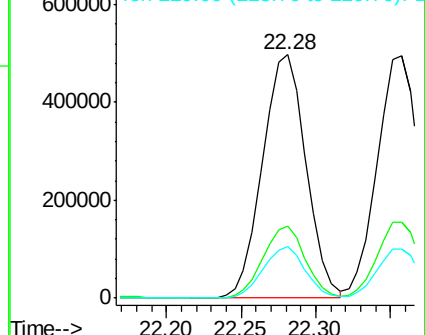
229 21.0 18.2 27.2

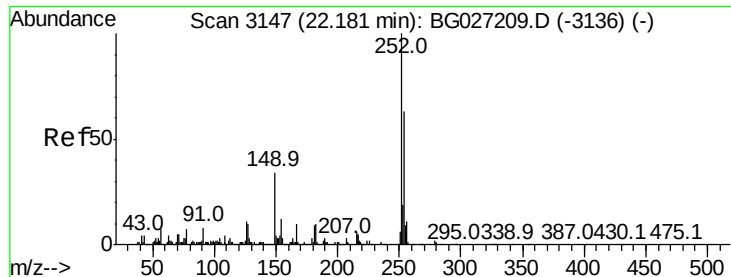


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

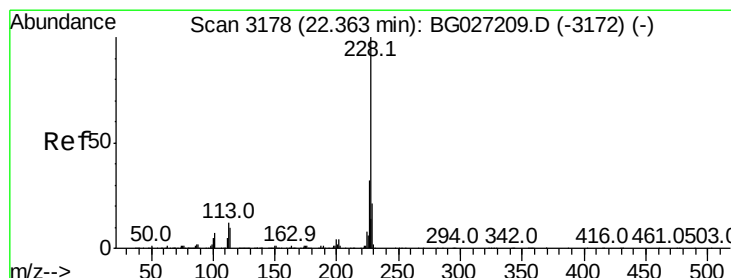
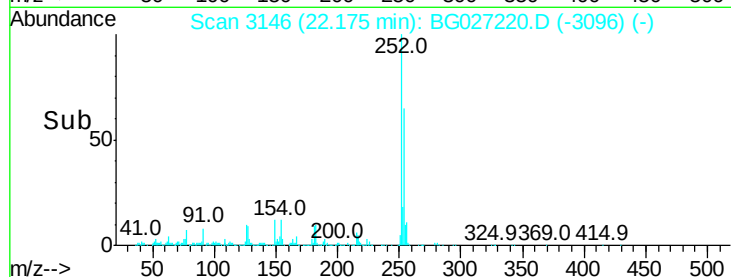
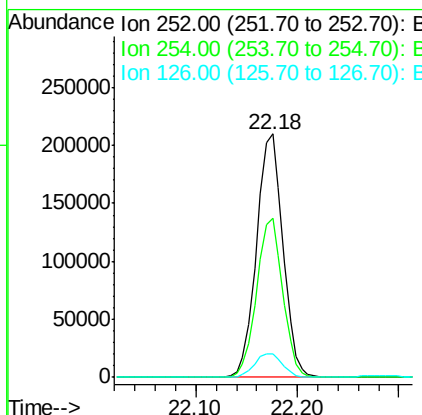
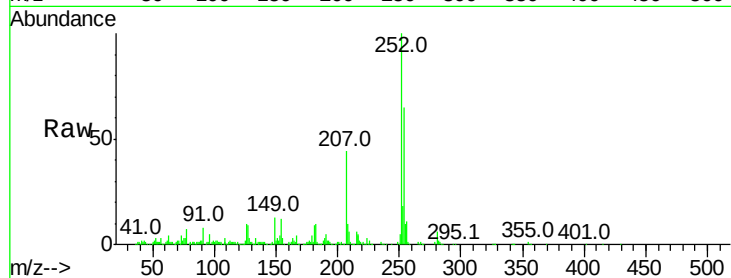




#81
 3,3'-Dichlorobenzidine
 Concen: 39.41 ng
 RT: 22.18 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

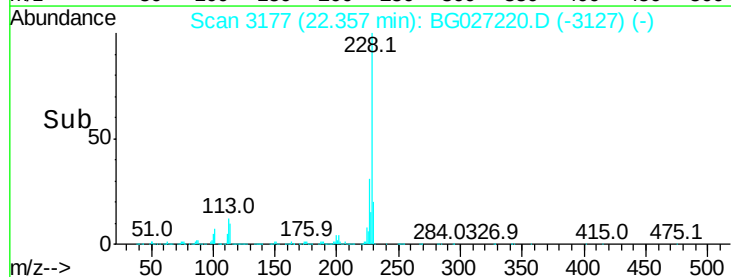
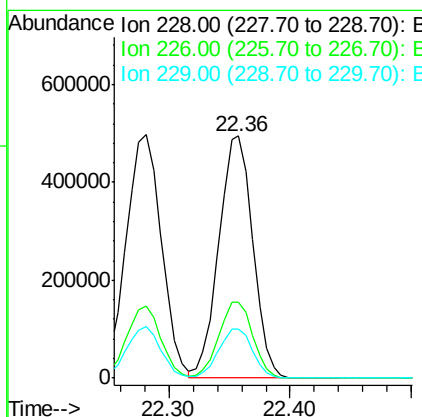
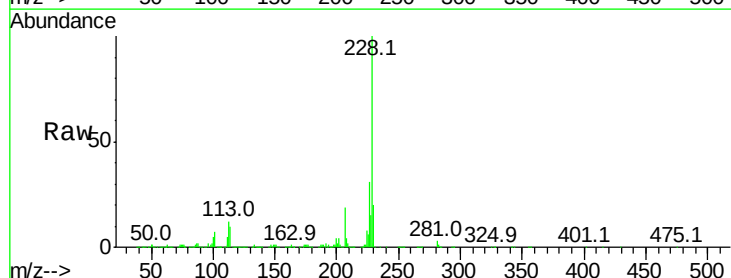
Instrument :
 BNA_G
 ClientSampleId :

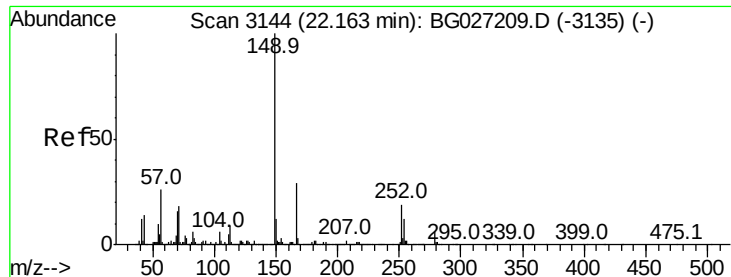
Tot Ion:252 Resp: 379197
 Ion Ratio Lower Upper
 252 100
 254 65.5 53.1 79.7
 126 9.7 7.0 10.4



#82
 Chrysene
 Concen: 40.49 ng
 RT: 22.36 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG027220.D
 Acq: 5 Jun 2017 19:54

Tgt Ion:228 Resp: 961511
 Ion Ratio Lower Upper
 228 100
 226 31.5 27.0 40.4
 229 20.4 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.74 ng

RT: 22.15 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

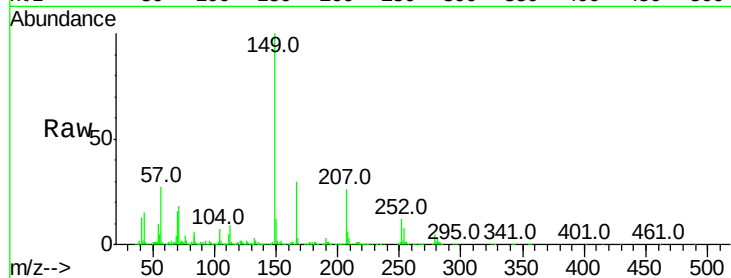
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 556016

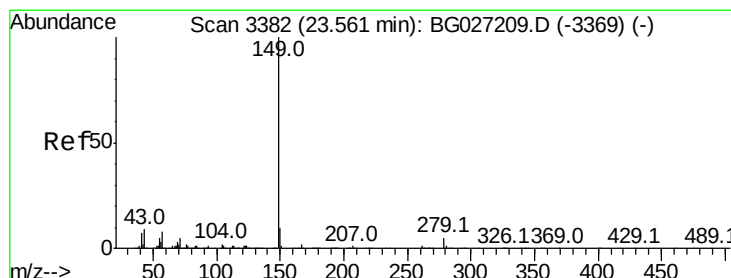
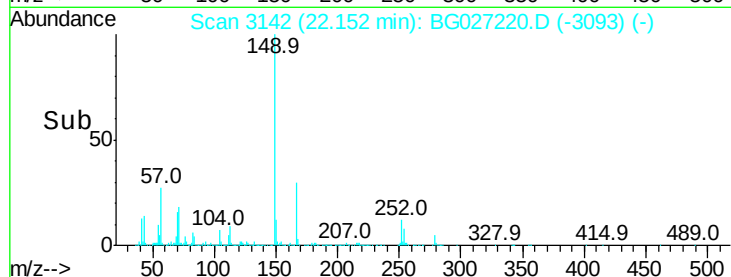
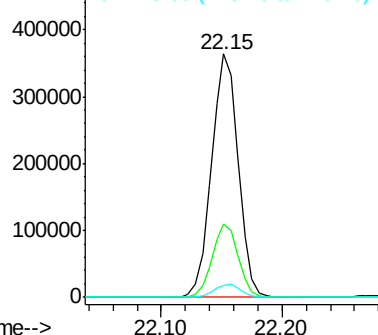
Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.7	35.5
279	5.1	4.6	6.8



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: 40.12 ng

RT: 23.54 min Scan# 3379

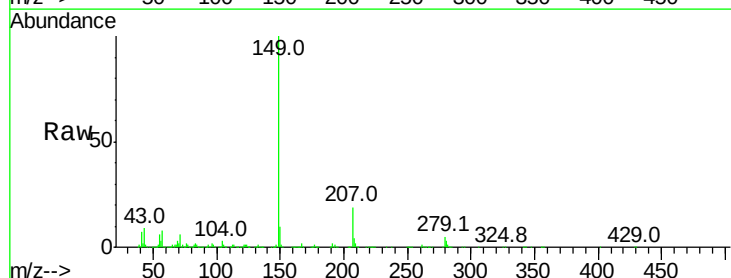
Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Tgt Ion:149 Resp: 929741

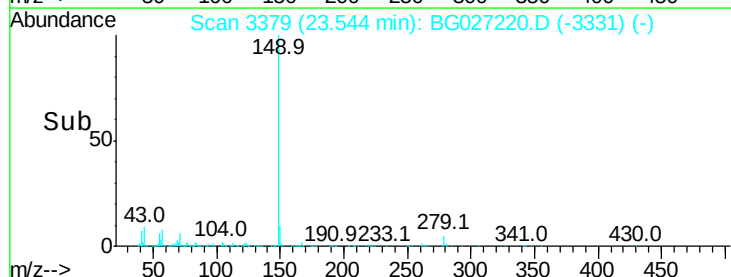
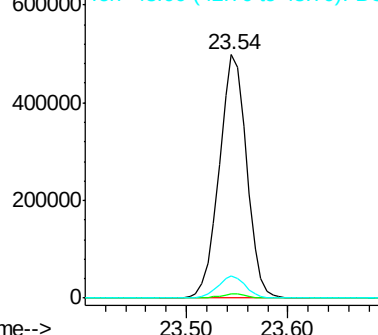
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.0	11.8	17.6

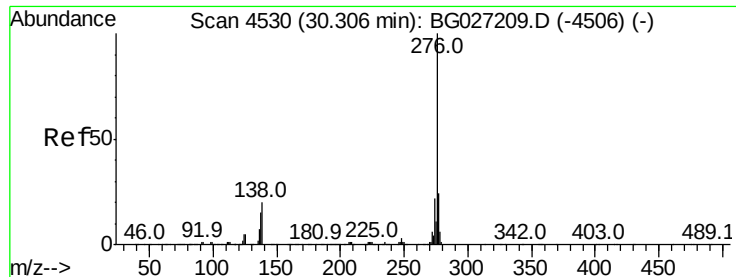


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.63 ng

RT: 30.30 min Scan# 4528

Delta R.T. -0.01 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

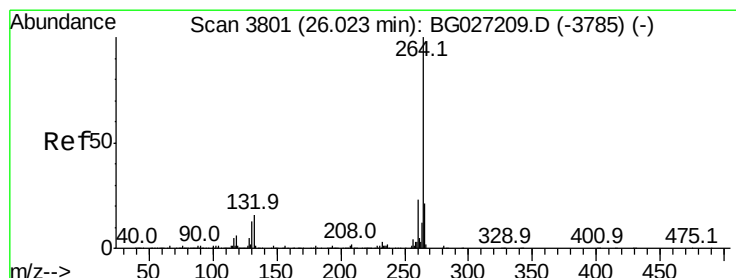
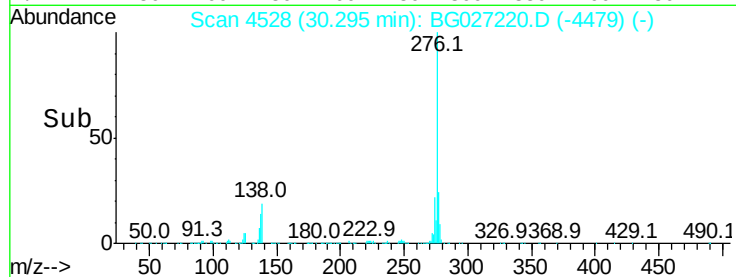
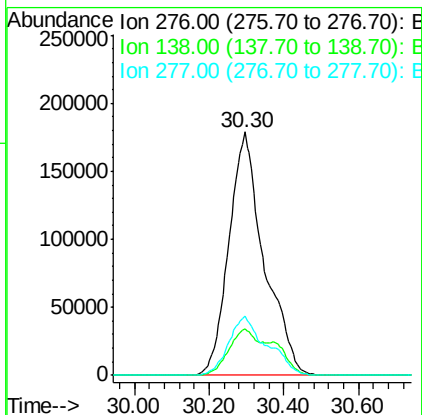
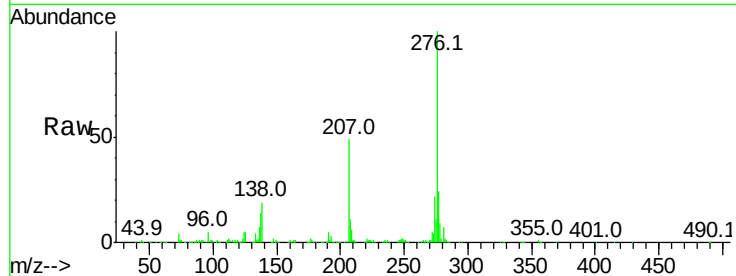
Tot Ion:276 Resp: 1168411

Ion Ratio Lower Upper

276 100

138 17.9 4.7 7.1#

277 26.3 20.6 31.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.01 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

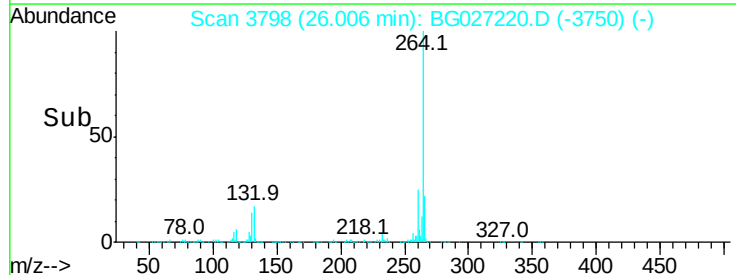
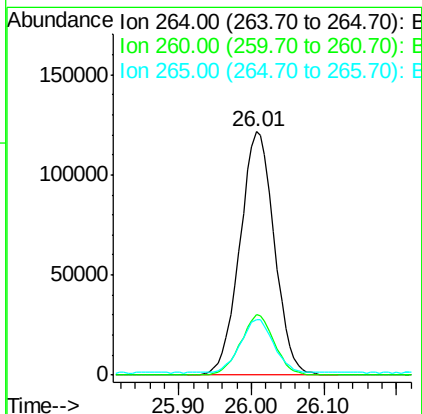
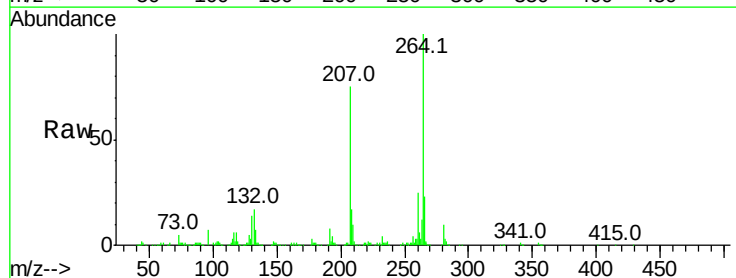
Tgt Ion:264 Resp: 401774

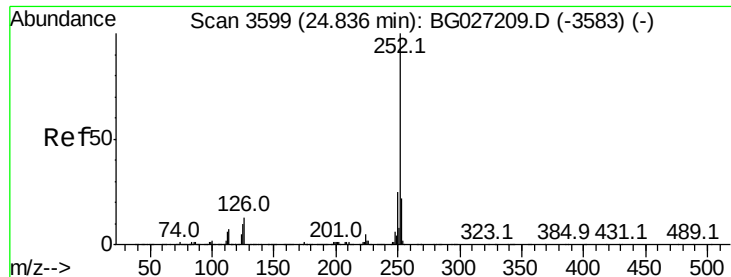
Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 23.0 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 40.75 ng

RT: 24.82 min Scan# 3596

Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampled :

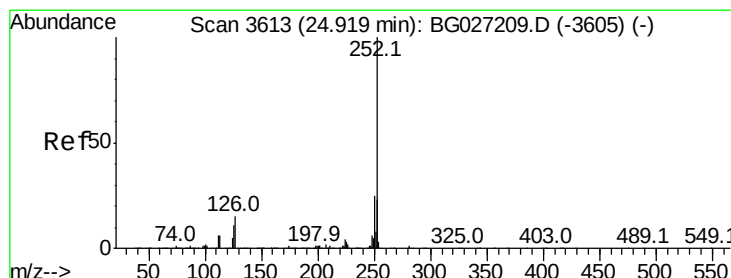
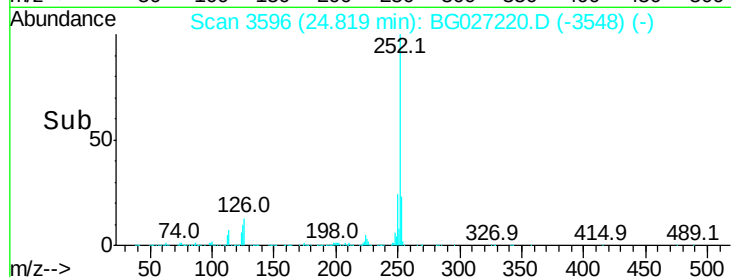
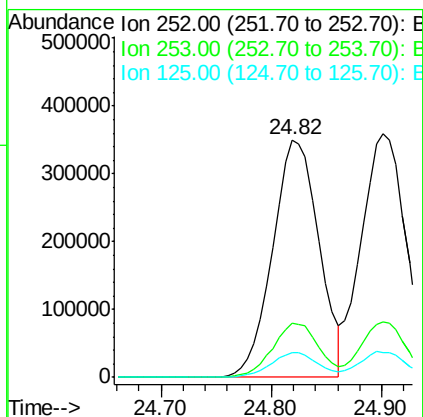
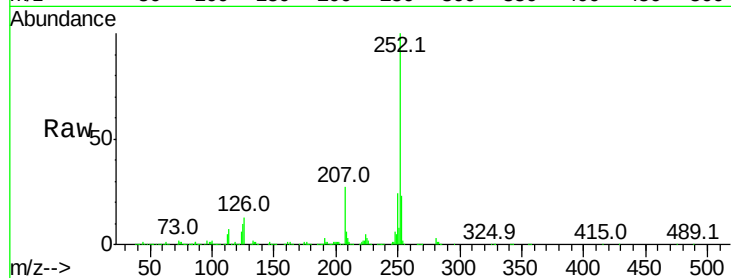
Tot Ion:252 Resp: 1015364

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

125 10.5 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 41.47 ng

RT: 24.90 min Scan# 3610

Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

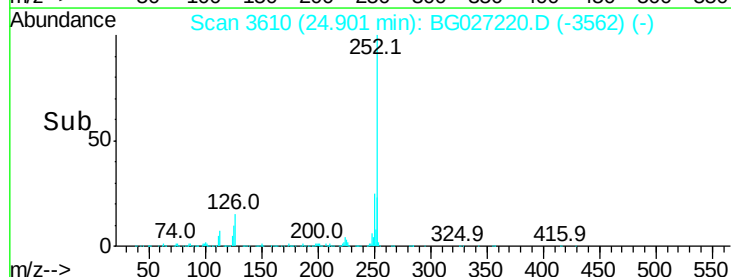
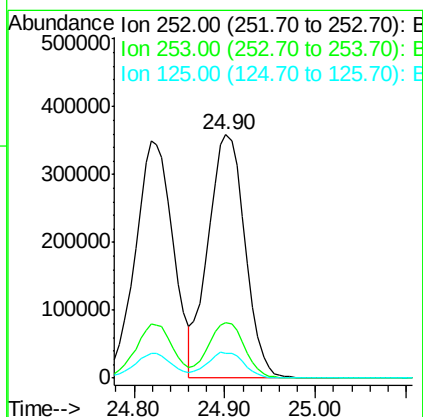
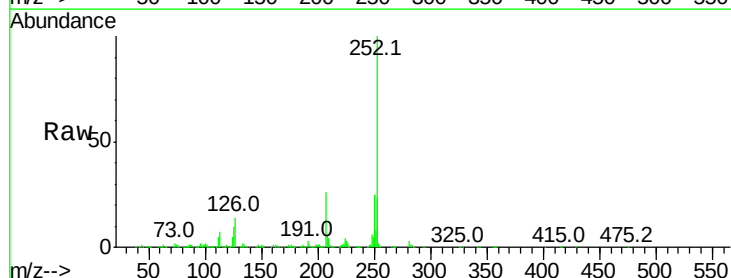
Tgt Ion:252 Resp: 1013648

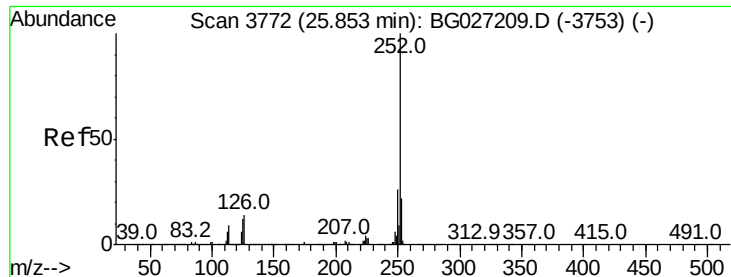
Ion Ratio Lower Upper

252 100

253 22.9 20.2 30.2

125 10.3 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 41.18 ng

RT: 25.84 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

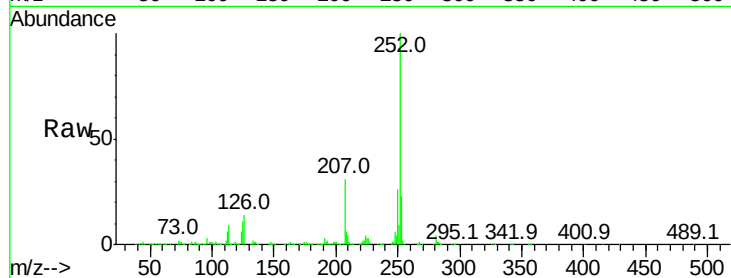
Tot Ion:252 Resp: 965987

Ion Ratio Lower Upper

252 100

253 22.8 19.2 28.8

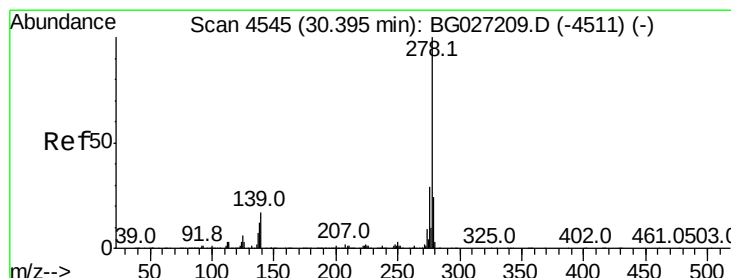
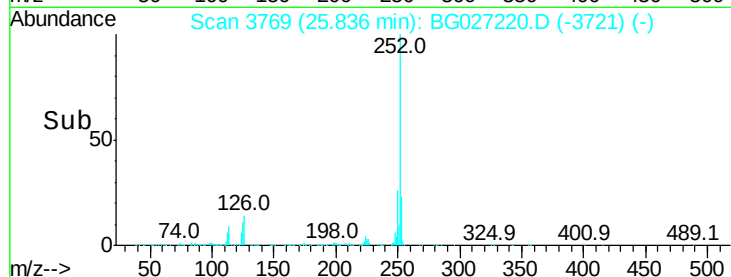
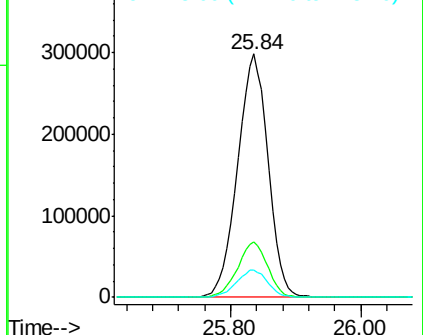
125 11.2 5.4 8.0#



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: 41.36 ng

RT: 30.38 min Scan# 4542

Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

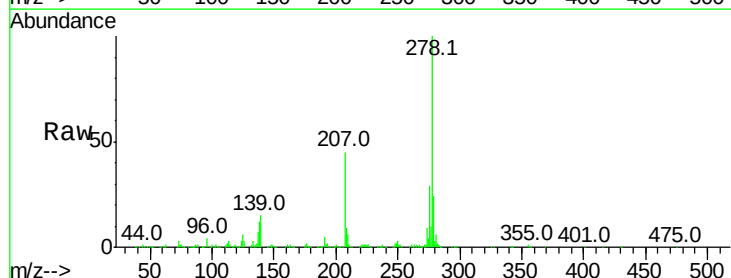
Tgt Ion:278 Resp: 1015642

Ion Ratio Lower Upper

278 100

139 15.5 7.7 11.5#

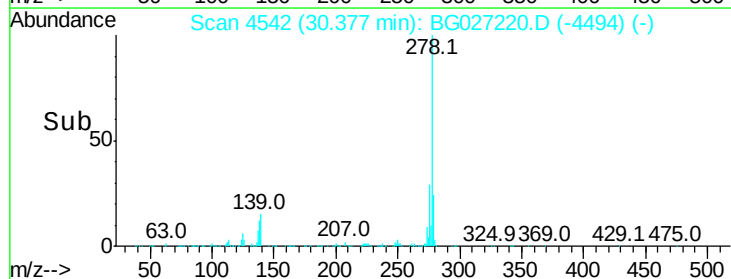
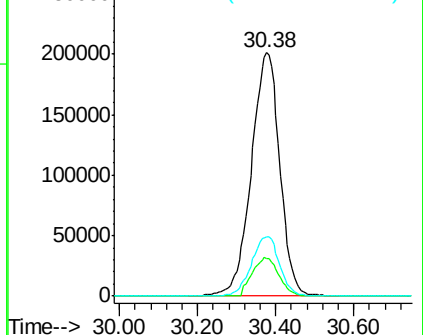
279 24.3 19.1 28.7

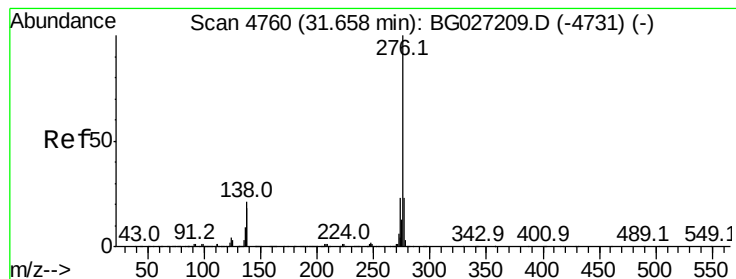


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.14 ng

RT: 31.63 min Scan# 4756

Delta R.T. -0.02 min

Lab File: BG027220.D

Acq: 5 Jun 2017 19:54

Instrument :

BNA_G

ClientSampleId :

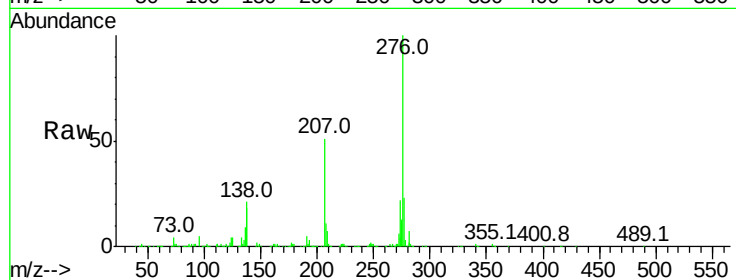
Tot Ion:276 Resp: 978335

Ion Ratio Lower Upper

276 100

277 23.4 18.6 27.8

138 20.8 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

