

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027250.D
 Acq On : 6 Jun 2017 15:34
 Operator : SJ/MA
 Sample : I3437-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Quant Time: Jun 06 18:08:55 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	8.56	152	51115	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	251343	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	165344	20.00	ng	0.00
63) Phenanthrene-d10	17.90	188	385732	20.00	ng	-0.01
75) Chrysene-d12	22.29	240	435962	20.00	ng	-0.02
86) Perylene-d12	25.99	264	409508	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	126467	37.75	ng	0.00
7) Phenol-d6	7.70	99	604850	123.01	ng	0.00
23) Nitrobenzene-d5	9.73	82	433719	108.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	59796	27.46	ng	-0.01
44) 2-Fluorobiphenyl	13.78	172	1030865	87.22	ng	-0.01
78) Terphenyl-d14	20.48	244	1471874	86.13	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	54536	39.26	ng	# 80
3) Pyridine	4.54	79	164820	38.49	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	77898	49.14	ng	# 51
6) Aniline	7.89	93	171526	27.70	ng	93
8) 2-Chlorophenol	8.13	128	118097	33.39	ng	90
9) Benzaldehyde	7.71	77	107433	31.60	ng	84
10) Phenol	7.72	94	260327	51.77	ng	77
11) bis(2-Chloroethyl)ether	7.97	93	192601	46.69	ng	85
12) 1,3-Dichlorobenzene	8.60	146	187355	46.96	ng	94
13) 1,4-Dichlorobenzene	8.60	146	187355	45.76	ng	94
14) 1,2-Dichlorobenzene	8.92	146	182566	45.72	ng	94
15) Benzyl Alcohol	8.79	79	195311	56.38	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.08	45	289219	49.00	ng	92
17) 2-Methylphenol	8.98	107	188595	53.06	ng	# 86
18) Hexachloroethane	9.66	117	65192	47.27	ng	85
19) n-Nitroso-di-n-propylamine	9.36	70	165582	48.14	ng	# 86
20) 3+4-Methylphenols	9.30	107	258490	52.50	ng	90
22) Acetophenone	9.39	105	306496	47.68	ng	# 83
24) Nitrobenzene	9.78	77	234762	51.56	ng	# 85
25) Isophorone	10.29	82	461432	49.10	ng	# 97
26) 2-Nitrophenol	10.49	139	38545	24.65	ng	# 80
27) 2,4-Dimethylphenol	10.52	122	200767	49.69	ng	93
28) bis(2-Chloroethoxy)methane	10.76	93	294151	48.34	ng	99
29) 2,4-Dichlorophenol	11.02	162	113148	30.67	ng	97
30) 1,2,4-Trichlorobenzene	11.24	180	192212	47.06	ng	99
31) Naphthalene	11.44	128	630821	45.92	ng	99
32) Benzoic acid	10.52	122	200767	67.85	ng	# 4
33) 4-Chloroaniline	11.53	127	169805	29.66	ng	# 89
34) Hexachlorobutadiene	11.71	225	112204	44.70	ng	97
35) Caprolactam	12.30	113	76072	60.13	ng	# 72
36) 4-Chloro-3-methylphenol	12.61	107	246849	53.39	ng	91
37) 2-Methylnaphthalene	13.22	142	455418	45.45	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	234476	45.52	ng	99
40) Hexachlorocyclopentadiene	13.34	237	270533	98.68	ng	94

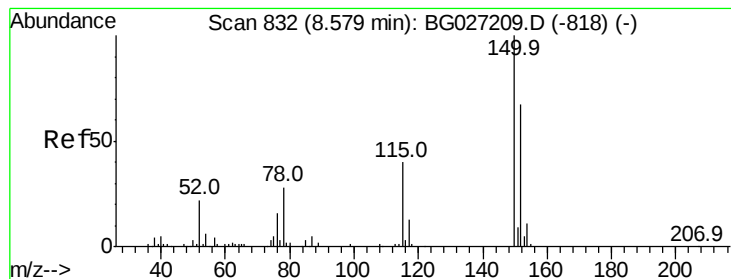
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	29873	9.56	nq	95
43) 2,4,5-Trichlorophenol	13.66	196	67662	19.35	nq	96
45) 1,1'-Biphenyl	13.99	154	632671	46.88	nq	97
46) 2-Chloronaphthalene	14.03	162	481729	47.61	nq	99
47) 2-Nitroaniline	14.23	65	163644	55.61	nq	# 80
48) Acenaphthylene	14.87	152	771834	45.07	nq	99
49) Dimethylphthalate	14.59	163	821432	62.63	nq	98
50) 2,6-Dinitrotoluene	14.71	165	138203	51.41	nq	# 78
51) Acenaphthene	15.22	154	476850	42.81	nq	97
52) 3-Nitroaniline	15.05	138	120946	43.83	nq	83
53) 2,4-Dinitrophenol	15.23	184	421	5.11	nq	# 1
54) Dibenzofuran	15.54	168	774929	49.78	nq	92
55) 4-Nitrophenol	15.32	139	9249	9.57	nq	# 53
56) 2,4-Dinitrotoluene	15.49	165	186500	53.73	nq	# 86
57) Fluorene	16.19	166	624173	45.15	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	15430	4.94	nq	93
59) Diethylphthalate	15.94	149	652190	49.85	nq	98
60) 4-Chlorophenyl-phenylether	16.17	204	324808	46.64	nq	94
61) 4-Nitroaniline	16.20	138	150653	52.62	nq	# 66
62) Azobenzene	16.47	77	644169	53.12	nq	90
64) 4,6-Dinitro-2-methylphenol	16.25	198	4657	8.11	nq	# 65
65) n-Nitrosodiphenylamine	16.38	169	572559	47.35	nq	99
66) 4-Bromophenyl-phenylether	17.07	248	214759	47.04	nq	96
67) Hexachlorobenzene	17.20	284	228912	46.62	nq	91
68) Atrazine	17.32	200	214406	53.02	nq	98
69) Pentachlorophenol	17.54	266	24424	8.49	nq	98
70) Phenanthrene	17.94	178	1008114	46.45	nq	95
71) Anthracene	18.04	178	1020923	46.96	nq	99
72) Carbazole	18.29	167	910500	44.40	nq	96
73) Di-n-butylphthalate	18.83	149	1074305	54.03	nq	# 94
74) Fluoranthene	19.93	202	1119900	48.30	nq	95
76) Benzidine	20.10	184	520566	39.64	nq	98
77) Pyrene	20.29	202	1157040	43.93	nq	98
79) Butylbenzylphthalate	21.19	149	485206	52.13	nq	92
80) Benzo(a)anthracene	22.27	228	1151199	46.30	nq	96
81) 3,3'-Dichlorobenzidine	22.16	252	299882	31.00	nq	# 97
82) Chrysene	22.34	228	1075944	45.08	nq	97
83) Bis(2-ethylhexyl)phthalate	22.14	149	708618	50.38	nq	100
84) Di-n-octyl phthalate	23.52	149	1207549	51.84	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.26	276	1374807	47.56	nq	# 93
87) Benzo(b)fluoranthene	24.80	252	1178711	46.41	nq	# 96
88) Benzo(k)fluoranthene	24.89	252	1139353	45.73	nq	# 93
89) Benzo(a)pyrene	25.82	252	1127403	47.16	nq	# 95
90) Dibenzo(a,h)anthracene	30.35	278	1175239	46.96	nq	# 95
91) Benzo(g,h,i)perylene	31.60	276	1121153	46.26	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.56 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampled :

COMP-IMS

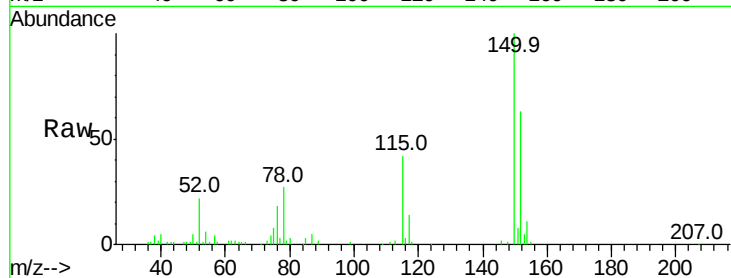
Tot Ion:152 Resp: 51115

Ion Ratio Lower Upper

152 100

150 157.8 114.0 171.0

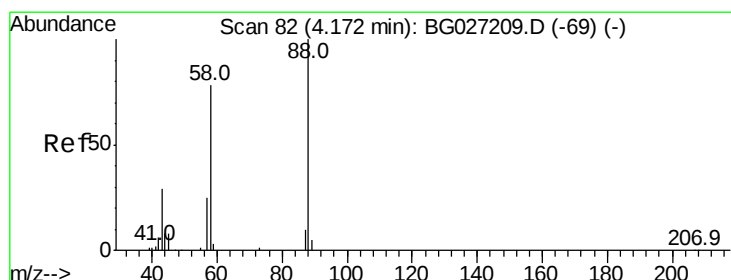
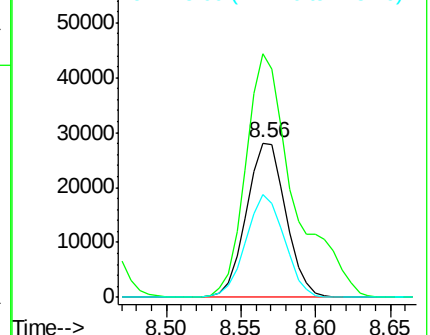
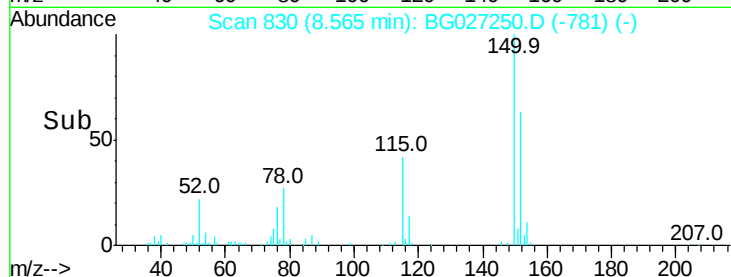
115 66.3 48.1 72.1



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: 39.26 ng

RT: 4.16 min Scan# 80

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

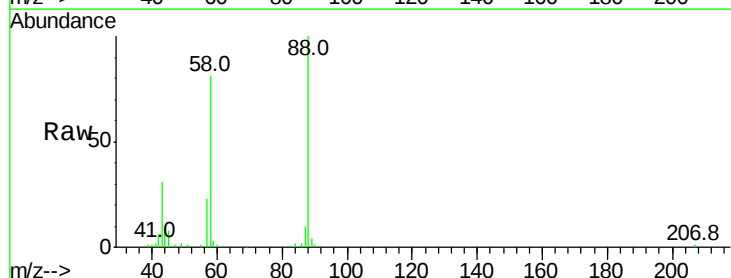
Tgt Ion: 88 Resp: 54536

Ion Ratio Lower Upper

88 100

58 79.1 79.4 119.2#

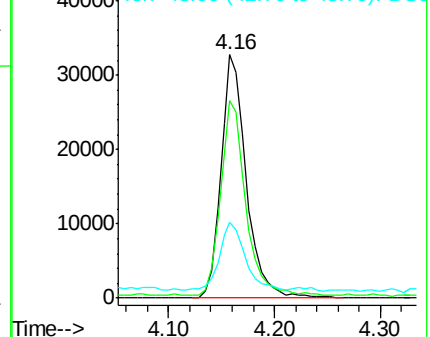
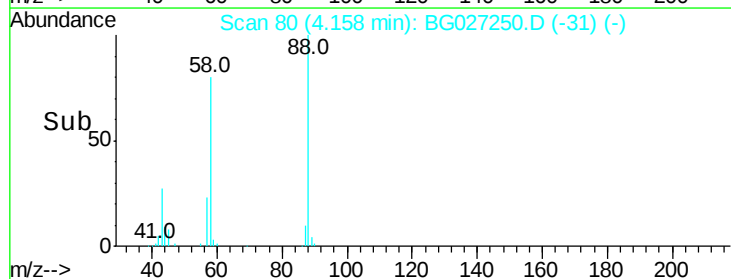
43 28.9 33.8 50.6#



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: 38.49 ng

RT: 4.54 min Scan# 145

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

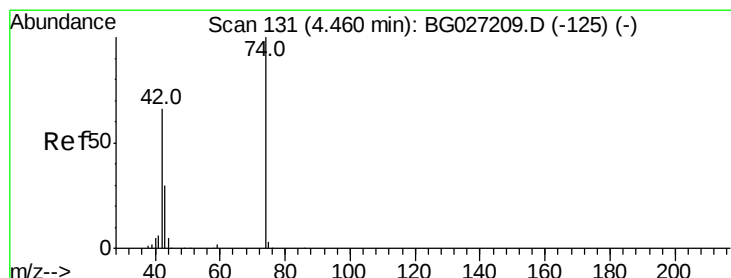
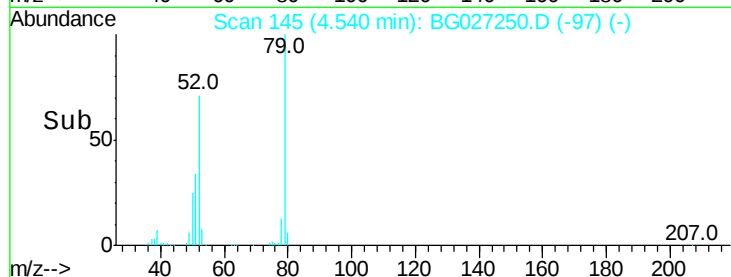
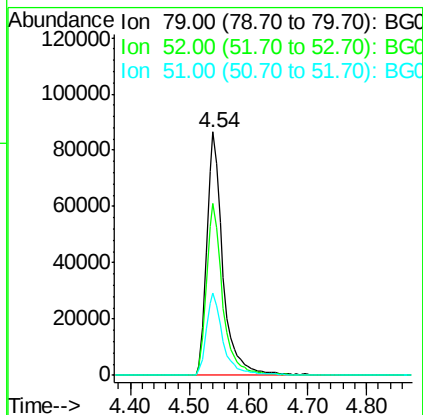
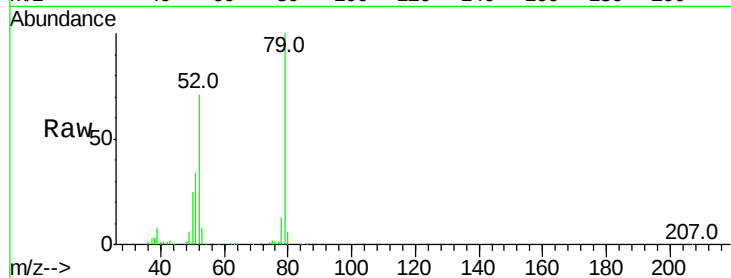
Tot Ion: 79 Resp: 164820

Ion Ratio Lower Upper

79 100

52 70.5 77.8 116.6#

51 33.8 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 49.14 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

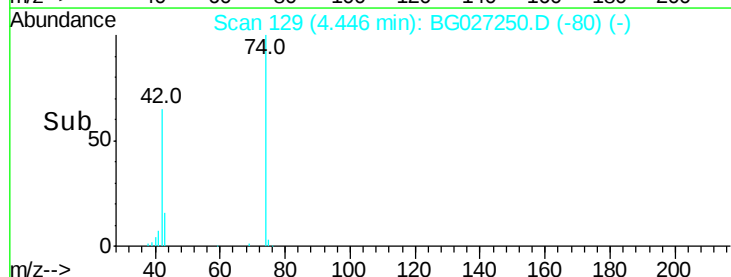
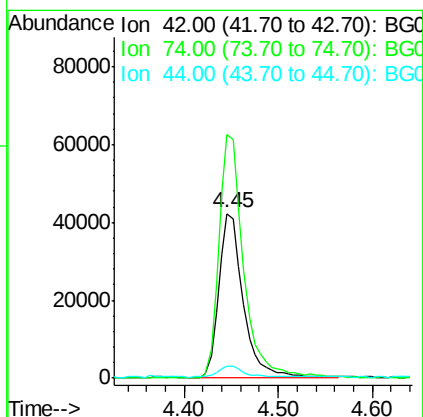
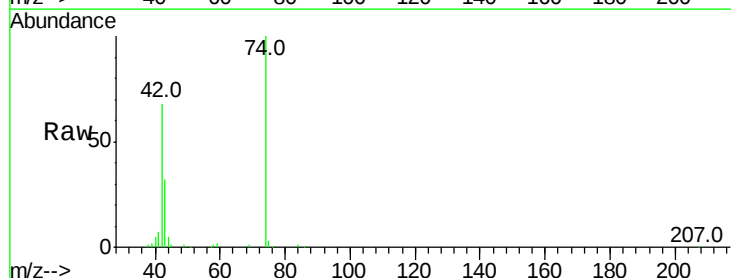
Tgt Ion: 42 Resp: 77898

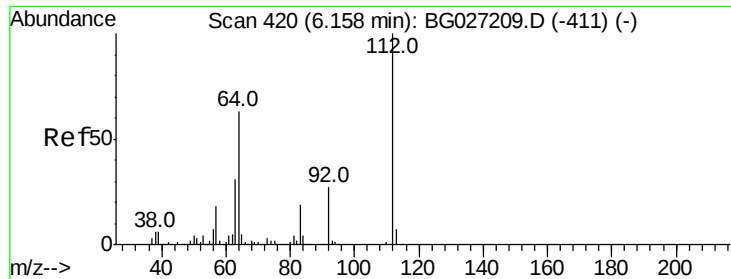
Ion Ratio Lower Upper

42 100

74 147.8 76.7 115.1#

44 7.2 6.1 9.1





#5

2-Fluorophenol

Concen: 37.75 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

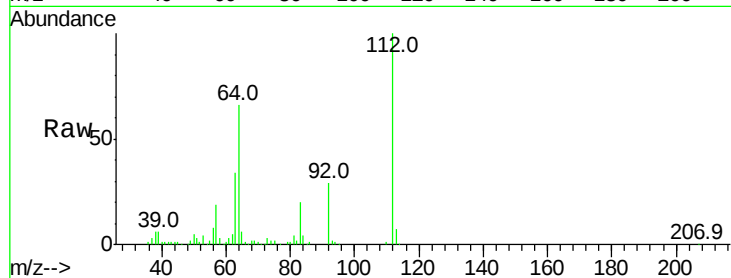
Tot Ion:112 Resp: 126467

Ion Ratio Lower Upper

112 100

64 65.7 61.8 92.6

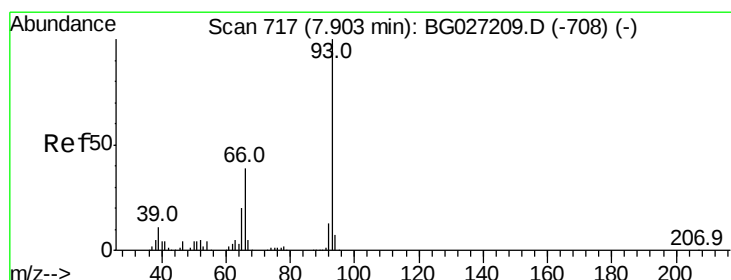
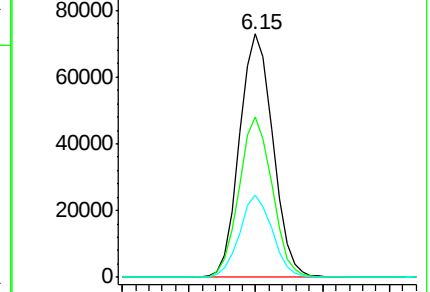
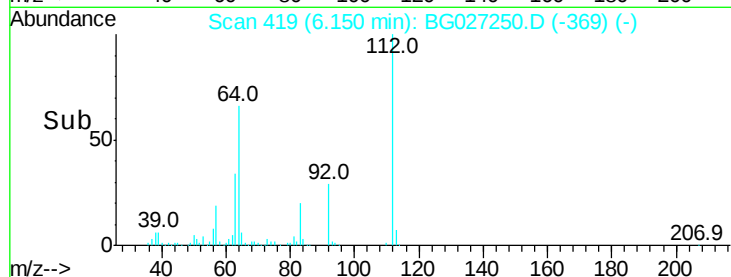
63 33.6 37.2 55.8#



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: 27.70 ng

RT: 7.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

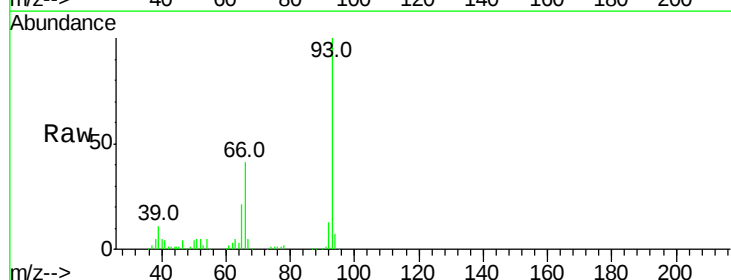
Tgt Ion: 93 Resp: 171526

Ion Ratio Lower Upper

93 100

66 41.3 35.4 53.2

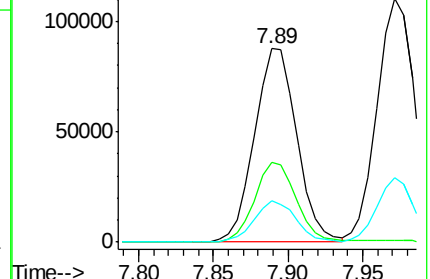
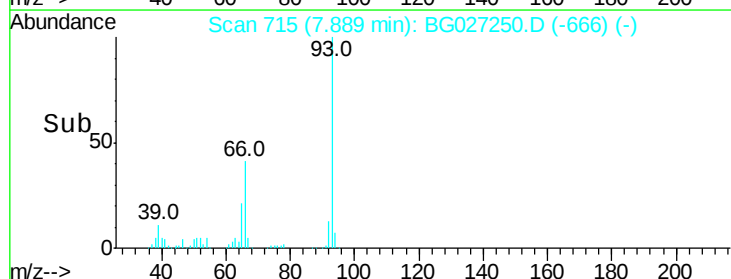
65 21.3 21.2 31.8

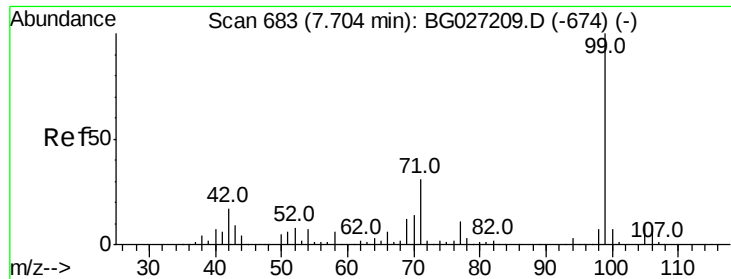


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.01 ng

RT: 7.70 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

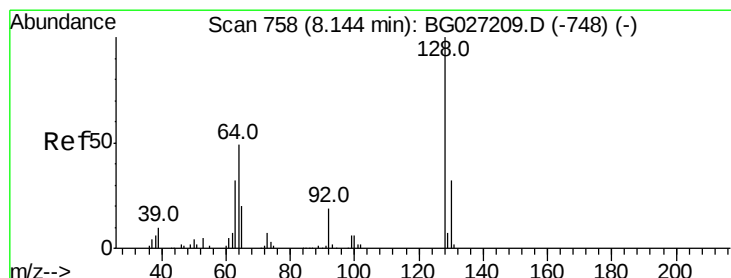
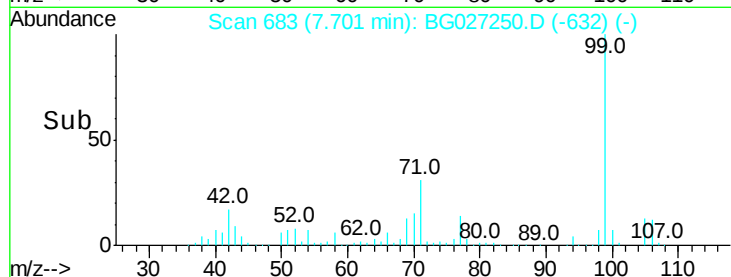
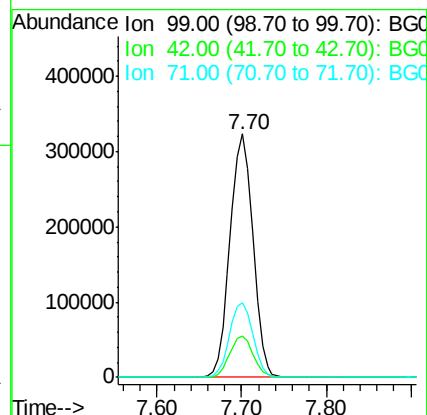
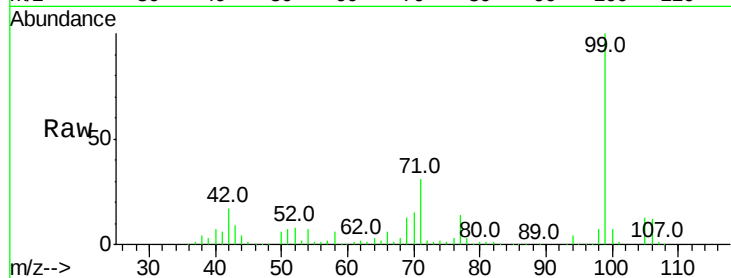
Tot Ion: 99 Resp: 604850

Ion Ratio Lower Upper

99 100

42 16.8 20.5 30.7#

71 30.9 37.6 56.4#



#8

2-Chlorophenol

Concen: 33.39 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

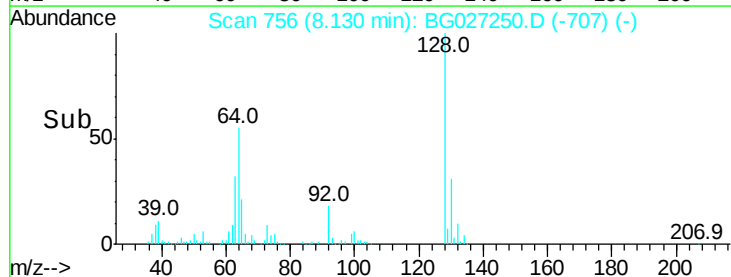
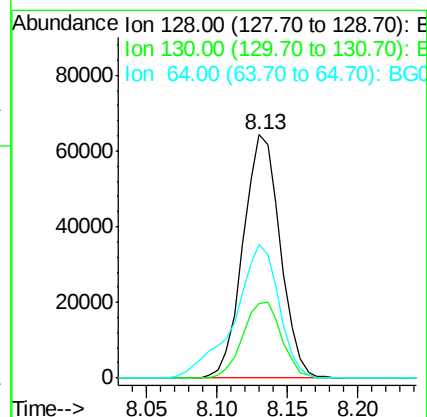
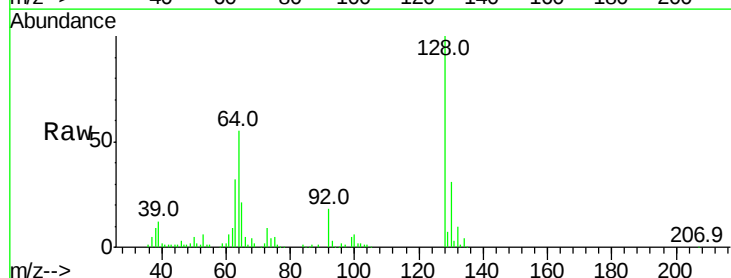
Tgt Ion:128 Resp: 118097

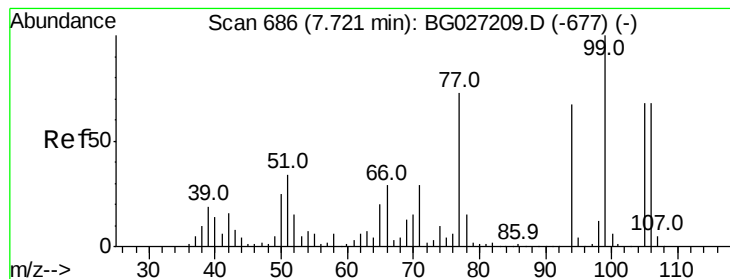
Ion Ratio Lower Upper

128 100

130 30.9 11.4 51.4

64 54.9 46.6 86.6





#9

Benzaldehyde

Concen: 31.60 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampled :

COMP-IMS

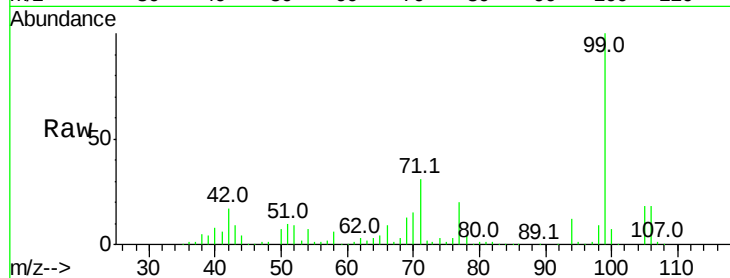
Tot Ion: 77 Resp: 107433

Ion Ratio Lower Upper

77 100

105 93.6 60.9 100.9

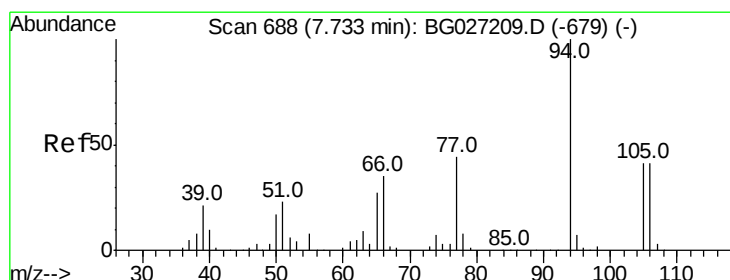
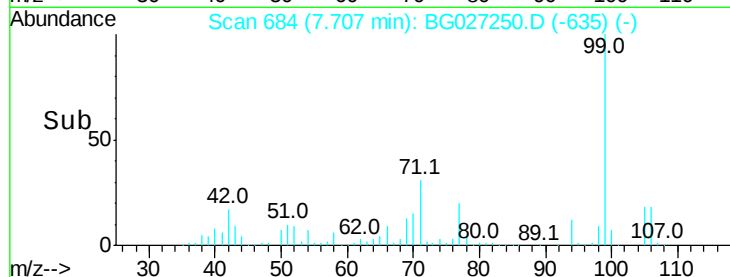
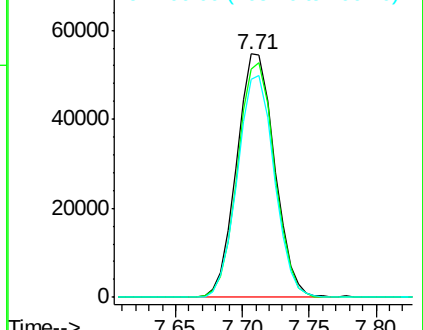
106 89.7 55.1 95.1



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: 51.77 ng

RT: 7.72 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

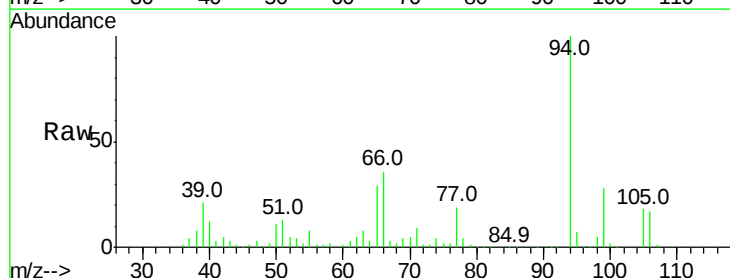
Tgt Ion: 94 Resp: 260327

Ion Ratio Lower Upper

94 100

65 29.3 20.6 60.6

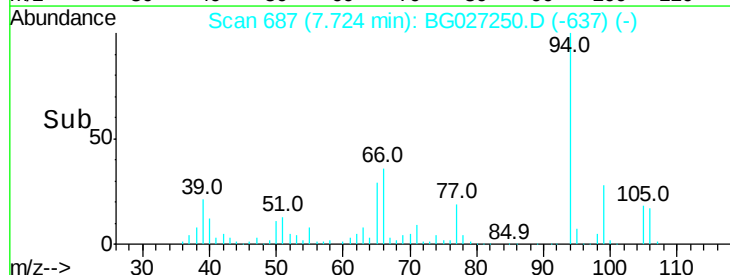
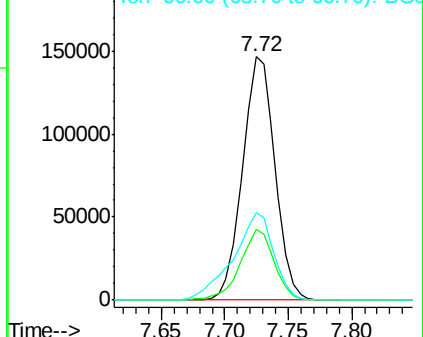
66 36.1 35.5 75.5

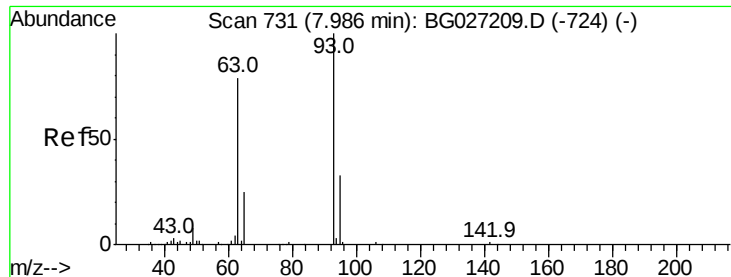


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

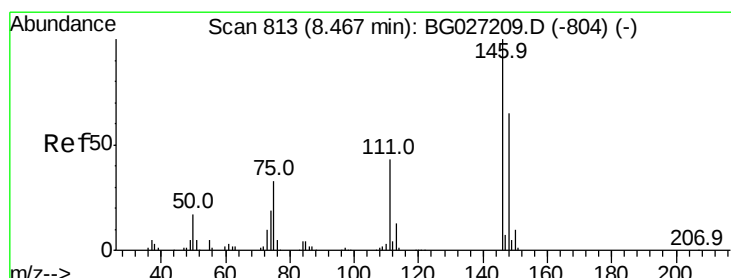
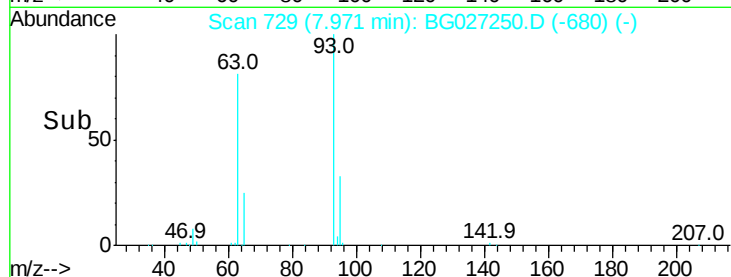
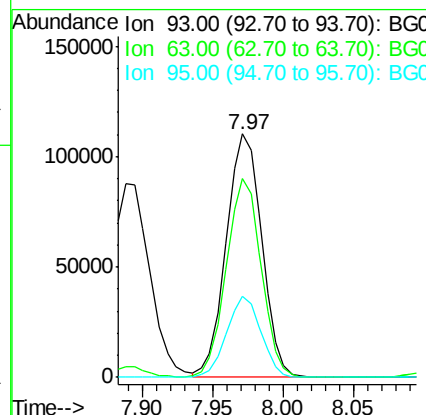
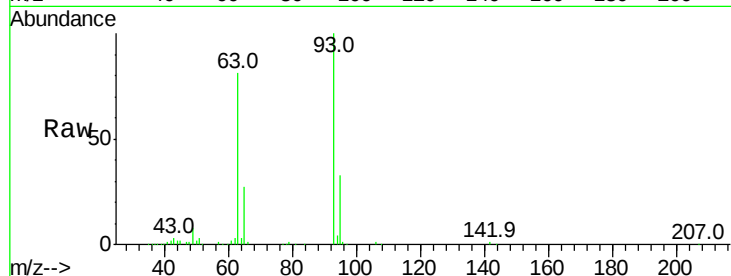




#11
bis(2-Chloroethyl)ether
Concen: 46.69 ng
RT: 7.97 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

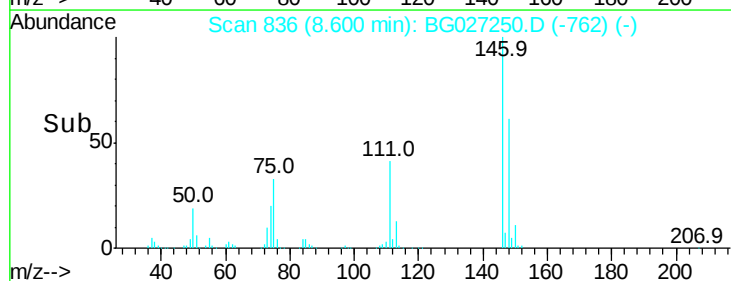
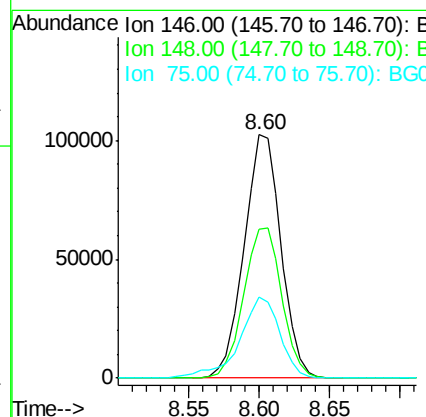
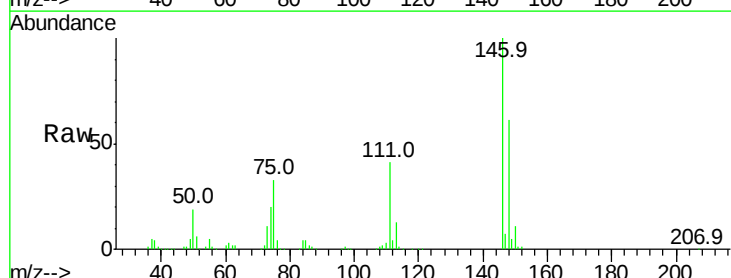
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion: 93 Resp: 192601
Ion Ratio Lower Upper
93 100
63 81.5 78.5 118.5
95 33.3 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 46.96 ng
RT: 8.60 min Scan# 836
Delta R.T. 0.13 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion: 146 Resp: 187355
Ion Ratio Lower Upper
146 100
148 61.3 49.2 73.8
75 33.4 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 45.76 ng

RT: 8.60 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

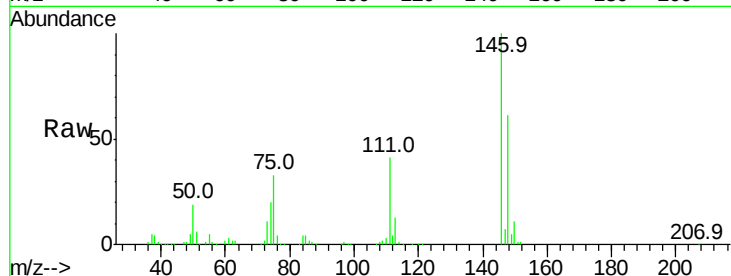
Tot Ion:146 Resp: 187355

Ion Ratio Lower Upper

146 100

148 61.3 52.2 78.2

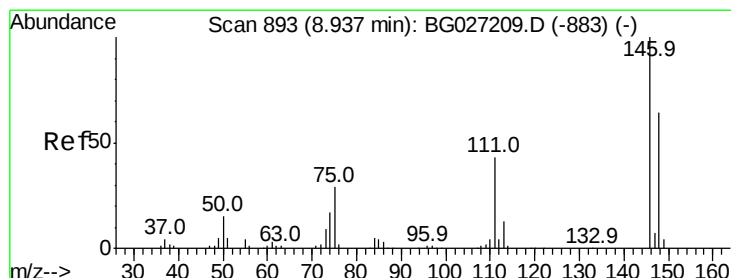
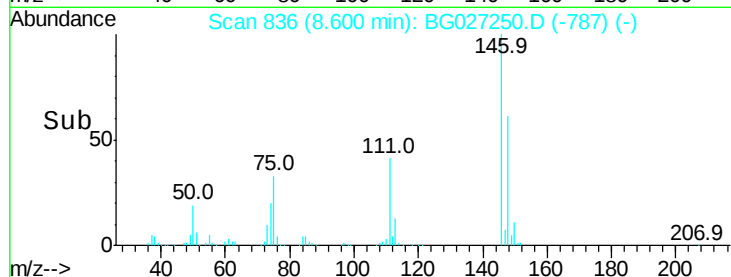
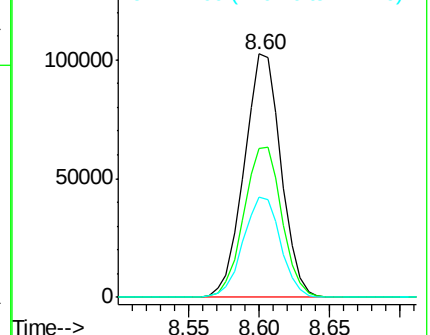
111 41.1 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.72 ng

RT: 8.92 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

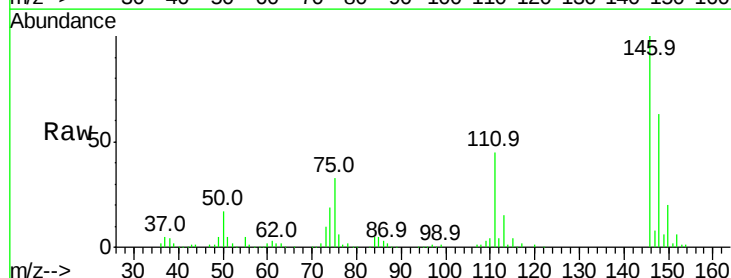
Tgt Ion:146 Resp: 182566

Ion Ratio Lower Upper

146 100

148 63.3 54.6 81.8

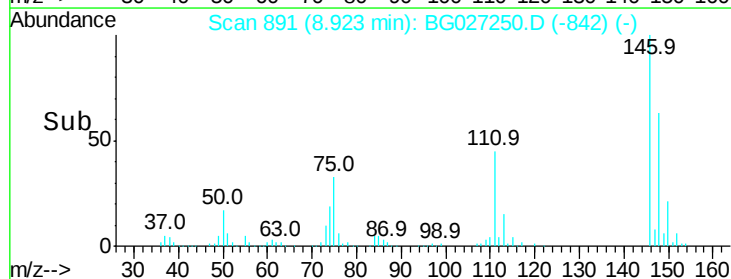
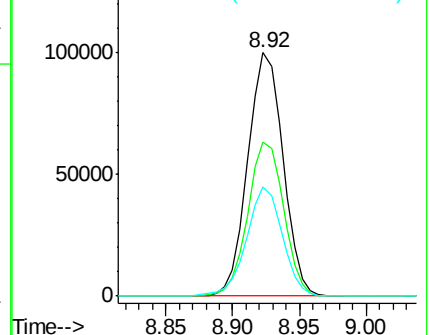
111 44.8 39.7 59.5

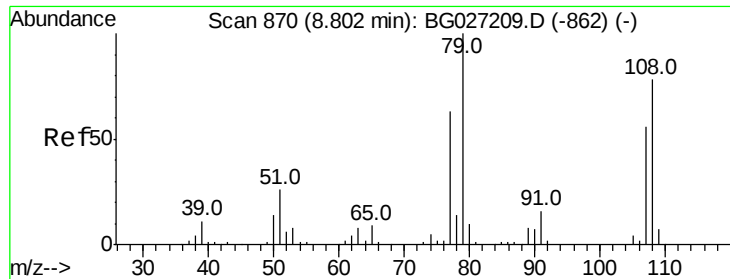


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.38 ng

RT: 8.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampled :

COMP-IMS

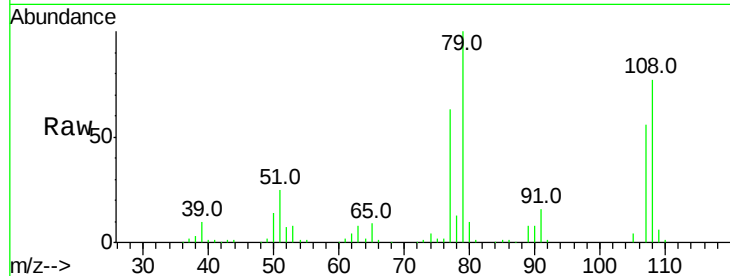
Tot Ion: 79 Resp: 195311

Ion Ratio Lower Upper

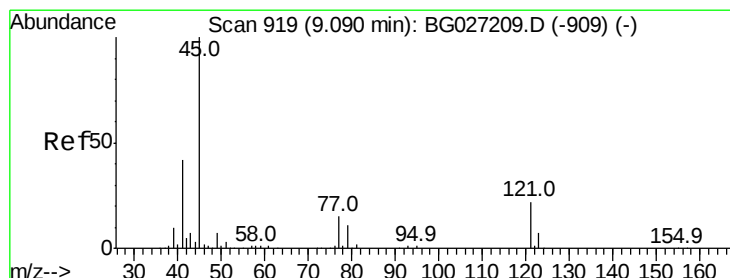
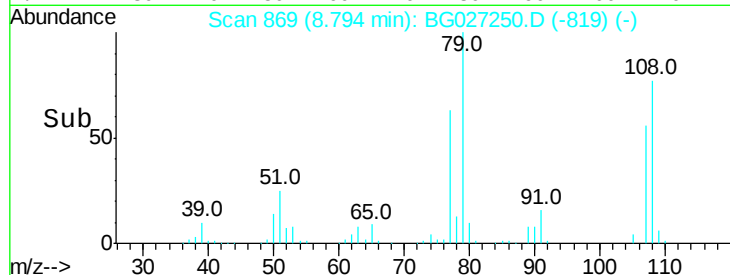
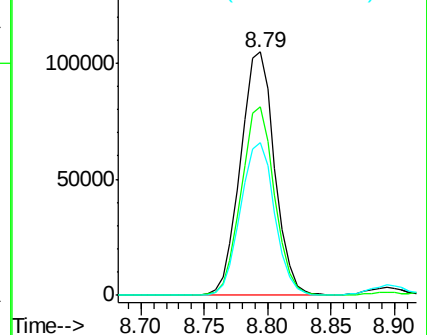
79 100

108 77.4 45.5 68.3#

77 63.0 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: 49.00 ng

RT: 9.08 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

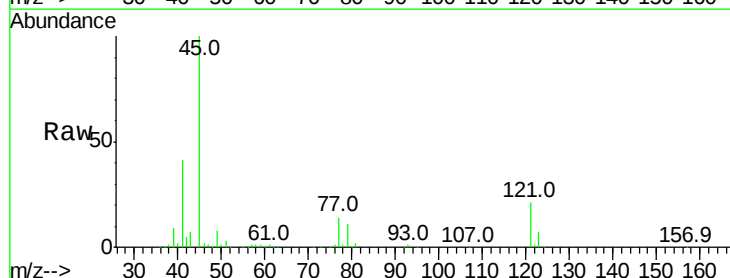
Tgt Ion: 45 Resp: 289219

Ion Ratio Lower Upper

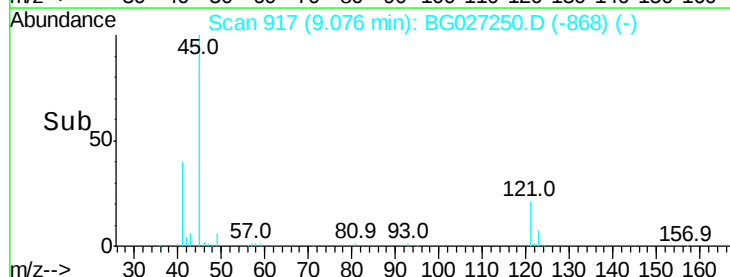
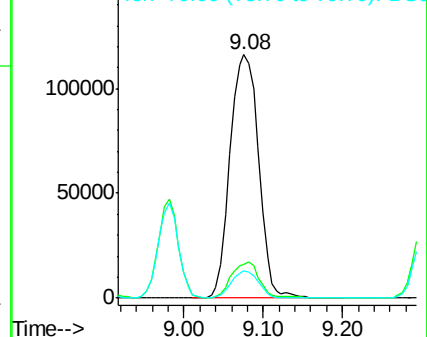
45 100

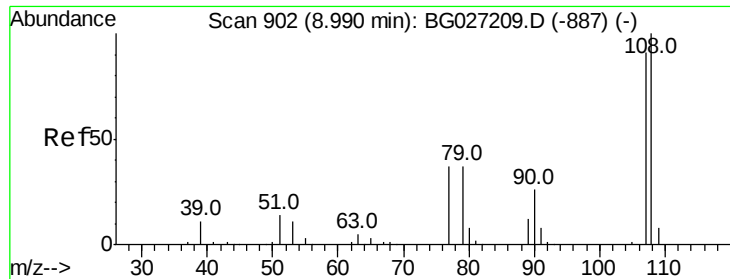
77 14.0 0.0 30.6

79 11.2 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

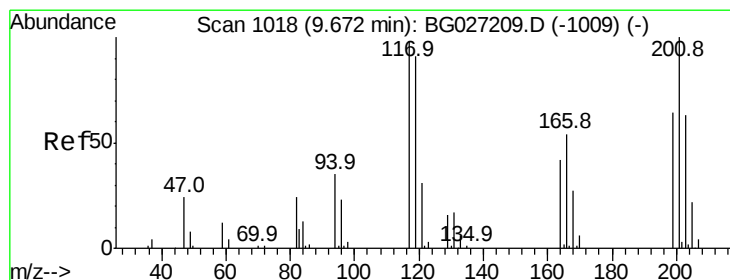
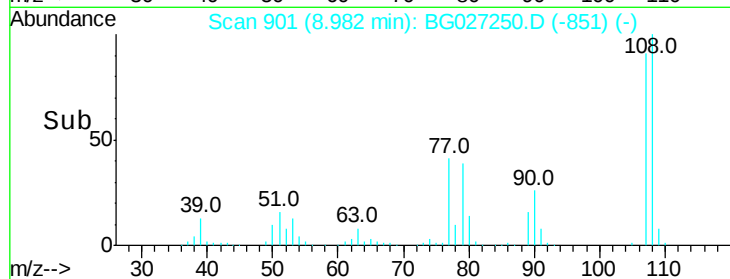
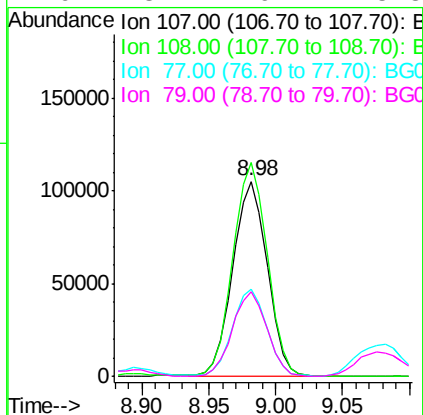
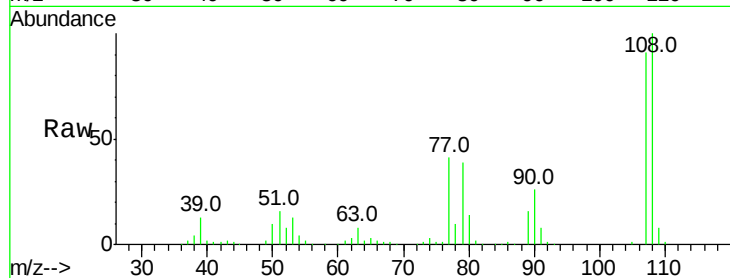




#17
2-Methylphenol
Concen: 53.06 ng
RT: 8.98 min Scan# 901
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

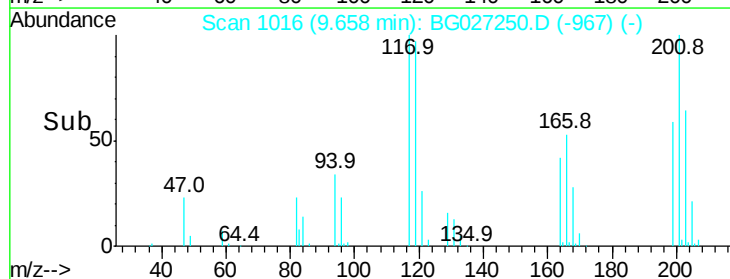
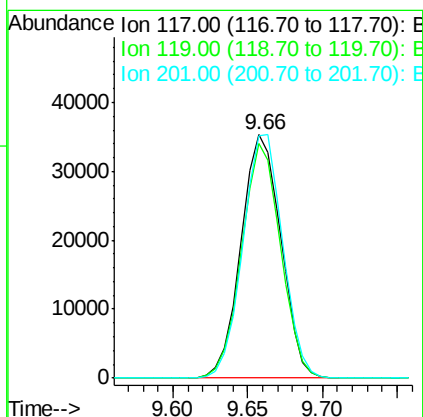
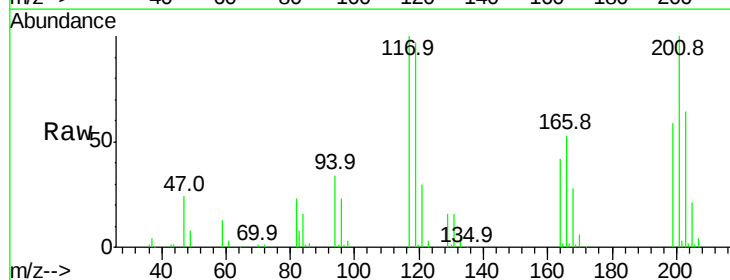
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

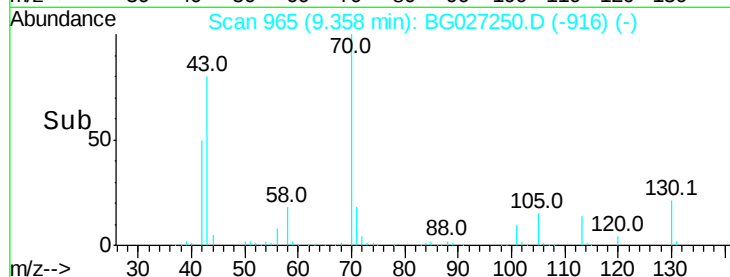
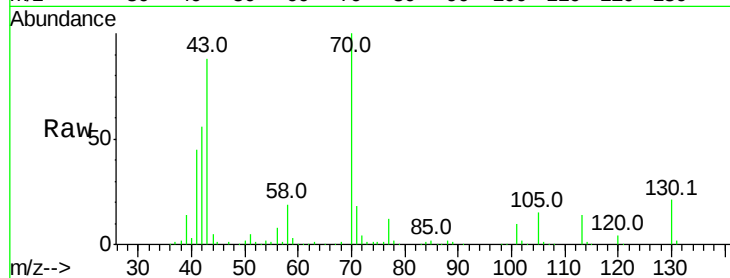
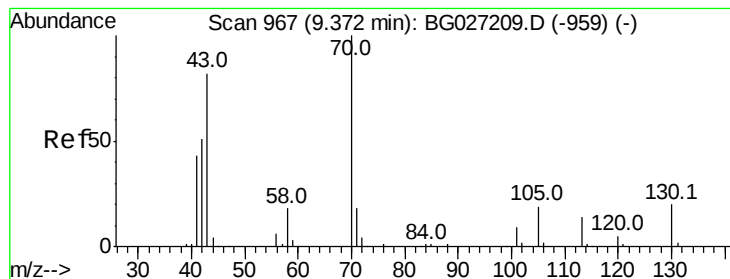
Tot Ion:107 Resp: 188595
Ion Ratio Lower Upper
107 100
108 109.4 85.6 128.4
77 44.7 51.4 77.2#
79 43.2 49.2 73.8#



#18
Hexachloroethane
Concen: 47.27 ng
RT: 9.66 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:117 Resp: 65192
Ion Ratio Lower Upper
117 100
119 96.6 69.8 104.6
201 99.6 95.4 143.0





#19

n-Nitroso-di-n-propylamine

Concen: 48.14 ng

RT: 9.36 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

Tot Ion: 70 Resp: 165582

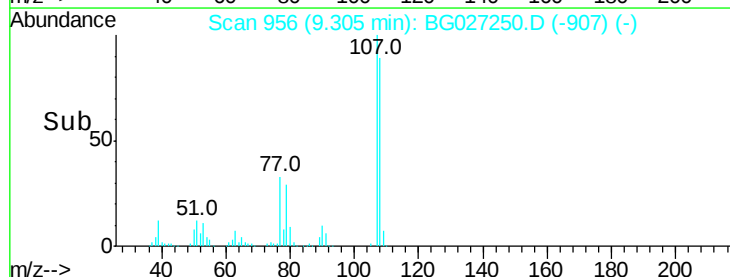
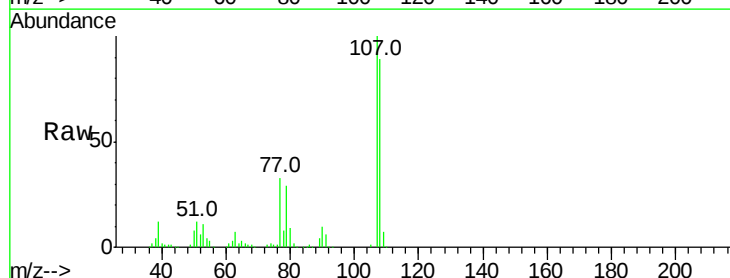
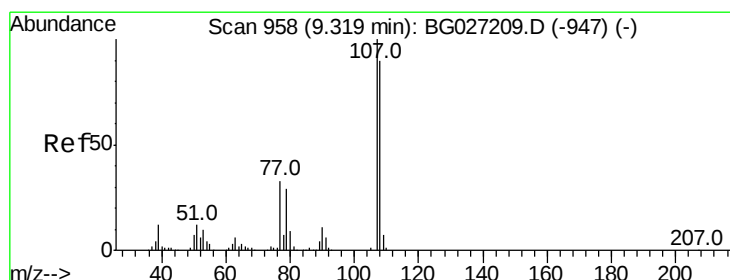
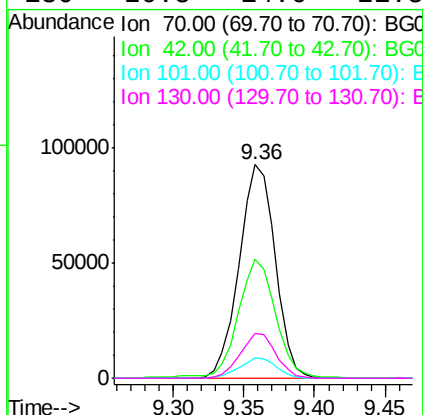
Ion Ratio Lower Upper

70 100

42 55.9 56.1 84.1#

101 9.7 7.5 11.3

130 20.8 14.6 21.8



#20

3+4-Methylphenols

Concen: 52.50 ng

RT: 9.30 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:107 Resp: 258490

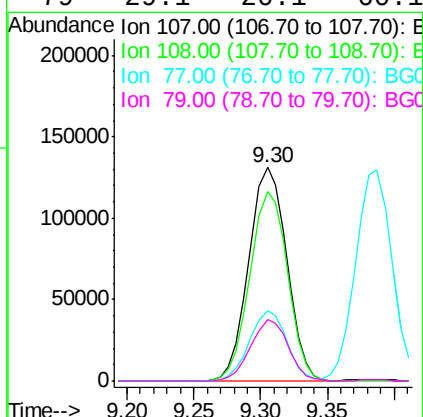
Ion Ratio Lower Upper

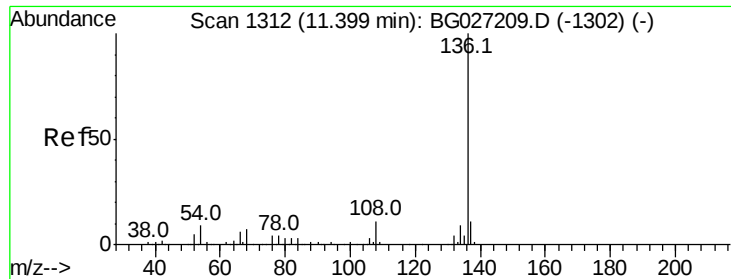
107 100

108 88.9 70.8 110.8

77 32.8 25.8 65.8

79 29.1 20.1 60.1

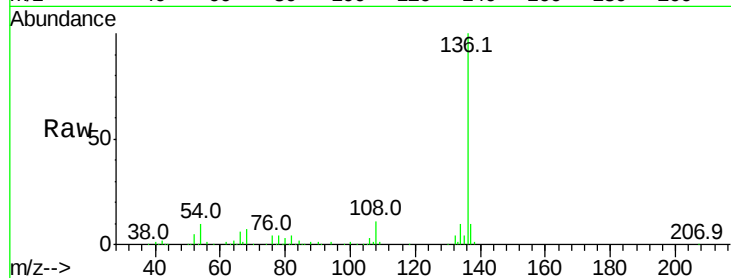




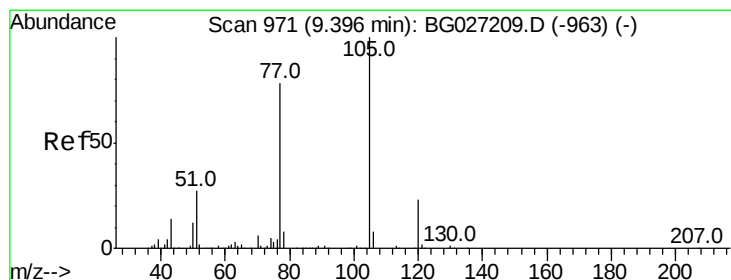
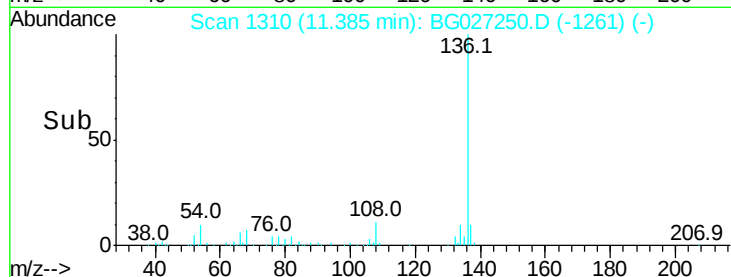
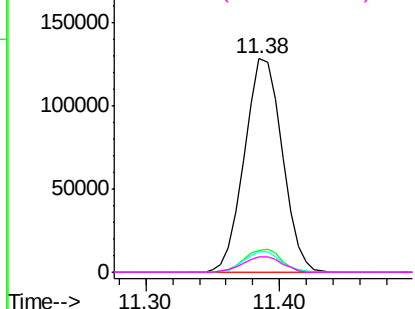
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.38 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-1MS

Tot Ion:136	Resp:	251343
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 9.6	9.3	13.9
68 7.3	5.1	7.7

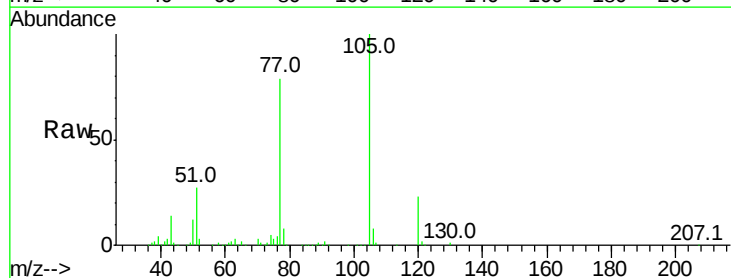


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

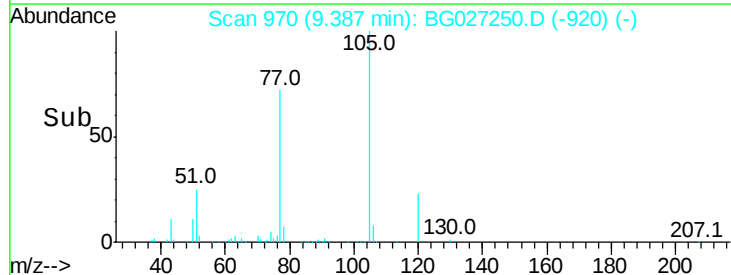
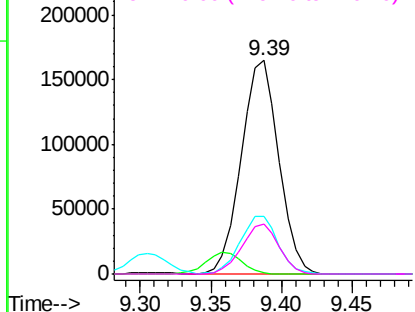


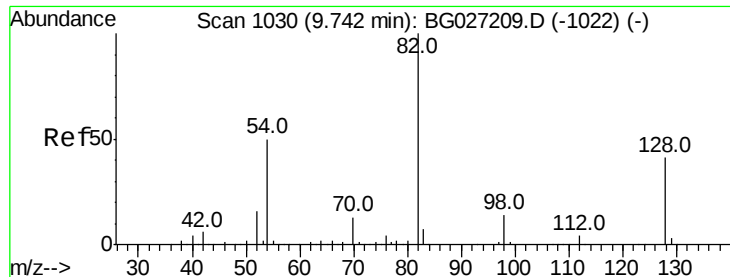
#22
Acetophenone
Concen: 47.68 ng
RT: 9.39 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt	Ion:105	Resp:	306496
Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.9	1.3#
51	26.7	34.0	51.0#
120	23.3	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
250000
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

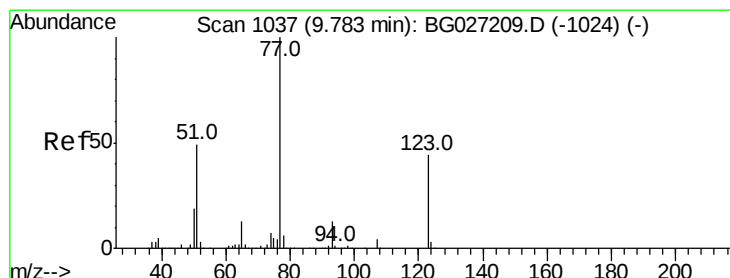
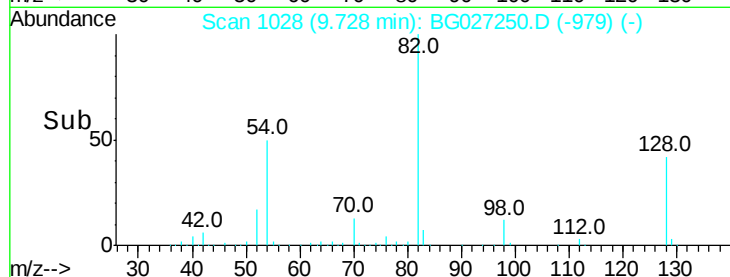
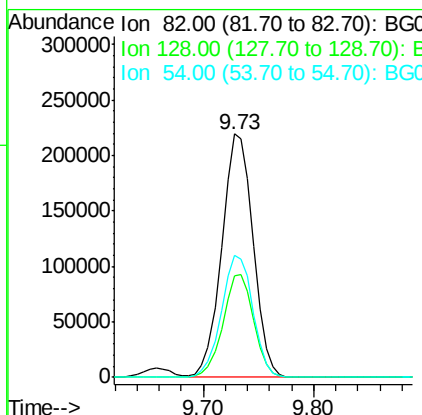
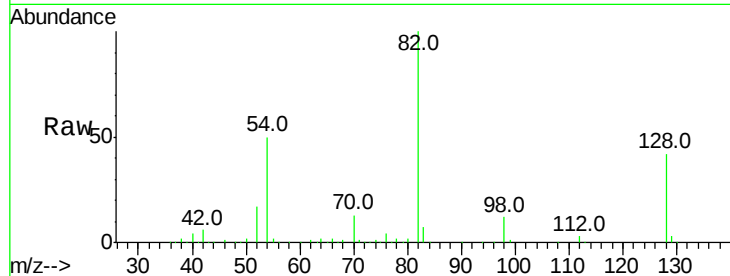




#23
 Nitrobenzene-d5
 Concen: 108.52 ng
 RT: 9.73 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

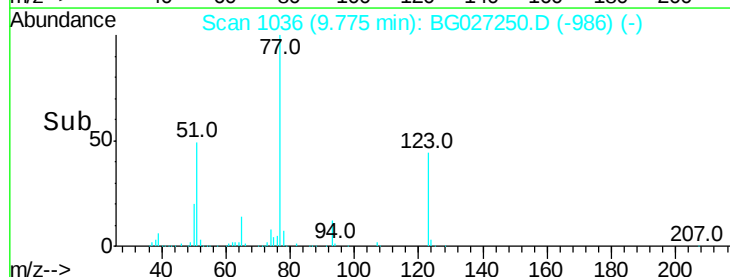
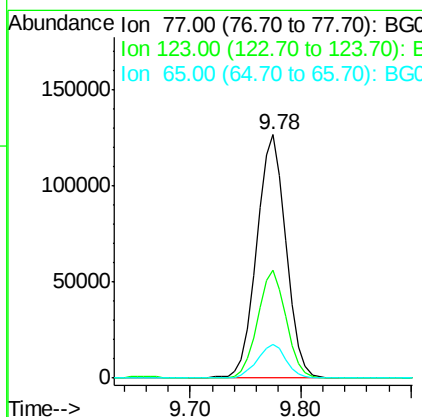
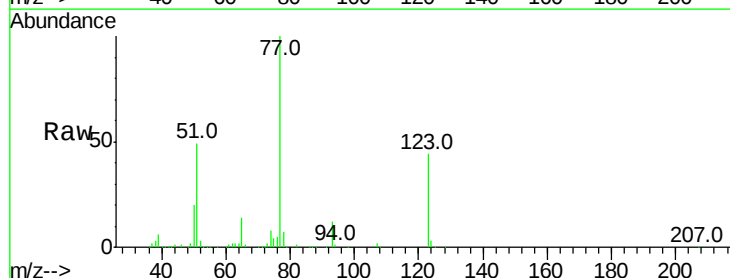
Instrument :
 BNA_G
 ClientSampled :
 COMP-IMS

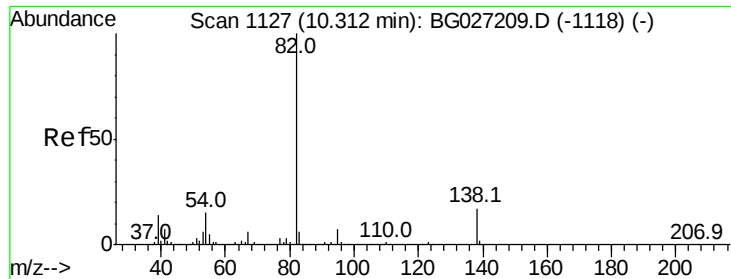
Tot Ion: 82 Resp: 433719
 Ion Ratio Lower Upper
 82 100
 128 41.6 26.4 39.6#
 54 50.1 49.4 74.2



#24
 Nitrobenzene
 Concen: 51.56 ng
 RT: 9.78 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion: 77 Resp: 234762
 Ion Ratio Lower Upper
 77 100
 123 44.1 26.1 39.1#
 65 13.8 12.4 18.6





#25

Isophorone

Concen: 49.10 ng

RT: 10.29 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

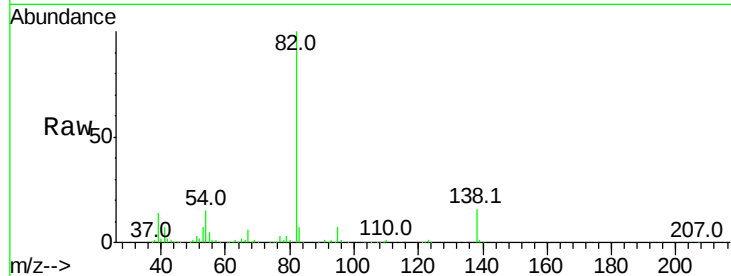
Tot Ion: 82 Resp: 461432

Ion Ratio Lower Upper

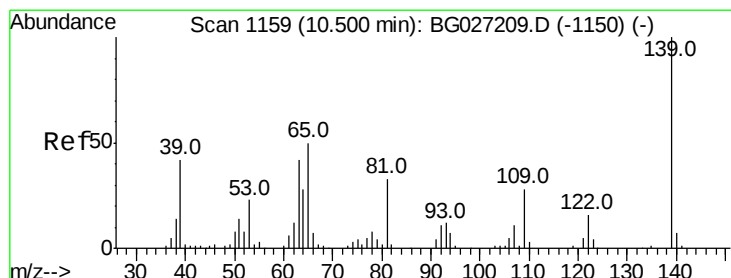
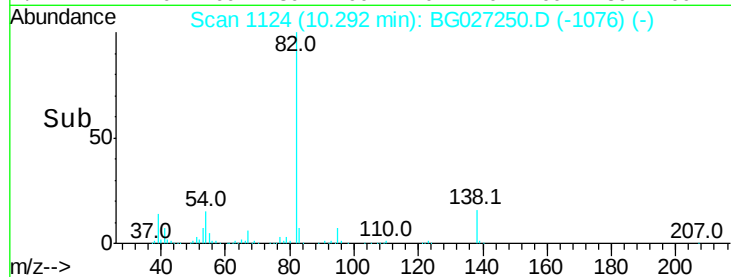
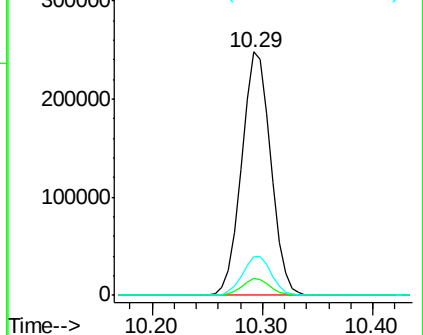
82 100

95 7.0 7.5 11.3#

138 16.0 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: 24.65 ng

RT: 10.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

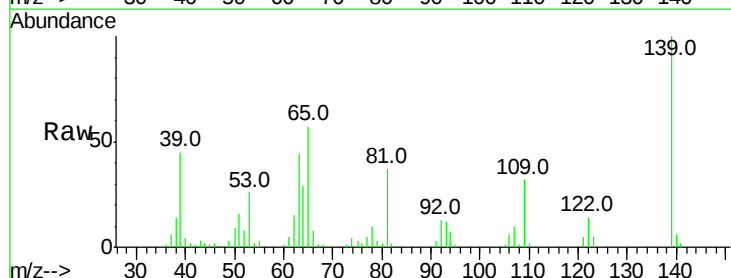
Tgt Ion:139 Resp: 38545

Ion Ratio Lower Upper

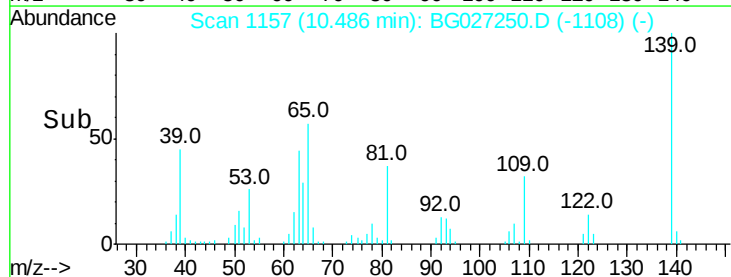
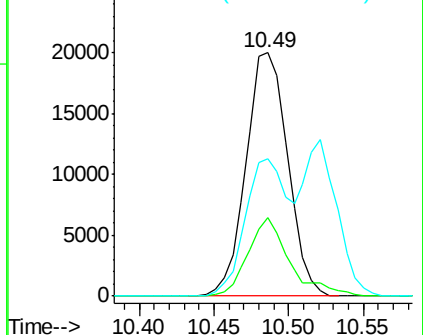
139 100

109 32.2 38.6 58.0#

65 56.5 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

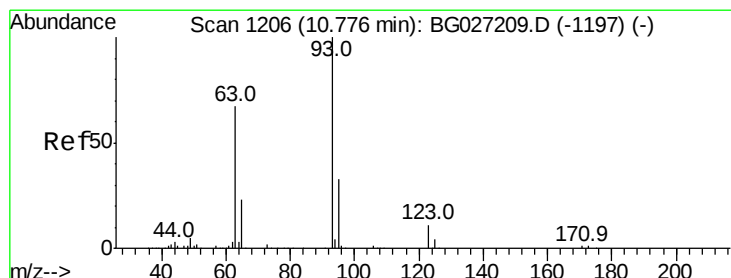
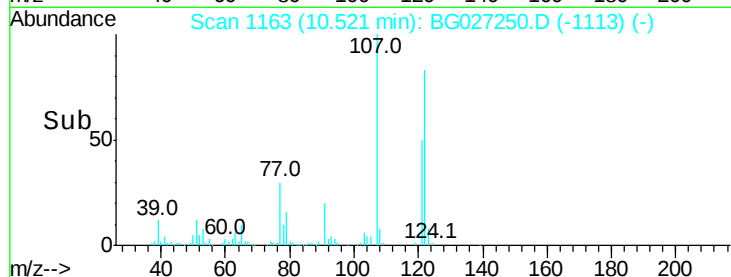
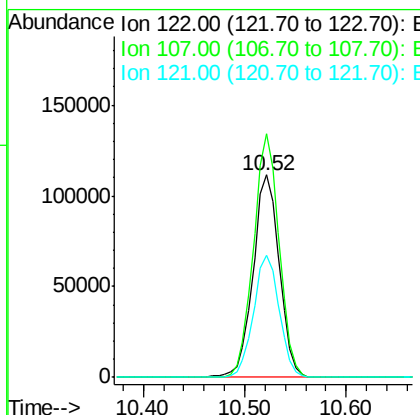
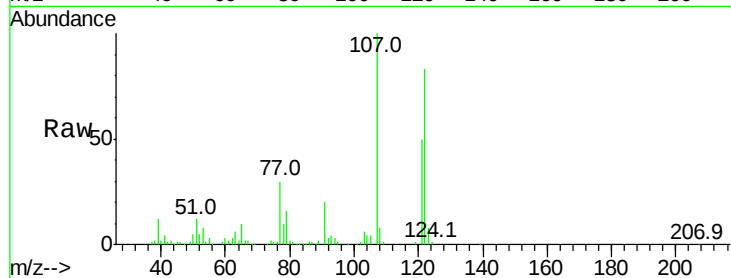




#27
2,4-Dimethylphenol
Concen: 49.69 ng
RT: 10.52 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

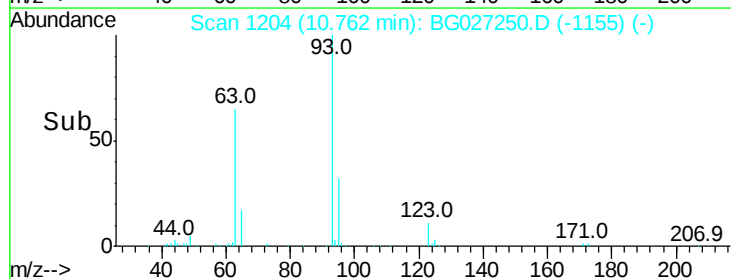
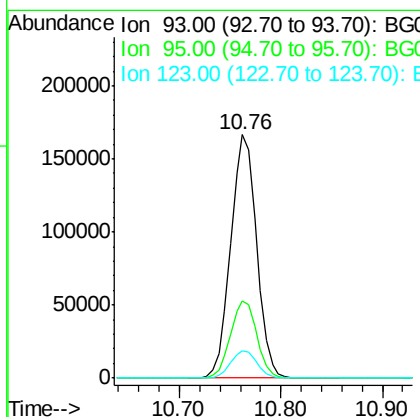
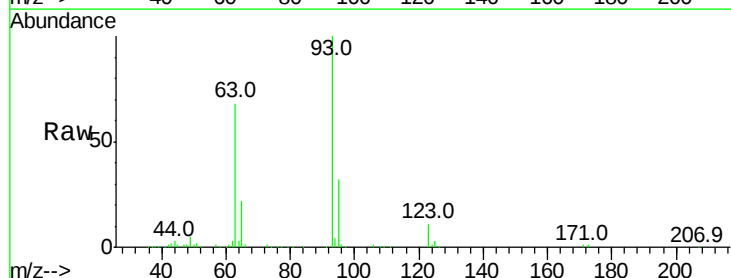
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

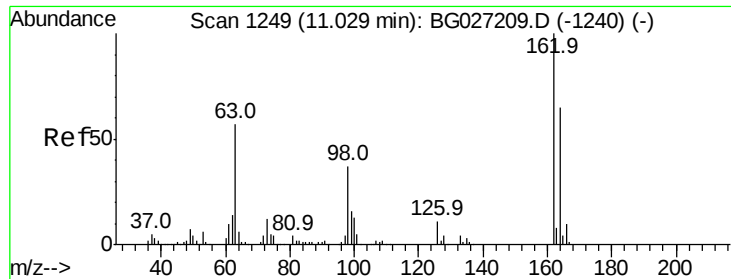
Tot Ion:122 Resp: 200767
Ion Ratio Lower Upper
122 100
107 120.4 104.2 156.4
121 60.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.34 ng
RT: 10.76 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion: 93 Resp: 294151
Ion Ratio Lower Upper
93 100
95 31.7 25.7 38.5
123 11.2 8.3 12.5

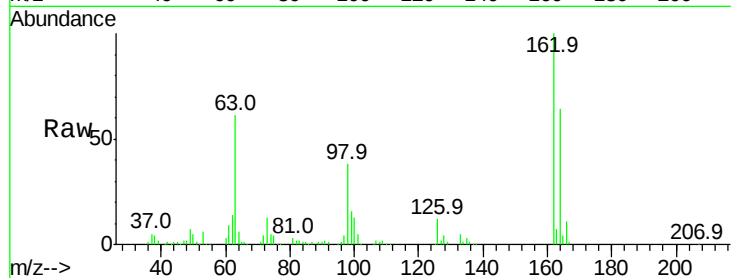




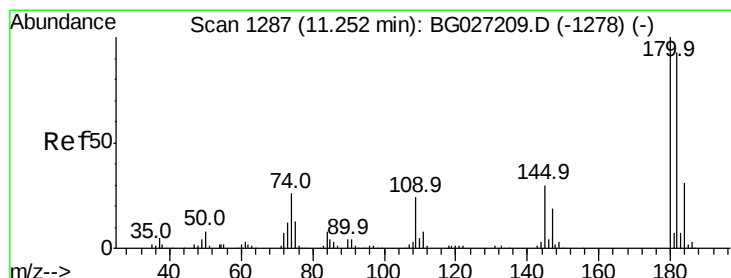
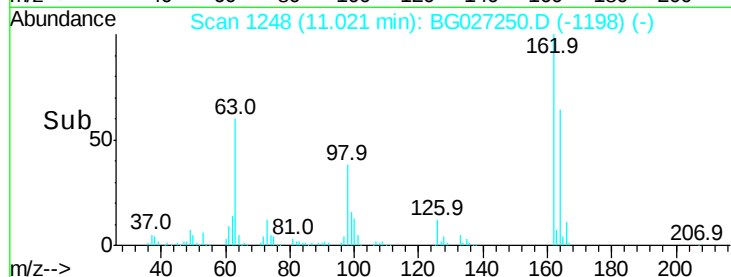
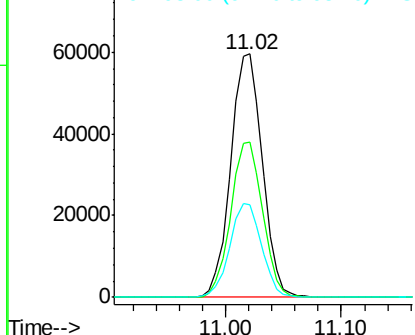
#29
2,4-Dichlorophenol
Concen: 30.67 ng
RT: 11.02 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion:162 Resp: 113148
Ion Ratio Lower Upper
162 100
164 64.0 42.4 82.4
98 38.0 20.3 60.3

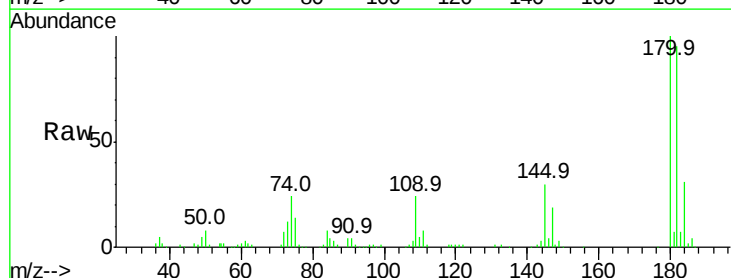


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

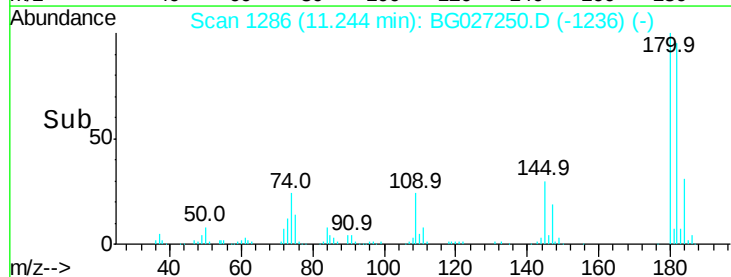
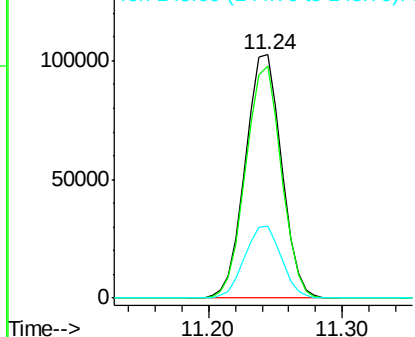


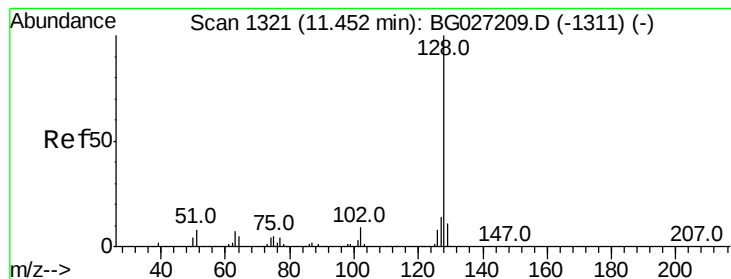
#30
1,2,4-Trichlorobenzene
Concen: 47.06 ng
RT: 11.24 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:180 Resp: 192212
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.4
145 29.6 23.4 35.0



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

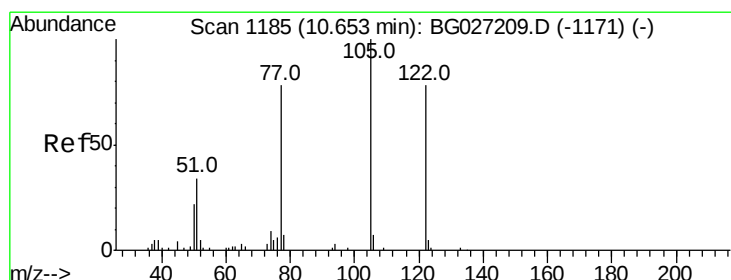
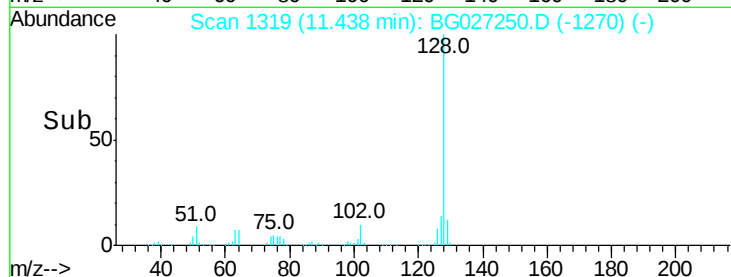
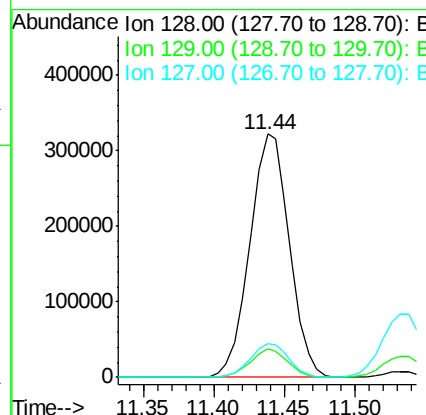
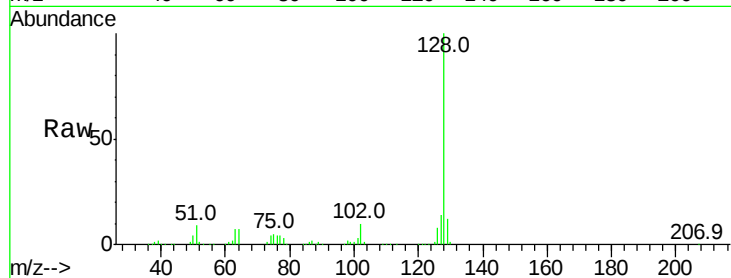




#31
Naphthalene
Concen: 45.92 ng
RT: 11.44 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

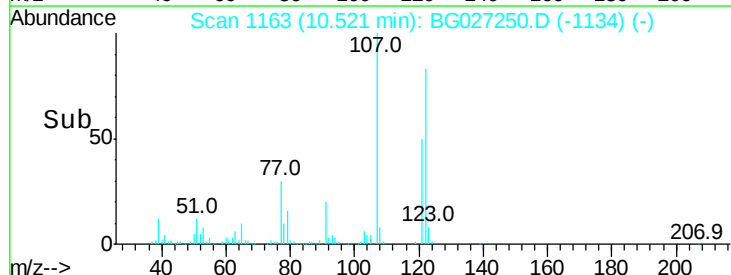
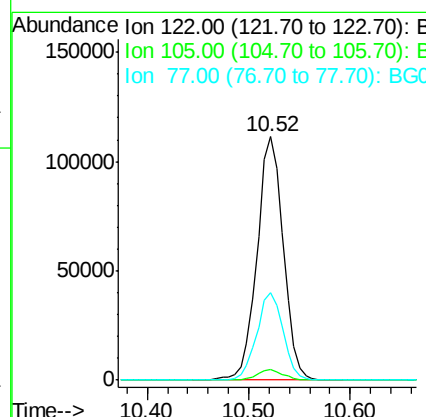
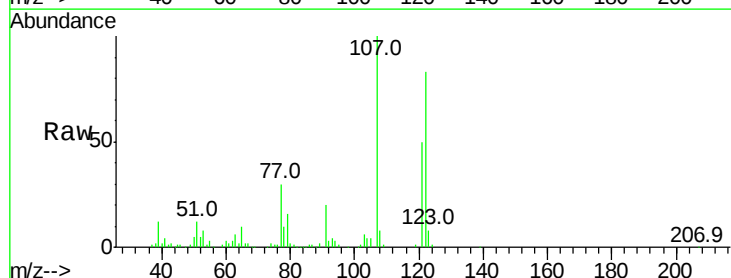
Instrument :
BNA_G
ClientSampleId :
COMP-1MS

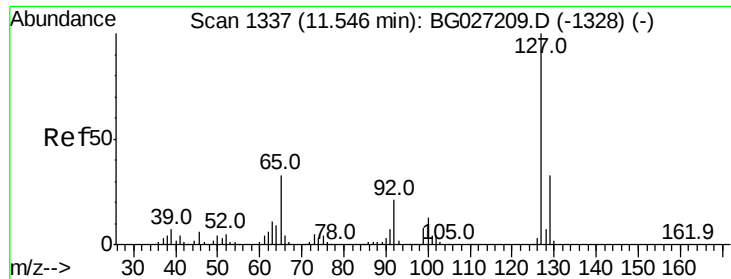
Tot Ion:128 Resp: 630821
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 67.85 ng
RT: 10.52 min Scan# 1163
Delta R.T. -0.13 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:122 Resp: 200767
Ion Ratio Lower Upper
122 100
105 4.4 120.1 160.1#
77 35.9 104.6 144.6#

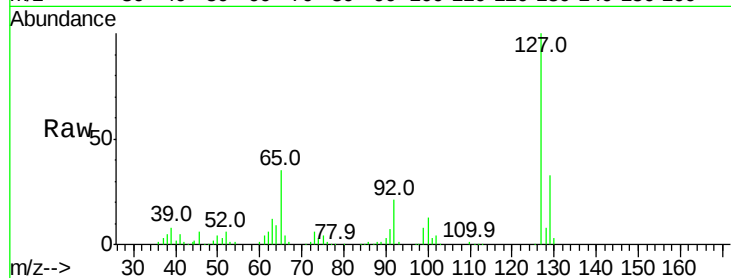




#33
4-Chloroaniline
Concen: 29.66 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	23.6	35.4
65	34.8	37.7	56.5
92	21.1	17.6	26.4



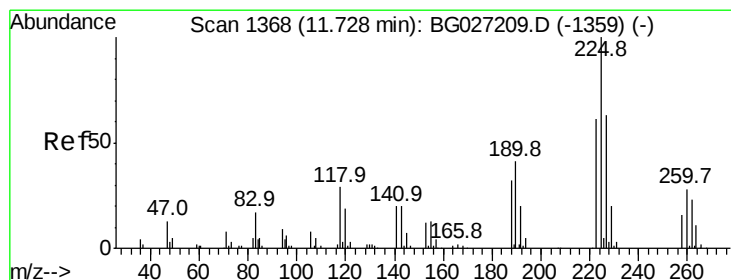
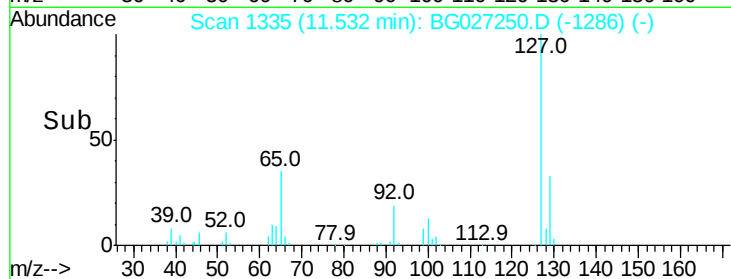
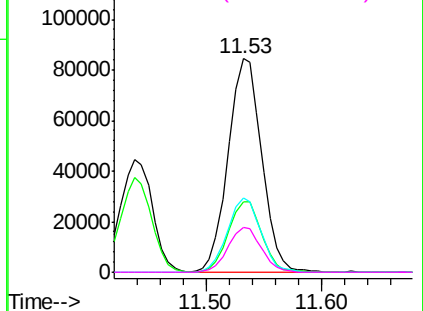
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

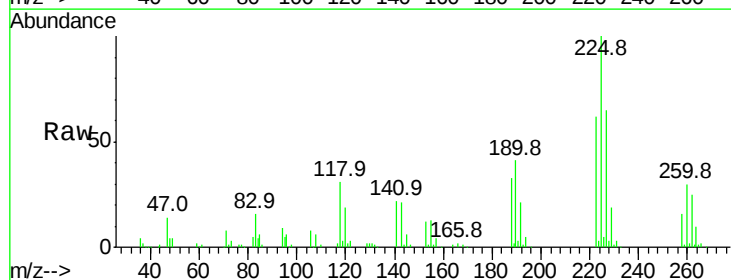
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.70 ng
RT: 11.71 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.7	76.1
227	64.9	49.0	73.6

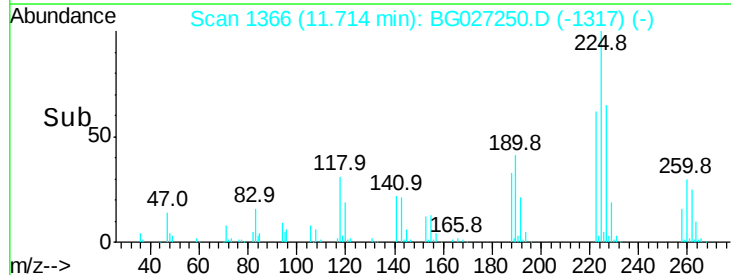
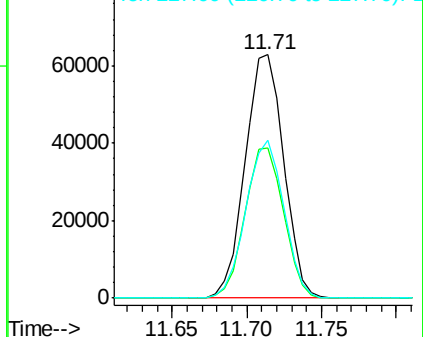


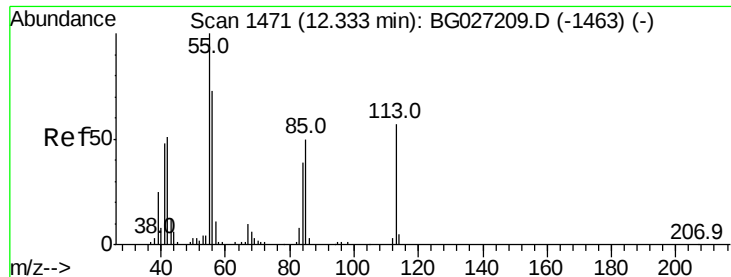
Abundance

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: 60.13 ng

RT: 12.30 min Scan# 1465

Delta R.T. -0.04 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

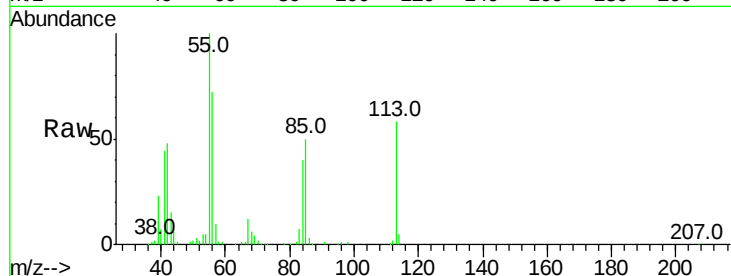
Tot Ion:113 Resp: 76072

Ion Ratio Lower Upper

113 100

55 172.7 198.6 238.6#

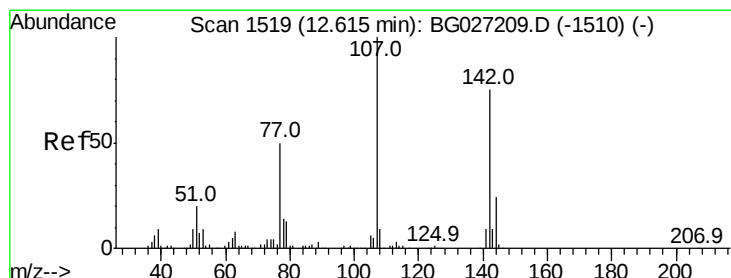
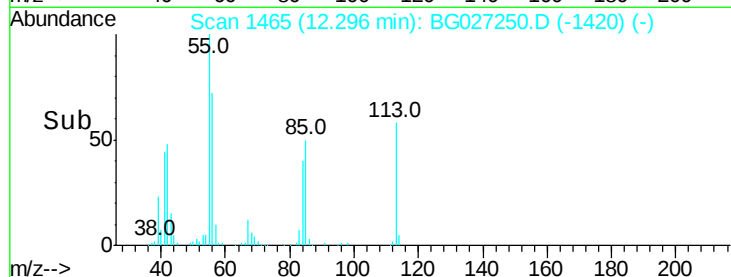
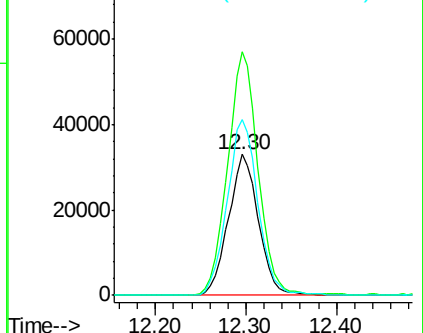
56 124.7 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.39 ng

RT: 12.61 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

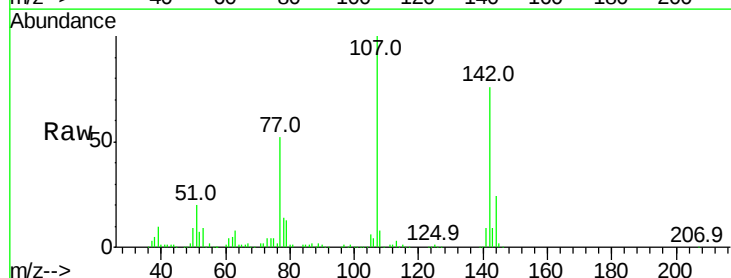
Tgt Ion:107 Resp: 246849

Ion Ratio Lower Upper

107 100

144 24.4 17.4 26.0

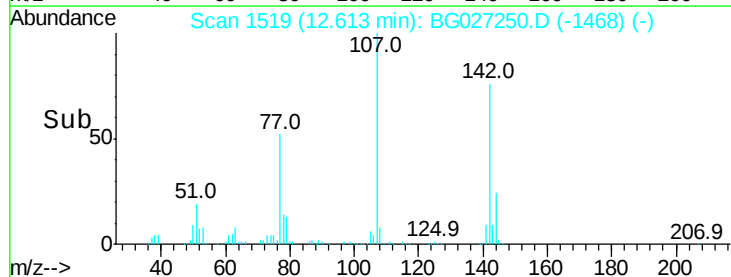
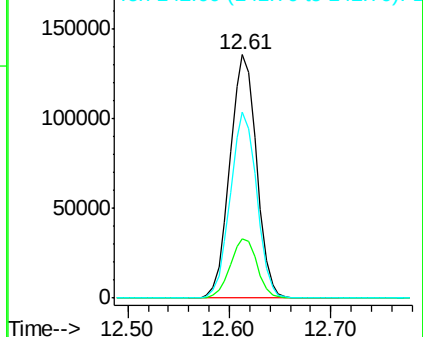
142 76.2 54.1 81.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

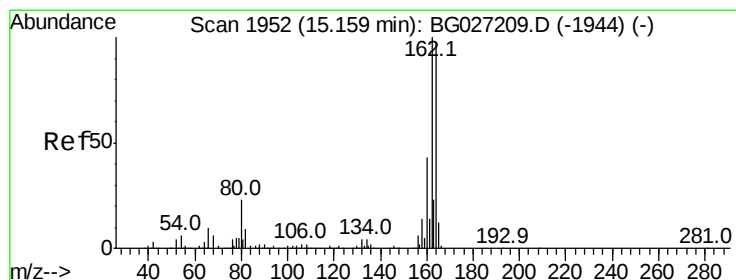
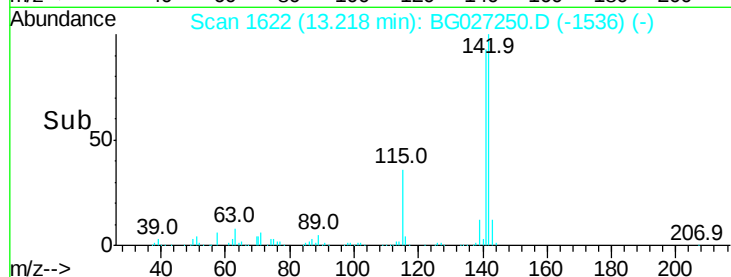
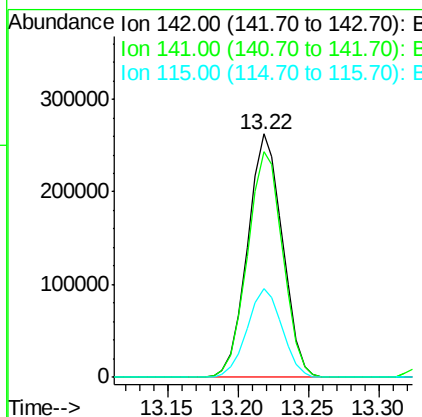
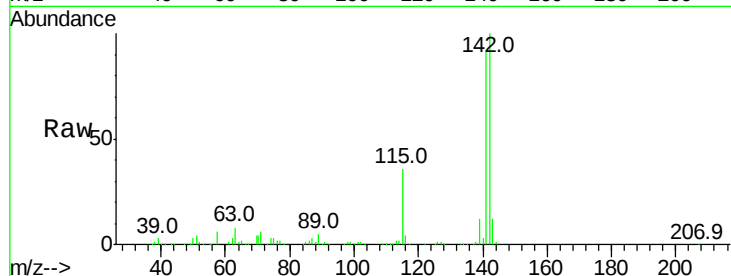




#37
 2-Methylnaphthalene
 Concen: 45.45 ng
 RT: 13.22 min Scan# 1622
 Delta R.T. 0.20 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

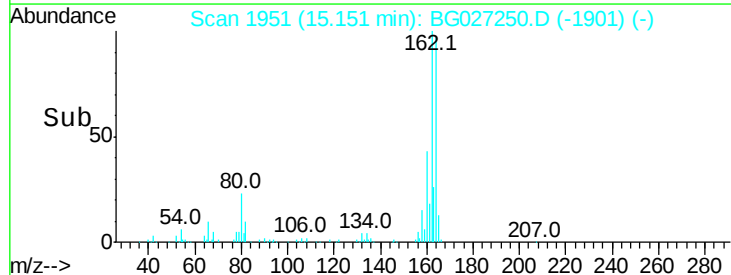
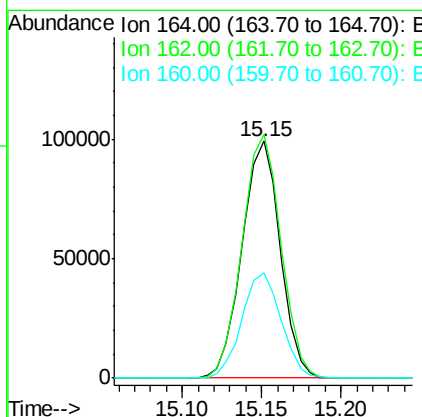
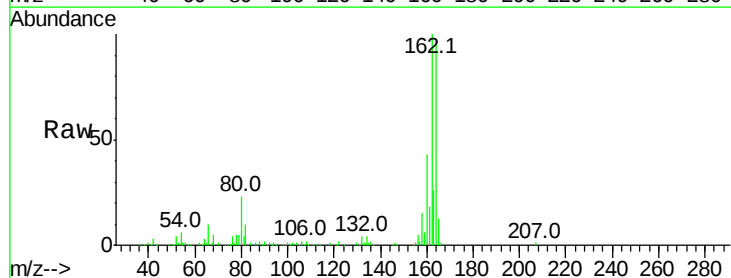
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

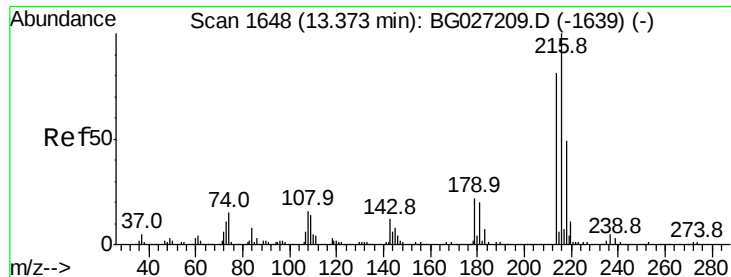
Tot Ion:142 Resp: 455418
 Ion Ratio Lower Upper
 142 100
 141 92.5 70.4 105.6
 115 36.5 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion:164 Resp: 165344
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 44.4 34.7 52.1

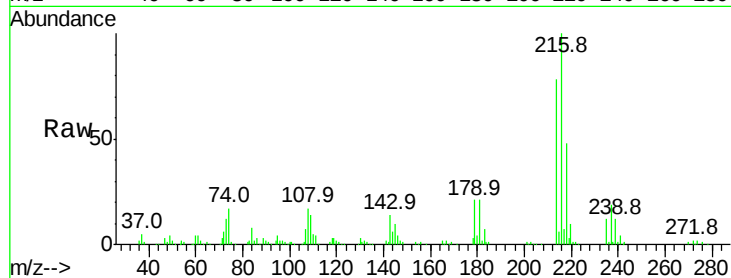




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.52 ng
 RT: 13.36 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion:	216	Resp:	234476
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.4	96.6
179	21.2	17.4	26.0
108	20.4	15.6	23.4

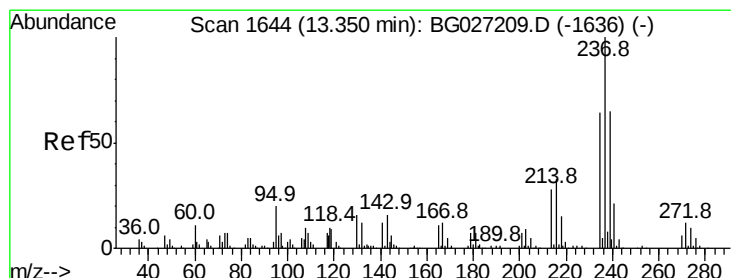
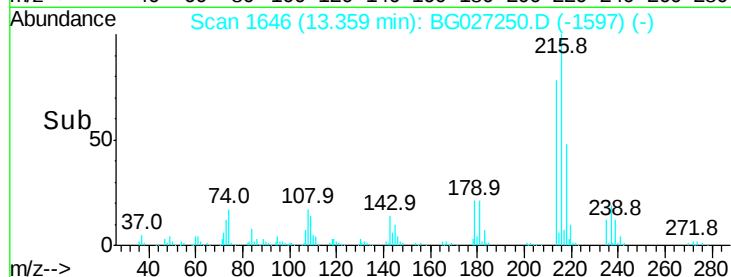
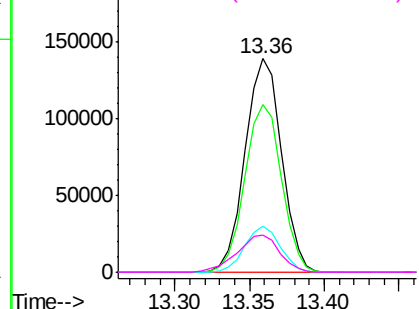


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

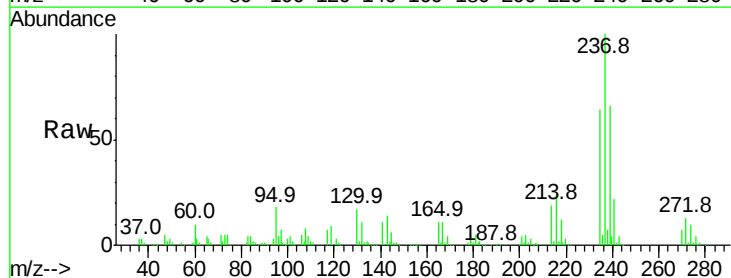
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 98.68 ng
 RT: 13.34 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

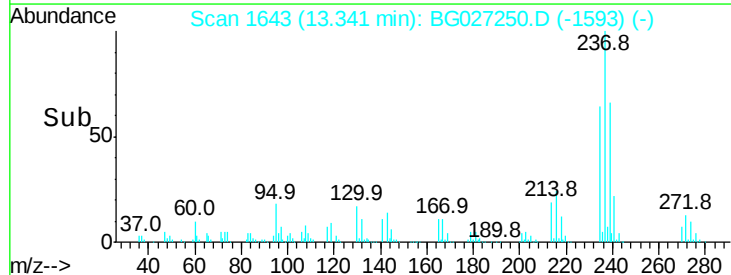
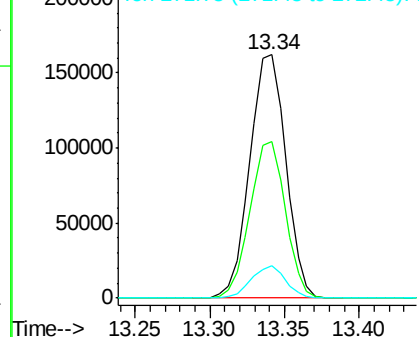
Tgt Ion:	237	Resp:	270533
Ion	Ratio	Lower	Upper
237	100		
235	64.2	39.4	79.4
272	13.1	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 27.46 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

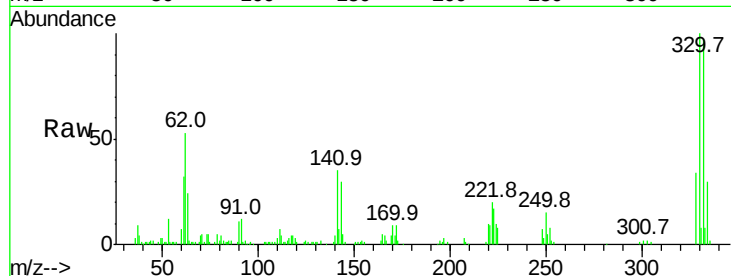
Tot Ion:330 Resp: 59796

Ion Ratio Lower Upper

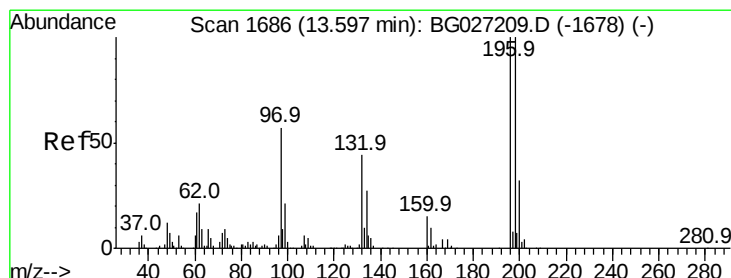
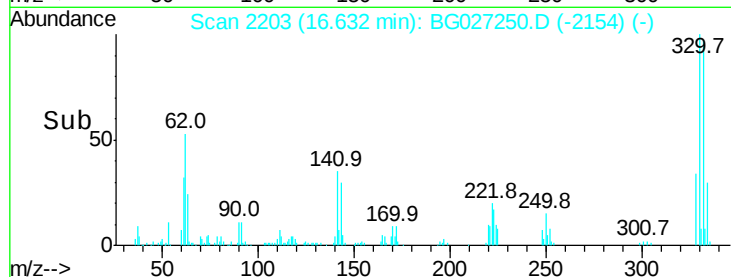
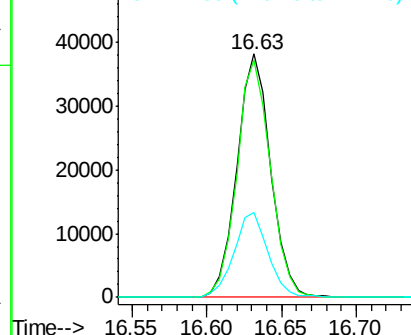
330 100

332 97.5 77.3 115.9

141 35.5 32.1 48.1



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



#42

2,4,6-Trichlorophenol

Concen: 9.56 ng

RT: 13.59 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

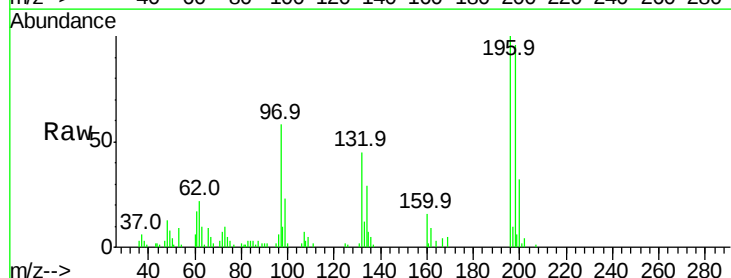
Tgt Ion:196 Resp: 29873

Ion Ratio Lower Upper

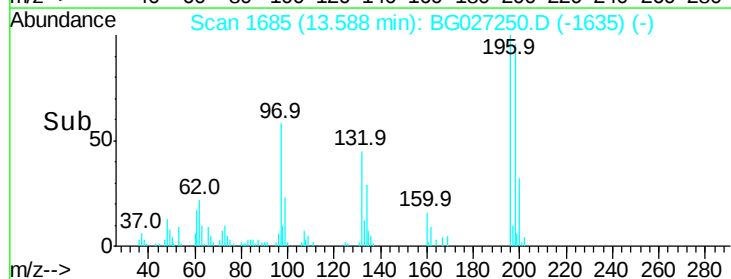
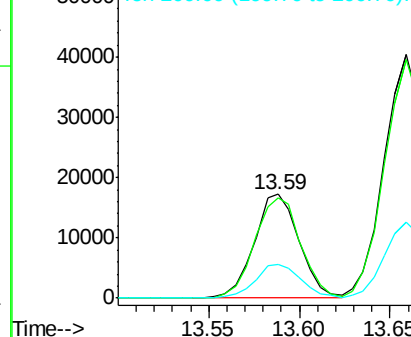
196 100

198 96.3 81.4 122.2

200 32.3 27.0 40.6



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

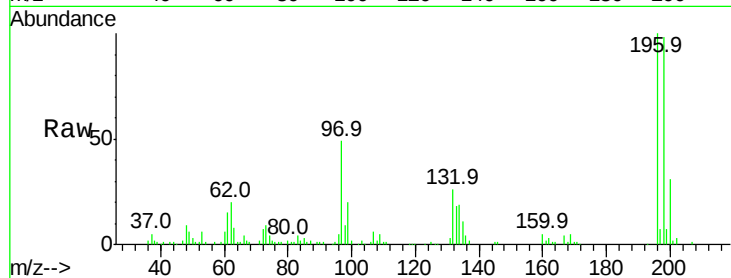




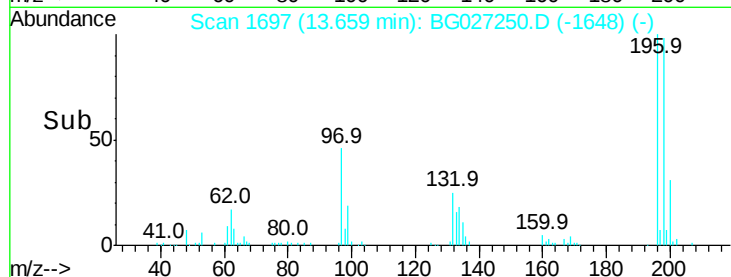
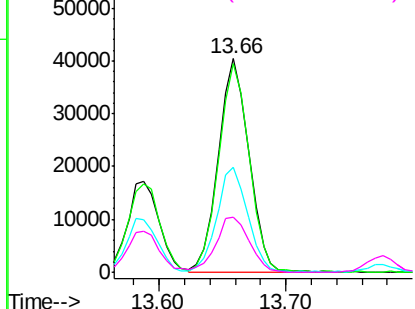
#43
 2,4,5-Trichlorophenol
 Concen: 19.35 ng
 RT: 13.66 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion:196 Resp: 67662
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.9 119.9
 97 48.9 45.4 68.0
 132 25.8 20.7 31.1

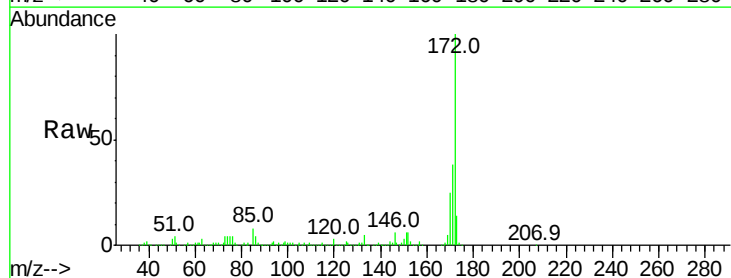


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

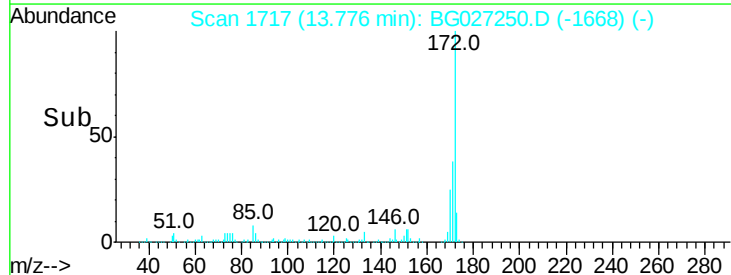
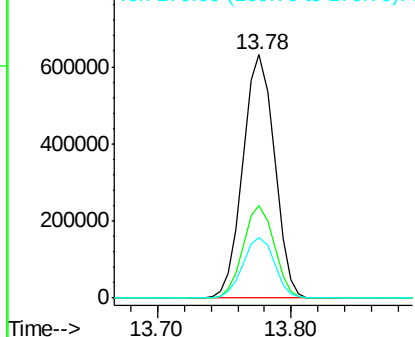


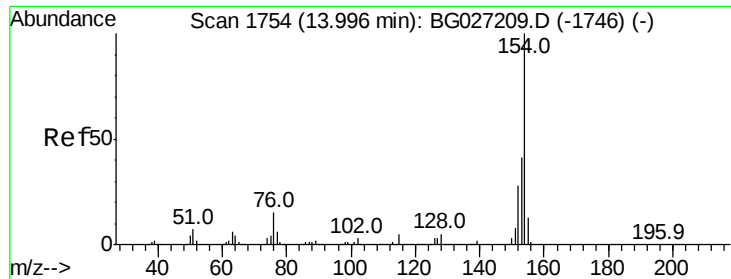
#44
 2-Fluorobiphenyl
 Concen: 87.22 ng
 RT: 13.78 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion:172 Resp: 1030865
 Ion Ratio Lower Upper
 172 100
 171 38.1 32.2 48.2
 170 24.9 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: 46.88 ng

RT: 13.99 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

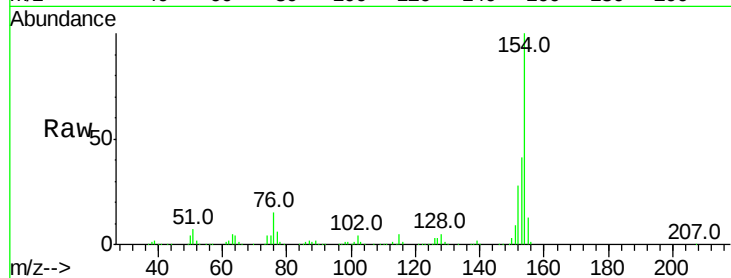
Tot Ion:154 Resp: 632671

Ion Ratio Lower Upper

154 100

153 41.3 23.0 63.0

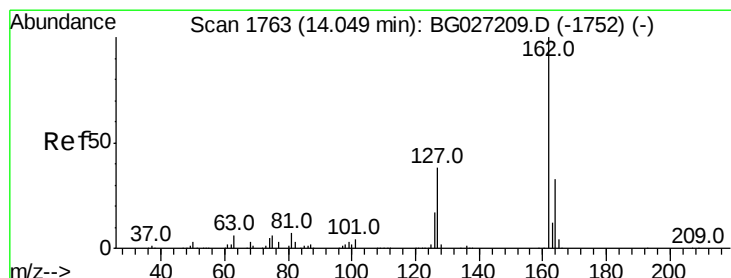
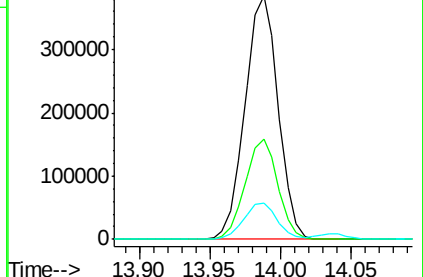
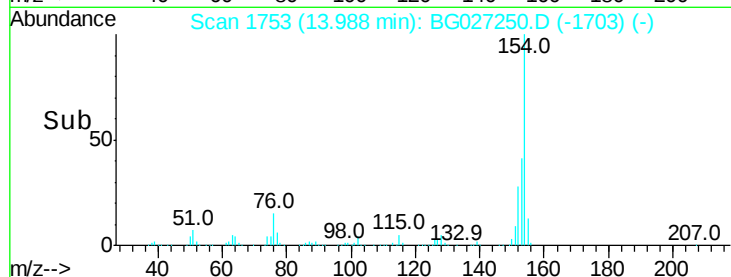
76 15.0 0.0 33.5



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): B



#46

2-Chloronaphthalene

Concen: 47.61 ng

RT: 14.03 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

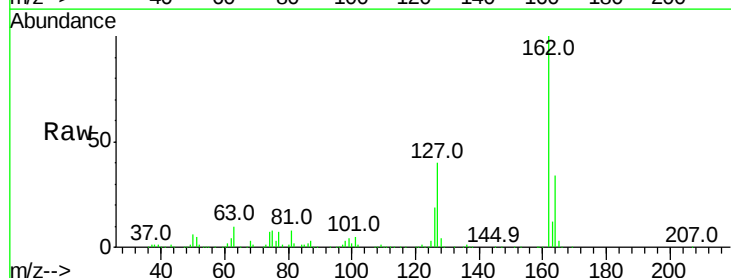
Tgt Ion:162 Resp: 481729

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.4

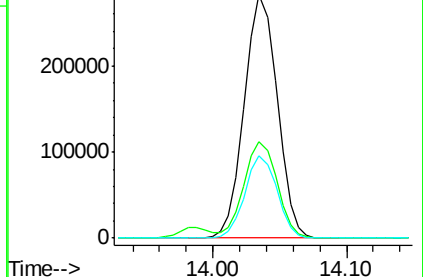
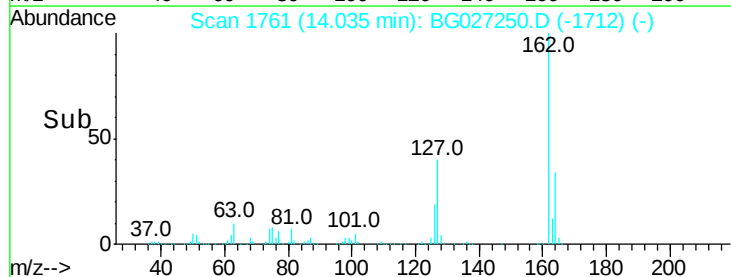
164 34.0 27.3 40.9



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: 55.61 ng

RT: 14.23 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

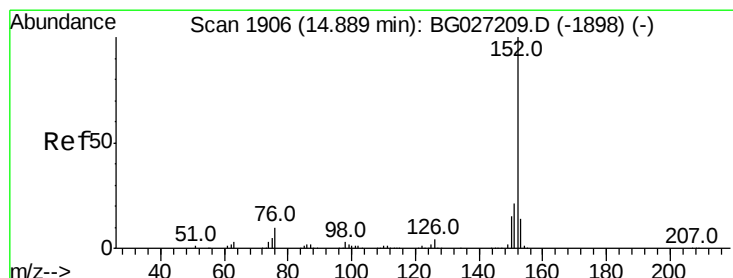
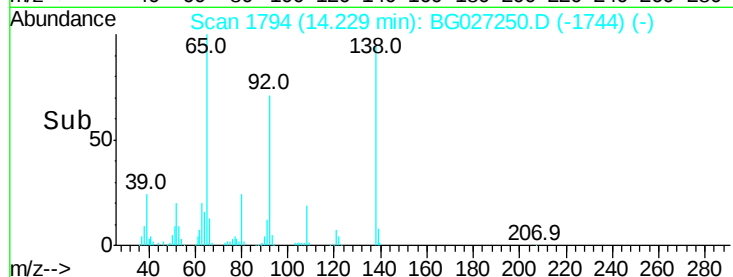
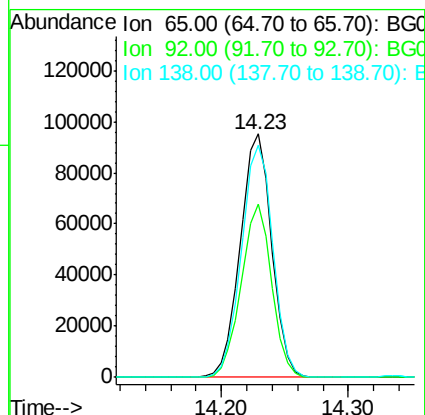
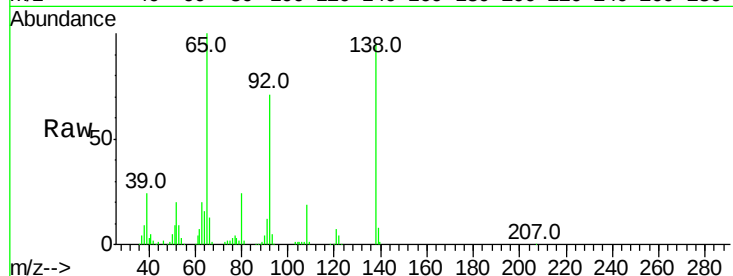
Tot Ion: 65 Resp: 163644

Ion Ratio Lower Upper

65 100

92 71.4 49.0 73.4

138 95.5 58.6 87.8#



#48

Acenaphthylene

Concen: 45.07 ng

RT: 14.87 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

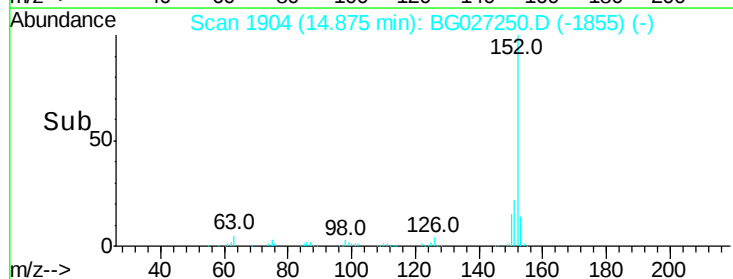
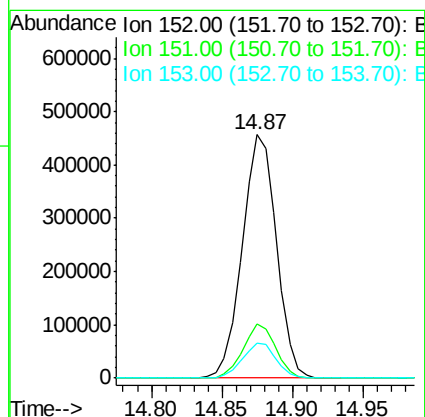
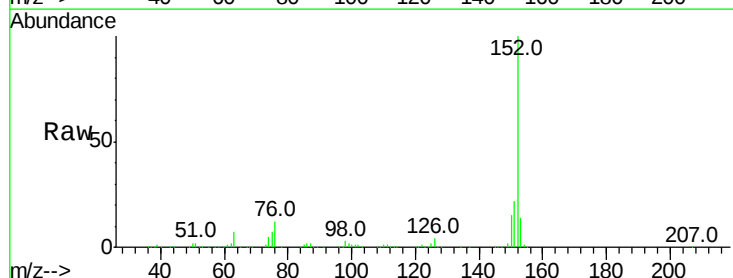
Tgt Ion: 152 Resp: 771834

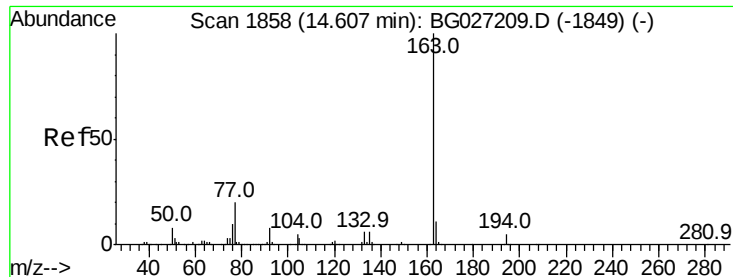
Ion Ratio Lower Upper

152 100

151 22.1 18.2 27.2

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 62.63 ng

RT: 14.59 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

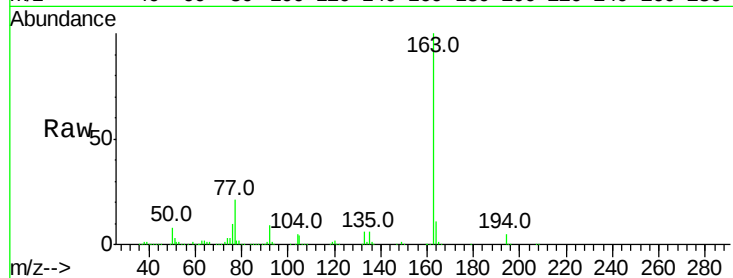
Tot Ion:163 Resp: 821432

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

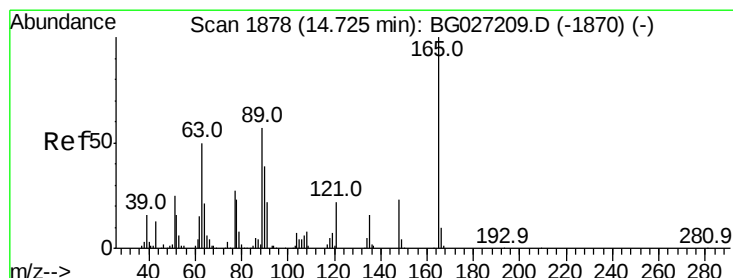
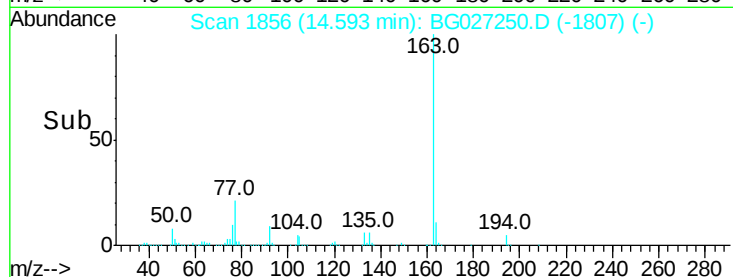
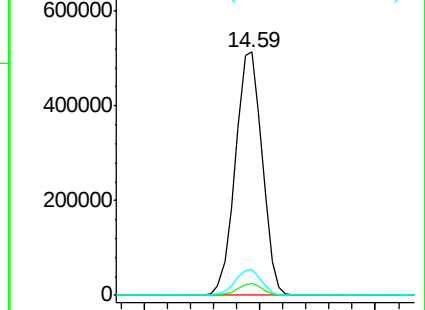
164 10.5 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.41 ng

RT: 14.71 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

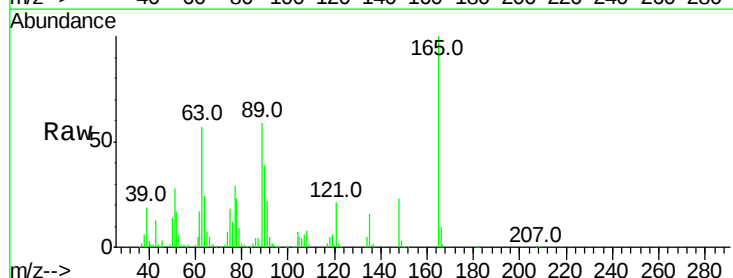
Tgt Ion:165 Resp: 138203

Ion Ratio Lower Upper

165 100

63 56.9 63.9 95.9#

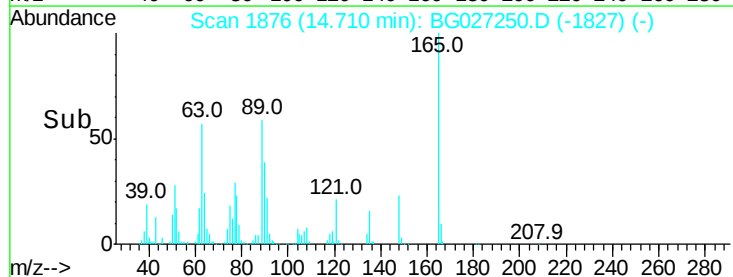
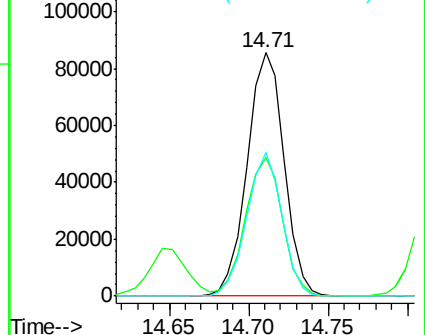
89 58.9 58.6 88.0



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: 42.81 ng

RT: 15.22 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

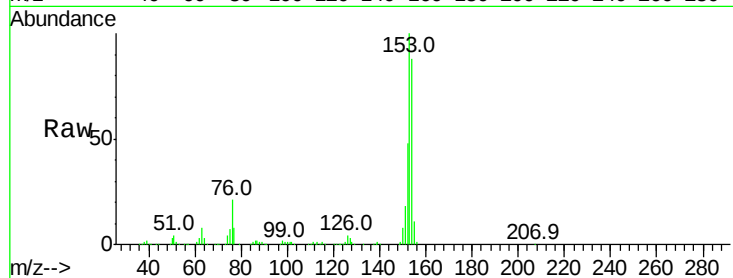
Tot Ion:154 Resp: 476850

Ion	Ratio	Lower	Upper
154	100		
153	113.2	87.8	131.6
152	54.1	42.2	63.4

154 100

153 113.2 87.8 131.6

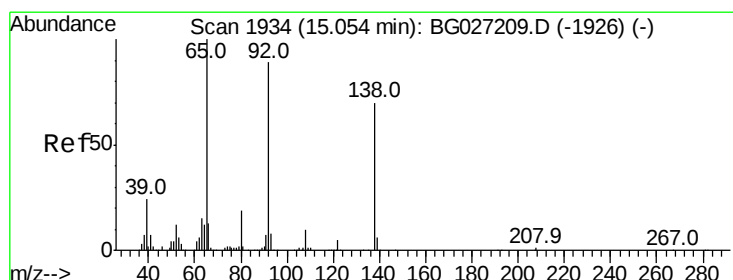
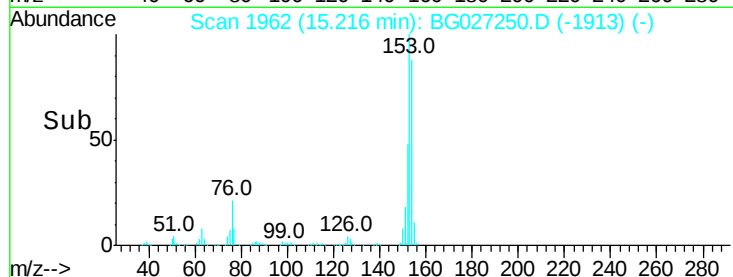
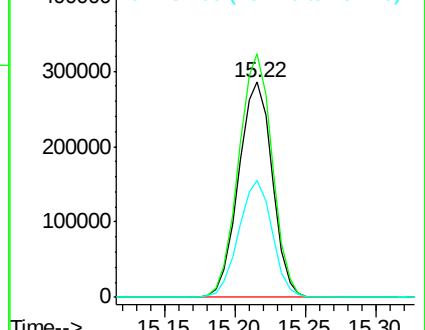
152 54.1 42.2 63.4



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: 43.83 ng

RT: 15.05 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

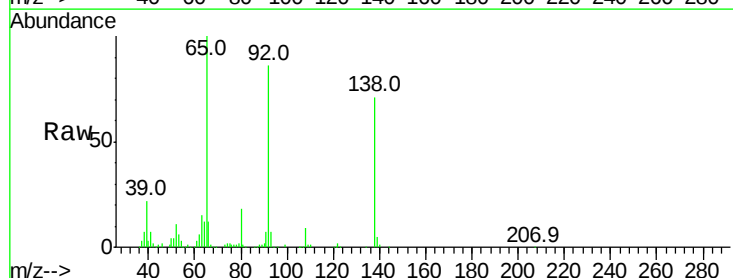
Tgt Ion:138 Resp: 120946

Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.9	16.3
92	121.3	115.3	172.9

138 100

108 12.6 10.9 16.3

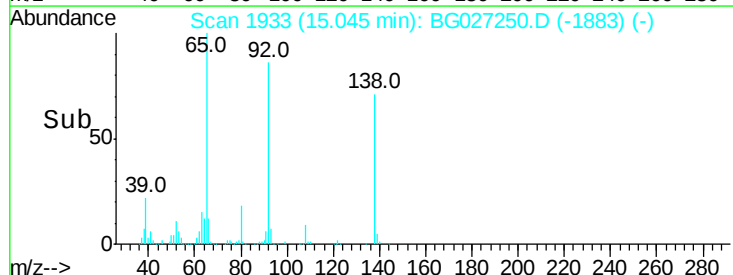
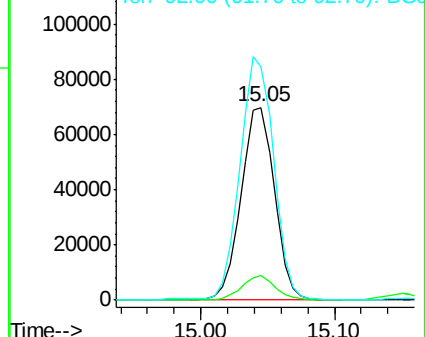
92 121.3 115.3 172.9



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

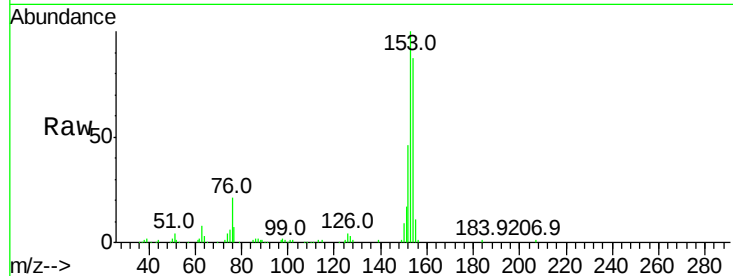




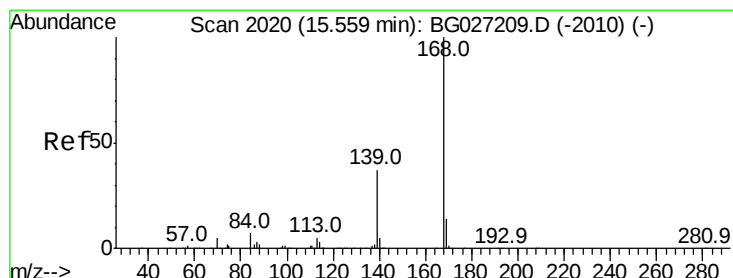
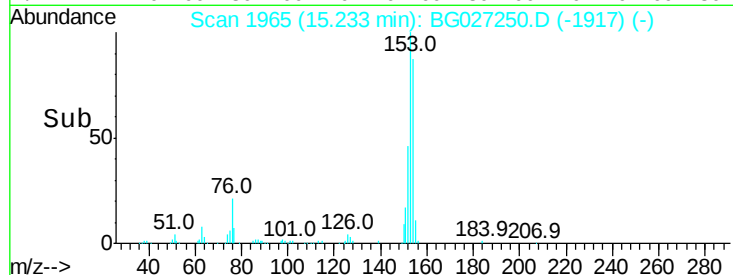
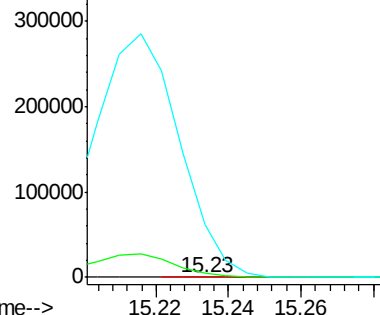
#53
2,4-Dinitrophenol
Concen: 5.11 ng
RT: 15.23 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion:184 Resp: 421
Ion Ratio Lower Upper
184 100
63 1409.9 52.7 79.1#
154 15442.2 57.3 85.9#

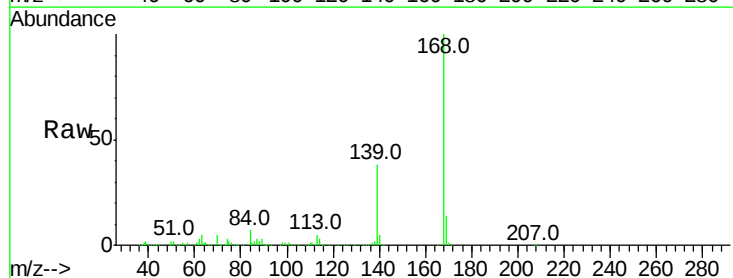


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

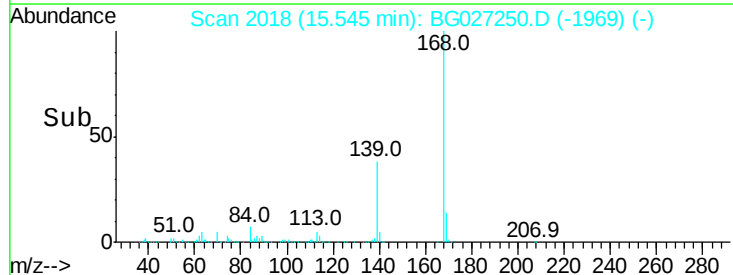
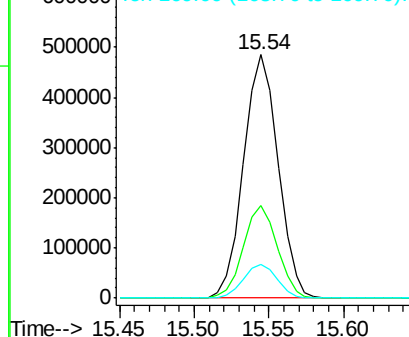


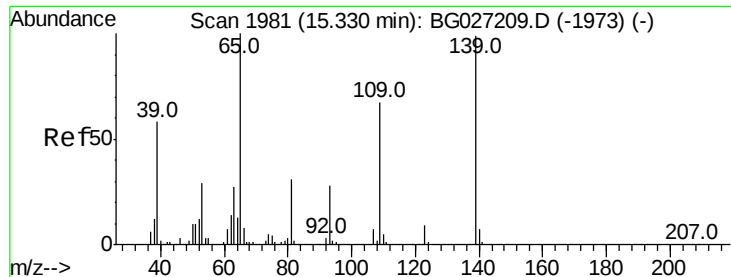
#54
Dibenzofuran
Concen: 49.78 ng
RT: 15.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:168 Resp: 774929
Ion Ratio Lower Upper
168 100
139 37.8 35.3 52.9
169 14.0 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: 9.57 ng

RT: 15.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

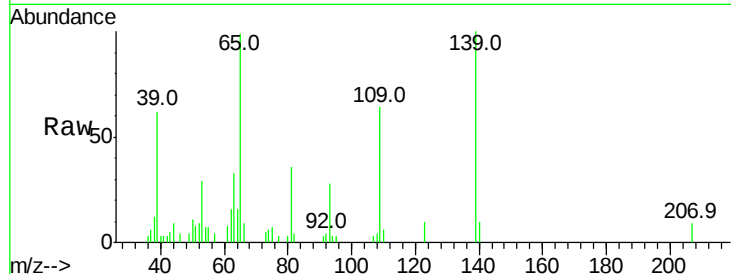
Tot Ion:139 Resp: 9249

Ion Ratio Lower Upper

139 100

109 64.0 101.2 141.2#

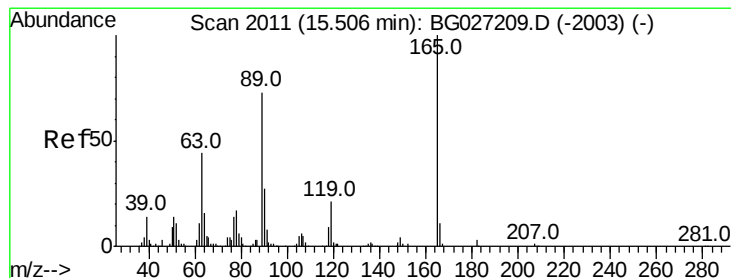
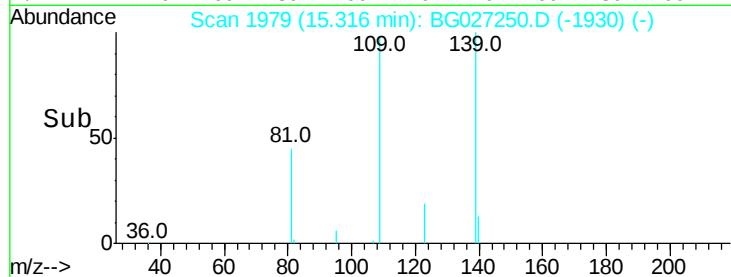
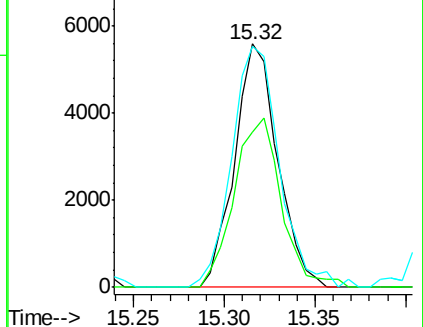
65 99.2 135.3 175.3#



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: 53.73 ng

RT: 15.49 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:165 Resp: 186500

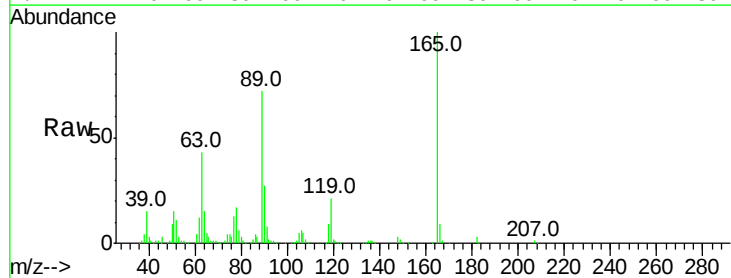
Ion Ratio Lower Upper

165 100

63 43.4 44.0 66.0#

89 72.4 67.3 100.9

182 3.1 3.8 5.6#

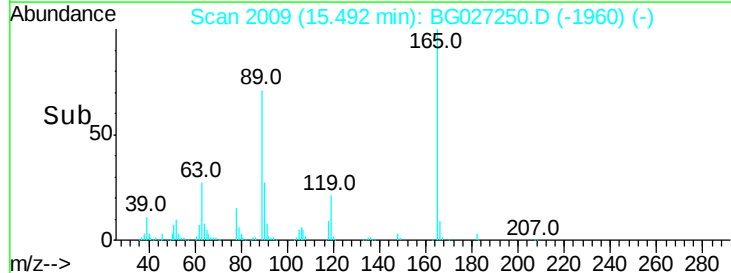
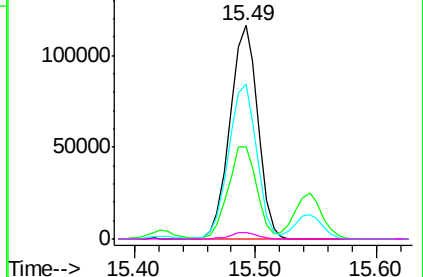


Abundance Ion 165.00 (164.70 to 165.70): E

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

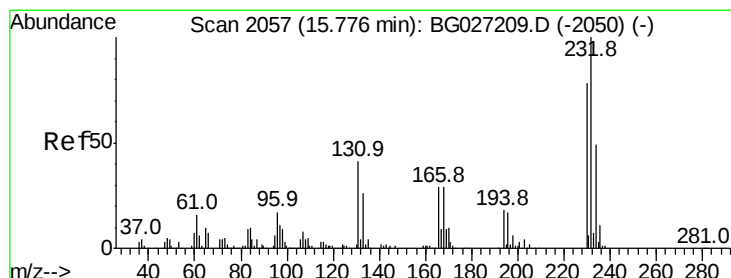
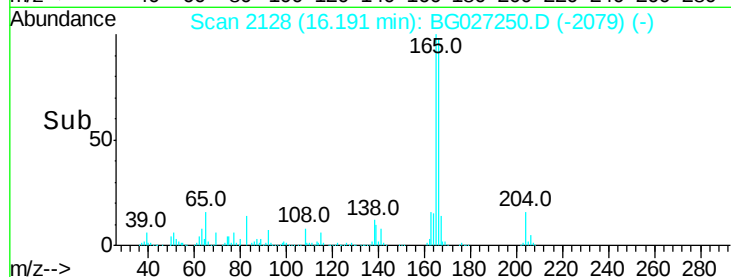
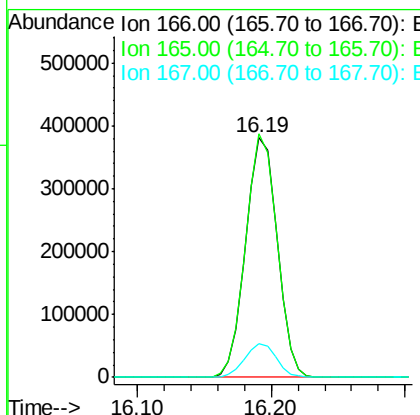
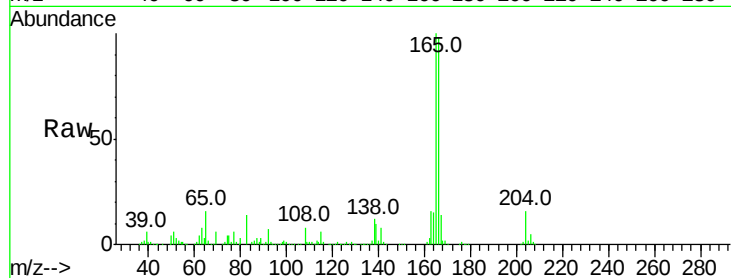




#57
 Fluorene
 Concen: 45.15 ng
 RT: 16.19 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

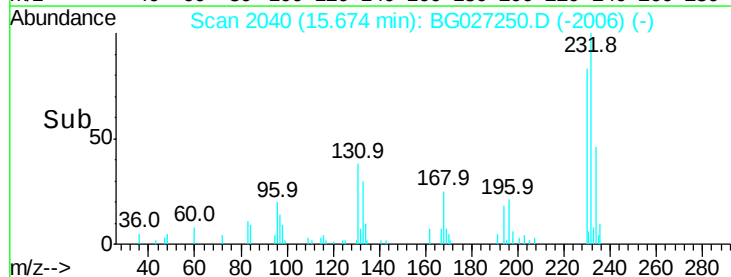
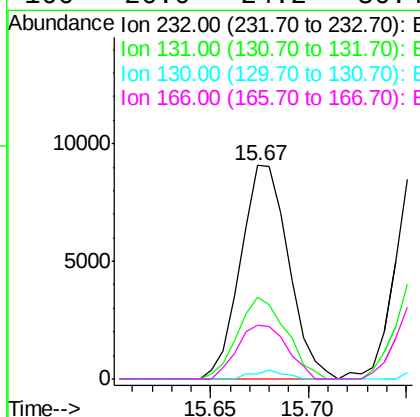
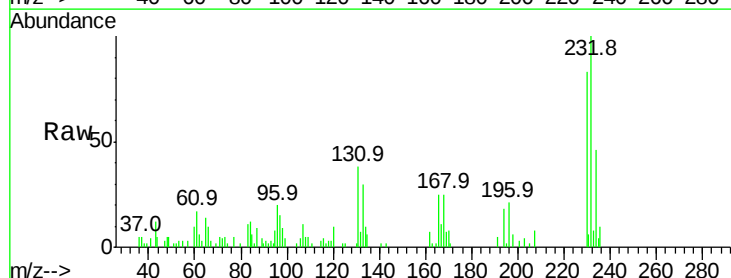
Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

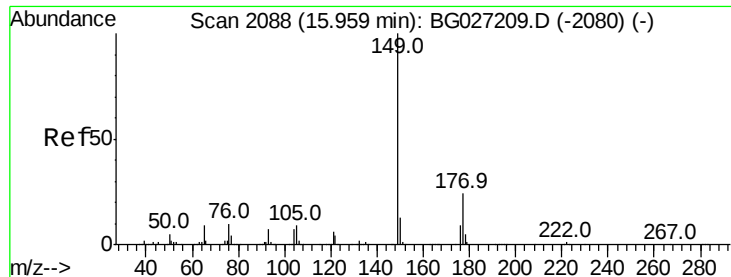
Tot Ion:166 Resp: 624173
 Ion Ratio Lower Upper
 166 100
 165 101.7 78.6 117.8
 167 13.9 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.94 ng
 RT: 15.67 min Scan# 2040
 Delta R.T. -0.10 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion:232 Resp: 15430
 Ion Ratio Lower Upper
 232 100
 131 38.8 34.9 52.3
 130 2.7 2.3 3.5
 166 26.0 24.2 36.4





#59

Diethylphthalate

Concen: 49.85 ng

RT: 15.94 min Scan# 2085

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

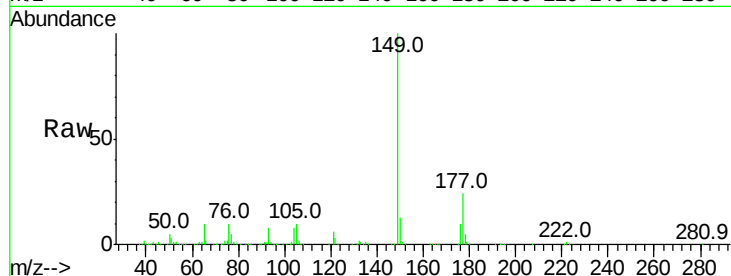
BNA_G

ClientSampleId :

COMP-IMS

Tot Ion:149 Resp: 652190

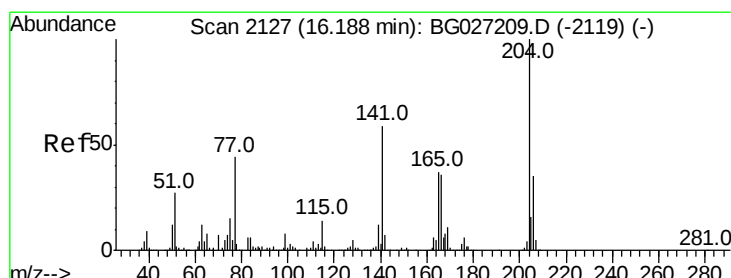
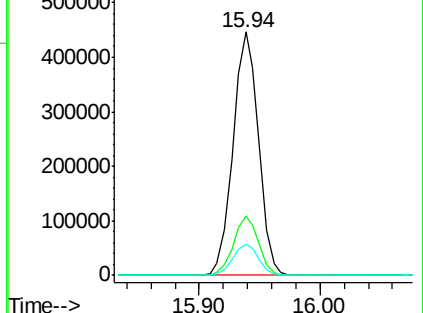
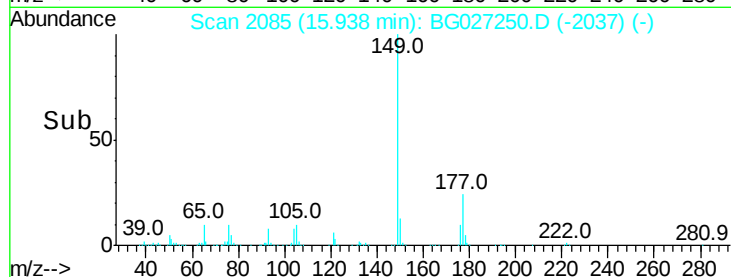
Ion	Ratio	Lower	Upper
149	100		
177	24.2	20.1	30.1
150	13.0	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.64 ng

RT: 16.17 min Scan# 2125

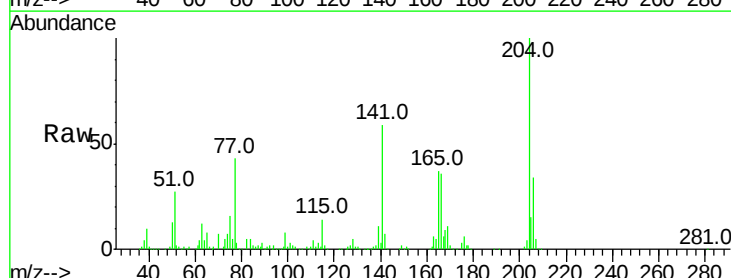
Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:204 Resp: 324808

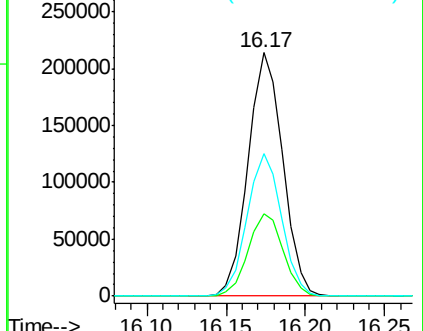
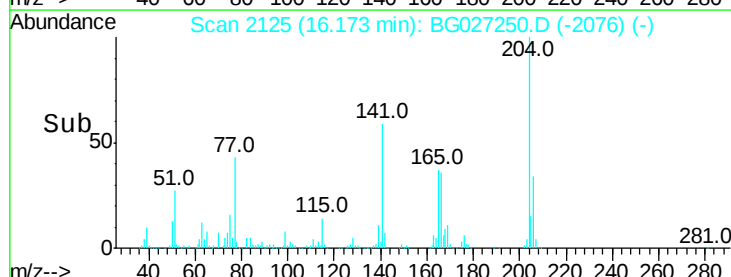
Ion	Ratio	Lower	Upper
204	100		
206	33.9	30.1	45.1
141	58.7	50.6	76.0

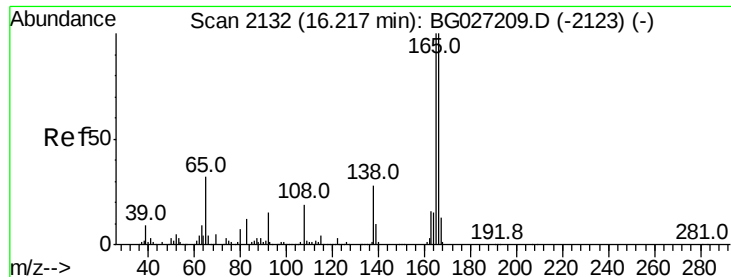


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

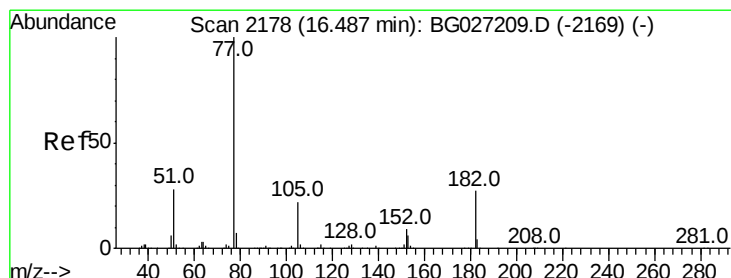
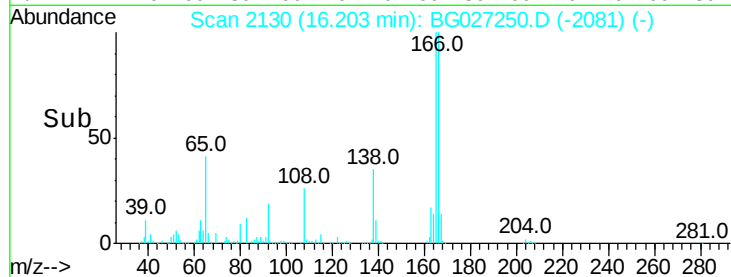
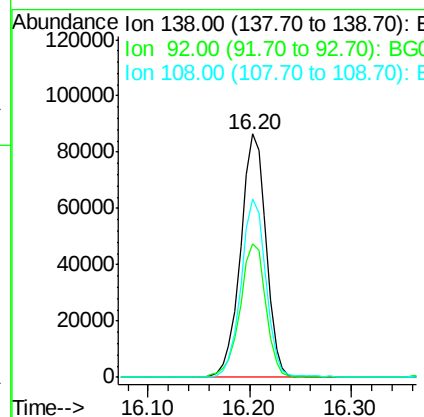
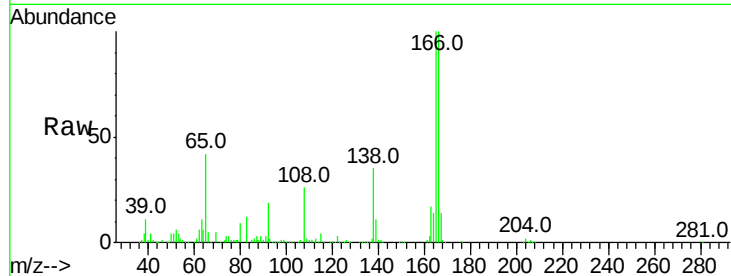




#61
4-Nitroaniline
Concen: 52.62 ng
RT: 16.20 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

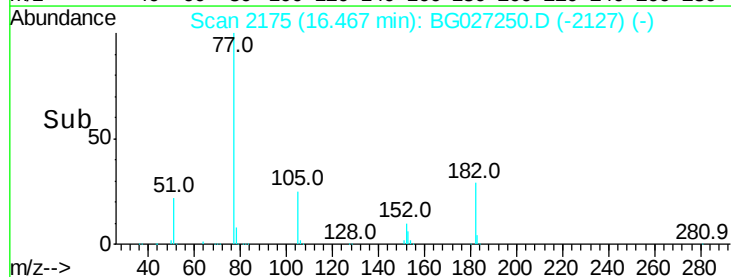
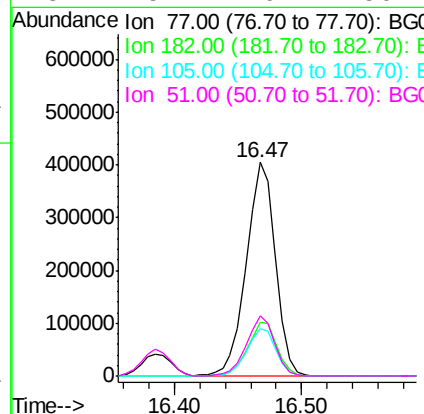
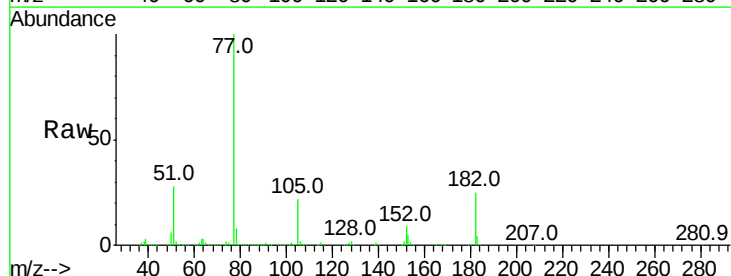
Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion:138 Resp: 150653
Ion Ratio Lower Upper
138 100
92 54.7 44.2 84.2
108 73.4 104.8 144.8#



#62
Azobenzene
Concen: 53.12 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion: 77 Resp: 644169
Ion Ratio Lower Upper
77 100
182 25.5 4.7 44.7
105 22.1 0.0 36.3
51 28.1 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: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

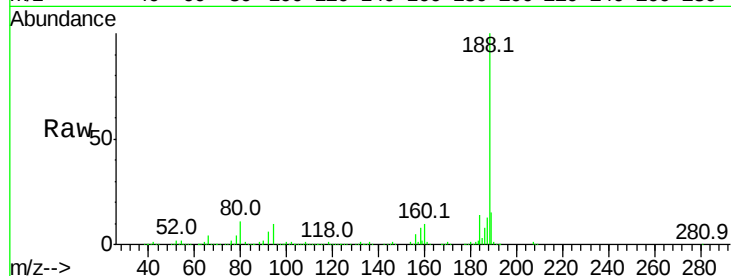
Tot Ion:188 Resp: 385732

Ion Ratio Lower Upper

188 100

94 10.2 5.8 8.8#

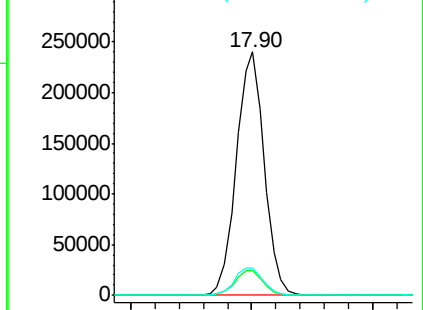
80 11.3 7.5 11.3#



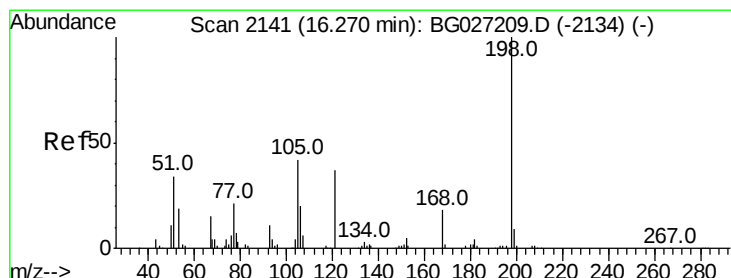
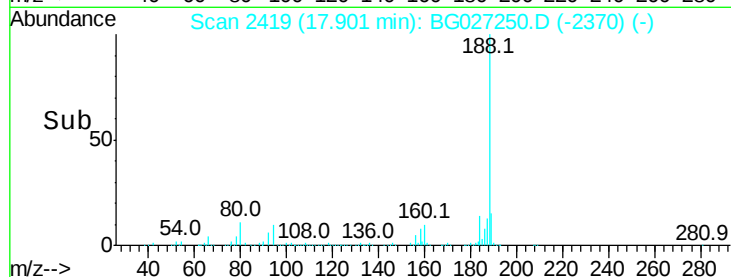
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.80 17.90 18.00



#64

4,6-Dinitro-2-methylphenol

Concen: 8.11 ng

RT: 16.25 min Scan# 2138

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

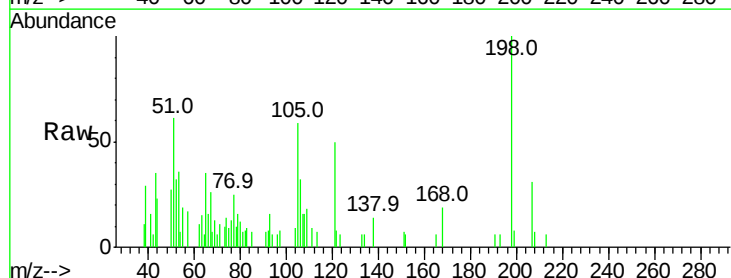
Tgt Ion:198 Resp: 4657

Ion Ratio Lower Upper

198 100

51 60.7 22.6 62.6

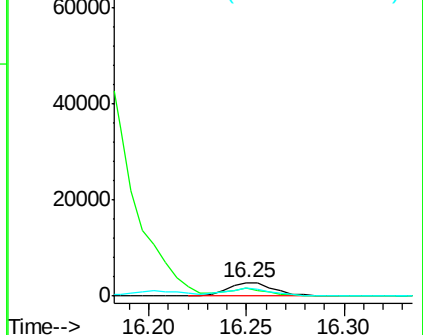
105 59.0 14.4 54.4#



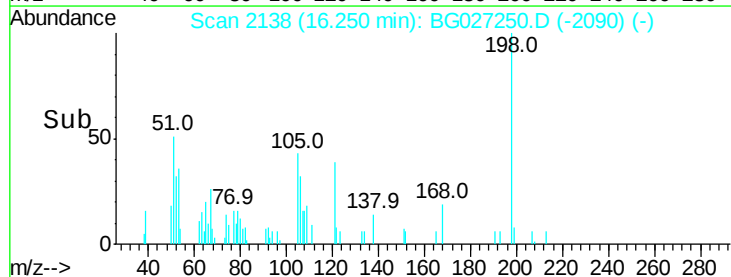
Abundance Ion 198.00 (197.70 to 198.70): E

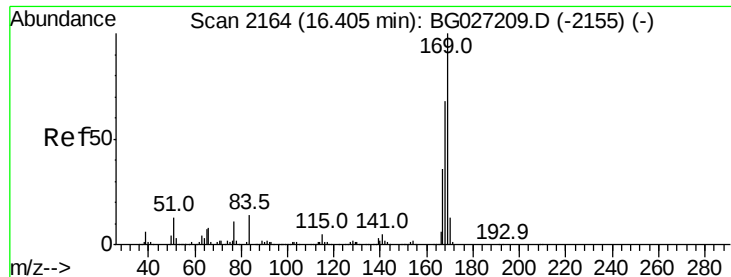
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 16.20 16.25 16.30





#65

n-Nitrosodiphenylamine

Concen: 47.35 ng

RT: 16.38 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

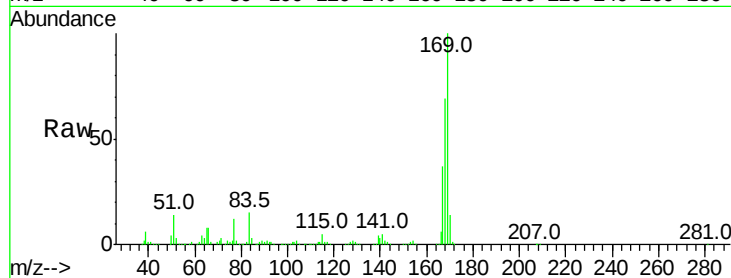
Tot Ion:169 Resp: 572559

Ion Ratio Lower Upper

169 100

168 69.2 55.7 83.5

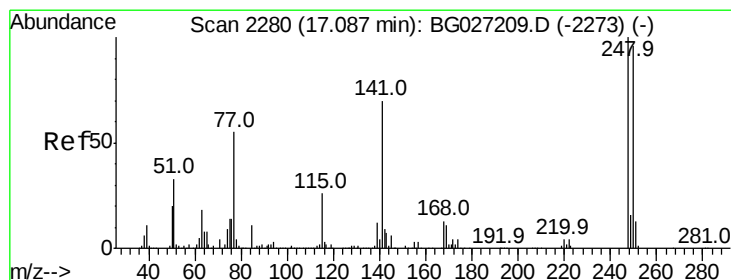
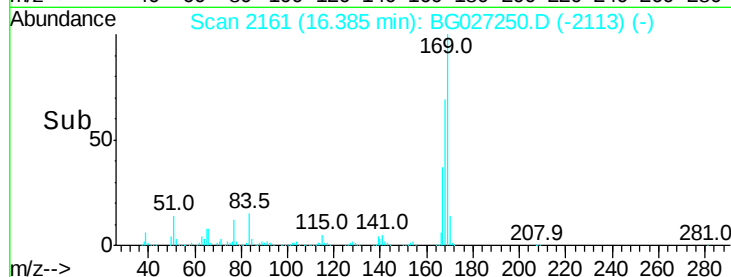
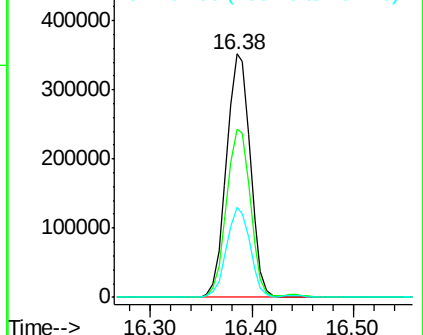
167 36.8 29.8 44.6



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: 47.04 ng

RT: 17.07 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

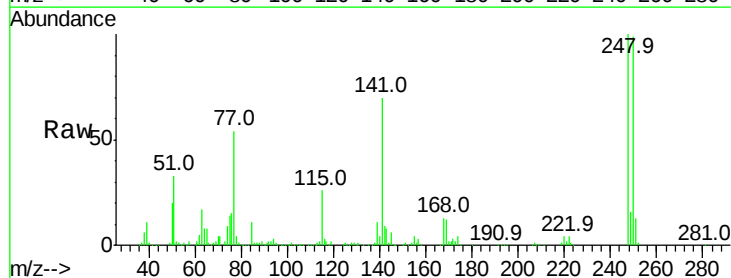
Tgt Ion:248 Resp: 214759

Ion Ratio Lower Upper

248 100

250 99.2 75.0 112.6

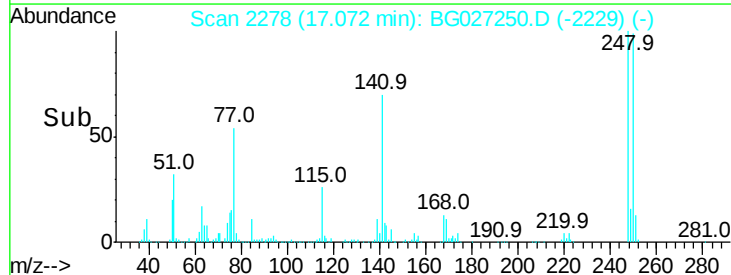
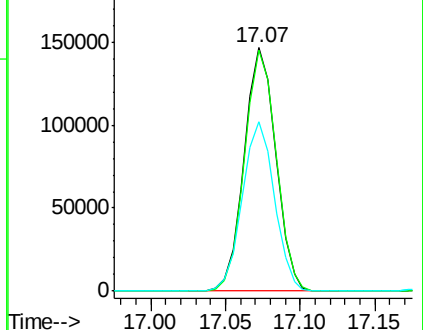
141 69.7 55.2 82.8

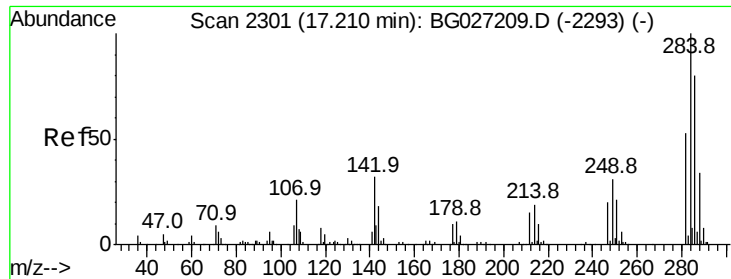


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

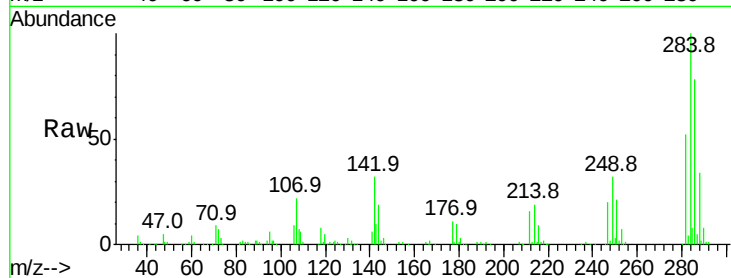




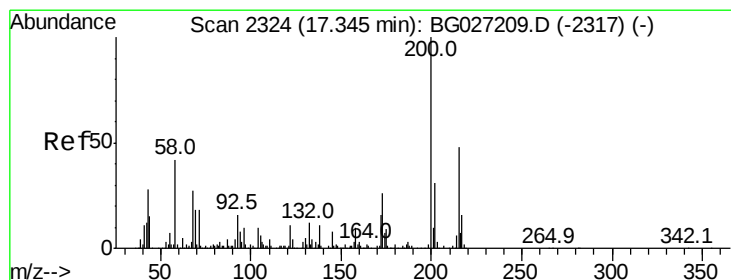
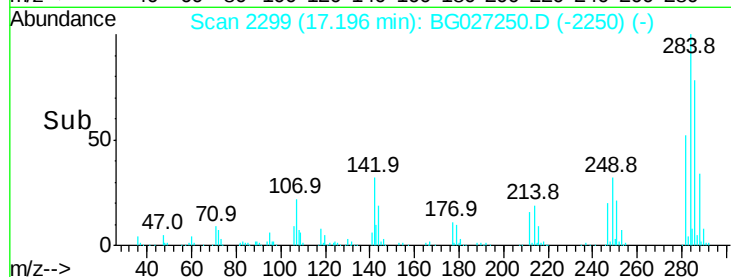
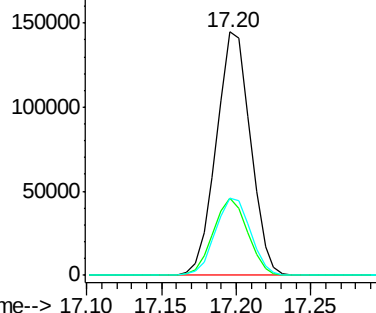
#67
Hexachlorobenzene
Concen: 46.62 ng
RT: 17.20 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Instrument :
BNA_G
ClientSampleId :
COMP-IMS

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.7	29.9	44.9
249	31.9	29.2	43.8

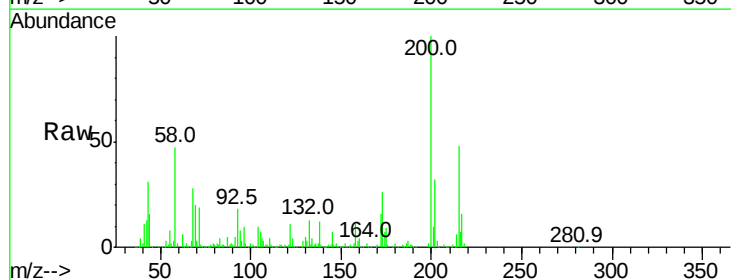


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

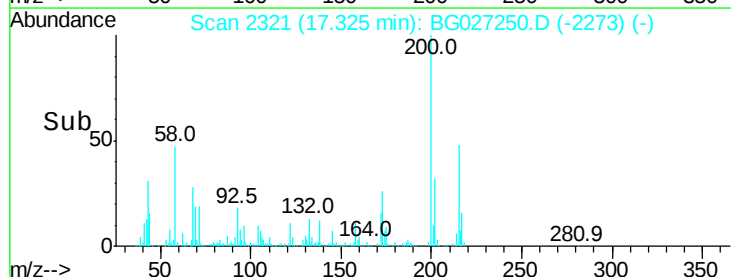
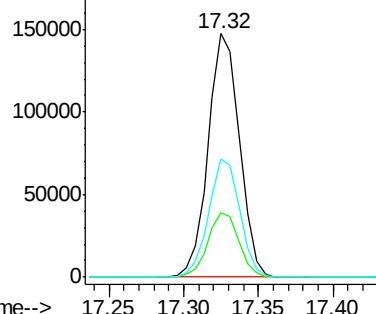


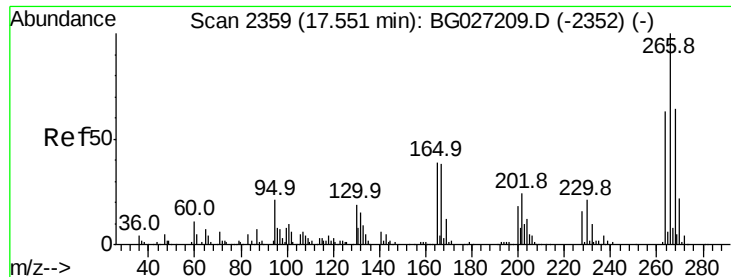
#68
Atrazine
Concen: 53.02 ng
RT: 17.32 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	3.0	43.0
215	48.4	28.4	68.4



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





#69

Pentachlorophenol

Concen: 8.49 ng

RT: 17.54 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-IMS

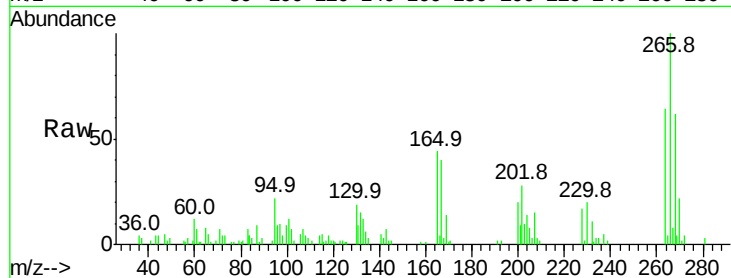
Tot Ion:266 Resp: 24424

Ion Ratio Lower Upper

266 100

268 61.7 48.6 72.8

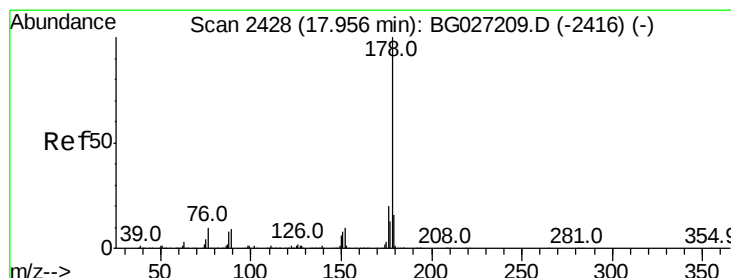
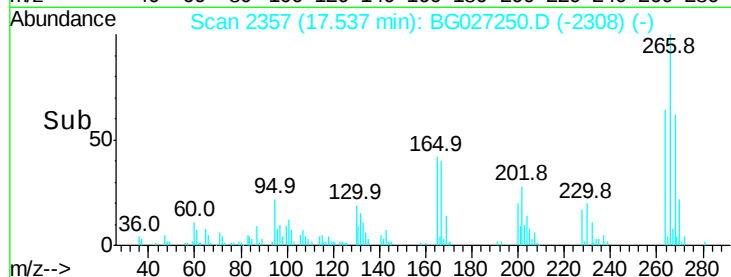
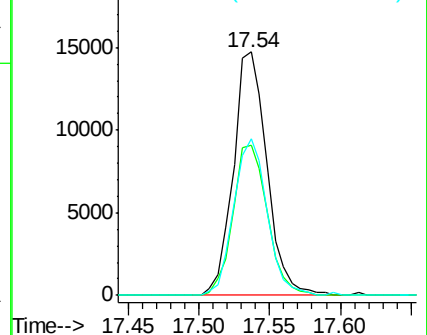
264 64.1 50.1 75.1



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: 46.45 ng

RT: 17.94 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

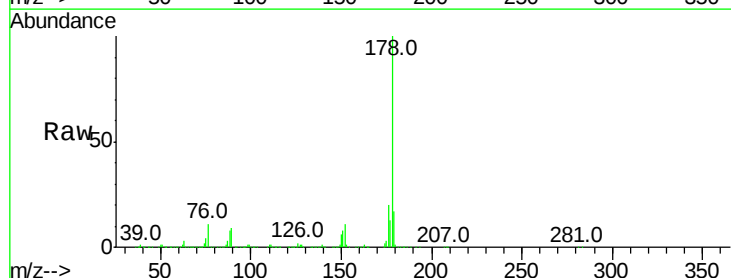
Tgt Ion:178 Resp: 1008114

Ion Ratio Lower Upper

178 100

176 19.9 17.7 26.5

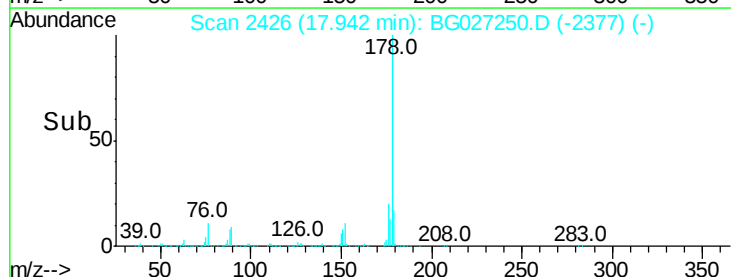
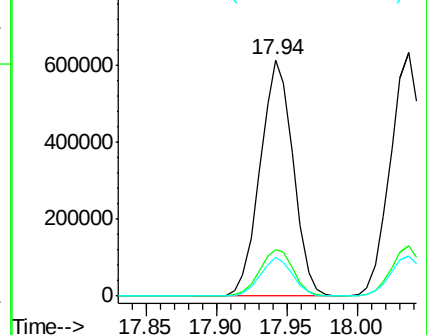
179 16.5 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



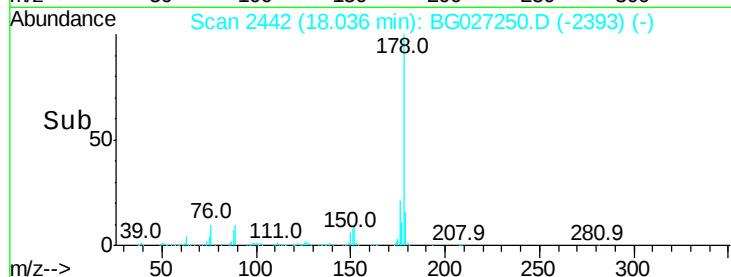
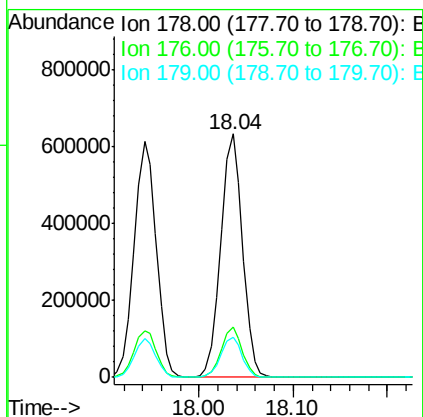
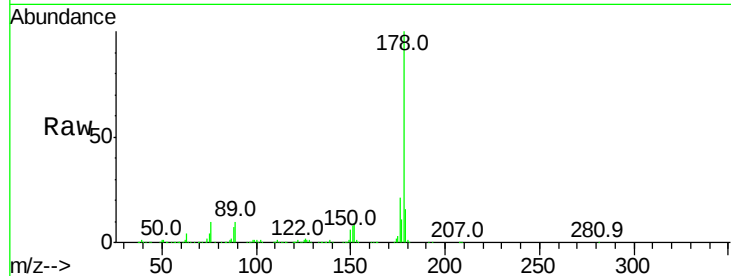


#71
 Anthracene
 Concen: 46.96 ng
 RT: 18.04 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

Tot Ion:178 Resp: 1020923

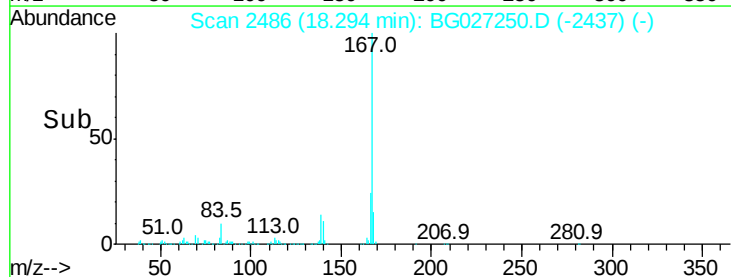
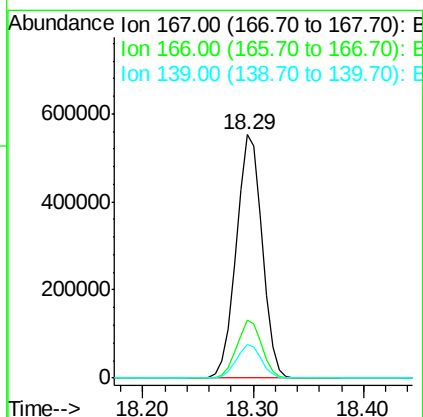
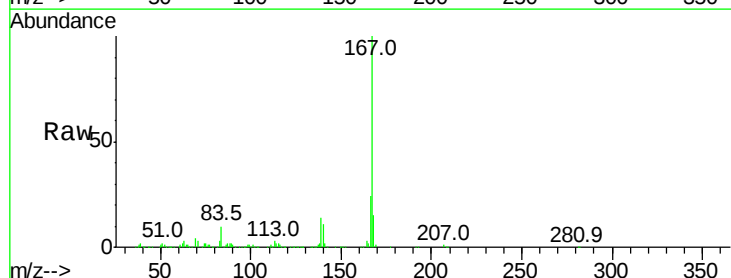
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	16.4	13.8	20.8

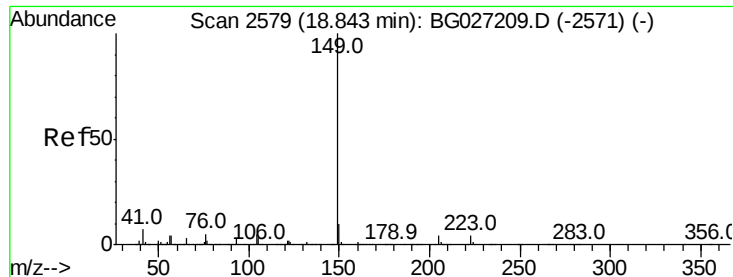


#72
 Carbazole
 Concen: 44.40 ng
 RT: 18.29 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion:167 Resp: 910500

Ion	Ratio	Lower	Upper
167	100		
166	23.9	20.2	30.2
139	13.8	12.8	19.2

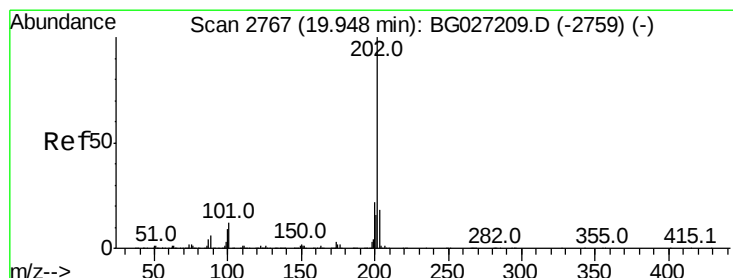
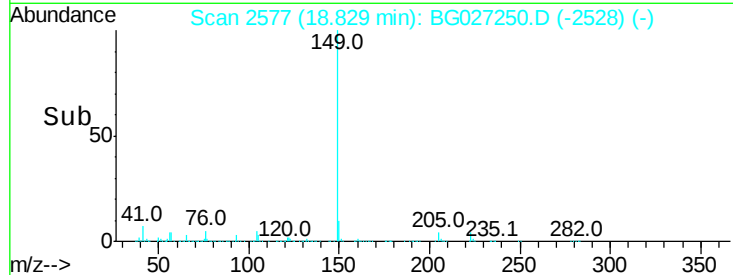
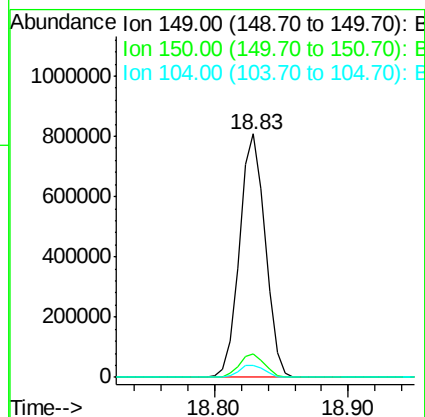
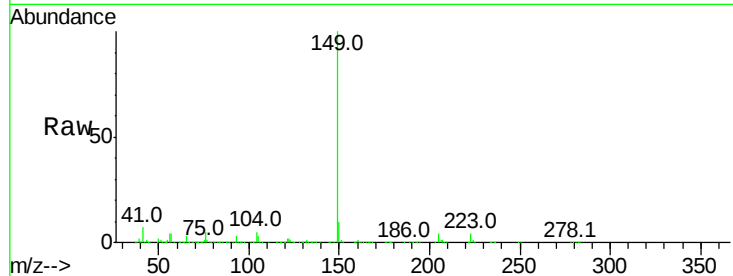




#73
Di-n-butylphthalate
Concen: 54.03 ng
RT: 18.83 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

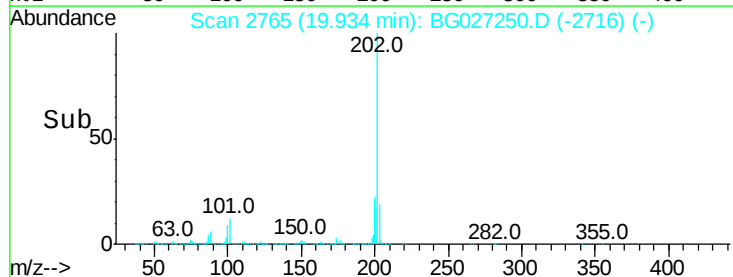
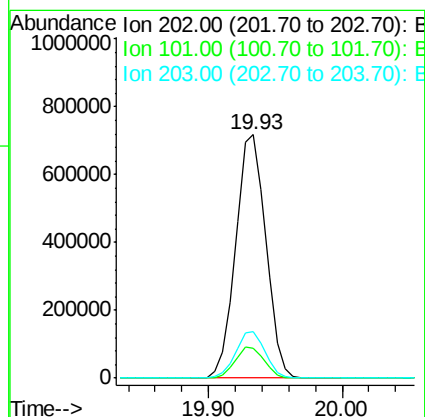
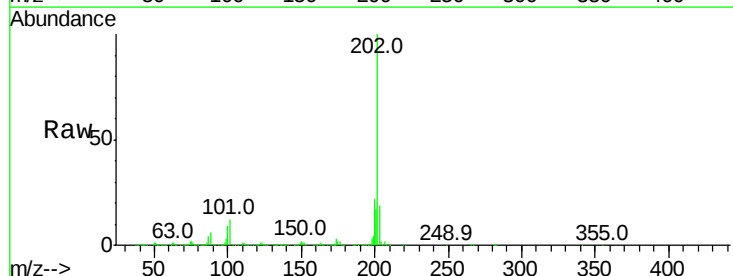
Instrument :
BNA_G
ClientSampleId :
COMP-1MS

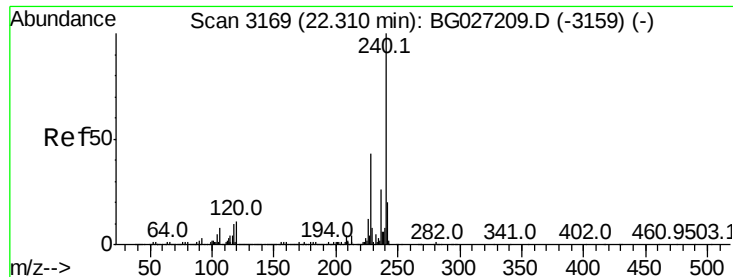
Tot Ion:149 Resp: 1074305
Ion Ratio Lower Upper
149 100
150 9.9 9.1 13.7
104 5.1 6.7 10.1#



#74
Fluoranthene
Concen: 48.30 ng
RT: 19.93 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:202 Resp: 1119900
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.1
203 18.8 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-1MS

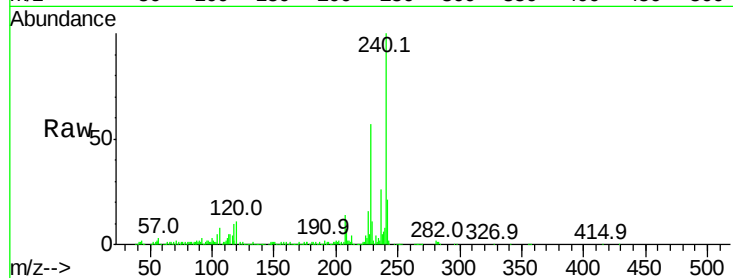
Tot Ion:240 Resp: 435962

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

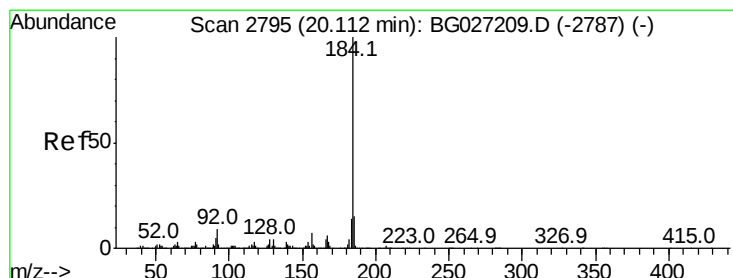
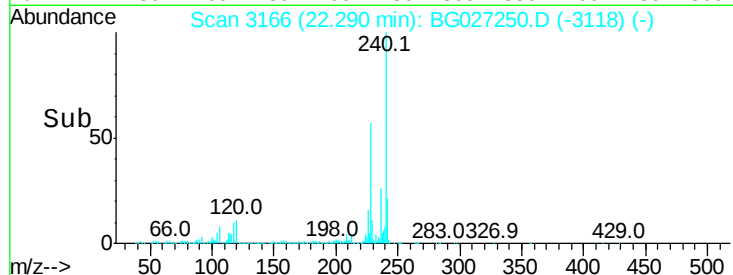
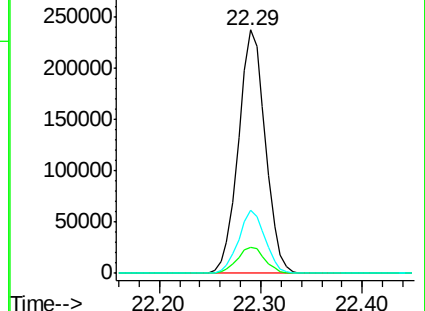
236 25.8 22.2 33.4



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: 39.64 ng

RT: 20.10 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

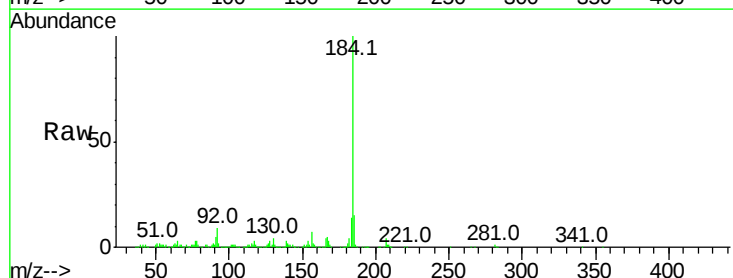
Tgt Ion:184 Resp: 520566

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.6

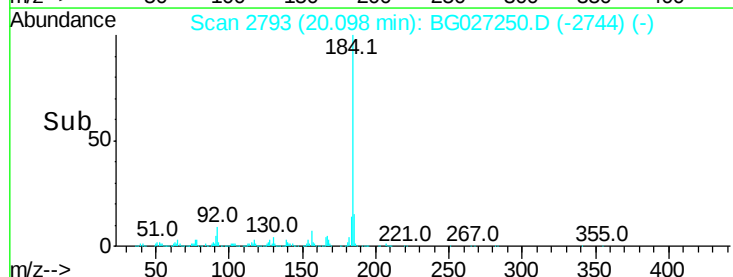
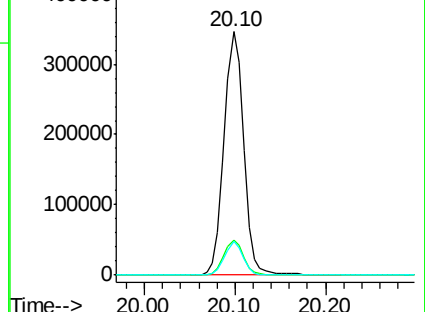
183 13.6 11.0 16.6



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: 43.93 ng

RT: 20.29 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

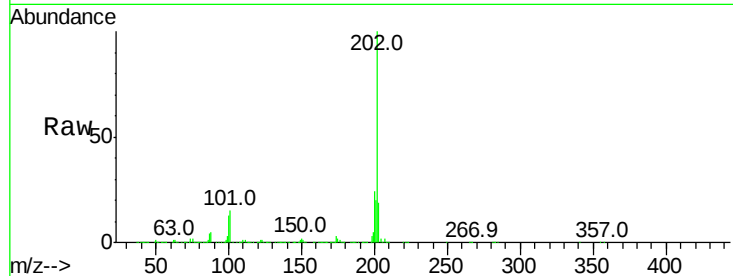
BNA_G

ClientSampleId :

COMP-IMS

Tot Ion:202 Resp: 1157040

Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.6	29.4
203	18.9	15.8	23.8

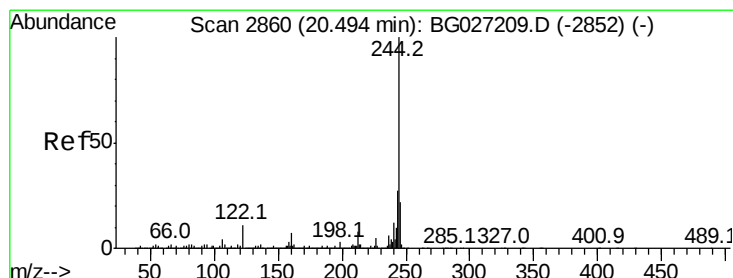
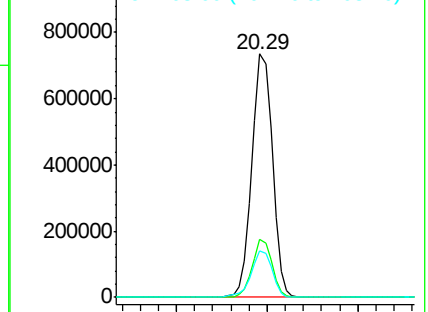
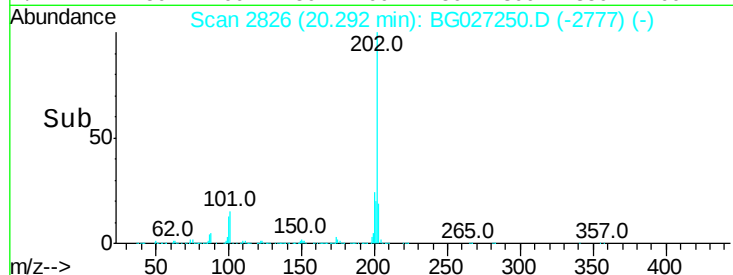


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.13 ng

RT: 20.48 min Scan# 2858

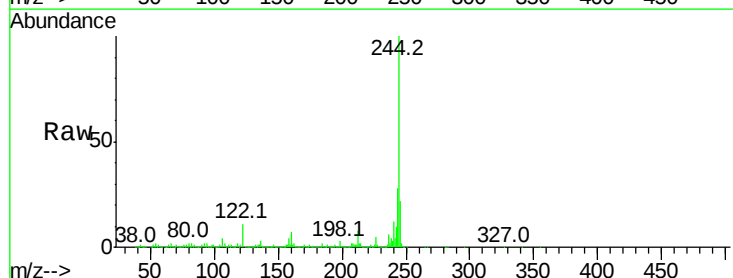
Delta R.T. -0.01 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:244 Resp: 1471874

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	10.8	8.6	12.8

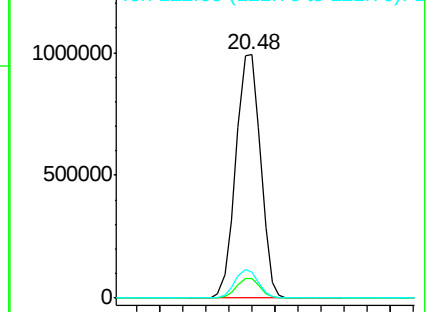
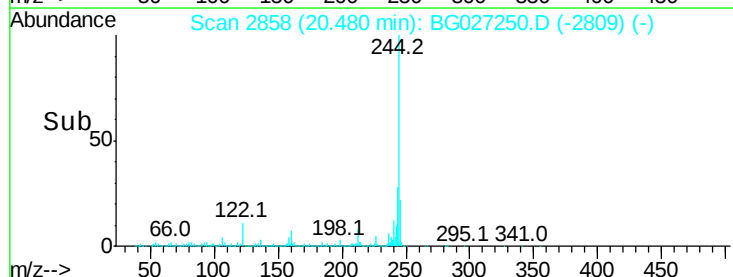


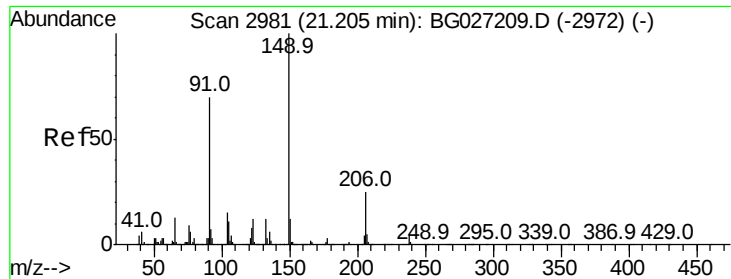
Abundance

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

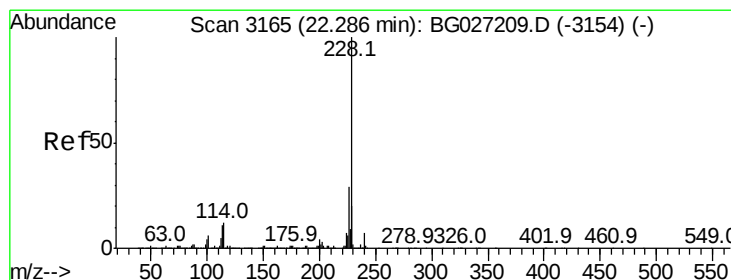
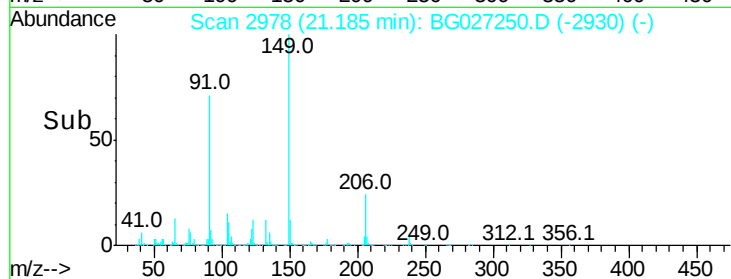
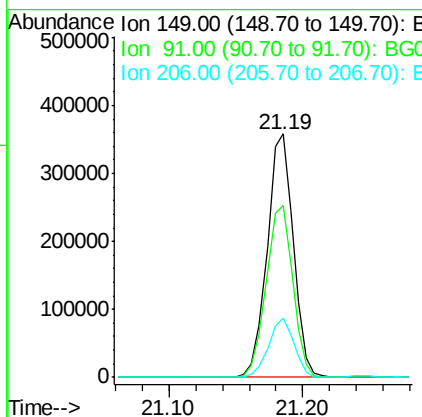
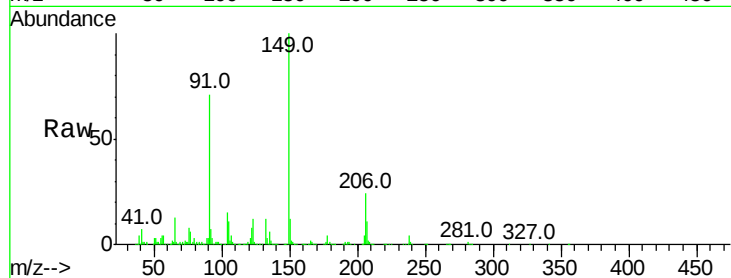




#79
Butylbenzylphthalate
Concen: 52.13 ng
RT: 21.19 min Scan# 2978
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

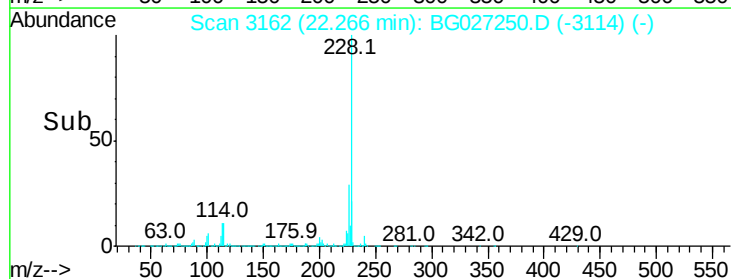
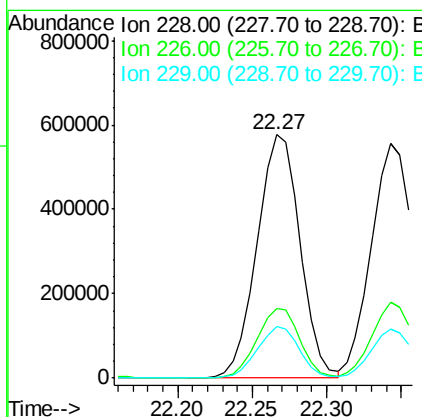
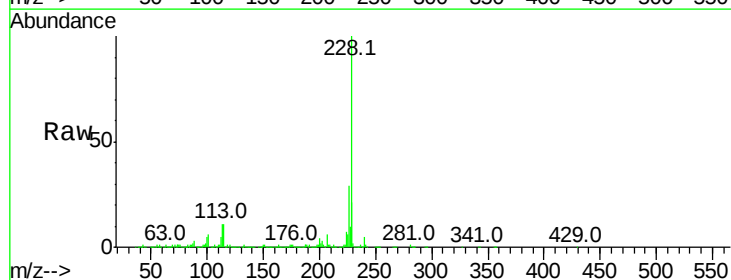
Instrument :
BNA_G
ClientSampleId :
COMP-1MS

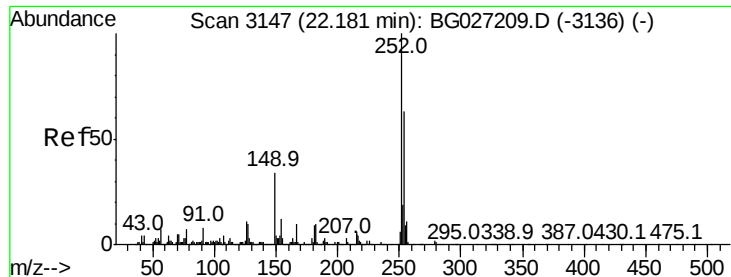
Tot Ion:149 Resp: 485206
Ion Ratio Lower Upper
149 100
91 70.7 63.5 95.3
206 24.3 21.0 31.6



#80
Benzo(a)anthracene
Concen: 46.30 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:228 Resp: 1151199
Ion Ratio Lower Upper
228 100
226 28.7 24.9 37.3
229 21.1 18.2 27.2

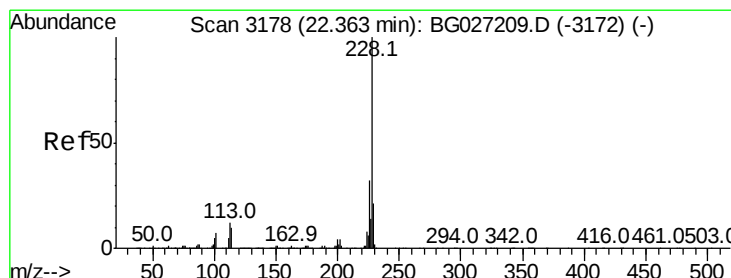
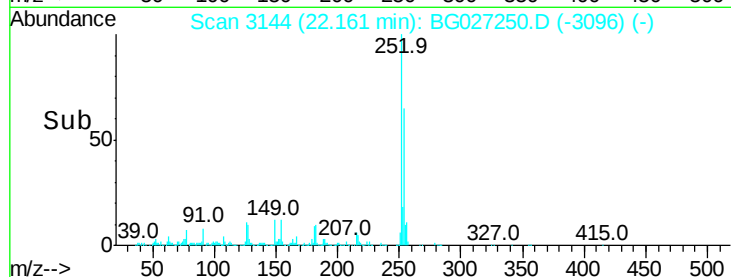
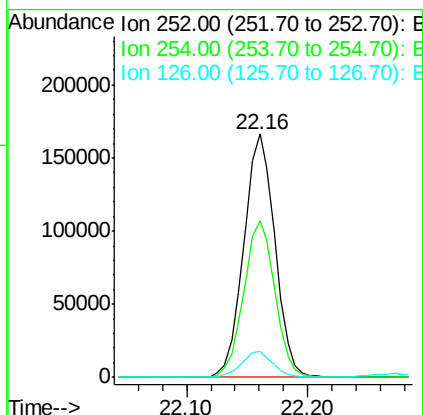
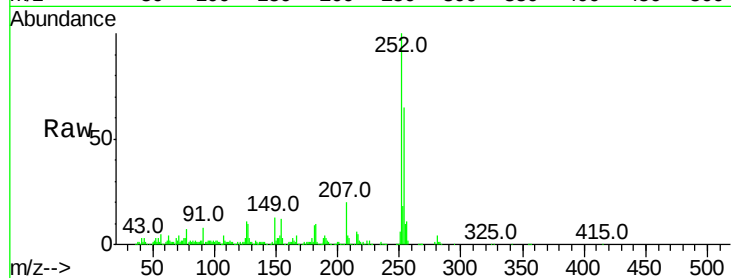




#81
 3,3'-Dichlorobenzidine
 Concen: 31.00 ng
 RT: 22.16 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

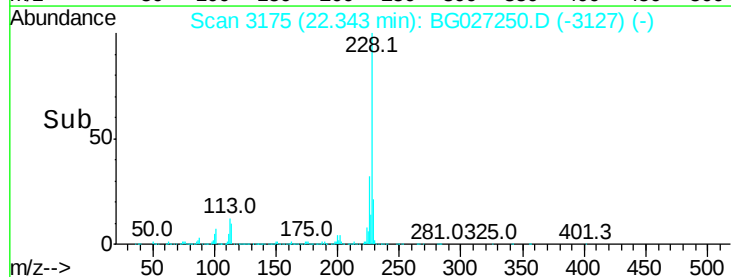
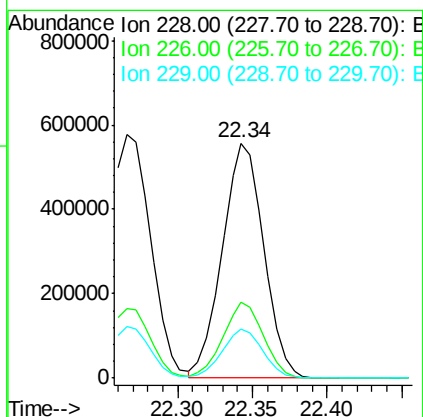
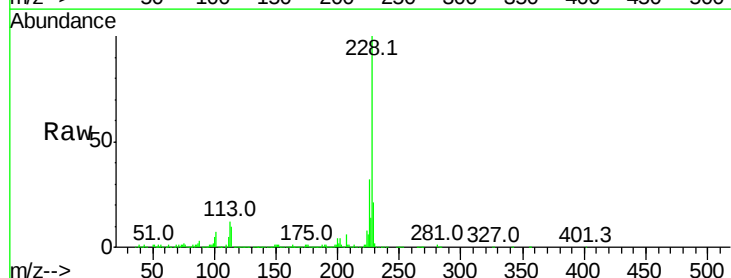
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1MS

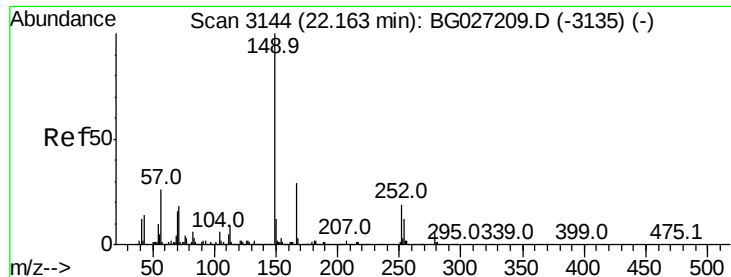
Tot Ion:252 Resp: 299882
 Ion Ratio Lower Upper
 252 100
 254 64.5 53.1 79.7
 126 10.8 7.0 10.4#



#82
 Chrysene
 Concen: 45.08 ng
 RT: 22.34 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion:228 Resp: 1075944
 Ion Ratio Lower Upper
 228 100
 226 32.1 27.0 40.4
 229 20.8 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.38 ng

RT: 22.14 min Scan# 3140

Delta R.T. -0.03 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

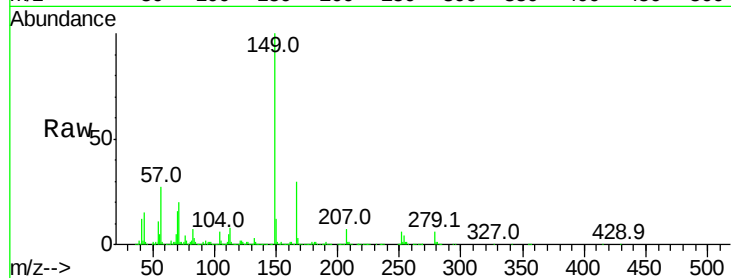
BNA_G

ClientSampleId :

COMP-IMS

Tot Ion:149 Resp: 708618

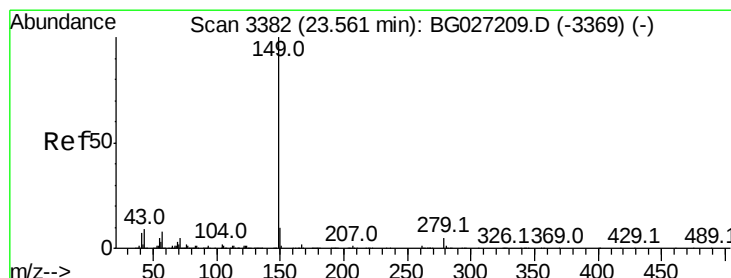
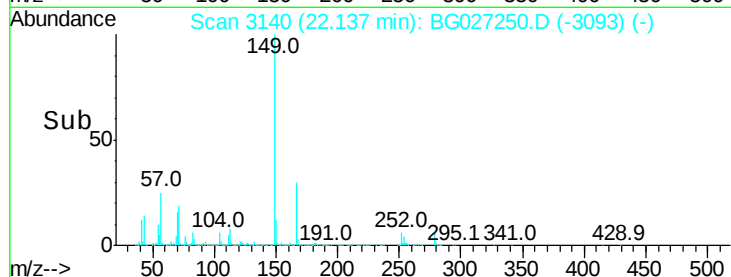
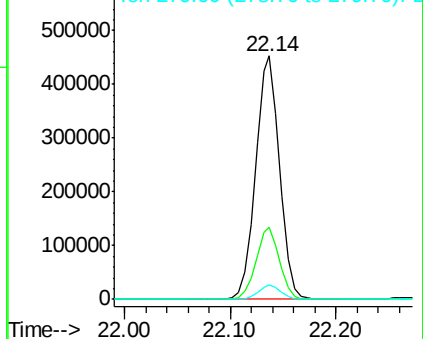
Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	5.7	4.6	6.8



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: 51.84 ng

RT: 23.52 min Scan# 3376

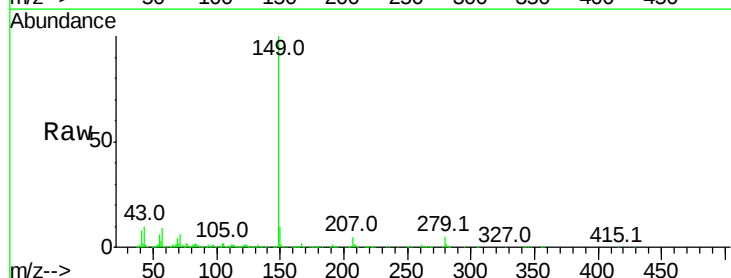
Delta R.T. -0.04 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Tgt Ion:149 Resp: 1207549

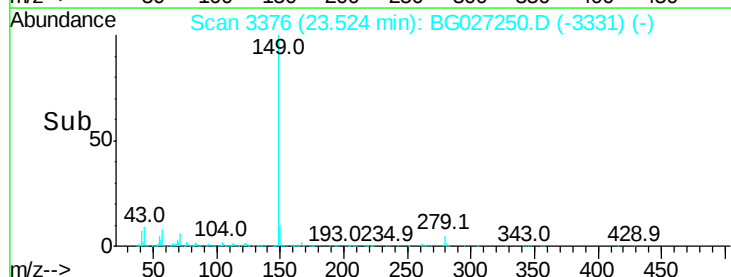
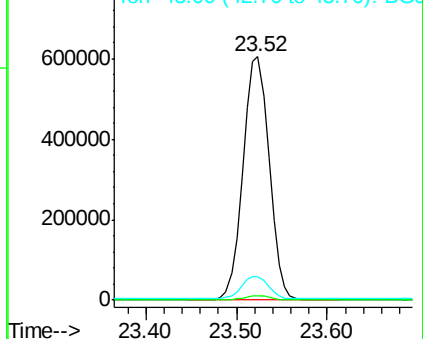
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.4	11.8	17.6#

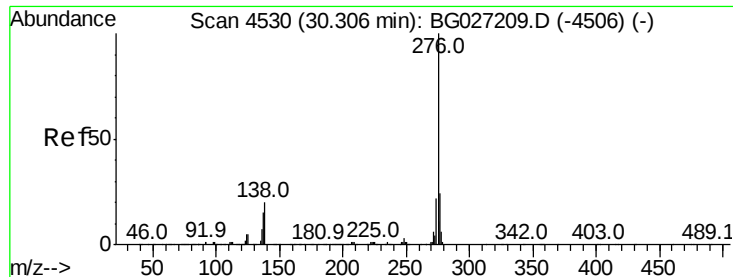


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

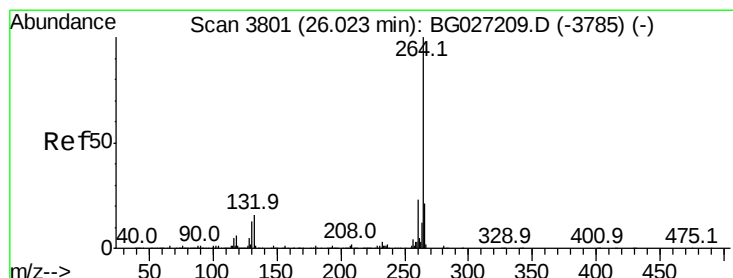
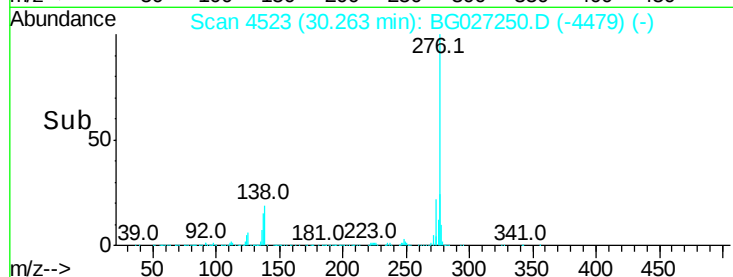
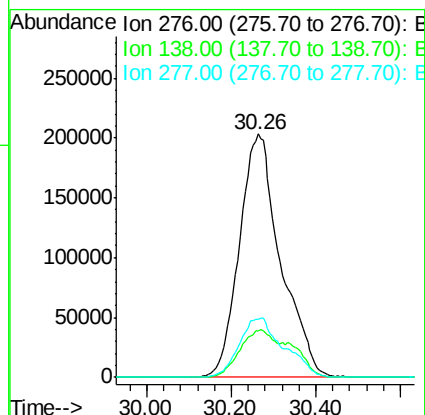
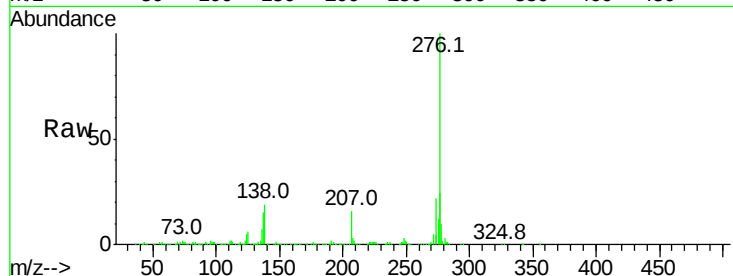




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.56 ng
 RT: 30.26 min Scan# 4523
 Delta R.T. -0.04 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

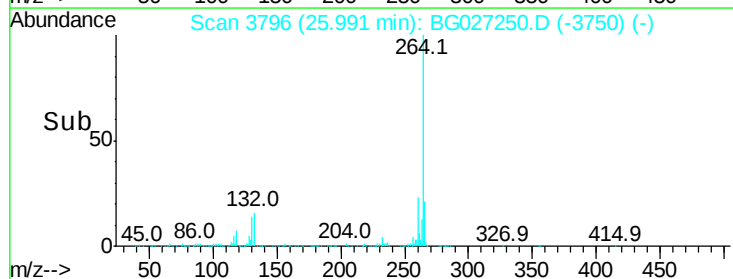
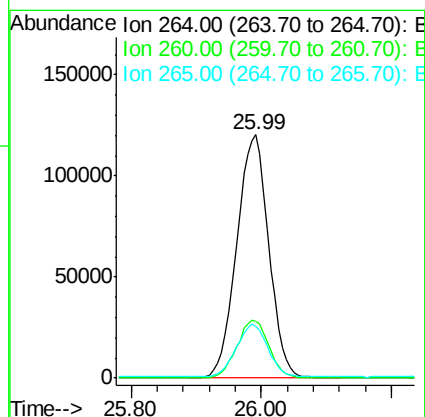
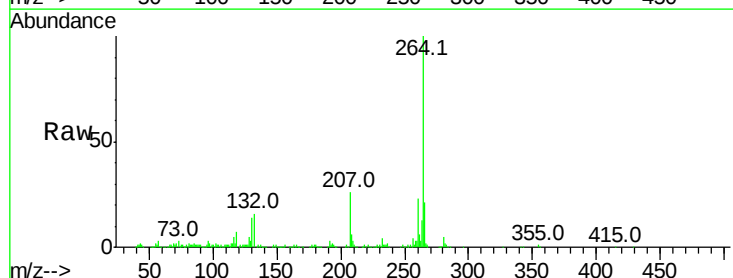
Instrument :
 BNA_G
 ClientSampleId :
 COMP-IMS

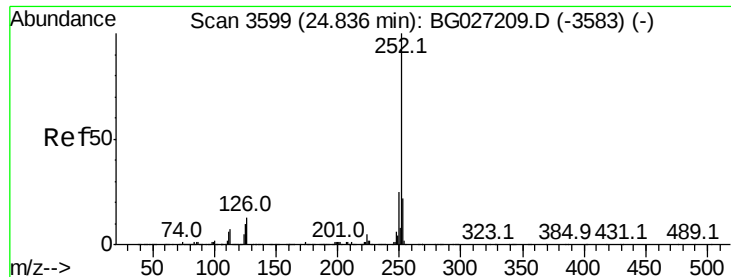
Tot Ion:276 Resp: 1374807
 Ion Ratio Lower Upper
 276 100
 138 16.9 4.7 7.1#
 277 26.4 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.99 min Scan# 3796
 Delta R.T. -0.03 min
 Lab File: BG027250.D
 Acq: 6 Jun 2017 15:34

Tgt Ion:264 Resp: 409508
 Ion Ratio Lower Upper
 264 100
 260 23.3 21.8 32.8
 265 21.3 18.2 27.4

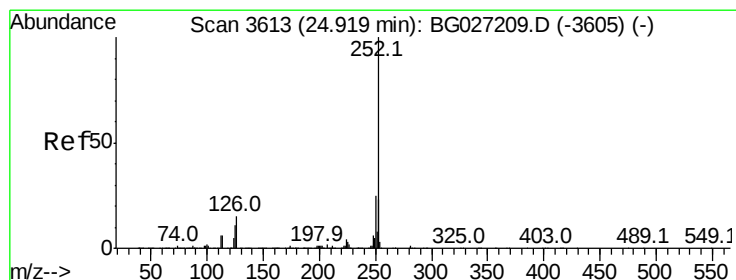
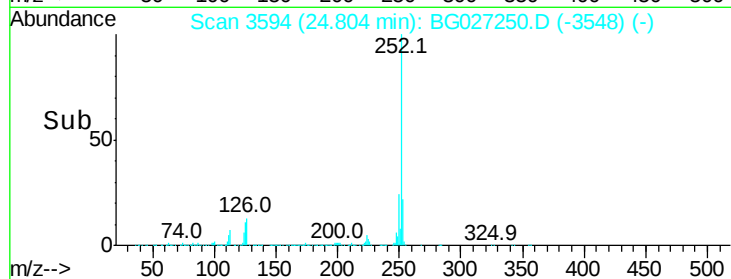
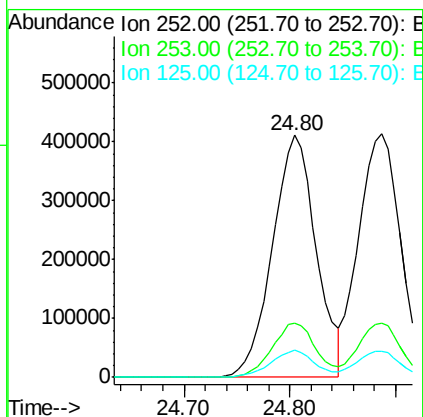
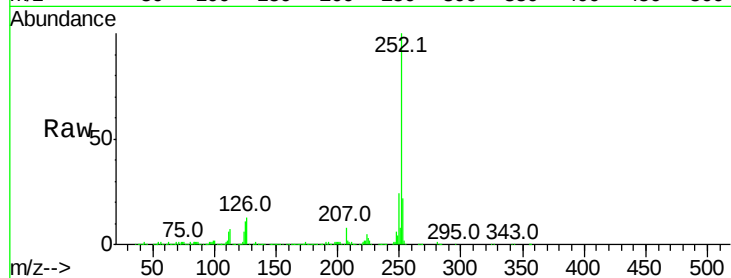




#87
Benzo(b)fluoranthene
Concen: 46.41 ng
RT: 24.80 min Scan# 3594
Delta R.T. -0.03 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

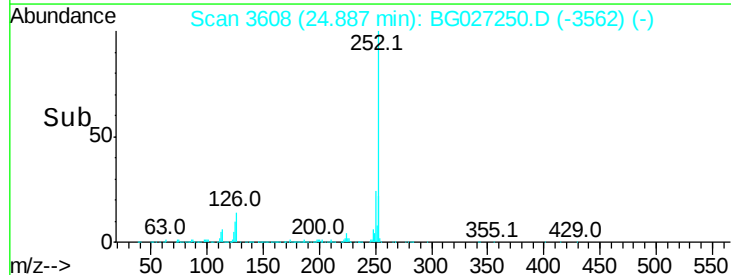
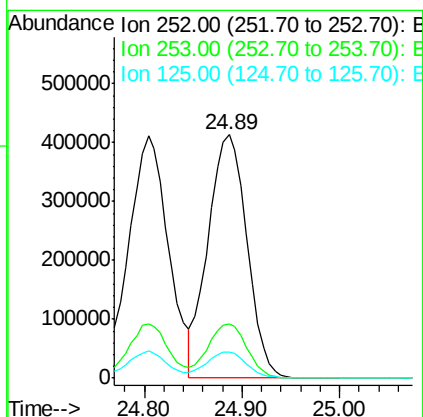
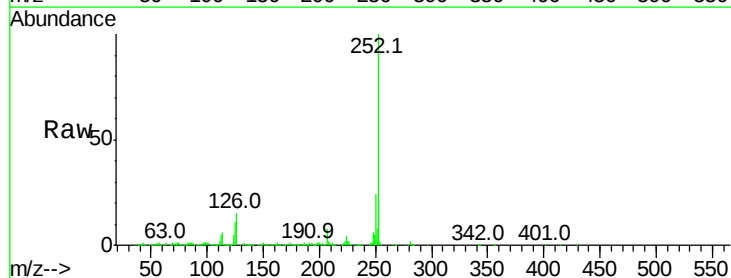
Instrument :
BNA_G
ClientSampleId :
COMP-1MS

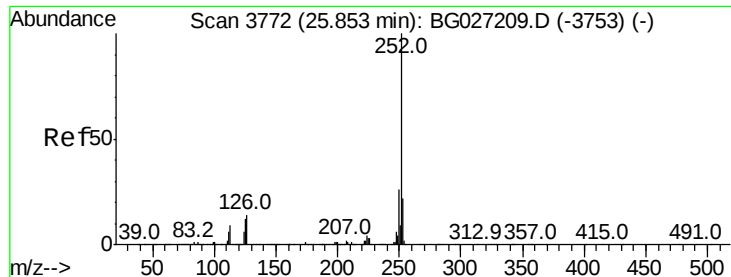
Tot Ion:252 Resp: 1178711
Ion Ratio Lower Upper
252 100
253 22.5 18.7 28.1
125 11.1 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 45.73 ng
RT: 24.89 min Scan# 3608
Delta R.T. -0.03 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:252 Resp: 1139353
Ion Ratio Lower Upper
252 100
253 22.2 20.2 30.2
125 10.7 5.1 7.7#

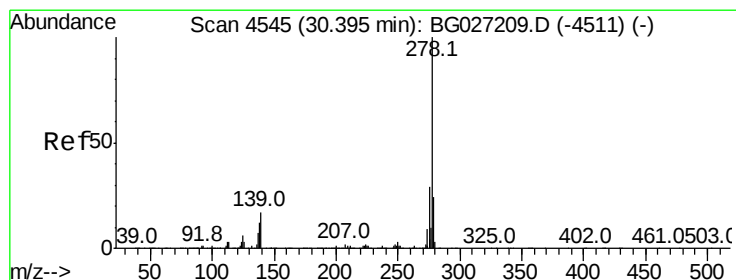
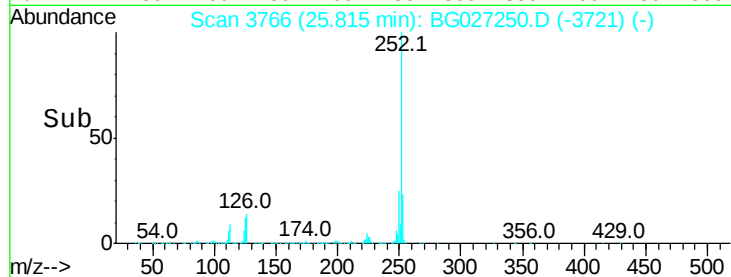
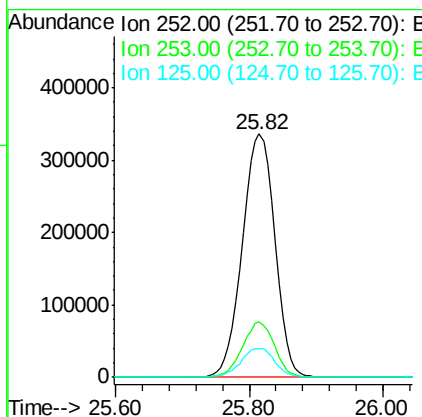
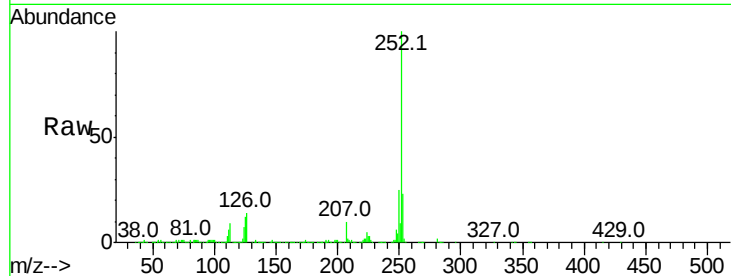




#89
Benzo(a)pyrene
Concen: 47.16 ng
RT: 25.82 min Scan# 3766
Delta R.T. -0.04 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

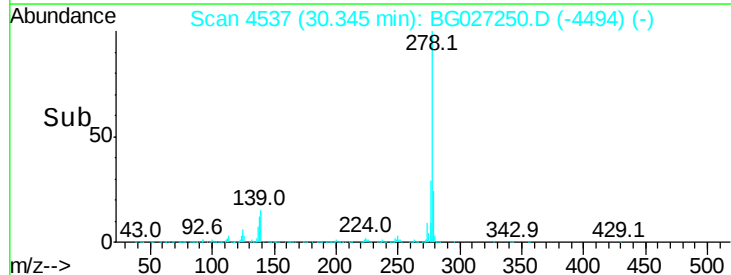
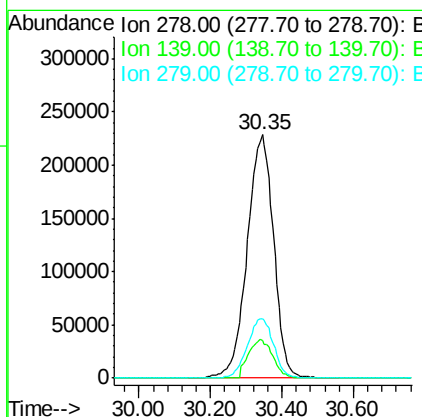
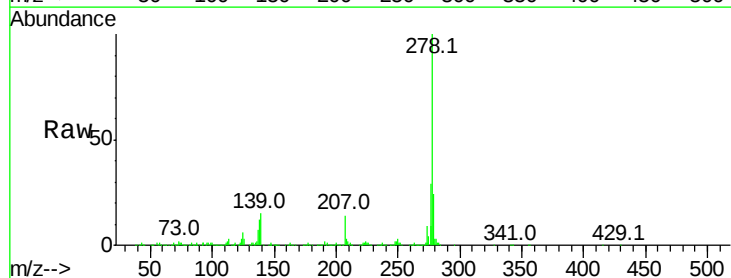
Instrument :
BNA_G
ClientSampleId :
COMP-1MS

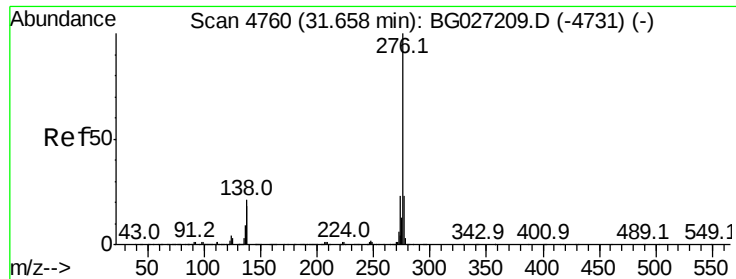
Tot Ion:252 Resp: 1127403
Ion Ratio Lower Upper
252 100
253 22.6 19.2 28.8
125 11.8 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.96 ng
RT: 30.35 min Scan# 4537
Delta R.T. -0.05 min
Lab File: BG027250.D
Acq: 6 Jun 2017 15:34

Tgt Ion:278 Resp: 1175239
Ion Ratio Lower Upper
278 100
139 15.2 7.7 11.5#
279 24.5 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 46.26 ng

RT: 31.60 min Scan# 4750

Delta R.T. -0.06 min

Lab File: BG027250.D

Acq: 6 Jun 2017 15:34

Instrument :

BNA_G

ClientSampleId :

COMP-1MS

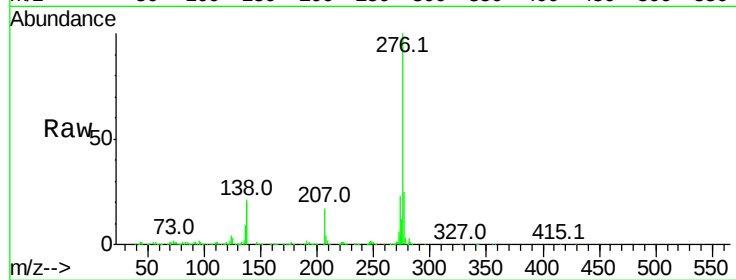
Tot Ion:276 Resp: 1121153

Ion Ratio Lower Upper

276 100

277 24.6 18.6 27.8

138 21.2 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

