

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027215.D
 Acq On : 5 Jun 2017 16:37
 Operator : SJ/MA
 Sample : PB99411BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 06 04:01:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	53294	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	266788	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	179416	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	413444	20.00	ng	0.00
75) Chrysene-d12	22.31	240	433362	20.00	ng	0.00
86) Perylene-d12	26.02	264	408520	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	586895	168.05	ng	0.00
7) Phenol-d6	7.71	99	838250	163.51	ng	0.00
23) Nitrobenzene-d5	9.74	82	424731	100.12	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	374760	158.62	ng	0.00
44) 2-Fluorobiphenyl	13.79	172	1192142	92.96	ng	0.00
78) Terphenyl-d14	20.49	244	1593277	93.79	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	49040	33.86	ng	# 78
3) Pyridine	4.55	79	152837	34.24	ng	# 72
4) n-Nitrosodimethylamine	4.45	42	74890	45.31	ng	# 49
6) Aniline	7.90	93	237364	36.77	ng	# 92
8) 2-Chlorophenol	8.14	128	202538	54.92	ng	87
9) Benzaldehyde	7.72	77	29349	8.28	ng	88
10) Phenol	7.74	94	293412	55.97	ng	# 75
11) bis(2-Chloroethyl)ether	7.98	93	193179	44.92	ng	83
12) 1,3-Dichlorobenzene	8.46	146	184181	44.28	ng	# 92
13) 1,4-Dichlorobenzene	8.61	146	189452	44.38	ng	94
14) 1,2-Dichlorobenzene	8.94	146	183847	44.16	ng	94
15) Benzyl Alcohol	8.80	79	197624	54.71	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	9.09	45	264739	43.02	ng	89
17) 2-Methylphenol	8.99	107	196511	53.03	ng	# 86
18) Hexachloroethane	9.67	117	62828	43.69	ng	89
19) n-Nitroso-di-n-propylamine	9.37	70	167780	46.78	ng	# 84
20) 3+4-Methylphenols	9.32	107	276473	53.86	ng	89
22) Acetophenone	9.39	105	313163	45.90	ng	# 82
24) Nitrobenzene	9.78	77	223830	46.31	ng	# 85
25) Isophorone	10.31	82	458527	45.97	ng	# 95
26) 2-Nitrophenol	10.50	139	95218	47.82	ng	# 74
27) 2,4-Dimethylphenol	10.53	122	233107	54.35	ng	91
28) bis(2-Chloroethoxy)methane	10.77	93	295016	45.68	ng	99
29) 2,4-Dichlorophenol	11.03	162	217727	55.61	ng	99
30) 1,2,4-Trichlorobenzene	11.25	180	195072	44.99	ng	98
31) Naphthalene	11.45	128	636247	43.64	ng	100
32) Benzoic acid	10.66	122	147889	49.54	ng	# 85
33) 4-Chloroaniline	11.54	127	111658	18.38	ng	# 88
34) Hexachlorobutadiene	11.72	225	114479	42.96	ng	97
35) Caprolactam	12.34	113	34074	25.37	ng	# 74
36) 4-Chloro-3-methylphenol	12.61	107	262396	53.47	ng	91
37) 2-Methylnaphthalene	13.01	142	494003	46.45	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	243096	43.49	ng	99
40) Hexachlorocyclopentadiene	13.35	237	300585	101.04	ng	96

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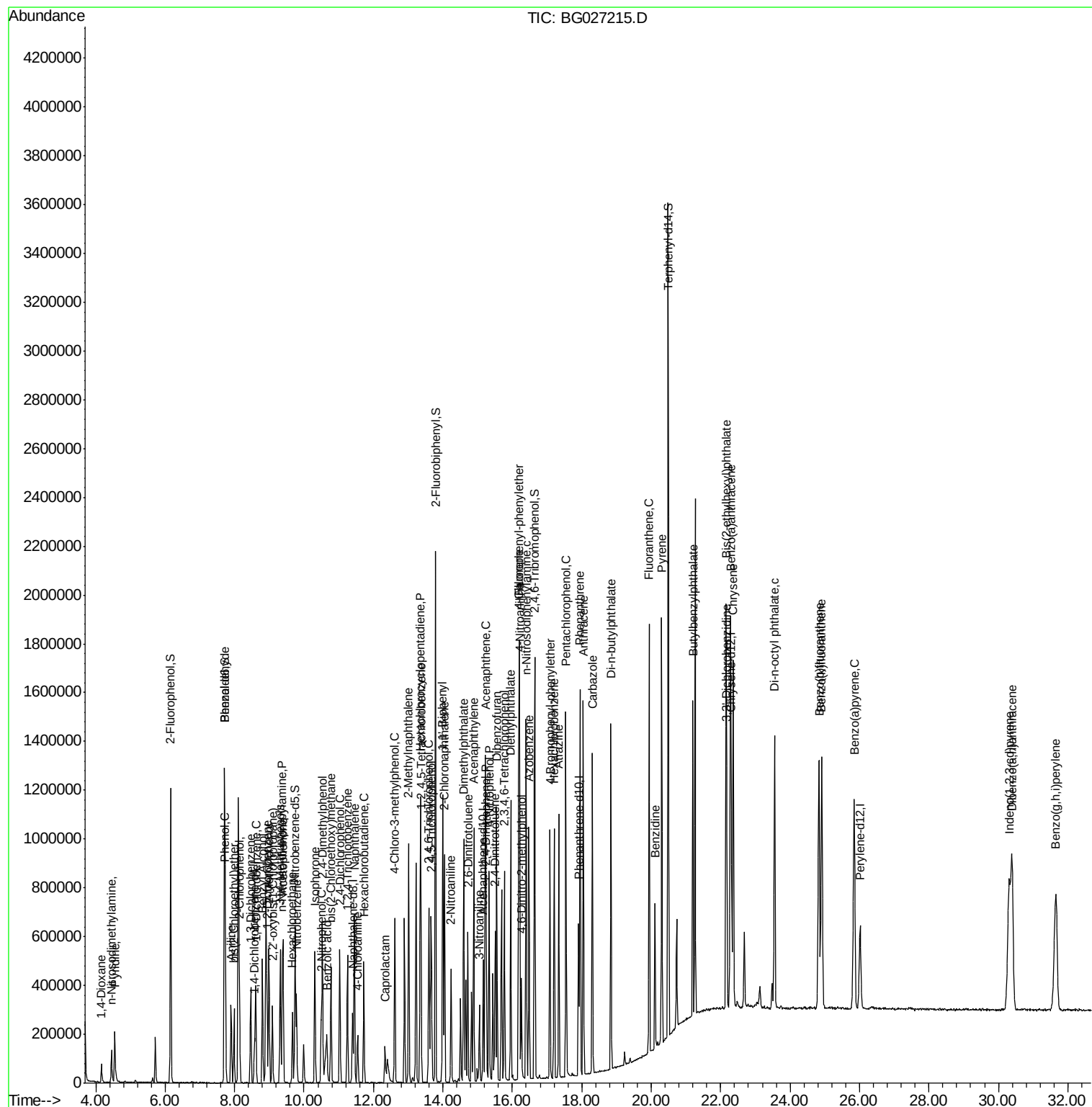
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	181920	53.66	nq	96
43) 2,4,5-Trichlorophenol	13.67	196	190335	50.17	nq	94
45) 1,1'-Biphenyl	13.99	154	664880	45.40	nq	98
46) 2-Chloronaphthalene	14.05	162	503696	45.88	nq	98
47) 2-Nitroaniline	14.23	65	148612	47.65	nq	# 79
48) Acenaphthylene	14.89	152	832951	44.83	nq	99
49) Dimethylphthalate	14.60	163	696113	48.91	nq	98
50) 2,6-Dinitrotoluene	14.72	165	139044	48.08	nq	# 75
51) Acenaphthene	15.22	154	601040	49.73	nq	100
52) 3-Nitroaniline	15.05	138	82203	29.59	nq	89
53) 2,4-Dinitrophenol	15.25	184	141530	94.08	nq	95
54) Dibenzofuran	15.55	168	829753	49.13	nq	91
55) 4-Nitrophenol	15.33	139	256204	94.13	nq	# 54
56) 2,4-Dinitrotoluene	15.50	165	191472	51.21	nq	# 83
57) Fluorene	16.20	166	677645	45.17	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	188318	55.61	nq	99
59) Diethylphthalate	15.96	149	699250	49.26	nq	99
60) 4-Chlorophenyl-phenylether	16.19	204	349392	46.23	nq	94
61) 4-Nitroaniline	16.21	138	143973	47.05	nq	# 66
62) Azobenzene	16.48	77	685235	52.08	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	99119	52.27	nq	91
65) n-Nitrosodiphenylamine	16.40	169	617302	47.62	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	232503	47.51	nq	97
67) Hexachlorobenzene	17.21	284	246938	46.92	nq	# 89
68) Atrazine	17.34	200	213733	49.31	nq	96
69) Pentachlorophenol	17.54	266	307782	99.76	nq	96
70) Phenanthrene	17.95	178	1053010	45.27	nq	97
71) Anthracene	18.04	178	1081286	46.40	nq	99
72) Carbazole	18.31	167	932034	42.40	nq	96
73) Di-n-butylphthalate	18.84	149	1035884	48.60	nq	# 94
74) Fluoranthene	19.94	202	1121814	45.14	nq	94
76) Benzidine	20.11	184	372108	28.50	nq	98
77) Pyrene	20.30	202	1129508	43.14	nq	98
79) Butylbenzylphthalate	21.20	149	450170	48.66	nq	91
80) Benzo(a)anthracene	22.28	228	1136741	46.00	nq	97
81) 3,3'-Dichlorobenzidine	22.18	252	267181	27.79	nq	95
82) Chrysene	22.36	228	1037067	43.71	nq	98
83) Bis(2-ethylhexyl)phthalate	22.15	149	665778	47.62	nq	100
84) Di-n-octyl phthalate	23.55	149	1132321	48.90	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.31	276	1354652	47.14	nq	# 87
87) Benzo(b)fluoranthene	24.83	252	1175501	46.40	nq	# 96
88) Benzo(k)fluoranthene	24.91	252	1138741	45.81	nq	# 94
89) Benzo(a)pyrene	25.84	252	1112112	46.63	nq	# 96
90) Dibenzo(a,h)anthracene	30.39	278	1163353	46.60	nq	# 96
91) Benzo(g,h,i)perylene	31.66	276	1115386	46.13	nq	# 91

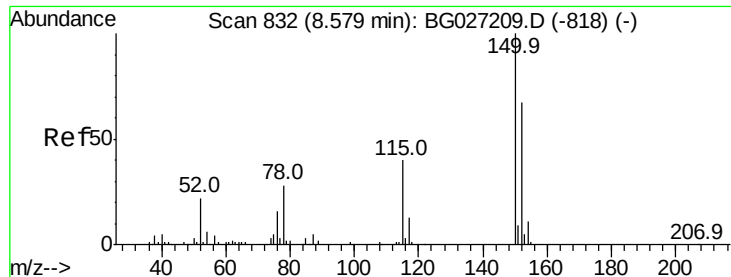
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.57 min Scan# 831

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampled :

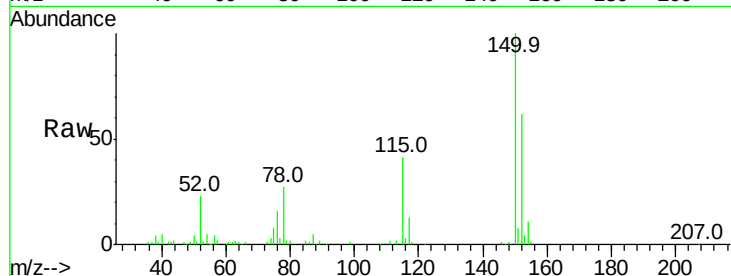
Tot Ion:152 Resp: 53294

Ion Ratio Lower Upper

152 100

150 160.4 114.0 171.0

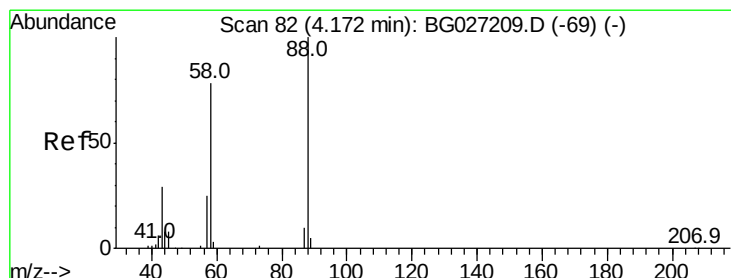
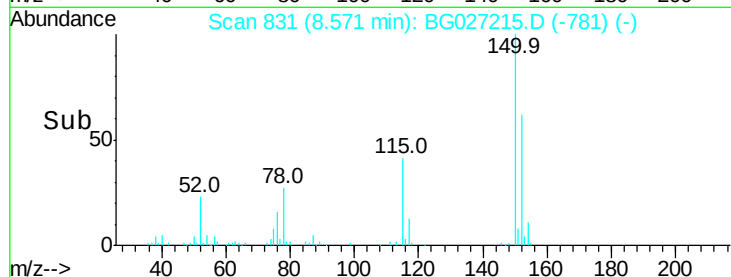
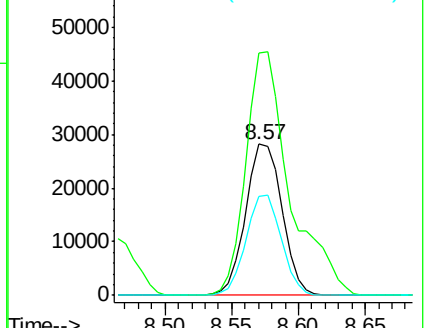
115 65.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.86 ng

RT: 4.16 min Scan# 81

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

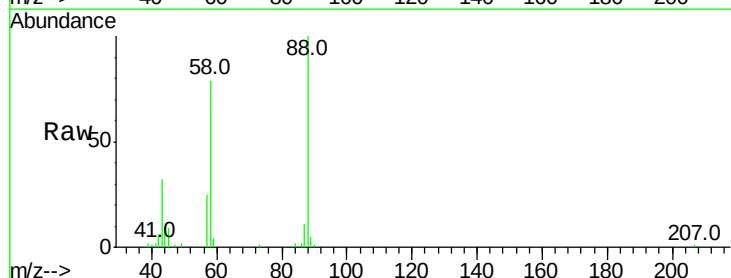
Tgt Ion: 88 Resp: 49040

Ion Ratio Lower Upper

88 100

58 75.9 79.4 119.2#

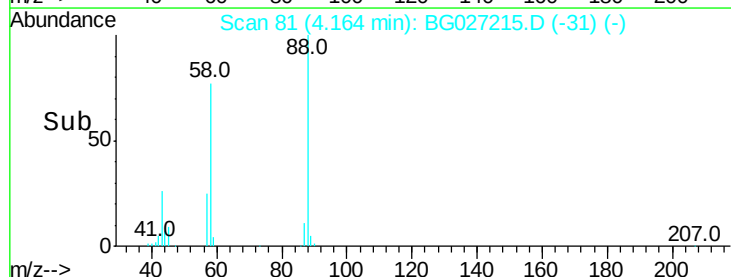
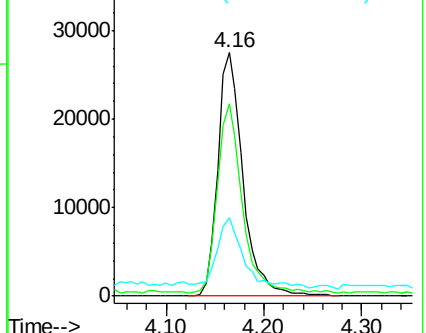
43 29.9 33.8 50.6#

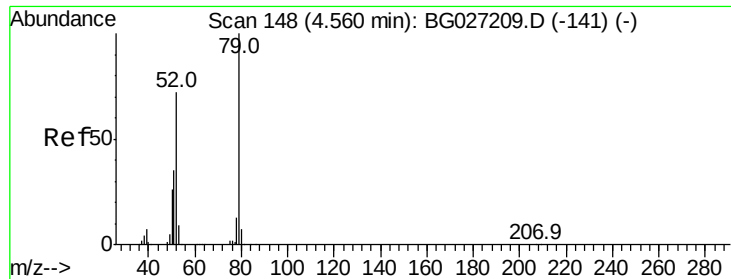


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.24 ng

RT: 4.55 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

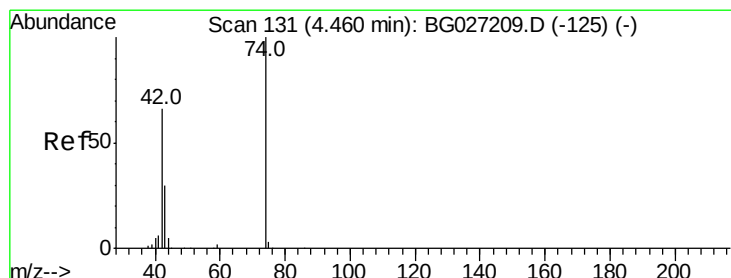
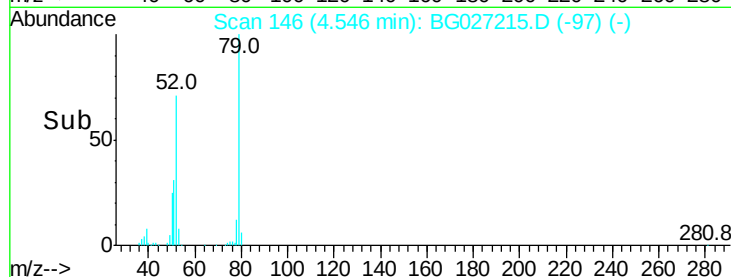
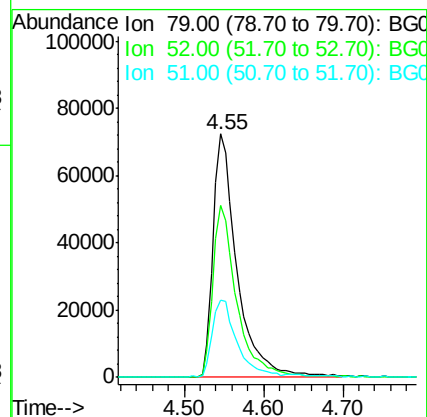
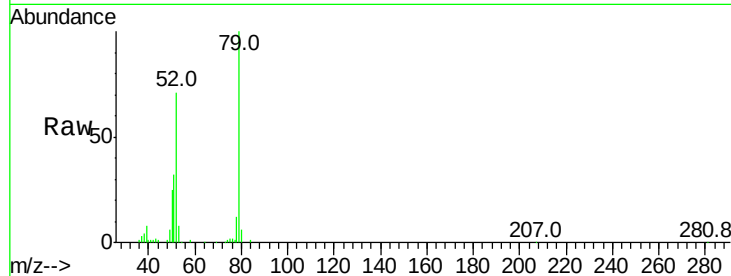
Tot Ion: 79 Resp: 152837

Ion Ratio Lower Upper

79 100

52 70.8 77.8 116.6#

51 31.6 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 45.31 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

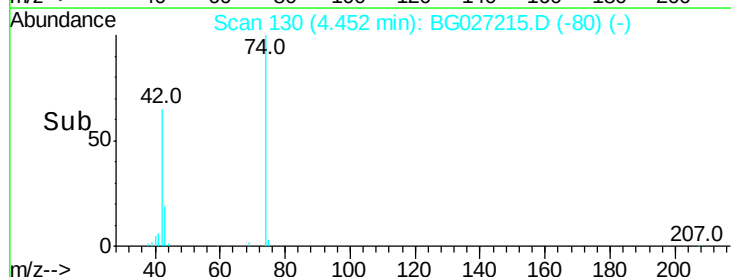
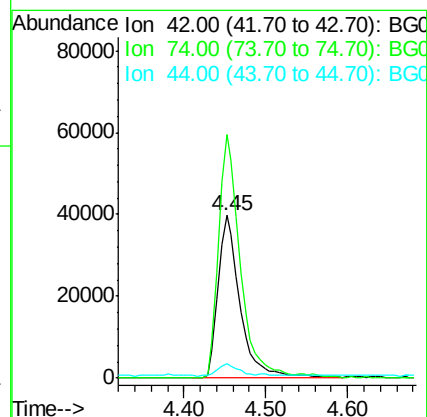
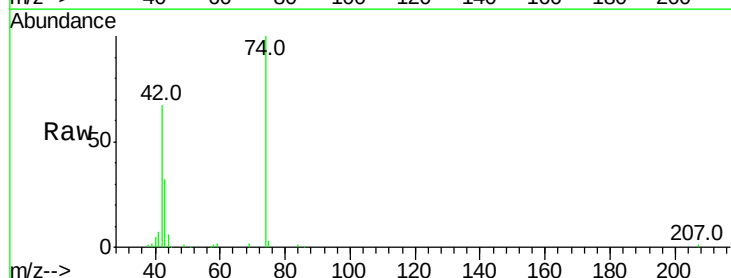
Tgt Ion: 42 Resp: 74890

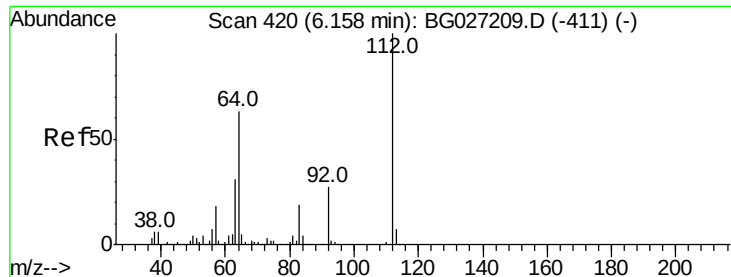
Ion Ratio Lower Upper

42 100

74 149.7 76.7 115.1#

44 8.7 6.1 9.1





#5

2-Fluorophenol

Concen: 168.05 ng

RT: 6.16 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampled :

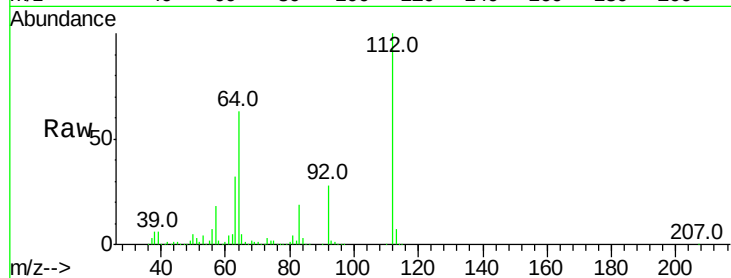
Tot Ion:112 Resp: 586895

Ion Ratio Lower Upper

112 100

64 62.9 61.8 92.6

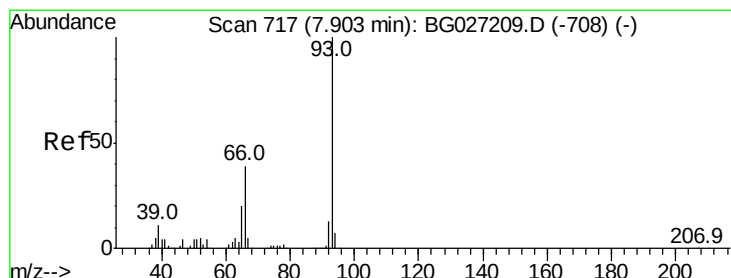
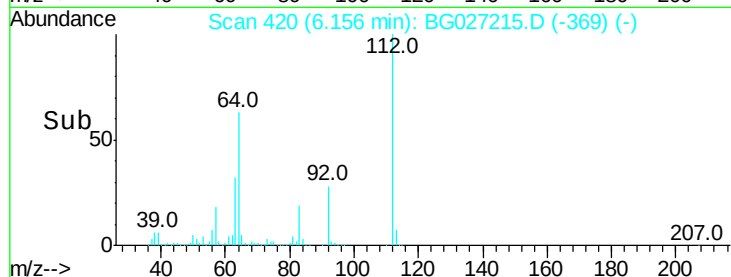
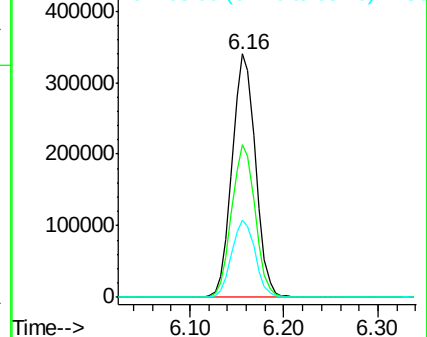
63 31.8 37.2 55.8#



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: 36.77 ng

RT: 7.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

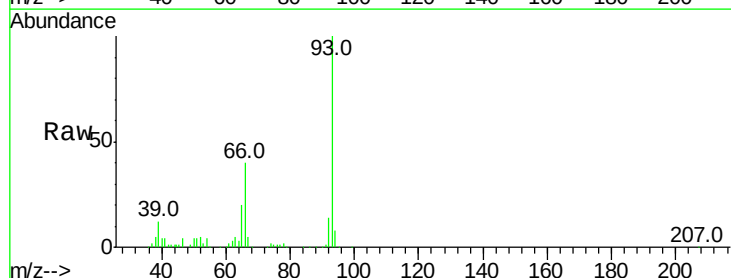
Tgt Ion: 93 Resp: 237364

Ion Ratio Lower Upper

93 100

66 40.3 35.4 53.2

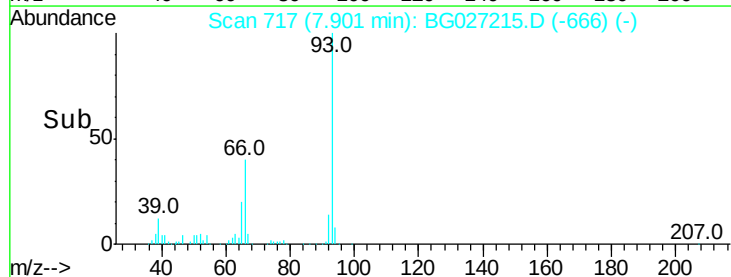
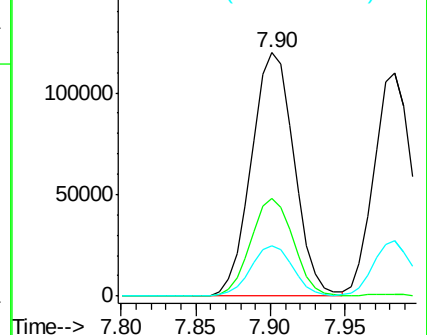
65 20.4 21.2 31.8#

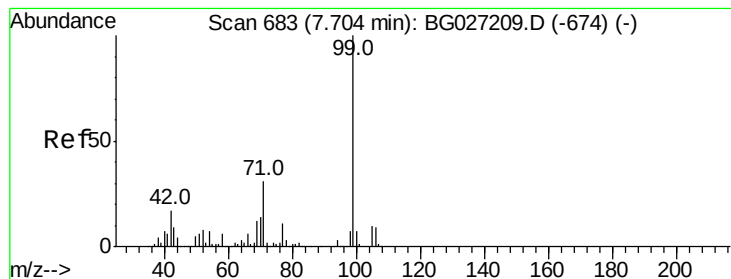


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 163.51 ng

RT: 7.71 min Scan# 685

Delta R.T. 0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampled :

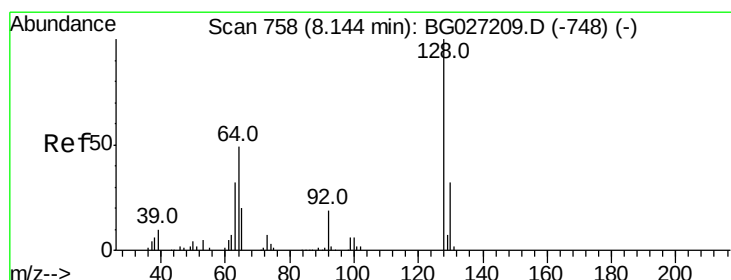
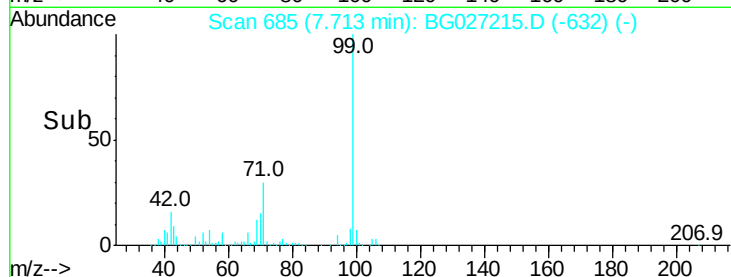
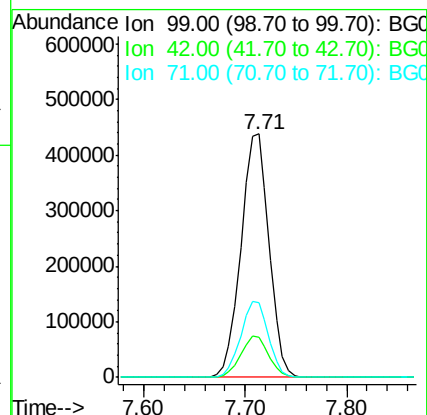
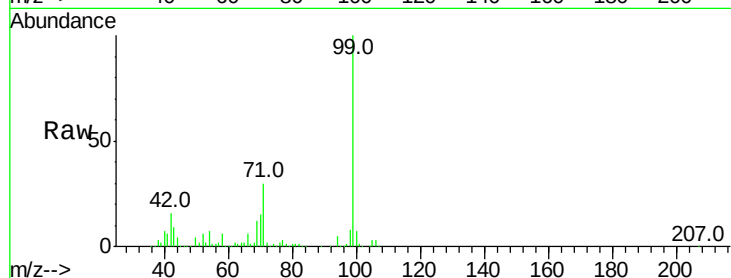
Tot Ion: 99 Resp: 838250

Ion Ratio Lower Upper

99 100

42 16.4 20.5 30.7#

71 30.4 37.6 56.4#



#8

2-Chlorophenol

Concen: 54.92 ng

RT: 8.14 min Scan# 758

Delta R.T. -0.00 min

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Acq: 5 Jun 2017 16:37

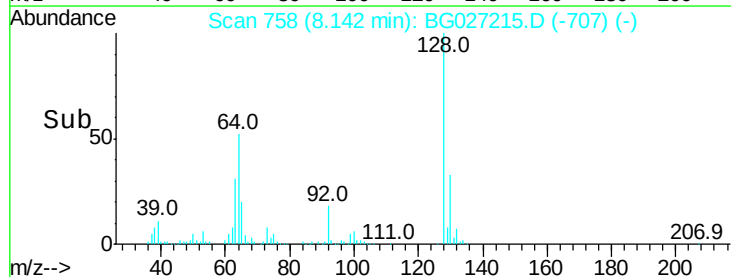
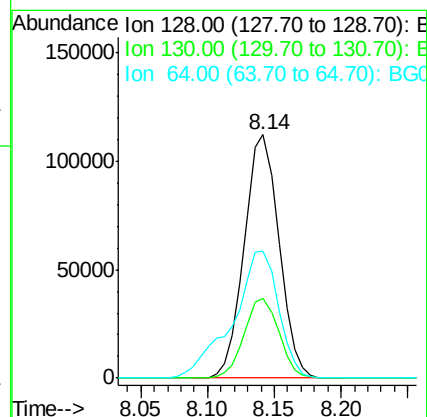
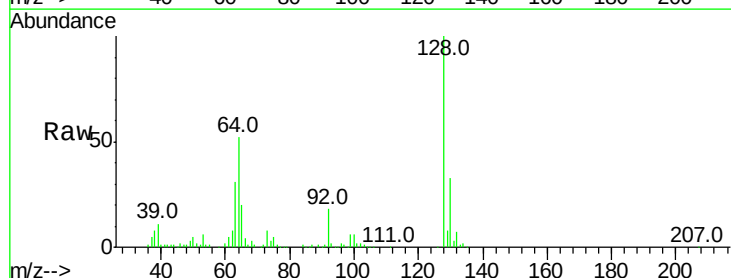
Tgt Ion:128 Resp: 202538

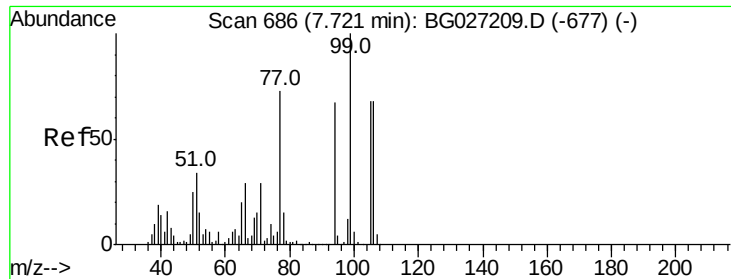
Ion Ratio Lower Upper

128 100

130 32.7 11.4 51.4

64 52.2 46.6 86.6





#9

Benzaldehyde

Concen: 8.28 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

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ClientSampleId :

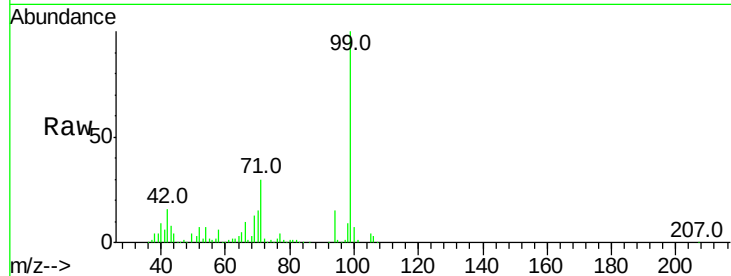
Tot Ion: 77 Resp: 29349

Ion Ratio Lower Upper

77 100

105 94.0 60.9 100.9

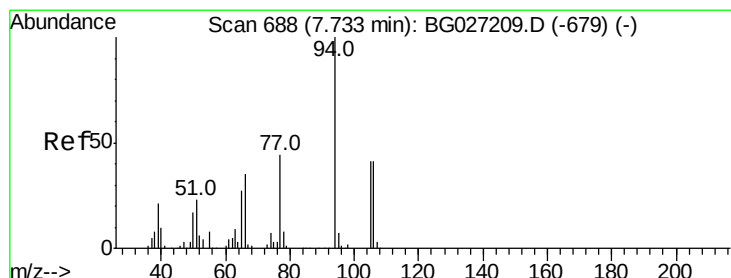
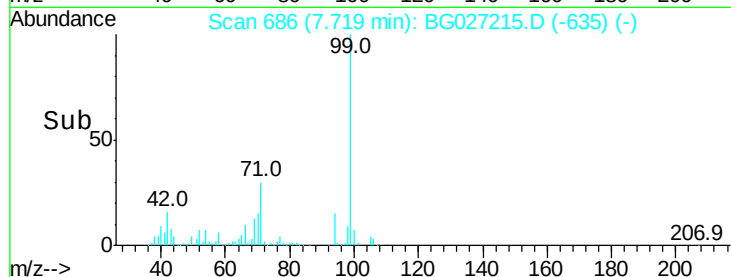
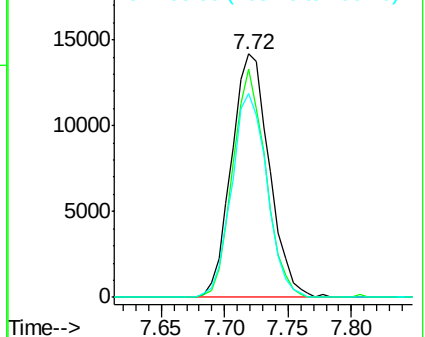
106 83.5 55.1 95.1



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: 55.97 ng

RT: 7.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

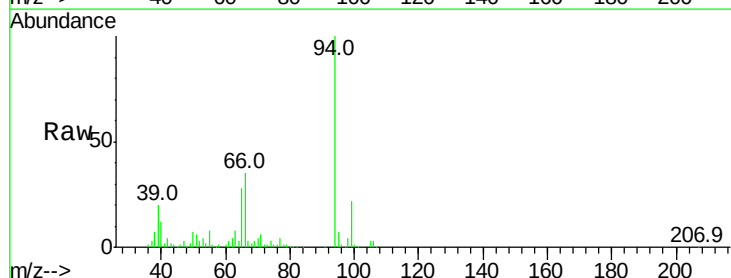
Tgt Ion: 94 Resp: 293412

Ion Ratio Lower Upper

94 100

65 28.1 20.6 60.6

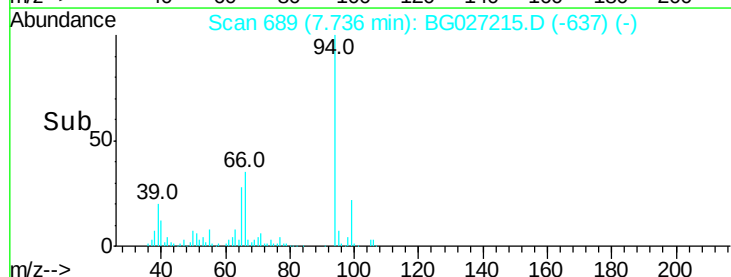
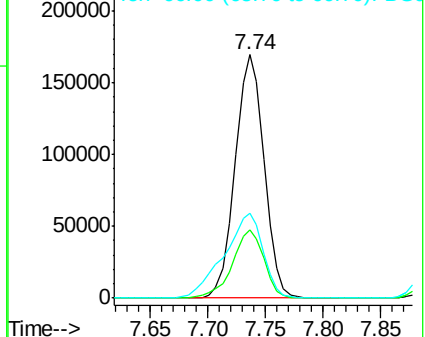
66 34.8 35.5 75.5#

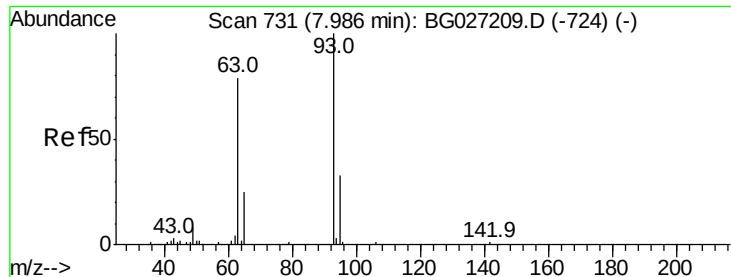


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

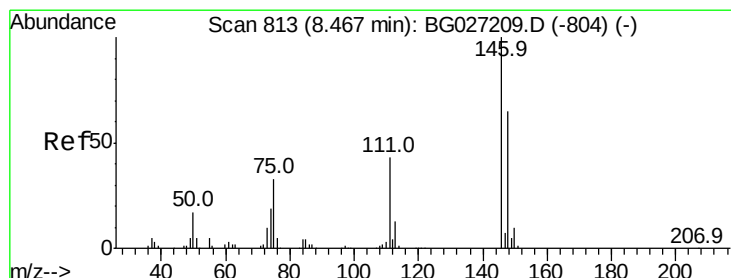
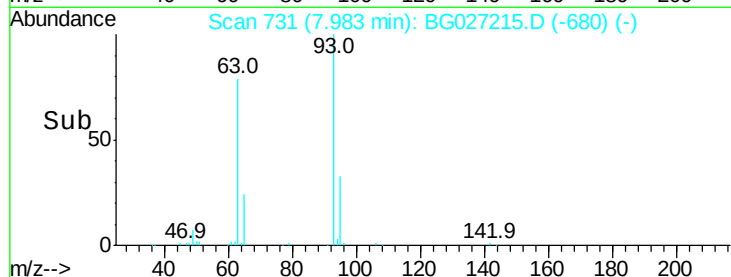
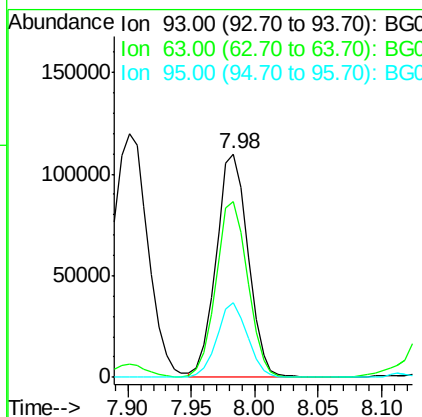
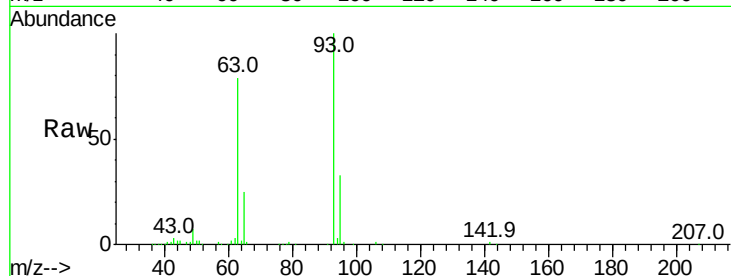




#11
bis(2-Chloroethyl)ether
Concen: 44.92 ng
RT: 7.98 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

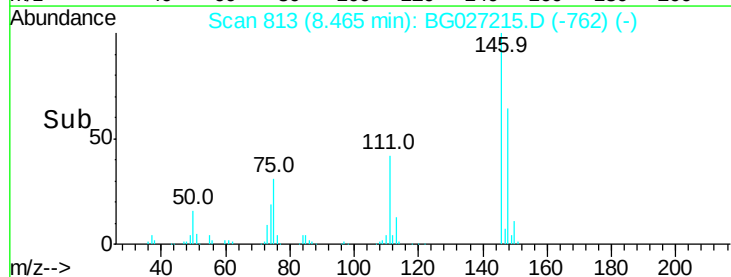
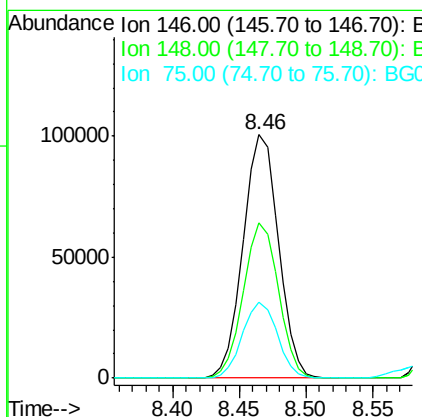
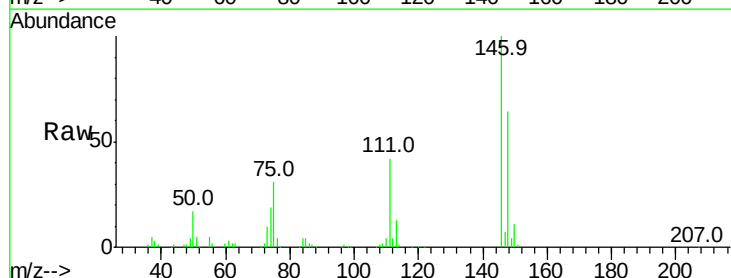
Instrument :
BNA_G
ClientSampleId :

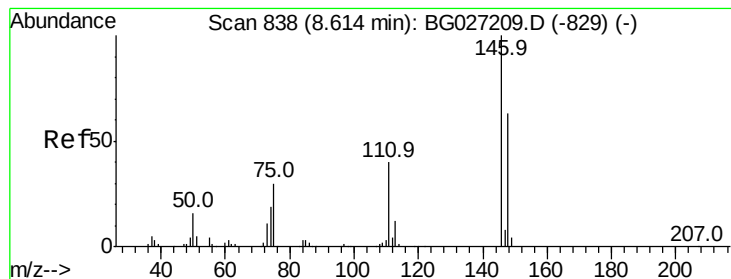
Tot Ion: 93 Resp: 193179
Ion Ratio Lower Upper
93 100
63 78.9 78.5 118.5
95 33.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 44.28 ng
RT: 8.46 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion: 146 Resp: 184181
Ion Ratio Lower Upper
146 100
148 63.6 49.2 73.8
75 31.2 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 44.38 ng

RT: 8.61 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

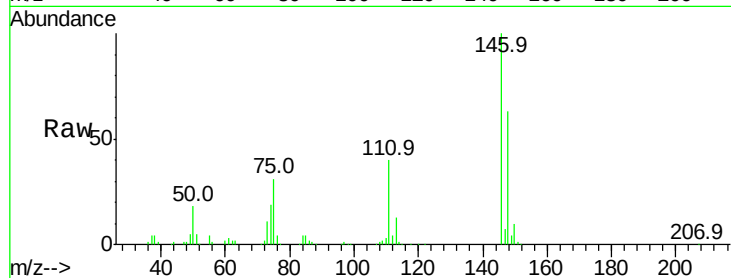
Tot Ion:146 Resp: 189452

Ion Ratio Lower Upper

146 100

148 63.3 52.2 78.2

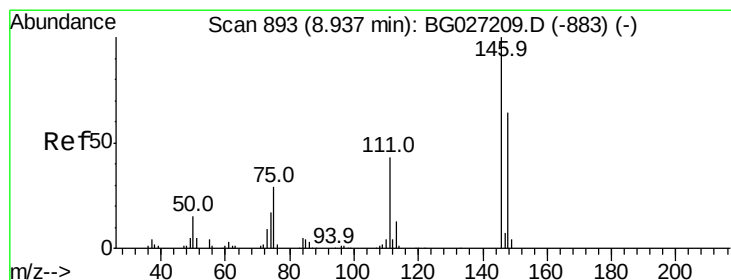
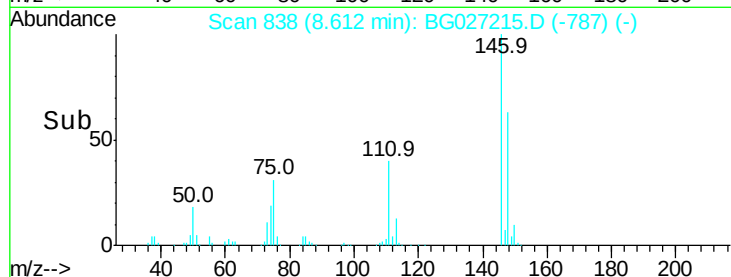
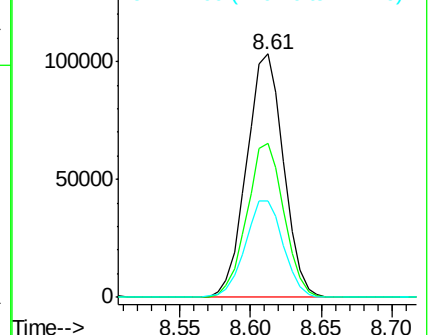
111 39.5 37.0 55.6



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: 44.16 ng

RT: 8.94 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

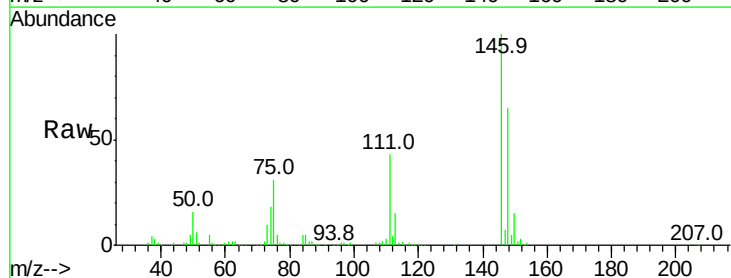
Tgt Ion:146 Resp: 183847

Ion Ratio Lower Upper

146 100

148 65.1 54.6 81.8

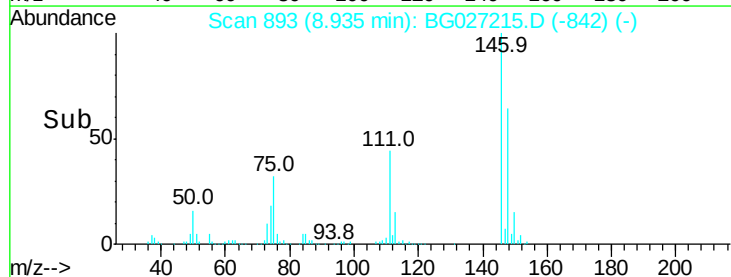
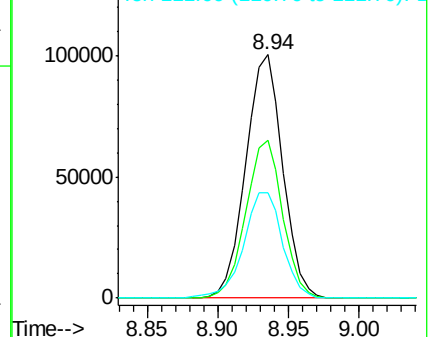
111 43.5 39.7 59.5

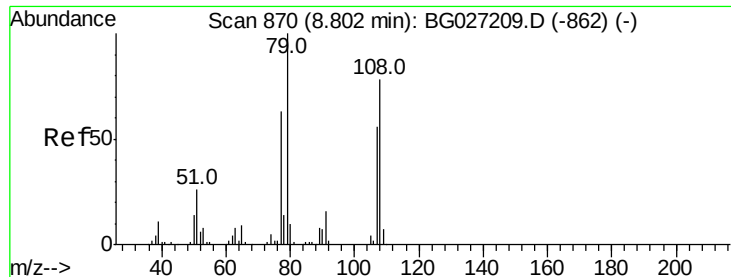


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.71 ng

RT: 8.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

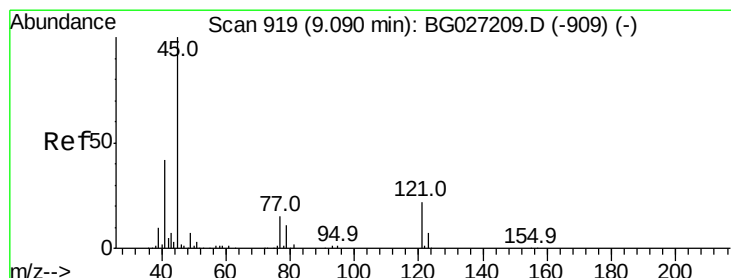
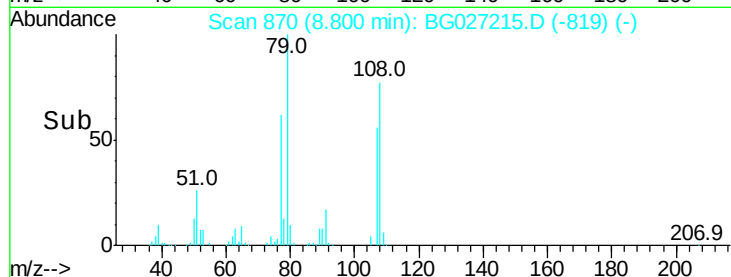
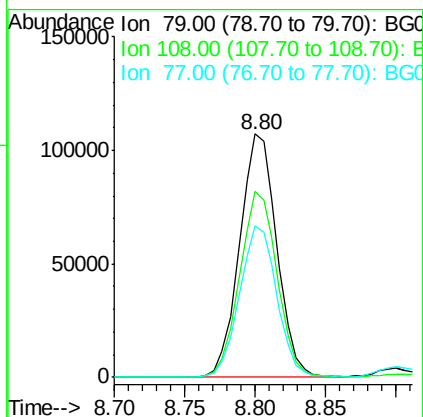
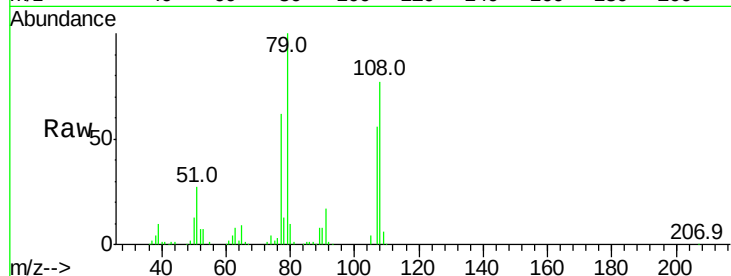
Tot Ion: 79 Resp: 197624

Ion Ratio Lower Upper

79 100

108 76.7 45.5 68.3#

77 62.0 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.02 ng

RT: 9.09 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

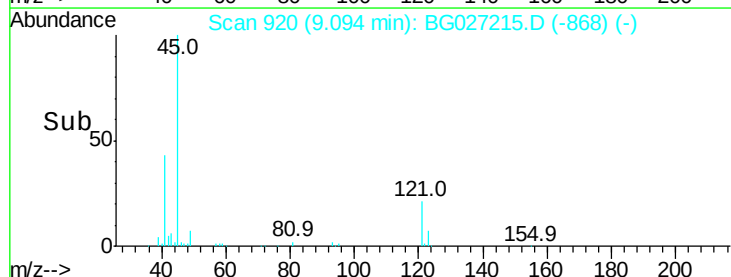
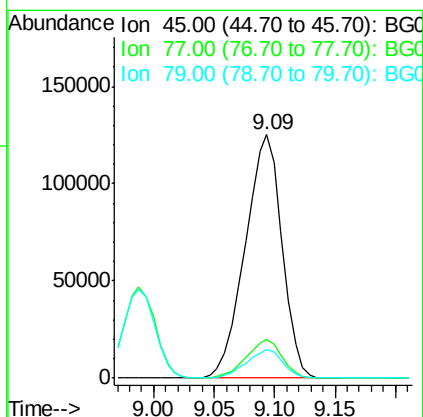
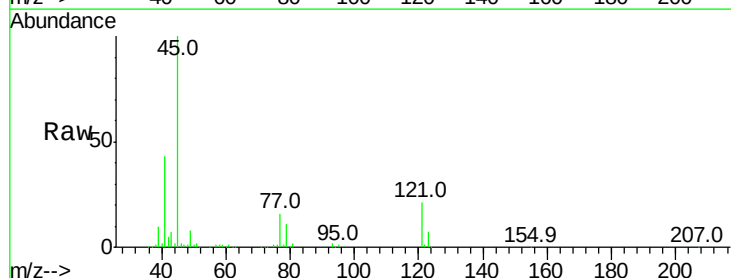
Tgt Ion: 45 Resp: 264739

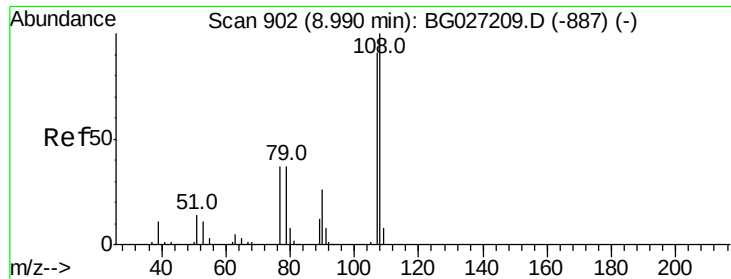
Ion Ratio Lower Upper

45 100

77 15.7 0.0 30.6

79 11.5 0.0 28.5





#17

2-Methylphenol

Concen: 53.03 ng

RT: 8.99 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 196511

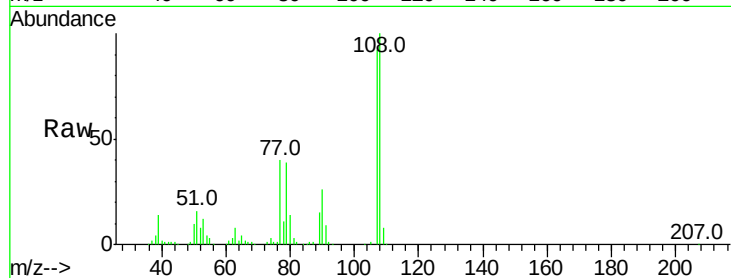
Ion Ratio Lower Upper

107 100

108 108.3 85.6 128.4

77 43.5 51.4 77.2#

79 42.6 49.2 73.8#

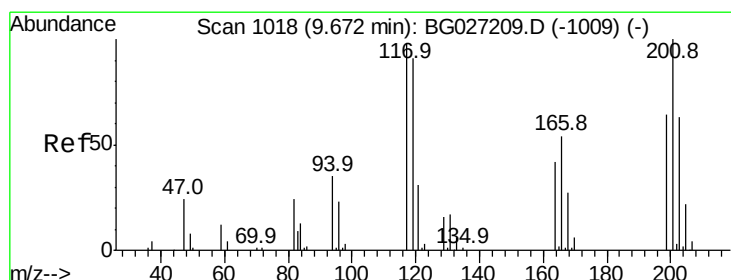
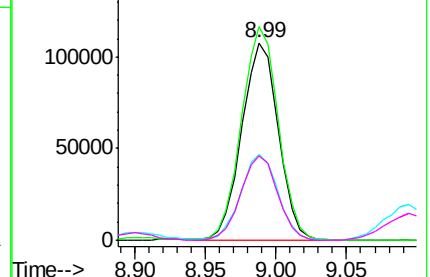
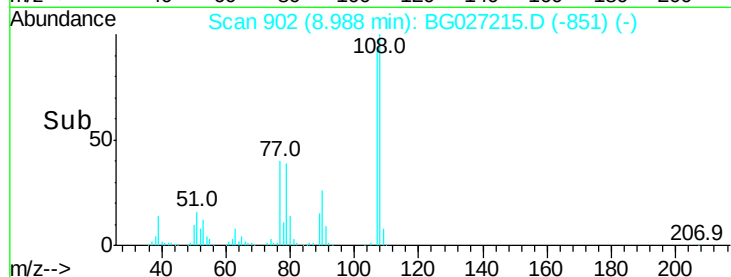


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 43.69 ng

RT: 9.67 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

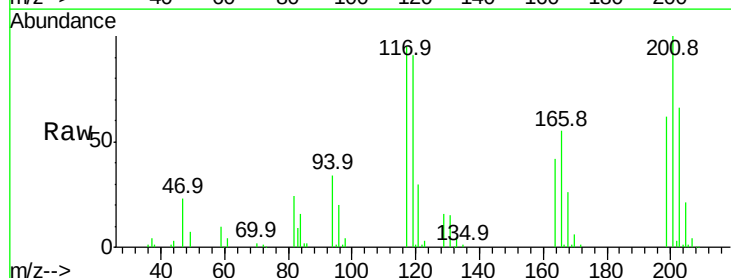
Tgt Ion:117 Resp: 62828

Ion Ratio Lower Upper

117 100

119 95.3 69.8 104.6

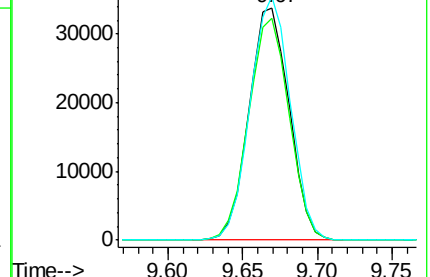
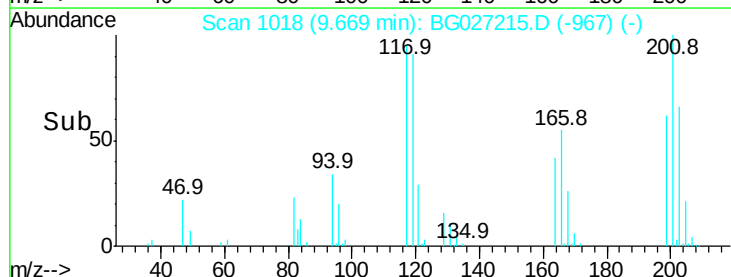
201 104.8 95.4 143.0

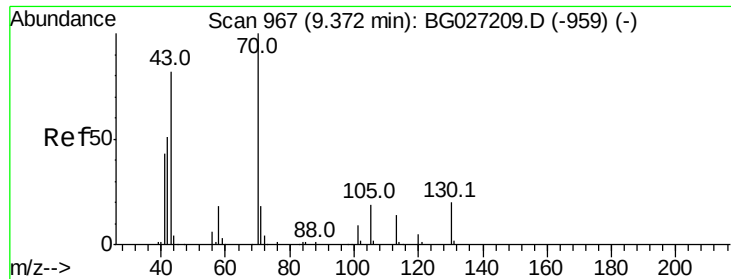


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

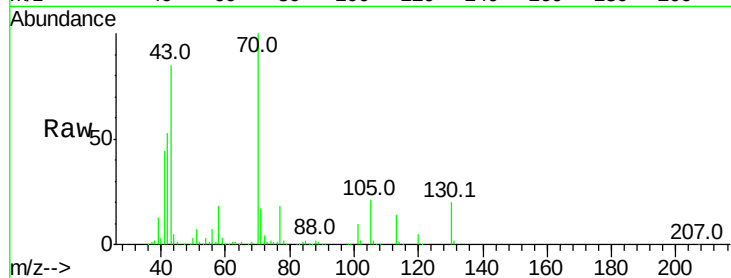




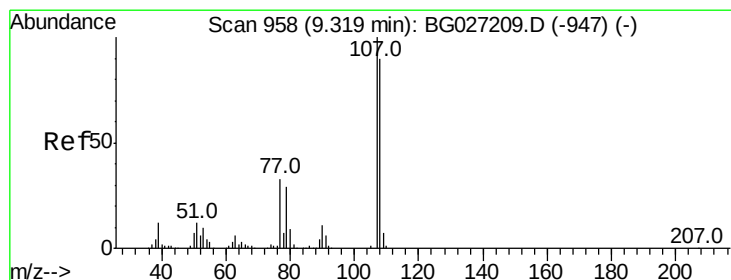
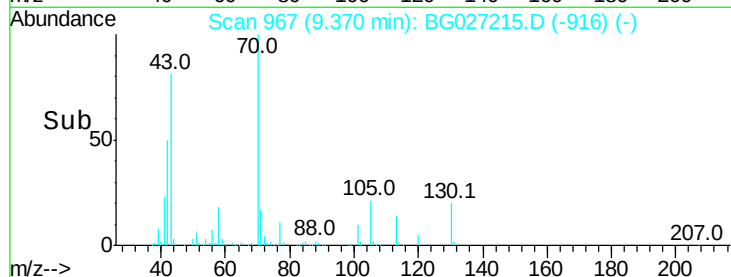
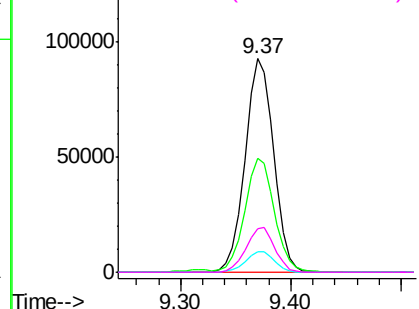
#19
n-Nitroso-di-n-propylamine
Concen: 46.78 ng
RT: 9.37 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 167780
Ion Ratio Lower Upper
70 100
42 53.2 56.1 84.1#
101 9.7 7.5 11.3
130 20.3 14.6 21.8

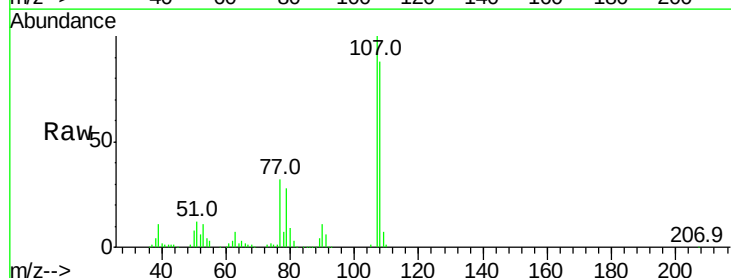


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

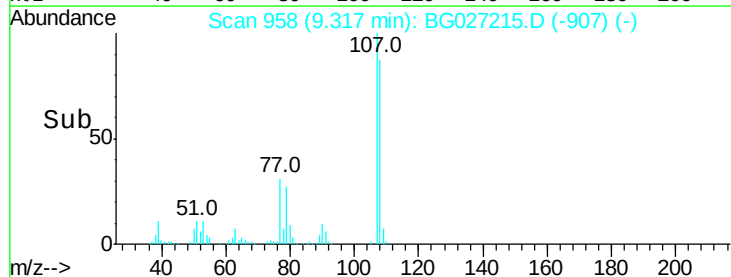
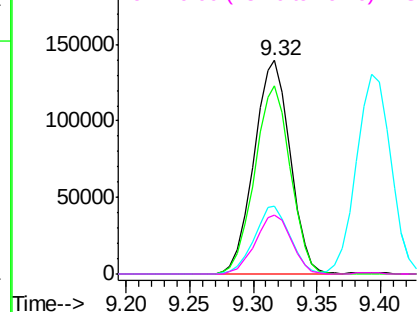


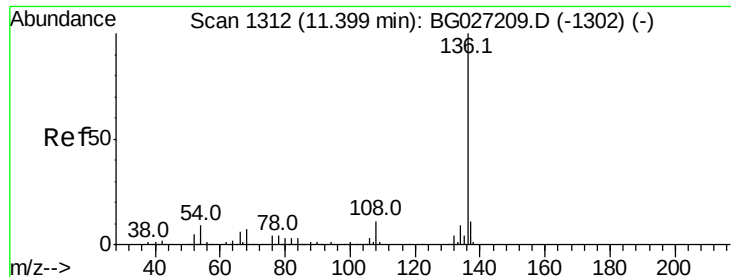
#20
3+4-Methylphenols
Concen: 53.86 ng
RT: 9.32 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion: 107 Resp: 276473
Ion Ratio Lower Upper
107 100
108 88.3 70.8 110.8
77 32.0 25.8 65.8
79 27.8 20.1 60.1



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.40 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 266788

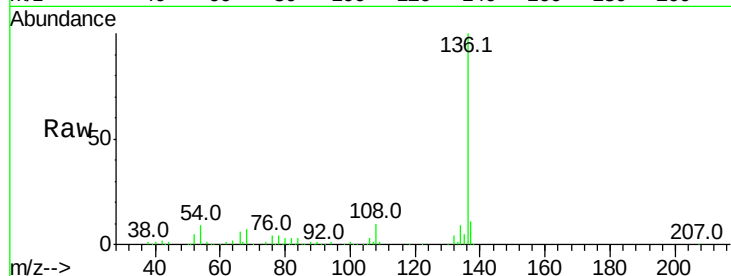
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.0 9.3 13.9#

68 7.4 5.1 7.7

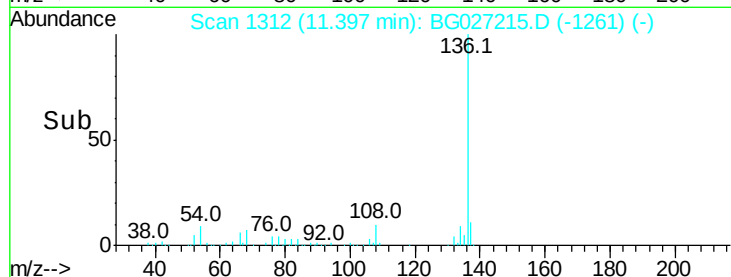


Abundance Ion 136.00 (135.70 to 136.70): E

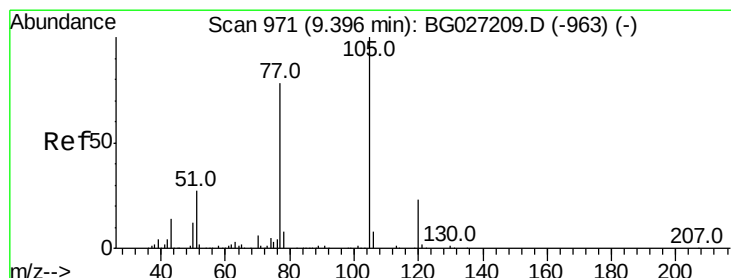
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



Time--> 11.30 11.40 11.50



#22

Acetophenone

Concen: 45.90 ng

RT: 9.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Tgt Ion:105 Resp: 313163

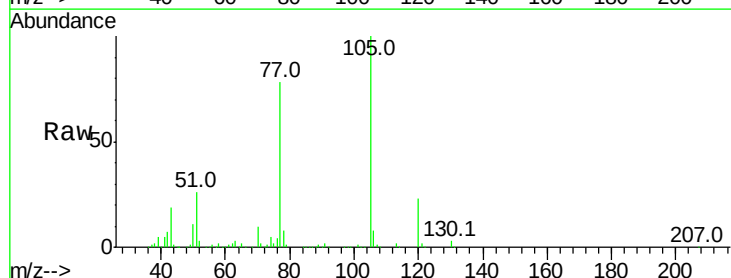
Ion Ratio Lower Upper

105 100

71 2.0 0.9 1.3#

51 26.4 34.0 51.0#

120 23.2 17.3 25.9

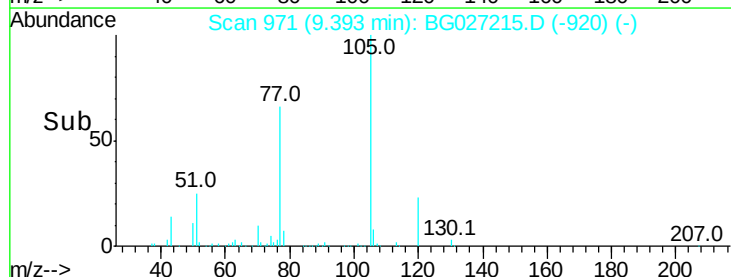


Abundance Ion 105.00 (104.70 to 105.70): E

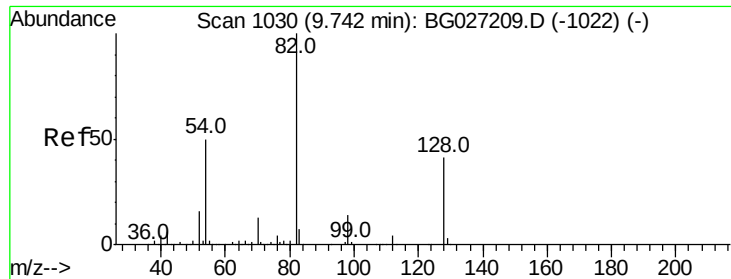
Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E



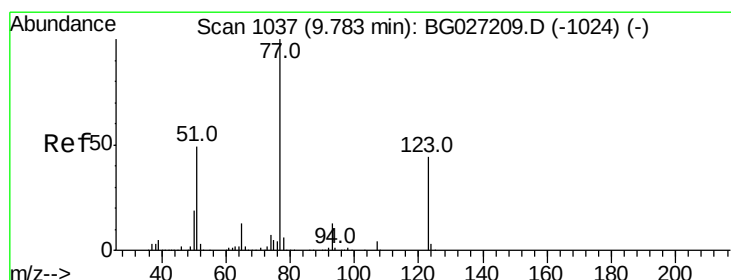
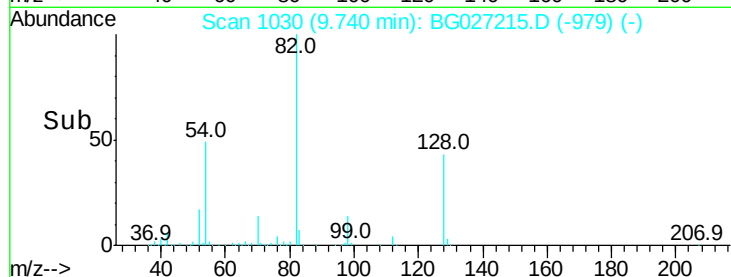
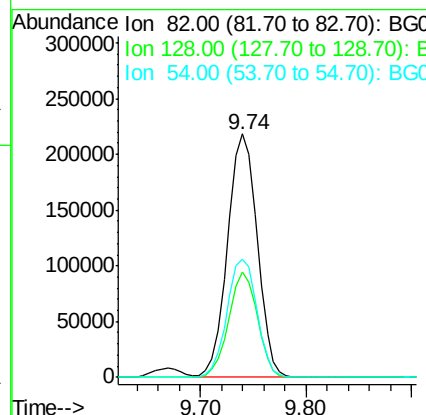
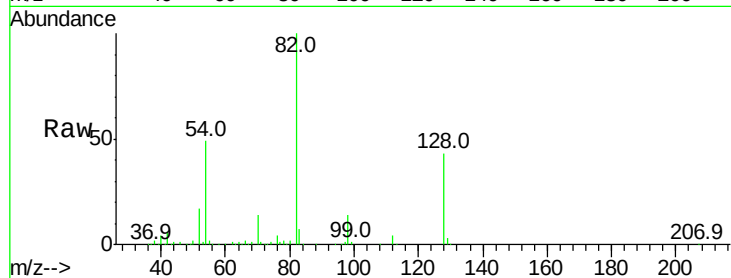
Time--> 9.30 9.35 9.40 9.45 9.50



#23
 Nitrobenzene-d5
 Concen: 100.12 ng
 RT: 9.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

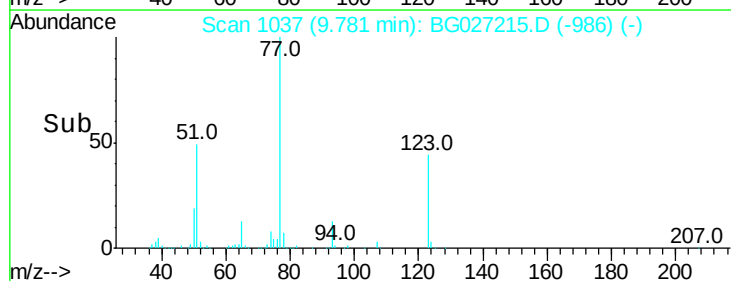
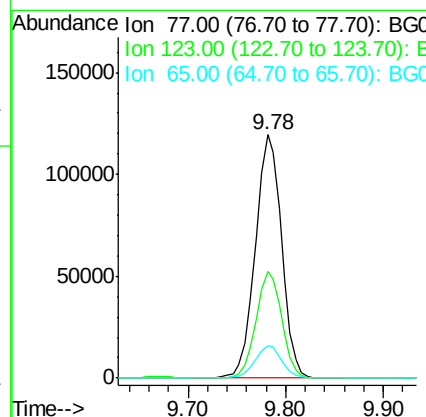
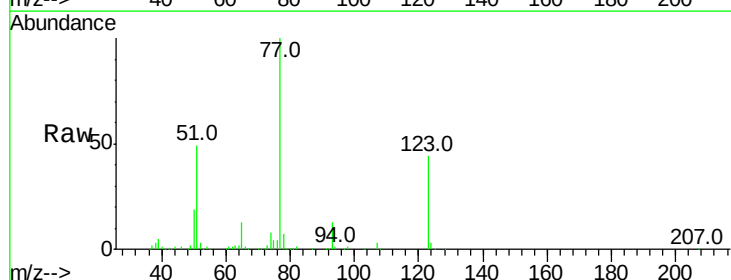
Instrument :
 BNA_G
 ClientSampled :

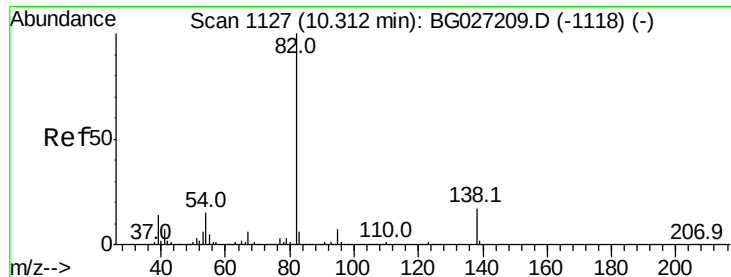
Tot Ion: 82 Resp: 424731
 Ion Ratio Lower Upper
 82 100
 128 43.1 26.4 39.6#
 54 48.8 49.4 74.2#



#24
 Nitrobenzene
 Concen: 46.31 ng
 RT: 9.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion: 77 Resp: 223830
 Ion Ratio Lower Upper
 77 100
 123 43.6 26.1 39.1#
 65 13.4 12.4 18.6





#25

Isophorone

Concen: 45.97 ng

RT: 10.31 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

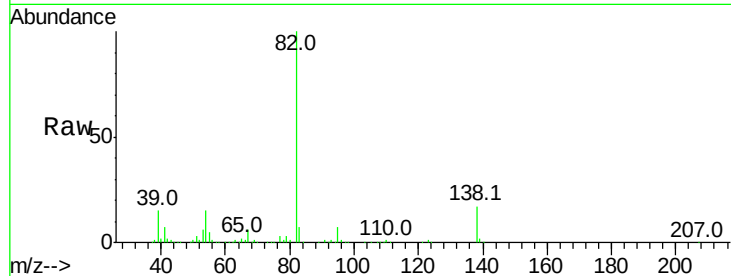
Tot Ion: 82 Resp: 458527

Ion Ratio Lower Upper

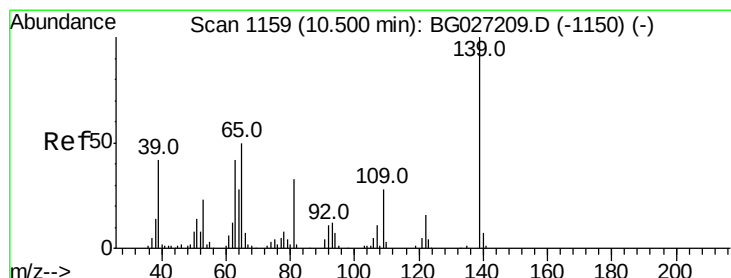
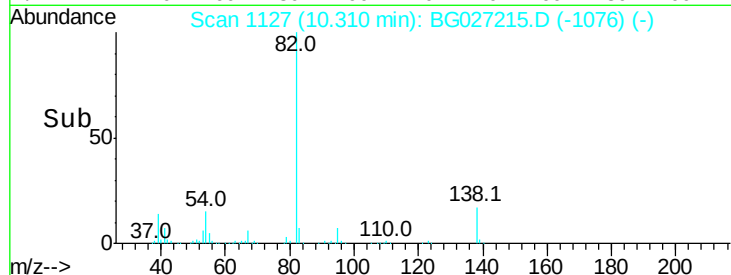
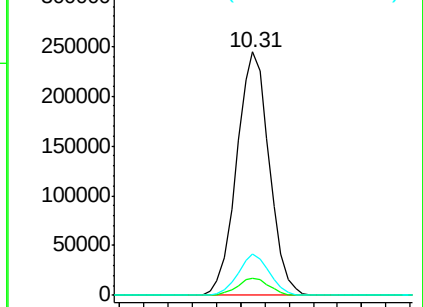
82 100

95 6.9 7.5 11.3#

138 17.2 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: 47.82 ng

RT: 10.50 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

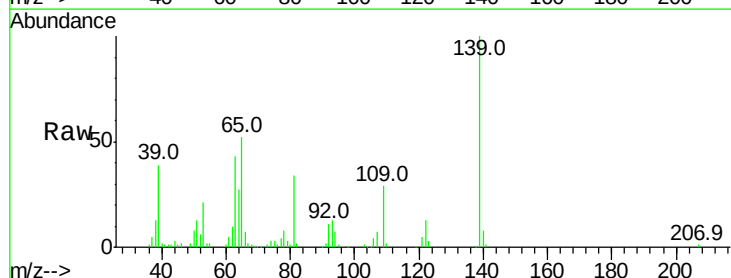
Tgt Ion: 139 Resp: 95218

Ion Ratio Lower Upper

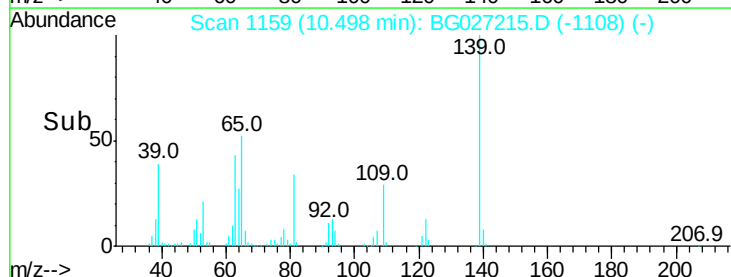
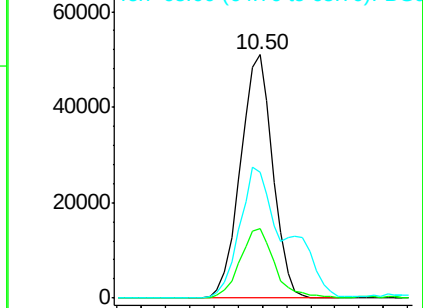
139 100

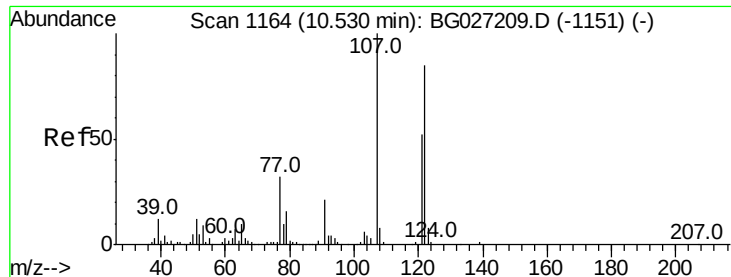
109 28.6 38.6 58.0#

65 51.8 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

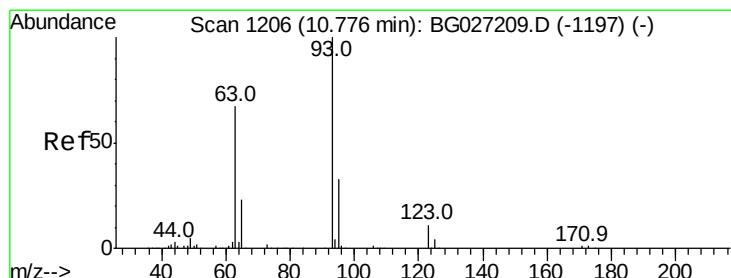
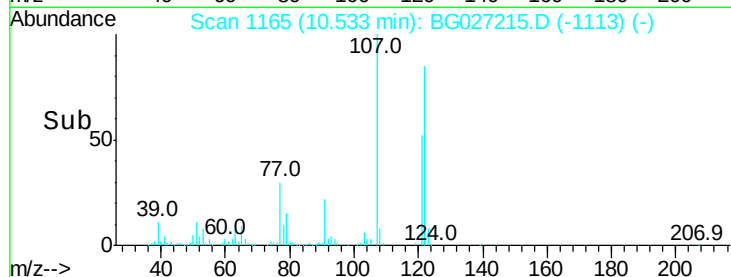
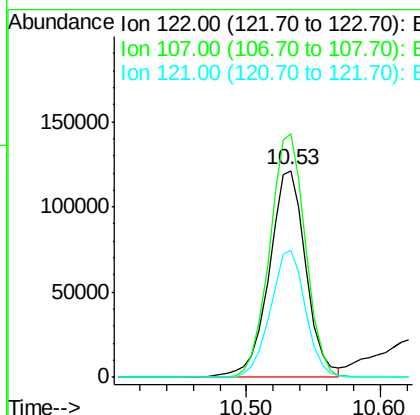
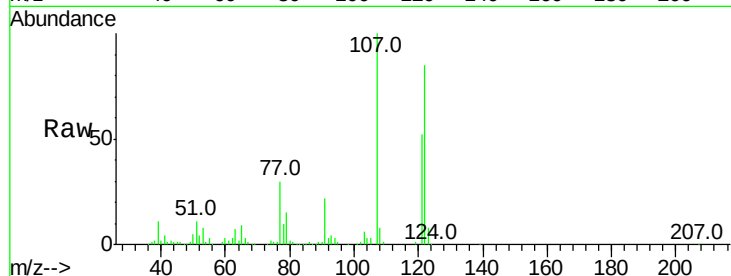




#27
 2,4-Dimethylphenol
 Concen: 54.35 ng
 RT: 10.53 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

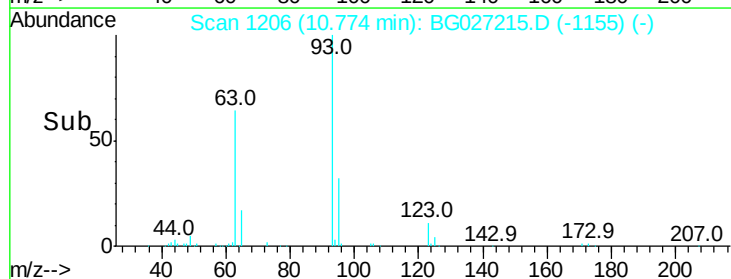
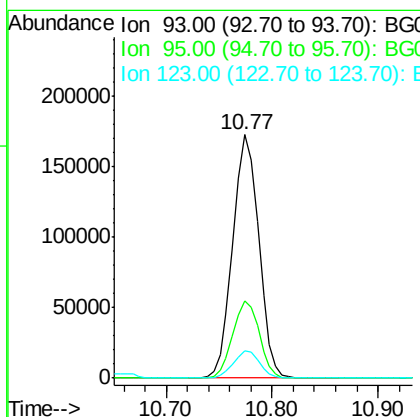
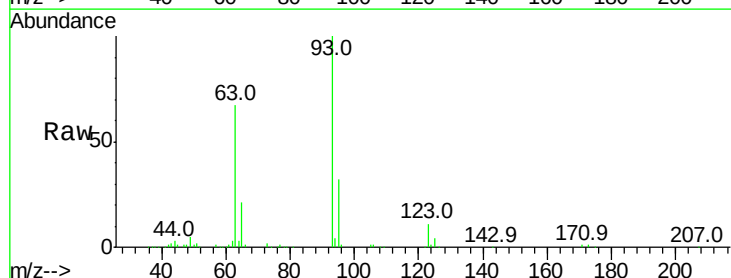
Instrument :
 BNA_G
 ClientSampleId :

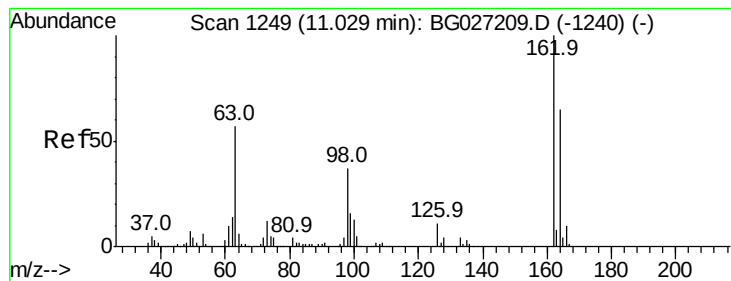
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	104.2	156.4
121	61.2	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.68 ng
 RT: 10.77 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.7	38.5
123	11.1	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 55.61 ng

RT: 11.03 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

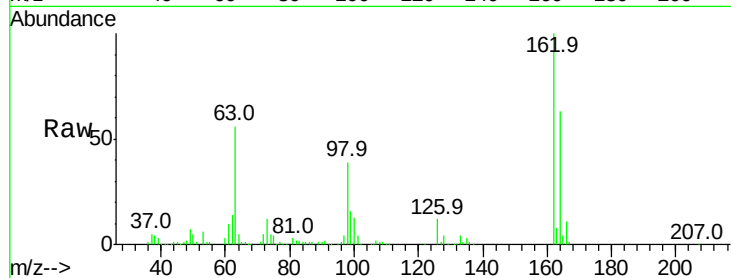
Tot Ion:162 Resp: 217727

Ion Ratio Lower Upper

162 100

164 63.0 42.4 82.4

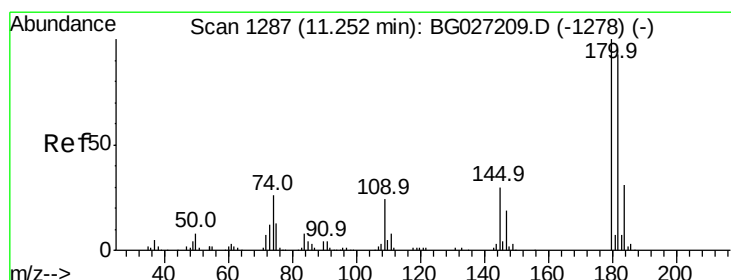
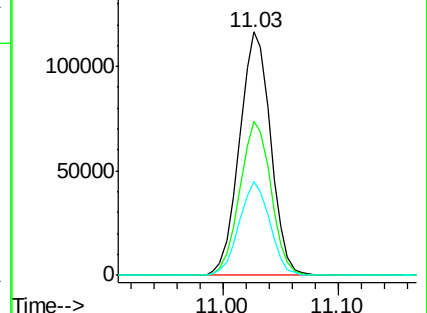
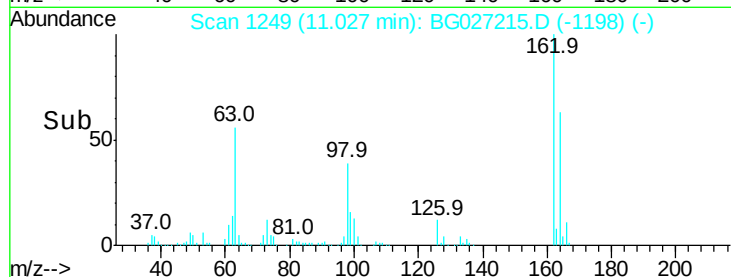
98 38.7 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 44.99 ng

RT: 11.25 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

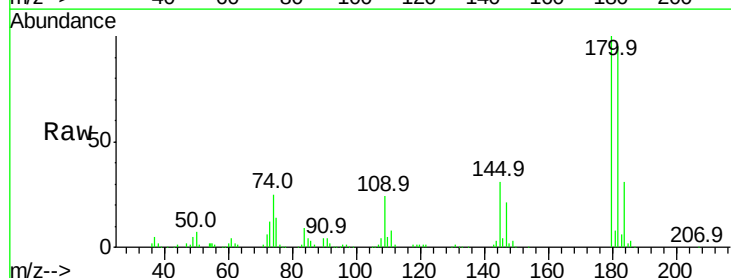
Tgt Ion:180 Resp: 195072

Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.4

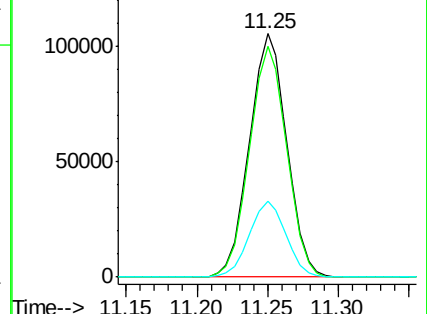
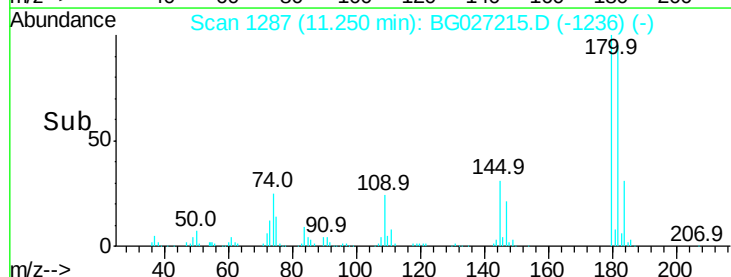
145 31.2 23.4 35.0

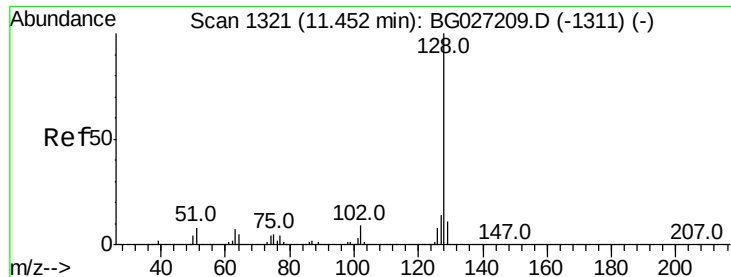


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

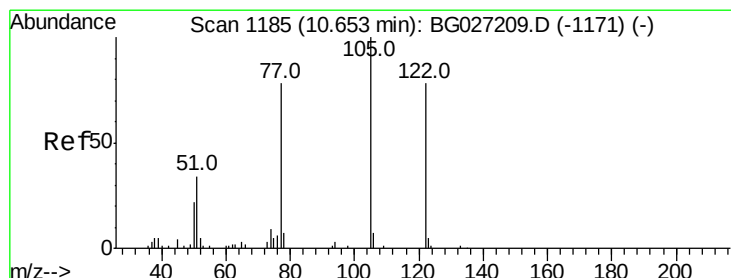
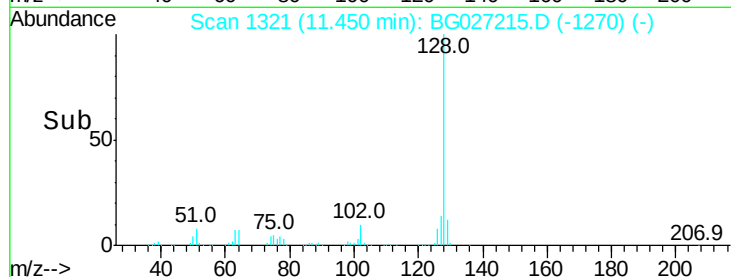
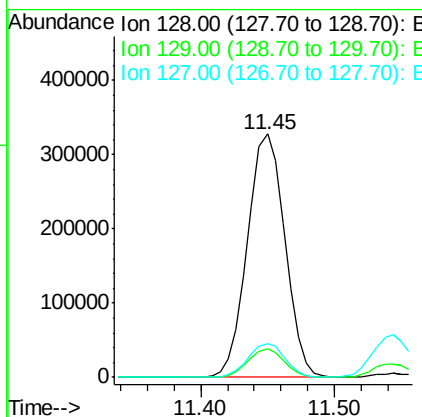
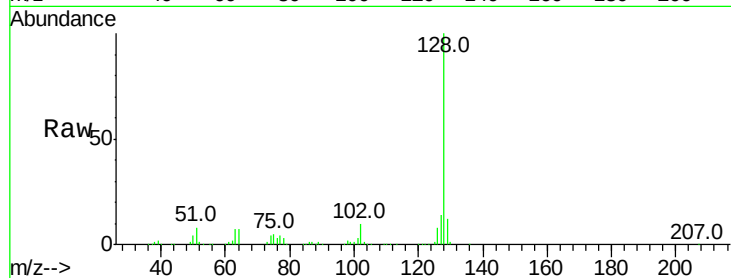




#31
Naphthalene
Concen: 43.64 ng
RT: 11.45 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

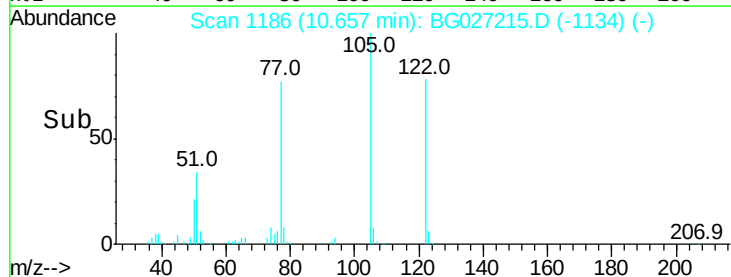
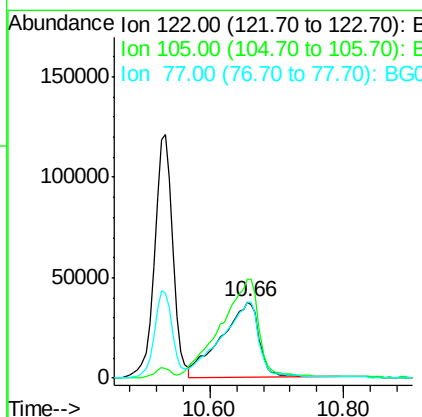
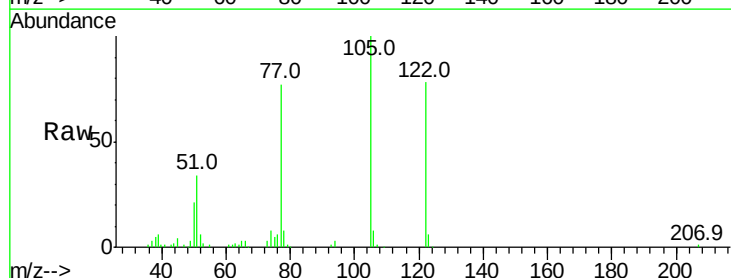
Instrument :
BNA_G
ClientSampleId :

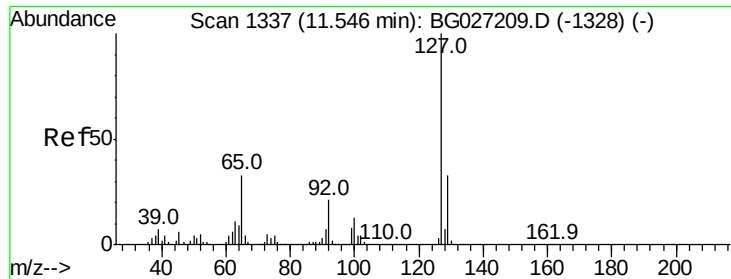
Tot Ion:128 Resp: 636247
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 49.54 ng
RT: 10.66 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:122 Resp: 147889
Ion Ratio Lower Upper
122 100
105 128.9 120.1 160.1
77 99.0 104.6 144.6#

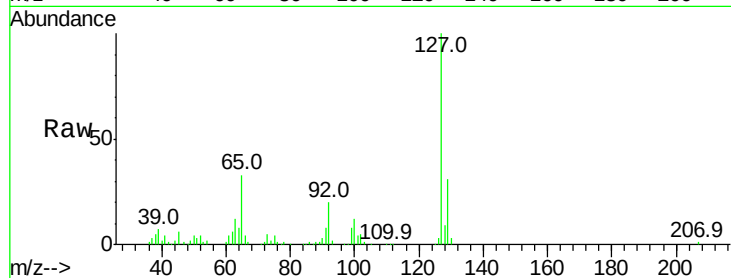




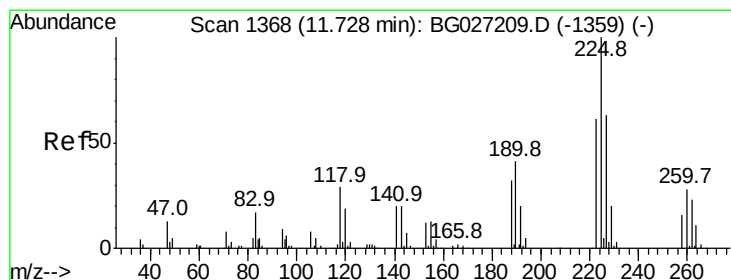
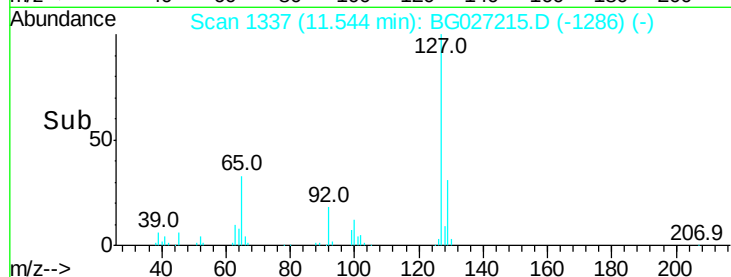
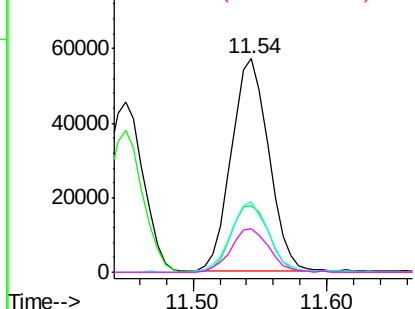
#33
4-Chloroaniline
Concen: 18.38 ng
RT: 11.54 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	111658
Ion	Ratio	Lower	Upper
127	100		
129	31.1	23.6	35.4
65	32.7	37.7	56.5#
92	20.5	17.6	26.4

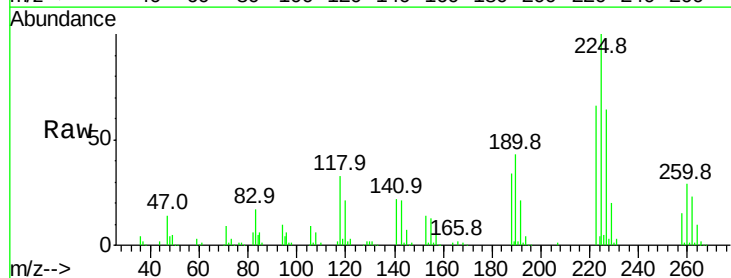


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

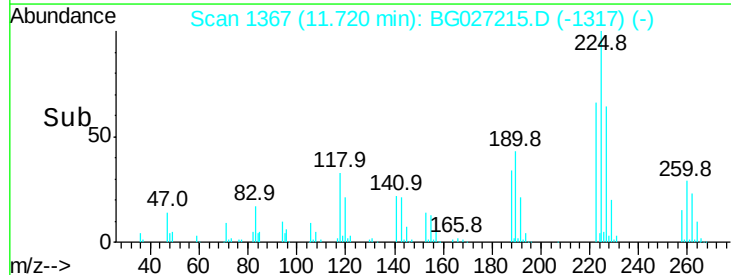
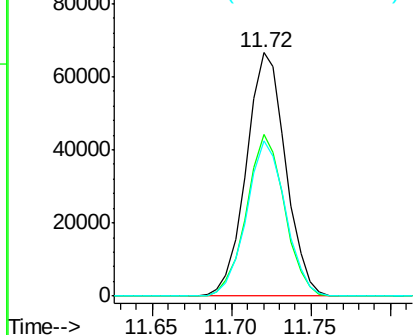


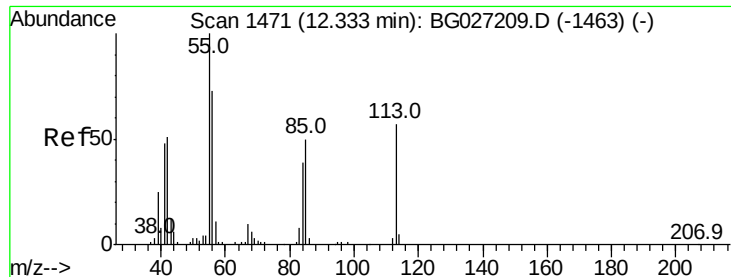
#34
Hexachlorobutadiene
Concen: 42.96 ng
RT: 11.72 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:	225	Resp:	114479
Ion	Ratio	Lower	Upper
225	100		
223	66.3	50.7	76.1
227	63.7	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: 25.37 ng

RT: 12.34 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

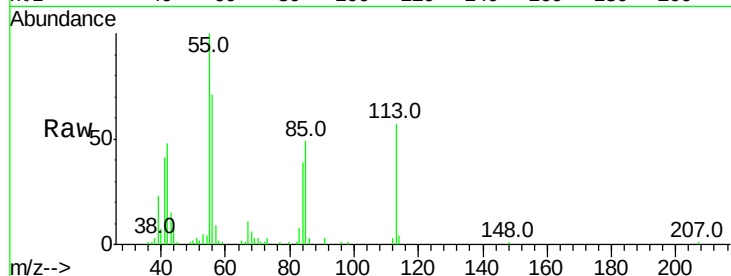
Tot Ion:113 Resp: 34074

Ion Ratio Lower Upper

113 100

55 176.4 198.6 238.6#

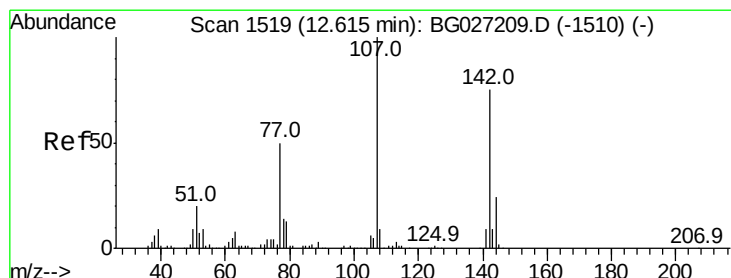
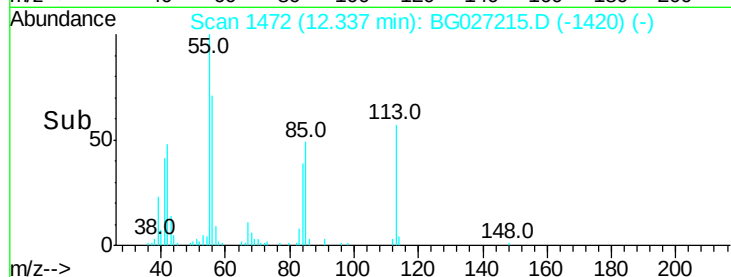
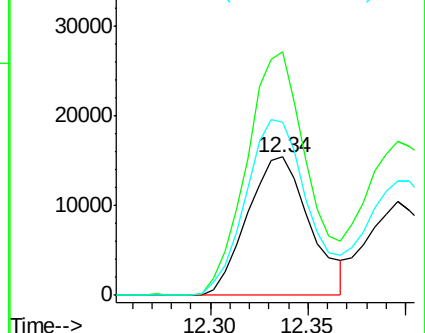
56 125.9 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.47 ng

RT: 12.61 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

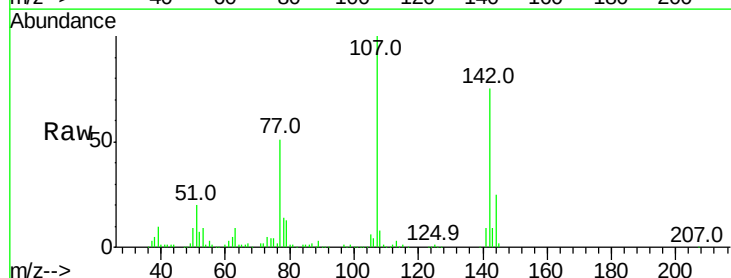
Tgt Ion:107 Resp: 262396

Ion Ratio Lower Upper

107 100

144 25.0 17.4 26.0

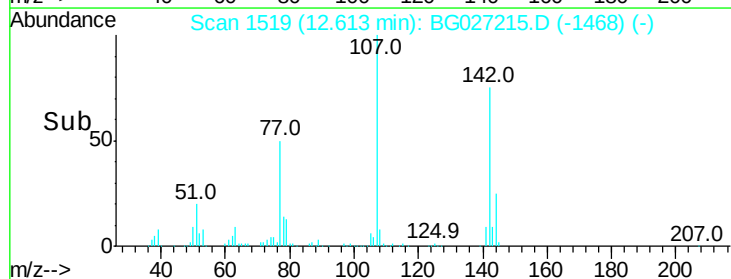
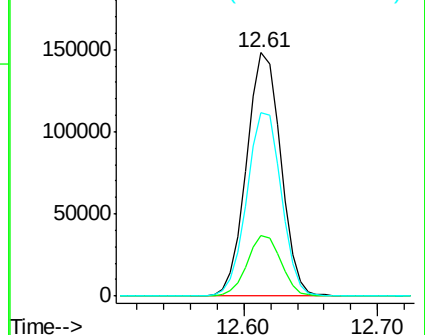
142 75.5 54.1 81.1

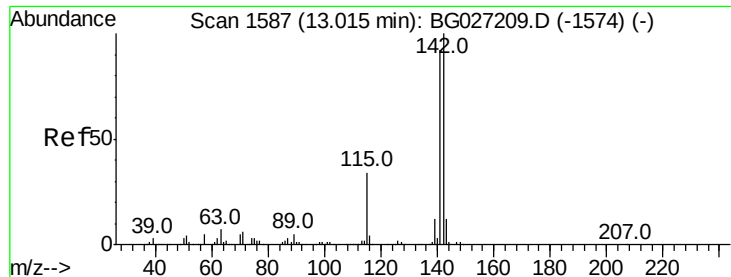


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.45 ng

RT: 13.01 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

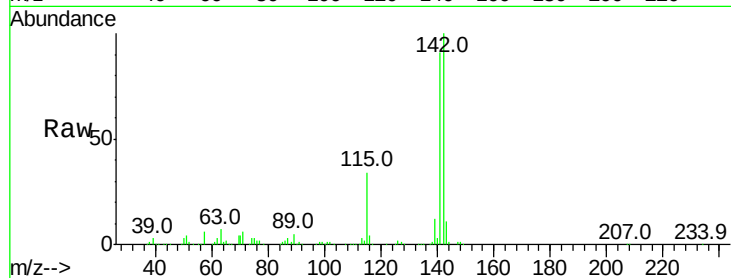
Tot Ion:142 Resp: 494003

Ion Ratio Lower Upper

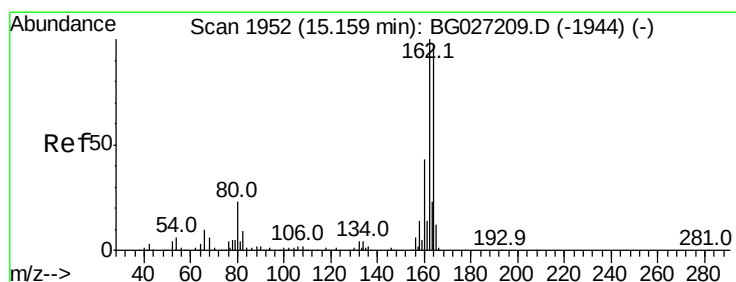
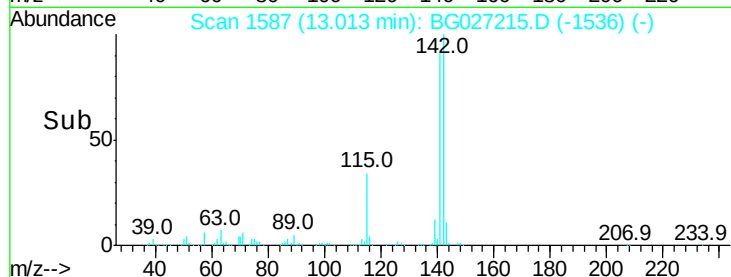
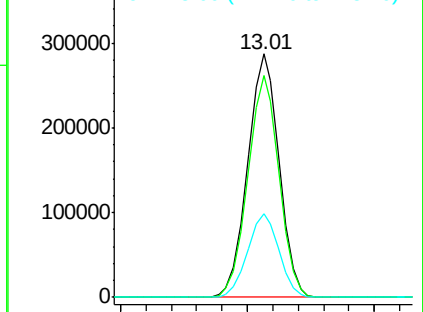
142 100

141 90.9 70.4 105.6

115 34.3 35.5 53.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.16 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

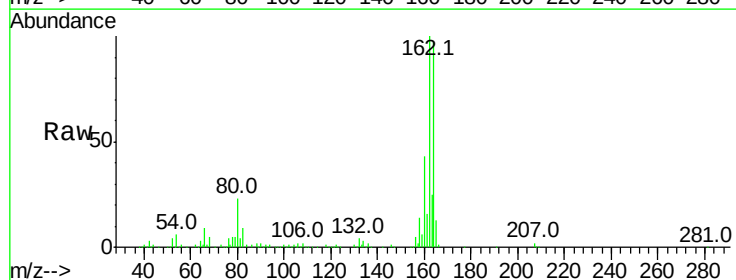
Tgt Ion:164 Resp: 179416

Ion Ratio Lower Upper

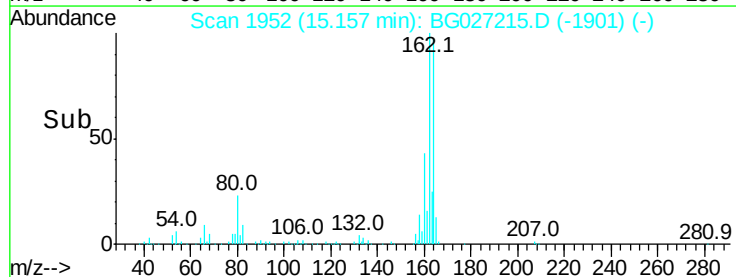
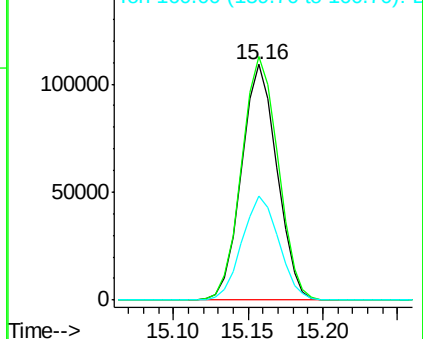
164 100

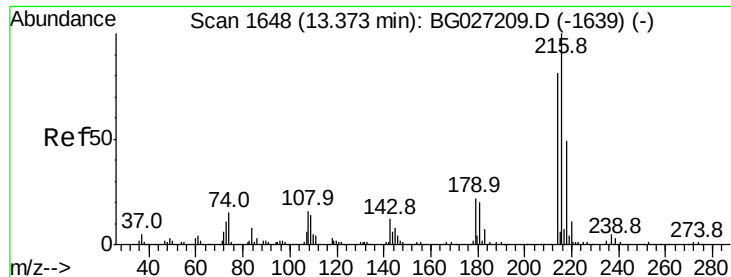
162 103.5 85.1 127.7

160 44.5 34.7 52.1



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

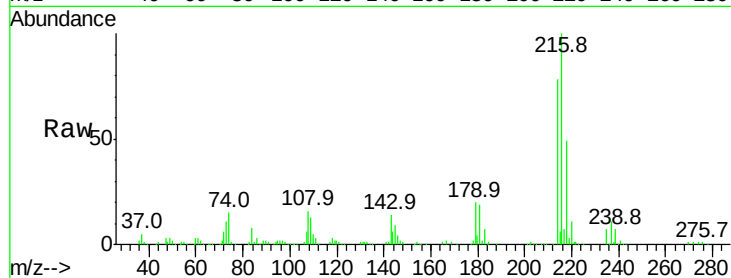




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.49 ng
 RT: 13.37 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	243096
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.4	96.6
179	20.7	17.4	26.0
108	19.7	15.6	23.4

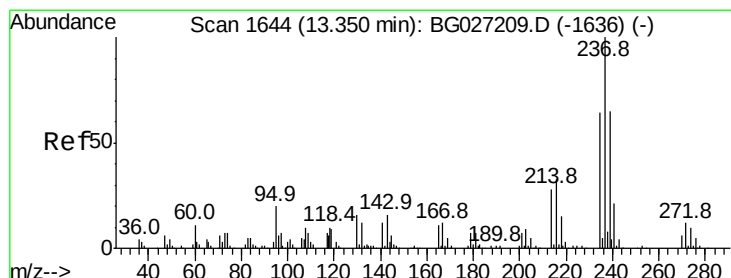
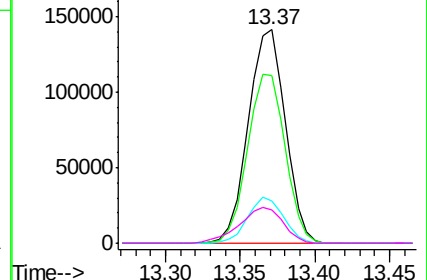
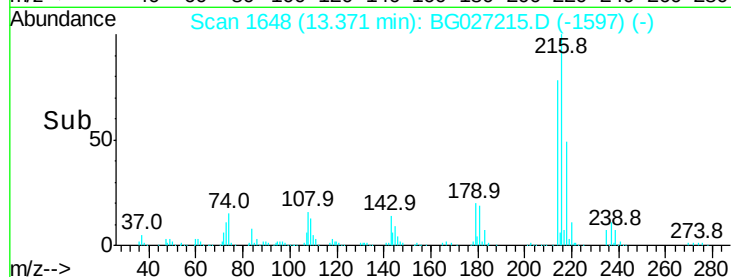


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

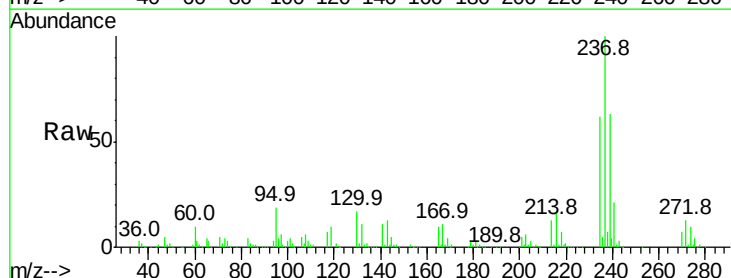
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 101.04 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

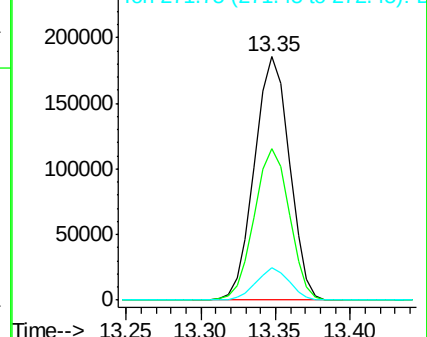
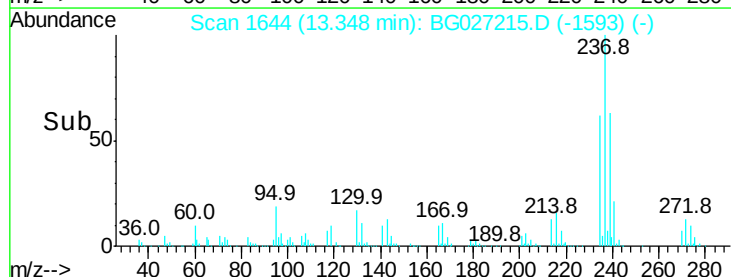
Tgt Ion:	237	Resp:	300585
Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.4	79.4
272	13.3	0.0	32.0

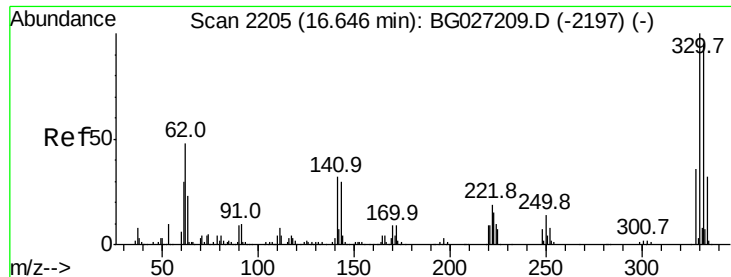


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 158.62 ng

RT: 16.64 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

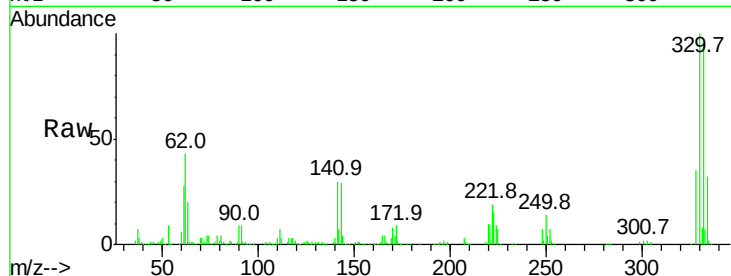
Tot Ion:330 Resp: 374760

Ion Ratio Lower Upper

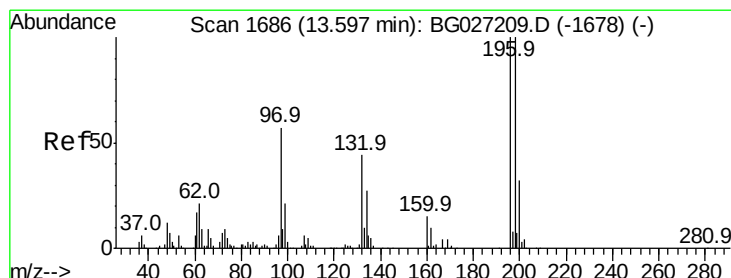
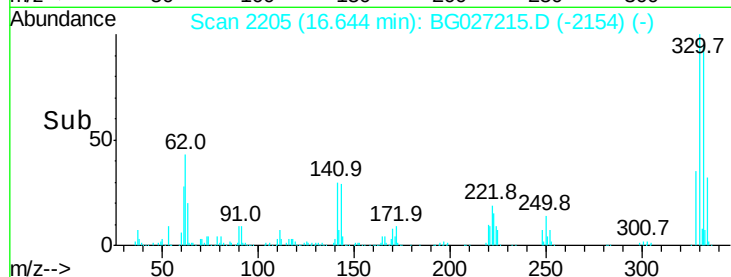
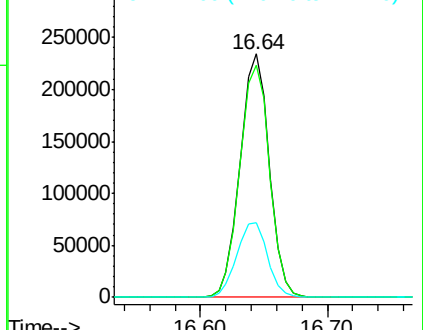
330 100

332 97.7 77.3 115.9

141 32.3 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: 53.66 ng

RT: 13.59 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

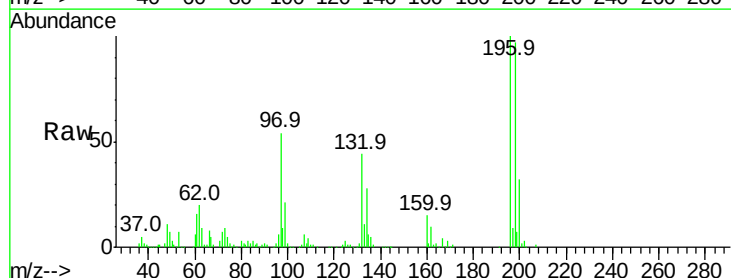
Tgt Ion:196 Resp: 181920

Ion Ratio Lower Upper

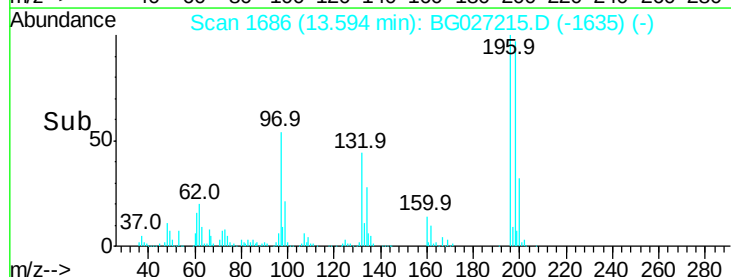
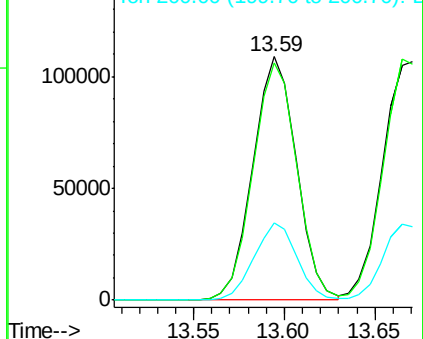
196 100

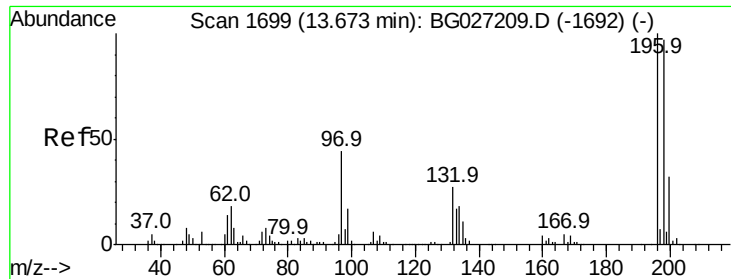
198 97.2 81.4 122.2

200 31.7 27.0 40.6



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

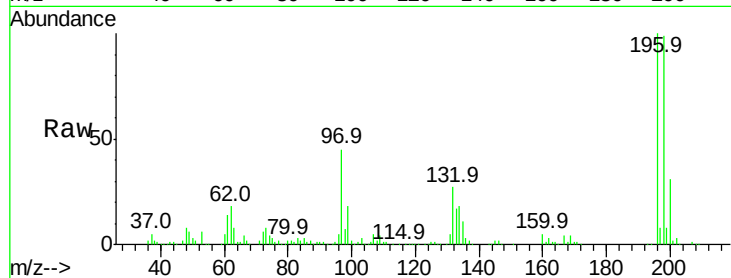




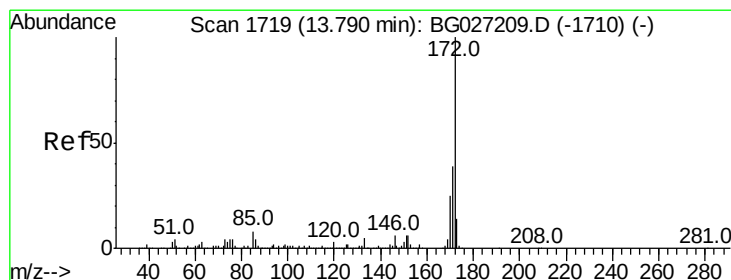
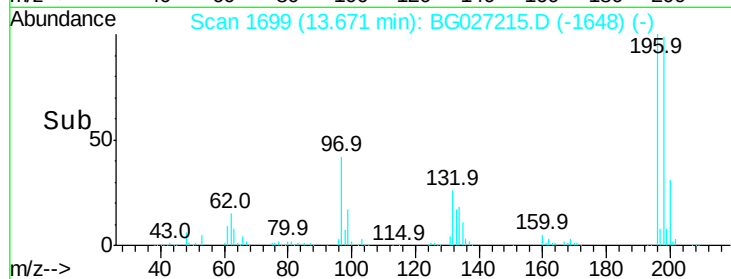
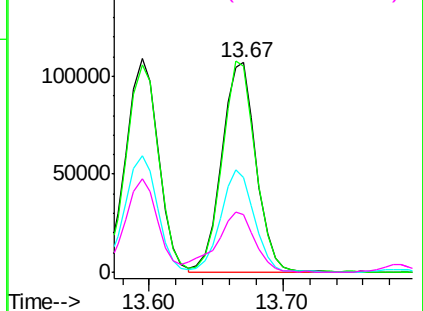
#43
2,4,5-Trichlorophenol
Concen: 50.17 ng
RT: 13.67 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	196	Resp:	190335
Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.9	119.9
97	45.5	45.4	68.0
132	27.3	20.7	31.1

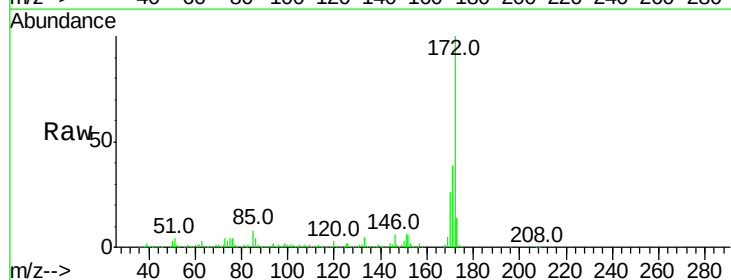


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

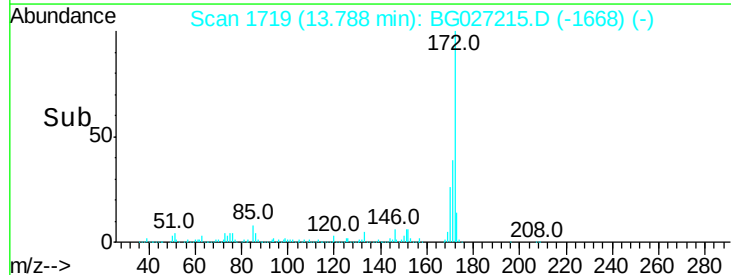
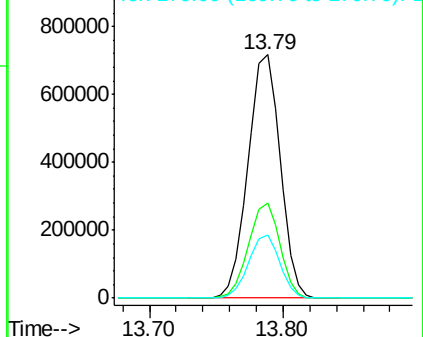


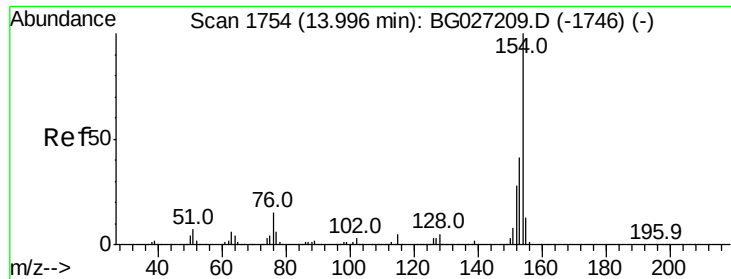
#44
2-Fluorobiphenyl
Concen: 92.96 ng
RT: 13.79 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:	172	Resp:	1192142
Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.2	48.2
170	26.0	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: 45.40 ng

RT: 13.99 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampled :

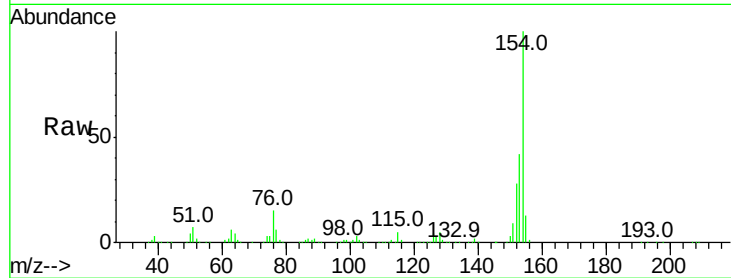
Tot Ion:154 Resp: 664880

Ion Ratio Lower Upper

154 100

153 41.8 23.0 63.0

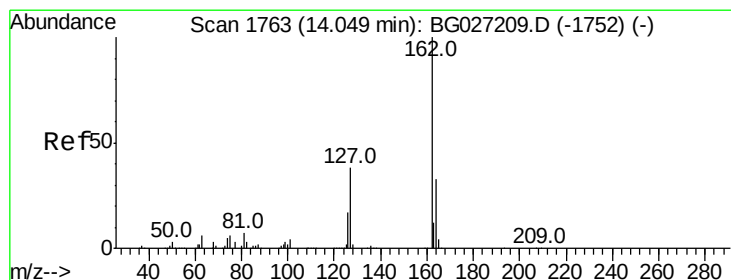
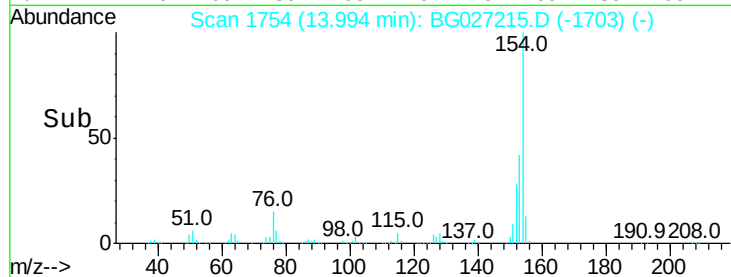
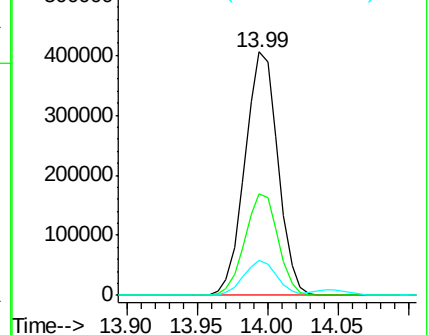
76 14.5 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 45.88 ng

RT: 14.05 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

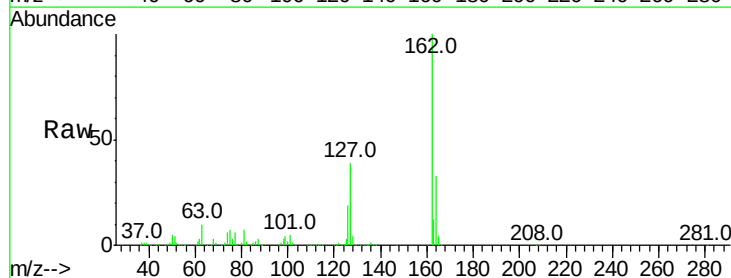
Tgt Ion:162 Resp: 503696

Ion Ratio Lower Upper

162 100

127 39.2 32.2 48.4

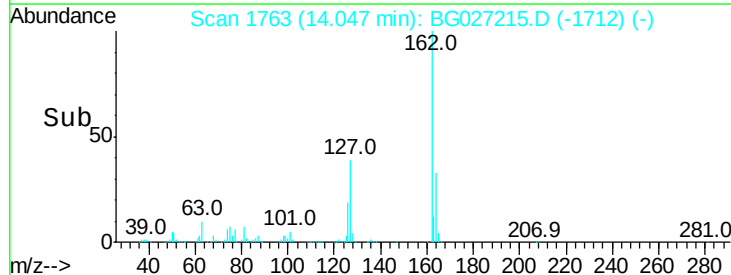
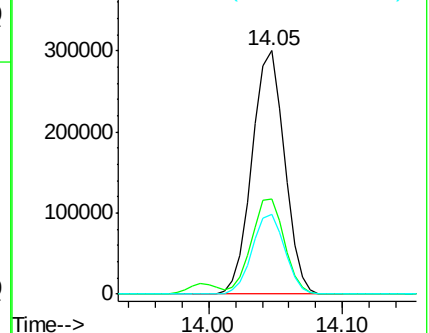
164 33.0 27.3 40.9

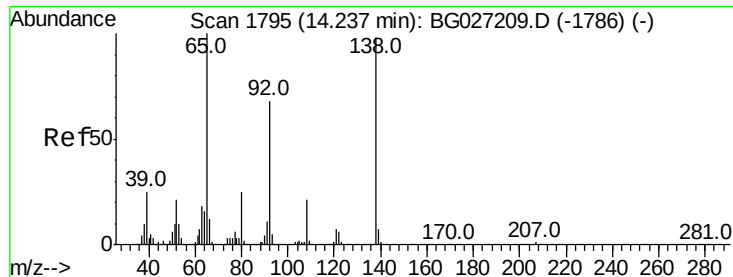


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.65 ng

RT: 14.23 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

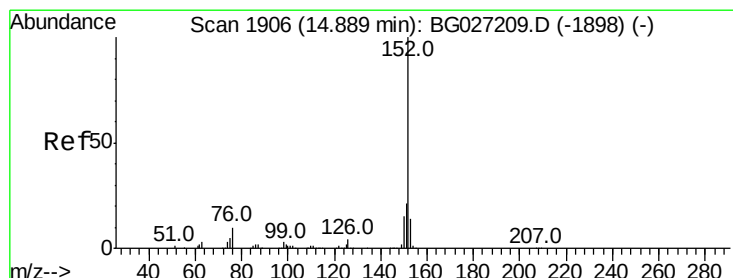
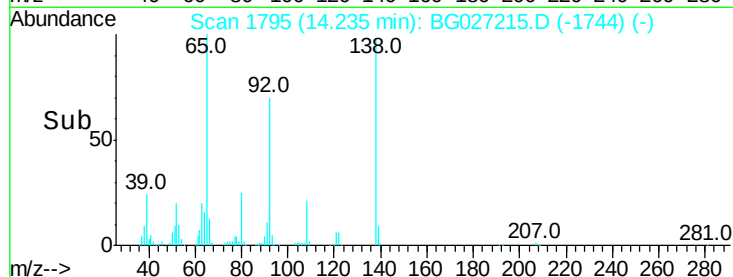
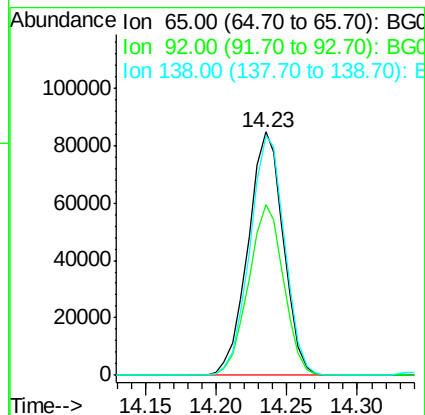
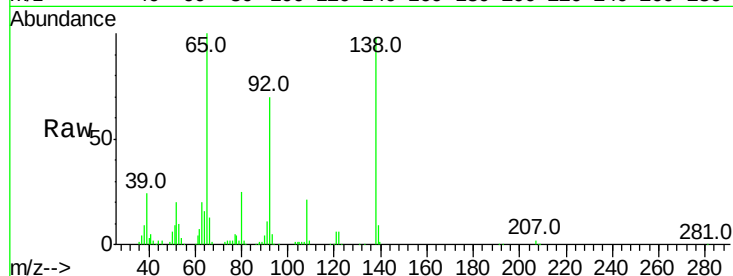
Tot Ion: 65 Resp: 148612

Ion Ratio Lower Upper

65 100

92 70.0 49.0 73.4

138 98.3 58.6 87.8#



#48

Acenaphthylene

Concen: 44.83 ng

RT: 14.89 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

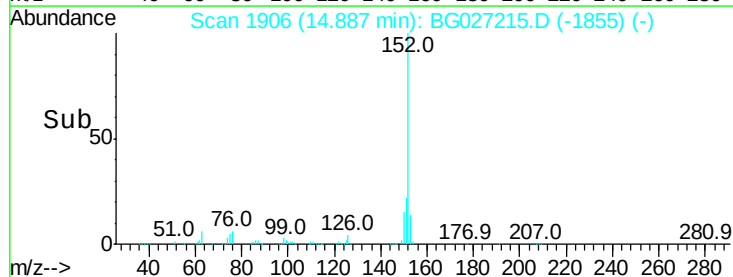
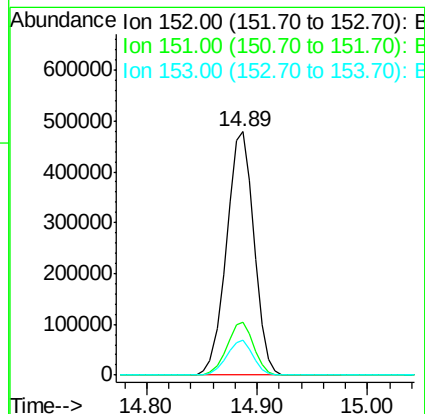
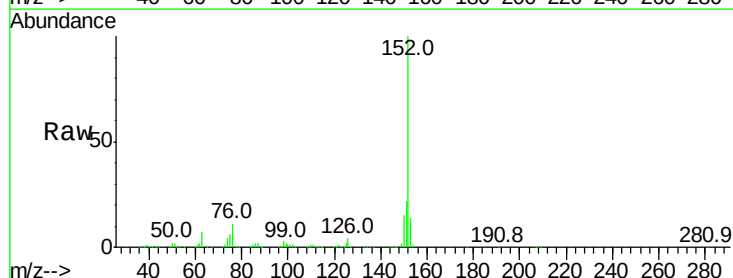
Tgt Ion: 152 Resp: 832951

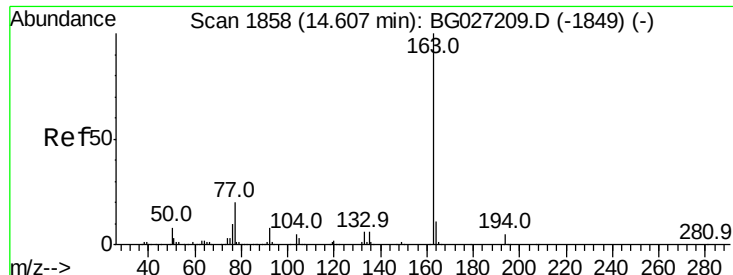
Ion Ratio Lower Upper

152 100

151 21.9 18.2 27.2

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 48.91 ng

RT: 14.60 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

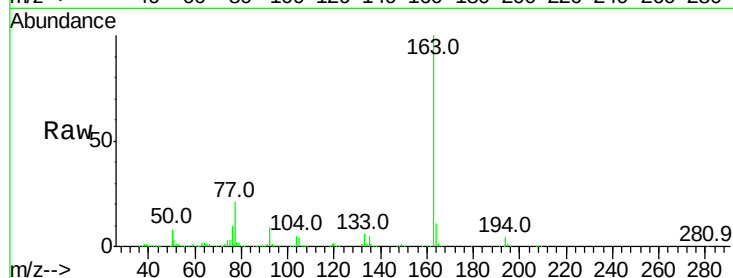
Tot Ion:163 Resp: 696113

Ion Ratio Lower Upper

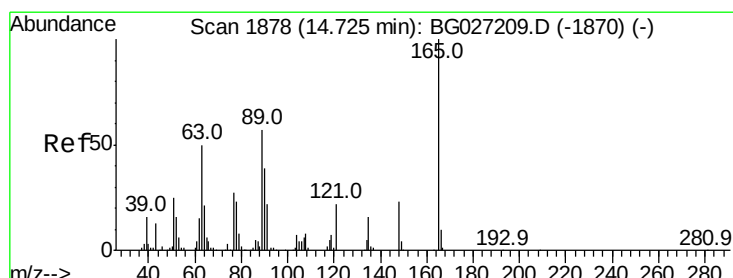
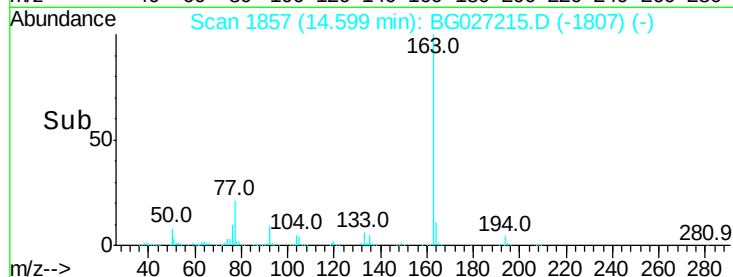
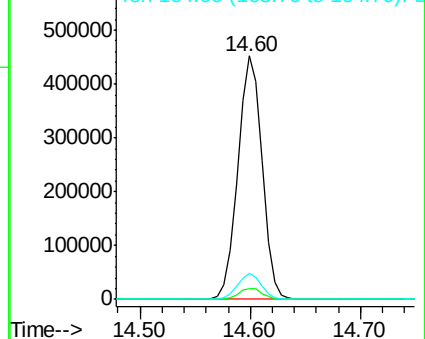
163 100

194 4.5 3.8 5.6

164 10.6 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: 48.08 ng

RT: 14.72 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

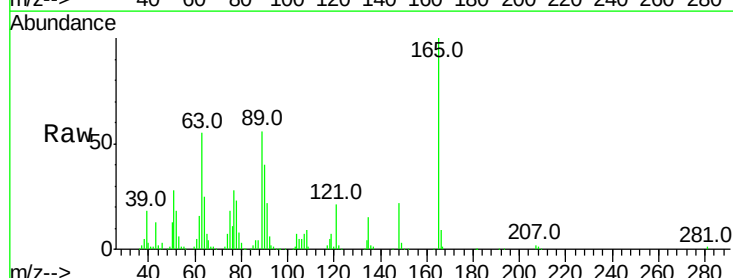
Tgt Ion:165 Resp: 139044

Ion Ratio Lower Upper

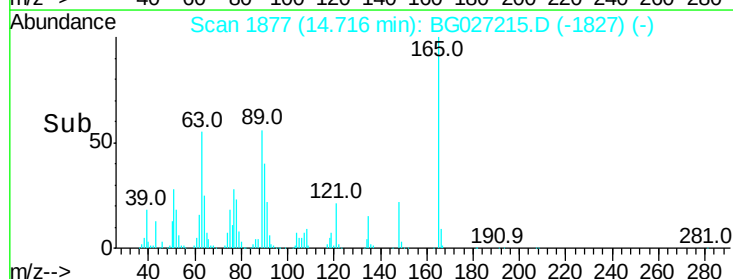
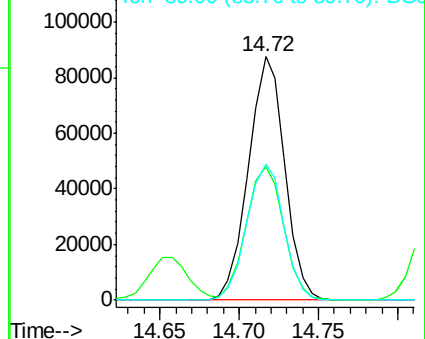
165 100

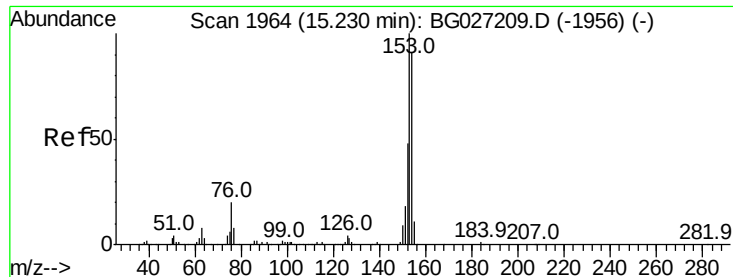
63 55.0 63.9 95.9#

89 55.9 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: 49.73 ng

RT: 15.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

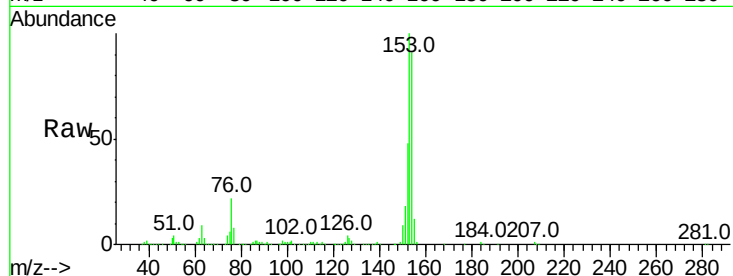
Tot Ion:154 Resp: 601040

Ion Ratio Lower Upper

154 100

153 110.3 87.8 131.6

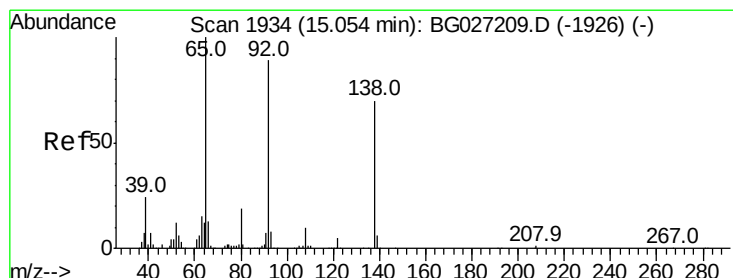
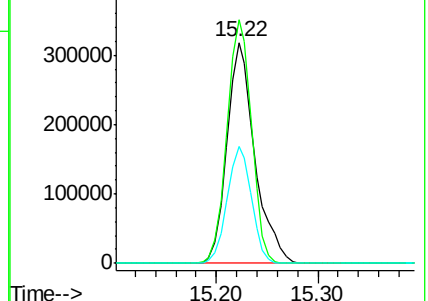
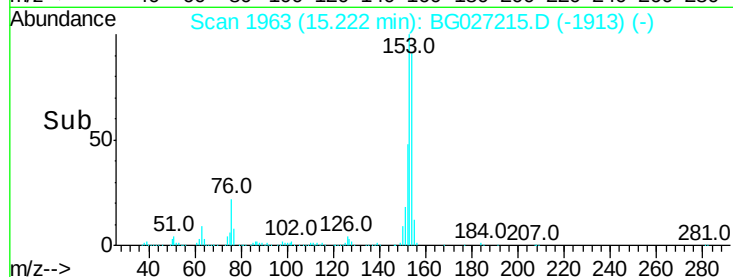
152 52.8 42.2 63.4



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: 29.59 ng

RT: 15.05 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

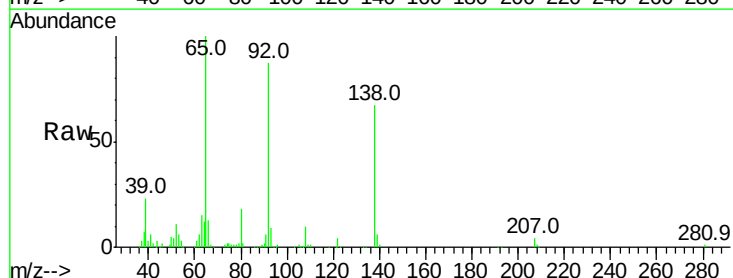
Tgt Ion:138 Resp: 82203

Ion Ratio Lower Upper

138 100

108 14.8 10.9 16.3

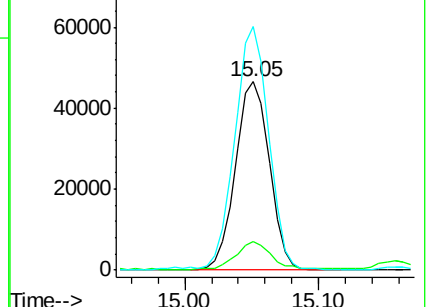
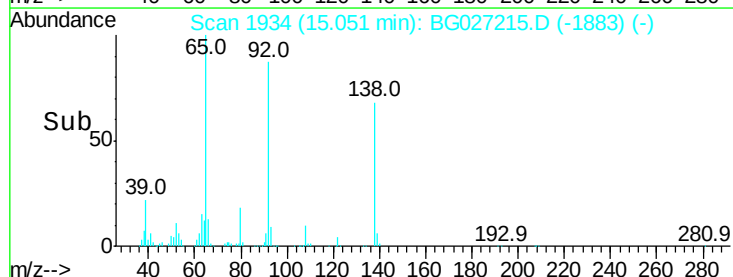
92 129.3 115.3 172.9

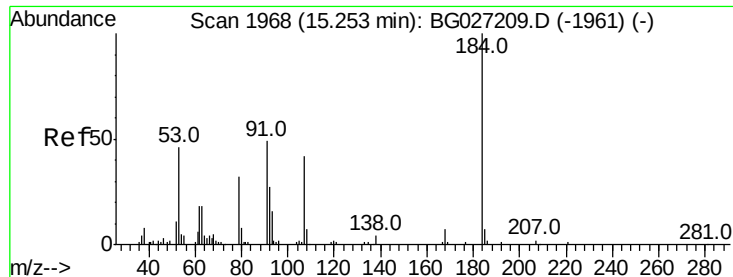


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

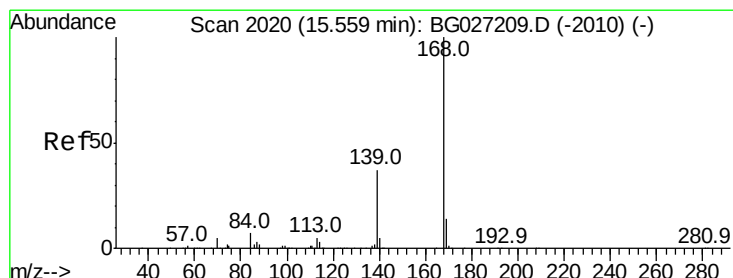
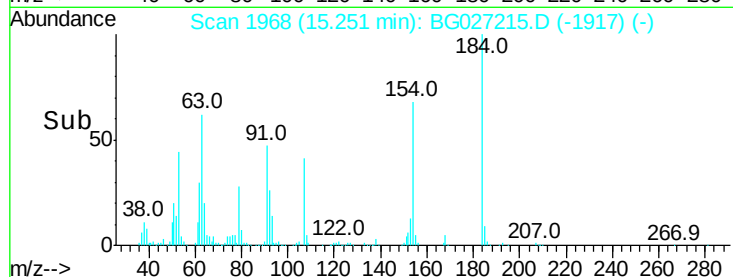
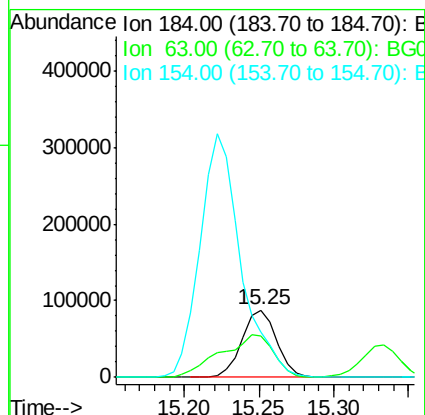
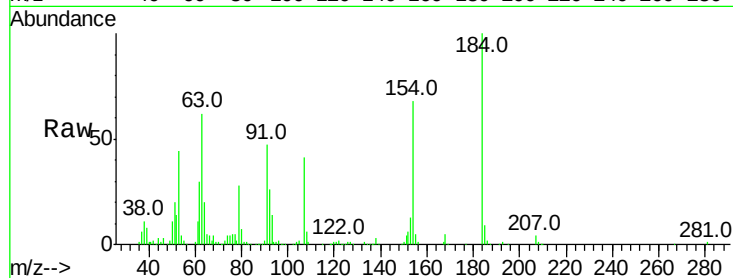




#53
2,4-Dinitrophenol
Concen: 94.08 ng
RT: 15.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

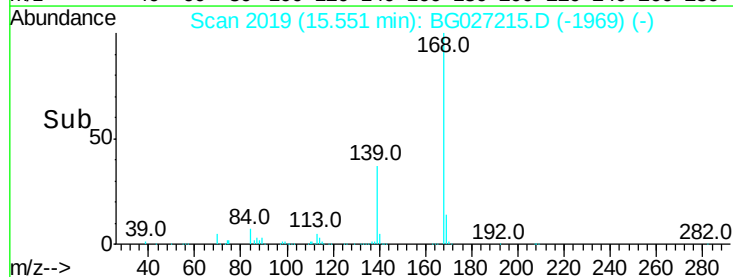
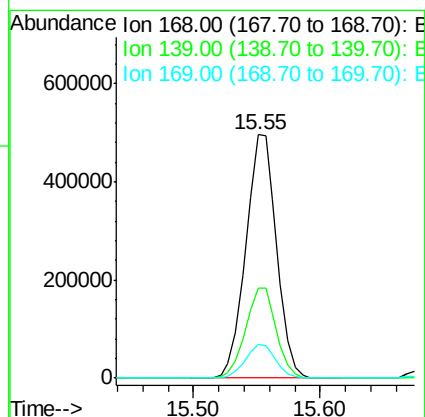
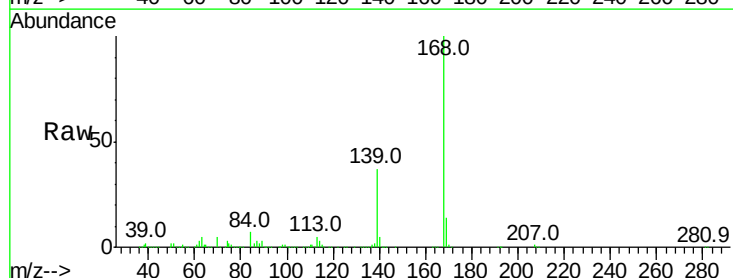
Instrument :
BNA_G
ClientSampleId :

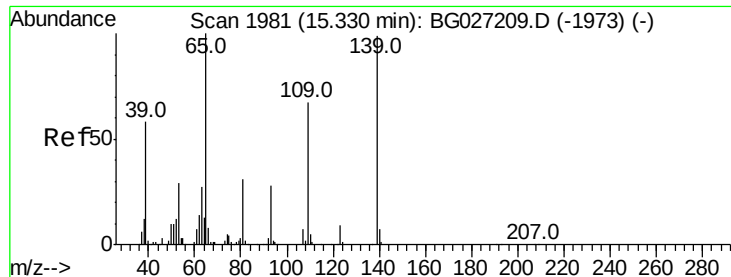
Tot Ion:184 Resp: 141530
Ion Ratio Lower Upper
184 100
63 61.7 52.7 79.1
154 67.6 57.3 85.9



#54
Dibenzofuran
Concen: 49.13 ng
RT: 15.55 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:168 Resp: 829753
Ion Ratio Lower Upper
168 100
139 36.9 35.3 52.9
169 14.0 11.5 17.3





#55

4-Nitrophenol

Concen: 94.13 ng

RT: 15.33 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

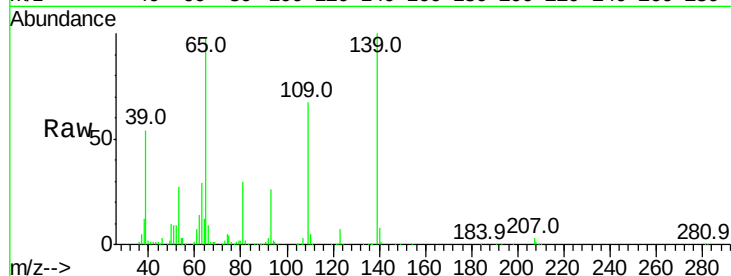
Tot Ion:139 Resp: 256204

Ion Ratio Lower Upper

139 100

109 67.1 101.2 141.2#

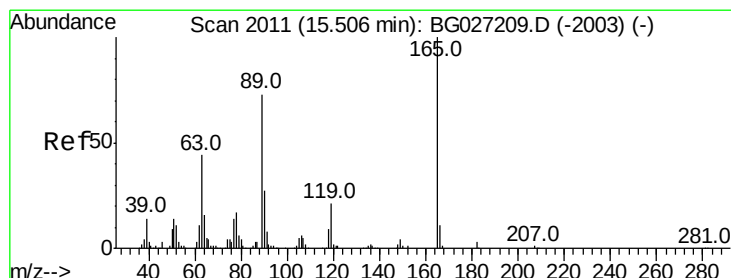
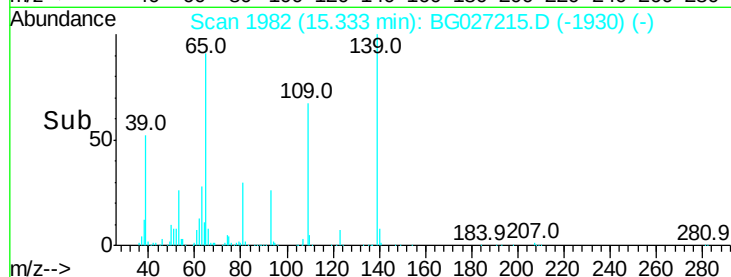
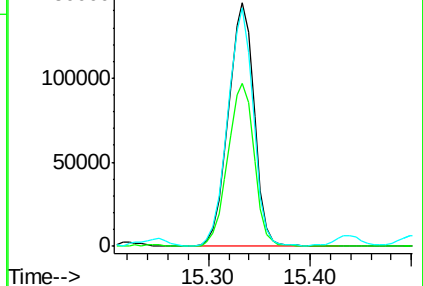
65 98.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 51.21 ng

RT: 15.50 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Tgt Ion:165 Resp: 191472

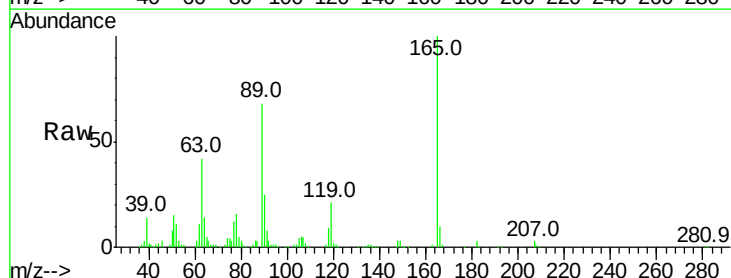
Ion Ratio Lower Upper

165 100

63 41.7 44.0 66.0#

89 68.5 67.3 100.9

182 3.2 3.8 5.6#

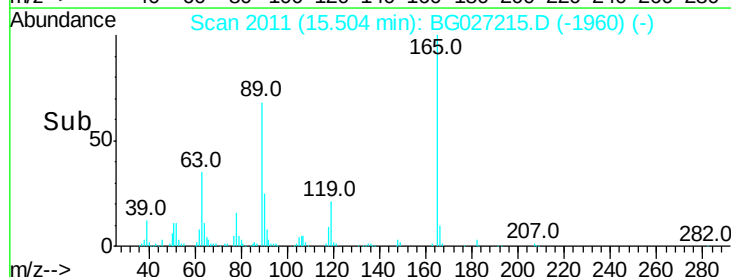
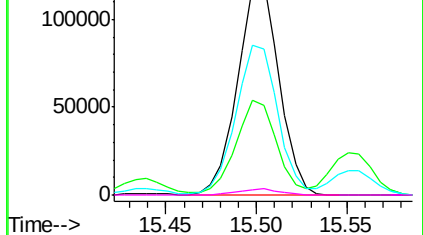


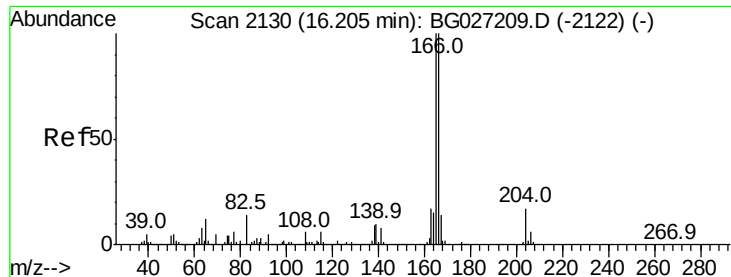
Abundance Ion 165.00 (164.70 to 165.70): E

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

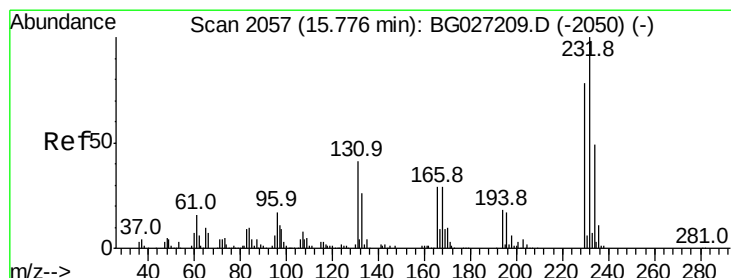
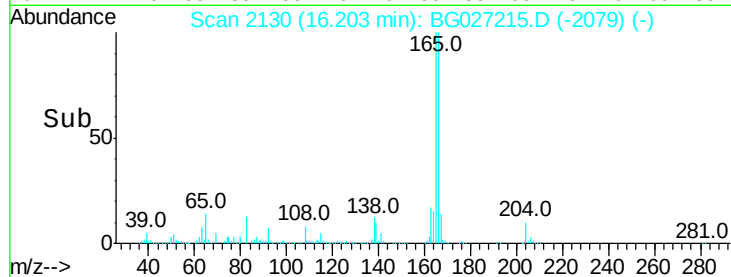
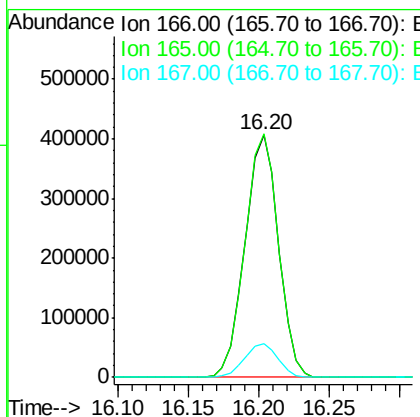
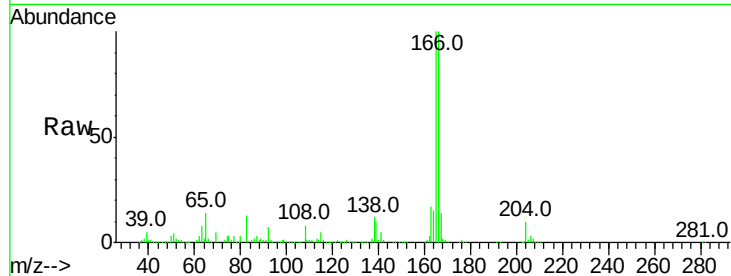




#57
 Fluorene
 Concen: 45.17 ng
 RT: 16.20 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

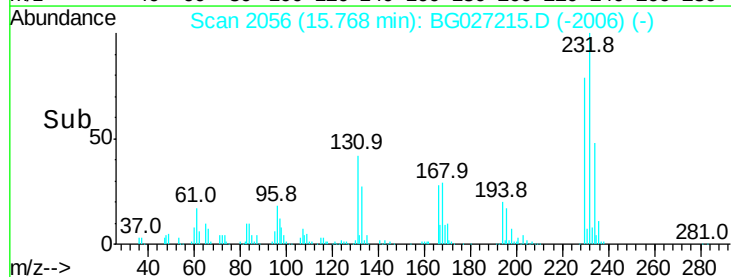
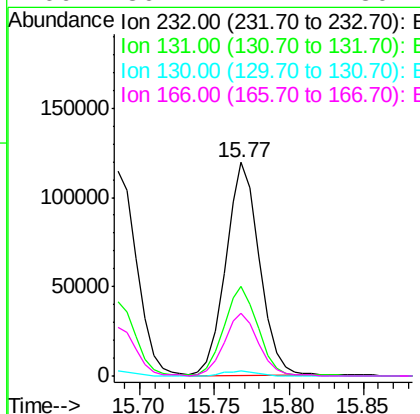
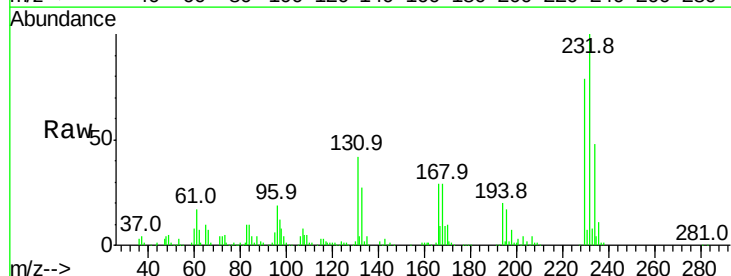
Instrument :
 BNA_G
 ClientSampled :

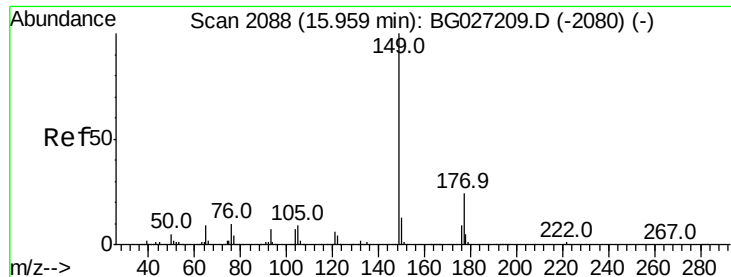
Tot Ion:166 Resp: 677645
 Ion Ratio Lower Upper
 166 100
 165 100.3 78.6 117.8
 167 13.8 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.61 ng
 RT: 15.77 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion:232 Resp: 188318
 Ion Ratio Lower Upper
 232 100
 131 42.6 34.9 52.3
 130 2.5 2.3 3.5
 166 30.1 24.2 36.4





#59

Diethylphthalate

Concen: 49.26 ng

RT: 15.96 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

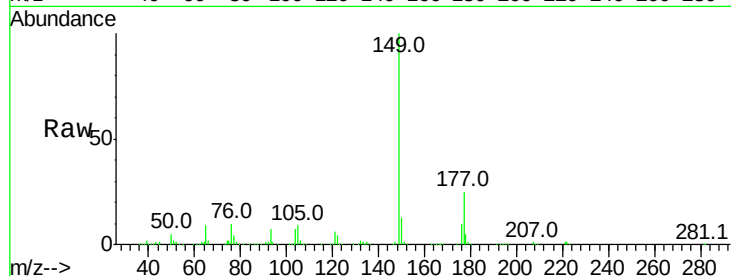
Tot Ion:149 Resp: 699250

Ion Ratio Lower Upper

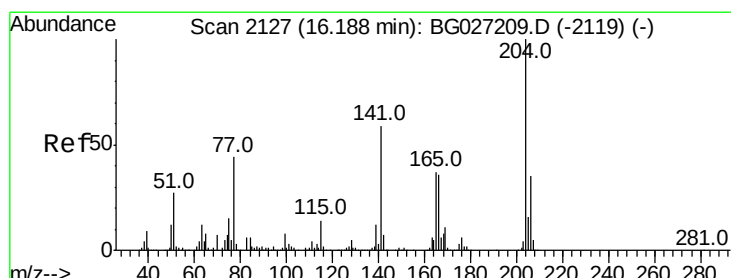
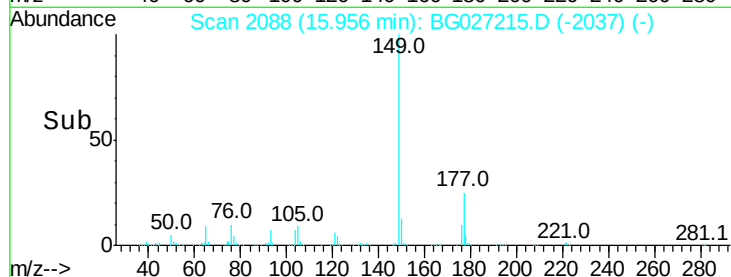
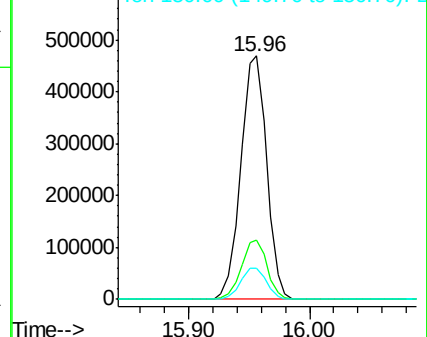
149 100

177 24.6 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: 46.23 ng

RT: 16.19 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

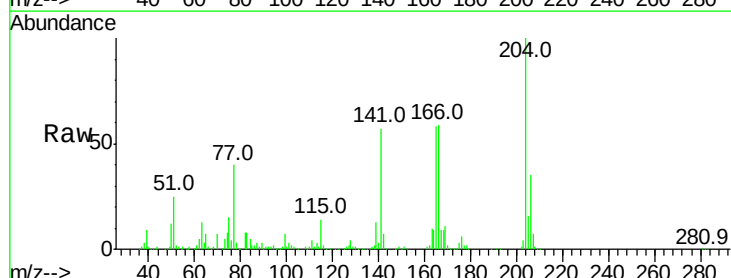
Tgt Ion:204 Resp: 349392

Ion Ratio Lower Upper

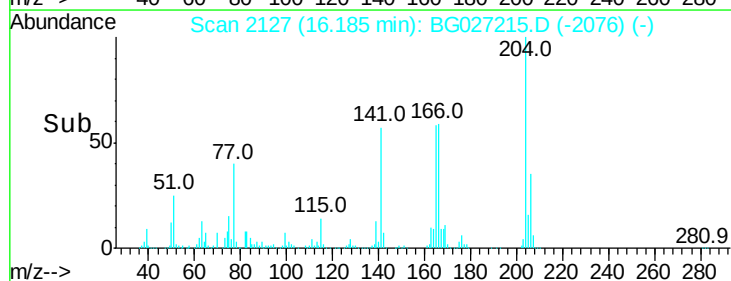
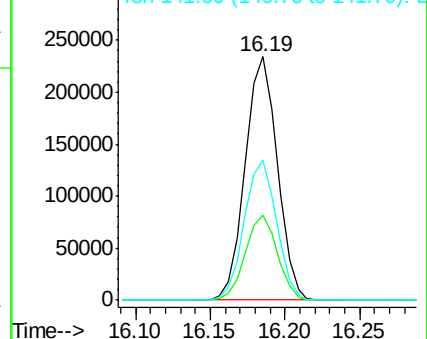
204 100

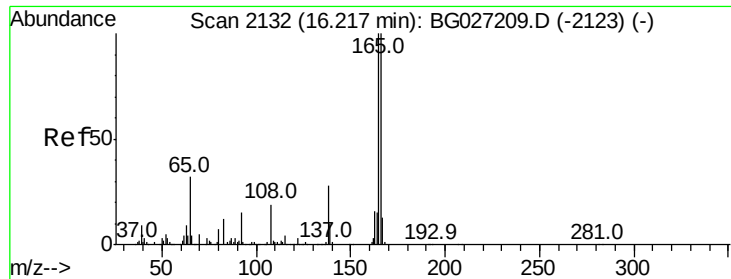
206 34.9 30.1 45.1

141 57.4 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

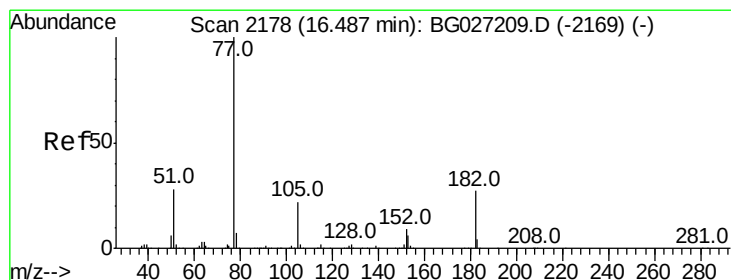
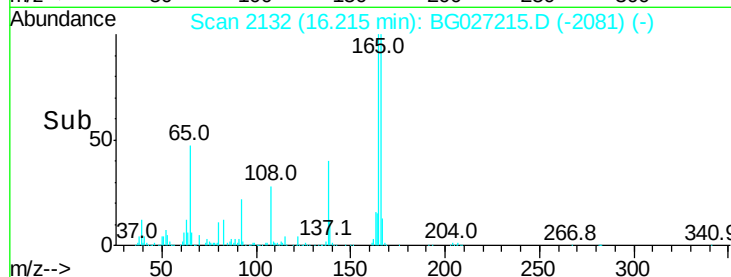
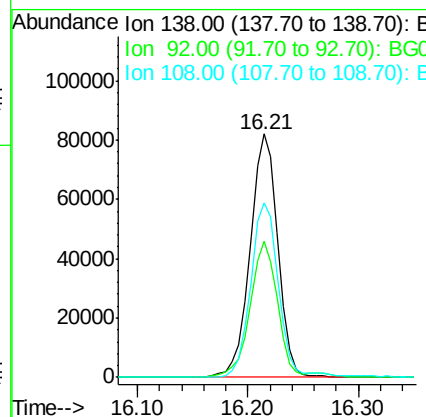
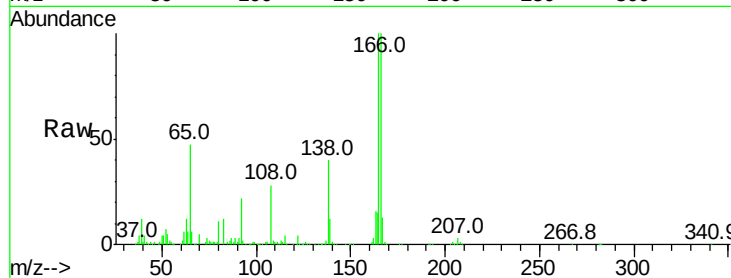




#61
4-Nitroaniline
Concen: 47.05 ng
RT: 16.21 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

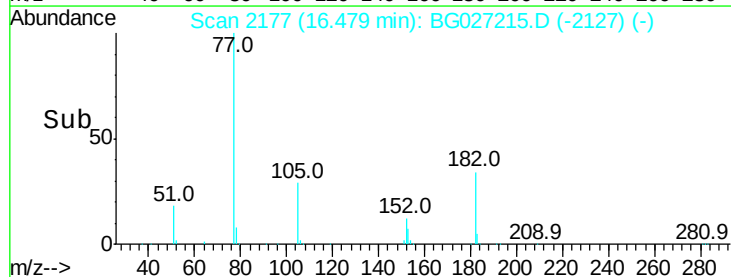
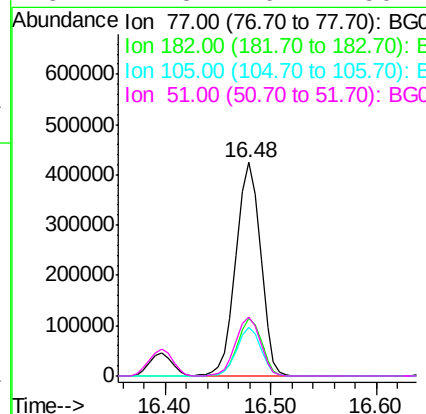
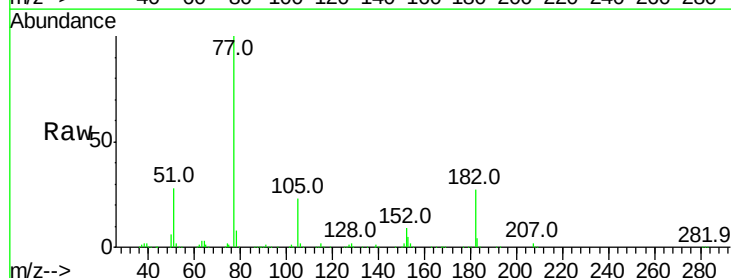
Instrument :
BNA_G
ClientSampleId :

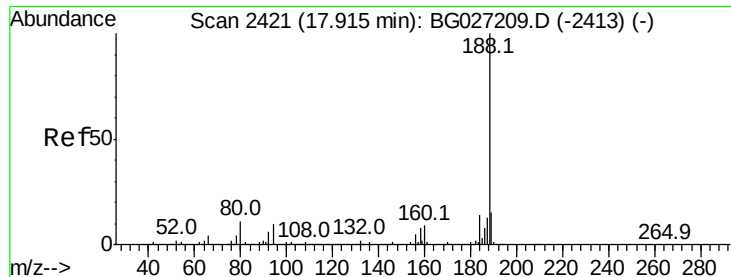
Tot Ion:138 Resp: 143973
Ion Ratio Lower Upper
138 100
92 55.7 44.2 84.2
108 71.9 104.8 144.8#



#62
Azobenzene
Concen: 52.08 ng
RT: 16.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion: 77 Resp: 685235
Ion Ratio Lower Upper
77 100
182 26.9 4.7 44.7
105 22.8 0.0 36.3
51 27.8 16.4 56.4

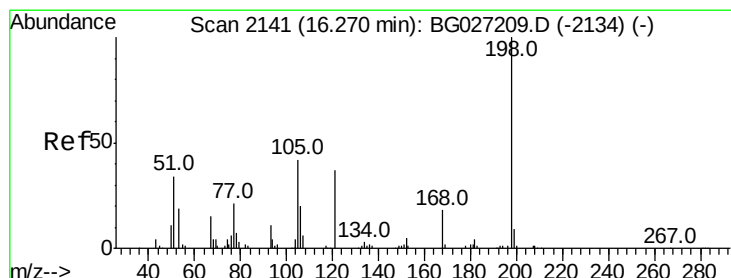
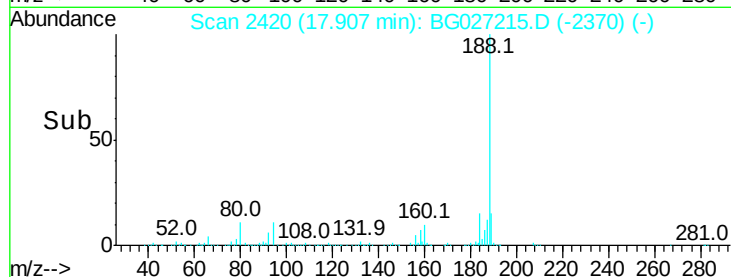
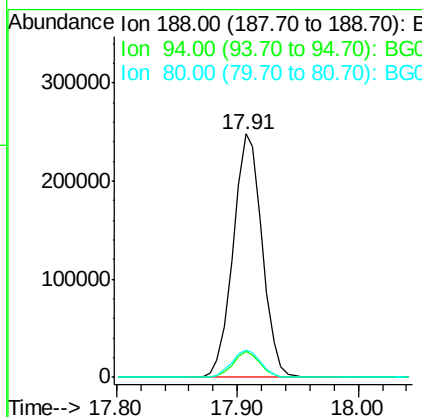
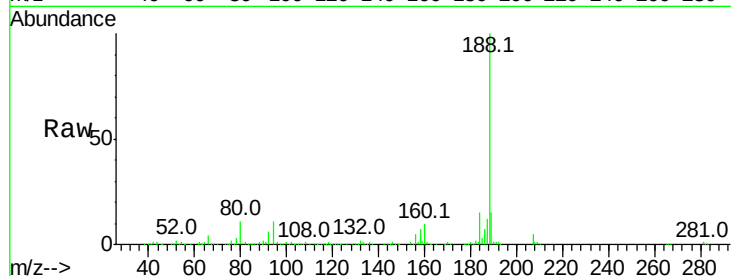




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

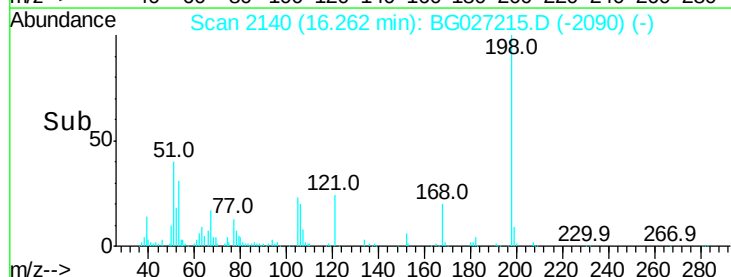
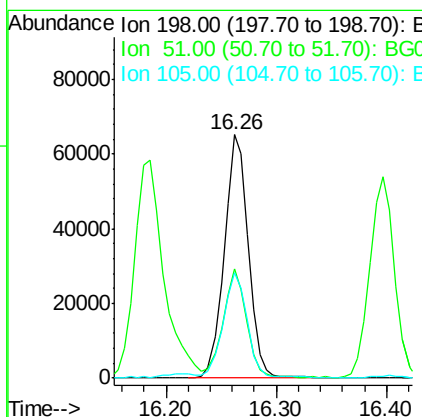
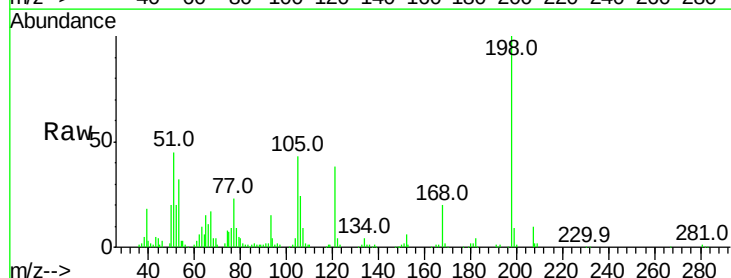
Instrument :
BNA_G
ClientSampleId :

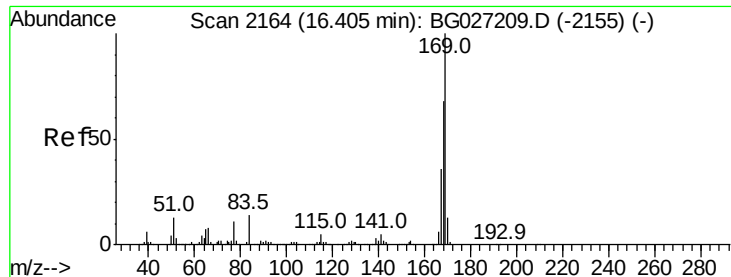
Tot Ion:188 Resp: 413444
Ion Ratio Lower Upper
188 100
94 10.5 5.8 8.8#
80 11.3 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 52.27 ng
RT: 16.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:198 Resp: 99119
Ion Ratio Lower Upper
198 100
51 44.9 22.6 62.6
105 43.1 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 47.62 ng

RT: 16.40 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

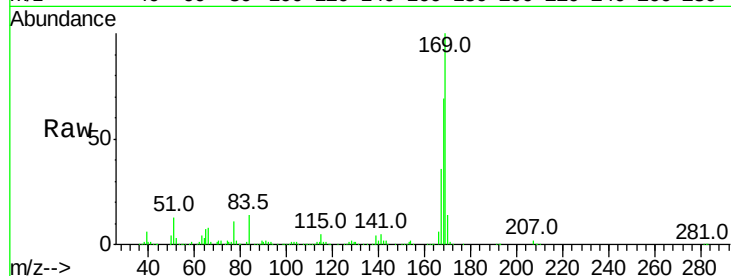
Tot Ion:169 Resp: 617302

Ion Ratio Lower Upper

169 100

168 69.2 55.7 83.5

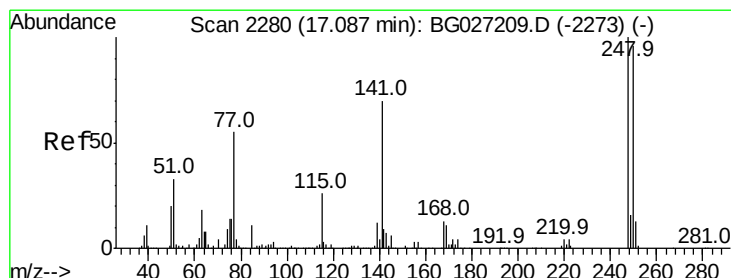
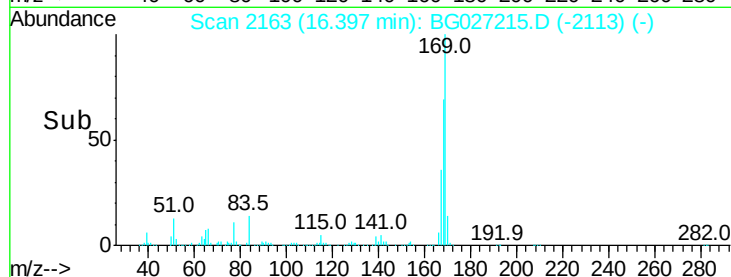
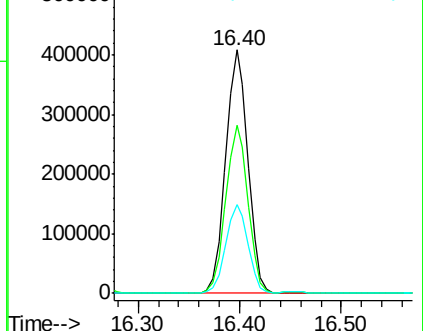
167 36.2 29.8 44.6



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: 47.51 ng

RT: 17.08 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

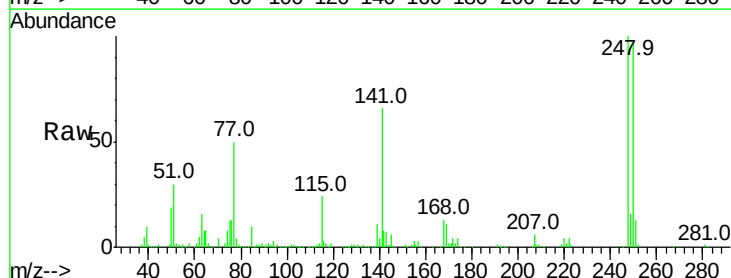
Tgt Ion:248 Resp: 232503

Ion Ratio Lower Upper

248 100

250 96.5 75.0 112.6

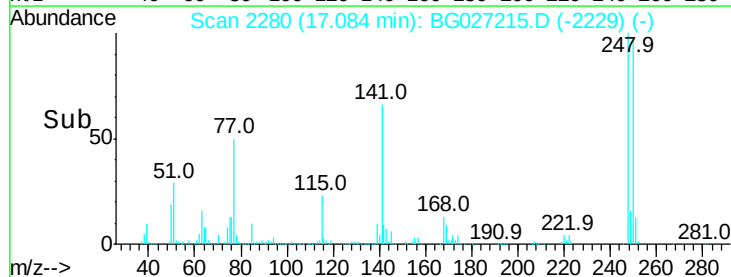
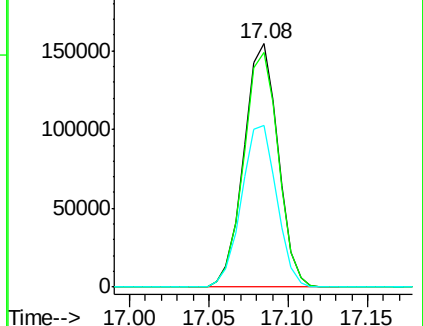
141 66.3 55.2 82.8

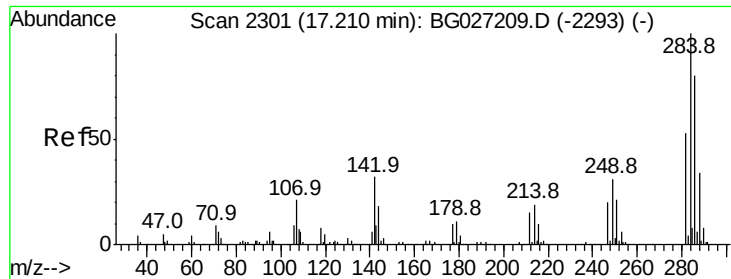


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

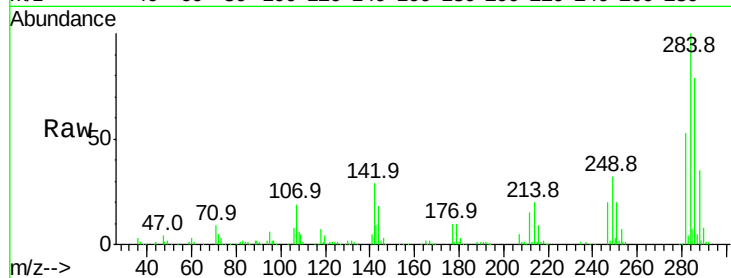




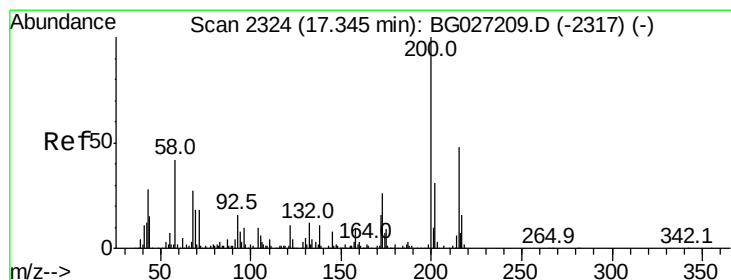
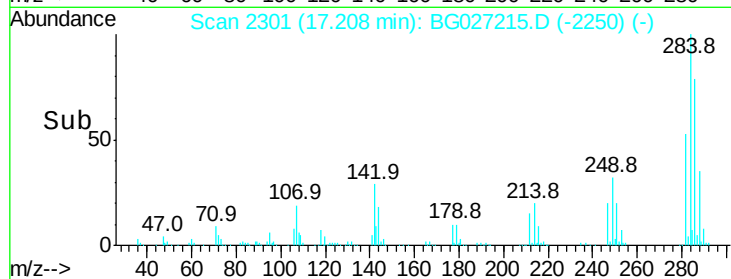
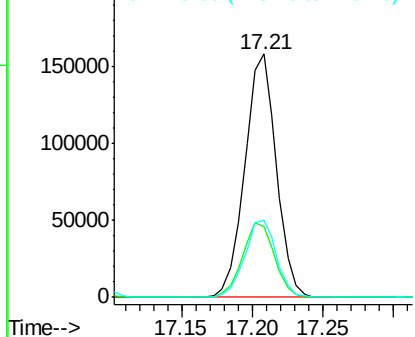
#67
Hexachlorobenzene
Concen: 46.92 ng
RT: 17.21 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.3	29.9	44.9#
249	31.7	29.2	43.8

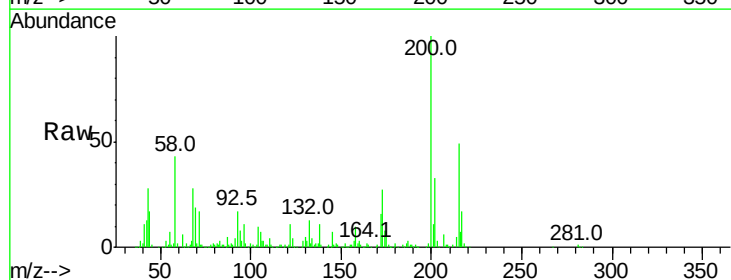


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

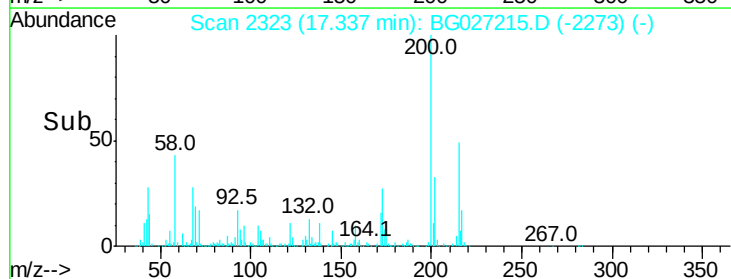
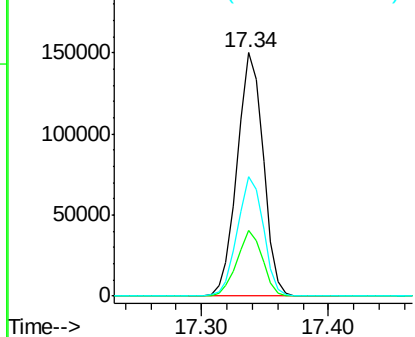


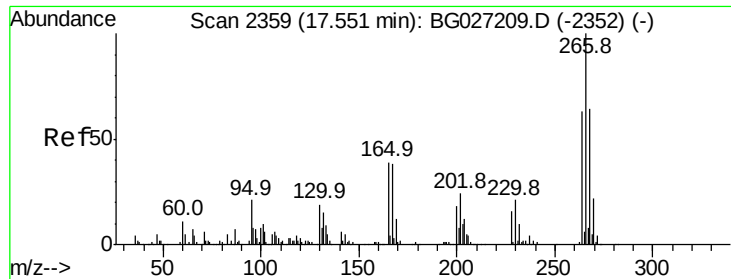
#68
Atrazine
Concen: 49.31 ng
RT: 17.34 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	3.0	43.0
215	49.3	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

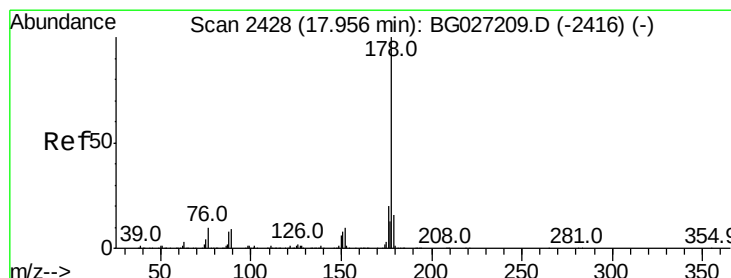
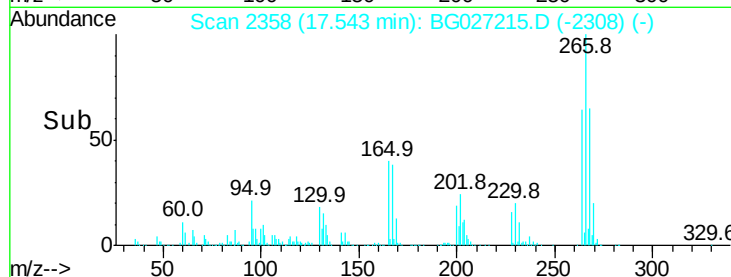
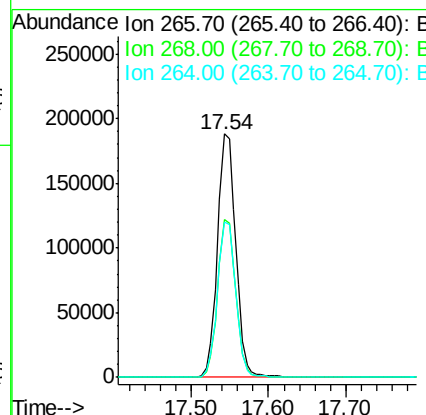
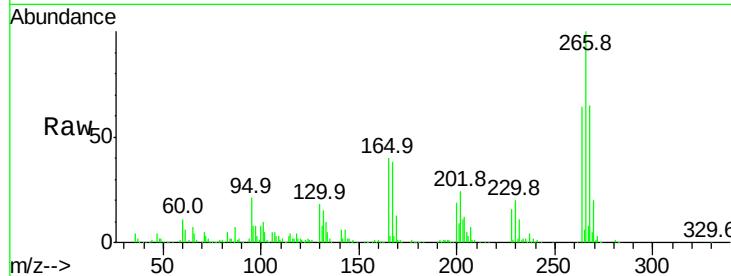




#69
 Pentachlorophenol
 Concen: 99.76 ng
 RT: 17.54 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

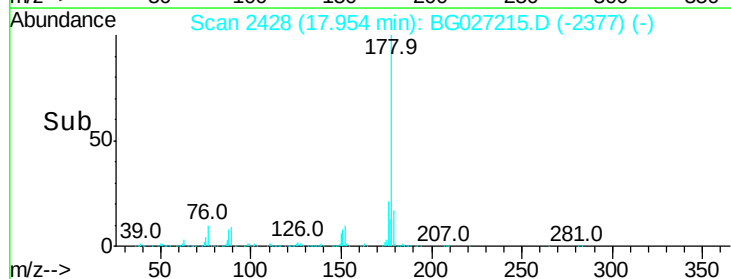
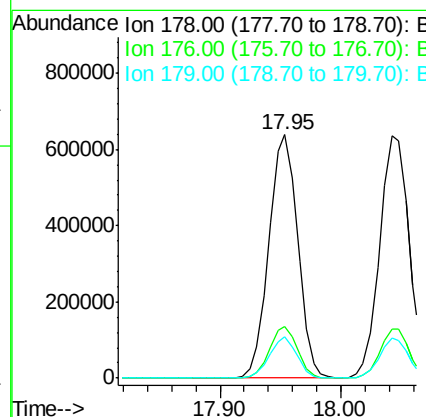
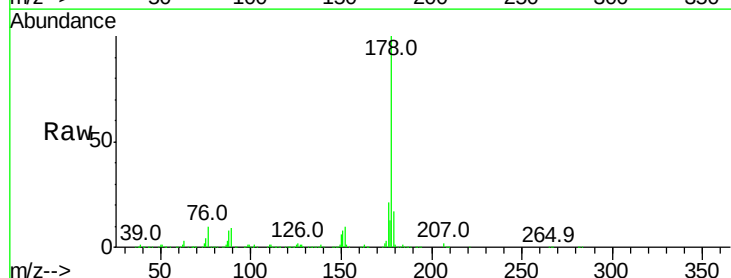
Instrument :
 BNA_G
 ClientSampled :

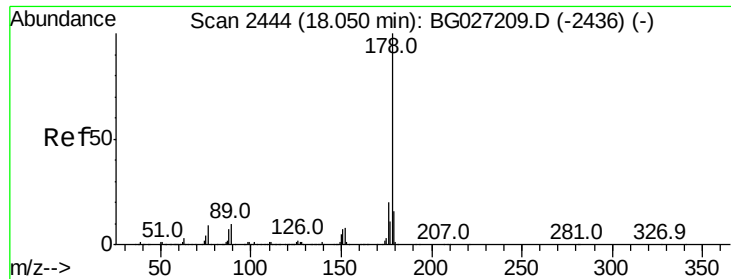
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	48.6	72.8
264	64.0	50.1	75.1



#70
 Phenanthrene
 Concen: 45.27 ng
 RT: 17.95 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	17.7	26.5
179	16.8	15.0	22.6



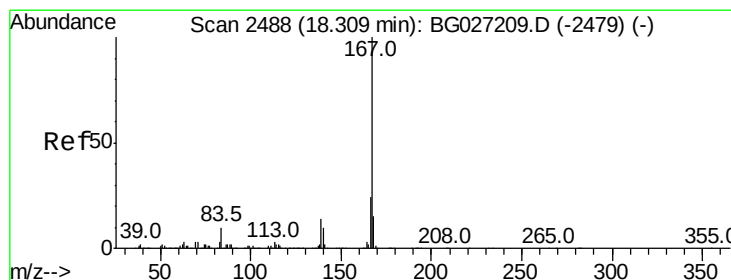
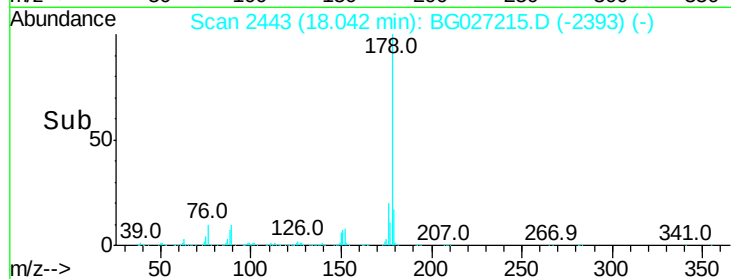
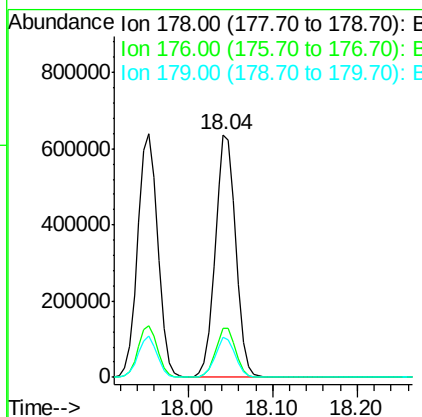
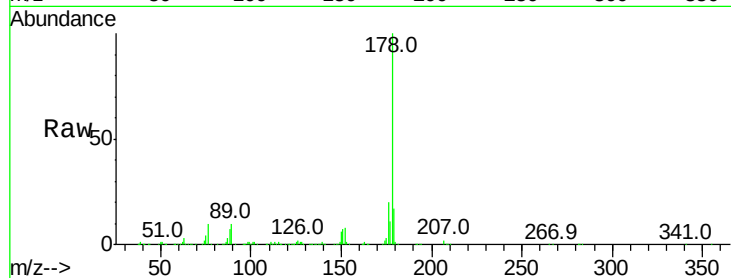


#71
 Anthracene
 Concen: 46.40 ng
 RT: 18.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1081286

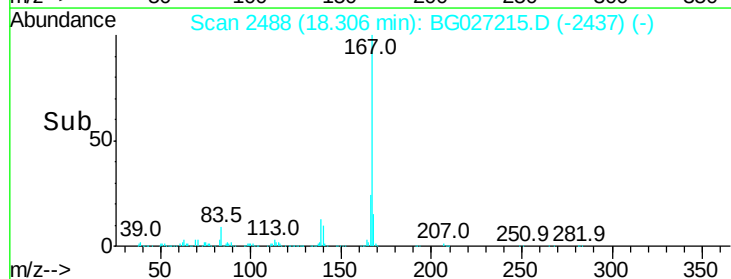
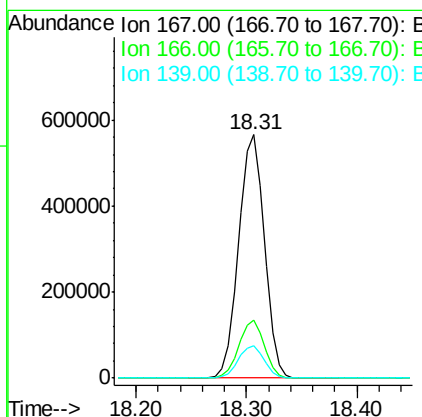
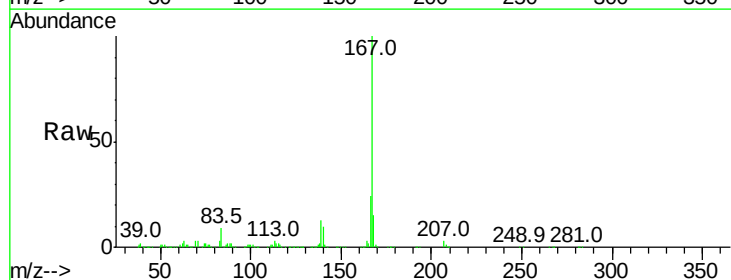
Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.4	24.6
179	16.7	13.8	20.8

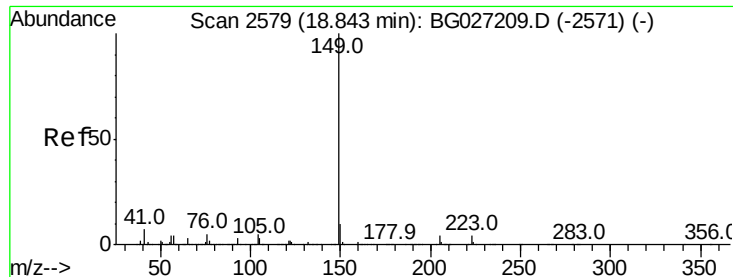


#72
 Carbazole
 Concen: 42.40 ng
 RT: 18.31 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion:167 Resp: 932034

Ion	Ratio	Lower	Upper
167	100		
166	23.8	20.2	30.2
139	13.2	12.8	19.2

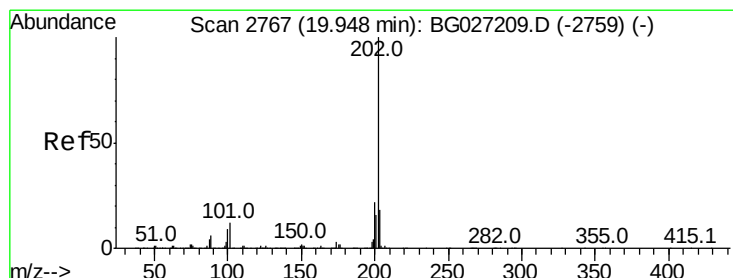
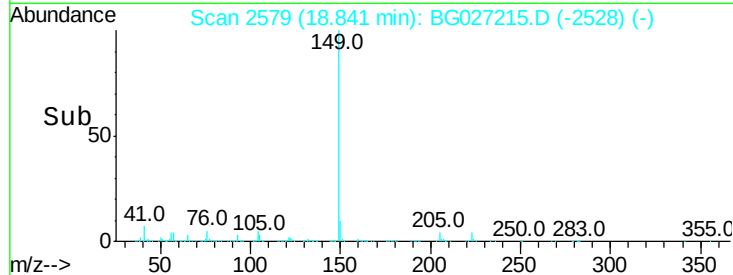
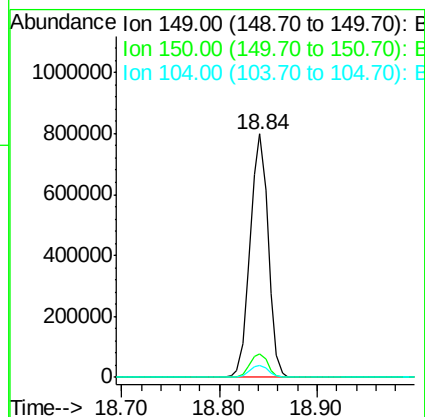
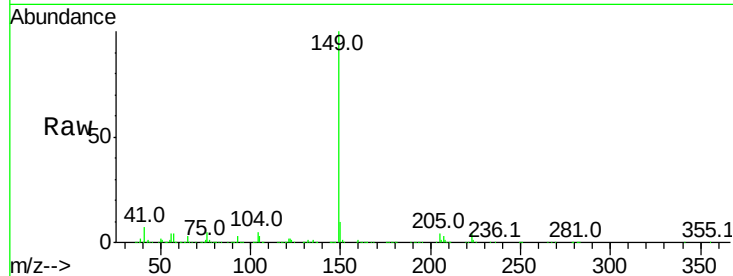




#73
Di-n-butylphthalate
Concen: 48.60 ng
RT: 18.84 min Scan# 2579
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

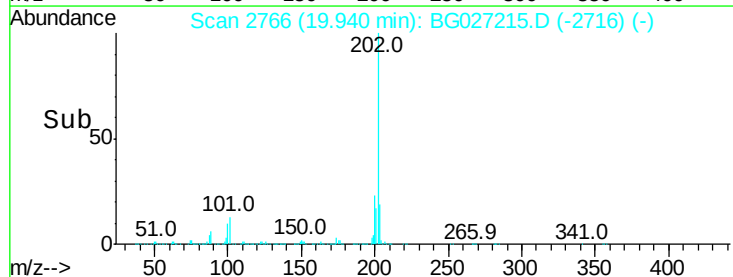
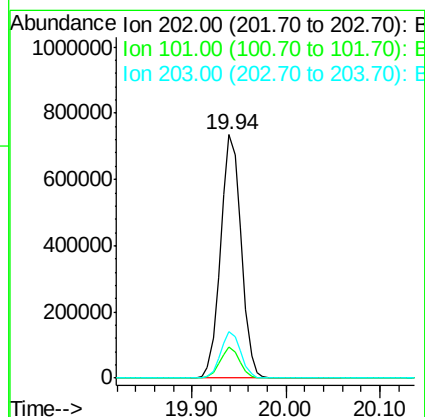
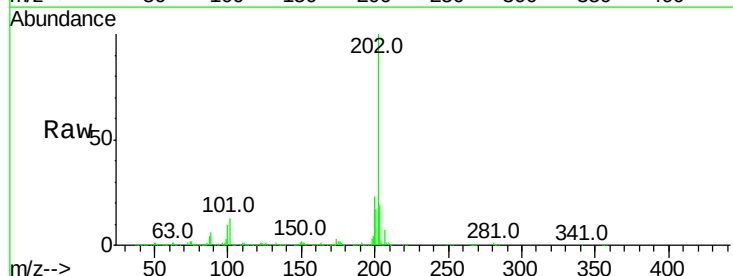
Instrument :
BNA_G
ClientSampleId :

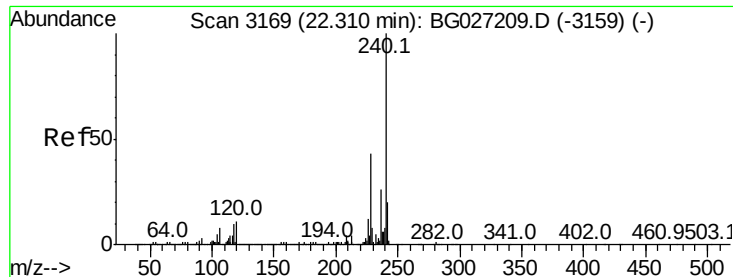
Tot Ion:149 Resp: 1035884
Ion Ratio Lower Upper
149 100
150 9.8 9.1 13.7
104 5.1 6.7 10.1#



#74
Fluoranthene
Concen: 45.14 ng
RT: 19.94 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:202 Resp: 1121814
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.1
203 18.9 1.3 41.3

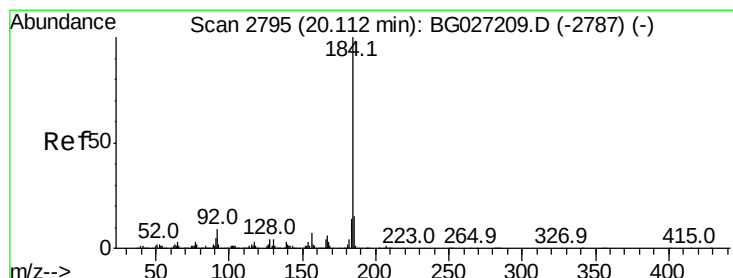
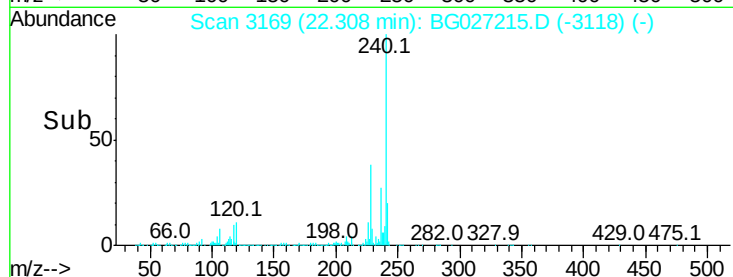
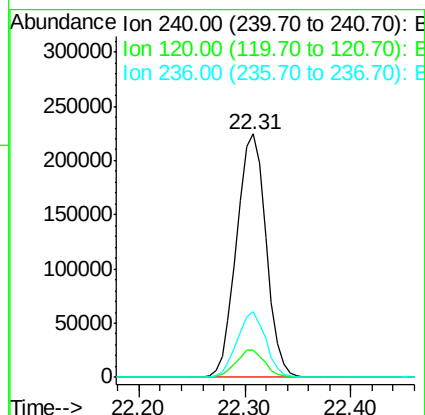
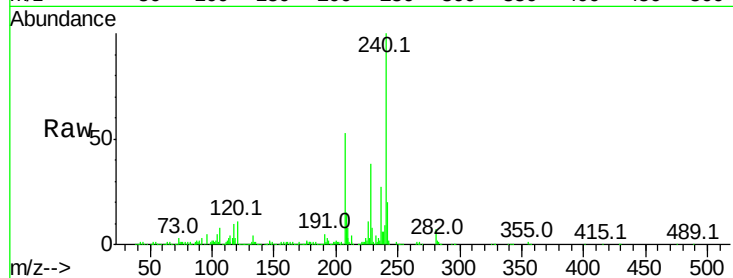




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.31 min Scan# 3169
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

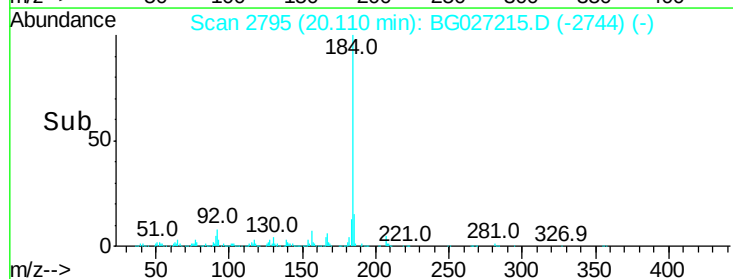
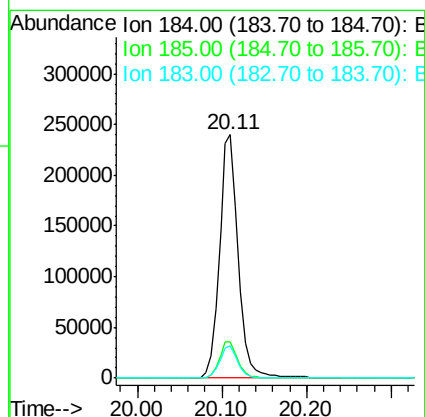
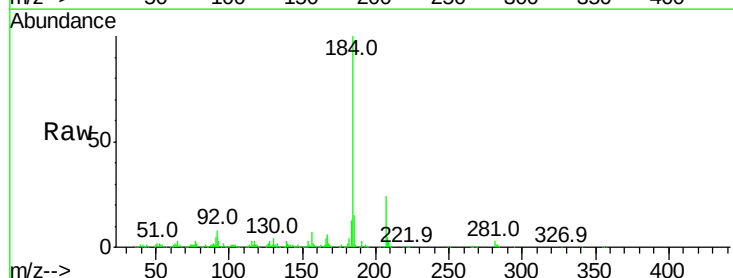
Instrument :
 BNA_G
 ClientSampleId :

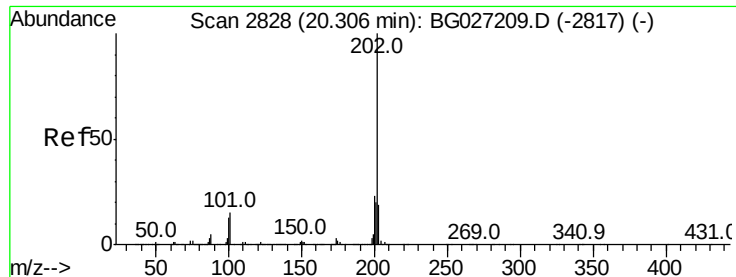
Tot Ion:240 Resp: 433362
 Ion Ratio Lower Upper
 240 100
 120 11.3 5.7 8.5#
 236 27.1 22.2 33.4



#76
 Benzidine
 Concen: 28.50 ng
 RT: 20.11 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion:184 Resp: 372108
 Ion Ratio Lower Upper
 184 100
 185 15.0 13.0 19.6
 183 13.3 11.0 16.6





#77

Pvrene

Concen: 43.14 ng

RT: 20.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

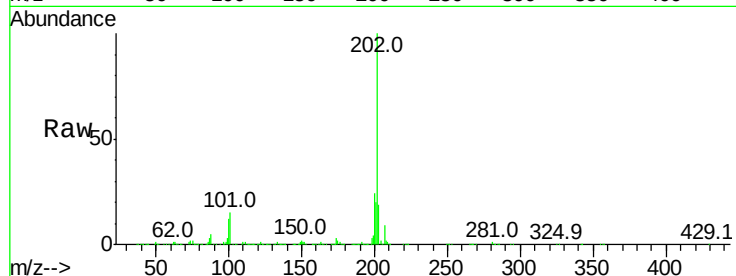
Tot Ion:202 Resp: 1129508

Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.6	29.4
203	19.1	15.8	23.8

202 100

200 23.6 19.6 29.4

203 19.1 15.8 23.8

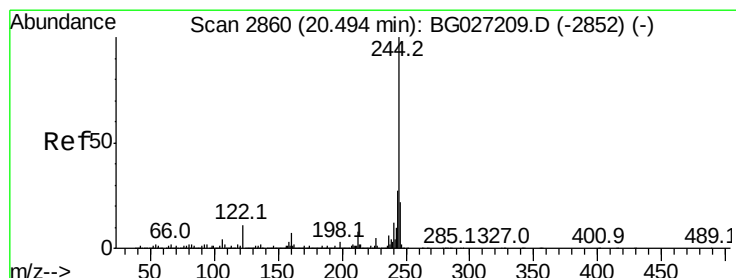
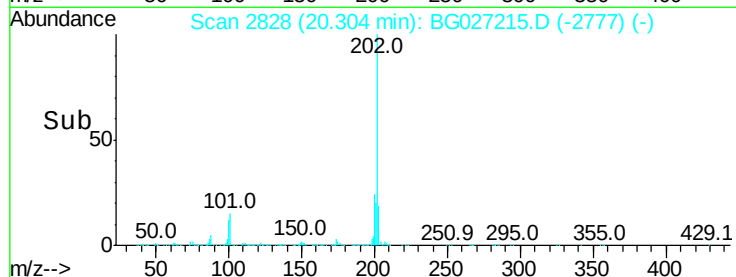
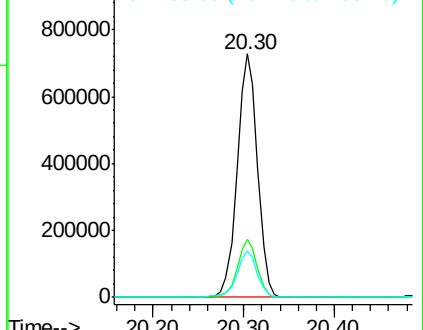


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.79 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

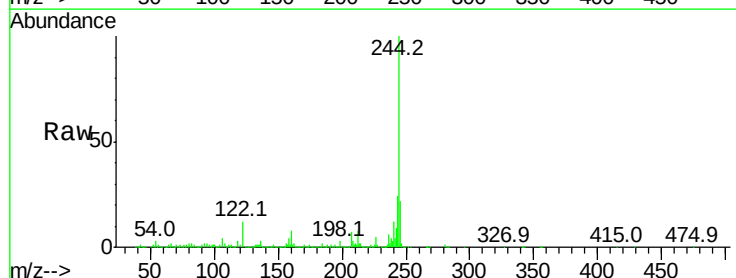
Tgt Ion:244 Resp: 1593277

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	11.6	8.6	12.8

244 100

212 8.1 10.0 15.0#

122 11.6 8.6 12.8

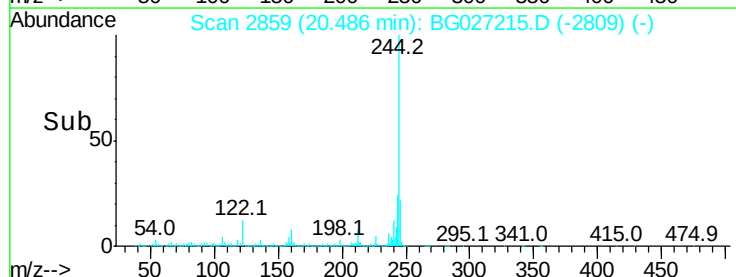
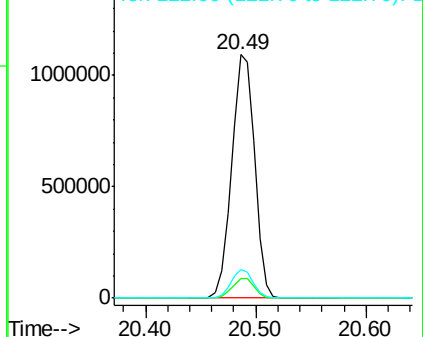


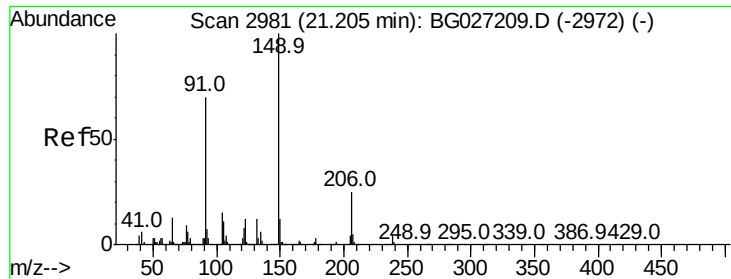
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

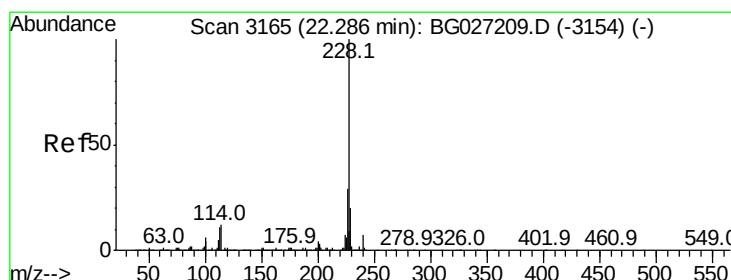
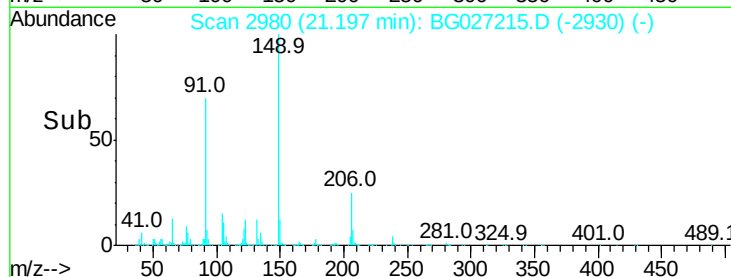
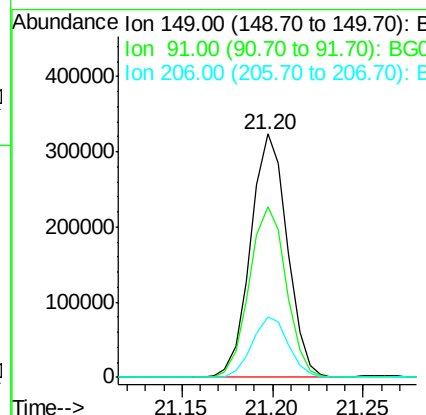
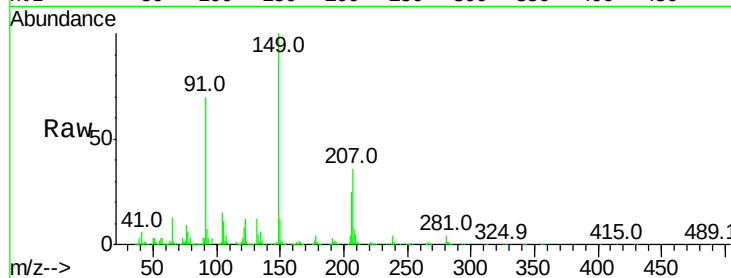




#79
Butylbenzylphthalate
Concen: 48.66 ng
RT: 21.20 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

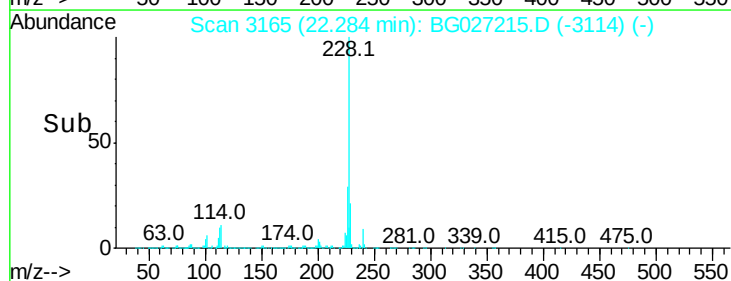
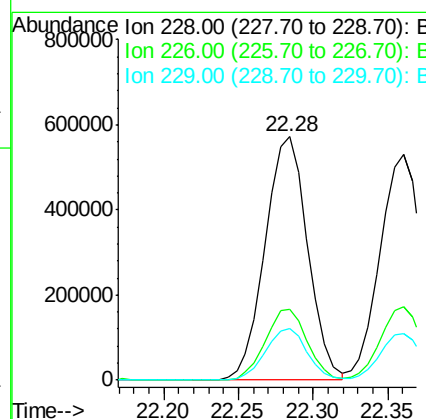
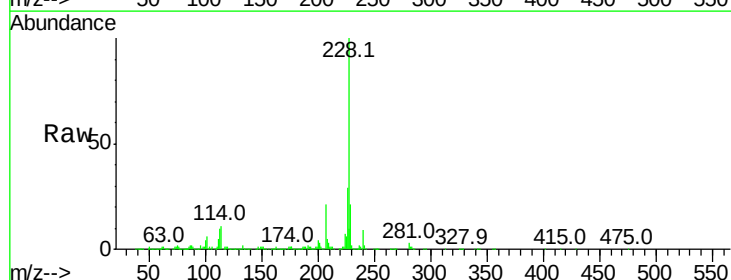
Instrument :
BNA_G
ClientSampleId :

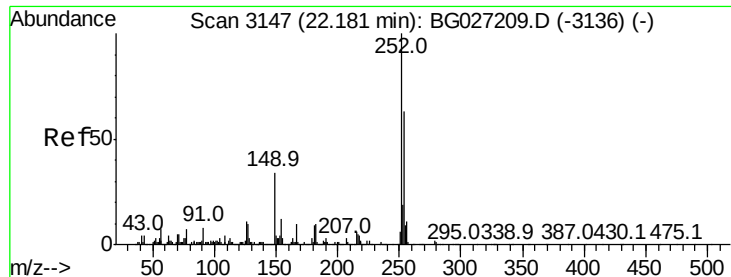
Tot Ion:149 Resp: 450170
Ion Ratio Lower Upper
149 100
91 70.2 63.5 95.3
206 24.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 46.00 ng
RT: 22.28 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:228 Resp: 1136741
Ion Ratio Lower Upper
228 100
226 29.1 24.9 37.3
229 21.2 18.2 27.2

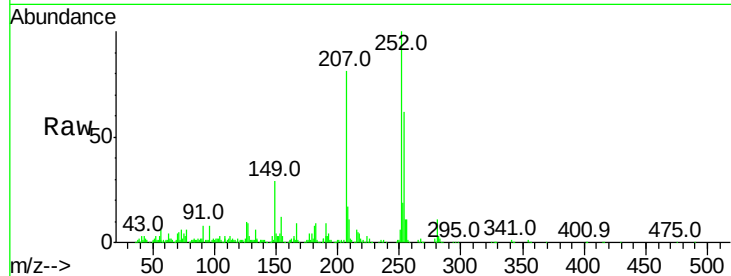




#81
 3,3'-Dichlorobenzidine
 Concen: 27.79 ng
 RT: 22.18 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	53.1	79.7
126	10.1	7.0	10.4

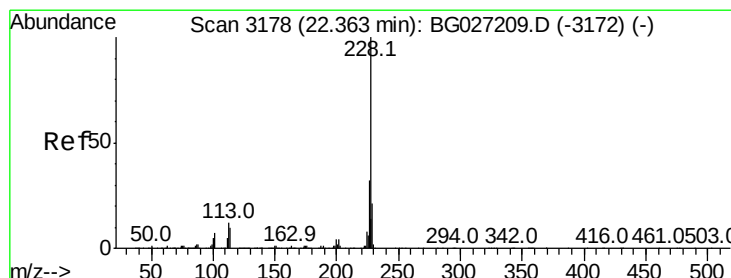
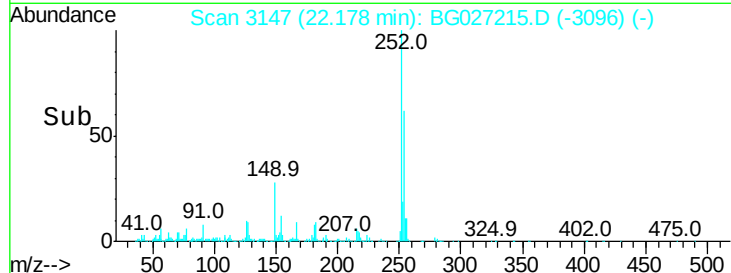
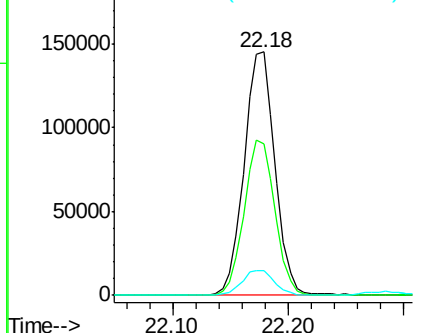


Abundance

Ion 252.00 (251.70 to 252.70): E

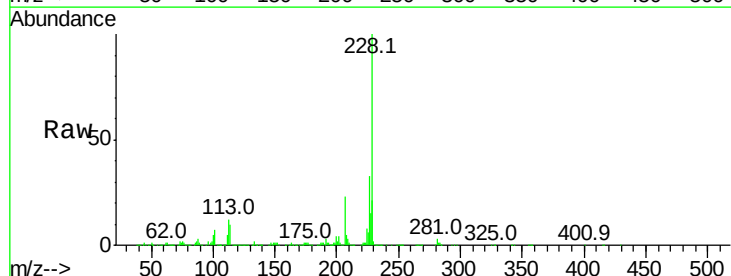
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 43.71 ng
 RT: 22.36 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	27.0	40.4
229	20.8	17.8	26.6

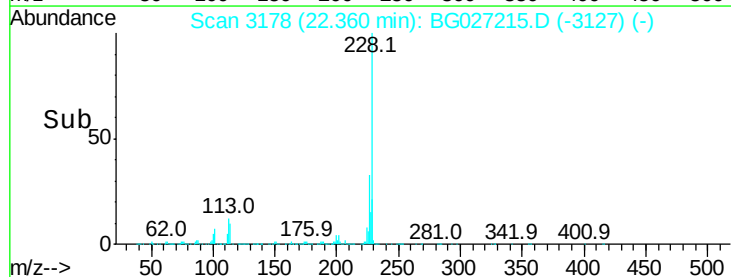
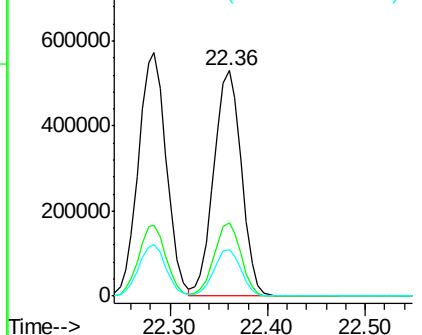


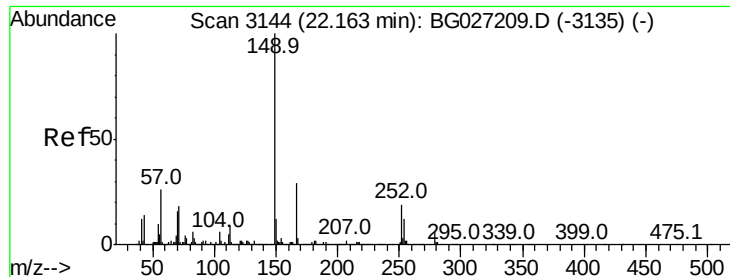
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.62 ng

RT: 22.15 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

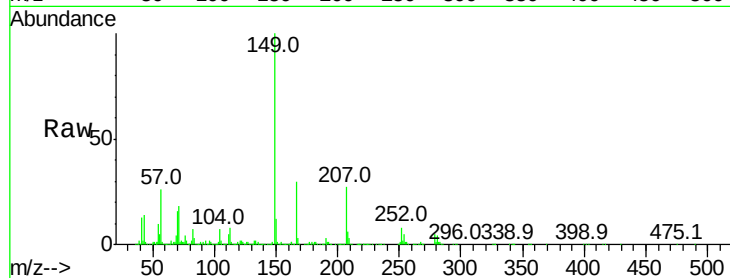
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 665778

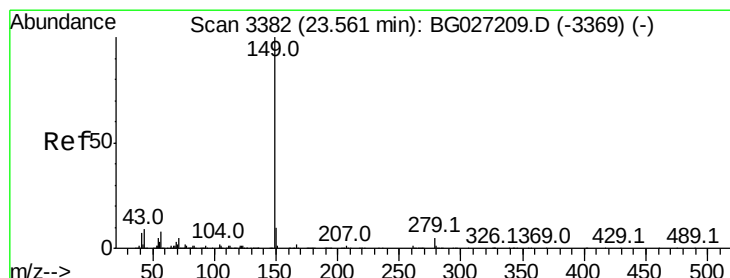
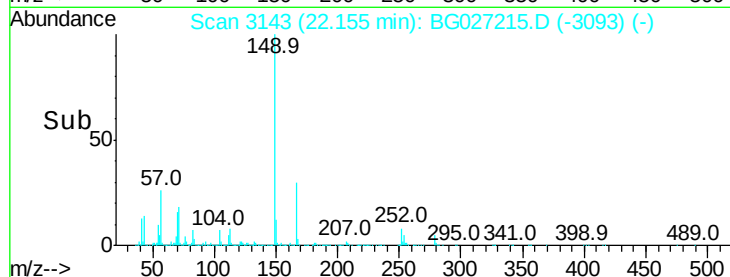
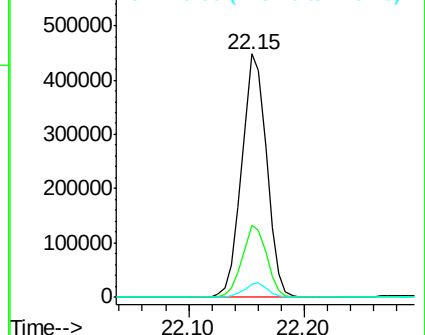
Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.7	35.5
279	5.2	4.6	6.8



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: 48.90 ng

RT: 23.55 min Scan# 3381

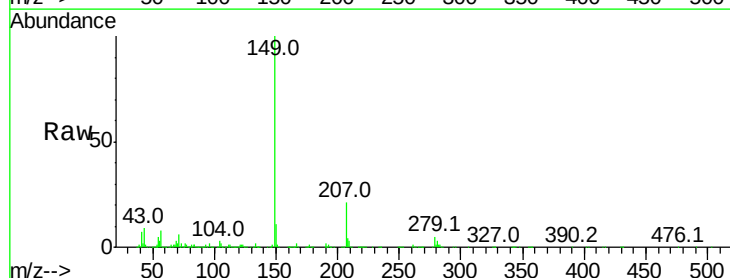
Delta R.T. -0.01 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Tgt Ion:149 Resp: 1132321

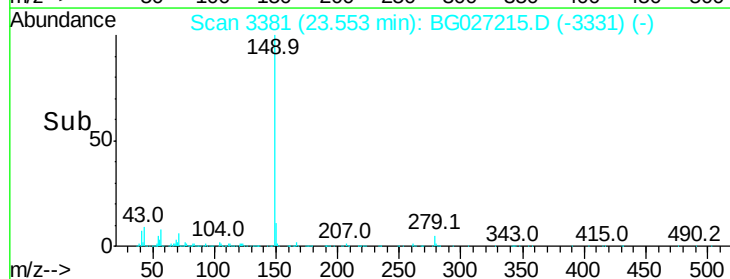
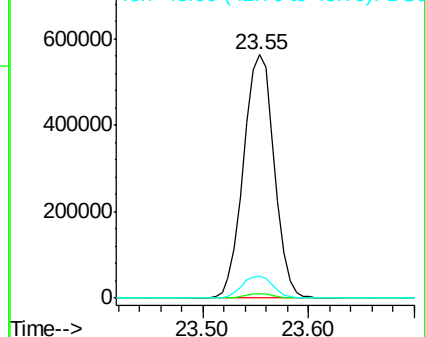
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	9.1	11.8	17.6

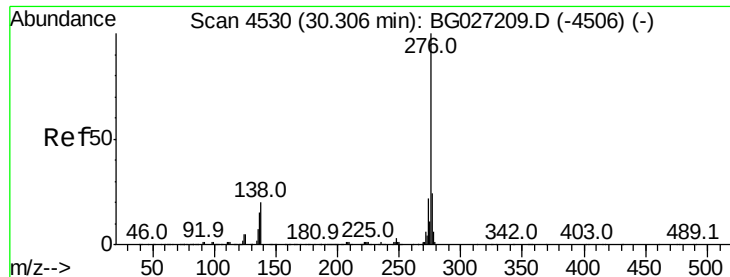


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

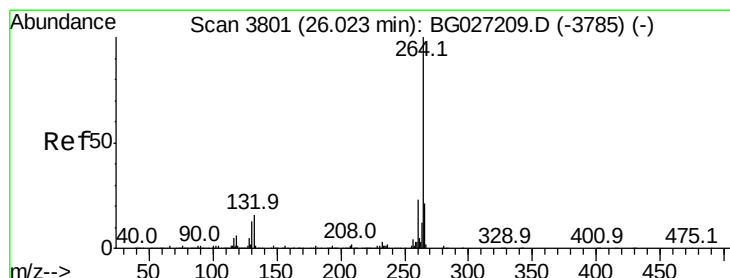
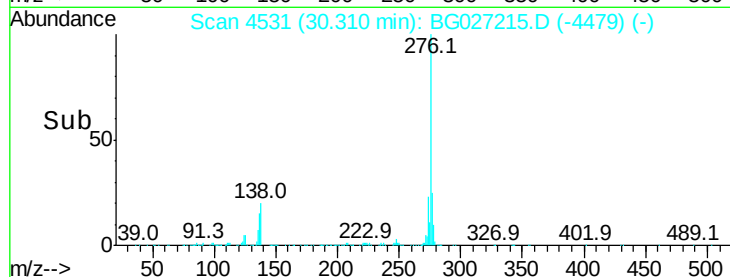
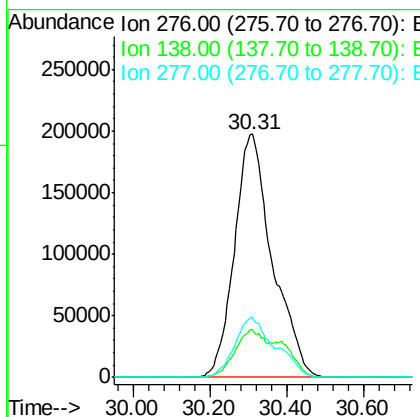
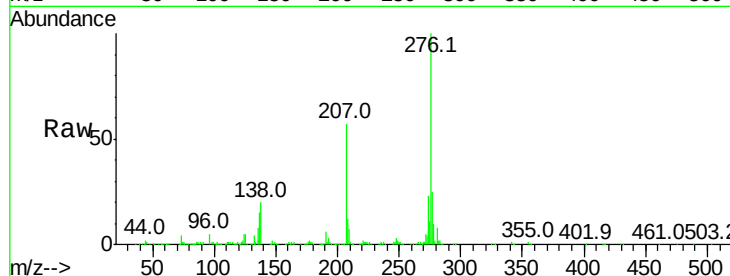




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.14 ng
 RT: 30.31 min Scan# 4531
 Delta R.T. 0.00 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

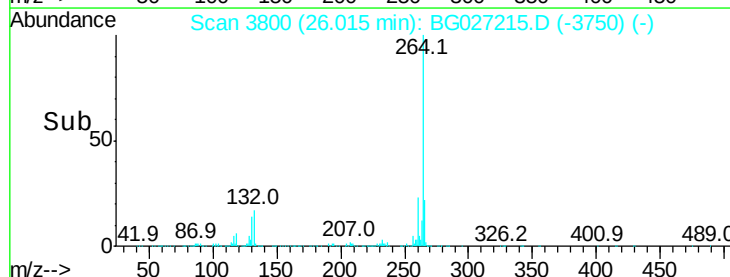
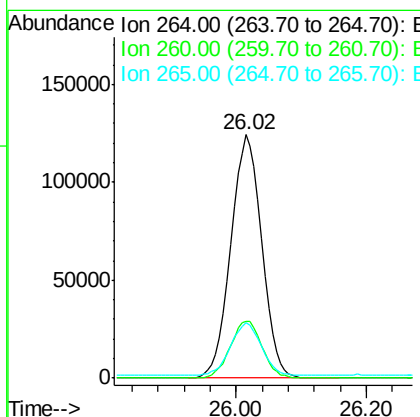
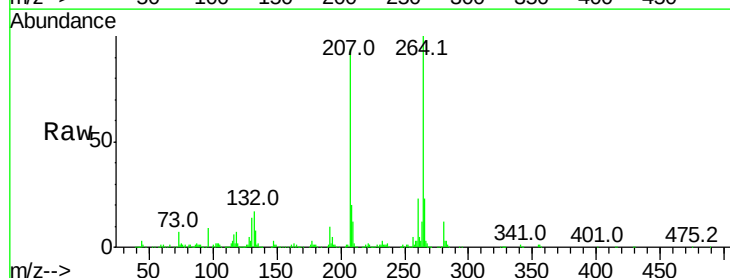
Instrument :
 BNA_G
 ClientSampleId :

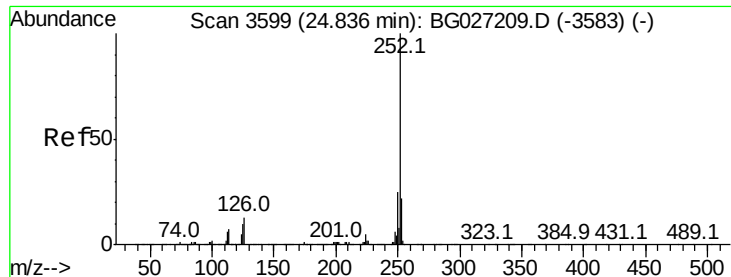
Tot Ion:276 Resp: 1354652
 Ion Ratio Lower Upper
 276 100
 138 16.7 4.7 7.1#
 277 21.3 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.02 min Scan# 3800
 Delta R.T. -0.01 min
 Lab File: BG027215.D
 Acq: 5 Jun 2017 16:37

Tgt Ion:264 Resp: 408520
 Ion Ratio Lower Upper
 264 100
 260 23.2 21.8 32.8
 265 23.0 18.2 27.4

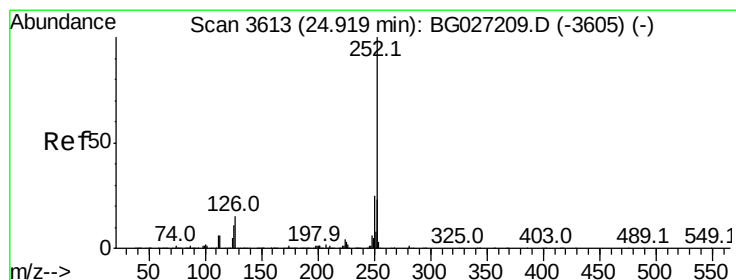
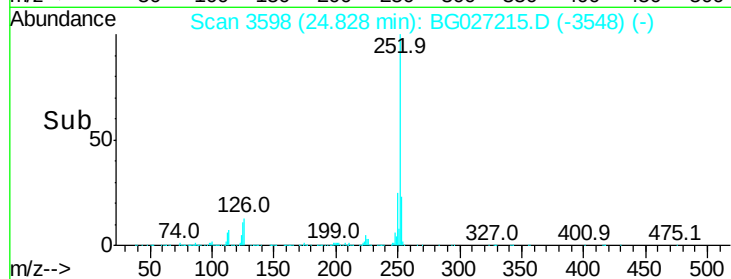
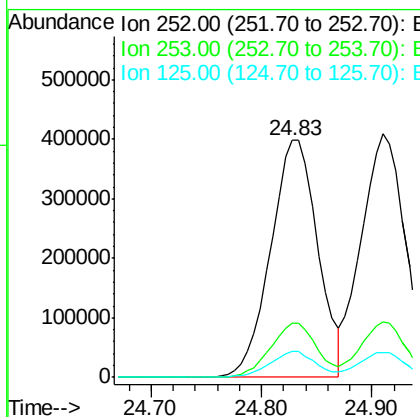
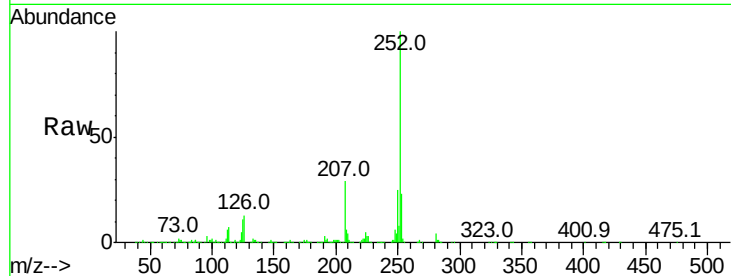




#87
Benzo(b)fluoranthene
Concen: 46.40 ng
RT: 24.83 min Scan# 3598
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

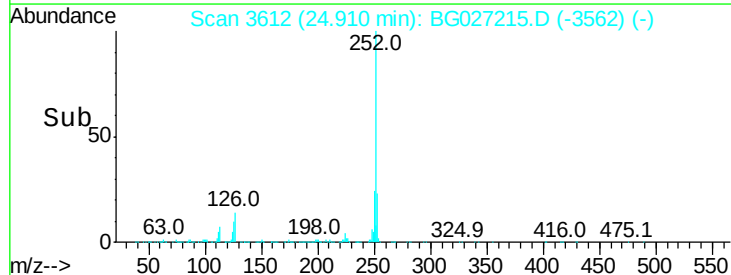
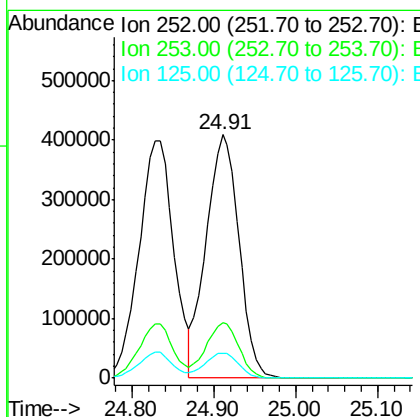
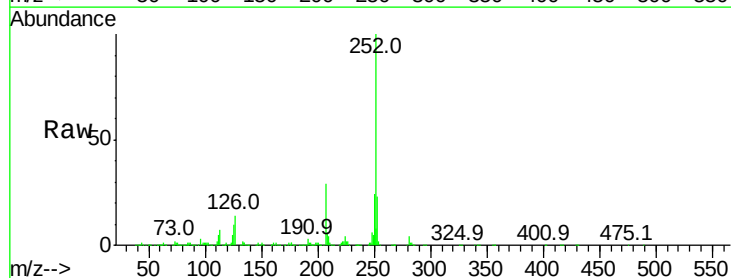
Instrument :
BNA_G
ClientSampleId :

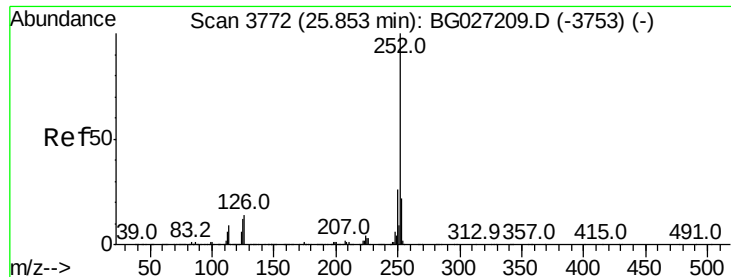
Tot Ion:252 Resp: 1175501
Ion Ratio Lower Upper
252 100
253 22.7 18.7 28.1
125 10.8 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 45.81 ng
RT: 24.91 min Scan# 3612
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:252 Resp: 1138741
Ion Ratio Lower Upper
252 100
253 22.9 20.2 30.2
125 10.4 5.1 7.7#

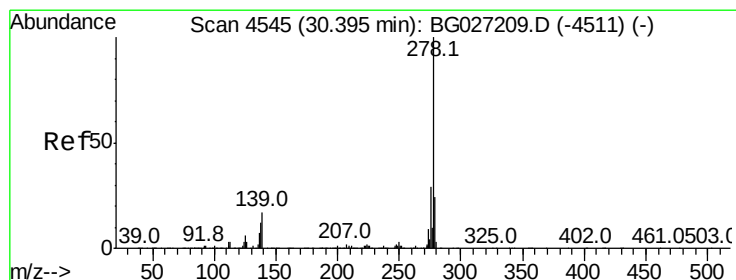
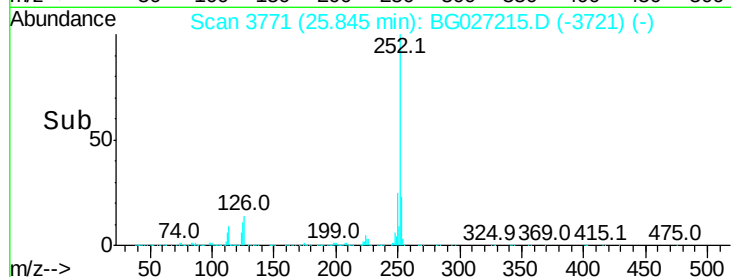
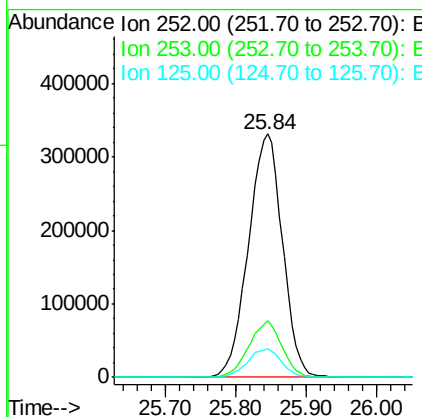
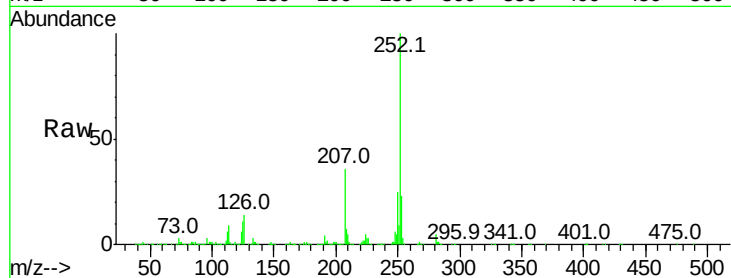




#89
Benzo(a)pyrene
Concen: 46.63 ng
RT: 25.84 min Scan# 3771
Delta R.T. -0.01 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

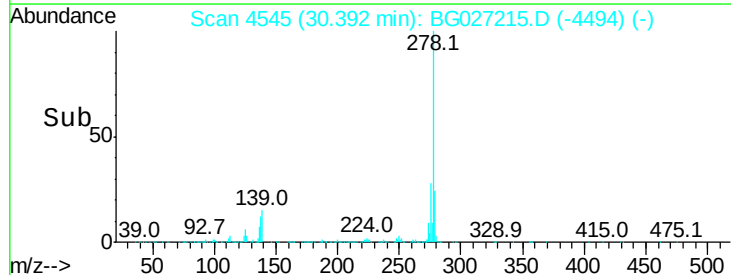
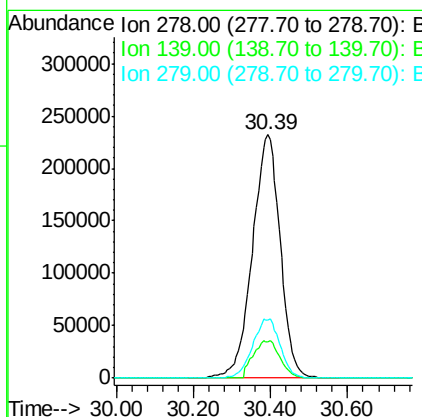
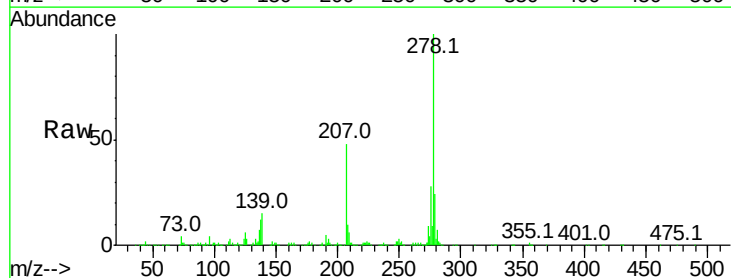
Instrument :
BNA_G
ClientSampleId :

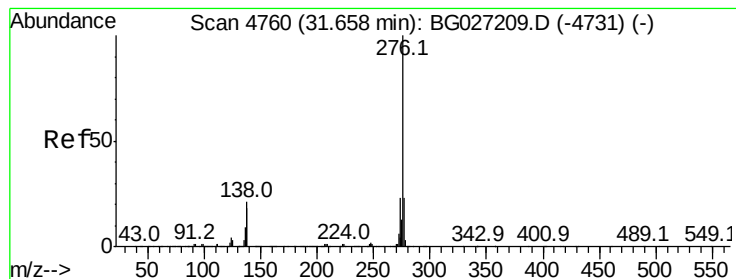
Tot Ion:252 Resp: 1112112
Ion Ratio Lower Upper
252 100
253 23.2 19.2 28.8
125 11.5 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.60 ng
RT: 30.39 min Scan# 4545
Delta R.T. -0.00 min
Lab File: BG027215.D
Acq: 5 Jun 2017 16:37

Tgt Ion:278 Resp: 1163353
Ion Ratio Lower Upper
278 100
139 15.0 7.7 11.5#
279 24.0 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 46.13 ng

RT: 31.66 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BG027215.D

Acq: 5 Jun 2017 16:37

Instrument :

BNA_G

ClientSampleId :

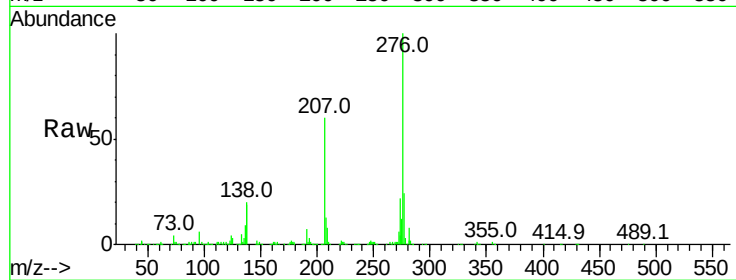
Tot Ion:276 Resp: 1115386

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	20.3	8.1	12.1

276 100

277 23.8 18.6 27.8

138 20.3 8.1 12.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

