

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027217.D
 Acq On : 5 Jun 2017 17:56
 Operator : SJ/MA
 Sample : PB99459BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

Quant Time: Jun 06 04:02:34 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	8.58	152	49201	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	250358	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	174699	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	416578	20.00	ng	0.00
75) Chrysene-d12	22.31	240	426542	20.00	ng	0.00
86) Perylene-d12	26.01	264	400551	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	530121	164.42	ng	0.00
7) Phenol-d6	7.71	99	752122	158.91	ng	0.00
23) Nitrobenzene-d5	9.74	82	379713	95.38	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	359916	156.45	ng	0.00
44) 2-Fluorobiphenyl	13.79	172	1104193	88.42	ng	0.00
78) Terphenyl-d14	20.49	244	1542063	92.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	42935	32.11	ng	# 80
3) Pyridine	4.55	79	134808	32.71	ng	# 71
4) n-Nitrosodimethylamine	4.45	42	65171	42.71	ng	# 58
6) Aniline	7.90	93	227533	38.18	ng	# 91
8) 2-Chlorophenol	8.14	128	182425	53.58	ng	88
9) Benzaldehyde	7.72	77	95536	29.19	ng	81
10) Phenol	7.74	94	265115	54.78	ng	# 75
11) bis(2-Chloroethyl)ether	7.98	93	171125	43.10	ng	84
12) 1,3-Dichlorobenzene	8.46	146	160044	41.68	ng	# 90
13) 1,4-Dichlorobenzene	8.61	146	165937	42.11	ng	96
14) 1,2-Dichlorobenzene	8.93	146	163803	42.61	ng	91
15) Benzyl Alcohol	8.80	79	177591	53.26	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	250375	44.07	ng	91
17) 2-Methylphenol	8.99	107	180980	52.90	ng	# 86
18) Hexachloroethane	9.66	117	56330	42.43	ng	86
19) n-Nitroso-di-n-propylamine	9.37	70	149816	45.25	ng	# 83
20) 3+4-Methylphenols	9.31	107	249058	52.55	ng	87
22) Acetophenone	9.39	105	282296	44.09	ng	# 82
24) Nitrobenzene	9.78	77	203282	44.82	ng	# 85
25) Isophorone	10.31	82	423163	45.21	ng	# 96
26) 2-Nitrophenol	10.49	139	85294	45.98	ng	# 76
27) 2,4-Dimethylphenol	10.53	122	214344	53.26	ng	90
28) bis(2-Chloroethoxy)methane	10.77	93	271049	44.72	ng	99
29) 2,4-Dichlorophenol	11.03	162	196807	53.56	ng	97
30) 1,2,4-Trichlorobenzene	11.25	180	176653	43.42	ng	98
31) Naphthalene	11.45	128	582922	42.60	ng	99
32) Benzoic acid	10.66	122	134357	48.22	ng	# 81
33) 4-Chloroaniline	11.54	127	110436	19.37	ng	# 87
34) Hexachlorobutadiene	11.72	225	102585	41.03	ng	97
35) Caprolactam	12.33	113	32885	26.10	ng	# 71
36) 4-Chloro-3-methylphenol	12.61	107	242665	52.69	ng	91
37) 2-Methylnaphthalene	13.01	142	446714	44.76	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	222992	40.97	ng	97
40) Hexachlorocyclopentadiene	13.35	237	290206	100.19	ng	94

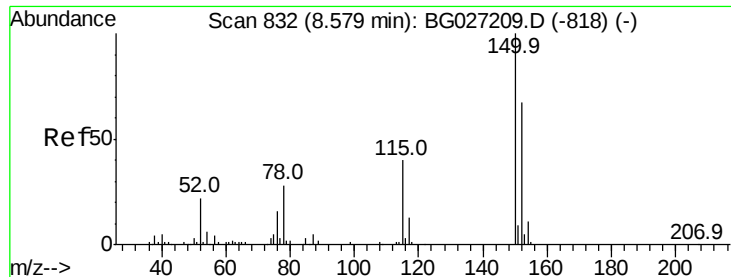
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	164400	49.80	nq	95
43) 2,4,5-Trichlorophenol	13.66	196	177613	48.08	nq	94
45) 1,1'-Biphenyl	13.99	154	615575	43.17	nq	97
46) 2-Chloronaphthalene	14.05	162	459920	43.02	nq	99
47) 2-Nitroaniline	14.23	65	138737	45.97	nq	# 74
48) Acenaphthylene	14.89	152	764590	42.26	nq	98
49) Dimethylphthalate	14.60	163	655570	47.30	nq	98
50) 2,6-Dinitrotoluene	14.72	165	131457	46.85	nq	# 77
51) Acenaphthene	15.22	154	547357	46.51	nq	99
52) 3-Nitroaniline	15.05	138	80323	29.67	nq	85
53) 2,4-Dinitrophenol	15.25	184	133420	92.06	nq	97
54) Dibenzofuran	15.56	168	768242	46.71	nq	91
55) 4-Nitrophenol	15.33	139	244944	92.53	nq	# 53
56) 2,4-Dinitrotoluene	15.50	165	182045	50.17	nq	# 85
57) Fluorene	16.20	166	633433	43.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.77	232	181232	54.96	nq	99
59) Diethylphthalate	15.96	149	671921	48.61	nq	98
60) 4-Chlorophenyl-phenylether	16.18	204	331099	45.00	nq	94
61) 4-Nitroaniline	16.21	138	141646	47.47	nq	# 65
62) Azobenzene	16.48	77	637989	49.80	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	95610	50.64	nq	92
65) n-Nitrosodiphenylamine	16.40	169	580429	44.44	nq	99
66) 4-Bromophenyl-phenylether	17.08	248	220012	44.62	nq	95
67) Hexachlorobenzene	17.21	284	233425	44.02	nq	91
68) Atrazine	17.34	200	210341	48.16	nq	95
69) Pentachlorophenol	17.55	266	292355	94.05	nq	97
70) Phenanthrene	17.95	178	1026604	43.80	nq	96
71) Anthracene	18.04	178	1048065	44.64	nq	98
72) Carbazole	18.31	167	904576	40.84	nq	96
73) Di-n-butylphthalate	18.84	149	1014192	47.23	nq	# 94
74) Fluoranthene	19.94	202	1089278	43.50	nq	95
76) Benzidine	20.11	184	372580	29.00	nq	97
77) Pyrene	20.30	202	1124433	43.63	nq	98
79) Butylbenzylphthalate	21.20	149	428905	47.10	nq	91
80) Benzo(a)anthracene	22.28	228	1081797	44.47	nq	95
81) 3,3'-Dichlorobenzidine	22.17	252	223771	23.65	nq	# 99
82) Chrysene	22.36	228	1015841	43.50	nq	97
83) Bis(2-ethylhexyl)phthalate	22.15	149	623620	45.32	nq	99
84) Di-n-octyl phthalate	23.55	149	1067112	46.82	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.29	276	1284038	45.40	nq	# 94
87) Benzo(b)fluoranthene	24.83	252	1094138	44.04	nq	# 96
88) Benzo(k)fluoranthene	24.90	252	1092088	44.81	nq	# 93
89) Benzo(a)pyrene	25.84	252	1064161	45.51	nq	# 94
90) Dibenzo(a,h)anthracene	30.37	278	1097495	44.83	nq	# 94
91) Benzo(g,h,i)perylene	31.64	276	1054972	44.50	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.58 min Scan# 832

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

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PB99459BS

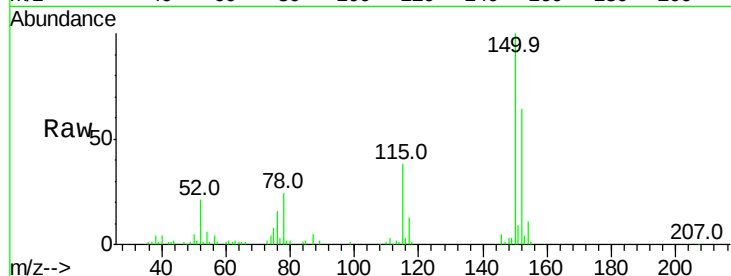
Tot Ion:152 Resp: 49201

Ion Ratio Lower Upper

152 100

150 157.0 114.0 171.0

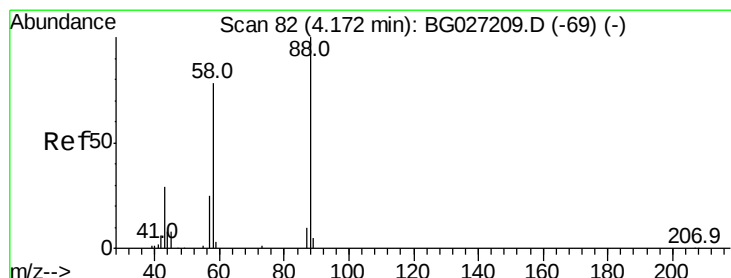
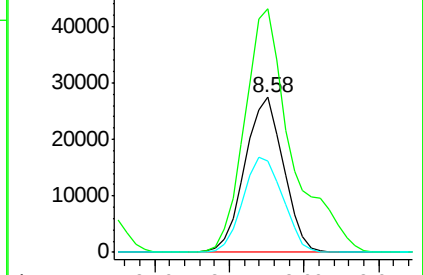
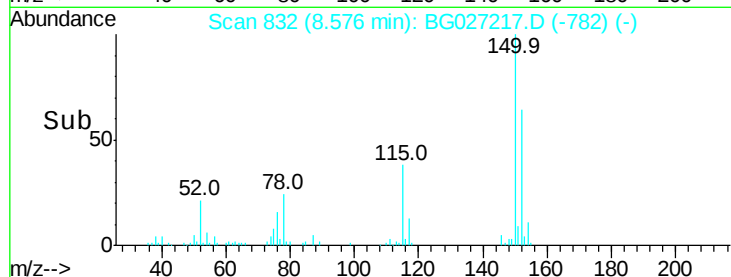
115 59.2 48.1 72.1



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: 32.11 ng

RT: 4.16 min Scan# 81

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

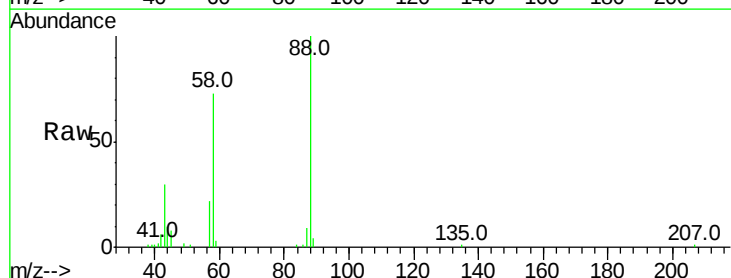
Tgt Ion: 88 Resp: 42935

Ion Ratio Lower Upper

88 100

58 78.6 79.4 119.2#

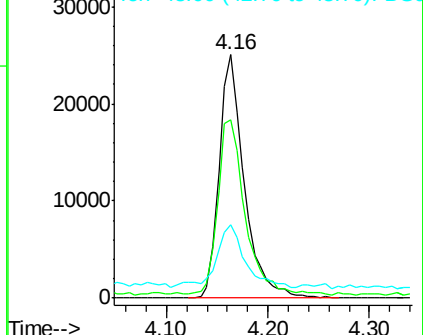
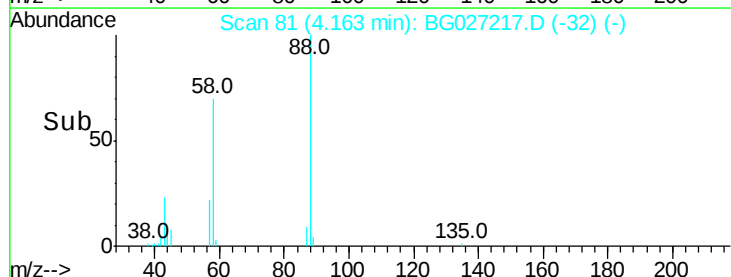
43 30.2 33.8 50.6#



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: 32.71 ng

RT: 4.55 min Scan# 146

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

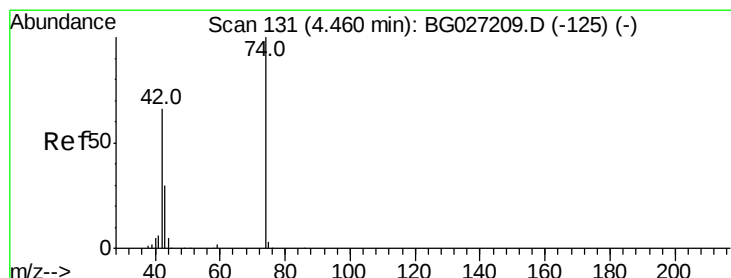
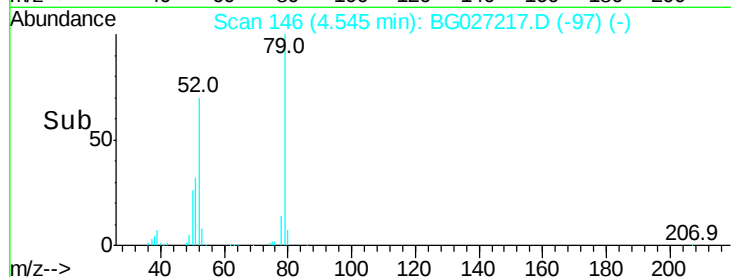
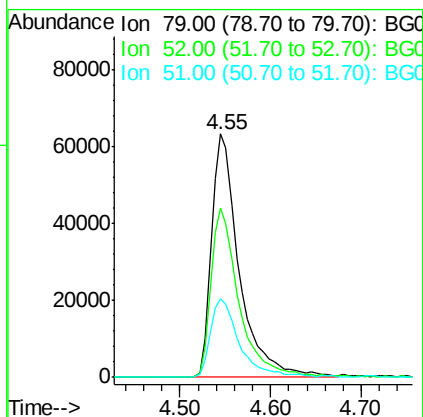
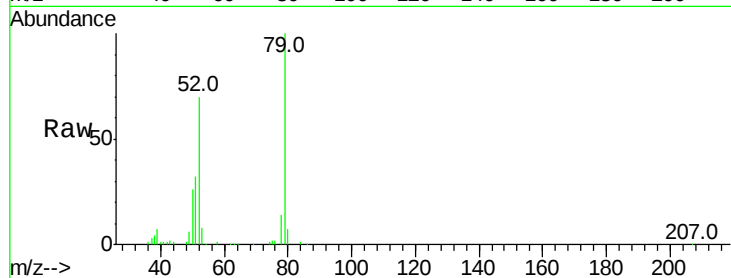
Tot Ion: 79 Resp: 134808

Ion Ratio Lower Upper

79 100

52 69.7 77.8 116.6#

51 32.1 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 42.71 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

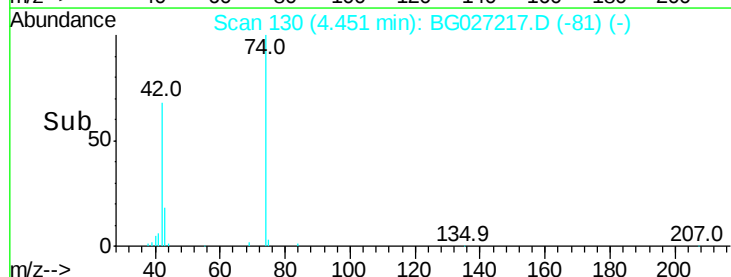
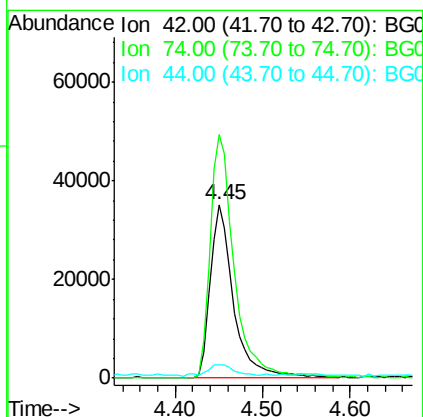
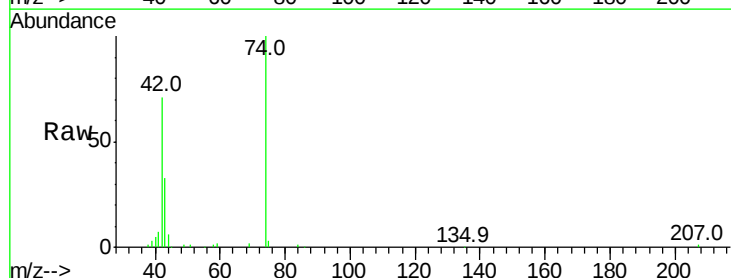
Tgt Ion: 42 Resp: 65171

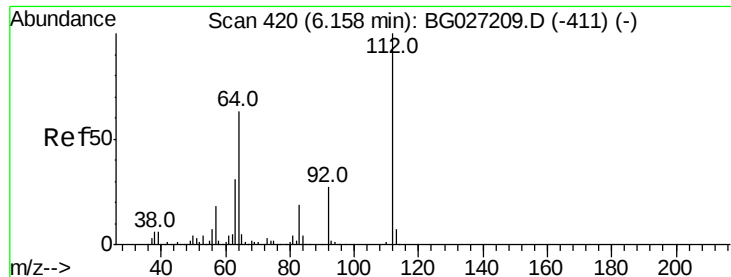
Ion Ratio Lower Upper

42 100

74 140.1 76.7 115.1#

44 7.7 6.1 9.1





#5

2-Fluorophenol

Concen: 164.42 ng

RT: 6.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

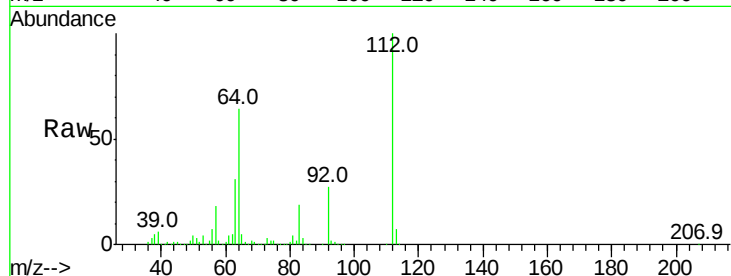
Tot Ion:112 Resp: 530121

Ion Ratio Lower Upper

112 100

64 63.7 61.8 92.6

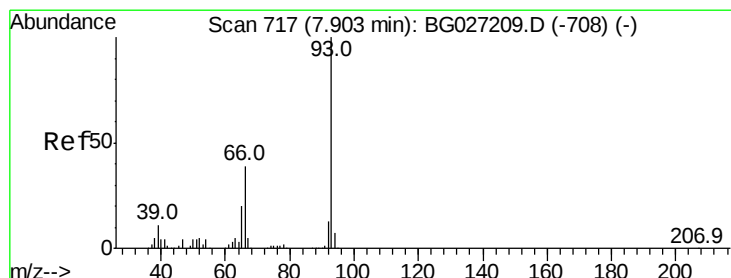
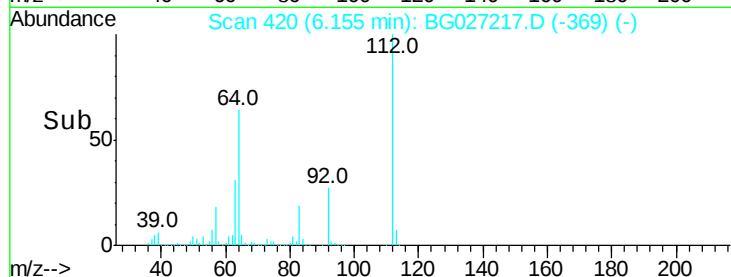
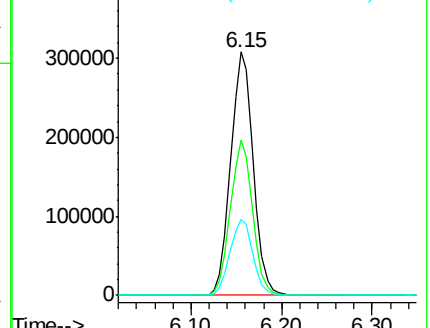
63 31.4 37.2 55.8#



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: 38.18 ng

RT: 7.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

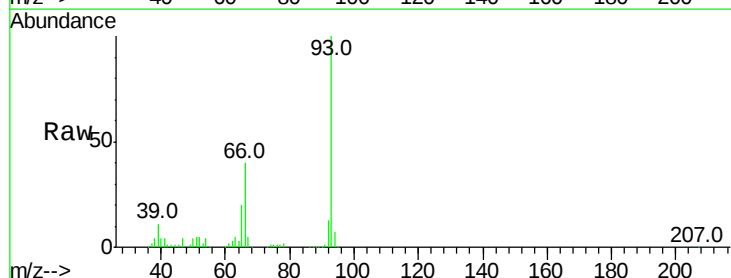
Tgt Ion: 93 Resp: 227533

Ion Ratio Lower Upper

93 100

66 40.2 35.4 53.2

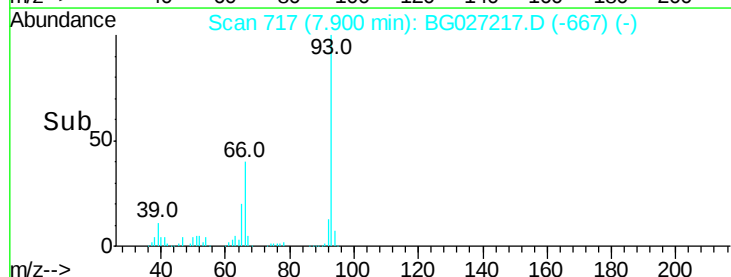
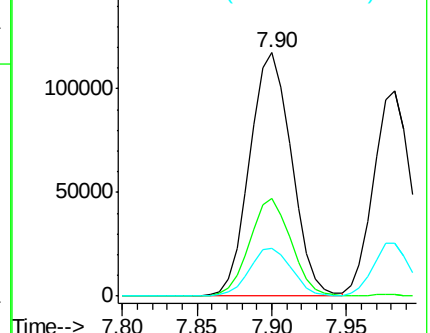
65 19.8 21.2 31.8#

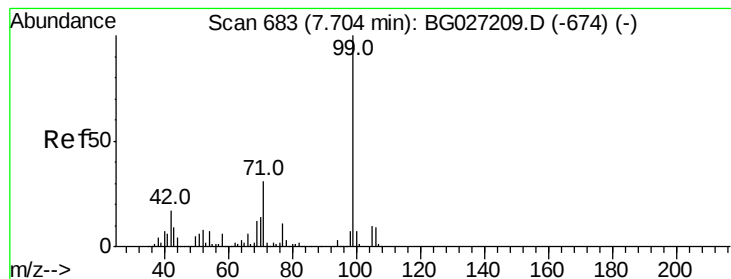


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.91 ng

RT: 7.71 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

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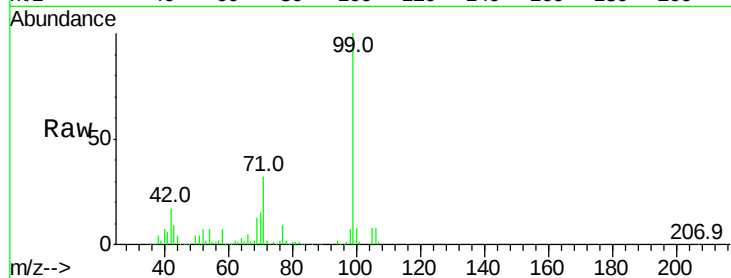
Tot Ion: 99 Resp: 752122

Ion Ratio Lower Upper

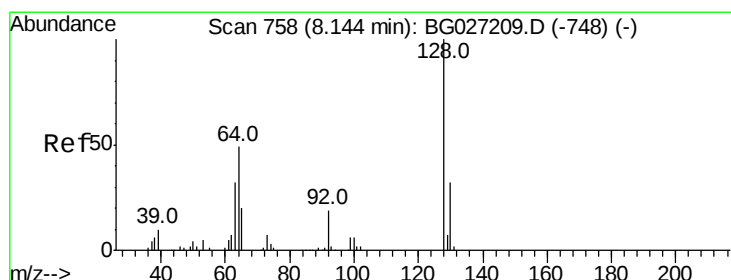
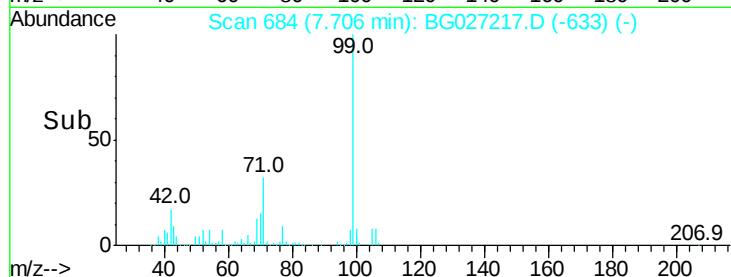
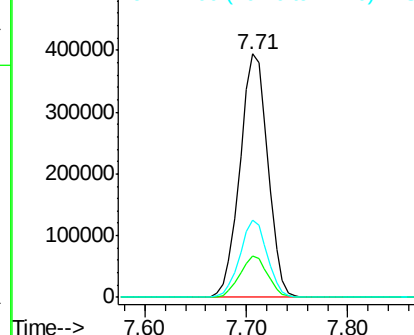
99 100

42 16.7 20.5 30.7#

71 31.7 37.6 56.4#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.58 ng

RT: 8.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

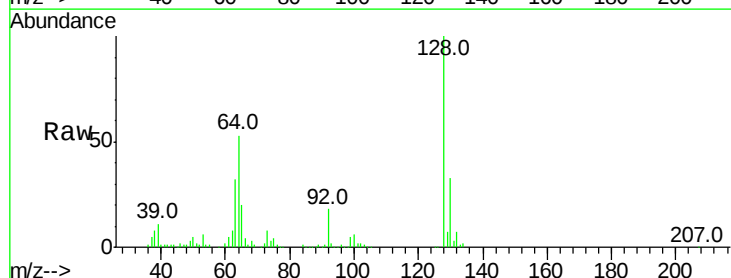
Tgt Ion:128 Resp: 182425

Ion Ratio Lower Upper

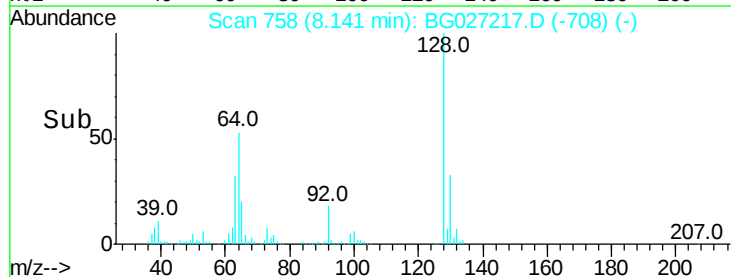
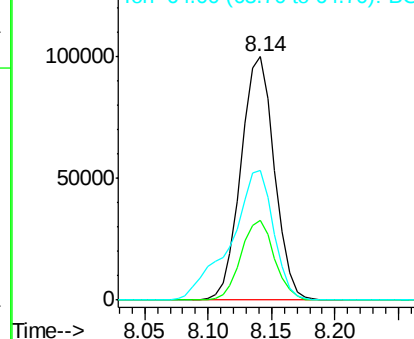
128 100

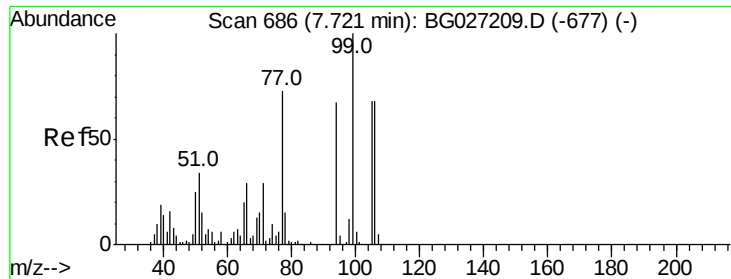
130 32.7 11.4 51.4

64 53.3 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.19 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

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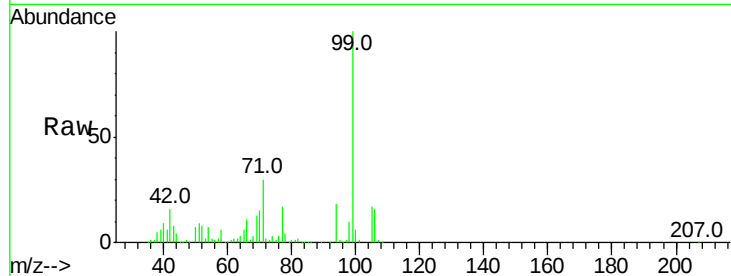
Tot Ion: 77 Resp: 95536

Ion Ratio Lower Upper

77 100

105 96.0 60.9 100.9

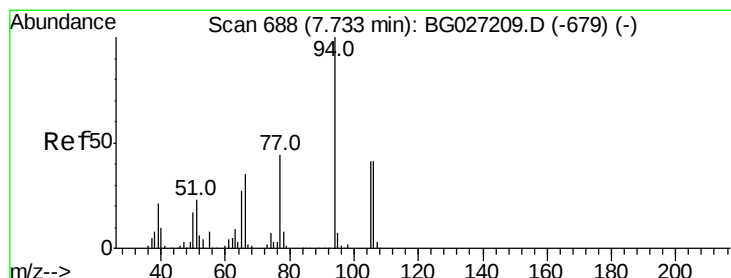
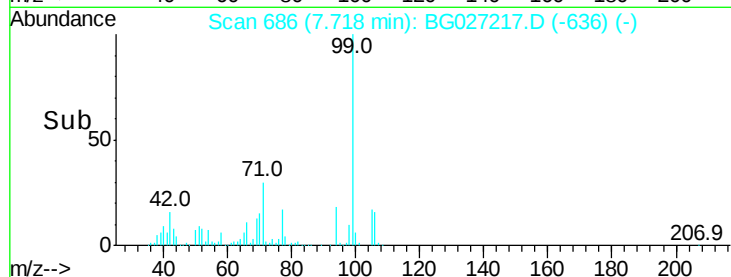
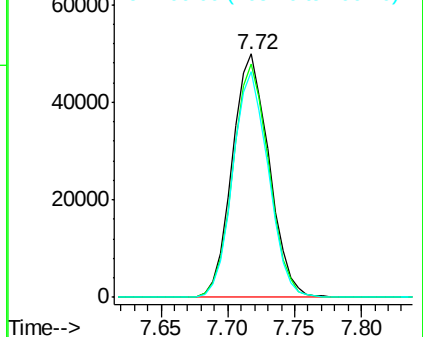
106 92.8 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.78 ng

RT: 7.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

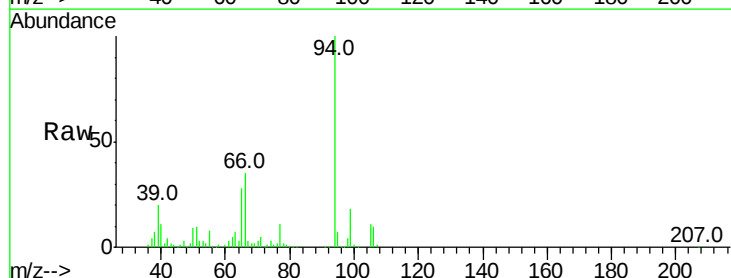
Tgt Ion: 94 Resp: 265115

Ion Ratio Lower Upper

94 100

65 27.5 20.6 60.6

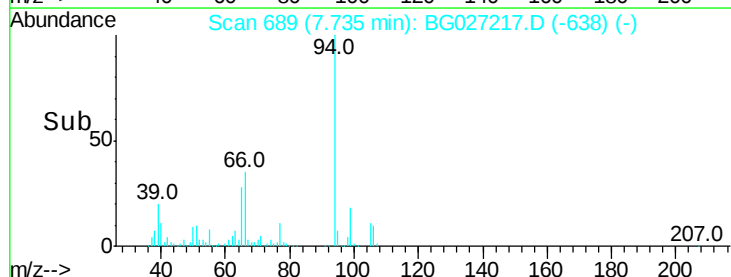
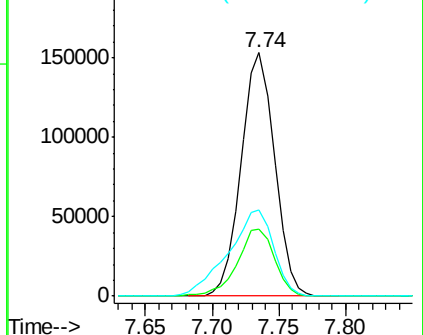
66 35.1 35.5 75.5#

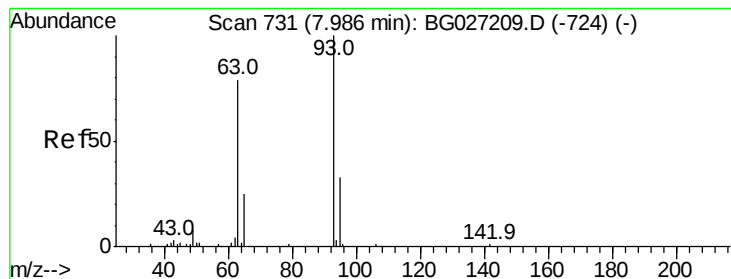


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

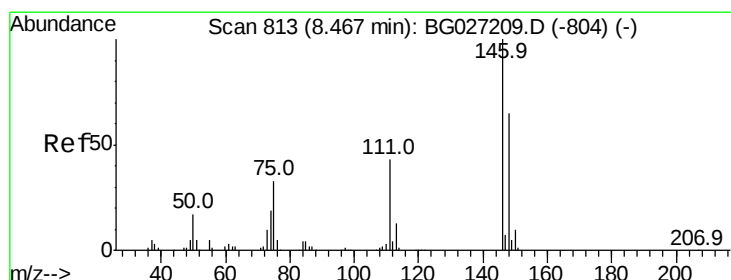
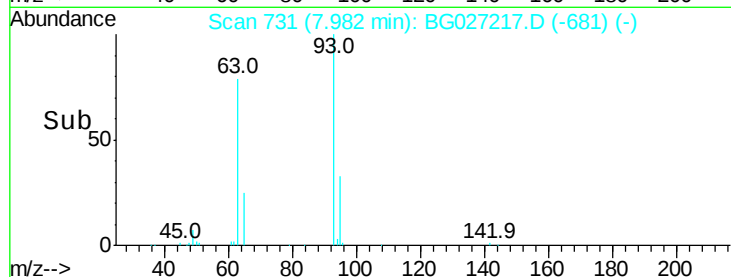
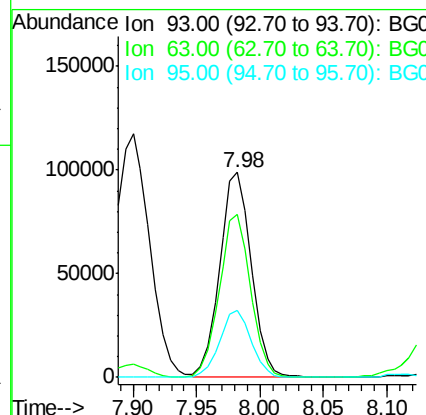
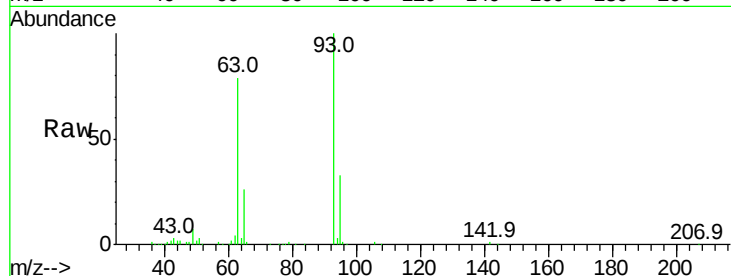




#11
bis(2-Chloroethyl)ether
Concen: 43.10 ng
RT: 7.98 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

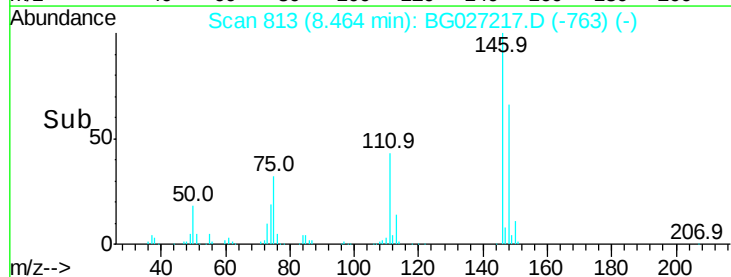
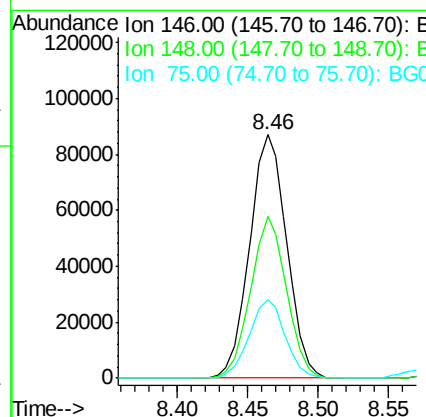
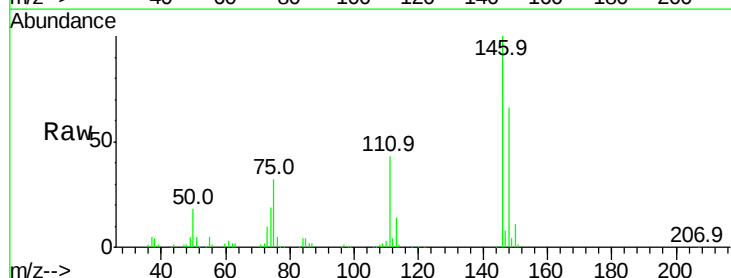
Instrument :
BNA_G
ClientSampleId :
PB99459BS

Tot Ion: 93 Resp: 171125
Ion Ratio Lower Upper
93 100
63 79.4 78.5 118.5
95 32.9 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 41.68 ng
RT: 8.46 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion: 146 Resp: 160044
Ion Ratio Lower Upper
146 100
148 66.3 49.2 73.8
75 32.2 33.4 50.2#

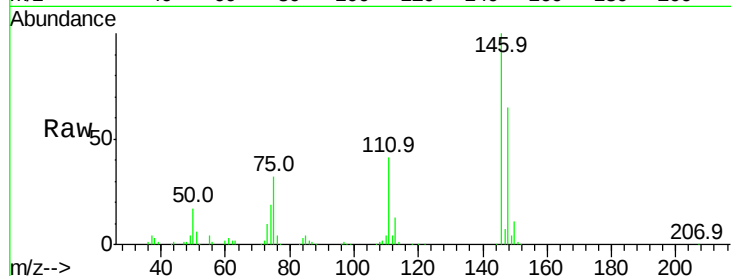




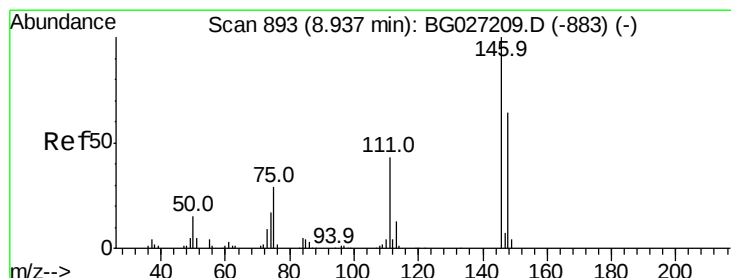
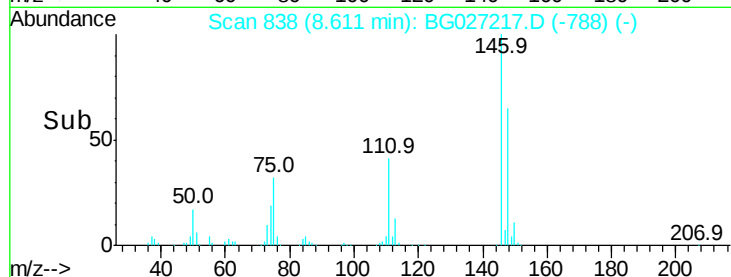
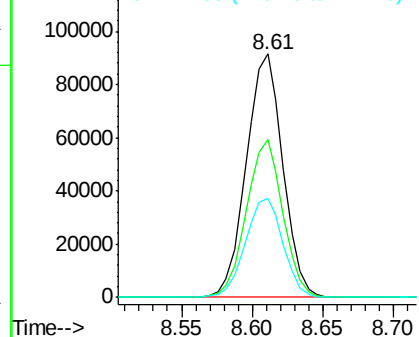
#13
1,4-Dichlorobenzene
Concen: 42.11 ng
RT: 8.61 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Instrument :
BNA_G
ClientSampleId :
PB99459BS

Tot Ion:146 Resp: 165937
Ion Ratio Lower Upper
146 100
148 64.8 52.2 78.2
111 40.9 37.0 55.6

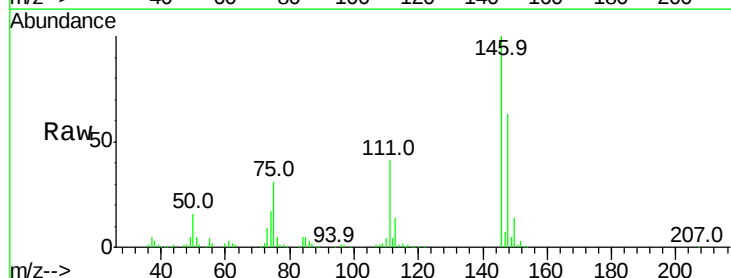


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

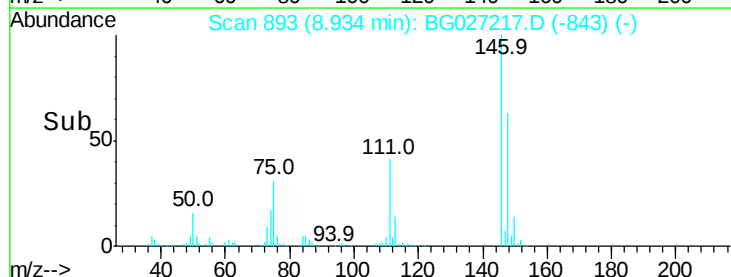
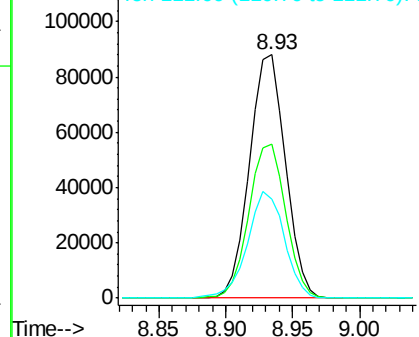


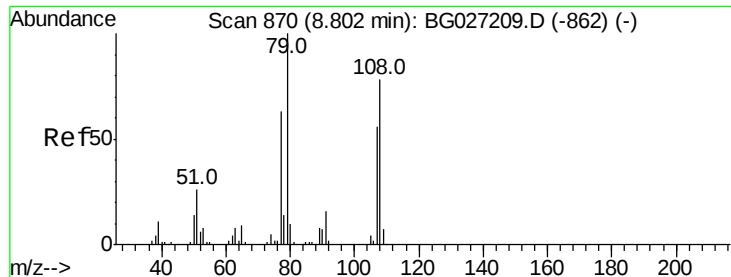
#14
1,2-Dichlorobenzene
Concen: 42.61 ng
RT: 8.93 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:146 Resp: 163803
Ion Ratio Lower Upper
146 100
148 63.1 54.6 81.8
111 40.7 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: 53.26 ng

RT: 8.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

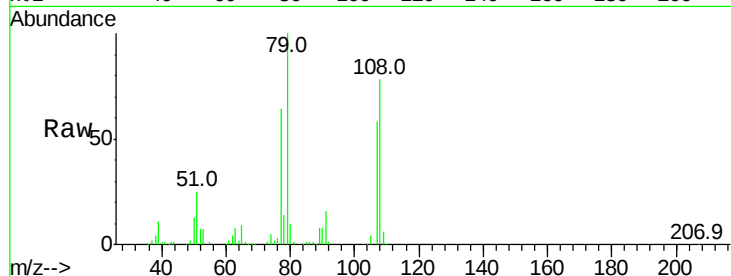
Tot Ion: 79 Resp: 177591

Ion Ratio Lower Upper

79 100

108 77.9 45.5 68.3#

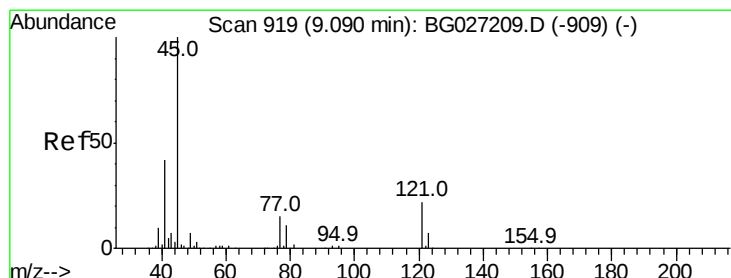
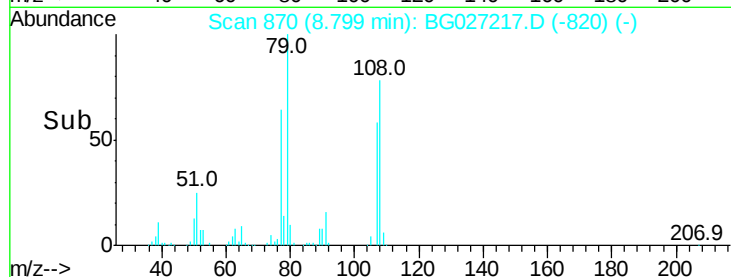
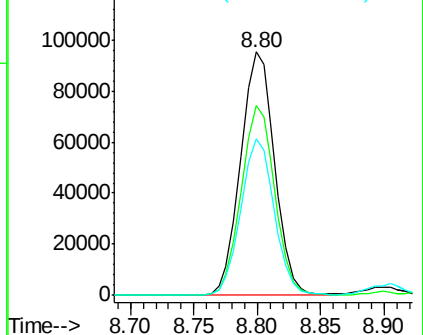
77 64.4 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.07 ng

RT: 9.08 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

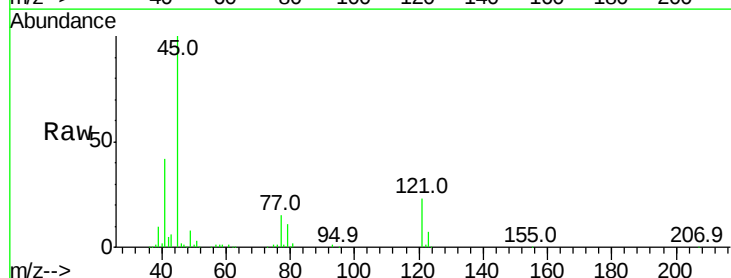
Tgt Ion: 45 Resp: 250375

Ion Ratio Lower Upper

45 100

77 14.6 0.0 30.6

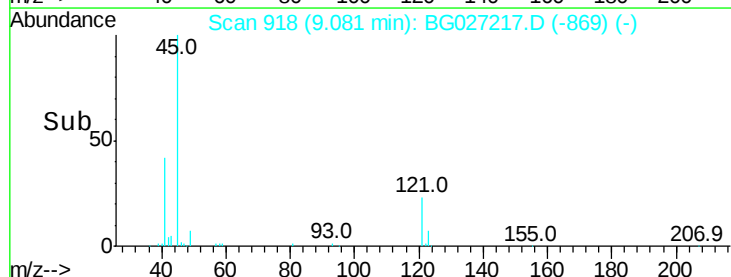
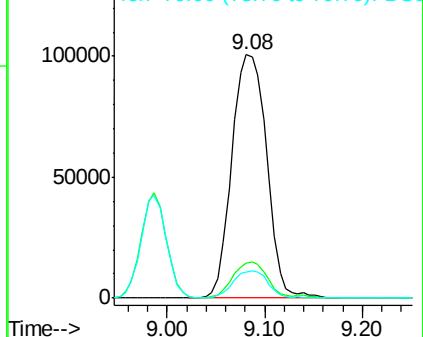
79 10.6 0.0 28.5

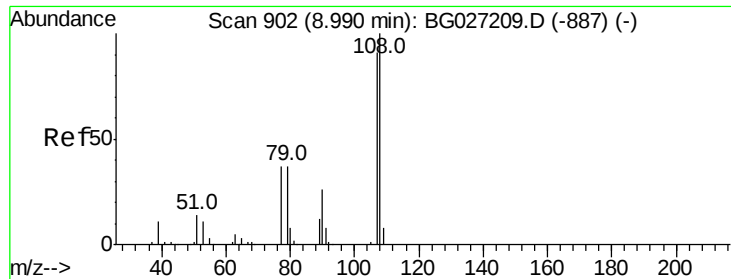


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 52.90 ng

RT: 8.99 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

Tot Ion:107 Resp: 180980

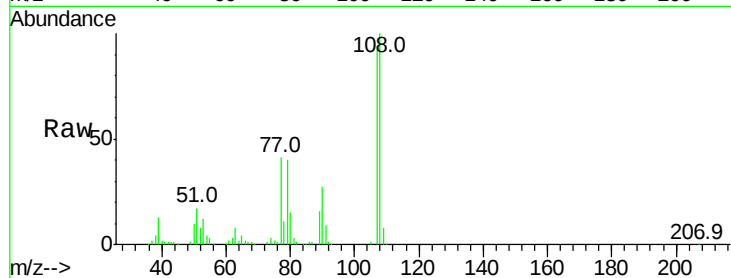
Ion Ratio Lower Upper

107 100

108 106.9 85.6 128.4

77 43.4 51.4 77.2#

79 42.3 49.2 73.8#



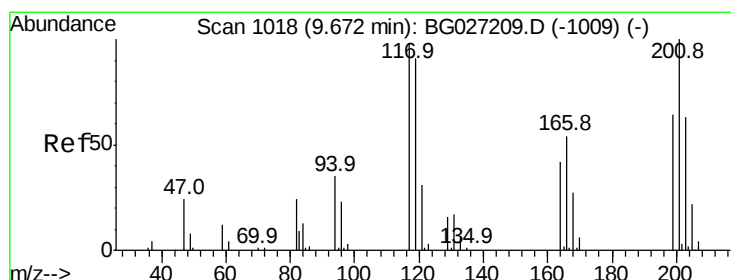
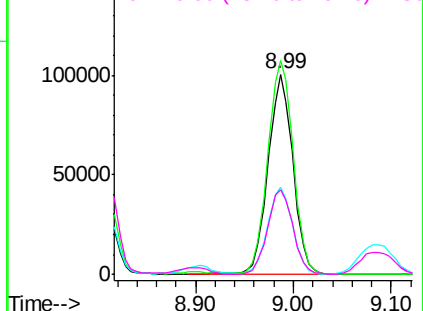
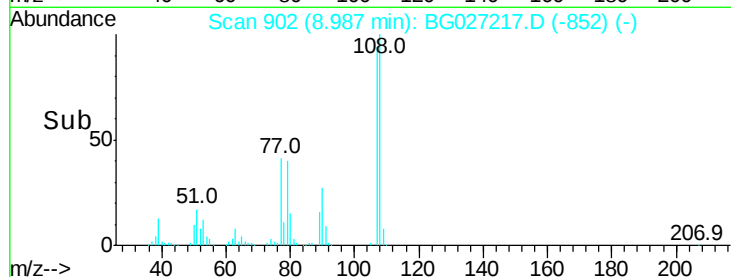
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.43 ng

RT: 9.66 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

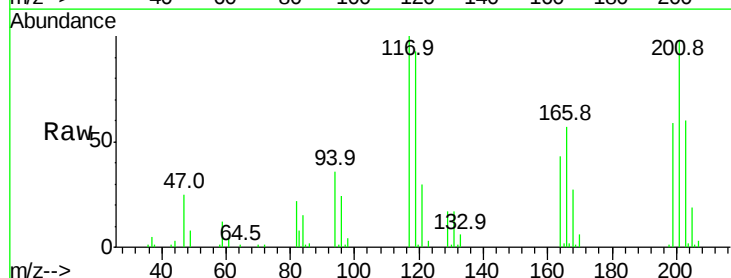
Tgt Ion:117 Resp: 56330

Ion Ratio Lower Upper

117 100

119 93.1 69.8 104.6

201 97.8 95.4 143.0

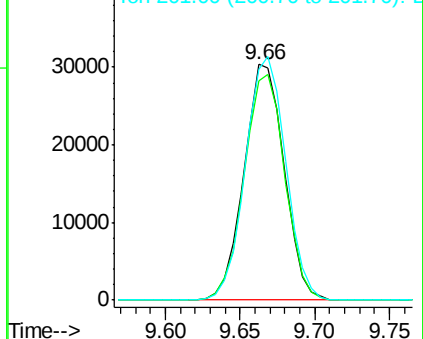
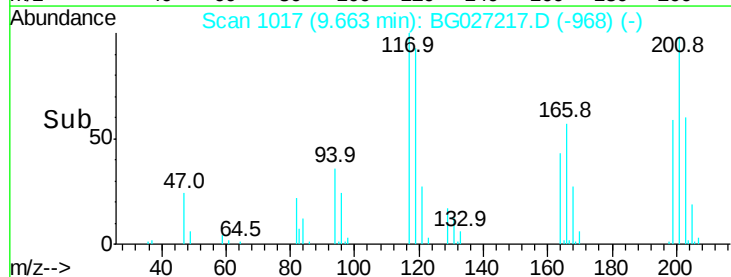


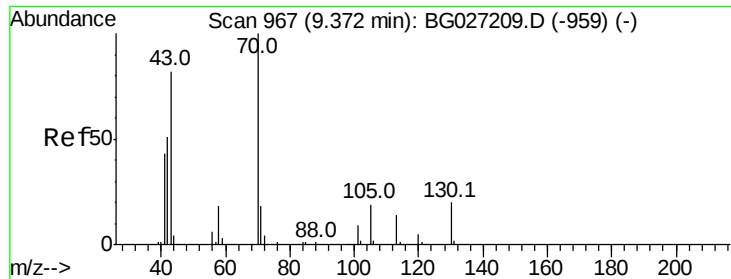
Abundance

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

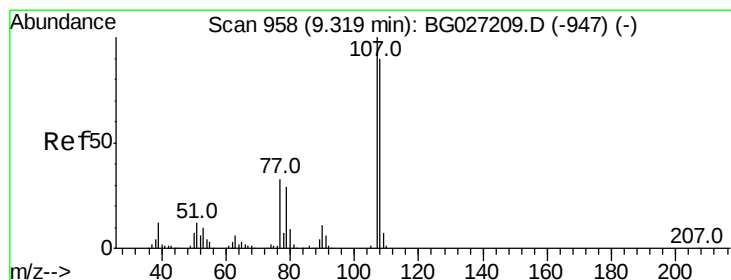
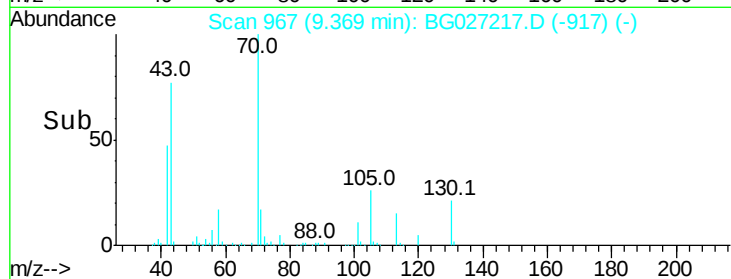
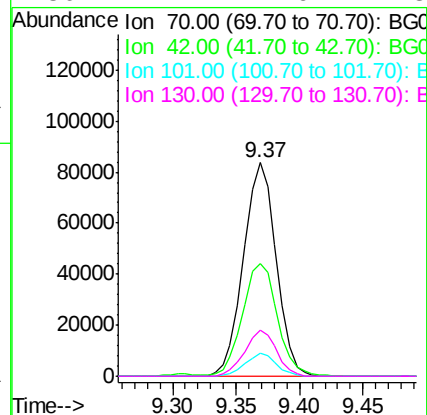
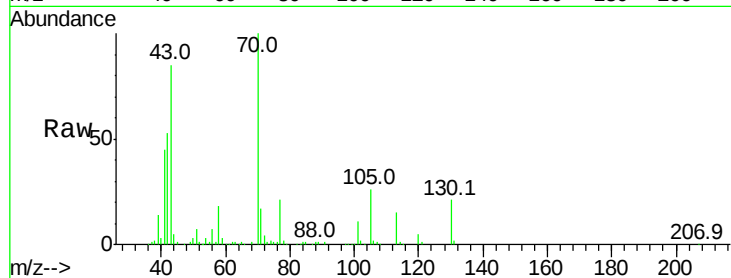




#19
n-Nitroso-di-n-propylamine
Concen: 45.25 ng
RT: 9.37 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

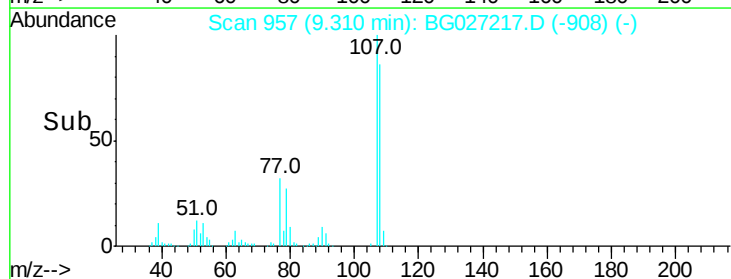
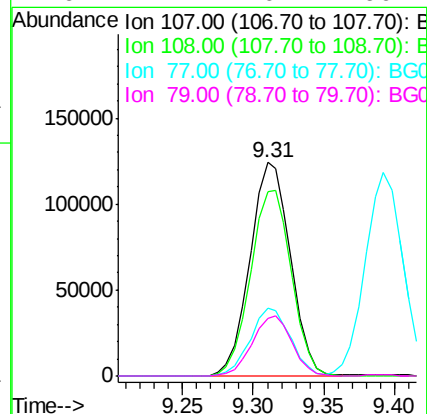
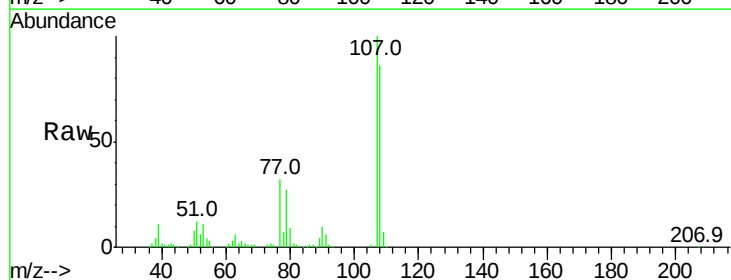
Instrument :
BNA_G
ClientSampleId :
PB99459BS

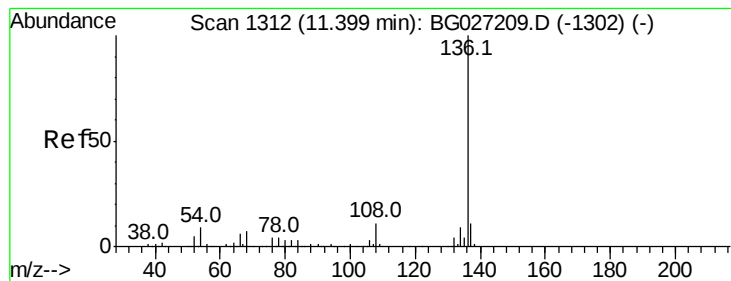
Tot Ion: 70 Resp: 149816
Ion Ratio Lower Upper
70 100
42 52.8 56.1 84.1#
101 10.8 7.5 11.3
130 21.4 14.6 21.8



#20
3+4-Methylphenols
Concen: 52.55 ng
RT: 9.31 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion: 107 Resp: 249058
Ion Ratio Lower Upper
107 100
108 86.3 70.8 110.8
77 31.9 25.8 65.8
79 27.2 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.40 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

Tot Ion:136 Resp: 250358

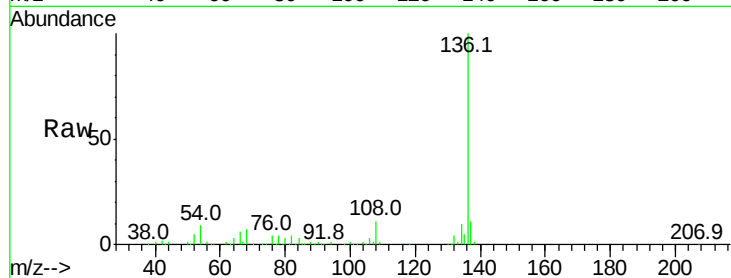
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.3 9.3 13.9

68 7.3 5.1 7.7

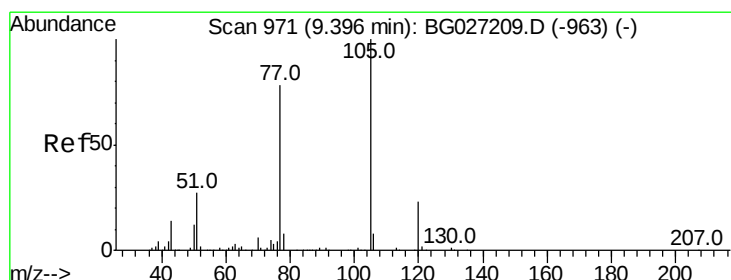
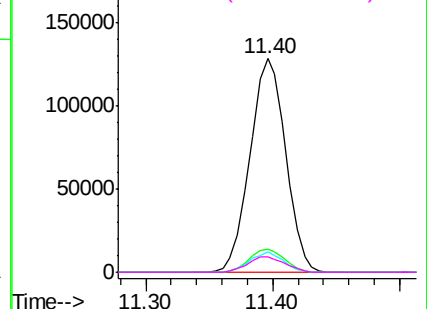
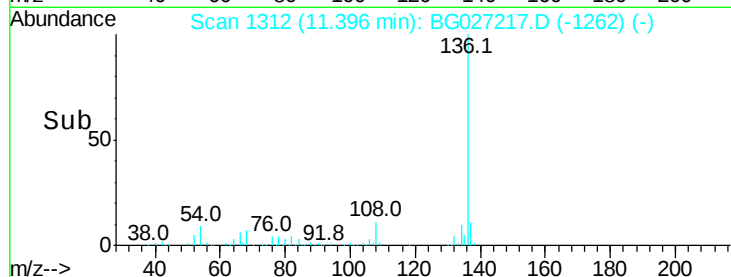


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 44.09 ng

RT: 9.39 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Tgt Ion:105 Resp: 282296

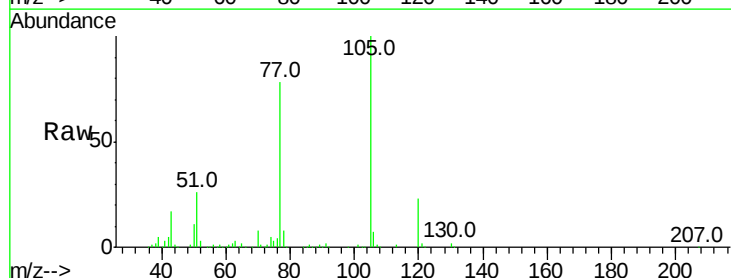
Ion Ratio Lower Upper

105 100

71 1.4 0.9 1.3#

51 26.3 34.0 51.0#

120 22.9 17.3 25.9

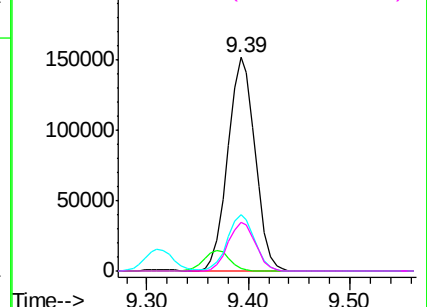
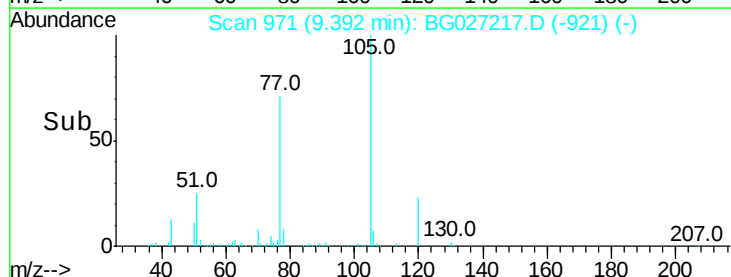


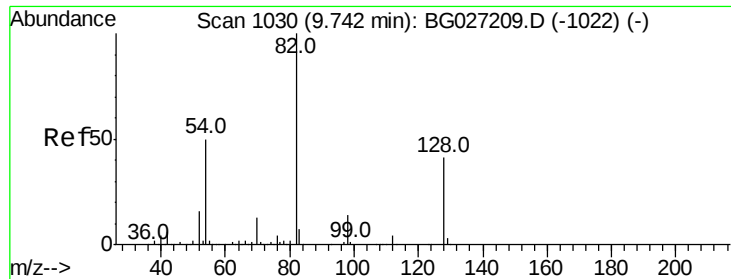
Abundance Ion 105.00 (104.70 to 105.70): E

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

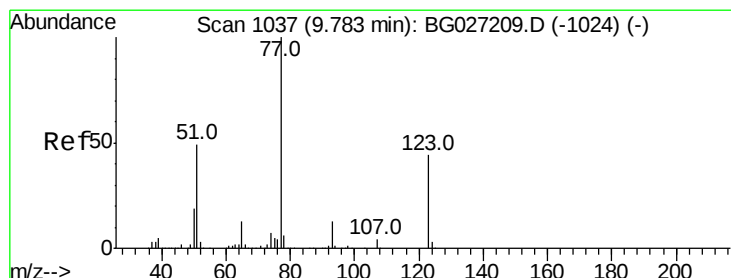
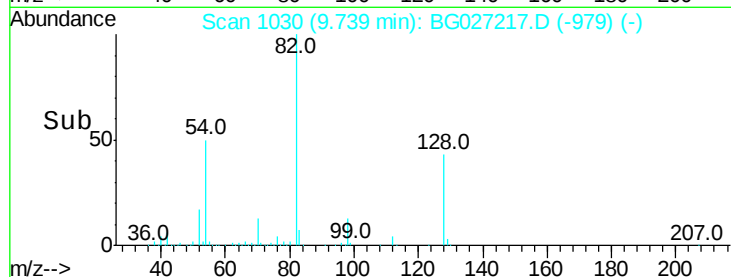
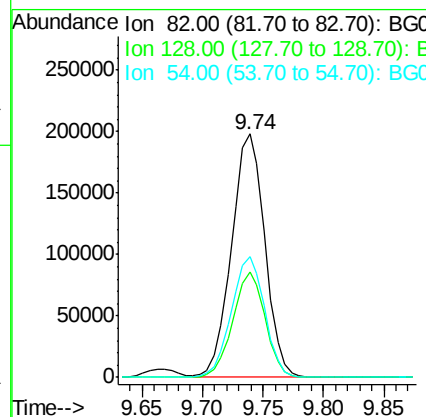
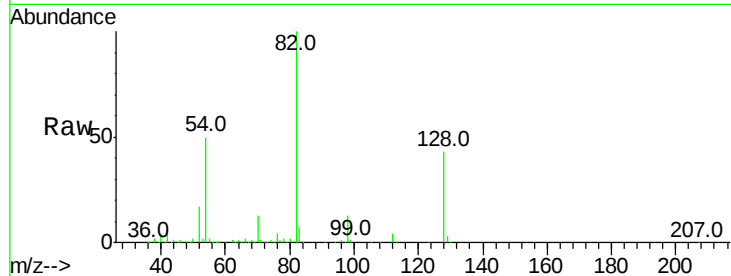




#23
 Nitrobenzene-d5
 Concen: 95.38 ng
 RT: 9.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

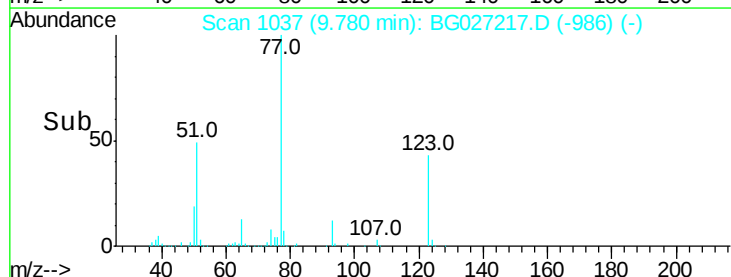
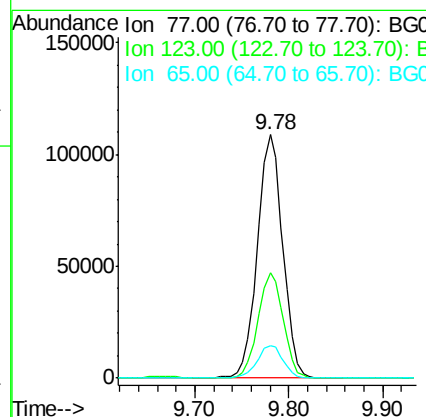
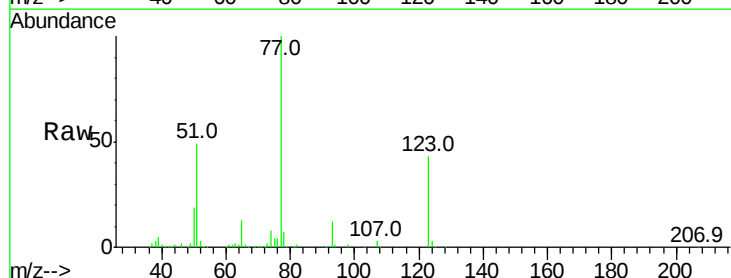
Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

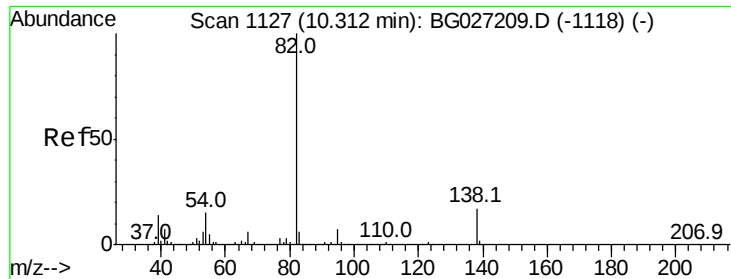
Tot Ion: 82 Resp: 379713
 Ion Ratio Lower Upper
 82 100
 128 43.1 26.4 39.6#
 54 49.9 49.4 74.2



#24
 Nitrobenzene
 Concen: 44.82 ng
 RT: 9.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion: 77 Resp: 203282
 Ion Ratio Lower Upper
 77 100
 123 43.1 26.1 39.1#
 65 13.1 12.4 18.6





#25

Isophorone

Concen: 45.21 ng

RT: 10.31 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

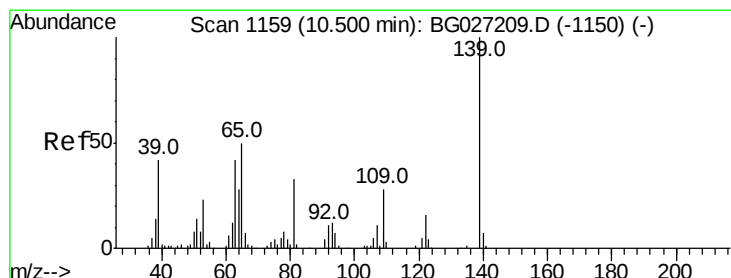
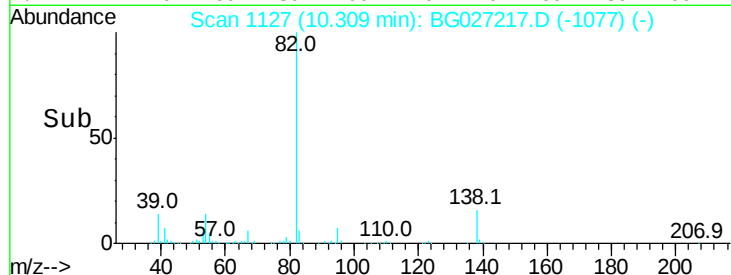
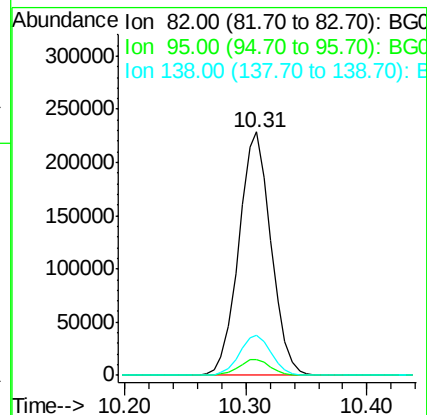
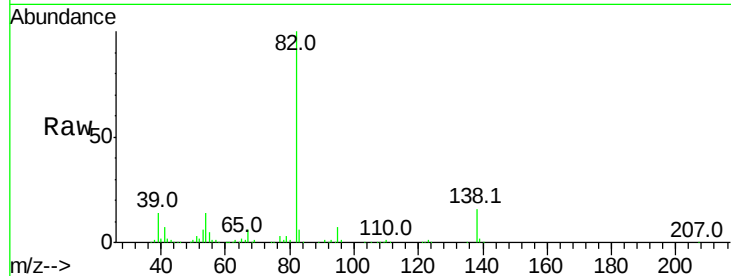
Tot Ion: 82 Resp: 423163

Ion Ratio Lower Upper

82 100

95 6.6 7.5 11.3#

138 16.3 12.3 18.5



#26

2-Nitrophenol

Concen: 45.98 ng

RT: 10.49 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

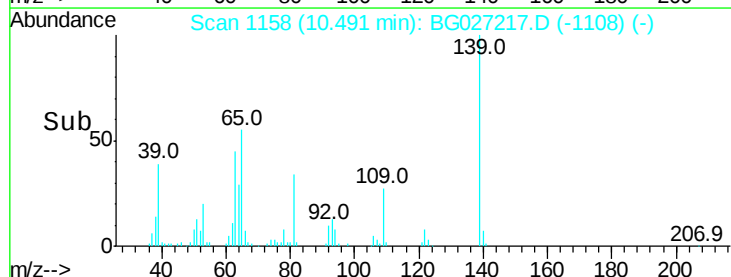
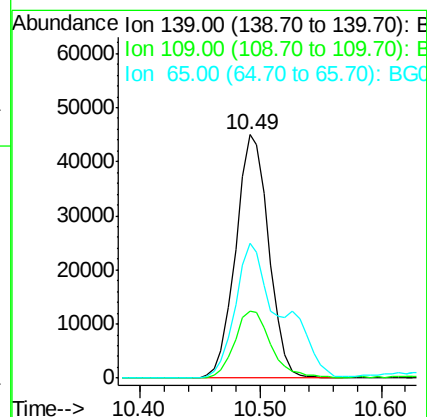
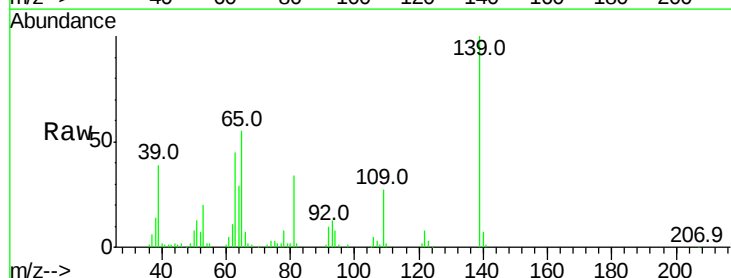
Tgt Ion: 139 Resp: 85294

Ion Ratio Lower Upper

139 100

109 27.4 38.6 58.0#

65 55.3 57.1 85.7#

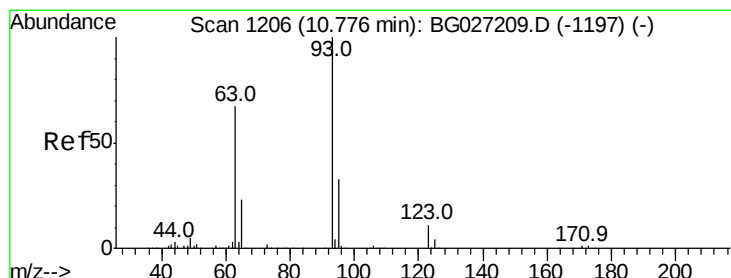
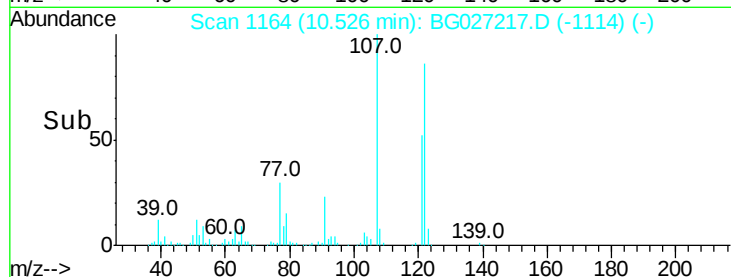
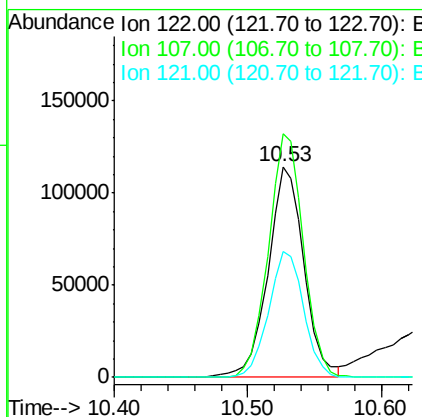
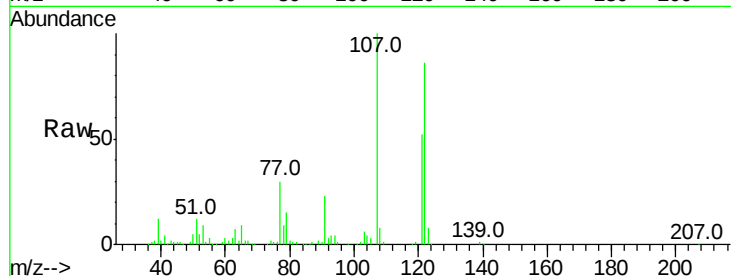




#27
 2,4-Dimethylphenol
 Concen: 53.26 ng
 RT: 10.53 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

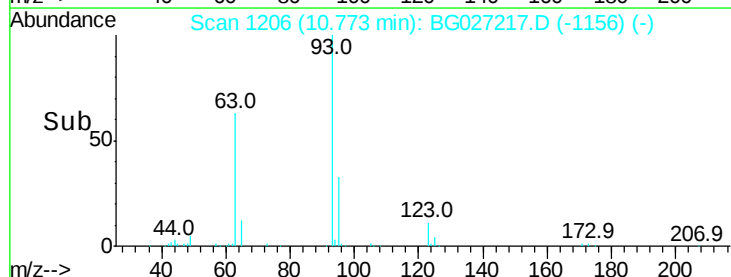
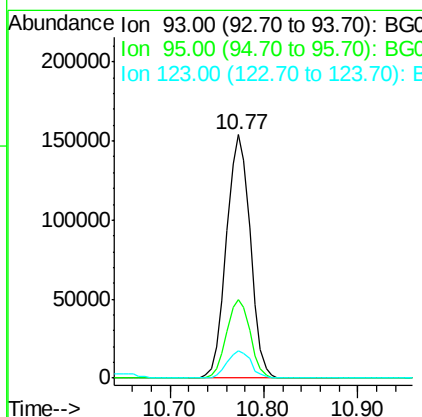
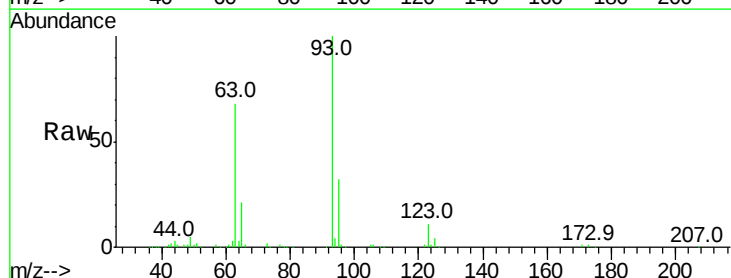
Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

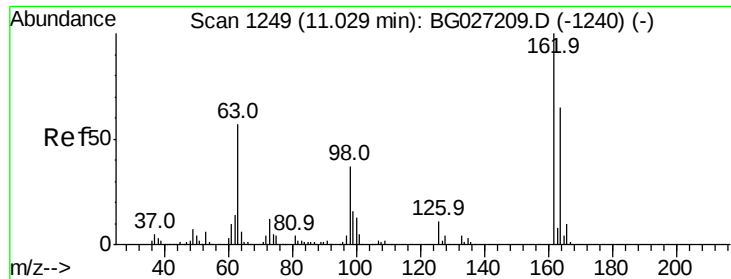
Tot Ion:122 Resp: 214344
 Ion Ratio Lower Upper
 122 100
 107 115.6 104.2 156.4
 121 60.0 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.72 ng
 RT: 10.77 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion: 93 Resp: 271049
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.7 38.5
 123 11.2 8.3 12.5

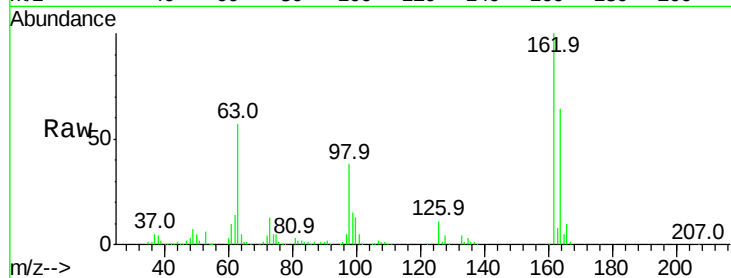




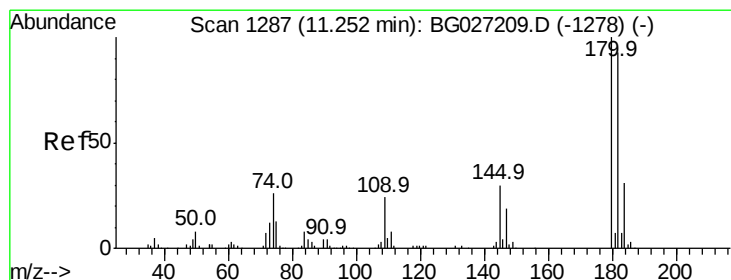
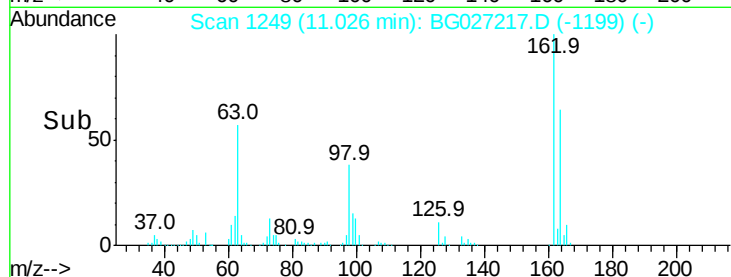
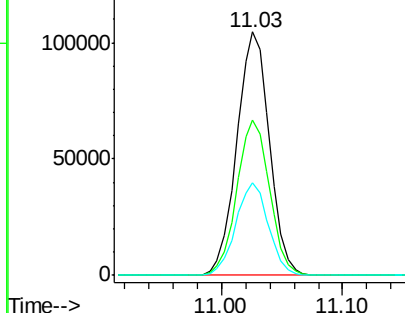
#29
2,4-Dichlorophenol
Concen: 53.56 ng
RT: 11.03 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Instrument :
BNA_G
ClientSampled :
PB99459BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.4	82.4
98	38.1	20.3	60.3

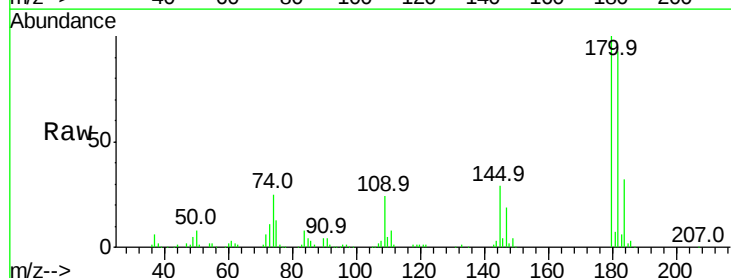


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

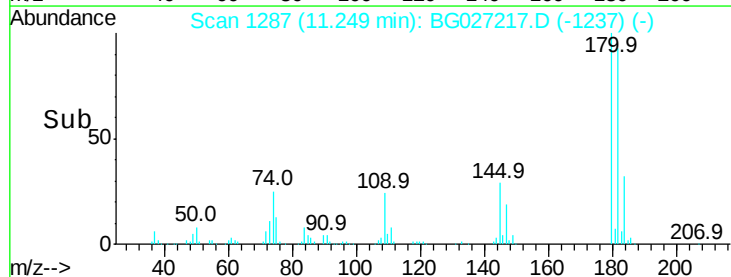
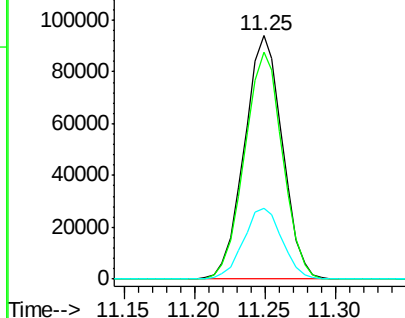


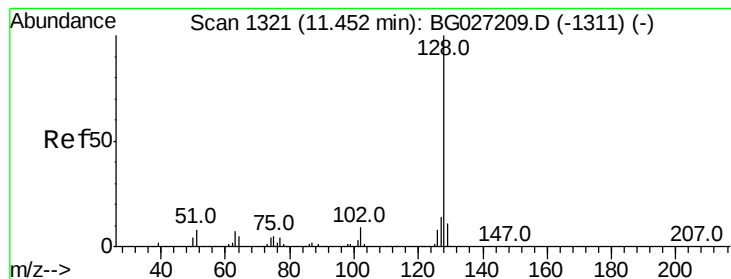
#30
1,2,4-Trichlorobenzene
Concen: 43.42 ng
RT: 11.25 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.0	115.4
145	29.0	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: 42.60 ng

RT: 11.45 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

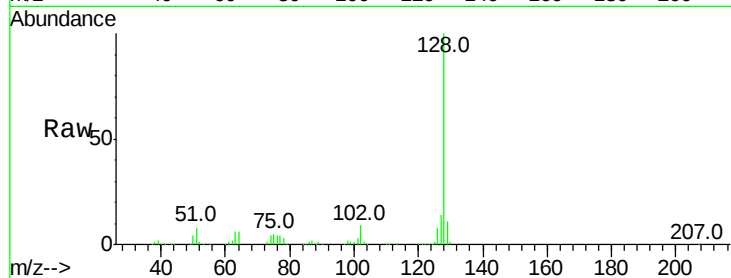
Tot Ion:128 Resp: 582922

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

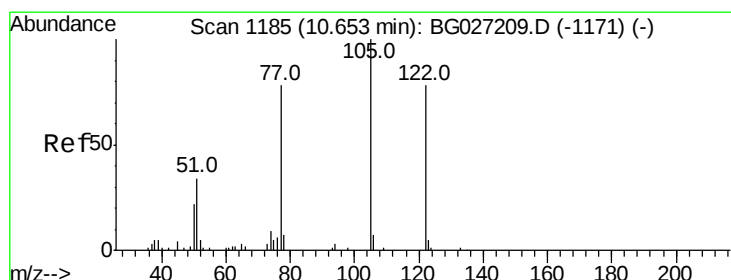
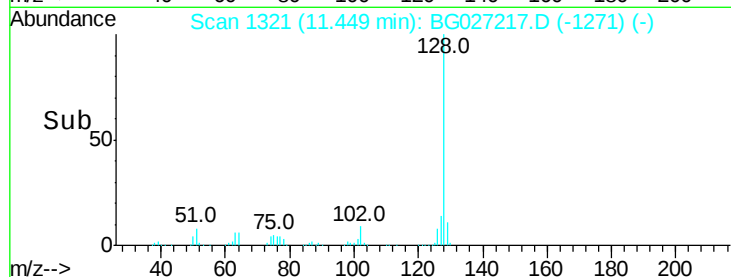
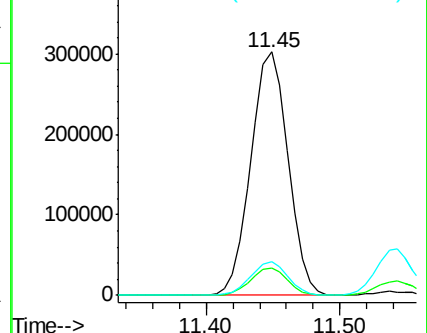
127 14.0 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.22 ng

RT: 10.66 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

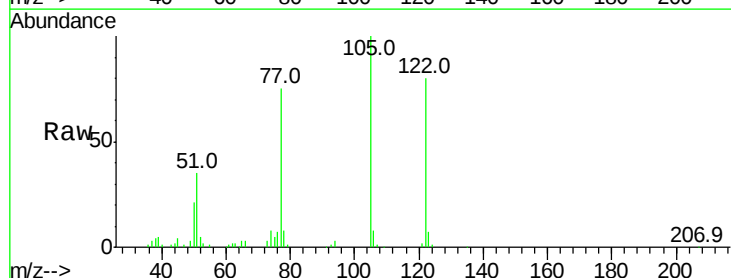
Tgt Ion:122 Resp: 134357

Ion Ratio Lower Upper

122 100

105 125.8 120.1 160.1

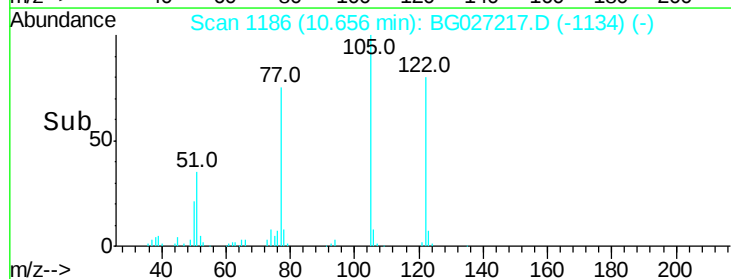
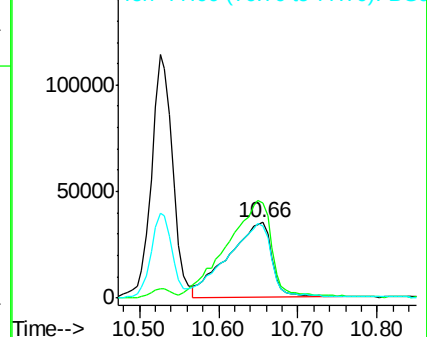
77 94.8 104.6 144.6#

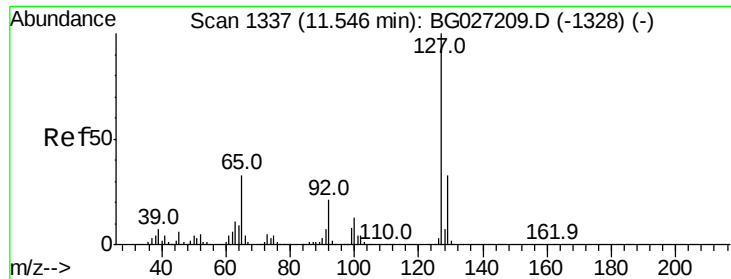


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

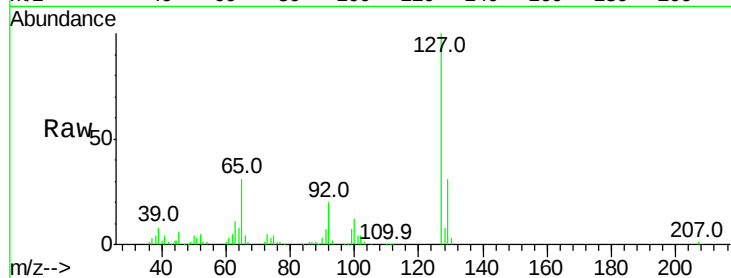




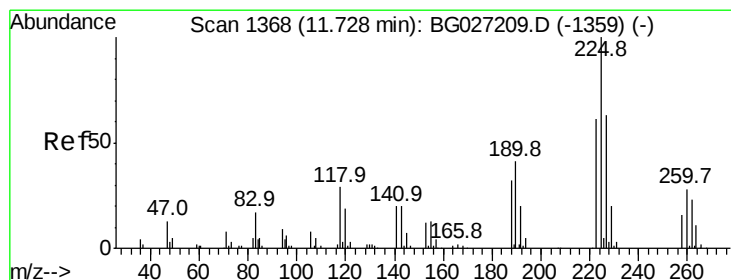
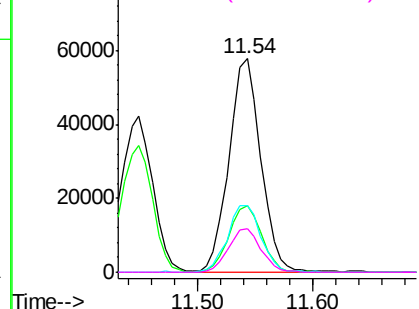
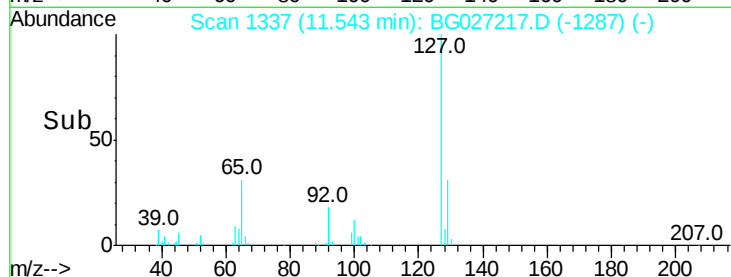
#33
4-Chloroaniline
Concen: 19.37 ng
RT: 11.54 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Instrument :
BNA_G
ClientSampleId :
PB99459BS

Tot Ion:	127	Resp:	110436
Ion	Ratio	Lower	Upper
127	100		
129	31.1	23.6	35.4
65	31.3	37.7	56.5#
92	20.2	17.6	26.4

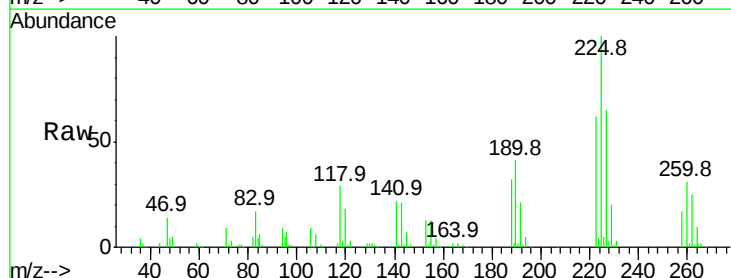


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

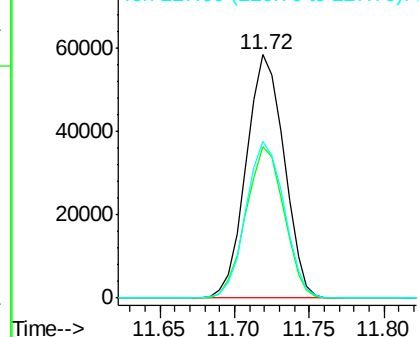
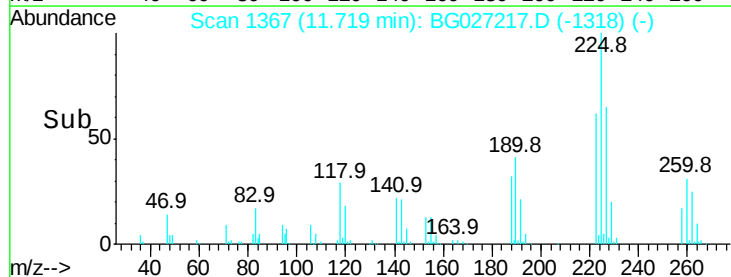


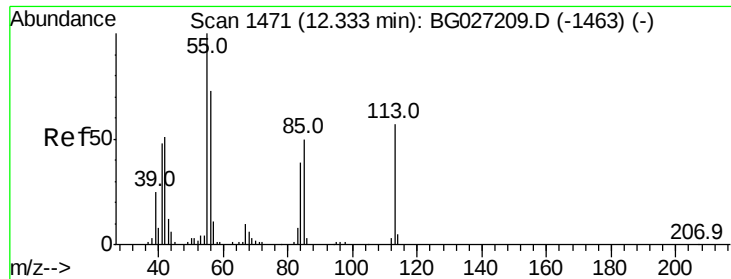
#34
Hexachlorobutadiene
Concen: 41.03 ng
RT: 11.72 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:	225	Resp:	102585
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	64.6	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: 26.10 ng

RT: 12.33 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

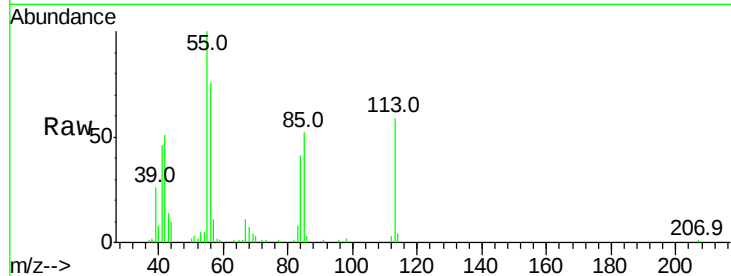
Tot Ion:113 Resp: 32885

Ion Ratio Lower Upper

113 100

55 168.5 198.6 238.6#

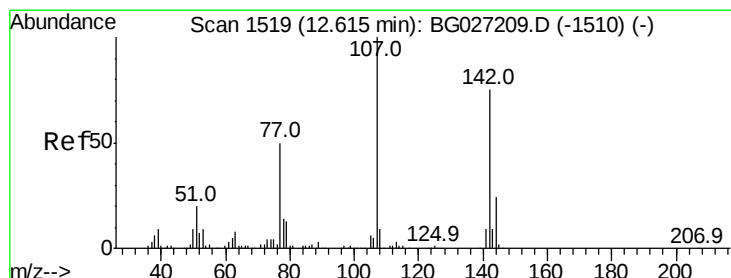
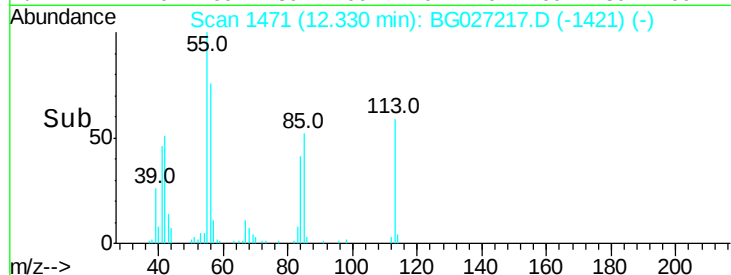
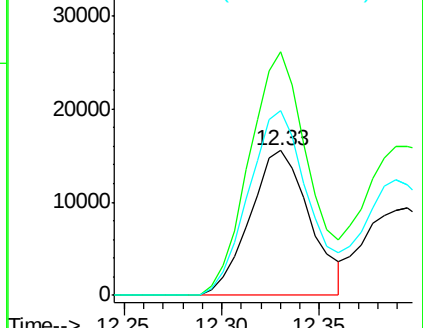
56 127.5 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.69 ng

RT: 12.61 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

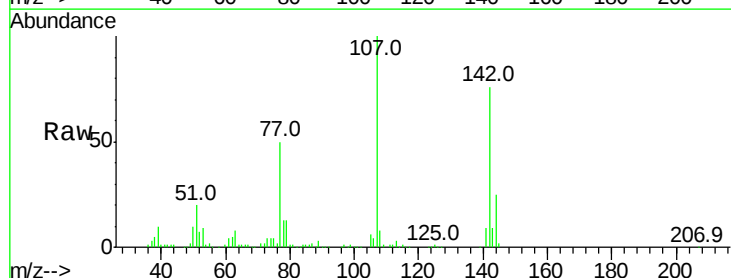
Tgt Ion:107 Resp: 242665

Ion Ratio Lower Upper

107 100

144 24.7 17.4 26.0

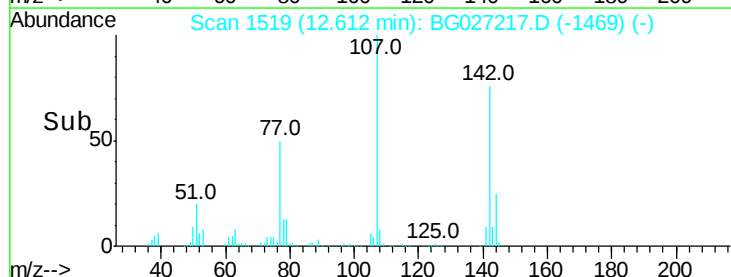
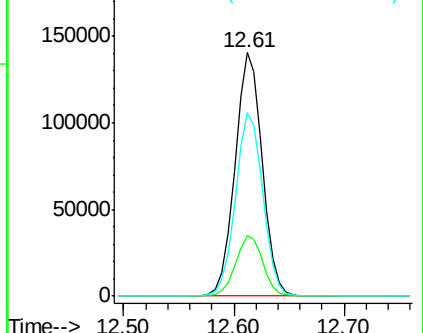
142 75.5 54.1 81.1

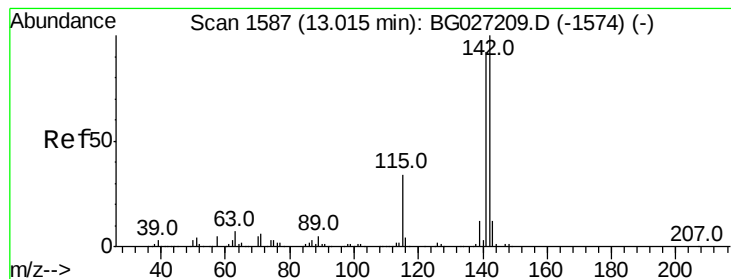


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.76 ng

RT: 13.01 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

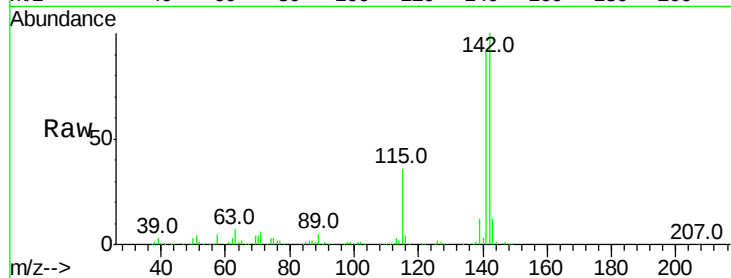
Tot Ion:142 Resp: 446714

Ion Ratio Lower Upper

142 100

141 93.3 70.4 105.6

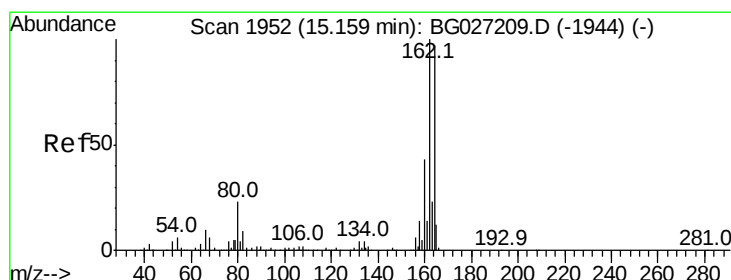
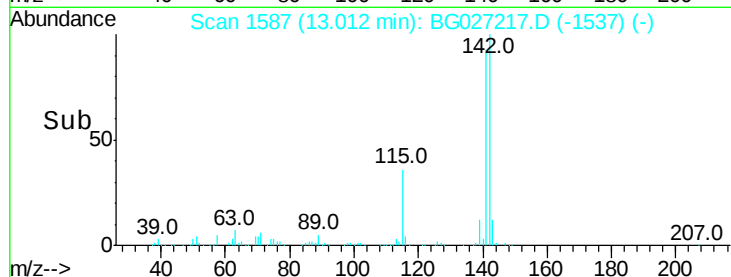
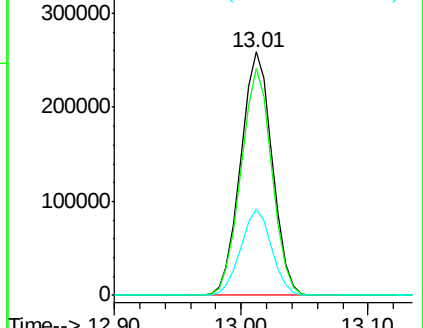
115 35.6 35.5 53.3



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: BG027217.D

Acq: 5 Jun 2017 17:56

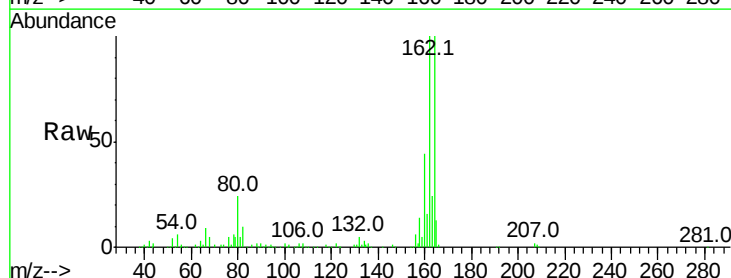
Tgt Ion:164 Resp: 174699

Ion Ratio Lower Upper

164 100

162 99.9 85.1 127.7

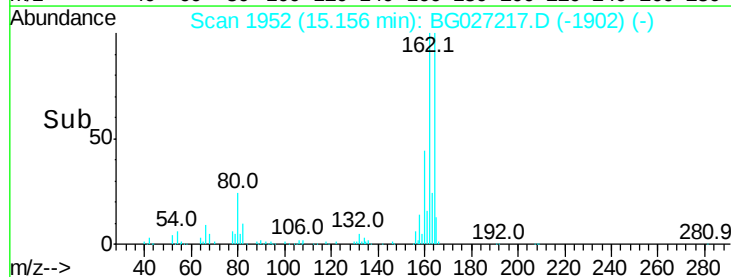
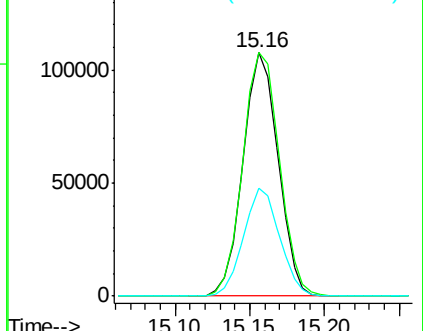
160 44.4 34.7 52.1

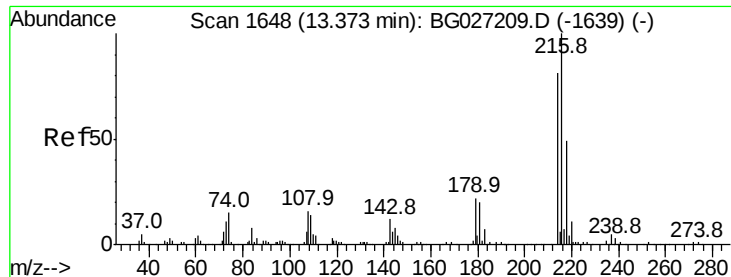


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.97 ng

RT: 13.37 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

Tot Ion:216 Resp: 222992

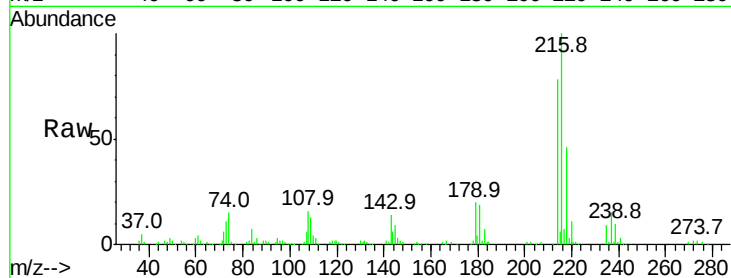
Ion Ratio Lower Upper

216 100

214 78.0 64.4 96.6

179 20.3 17.4 26.0

108 20.1 15.6 23.4

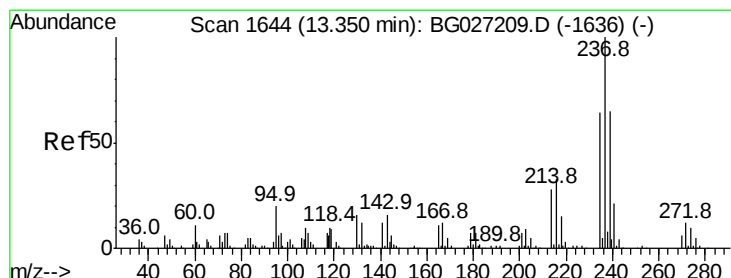
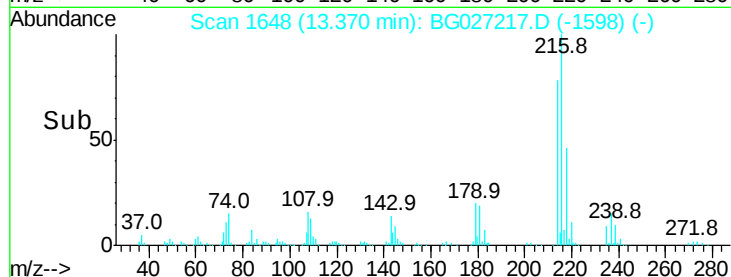
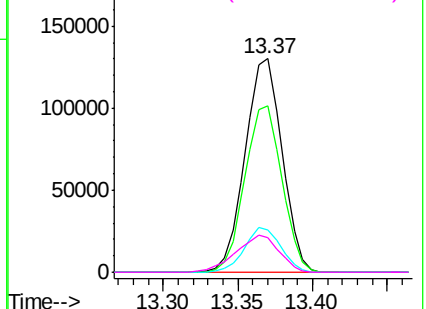


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.19 ng

RT: 13.35 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

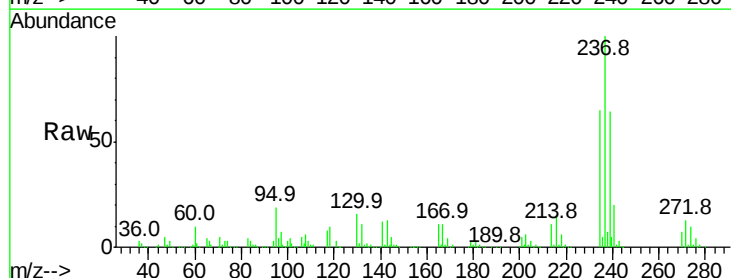
Tgt Ion:237 Resp: 290206

Ion Ratio Lower Upper

237 100

235 64.6 39.4 79.4

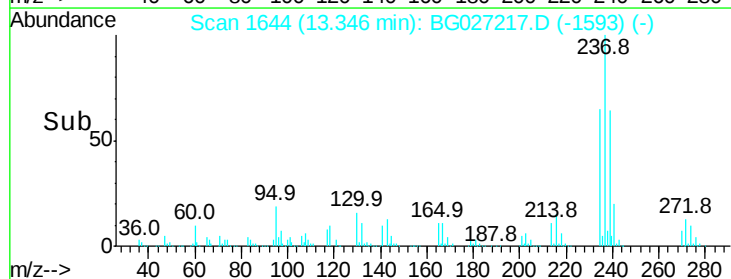
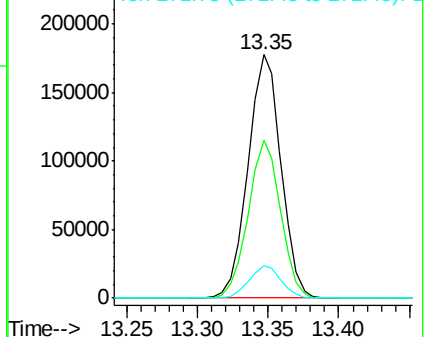
272 13.1 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

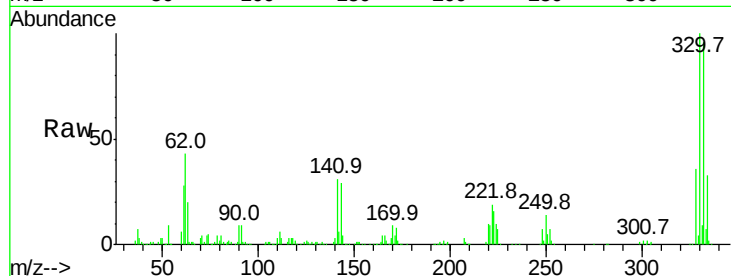




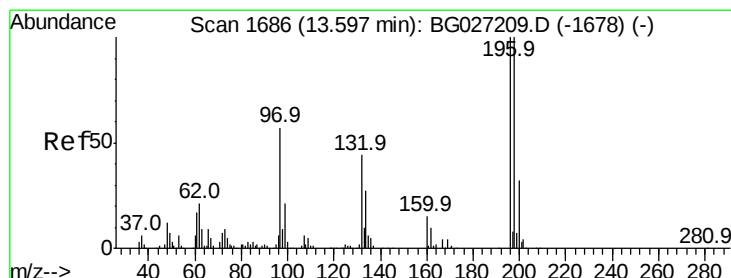
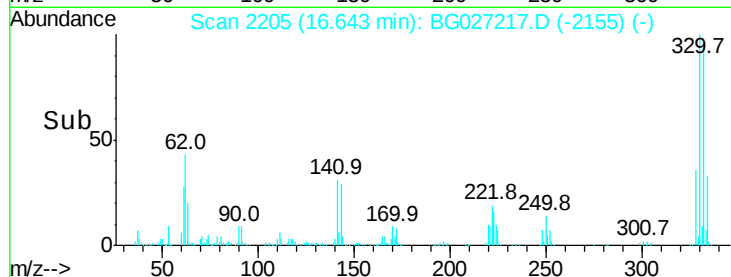
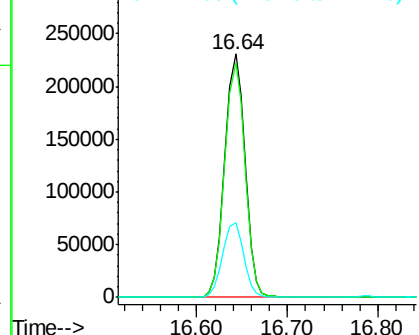
#41
 2,4,6-Tribromophenol
 Concen: 156.45 ng
 RT: 16.64 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	31.9	32.1	48.1#

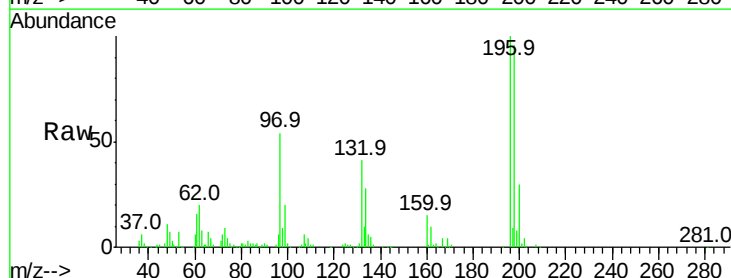


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

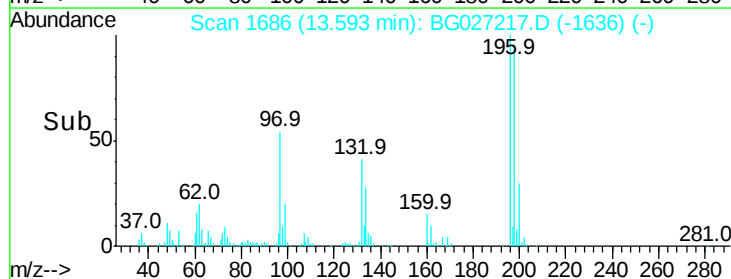
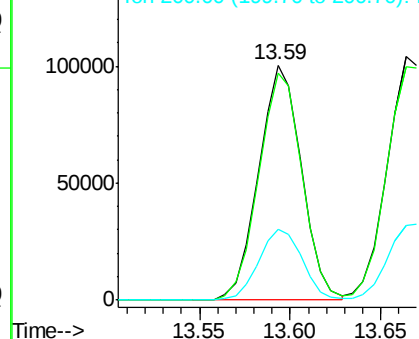


#42
 2,4,6-Trichlorophenol
 Concen: 49.80 ng
 RT: 13.59 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	81.4	122.2
200	30.4	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

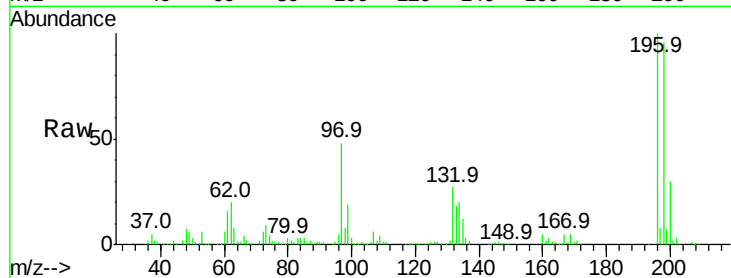




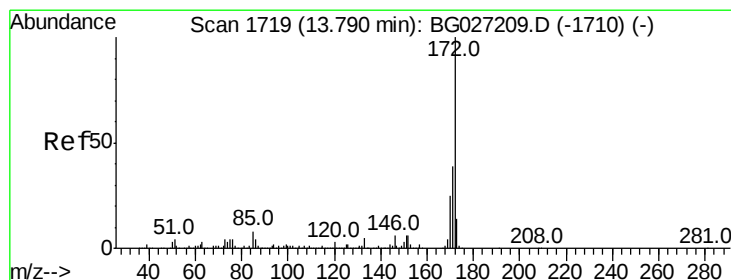
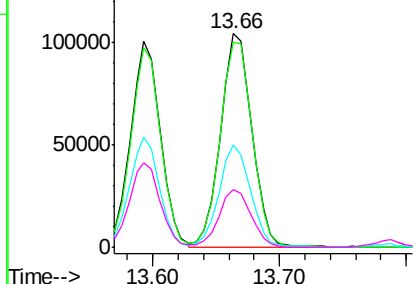
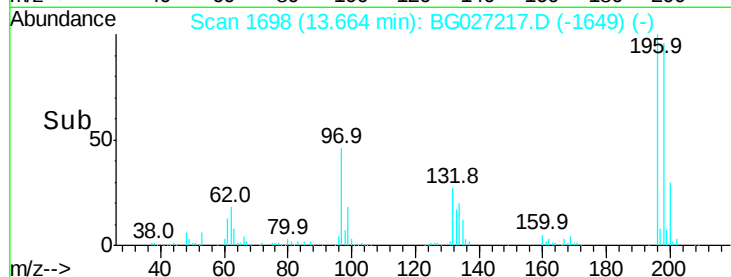
#43
2,4,5-Trichlorophenol
Concen: 48.08 ng
RT: 13.66 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Instrument :
BNA_G
ClientSampleId :
PB99459BS

Tot Ion:196 Resp: 177613
Ion Ratio Lower Upper
196 100
198 96.0 79.9 119.9
97 48.0 45.4 68.0
132 27.2 20.7 31.1

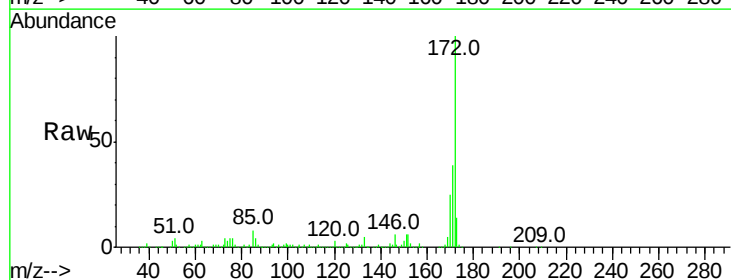


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E

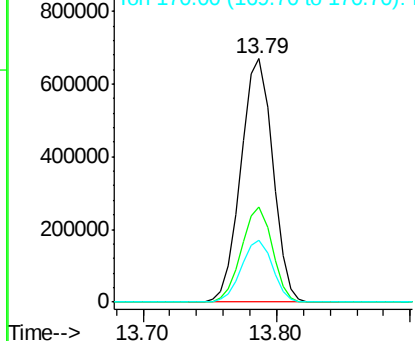
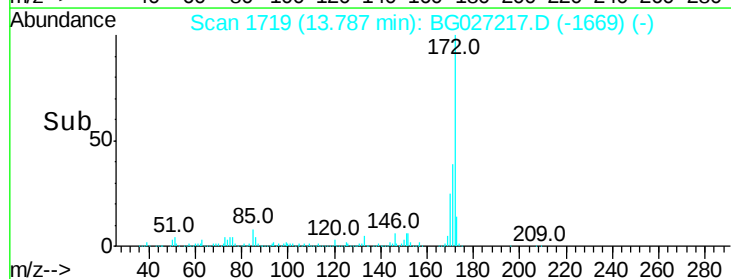


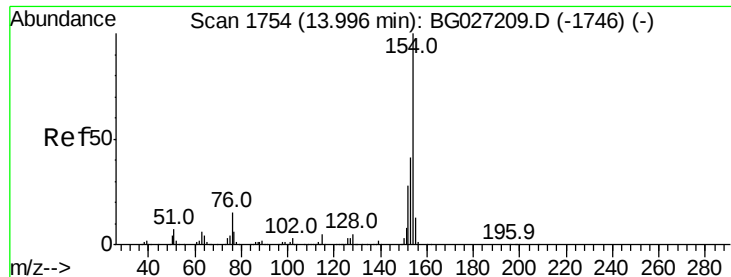
#44
2-Fluorobiphenyl
Concen: 88.42 ng
RT: 13.79 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:172 Resp: 1104193
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 25.2 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: 43.17 ng

RT: 13.99 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

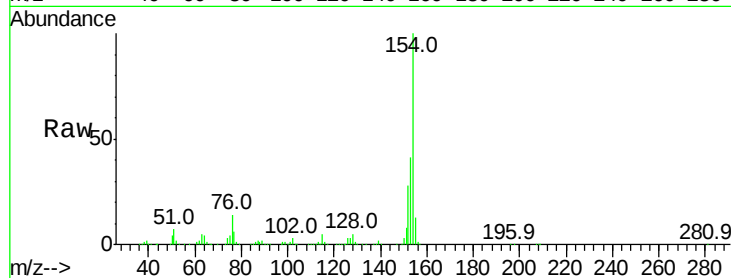
Tot Ion:154 Resp: 615575

Ion Ratio Lower Upper

154 100

153 41.1 23.0 63.0

76 14.1 0.0 33.5

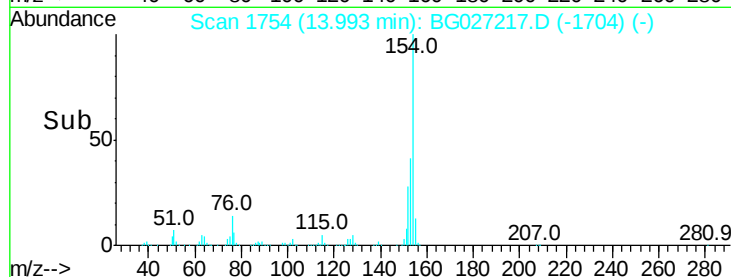


Abundance Ion 154.00 (153.70 to 154.70): E

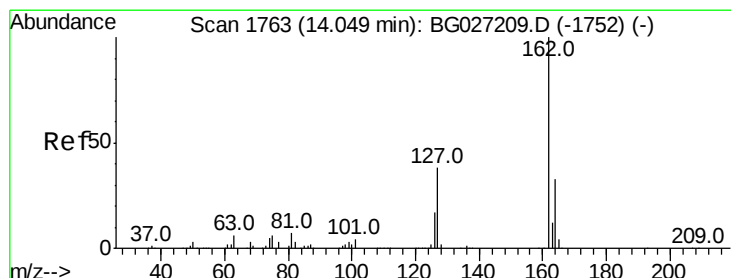
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC

Time--> 13.90 13.95 14.00 14.05



Time--> 13.90 13.95 14.00 14.05



#46

2-Chloronaphthalene

Concen: 43.02 ng

RT: 14.05 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

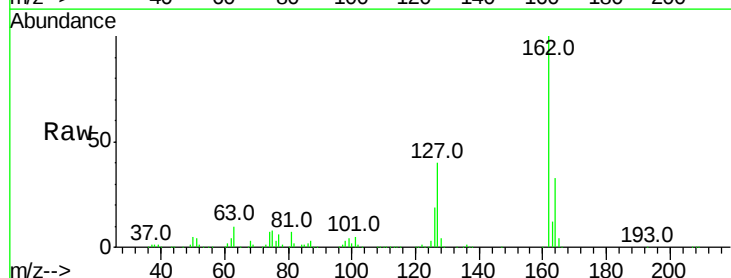
Tgt Ion:162 Resp: 459920

Ion Ratio Lower Upper

162 100

127 40.0 32.2 48.4

164 33.4 27.3 40.9

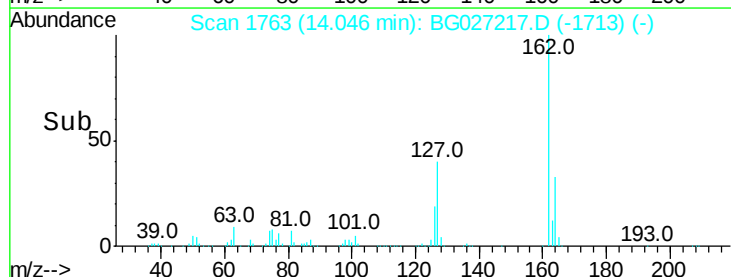


Abundance Ion 162.00 (161.70 to 162.70): E

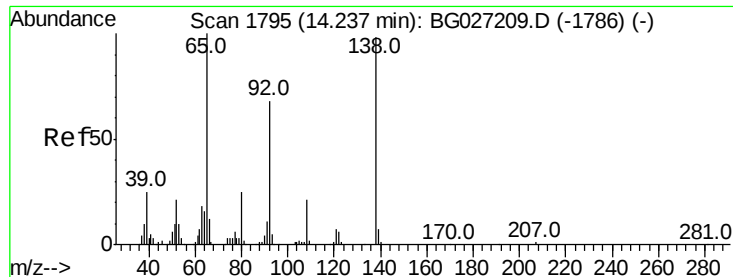
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time--> 14.00 14.10



Time--> 14.00 14.10



#47

2-Nitroaniline

Concen: 45.97 ng

RT: 14.23 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

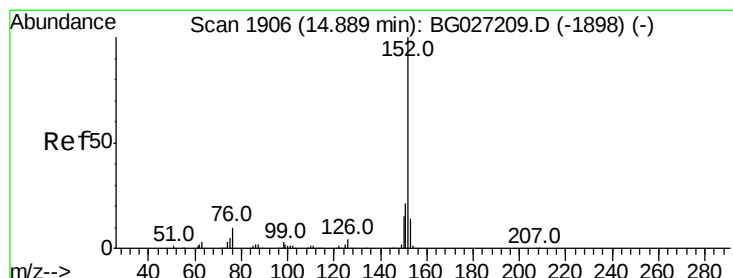
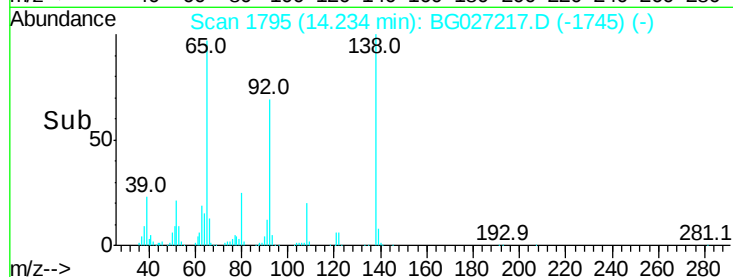
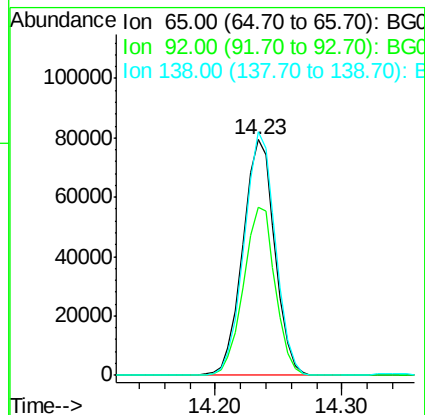
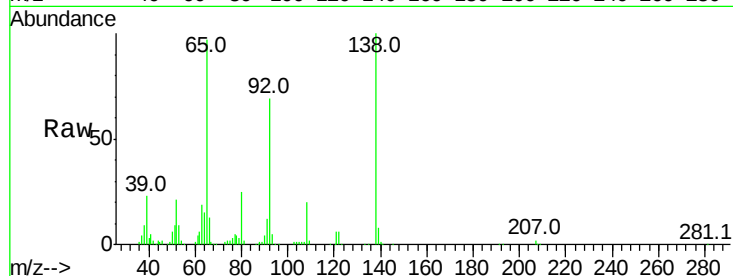
Tot Ion: 65 Resp: 138737

Ion Ratio Lower Upper

65 100

92 71.3 49.0 73.4

138 103.4 58.6 87.8#



#48

Acenaphthylene

Concen: 42.26 ng

RT: 14.89 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

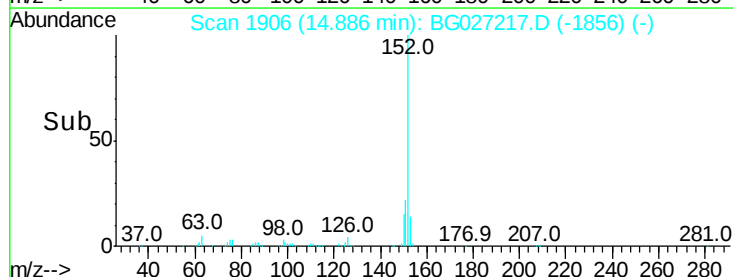
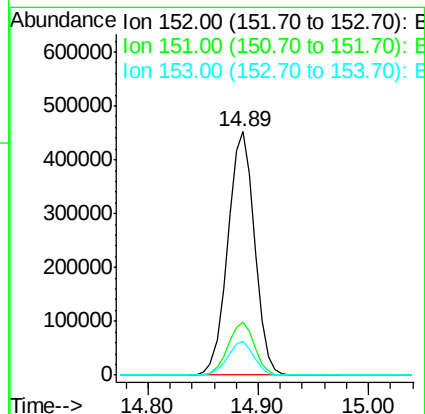
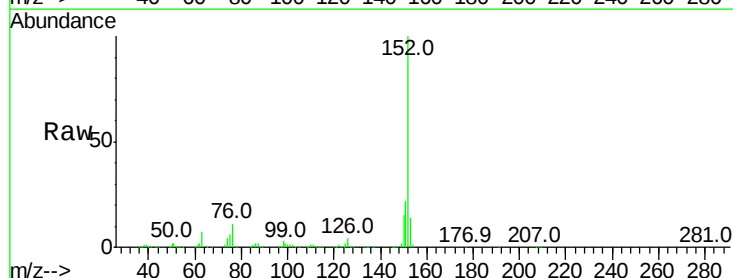
Tgt Ion: 152 Resp: 764590

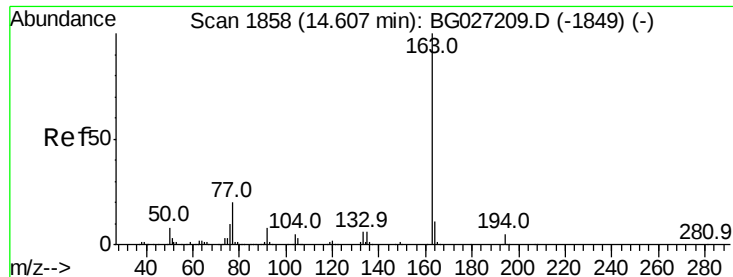
Ion Ratio Lower Upper

152 100

151 21.5 18.2 27.2

153 13.7 11.3 16.9

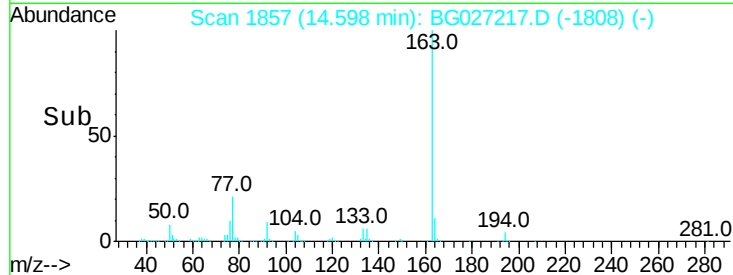
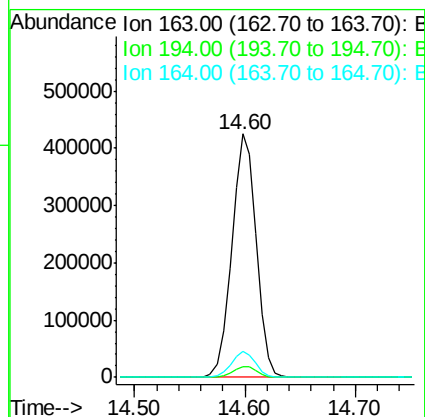
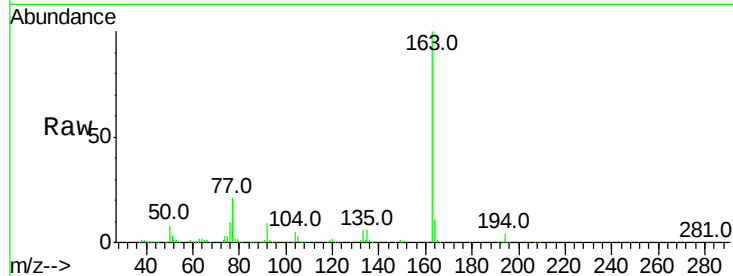




#49
Dimethylphthalate
Concen: 47.30 ng
RT: 14.60 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

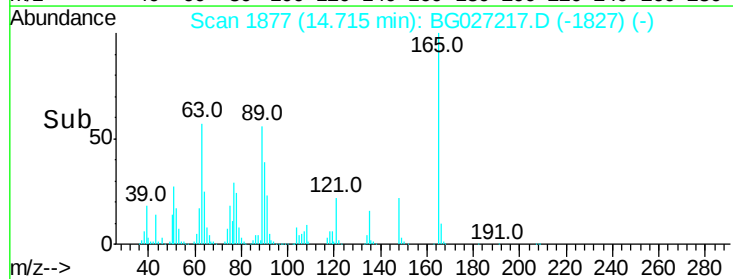
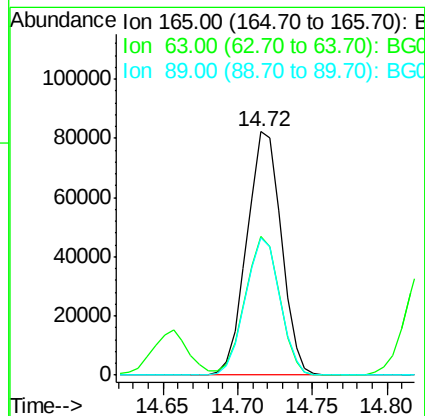
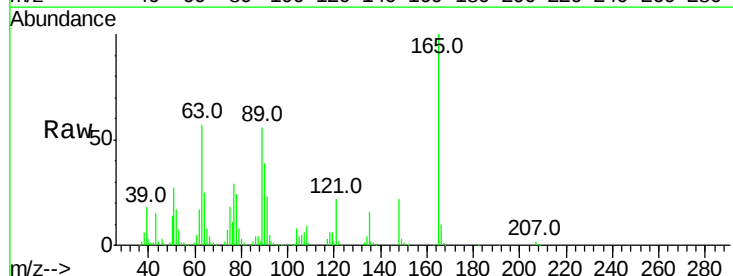
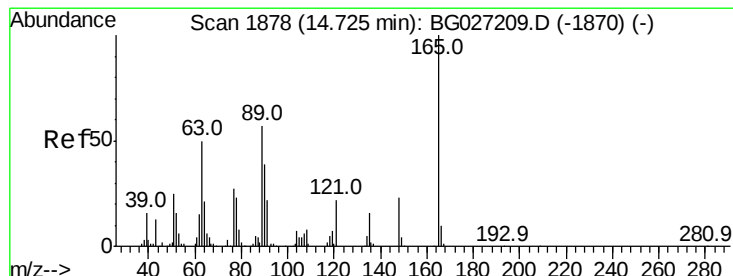
Instrument :
BNA_G
ClientSampleId :
PB99459BS

Tot Ion:163 Resp: 655570
Ion Ratio Lower Upper
163 100
194 4.3 3.8 5.6
164 10.5 9.3 13.9



#50
2,6-Dinitrotoluene
Concen: 46.85 ng
RT: 14.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:165 Resp: 131457
Ion Ratio Lower Upper
165 100
63 57.0 63.9 95.9#
89 56.2 58.6 88.0#





#51

Acenaphthene

Concen: 46.51 ng

RT: 15.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

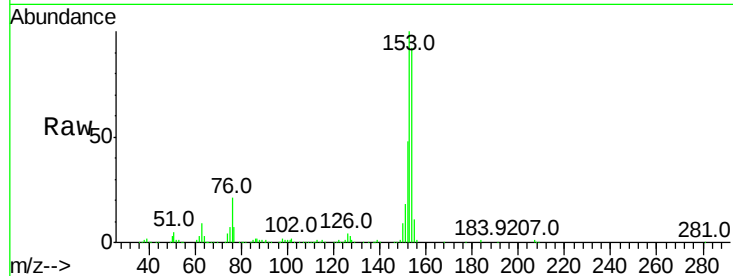
Tot Ion:154 Resp: 547357

Ion Ratio Lower Upper

154 100

153 109.2 87.8 131.6

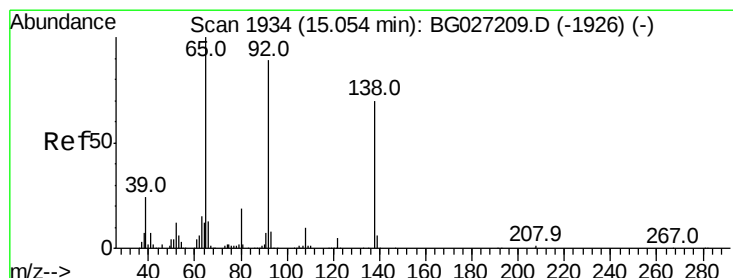
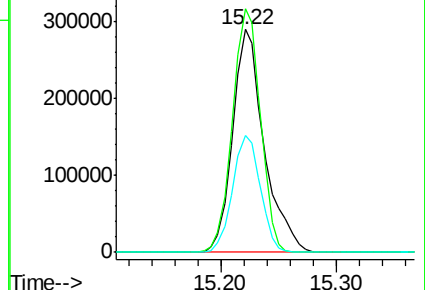
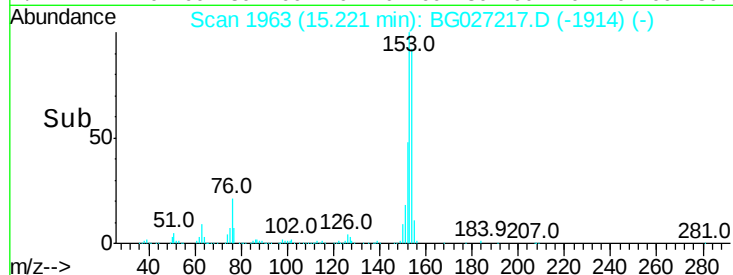
152 52.2 42.2 63.4



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: 29.67 ng

RT: 15.05 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

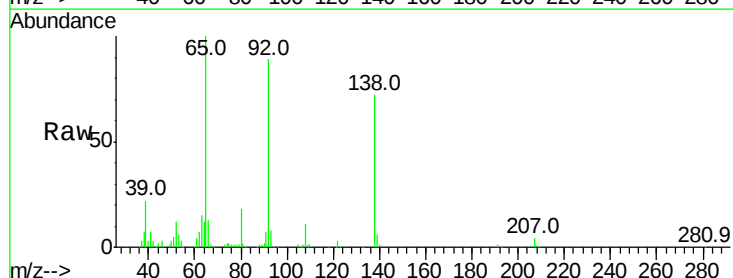
Tgt Ion:138 Resp: 80323

Ion Ratio Lower Upper

138 100

108 14.9 10.9 16.3

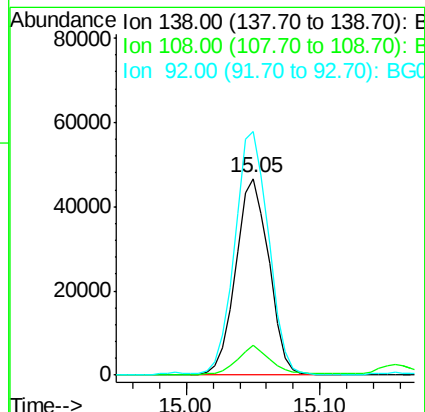
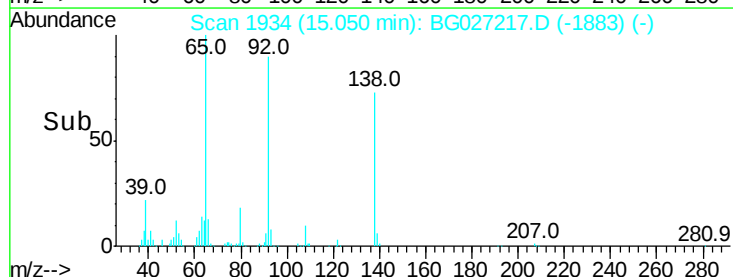
92 123.7 115.3 172.9

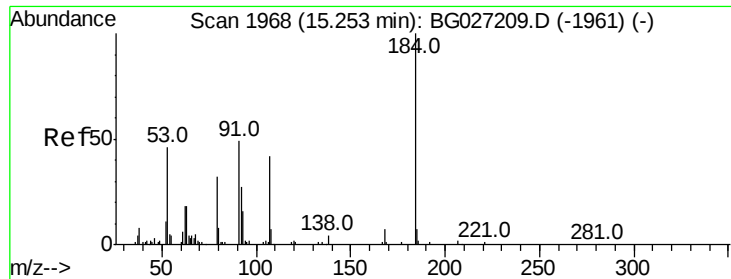


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

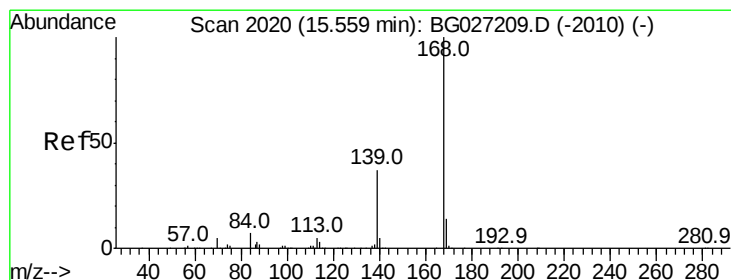
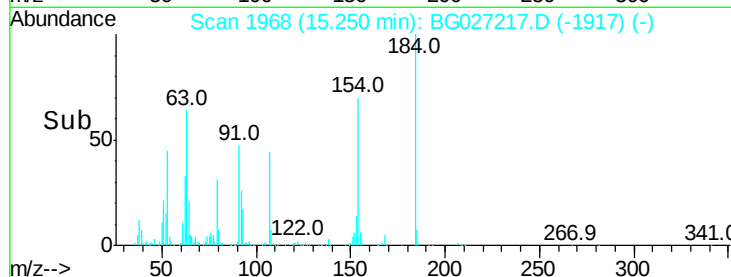
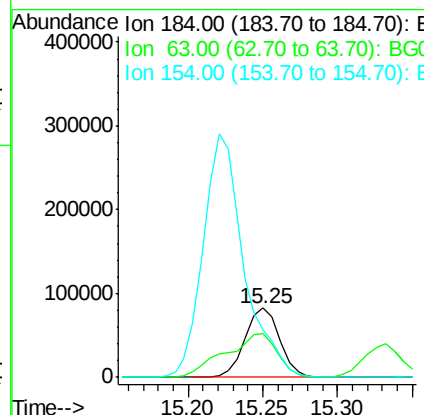
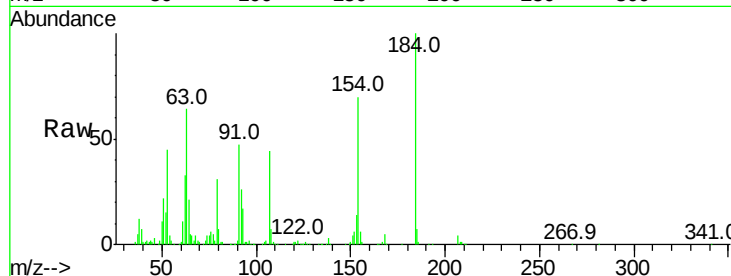




#53
2,4-Dinitrophenol
Concen: 92.06 ng
RT: 15.25 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

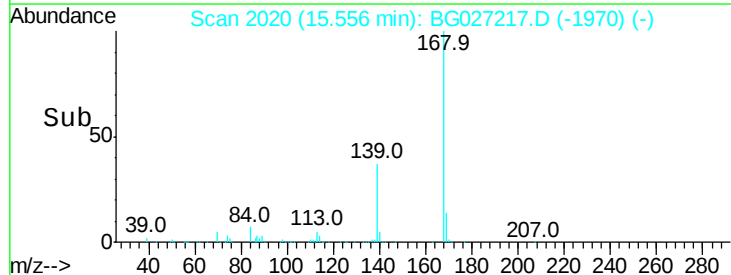
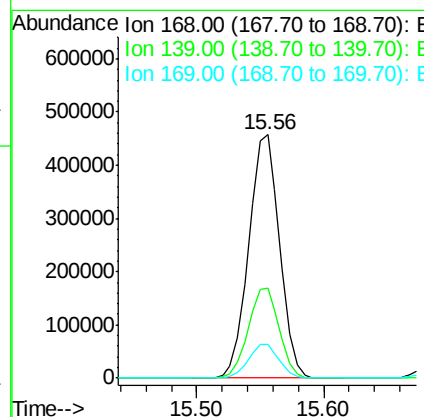
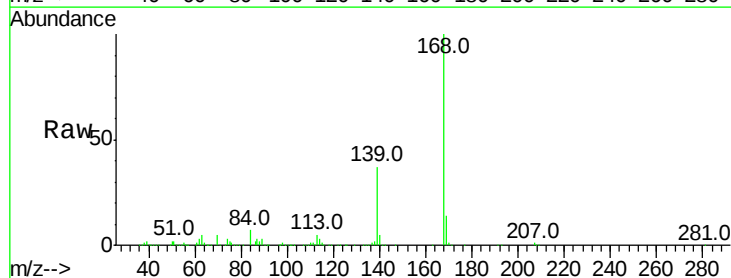
Instrument :
BNA_G
ClientSampleId :
PB99459BS

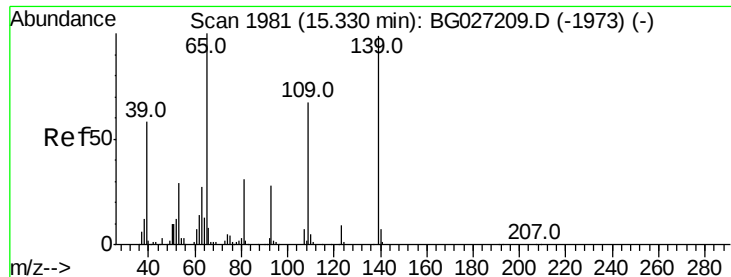
Tot Ion:184 Resp: 133420
Ion Ratio Lower Upper
184 100
63 63.5 52.7 79.1
154 69.7 57.3 85.9



#54
Dibenzofuran
Concen: 46.71 ng
RT: 15.56 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:168 Resp: 768242
Ion Ratio Lower Upper
168 100
139 36.8 35.3 52.9
169 13.9 11.5 17.3





#55

4-Nitrophenol

Concen: 92.53 ng

RT: 15.33 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

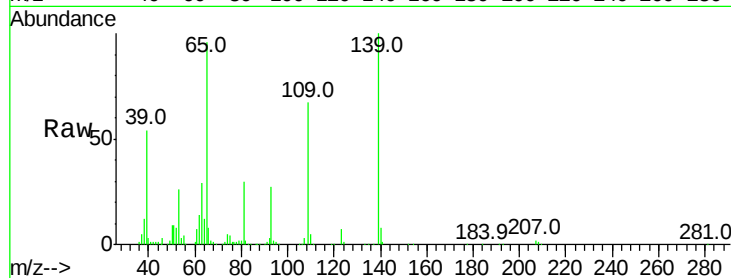
Tot Ion:139 Resp: 244944

Ion Ratio Lower Upper

139 100

109 67.3 101.2 141.2#

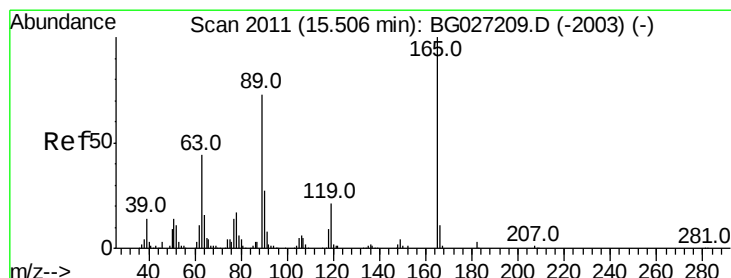
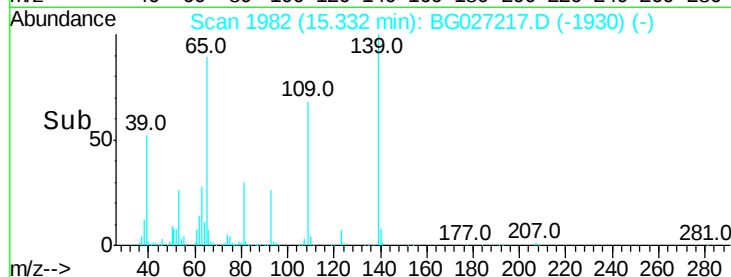
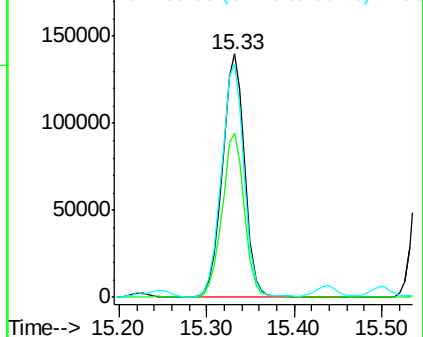
65 95.9 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 50.17 ng

RT: 15.50 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Tgt Ion:165 Resp: 182045

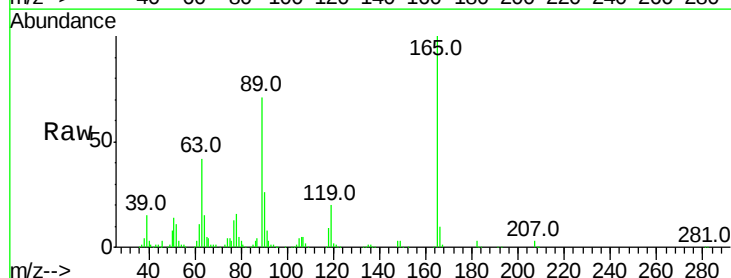
Ion Ratio Lower Upper

165 100

63 42.2 44.0 66.0#

89 71.0 67.3 100.9

182 3.0 3.8 5.6#

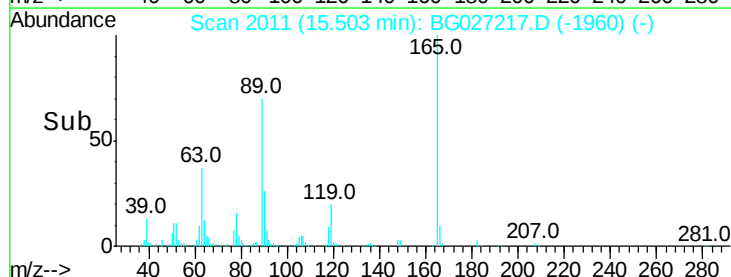
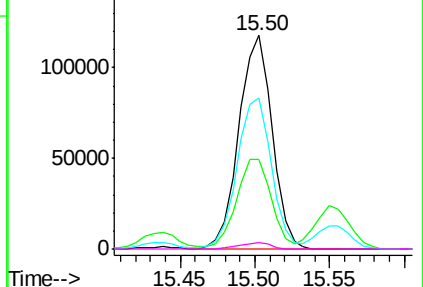


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.36 ng

RT: 16.20 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

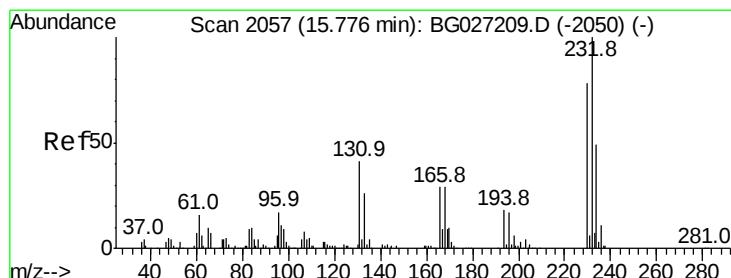
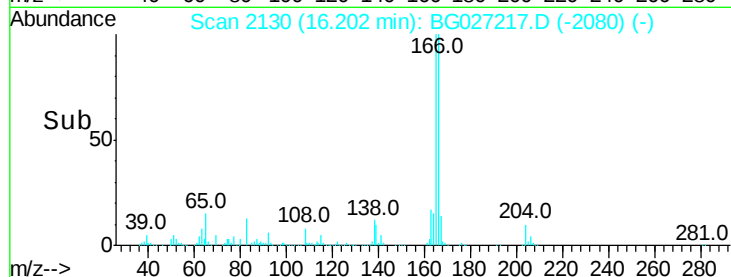
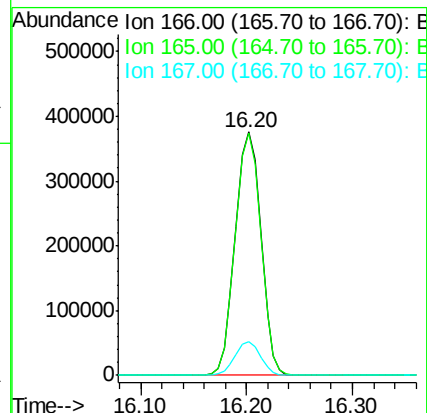
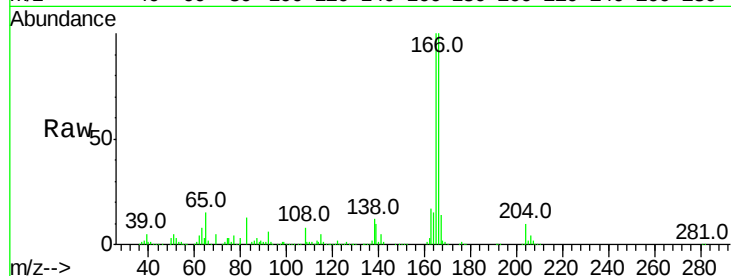
Tot Ion:166 Resp: 633433

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

167 14.1 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 54.96 ng

RT: 15.77 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Tgt Ion:232 Resp: 181232

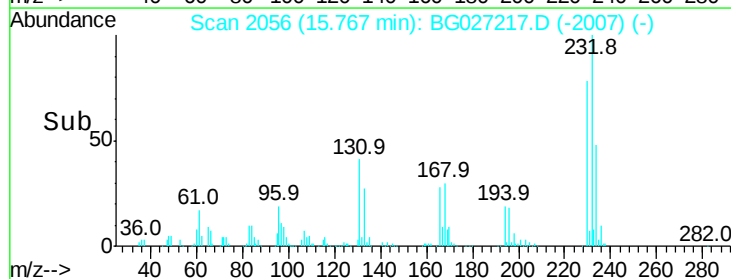
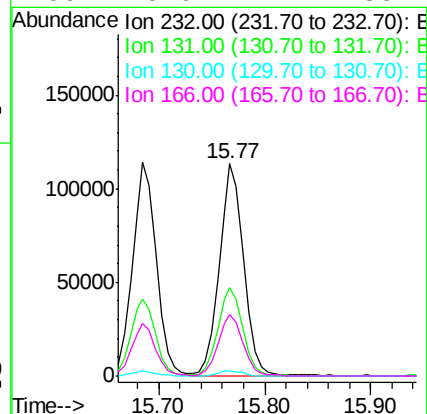
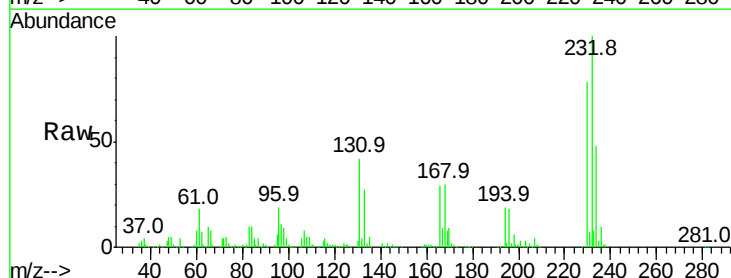
Ion Ratio Lower Upper

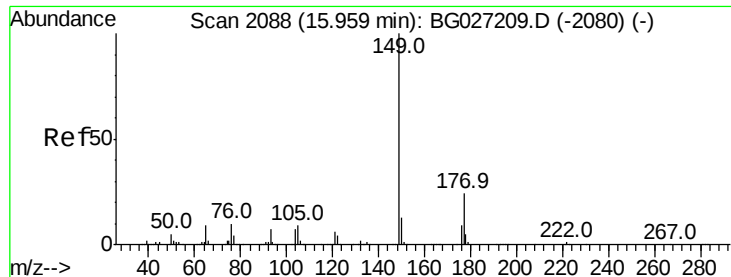
232 100

131 43.1 34.9 52.3

130 2.6 2.3 3.5

166 29.9 24.2 36.4

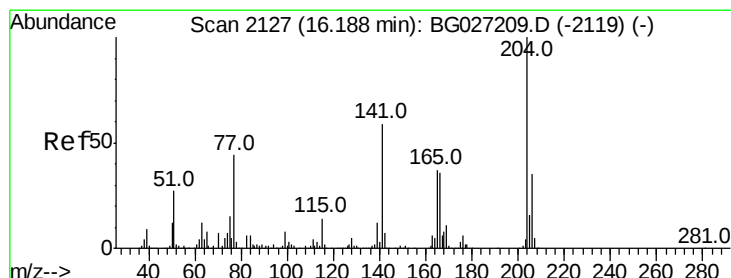
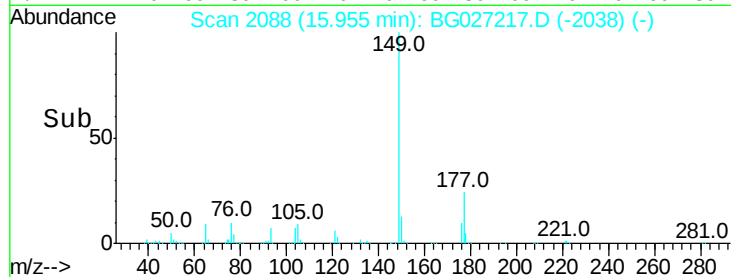
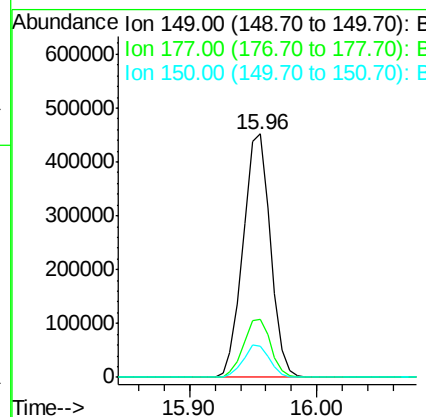
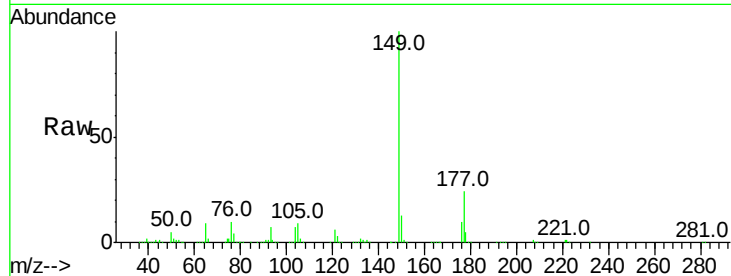




#59
Diethylphthalate
Concen: 48.61 ng
RT: 15.96 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

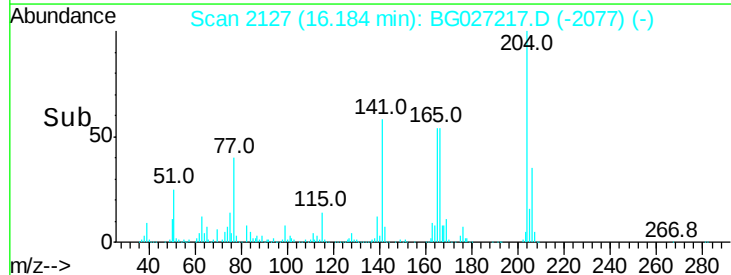
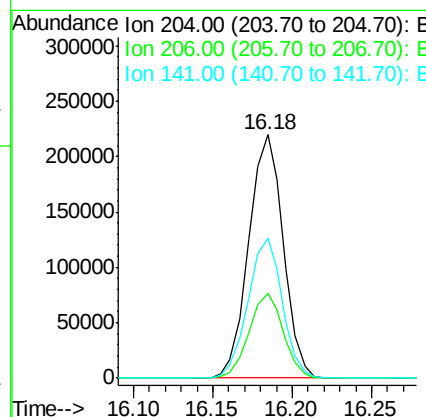
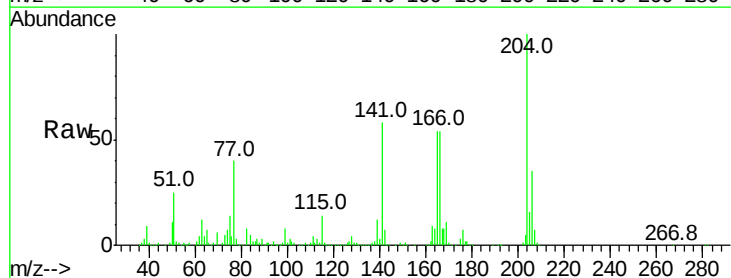
Instrument :
BNA_G
ClientSampleId :
PB99459BS

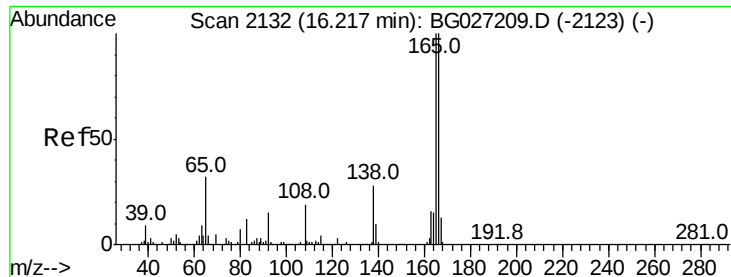
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.1	30.1
150	12.6	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.00 ng
RT: 16.18 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.9	30.1	45.1
141	57.6	50.6	76.0

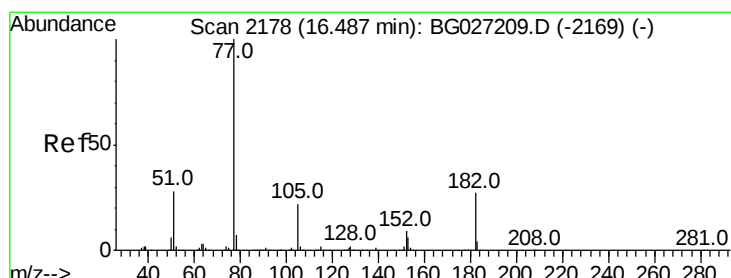
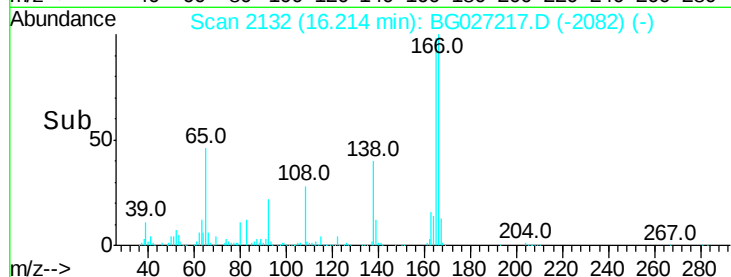
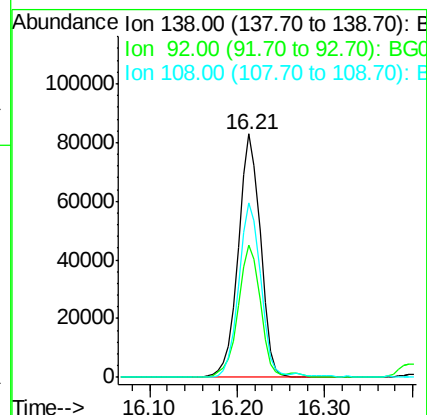
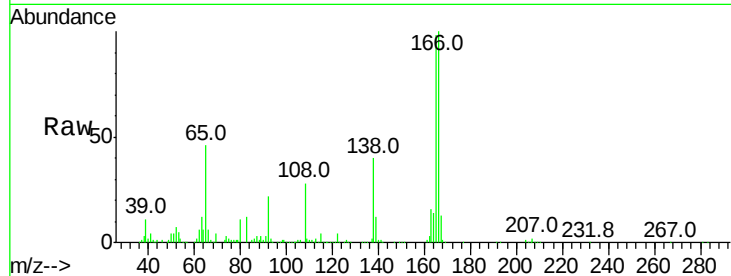




#61
4-Nitroaniline
Concen: 47.47 ng
RT: 16.21 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

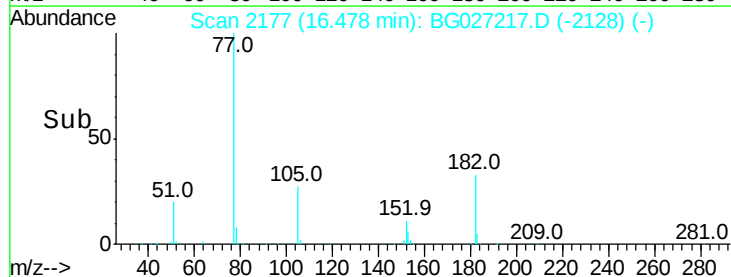
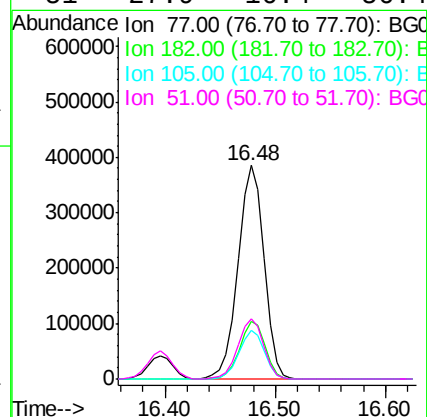
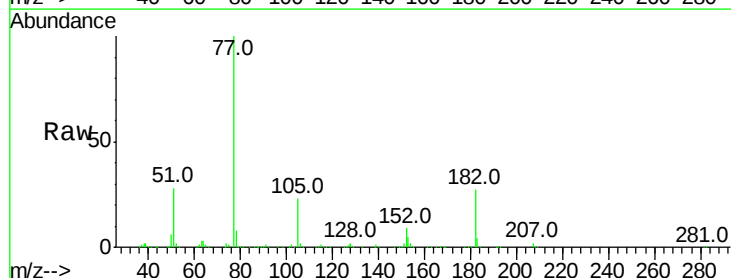
Instrument :
BNA_G
ClientSampled :
PB99459BS

Tot Ion:138 Resp: 141646
Ion Ratio Lower Upper
138 100
92 54.6 44.2 84.2
108 71.5 104.8 144.8#



#62
Azobenzene
Concen: 49.80 ng
RT: 16.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion: 77 Resp: 637989
Ion Ratio Lower Upper
77 100
182 27.1 4.7 44.7
105 22.6 0.0 36.3
51 27.9 16.4 56.4

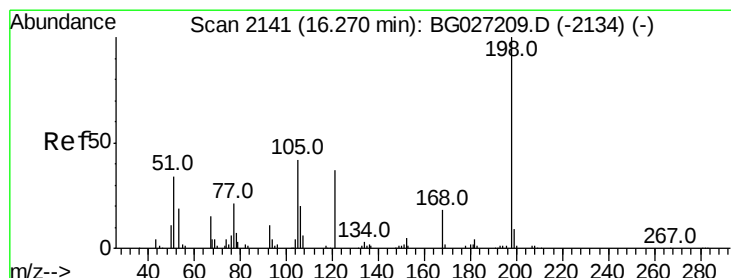
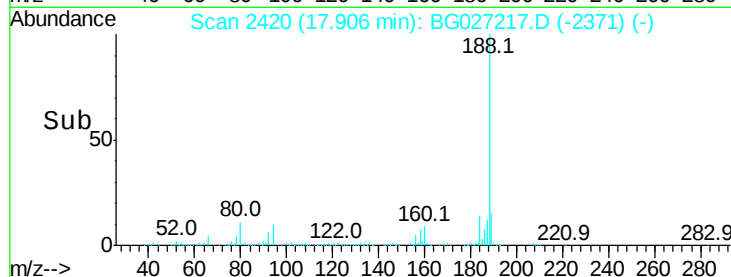
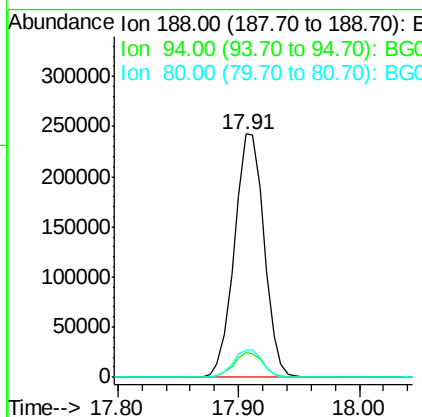
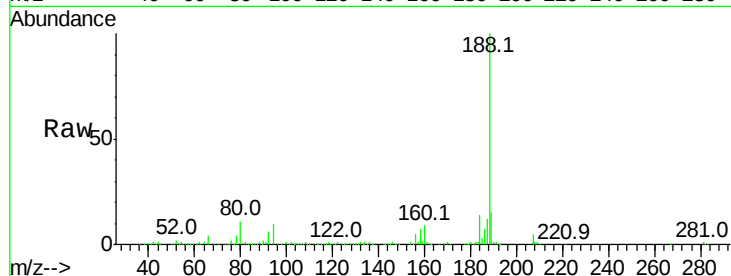




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.91 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

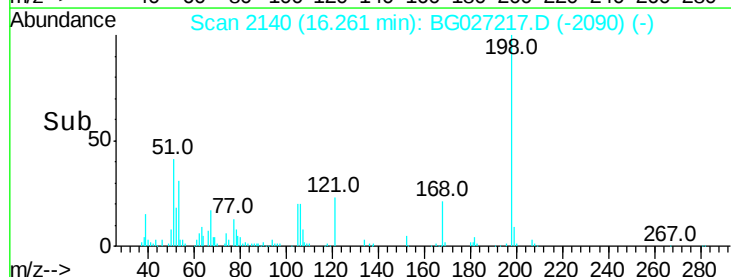
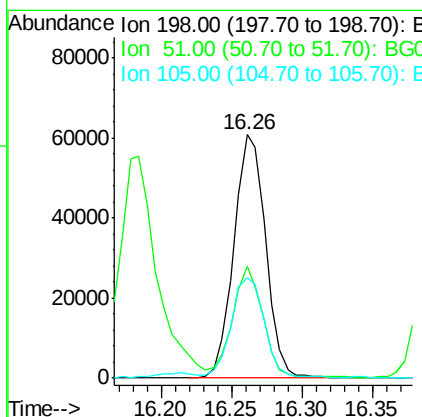
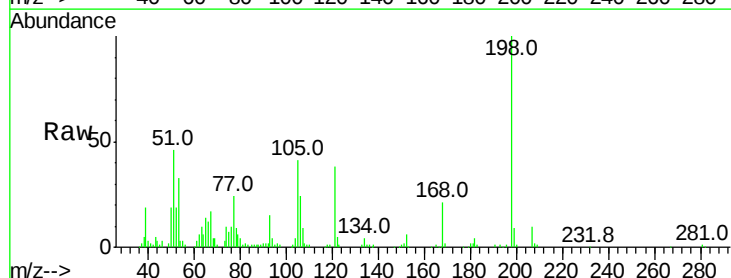
Instrument :
BNA_G
ClientSampleId :
PB99459BS

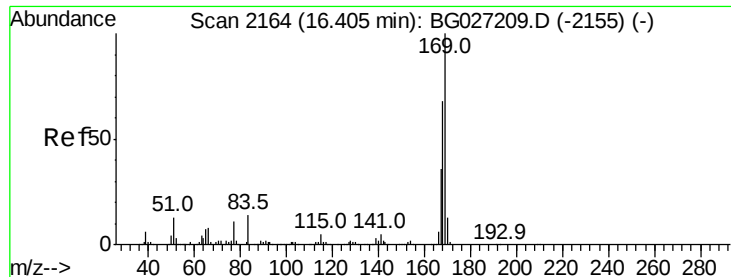
Tot Ion:188 Resp: 416578
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 11.4 7.5 11.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.64 ng
RT: 16.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:198 Resp: 95610
Ion Ratio Lower Upper
198 100
51 45.8 22.6 62.6
105 41.2 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 44.44 ng

RT: 16.40 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

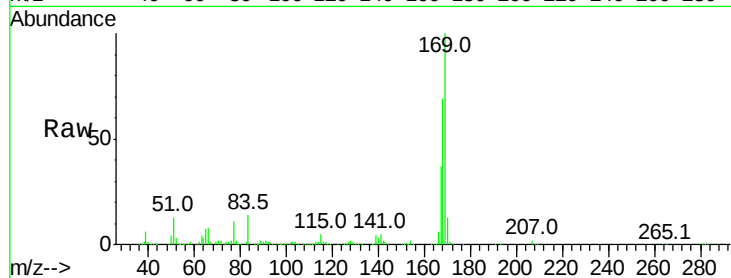
Tot Ion:169 Resp: 580429

Ion Ratio Lower Upper

169 100

168 68.8 55.7 83.5

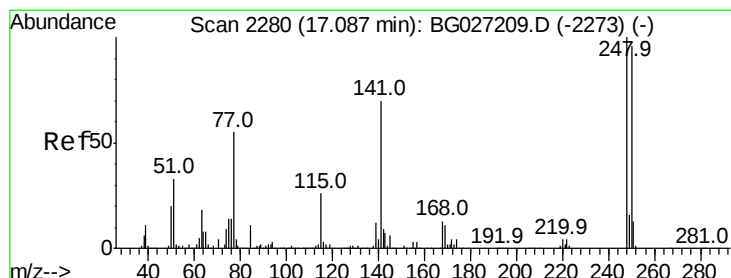
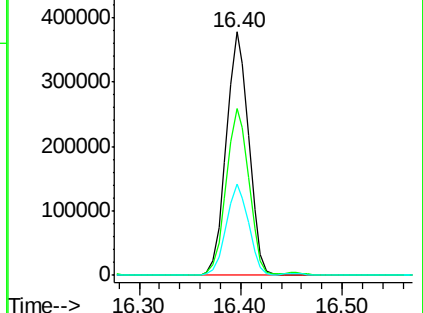
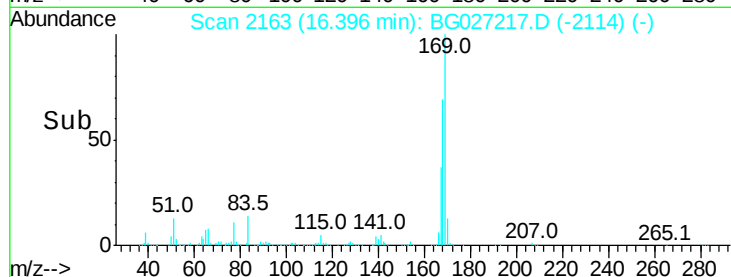
167 37.4 29.8 44.6



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: 44.62 ng

RT: 17.08 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

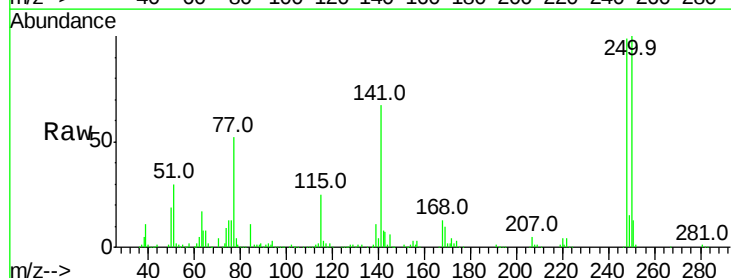
Tgt Ion:248 Resp: 220012

Ion Ratio Lower Upper

248 100

250 100.7 75.0 112.6

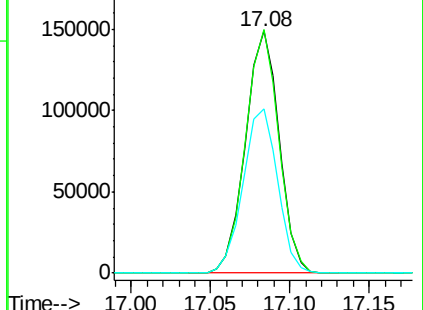
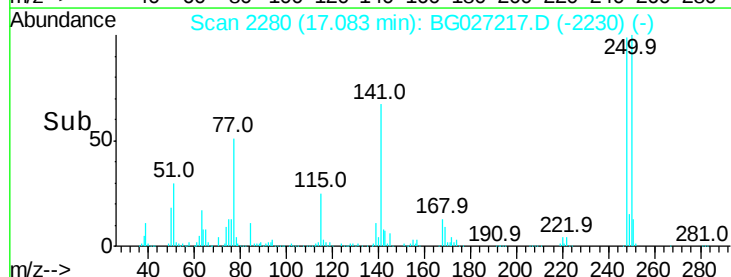
141 67.9 55.2 82.8

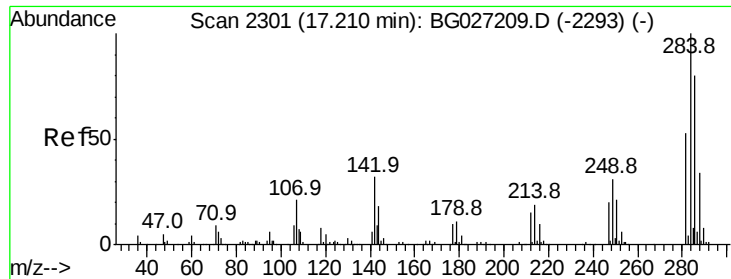


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.02 ng

RT: 17.21 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

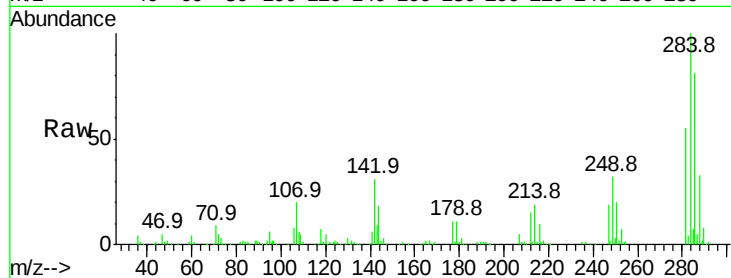
Tot Ion:284 Resp: 233425

Ion Ratio Lower Upper

284 100

142 30.7 29.9 44.9

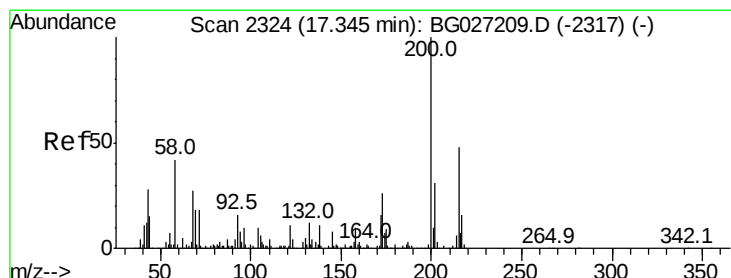
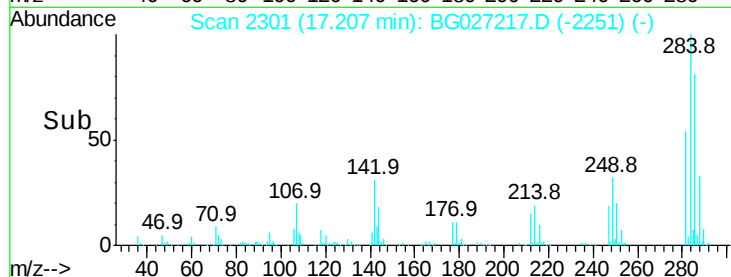
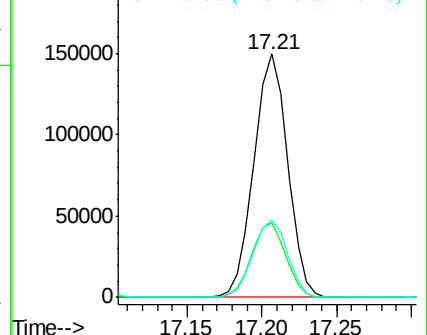
249 32.0 29.2 43.8



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: 48.16 ng

RT: 17.34 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

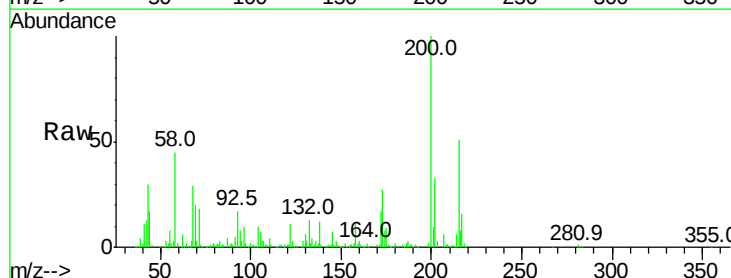
Tgt Ion:200 Resp: 210341

Ion Ratio Lower Upper

200 100

173 26.8 3.0 43.0

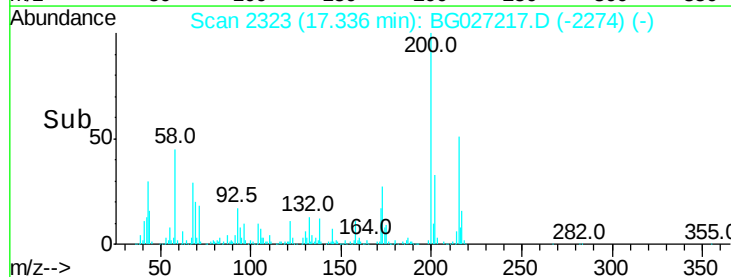
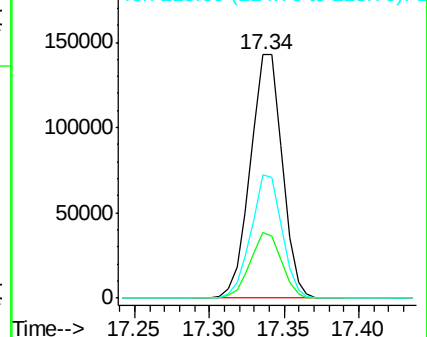
215 50.5 28.4 68.4

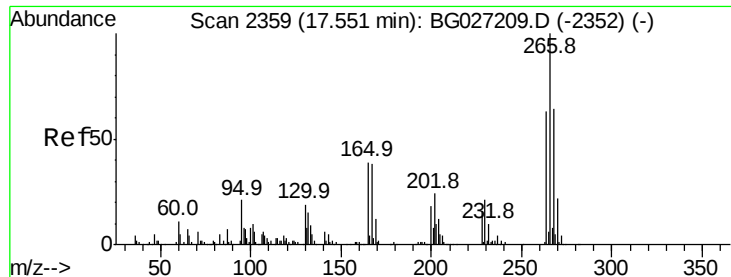


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

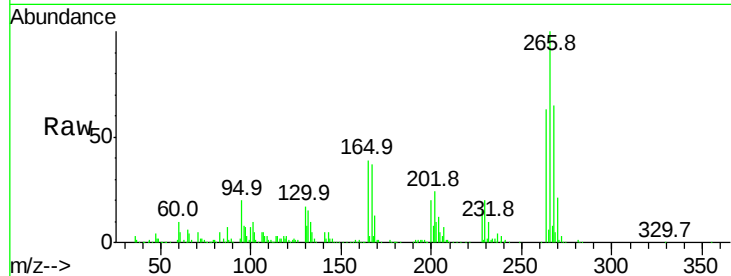




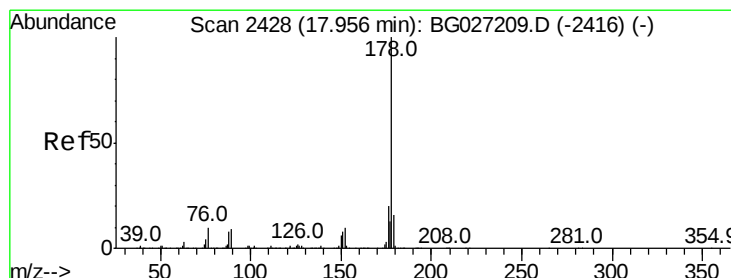
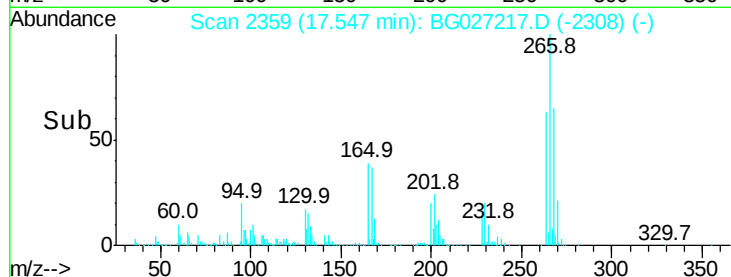
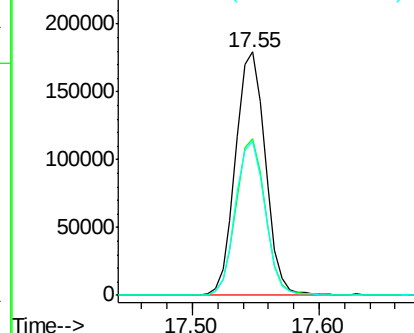
#69
 Pentachlorophenol
 Concen: 94.05 ng
 RT: 17.55 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	48.6	72.8
264	63.4	50.1	75.1

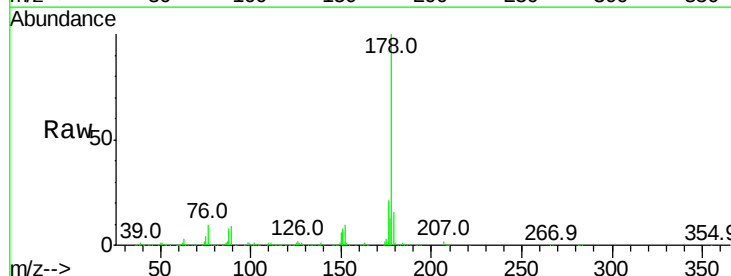


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

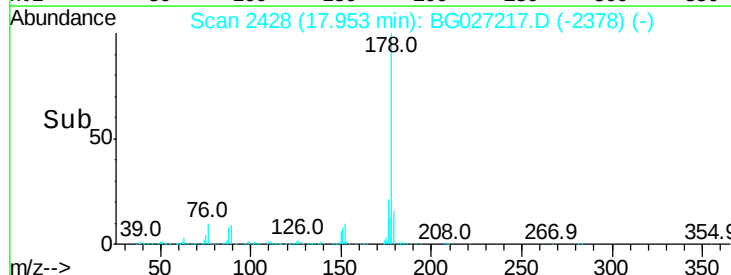
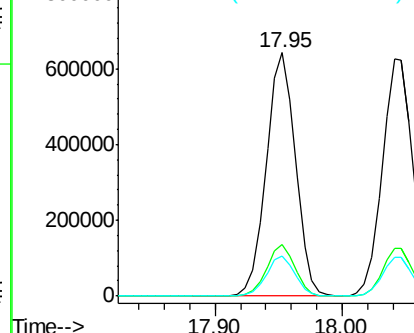


#70
 Phenanthrene
 Concen: 43.80 ng
 RT: 17.95 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.4	15.0	22.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



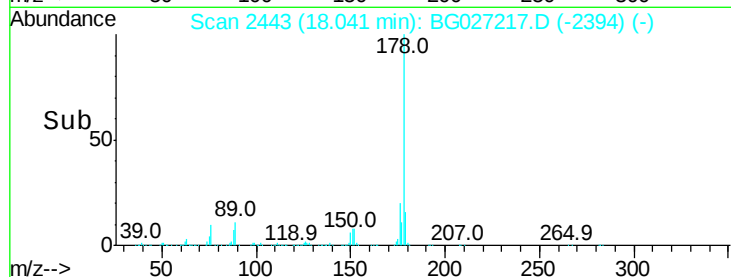
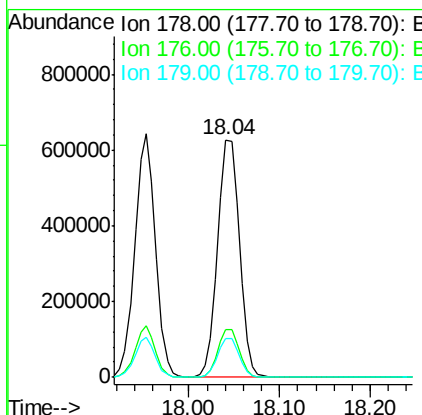
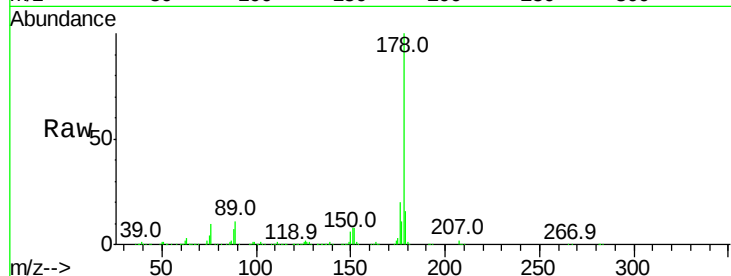


#71
 Anthracene
 Concen: 44.64 ng
 RT: 18.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

Tot Ion:178 Resp: 1048065

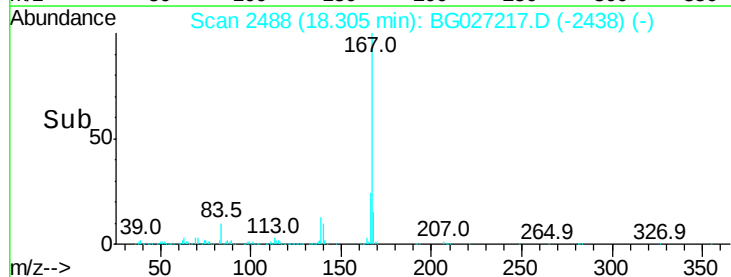
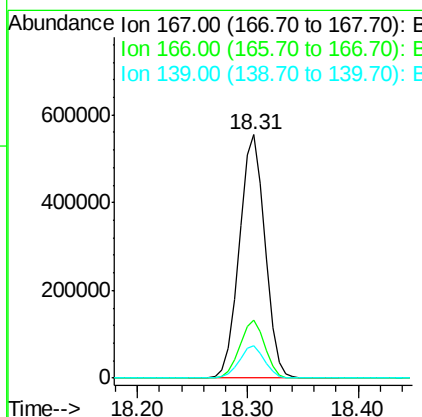
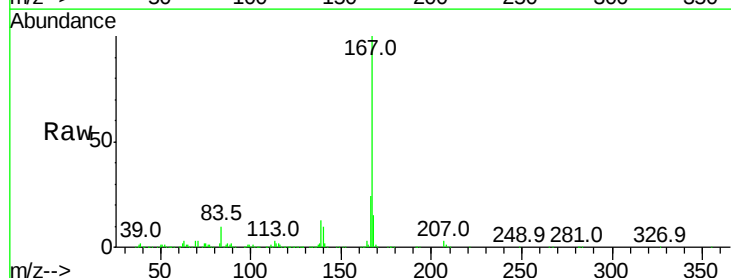
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	16.4	13.8	20.8

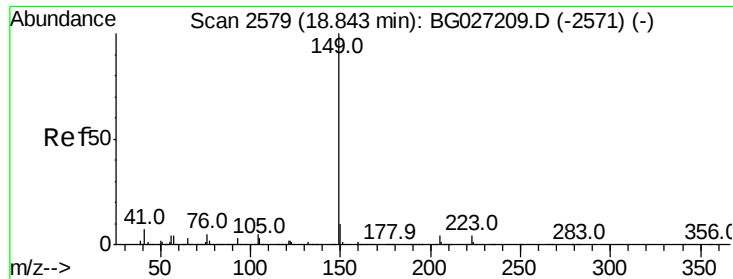


#72
 Carbazole
 Concen: 40.84 ng
 RT: 18.31 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion:167 Resp: 904576

Ion	Ratio	Lower	Upper
167	100		
166	23.8	20.2	30.2
139	13.5	12.8	19.2





#73

Di-n-butylphthalate

Concen: 47.23 ng

RT: 18.84 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

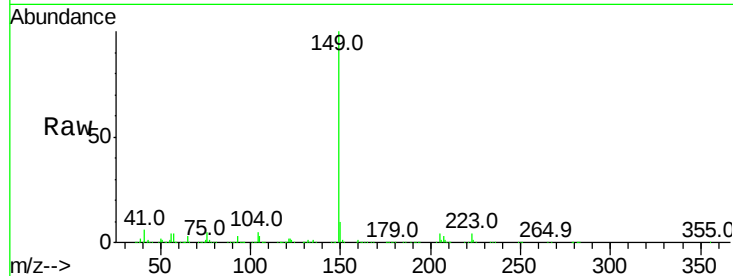
Tot Ion:149 Resp: 1014192

Ion Ratio Lower Upper

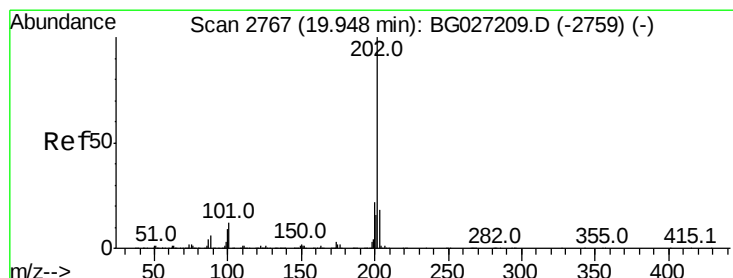
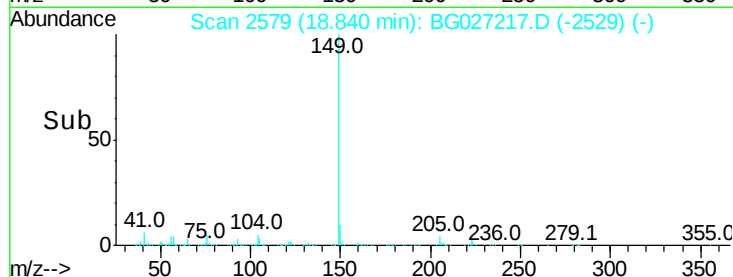
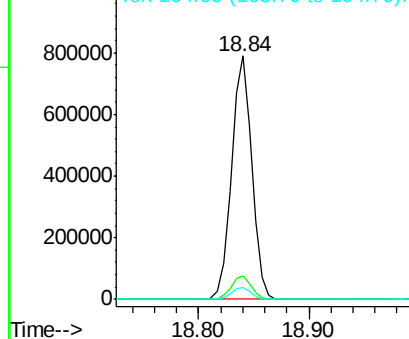
149 100

150 9.7 9.1 13.7

104 5.1 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.50 ng

RT: 19.94 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

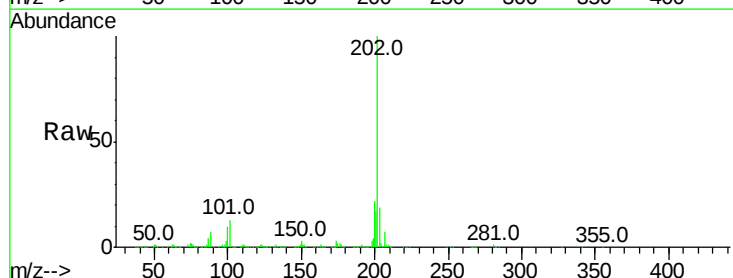
Tgt Ion:202 Resp: 1089278

Ion Ratio Lower Upper

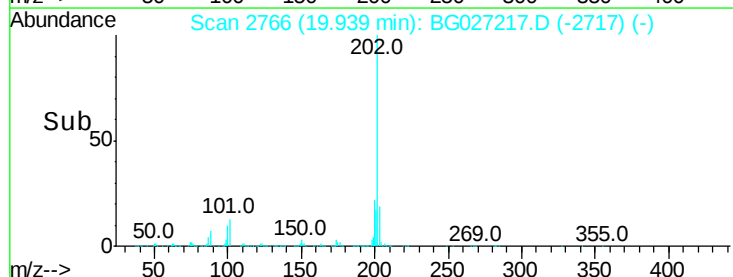
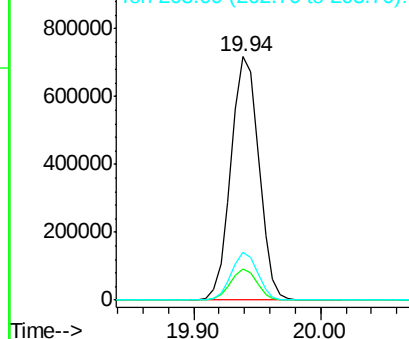
202 100

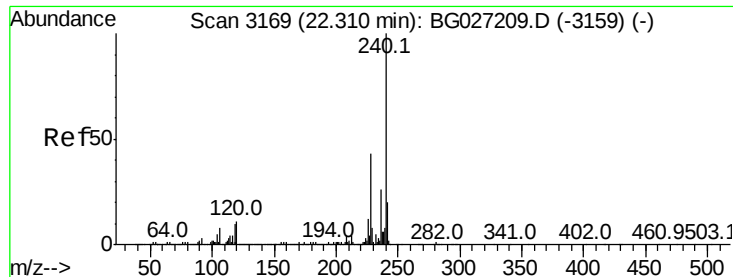
101 12.6 0.0 30.1

203 19.4 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.31 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

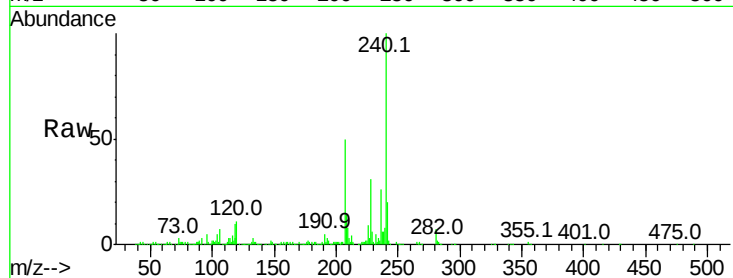
Tot Ion:240 Resp: 426542

Ion Ratio Lower Upper

240 100

120 11.1 5.7 8.5#

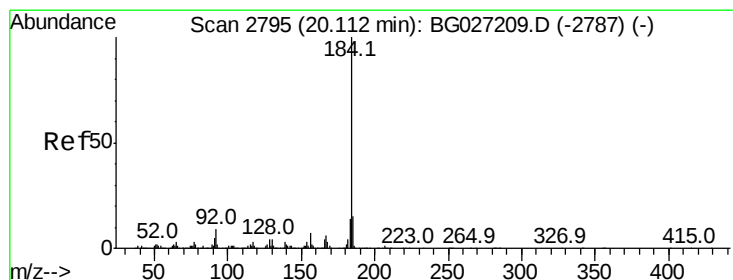
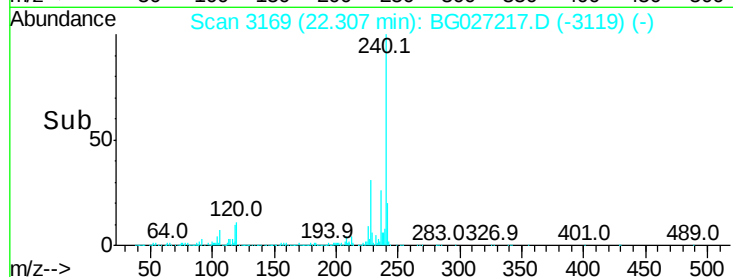
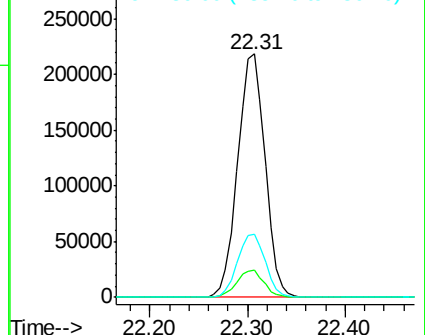
236 26.0 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.00 ng

RT: 20.11 min Scan# 2795

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

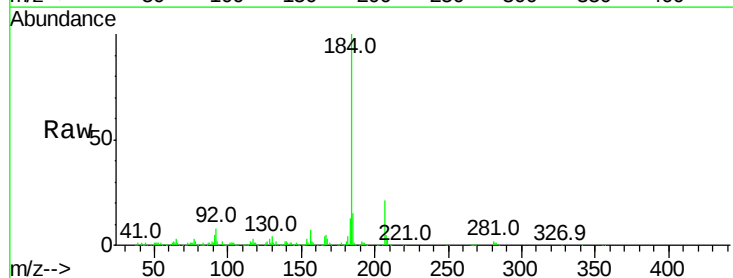
Tgt Ion:184 Resp: 372580

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

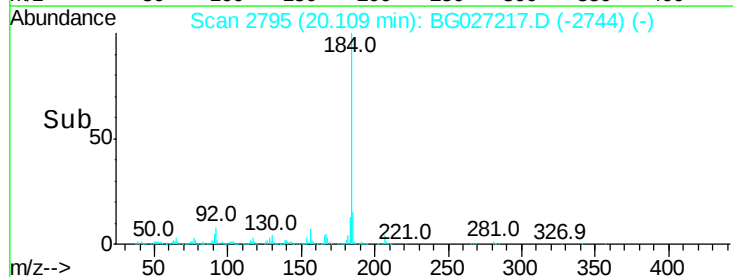
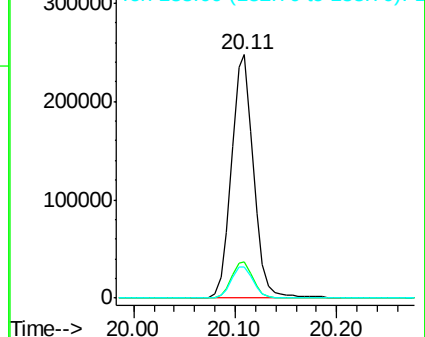
183 13.0 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.63 ng

RT: 20.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

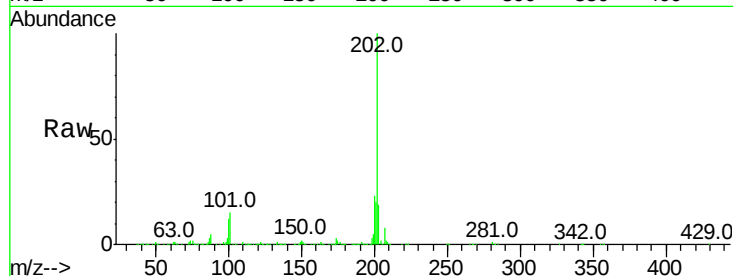
Tot Ion:202 Resp: 1124433

Ion Ratio Lower Upper

202 100

200 23.3 19.6 29.4

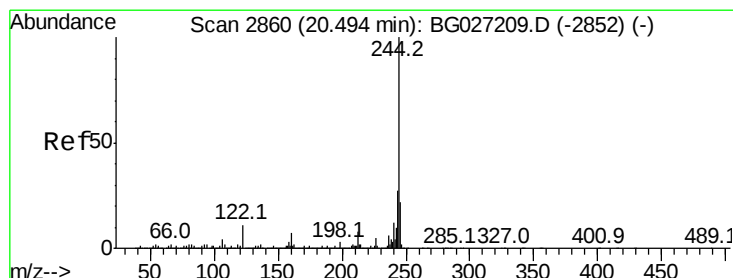
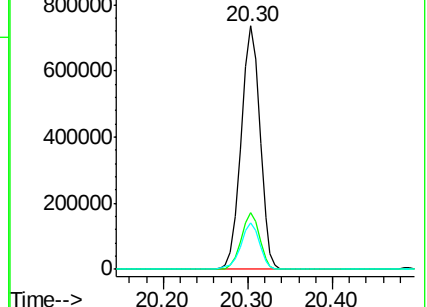
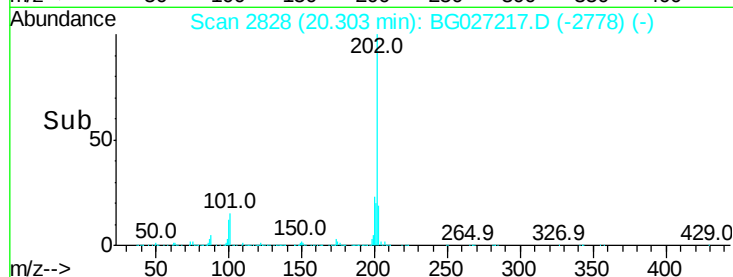
203 19.0 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.23 ng

RT: 20.49 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

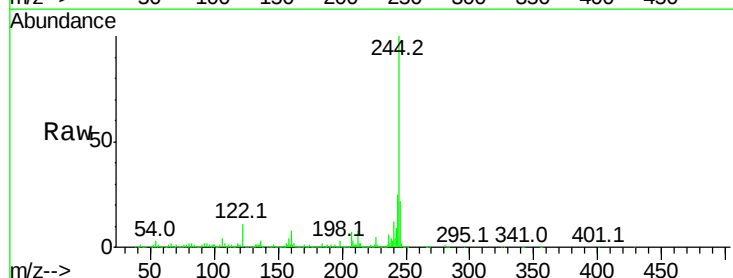
Tgt Ion:244 Resp: 1542063

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

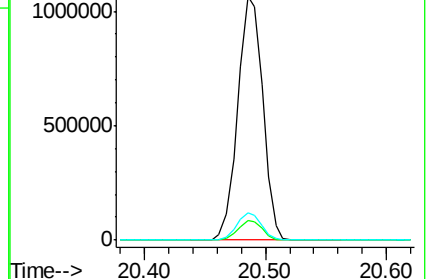
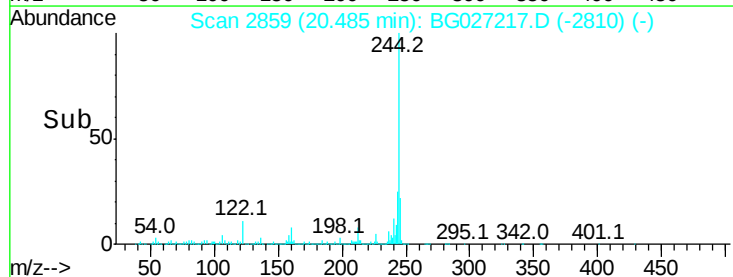
122 11.2 8.6 12.8

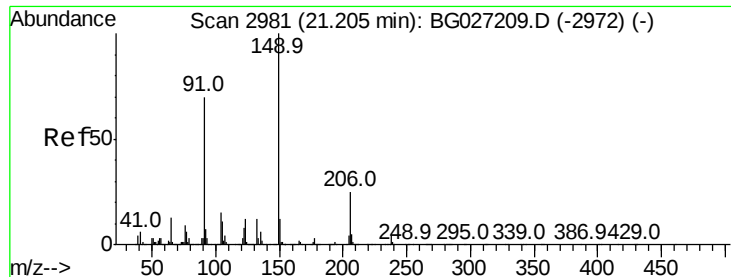


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.10 ng

RT: 21.20 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

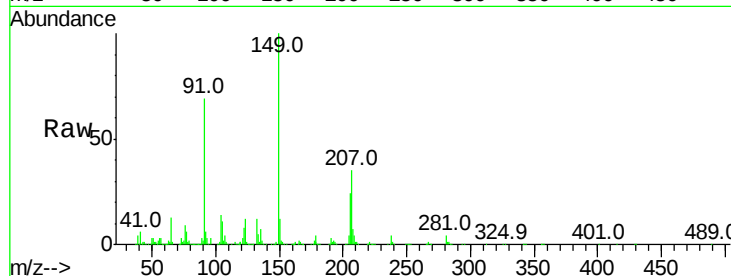
Tot Ion:149 Resp: 428905

Ion Ratio Lower Upper

149 100

91 69.4 63.5 95.3

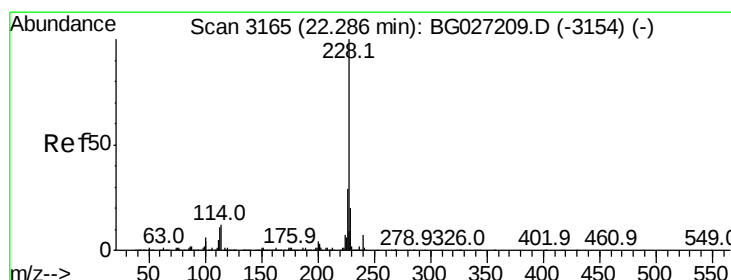
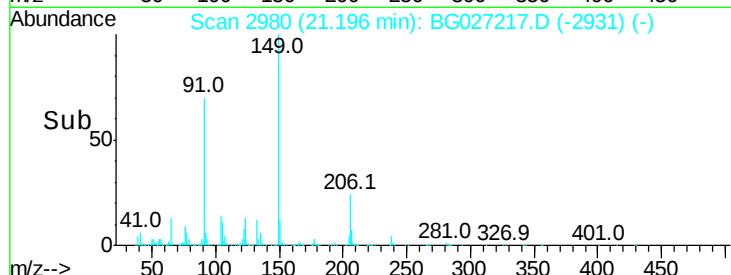
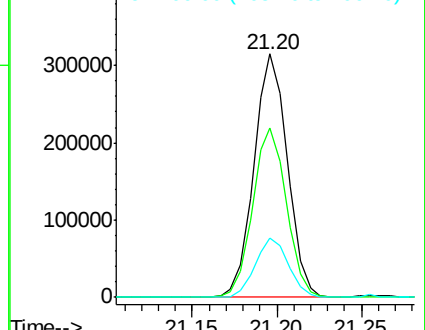
206 24.3 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.47 ng

RT: 22.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

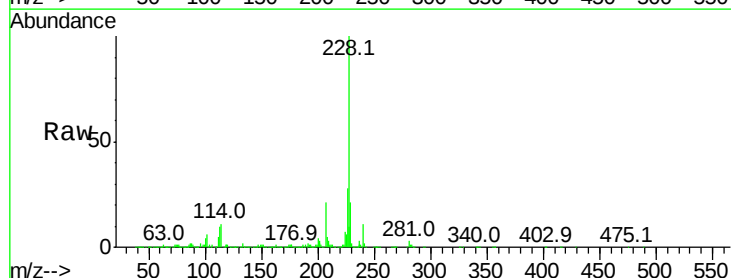
Tgt Ion:228 Resp: 1081797

Ion Ratio Lower Upper

228 100

226 28.5 24.9 37.3

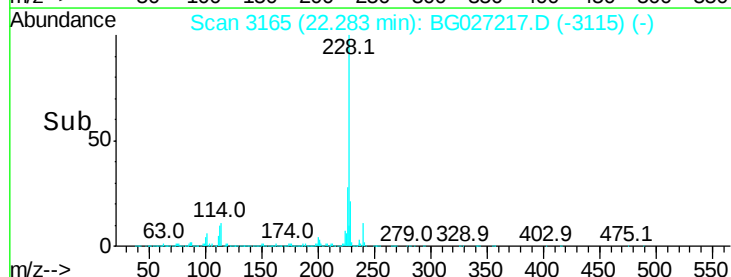
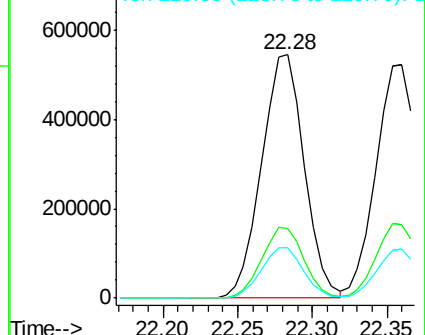
229 20.6 18.2 27.2

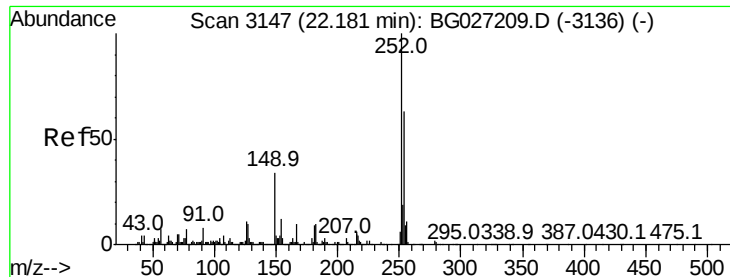


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

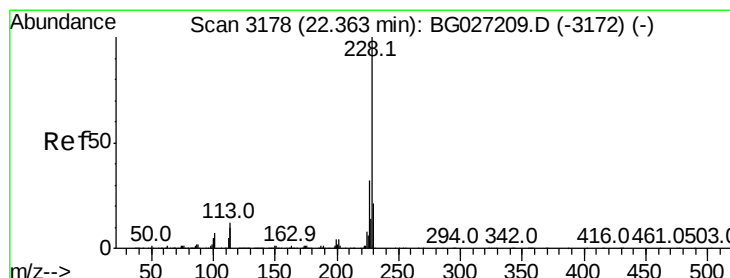
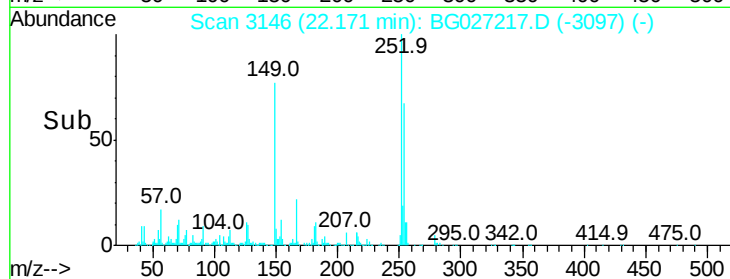
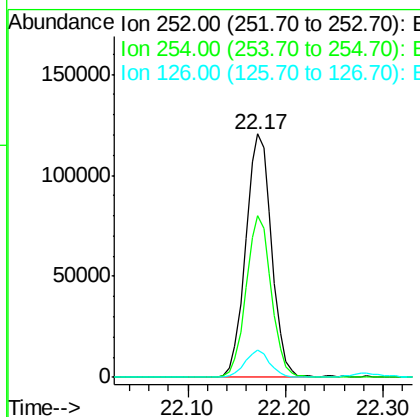
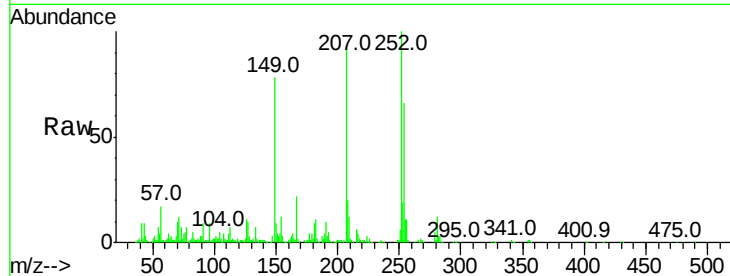




#81
 3,3'-Dichlorobenzidine
 Concen: 23.65 ng
 RT: 22.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

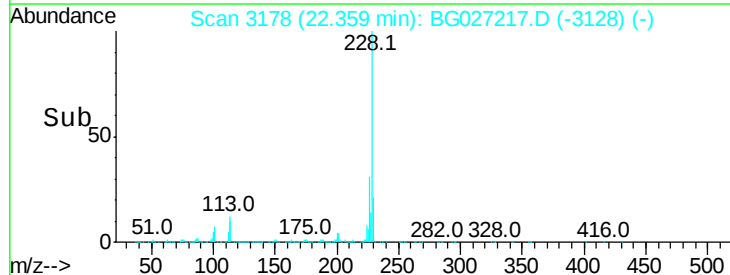
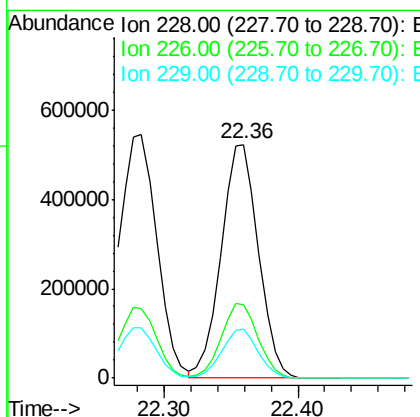
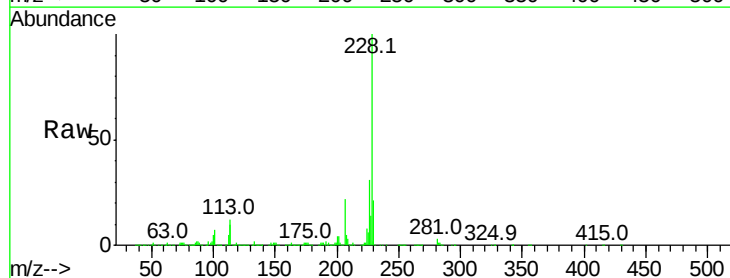
Instrument :
 BNA_G
 ClientSampleId :
 PB99459BS

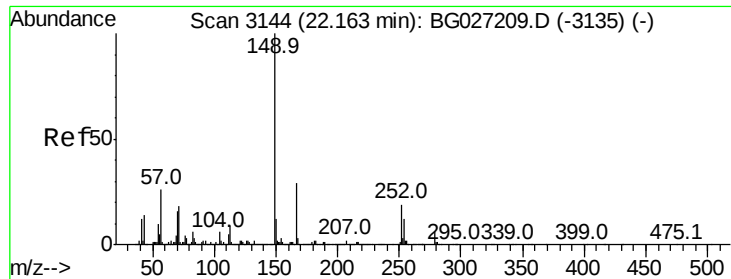
Tot Ion:252 Resp: 223771
 Ion Ratio Lower Upper
 252 100
 254 66.5 53.1 79.7
 126 11.1 7.0 10.4#



#82
 Chrysene
 Concen: 43.50 ng
 RT: 22.36 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion:228 Resp: 1015841
 Ion Ratio Lower Upper
 228 100
 226 31.5 27.0 40.4
 229 21.1 17.8 26.6

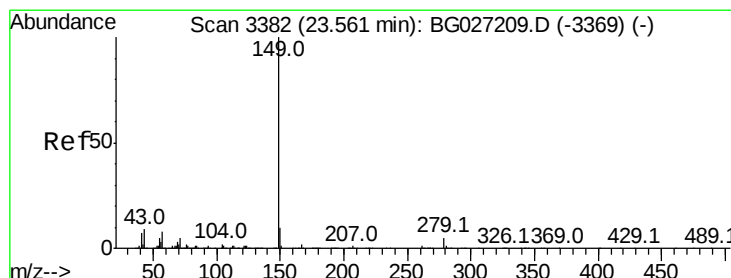
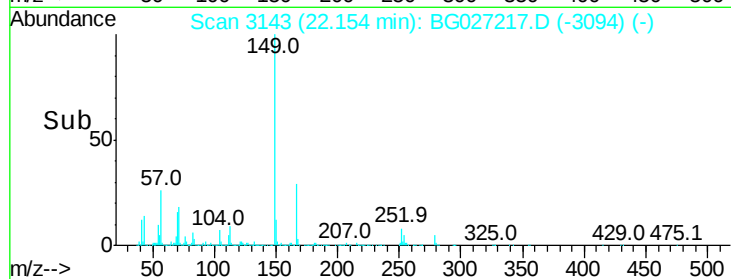
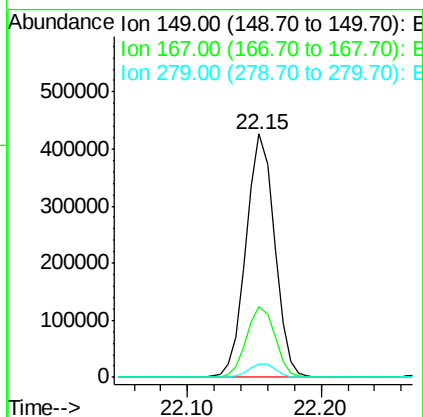
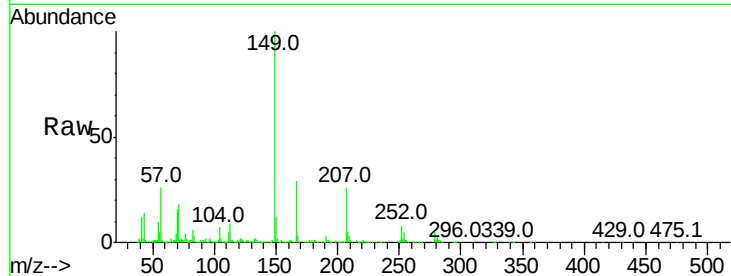




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.32 ng
 RT: 22.15 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

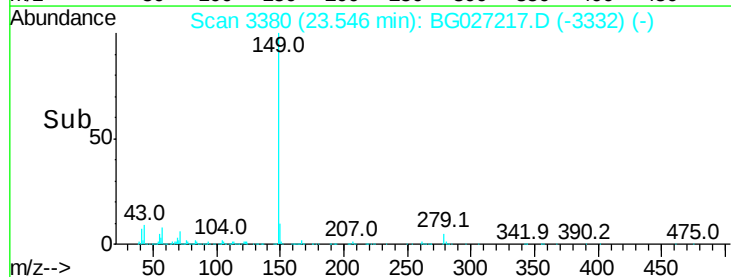
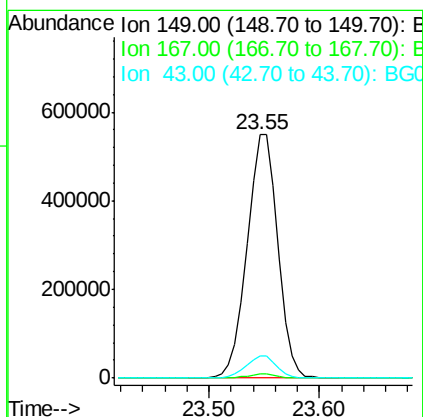
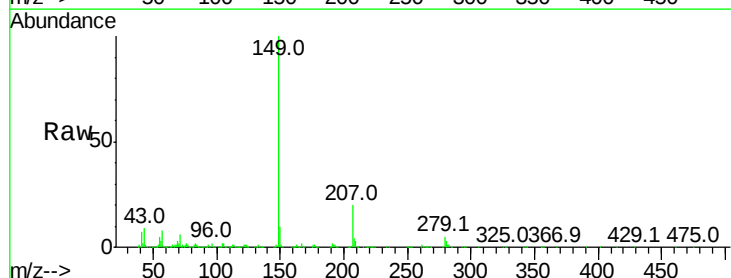
Instrument :
 BNA_G
 ClientSampled :
 PB99459BS

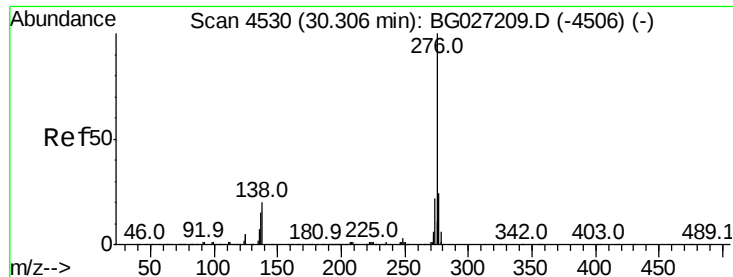
Tot Ion:149 Resp: 623620
 Ion Ratio Lower Upper
 149 100
 167 29.1 23.7 35.5
 279 5.5 4.6 6.8



#84
 Di-n-octyl phthalate
 Concen: 46.82 ng
 RT: 23.55 min Scan# 3380
 Delta R.T. -0.02 min
 Lab File: BG027217.D
 Acq: 5 Jun 2017 17:56

Tgt Ion:149 Resp: 1067112
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 9.0 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.40 ng

RT: 30.29 min Scan# 4528

Delta R.T. -0.02 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

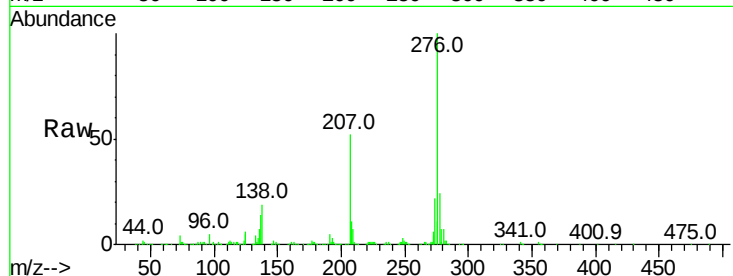
Tot Ion:276 Resp: 1284038

Ion Ratio Lower Upper

276 100

138 15.8 4.7 7.1#

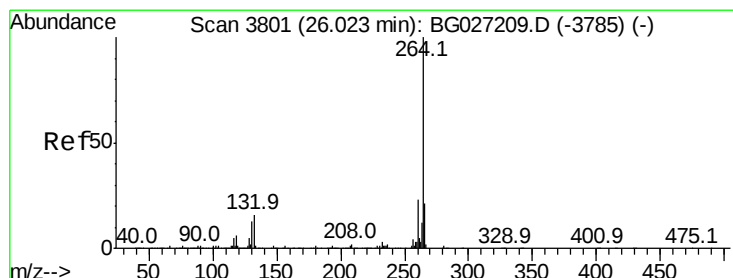
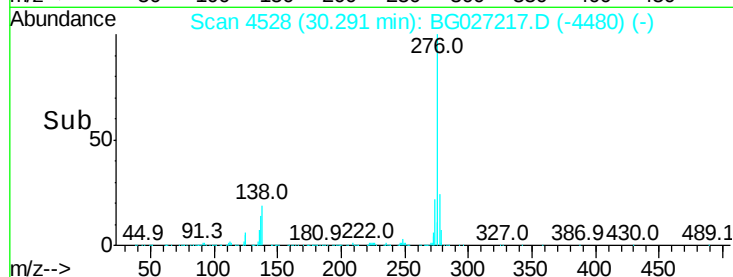
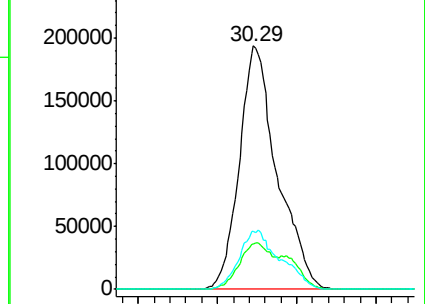
277 26.2 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 26.01 min Scan# 3799

Delta R.T. -0.02 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

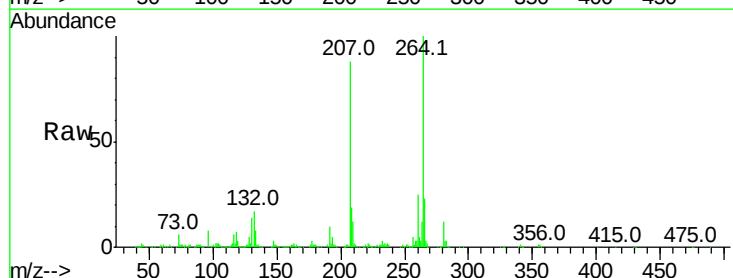
Tgt Ion:264 Resp: 400551

Ion Ratio Lower Upper

264 100

260 24.5 21.8 32.8

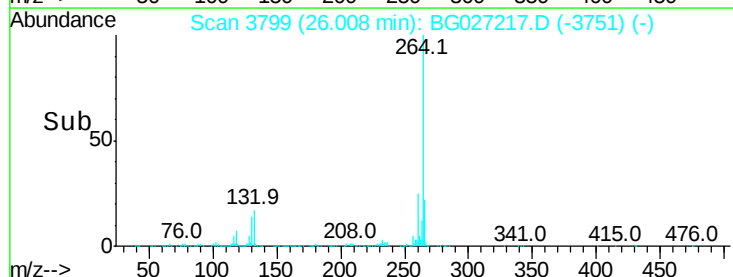
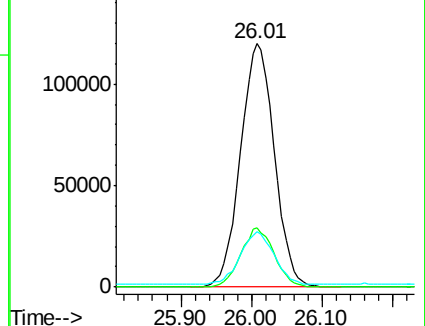
265 22.9 18.2 27.4

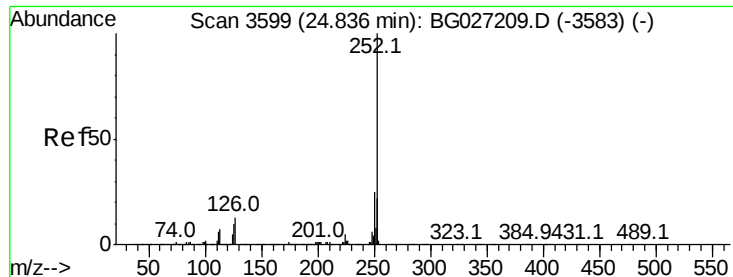


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.04 ng

RT: 24.83 min Scan# 3598

Delta R.T. -0.01 min

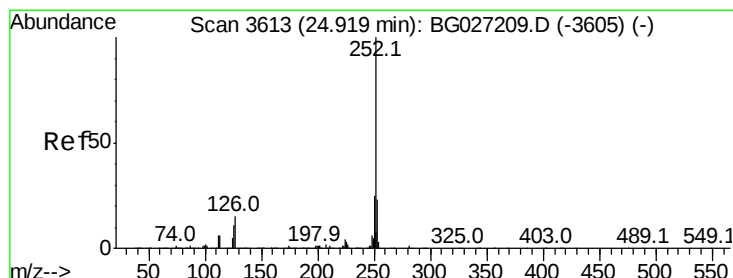
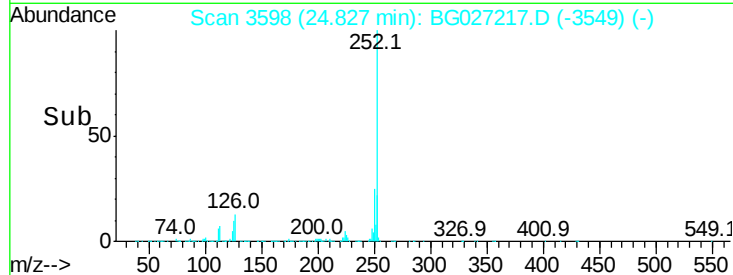
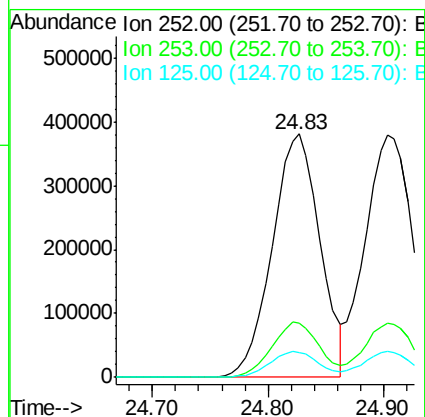
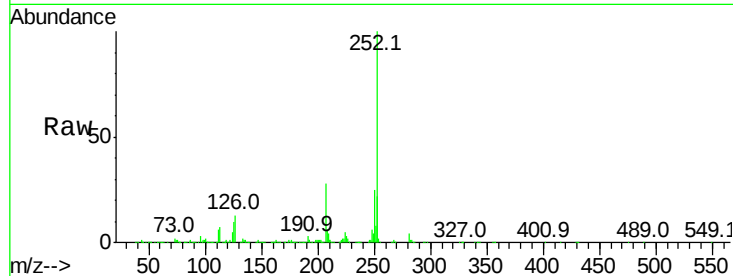
Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :
BNA_G
ClientSampleId :
PB99459BS

Tot Ion:252 Resp: 1094138

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.7	28.1
125	10.3	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 44.81 ng

RT: 24.90 min Scan# 3611

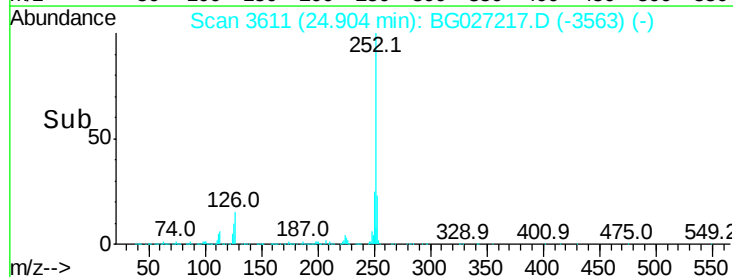
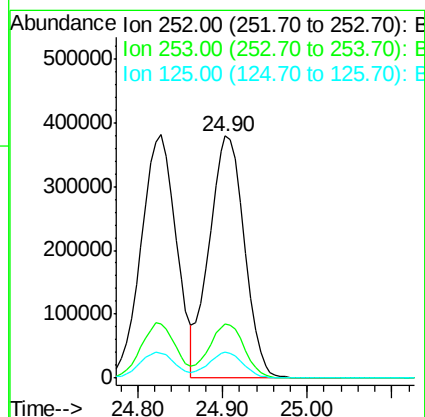
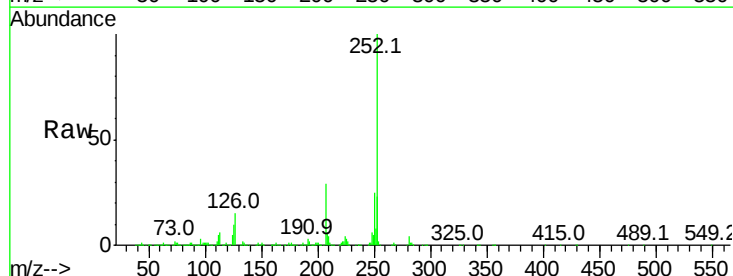
Delta R.T. -0.02 min

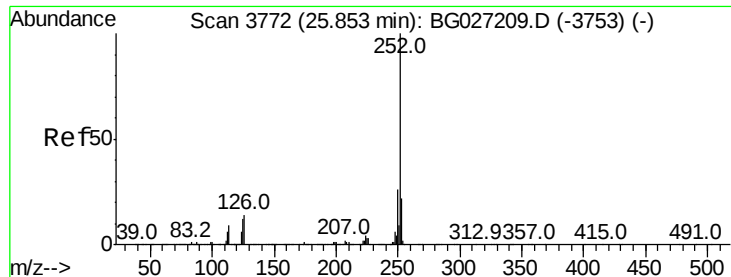
Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Tgt Ion:252 Resp: 1092088

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.2	30.2
125	10.5	5.1	7.7#

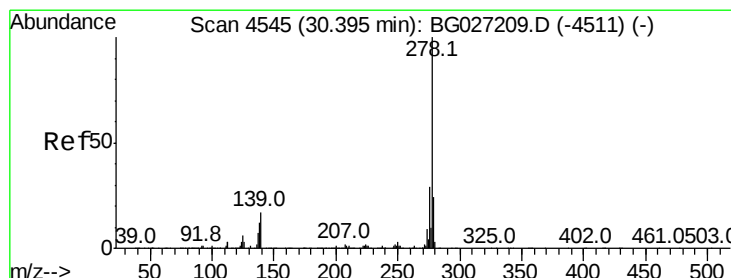
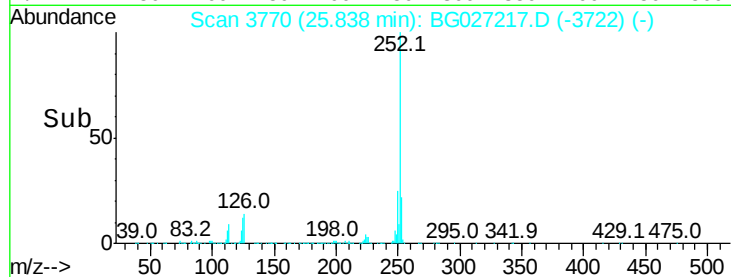
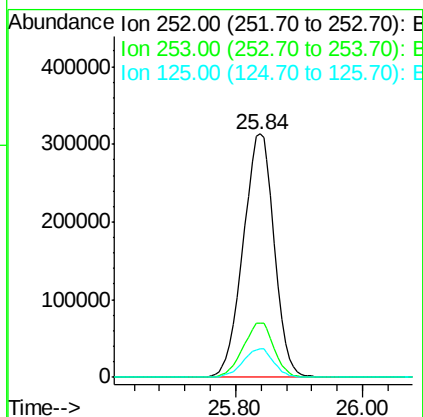
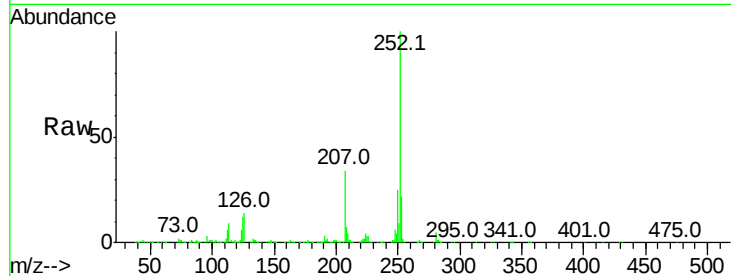




#89
Benzo(a)pyrene
Concen: 45.51 ng
RT: 25.84 min Scan# 3770
Delta R.T. -0.02 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

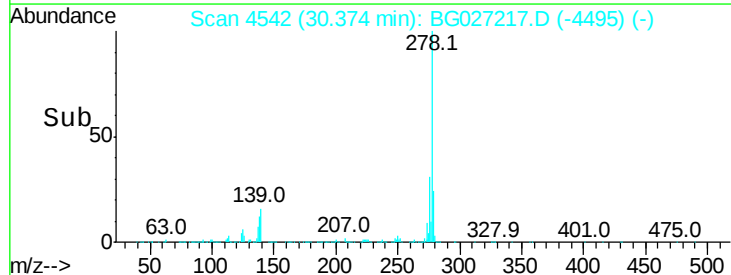
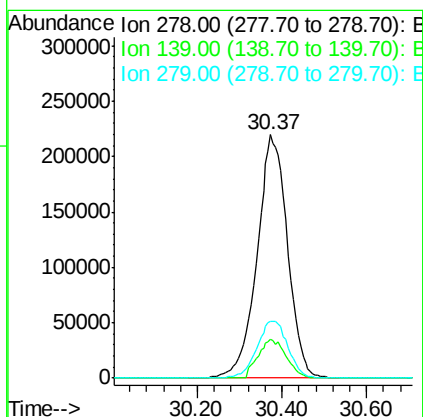
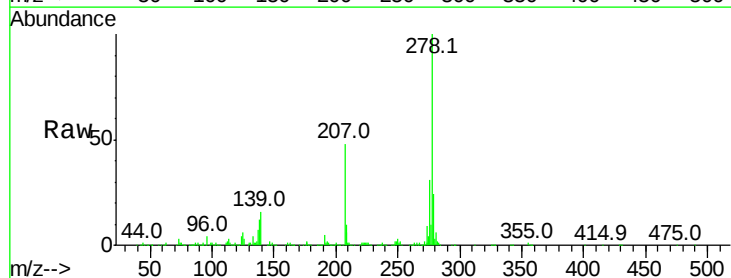
Instrument :
BNA_G
ClientSampleId :
PB99459BS

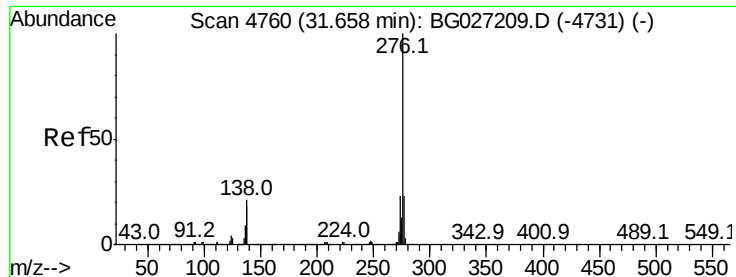
Tot Ion:252 Resp: 1064161
Ion Ratio Lower Upper
252 100
253 22.2 19.2 28.8
125 11.7 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 44.83 ng
RT: 30.37 min Scan# 4542
Delta R.T. -0.02 min
Lab File: BG027217.D
Acq: 5 Jun 2017 17:56

Tgt Ion:278 Resp: 1097495
Ion Ratio Lower Upper
278 100
139 16.0 7.7 11.5#
279 23.5 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 44.50 ng

RT: 31.64 min Scan# 4758

Delta R.T. -0.02 min

Lab File: BG027217.D

Acq: 5 Jun 2017 17:56

Instrument :

BNA_G

ClientSampleId :

PB99459BS

Tot Ion:276 Resp: 1054972

Ion Ratio Lower Upper

276 100

277 24.3 18.6 27.8

138 20.8 8.1 12.1#

