

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027219.D
 Acq On : 5 Jun 2017 19:15
 Operator : SJ/MA
 Sample : PB99457BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

Quant Time: Jun 06 04:03:16 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	54852	20.00	ng	0.00
21) Naphthalene-d8	11.40	136	269911	20.00	ng	0.00
38) Acenaphthene-d10	15.16	164	177126	20.00	ng	0.00
63) Phenanthrene-d10	17.91	188	399610	20.00	ng	0.00
75) Chrysene-d12	22.30	240	434889	20.00	ng	0.00
86) Perylene-d12	26.01	264	404615	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	568993	158.29	ng	0.00
7) Phenol-d6	7.71	99	797332	151.11	ng	0.00
23) Nitrobenzene-d5	9.74	82	404375	94.22	ng	0.00
41) 2,4,6-Tribromophenol	16.64	330	340990	146.19	ng	0.00
44) 2-Fluorobiphenyl	13.78	172	1123766	88.76	ng	0.00
78) Terphenyl-d14	20.48	244	1493350	87.60	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	48456	32.51	ng	# 80
3) Pyridine	4.54	79	154158	33.55	ng	# 73
4) n-Nitrosodimethylamine	4.45	42	72721	42.75	ng	# 52
6) Aniline	7.90	93	182173	27.42	ng	# 90
8) 2-Chlorophenol	8.14	128	200957	52.94	ng	89
9) Benzaldehyde	7.72	77	104281	28.58	ng	83
10) Phenol	7.74	94	285076	52.83	ng	# 75
11) bis(2-Chloroethyl)ether	7.98	93	188973	42.69	ng	83
12) 1,3-Dichlorobenzene	8.46	146	177941	41.56	ng	# 92
13) 1,4-Dichlorobenzene	8.61	146	182906	41.63	ng	96
14) 1,2-Dichlorobenzene	8.93	146	180694	42.17	ng	93
15) Benzyl Alcohol	8.80	79	186507	50.17	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	9.09	45	271812	42.91	ng	89
17) 2-Methylphenol	8.99	107	194413	50.97	ng	# 86
18) Hexachloroethane	9.66	117	62406	42.17	ng	# 86
19) n-Nitroso-di-n-propylamine	9.37	70	161270	43.69	ng	# 84
20) 3+4-Methylphenols	9.32	107	265039	50.16	ng	90
22) Acetophenone	9.39	105	303213	43.93	ng	# 82
24) Nitrobenzene	9.78	77	220455	45.09	ng	# 85
25) Isophorone	10.31	82	446618	44.25	ng	# 95
26) 2-Nitrophenol	10.49	139	93251	46.52	ng	# 77
27) 2,4-Dimethylphenol	10.53	122	226973	52.31	ng	91
28) bis(2-Chloroethoxy)methane	10.77	93	289130	44.25	ng	99
29) 2,4-Dichlorophenol	11.03	162	208561	52.65	ng	98
30) 1,2,4-Trichlorobenzene	11.25	180	190663	43.47	ng	99
31) Naphthalene	11.45	128	628344	42.60	ng	100
32) Benzoic acid	10.66	122	136362	45.86	ng	# 84
33) 4-Chloroaniline	11.54	127	49401	8.04	ng	# 88
34) Hexachlorobutadiene	11.72	225	112226	41.63	ng	97
35) Caprolactam	12.33	113	34558	25.44	ng	# 69
36) 4-Chloro-3-methylphenol	12.61	107	247120	49.77	ng	90
37) 2-Methylnaphthalene	13.01	142	471788	43.84	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	235792	42.73	ng	97
40) Hexachlorocyclopentadiene	13.35	237	315740	107.51	ng	96

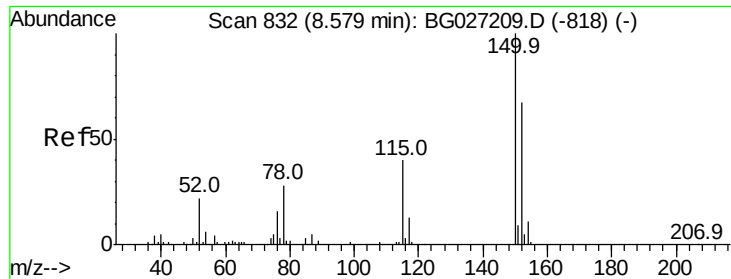
Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
 Data File : BG027219.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	167735	50.12	nq	96
43) 2,4,5-Trichlorophenol	13.66	196	181998	48.60	nq	94
45) 1,1'-Biphenyl	13.99	154	635172	43.93	nq	97
46) 2-Chloronaphthalene	14.05	162	481347	44.41	nq	98
47) 2-Nitroaniline	14.23	65	138151	45.27	nq	# 76
48) Acenaphthylene	14.89	152	776284	42.32	nq	99
49) Dimethylphthalate	14.60	163	648976	46.19	nq	97
50) 2,6-Dinitrotoluene	14.72	165	130457	45.97	nq	# 77
51) Acenaphthene	15.22	154	550654	46.15	nq	99
52) 3-Nitroaniline	15.04	138	44936	18.94	nq	86
53) 2,4-Dinitrophenol	15.25	184	127047	88.24	nq	93
54) Dibenzofuran	15.56	168	775524	46.51	nq	91
55) 4-Nitrophenol	15.33	139	232129	86.89	nq	# 53
56) 2,4-Dinitrotoluene	15.50	165	177765	48.58	nq	# 88
57) Fluorene	16.20	166	623510	42.10	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	177115	52.98	nq	99
59) Diethylphthalate	15.95	149	643484	45.91	nq	98
60) 4-Chlorophenyl-phenylether	16.18	204	326233	43.73	nq	91
61) 4-Nitroaniline	16.21	138	132278	44.19	nq	# 65
62) Azobenzene	16.48	77	624527	48.08	nq	89
64) 4,6-Dinitro-2-methylphenol	16.26	198	91164	50.42	nq	94
65) n-Nitrosodiphenylamine	16.40	169	565239	45.12	nq	98
66) 4-Bromophenyl-phenylether	17.08	248	215754	45.62	nq	95
67) Hexachlorobenzene	17.21	284	227455	44.71	nq	# 89
68) Atrazine	17.34	200	196753	46.96	nq	98
69) Pentachlorophenol	17.55	266	276491	92.72	nq	97
70) Phenanthrene	17.95	178	989520	44.01	nq	97
71) Anthracene	18.04	178	1000338	44.41	nq	99
72) Carbazole	18.31	167	860093	40.49	nq	95
73) Di-n-butylphthalate	18.84	149	964258	46.81	nq	# 93
74) Fluoranthene	19.94	202	1057144	44.01	nq	95
76) Benzidine	20.10	184	231955	17.71	nq	96
77) Pyrene	20.30	202	1089548	41.47	nq	97
79) Butylbenzylphthalate	21.20	149	432178	46.55	nq	91
80) Benzo(a)anthracene	22.28	228	1081889	43.62	nq	97
81) 3,3'-Dichlorobenzidine	22.17	252	161479	16.74	nq	98
82) Chrysene	22.35	228	1021419	42.90	nq	97
83) Bis(2-ethylhexyl)phthalate	22.15	149	629237	44.85	nq	99
84) Di-n-octyl phthalate	23.55	149	1080524	46.50	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.29	276	1300275	45.09	nq	# 94
87) Benzo(b)fluoranthene	24.82	252	1103593	43.98	nq	# 96
88) Benzo(k)fluoranthene	24.90	252	1093847	44.43	nq	# 93
89) Benzo(a)pyrene	25.84	252	1065361	45.10	nq	# 94
90) Dibenzo(a,h)anthracene	30.38	278	1113216	45.02	nq	# 96
91) Benzo(g,h,i)perylene	31.64	276	1063285	44.40	nq	# 91

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

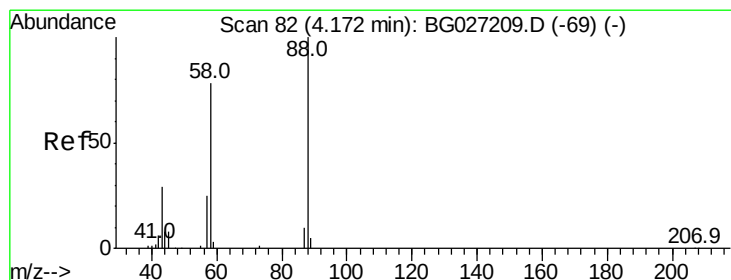
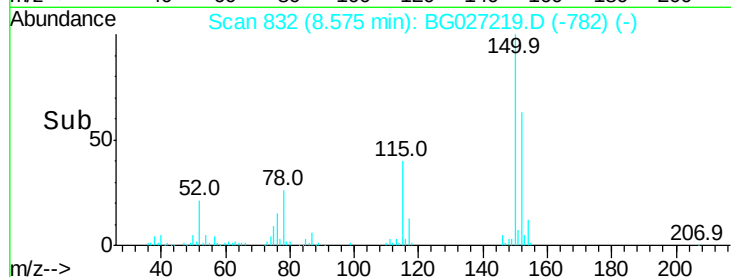
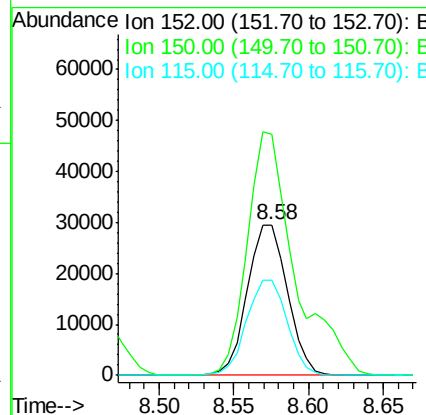
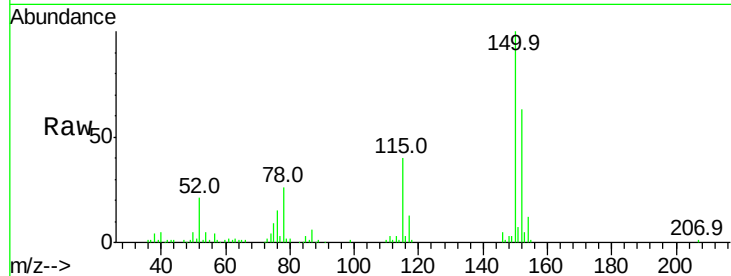


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.58 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Instrument :
BNA_G
ClientSampleId :
PB99457BS

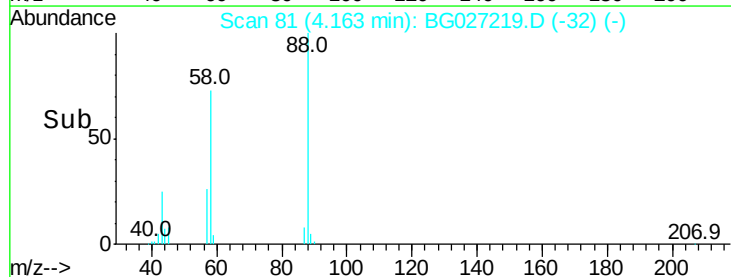
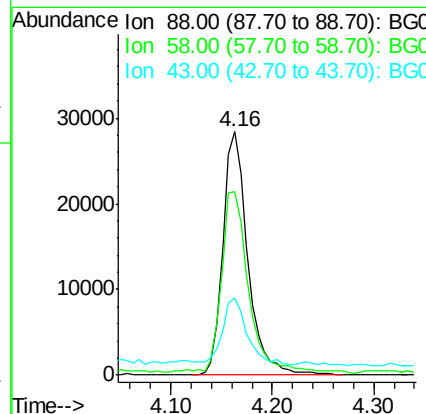
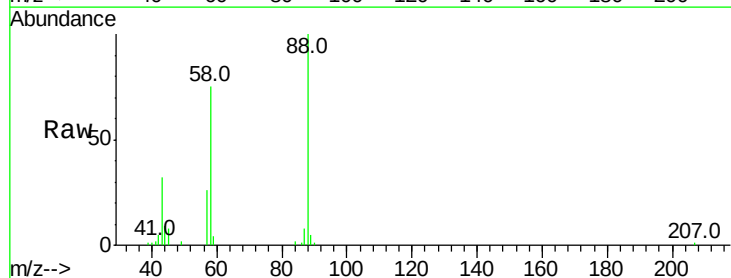
Tot Ion:152 Resp: 54852
Ion Ratio Lower Upper
152 100
150 159.8 114.0 171.0
115 63.5 48.1 72.1

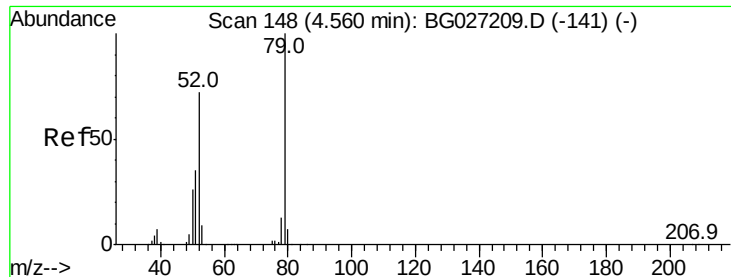


#2

1,4-Dioxane
Concen: 32.51 ng
RT: 4.16 min Scan# 81
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion: 88 Resp: 48456
Ion Ratio Lower Upper
88 100
58 81.1 79.4 119.2
43 26.9 33.8 50.6#





#3

Pvridine

Concen: 33.55 ng

RT: 4.54 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

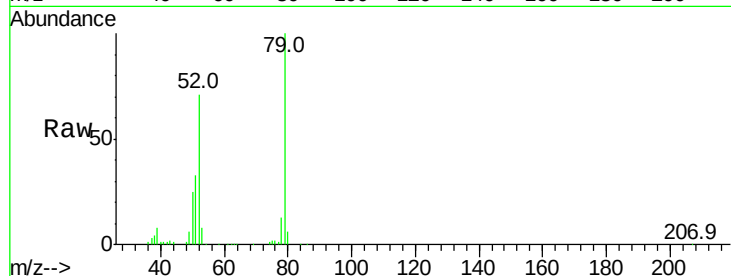
Tot Ion: 79 Resp: 154158

Ion Ratio Lower Upper

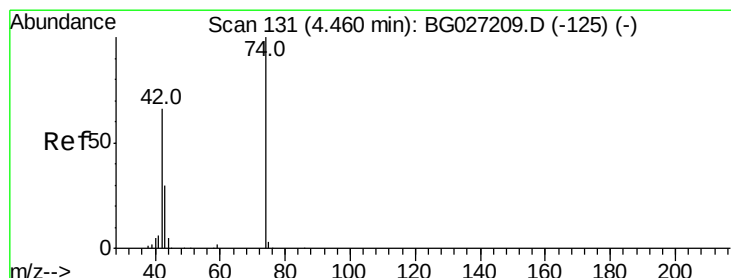
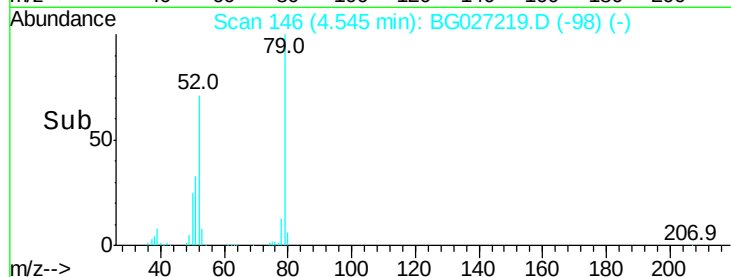
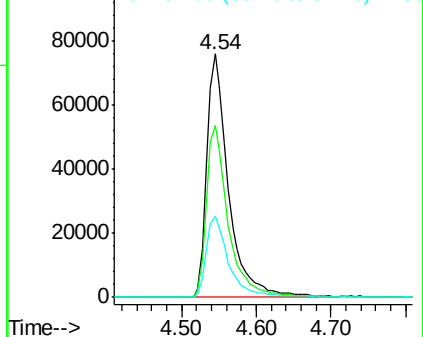
79 100

52 70.8 77.8 116.6#

51 33.4 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.75 ng

RT: 4.45 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

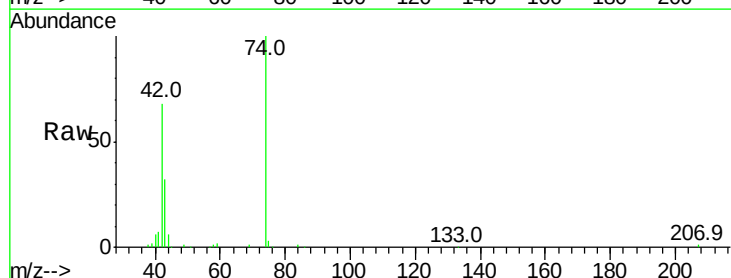
Tgt Ion: 42 Resp: 72721

Ion Ratio Lower Upper

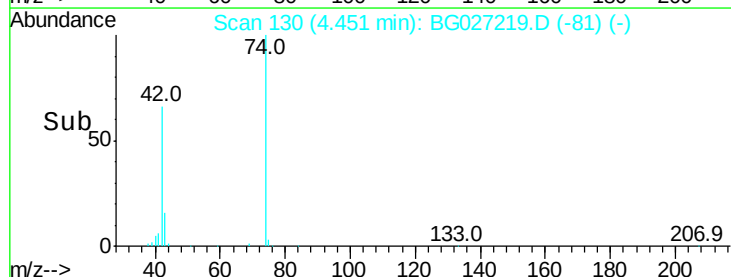
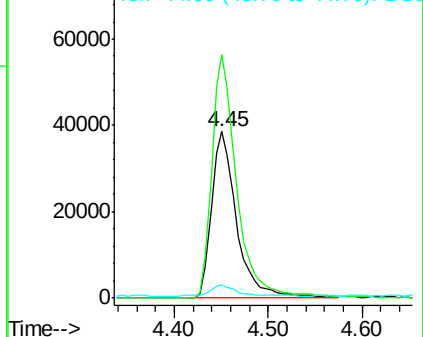
42 100

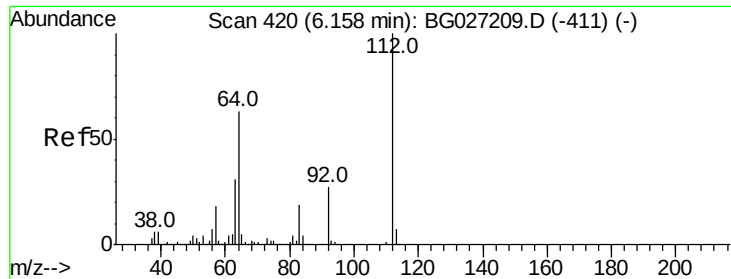
74 146.0 76.7 115.1#

44 8.3 6.1 9.1



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 158.29 ng

RT: 6.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

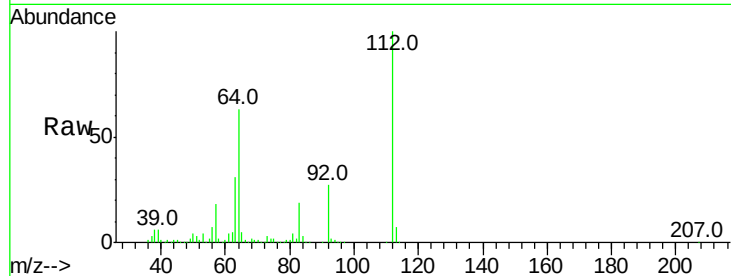
Tot Ion:112 Resp: 568993

Ion Ratio Lower Upper

112 100

64 62.7 61.8 92.6

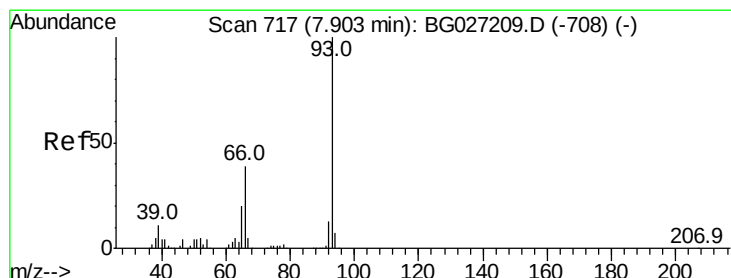
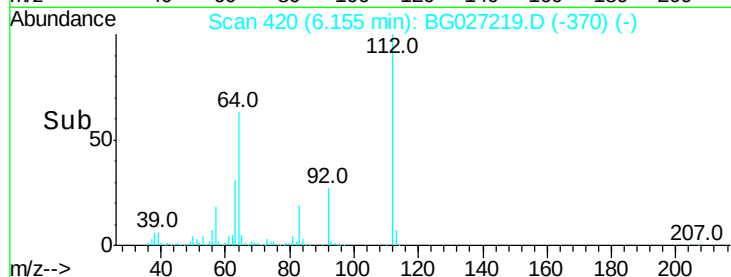
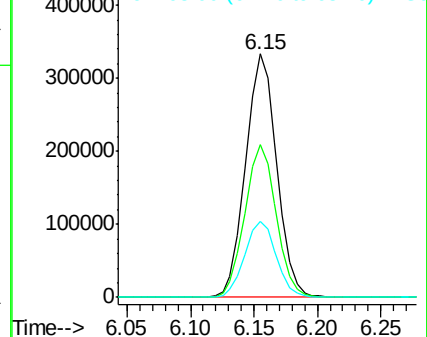
63 31.4 37.2 55.8#



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: 27.42 ng

RT: 7.90 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

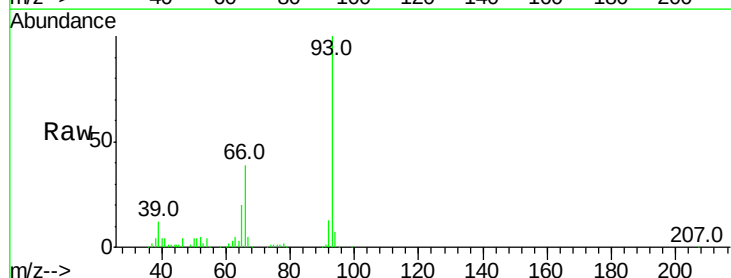
Tgt Ion: 93 Resp: 182173

Ion Ratio Lower Upper

93 100

66 38.8 35.4 53.2

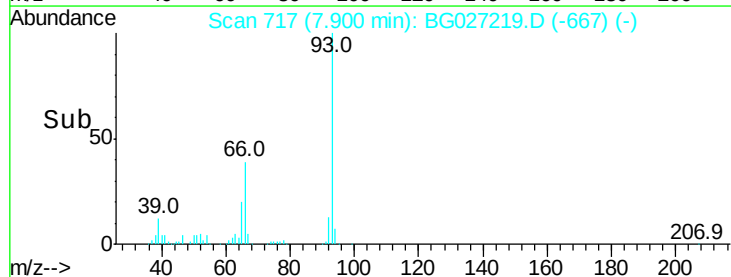
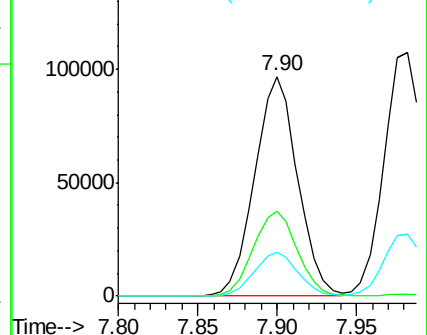
65 19.7 21.2 31.8#

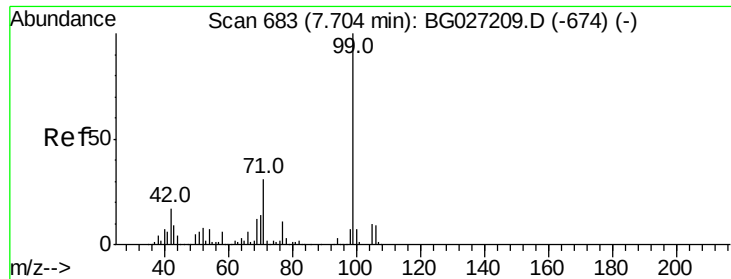


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.11 ng

RT: 7.71 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampled :

PB99457BS

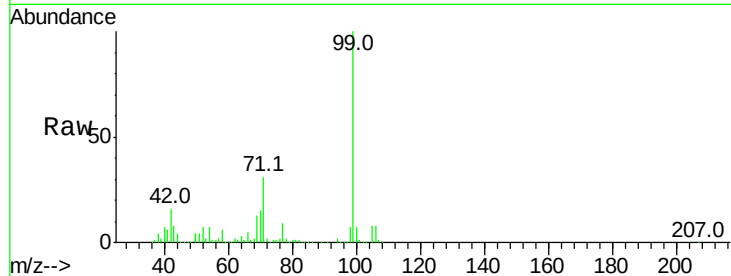
Tot Ion: 99 Resp: 797332

Ion Ratio Lower Upper

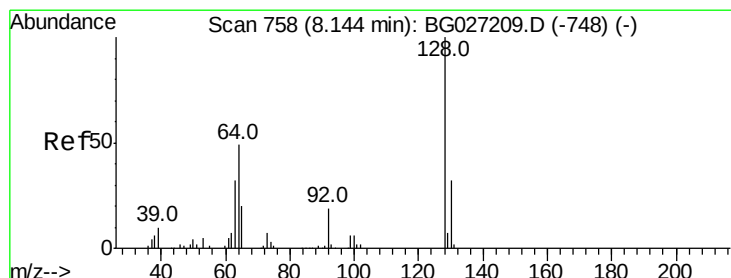
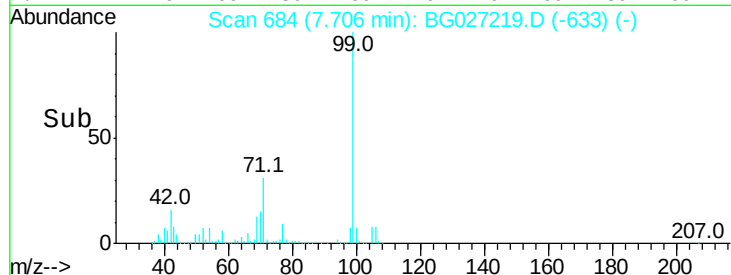
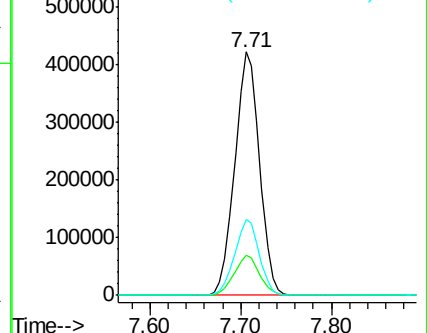
99 100

42 16.4 20.5 30.7#

71 31.0 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: 52.94 ng

RT: 8.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

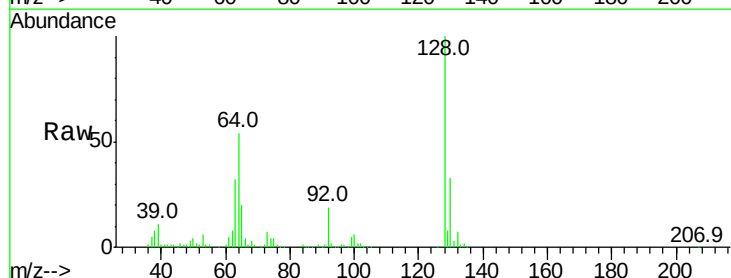
Tgt Ion:128 Resp: 200957

Ion Ratio Lower Upper

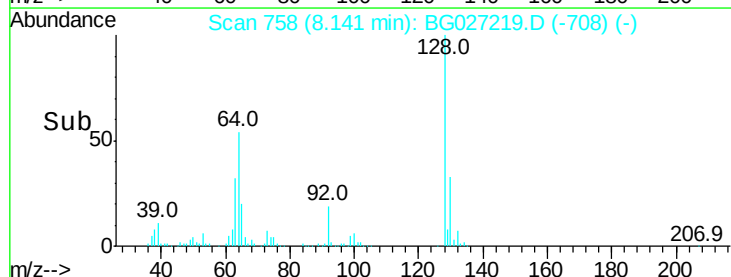
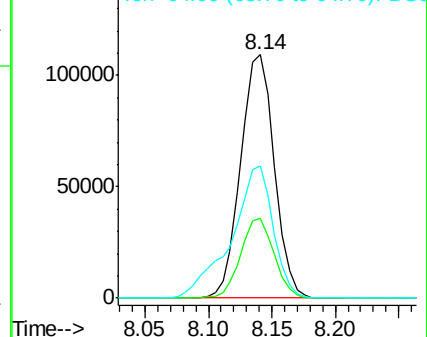
128 100

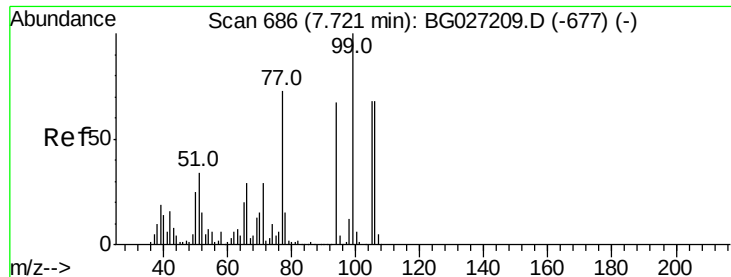
130 32.9 11.4 51.4

64 54.2 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: 28.58 ng

RT: 7.72 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

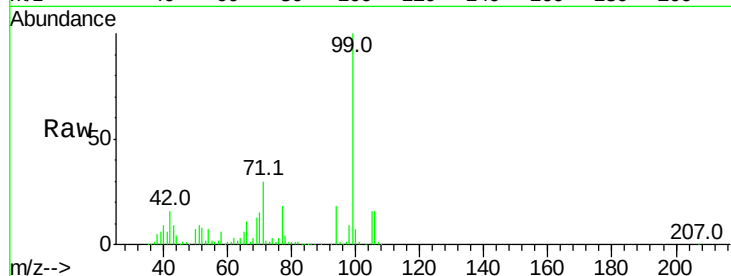
Tot Ion: 77 Resp: 104281

Ion Ratio Lower Upper

77 100

105 93.4 60.9 100.9

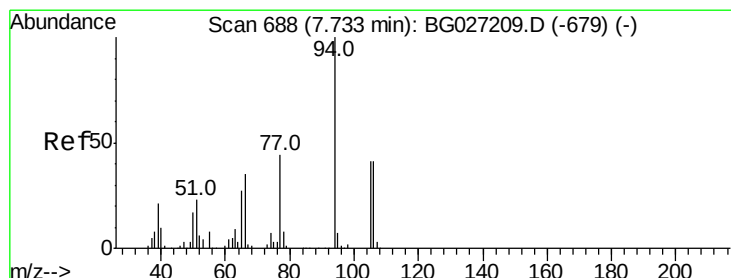
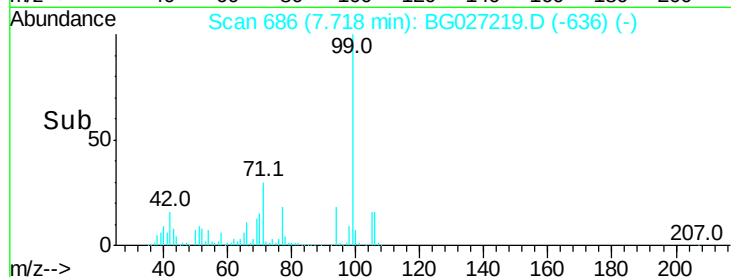
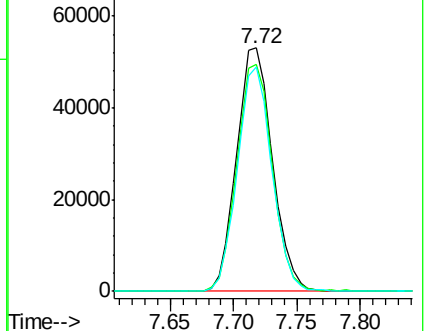
106 92.0 55.1 95.1



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: 52.83 ng

RT: 7.74 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

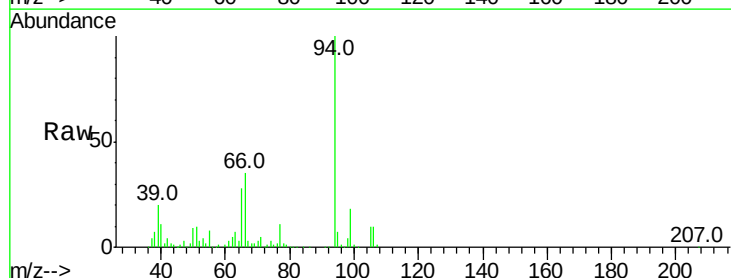
Tgt Ion: 94 Resp: 285076

Ion Ratio Lower Upper

94 100

65 27.9 20.6 60.6

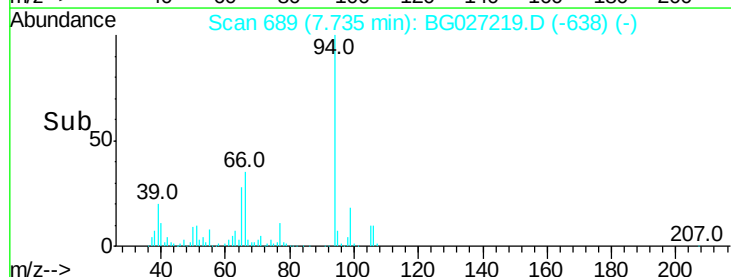
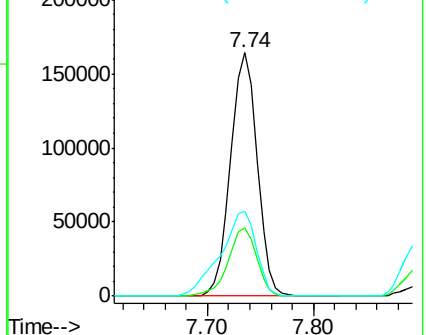
66 34.7 35.5 75.5#

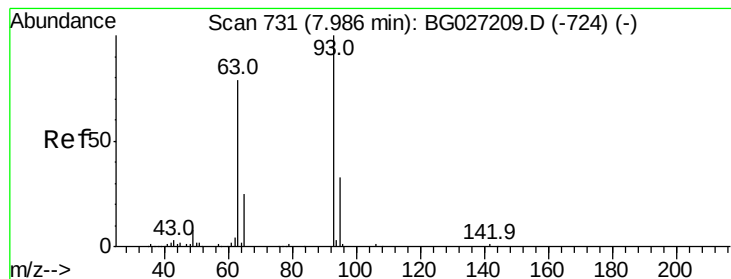


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

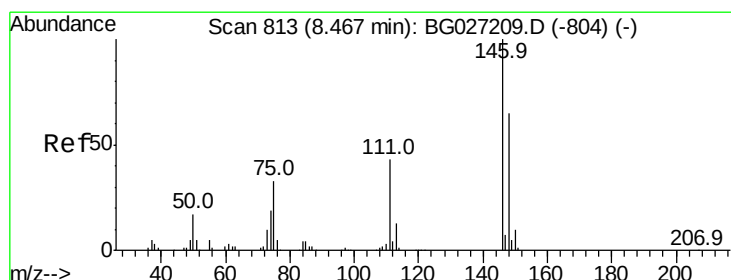
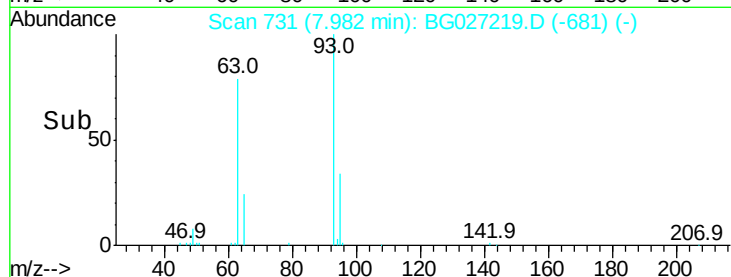
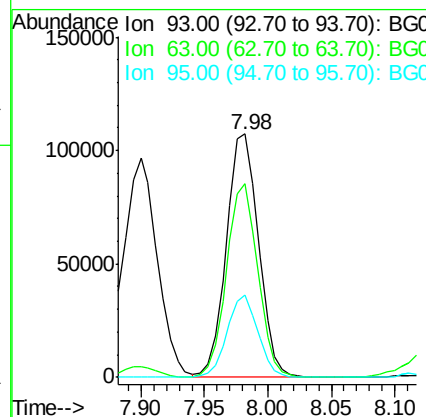
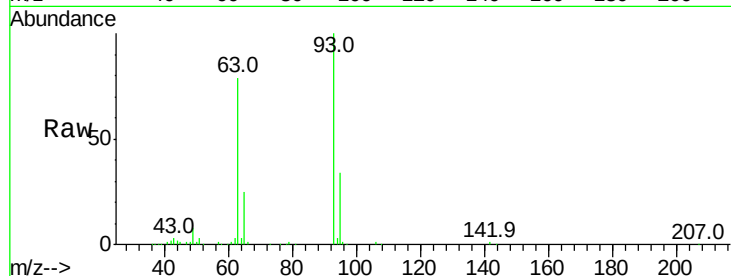




#11
bis(2-Chloroethyl)ether
Concen: 42.69 ng
RT: 7.98 min Scan# 731
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

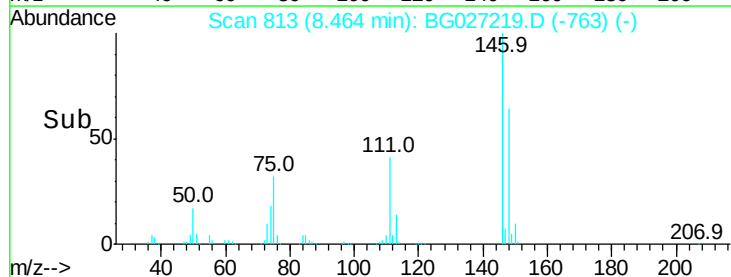
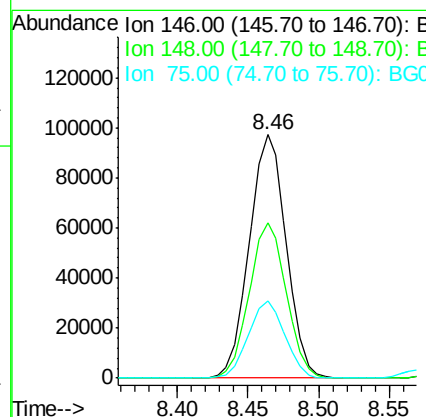
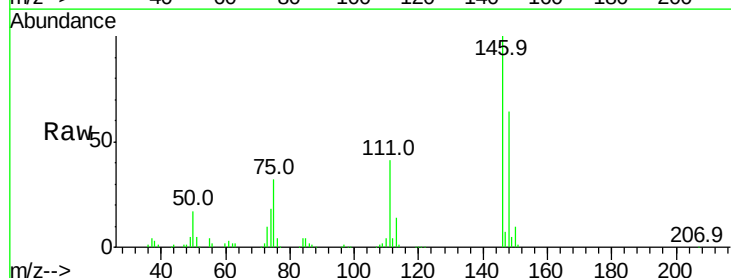
Instrument :
BNA_G
ClientSampleId :
PB99457BS

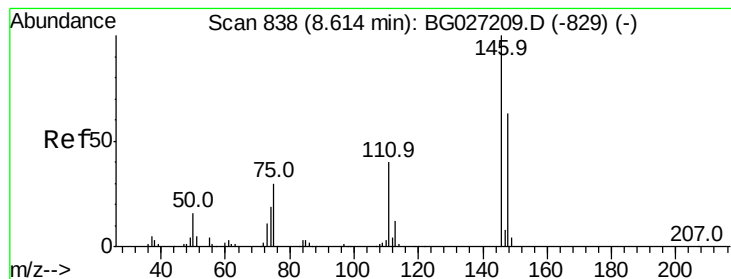
Tot Ion: 93 Resp: 188973
Ion Ratio Lower Upper
93 100
63 79.3 78.5 118.5
95 33.8 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 41.56 ng
RT: 8.46 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion: 146 Resp: 177941
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
75 32.0 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 41.63 ng

RT: 8.61 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

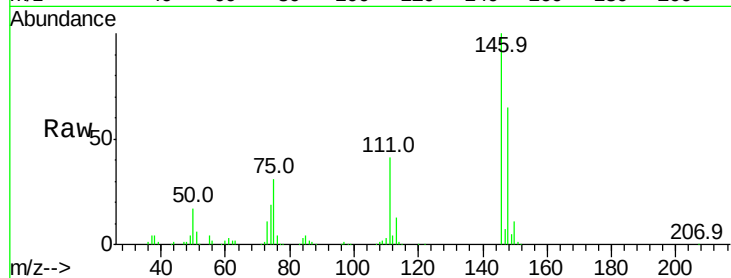
Tot Ion:146 Resp: 182906

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

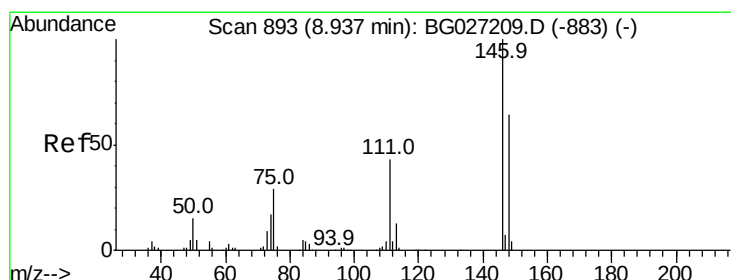
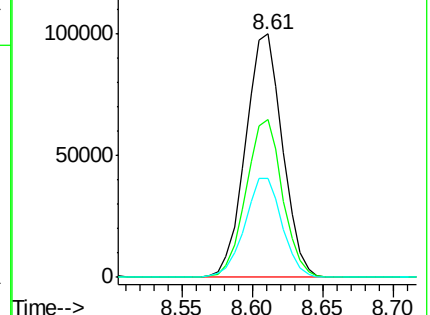
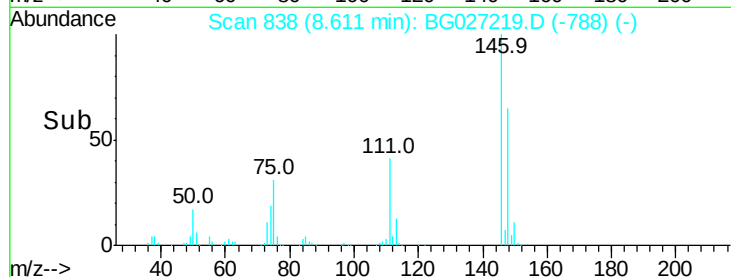
111 40.7 37.0 55.6



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: 42.17 ng

RT: 8.93 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

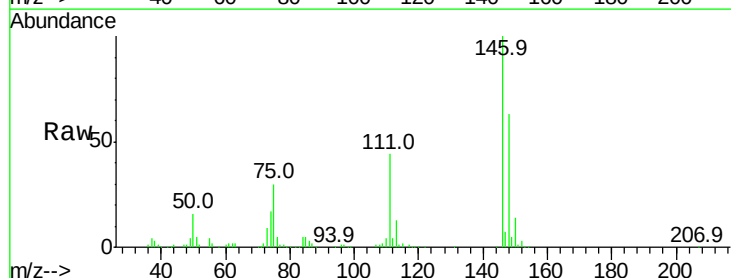
Tgt Ion:146 Resp: 180694

Ion Ratio Lower Upper

146 100

148 63.1 54.6 81.8

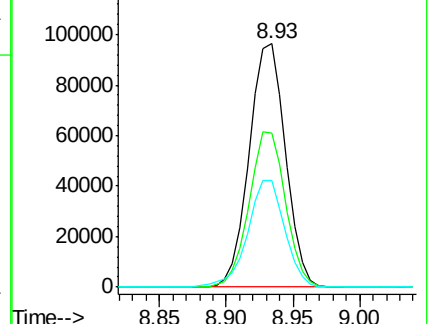
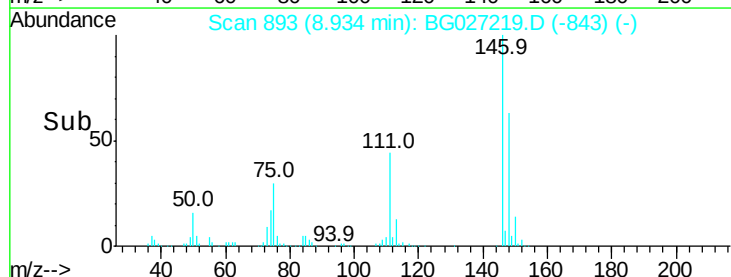
111 43.8 39.7 59.5

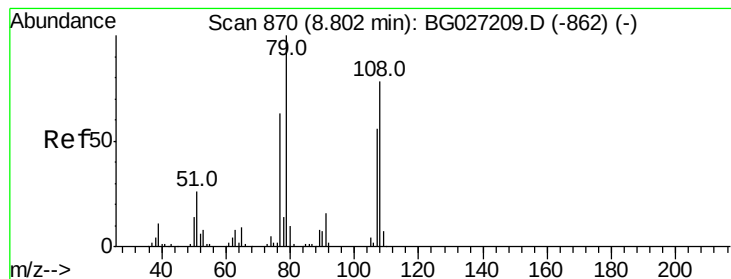


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.17 ng

RT: 8.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

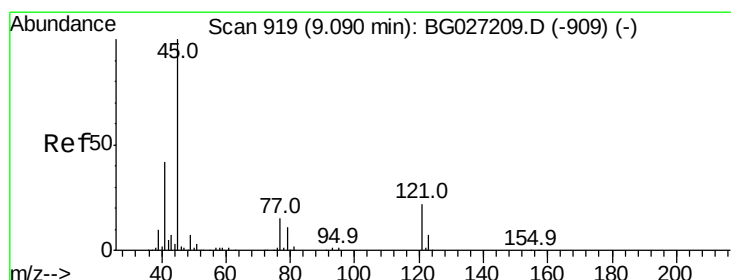
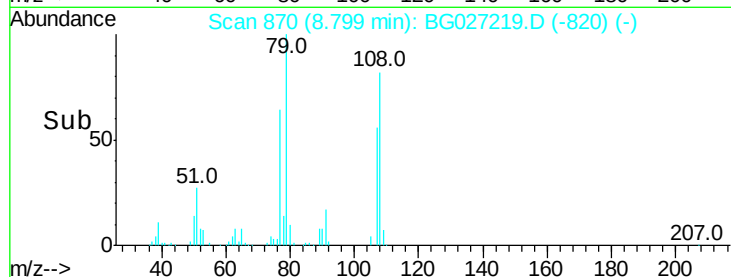
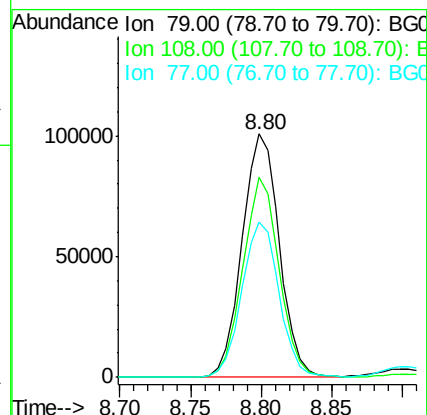
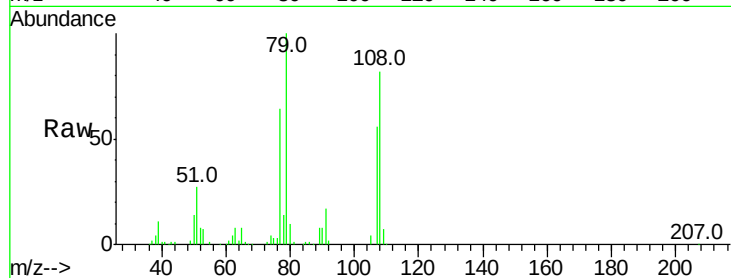
Tot Ion: 79 Resp: 186507

Ion Ratio Lower Upper

79 100

108 82.1 45.5 68.3#

77 63.5 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.91 ng

RT: 9.09 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

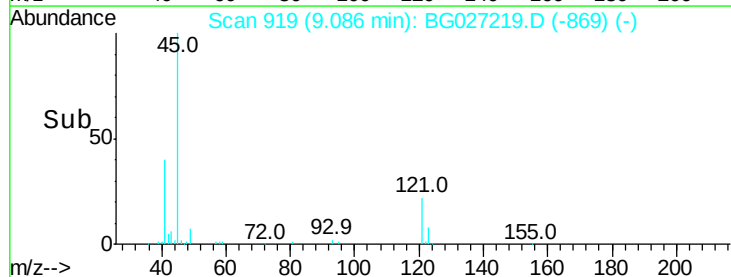
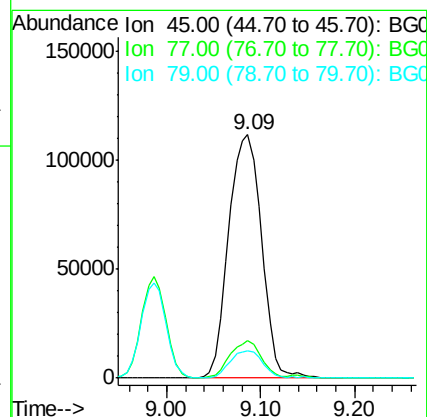
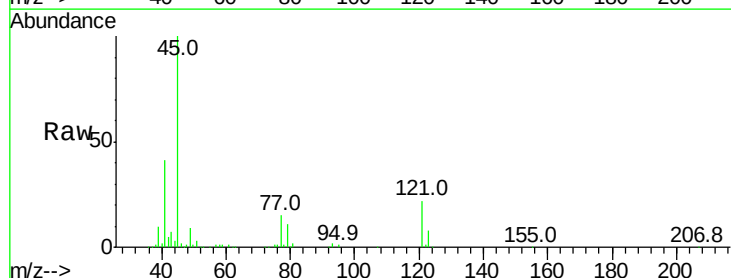
Tgt Ion: 45 Resp: 271812

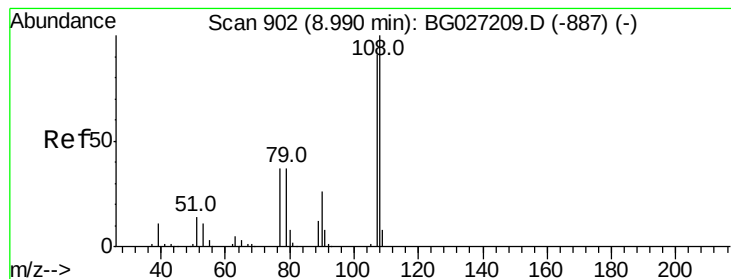
Ion Ratio Lower Upper

45 100

77 15.4 0.0 30.6

79 11.5 0.0 28.5





#17

2-Methylphenol

Concen: 50.97 ng

RT: 8.99 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

Tot Ion:107 Resp: 194413

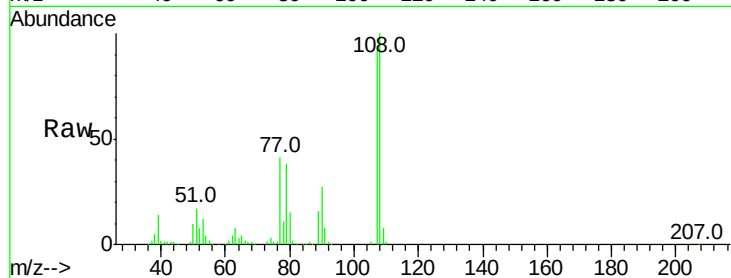
Ion Ratio Lower Upper

107 100

108 107.4 85.6 128.4

77 44.3 51.4 77.2#

79 41.2 49.2 73.8#

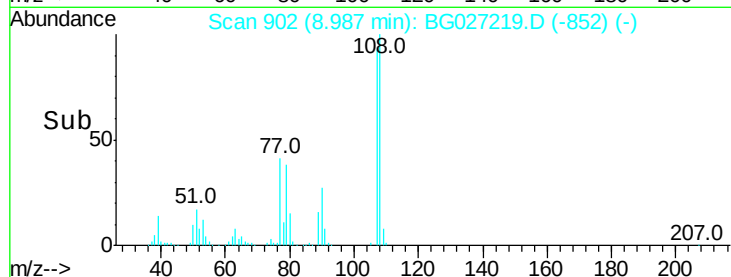


Abundance Ion 107.00 (106.70 to 107.70): E

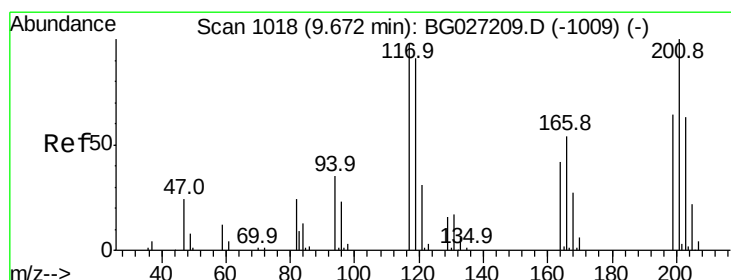
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 42.17 ng

RT: 9.66 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

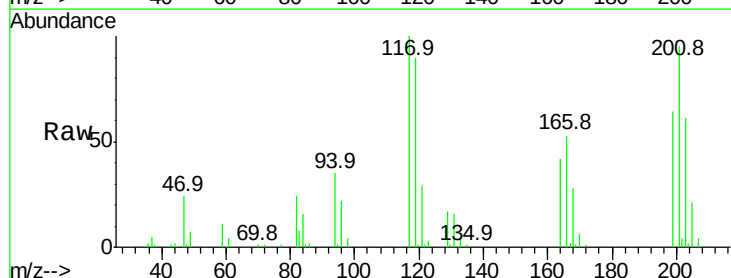
Tgt Ion:117 Resp: 62406

Ion Ratio Lower Upper

117 100

119 90.0 69.8 104.6

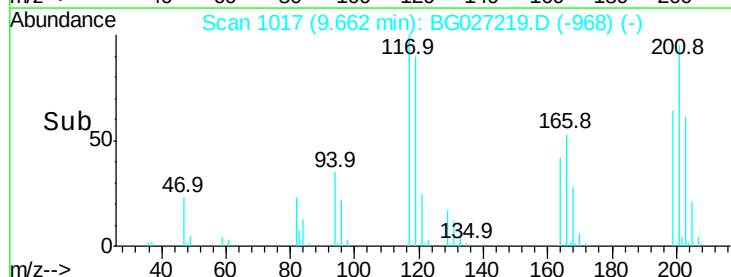
201 95.2 95.4 143.0#



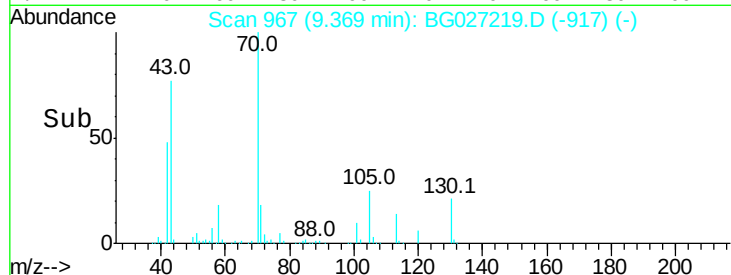
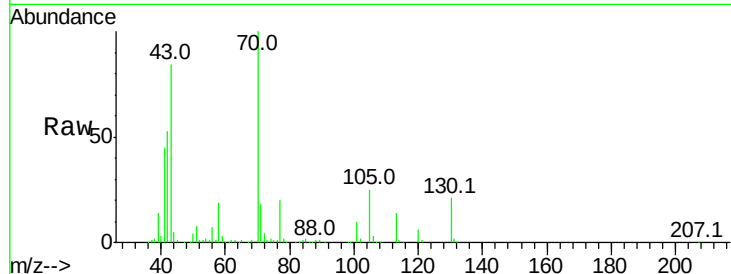
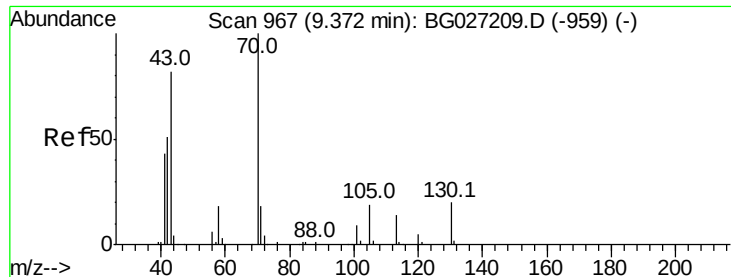
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



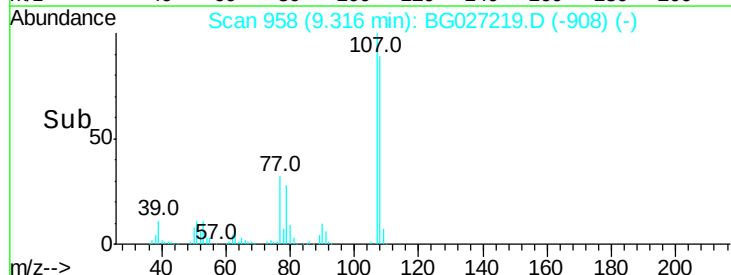
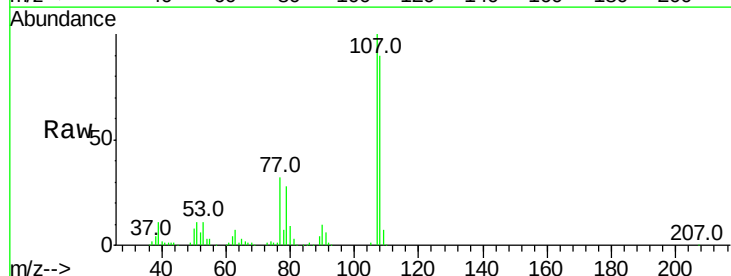
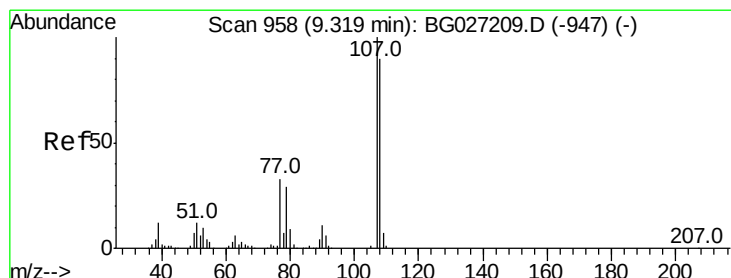
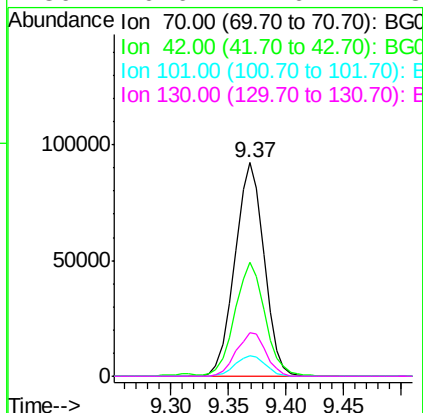
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.69 ng
RT: 9.37 min Scan# 967
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

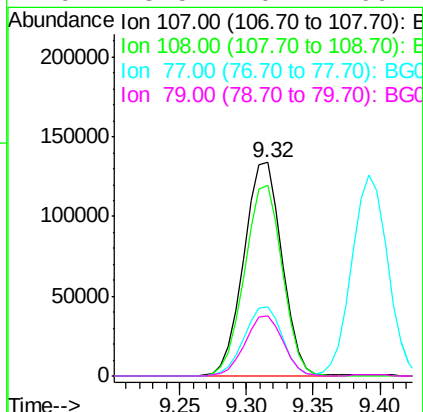
Instrument :
BNA_G
ClientSampleId :
PB99457BS

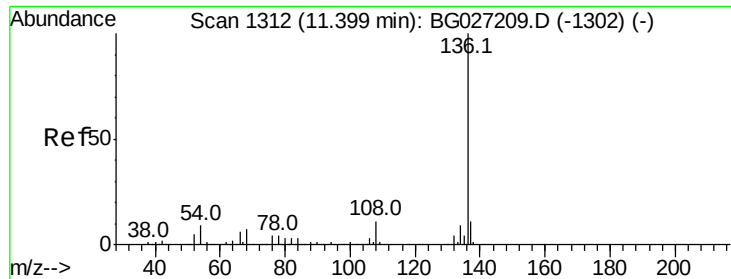
Tot Ion:	70	Resp:	161270
Ion	Ratio	Lower	Upper
70	100		
42	53.2	56.1	84.1#
101	9.6	7.5	11.3
130	20.6	14.6	21.8



#20
3+4-Methylphenols
Concen: 50.16 ng
RT: 9.32 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion:	107	Resp:	265039
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.8	110.8
77	32.4	25.8	65.8
79	28.5	20.1	60.1

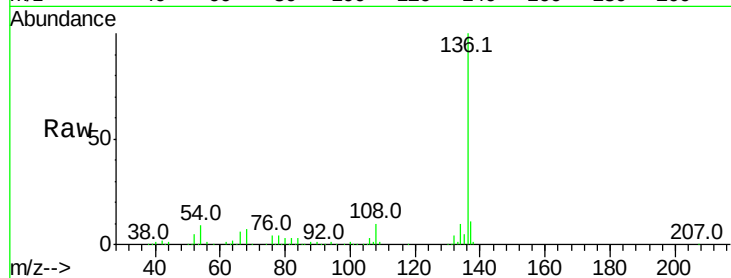




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.40 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Instrument :
BNA_G
ClientSampleId :
PB99457BS

Tot Ion:136	Resp: 269911
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 8.9	9.3 13.9#
68 7.1	5.1 7.7



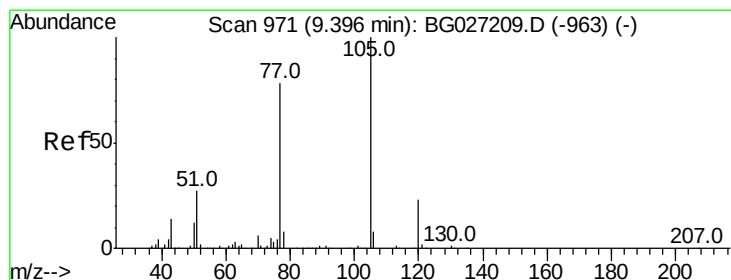
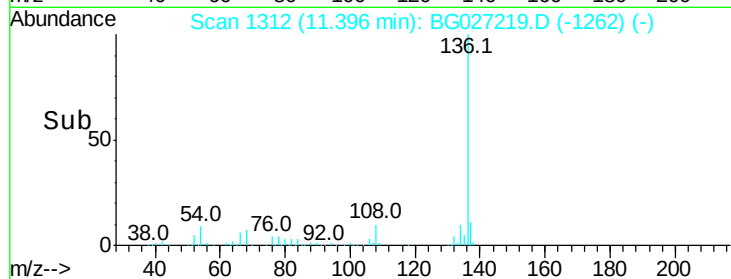
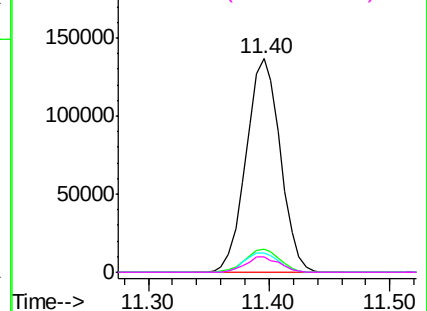
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

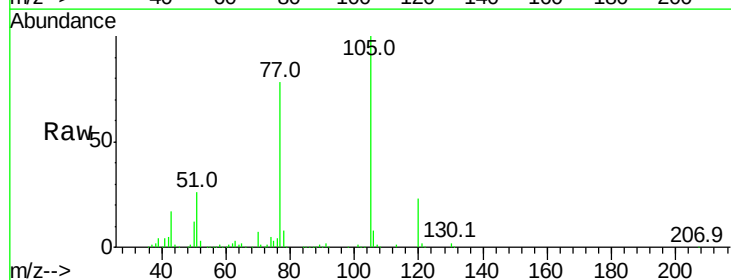
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.93 ng
RT: 9.39 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion:105	Resp: 303213
Ion Ratio	Lower Upper
105 100	
71 1.1	0.9 1.3
51 26.3	34.0 51.0#
120 23.5	17.3 25.9



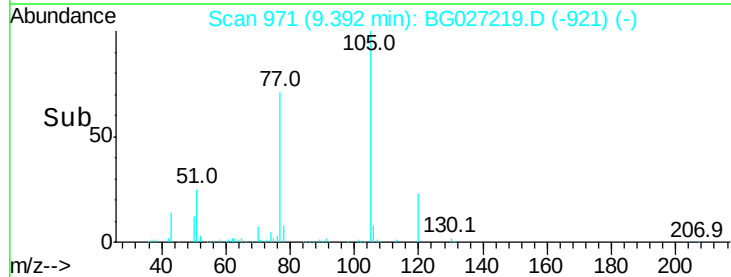
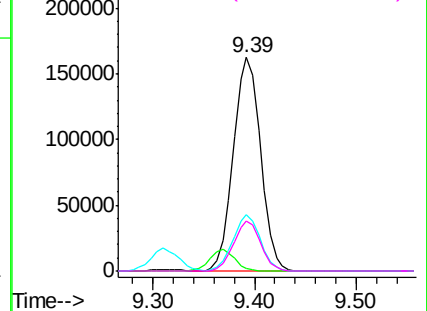
Abundance

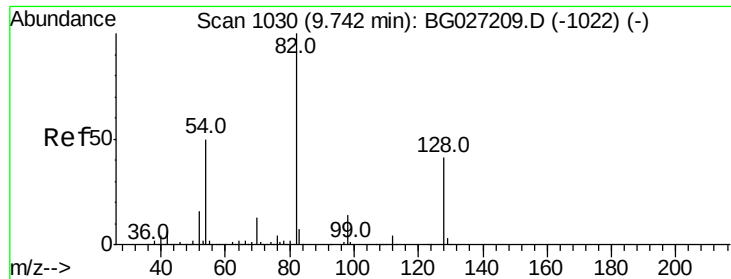
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

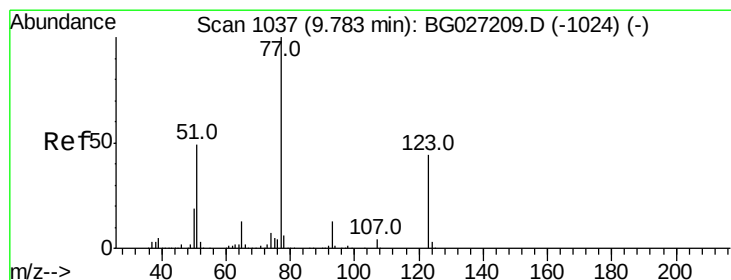
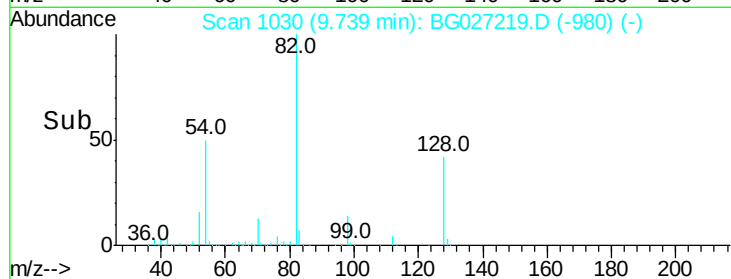
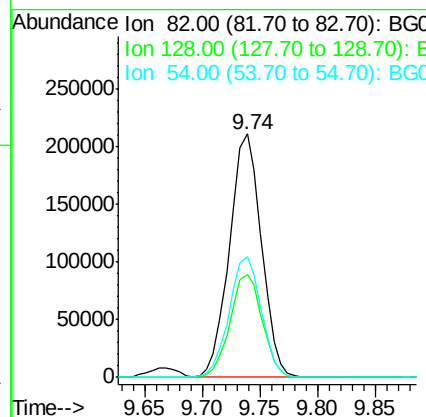
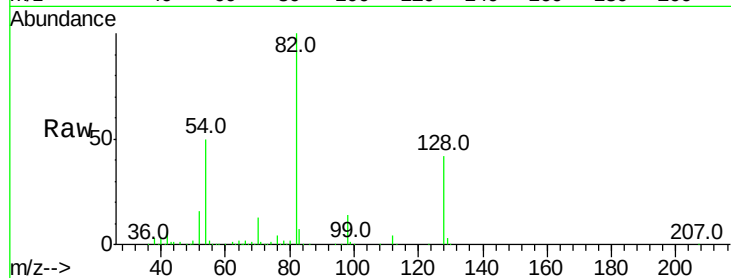




#23
 Nitrobenzene-d5
 Concen: 94.22 ng
 RT: 9.74 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

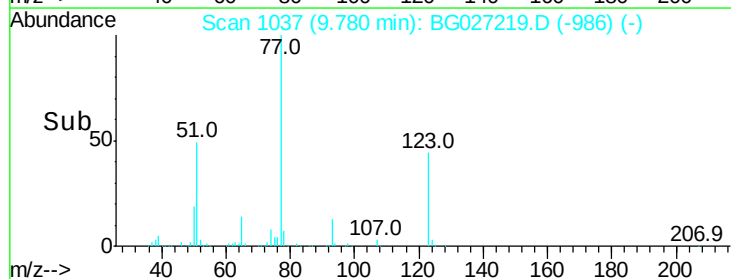
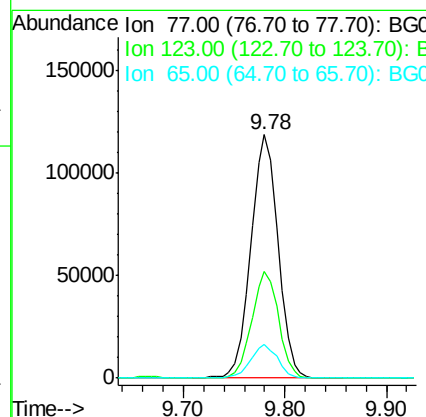
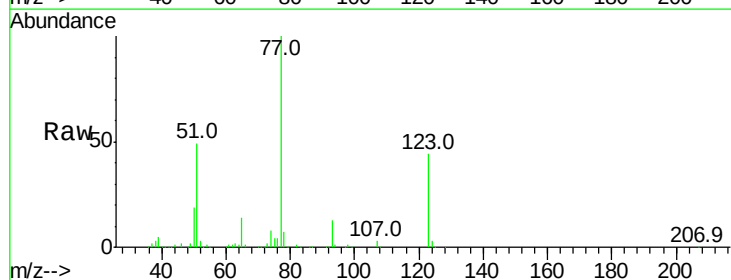
Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

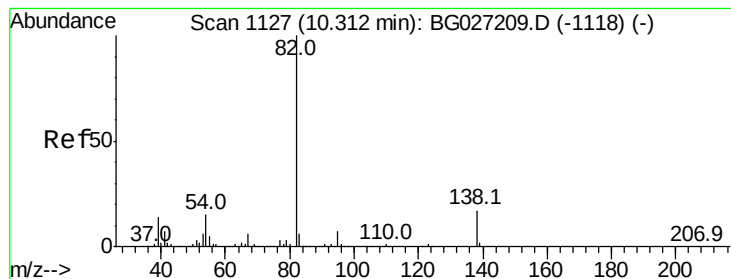
Tot Ion: 82 Resp: 404375
 Ion Ratio Lower Upper
 82 100
 128 42.2 26.4 39.6#
 54 49.8 49.4 74.2



#24
 Nitrobenzene
 Concen: 45.09 ng
 RT: 9.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion: 77 Resp: 220455
 Ion Ratio Lower Upper
 77 100
 123 43.9 26.1 39.1#
 65 13.8 12.4 18.6





#25

Isophorone

Concen: 44.25 ng

RT: 10.31 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

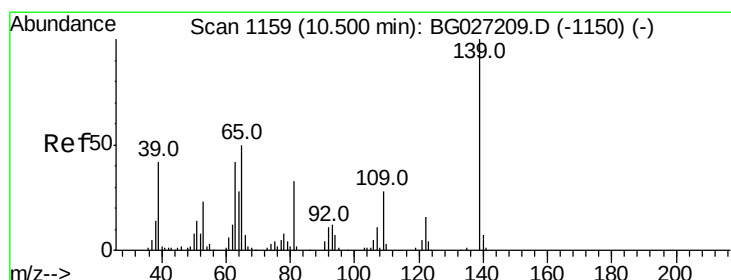
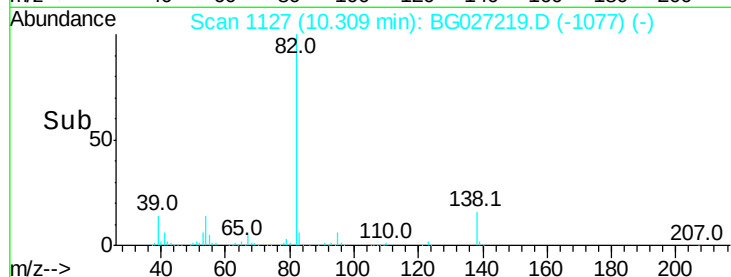
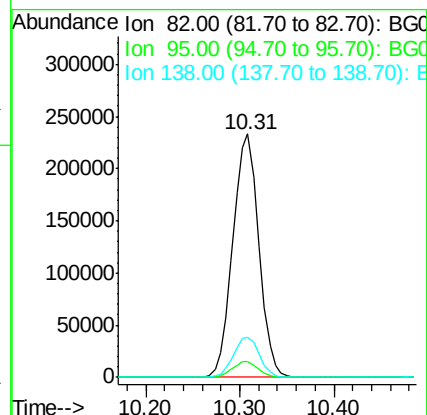
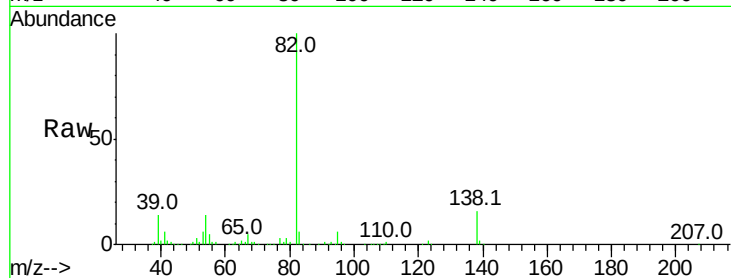
Tot Ion: 82 Resp: 446618

Ion Ratio Lower Upper

82 100

95 6.5 7.5 11.3#

138 16.4 12.3 18.5



#26

2-Nitrophenol

Concen: 46.52 ng

RT: 10.49 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

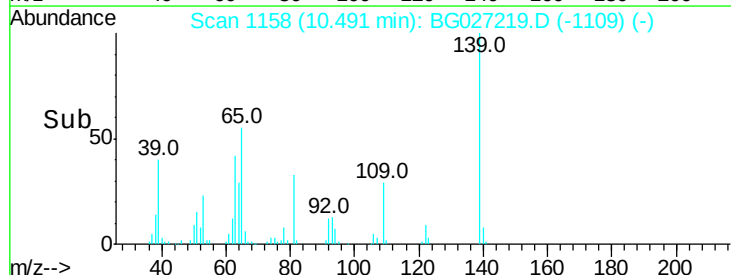
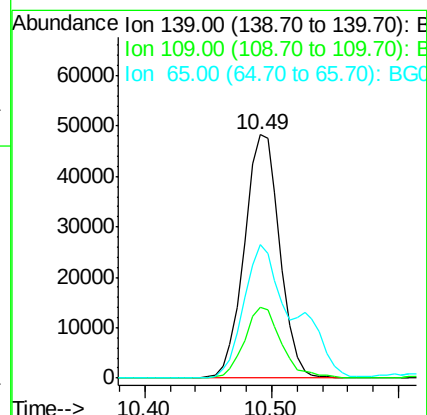
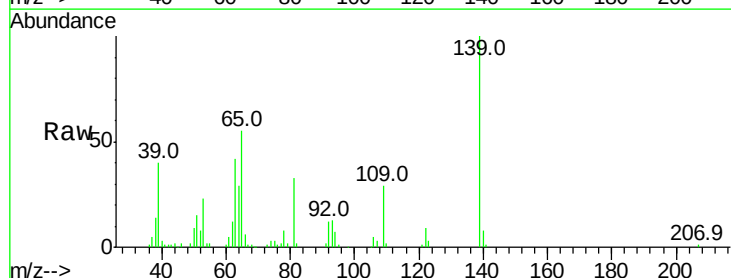
Tgt Ion: 139 Resp: 93251

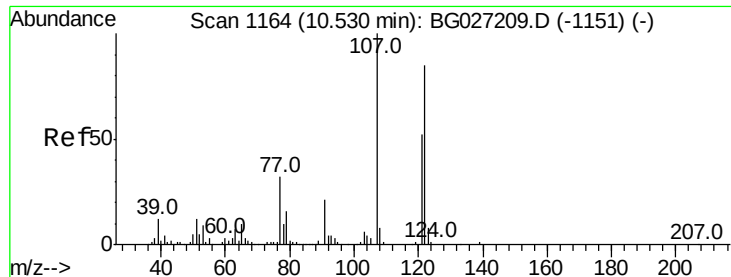
Ion Ratio Lower Upper

139 100

109 29.3 38.6 58.0#

65 54.9 57.1 85.7#

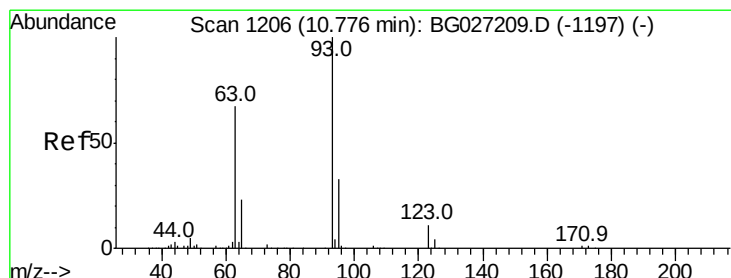
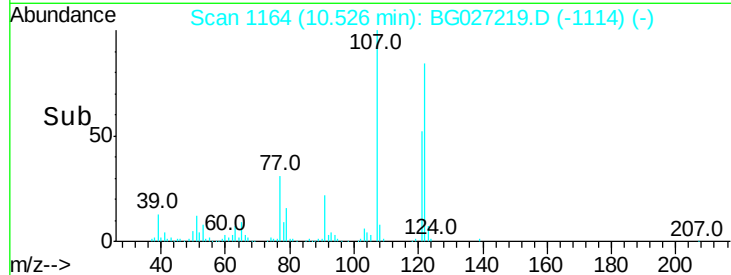
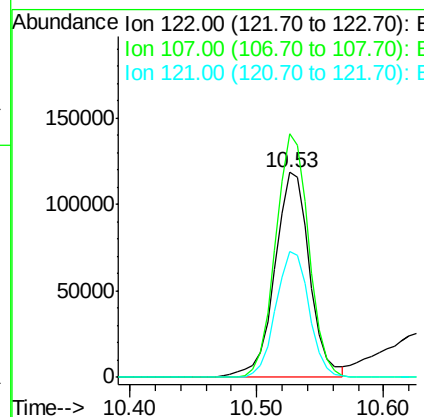
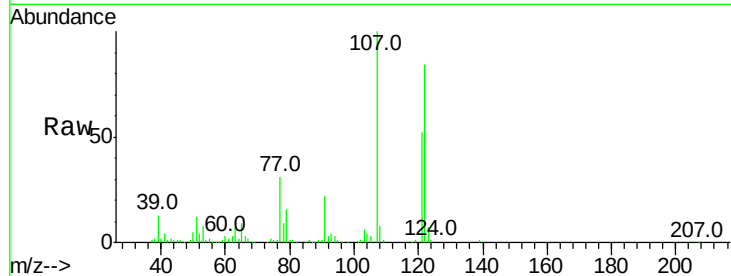




#27
 2,4-Dimethylphenol
 Concen: 52.31 ng
 RT: 10.53 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

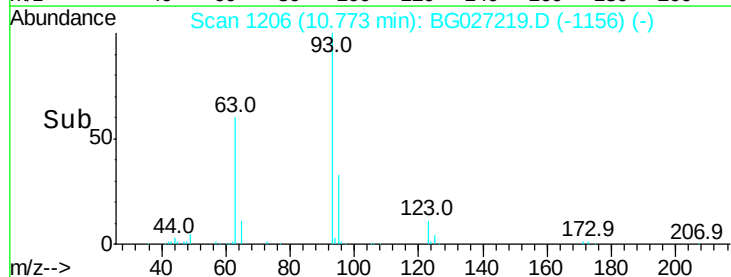
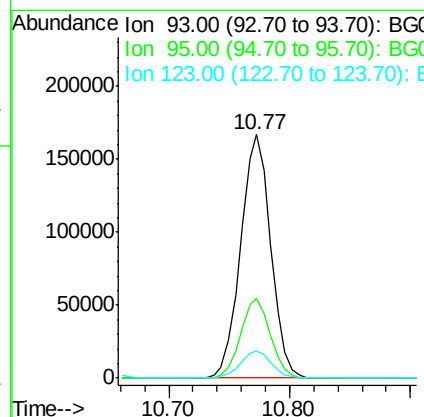
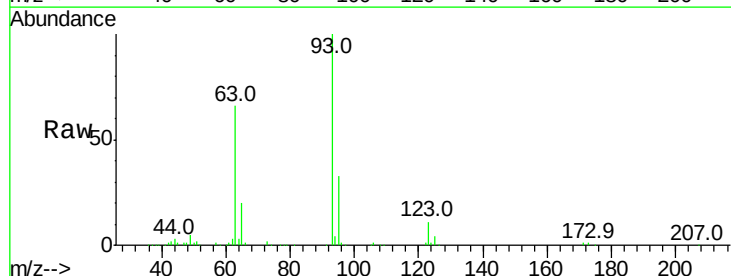
Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

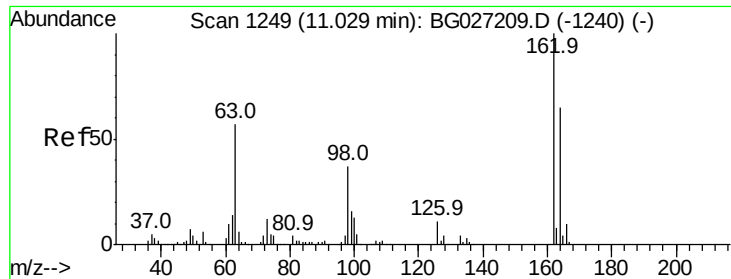
Tot Ion:122 Resp: 226973
 Ion Ratio Lower Upper
 122 100
 107 118.7 104.2 156.4
 121 61.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.25 ng
 RT: 10.77 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion: 93 Resp: 289130
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.7 38.5
 123 11.2 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 52.65 ng

RT: 11.03 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

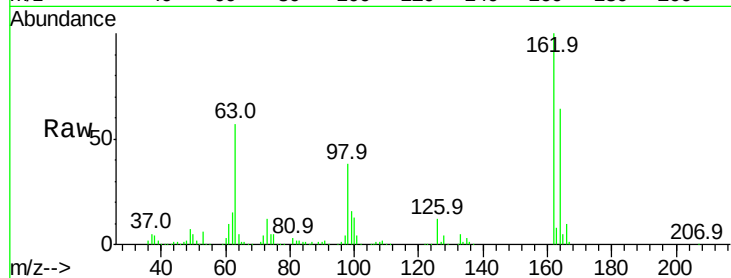
Tot Ion:162 Resp: 208561

Ion Ratio Lower Upper

162 100

164 63.8 42.4 82.4

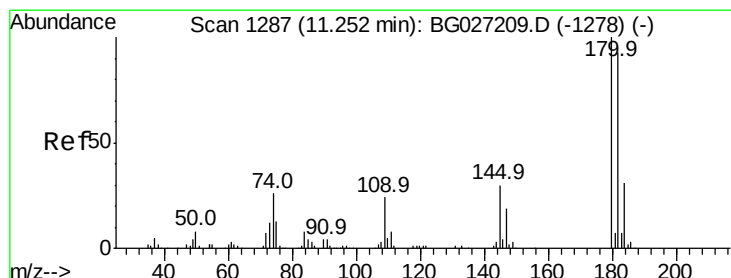
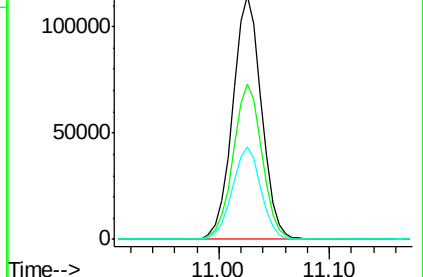
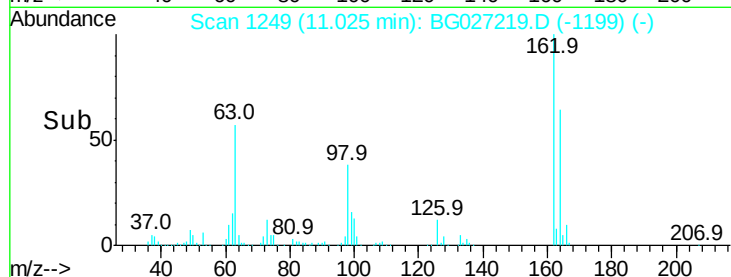
98 38.2 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 43.47 ng

RT: 11.25 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

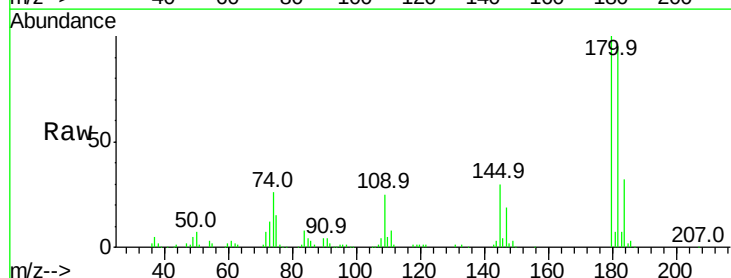
Tgt Ion:180 Resp: 190663

Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.4

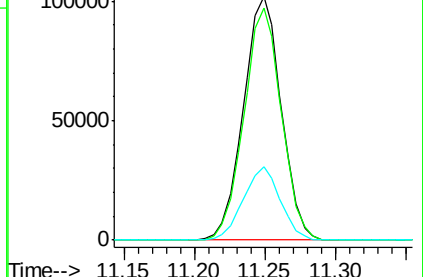
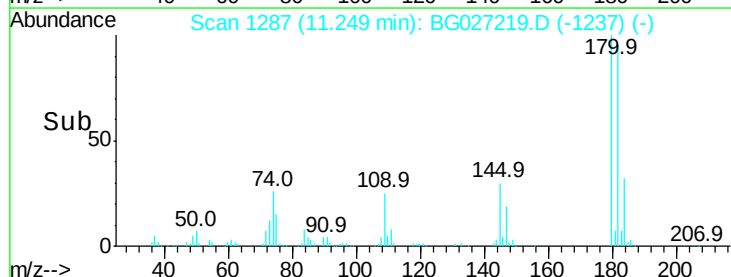
145 30.0 23.4 35.0

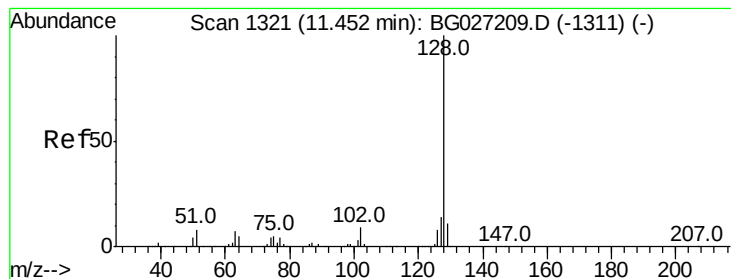


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

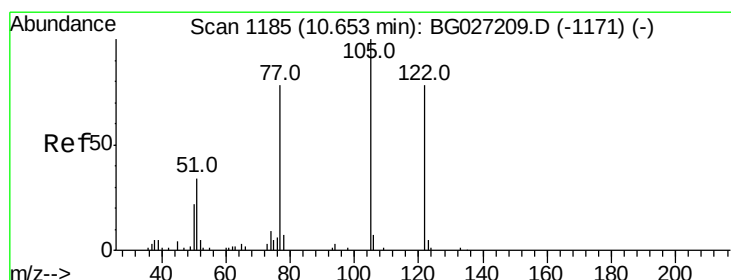
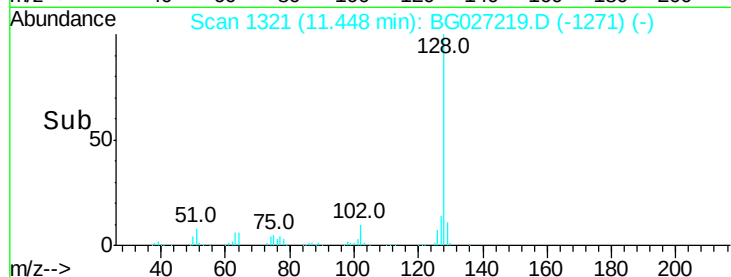
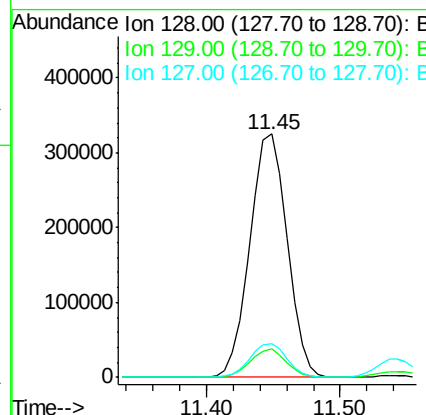
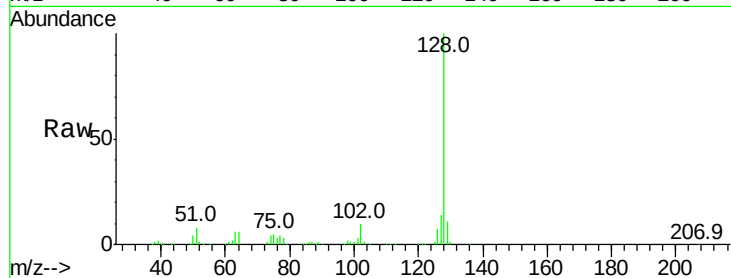




#31
Naphthalene
Concen: 42.60 ng
RT: 11.45 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

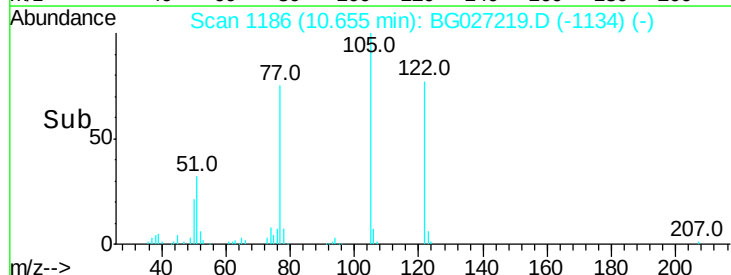
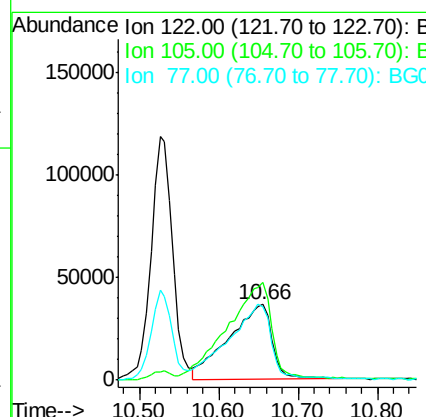
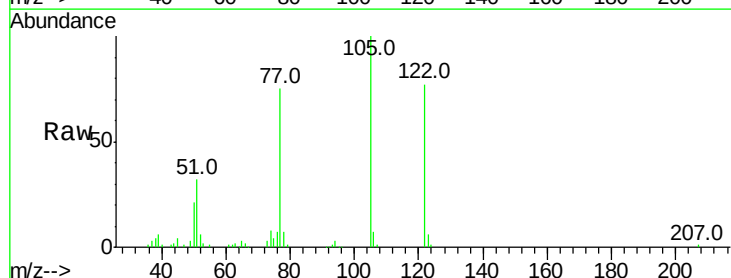
Instrument :
BNA_G
ClientSampleId :
PB99457BS

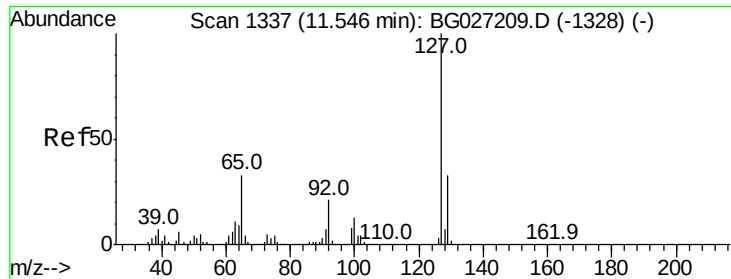
Tot Ion:128 Resp: 628344
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 45.86 ng
RT: 10.66 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion:122 Resp: 136362
Ion Ratio Lower Upper
122 100
105 129.1 120.1 160.1
77 96.4 104.6 144.6#

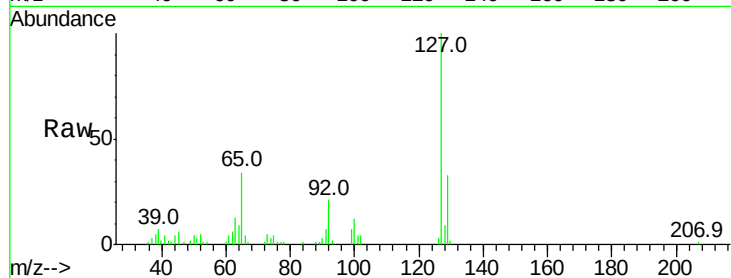




#33
4-Chloroaniline
Concen: 8.04 ng
RT: 11.54 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Instrument :
BNA_G
ClientSampleId :
PB99457BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	23.6	35.4
65	33.7	37.7	56.5
92	21.0	17.6	26.4



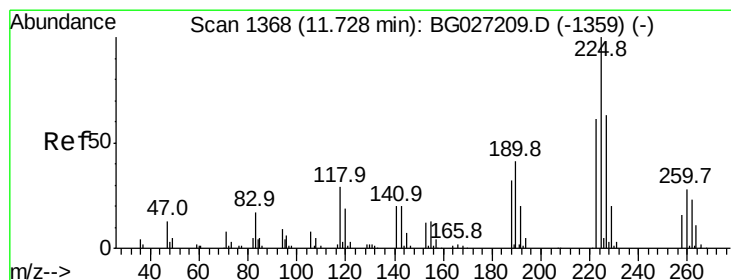
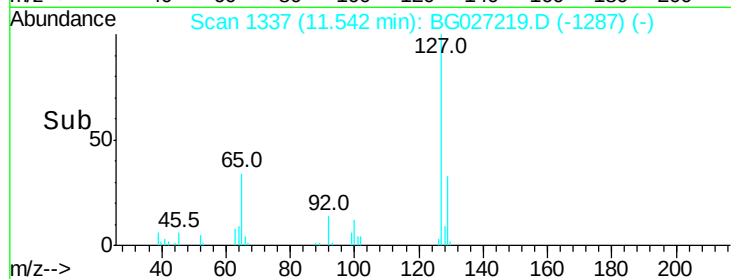
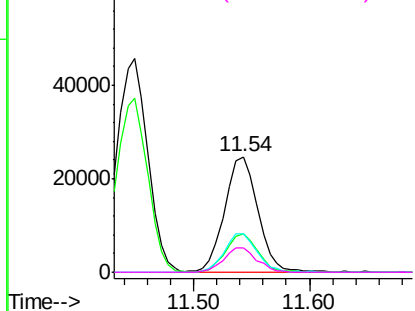
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

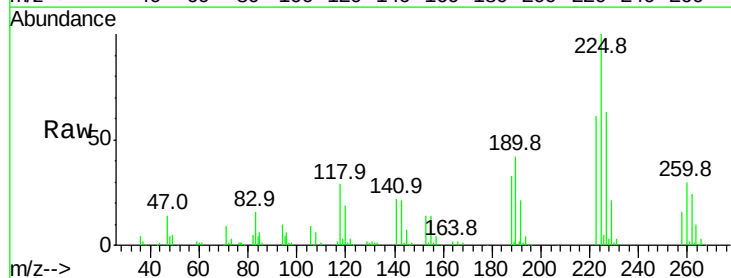
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 11.72 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.7	76.1
227	62.7	49.0	73.6

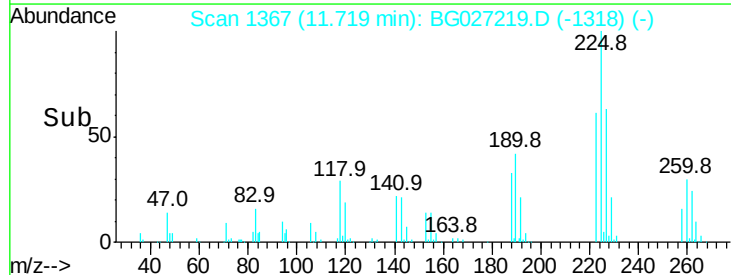
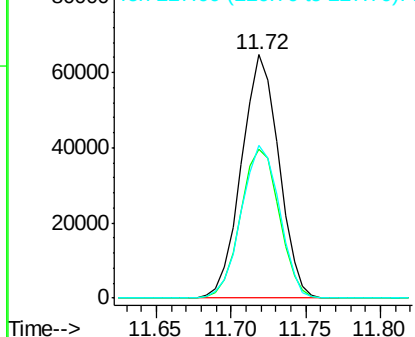


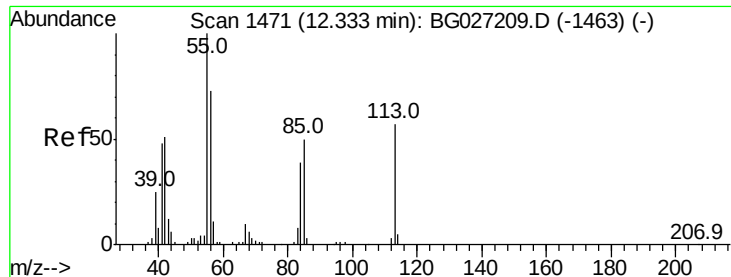
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.44 ng

RT: 12.33 min Scan# 1471

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

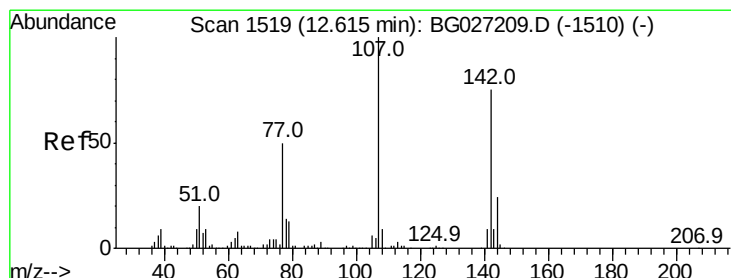
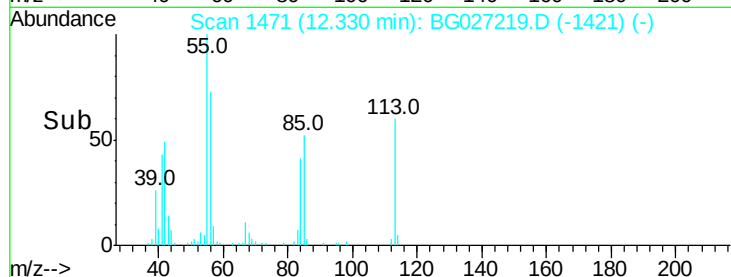
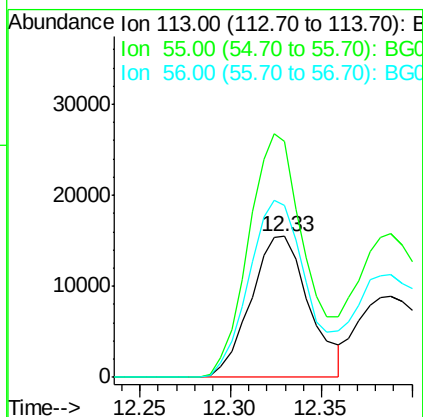
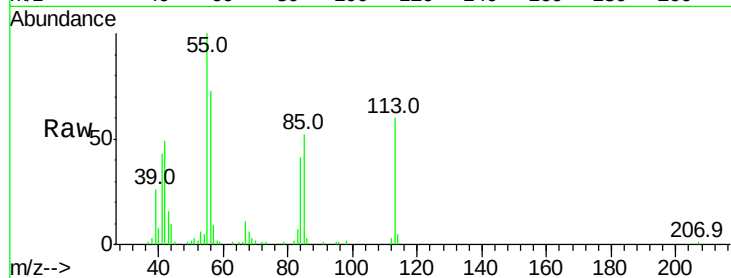
Tot Ion:113 Resp: 34558

Ion Ratio Lower Upper

113 100

55 167.1 198.6 238.6#

56 122.4 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 49.77 ng

RT: 12.61 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

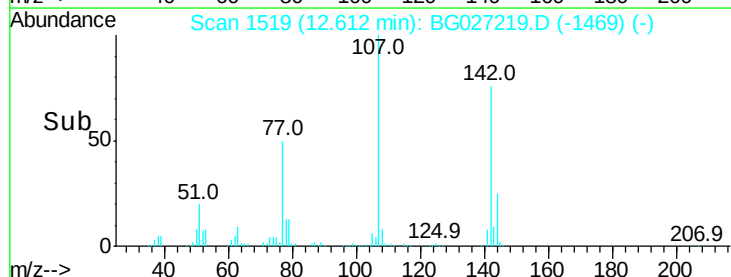
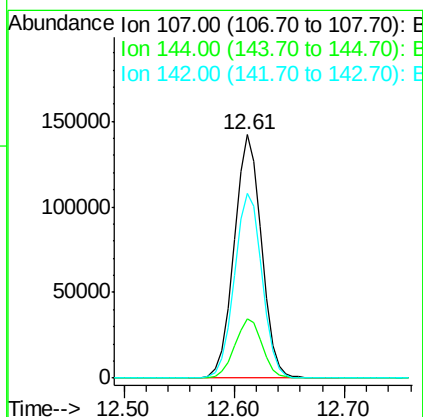
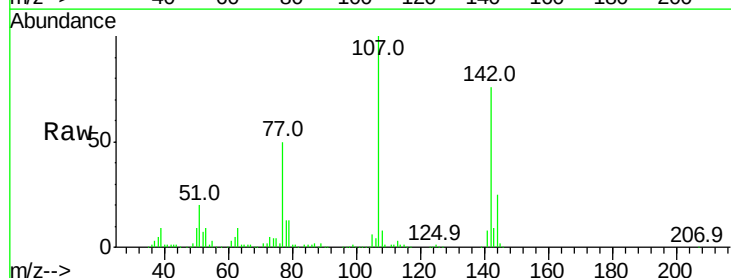
Tgt Ion:107 Resp: 247120

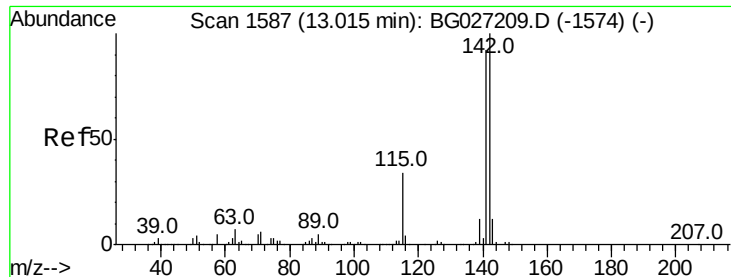
Ion Ratio Lower Upper

107 100

144 24.6 17.4 26.0

142 76.1 54.1 81.1

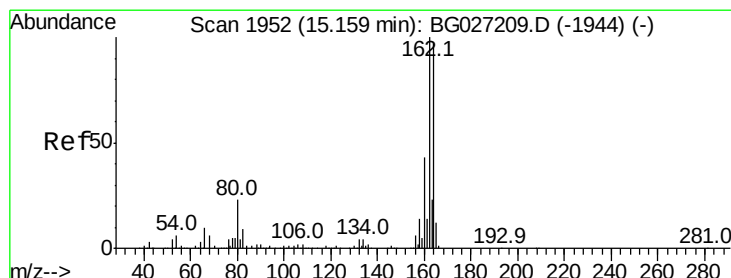
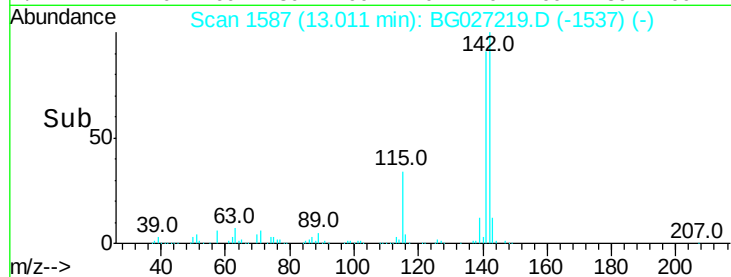
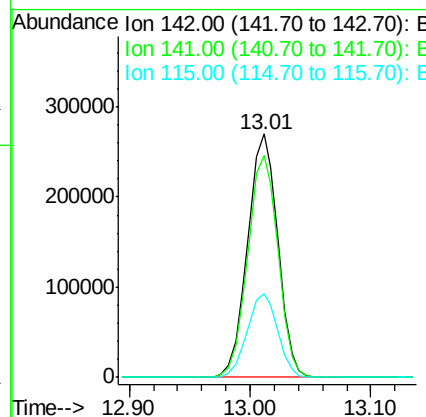
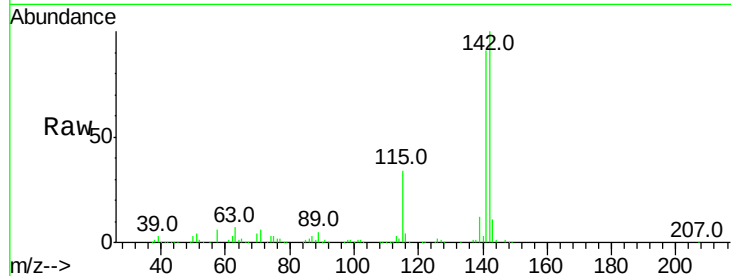




#37
2-Methylnaphthalene
Concen: 43.84 ng
RT: 13.01 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

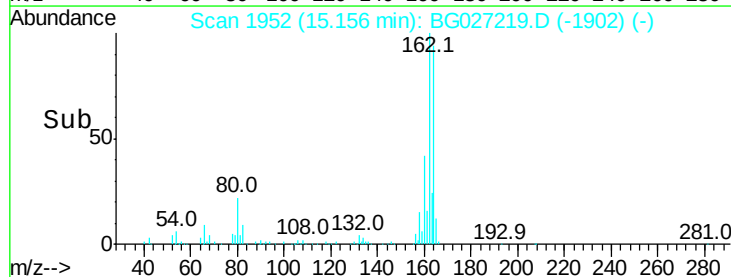
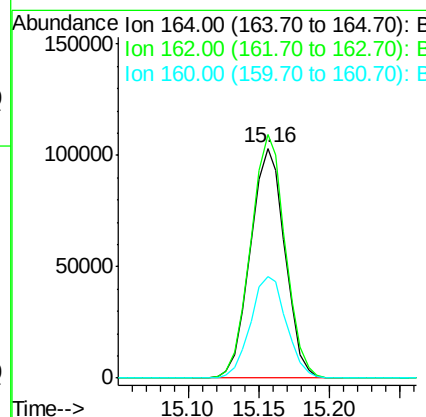
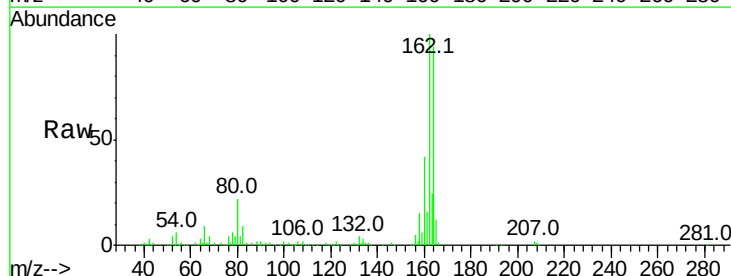
Instrument :
BNA_G
ClientSampleId :
PB99457BS

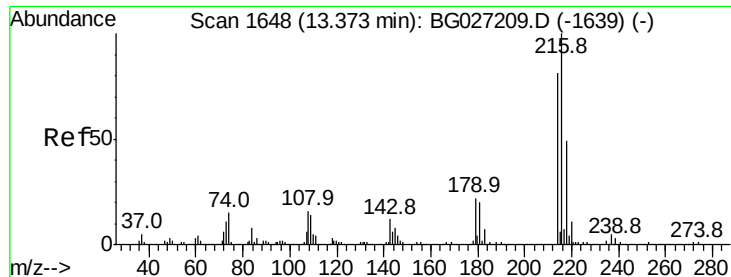
Tot Ion:142 Resp: 471788
Ion Ratio Lower Upper
142 100
141 90.9 70.4 105.6
115 34.4 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.16 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion:164 Resp: 177126
Ion Ratio Lower Upper
164 100
162 105.9 85.1 127.7
160 44.2 34.7 52.1

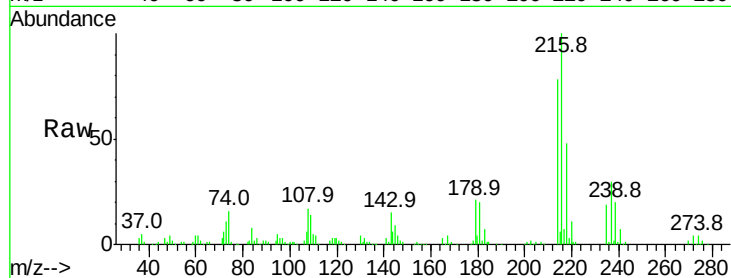




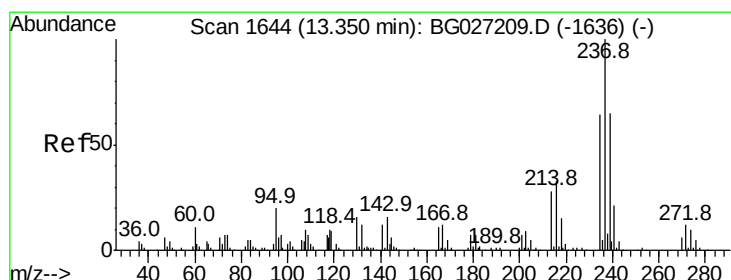
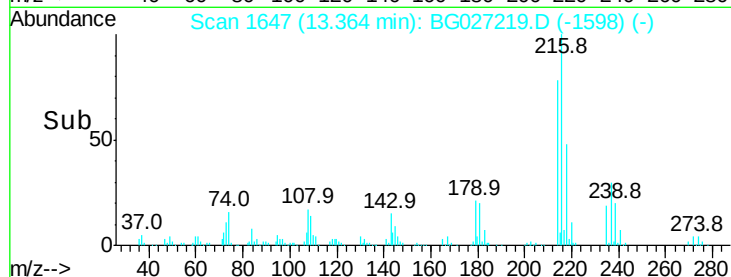
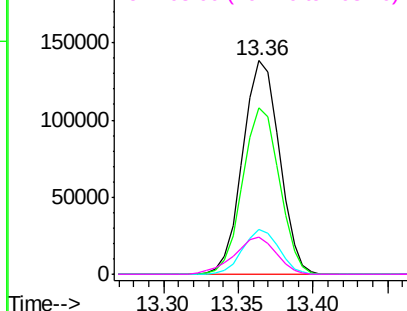
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.73 ng
 RT: 13.36 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

Tot Ion:	216	Resp:	235792
Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.4	96.6
179	20.7	17.4	26.0
108	20.1	15.6	23.4

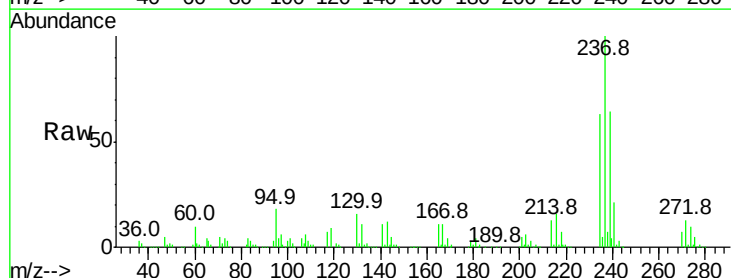


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

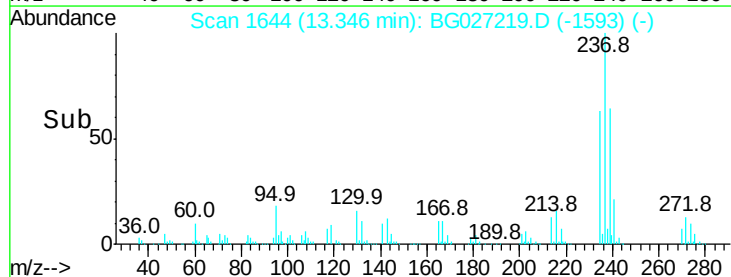
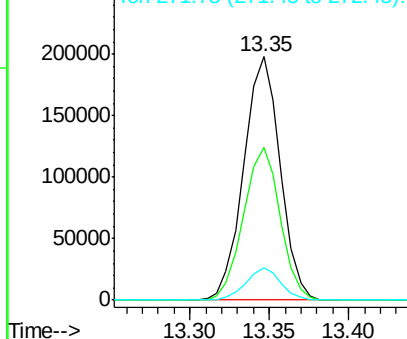


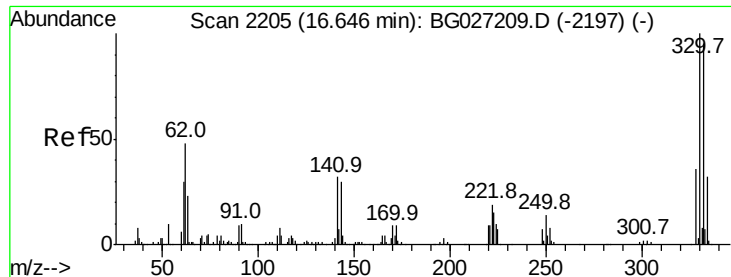
#40
 Hexachlorocyclopentadiene
 Concen: 107.51 ng
 RT: 13.35 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion:	237	Resp:	315740
Ion	Ratio	Lower	Upper
237	100		
235	62.9	39.4	79.4
272	13.3	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.19 ng

RT: 16.64 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

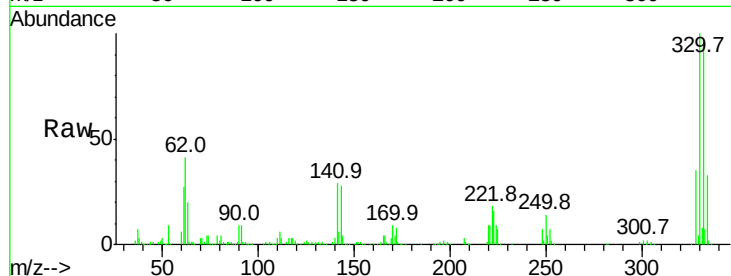
Tot Ion:330 Resp: 340990

Ion Ratio Lower Upper

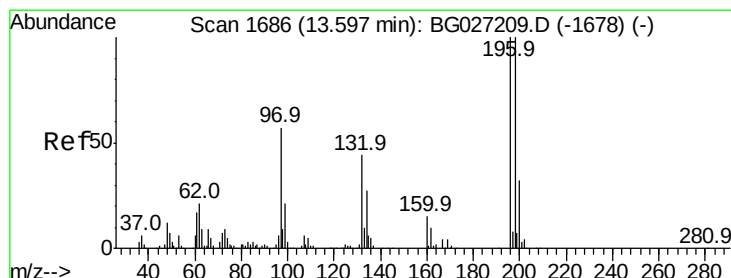
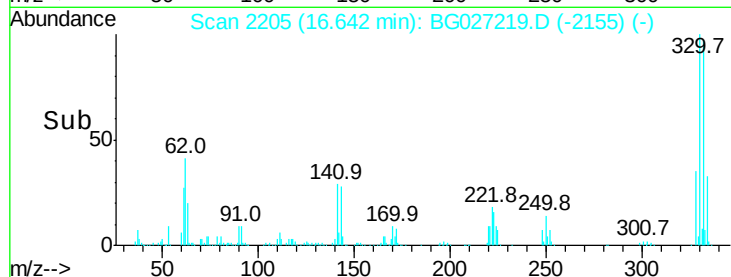
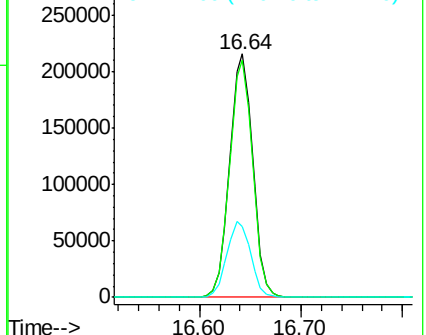
330 100

332 97.3 77.3 115.9

141 32.2 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: 50.12 ng

RT: 13.59 min Scan# 1686

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

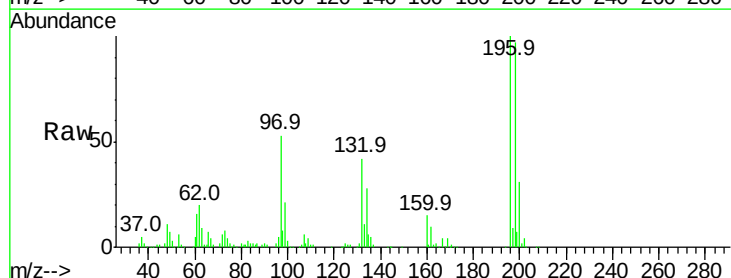
Tgt Ion:196 Resp: 167735

Ion Ratio Lower Upper

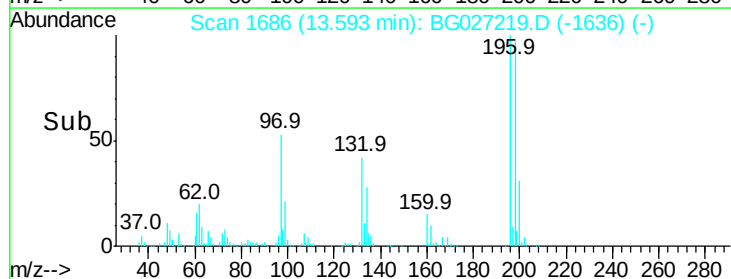
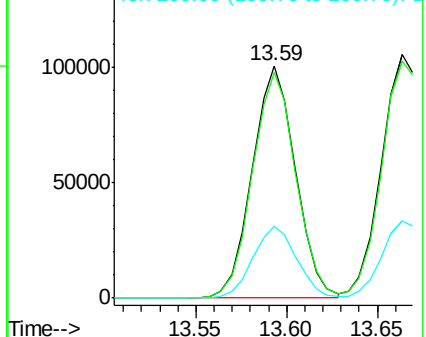
196 100

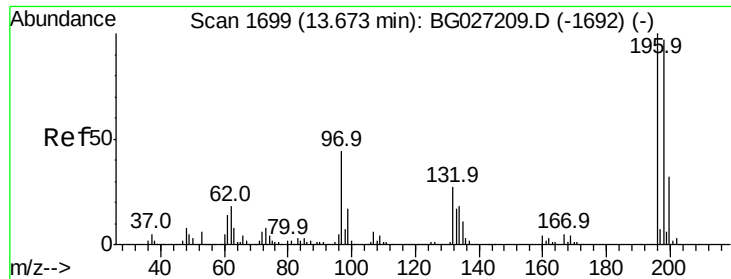
198 97.4 81.4 122.2

200 31.1 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

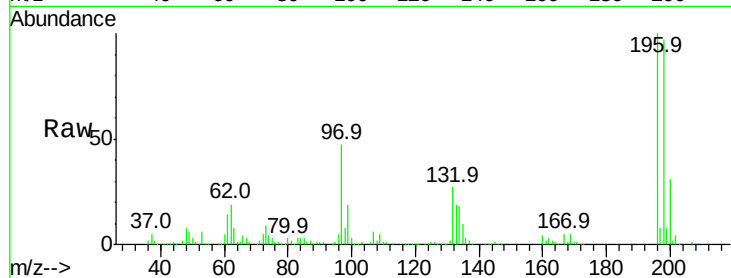




#43
 2,4,5-Trichlorophenol
 Concen: 48.60 ng
 RT: 13.66 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.9	119.9
97	47.0	45.4	68.0
132	26.9	20.7	31.1



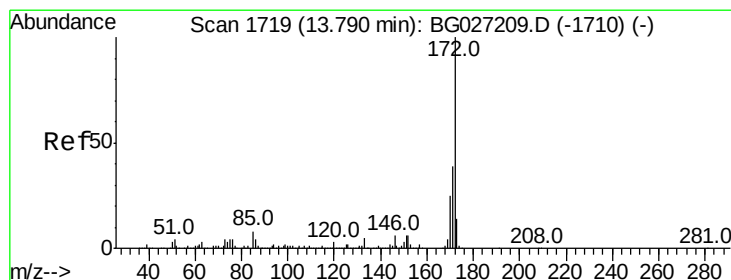
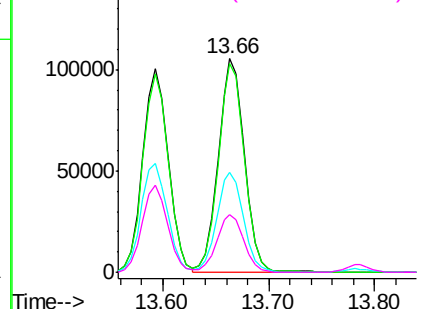
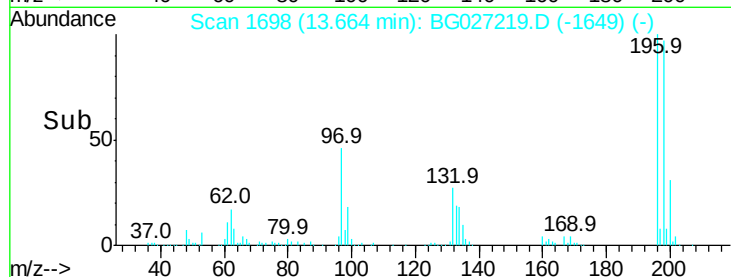
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

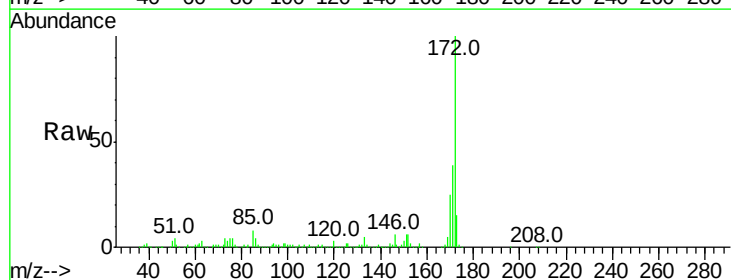
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.76 ng
 RT: 13.78 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.2
170	25.2	21.8	32.6

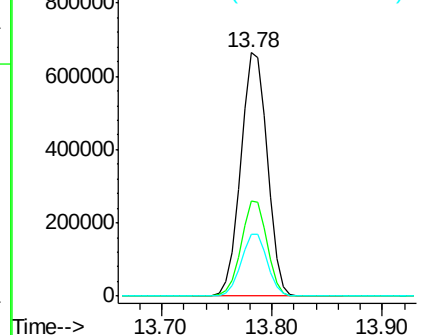
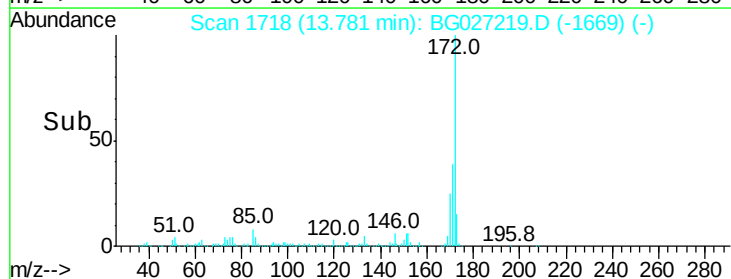


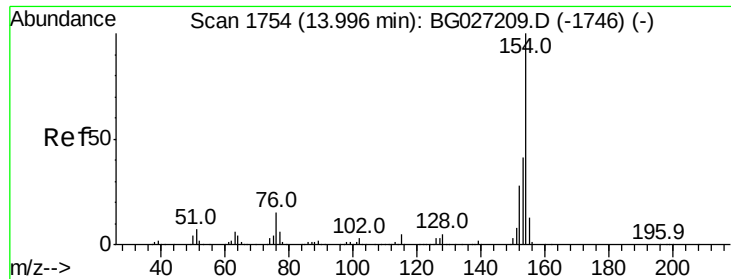
Abundance

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: 43.93 ng

RT: 13.99 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

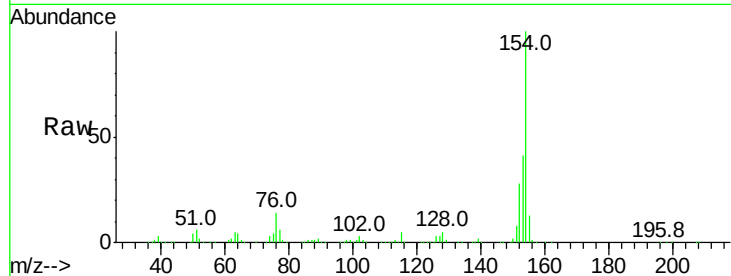
Tot Ion:154 Resp: 635172

Ion Ratio Lower Upper

154 100

153 40.7 23.0 63.0

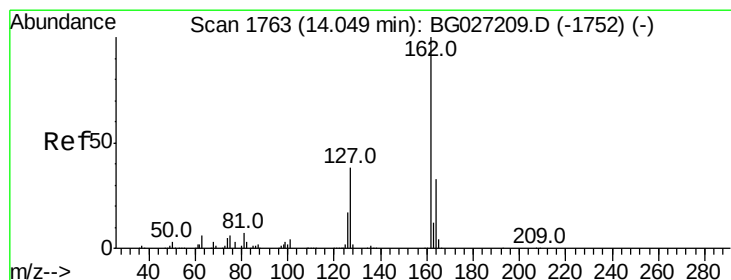
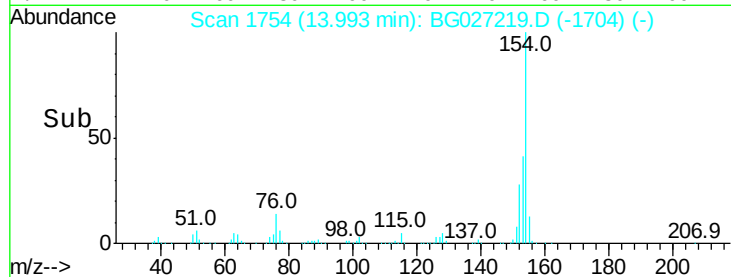
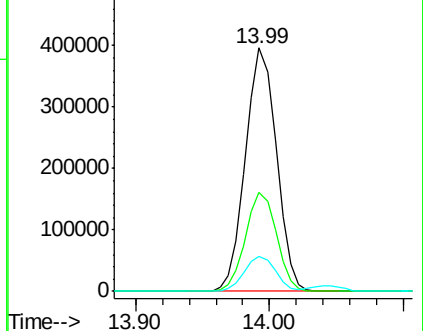
76 14.3 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.41 ng

RT: 14.05 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

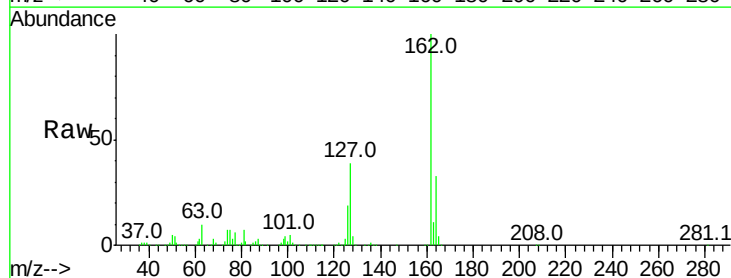
Tgt Ion:162 Resp: 481347

Ion Ratio Lower Upper

162 100

127 39.0 32.2 48.4

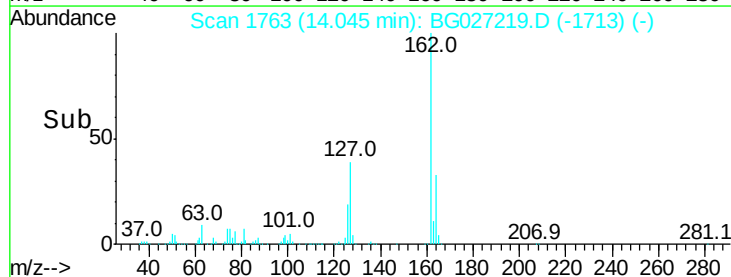
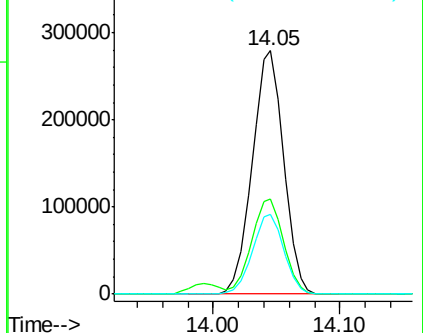
164 32.9 27.3 40.9

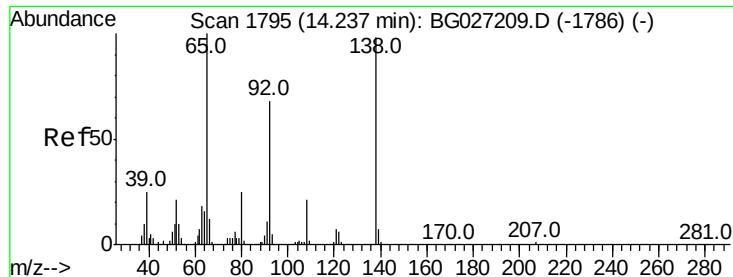


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.27 ng

RT: 14.23 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

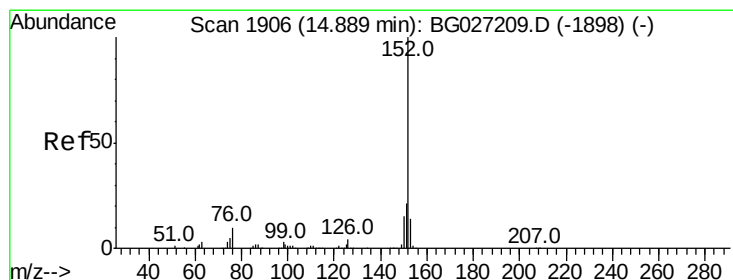
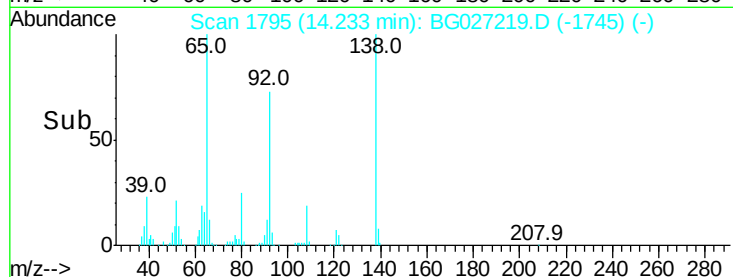
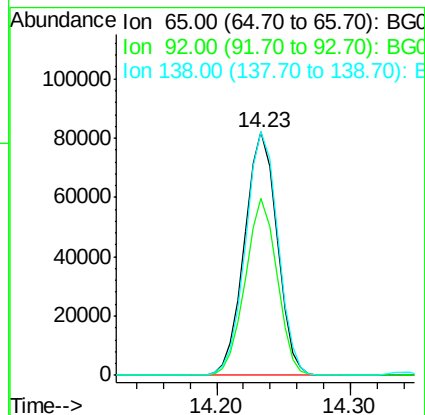
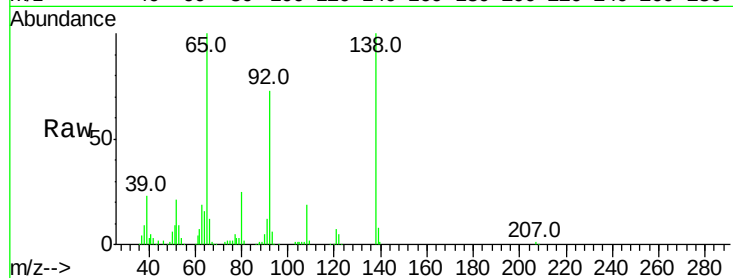
Tot Ion: 65 Resp: 138151

Ion Ratio Lower Upper

65 100

92 72.8 49.0 73.4

138 100.0 58.6 87.8#



#48

Acenaphthylene

Concen: 42.32 ng

RT: 14.89 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

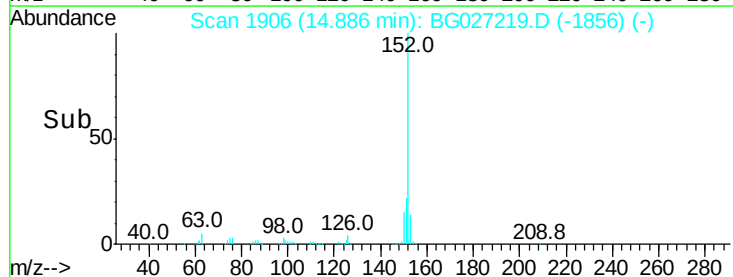
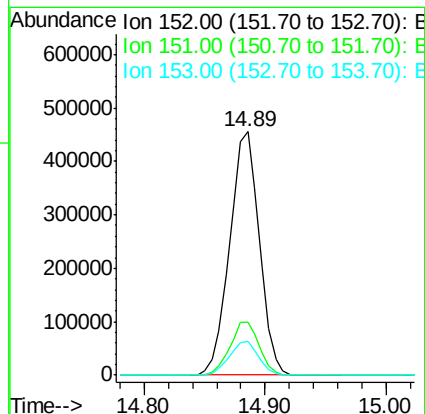
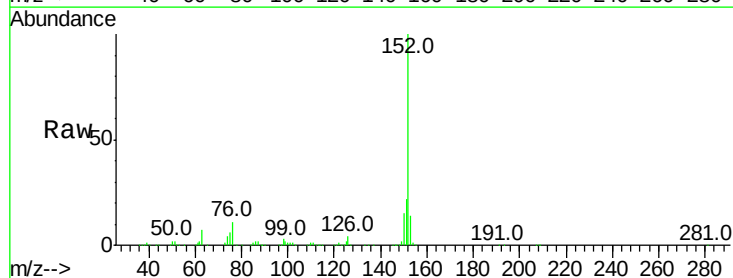
Tgt Ion: 152 Resp: 776284

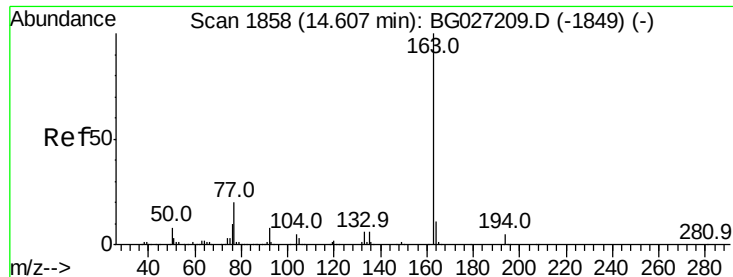
Ion Ratio Lower Upper

152 100

151 21.7 18.2 27.2

153 13.9 11.3 16.9

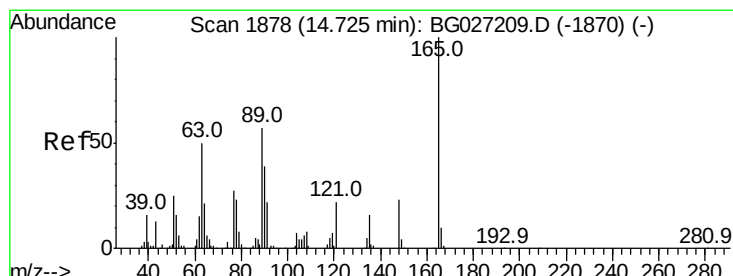
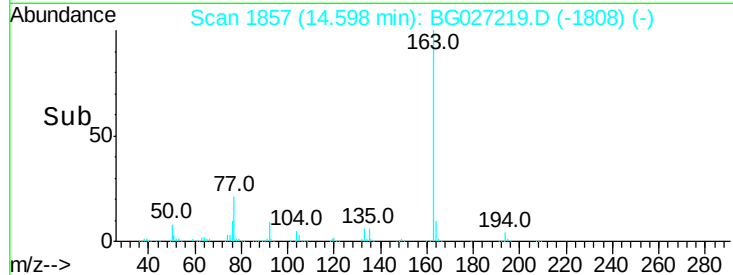
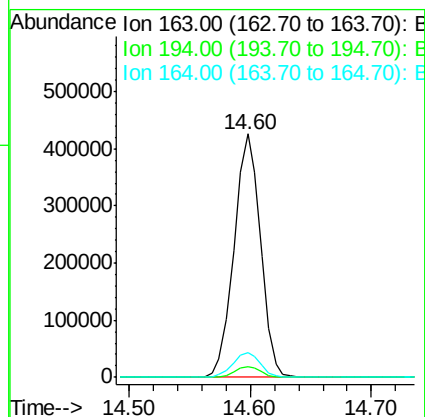
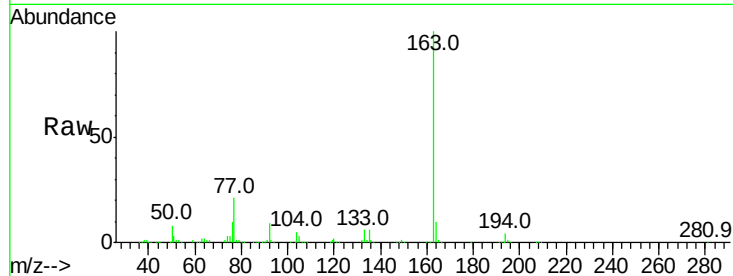




#49
Dimethylphthalate
Concen: 46.19 ng
RT: 14.60 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

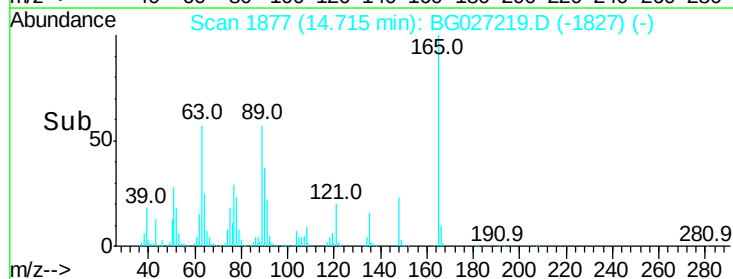
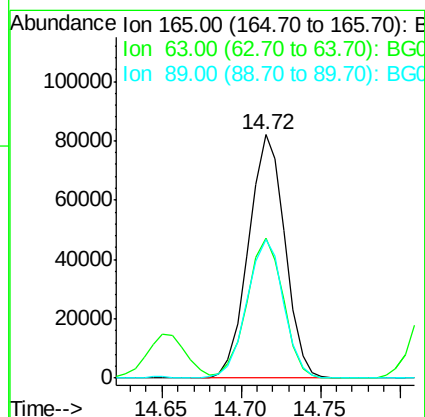
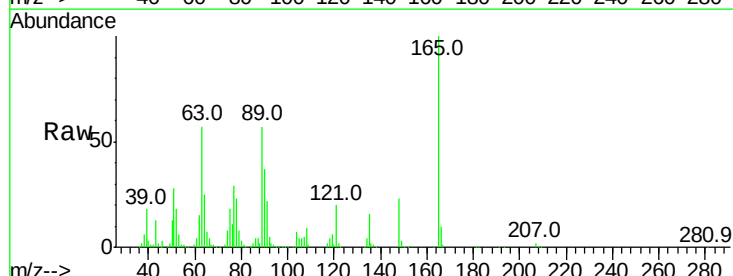
Instrument :
BNA_G
ClientSampleId :
PB99457BS

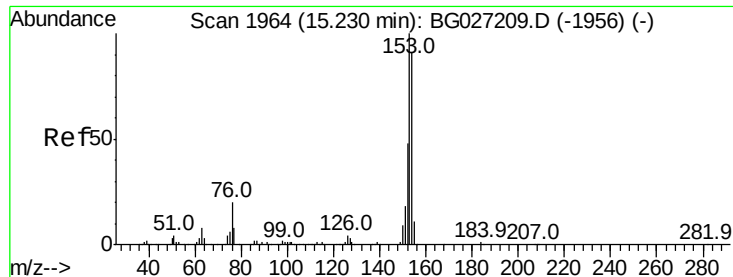
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.8	5.6
164	10.3	9.3	13.9



#50
2,6-Dinitrotoluene
Concen: 45.97 ng
RT: 14.72 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.5	63.9	95.9#
89	56.8	58.6	88.0#





#51

Acenaphthene

Concen: 46.15 ng

RT: 15.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

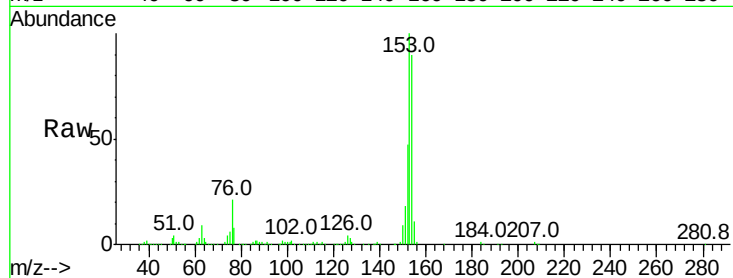
Tot Ion:154 Resp: 550654

Ion Ratio Lower Upper

154 100

153 111.6 87.8 131.6

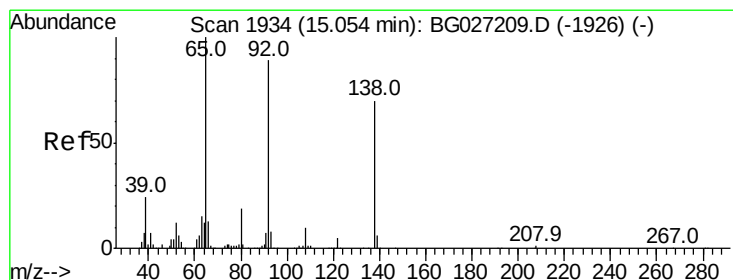
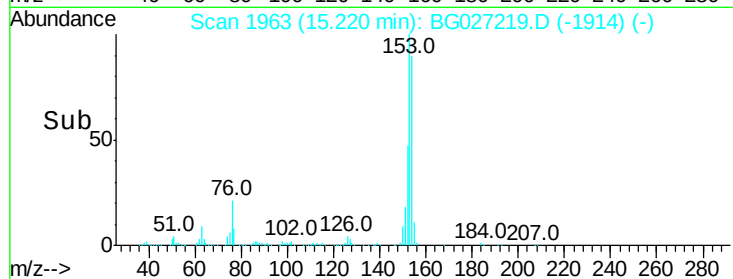
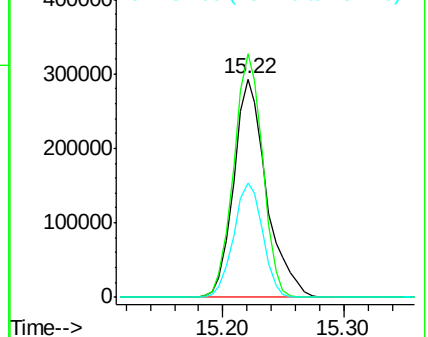
152 52.7 42.2 63.4



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: 18.94 ng

RT: 15.04 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

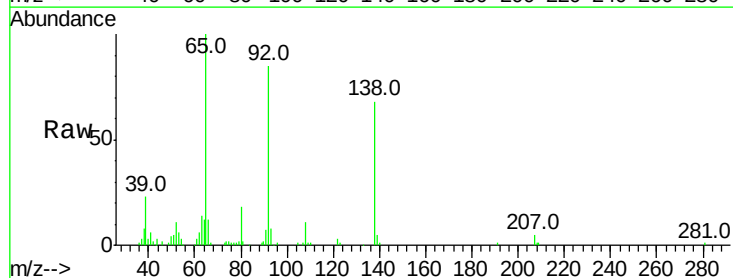
Tgt Ion:138 Resp: 44936

Ion Ratio Lower Upper

138 100

108 16.2 10.9 16.3

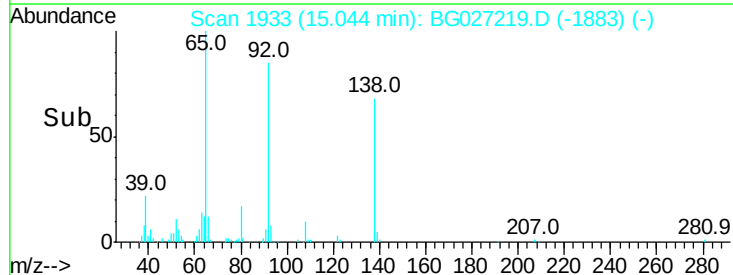
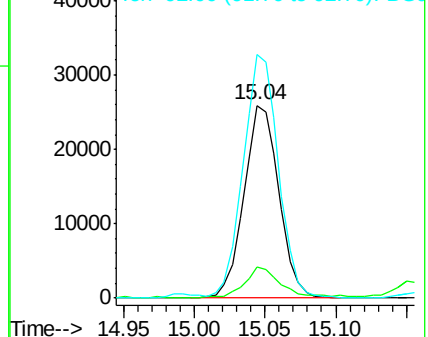
92 126.1 115.3 172.9

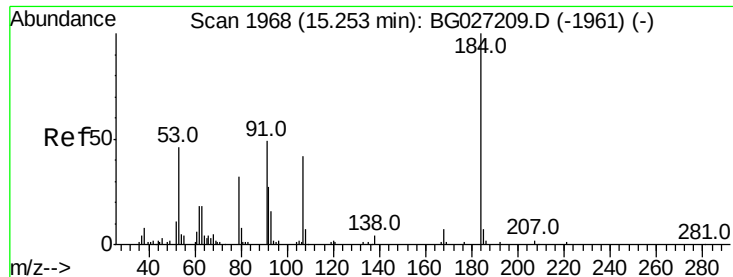


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

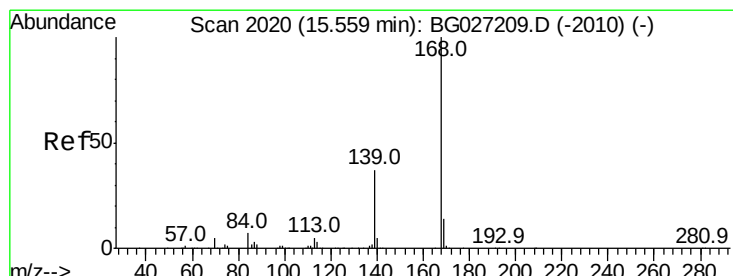
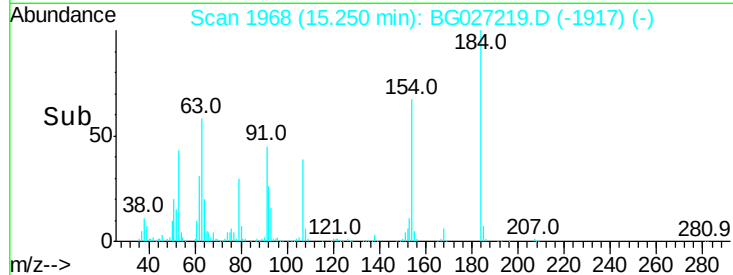
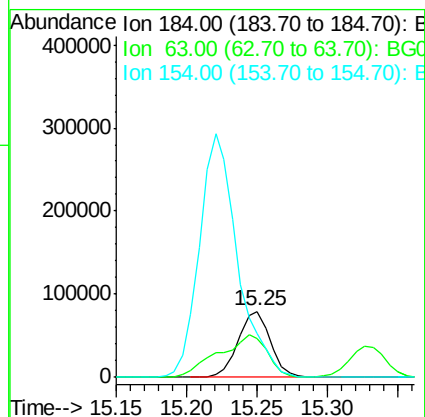
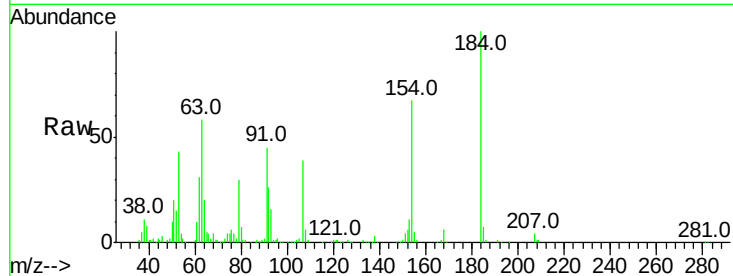




#53
 2,4-Dinitrophenol
 Concen: 88.24 ng
 RT: 15.25 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

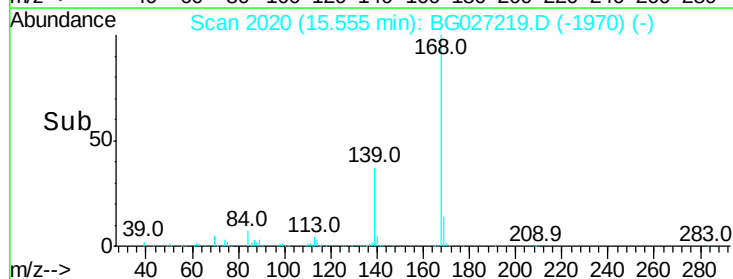
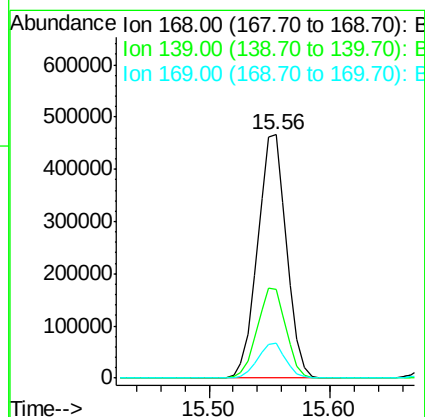
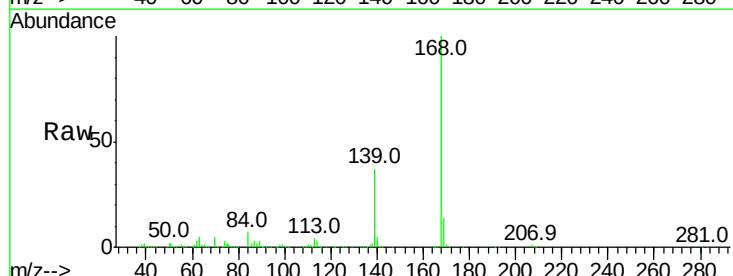
Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

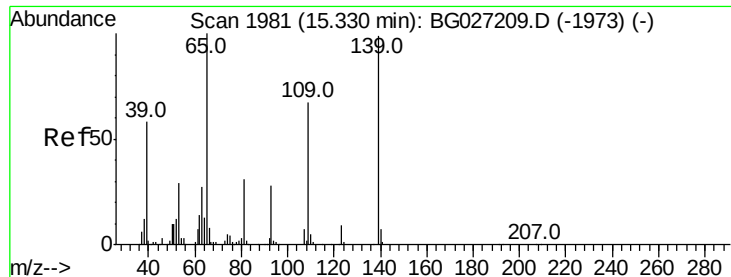
Tot Ion	Ratio	Lower	Upper
184	100		
63	58.3	52.7	79.1
154	67.1	57.3	85.9



#54
 Dibenzofuran
 Concen: 46.51 ng
 RT: 15.56 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	35.3	52.9
169	14.3	11.5	17.3

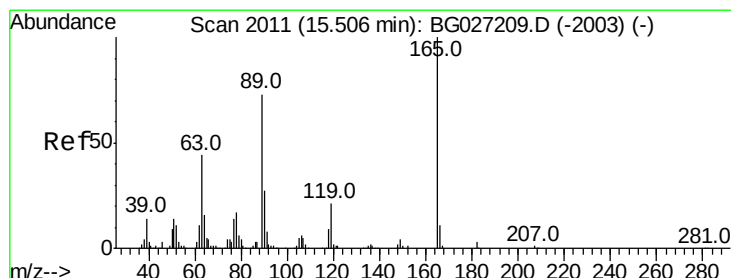
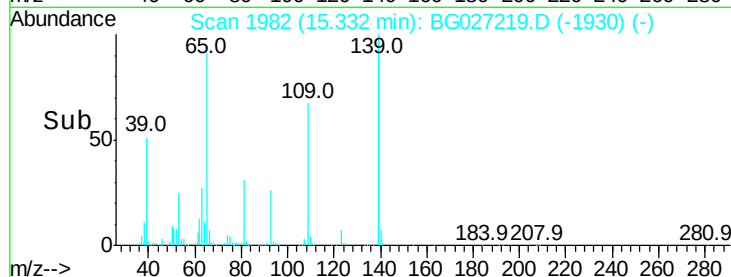
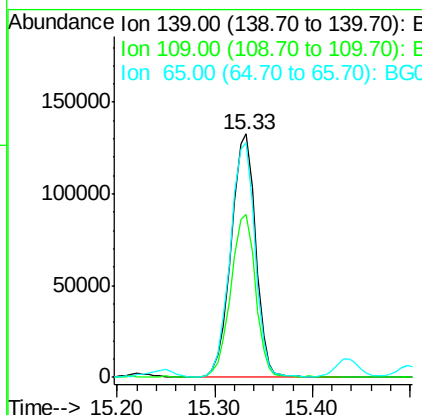
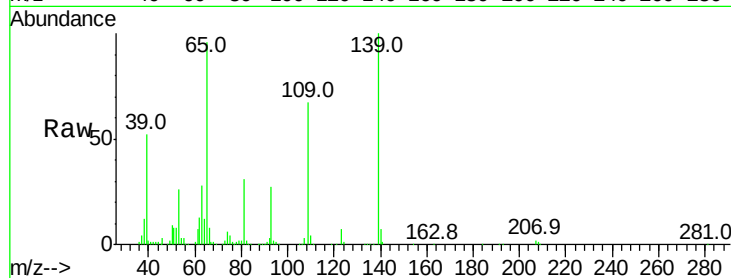




#55
4-Nitrophenol
Concen: 86.89 ng
RT: 15.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

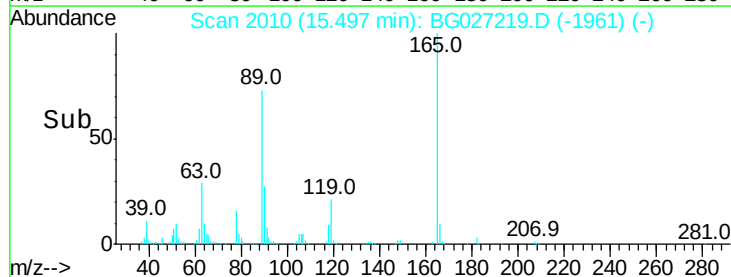
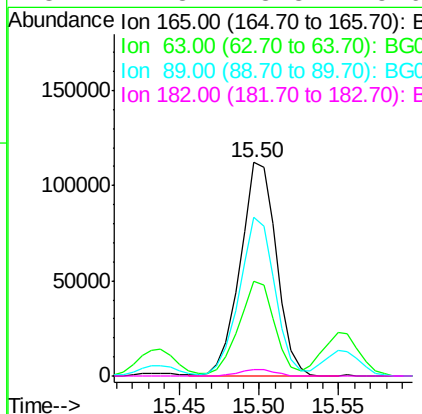
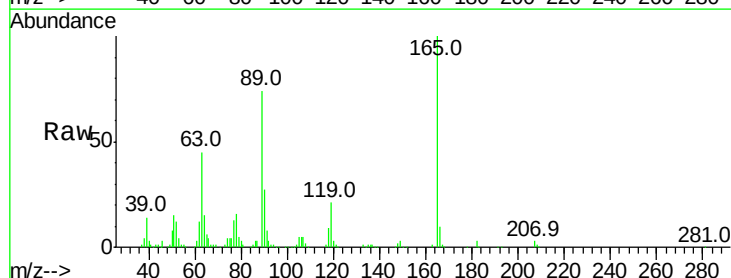
Instrument :
BNA_G
ClientSampleId :
PB99457BS

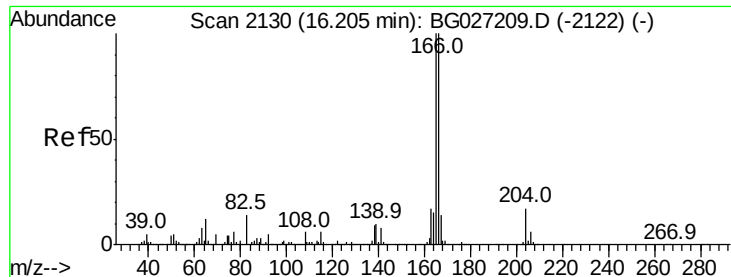
Tot Ion:139 Resp: 232129
Ion Ratio Lower Upper
139 100
109 66.7 101.2 141.2#
65 96.3 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 48.58 ng
RT: 15.50 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion:165 Resp: 177765
Ion Ratio Lower Upper
165 100
63 44.6 44.0 66.0
89 74.3 67.3 100.9
182 2.8 3.8 5.6#





#57

Fluorene

Concen: 42.10 ng

RT: 16.20 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

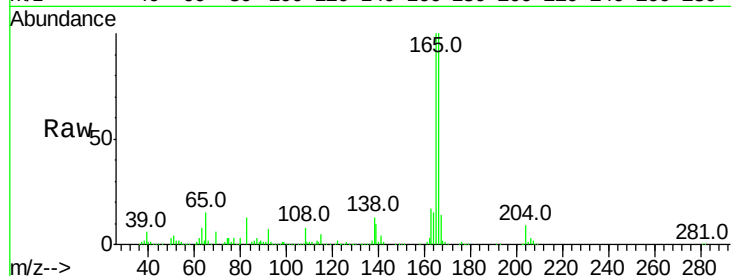
Tot Ion:166 Resp: 623510

Ion Ratio Lower Upper

166 100

165 100.2 78.6 117.8

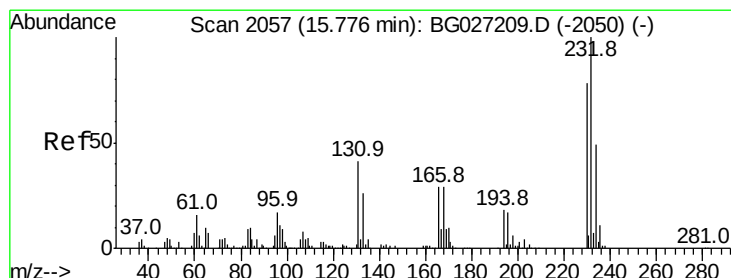
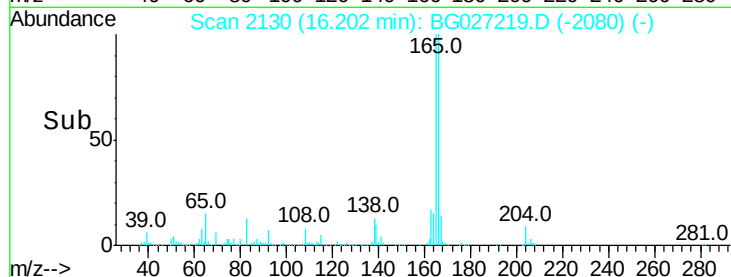
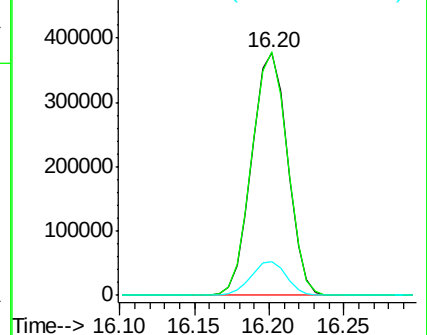
167 14.0 11.6 17.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.98 ng

RT: 15.77 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Tgt Ion:232 Resp: 177115

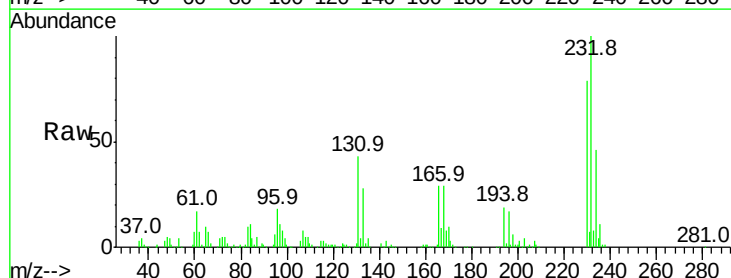
Ion Ratio Lower Upper

232 100

131 42.9 34.9 52.3

130 2.4 2.3 3.5

166 29.5 24.2 36.4

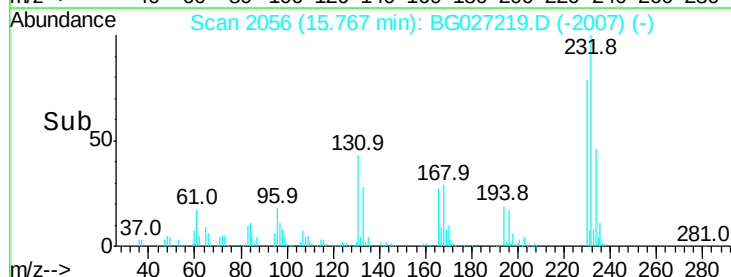
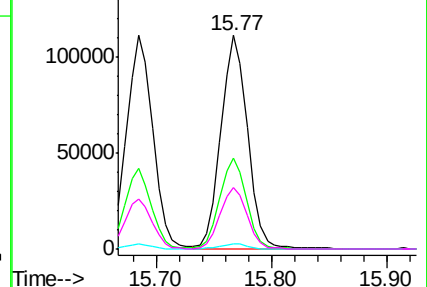


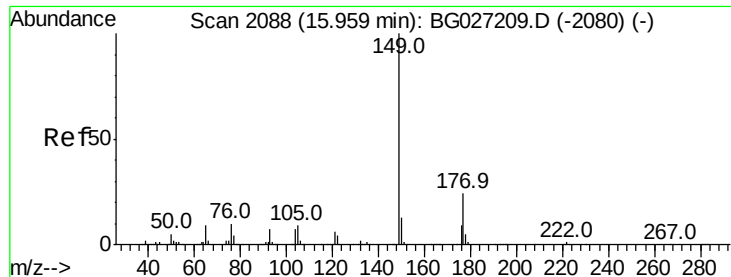
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.91 ng

RT: 15.95 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

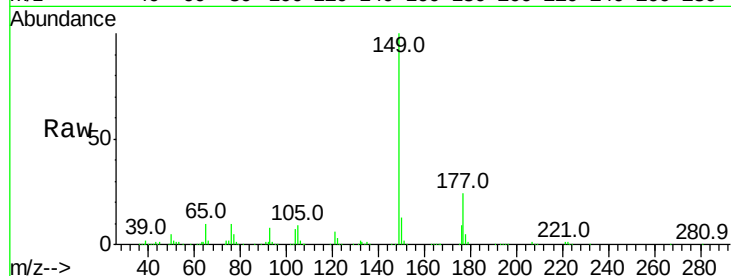
Tot Ion:149 Resp: 643484

Ion Ratio Lower Upper

149 100

177 24.2 20.1 30.1

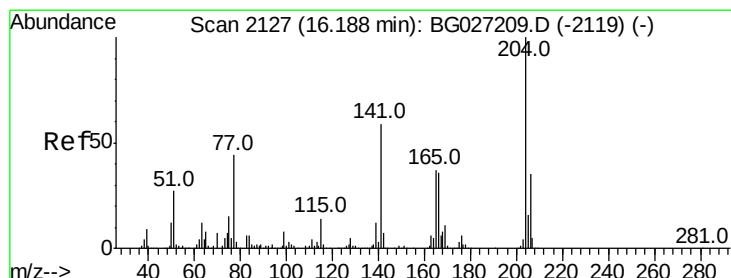
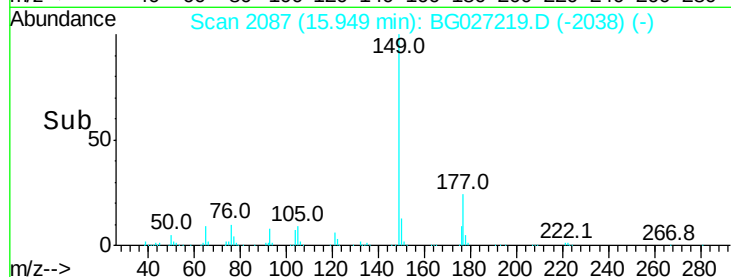
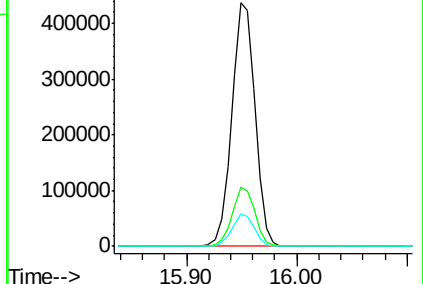
150 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.73 ng

RT: 16.18 min Scan# 2127

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

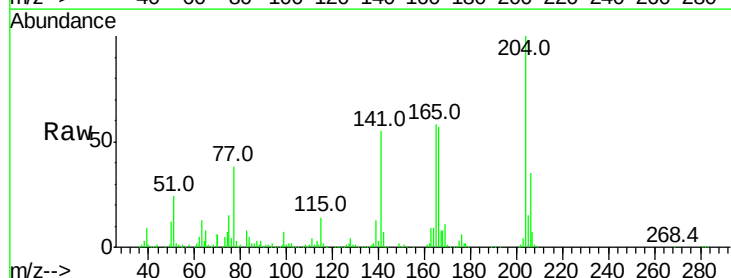
Tgt Ion:204 Resp: 326233

Ion Ratio Lower Upper

204 100

206 34.5 30.1 45.1

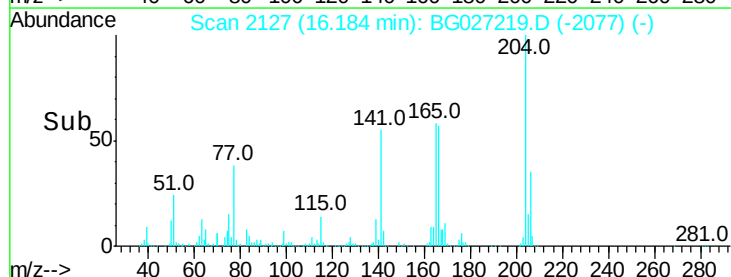
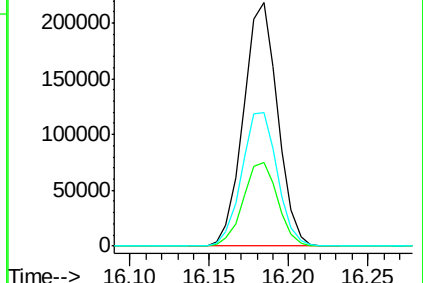
141 54.8 50.6 76.0

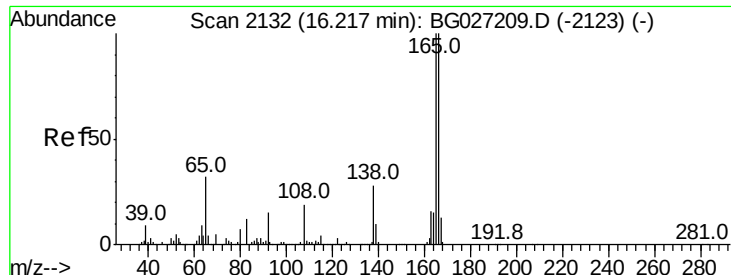


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

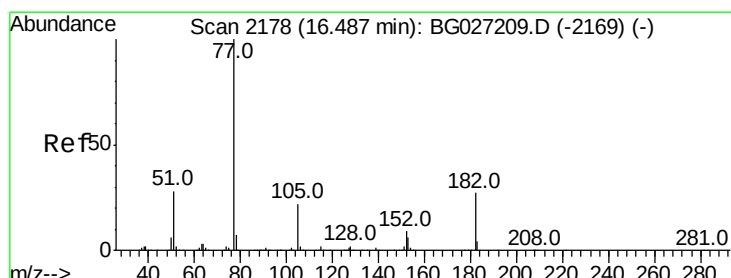
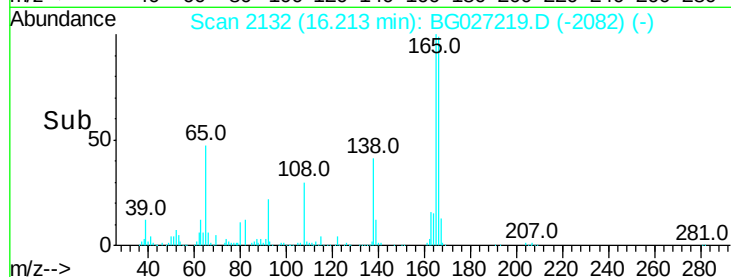
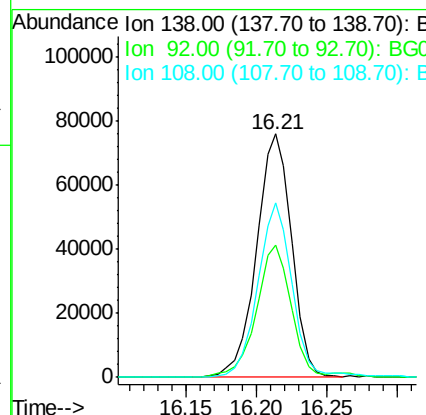
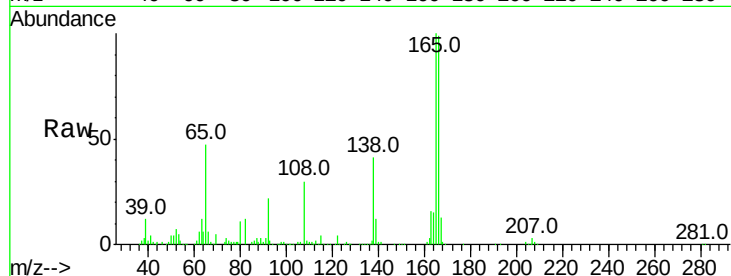




#61
4-Nitroaniline
Concen: 44.19 ng
RT: 16.21 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

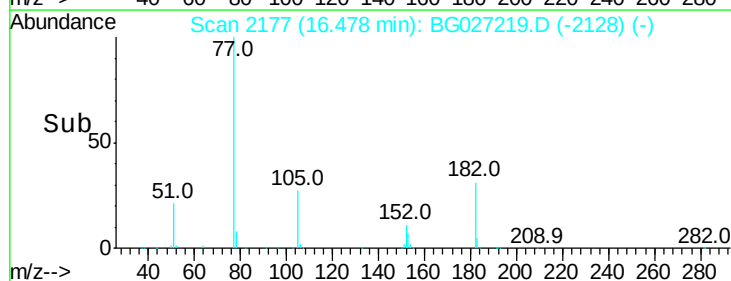
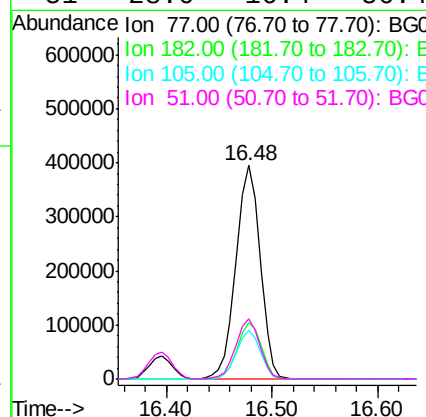
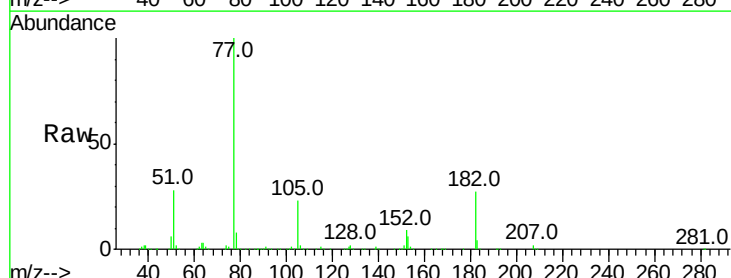
Instrument :
BNA_G
ClientSampleId :
PB99457BS

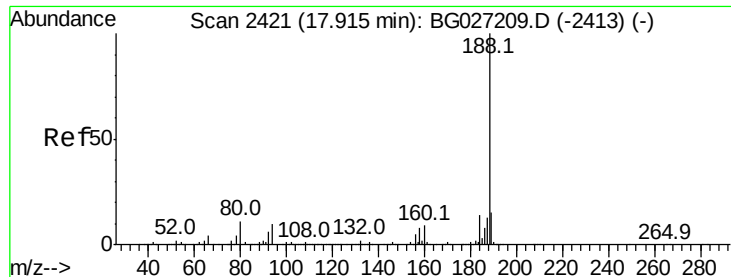
Tot Ion:138 Resp: 132278
Ion Ratio Lower Upper
138 100
92 54.2 44.2 84.2
108 71.9 104.8 144.8#



#62
Azobenzene
Concen: 48.08 ng
RT: 16.48 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion: 77 Resp: 624527
Ion Ratio Lower Upper
77 100
182 26.6 4.7 44.7
105 23.0 0.0 36.3
51 28.0 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: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

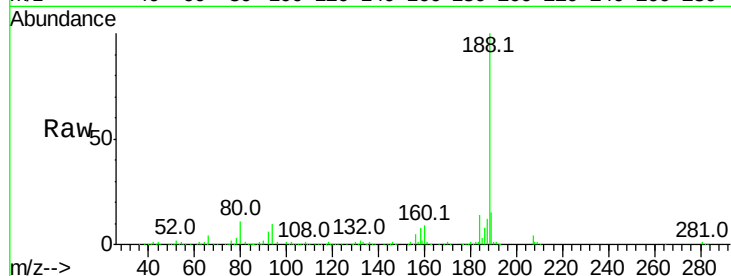
Tot Ion:188 Resp: 399610

Ion Ratio Lower Upper

188 100

94 10.1 5.8 8.8#

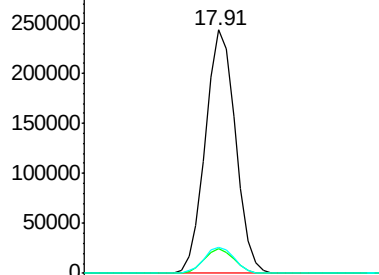
80 10.9 7.5 11.3



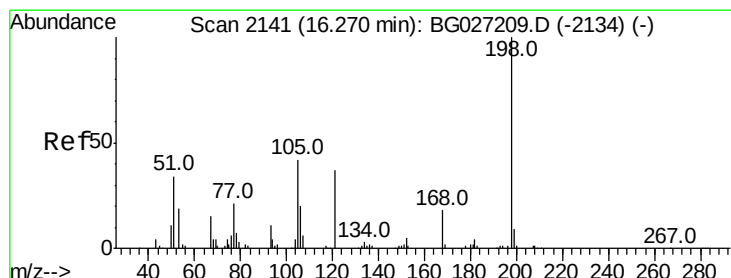
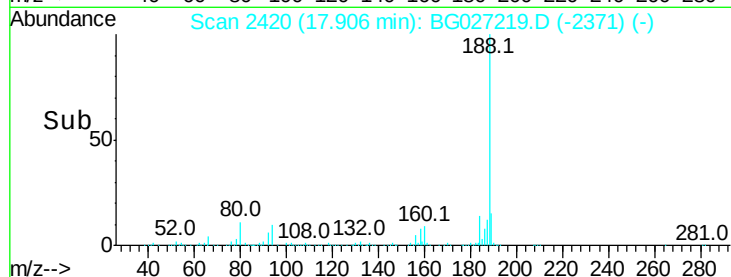
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.80 17.90 18.00



#64

4,6-Dinitro-2-methylphenol

Concen: 50.42 ng

RT: 16.26 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

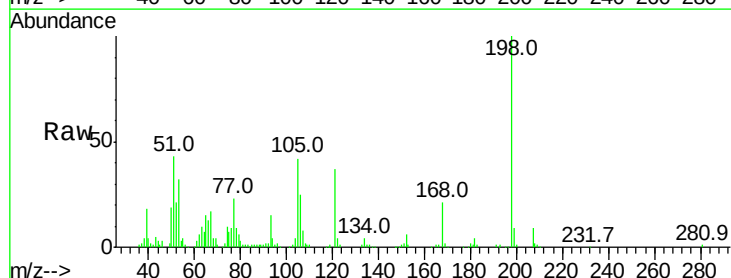
Tgt Ion:198 Resp: 91164

Ion Ratio Lower Upper

198 100

51 43.0 22.6 62.6

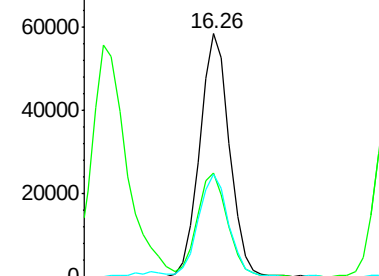
105 42.3 14.4 54.4



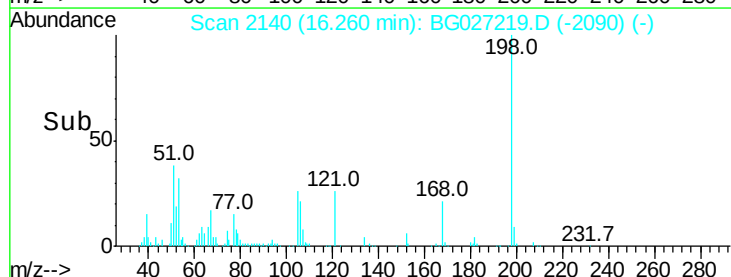
Abundance Ion 198.00 (197.70 to 198.70): E

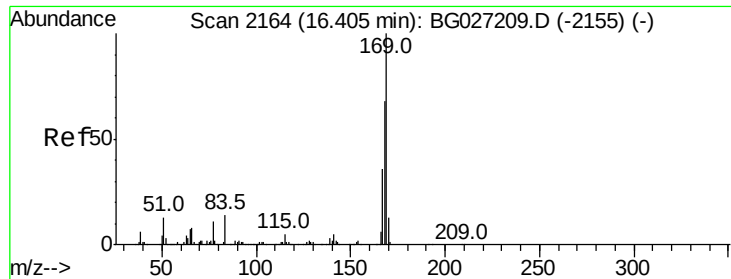
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 16.20 16.30

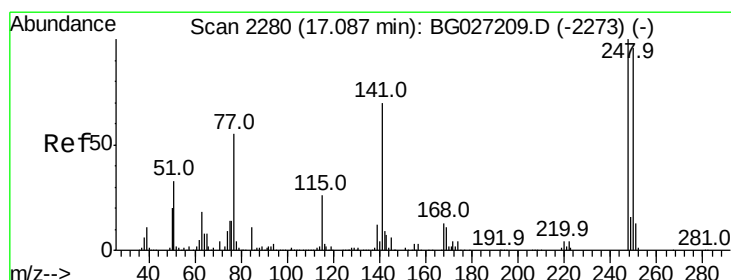
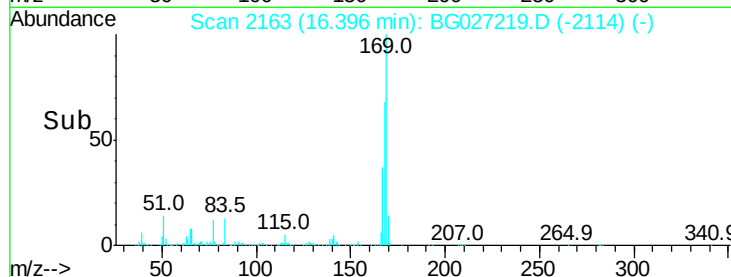
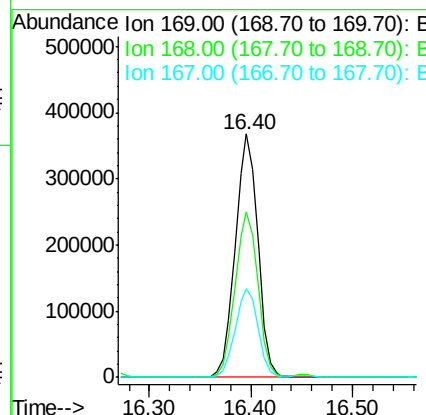
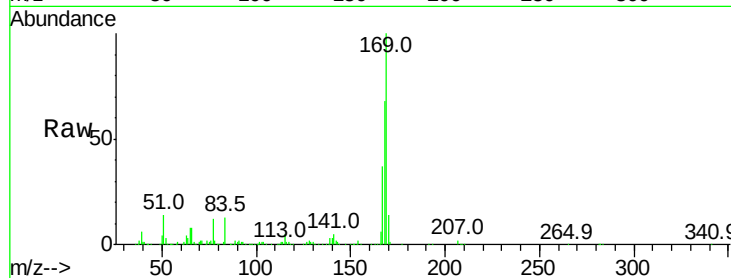




#65
n-Nitrosodiphenylamine
Concen: 45.12 ng
RT: 16.40 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

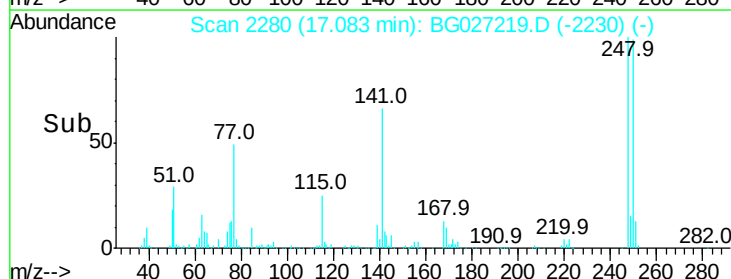
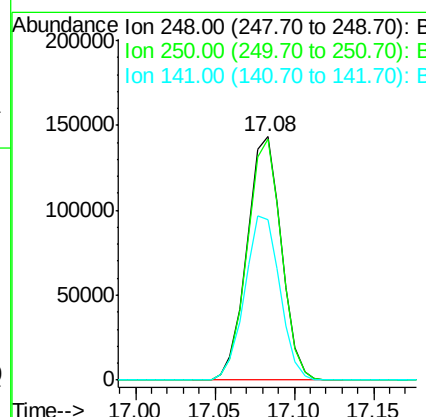
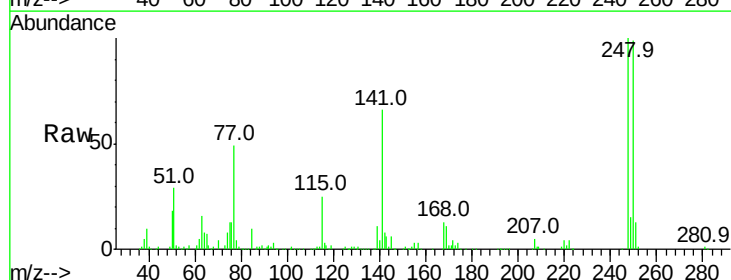
Instrument :
BNA_G
ClientSampleId :
PB99457BS

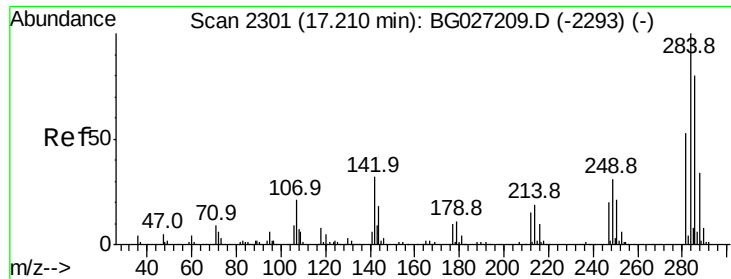
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	55.7	83.5
167	36.6	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 45.62 ng
RT: 17.08 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.0	112.6
141	65.7	55.2	82.8

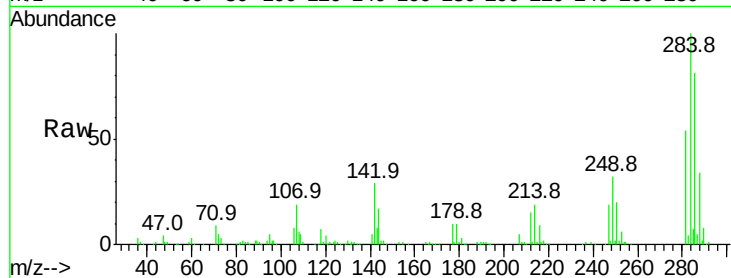




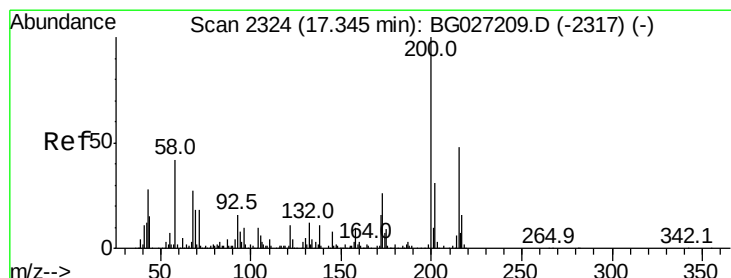
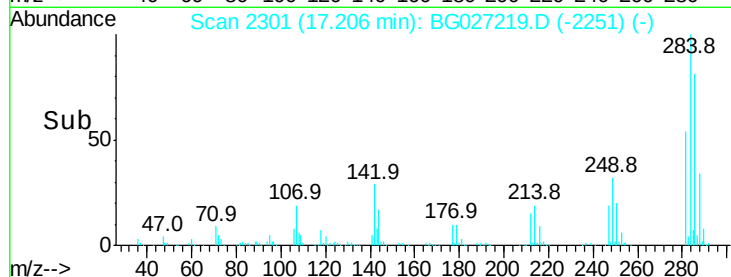
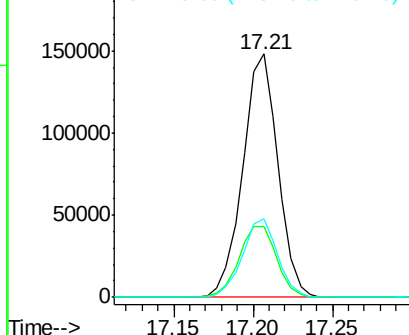
#67
Hexachlorobenzene
Concen: 44.71 ng
RT: 17.21 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Instrument :
BNA_G
ClientSampleId :
PB99457BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.1	29.9	44.9#
249	32.1	29.2	43.8

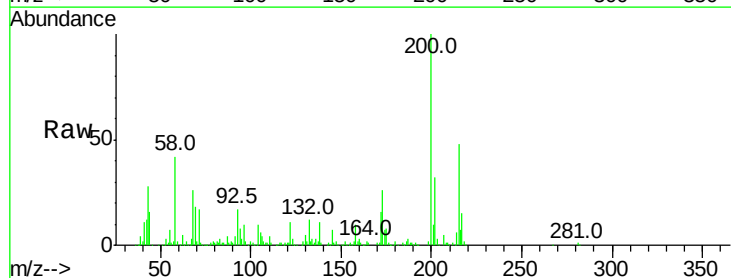


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

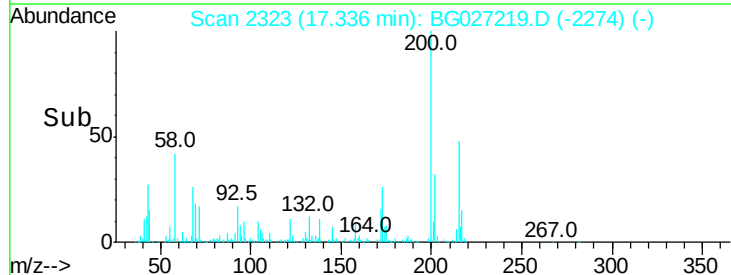
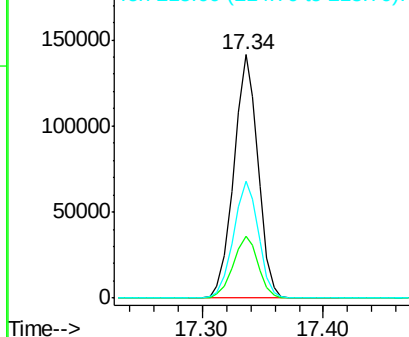


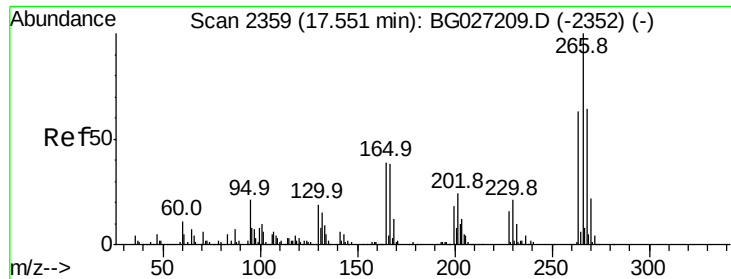
#68
Atrazine
Concen: 46.96 ng
RT: 17.34 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.6	3.0	43.0
215	48.2	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

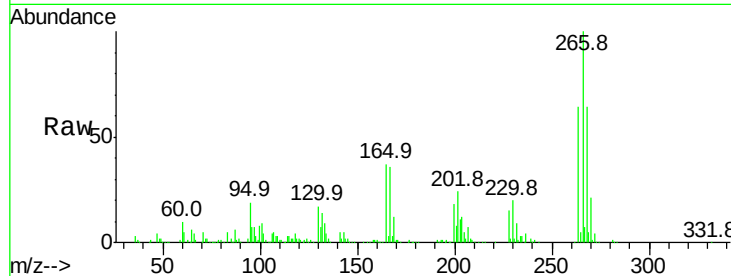




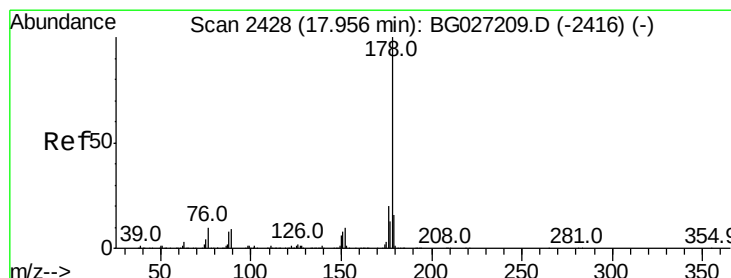
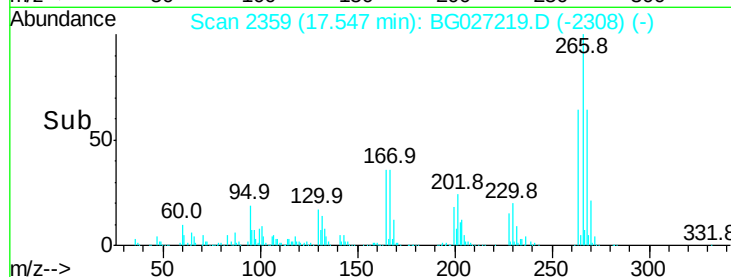
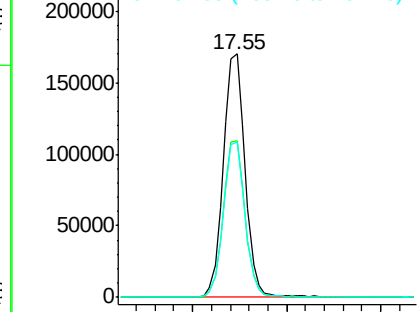
#69
 Pentachlorophenol
 Concen: 92.72 ng
 RT: 17.55 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	48.6	72.8
264	63.9	50.1	75.1

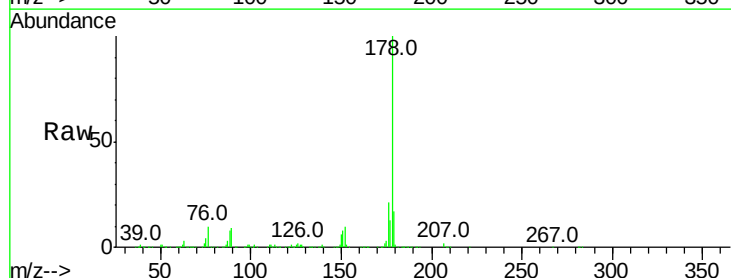


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

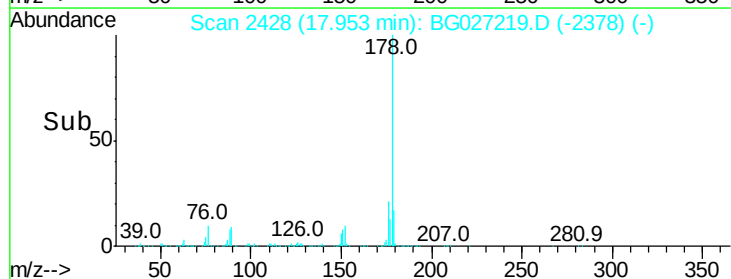
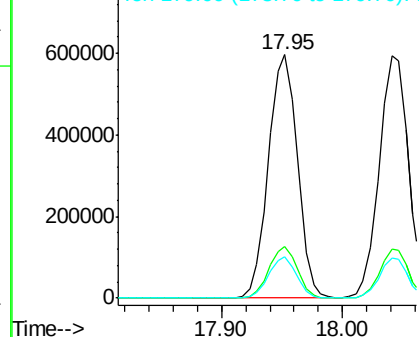


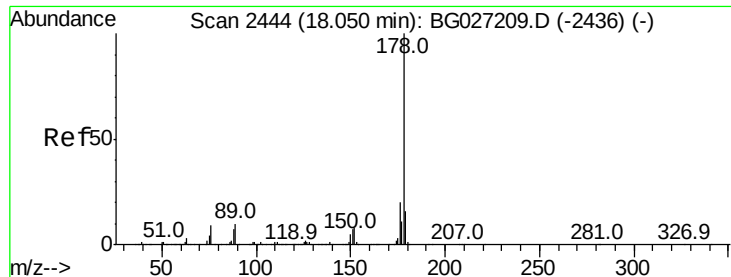
#70
 Phenanthrene
 Concen: 44.01 ng
 RT: 17.95 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	17.7	26.5
179	16.9	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



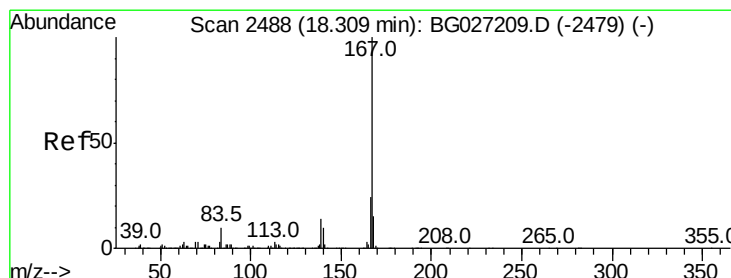
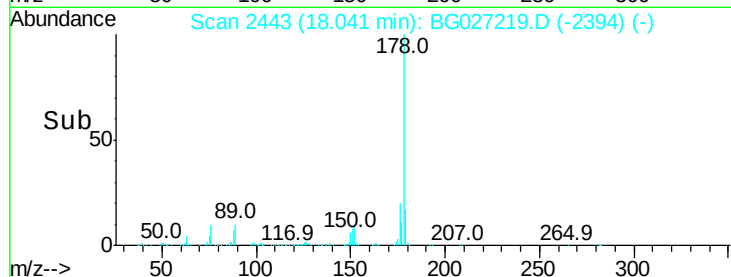
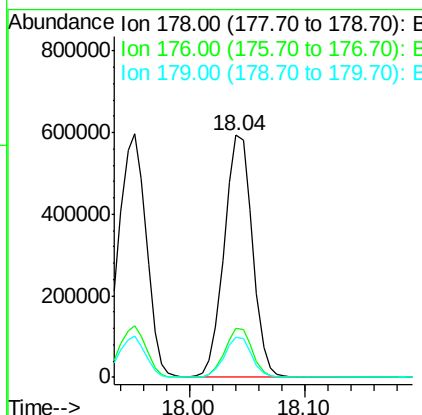
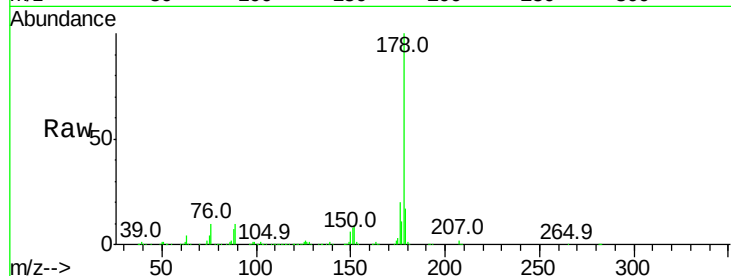


#71
 Anthracene
 Concen: 44.41 ng
 RT: 18.04 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

Tot Ion:178 Resp: 1000338

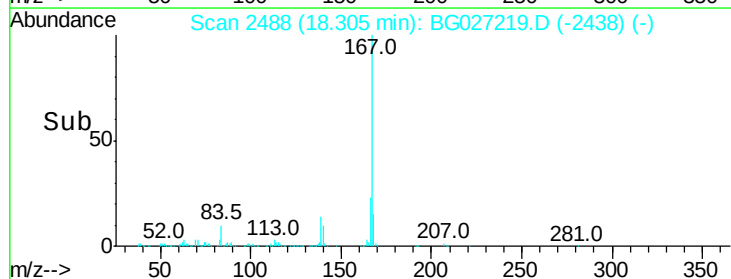
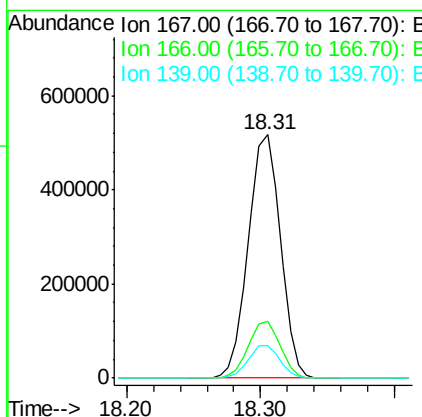
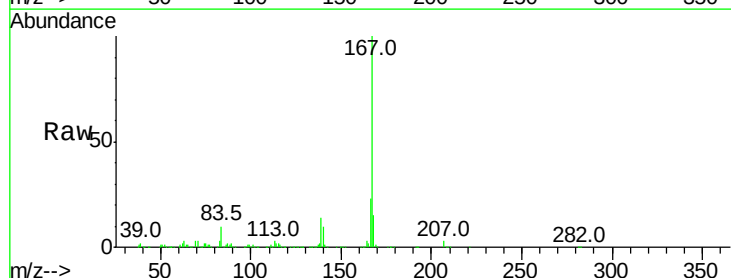
Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.4	24.6
179	16.7	13.8	20.8

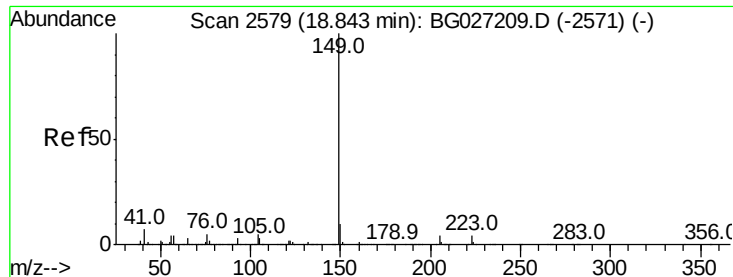


#72
 Carbazole
 Concen: 40.49 ng
 RT: 18.31 min Scan# 2488
 Delta R.T. -0.00 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion:167 Resp: 860093

Ion	Ratio	Lower	Upper
167	100		
166	23.1	20.2	30.2
139	13.6	12.8	19.2





#73

Di-n-butylphthalate

Concen: 46.81 ng

RT: 18.84 min Scan# 2579

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

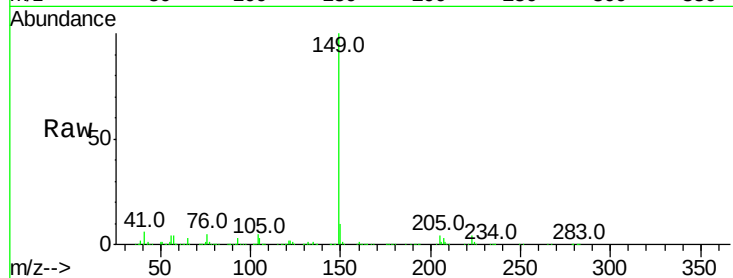
Tot Ion:149 Resp: 964258

Ion Ratio Lower Upper

149 100

150 9.5 9.1 13.7

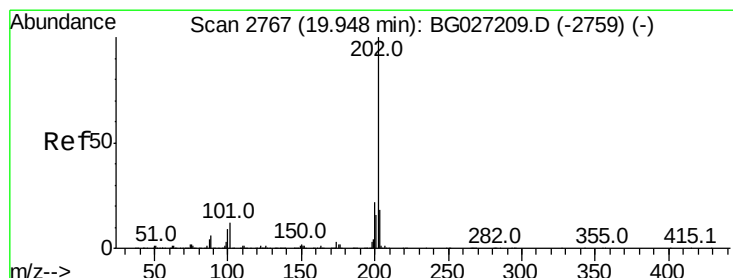
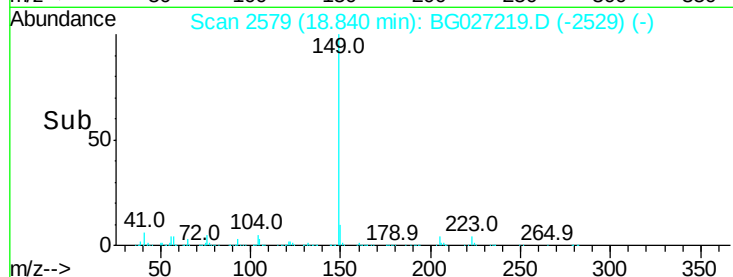
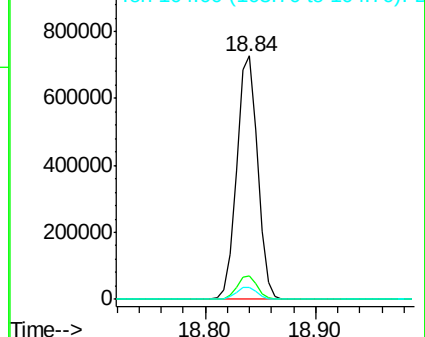
104 4.9 6.7 10.1#



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: 44.01 ng

RT: 19.94 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

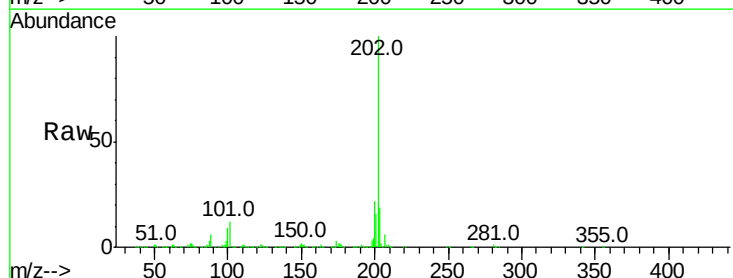
Tgt Ion:202 Resp: 1057144

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.1

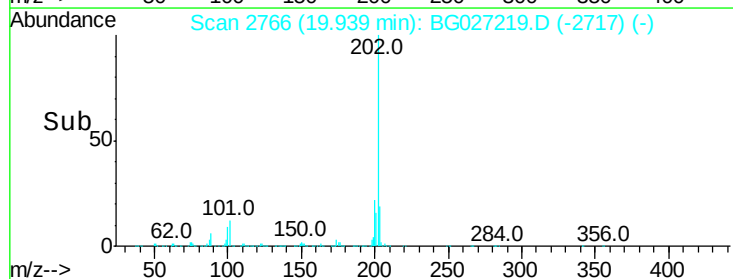
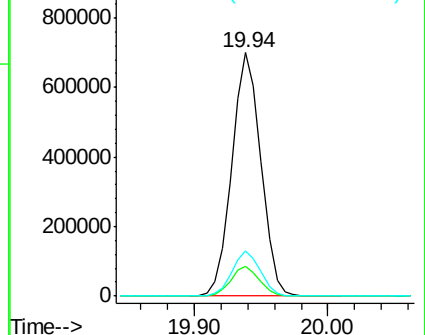
203 18.8 1.3 41.3

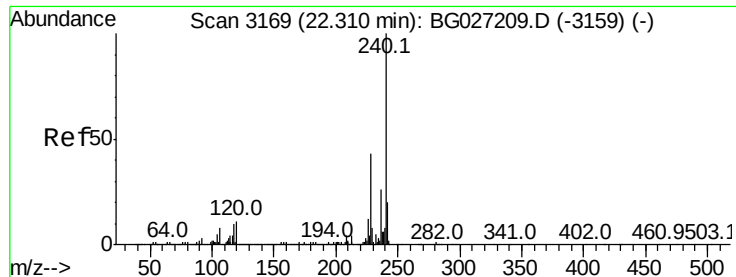


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.30 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

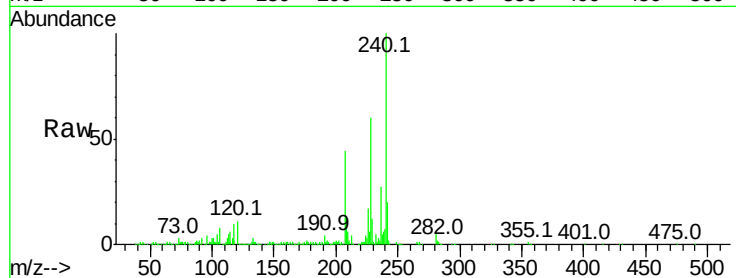
Tot Ion:240 Resp: 434889

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

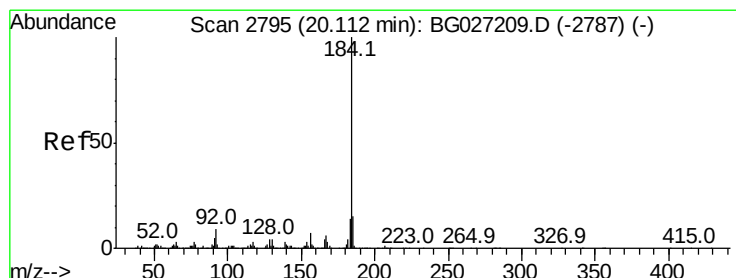
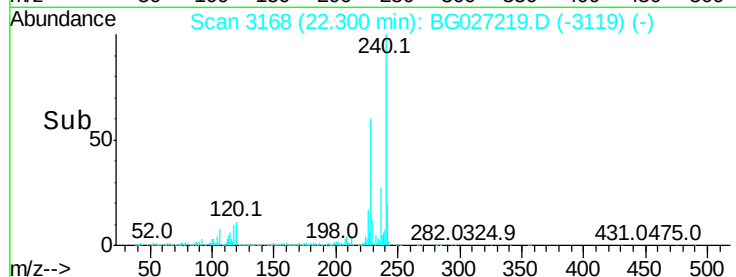
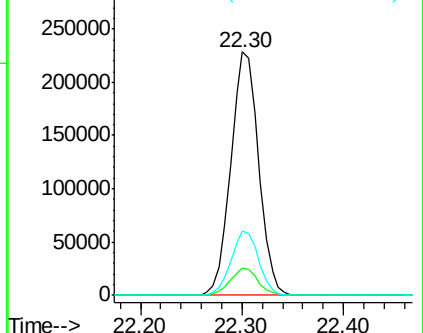
236 26.7 22.2 33.4



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: 17.71 ng

RT: 20.10 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

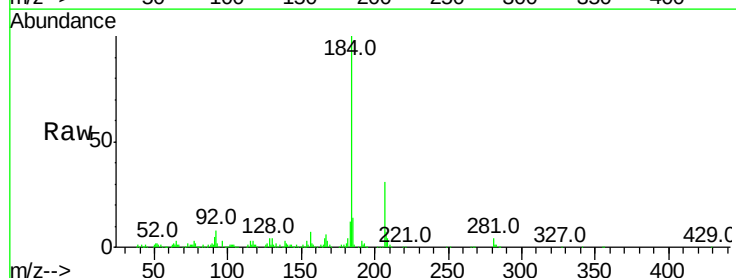
Tgt Ion:184 Resp: 231955

Ion Ratio Lower Upper

184 100

185 14.3 13.0 19.6

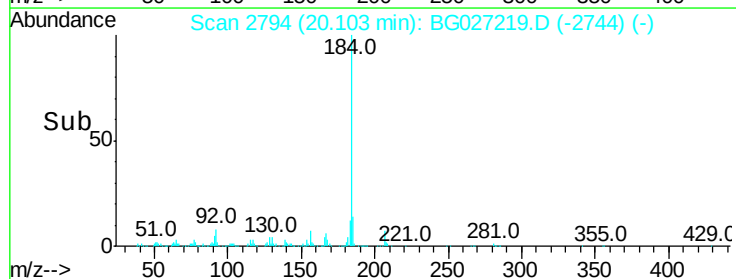
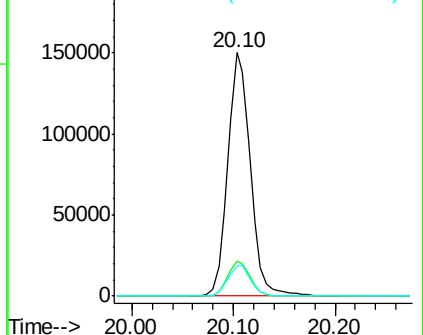
183 12.5 11.0 16.6

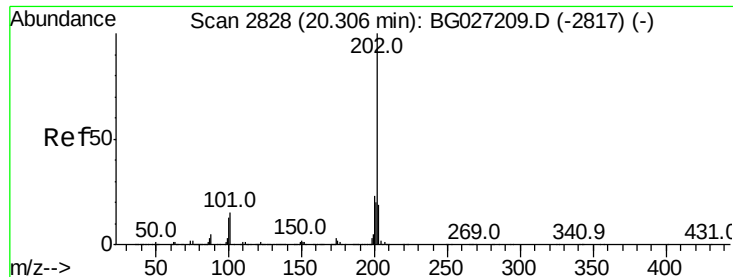


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.47 ng

RT: 20.30 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

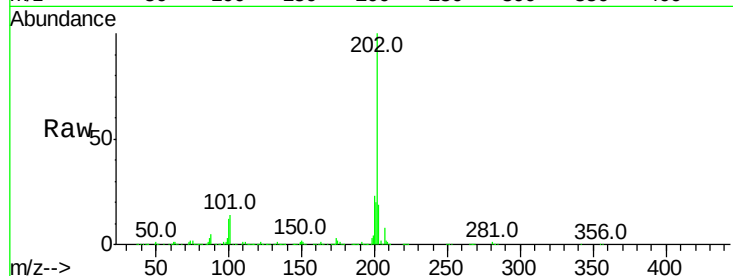
Tot Ion:202 Resp: 1089548

Ion Ratio Lower Upper

202 100

200 22.9 19.6 29.4

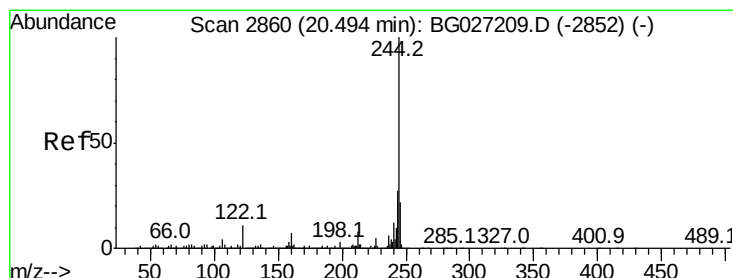
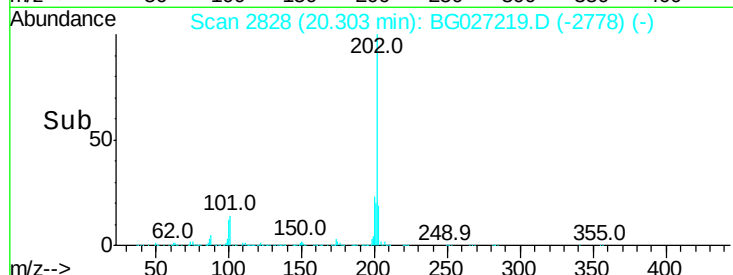
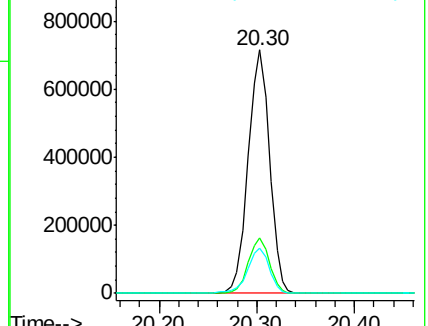
203 18.8 15.8 23.8



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: 87.60 ng

RT: 20.48 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

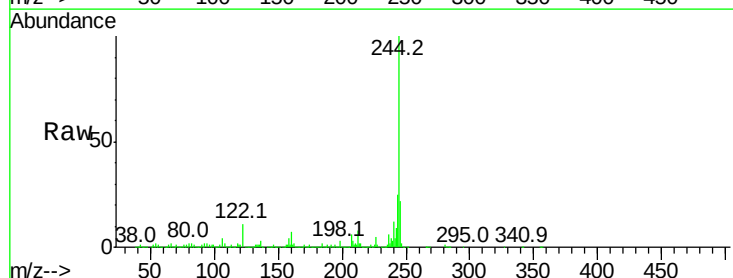
Tgt Ion:244 Resp: 1493350

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

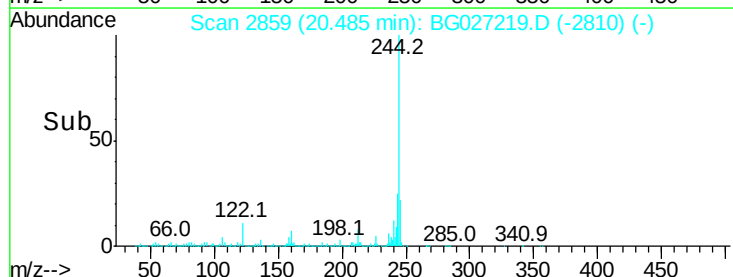
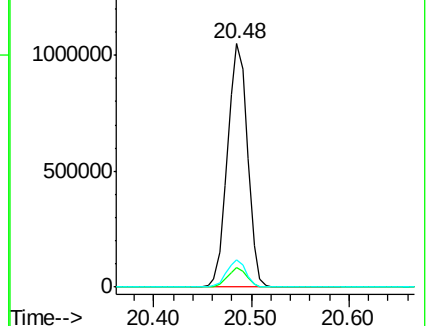
122 11.4 8.6 12.8

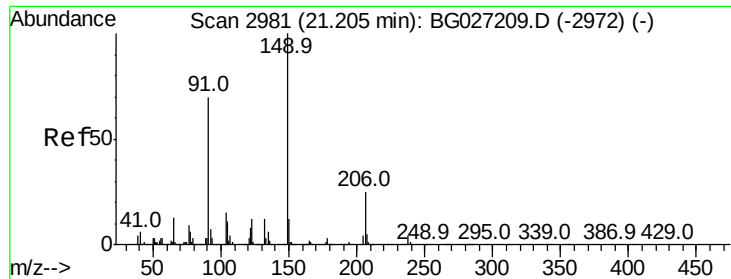


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

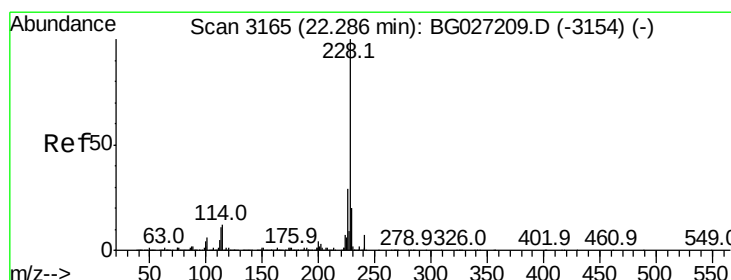
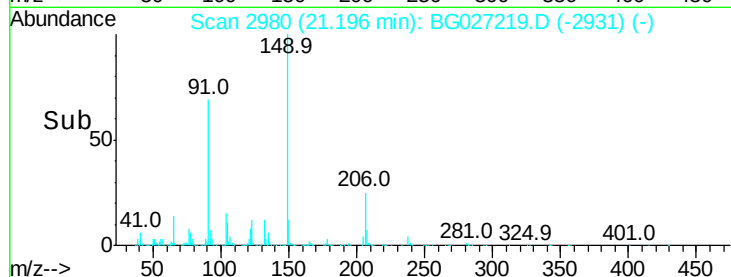
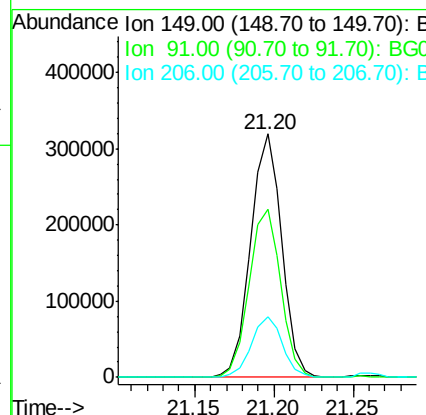
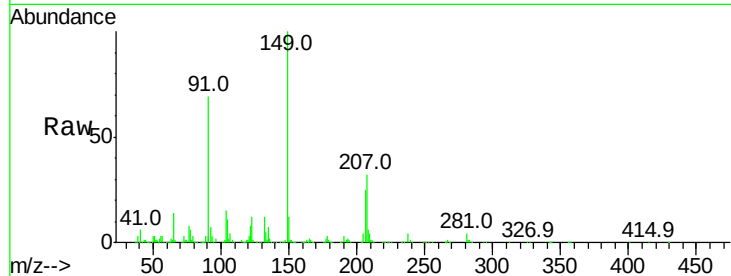




#79
Butylbenzylphthalate
Concen: 46.55 ng
RT: 21.20 min Scan# 2980
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

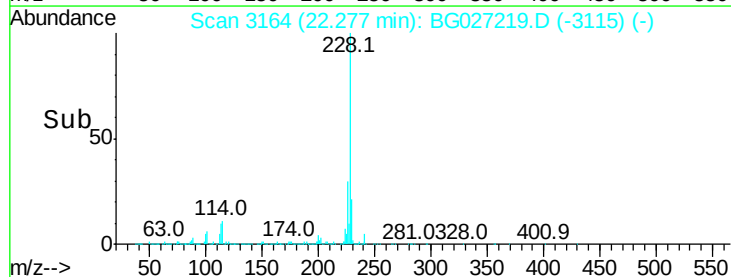
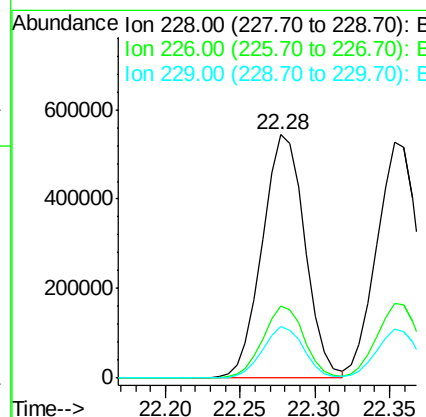
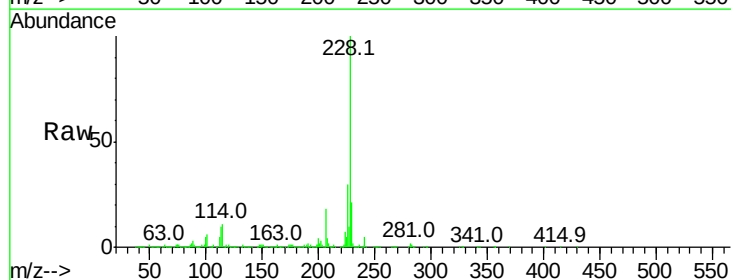
Instrument :
BNA_G
ClientSampleId :
PB99457BS

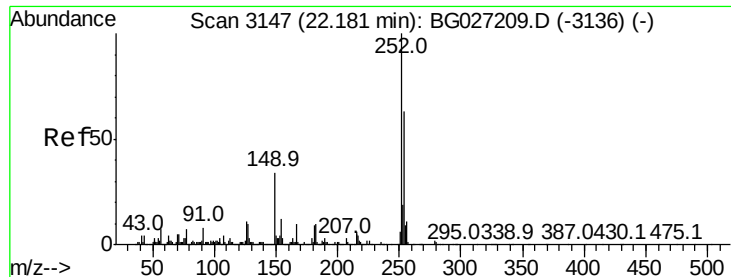
Tot Ion:149 Resp: 432178
Ion Ratio Lower Upper
149 100
91 69.1 63.5 95.3
206 24.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 43.62 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BG027219.D
Acq: 5 Jun 2017 19:15

Tgt Ion:228 Resp: 1081889
Ion Ratio Lower Upper
228 100
226 29.7 24.9 37.3
229 21.4 18.2 27.2

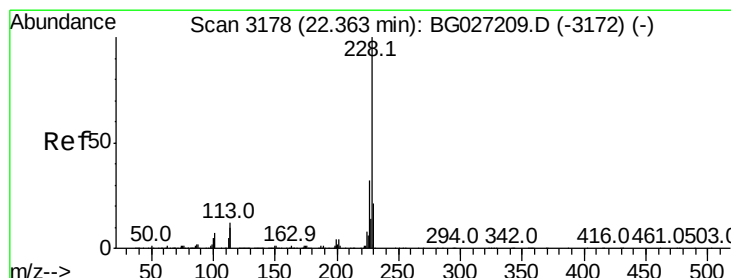
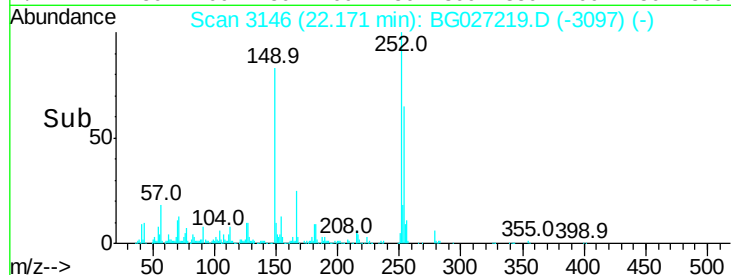
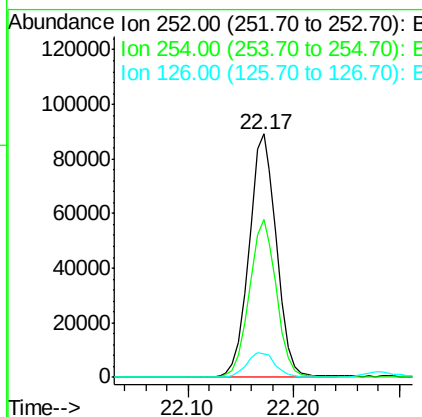
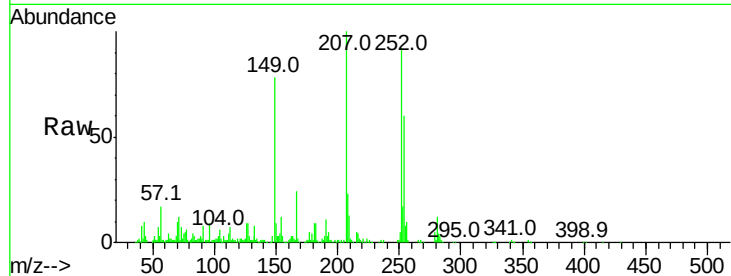




#81
 3,3'-Dichlorobenzidine
 Concen: 16.74 ng
 RT: 22.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

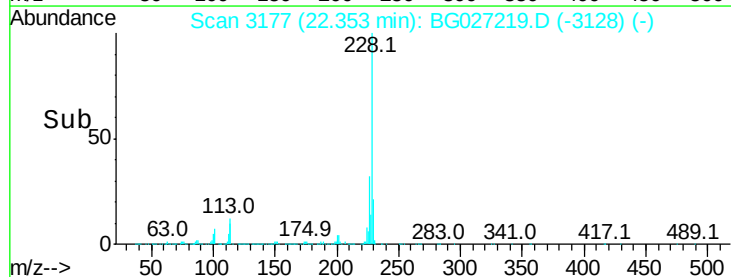
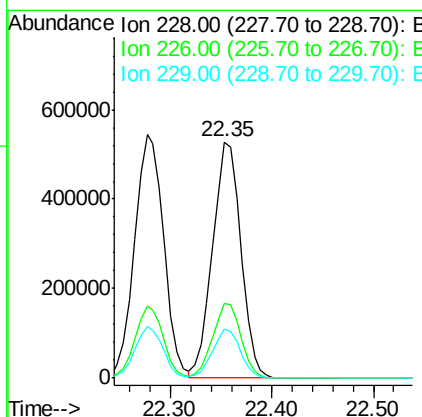
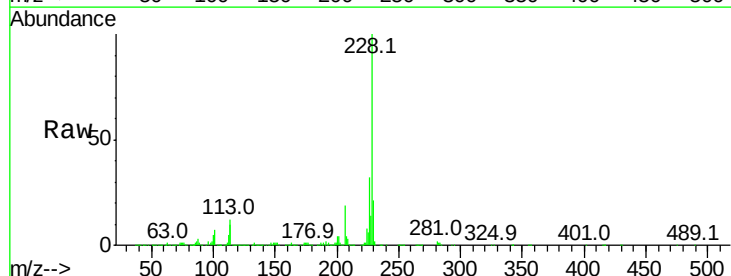
Instrument :
 BNA_G
 ClientSampleId :
 PB99457BS

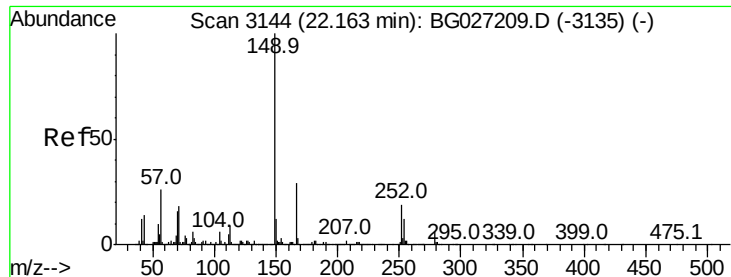
Tot Ion:252 Resp: 161479
 Ion Ratio Lower Upper
 252 100
 254 65.1 53.1 79.7
 126 9.8 7.0 10.4



#82
 Chrysene
 Concen: 42.90 ng
 RT: 22.35 min Scan# 3177
 Delta R.T. -0.01 min
 Lab File: BG027219.D
 Acq: 5 Jun 2017 19:15

Tgt Ion:228 Resp: 1021419
 Ion Ratio Lower Upper
 228 100
 226 31.8 27.0 40.4
 229 20.6 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.85 ng

RT: 22.15 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

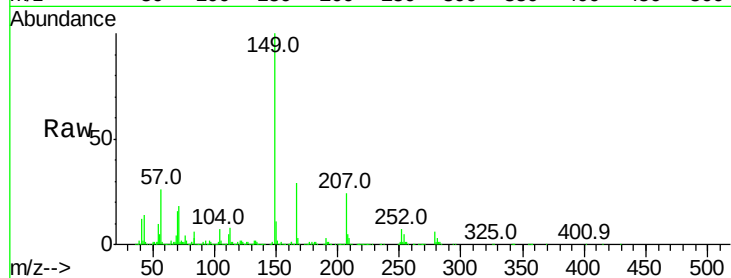
BNA_G

ClientSampleId :

PB99457BS

Tot Ion:149 Resp: 629237

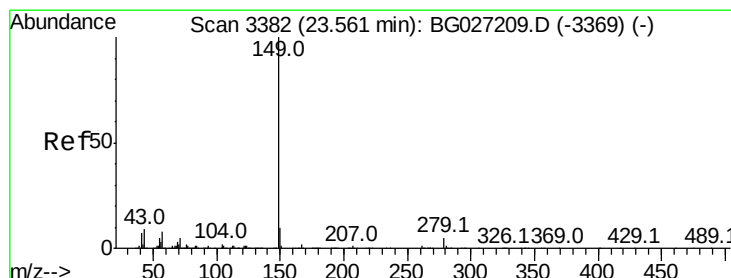
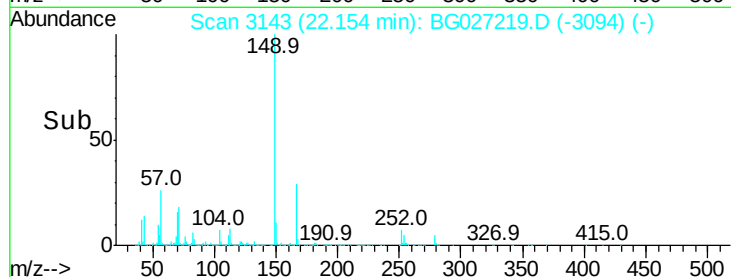
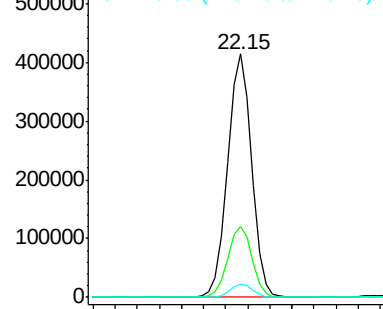
Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.7	35.5
279	5.5	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.50 ng

RT: 23.55 min Scan# 3380

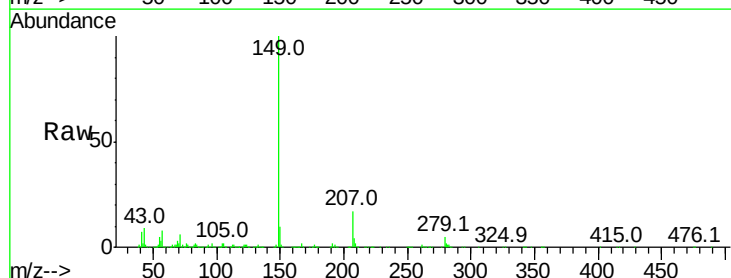
Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Tgt Ion:149 Resp: 1080524

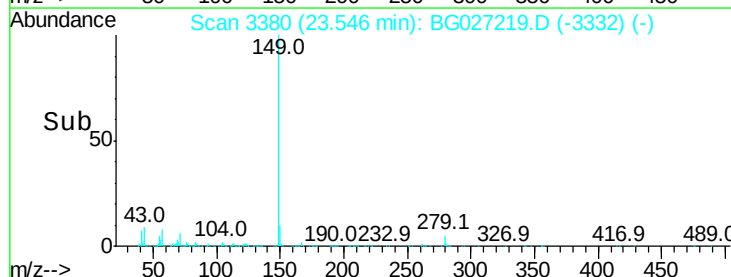
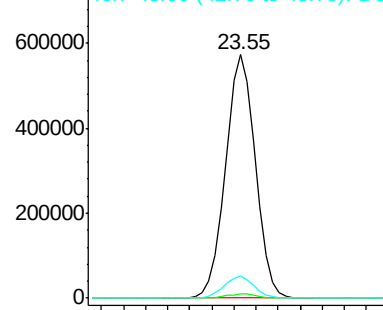
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.0	11.8	17.6

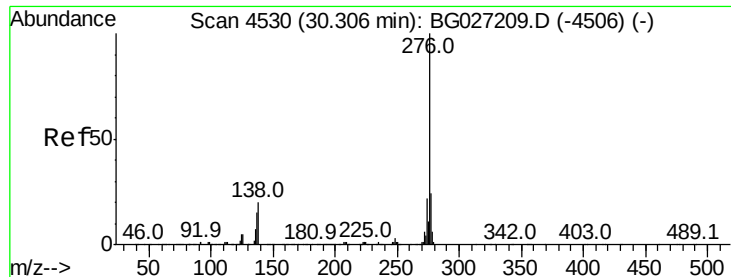


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.09 ng

RT: 30.29 min Scan# 4528

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

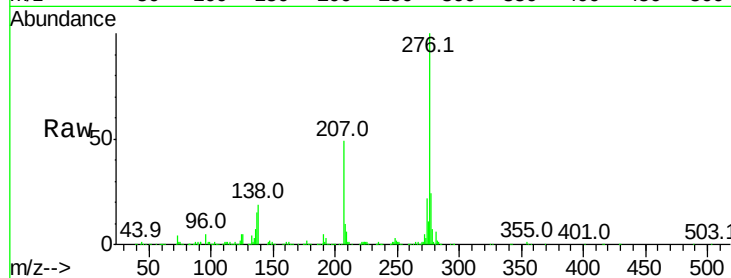
Tot Ion:276 Resp: 1300275

Ion Ratio Lower Upper

276 100

138 14.9 4.7 7.1#

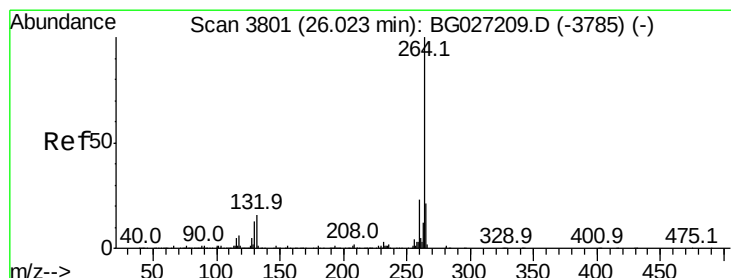
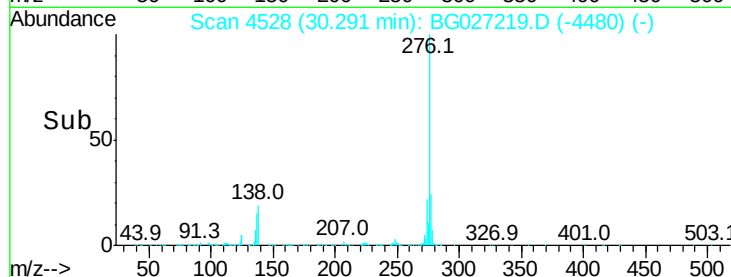
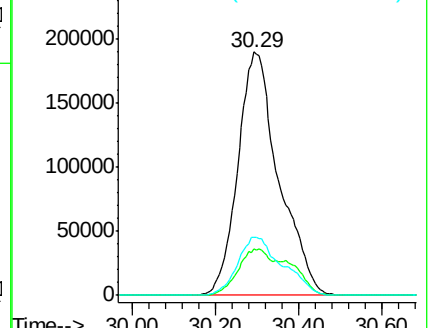
277 26.3 20.6 31.0



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: BG027219.D

Acq: 5 Jun 2017 19:15

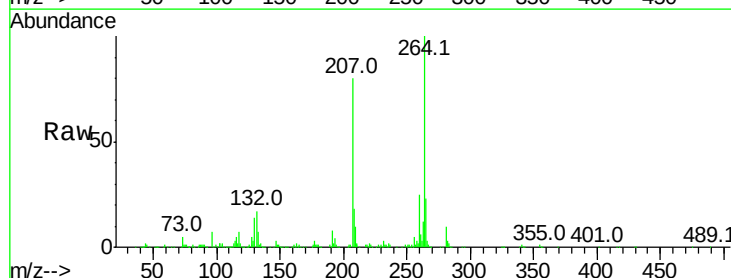
Tgt Ion:264 Resp: 404615

Ion Ratio Lower Upper

264 100

260 24.6 21.8 32.8

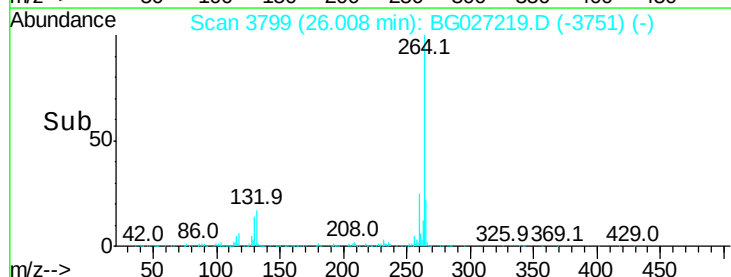
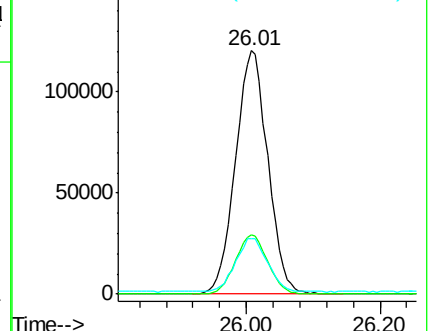
265 22.6 18.2 27.4

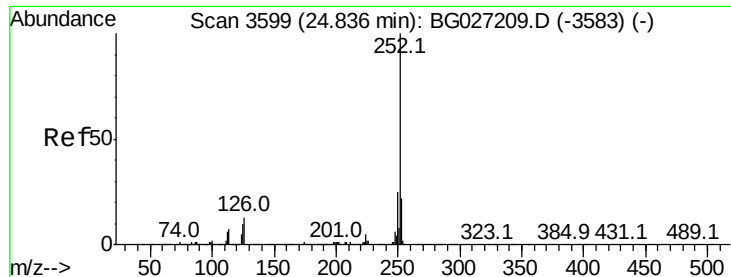


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.98 ng

RT: 24.82 min Scan# 3597

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

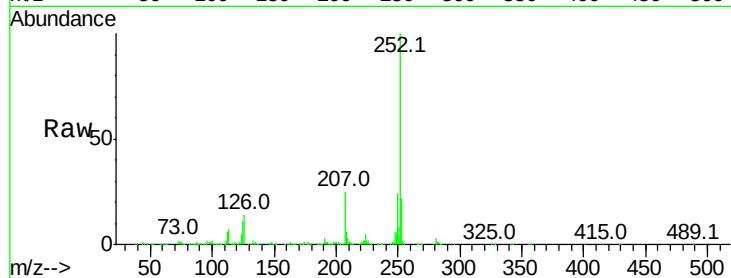
Tot Ion:252 Resp: 1103593

Ion Ratio Lower Upper

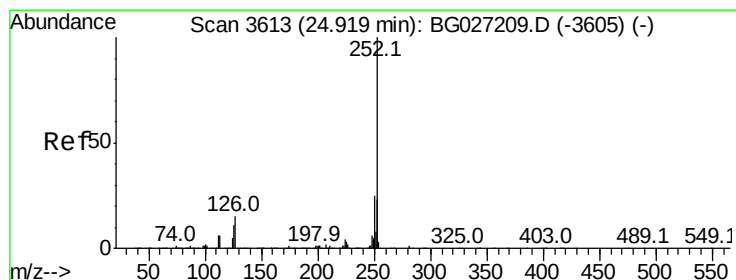
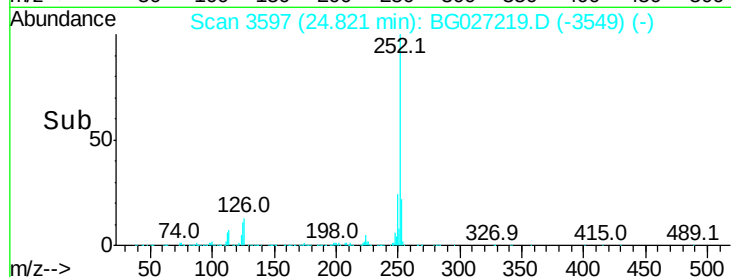
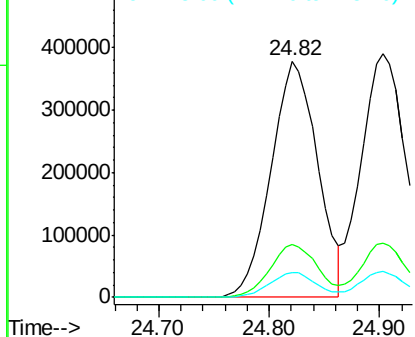
252 100

253 22.4 18.7 28.1

125 10.7 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.43 ng

RT: 24.90 min Scan# 3611

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

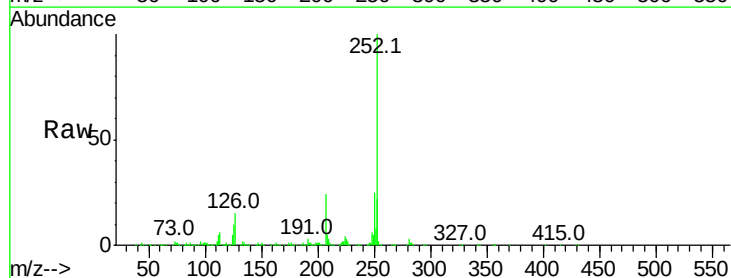
Tgt Ion:252 Resp: 1093847

Ion Ratio Lower Upper

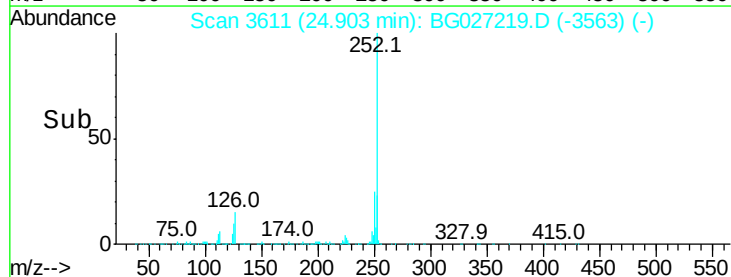
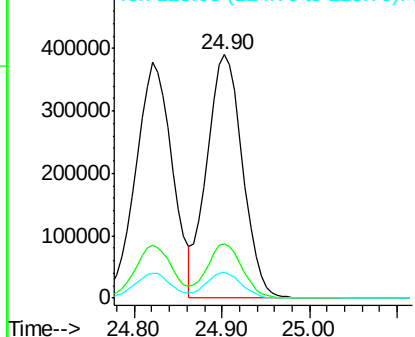
252 100

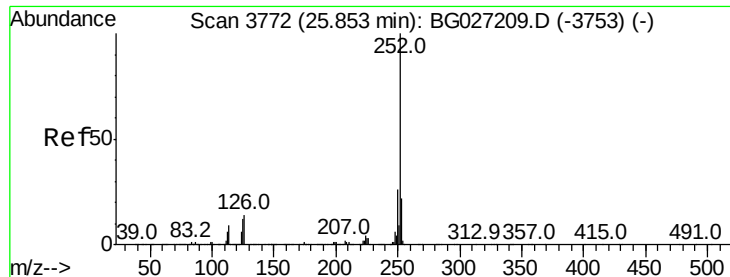
253 22.5 20.2 30.2

125 10.4 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.10 ng

RT: 25.84 min Scan# 3770

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

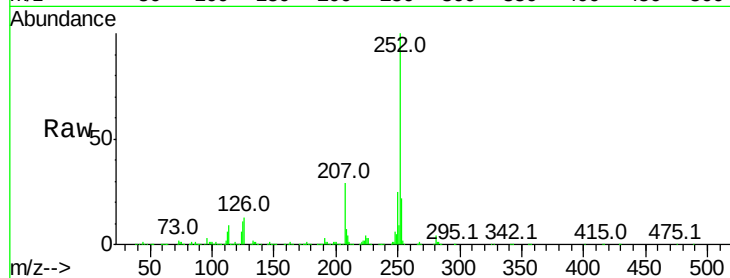
Tot Ion:252 Resp: 1065361

Ion Ratio Lower Upper

252 100

253 22.2 19.2 28.8

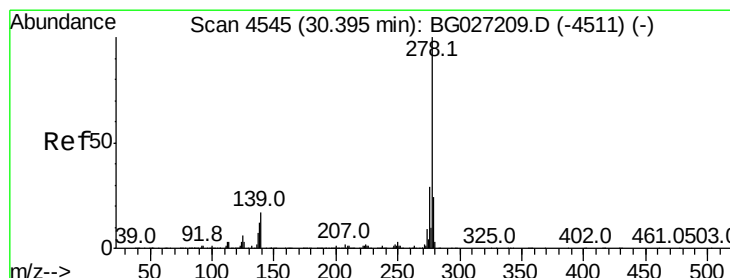
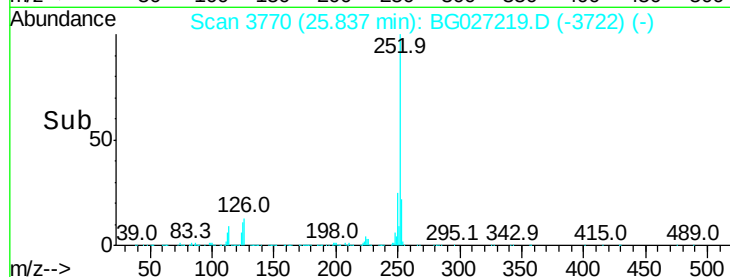
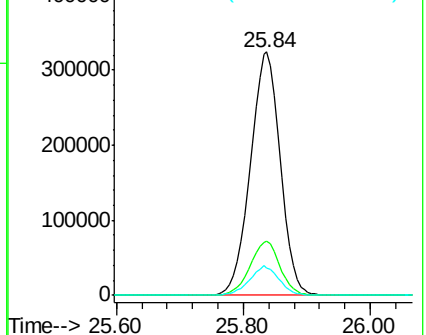
125 11.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.02 ng

RT: 30.38 min Scan# 4543

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

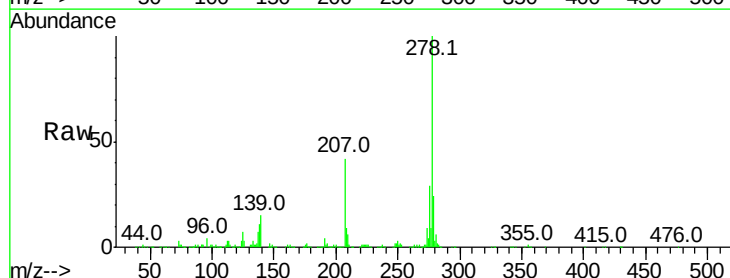
Tgt Ion:278 Resp: 1113216

Ion Ratio Lower Upper

278 100

139 15.0 7.7 11.5#

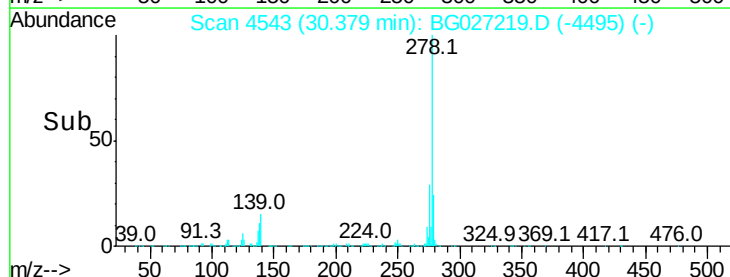
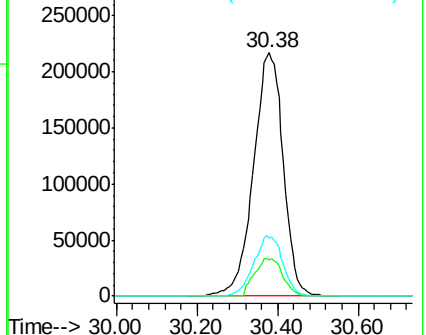
279 24.1 19.1 28.7

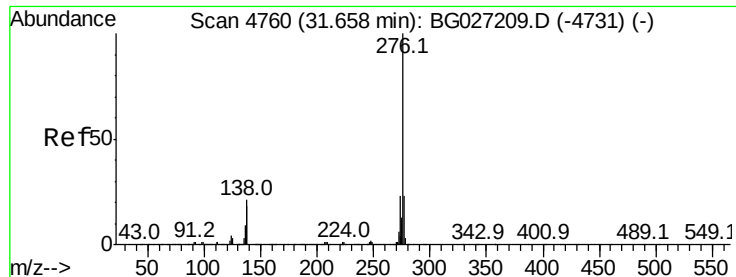


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.40 ng

RT: 31.64 min Scan# 4758

Delta R.T. -0.02 min

Lab File: BG027219.D

Acq: 5 Jun 2017 19:15

Instrument :

BNA_G

ClientSampleId :

PB99457BS

Tot Ion:276 Resp: 1063285

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 20.6 8.1 12.1#

