

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060617\
 Data File : BG027255.D
 Acq On : 6 Jun 2017 18:51
 Operator : SJ/MA
 Sample : PB99498BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 05:16:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	54497	20.00	ng	-0.01
21) Naphthalene-d8	11.39	136	276343	20.00	ng	-0.01
38) Acenaphthene-d10	15.15	164	185230	20.00	ng	-0.01
63) Phenanthrene-d10	17.90	188	424249	20.00	ng	-0.02
75) Chrysene-d12	22.29	240	433303	20.00	ng	-0.02
86) Perylene-d12	25.98	264	400387	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	578742	162.05	ng	0.00
7) Phenol-d6	7.70	99	830737	158.47	ng	0.00
23) Nitrobenzene-d5	9.73	82	448252	102.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	378096	155.01	ng	-0.01
44) 2-Fluorobiphenyl	13.77	172	1168628	88.26	ng	-0.02
78) Terphenyl-d14	20.48	244	1553118	91.44	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	4.16	88	47073	31.79	ng	# 78
3) Pyridine	4.54	79	152996	33.52	ng	# 71
4) n-Nitrosodimethylamine	4.45	42	73562	43.52	ng	# 50
6) Aniline	7.89	93	256698	38.88	ng	# 92
8) 2-Chlorophenol	8.13	128	201327	53.39	ng	92
9) Benzaldehyde	7.71	77	99485	27.45	ng	86
10) Phenol	7.73	94	294425	54.92	ng	76
11) bis(2-Chloroethyl)ether	7.97	93	191848	43.62	ng	85
12) 1,3-Dichlorobenzene	8.46	146	176685	41.54	ng	92
13) 1,4-Dichlorobenzene	8.60	146	181407	41.56	ng	96
14) 1,2-Dichlorobenzene	8.93	146	180054	42.29	ng	92
15) Benzyl Alcohol	8.79	79	198993	53.87	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	9.08	45	286120	45.47	ng	92
17) 2-Methylphenol	8.98	107	198413	52.36	ng	# 86
18) Hexachloroethane	9.66	117	64395	43.79	ng	85
19) n-Nitroso-di-n-propylamine	9.36	70	168917	46.06	ng	# 85
20) 3+4-Methylphenols	9.30	107	273936	52.18	ng	87
22) Acetophenone	9.38	105	306392	43.35	ng	# 82
24) Nitrobenzene	9.77	77	235353	47.01	ng	# 85
25) Isophorone	10.30	82	469342	45.42	ng	# 96
26) 2-Nitrophenol	10.49	139	104672	50.31	ng	# 76
27) 2,4-Dimethylphenol	10.52	122	236005	53.12	ng	92
28) bis(2-Chloroethoxy)methane	10.77	93	296200	44.27	ng	99
29) 2,4-Dichlorophenol	11.02	162	215503	53.14	ng	98
30) 1,2,4-Trichlorobenzene	11.24	180	191280	42.59	ng	98
31) Naphthalene	11.43	128	633335	41.93	ng	100
32) Benzoic acid	10.65	122	155824	50.26	ng	88
33) 4-Chloroaniline	11.53	127	135794	21.58	ng	# 89
34) Hexachlorobutadiene	11.71	225	111501	40.40	ng	97
35) Caprolactam	12.32	113	51022	36.68	ng	# 77
36) 4-Chloro-3-methylphenol	12.60	107	268261	52.77	ng	94
37) 2-Methylnaphthalene	13.22	142	463344	42.06	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	237401	41.14	ng	99
40) Hexachlorocyclopentadiene	13.34	237	305442	99.45	ng	95

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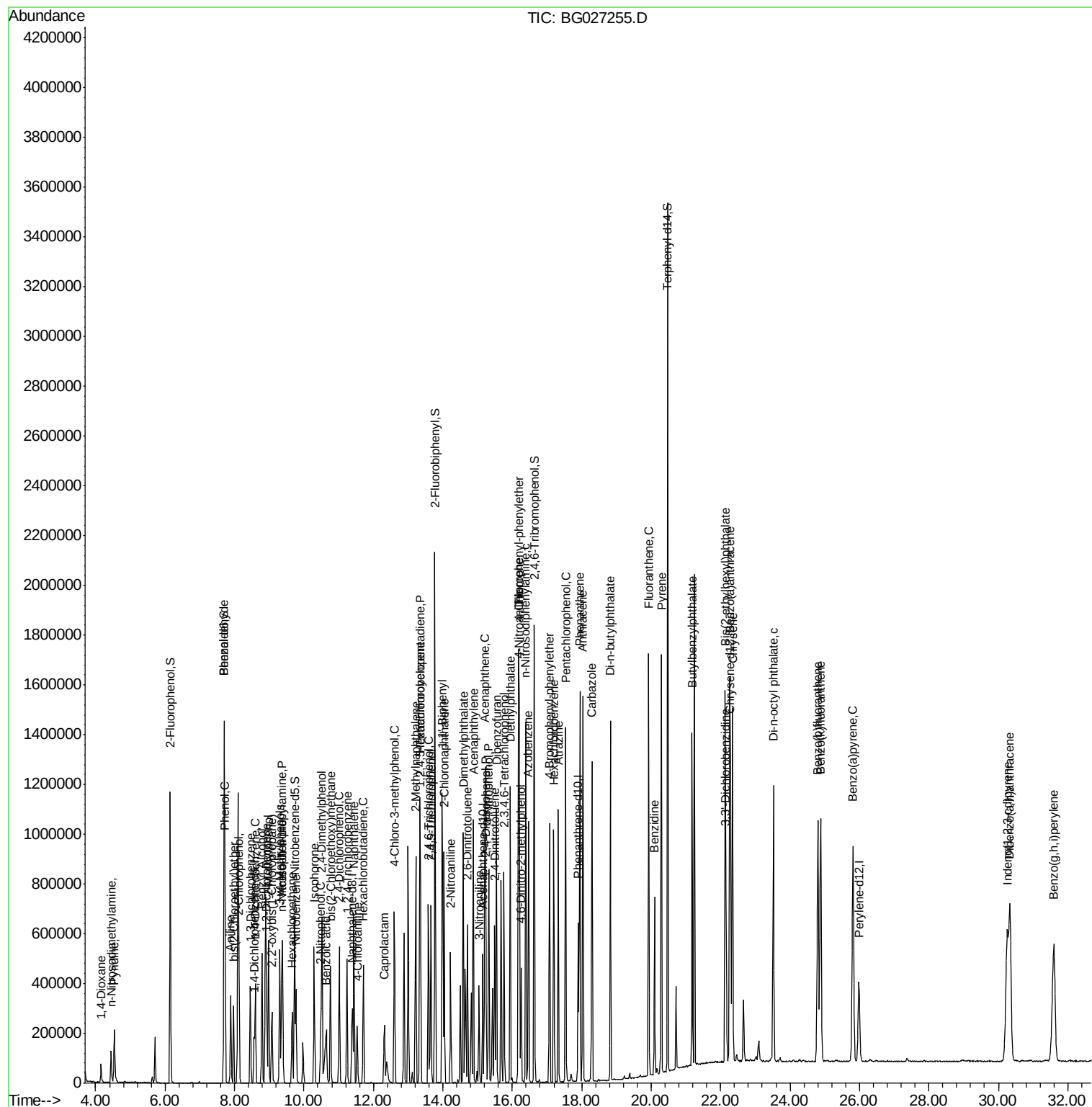
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	179234	51.21	ng	97
43) 2,4,5-Trichlorophenol	13.66	196	200411	51.17	ng	94
45) 1,1'-Biphenyl	13.98	154	653931	43.25	ng	98
46) 2-Chloronaphthalene	14.04	162	494264	43.60	ng	98
47) 2-Nitroaniline	14.23	65	168401	51.64	ng	# 80
48) Acenaphthylene	14.88	152	809222	42.18	ng	98
49) Dimethylphthalate	14.59	163	678687	46.19	ng	98
50) 2,6-Dinitrotoluene	14.71	165	145121	48.54	ng	# 78
51) Acenaphthene	15.21	154	587853	47.11	ng	98
52) 3-Nitroaniline	15.04	138	101619	34.30	ng	88
53) 2,4-Dinitrophenol	15.24	184	156778	98.63	ng	96
54) Dibenzofuran	15.55	168	809833	46.44	ng	92
55) 4-Nitrophenol	15.32	139	248965	88.96	ng	# 55
56) 2,4-Dinitrotoluene	15.49	165	203703	52.56	ng	# 85
57) Fluorene	16.19	166	659592	42.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.76	232	189510	54.21	ng	99
59) Diethylphthalate	15.94	149	692860	47.27	ng	99
60) 4-Chlorophenyl-phenylether	16.18	204	342570	43.91	ng	92
61) 4-Nitroaniline	16.21	138	152106	48.01	ng	# 65
62) Azobenzene	16.47	77	688176	50.66	ng	89
64) 4,6-Dinitro-2-methylphenol	16.25	198	111519	55.86	ng	91
65) n-Nitrosodiphenylamine	16.39	169	601301	45.21	ng	99
66) 4-Bromophenyl-phenylether	17.08	248	228397	45.49	ng	97
67) Hexachlorobenzene	17.20	284	242484	44.90	ng	# 90
68) Atrazine	17.33	200	214298	48.18	ng	97
69) Pentachlorophenol	17.54	266	298271	94.22	ng	98
70) Phenanthrene	17.94	178	1052794	44.11	ng	96
71) Anthracene	18.03	178	1056843	44.20	ng	99
72) Carbazole	18.30	167	891653	39.53	ng	96
73) Di-n-butylphthalate	18.83	149	1063877	48.64	ng	# 94
74) Fluoranthene	19.93	202	1093740	42.89	ng	94
76) Benzidine	20.10	184	418168	32.04	ng	98
77) Pyrene	20.30	202	1116824	42.66	ng	98
79) Butylbenzylphthalate	21.18	149	443032	47.89	ng	92
80) Benzo(a)anthracene	22.27	228	1095754	44.34	ng	95
81) 3,3'-Dichlorobenzidine	22.16	252	275974	28.71	ng	# 96
82) Chrysene	22.34	228	1024910	43.20	ng	96
83) Bis(2-ethylhexyl)phthalate	22.13	149	645749	46.19	ng	99
84) Di-n-octyl phthalate	23.52	149	1109661	47.93	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.26	276	1302966	45.35	ng	# 93
87) Benzo(b)fluoranthene	24.80	252	1114282	44.87	ng	# 96
88) Benzo(k)fluoranthene	24.88	252	1096270	45.00	ng	# 93
89) Benzo(a)pyrene	25.81	252	1069470	45.75	ng	# 95
90) Dibenzo(a,h)anthracene	30.34	278	1116307	45.62	ng	# 96
91) Benzo(g,h,i)perylene	31.60	276	1063199	44.86	ng	# 89

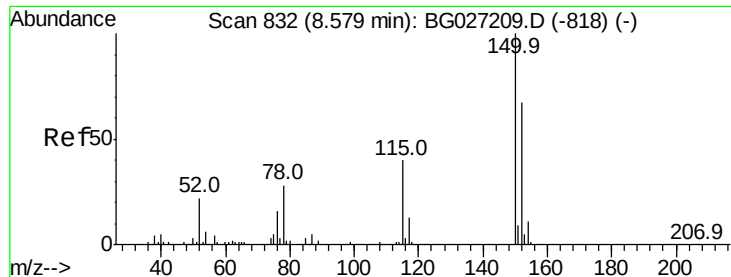
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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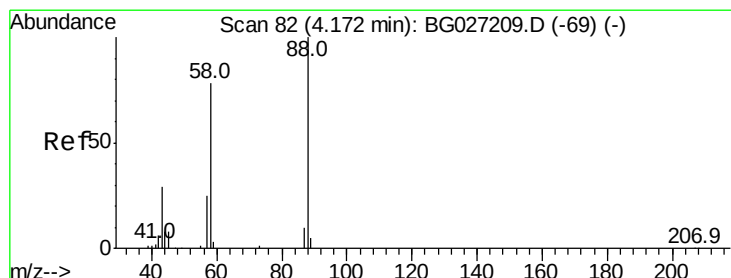
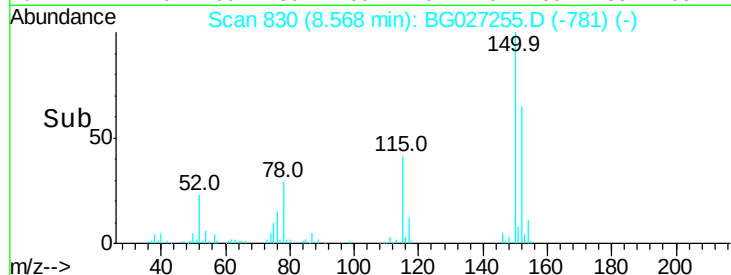
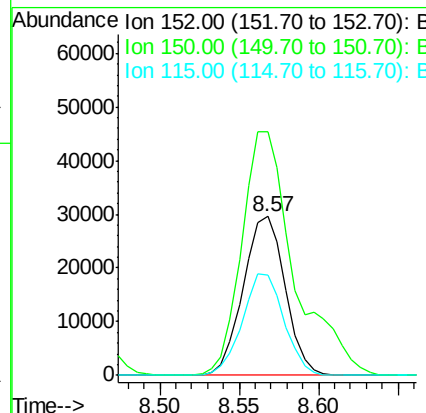
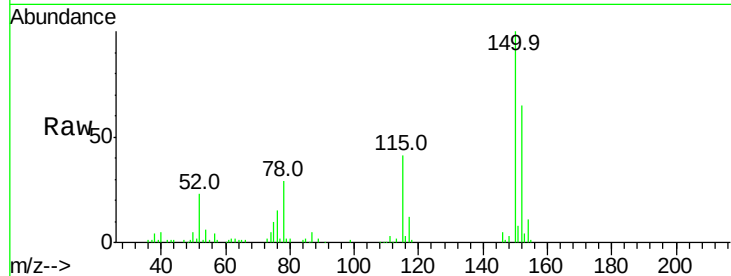


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Instrument :
BNA_G
ClientSampled :

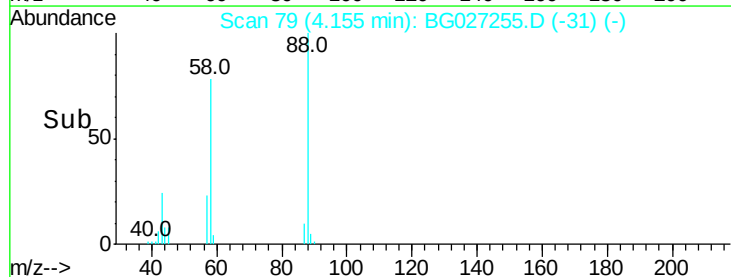
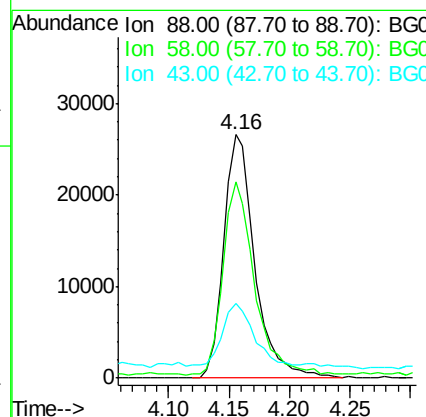
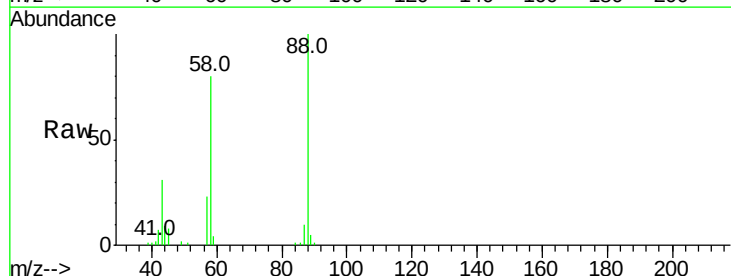
Tot Ion:152 Resp: 54497
Ion Ratio Lower Upper
152 100
150 153.1 114.0 171.0
115 63.5 48.1 72.1

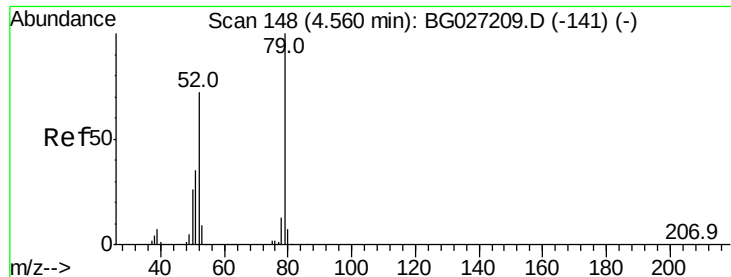


#2

1,4-Dioxane
Concen: 31.79 ng
RT: 4.16 min Scan# 79
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion: 88 Resp: 47073
Ion Ratio Lower Upper
88 100
58 80.1 79.4 119.2
43 24.6 33.8 50.6#





#3

Pvridine

Concen: 33.52 ng

RT: 4.54 min Scan# 144

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

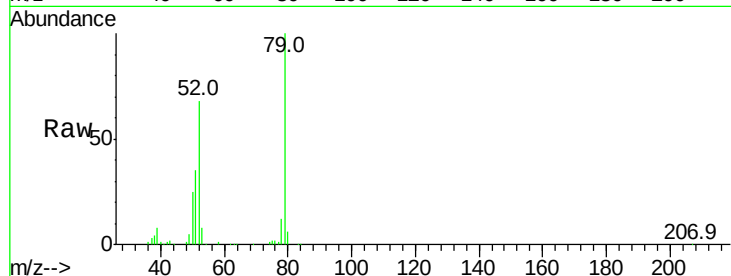
Tot Ion: 79 Resp: 152996

Ion Ratio Lower Upper

79 100

52 67.9 77.8 116.6#

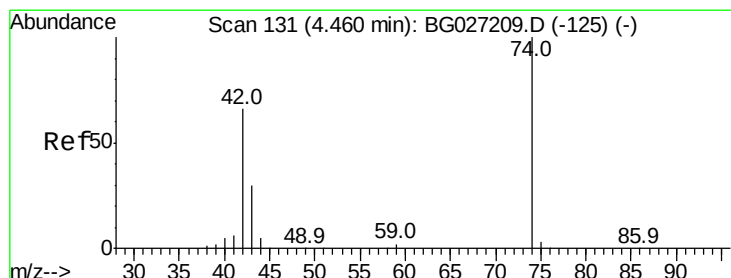
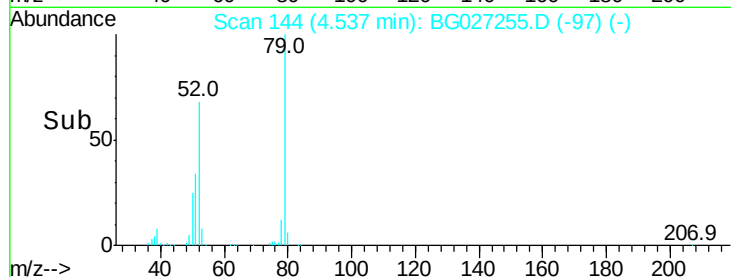
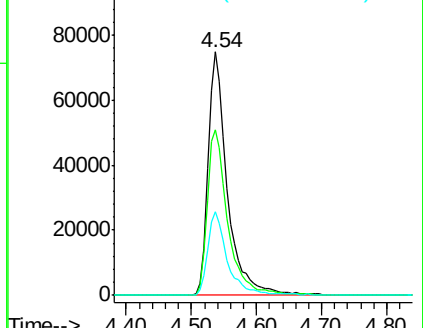
51 34.6 43.2 64.8#



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: 43.52 ng

RT: 4.45 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

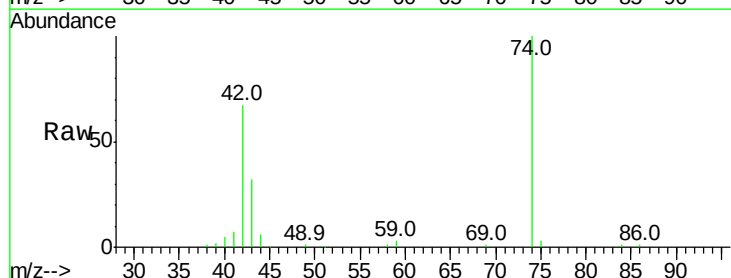
Tgt Ion: 42 Resp: 73562

Ion Ratio Lower Upper

42 100

74 148.9 76.7 115.1#

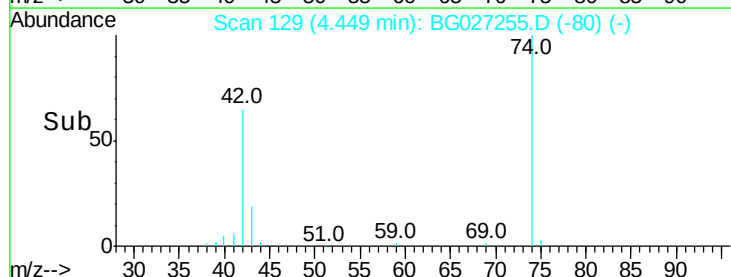
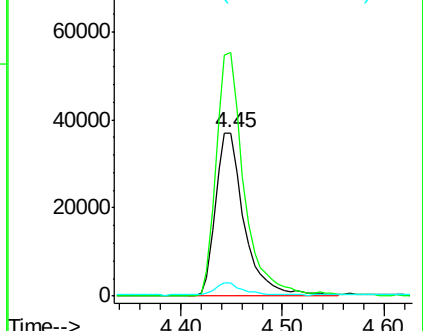
44 8.2 6.1 9.1

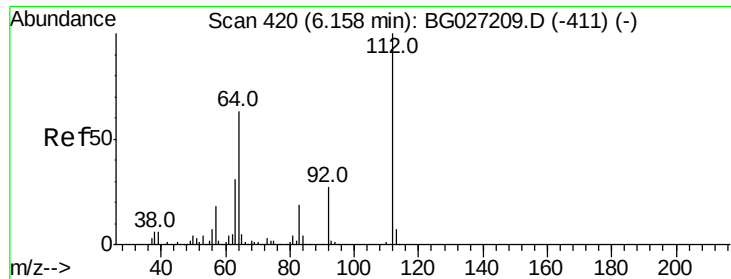


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 162.05 ng

RT: 6.15 min Scan# 419

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

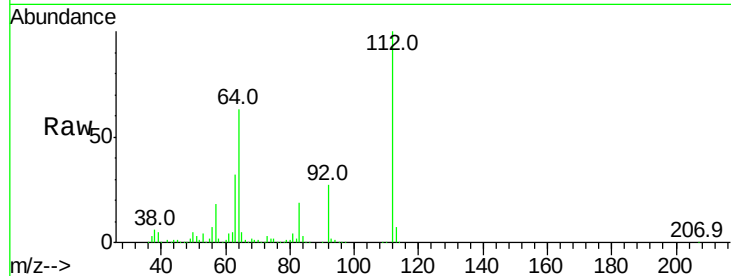
Tot Ion:112 Resp: 578742

Ion Ratio Lower Upper

112 100

64 62.8 61.8 92.6

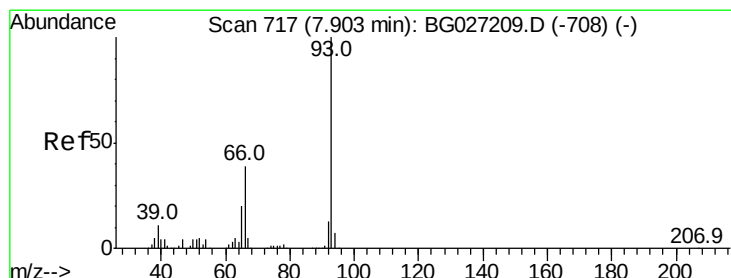
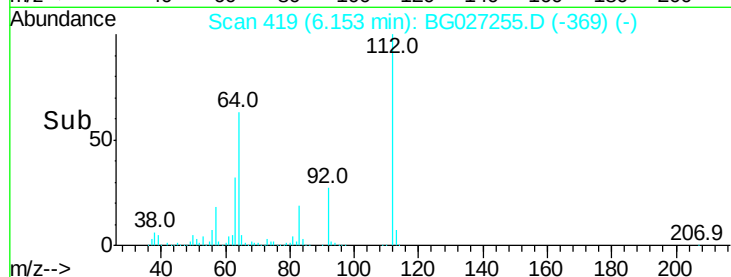
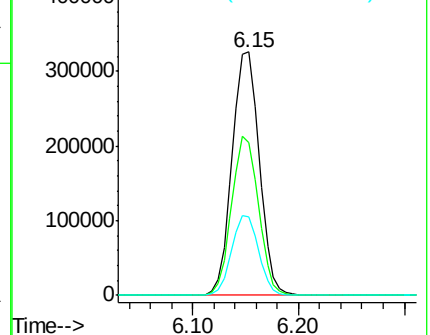
63 32.4 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.88 ng

RT: 7.89 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

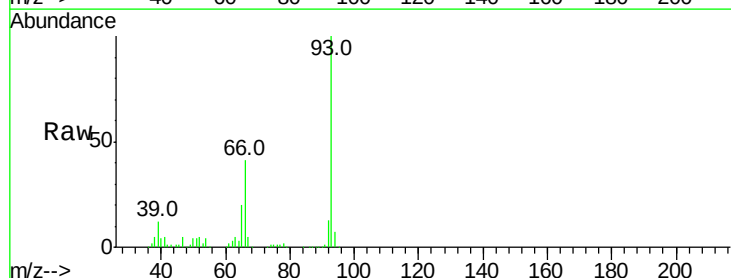
Tgt Ion: 93 Resp: 256698

Ion Ratio Lower Upper

93 100

66 40.6 35.4 53.2

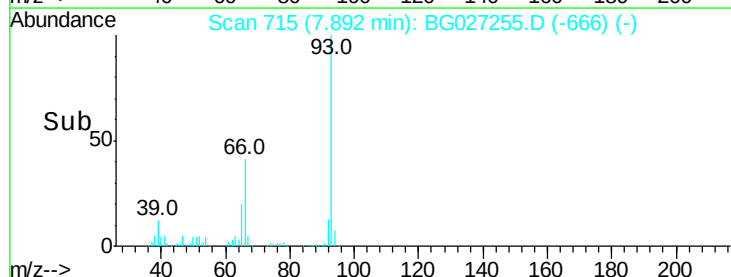
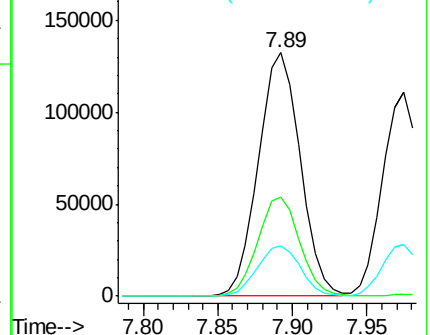
65 20.5 21.2 31.8#

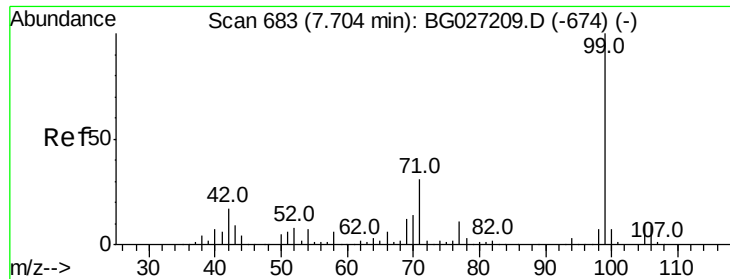


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 158.47 ng

RT: 7.70 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

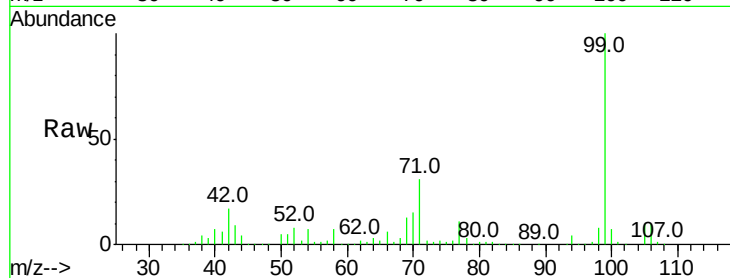
Tot Ion: 99 Resp: 830737

Ion Ratio Lower Upper

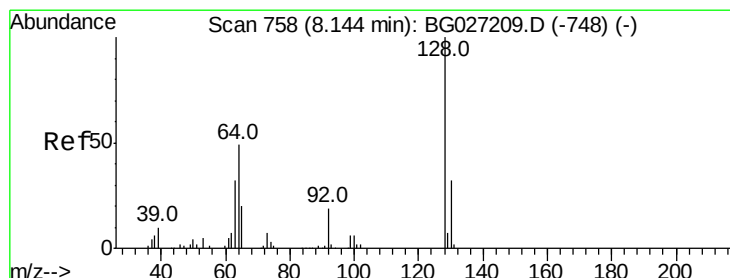
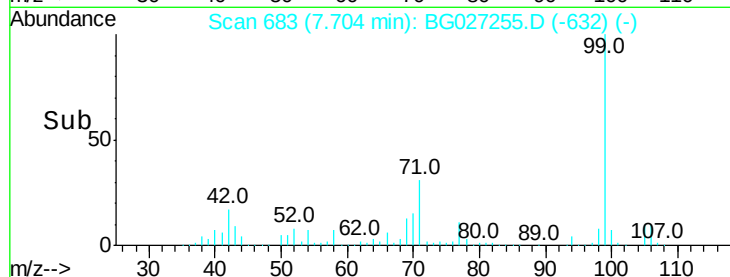
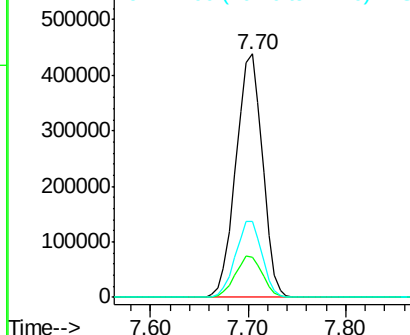
99 100

42 16.6 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: 53.39 ng

RT: 8.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

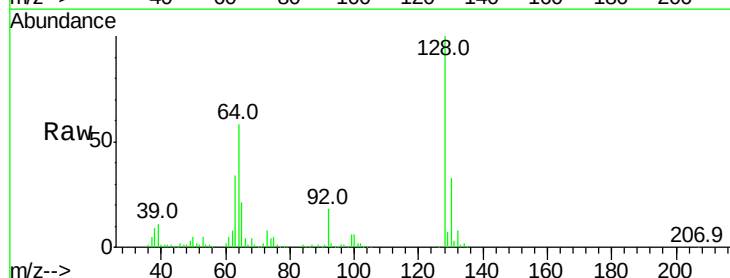
Tgt Ion:128 Resp: 201327

Ion Ratio Lower Upper

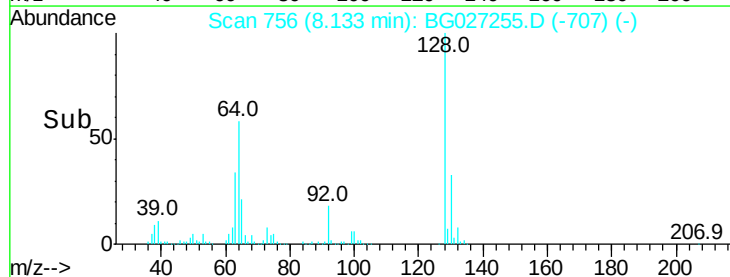
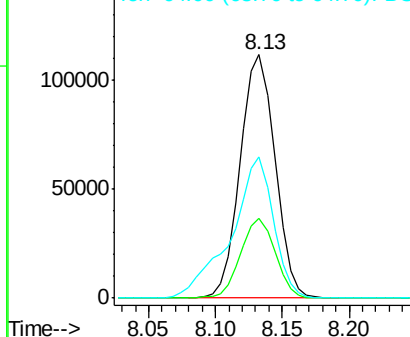
128 100

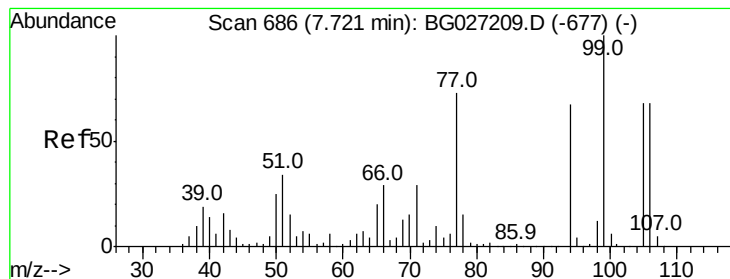
130 32.9 11.4 51.4

64 58.1 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: 27.45 ng

RT: 7.71 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG027255.D

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ClientSampleId :

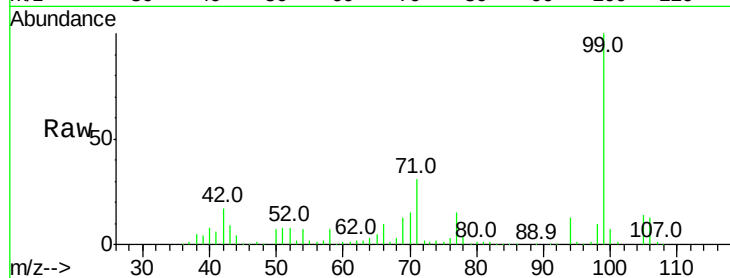
Tot Ion: 77 Resp: 99485

Ion Ratio Lower Upper

77 100

105 93.2 60.9 100.9

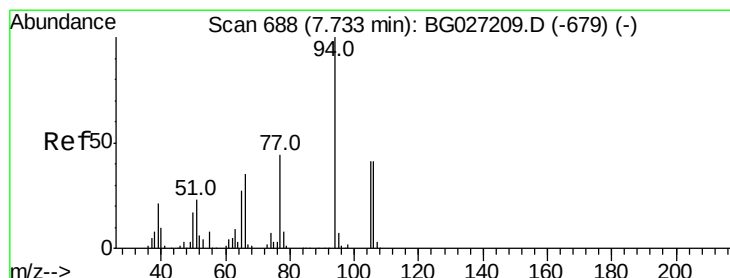
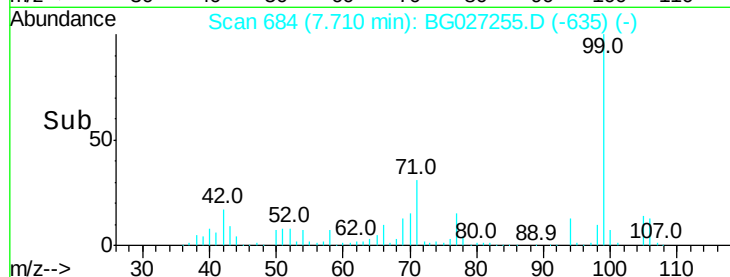
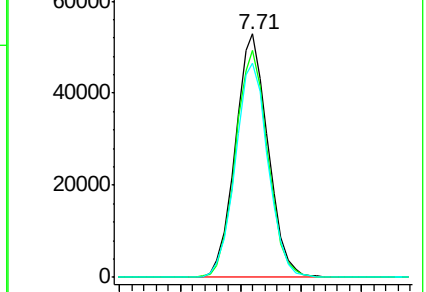
106 87.7 55.1 95.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 54.92 ng

RT: 7.73 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG027255.D

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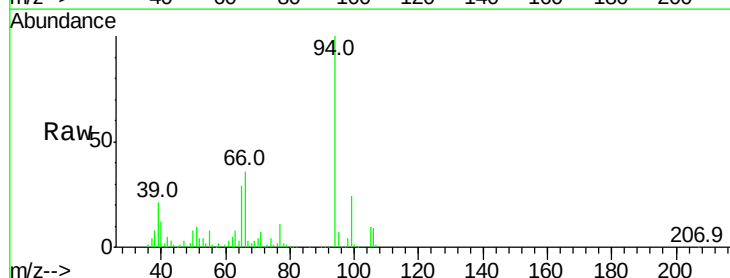
Tgt Ion: 94 Resp: 294425

Ion Ratio Lower Upper

94 100

65 28.7 20.6 60.6

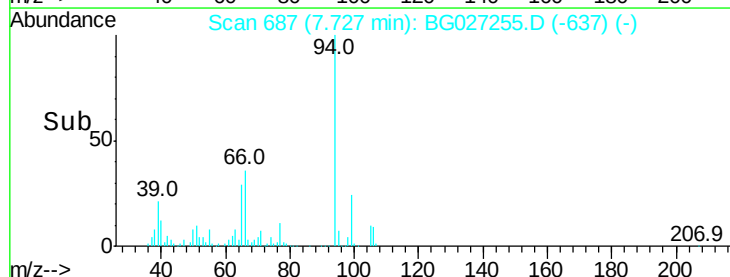
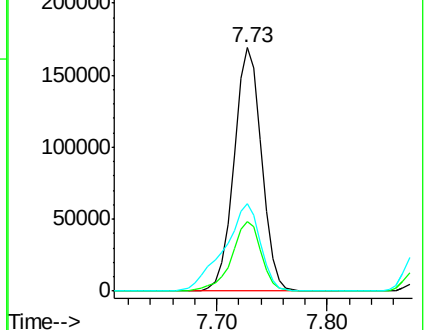
66 35.7 35.5 75.5

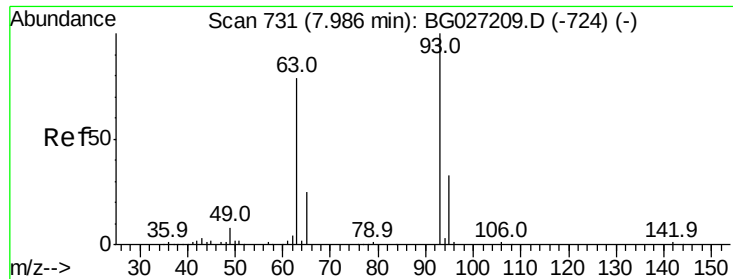


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

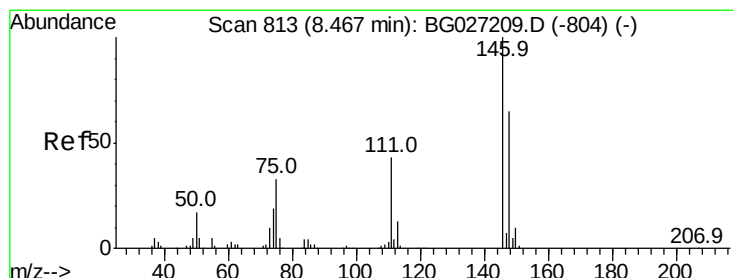
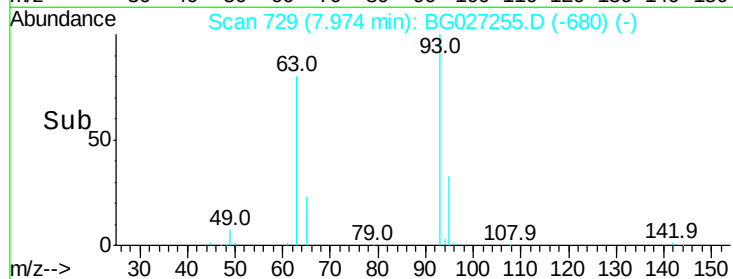
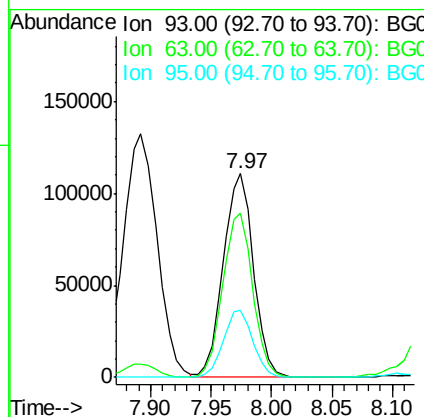
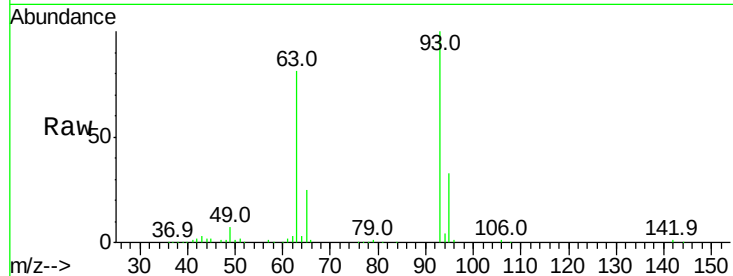




#11
 bis(2-Chloroethyl)ether
 Concen: 43.62 ng
 RT: 7.97 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

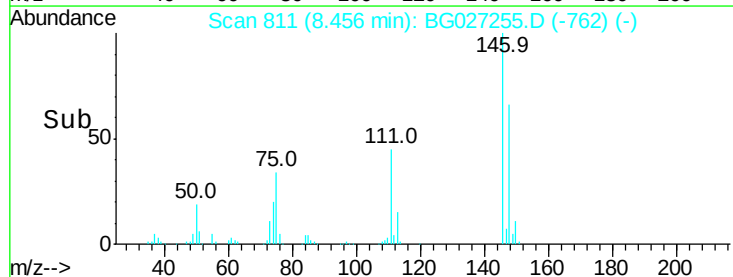
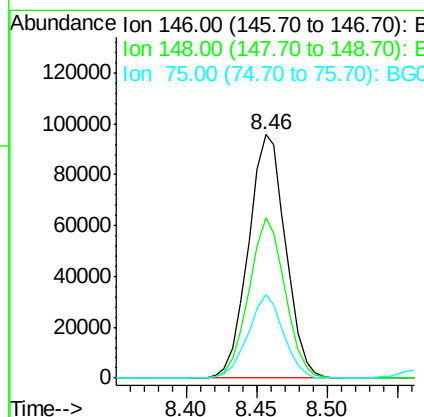
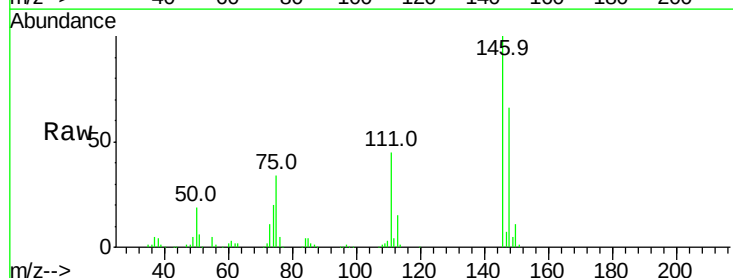
Instrument :
 BNA_G
 ClientSampleId :

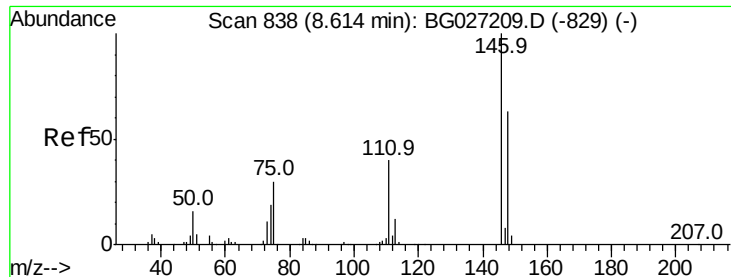
Tot Ion: 93 Resp: 191848
 Ion Ratio Lower Upper
 93 100
 63 80.6 78.5 118.5
 95 32.7 9.8 49.8



#12
 1,3-Dichlorobenzene
 Concen: 41.54 ng
 RT: 8.46 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion: 146 Resp: 176685
 Ion Ratio Lower Upper
 146 100
 148 66.1 49.2 73.8
 75 34.3 33.4 50.2

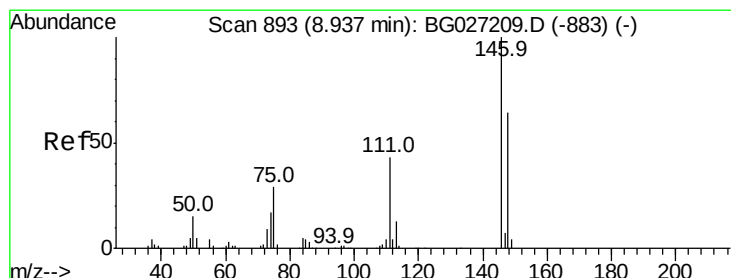
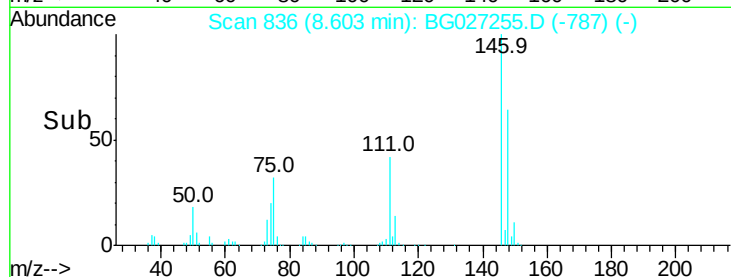
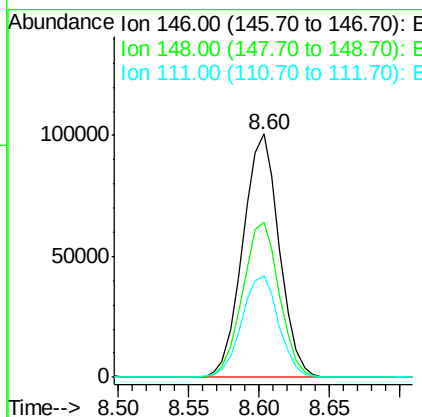
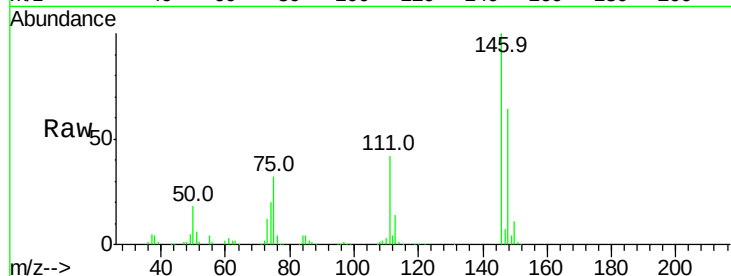




#13
 1,4-Dichlorobenzene
 Concen: 41.56 ng
 RT: 8.60 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

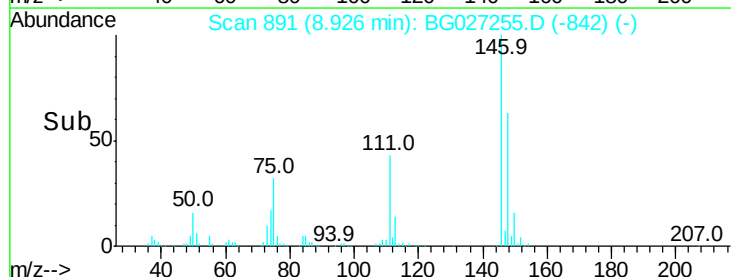
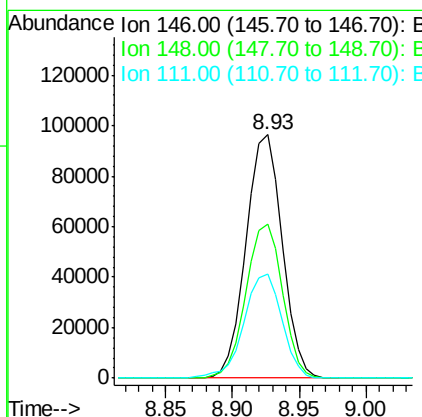
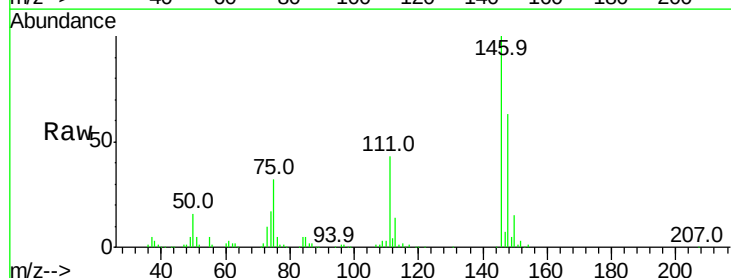
Instrument :
 BNA_G
 ClientSampleId :

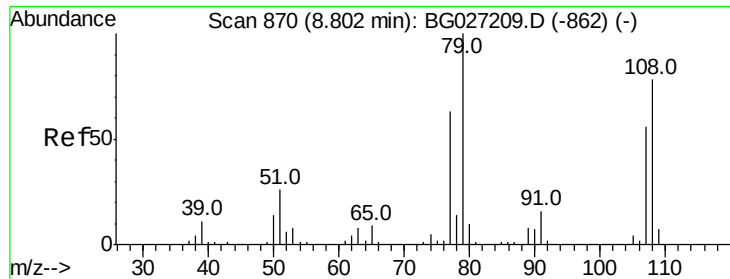
Tot Ion:146 Resp: 181407
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.7 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 42.29 ng
 RT: 8.93 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion:146 Resp: 180054
 Ion Ratio Lower Upper
 146 100
 148 63.2 54.6 81.8
 111 43.0 39.7 59.5

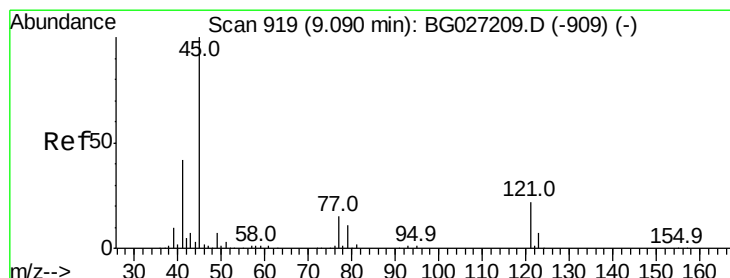
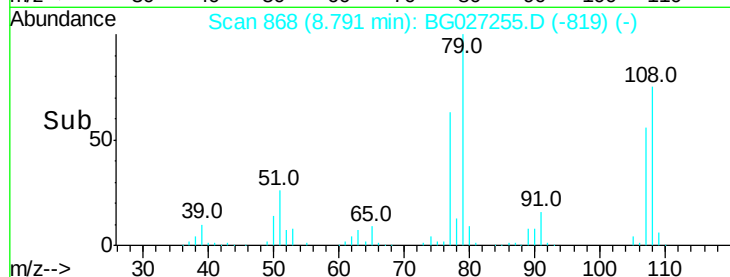
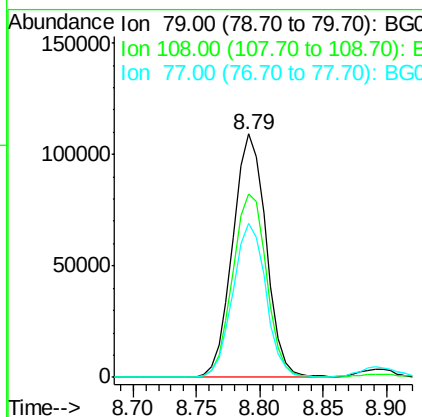
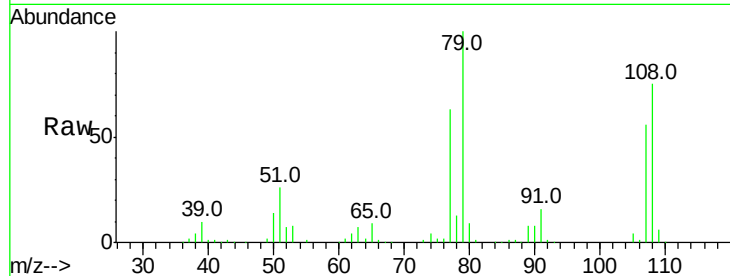




#15
Benzyl Alcohol
Concen: 53.87 ng
RT: 8.79 min Scan# 868
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

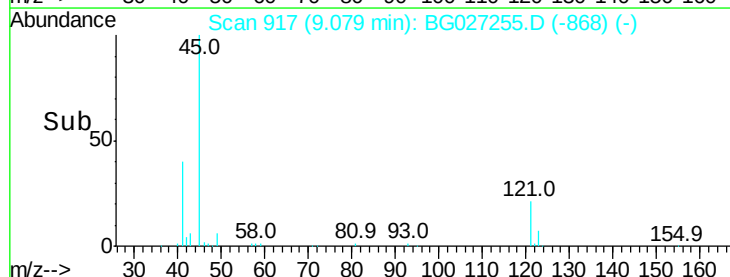
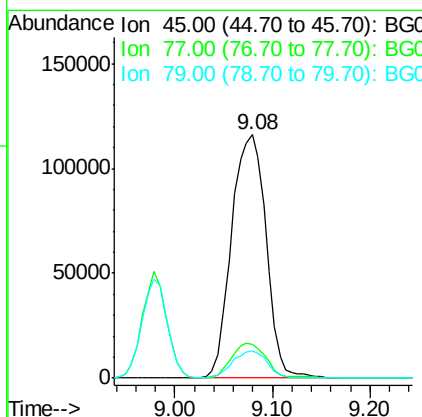
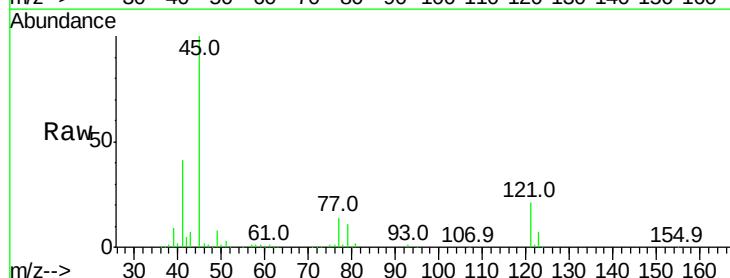
Instrument :
BNA_G
ClientSampled :

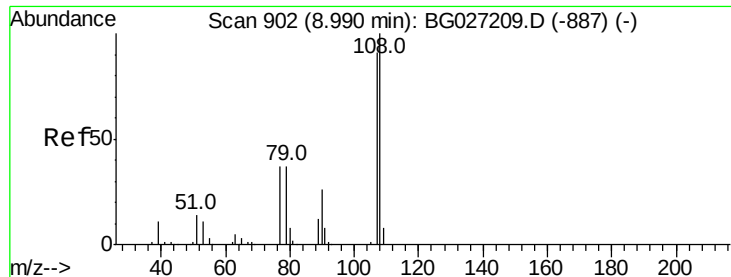
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	45.5	68.3#
77	63.2	54.3	81.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.47 ng
RT: 9.08 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	30.6
79	11.1	0.0	28.5





#17

2-Methylphenol

Concen: 52.36 ng

RT: 8.98 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 198413

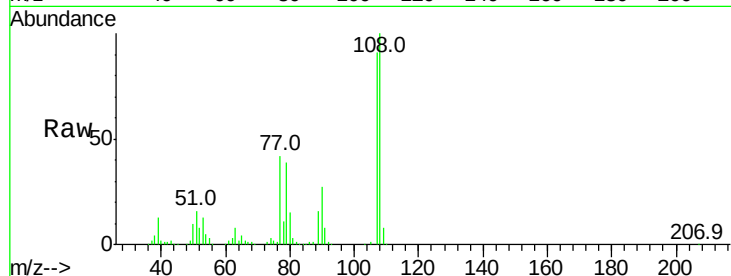
Ion Ratio Lower Upper

107 100

108 109.9 85.6 128.4

77 46.7 51.4 77.2#

79 43.3 49.2 73.8#

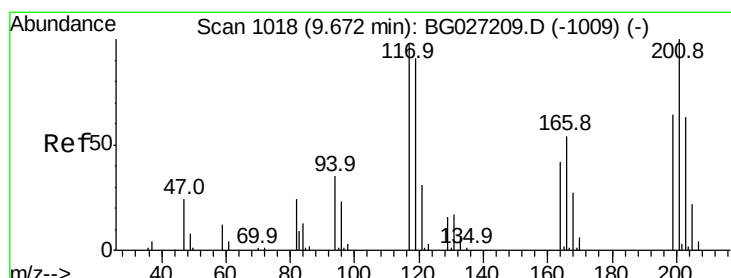
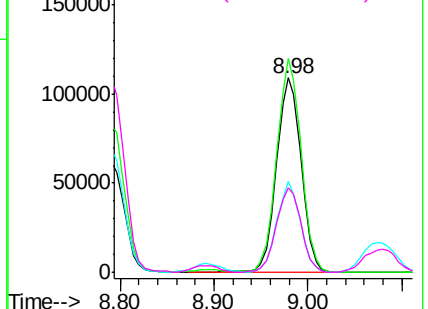
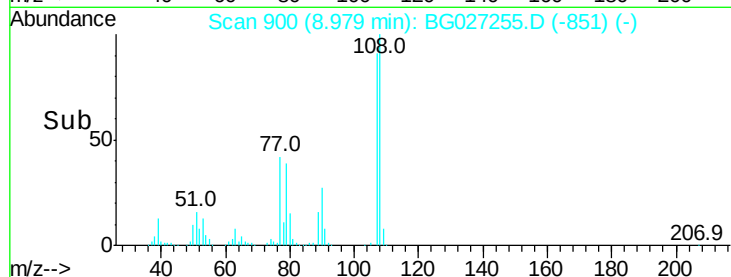


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.79 ng

RT: 9.66 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

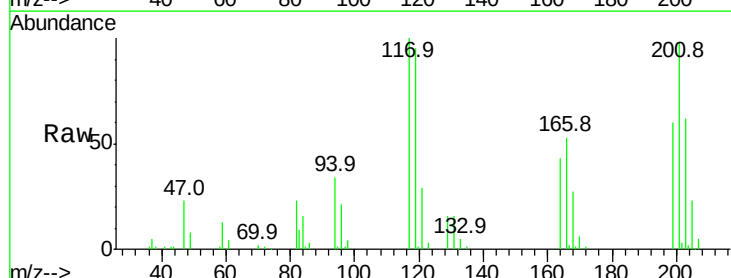
Tgt Ion:117 Resp: 64395

Ion Ratio Lower Upper

117 100

119 95.2 69.8 104.6

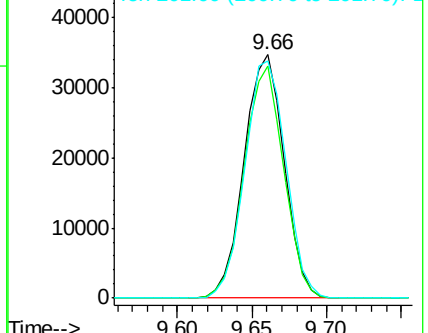
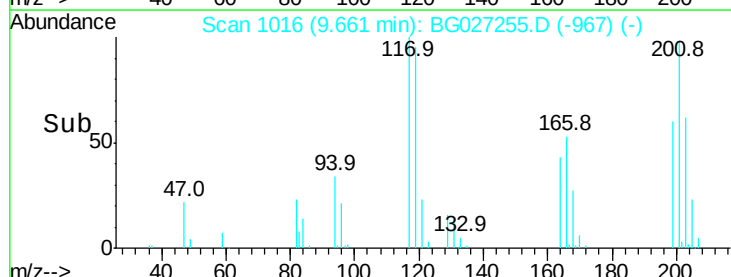
201 97.7 95.4 143.0

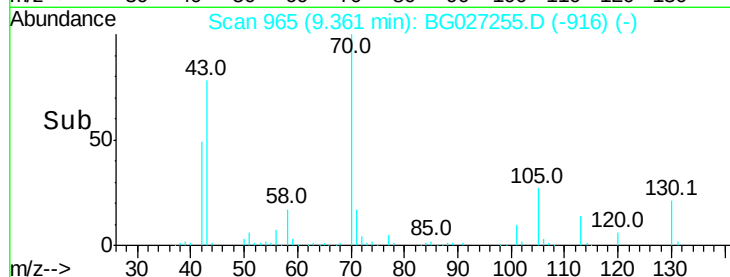
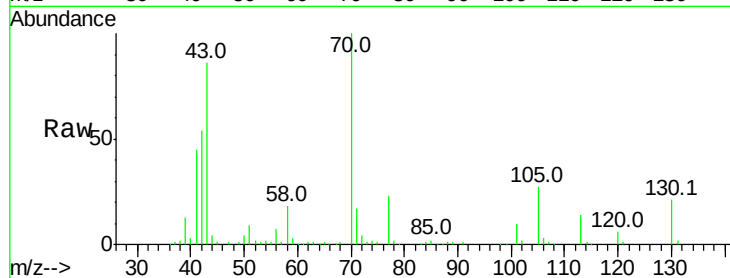
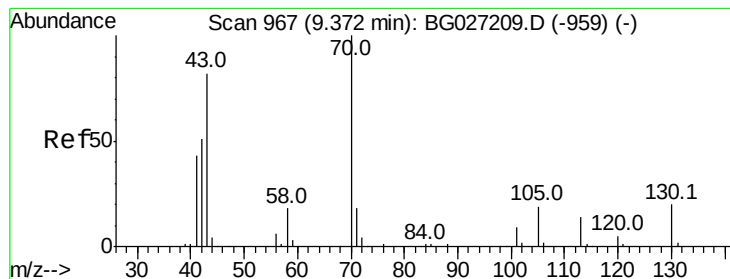


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.06 ng

RT: 9.36 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 168917

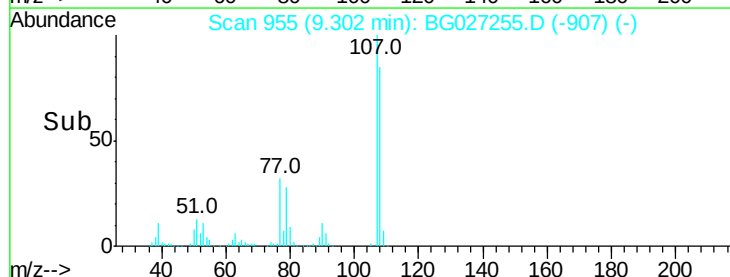
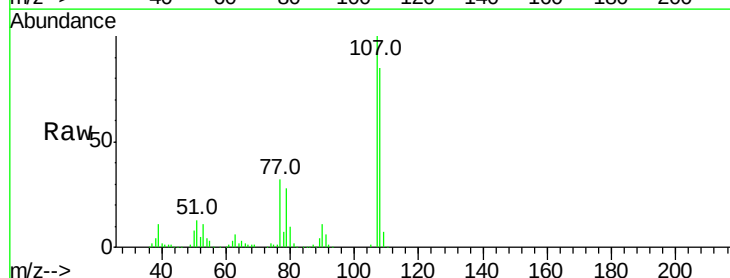
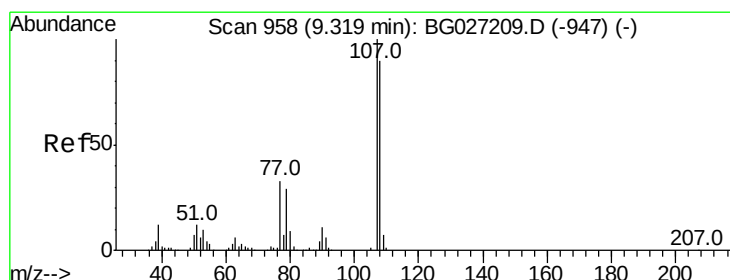
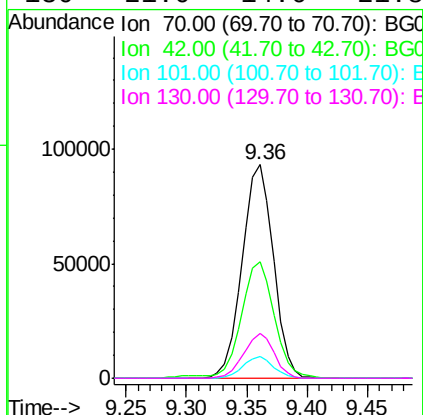
Ion Ratio Lower Upper

70 100

42 54.3 56.1 84.1#

101 10.1 7.5 11.3

130 21.0 14.6 21.8



#20

3+4-Methylphenols

Concen: 52.18 ng

RT: 9.30 min Scan# 955

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Tgt Ion: 107 Resp: 273936

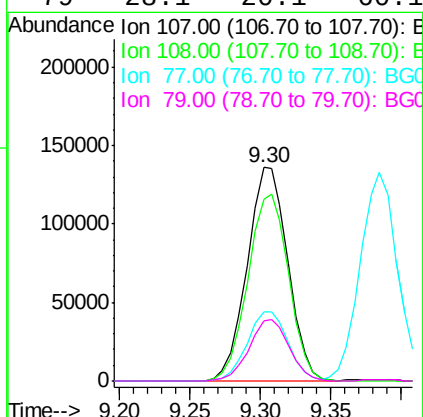
Ion Ratio Lower Upper

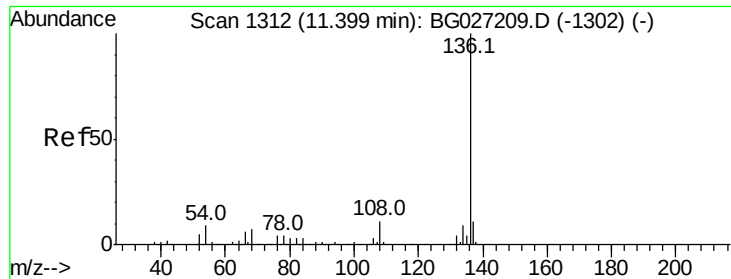
107 100

108 85.0 70.8 110.8

77 32.3 25.8 65.8

79 28.1 20.1 60.1

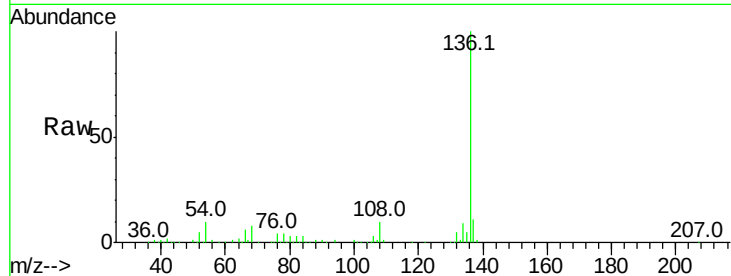




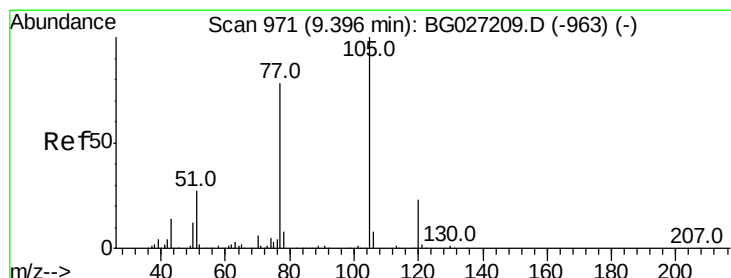
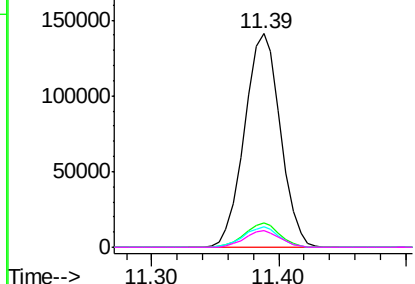
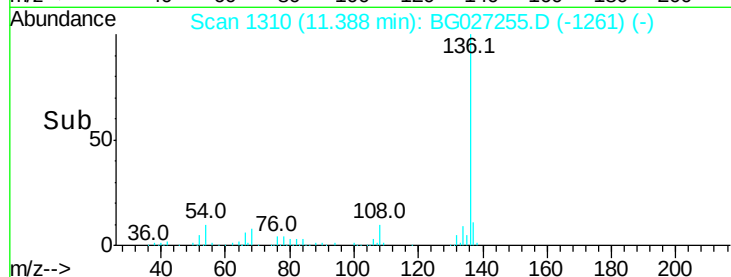
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.39 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276343
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 9.6	9.3	13.9
68 7.6	5.1	7.7

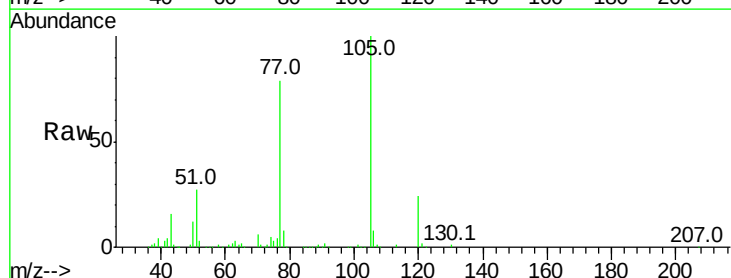


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

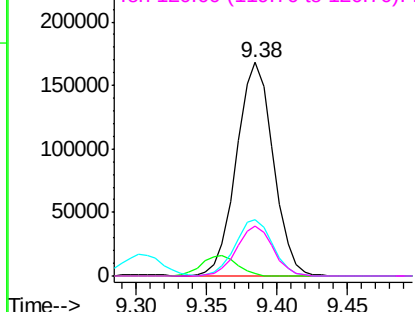
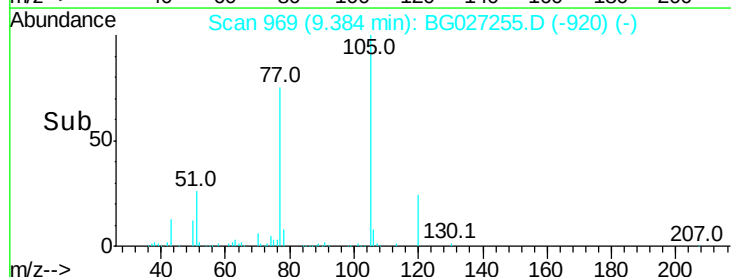


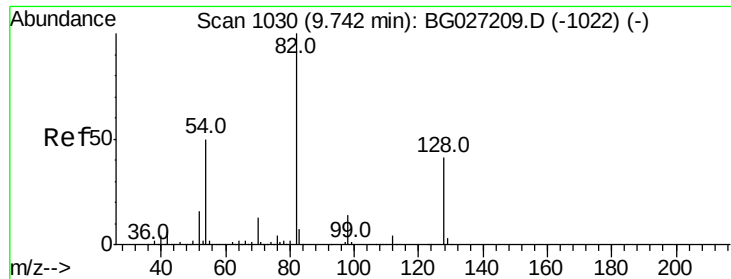
#22
Acetophenone
Concen: 43.35 ng
RT: 9.38 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt	Ion:105	Resp:	306392
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.9	1.3
51	26.5	34.0	51.0#
120	23.7	17.3	25.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

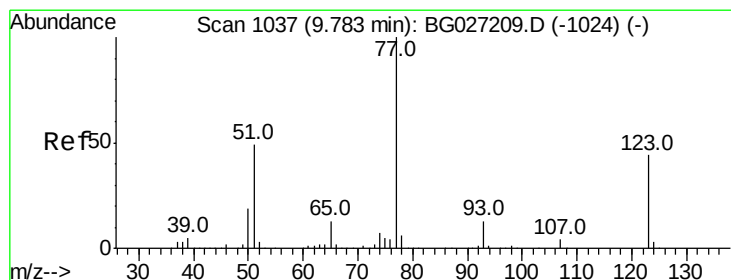
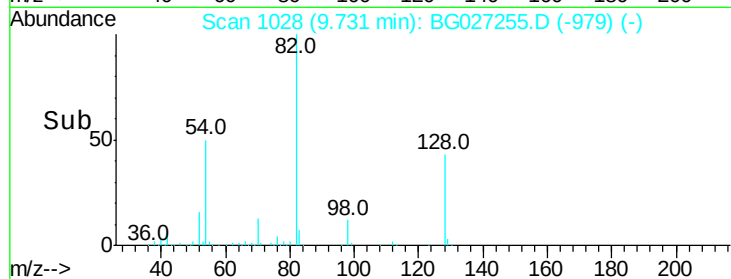
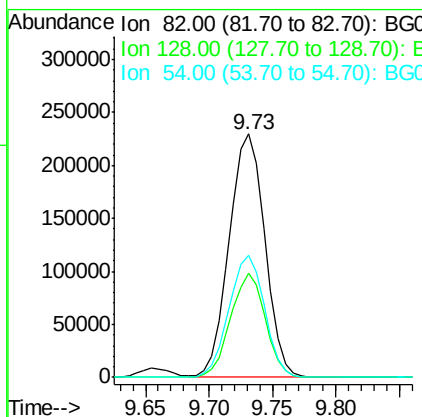
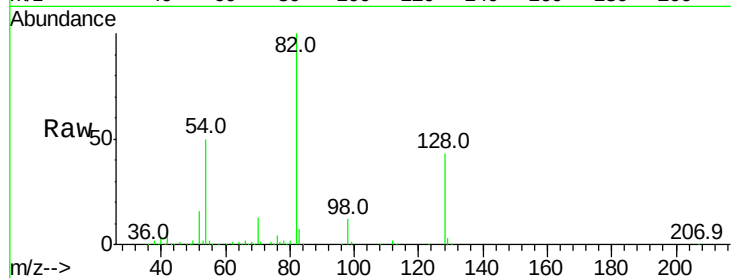




#23
Nitrobenzene-d5
Concen: 102.01 ng
RT: 9.73 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

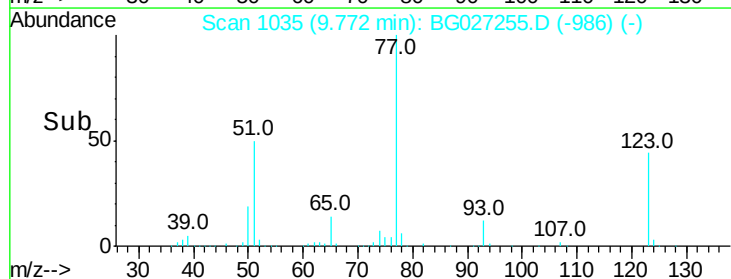
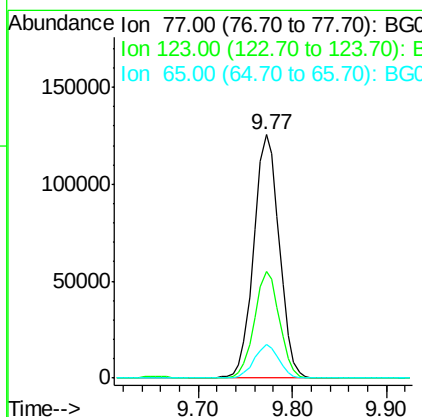
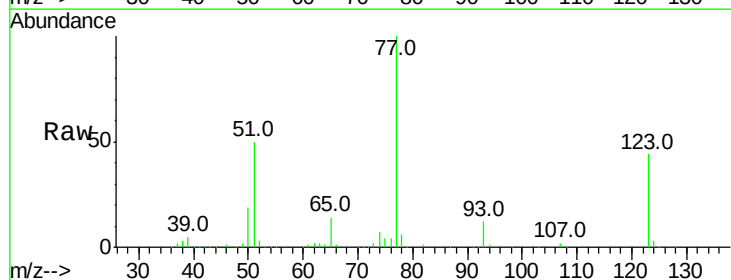
Instrument :
BNA_G
ClientSampleId :

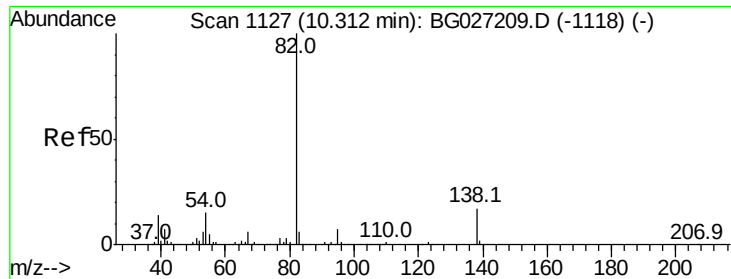
Tot Ion: 82 Resp: 448252
Ion Ratio Lower Upper
82 100
128 42.9 26.4 39.6#
54 50.1 49.4 74.2



#24
Nitrobenzene
Concen: 47.01 ng
RT: 9.77 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion: 77 Resp: 235353
Ion Ratio Lower Upper
77 100
123 43.6 26.1 39.1#
65 13.8 12.4 18.6





#25

Isophorone

Concen: 45.42 ng

RT: 10.30 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

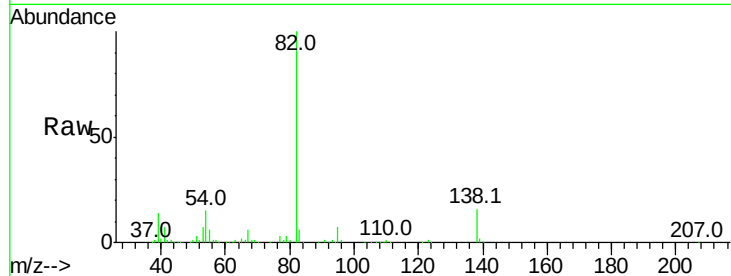
Tot Ion: 82 Resp: 469342

Ion Ratio Lower Upper

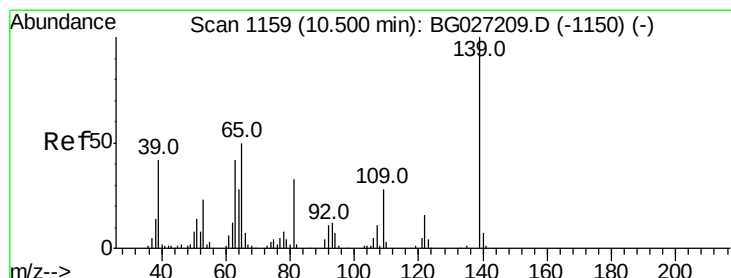
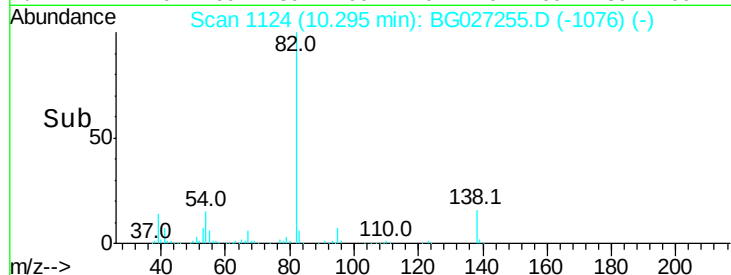
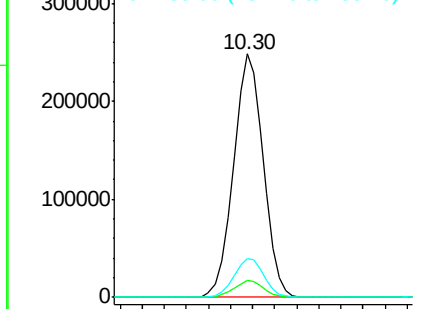
82 100

95 6.8 7.5 11.3#

138 16.1 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.31 ng

RT: 10.49 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

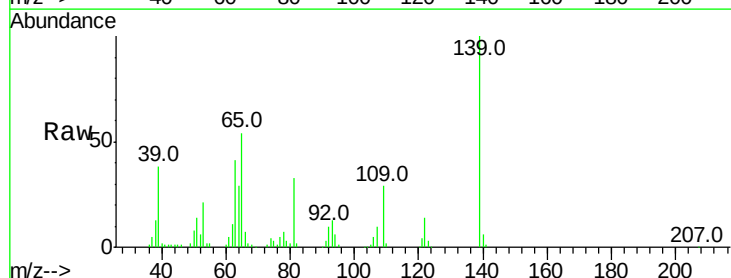
Tgt Ion: 139 Resp: 104672

Ion Ratio Lower Upper

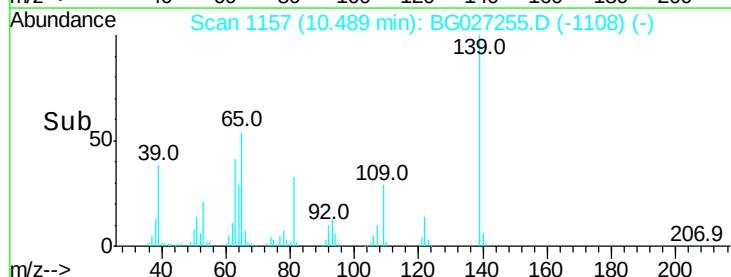
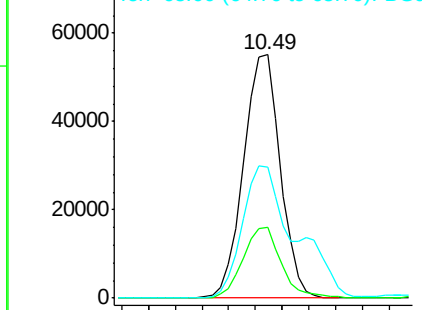
139 100

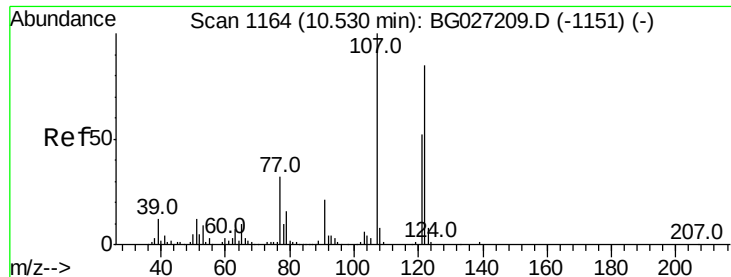
109 29.0 38.6 58.0#

65 53.9 57.1 85.7#



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

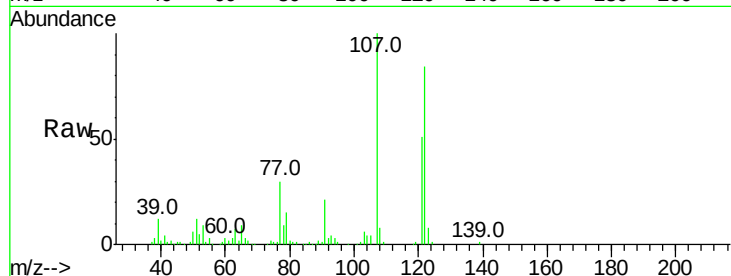




#27
 2,4-Dimethylphenol
 Concen: 53.12 ng
 RT: 10.52 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.5	104.2	156.4
121	60.4	46.0	69.0

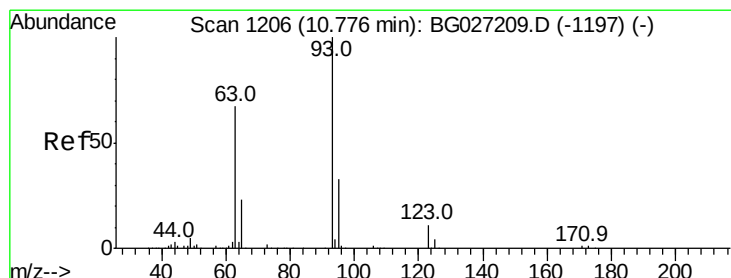
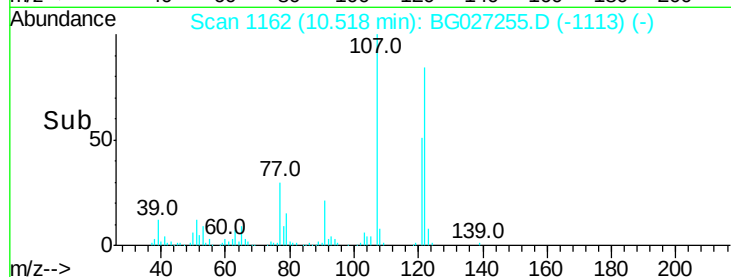
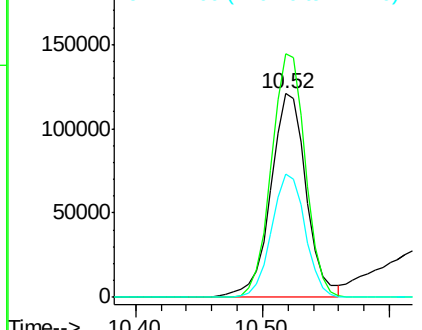


Abundance

Ion 122.00 (121.70 to 122.70): E

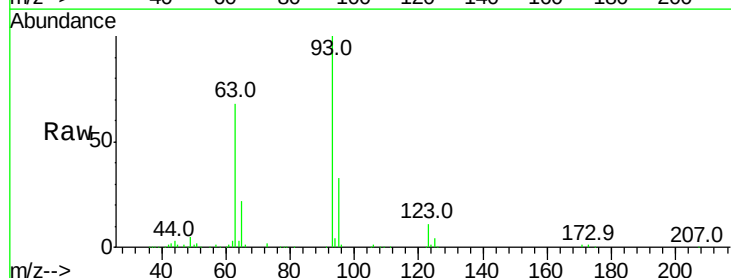
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.27 ng
 RT: 10.77 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.7	38.5
123	11.0	8.3	12.5

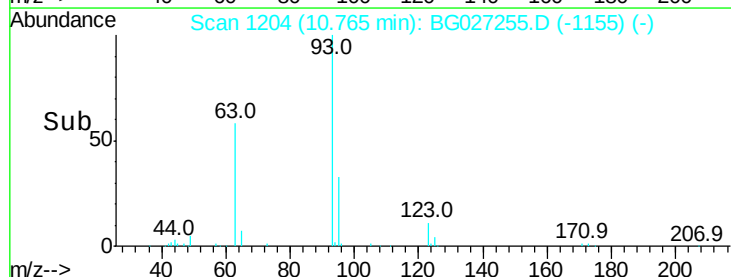
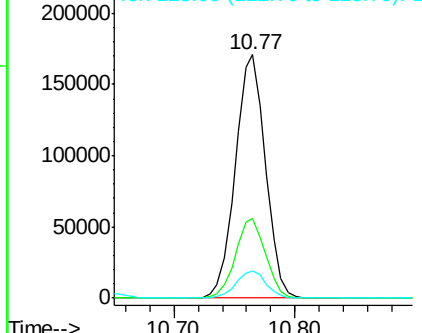


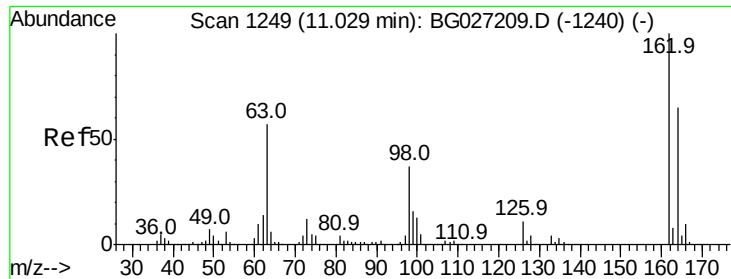
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

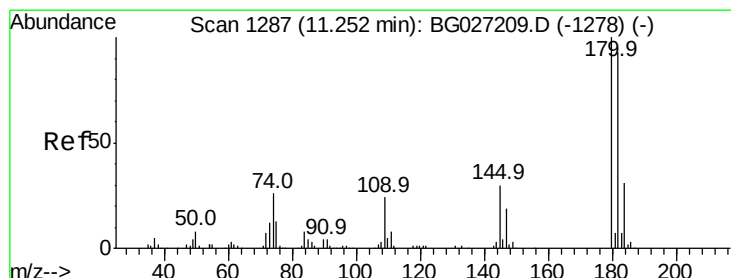
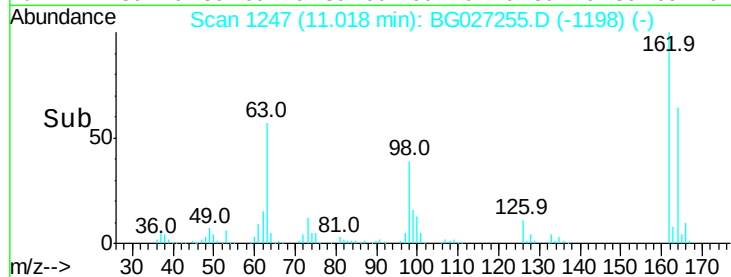
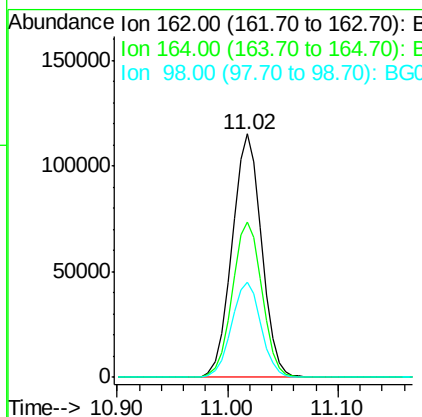
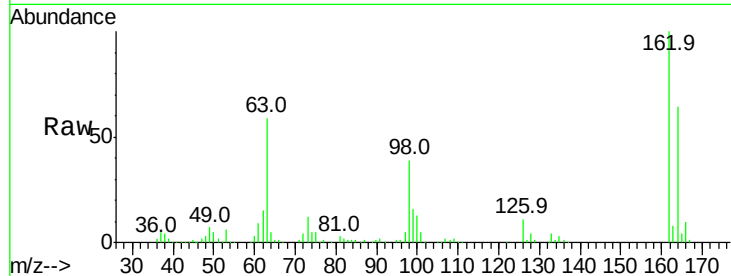




#29
 2,4-Dichlorophenol
 Concen: 53.14 ng
 RT: 11.02 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

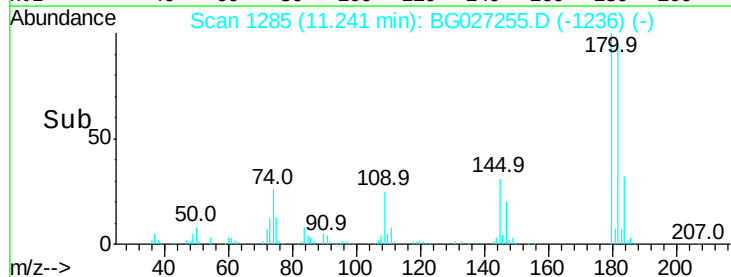
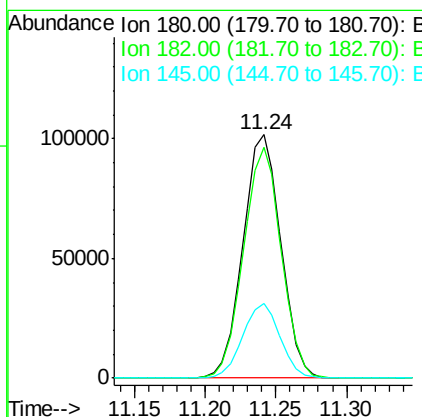
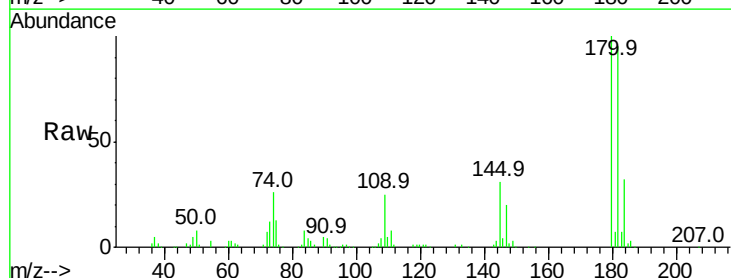
Instrument :
 BNA_G
 ClientSampleId :

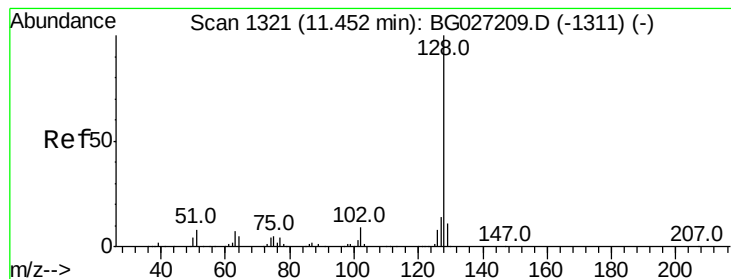
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.4	82.4
98	38.8	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.59 ng
 RT: 11.24 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.0	115.4
145	30.9	23.4	35.0





#31

Naphthalene

Concen: 41.93 ng

RT: 11.43 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

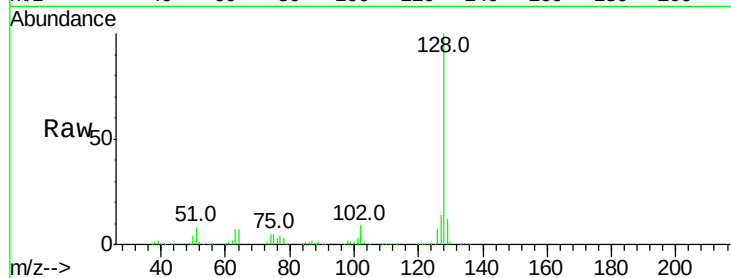
Tot Ion:128 Resp: 633335

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

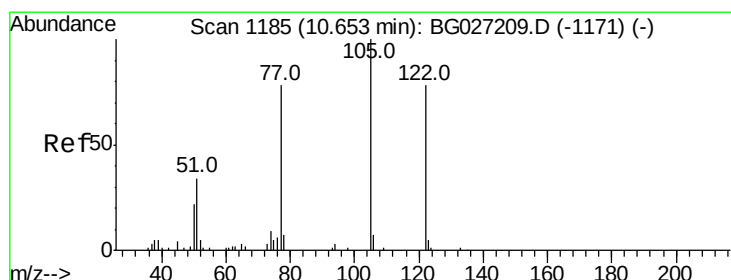
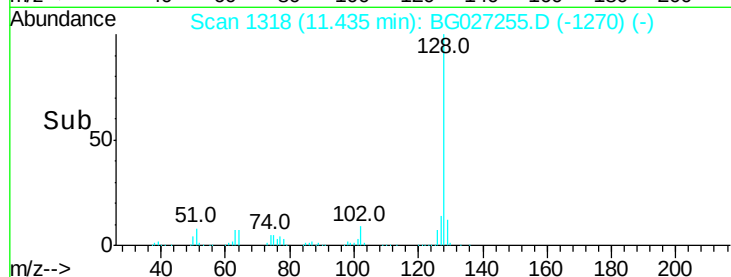
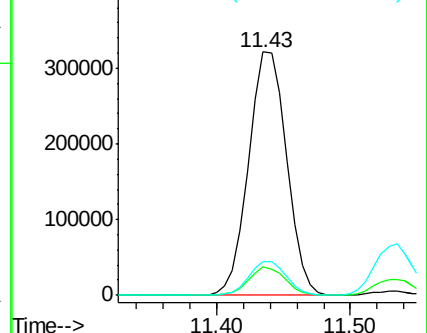
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 50.26 ng

RT: 10.65 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

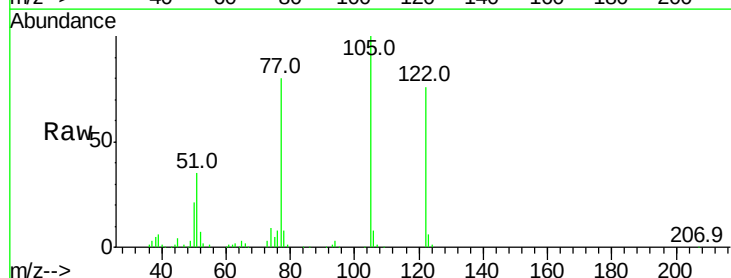
Tgt Ion:122 Resp: 155824

Ion Ratio Lower Upper

122 100

105 131.7 120.1 160.1

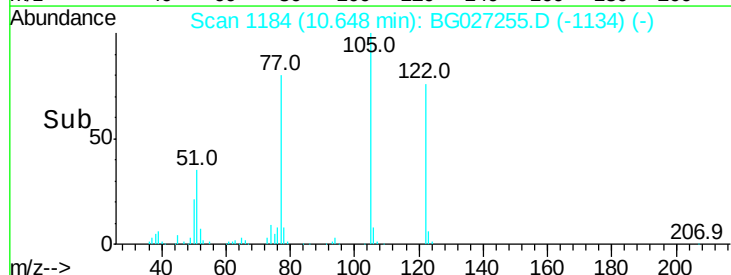
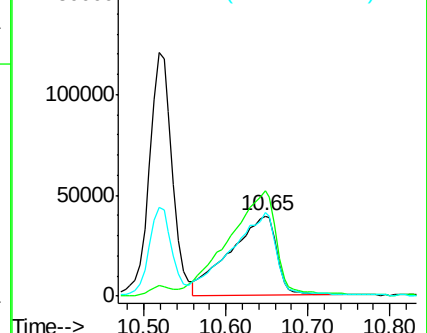
77 104.8 104.6 144.6

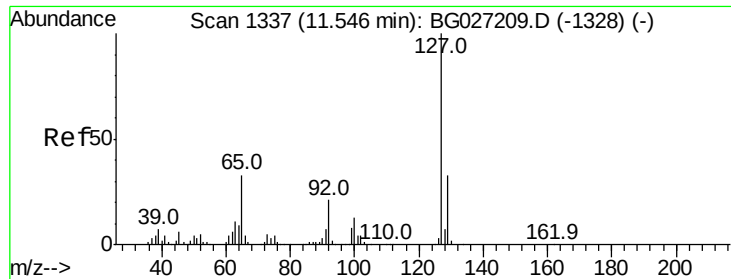


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

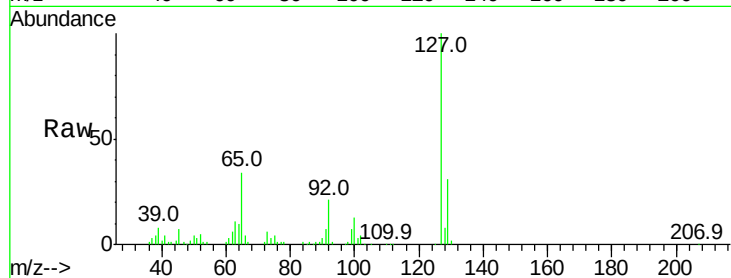




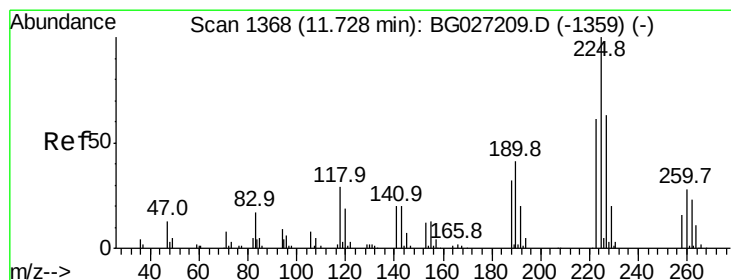
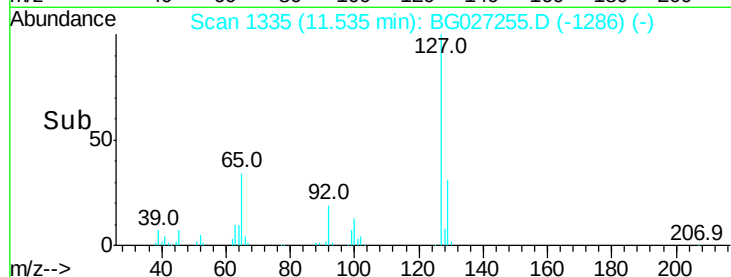
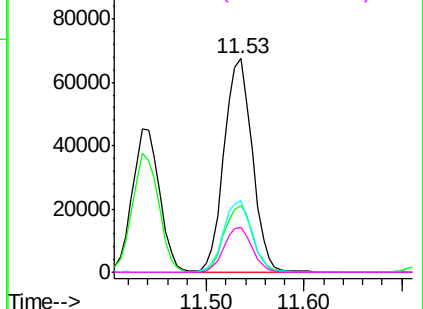
#33
4-Chloroaniline
Concen: 21.58 ng
RT: 11.53 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	135794
Ion	Ratio	Lower	Upper
127	100		
129	31.4	23.6	35.4
65	33.8	37.7	56.5#
92	20.9	17.6	26.4

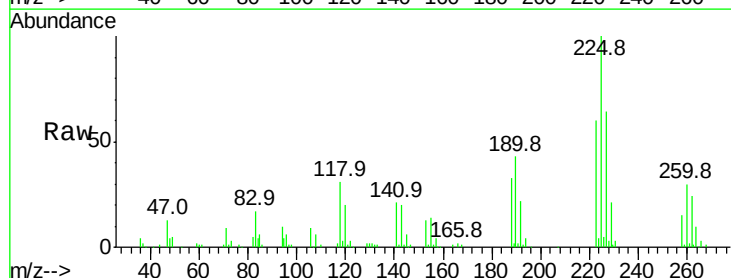


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

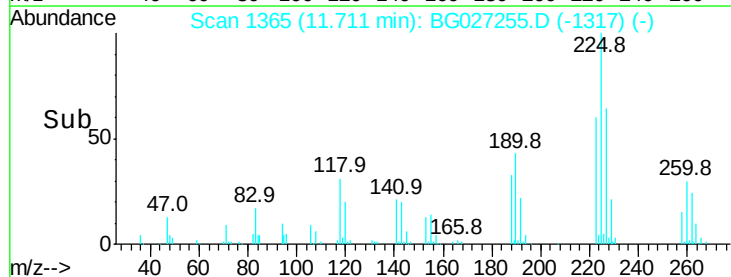
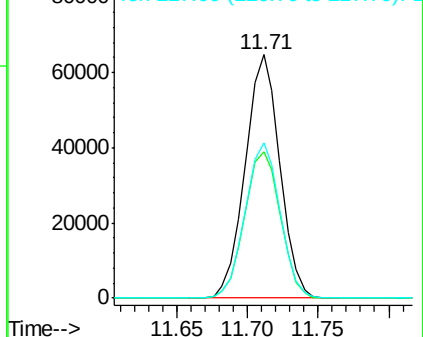


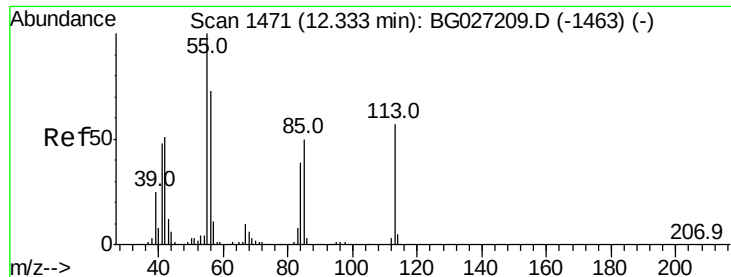
#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 11.71 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion:	225	Resp:	111501
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.7	76.1
227	63.6	49.0	73.6



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





#35

Caprolactam

Concen: 36.68 ng

RT: 12.32 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

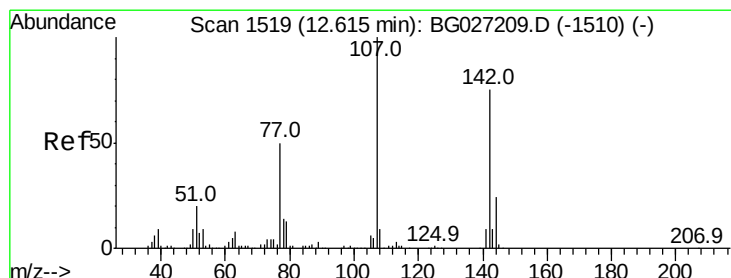
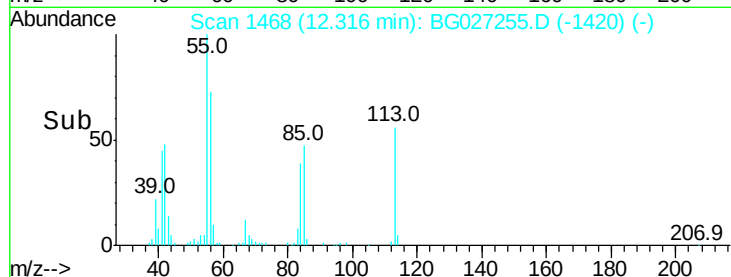
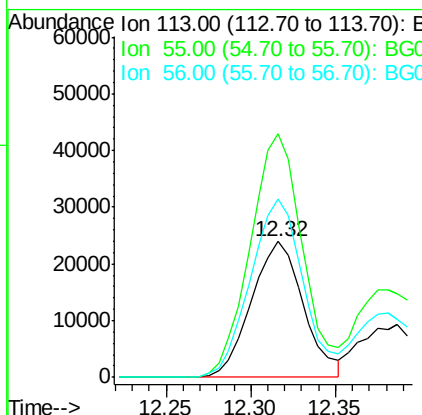
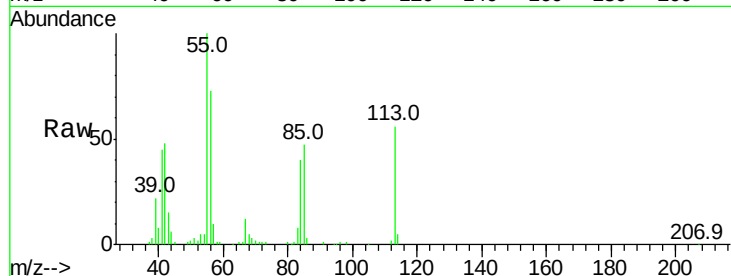
Tot Ion:113 Resp: 51022

Ion Ratio Lower Upper

113 100

55 179.6 198.6 238.6#

56 131.9 140.4 180.4#



#36

4-Chloro-3-methylphenol

Concen: 52.77 ng

RT: 12.60 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

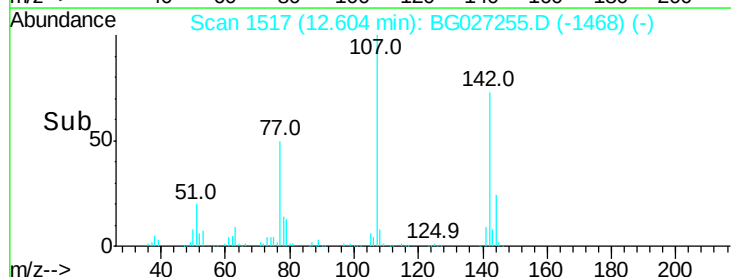
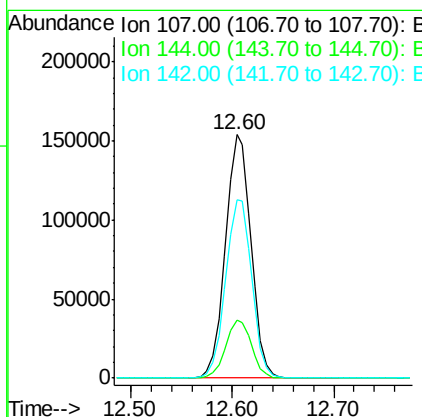
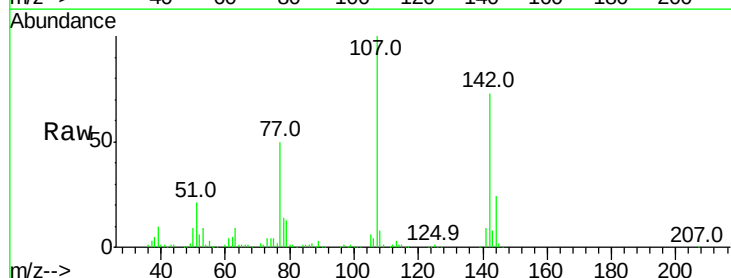
Tgt Ion:107 Resp: 268261

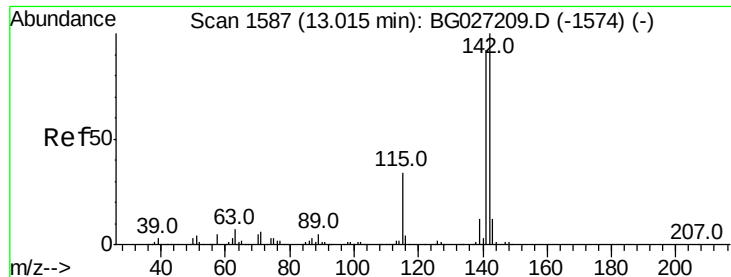
Ion Ratio Lower Upper

107 100

144 23.6 17.4 26.0

142 73.1 54.1 81.1

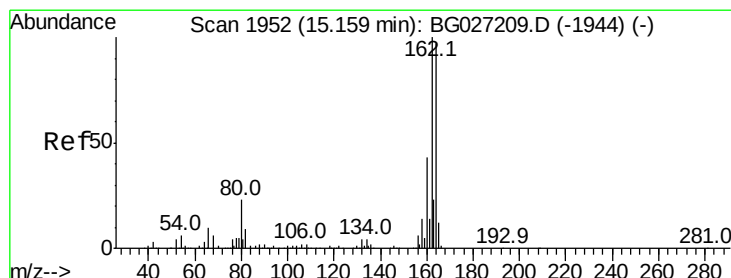
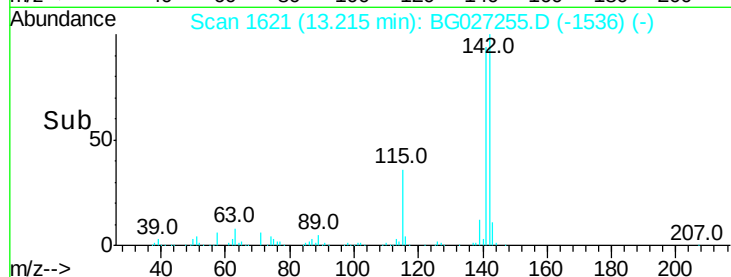
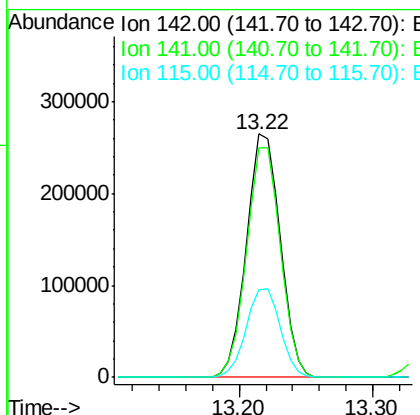
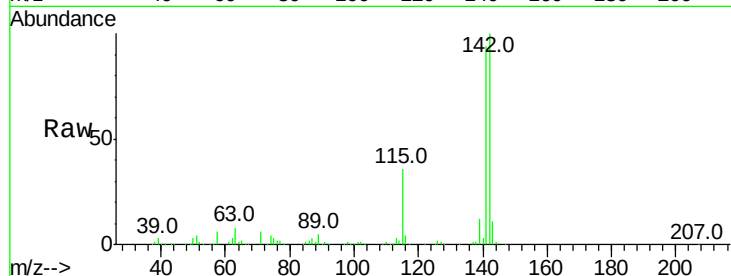




#37
 2-Methylnaphthalene
 Concen: 42.06 ng
 RT: 13.22 min Scan# 1621
 Delta R.T. 0.20 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

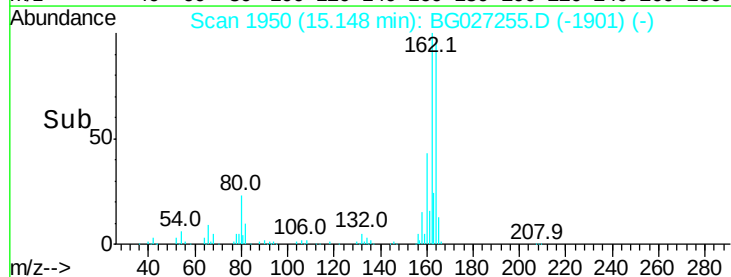
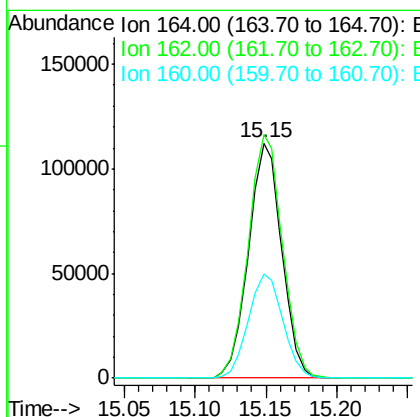
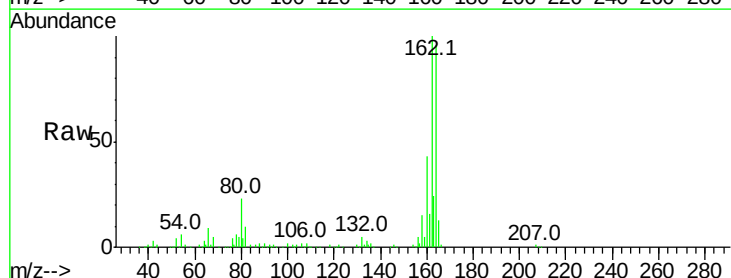
Instrument :
 BNA_G
 ClientSampleId :

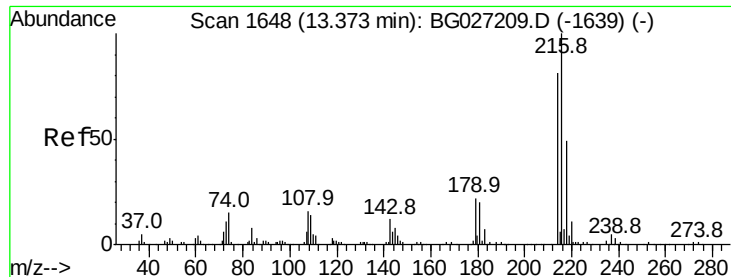
Tot Ion:142 Resp: 463344
 Ion Ratio Lower Upper
 142 100
 141 94.1 70.4 105.6
 115 35.8 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion:164 Resp: 185230
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 44.6 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.14 ng

RT: 13.36 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 237401

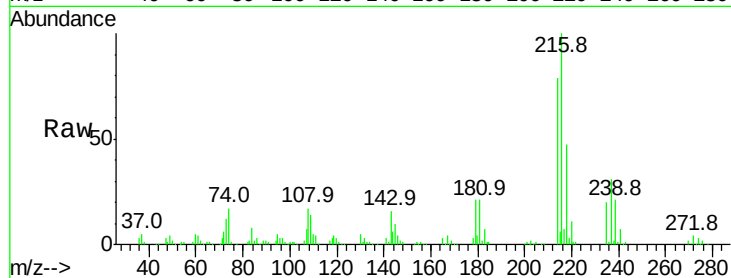
Ion Ratio Lower Upper

216 100

214 79.8 64.4 96.6

179 21.3 17.4 26.0

108 20.6 15.6 23.4

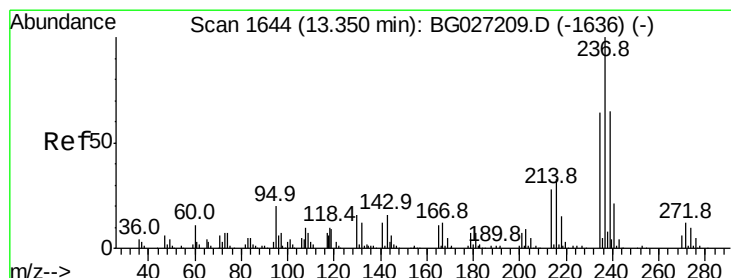
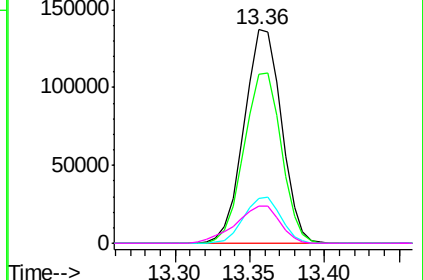
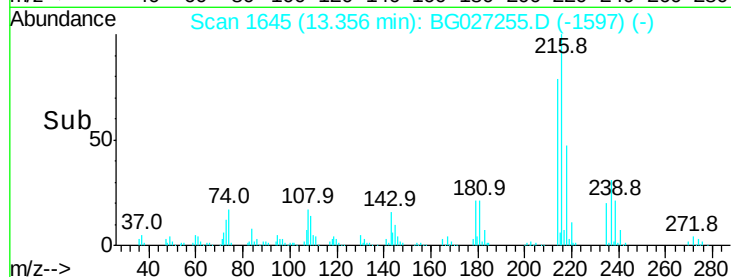


Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.45 ng

RT: 13.34 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

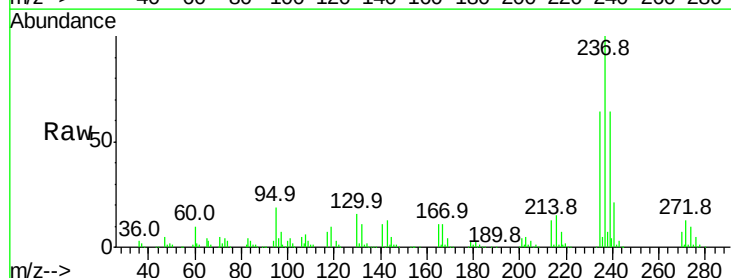
Tgt Ion:237 Resp: 305442

Ion Ratio Lower Upper

237 100

235 63.8 39.4 79.4

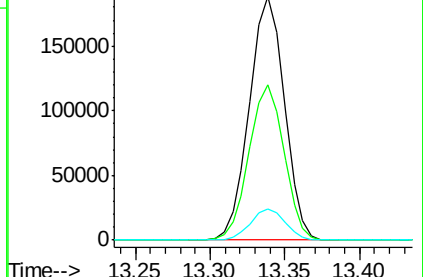
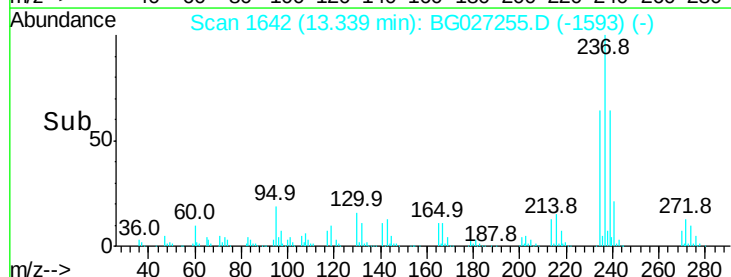
272 12.6 0.0 32.0

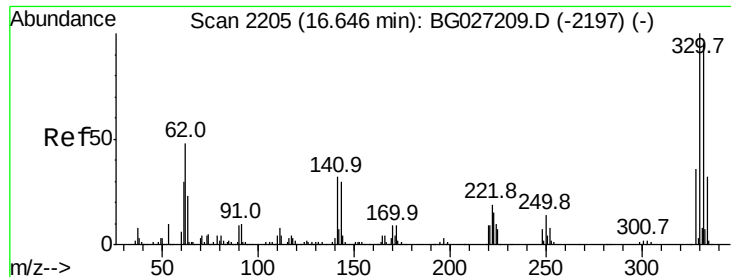


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 155.01 ng

RT: 16.63 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

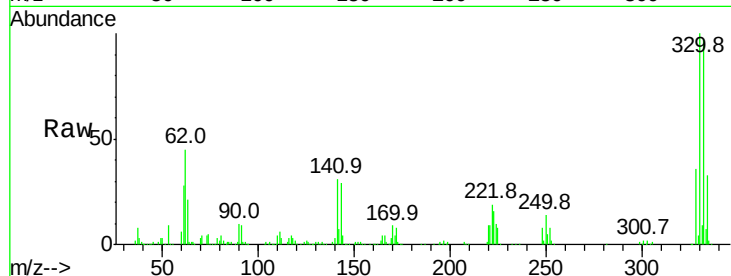
Tot Ion:330 Resp: 378096

Ion Ratio Lower Upper

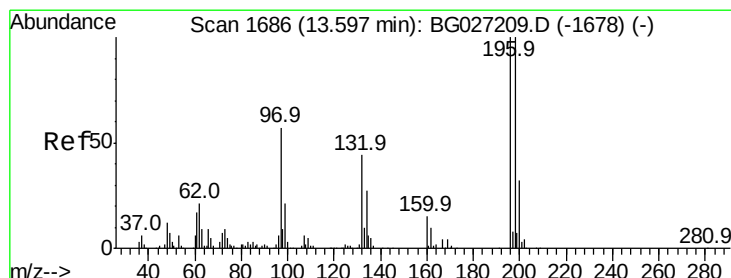
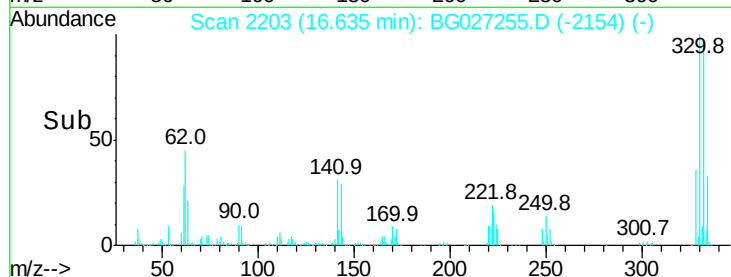
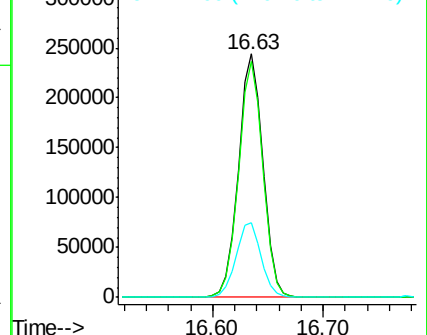
330 100

332 96.3 77.3 115.9

141 31.8 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: 51.21 ng

RT: 13.59 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

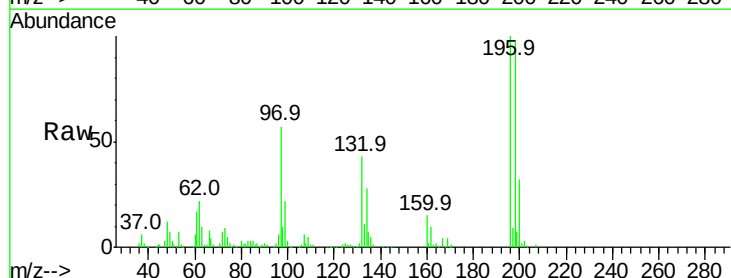
Tgt Ion:196 Resp: 179234

Ion Ratio Lower Upper

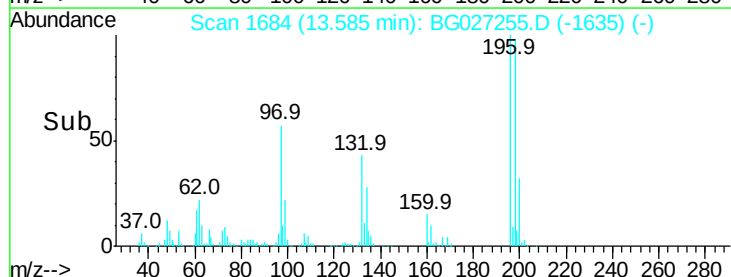
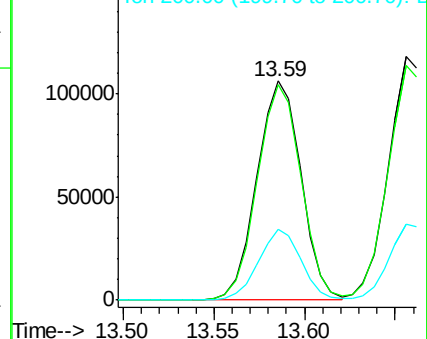
196 100

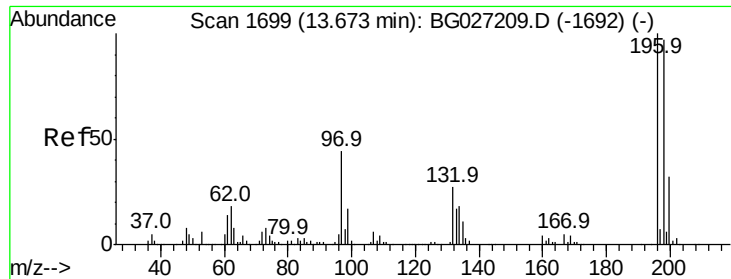
198 98.5 81.4 122.2

200 32.4 27.0 40.6



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

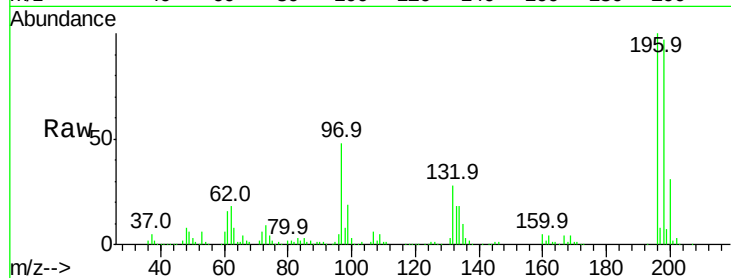




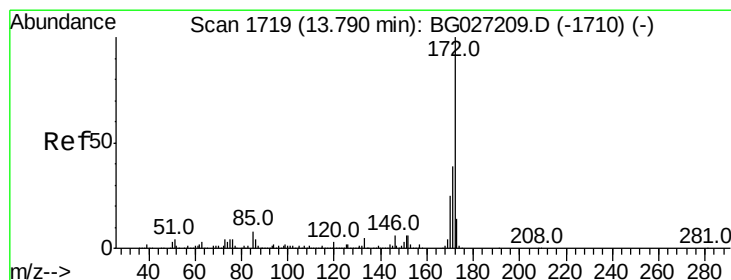
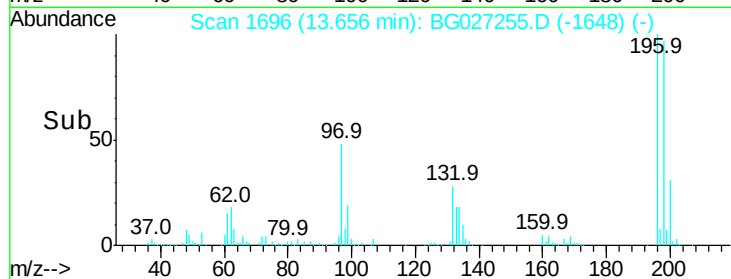
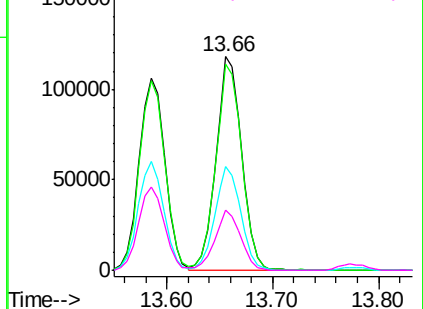
#43
 2,4,5-Trichlorophenol
 Concen: 51.17 ng
 RT: 13.66 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	200411
Ion	Ratio	Lower	Upper
196	100		
198	96.6	79.9	119.9
97	48.4	45.4	68.0
132	28.4	20.7	31.1

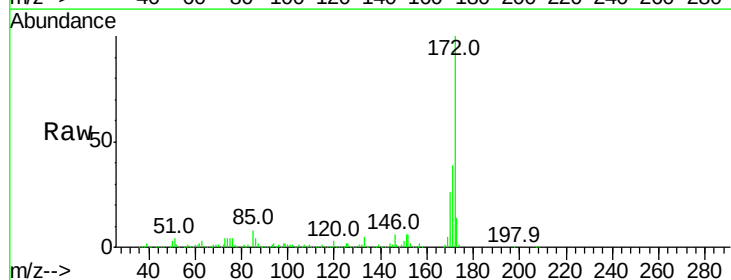


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

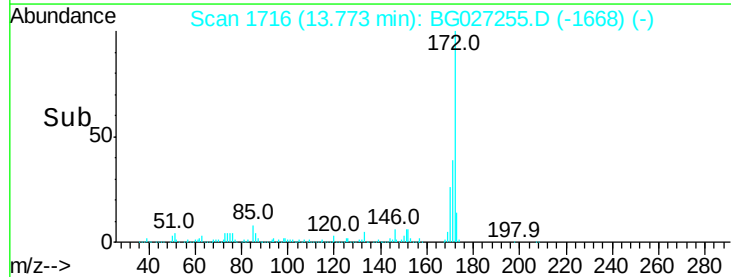
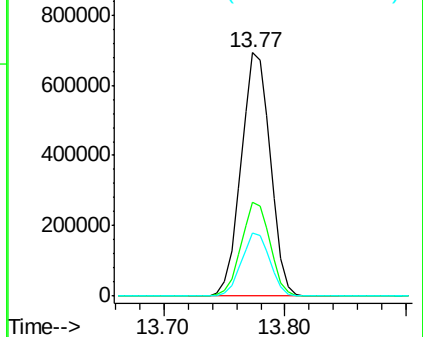


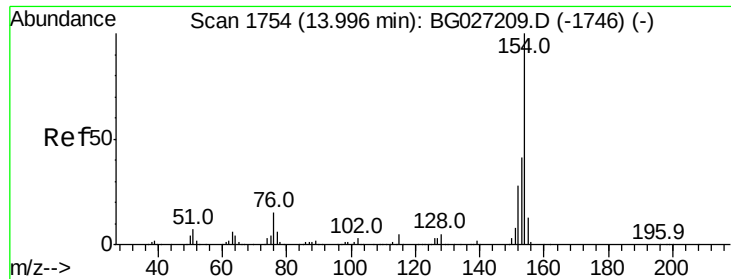
#44
 2-Fluorobiphenyl
 Concen: 88.26 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion:	172	Resp:	1168628
Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	25.8	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: 43.25 ng

RT: 13.98 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG027255.D

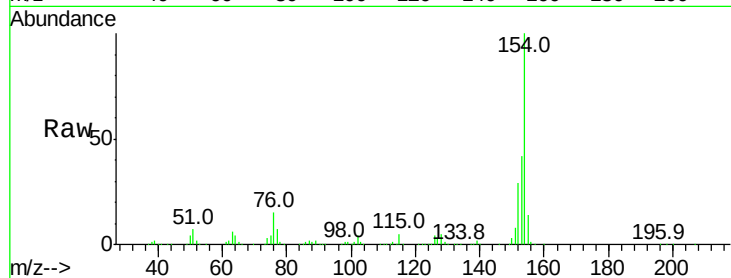
Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

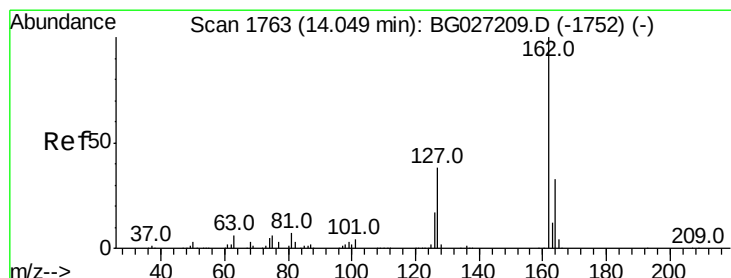
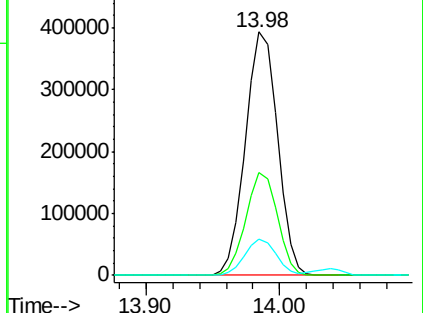
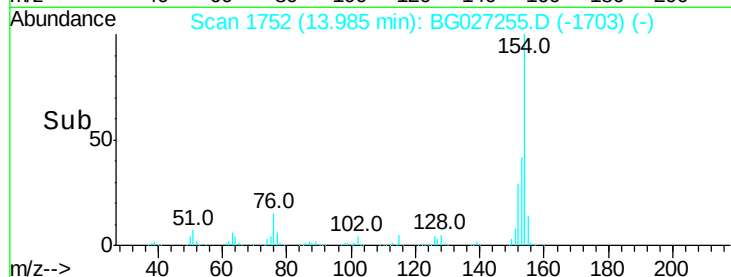
Tot Ion:154	Resp:	653931
Ion	Ratio	Lower Upper
154	100	
153	42.4	23.0 63.0
76	15.1	0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.60 ng

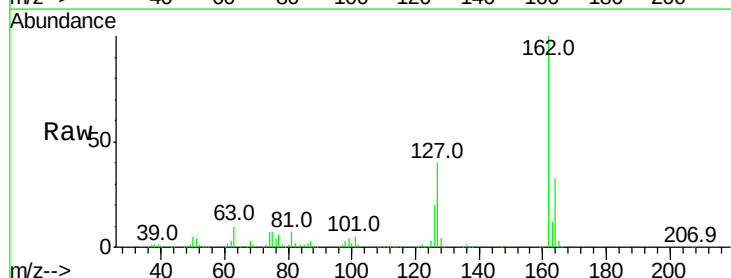
RT: 14.04 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

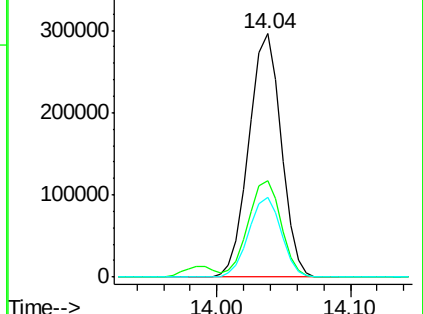
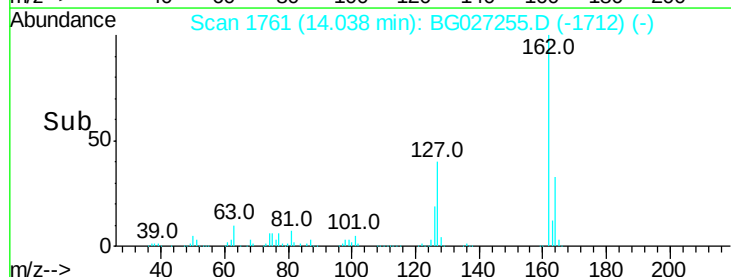
Tgt Ion:162	Resp:	494264
Ion	Ratio	Lower Upper
162	100	
127	39.6	32.2 48.4
164	32.6	27.3 40.9

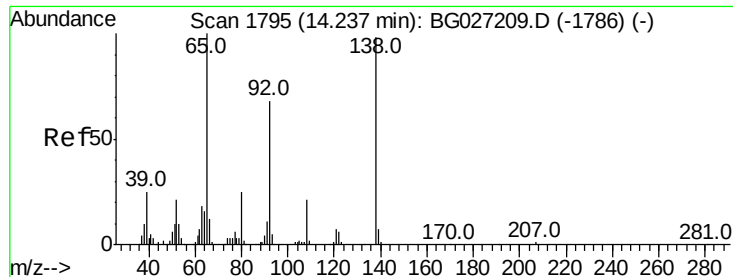


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.64 ng

RT: 14.23 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

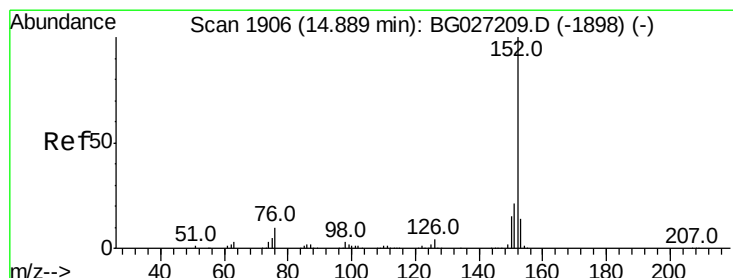
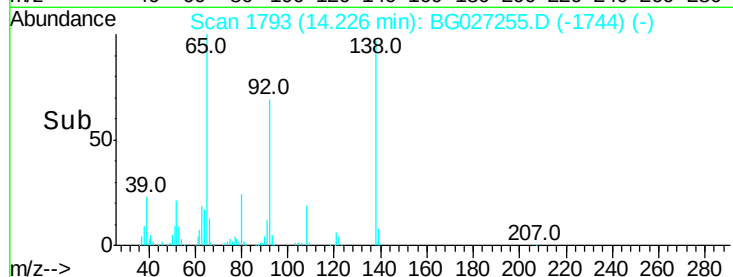
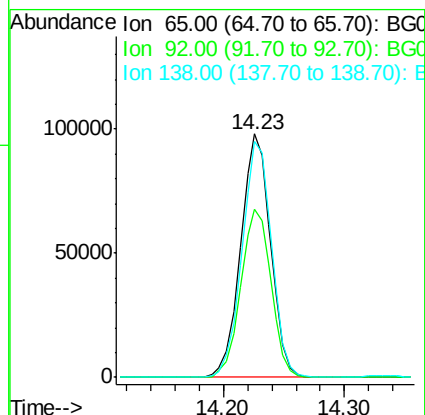
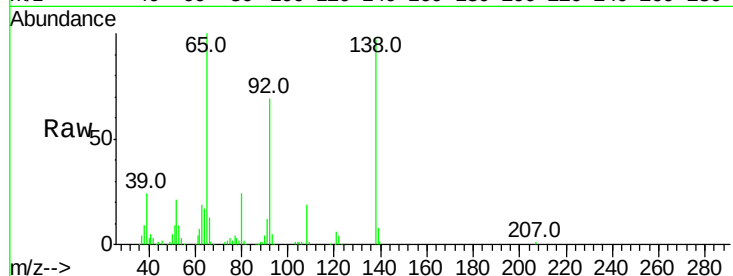
Tot Ion: 65 Resp: 168401

Ion Ratio Lower Upper

65 100

92 68.9 49.0 73.4

138 97.0 58.6 87.8#



#48

Acenaphthylene

Concen: 42.18 ng

RT: 14.88 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

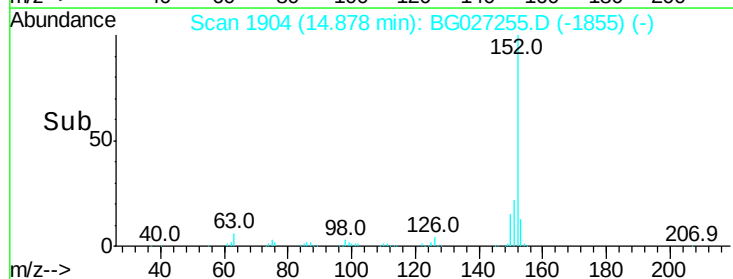
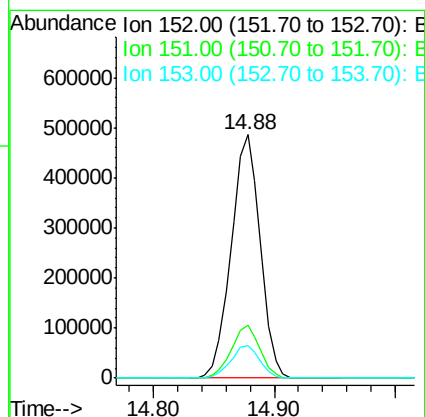
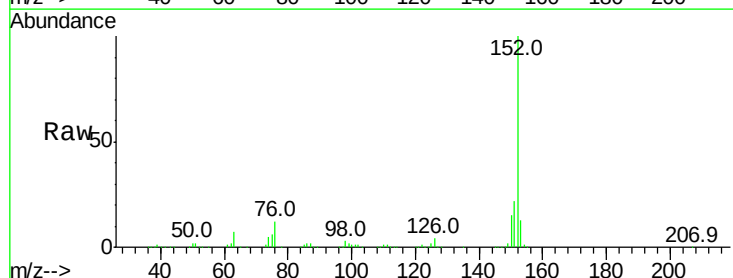
Tgt Ion: 152 Resp: 809222

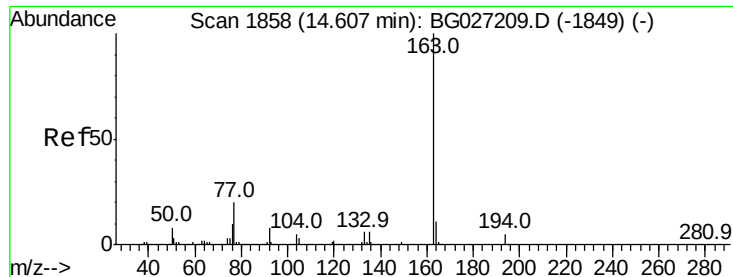
Ion Ratio Lower Upper

152 100

151 21.7 18.2 27.2

153 13.5 11.3 16.9





#49

Dimethylphthalate

Concen: 46.19 ng

RT: 14.59 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

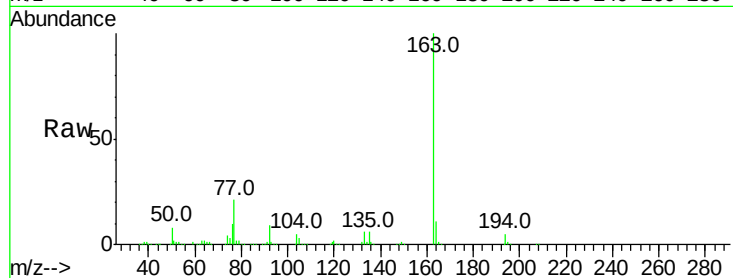
Tot Ion:163 Resp: 678687

Ion Ratio Lower Upper

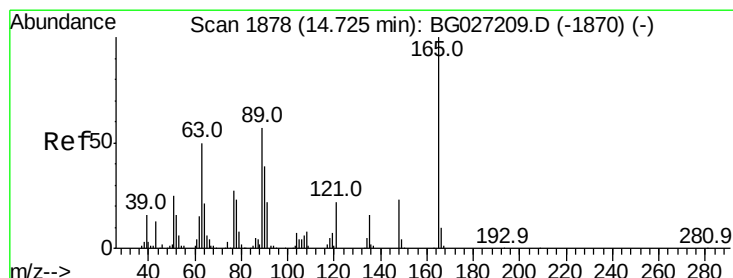
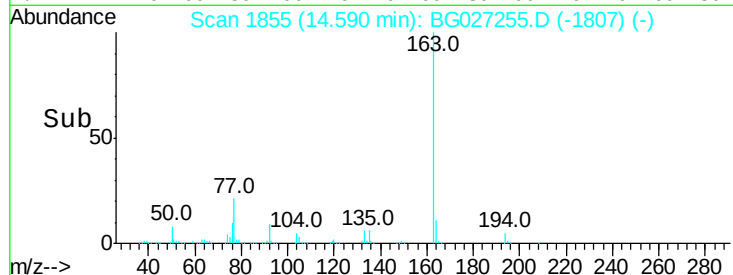
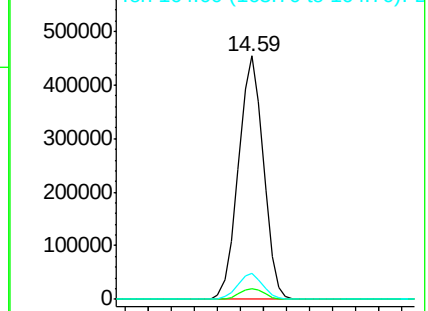
163 100

194 4.6 3.8 5.6

164 10.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.54 ng

RT: 14.71 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

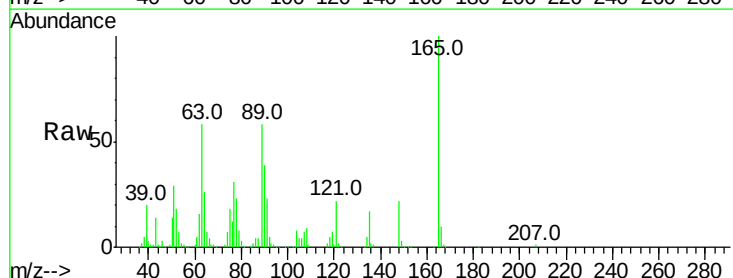
Tgt Ion:165 Resp: 145121

Ion Ratio Lower Upper

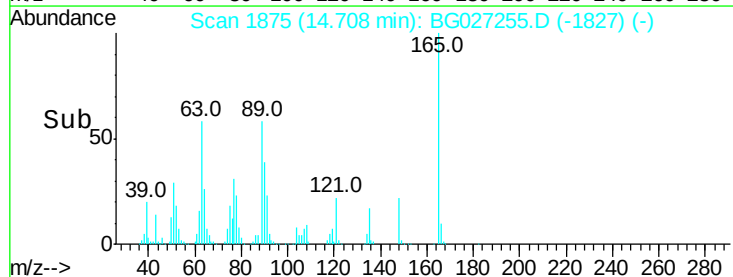
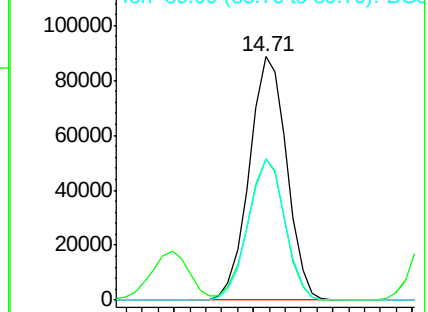
165 100

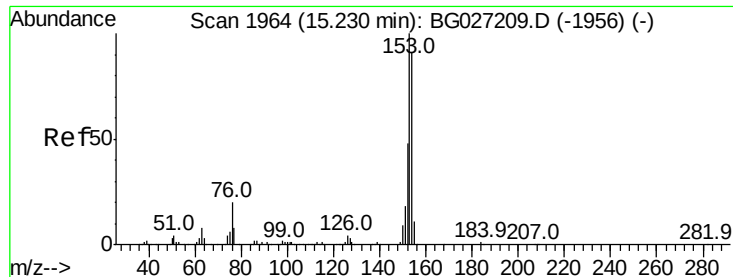
63 58.2 63.9 95.9#

89 58.0 58.6 88.0#



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





#51

Acenaphthene

Concen: 47.11 ng

RT: 15.21 min Scan# 1961

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

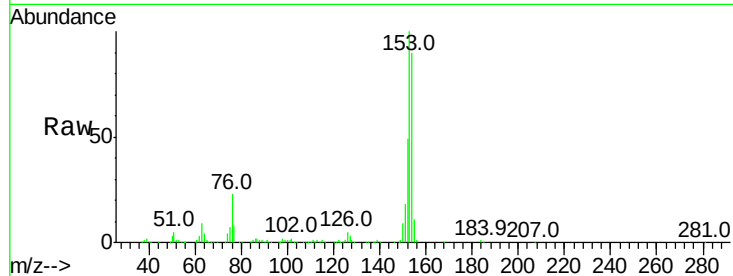
Tot Ion:154 Resp: 587853

Ion Ratio Lower Upper

154 100

153 111.4 87.8 131.6

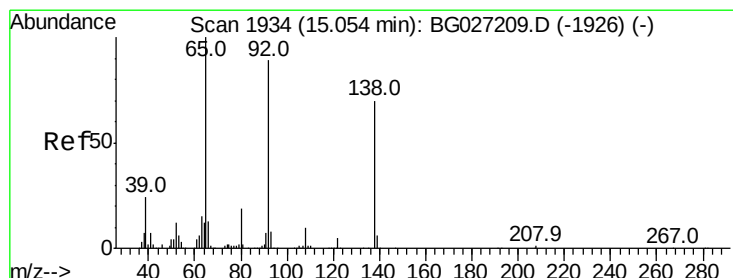
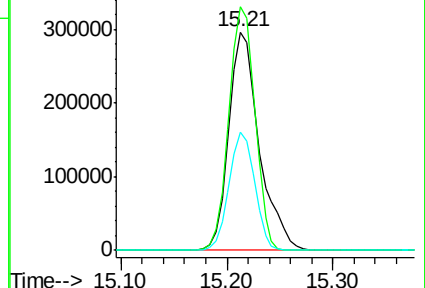
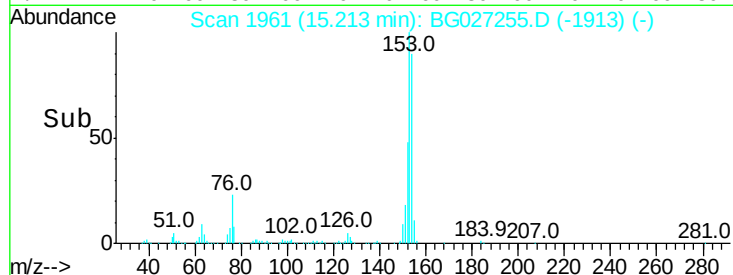
152 54.1 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.30 ng

RT: 15.04 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

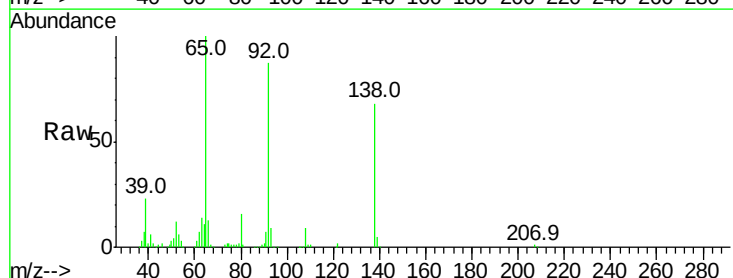
Tgt Ion:138 Resp: 101619

Ion Ratio Lower Upper

138 100

108 12.4 10.9 16.3

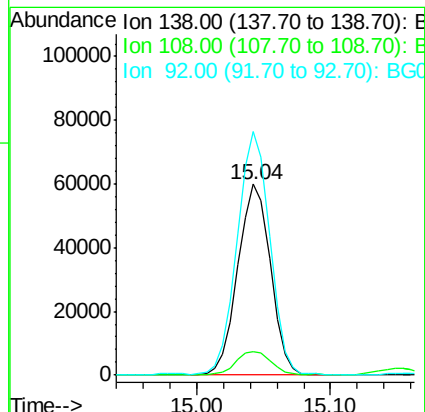
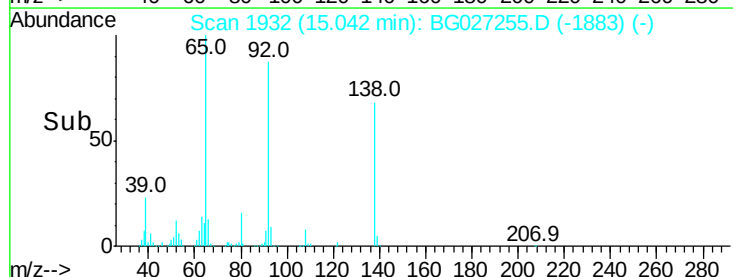
92 127.5 115.3 172.9

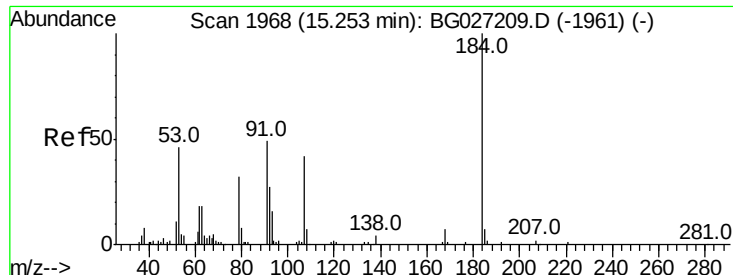


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

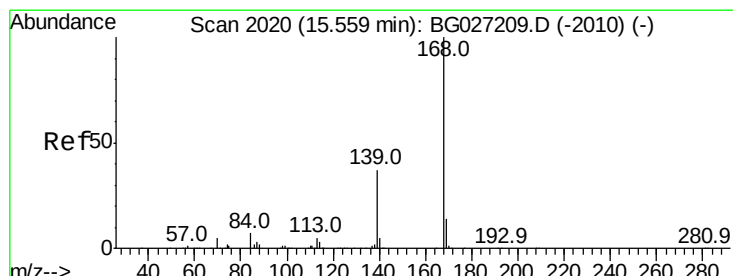
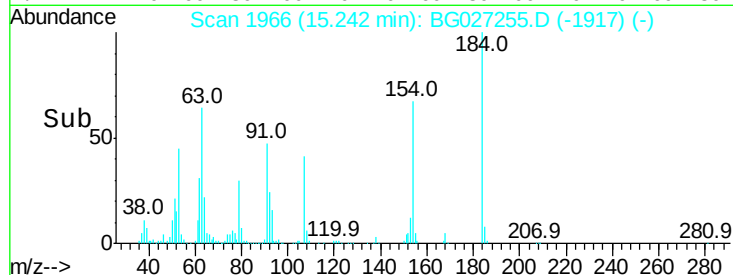
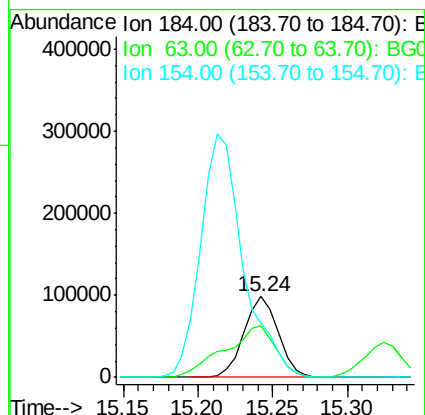
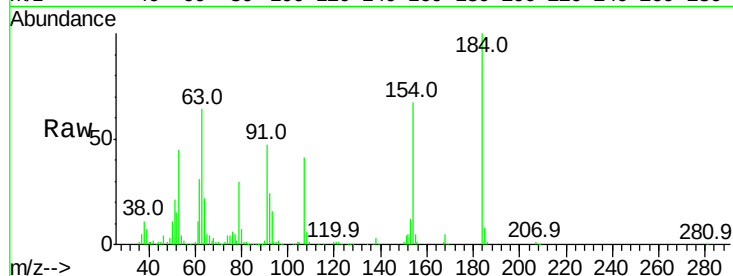




#53
2,4-Dinitrophenol
Concen: 98.63 ng
RT: 15.24 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

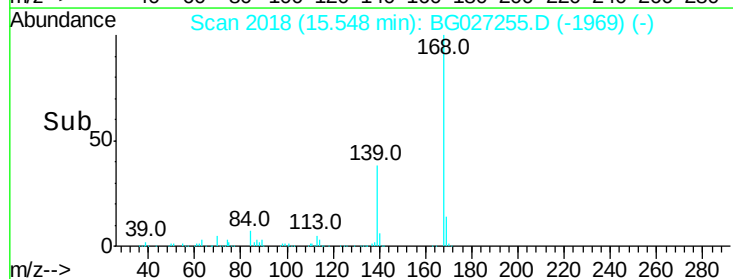
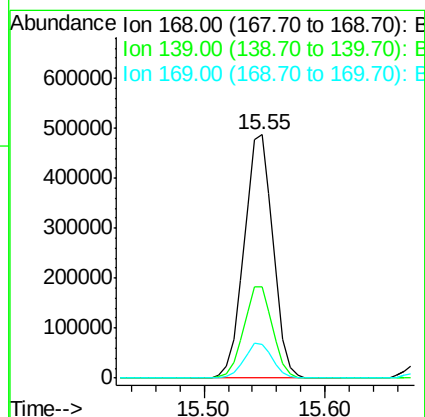
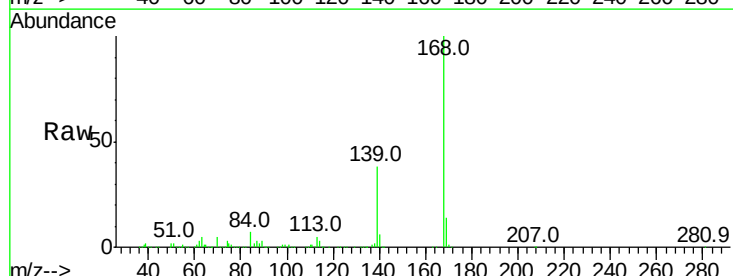
Instrument :
BNA_G
ClientSampleId :

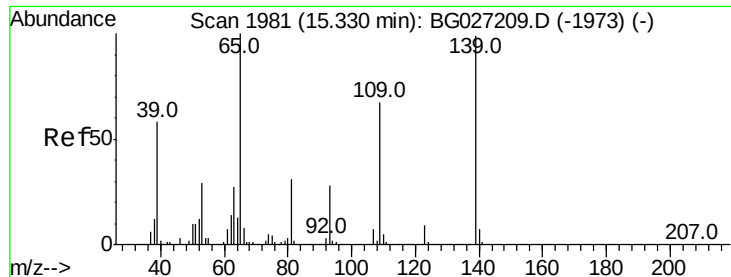
Tot Ion:184 Resp: 156778
Ion Ratio Lower Upper
184 100
63 63.5 52.7 79.1
154 67.0 57.3 85.9



#54
Dibenzofuran
Concen: 46.44 ng
RT: 15.55 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion:168 Resp: 809833
Ion Ratio Lower Upper
168 100
139 37.5 35.3 52.9
169 14.0 11.5 17.3

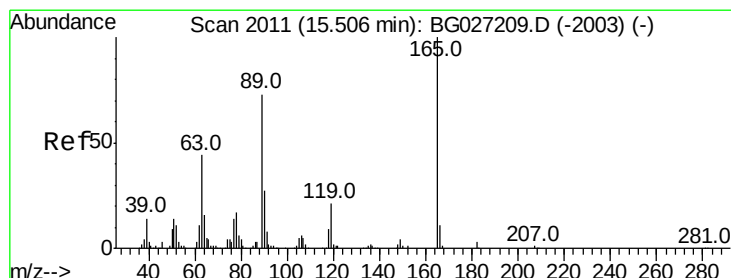
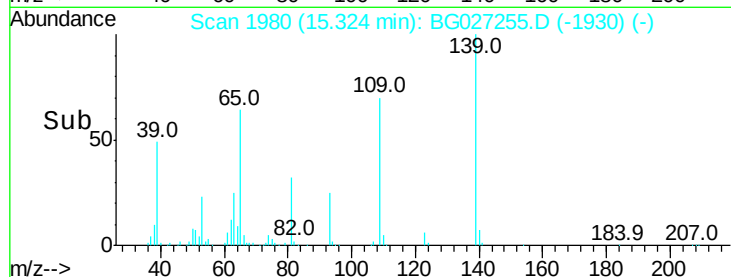
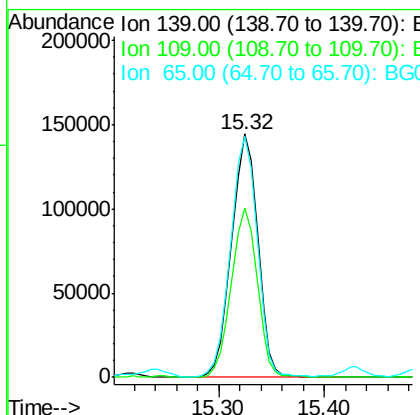
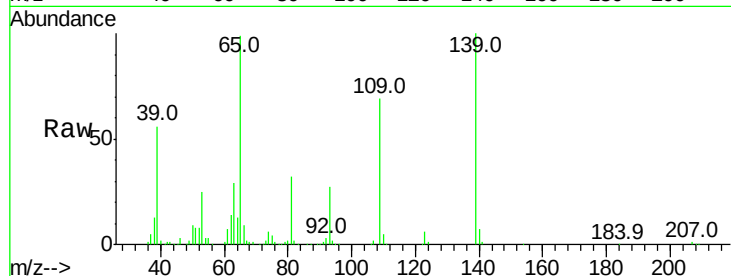




#55
4-Nitrophenol
Concen: 88.96 ng
RT: 15.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

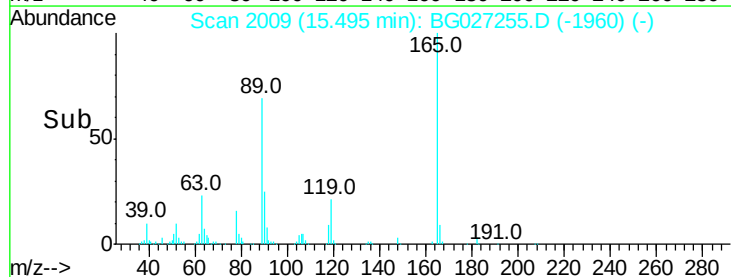
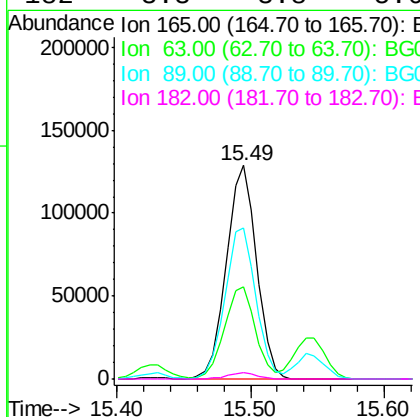
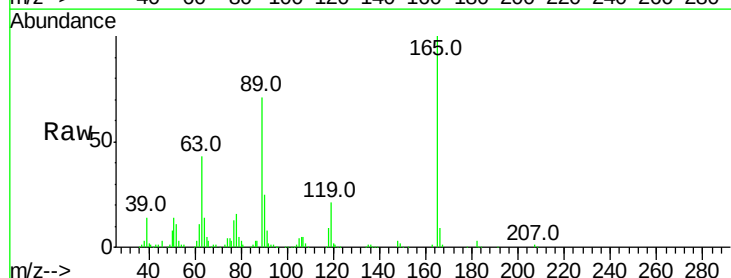
Instrument :
BNA_G
ClientSampleId :

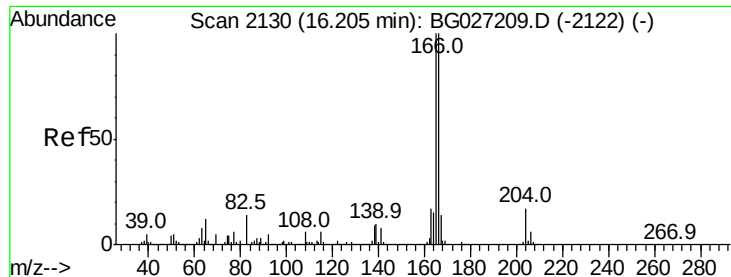
Tot Ion	Ratio	Lower	Upper
139	100		
109	69.4	101.2	141.2#
65	99.1	135.3	175.3#



#56
2,4-Dinitrotoluene
Concen: 52.56 ng
RT: 15.49 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.2	44.0	66.0#
89	70.8	67.3	100.9
182	3.3	3.8	5.6#





#57

Fluorene

Concen: 42.59 ng

RT: 16.19 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

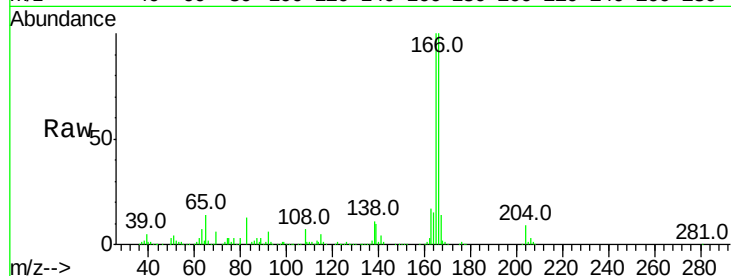
Tot Ion:166 Resp: 659592

Ion Ratio Lower Upper

166 100

165 99.7 78.6 117.8

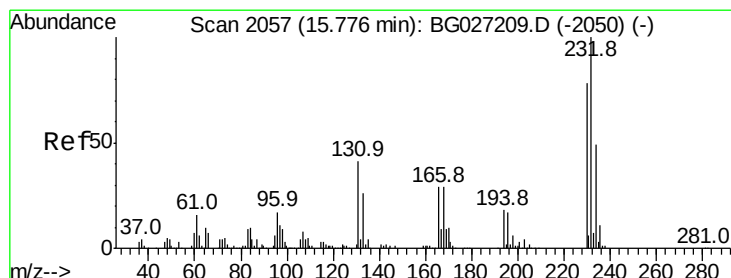
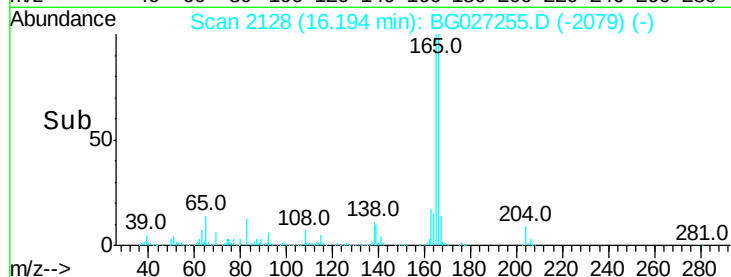
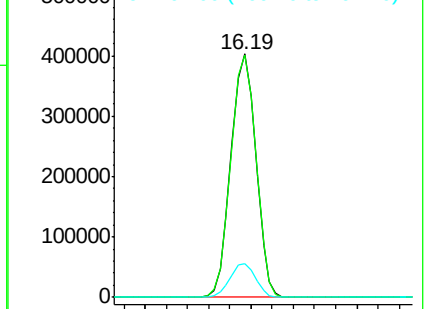
167 13.7 11.6 17.4



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: 54.21 ng

RT: 15.76 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Tgt Ion:232 Resp: 189510

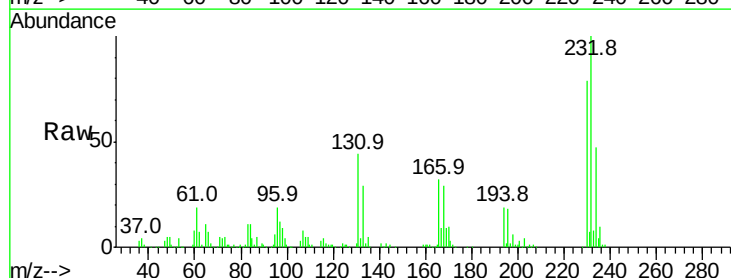
Ion Ratio Lower Upper

232 100

131 43.5 34.9 52.3

130 2.4 2.3 3.5

166 31.0 24.2 36.4

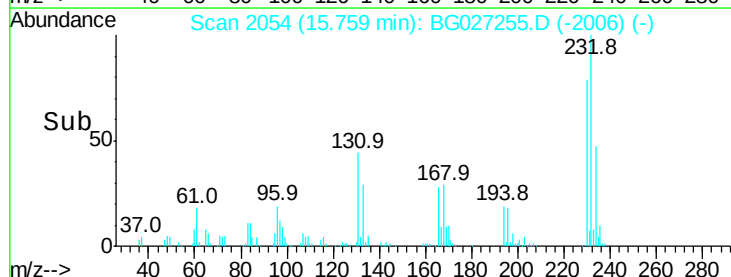
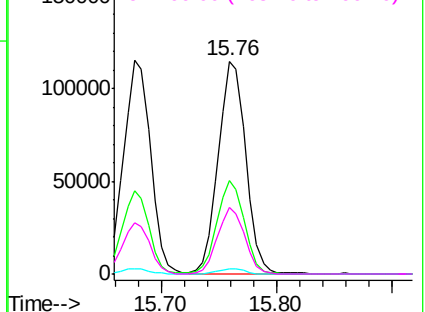


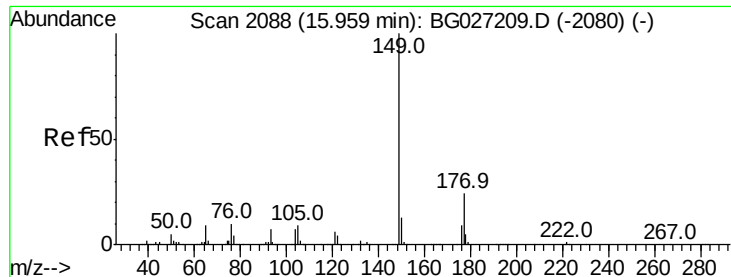
Abundance Ion 232.00 (231.70 to 232.70): E

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: 47.27 ng

RT: 15.94 min Scan# 2085

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

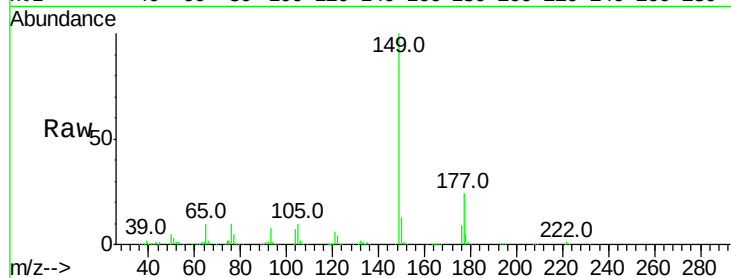
Tot Ion:149 Resp: 692860

Ion Ratio Lower Upper

149 100

177 24.3 20.1 30.1

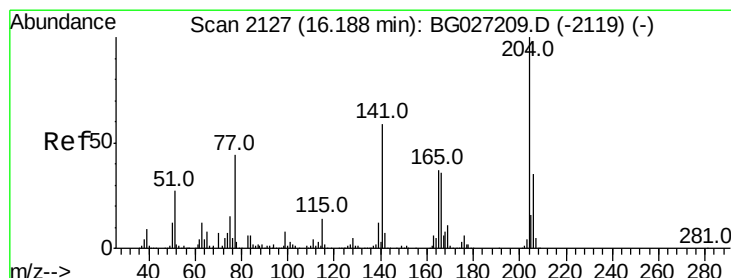
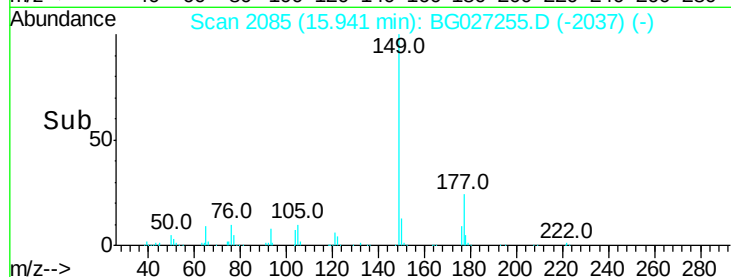
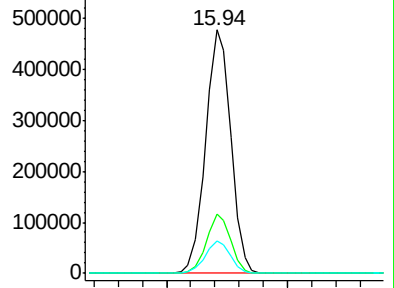
150 13.2 10.2 15.2



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: 43.91 ng

RT: 16.18 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

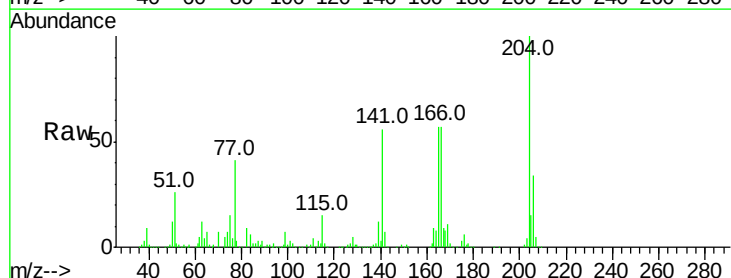
Tgt Ion:204 Resp: 342570

Ion Ratio Lower Upper

204 100

206 34.4 30.1 45.1

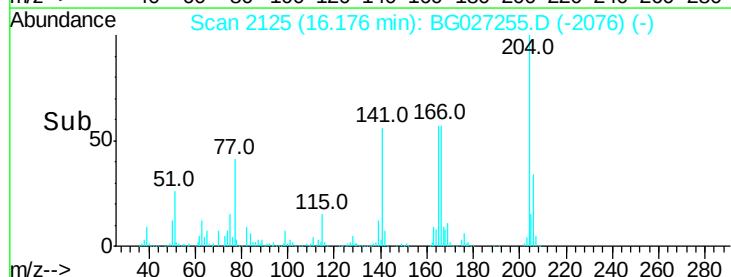
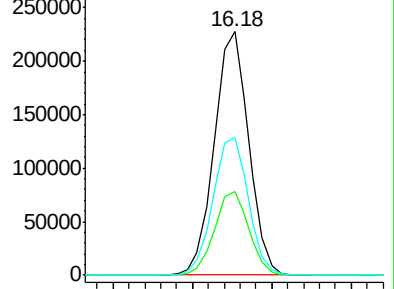
141 56.4 50.6 76.0

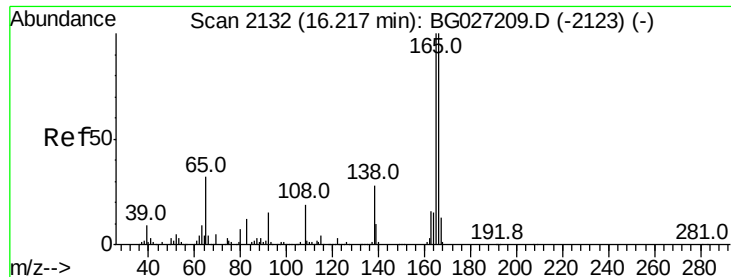


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

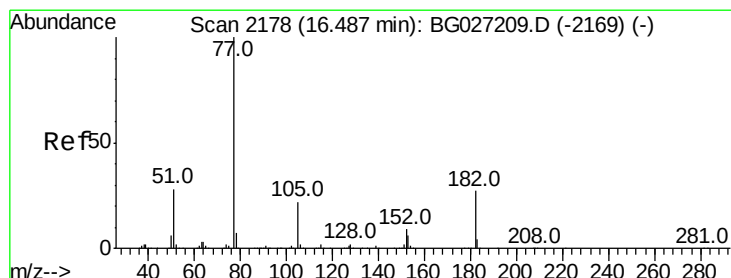
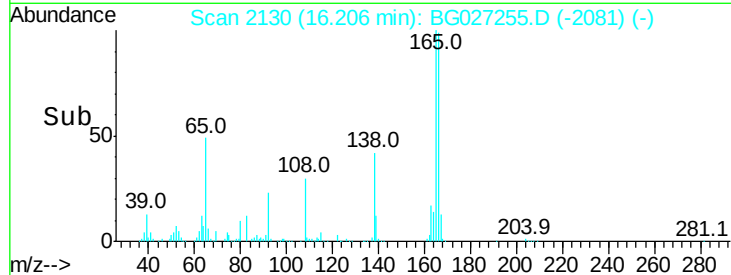
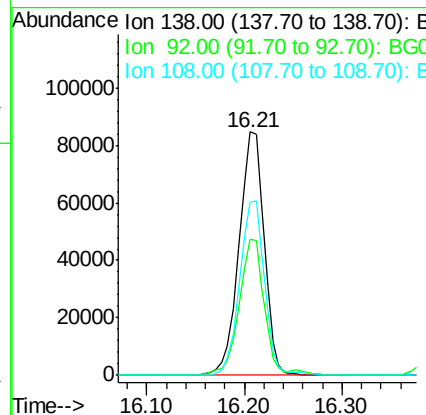
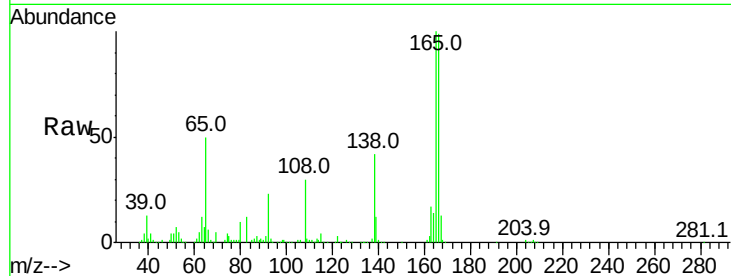




#61
4-Nitroaniline
Concen: 48.01 ng
RT: 16.21 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

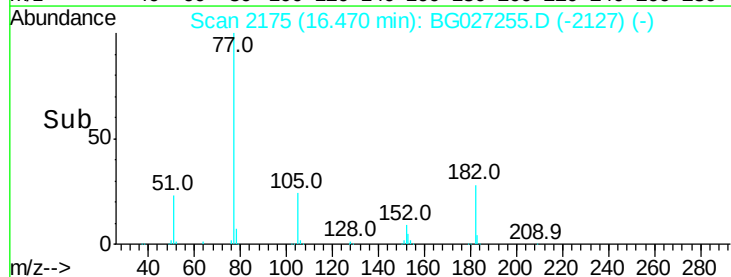
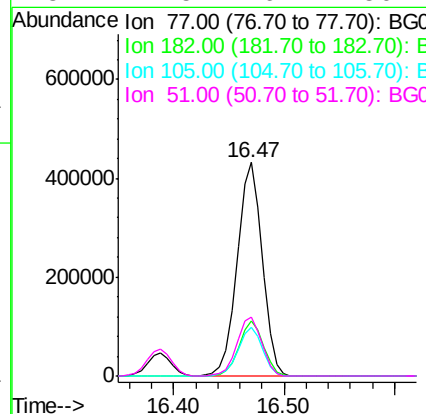
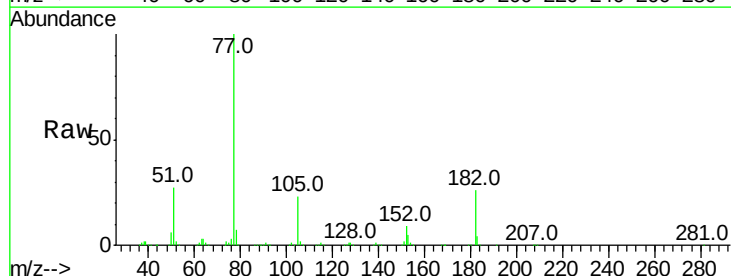
Instrument :
BNA_G
ClientSampleId :

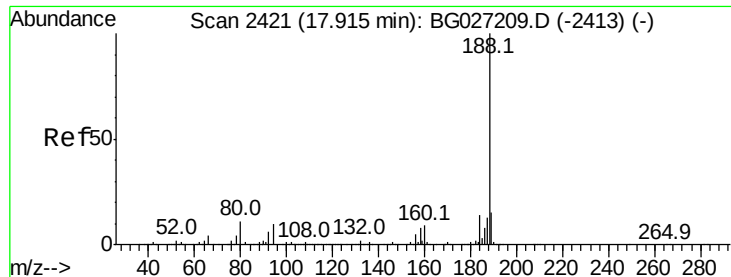
Tot Ion:138 Resp: 152106
Ion Ratio Lower Upper
138 100
92 56.1 44.2 84.2
108 71.3 104.8 144.8#



#62
Azobenzene
Concen: 50.66 ng
RT: 16.47 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion: 77 Resp: 688176
Ion Ratio Lower Upper
77 100
182 25.6 4.7 44.7
105 22.6 0.0 36.3
51 27.5 16.4 56.4

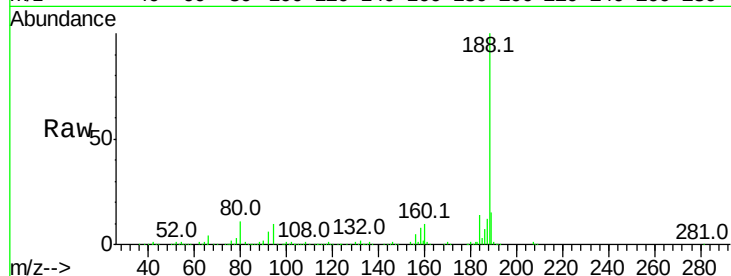




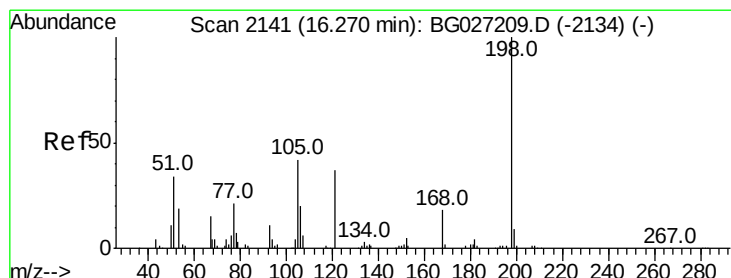
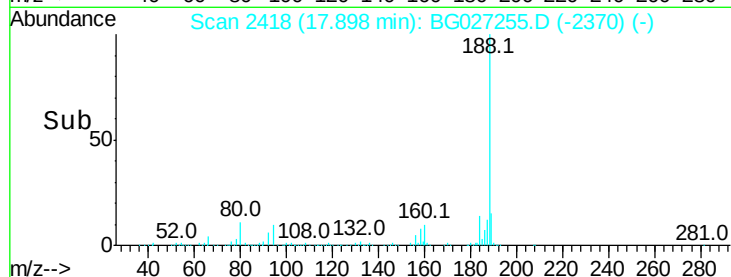
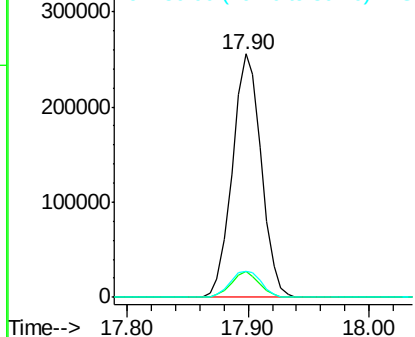
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.90 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 424249
Ion Ratio Lower Upper
188 100
94 10.4 5.8 8.8#
80 10.8 7.5 11.3

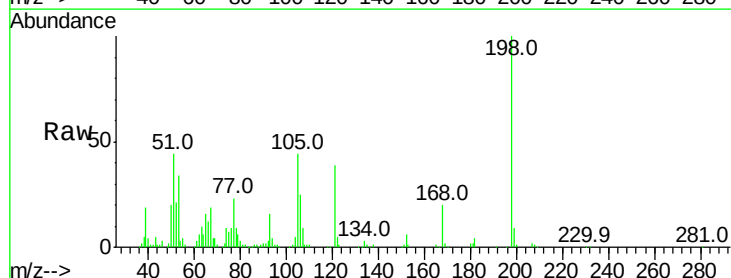


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

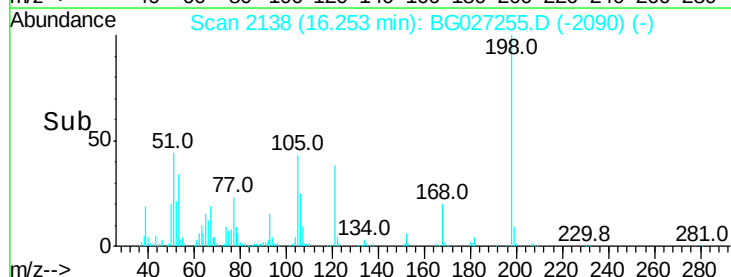
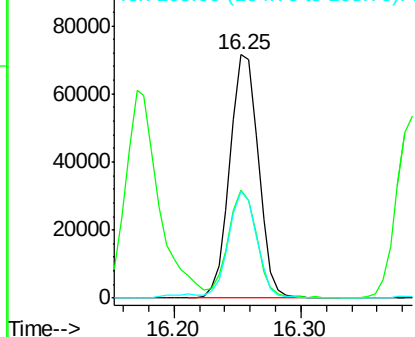


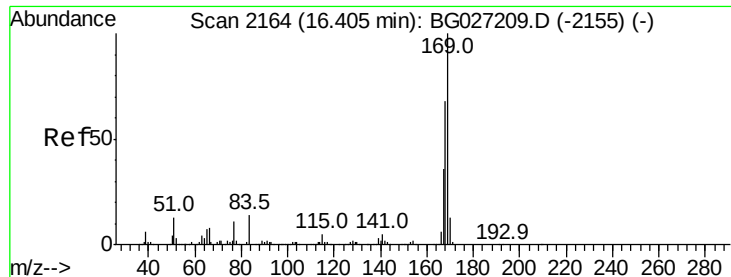
#64
4,6-Dinitro-2-methylphenol
Concen: 55.86 ng
RT: 16.25 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion:198 Resp: 111519
Ion Ratio Lower Upper
198 100
51 44.3 22.6 62.6
105 44.0 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.21 ng

RT: 16.39 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampled :

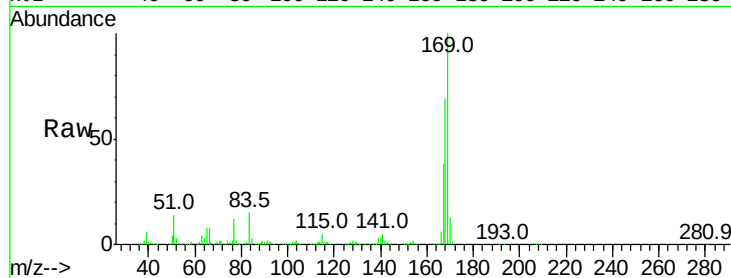
Tot Ion:169 Resp: 601301

Ion Ratio Lower Upper

169 100

168 69.2 55.7 83.5

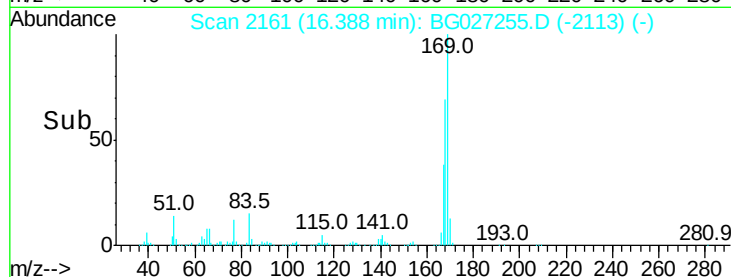
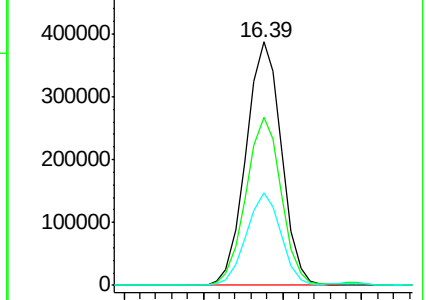
167 38.0 29.8 44.6



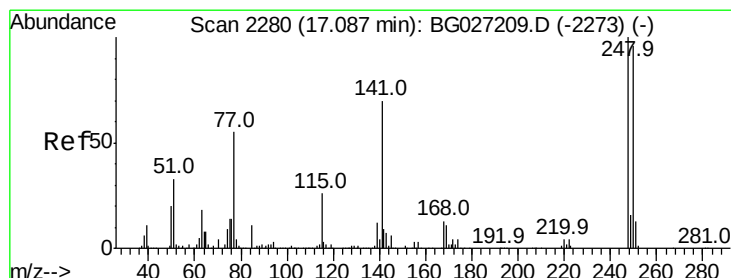
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 45.49 ng

RT: 17.08 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

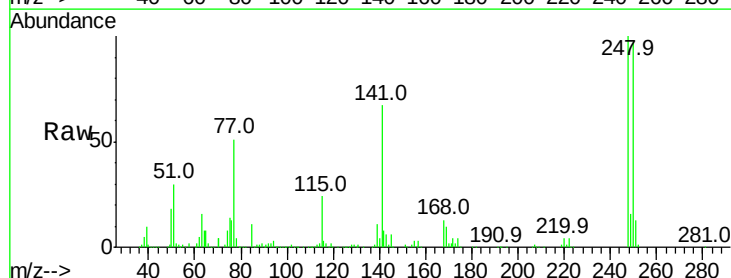
Tgt Ion:248 Resp: 228397

Ion Ratio Lower Upper

248 100

250 96.6 75.0 112.6

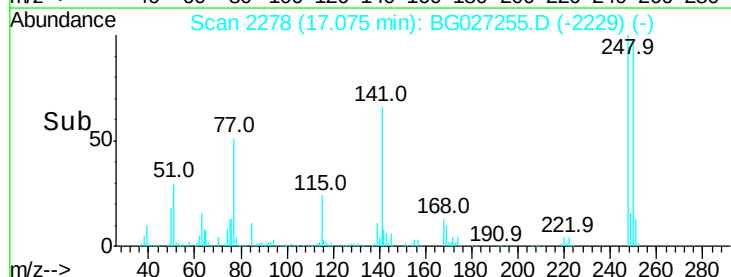
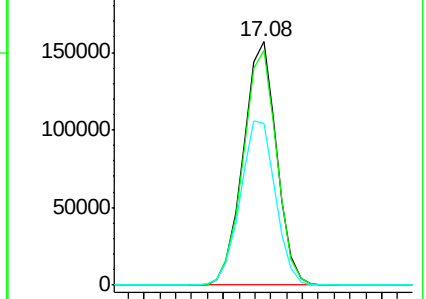
141 66.6 55.2 82.8



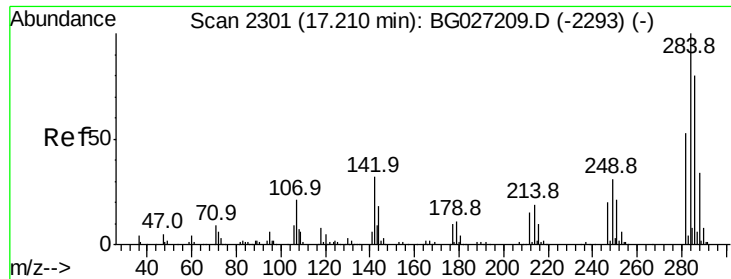
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



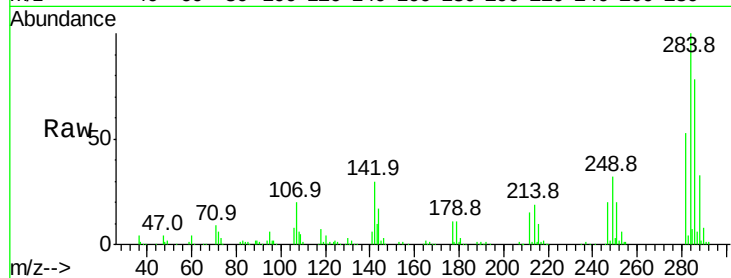
Time-->



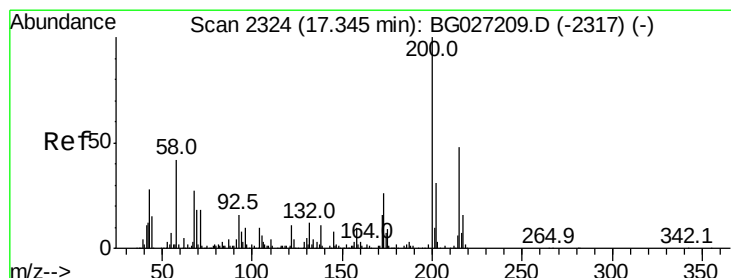
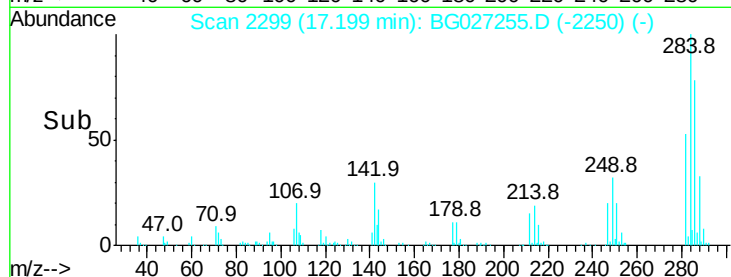
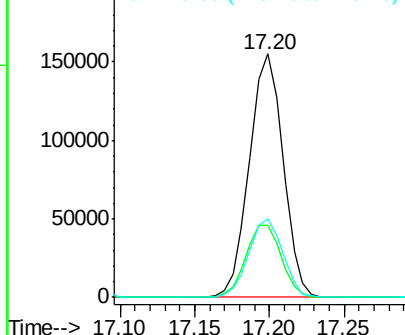
#67
Hexachlorobenzene
Concen: 44.90 ng
RT: 17.20 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.7	29.9	44.9#
249	32.3	29.2	43.8

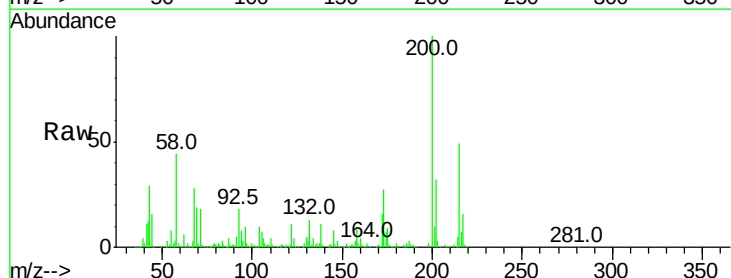


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

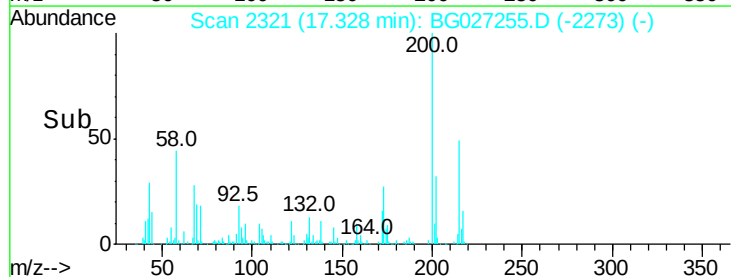
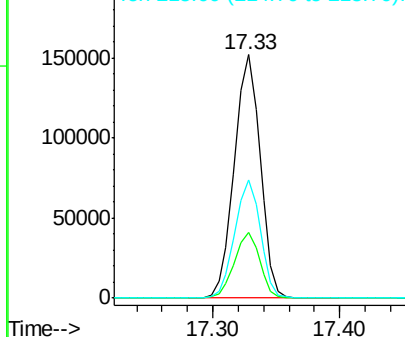


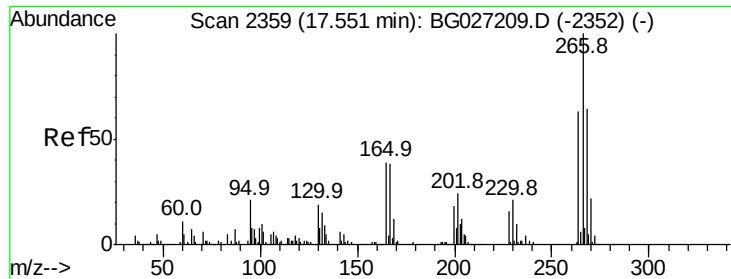
#68
Atrazine
Concen: 48.18 ng
RT: 17.33 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	3.0	43.0
215	48.7	28.4	68.4



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

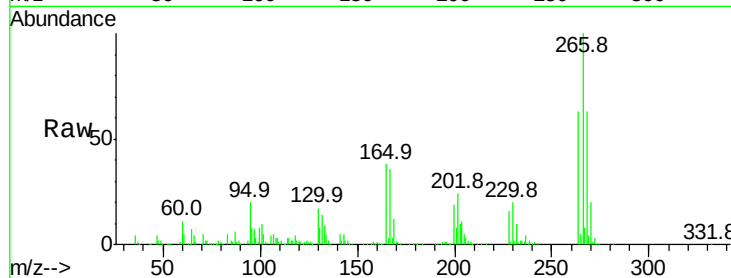




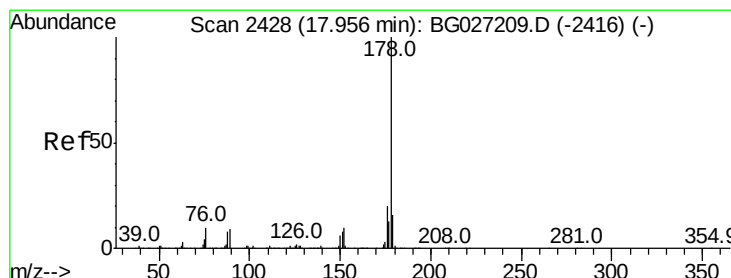
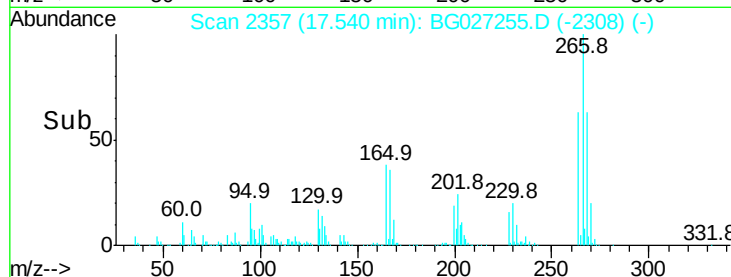
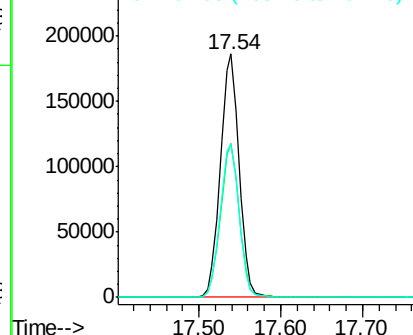
#69
 Pentachlorophenol
 Concen: 94.22 ng
 RT: 17.54 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	48.6	72.8
264	62.9	50.1	75.1

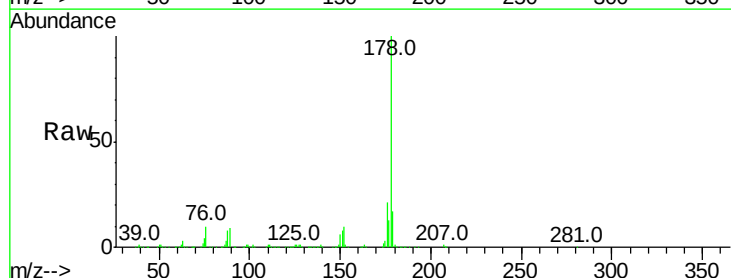


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

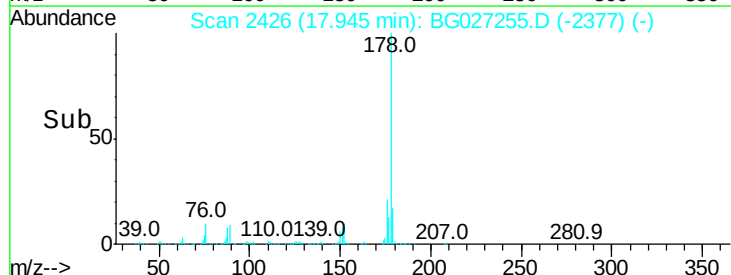
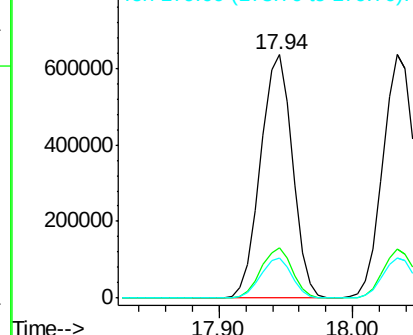


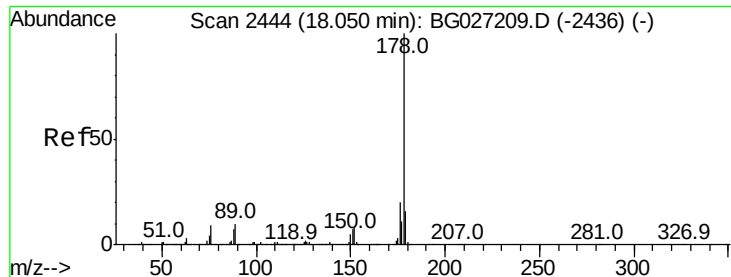
#70
 Phenanthrene
 Concen: 44.11 ng
 RT: 17.94 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.7	26.5
179	16.6	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: 44.20 ng

RT: 18.03 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

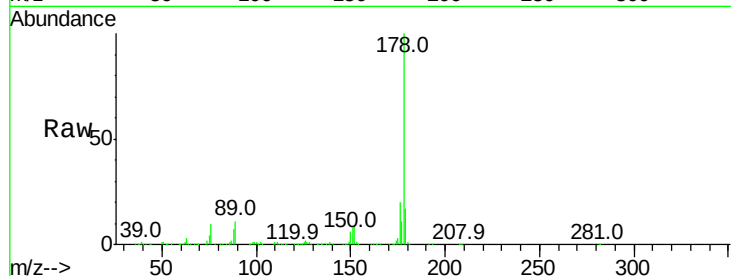
Instrument :

BNA_G

ClientSampled :

Tot Ion:178 Resp: 1056843

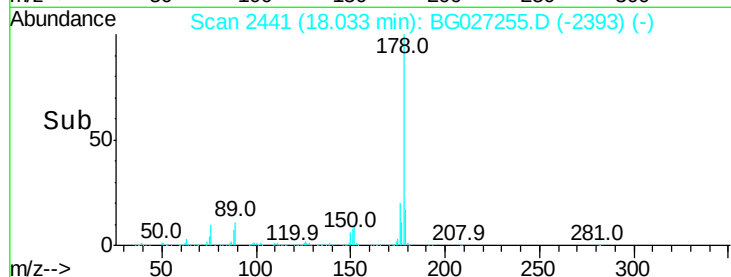
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.4	24.6
179	16.6	13.8	20.8



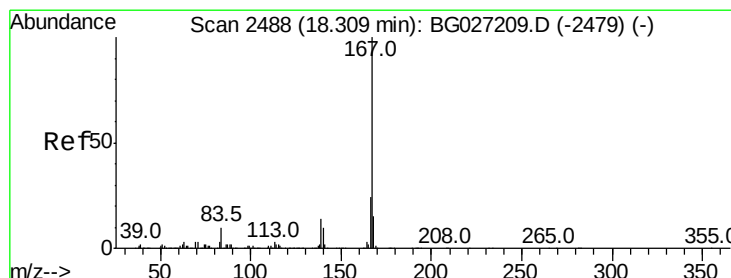
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 39.53 ng

RT: 18.30 min Scan# 2486

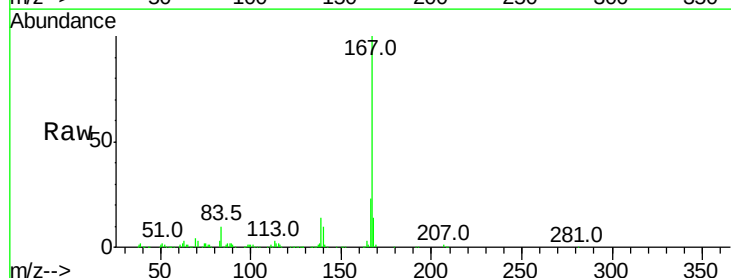
Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Tgt Ion:167 Resp: 891653

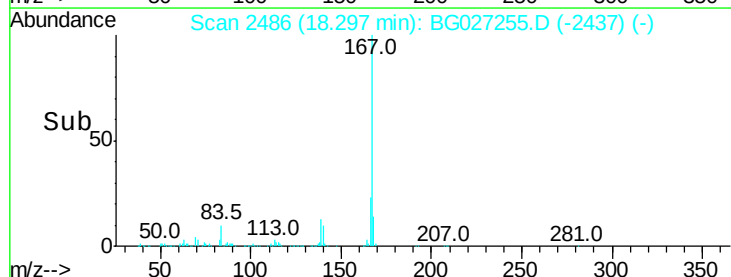
Ion	Ratio	Lower	Upper
167	100		
166	23.5	20.2	30.2
139	13.5	12.8	19.2



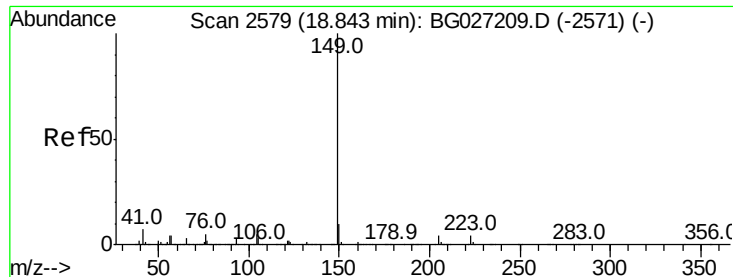
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



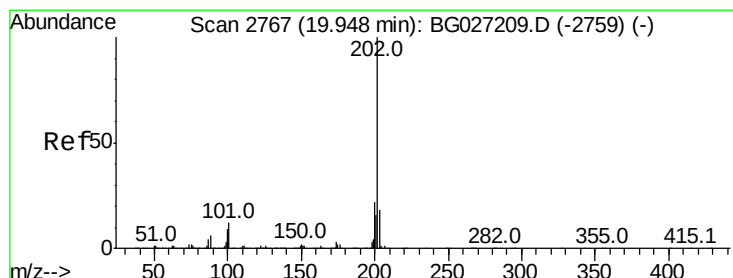
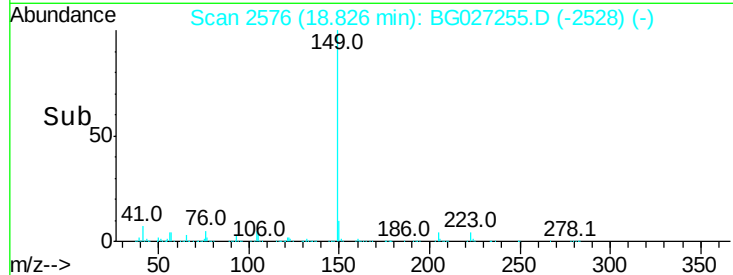
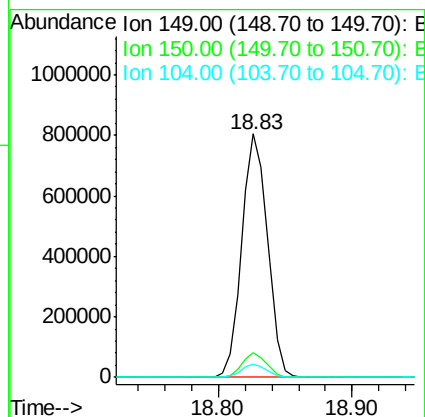
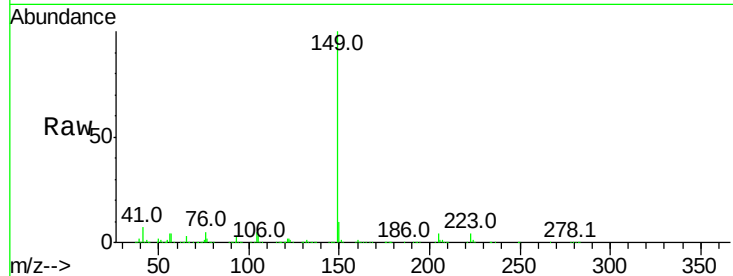
Time-->



#73
Di-n-butylphthalate
Concen: 48.64 ng
RT: 18.83 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

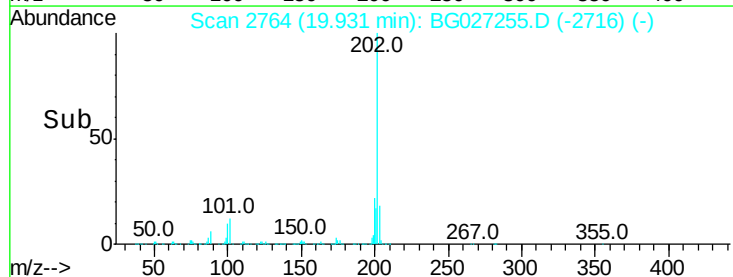
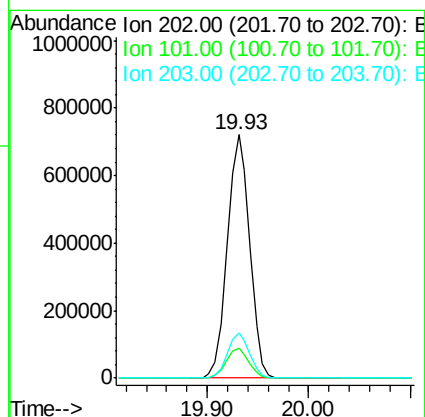
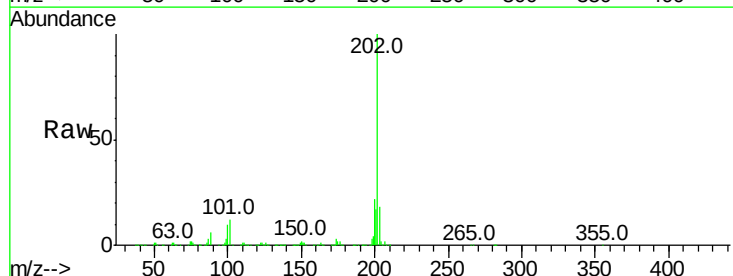
Instrument :
BNA_G
ClientSampleId :

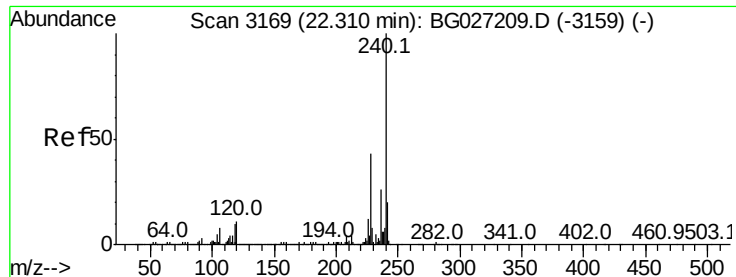
Tot Ion:149 Resp: 1063877
Ion Ratio Lower Upper
149 100
150 10.0 9.1 13.7
104 5.3 6.7 10.1#



#74
Fluoranthene
Concen: 42.89 ng
RT: 19.93 min Scan# 2764
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion:202 Resp: 1093740
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.1
203 18.4 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.29 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

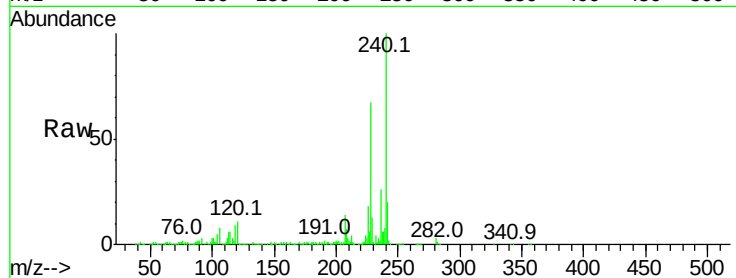
Tot Ion:240 Resp: 433303

Ion Ratio Lower Upper

240 100

120 11.4 5.7 8.5#

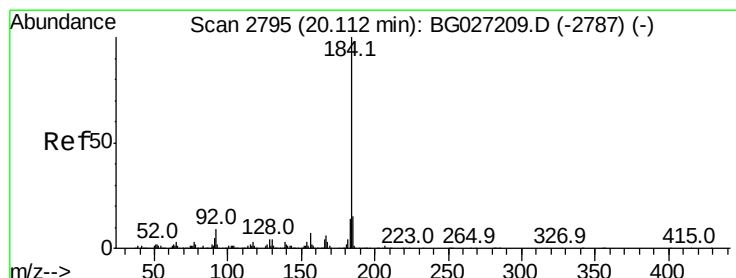
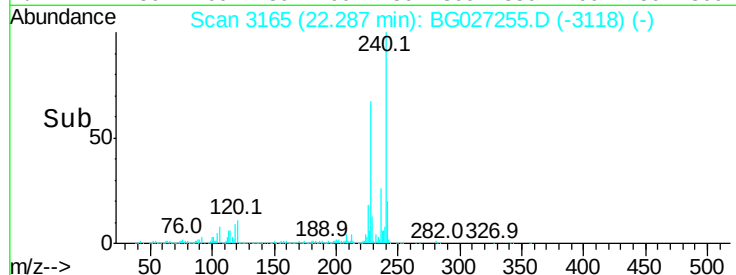
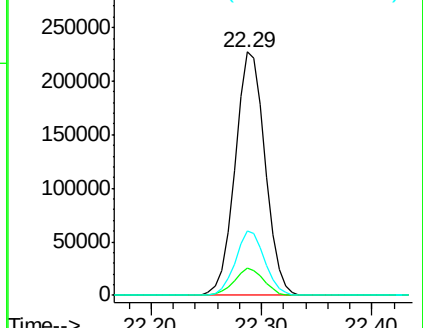
236 26.5 22.2 33.4



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: 32.04 ng

RT: 20.10 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

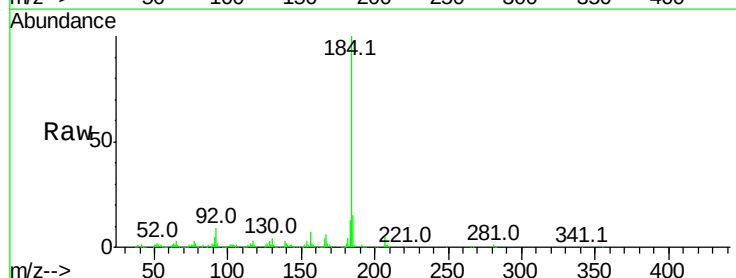
Tgt Ion:184 Resp: 418168

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

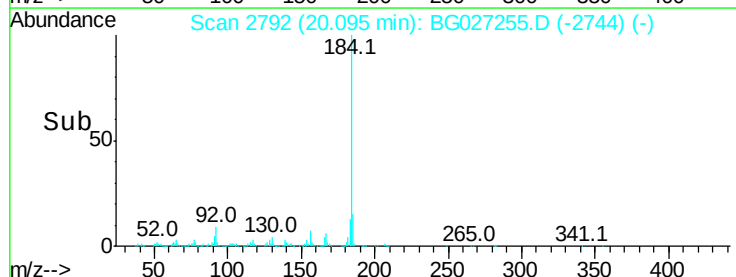
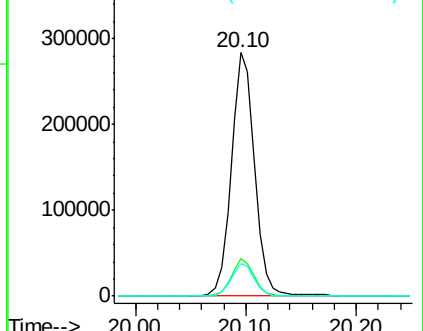
183 13.2 11.0 16.6

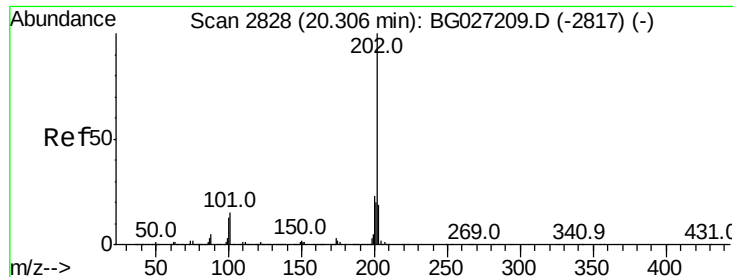


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.66 ng

RT: 20.30 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

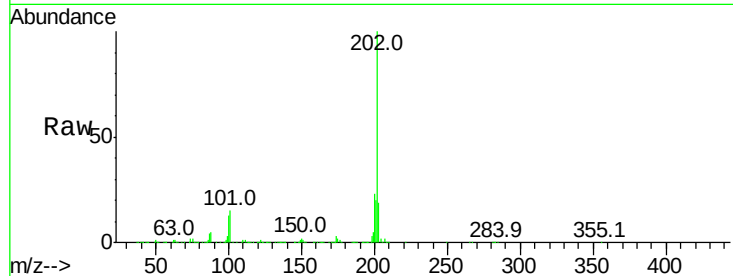
Tot Ion:202 Resp: 1116824

Ion Ratio Lower Upper

202 100

200 23.0 19.6 29.4

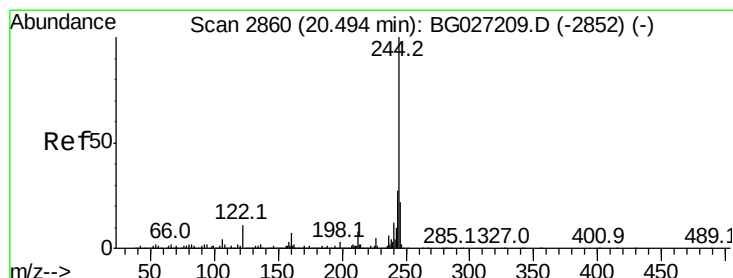
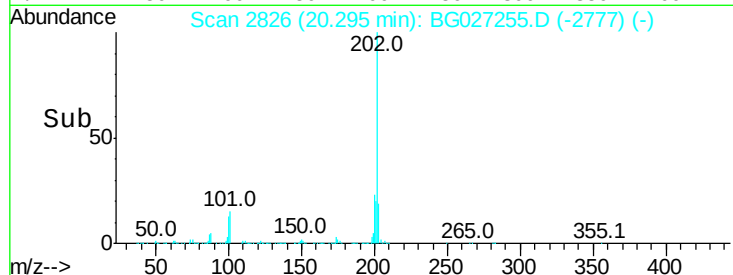
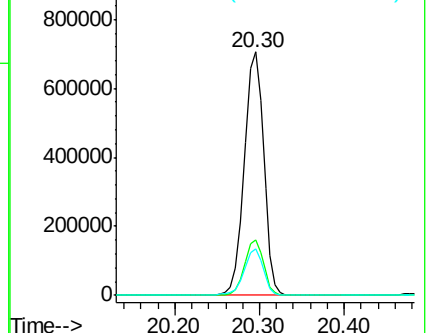
203 19.2 15.8 23.8



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: 91.44 ng

RT: 20.48 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

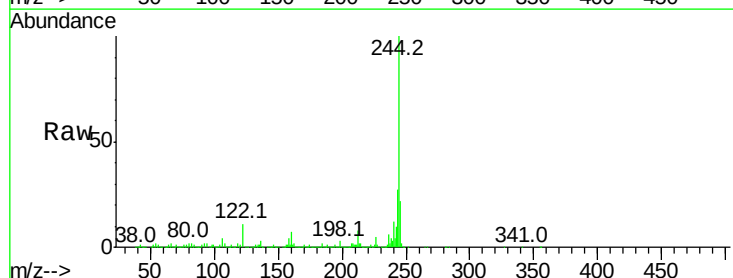
Tgt Ion:244 Resp: 1553118

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

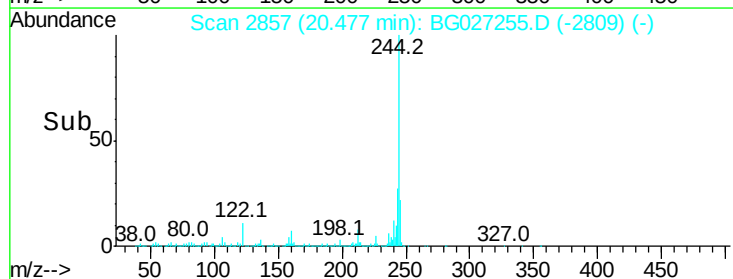
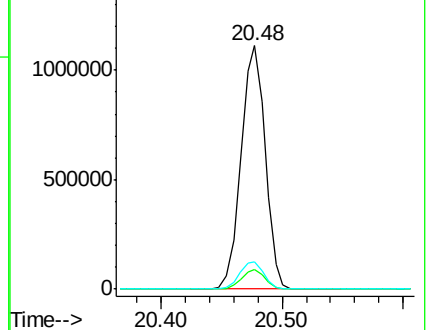
122 11.0 8.6 12.8

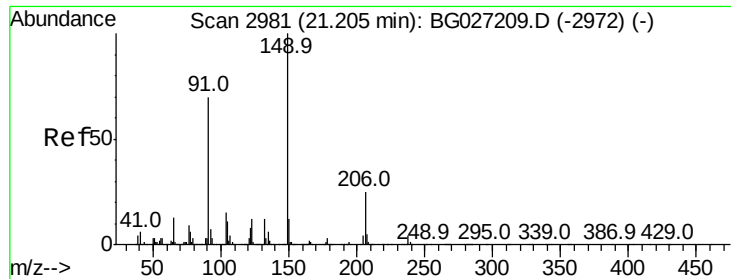


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

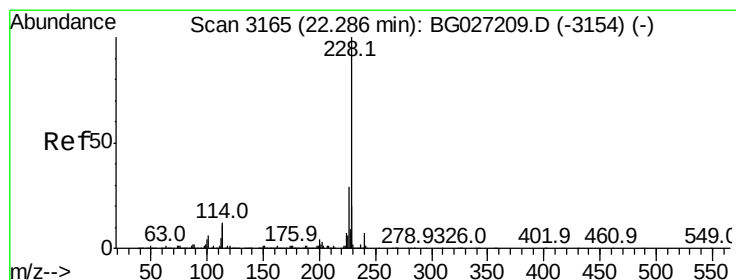
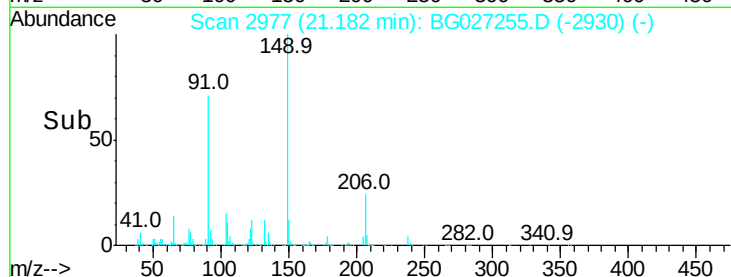
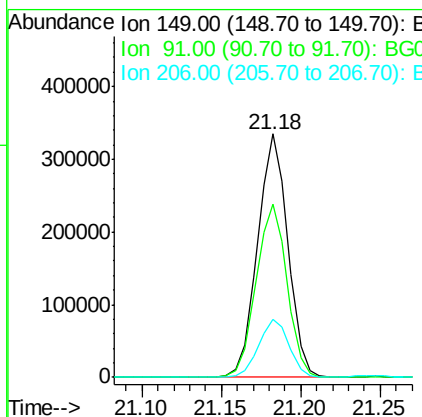
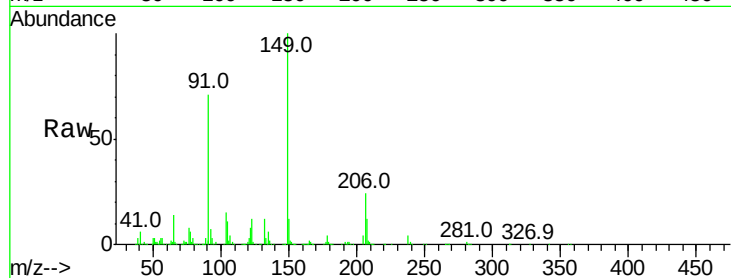




#79
Butylbenzylphthalate
Concen: 47.89 ng
RT: 21.18 min Scan# 2977
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

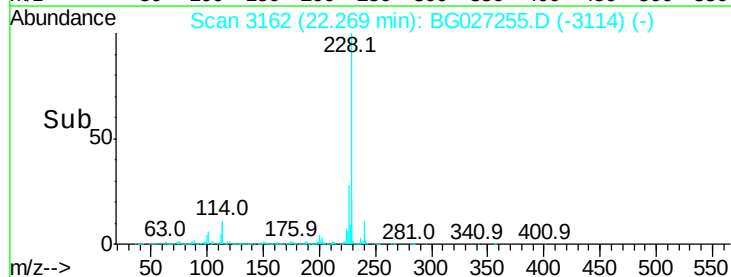
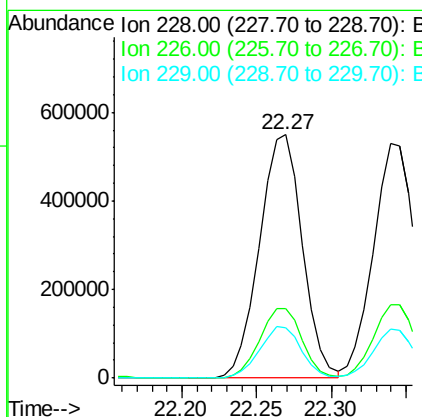
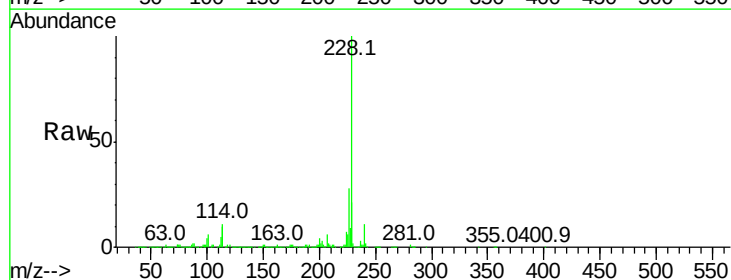
Instrument :
BNA_G
ClientSampleId :

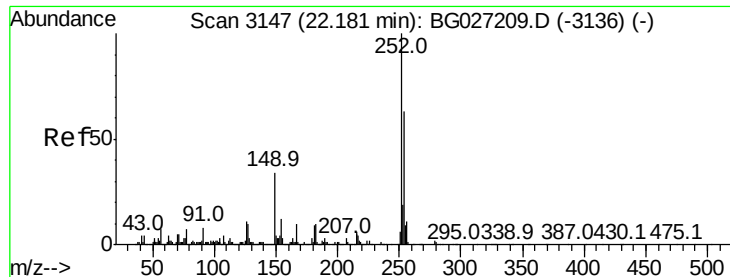
Tot Ion:149 Resp: 443032
Ion Ratio Lower Upper
149 100
91 71.0 63.5 95.3
206 23.8 21.0 31.6



#80
Benzo(a)anthracene
Concen: 44.34 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.02 min
Lab File: BG027255.D
Acq: 6 Jun 2017 18:51

Tgt Ion:228 Resp: 1095754
Ion Ratio Lower Upper
228 100
226 28.4 24.9 37.3
229 20.5 18.2 27.2

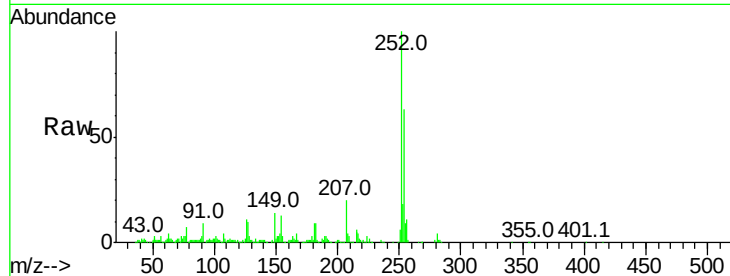




#81
 3,3'-Dichlorobenzidine
 Concen: 28.71 ng
 RT: 22.16 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	53.1	79.7
126	10.6	7.0	10.4

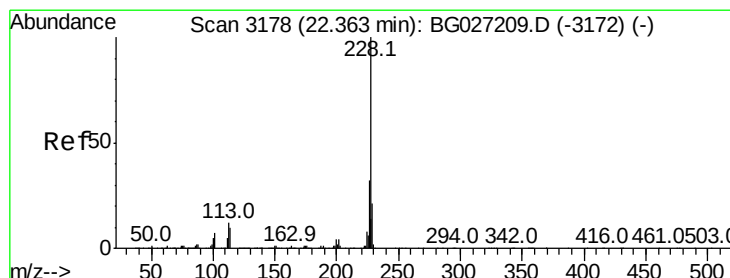
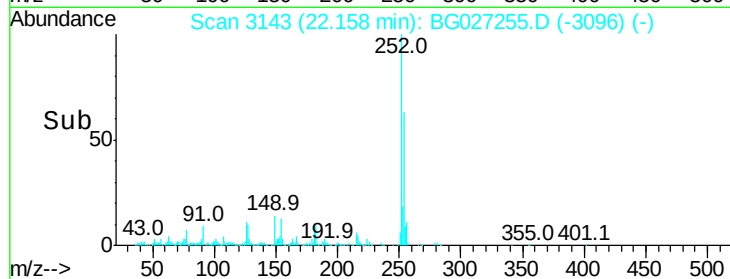
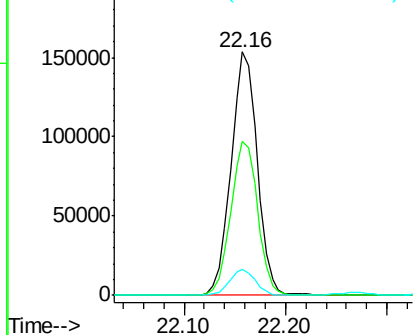


Abundance

Ion 252.00 (251.70 to 252.70): E

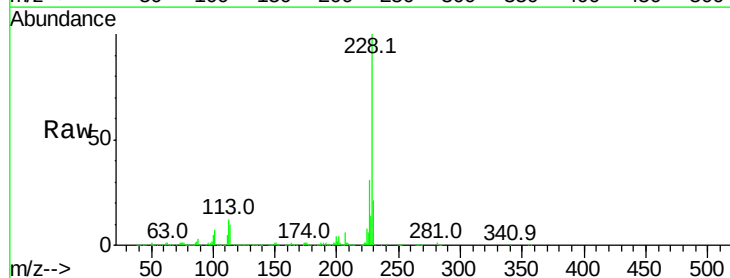
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 43.20 ng
 RT: 22.34 min Scan# 3174
 Delta R.T. -0.02 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	27.0	40.4
229	20.9	17.8	26.6

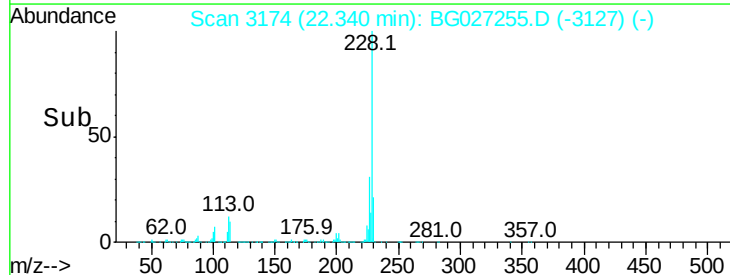
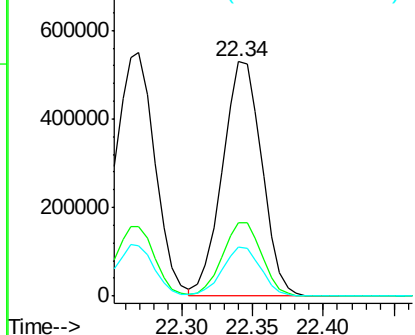


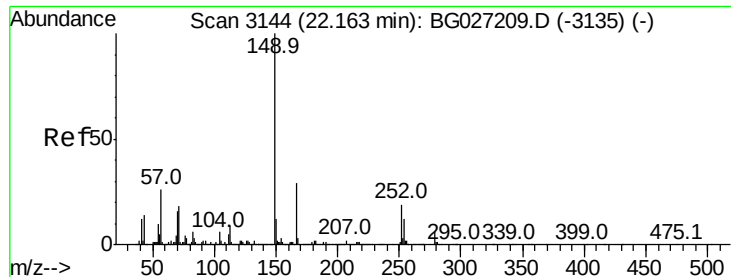
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.19 ng

RT: 22.13 min Scan# 3139

Delta R.T. -0.03 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

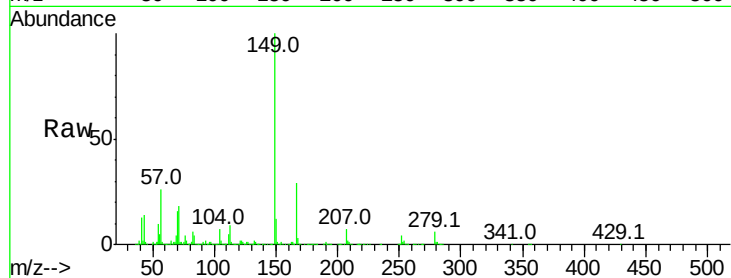
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 645749

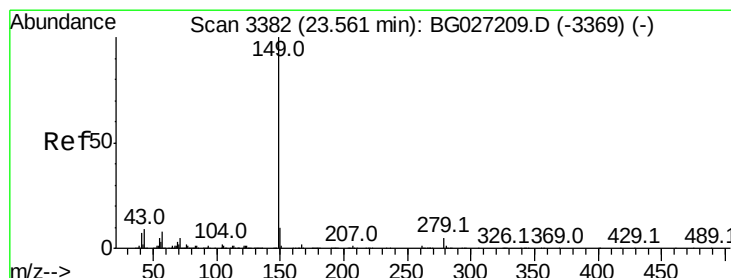
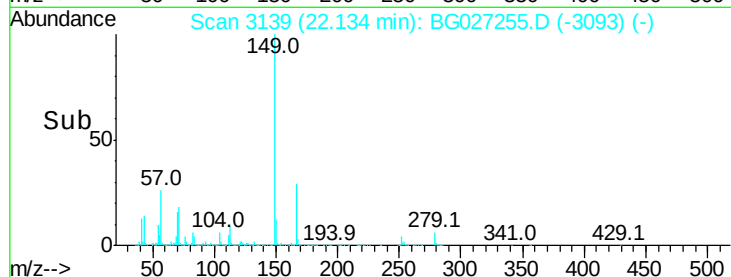
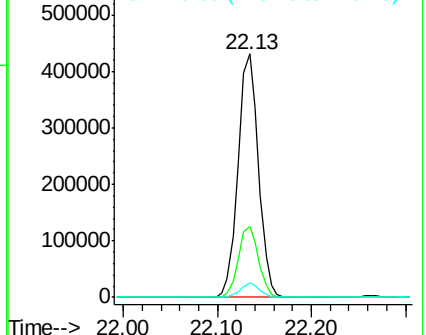
Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.7	35.5
279	5.7	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.93 ng

RT: 23.52 min Scan# 3375

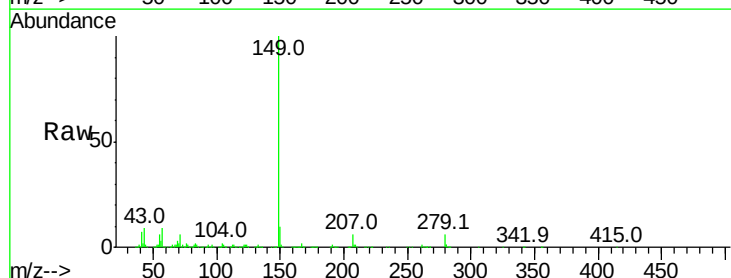
Delta R.T. -0.04 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Tgt Ion:149 Resp: 1109661

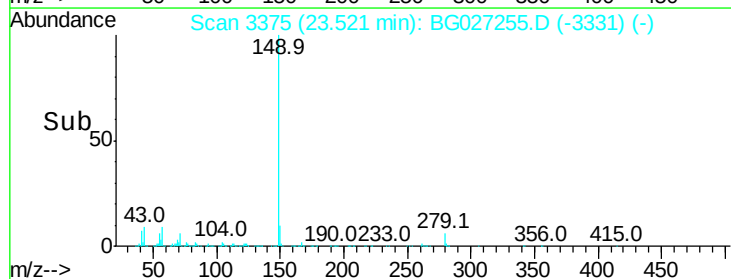
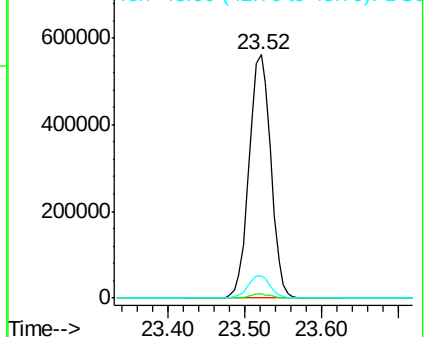
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.2	11.8	17.6

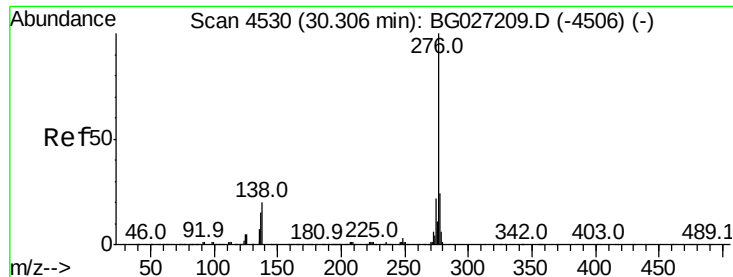


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

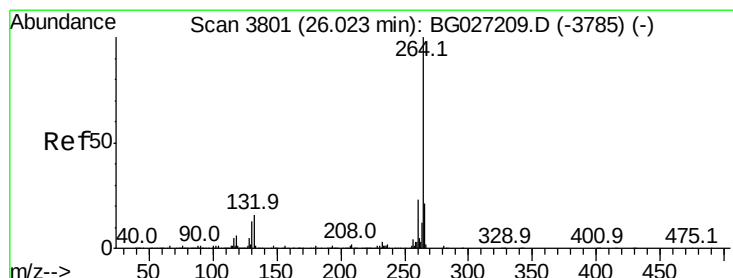
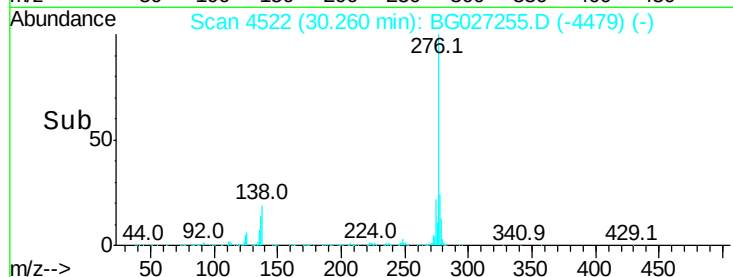
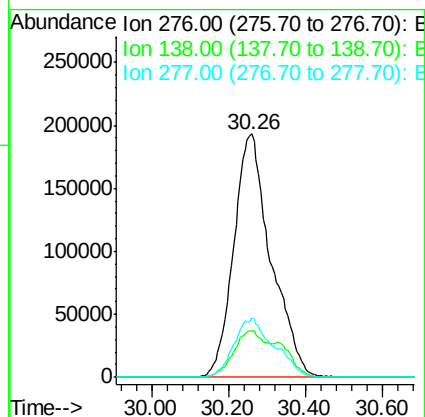
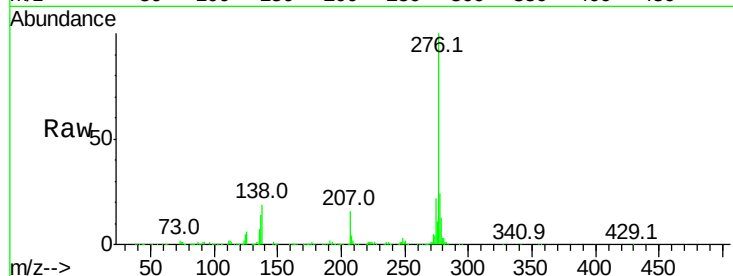




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.35 ng
 RT: 30.26 min Scan# 4522
 Delta R.T. -0.05 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

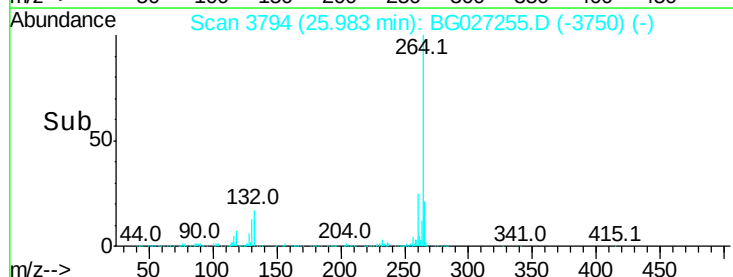
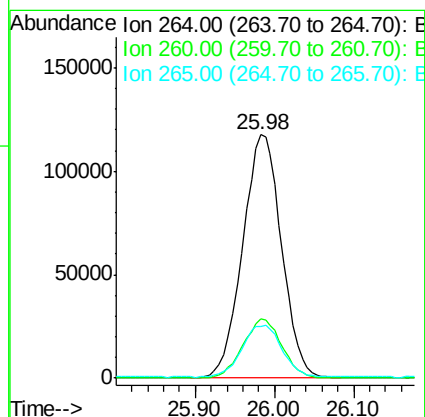
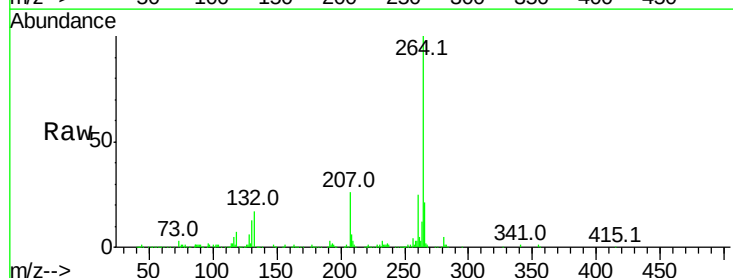
Instrument :
 BNA_G
 ClientSampleId :

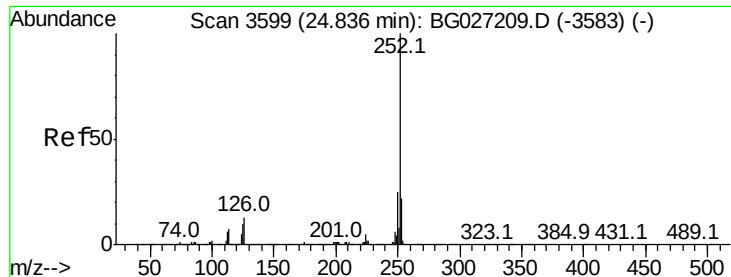
Tot Ion:276 Resp: 1302966
 Ion Ratio Lower Upper
 276 100
 138 17.0 4.7 7.1#
 277 26.1 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.98 min Scan# 3794
 Delta R.T. -0.04 min
 Lab File: BG027255.D
 Acq: 6 Jun 2017 18:51

Tgt Ion:264 Resp: 400387
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.8 32.8
 265 21.4 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 44.87 ng

RT: 24.80 min Scan# 3593

Delta R.T. -0.03 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

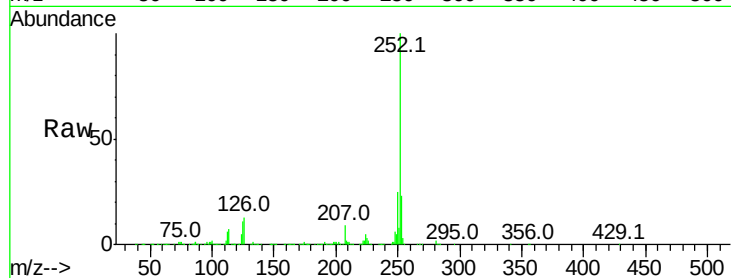
Tot Ion:252 Resp: 1114282

Ion Ratio Lower Upper

252 100

253 22.7 18.7 28.1

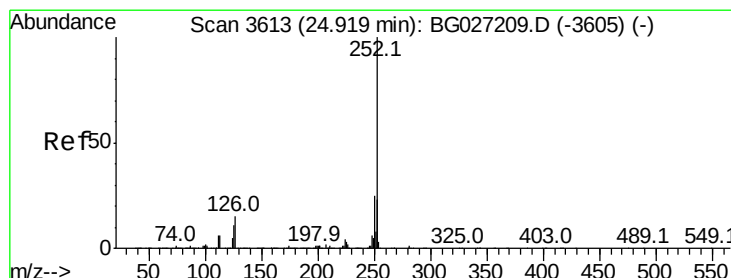
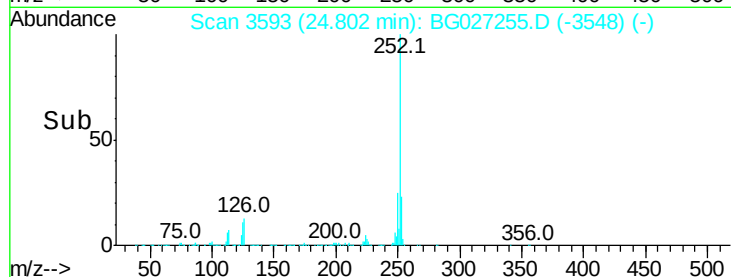
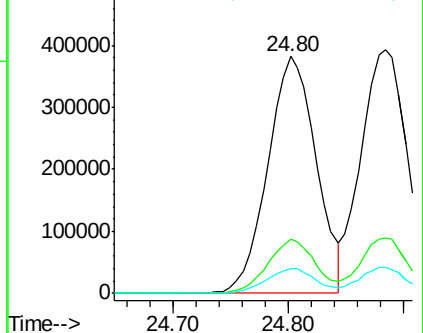
125 10.6 5.3 7.9#



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: 45.00 ng

RT: 24.88 min Scan# 3607

Delta R.T. -0.03 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

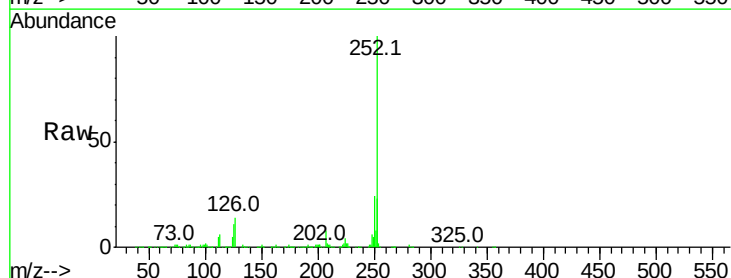
Tgt Ion:252 Resp: 1096270

Ion Ratio Lower Upper

252 100

253 22.6 20.2 30.2

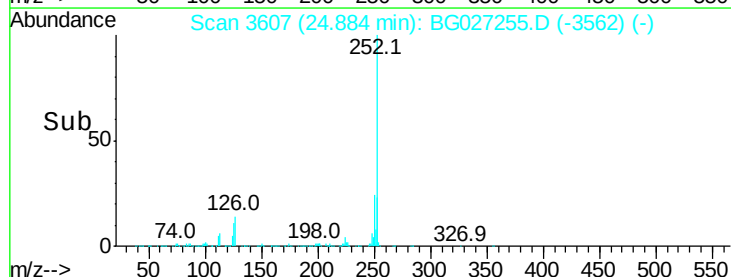
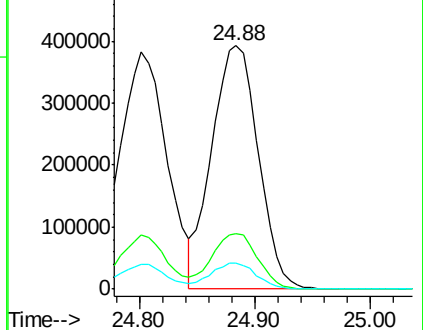
125 10.6 5.1 7.7#

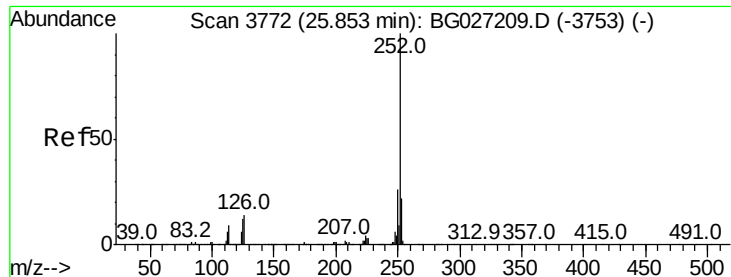


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.75 ng

RT: 25.81 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

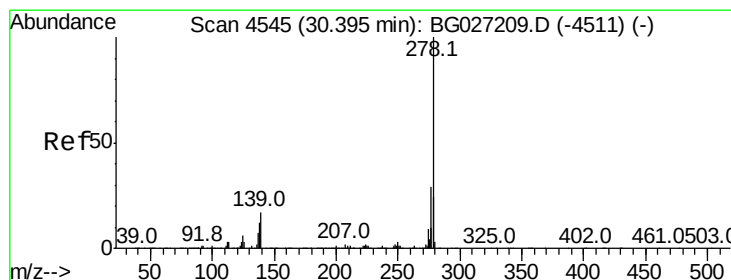
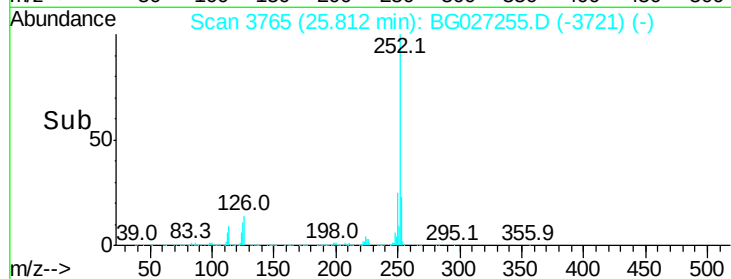
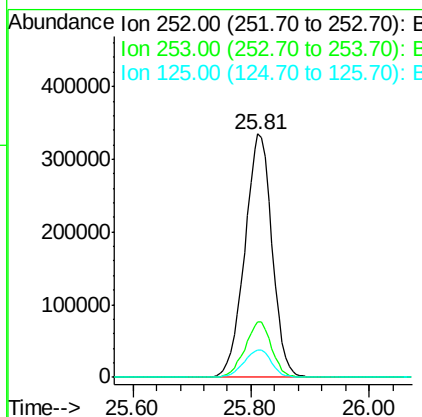
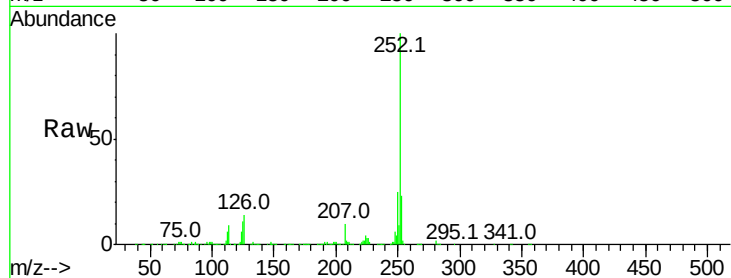
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1069470

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	11.5	5.4	8.0#



#90

Dibenzo(a,h)anthracene

Concen: 45.62 ng

RT: 30.34 min Scan# 4535

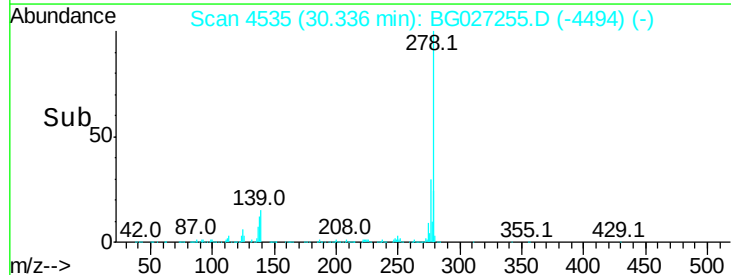
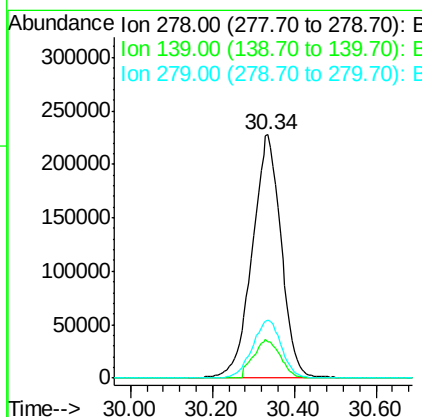
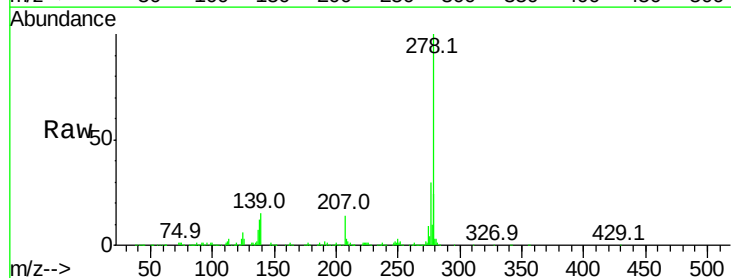
Delta R.T. -0.06 min

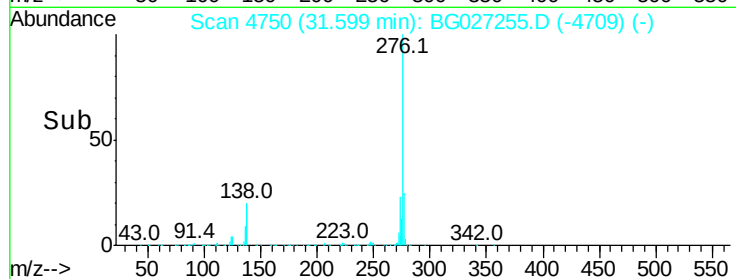
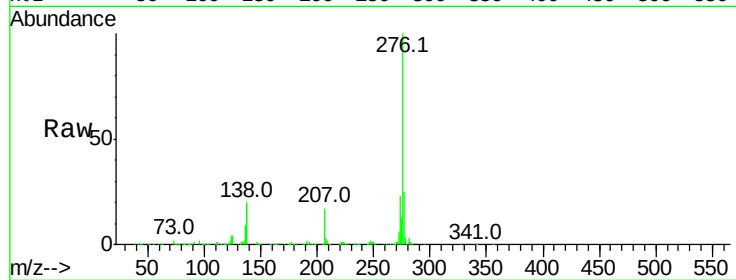
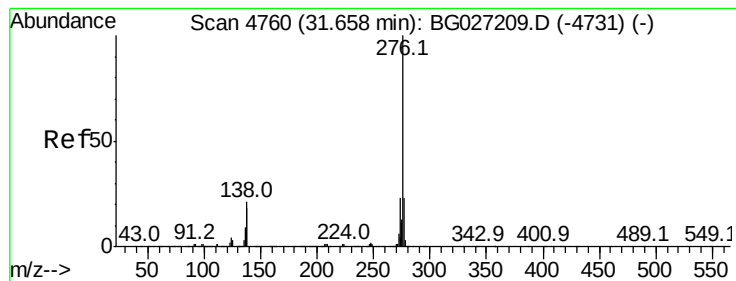
Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Tgt Ion:278 Resp: 1116307

Ion	Ratio	Lower	Upper
278	100		
139	14.9	7.7	11.5#
279	24.1	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 44.86 ng

RT: 31.60 min Scan# 4750

Delta R.T. -0.06 min

Lab File: BG027255.D

Acq: 6 Jun 2017 18:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1063199

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	27.8
138	20.5	8.1	12.1

