

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027678.D
 Acq On : 26 Jun 2017 17:11
 Operator : SJ/JU
 Sample : PB100146BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:27:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	18370	20.00	ng	-0.02
21) Naphthalene-d8	11.31	136	82142	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	50462	20.00	ng	-0.02
63) Phenanthrene-d10	17.83	188	130730	20.00	ng	-0.02
75) Chrysene-d12	22.19	240	156202	20.00	ng	-0.03
86) Perylene-d12	25.81	264	145740	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.08	112	172253	133.45	ng	-0.01
7) Phenol-d6	7.63	99	234728	122.84	ng	-0.01
23) Nitrobenzene-d5	9.65	82	149377	86.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	118450	157.45	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	345955	93.65	ng	-0.02
78) Terphenyl-d14	20.40	244	619587	93.46	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.07	88	16975	33.87	ng	93
3) Pyridine	4.46	79	50675	31.24	ng	# 84
4) n-Nitrosodimethylamine	4.37	42	32552	43.97	ng	# 94
6) Aniline	7.82	93	67715	29.04	ng	97
8) 2-Chlorophenol	8.06	128	57579	42.16	ng	91
9) Benzaldehyde	7.63	77	32203	24.80	ng	92
10) Phenol	7.66	94	76562	39.33	ng	98
11) bis(2-Chloroethyl)ether	7.90	93	51236	33.63	ng	94
12) 1,3-Dichlorobenzene	8.38	146	55976	38.83	ng	98
13) 1,4-Dichlorobenzene	8.53	146	57564	39.55	ng	96
14) 1,2-Dichlorobenzene	8.85	146	54793	38.31	ng	96
15) Benzyl Alcohol	8.71	79	62521	40.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	9.00	45	69971	27.68	ng	85
17) 2-Methylphenol	8.91	107	51406	37.53	ng	97
18) Hexachloroethane	9.58	117	22148	38.80	ng	87
19) n-Nitroso-di-n-propylamine	9.28	70	49150	32.38	ng	# 85
20) 3+4-Methylphenols	9.23	107	71170	37.95	ng	96
22) Acetophenone	9.31	105	89185	39.59	ng	# 90
24) Nitrobenzene	9.70	77	73223	38.48	ng	95
25) Isophorone	10.21	82	132911	37.27	ng	98
26) 2-Nitrophenol	10.41	139	29036	41.26	ng	97
27) 2,4-Dimethylphenol	10.45	122	59376	44.67	ng	97
28) bis(2-Chloroethoxy)methane	10.68	93	73789	36.71	ng	97
29) 2,4-Dichlorophenol	10.94	162	55068	47.97	ng	96
30) 1,2,4-Trichlorobenzene	11.16	180	57107	43.51	ng	97
31) Naphthalene	11.36	128	173192	39.01	ng	100
32) Benzoic acid	10.56	122	25671	30.54	ng	93
33) 4-Chloroaniline	11.46	127	36184	19.22	ng	91
34) Hexachlorobutadiene	11.63	225	38423	48.44	ng	96
35) Caprolactam	12.23	113	9859	18.43	ng	# 77
36) 4-Chloro-3-methylphenol	12.54	107	77244	43.87	ng	97
37) 2-Methylnaphthalene	12.92	142	131976	40.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	72626	45.90	ng	96
40) Hexachlorocyclopentadiene	13.26	237	97765	115.26	ng	95

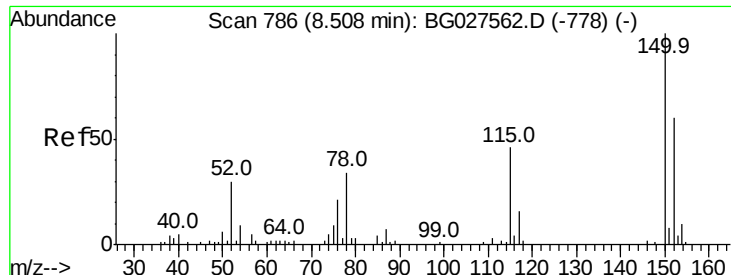
Data Path : Z:\HPCHEM1\BNA G\DATA\BG062617\
 Data File : BG027678.D
 Acq On : 26 Jun 2017 17:11
 Operator : SJ/JU
 Sample : PB100146BS
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 ClientSampleId :

Quant Time: Jun 27 01:27:03 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	49290	48.20	ng	95
43) 2,4,5-Trichlorophenol	13.59	196	53591	44.60	ng	98
45) 1,1'-Biphenyl	13.91	154	177135	42.10	ng	98
46) 2-Chloronaphthalene	13.96	162	132164	42.23	ng	95
47) 2-Nitroaniline	14.16	65	54259	38.62	ng	91
48) Acenaphthylene	14.80	152	213577	38.95	ng	97
49) Dimethylphthalate	14.51	163	187743	42.49	ng	97
50) 2,6-Dinitrotoluene	14.64	165	40450	42.19	ng	94
51) Acenaphthene	15.14	154	139842	36.60	ng	98
52) 3-Nitroaniline	14.98	138	25003	24.71	ng	93
53) 2,4-Dinitrophenol	15.18	184	35951	66.34	ng	92
54) Dibenzofuran	15.47	168	217508	43.71	ng	99
55) 4-Nitrophenol	15.27	139	65659	77.49	ng	# 83
56) 2,4-Dinitrotoluene	15.42	165	57804	42.52	ng	# 98
57) Fluorene	16.12	166	187216	39.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.69	232	52158	49.29	ng	92
59) Diethylphthalate	15.87	149	204592	42.44	ng	95
60) 4-Chlorophenyl-phenylether	16.10	204	99046	42.70	ng	97
61) 4-Nitroaniline	16.14	138	45571	41.04	ng	91
62) Azobenzene	16.39	77	200519	40.56	ng	98
64) 4,6-Dinitro-2-methylphenol	16.19	198	32226	38.82	ng	83
65) n-Nitrosodiphenylamine	16.31	169	165361	41.26	ng	98
66) 4-Bromophenyl-phenylether	17.00	248	64821	45.08	ng	89
67) Hexachlorobenzene	17.13	284	69004	44.91	ng	97
68) Atrazine	17.25	200	65290	44.47	ng	96
69) Pentachlorophenol	17.47	266	80577	84.42	ng	95
70) Phenanthrene	17.87	178	304479	40.94	ng	94
71) Anthracene	17.96	178	310056	41.41	ng	97
72) Carbazole	18.23	167	267681	36.69	ng	96
73) Di-n-butylphthalate	18.74	149	338244	41.38	ng	# 95
74) Fluoranthene	19.86	202	369528	42.65	ng	93
76) Benzidine	20.02	184	167871	43.79	ng	98
77) Pyrene	20.22	202	377302	39.74	ng	95
79) Butylbenzylphthalate	21.09	149	157079	39.64	ng	95
80) Benzo(a)anthracene	22.16	228	378776	40.42	ng	93
81) 3,3'-Dichlorobenzidine	22.06	252	83240	24.57	ng	99
82) Chrysene	22.24	228	350615	39.48	ng	94
83) Bis(2-ethylhexyl)phthalate	22.02	149	224764	38.69	ng	98
84) Di-n-octyl phthalate	23.36	149	382727	39.61	ng	# 90
85) Indeno(1,2,3-cd)pyrene	29.97	276	439750	43.45	ng	# 95
87) Benzo(b)fluoranthene	24.65	252	387218	41.56	ng	95
88) Benzo(k)fluoranthene	24.73	252	365783	40.12	ng	# 95
89) Benzo(a)pyrene	25.64	252	363428	41.33	ng	# 97
90) Dibenzo(a,h)anthracene	30.05	278	374960	41.86	ng	96
91) Benzo(g,h,i)perylene	31.29	276	359300	41.30	ng	# 95

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

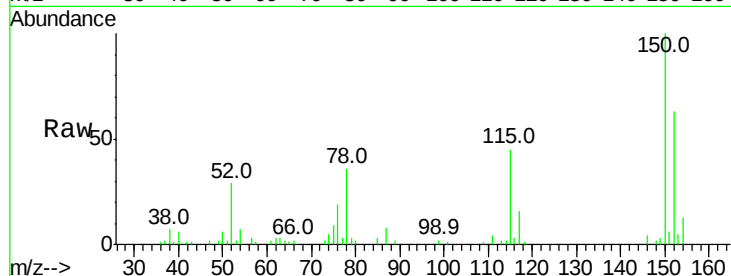


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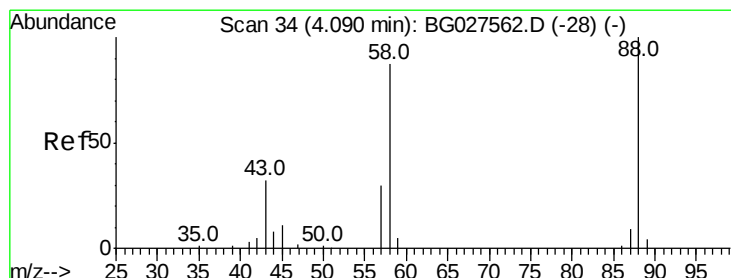
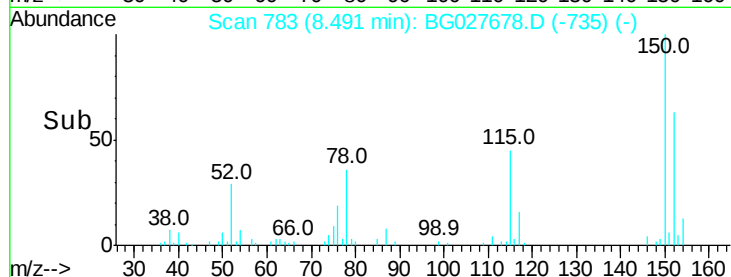
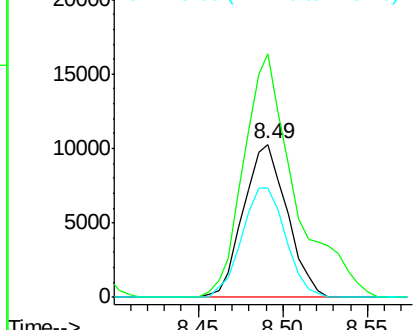
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18370
Ion Ratio Lower Upper
152 100
150 159.4 114.0 171.0
115 71.8 48.1 72.1



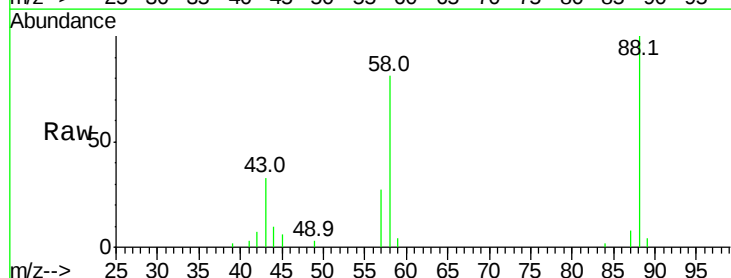
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



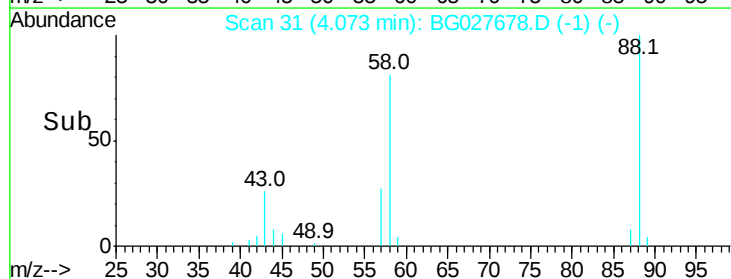
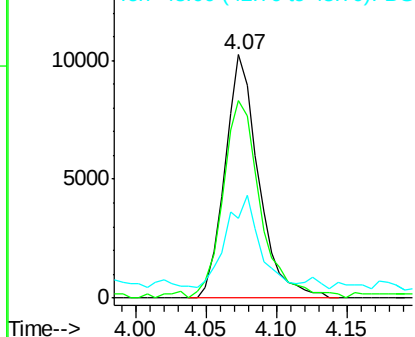
#2

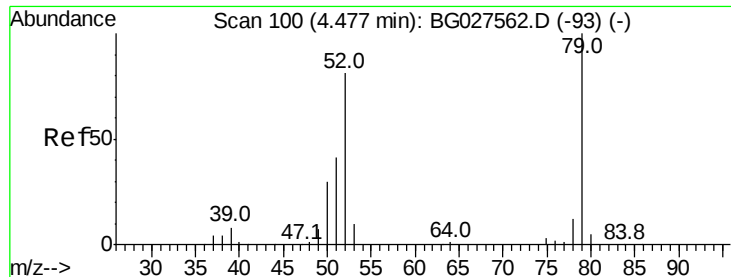
1,4-Dioxane
Concen: 33.87 ng
RT: 4.07 min Scan# 31
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion: 88 Resp: 16975
Ion Ratio Lower Upper
88 100
58 92.2 79.4 119.2
43 38.3 33.8 50.6



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.24 ng

RT: 4.46 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

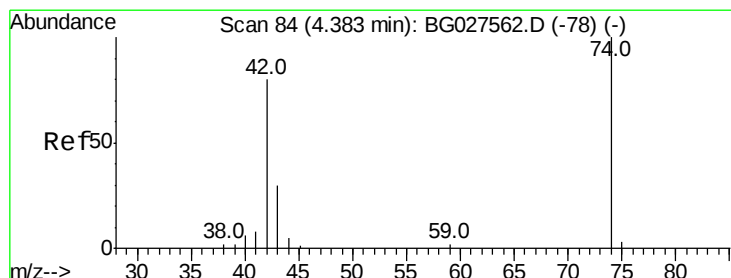
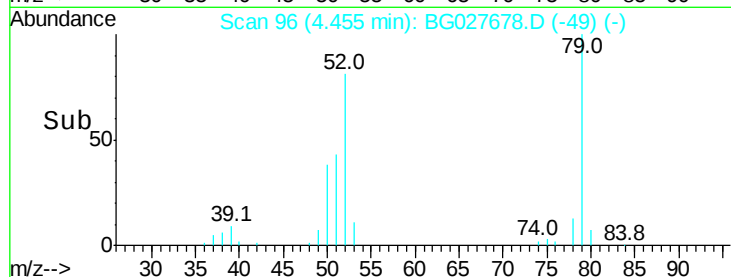
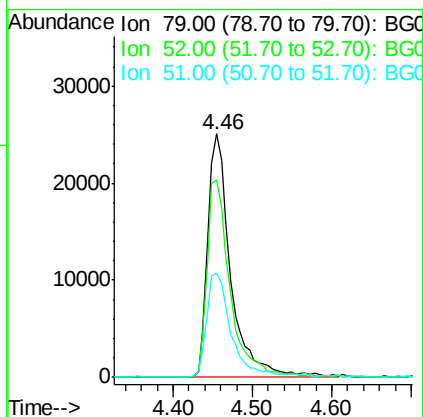
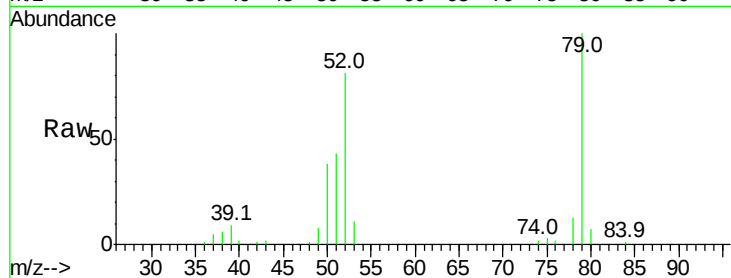
Tot Ion: 79 Resp: 50675

Ion Ratio Lower Upper

79 100

52 80.9 77.8 116.6

51 42.6 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 43.97 ng

RT: 4.37 min Scan# 81

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

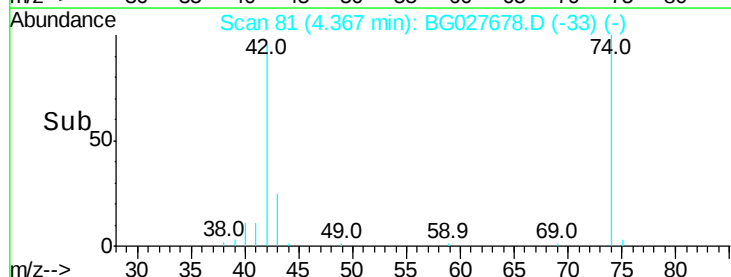
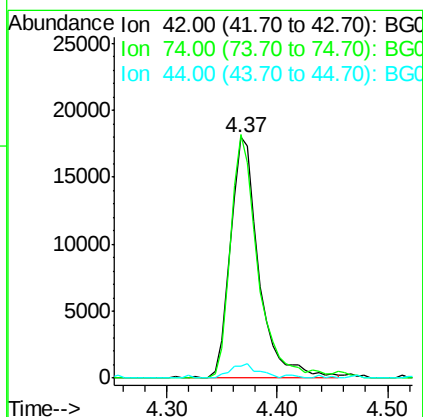
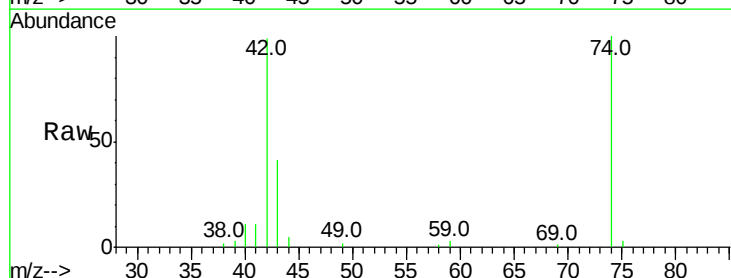
Tgt Ion: 42 Resp: 32552

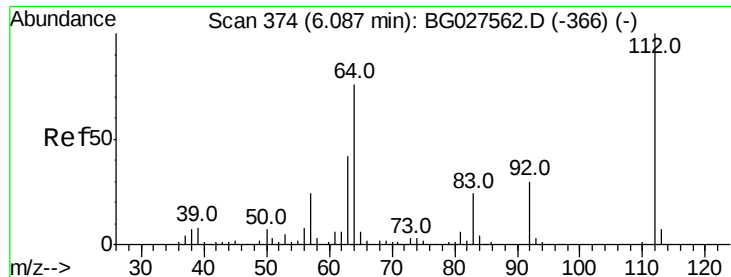
Ion Ratio Lower Upper

42 100

74 101.2 76.7 115.1

44 4.8 6.1 9.1#





#5

2-Fluorophenol

Concen: 133.45 ng

RT: 6.08 min Scan# 372

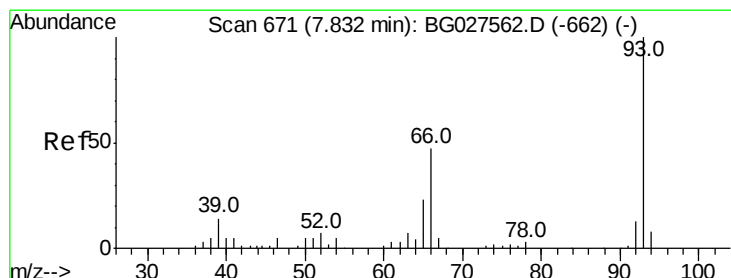
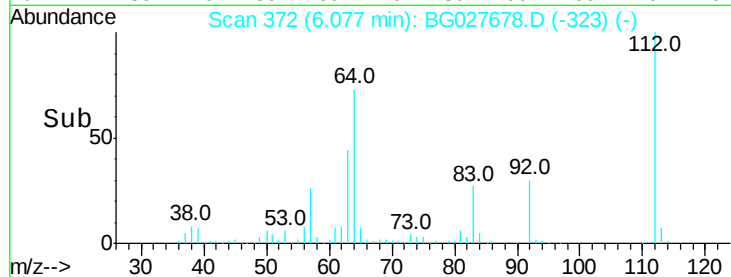
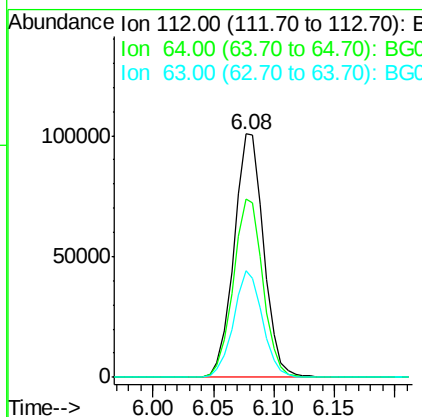
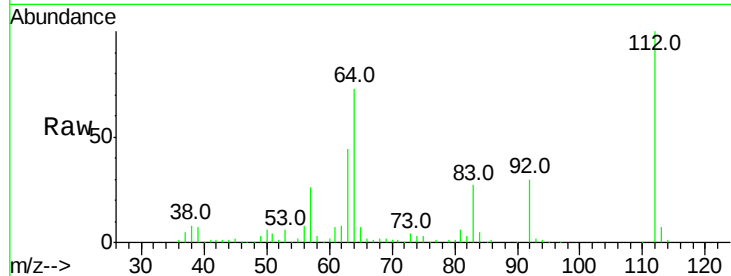
Delta R.T. -0.01 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:	112	Resp:	172253
Ion Ratio	Lower	Upper	
112	100		
64	73.2	61.8	92.6
63	43.7	37.2	55.8



#6

Aniline

Concen: 29.04 ng

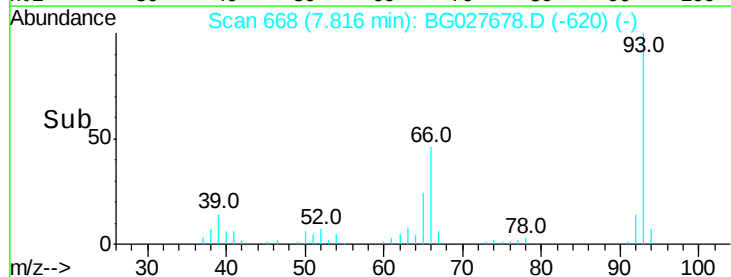
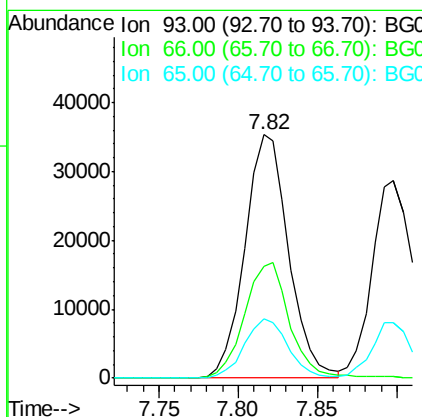
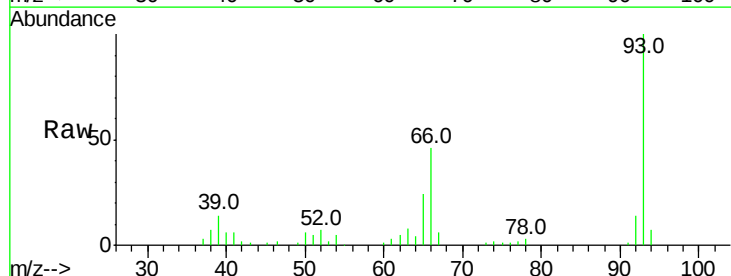
RT: 7.82 min Scan# 668

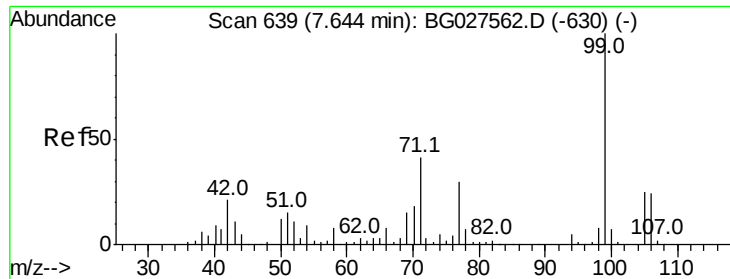
Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Tgt Ion:	93	Resp:	67715
Ion Ratio	Lower	Upper	
93	100		
66	45.7	35.4	53.2
65	24.1	21.2	31.8





#7

Phenol-d6

Concen: 122.84 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

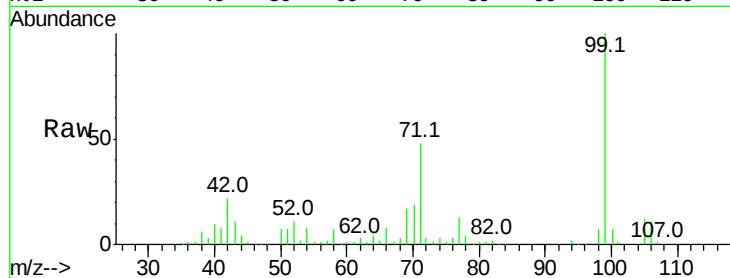
Tot Ion: 99 Resp: 234728

Ion Ratio Lower Upper

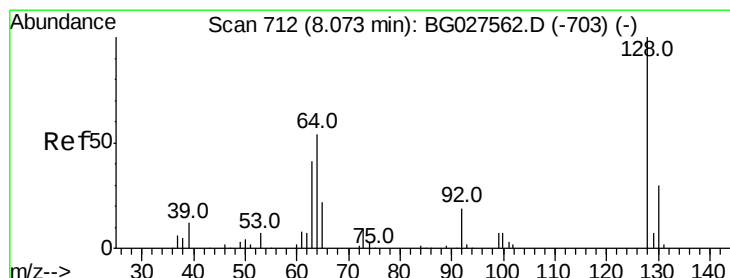
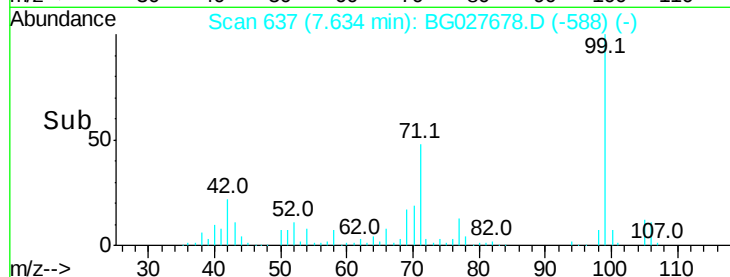
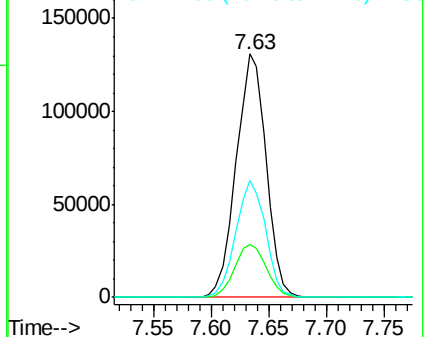
99 100

42 21.8 20.5 30.7

71 48.0 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: 42.16 ng

RT: 8.06 min Scan# 709

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

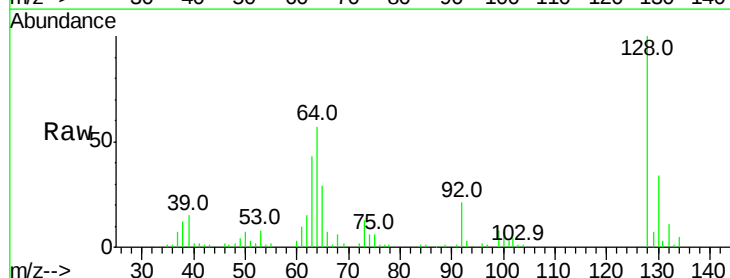
Tgt Ion: 128 Resp: 57579

Ion Ratio Lower Upper

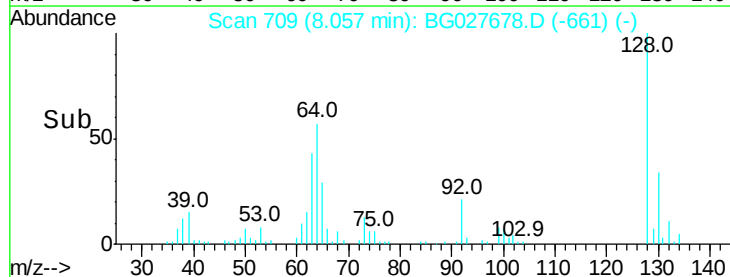
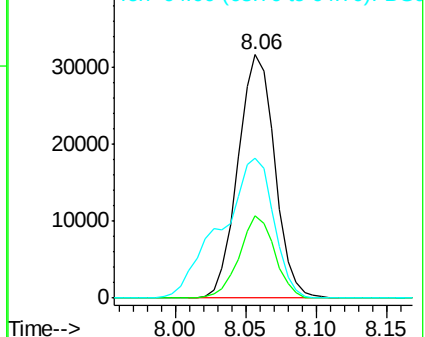
128 100

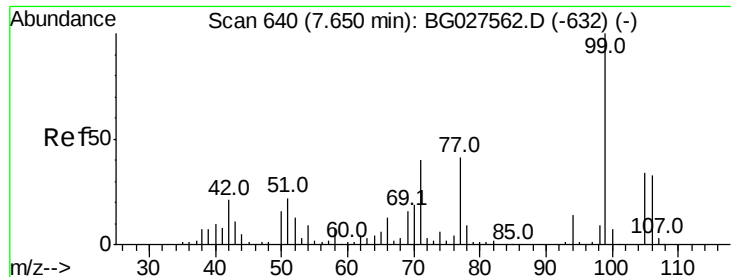
130 34.1 11.4 51.4

64 57.4 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: 24.80 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

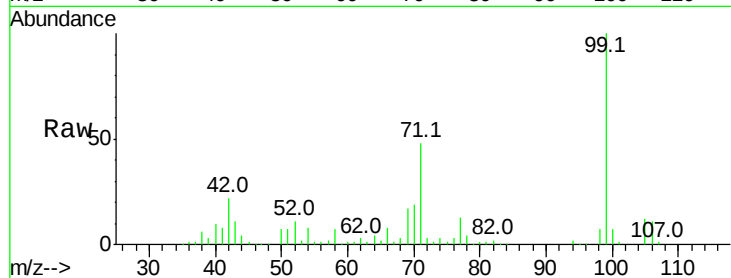
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 32203

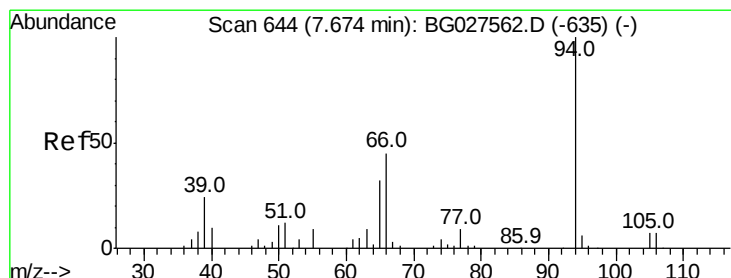
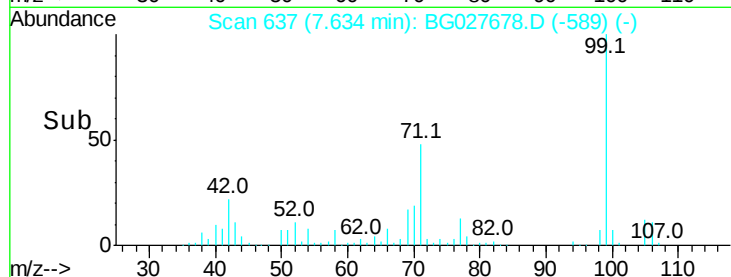
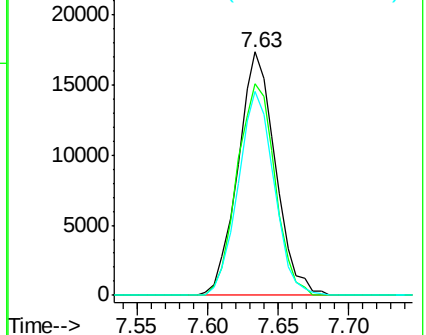
Ion	Ratio	Lower	Upper
77	100		
105	86.9	60.9	100.9
106	83.6	55.1	95.1



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: 39.33 ng

RT: 7.66 min Scan# 642

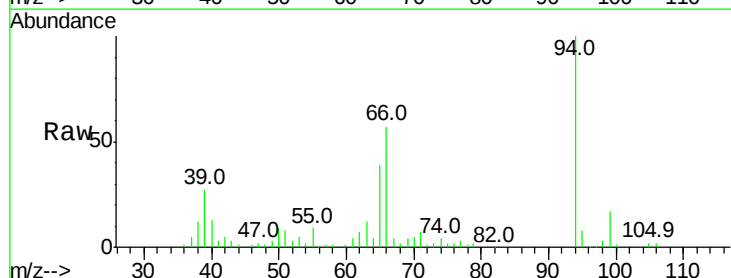
Delta R.T. -0.01 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Tgt Ion: 94 Resp: 76562

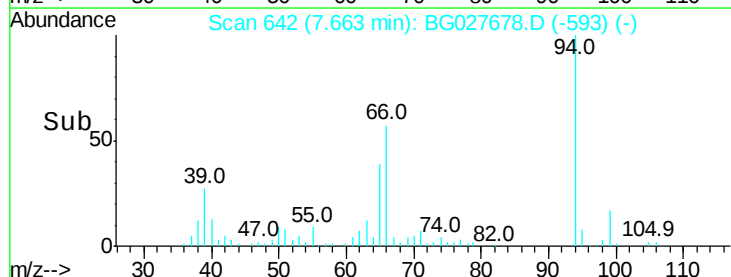
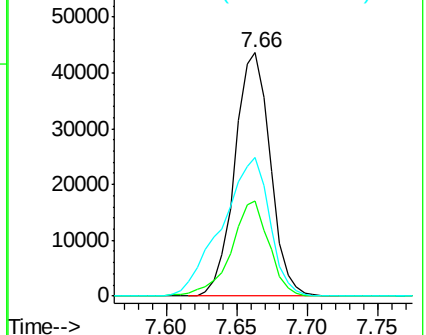
Ion	Ratio	Lower	Upper
94	100		
65	39.1	20.6	60.6
66	56.8	35.5	75.5

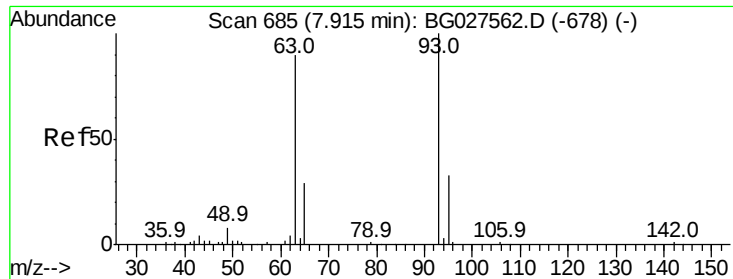


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 33.63 ng

RT: 7.90 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

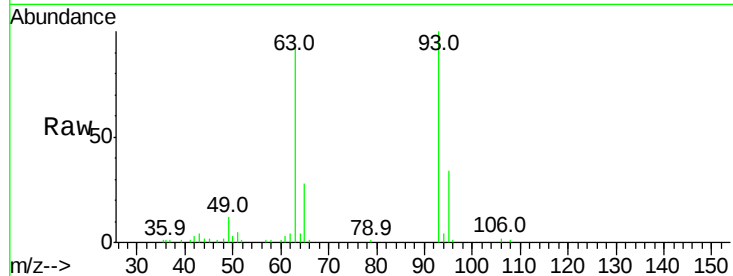
Tot Ion: 93 Resp: 51236

Ion Ratio Lower Upper

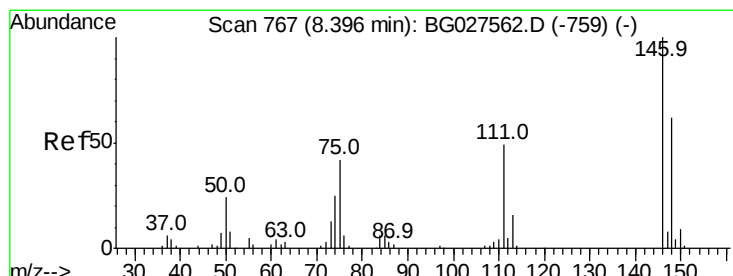
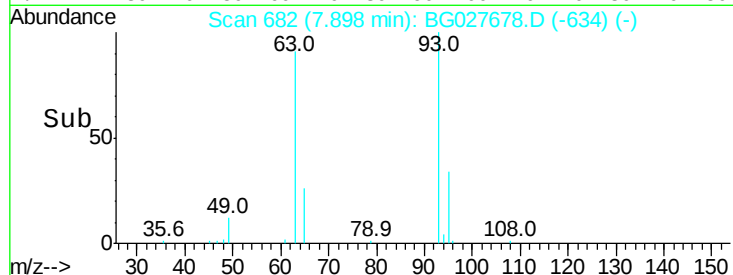
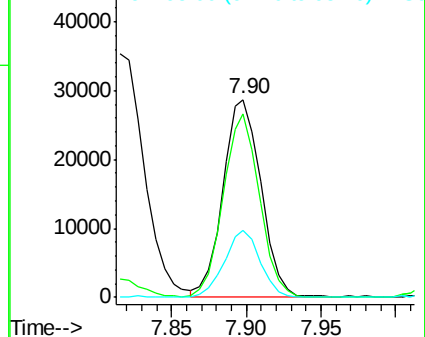
93 100

63 92.8 78.5 118.5

95 33.9 9.8 49.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.83 ng

RT: 8.38 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

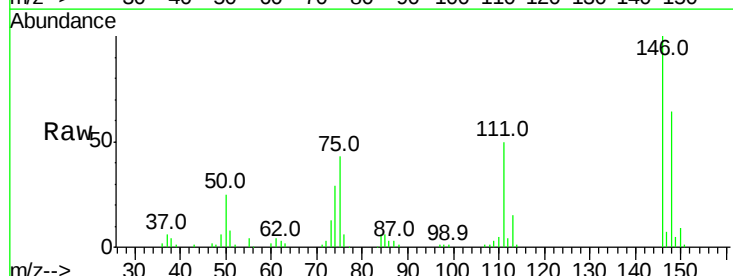
Tgt Ion: 146 Resp: 55976

Ion Ratio Lower Upper

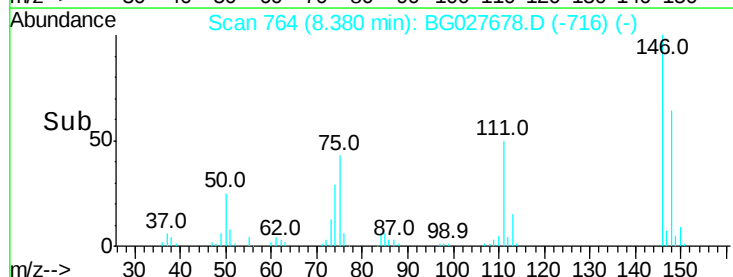
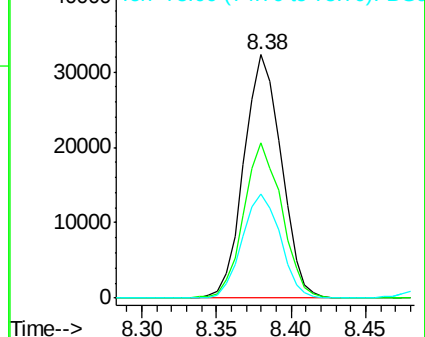
146 100

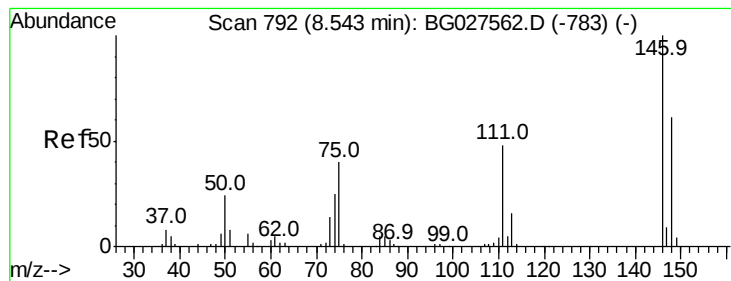
148 63.9 49.2 73.8

75 42.6 33.4 50.2



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 39.55 ng

RT: 8.53 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

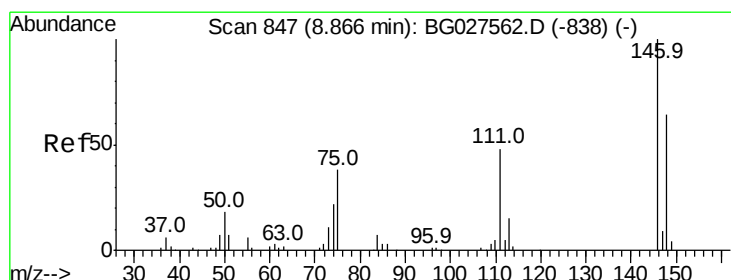
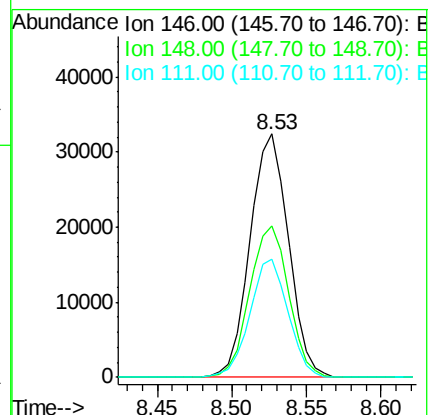
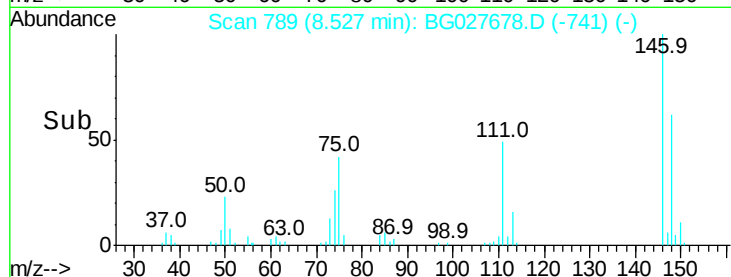
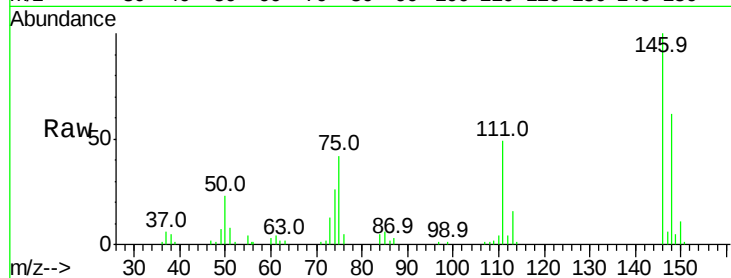
Tot Ion:146 Resp: 57564

Ion Ratio Lower Upper

146 100

148 62.1 52.2 78.2

111 48.5 37.0 55.6



#14

1,2-Dichlorobenzene

Concen: 38.31 ng

RT: 8.85 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

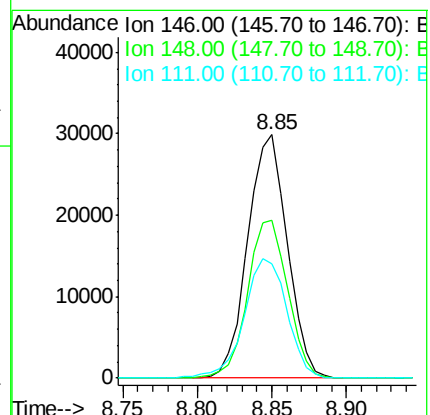
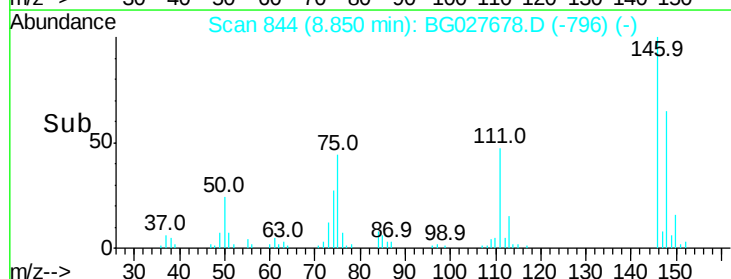
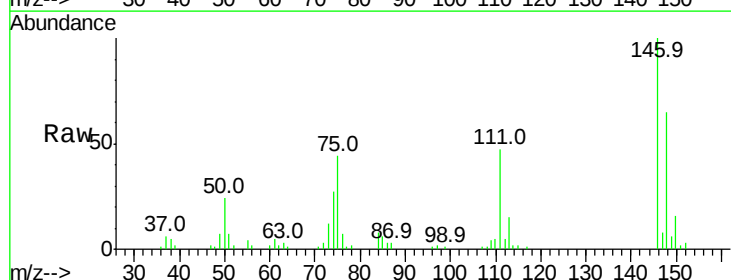
Tgt Ion:146 Resp: 54793

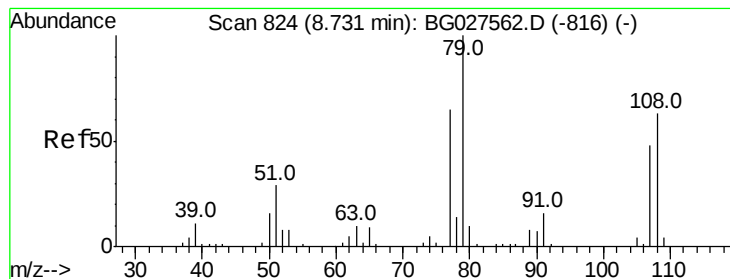
Ion Ratio Lower Upper

146 100

148 65.0 54.6 81.8

111 47.2 39.7 59.5





#15

Benzyl Alcohol

Concen: 40.98 ng

RT: 8.71 min Scan# 821

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampled :

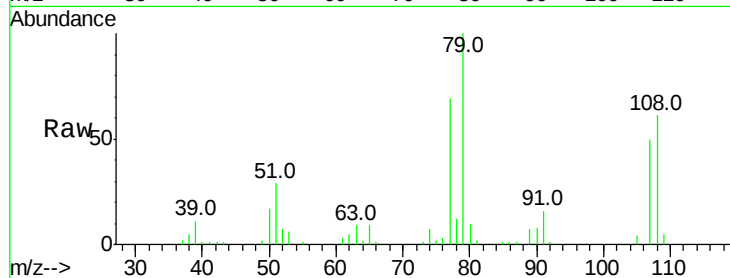
Tot Ion: 79 Resp: 62521

Ion Ratio Lower Upper

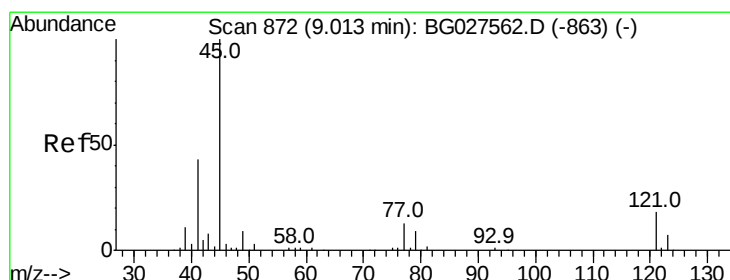
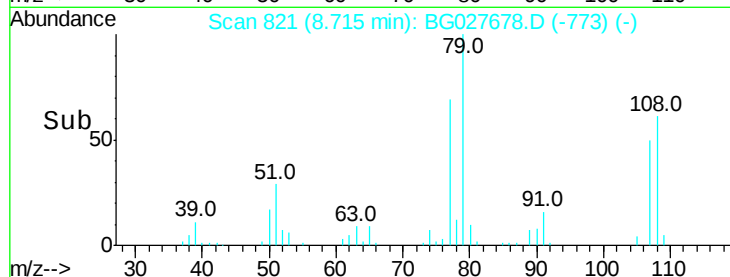
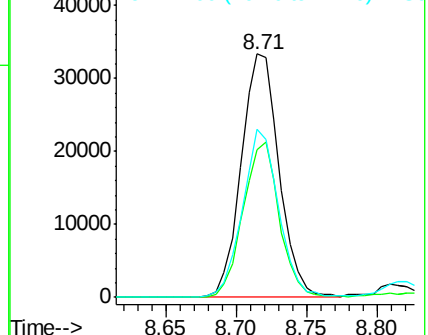
79 100

108 60.9 45.5 68.3

77 69.2 54.3 81.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.68 ng

RT: 9.00 min Scan# 869

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

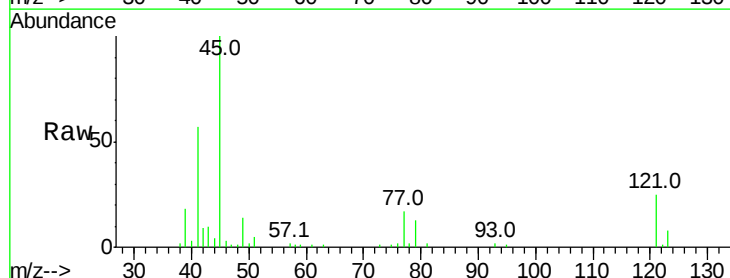
Tgt Ion: 45 Resp: 69971

Ion Ratio Lower Upper

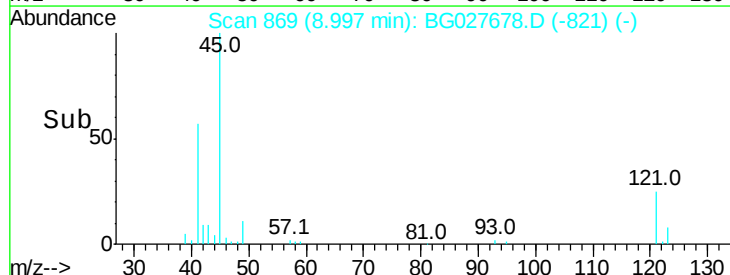
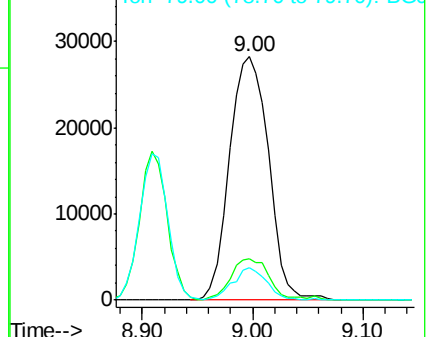
45 100

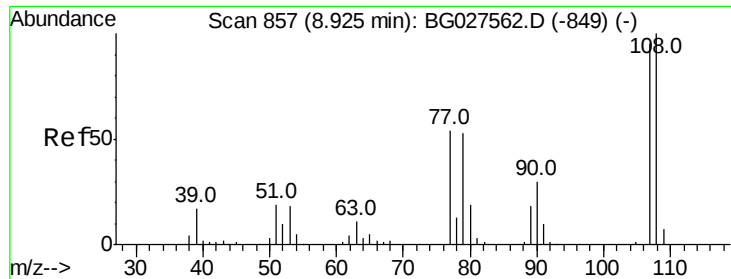
77 16.9 0.0 30.6

79 13.1 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

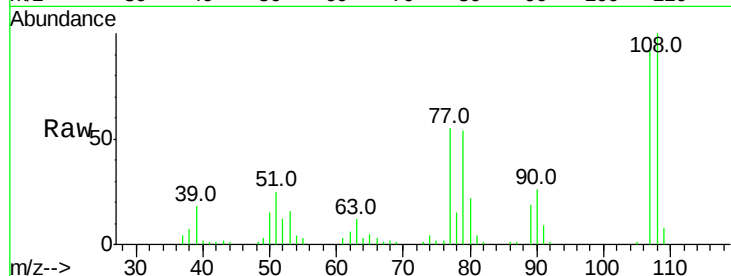




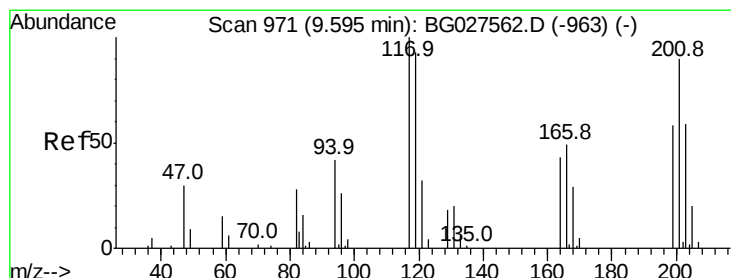
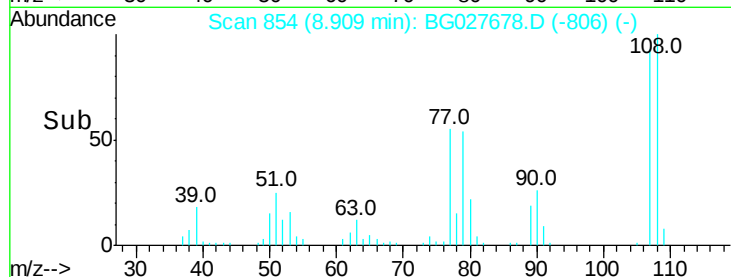
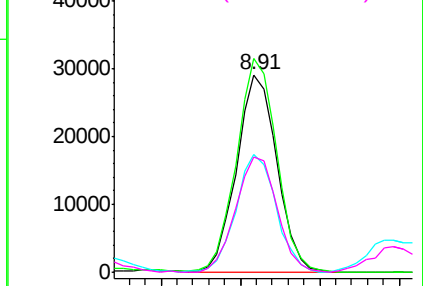
#17
2-Methylphenol
Concen: 37.53 ng
RT: 8.91 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 51406
Ion Ratio Lower Upper
107 100
108 108.1 85.6 128.4
77 59.5 51.4 77.2
79 58.3 49.2 73.8

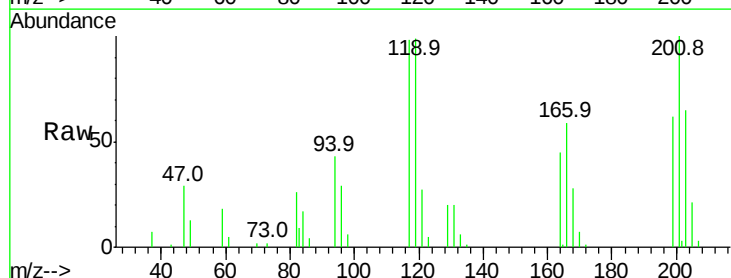


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

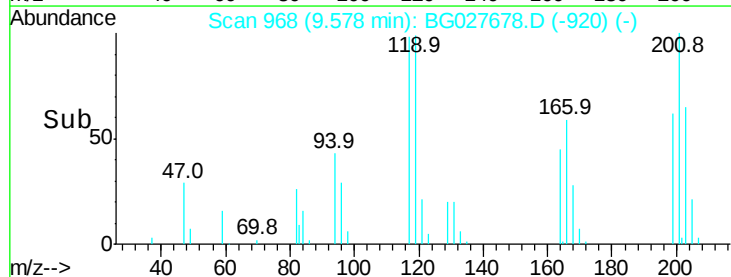
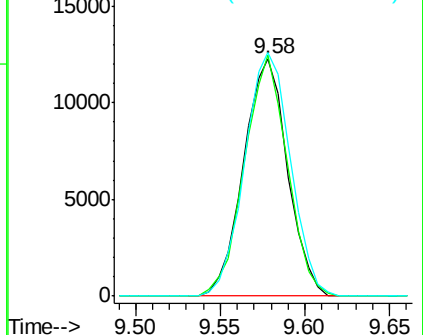


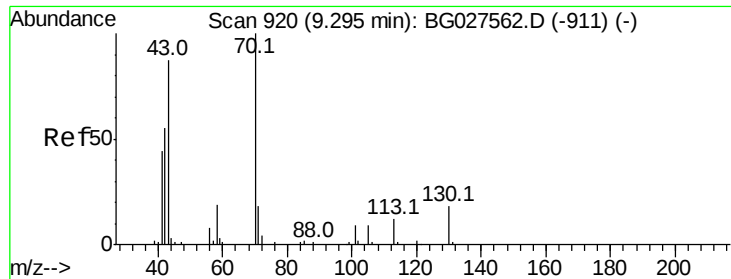
#18
Hexachloroethane
Concen: 38.80 ng
RT: 9.58 min Scan# 968
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:117 Resp: 22148
Ion Ratio Lower Upper
117 100
119 101.3 69.8 104.6
201 105.9 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

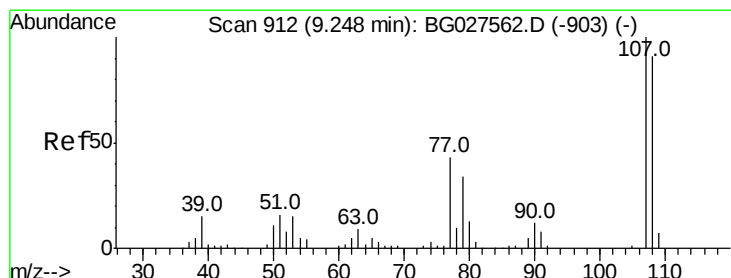
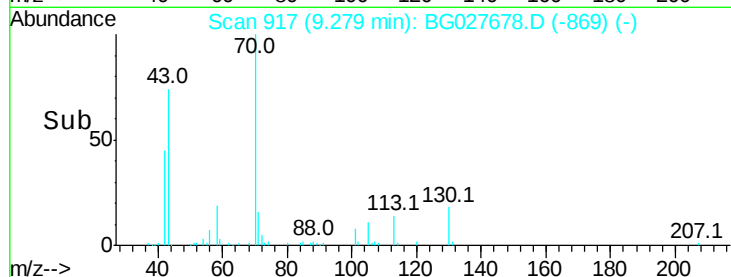
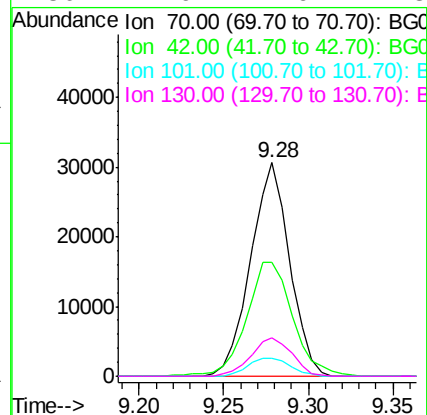
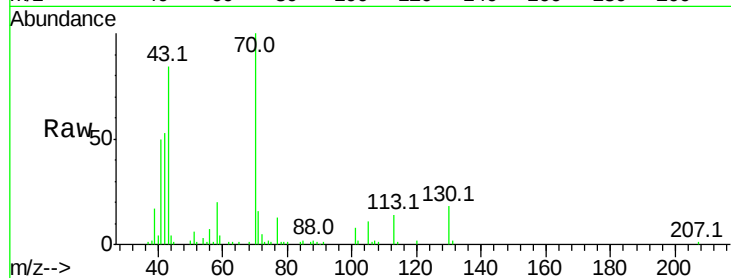




#19
n-Nitroso-di-n-propylamine
Concen: 32.38 ng
RT: 9.28 min Scan# 917
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

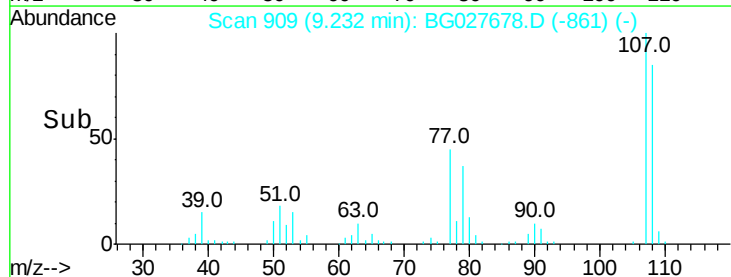
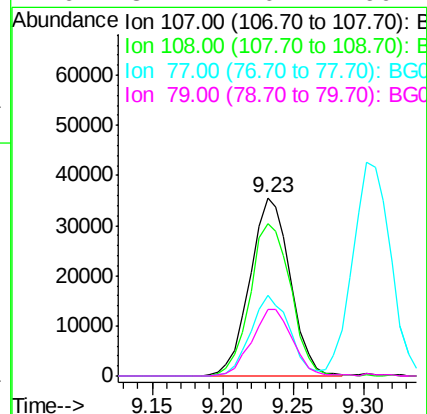
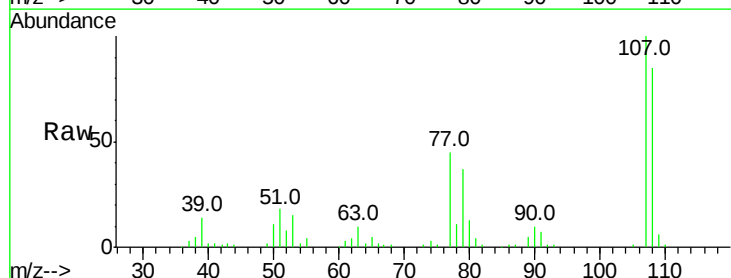
Instrument :
BNA_G
ClientSampleId :

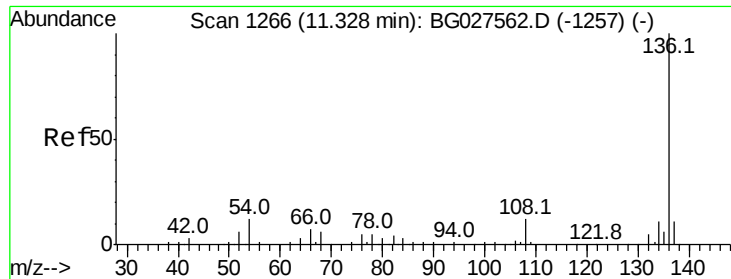
Tot Ion: 70 Resp: 49150
Ion Ratio Lower Upper
70 100
42 53.2 56.1 84.1#
101 8.2 7.5 11.3
130 17.9 14.6 21.8



#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 9.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:107 Resp: 71170
Ion Ratio Lower Upper
107 100
108 85.3 70.8 110.8
77 45.0 25.8 65.8
79 37.1 20.1 60.1

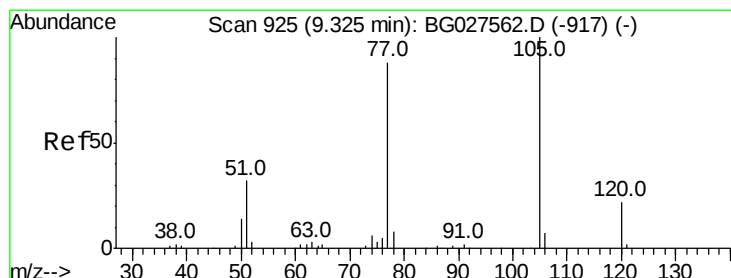
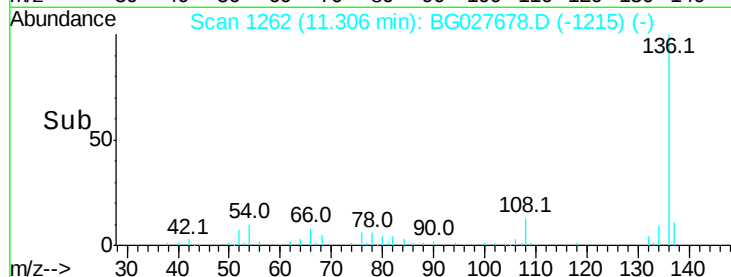
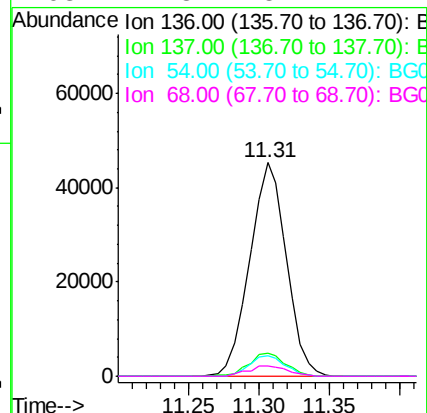
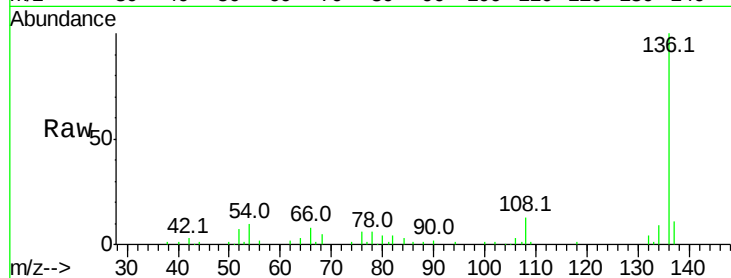




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.31 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

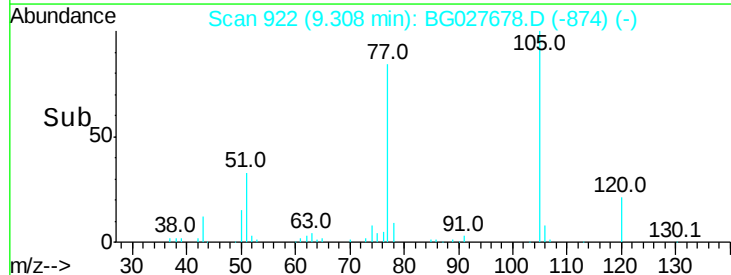
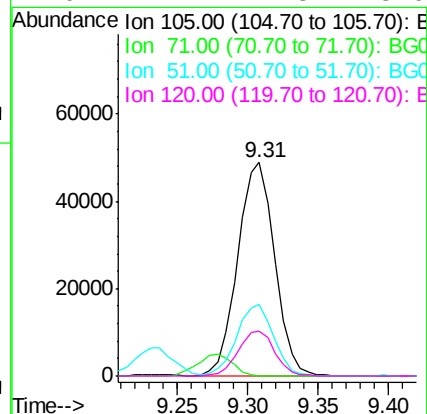
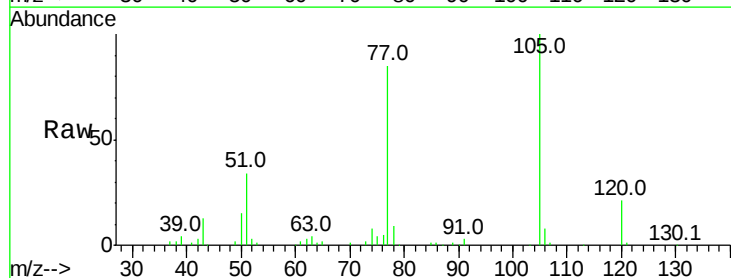
Instrument :
BNA_G
ClientSampleId :

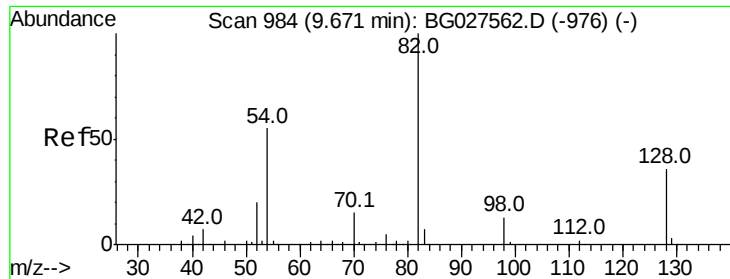
Tot Ion:	136	Resp:	82142
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.6	9.3	13.9
68	4.8	5.1	7.7#



#22
Acetophenone
Concen: 39.59 ng
RT: 9.31 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:	105	Resp:	89185
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	33.6	34.0	51.0#
120	21.1	17.3	25.9

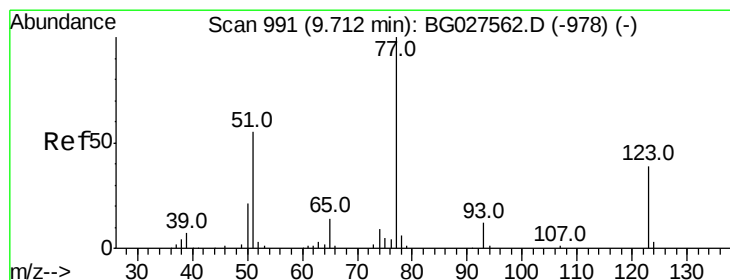
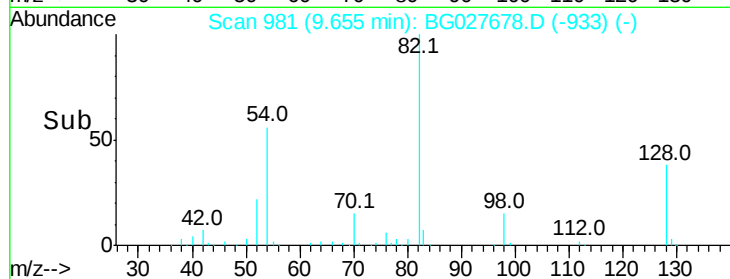
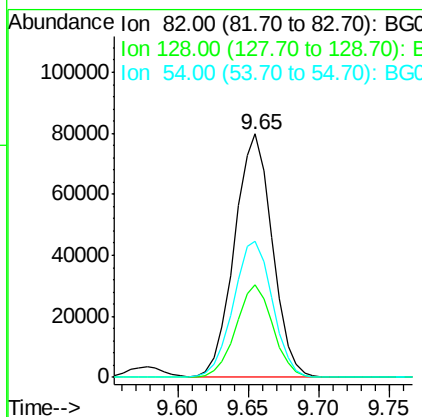
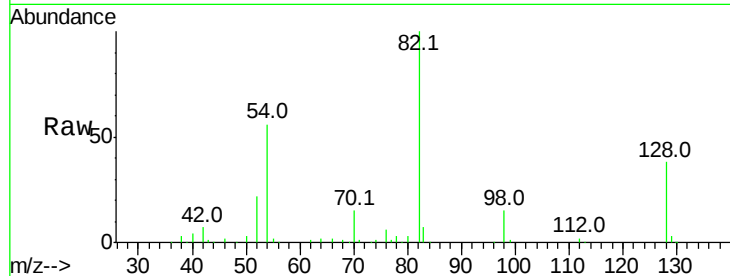




#23
 Nitrobenzene-d5
 Concen: 86.05 ng
 RT: 9.65 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

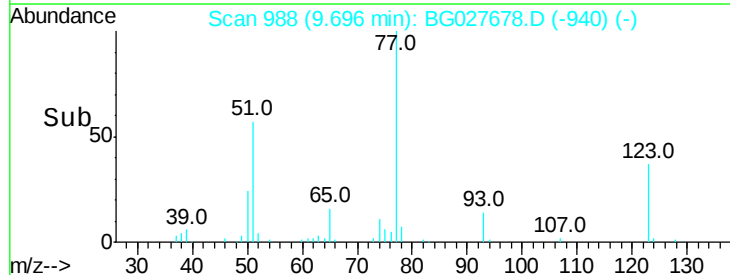
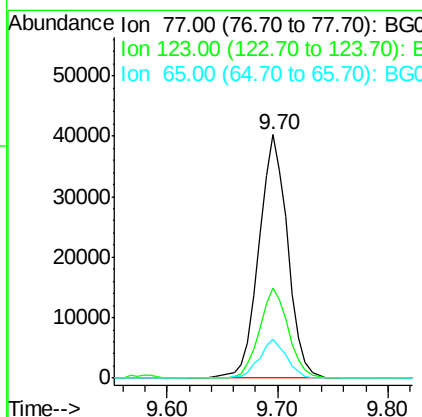
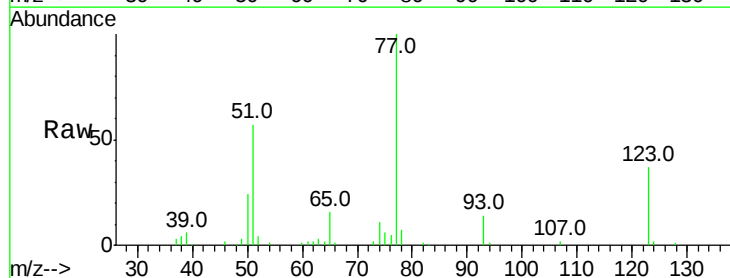
Instrument :
 BNA_G
 ClientSampled :

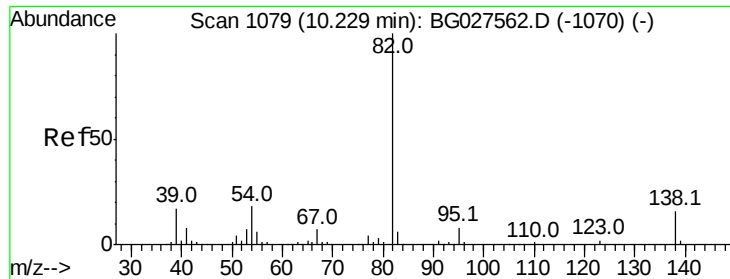
Tot Ion: 82 Resp: 149377
 Ion Ratio Lower Upper
 82 100
 128 37.9 26.4 39.6
 54 55.9 49.4 74.2



#24
 Nitrobenzene
 Concen: 38.48 ng
 RT: 9.70 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion: 77 Resp: 73223
 Ion Ratio Lower Upper
 77 100
 123 36.8 26.1 39.1
 65 16.0 12.4 18.6





#25

Isophorone

Concen: 37.27 ng

RT: 10.21 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampled :

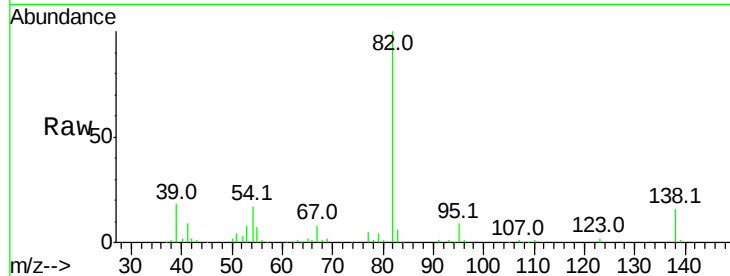
Tot Ion: 82 Resp: 132911

Ion Ratio Lower Upper

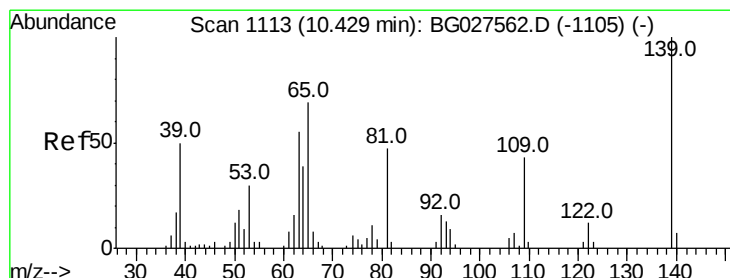
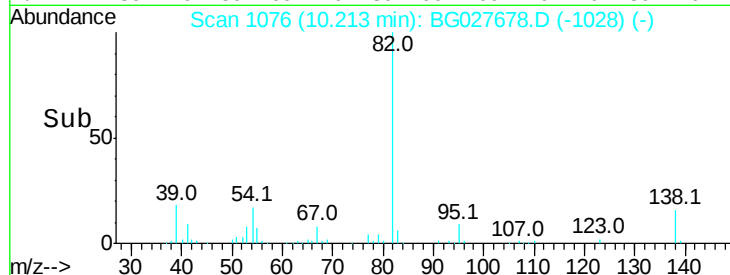
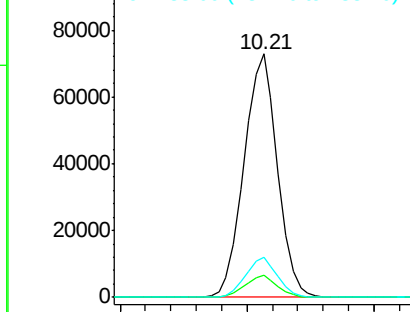
82 100

95 9.2 7.5 11.3

138 16.3 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: 41.26 ng

RT: 10.41 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

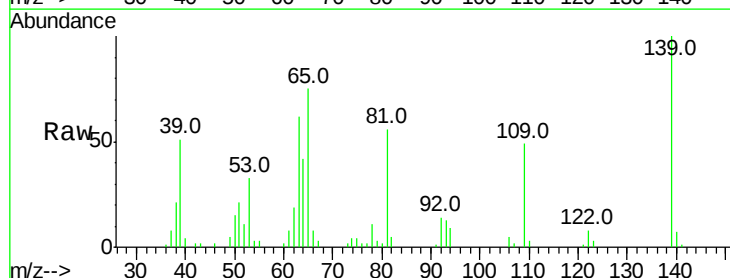
Tgt Ion: 139 Resp: 29036

Ion Ratio Lower Upper

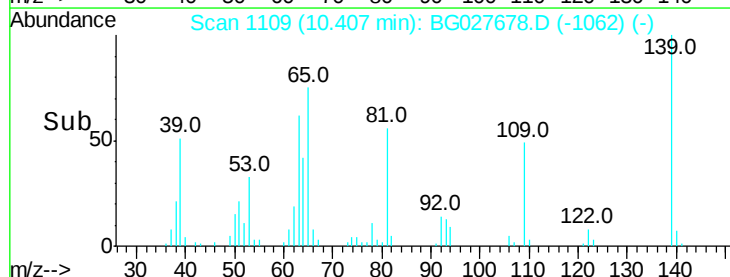
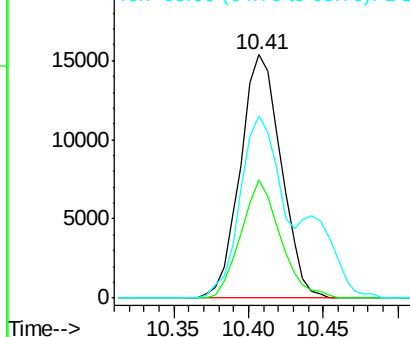
139 100

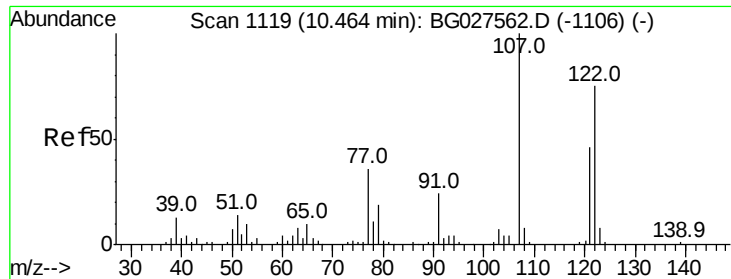
109 48.7 38.6 58.0

65 74.7 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

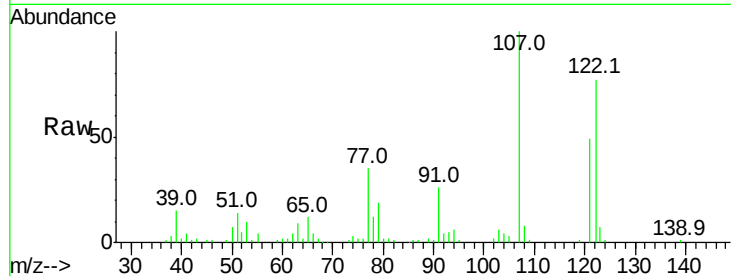




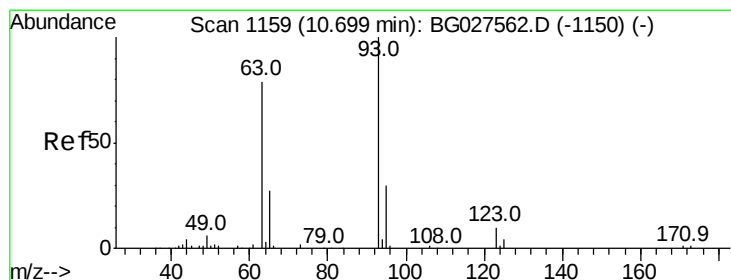
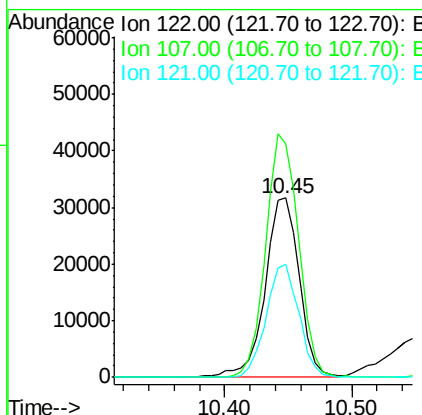
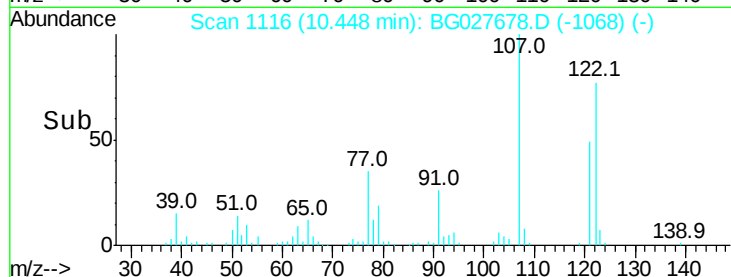
#27
2,4-Dimethylphenol
Concen: 44.67 ng
RT: 10.45 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 59376
Ion Ratio Lower Upper
122 100
107 130.0 104.2 156.4
121 63.2 46.0 69.0

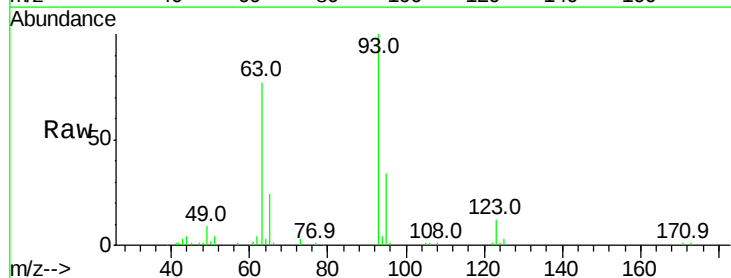


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

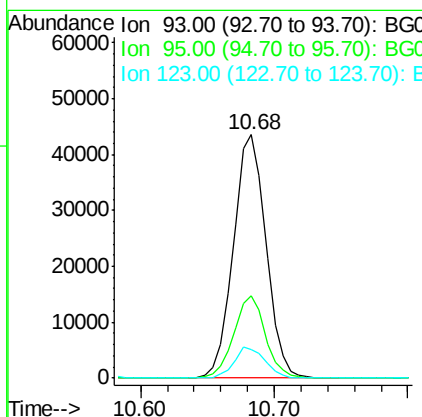
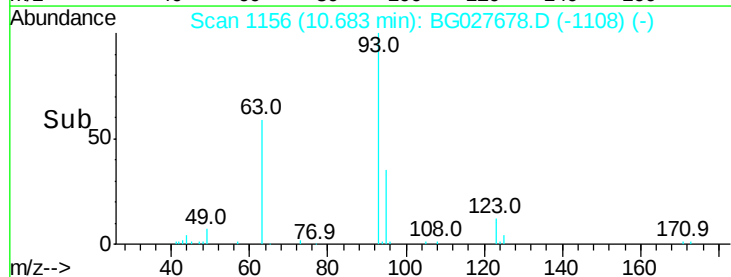


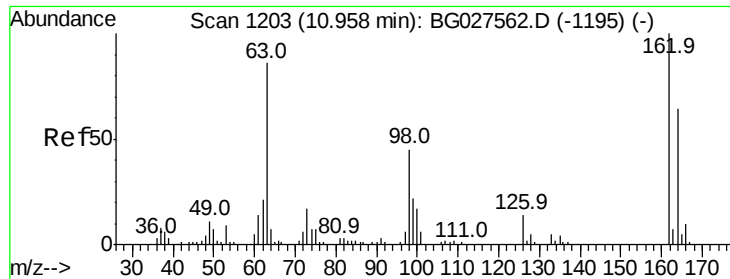
#28
bis(2-Chloroethoxy)methane
Concen: 36.71 ng
RT: 10.68 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion: 93 Resp: 73789
Ion Ratio Lower Upper
93 100
95 33.6 25.7 38.5
123 11.7 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

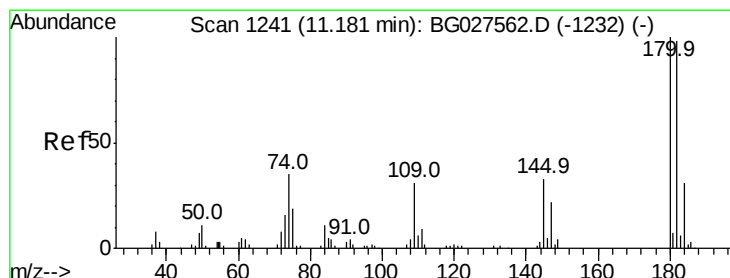
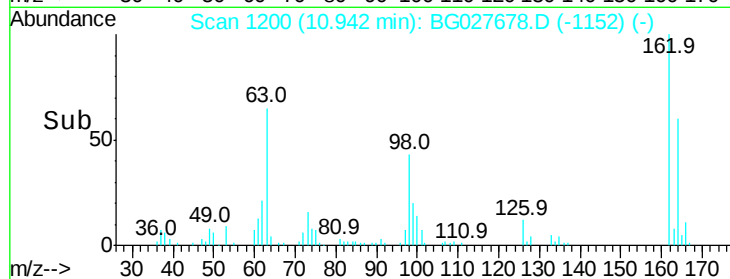
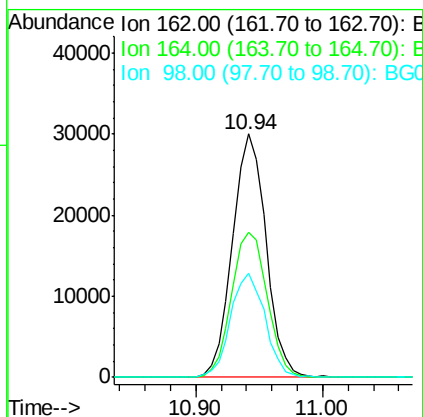
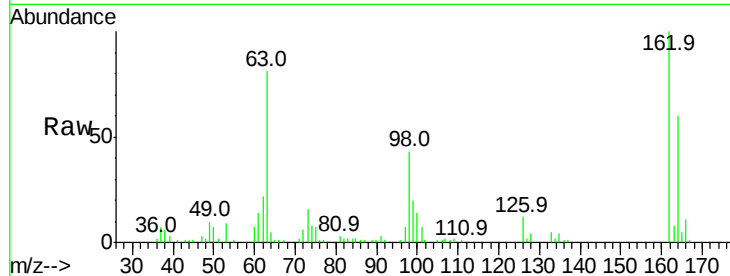




#29
 2,4-Dichlorophenol
 Concen: 47.97 ng
 RT: 10.94 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

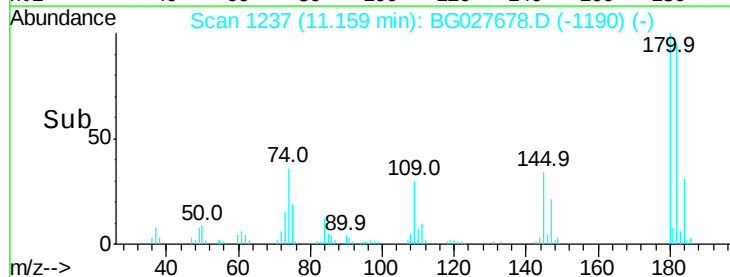
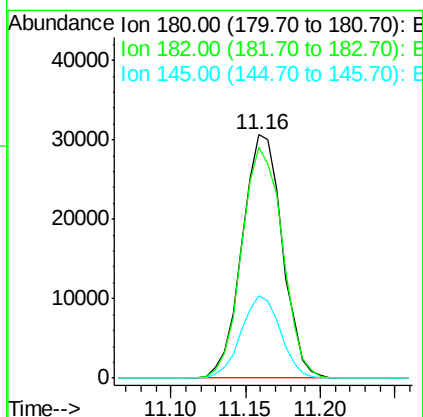
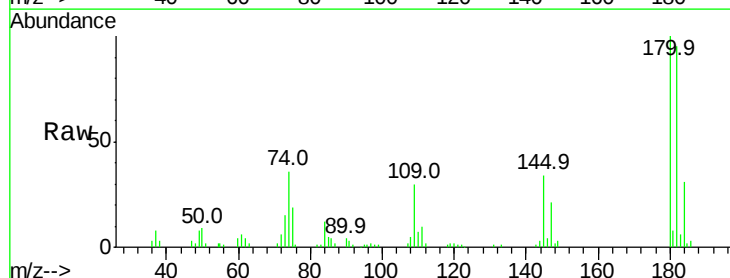
Instrument :
 BNA_G
 ClientSampled :

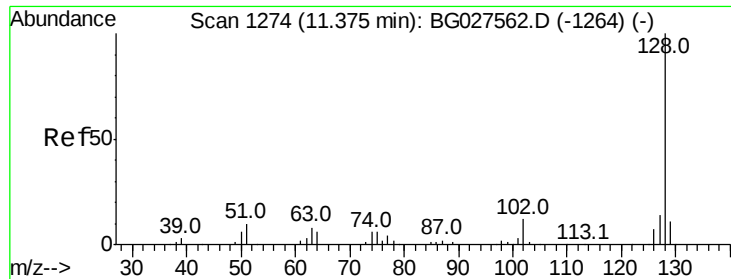
Tot Ion:162 Resp: 55068
 Ion Ratio Lower Upper
 162 100
 164 59.5 42.4 82.4
 98 43.0 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.51 ng
 RT: 11.16 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion:180 Resp: 57107
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.0 115.4
 145 34.0 23.4 35.0

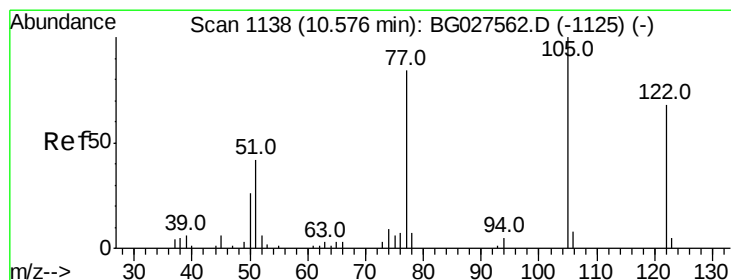
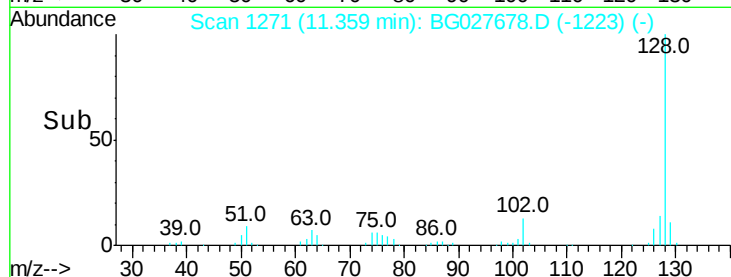
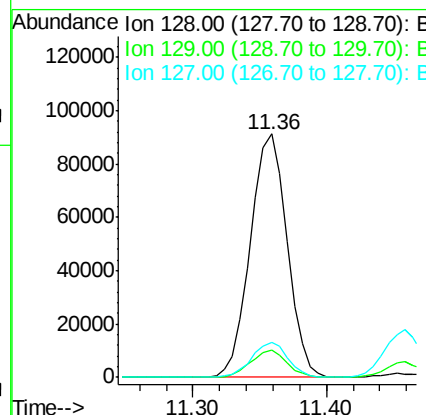
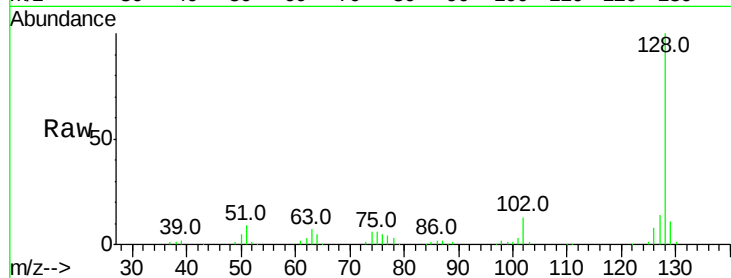




#31
Naphthalene
Concen: 39.01 ng
RT: 11.36 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

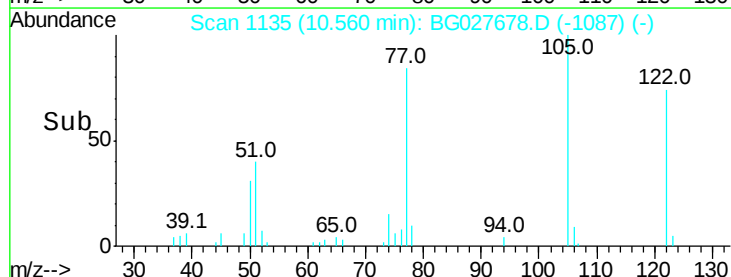
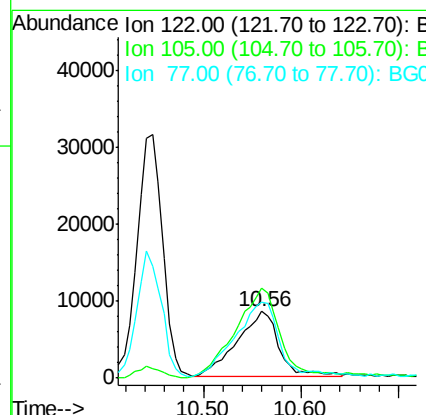
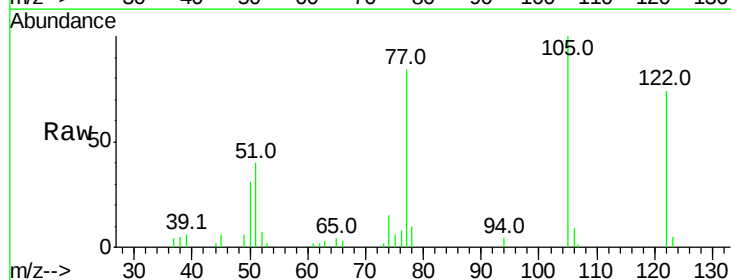
Instrument :
BNA_G
ClientSampleId :

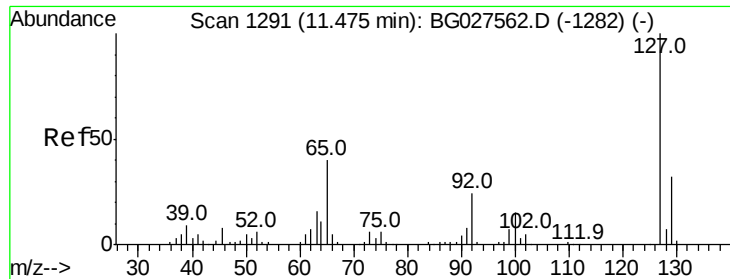
Tot Ion:128 Resp: 173192
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 30.54 ng
RT: 10.56 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:122 Resp: 25671
Ion Ratio Lower Upper
122 100
105 134.3 120.1 160.1
77 113.1 104.6 144.6

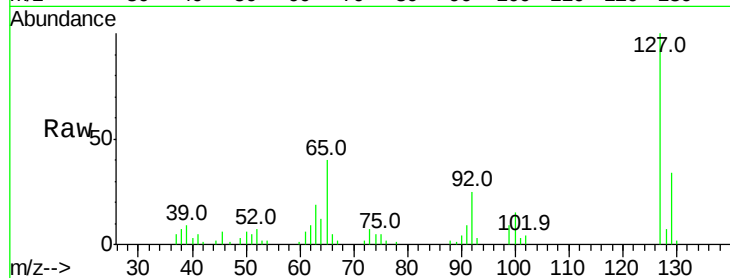




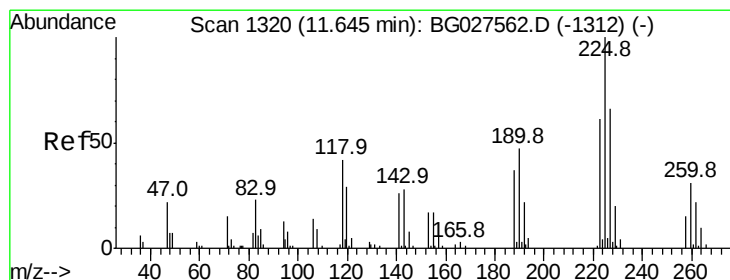
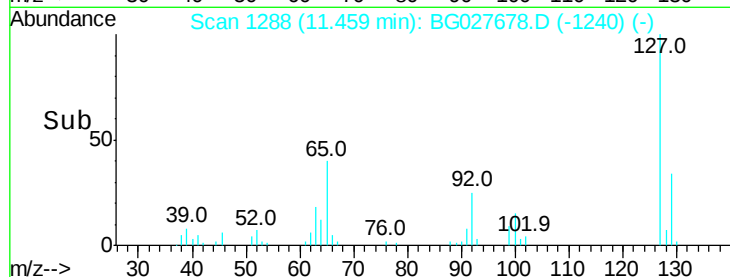
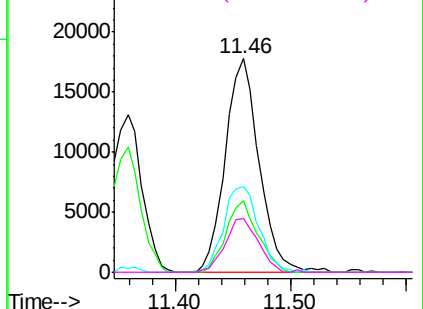
#33
4-Chloroaniline
Concen: 19.22 ng
RT: 11.46 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampled :

Tot Ion:127	Resp:	36184
Ion	Ratio	Lower Upper
127	100	
129	33.8	23.6 35.4
65	39.9	37.7 56.5
92	25.4	17.6 26.4

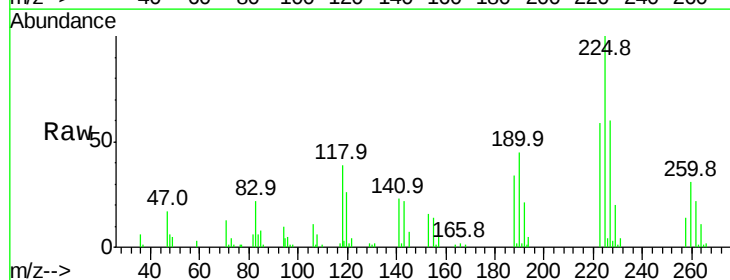


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

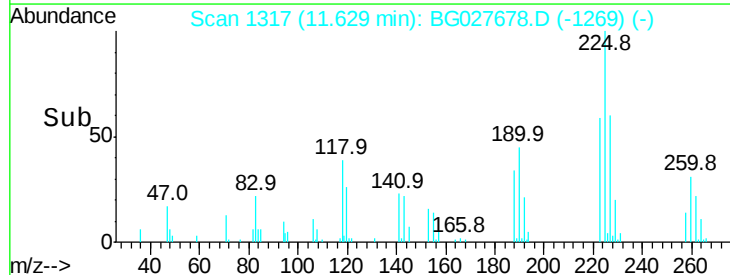
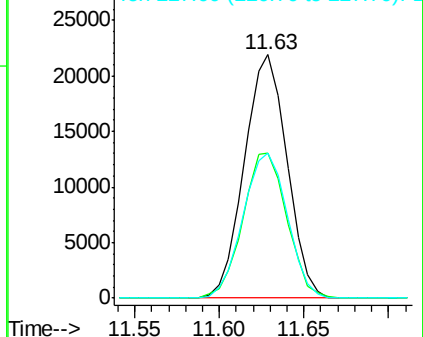


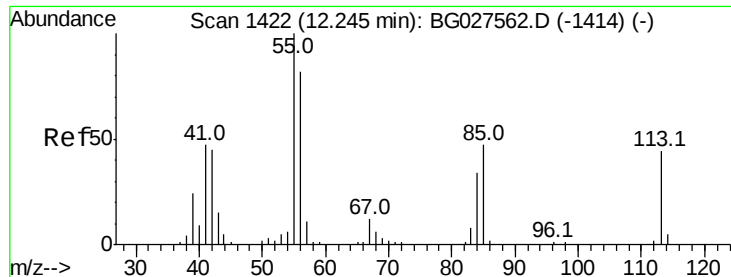
#34
Hexachlorobutadiene
Concen: 48.44 ng
RT: 11.63 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:225	Resp:	38423
Ion	Ratio	Lower Upper
225	100	
223	59.5	50.7 76.1
227	59.6	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: 18.43 ng

RT: 12.23 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

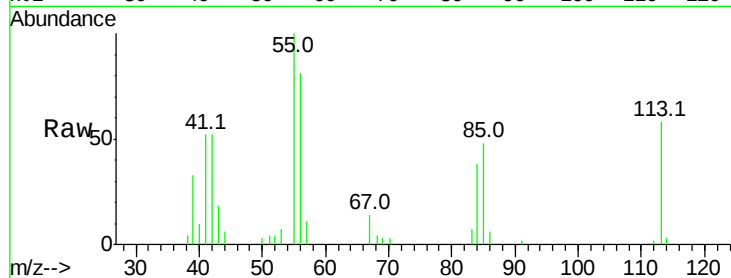
Tot Ion:113 Resp: 9859

Ion Ratio Lower Upper

113 100

55 172.2 198.6 238.6#

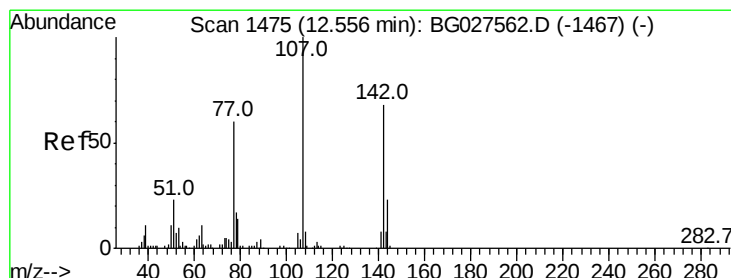
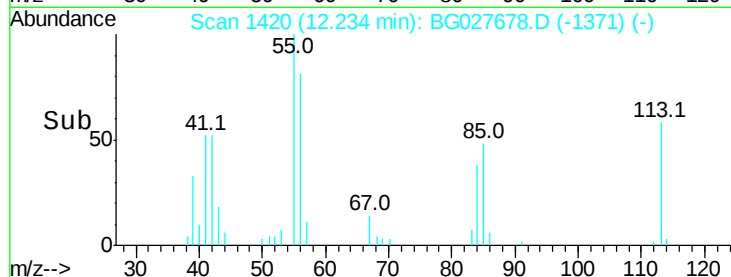
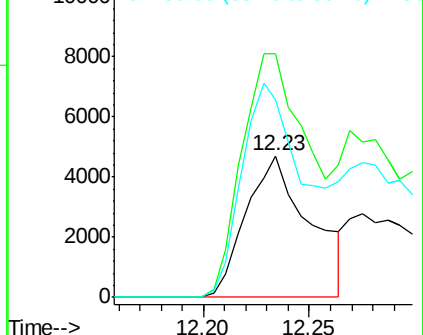
56 140.0 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.87 ng

RT: 12.54 min Scan# 1472

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

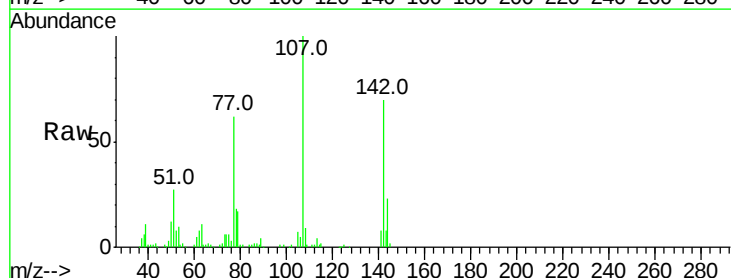
Tgt Ion:107 Resp: 77244

Ion Ratio Lower Upper

107 100

144 22.7 17.4 26.0

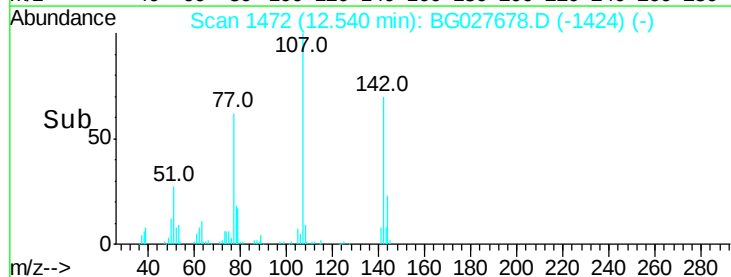
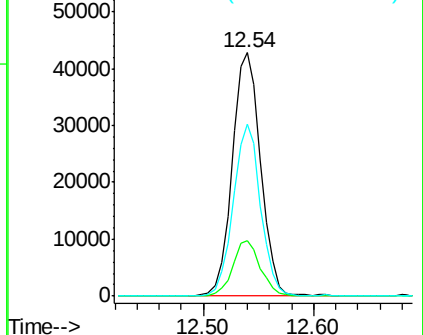
142 70.4 54.1 81.1

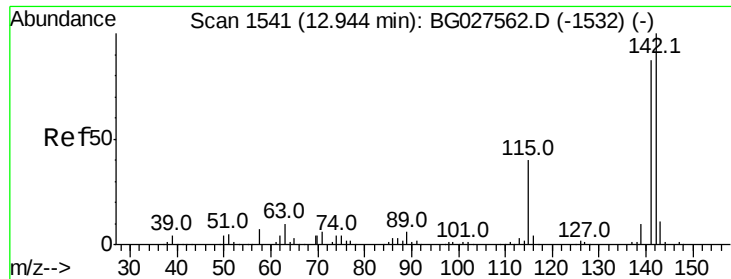


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

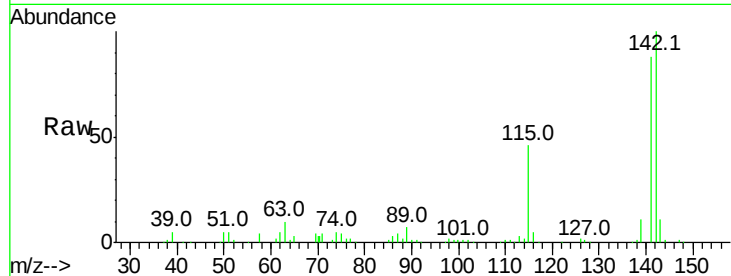




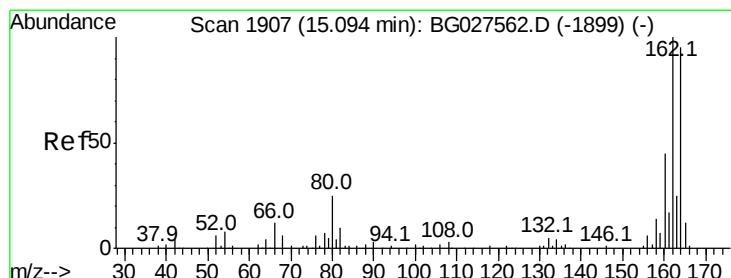
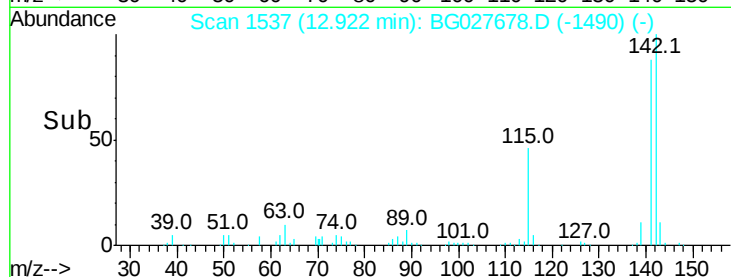
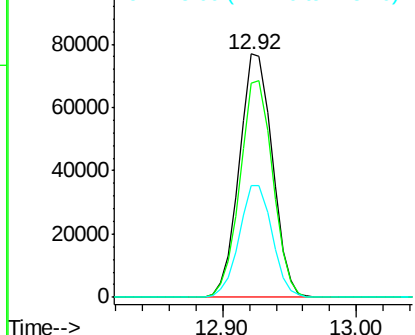
#37
 2-Methylnaphthalene
 Concen: 40.90 ng
 RT: 12.92 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 131976
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.4 105.6
 115 45.7 35.5 53.3

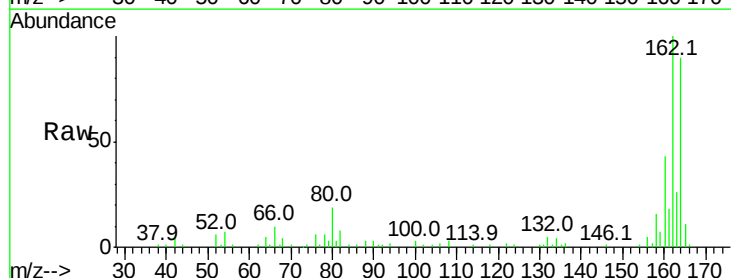


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

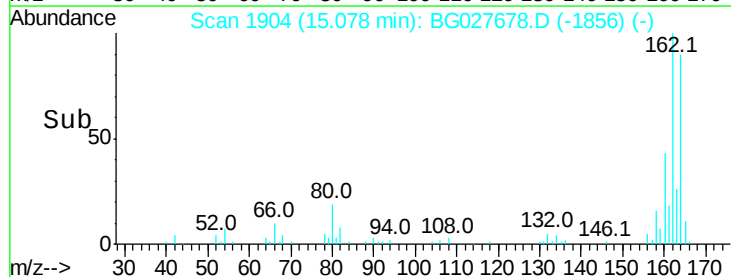
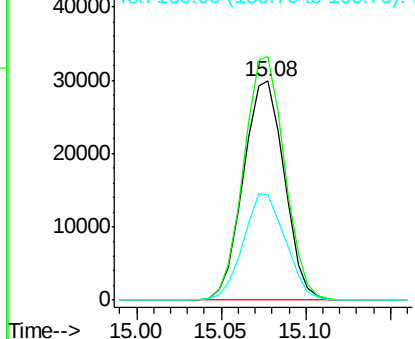


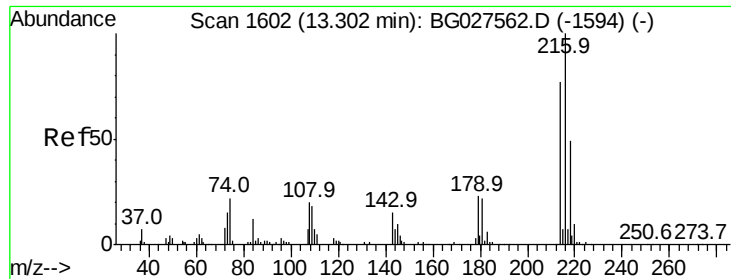
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1904
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion:164 Resp: 50462
 Ion Ratio Lower Upper
 164 100
 162 111.3 85.1 127.7
 160 48.0 34.7 52.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.90 ng

RT: 13.29 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 72626

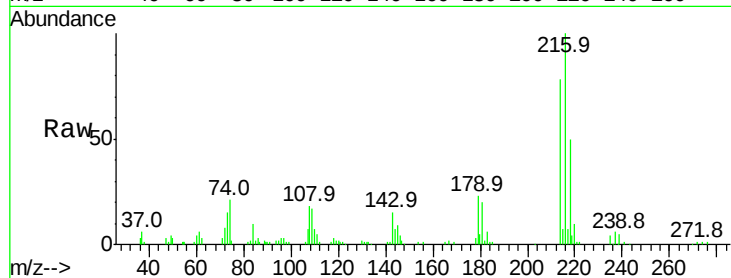
Ion Ratio Lower Upper

216 100

214 77.7 64.4 96.6

179 22.4 17.4 26.0

108 23.0 15.6 23.4

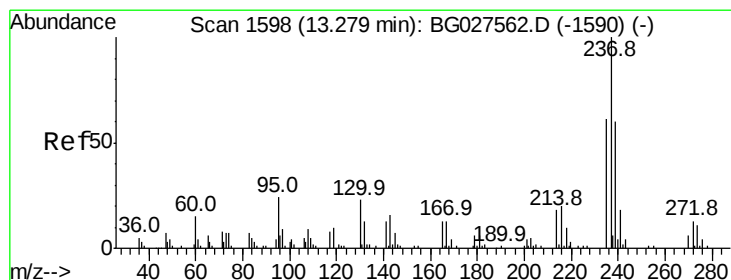
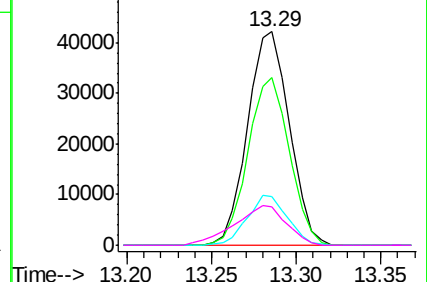
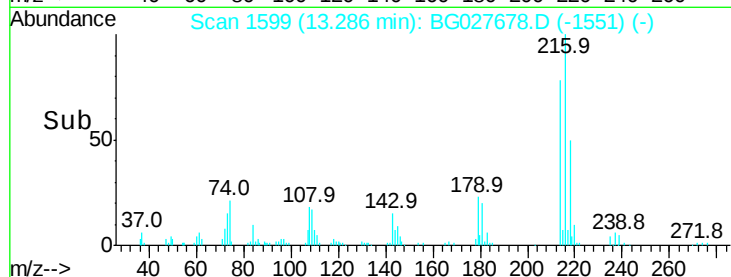


Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.26 ng

RT: 13.26 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

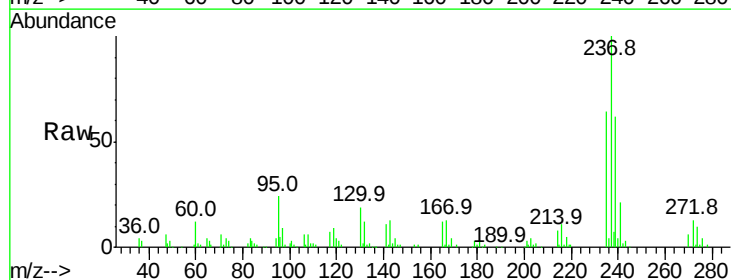
Tgt Ion:237 Resp: 97765

Ion Ratio Lower Upper

237 100

235 63.9 39.4 79.4

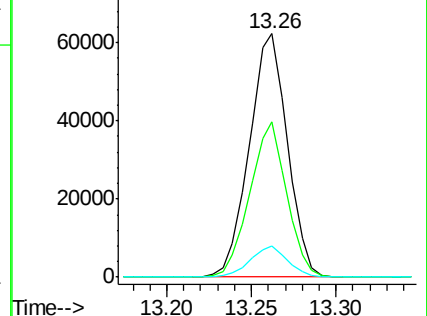
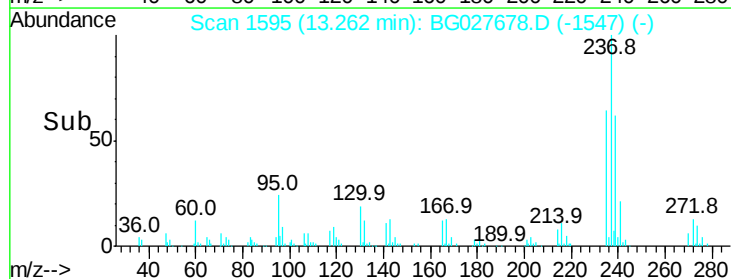
272 12.6 0.0 32.0

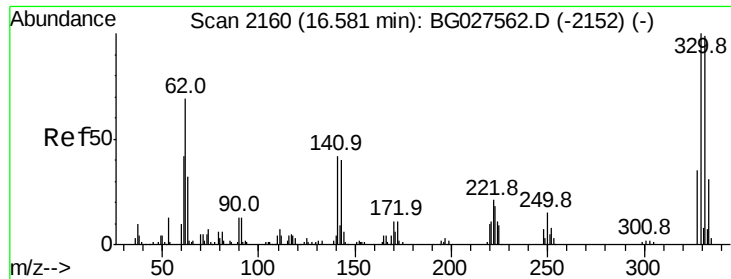


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 157.45 ng

RT: 16.56 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

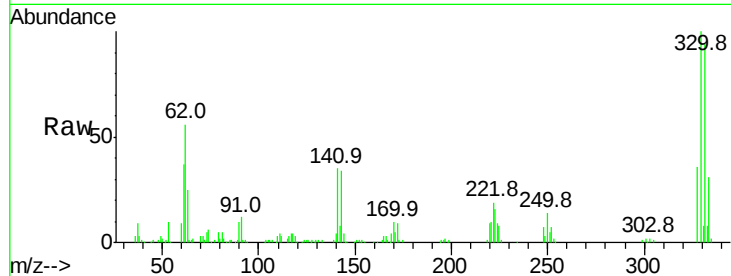
Tot Ion:330 Resp: 118450

Ion Ratio Lower Upper

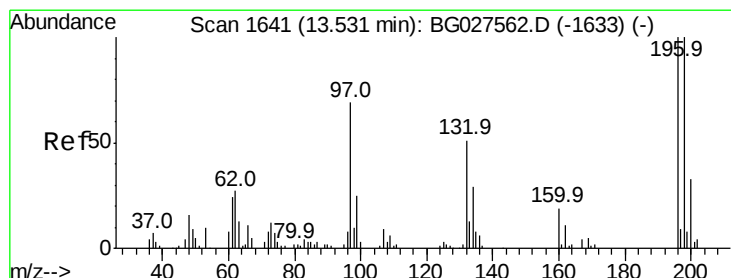
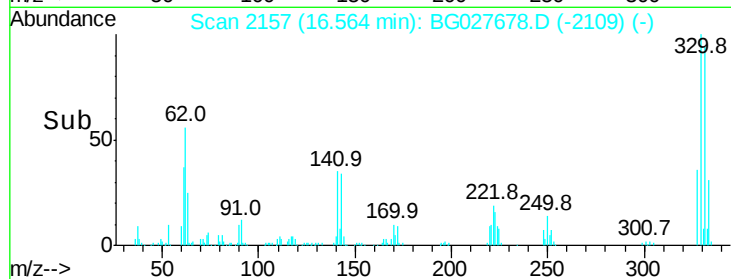
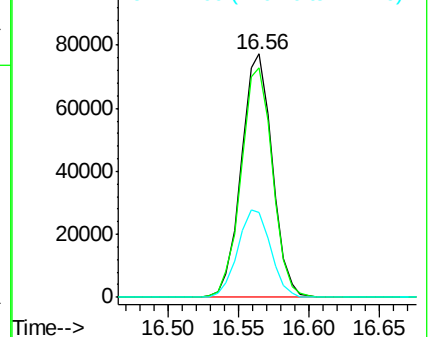
330 100

332 95.8 77.3 115.9

141 37.8 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: 48.20 ng

RT: 13.51 min Scan# 1638

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

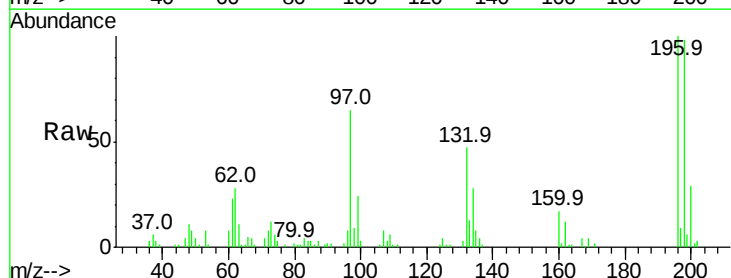
Tgt Ion:196 Resp: 49290

Ion Ratio Lower Upper

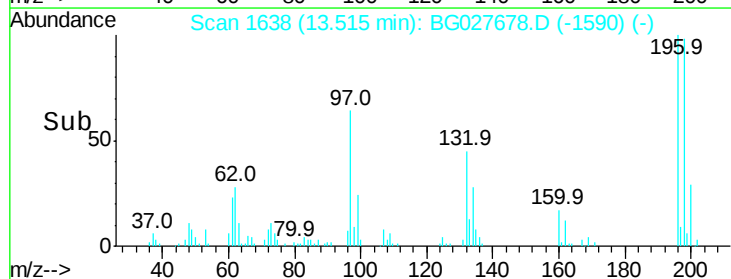
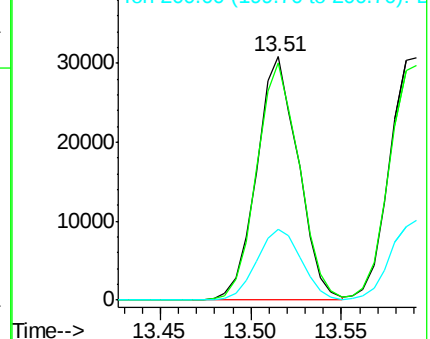
196 100

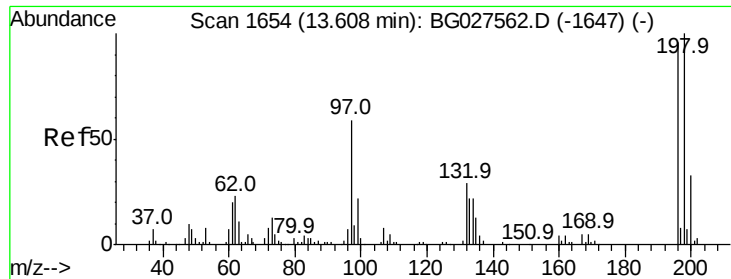
198 97.6 81.4 122.2

200 29.2 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

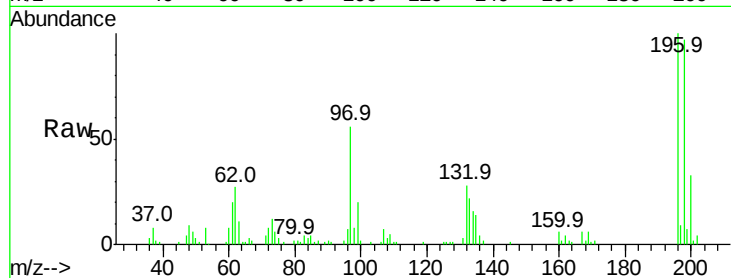




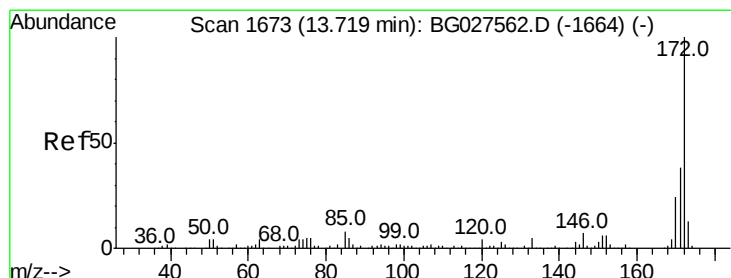
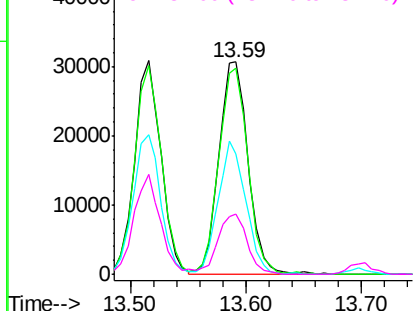
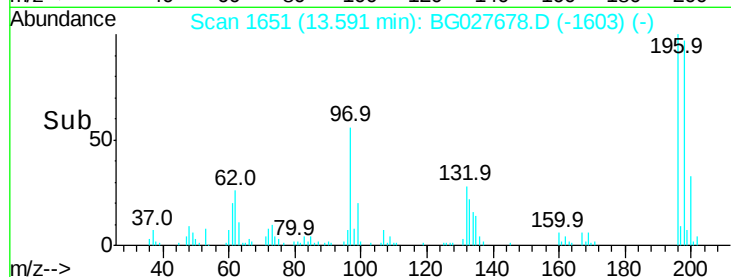
#43
 2,4,5-Trichlorophenol
 Concen: 44.60 ng
 RT: 13.59 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 53591
 Ion Ratio Lower Upper
 196 100
 198 96.9 79.9 119.9
 97 56.4 45.4 68.0
 132 28.2 20.7 31.1

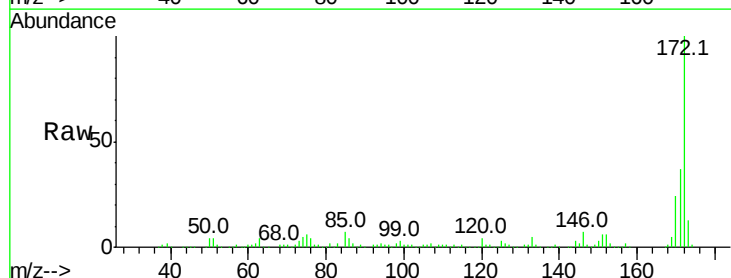


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

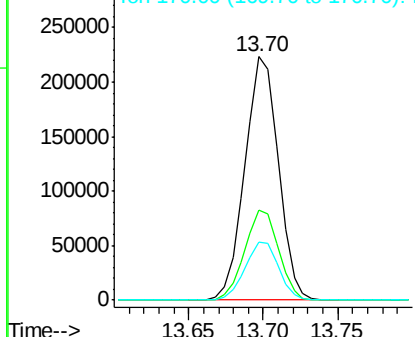
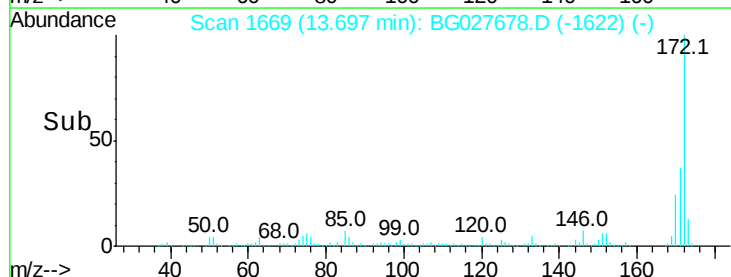


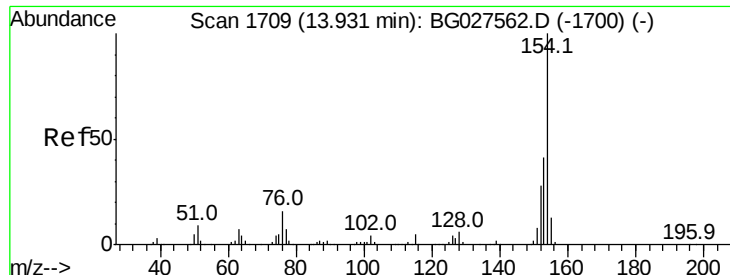
#44
 2-Fluorobiphenyl
 Concen: 93.65 ng
 RT: 13.70 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion:172 Resp: 345955
 Ion Ratio Lower Upper
 172 100
 171 36.8 32.2 48.2
 170 23.9 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.10 ng

RT: 13.91 min Scan# 1705

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampled :

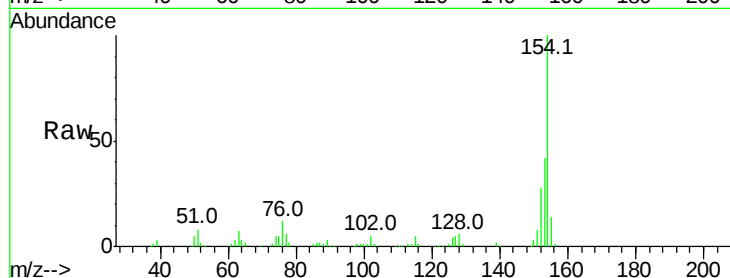
Tot Ion:154 Resp: 177135

Ion Ratio Lower Upper

154 100

153 41.6 23.0 63.0

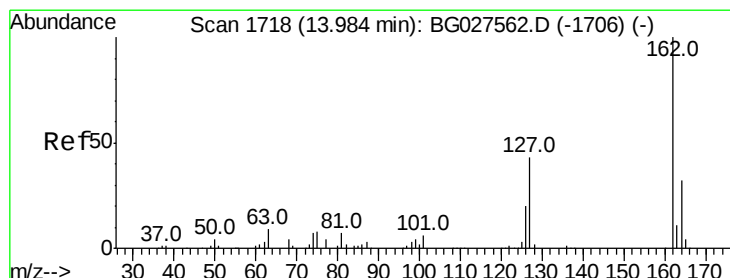
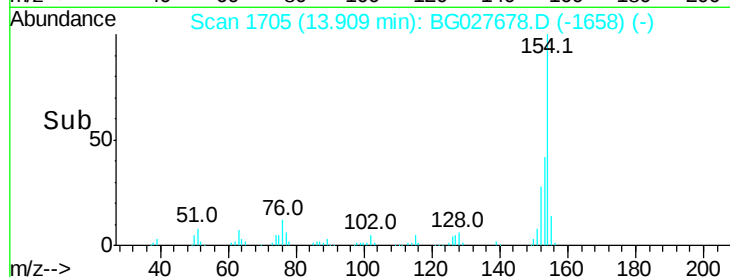
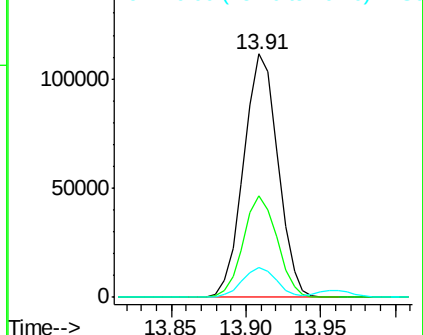
76 12.4 0.0 33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 42.23 ng

RT: 13.96 min Scan# 1714

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

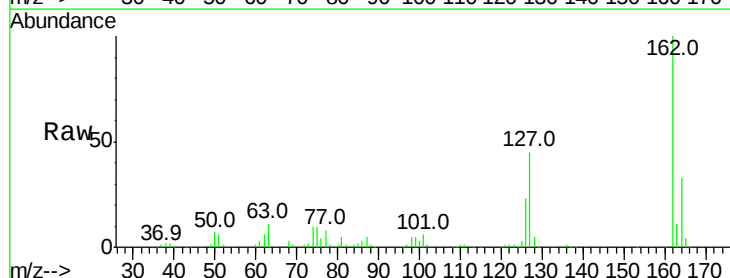
Tgt Ion:162 Resp: 132164

Ion Ratio Lower Upper

162 100

127 45.4 32.2 48.4

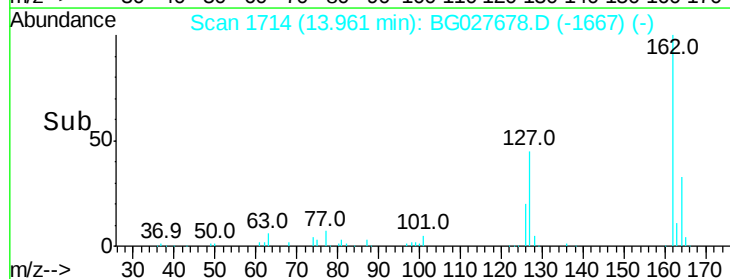
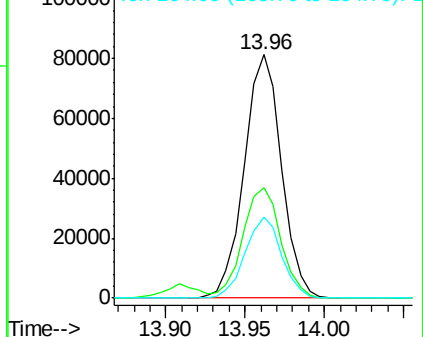
164 33.4 27.3 40.9

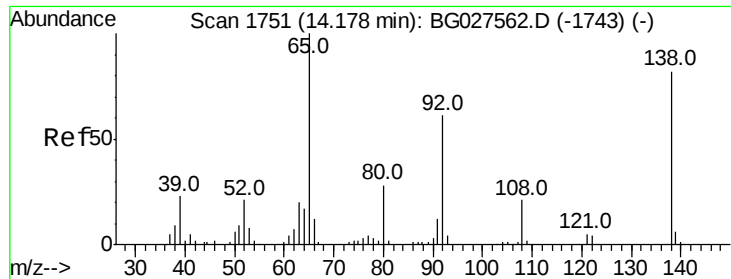


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.62 ng

RT: 14.16 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

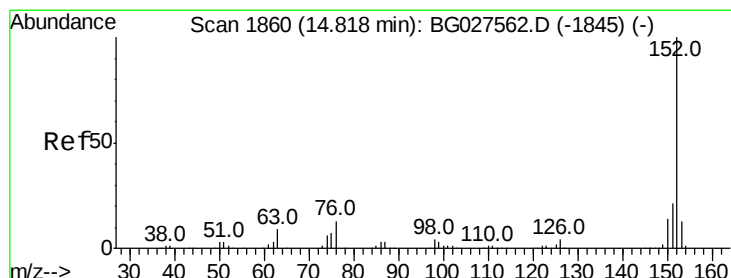
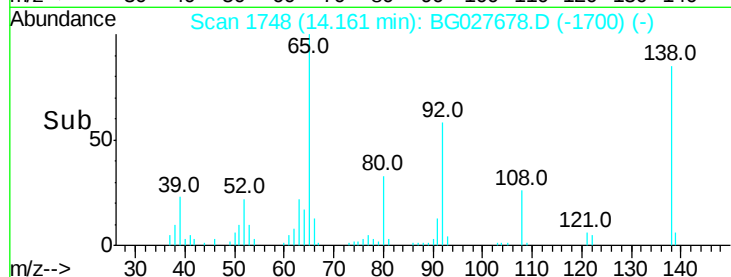
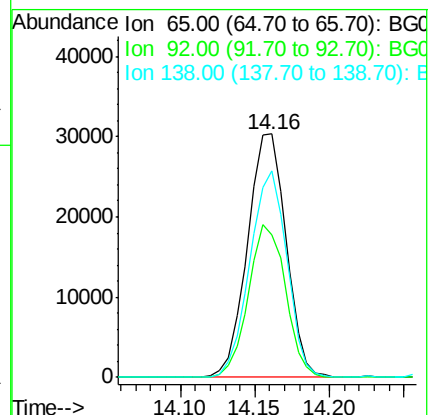
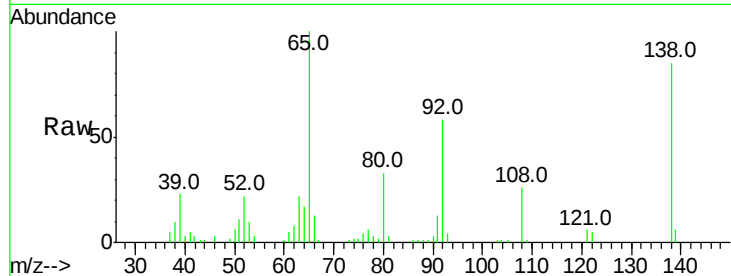
Tot Ion: 65 Resp: 54259

Ion Ratio Lower Upper

65 100

92 58.5 49.0 73.4

138 85.0 58.6 87.8



#48

Acenaphthylene

Concen: 38.95 ng

RT: 14.80 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

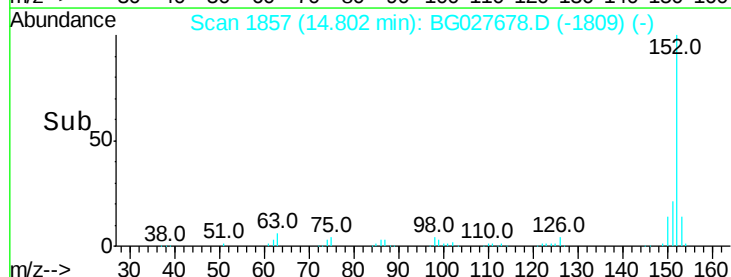
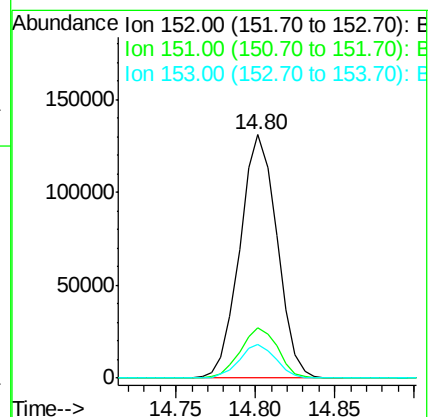
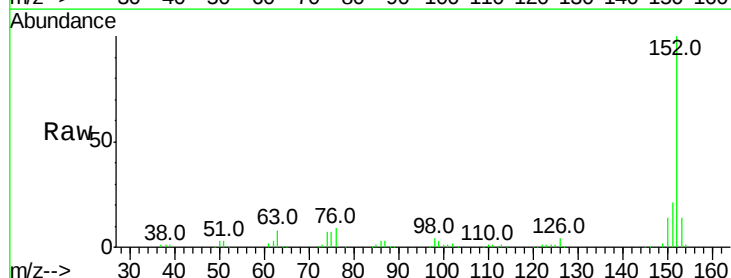
Tgt Ion: 152 Resp: 213577

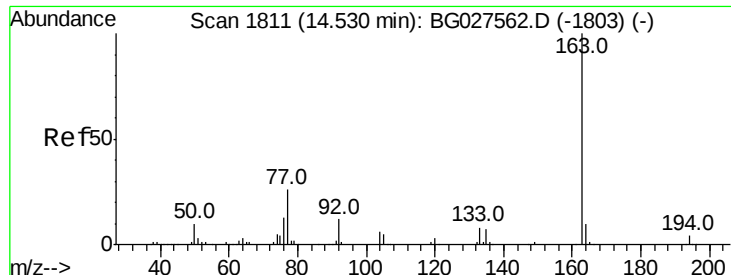
Ion Ratio Lower Upper

152 100

151 20.8 18.2 27.2

153 13.8 11.3 16.9





#49

Dimethylphthalate

Concen: 42.49 ng

RT: 14.51 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

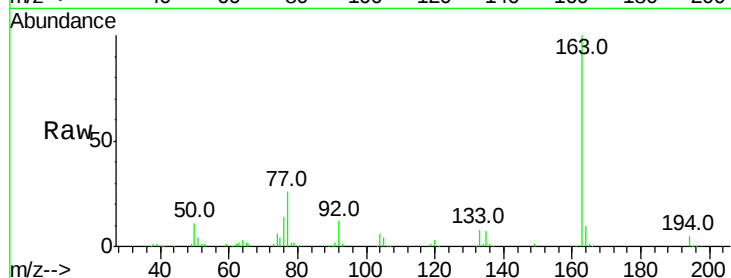
Tot Ion:163 Resp: 187743

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

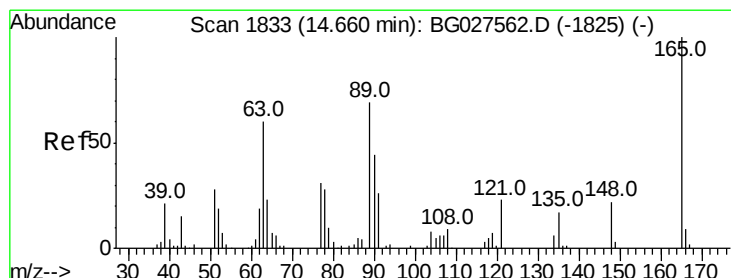
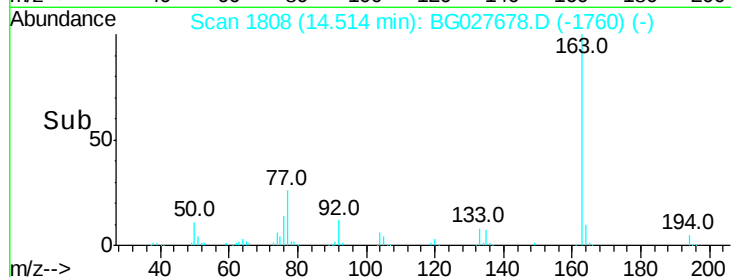
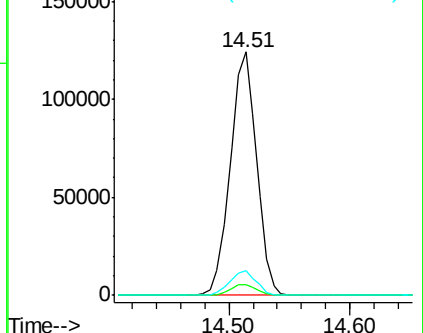
164 10.1 9.3 13.9



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: 42.19 ng

RT: 14.64 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

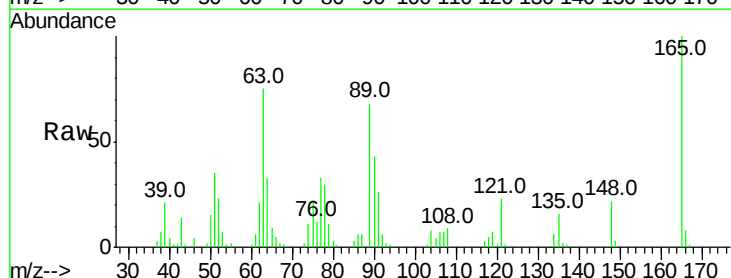
Tgt Ion:165 Resp: 40450

Ion Ratio Lower Upper

165 100

63 75.1 63.9 95.9

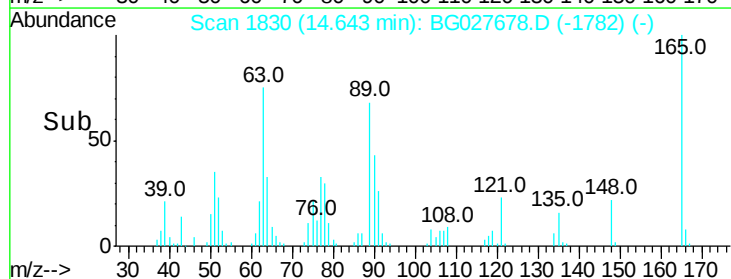
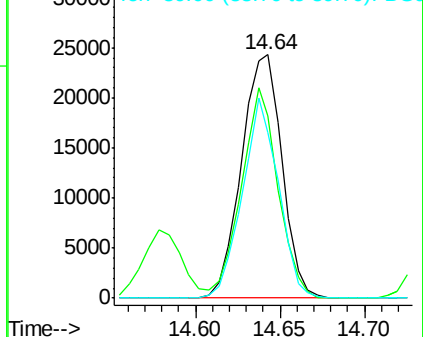
89 68.2 58.6 88.0

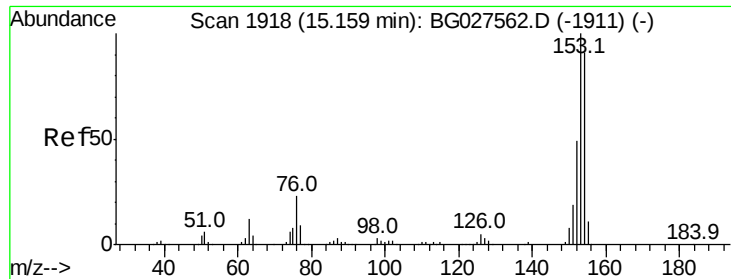


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.60 ng

RT: 15.14 min Scan# 1915

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampled :

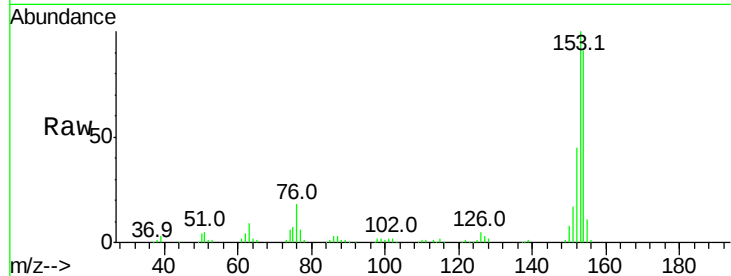
Tot Ion:154 Resp: 139842

Ion Ratio Lower Upper

154 100

153 109.9 87.8 131.6

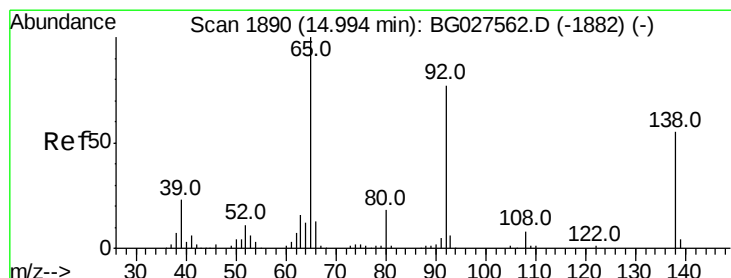
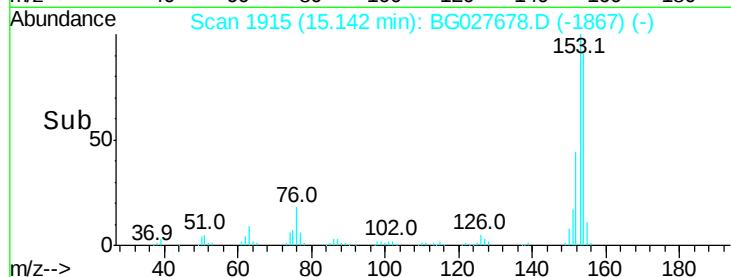
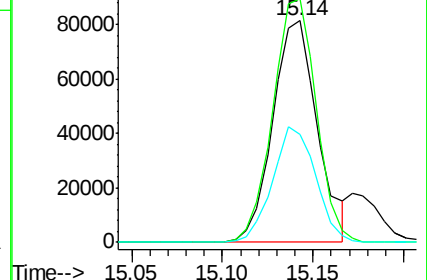
152 49.0 42.2 63.4



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: 24.71 ng

RT: 14.98 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

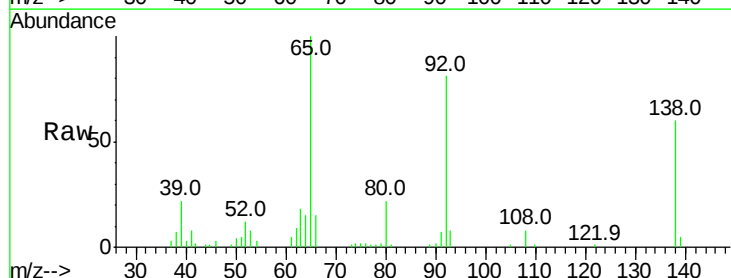
Tgt Ion:138 Resp: 25003

Ion Ratio Lower Upper

138 100

108 13.1 10.9 16.3

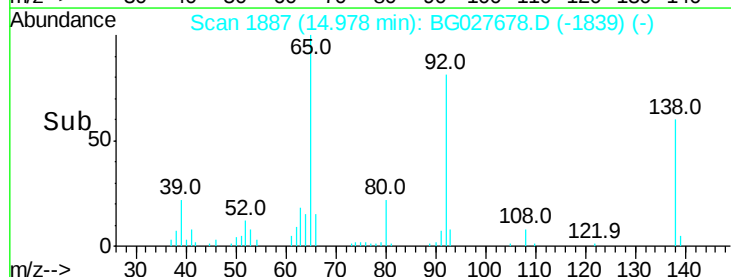
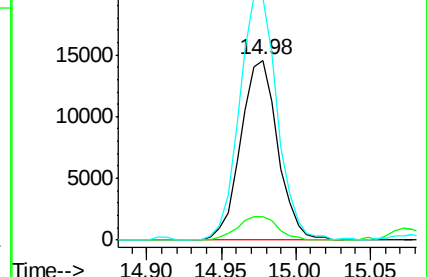
92 135.0 115.3 172.9

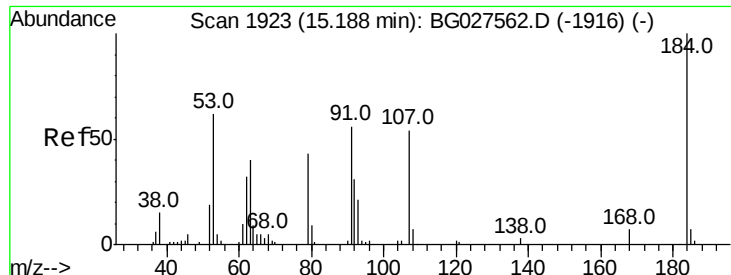


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

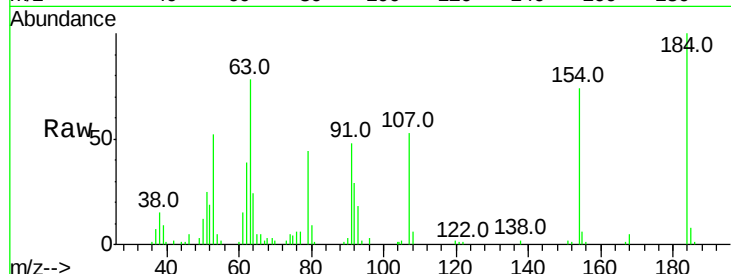




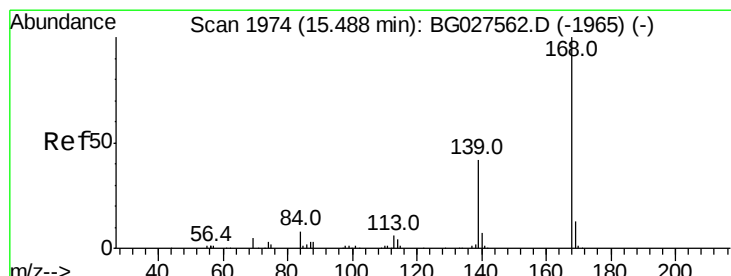
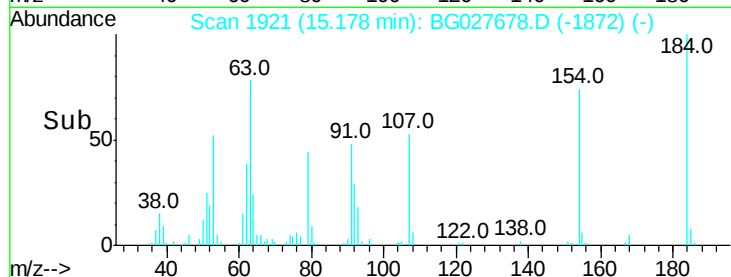
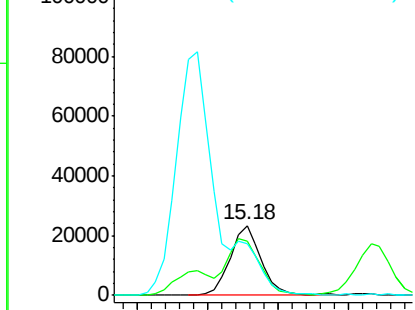
#53
 2,4-Dinitrophenol
 Concen: 66.34 ng
 RT: 15.18 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 35951
 Ion Ratio Lower Upper
 184 100
 63 77.7 52.7 79.1
 154 73.7 57.3 85.9

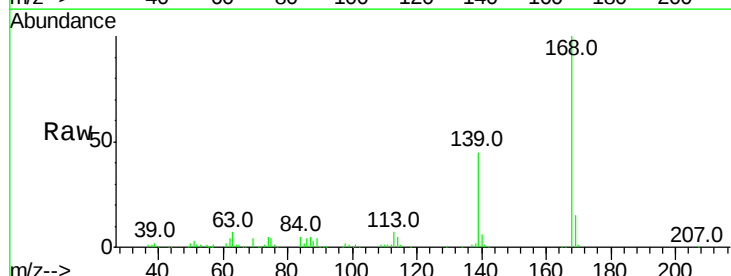


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

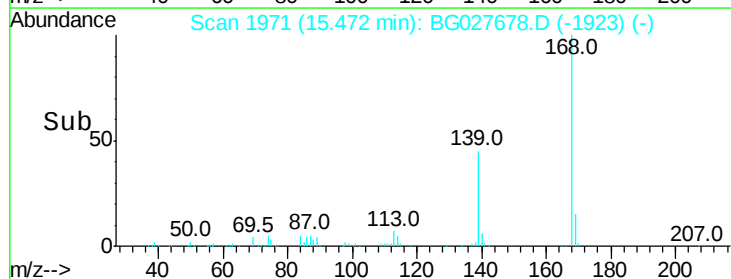
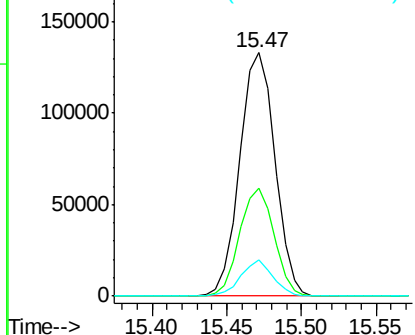


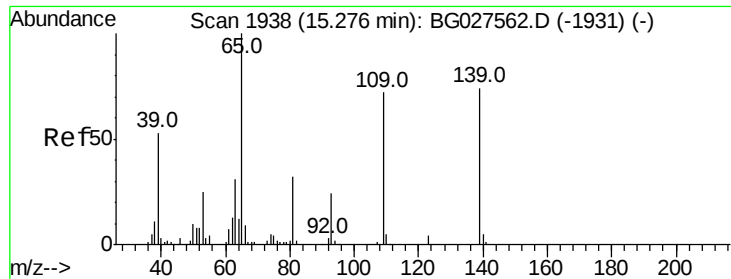
#54
 Dibenzofuran
 Concen: 43.71 ng
 RT: 15.47 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion:168 Resp: 217508
 Ion Ratio Lower Upper
 168 100
 139 44.5 35.3 52.9
 169 15.0 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 77.49 ng

RT: 15.27 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

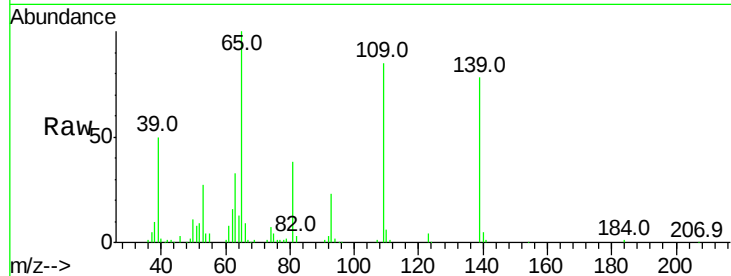
Tot Ion:139 Resp: 65659

Ion Ratio Lower Upper

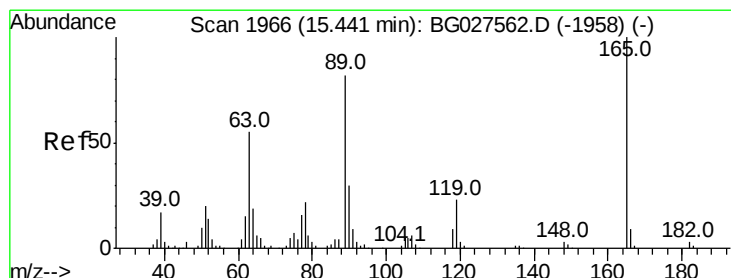
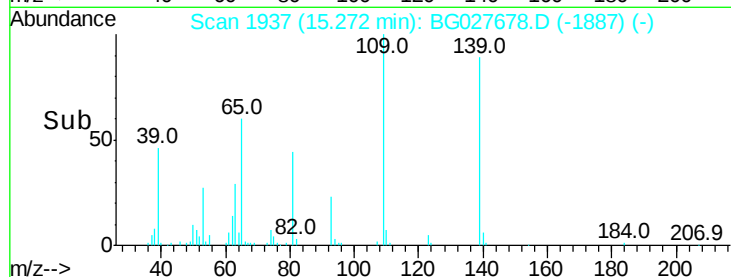
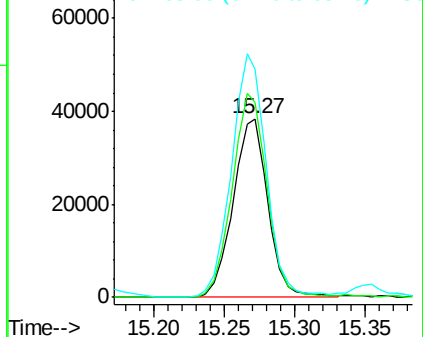
139 100

109 109.2 101.2 141.2

65 127.8 135.3 175.3#



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



#56

2,4-Dinitrotoluene

Concen: 42.52 ng

RT: 15.42 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Tgt Ion:165 Resp: 57804

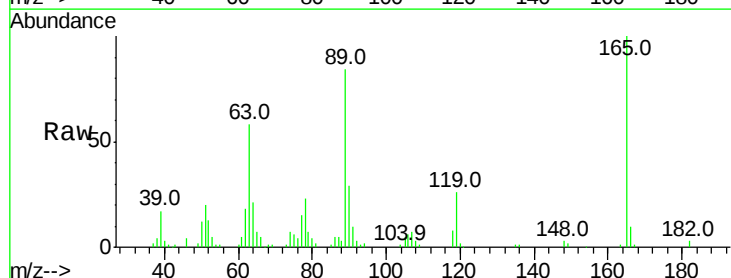
Ion Ratio Lower Upper

165 100

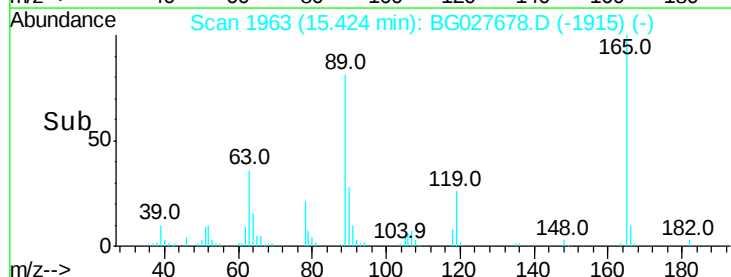
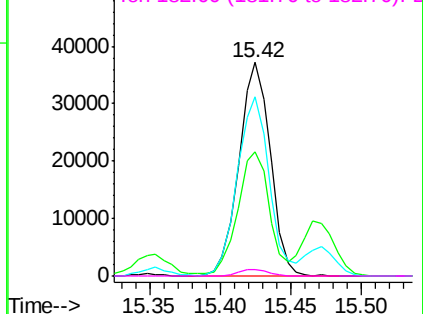
63 58.0 44.0 66.0

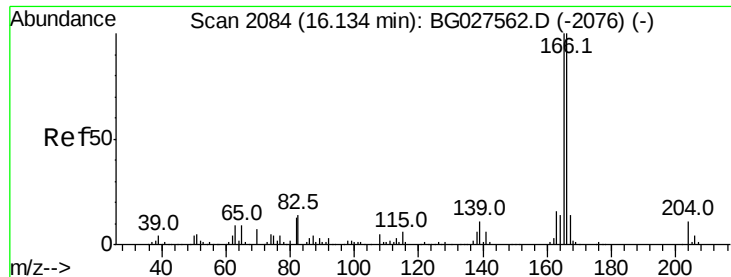
89 83.7 67.3 100.9

182 3.0 3.8 5.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 89.00 (88.70 to 89.70): B
Ion 182.00 (181.70 to 182.70): E

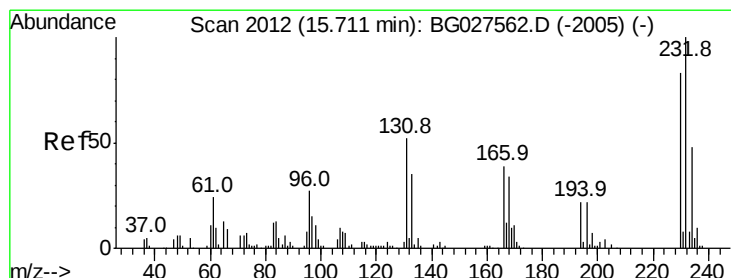
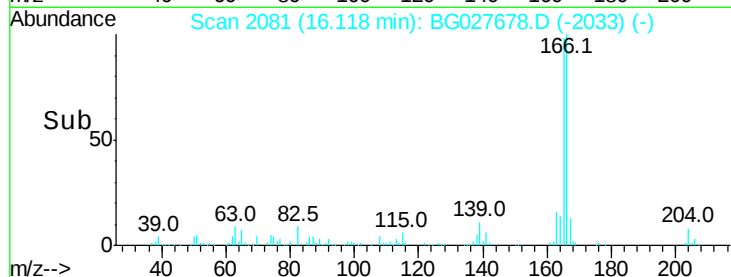
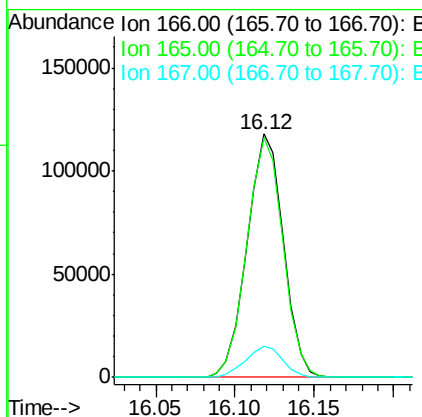
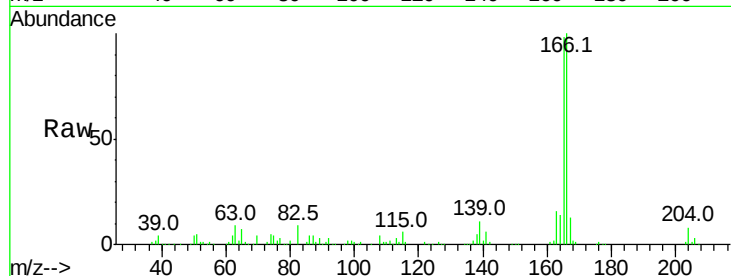




#57
Fluorene
 Concen: 39.72 ng
 RT: 16.12 min Scan# 2081
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

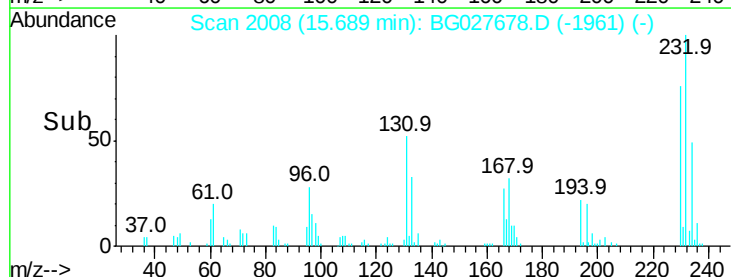
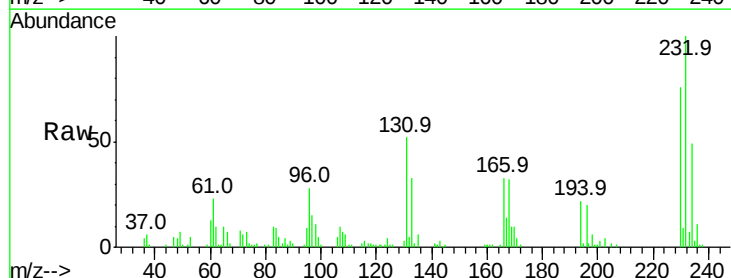
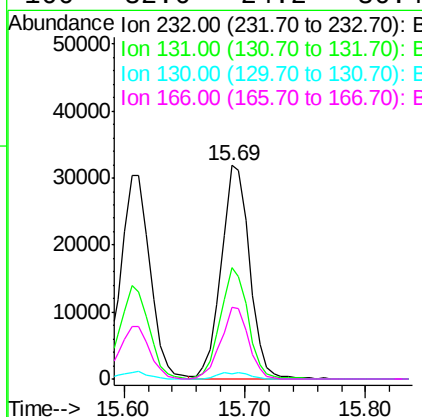
Instrument :
 BNA_G
 ClientSampleId :

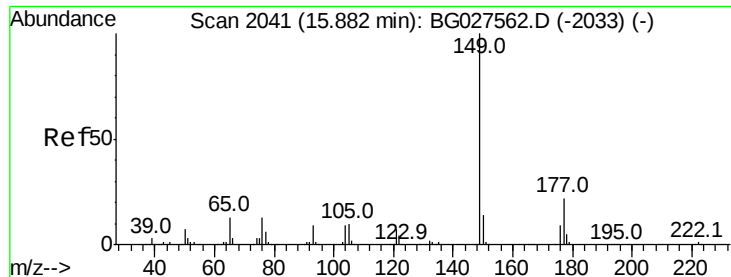
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	12.9	11.6	17.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.29 ng
 RT: 15.69 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.6	34.9	52.3
130	3.3	2.3	3.5
166	32.6	24.2	36.4

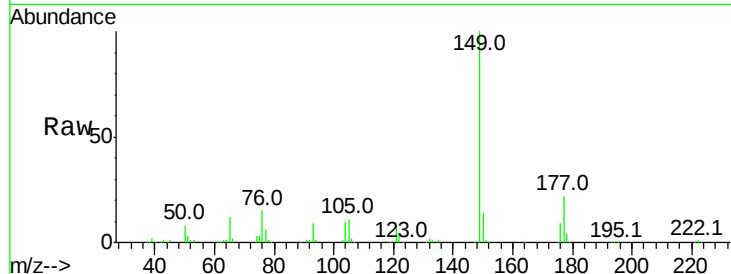




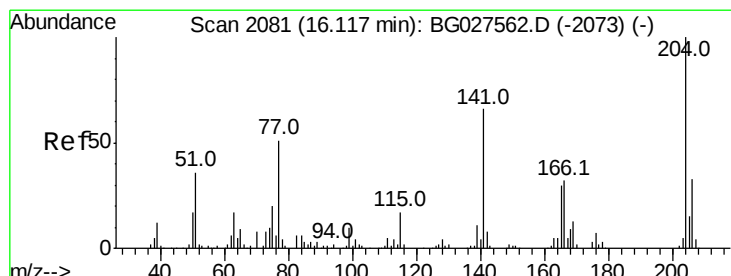
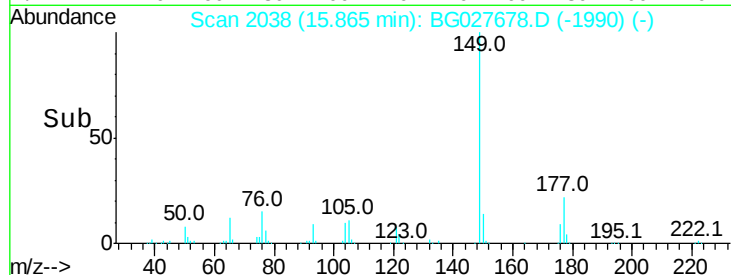
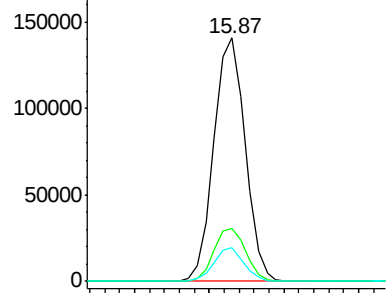
#59
Diethylphthalate
Concen: 42.44 ng
RT: 15.87 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 204592
Ion Ratio Lower Upper
149 100
177 21.9 20.1 30.1
150 13.7 10.2 15.2

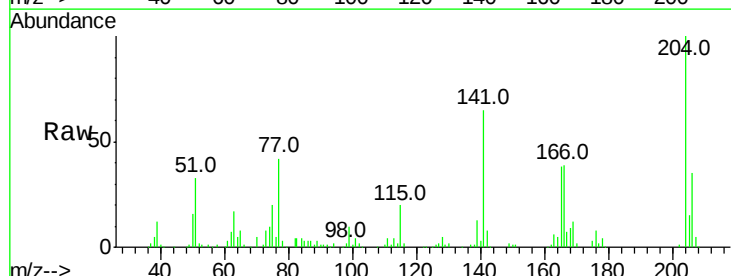


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

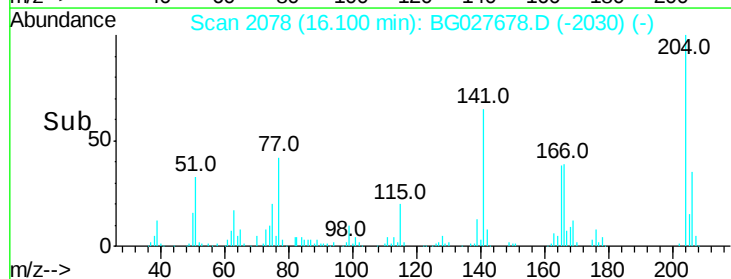
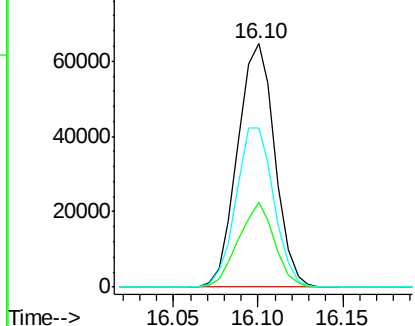


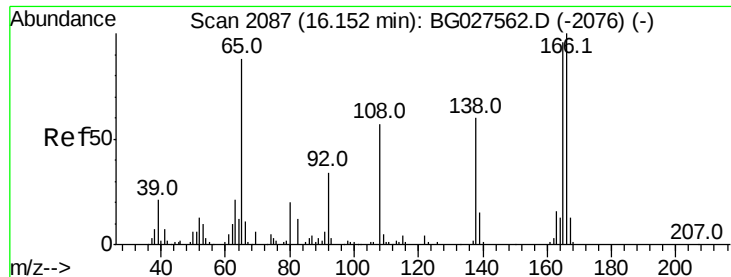
#60
4-Chlorophenyl-phenylether
Concen: 42.70 ng
RT: 16.10 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:204 Resp: 99046
Ion Ratio Lower Upper
204 100
206 35.0 30.1 45.1
141 65.3 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

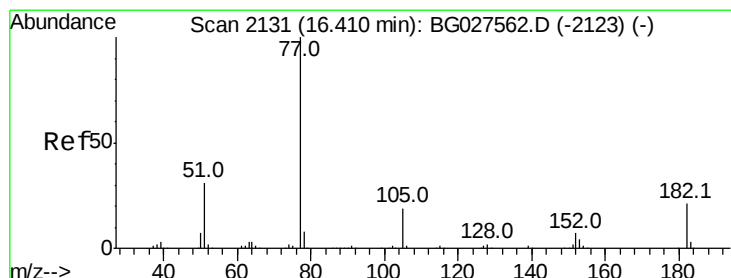
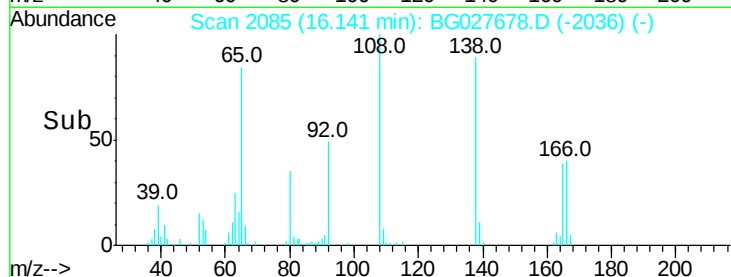
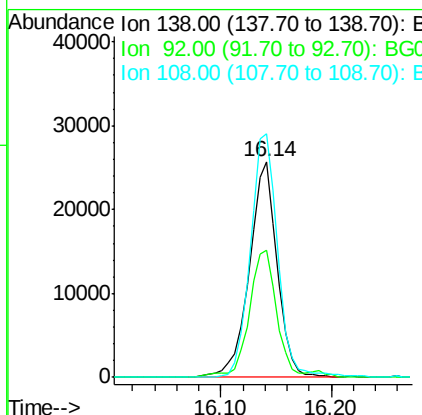
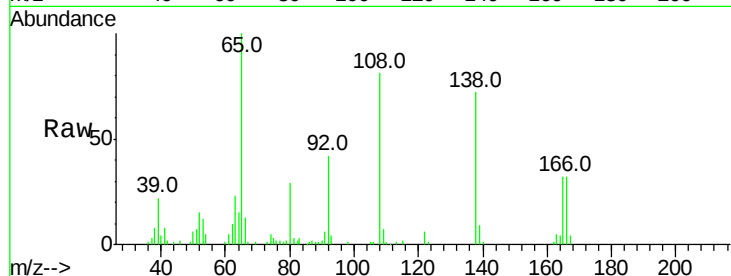




#61
4-Nitroaniline
Concen: 41.04 ng
RT: 16.14 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

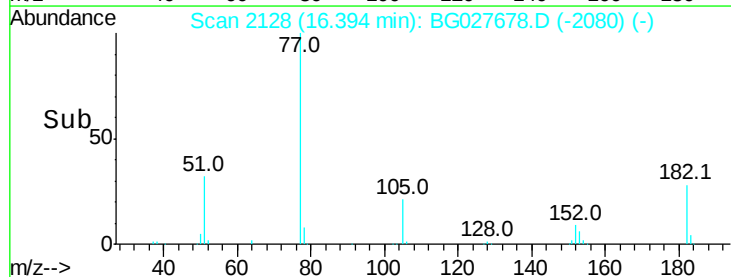
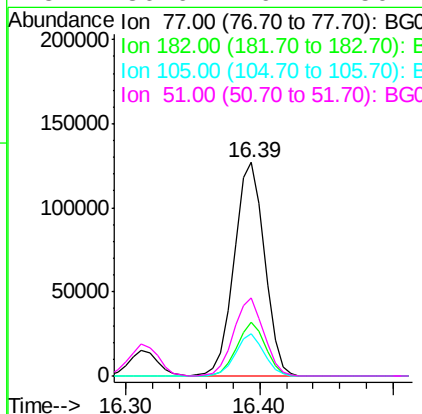
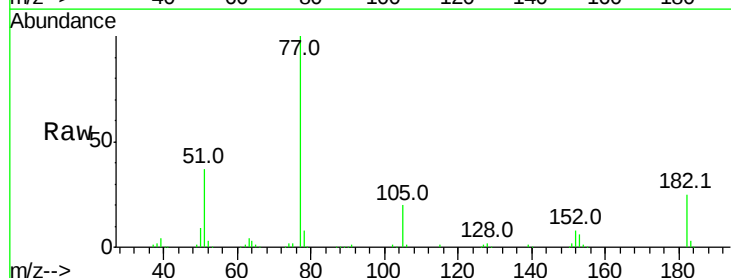
Instrument :
BNA_G
ClientSampleId :

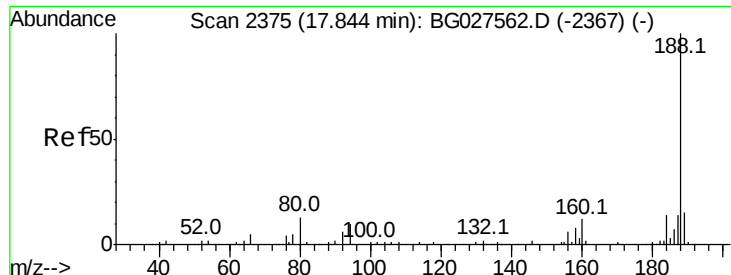
Tot Ion:138 Resp: 45571
Ion Ratio Lower Upper
138 100
92 58.9 44.2 84.2
108 112.8 104.8 144.8



#62
Azobenzene
Concen: 40.56 ng
RT: 16.39 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion: 77 Resp: 200519
Ion Ratio Lower Upper
77 100
182 25.3 4.7 44.7
105 19.7 0.0 36.3
51 36.6 16.4 56.4

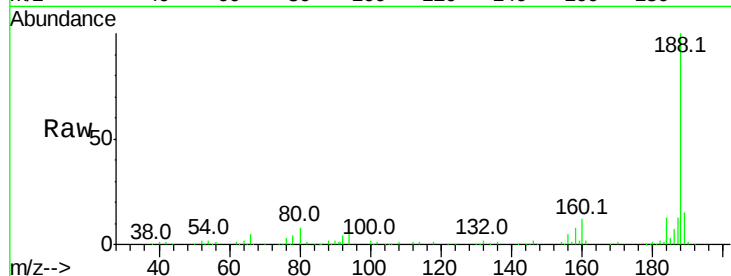




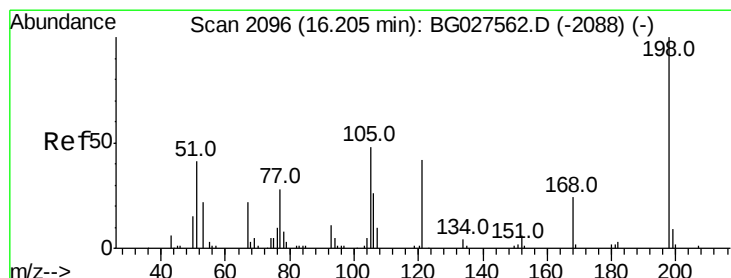
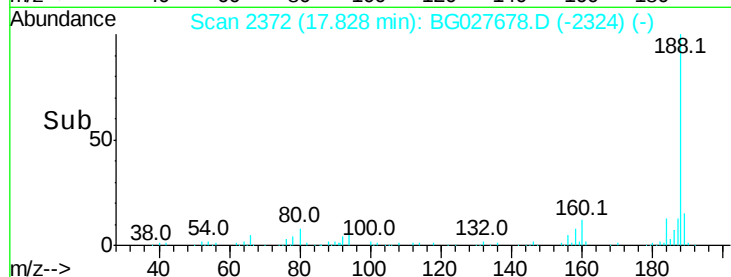
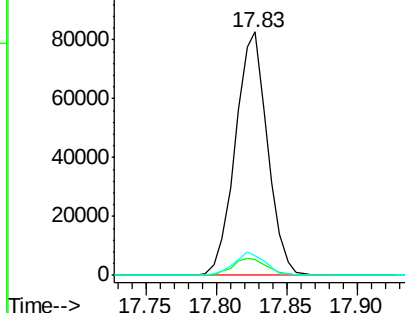
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.83 min Scan# 2372
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 130730
Ion Ratio Lower Upper
188 100
94 6.5 5.8 8.8
80 8.0 7.5 11.3

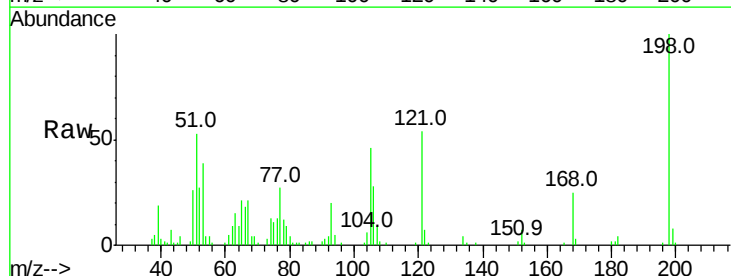


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

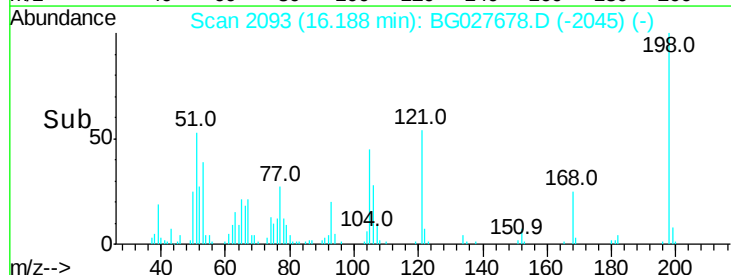
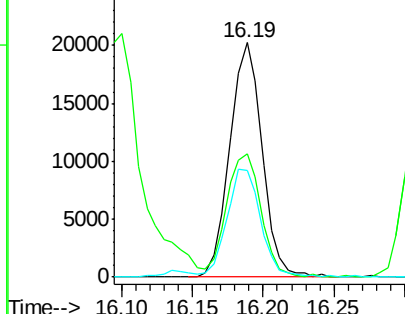


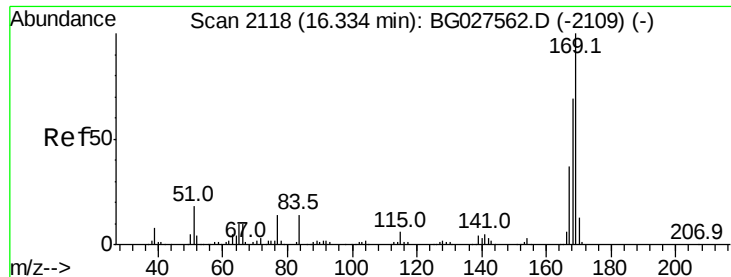
#64
4,6-Dinitro-2-methylphenol
Concen: 38.82 ng
RT: 16.19 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:198 Resp: 32226
Ion Ratio Lower Upper
198 100
51 52.7 22.6 62.6
105 45.6 14.4 54.4



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





#65

n-Nitrosodiphenylamine

Concen: 41.26 ng

RT: 16.31 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

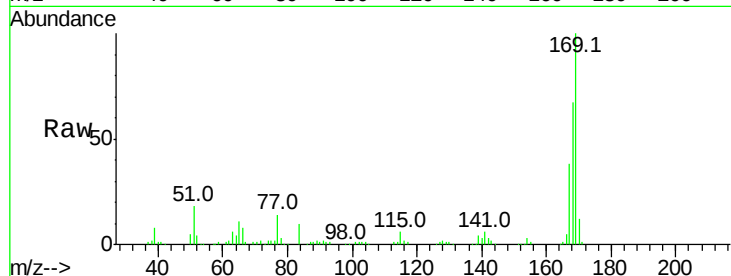
Tot Ion:169 Resp: 165361

Ion Ratio Lower Upper

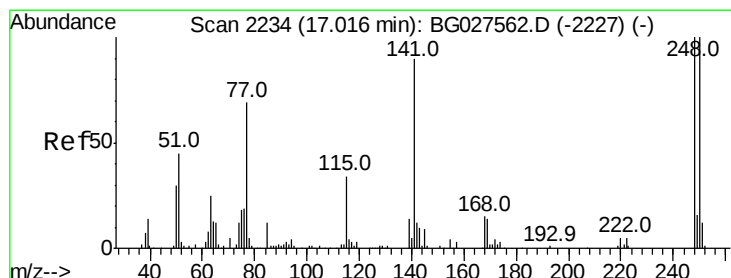
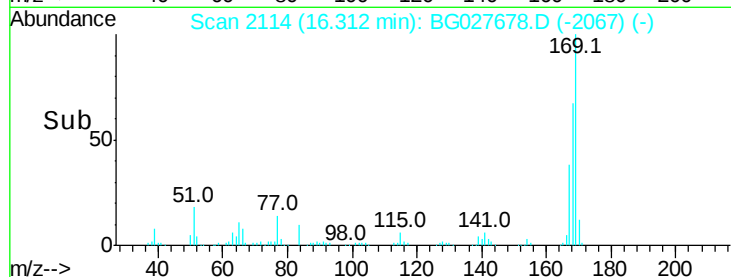
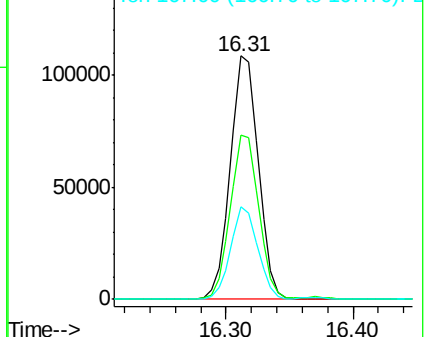
169 100

168 67.3 55.7 83.5

167 37.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.08 ng

RT: 17.00 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

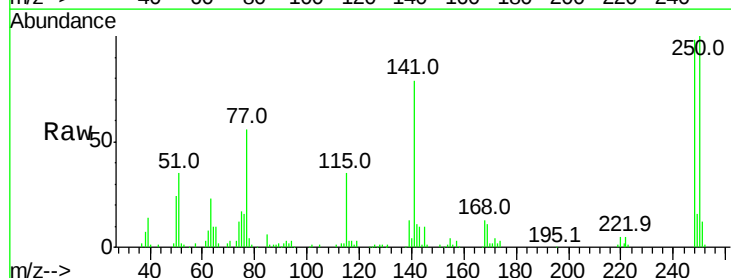
Tgt Ion:248 Resp: 64821

Ion Ratio Lower Upper

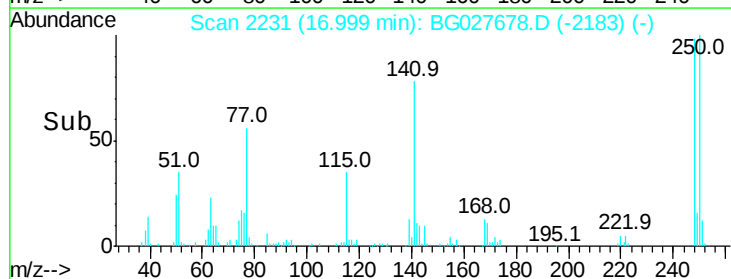
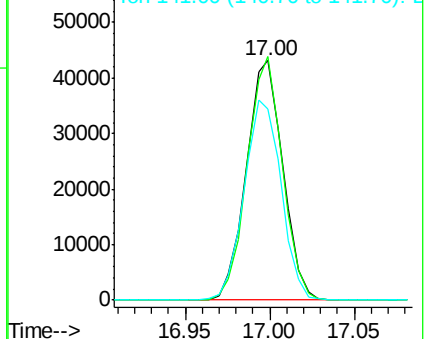
248 100

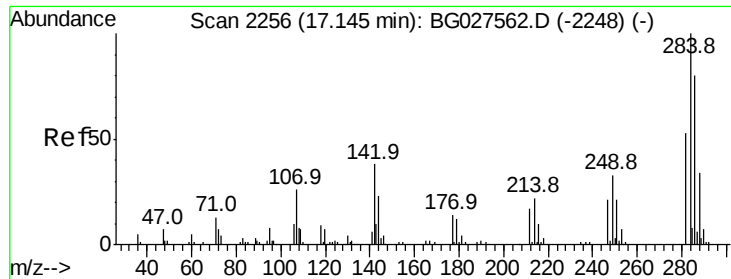
250 101.8 75.0 112.6

141 80.1 55.2 82.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.91 ng

RT: 17.13 min Scan# 2253

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

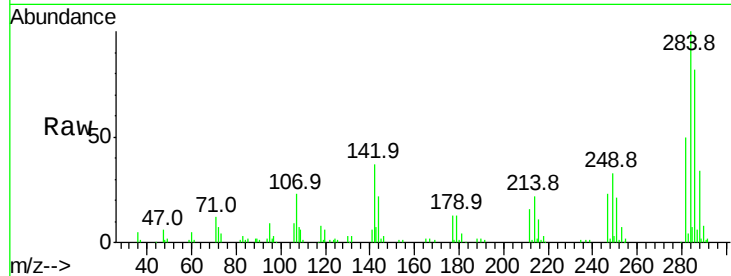
Instrument :

BNA_G

ClientSampled :

Tot Ion:284 Resp: 69004

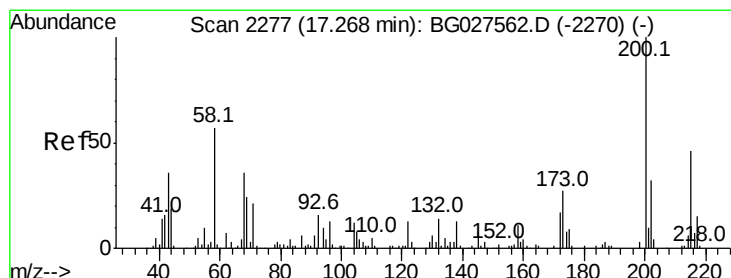
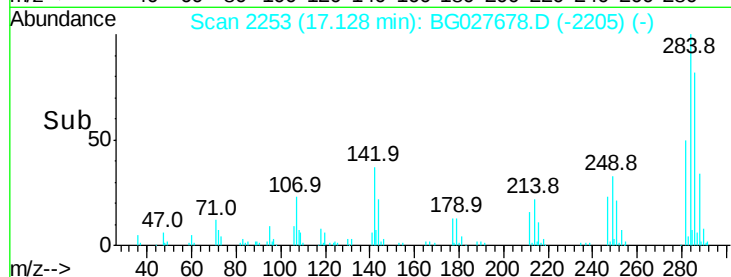
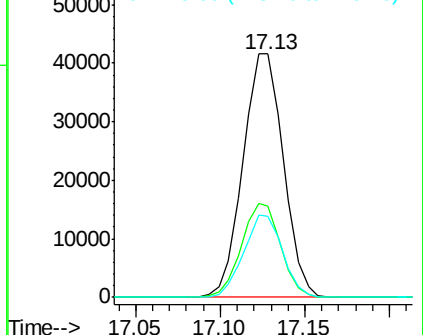
Ion	Ratio	Lower	Upper
284	100		
142	37.4	29.9	44.9
249	33.2	29.2	43.8



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: 44.47 ng

RT: 17.25 min Scan# 2274

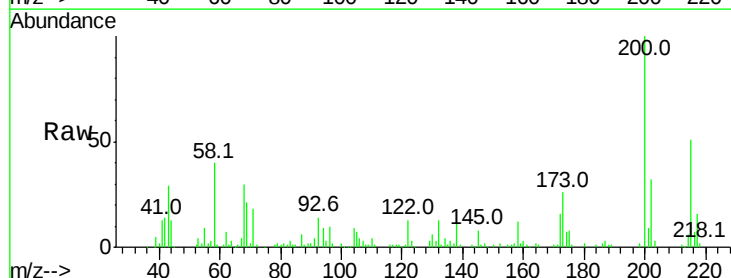
Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Tgt Ion:200 Resp: 65290

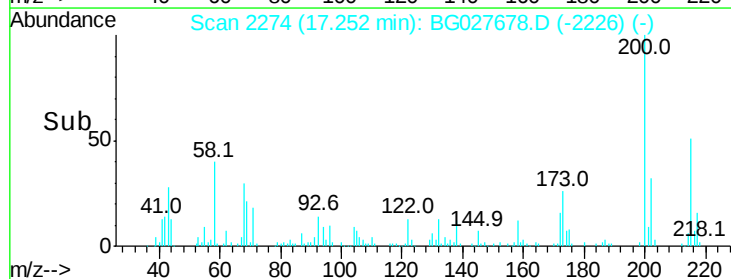
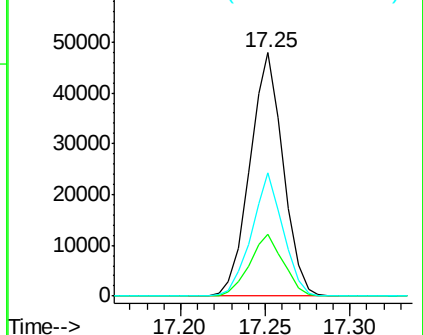
Ion	Ratio	Lower	Upper
200	100		
173	25.7	3.0	43.0
215	50.8	28.4	68.4

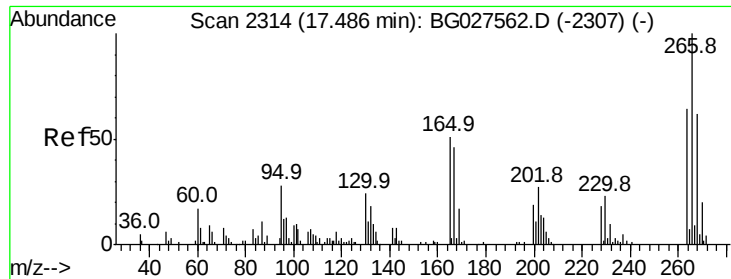


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

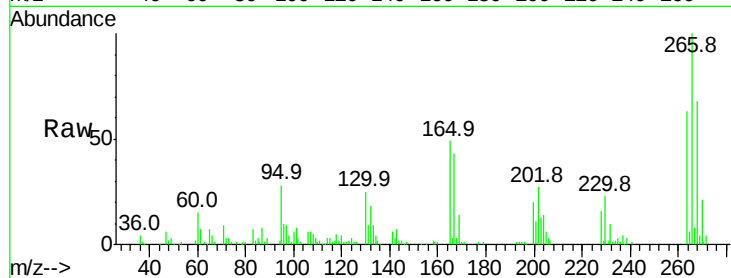




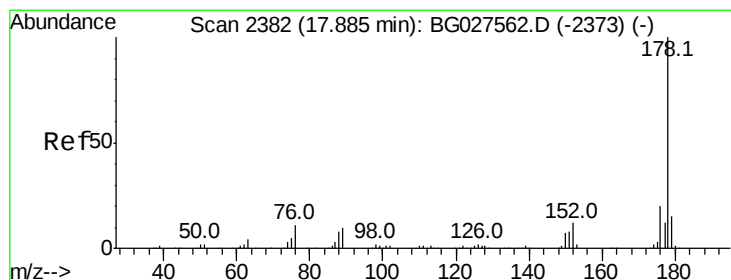
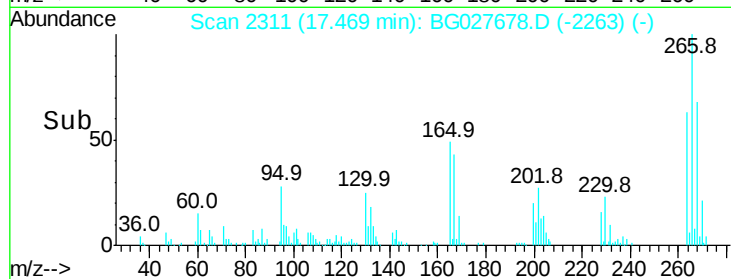
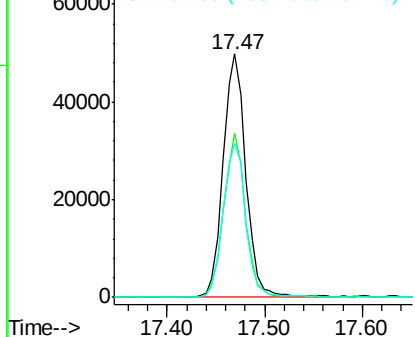
#69
 Pentachlorophenol
 Concen: 84.42 ng
 RT: 17.47 min Scan# 2311
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	48.6	72.8
264	63.1	50.1	75.1

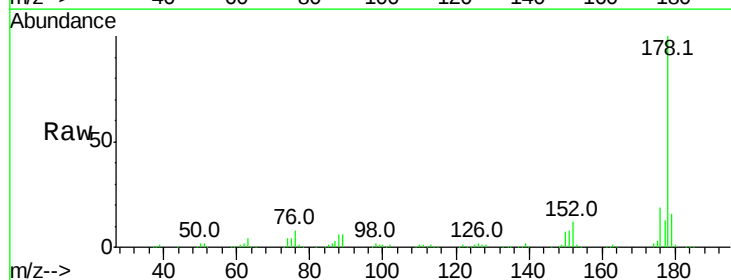


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

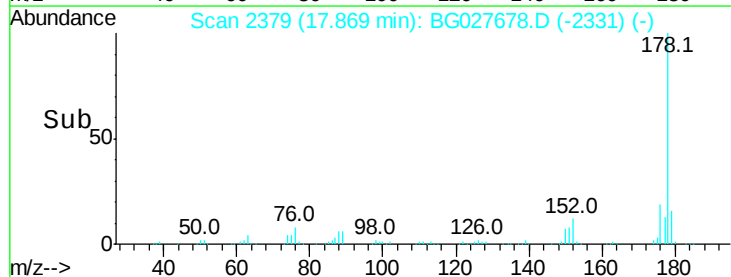
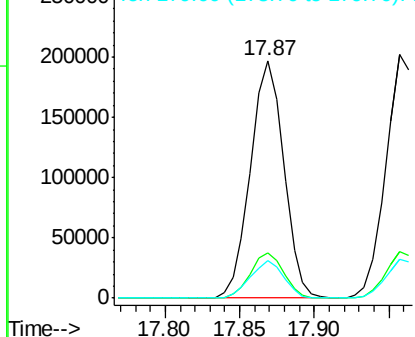


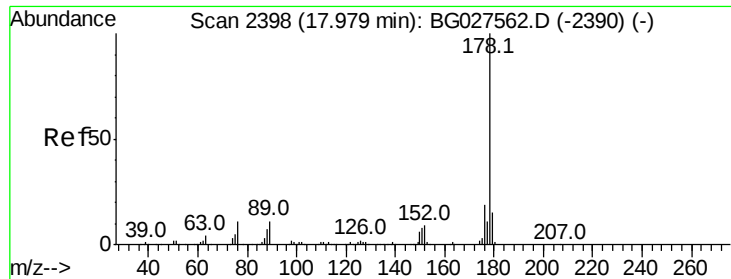
#70
 Phenanthrene
 Concen: 40.94 ng
 RT: 17.87 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.7	26.5
179	15.9	15.0	22.6



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

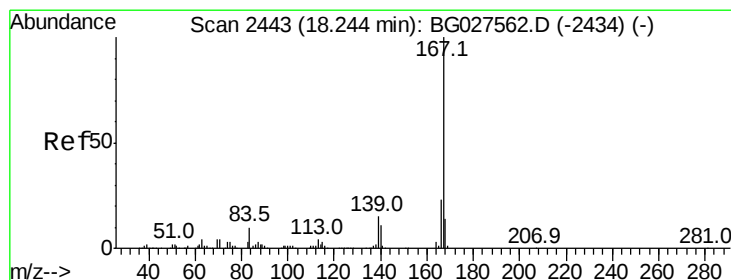
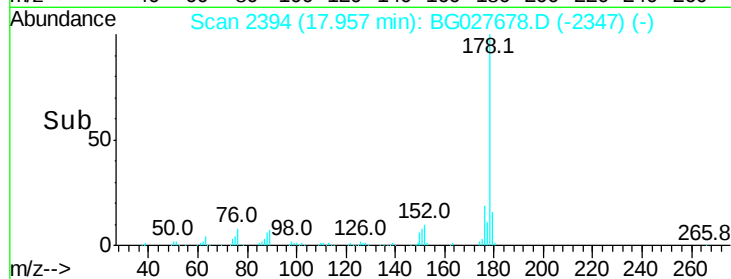
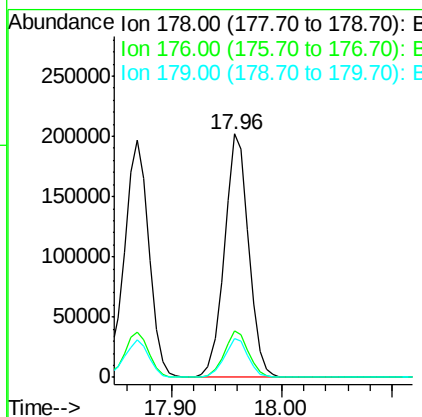
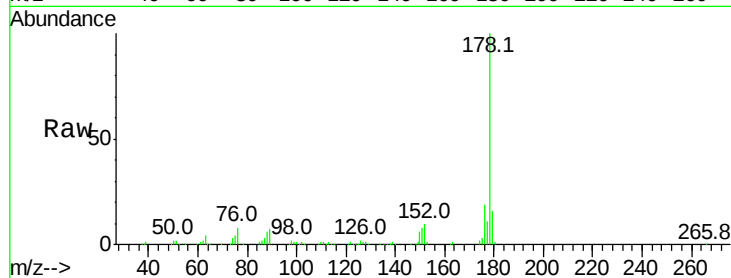




#71
 Anthracene
 Concen: 41.41 ng
 RT: 17.96 min Scan# 2394
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

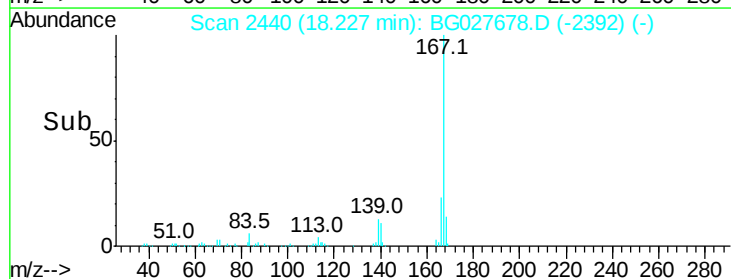
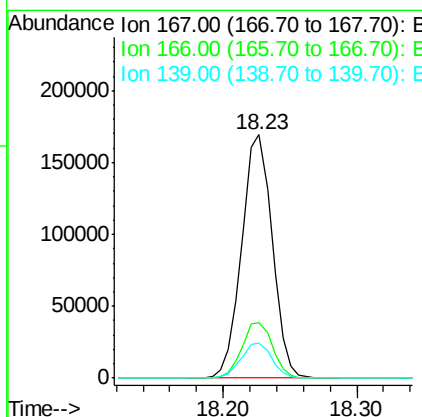
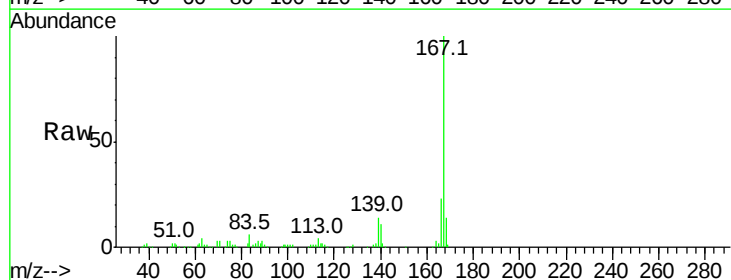
Instrument :
 BNA_G
 ClientSampleId :

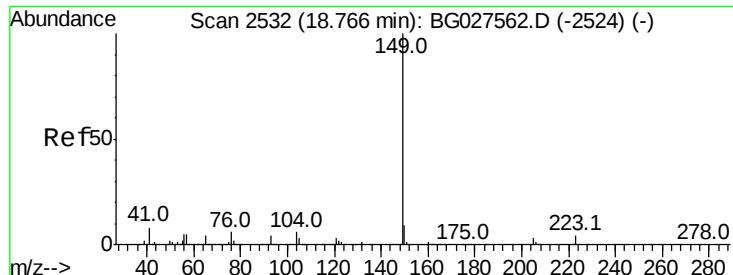
Tot Ion:178 Resp: 310056
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.4 24.6
 179 15.8 13.8 20.8



#72
 Carbazole
 Concen: 36.69 ng
 RT: 18.23 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion:167 Resp: 267681
 Ion Ratio Lower Upper
 167 100
 166 22.9 20.2 30.2
 139 14.2 12.8 19.2





#73

Di-n-butylphthalate

Concen: 41.38 ng

RT: 18.74 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

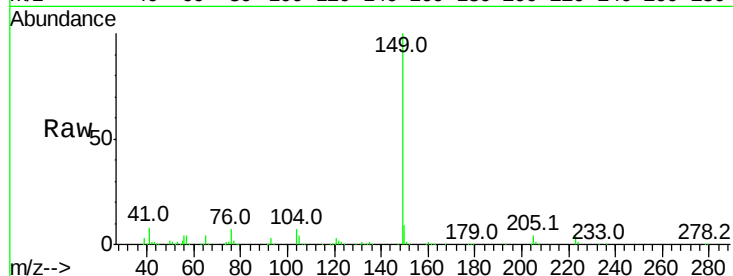
Tot Ion:149 Resp: 338244

Ion Ratio Lower Upper

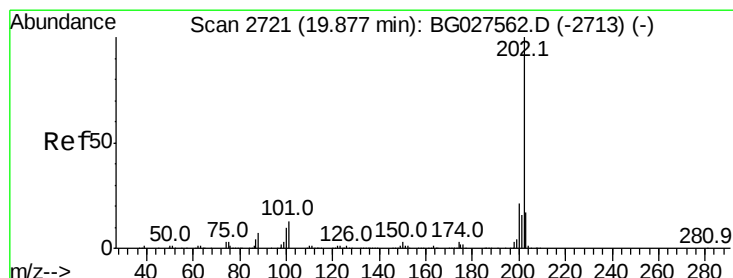
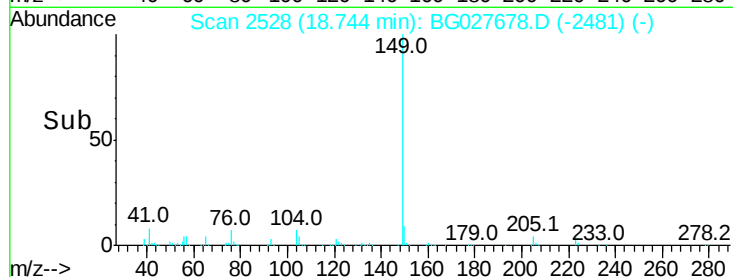
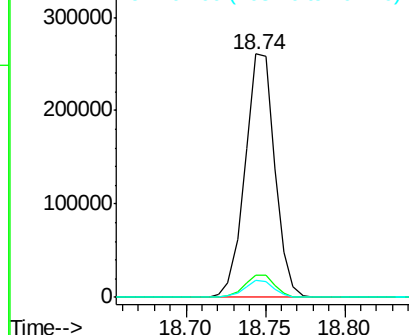
149 100

150 9.0 9.1 13.7#

104 7.1 6.7 10.1



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



#74

Fluoranthene

Concen: 42.65 ng

RT: 19.86 min Scan# 2718

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

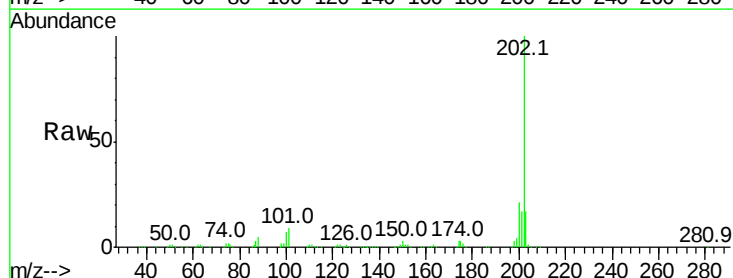
Tgt Ion:202 Resp: 369528

Ion Ratio Lower Upper

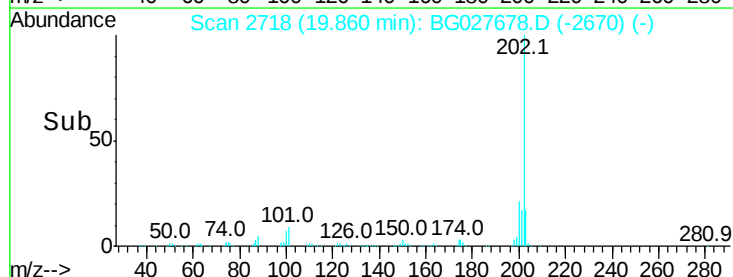
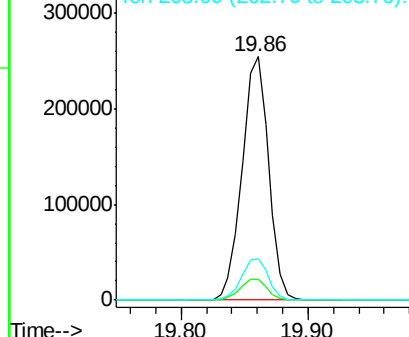
202 100

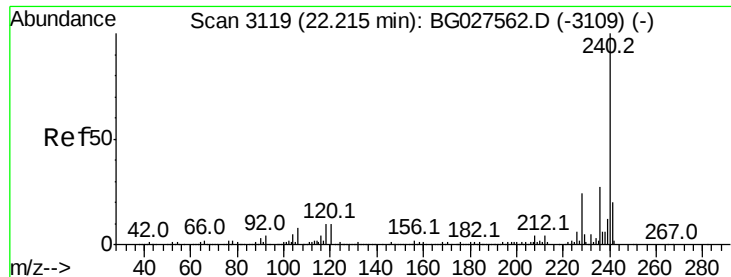
101 8.8 0.0 30.1

203 16.9 1.3 41.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.19 min Scan# 3114

Delta R.T. -0.03 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

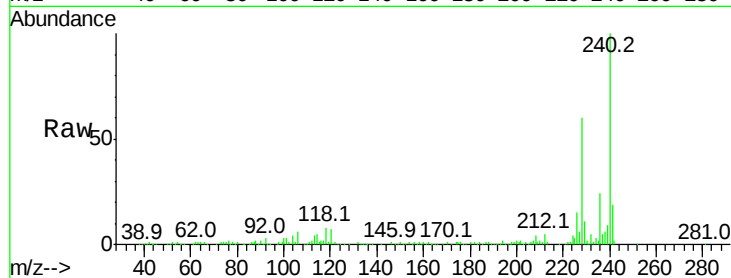
Tot Ion:240 Resp: 156202

Ion Ratio Lower Upper

240 100

120 7.0 5.7 8.5

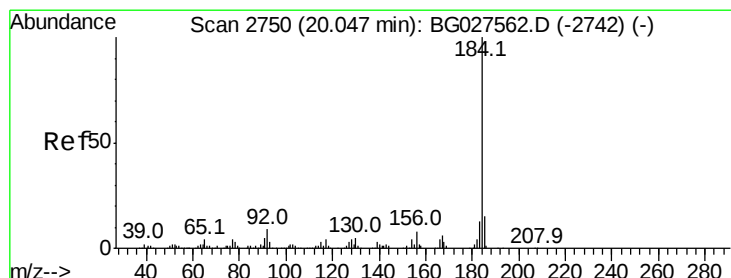
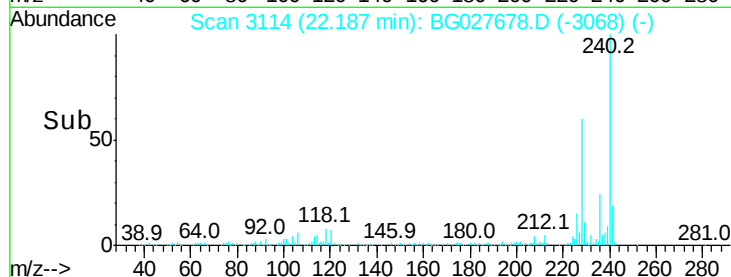
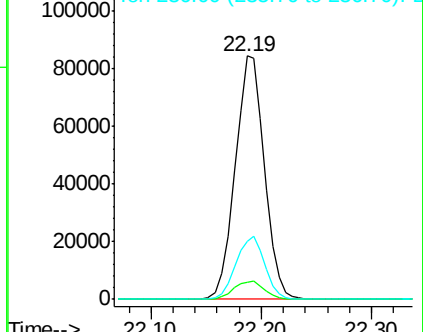
236 23.8 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.79 ng

RT: 20.02 min Scan# 2746

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

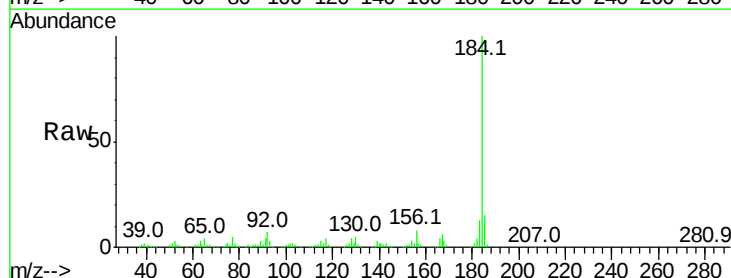
Tgt Ion:184 Resp: 167871

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.6

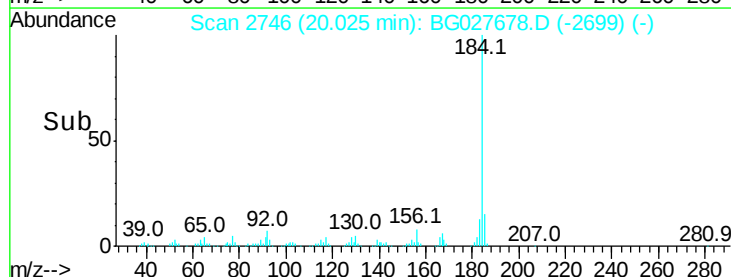
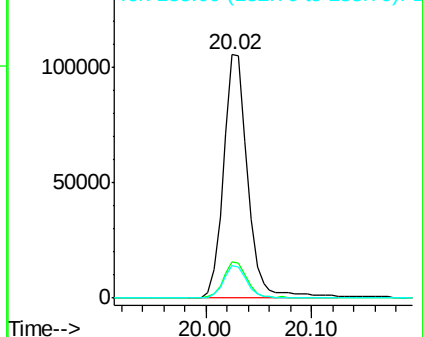
183 13.4 11.0 16.6

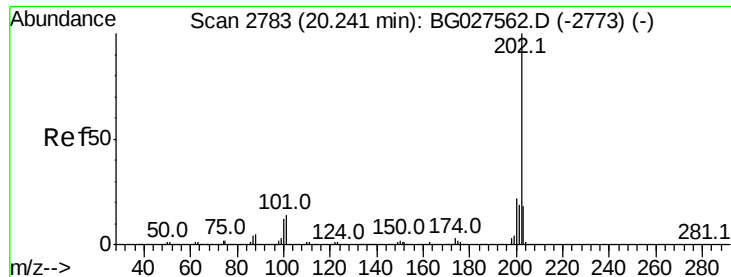


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.74 ng

RT: 20.22 min Scan# 2779

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

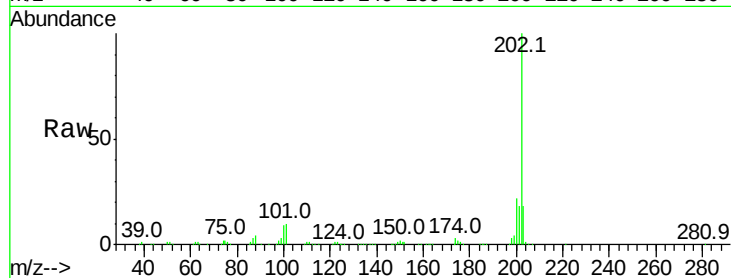
Tot Ion:202 Resp: 377302

Ion Ratio Lower Upper

202 100

200 21.6 19.6 29.4

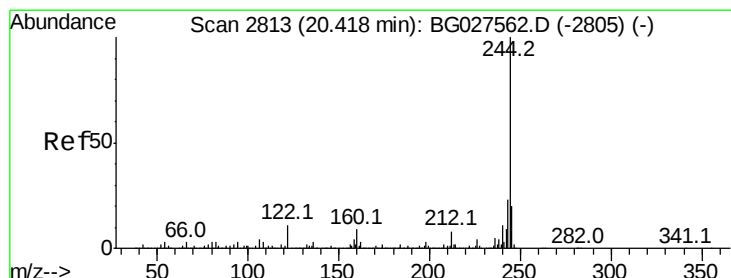
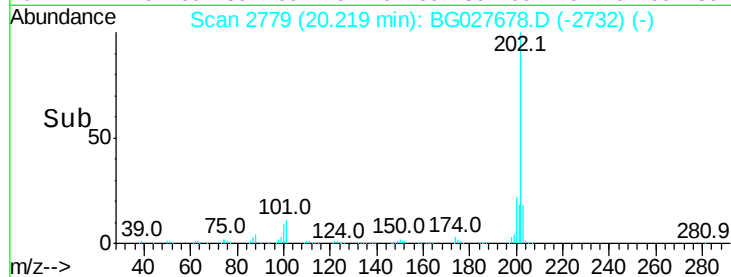
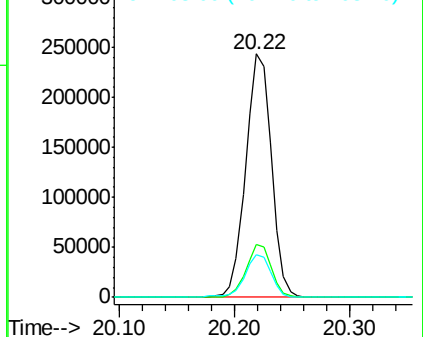
203 17.6 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.46 ng

RT: 20.40 min Scan# 2810

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

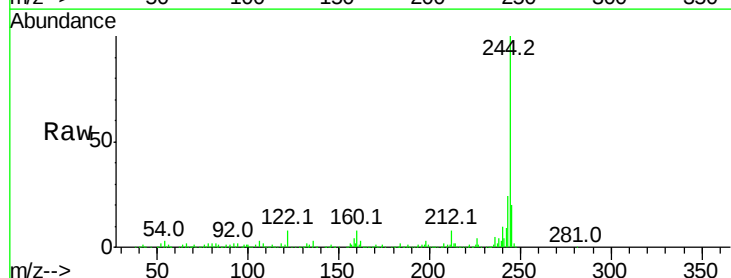
Tgt Ion:244 Resp: 619587

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

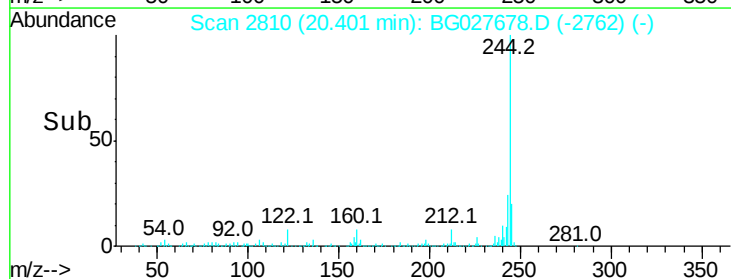
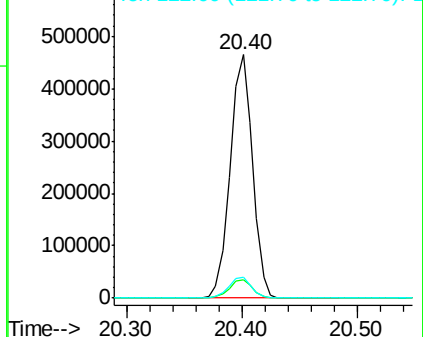
122 8.4 8.6 12.8#

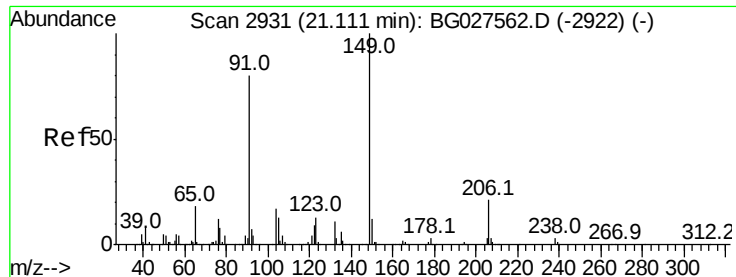


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

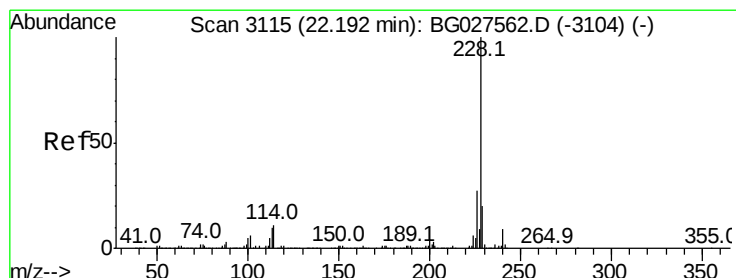
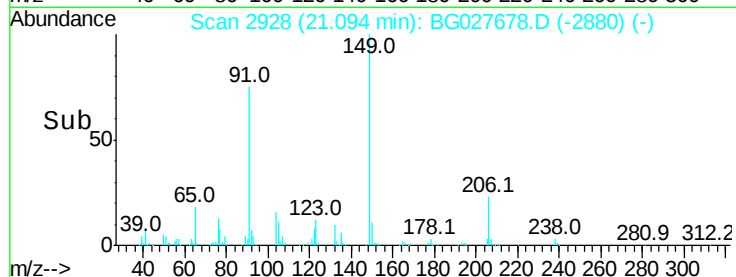
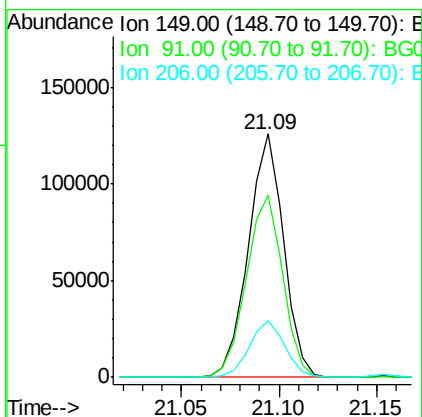
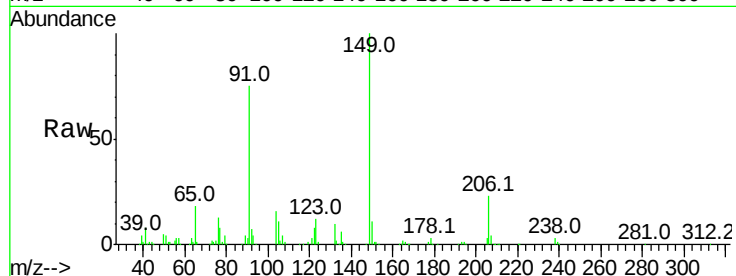




#79
 Butylbenzylphthalate
 Concen: 39.64 ng
 RT: 21.09 min Scan# 2928
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

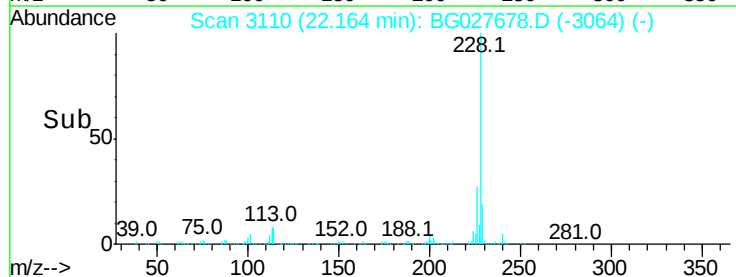
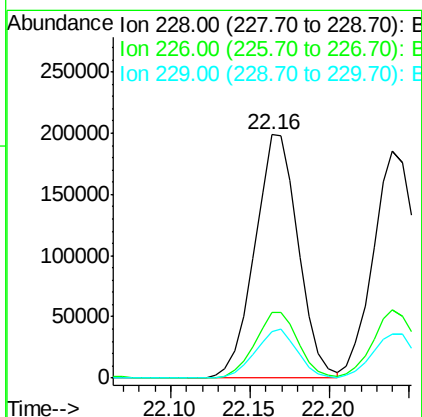
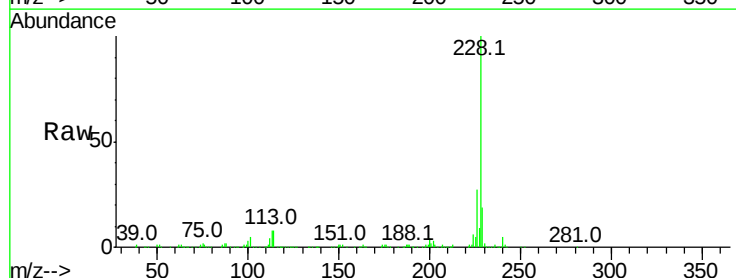
Instrument :
 BNA_G
 ClientSampleId :

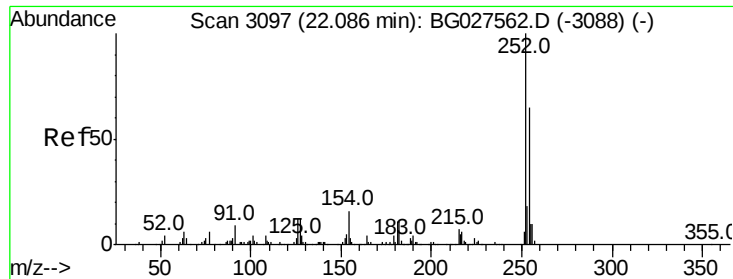
Tot Ion:149 Resp: 157079
 Ion Ratio Lower Upper
 149 100
 91 74.8 63.5 95.3
 206 23.1 21.0 31.6



#80
 Benzo(a)anthracene
 Concen: 40.42 ng
 RT: 22.16 min Scan# 3110
 Delta R.T. -0.03 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion:228 Resp: 378776
 Ion Ratio Lower Upper
 228 100
 226 27.0 24.9 37.3
 229 19.4 18.2 27.2

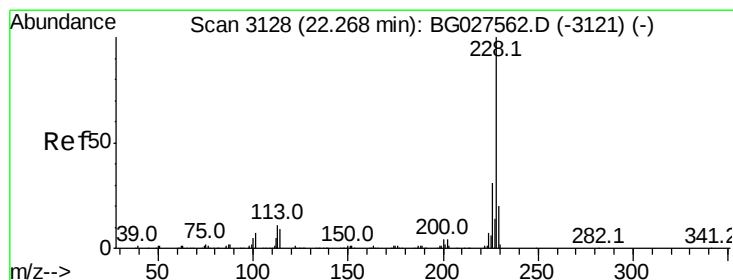
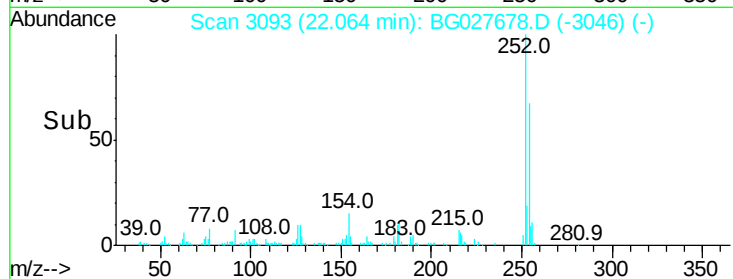
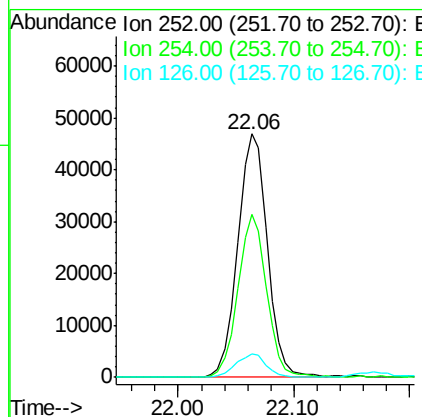
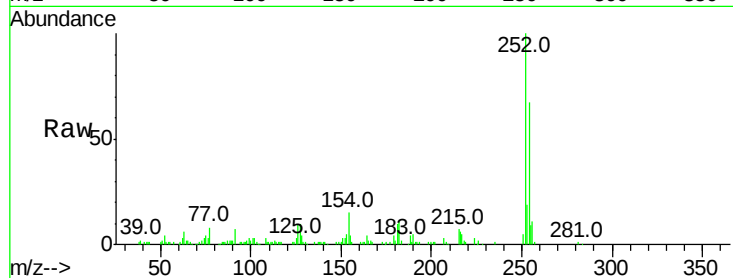




#81
 3,3'-Dichlorobenzidine
 Concen: 24.57 ng
 RT: 22.06 min Scan# 3093
 Delta R.T. -0.02 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

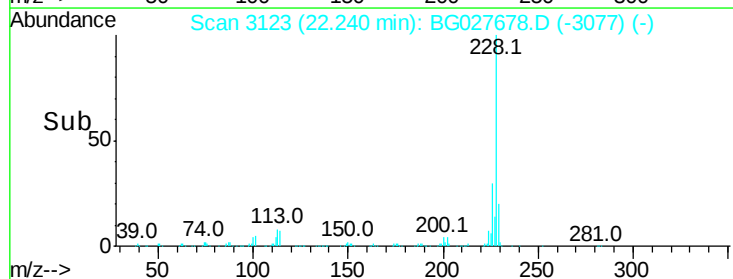
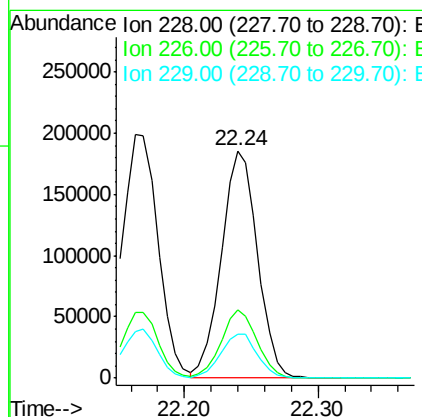
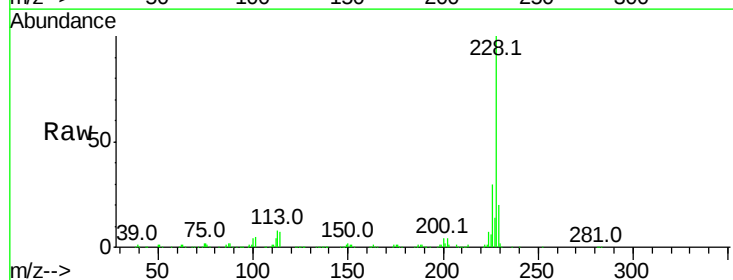
Instrument :
 BNA_G
 ClientSampleId :

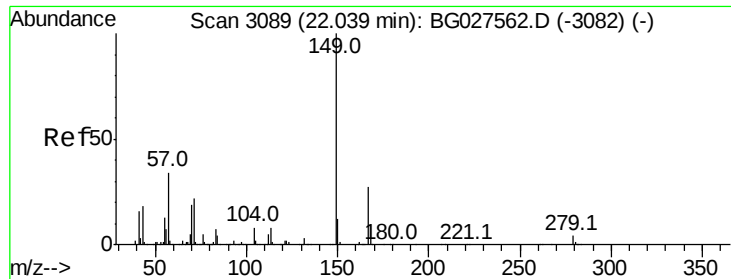
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	53.1	79.7
126	9.9	7.0	10.4



#82
 Chrysene
 Concen: 39.48 ng
 RT: 22.24 min Scan# 3123
 Delta R.T. -0.03 min
 Lab File: BG027678.D
 Acq: 26 Jun 2017 17:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	27.0	40.4
229	19.6	17.8	26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.69 ng

RT: 22.02 min Scan# 3085

Delta R.T. -0.02 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

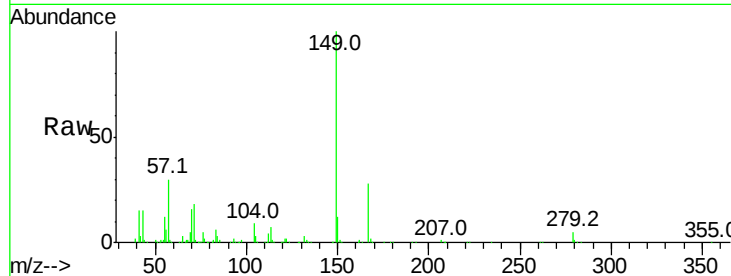
Tot Ion:149 Resp: 224764

Ion Ratio Lower Upper

149 100

167 28.5 23.7 35.5

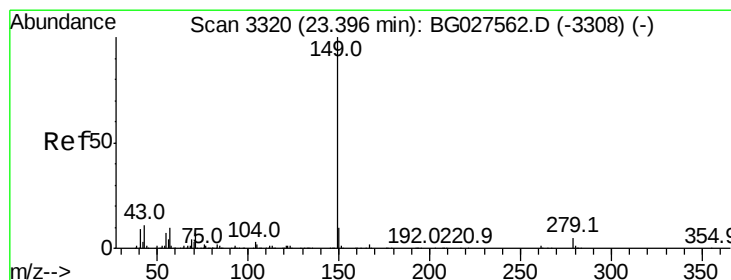
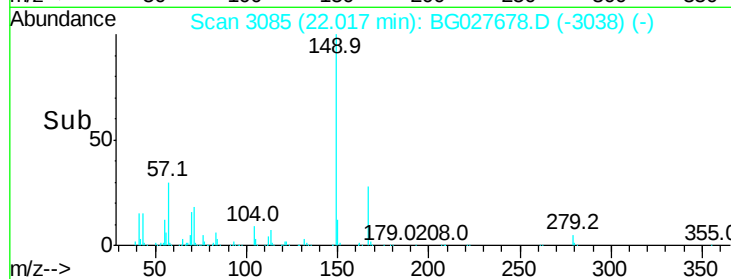
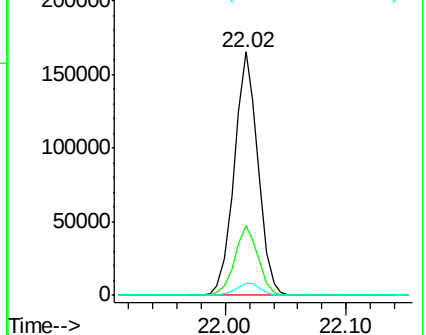
279 5.1 4.6 6.8



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: 39.61 ng

RT: 23.36 min Scan# 3314

Delta R.T. -0.03 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

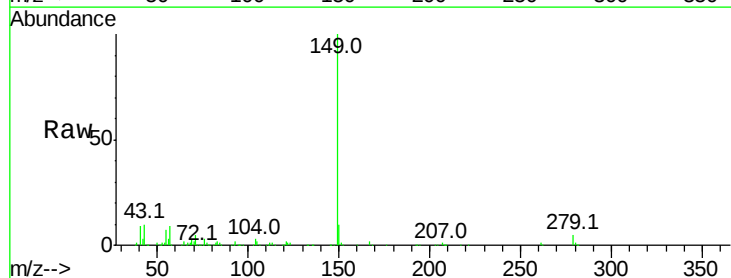
Tgt Ion:149 Resp: 382727

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

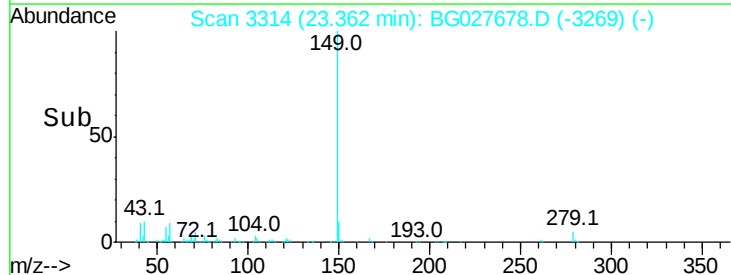
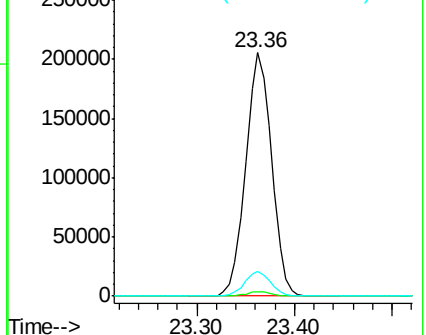
43 10.3 11.8 17.6#

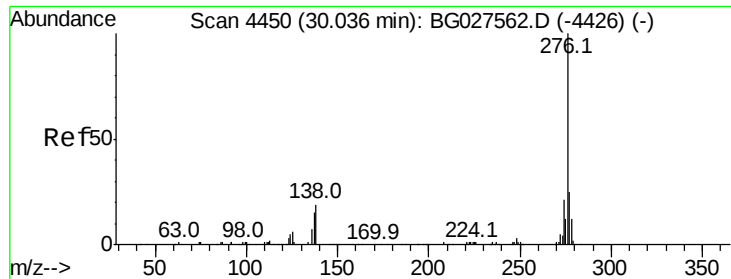


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

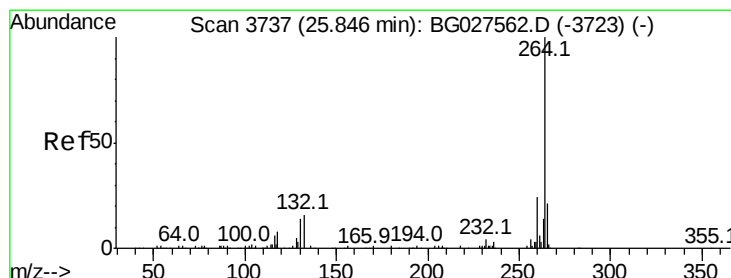
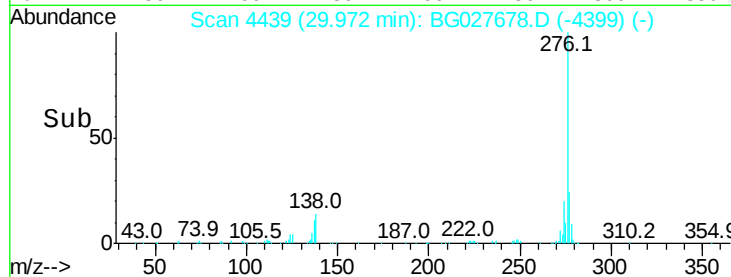
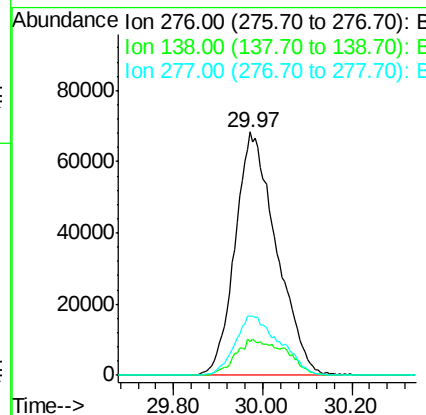
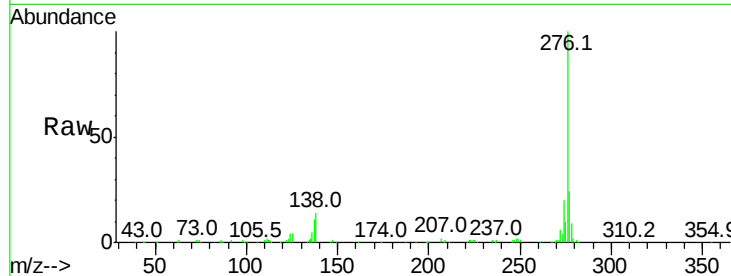




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.45 ng
RT: 29.97 min Scan# 4439
Delta R.T. -0.06 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

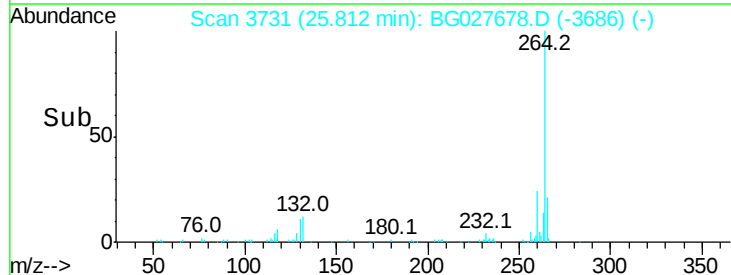
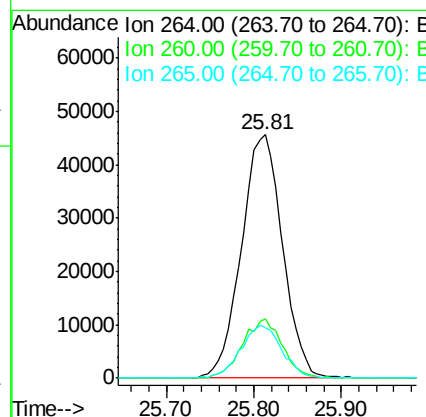
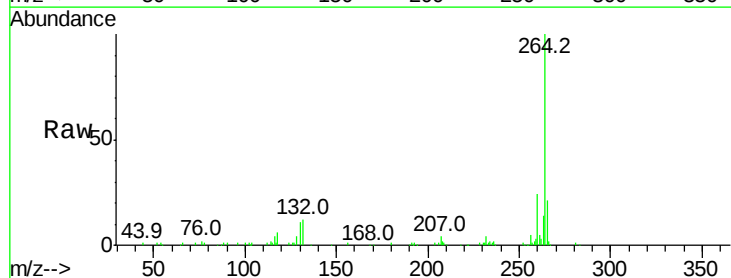
Instrument :
BNA_G
ClientSampleId :

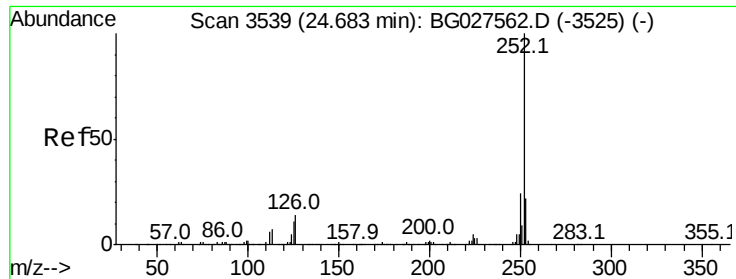
Tot Ion:276 Resp: 439750
Ion Ratio Lower Upper
276 100
138 13.5 4.7 7.1#
277 26.3 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.81 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:264 Resp: 145740
Ion Ratio Lower Upper
264 100
260 24.4 21.8 32.8
265 20.8 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 41.56 ng

RT: 24.65 min Scan# 3533

Delta R.T. -0.03 min

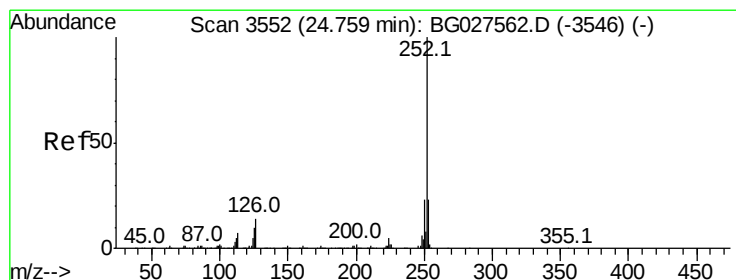
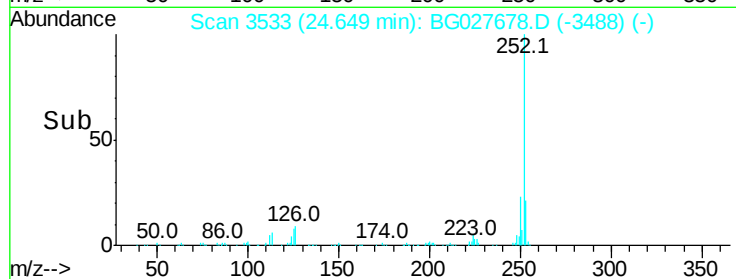
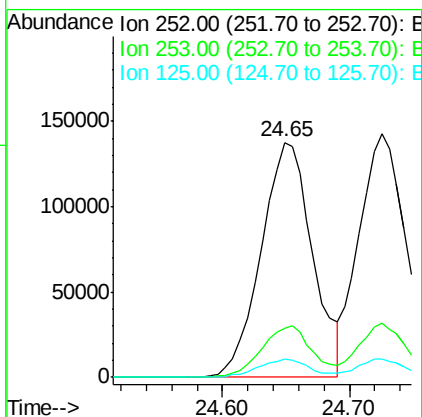
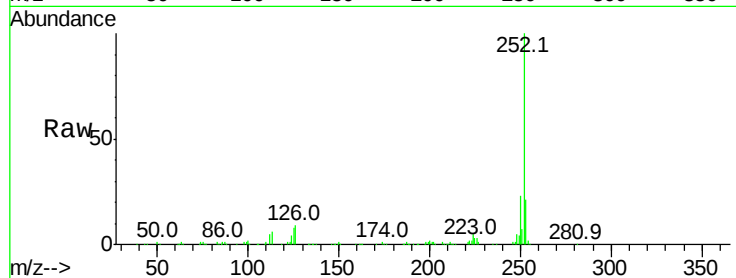
Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 387218

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.7	28.1
125	7.8	5.3	7.9



#88

Benzo(k)fluoranthene

Concen: 40.12 ng

RT: 24.73 min Scan# 3546

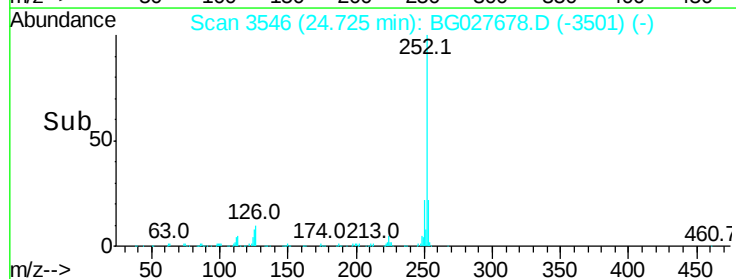
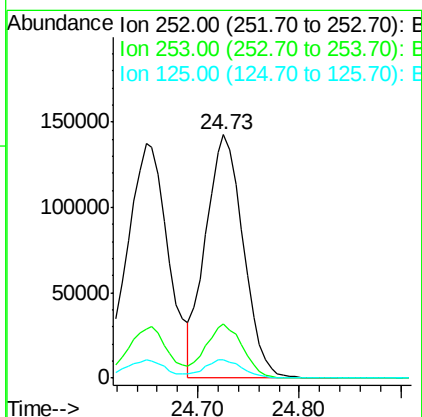
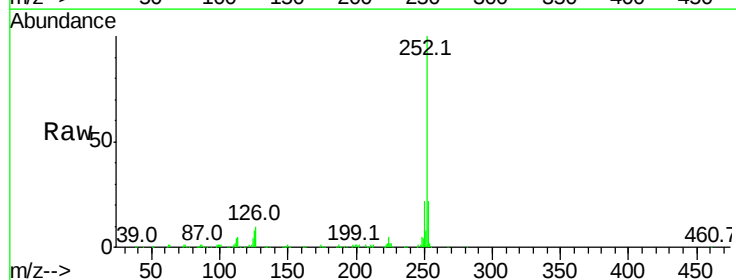
Delta R.T. -0.03 min

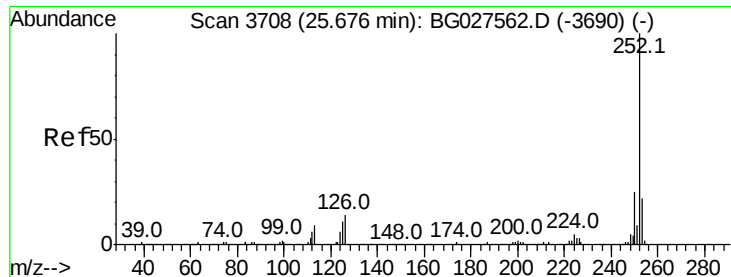
Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Tgt Ion:252 Resp: 365783

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.2	30.2
125	7.7	5.1	7.7#

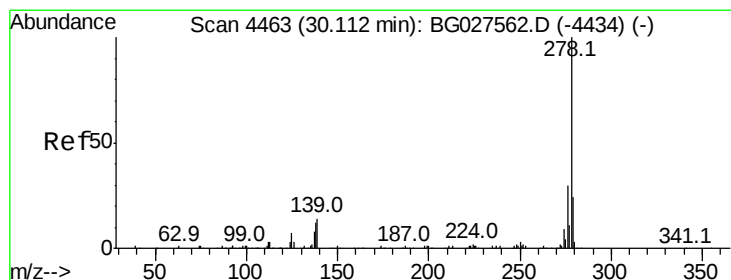
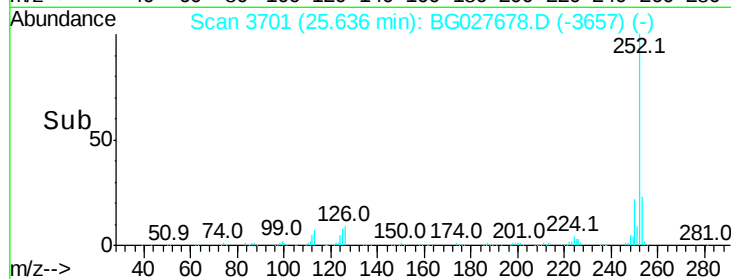
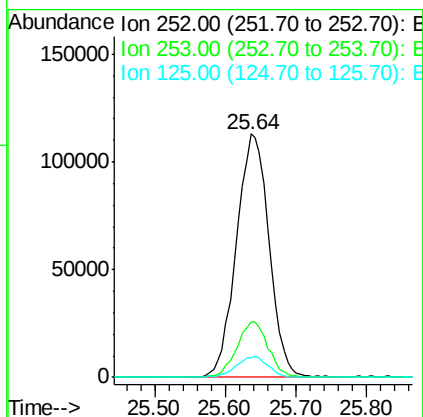
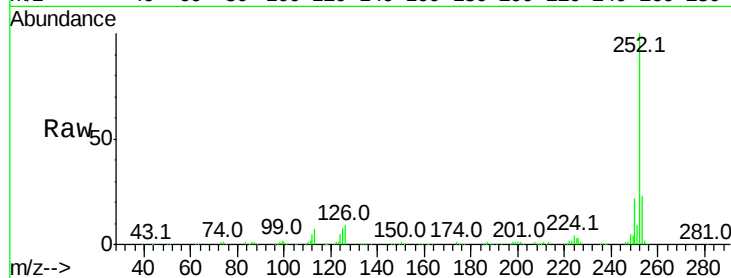




#89
Benzo(a)pyrene
Concen: 41.33 ng
RT: 25.64 min Scan# 3701
Delta R.T. -0.04 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

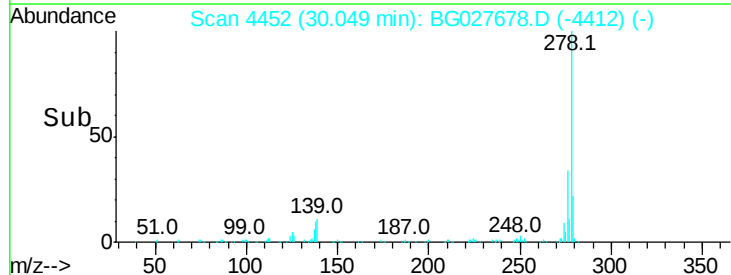
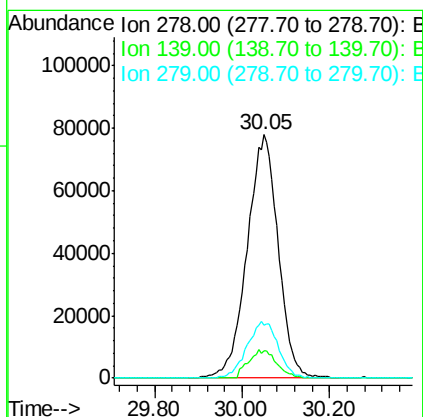
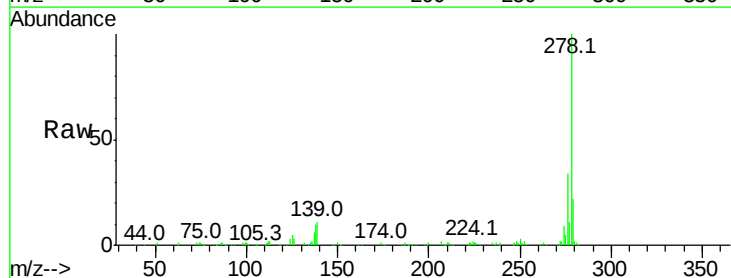
Instrument :
BNA_G
ClientSampleId :

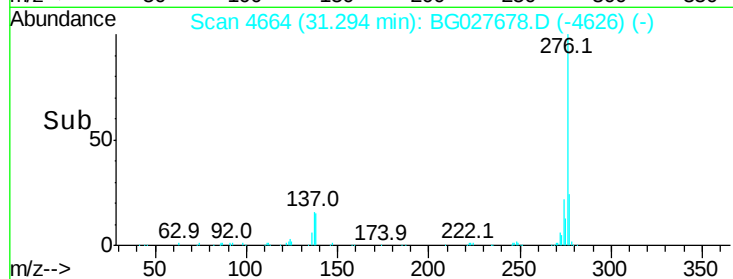
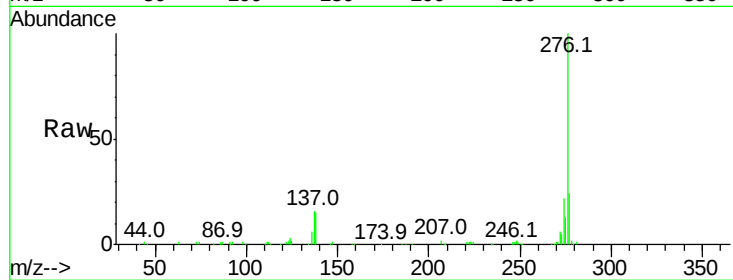
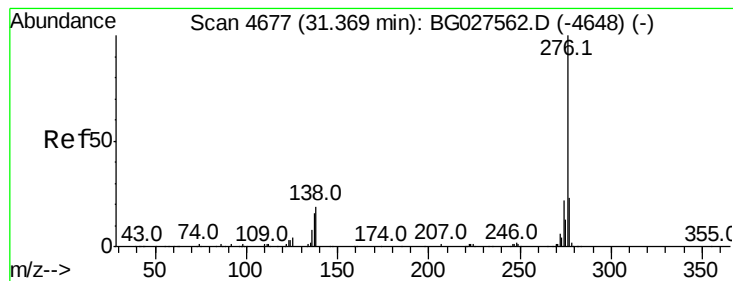
Tot Ion:252 Resp: 363428
Ion Ratio Lower Upper
252 100
253 22.7 19.2 28.8
125 8.2 5.4 8.0#



#90
Dibenzo(a,h)anthracene
Concen: 41.86 ng
RT: 30.05 min Scan# 4452
Delta R.T. -0.06 min
Lab File: BG027678.D
Acq: 26 Jun 2017 17:11

Tgt Ion:278 Resp: 374960
Ion Ratio Lower Upper
278 100
139 11.2 7.7 11.5
279 21.8 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 41.30 ng

RT: 31.29 min Scan# 4664

Delta R.T. -0.08 min

Lab File: BG027678.D

Acq: 26 Jun 2017 17:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 359300

Ion Ratio Lower Upper

276 100

277 24.0 18.6 27.8

138 15.1 8.1 12.1#

