

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122917\
 Data File : BG031862.D
 Acq On : 29 Dec 2017 20:06
 Operator : SJ/JU
 Sample : IDOC-02 AP
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 31 21:52:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	49407	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	215904	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	152743	20.00	ng	0.00
63) Phenanthrene-d10	18.15	188	390717	20.00	ng	0.00
75) Chrysene-d12	22.50	240	427191	20.00	ng	-0.01
86) Perylene-d12	26.23	264	461194	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	429544	158.35	ng	0.00
7) Phenol-d6	7.89	99	564691	160.34	ng	0.00
23) Nitrobenzene-d5	9.99	82	307557	107.57	ng	0.00
41) 2,4,6-Tribromophenol	16.90	330	387584	166.30	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1110997	91.29	ng	0.00
78) Terphenyl-d14	20.69	244	1909739	102.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.86	88	34033	33.846	ng	# 73
3) Pyridine	4.31	79	91071	33.883	ng	# 76
4) n-Nitrosodimethylamine	4.22	42	44250	40.798	ng	# 83
6) Aniline	8.08	93	82417	18.189	ng	# 90
8) 2-Chlorophenol	8.34	128	146328	46.504	ng	# 81
9) Benzaldehyde	7.88	77	40873	19.274	ng	# 87
10) Phenol	7.92	94	168347	47.346	ng	# 90
11) bis(2-Chloroethyl)ether	8.17	93	114570	38.798	ng	# 84
12) 1,3-Dichlorobenzene	8.67	146	158155	40.475	ng	# 92
13) 1,4-Dichlorobenzene	8.82	146	160002	40.085	ng	# 93
14) 1,2-Dichlorobenzene	9.16	146	152665	40.364	ng	# 94
15) Benzyl Alcohol	9.02	79	114431	43.282	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	9.31	45	119799	49.817	ng	# 82
17) 2-Methylphenol	9.22	107	119358	46.915	ng	# 95
18) Hexachloroethane	9.91	117	49034	40.560	ng	# 87
19) n-Nitroso-di-n-propylamine	9.60	70	91284	37.953	ng	# 81
20) 3+4-Methylphenols	9.56	107	166002	45.909	ng	# 96
22) Acetophenone	9.63	105	204205	40.710	ng	# 84
24) Nitrobenzene	10.03	77	130420	44.258	ng	# 77
25) Isophorone	10.56	82	264359	42.950	ng	# 85
26) 2-Nitrophenol	10.76	139	84699	54.820	ng	# 81
27) 2,4-Dimethylphenol	10.79	122	156811	48.231	ng	# 89
28) bis(2-Chloroethoxy)methane	11.03	93	166884	40.408	ng	# 93
29) 2,4-Dichlorophenol	11.30	162	178107	46.664	ng	# 91
30) 1,2,4-Trichlorobenzene	11.53	180	183366	39.346	ng	# 99
31) Naphthalene	11.73	128	445582	40.894	ng	# 98
32) Benzoic acid	10.89	122	78242	37.063	ng	# 79
33) 4-Chloroaniline	11.81	127	84011	17.318	ng	# 89
34) Hexachlorobutadiene	12.00	225	121803	38.070	ng	# 99
35) Caprolactam	12.57	113	59547	51.469	ng	# 50
36) 4-Chloro-3-methylphenol	12.89	107	168121	47.693	ng	# 81
37) 2-Methylnaphthalene	13.28	142	373950	42.335	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	249167	38.729	ng	# 98
40) Hexachlorocyclopentadiene	13.61	237	276321	81.414	ng	# 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

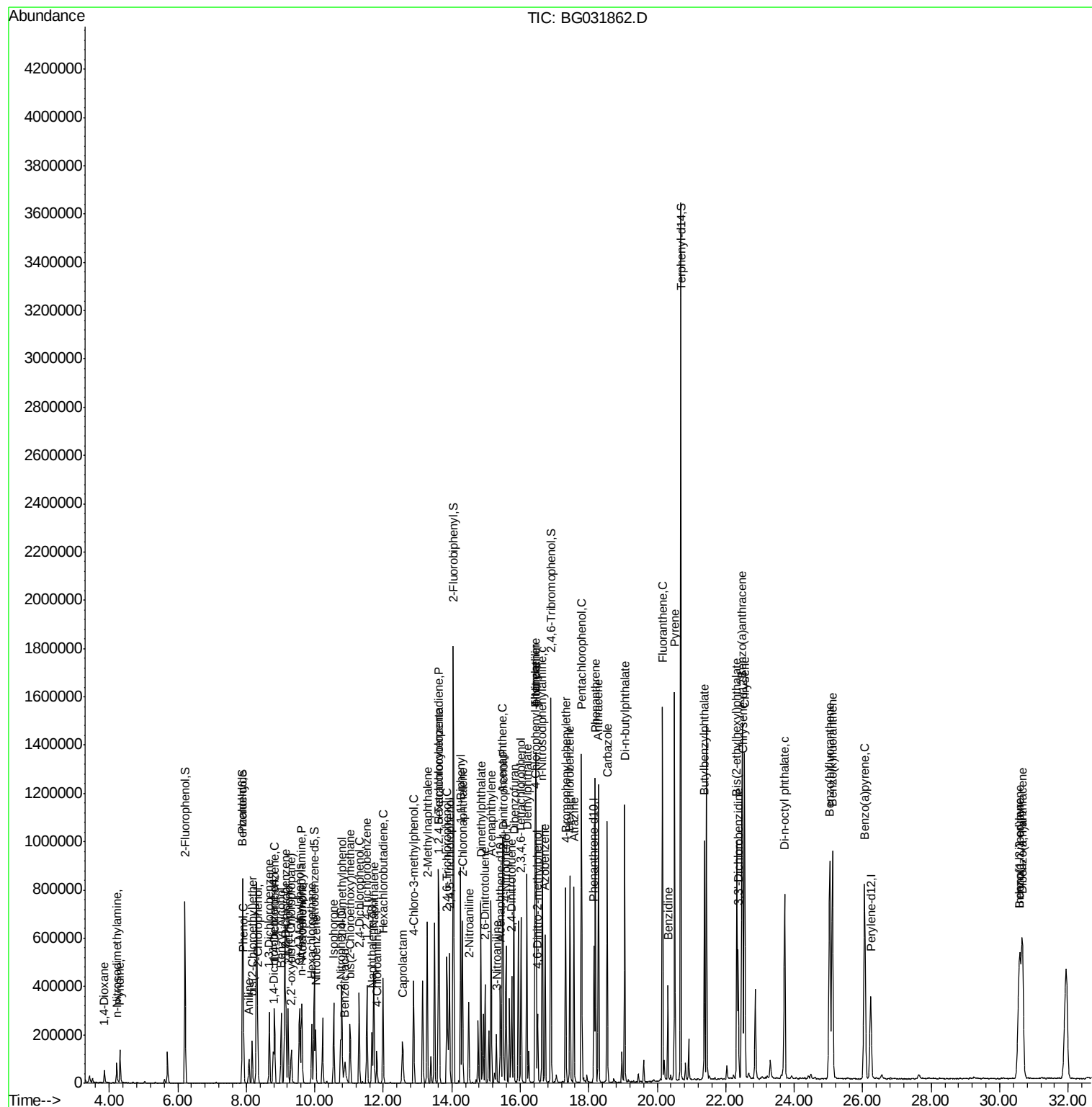
42) 2,4,6-Trichlorophenol	13.86	196	167553	45.170	nq	96
43) 2,4,5-Trichlorophenol	13.93	196	184402	44.858	nq	# 90
45) 1,1'-Biphenyl	14.26	154	536393	41.116	nq	94
46) 2-Chloronaphthalene	14.31	162	402699	40.469	nq	94
47) 2-Nitroaniline	14.50	65	90317	52.553	nq	# 56
48) Acenaphthylene	15.15	152	629277	39.529	nq	100
49) Dimethylphthalate	14.85	163	617515	45.891	nq	99
50) 2,6-Dinitrotoluene	14.97	165	124645	50.354	nq	# 64
51) Acenaphthene	15.49	154	469464	45.028	nq	97
52) 3-Nitroaniline	15.30	138	67612	27.996	nq	# 69
53) 2,4-Dinitrophenol	15.50	184	144027	131.525	nq	# 71
54) Dibenzofuran	15.81	168	662265	41.438	nq	97
55) 4-Nitrophenol	15.59	139	200769	102.139	nq	# 67
56) 2,4-Dinitrotoluene	15.75	165	178922	56.211	nq	# 63
57) Fluorene	16.46	166	529636	40.794	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.03	232	194572	48.514	nq	# 85
59) Diethylphthalate	16.19	149	534711	40.770	nq	95
60) 4-Chlorophenyl-phenylether	16.43	204	318710	40.120	nq	94
61) 4-Nitroaniline	16.46	138	105918	44.942	nq	77
62) Azobenzene	16.73	77	346316	41.174	nq	83
64) 4,6-Dinitro-2-methylphenol	16.51	198	98294	51.070	nq	# 65
65) n-Nitrosodiphenylamine	16.64	169	503387	38.792	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	231318	40.941	nq	94
67) Hexachlorobenzene	17.45	284	243095	42.089	nq	# 89
68) Atrazine	17.57	200	219409	43.483	nq	97
69) Pentachlorophenol	17.79	266	329844	83.028	nq	99
70) Phenanthrene	18.19	178	904891	40.924	nq	97
71) Anthracene	18.28	178	932771	41.819	nq	99
72) Carbazole	18.54	167	814188	41.241	nq	100
73) Di-n-butylphthalate	19.05	149	911642	41.552	nq	99
74) Fluoranthene	20.16	202	1123555	41.412	nq	96
76) Benzidine	20.31	184	255689	19.392	nq	98
77) Pyrene	20.51	202	1128022	41.338	nq	98
79) Butylbenzylphthalate	21.38	149	401038	43.780	nq	# 75
80) Benzo(a)anthracene	22.48	228	1126096	41.440	nq	99
81) 3,3'-Dichlorobenzidine	22.37	252	256735	24.368	nq	# 98
82) Chrysene	22.55	228	1052737	40.945	nq	98
83) Bis(2-ethylhexyl)phthalate	22.32	149	553982	41.743	nq	# 95
84) Di-n-octyl phthalate	23.72	149	942183	42.154	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.58	276	1425648	43.221	nq	# 90
87) Benzo(b)fluoranthene	25.03	252	1186918	41.460	nq	# 97
88) Benzo(k)fluoranthene	25.12	252	1144864	39.960	nq	# 97
89) Benzo(a)pyrene	26.06	252	1156530	42.182	nq	# 97
90) Dibenzo(a,h)anthracene	30.66	278	1176945	41.563	nq	96
91) Benzo(g,h,i)perylene	30.58	276	1425648	42.642	nq	# 93

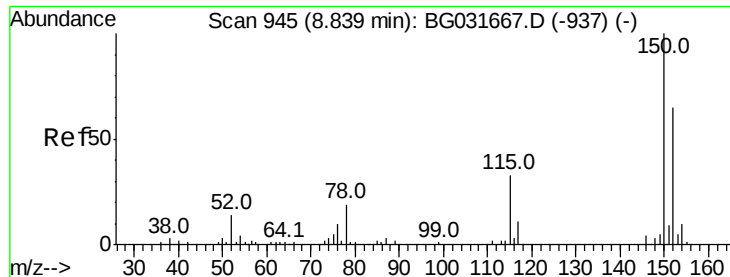
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.79 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampled :

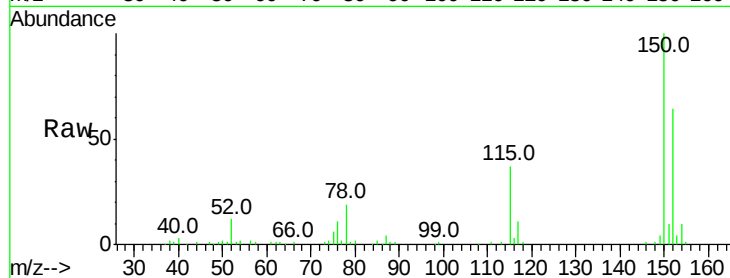
Tot Ion:152 Resp: 49407

Ion Ratio Lower Upper

152 100

150 157.1 126.6 189.8

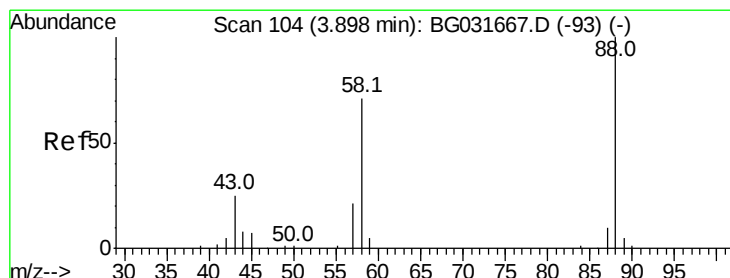
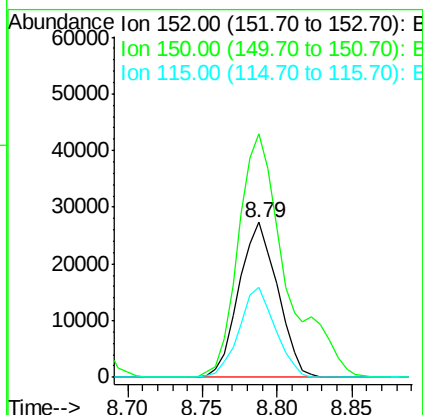
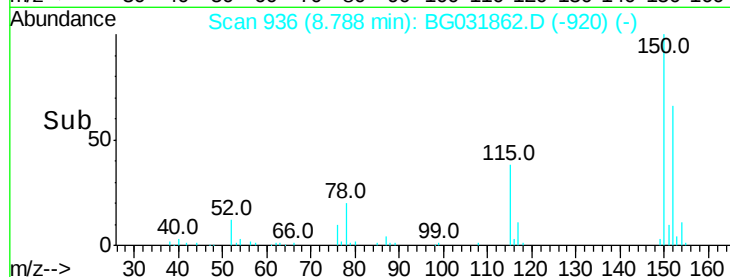
115 57.8 53.0 79.4



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: 33.846 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

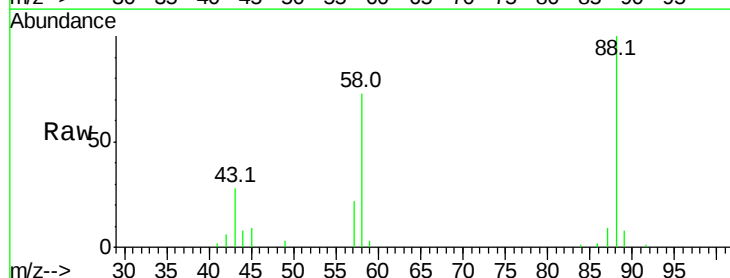
Tgt Ion: 88 Resp: 34033

Ion Ratio Lower Upper

88 100

58 69.4 79.6 119.4#

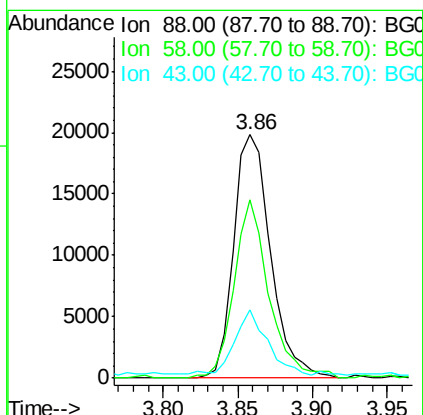
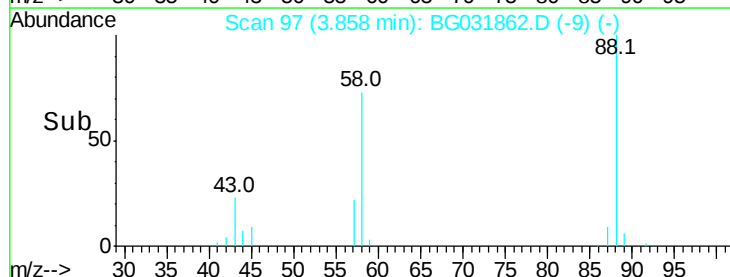
43 23.7 27.4 41.0#

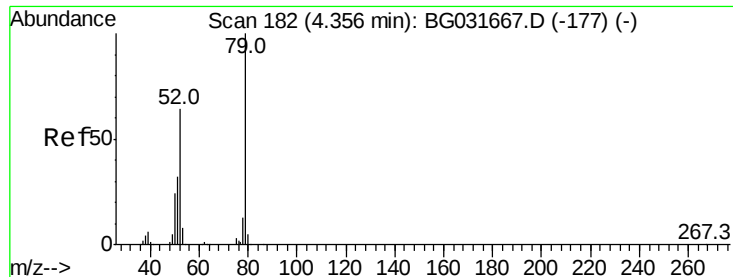


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.883 ng

RT: 4.31 min Scan# 174

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

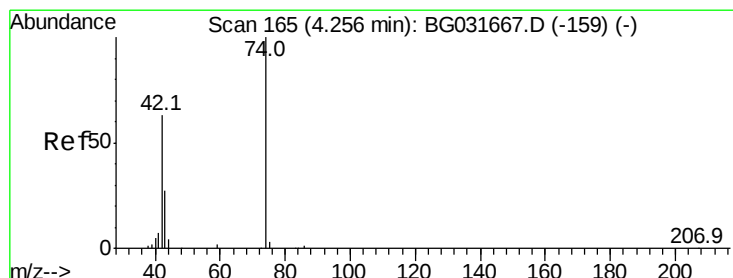
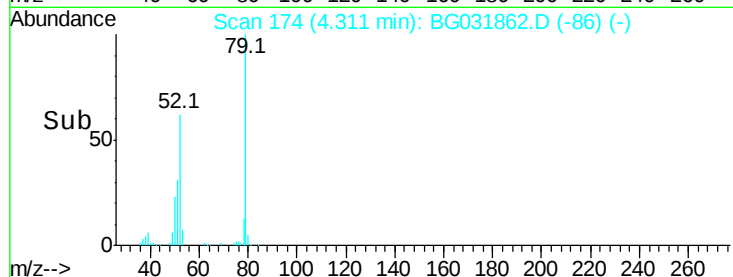
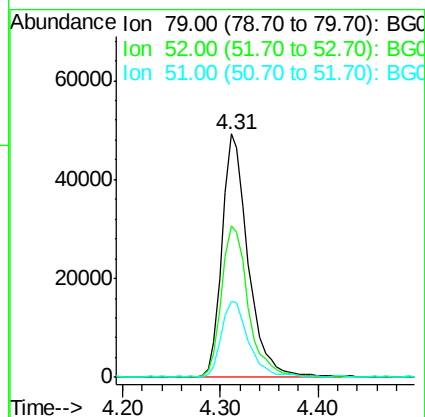
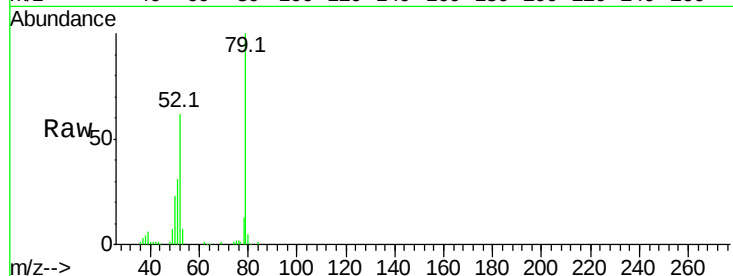
Tot Ion: 79 Resp: 91071

Ion Ratio Lower Upper

79 100

52 62.4 69.9 104.9#

51 31.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 40.798 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

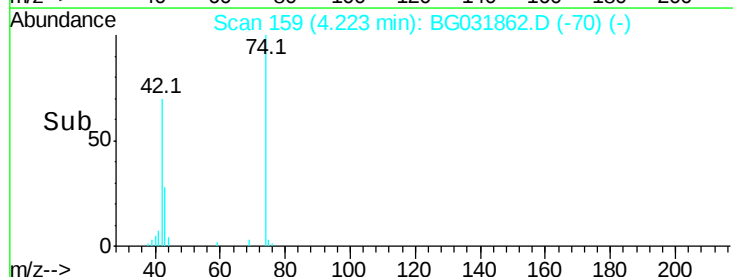
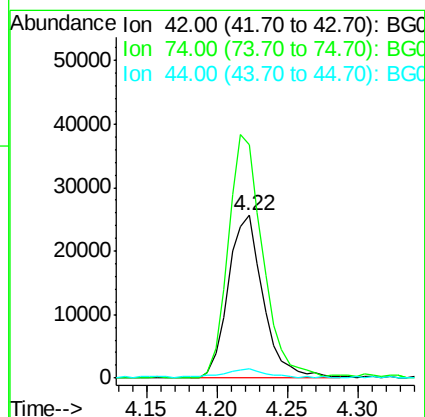
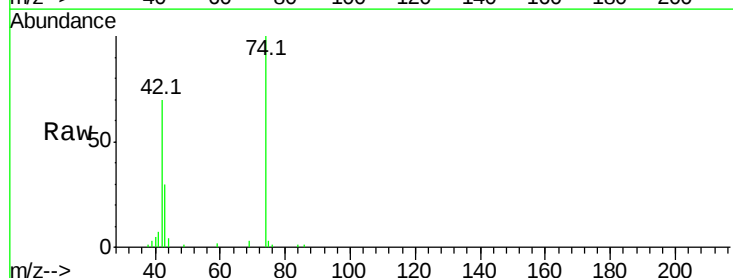
Tgt Ion: 42 Resp: 44250

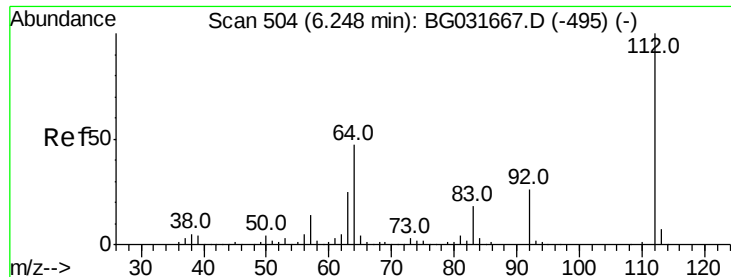
Ion Ratio Lower Upper

42 100

74 143.4 102.5 153.7

44 5.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 158.351 ng

RT: 6.21 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

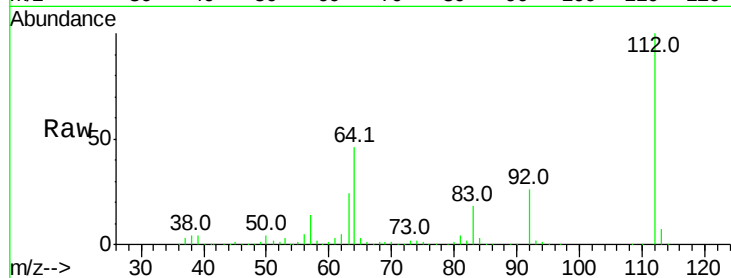
Tot Ion:112 Resp: 429544

Ion Ratio Lower Upper

112 100

64 45.8 56.3 84.5#

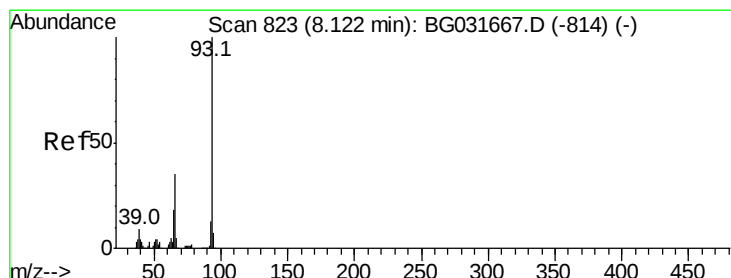
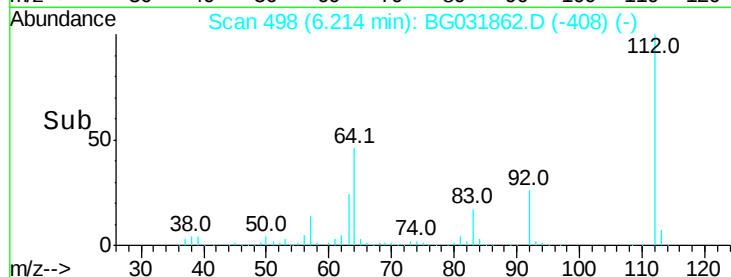
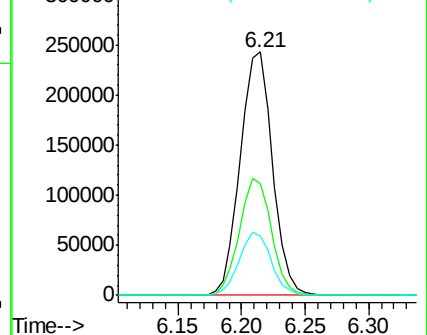
63 24.4 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.189 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

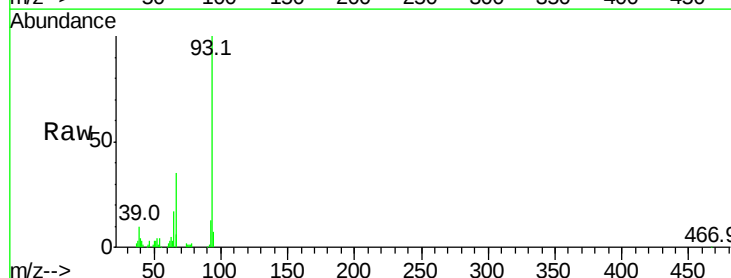
Tgt Ion: 93 Resp: 82417

Ion Ratio Lower Upper

93 100

66 34.5 33.7 50.5

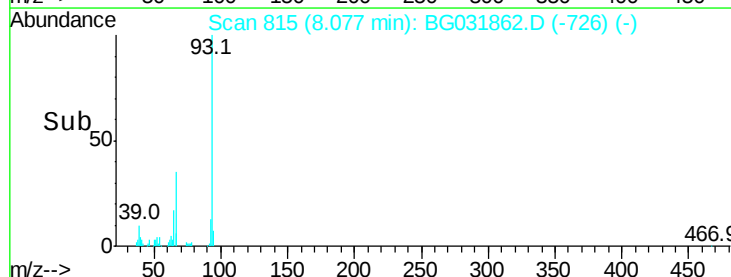
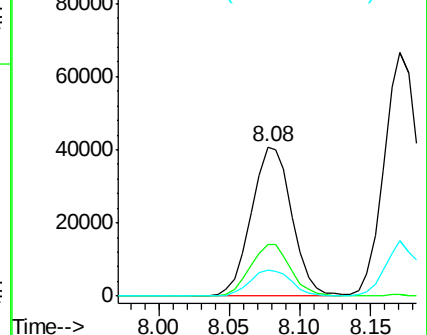
65 17.1 16.1 24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 160.339 ng

RT: 7.89 min Scan# 784

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

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ClientSampleId :

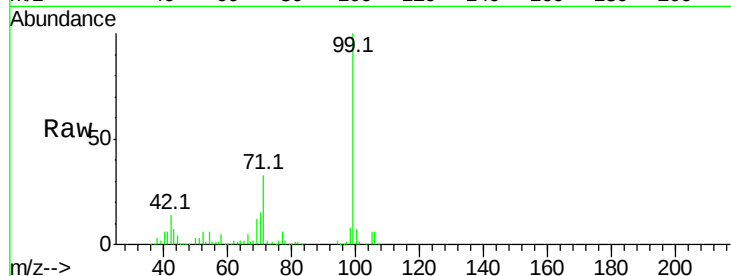
Tot Ion: 99 Resp: 564691

Ion Ratio Lower Upper

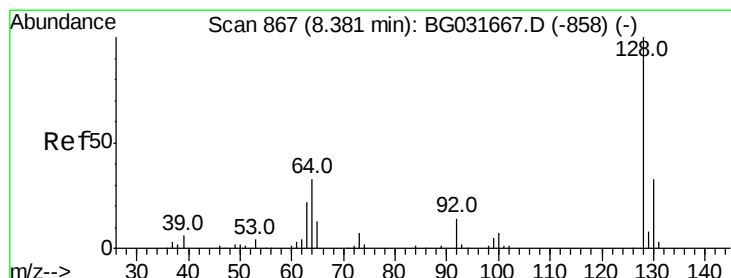
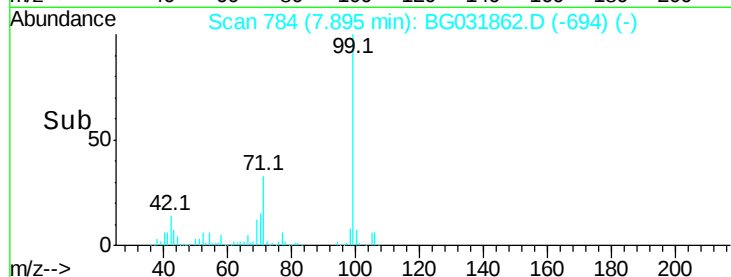
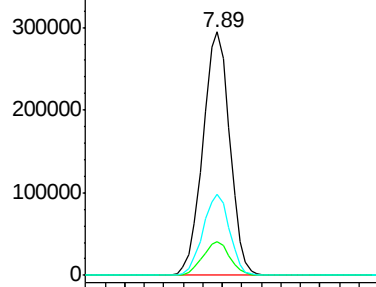
99 100

42 13.8 14.1 21.1#

71 33.5 26.1 39.1



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: 46.504 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

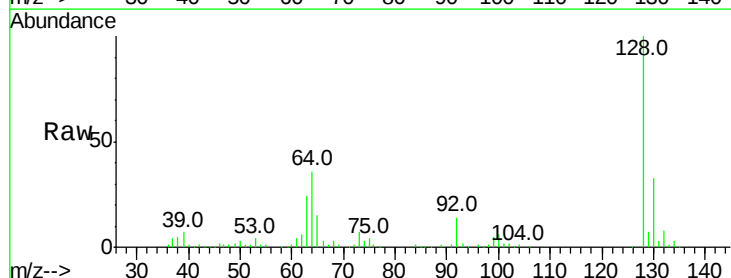
Tgt Ion: 128 Resp: 146328

Ion Ratio Lower Upper

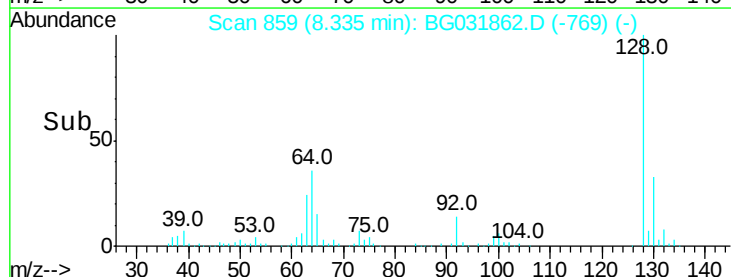
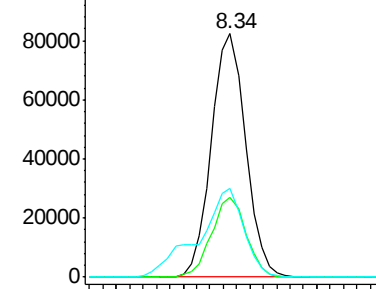
128 100

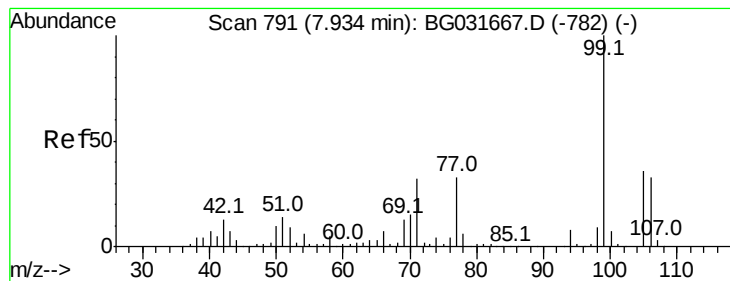
130 32.9 14.0 54.0

64 36.4 37.7 77.7#



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: 19.274 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.00 min

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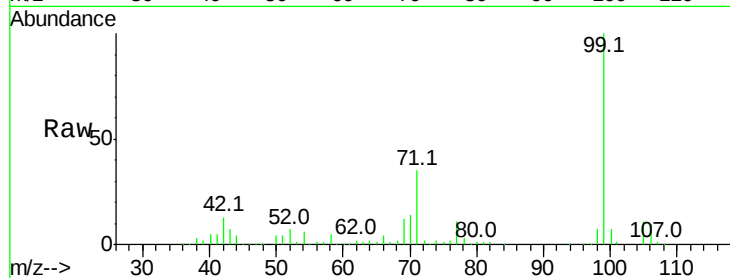
Tot Ion: 77 Resp: 40873

Ion Ratio Lower Upper

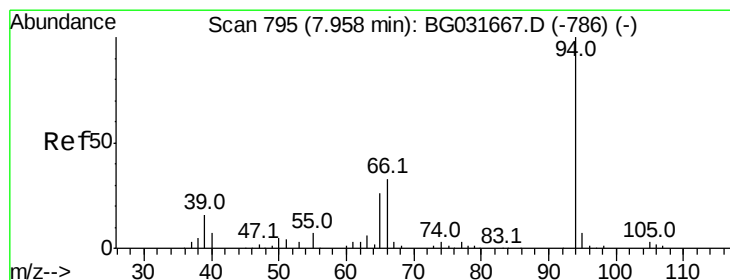
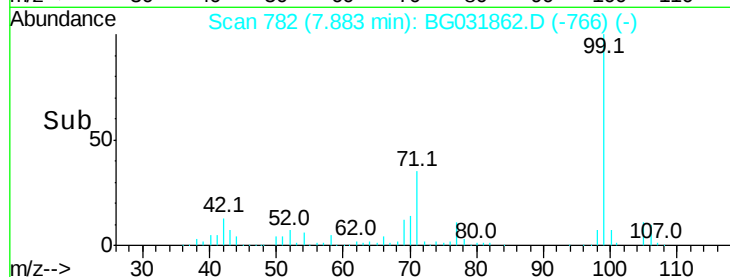
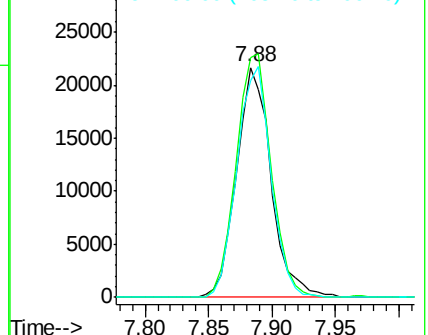
77 100

105 104.3 71.3 111.3

106 94.5 64.2 104.2



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: 47.346 ng

RT: 7.92 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

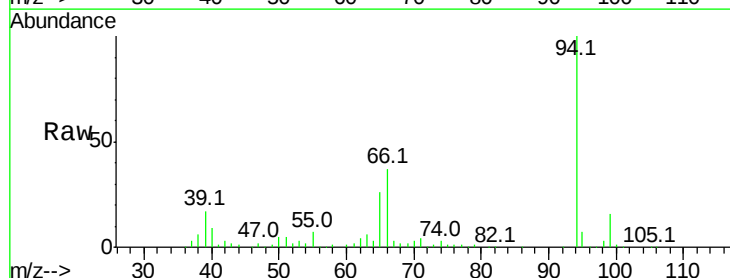
Tgt Ion: 94 Resp: 168347

Ion Ratio Lower Upper

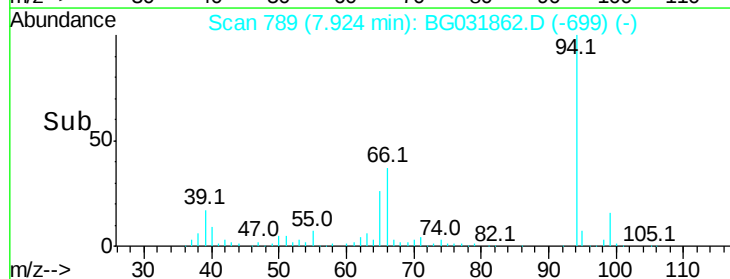
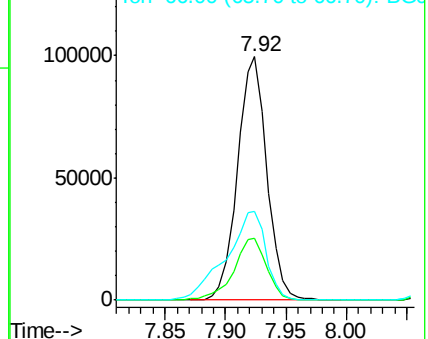
94 100

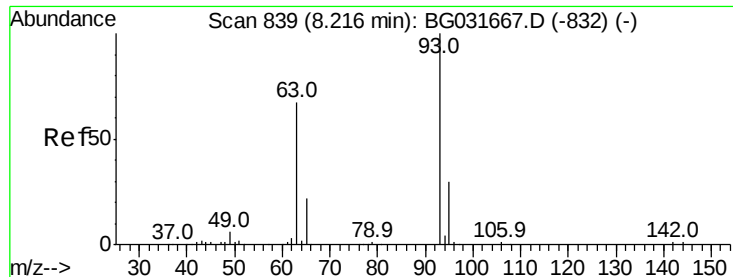
65 25.5 11.9 51.9

66 36.6 22.2 62.2



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

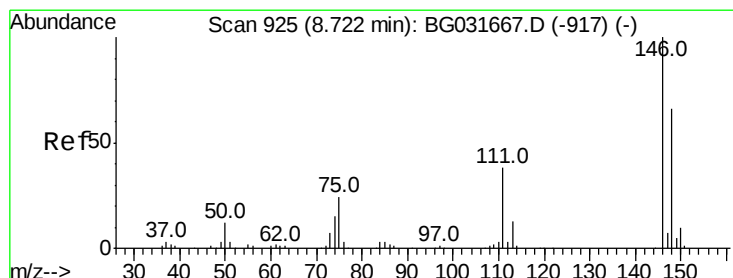
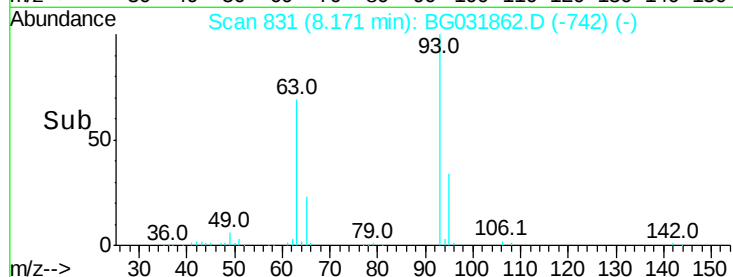
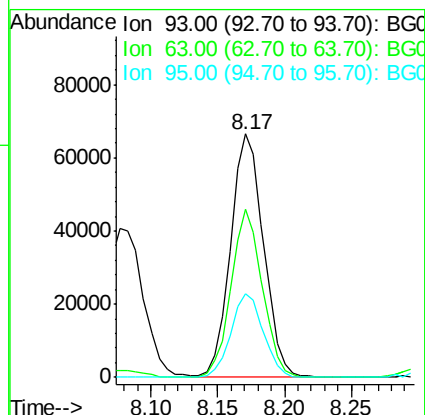
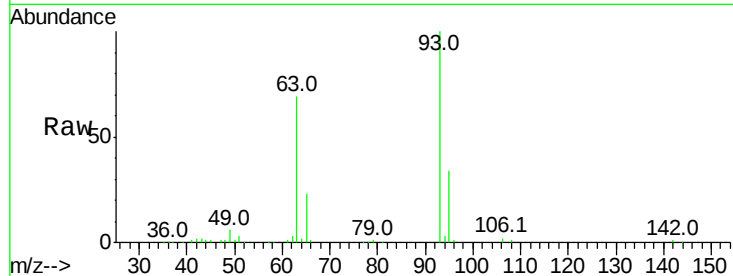




#11
bis(2-Chloroethyl)ether
Concen: 38.798 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

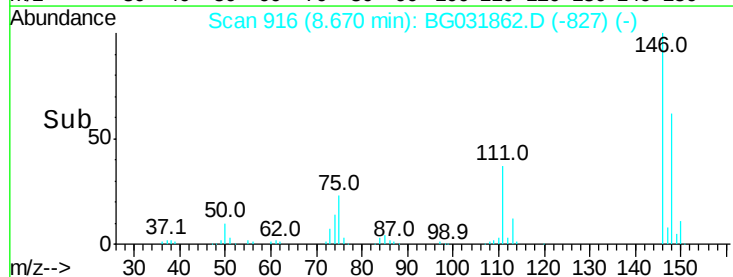
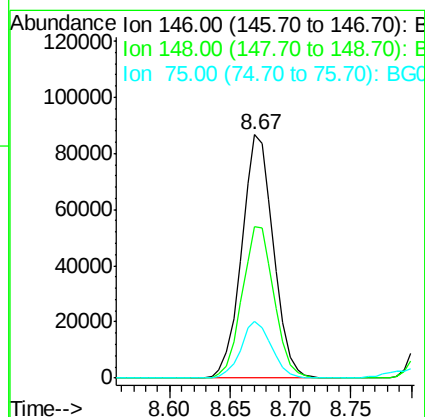
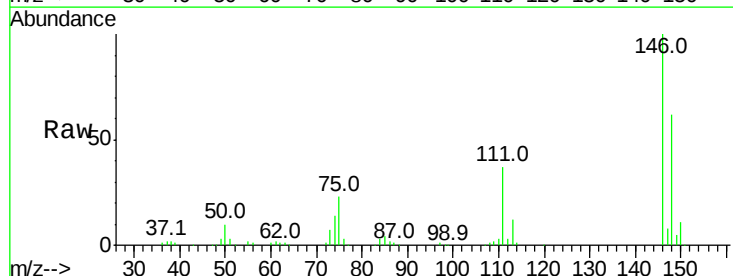
Instrument :
BNA_G
ClientSampleId :

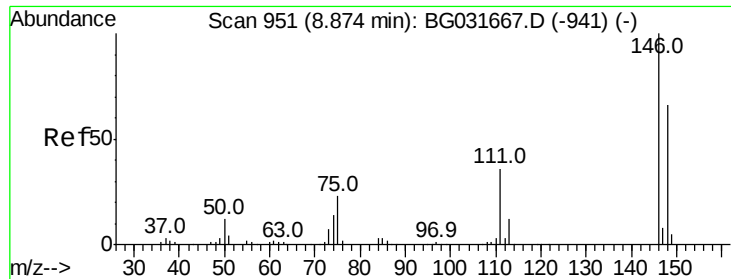
Tot Ion: 93 Resp: 114570
Ion Ratio Lower Upper
93 100
63 68.8 67.1 107.1
95 34.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.475 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion: 146 Resp: 158155
Ion Ratio Lower Upper
146 100
148 62.4 51.4 77.2
75 23.0 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 40.085 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampled :

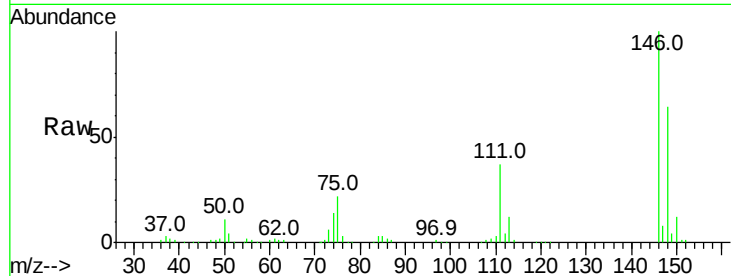
Tot Ion:146 Resp: 160002

Ion Ratio Lower Upper

146 100

148 63.7 53.7 80.5

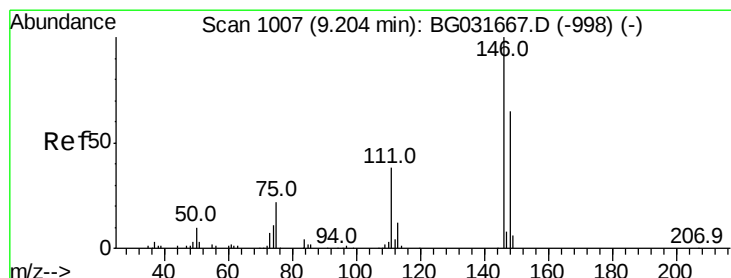
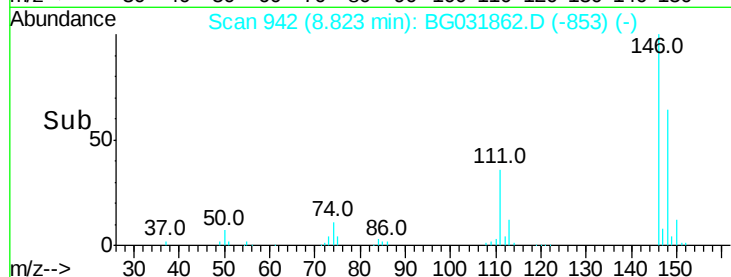
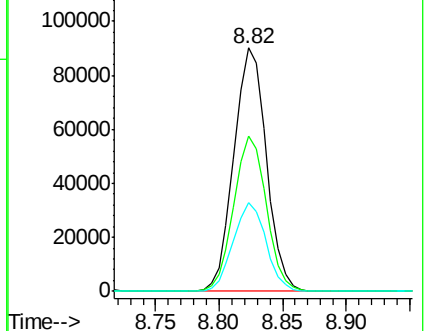
111 36.5 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.364 ng

RT: 9.16 min Scan# 999

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

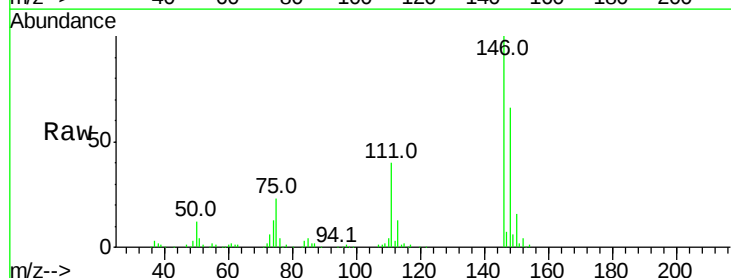
Tgt Ion:146 Resp: 152665

Ion Ratio Lower Upper

146 100

148 66.1 49.3 73.9

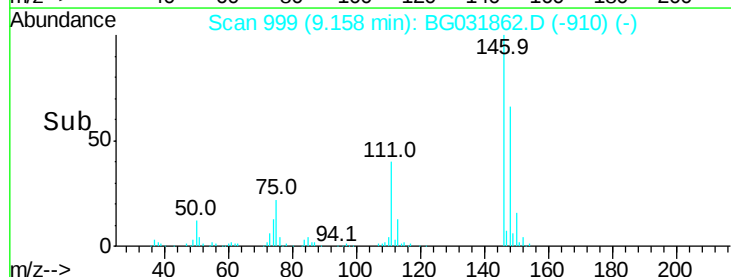
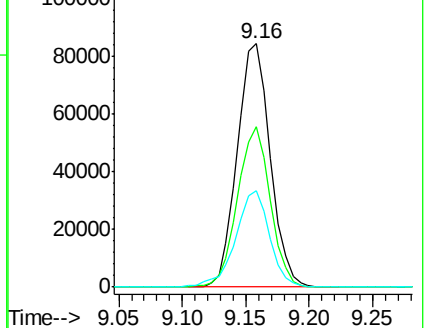
111 39.7 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.282 ng

RT: 9.02 min Scan# 976

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

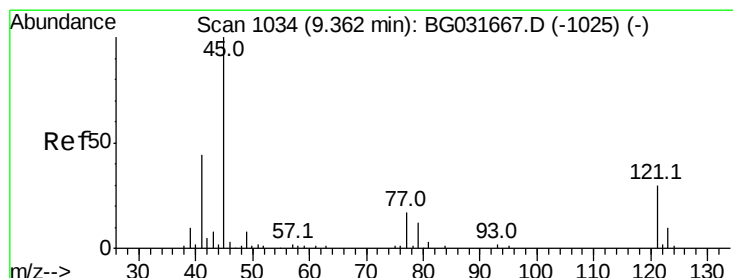
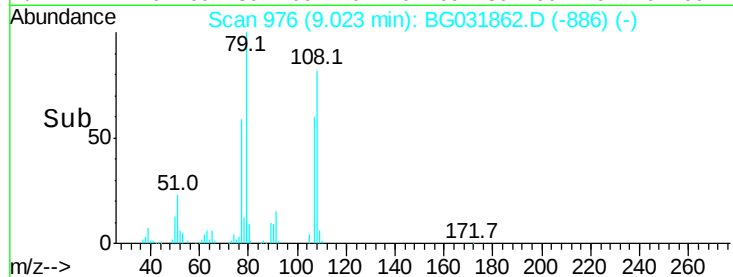
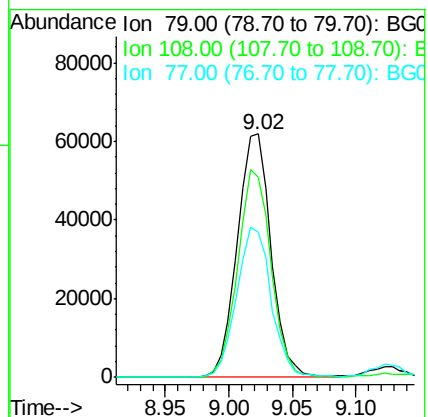
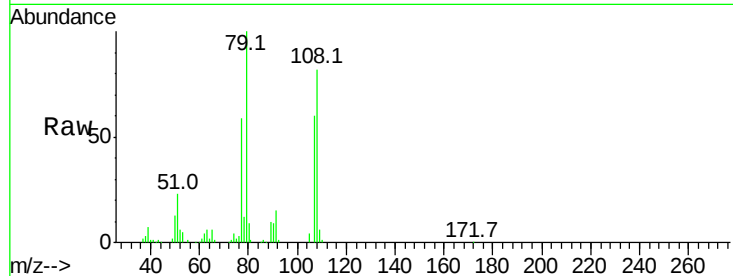
Tot Ion: 79 Resp: 114431

Ion Ratio Lower Upper

79 100

108 82.4 57.2 85.8

77 59.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.817 ng

RT: 9.31 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

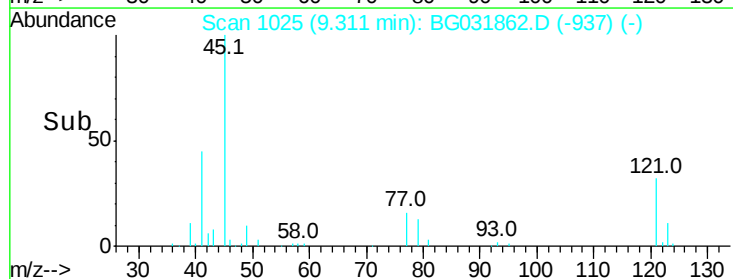
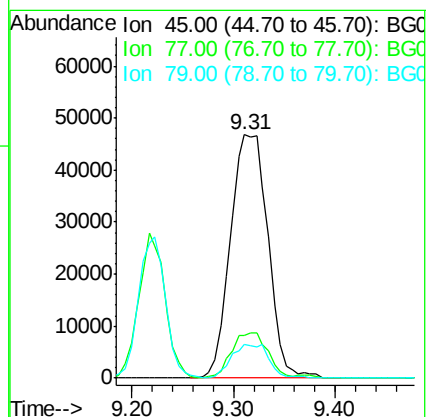
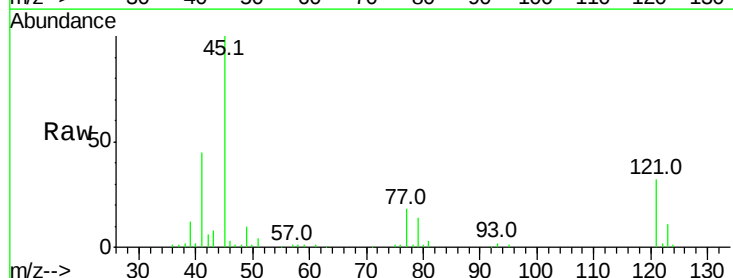
Tgt Ion: 45 Resp: 119799

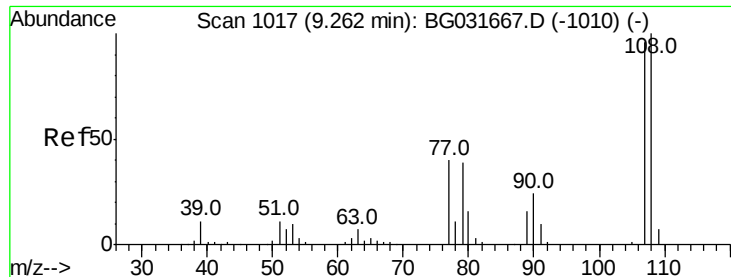
Ion Ratio Lower Upper

45 100

77 17.6 0.0 30.2

79 13.8 0.0 27.9





#17

2-Methylphenol

Concen: 46.915 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 119358

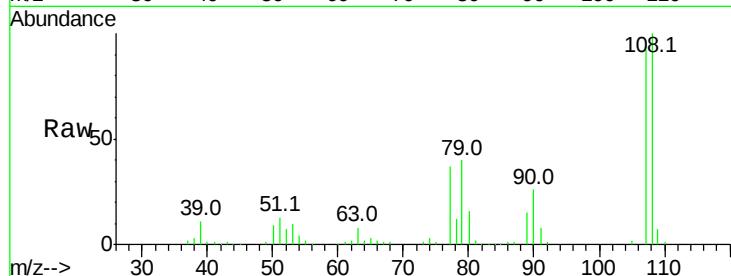
Ion Ratio Lower Upper

107 100

108 108.2 83.9 125.9

77 40.2 37.2 55.8

79 43.0 36.2 54.2

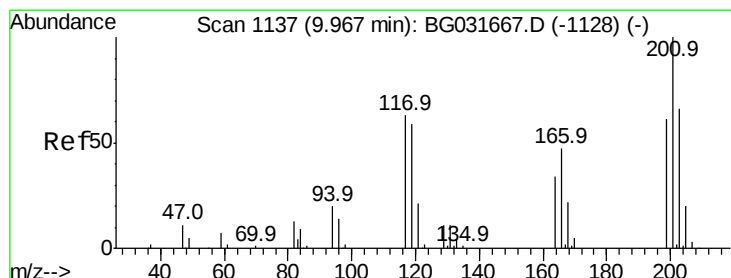
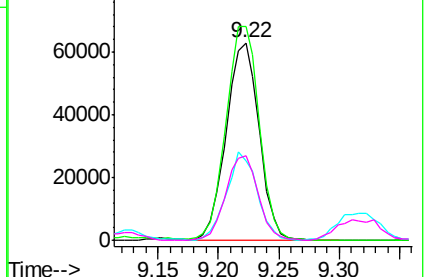
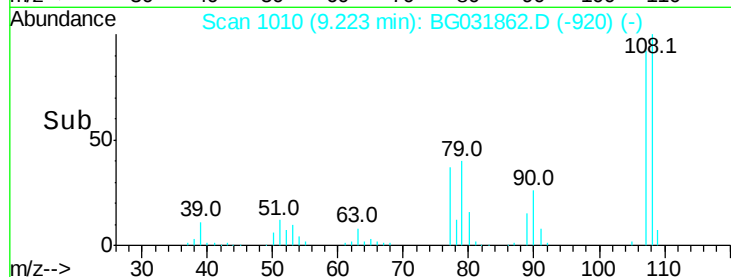


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.560 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

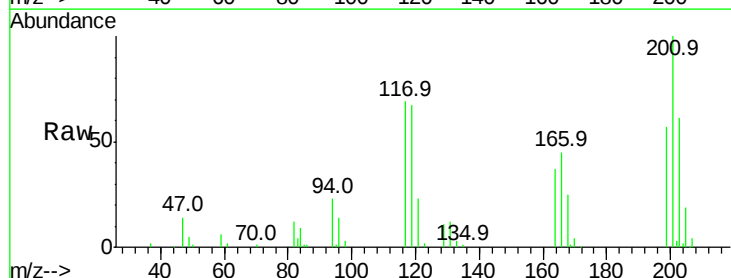
Tgt Ion:117 Resp: 49034

Ion Ratio Lower Upper

117 100

119 96.9 76.7 115.1

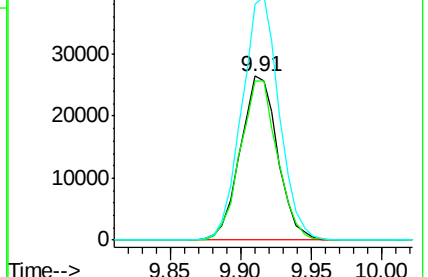
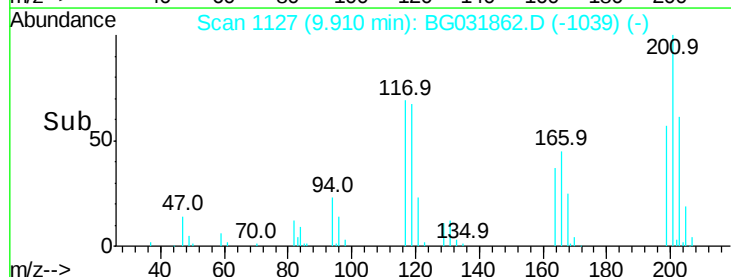
201 144.3 95.7 143.5#

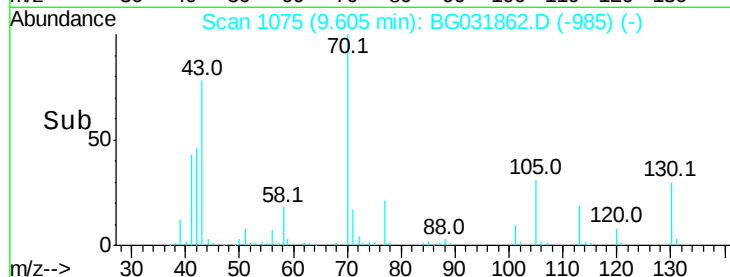
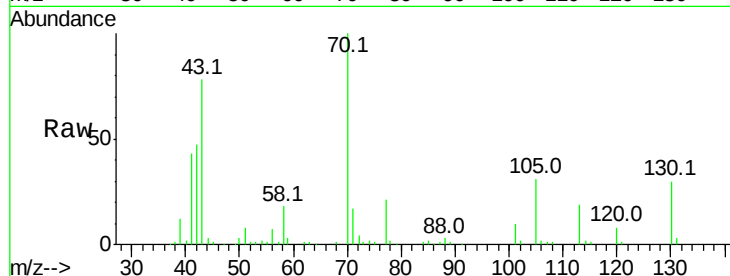
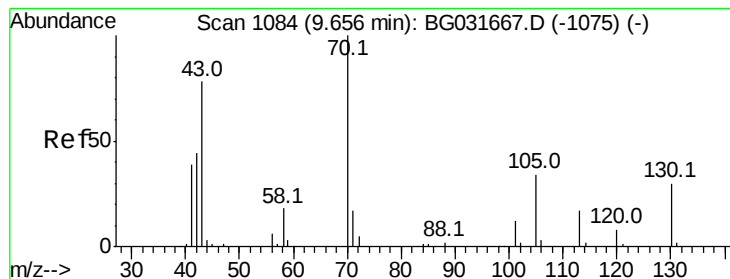


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.953 ng

RT: 9.60 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 91284

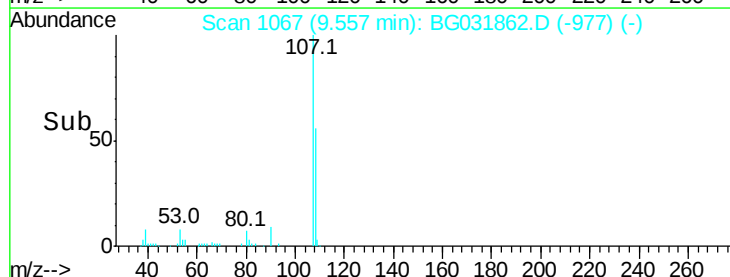
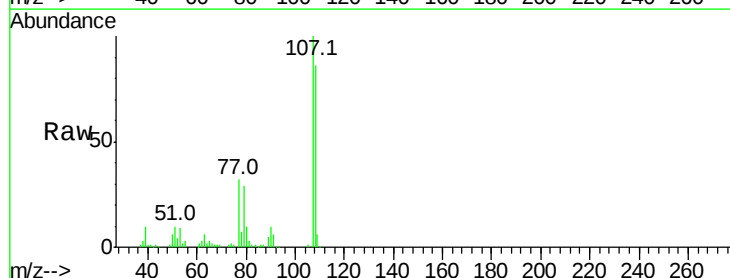
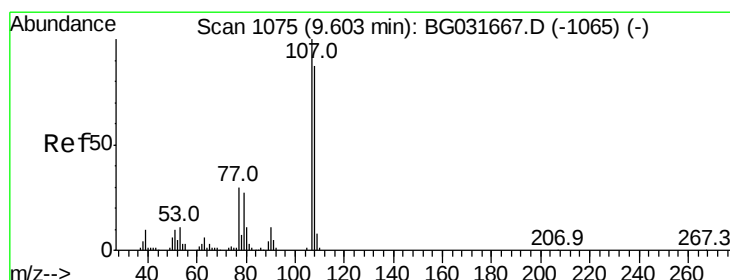
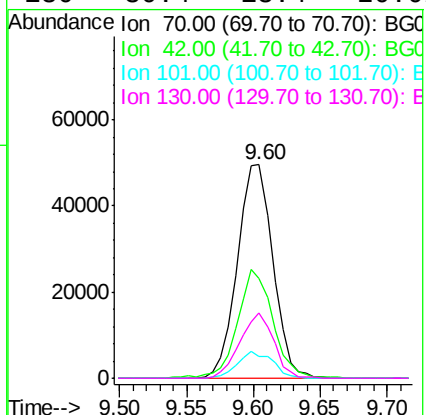
Ion Ratio Lower Upper

70 100

42 46.6 49.1 73.7#

101 10.3 8.5 12.7

130 30.4 13.4 20.0#



#20

3+4-Methylphenols

Concen: 45.909 ng

RT: 9.56 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Tgt Ion:107 Resp: 166002

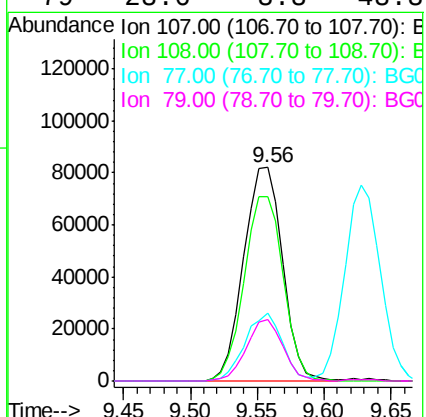
Ion Ratio Lower Upper

107 100

108 86.5 61.6 101.6

77 31.9 13.9 53.9

79 28.6 8.8 48.8

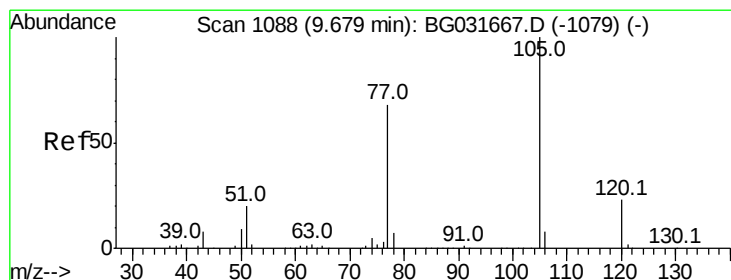
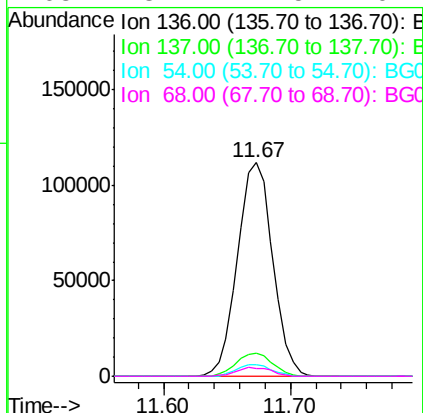
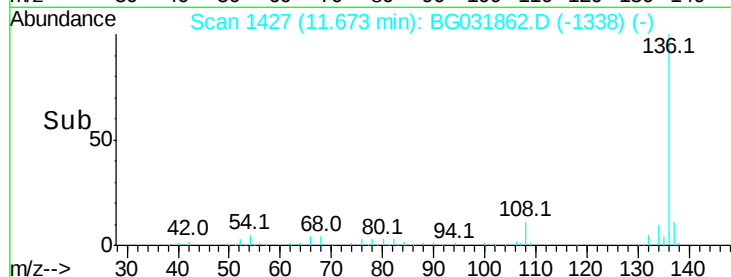
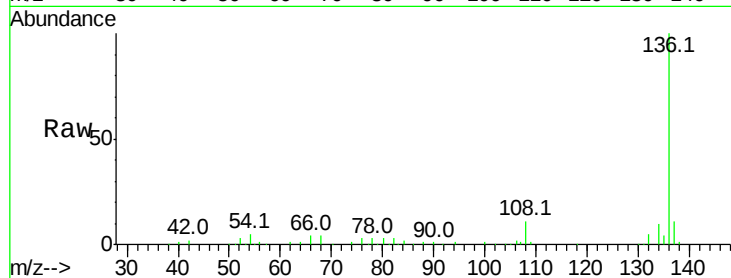




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

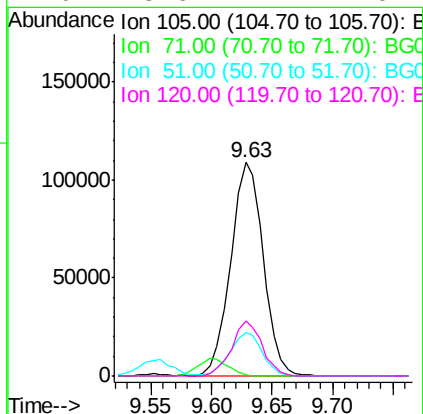
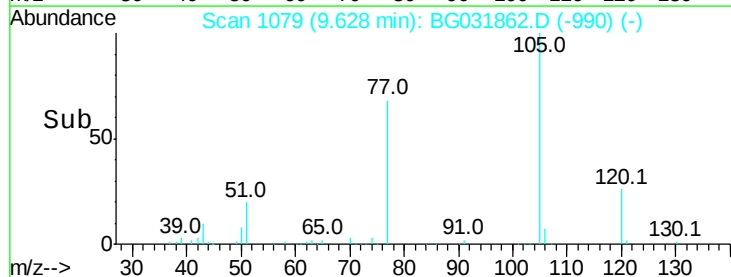
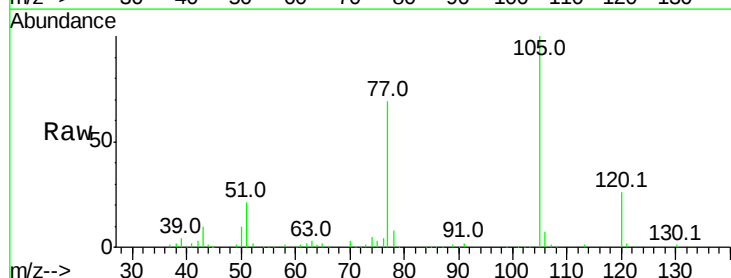
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	215904
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	5.3	10.3 15.5#
68	3.7	4.5 6.7#



#22
Acetophenone
Concen: 40.710 ng
RT: 9.63 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:105	Resp:	204205
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	20.7	26.1 39.1#
120	25.6	17.4 26.2

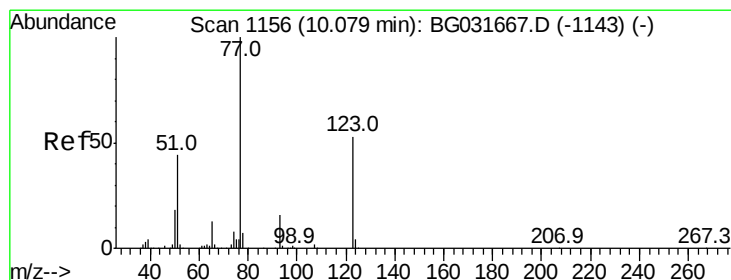
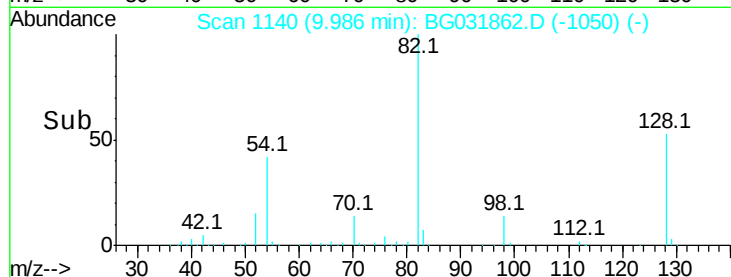
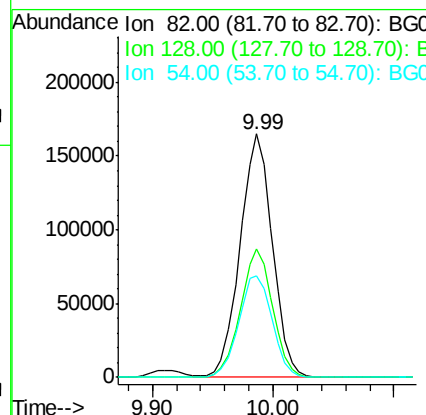
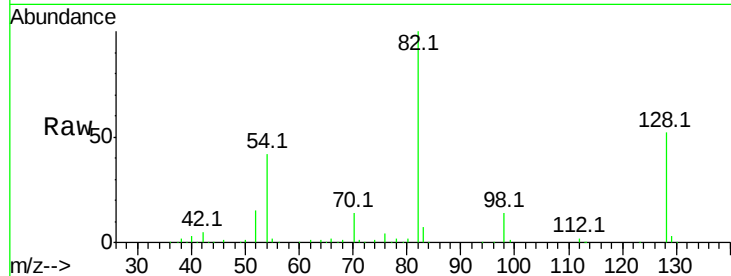




#23
Nitrobenzene-d5
Concen: 107.568 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

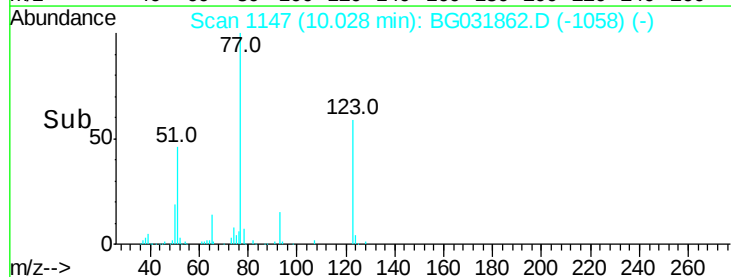
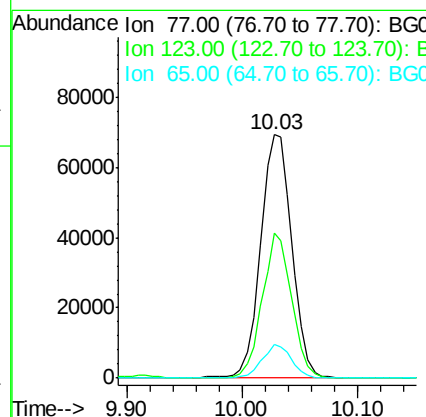
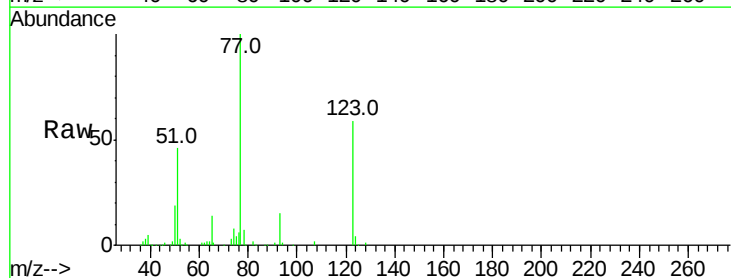
Instrument :
BNA_G
ClientSampled :

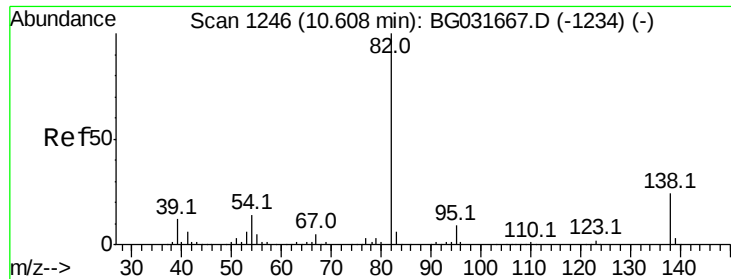
Tot Ion: 82 Resp: 307557
Ion Ratio Lower Upper
82 100
128 52.5 29.7 44.5#
54 41.7 43.1 64.7#



#24
Nitrobenzene
Concen: 44.258 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion: 77 Resp: 130420
Ion Ratio Lower Upper
77 100
123 59.5 33.0 49.6#
65 13.6 13.0 19.6





#25

Isophorone

Concen: 42.950 ng

RT: 10.56 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

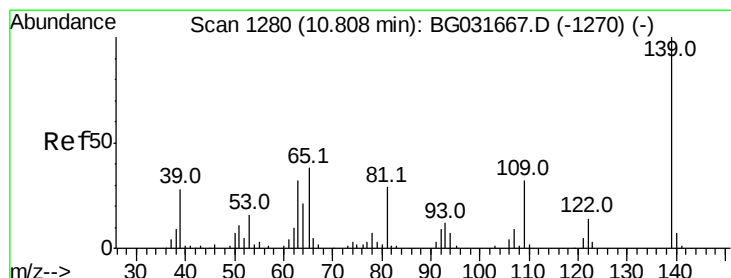
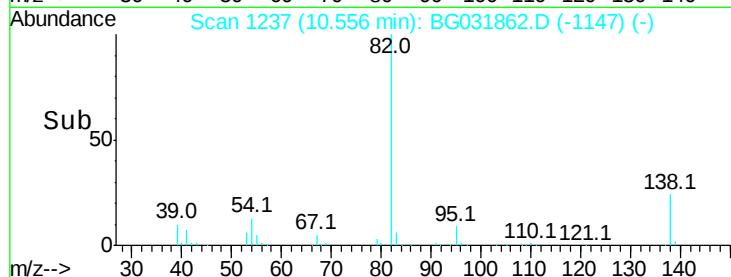
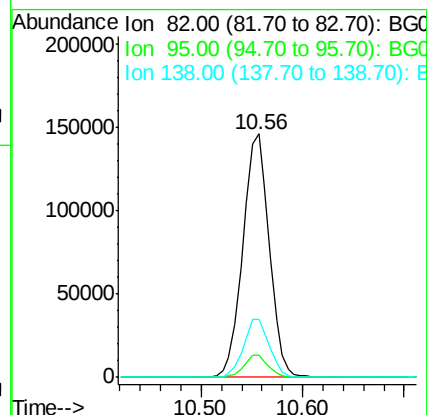
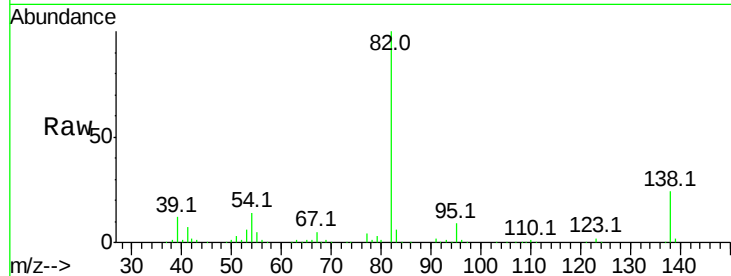
Tot Ion: 82 Resp: 264359

Ion Ratio Lower Upper

82 100

95 9.1 6.2 9.2

138 24.0 12.1 18.1#



#26

2-Nitrophenol

Concen: 54.820 ng

RT: 10.76 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

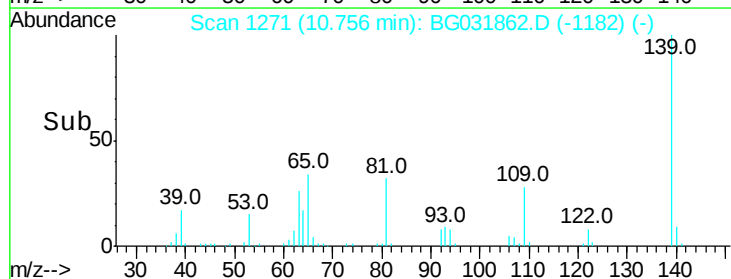
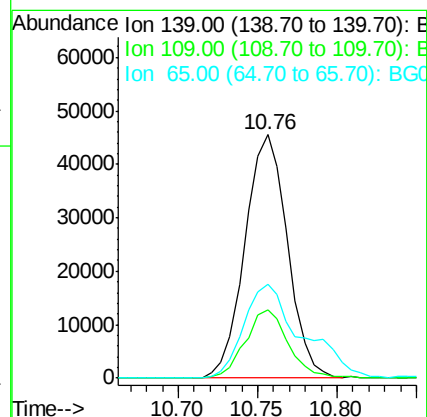
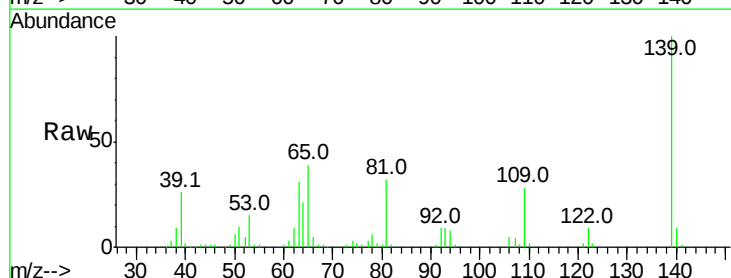
Tgt Ion:139 Resp: 84699

Ion Ratio Lower Upper

139 100

109 28.1 24.2 36.2

65 38.6 47.4 71.0#

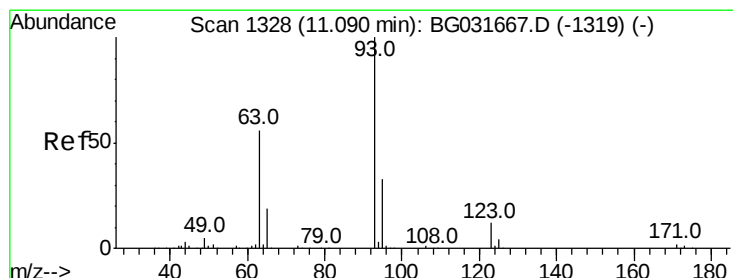
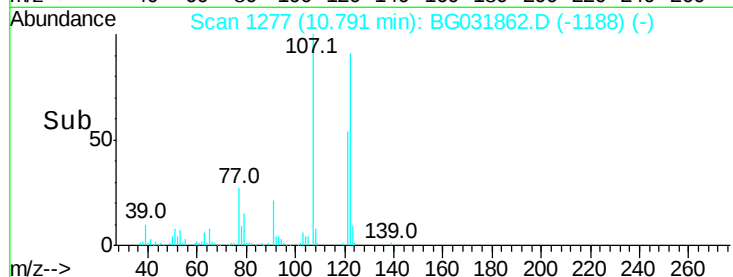
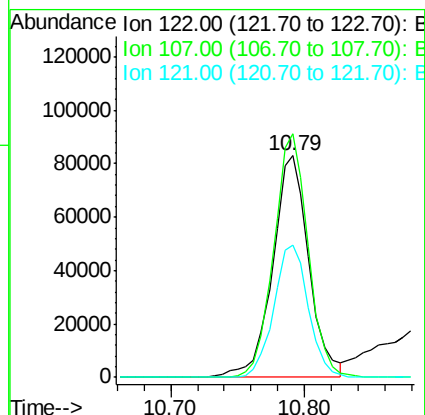
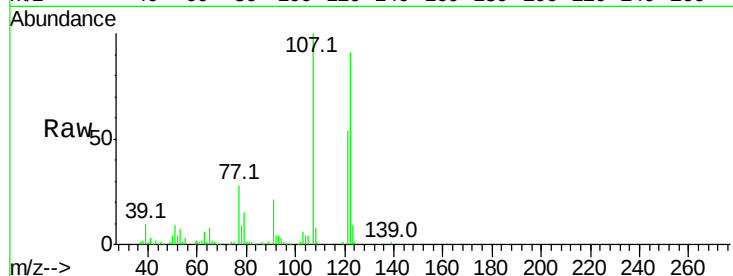




#27
2,4-Dimethylphenol
Concen: 48.231 ng
RT: 10.79 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

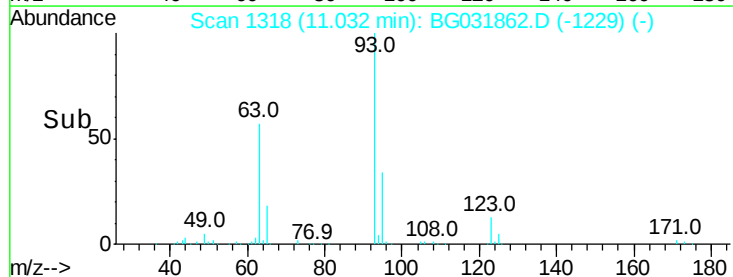
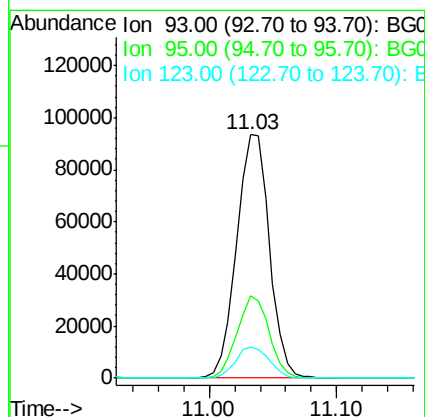
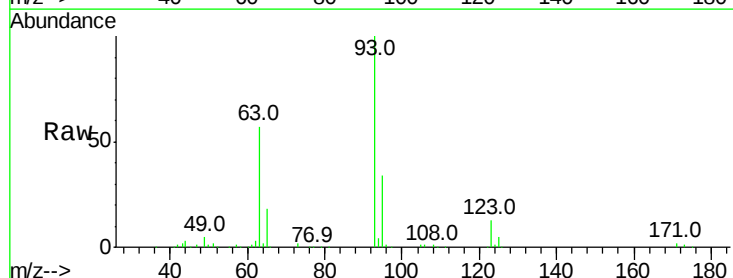
Instrument :
BNA_G
ClientSampleId :

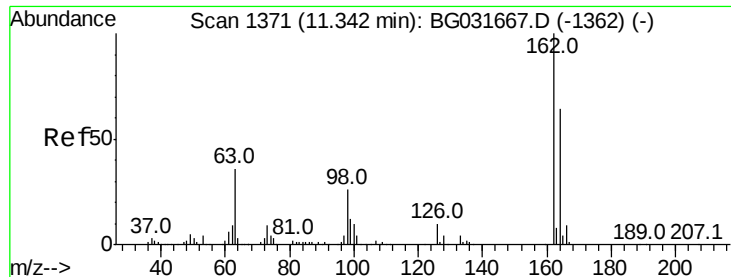
Tot Ion:122 Resp: 156811
Ion Ratio Lower Upper
122 100
107 109.9 100.2 150.2
121 59.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.408 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion: 93 Resp: 166884
Ion Ratio Lower Upper
93 100
95 34.0 24.3 36.5
123 12.8 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 46.664 ng

RT: 11.30 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

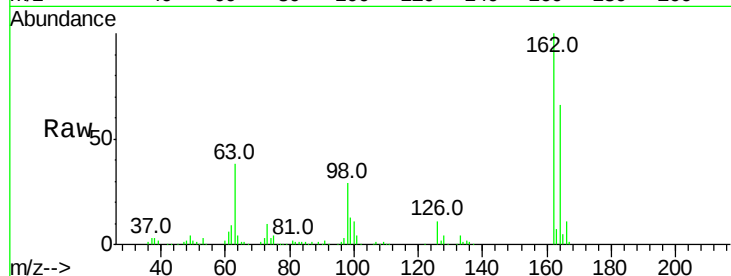
Tot Ion:162 Resp: 178107

Ion Ratio Lower Upper

162 100

164 65.9 48.0 88.0

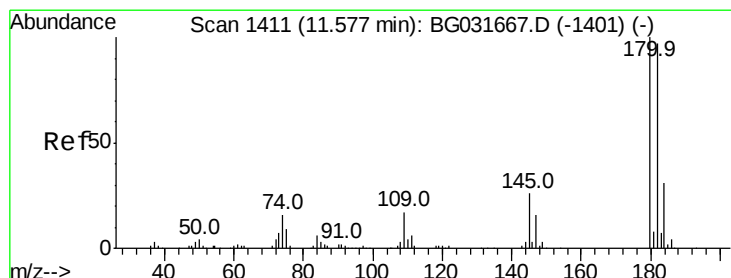
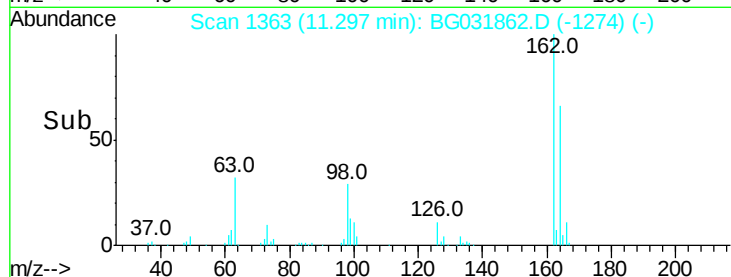
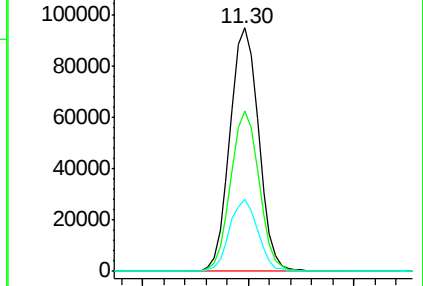
98 29.4 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.346 ng

RT: 11.53 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

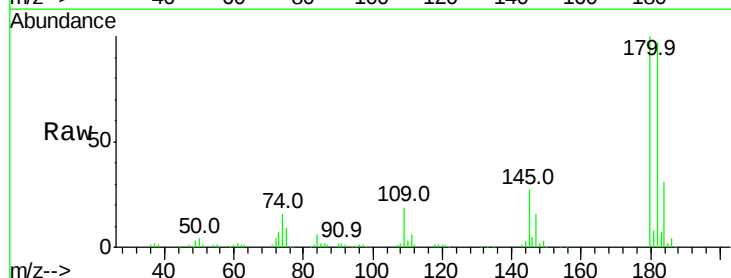
Tgt Ion:180 Resp: 183366

Ion Ratio Lower Upper

180 100

182 97.2 77.5 116.3

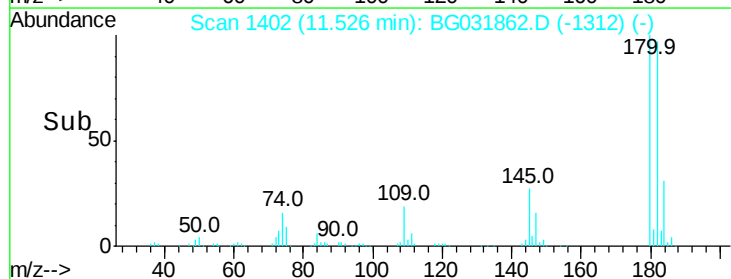
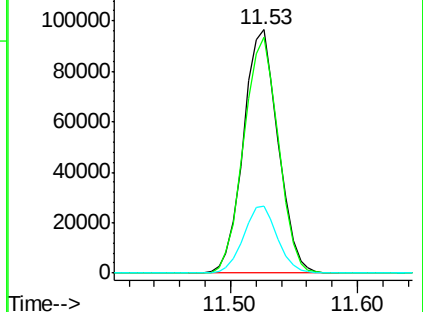
145 27.4 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

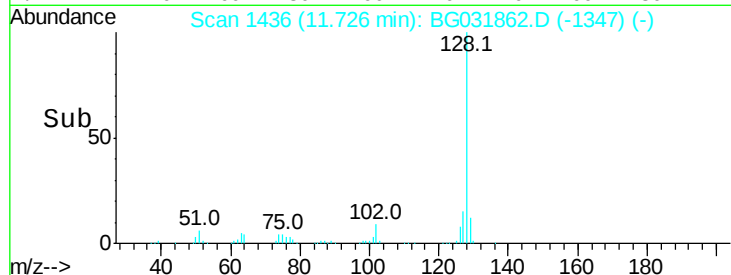
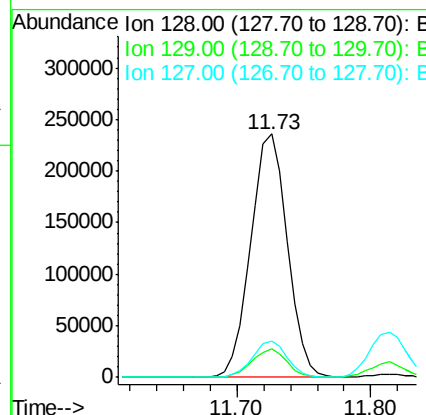
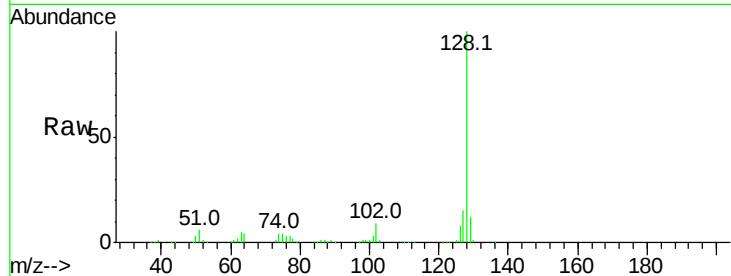




#31
Naphthalene
Concen: 40.894 ng
RT: 11.73 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

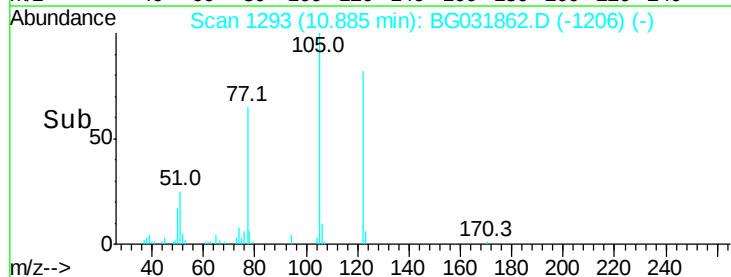
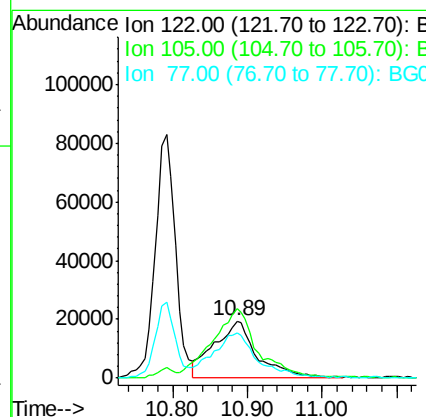
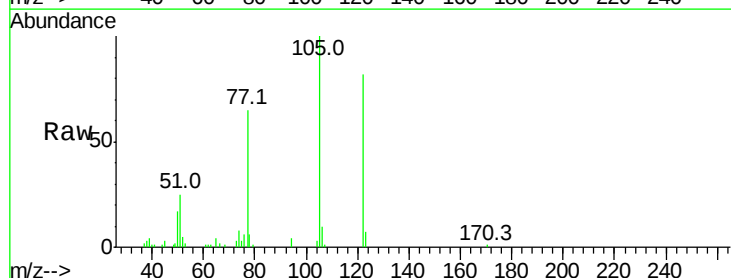
Instrument :
BNA_G
ClientSampleId :

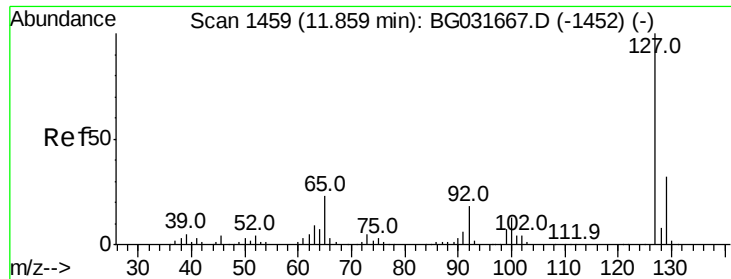
Tot Ion:128 Resp: 445582
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 37.063 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:122 Resp: 78242
Ion Ratio Lower Upper
122 100
105 121.4 123.5 163.5#
77 78.9 85.7 125.7#

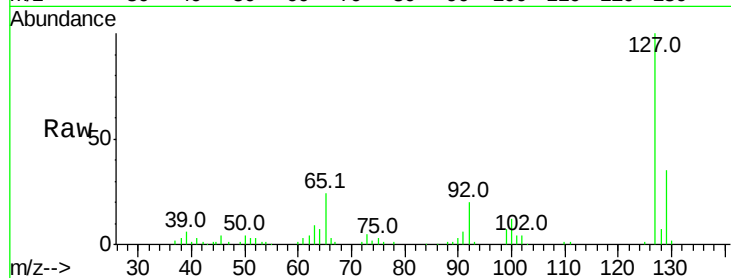




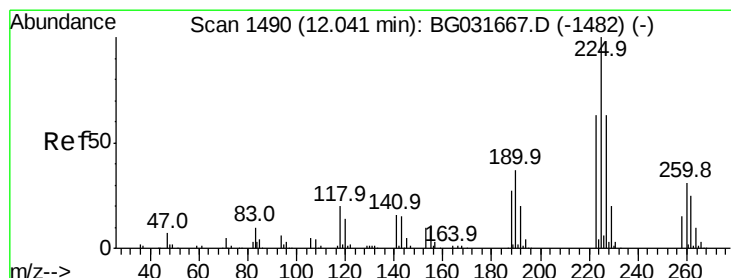
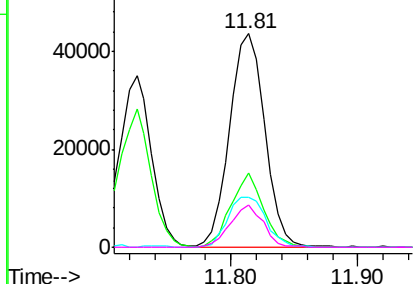
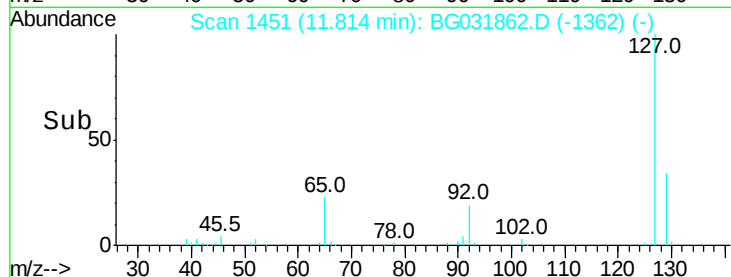
#33
4-Chloroaniline
Concen: 17.318 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	84011
Ion	Ratio	Lower	Upper
127	100		
129	34.6	24.0	36.0
65	23.6	27.0	40.4#
92	19.5	16.6	25.0

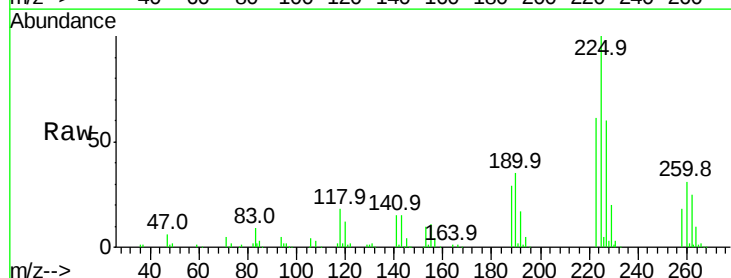


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

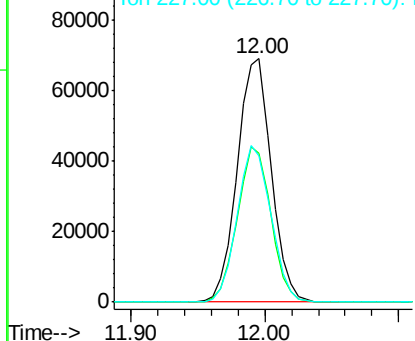
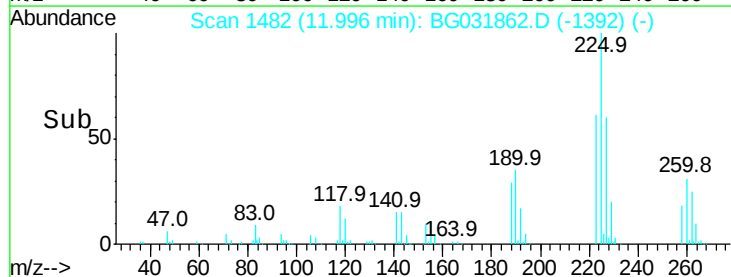


#34
Hexachlorobutadiene
Concen: 38.070 ng
RT: 12.00 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:	225	Resp:	121803
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	60.2	48.1	72.1



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: 51.469 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

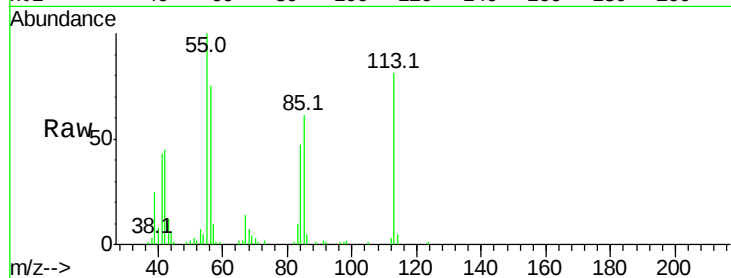
Tot Ion:113 Resp: 59547

Ion Ratio Lower Upper

113 100

55 123.6 186.9 226.9#

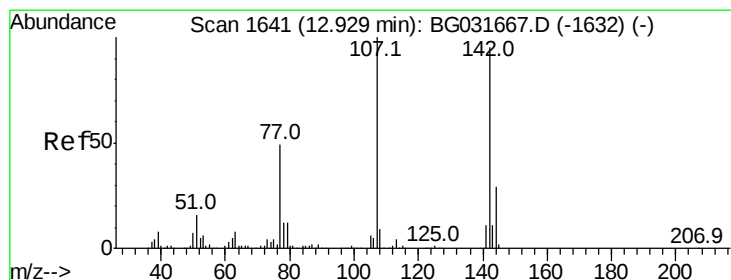
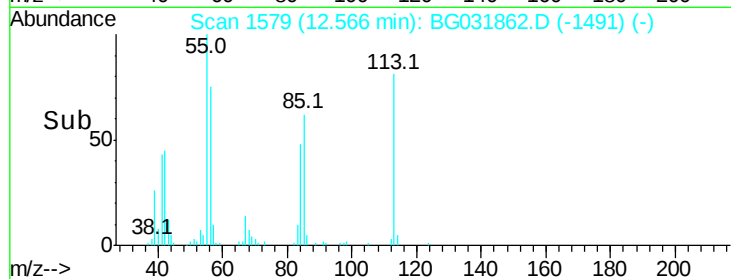
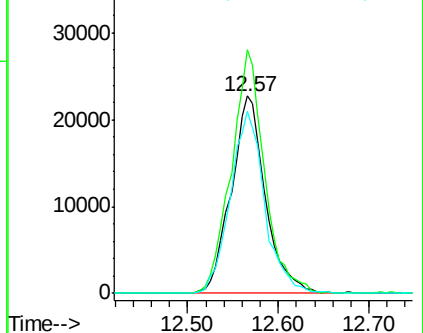
56 92.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031862.D (-1577) (-)

Ion 56.00 (55.70 to 56.70): BG031862.D (-1577) (-)



#36

4-Chloro-3-methylphenol

Concen: 47.693 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

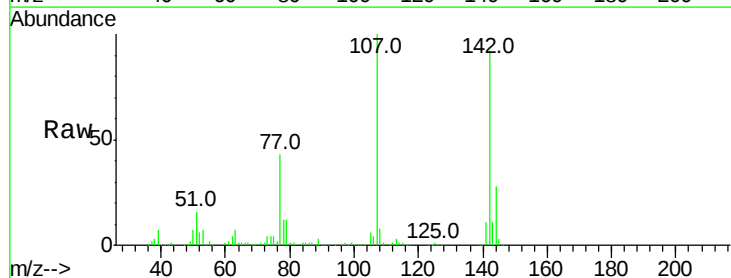
Tgt Ion:107 Resp: 168121

Ion Ratio Lower Upper

107 100

144 28.3 18.2 27.4#

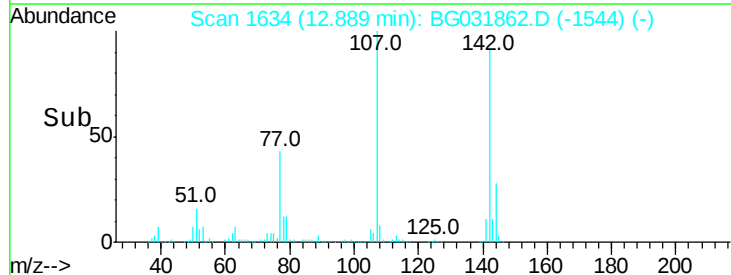
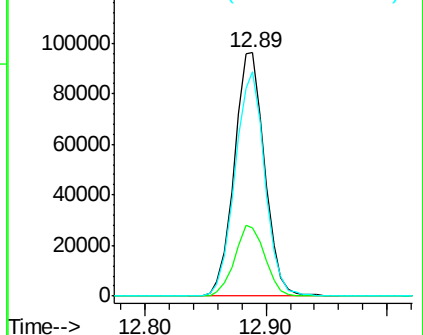
142 92.2 59.0 88.4#

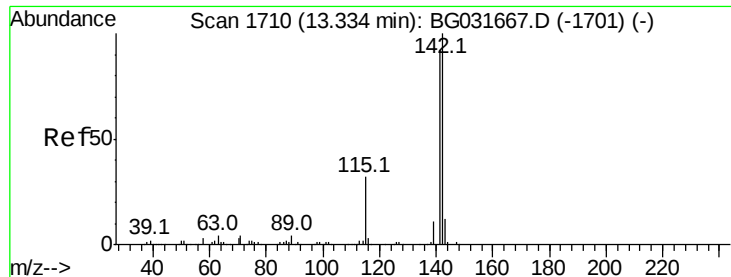


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

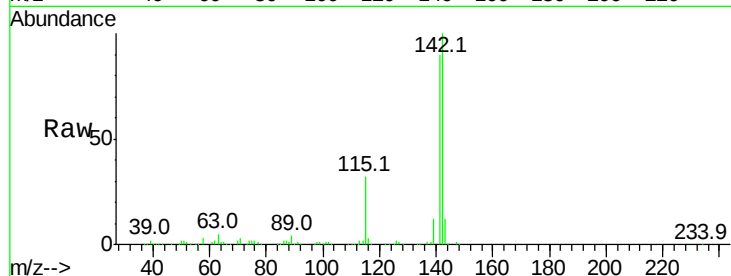




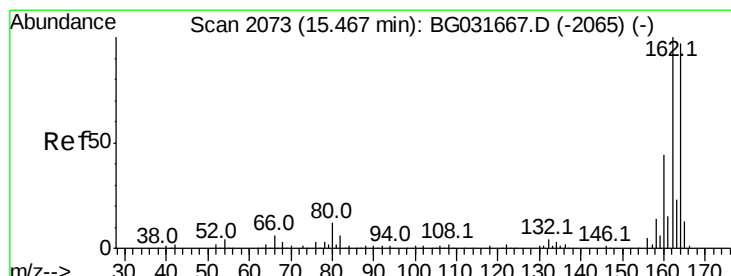
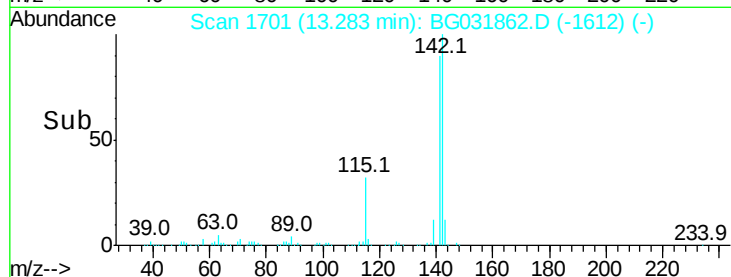
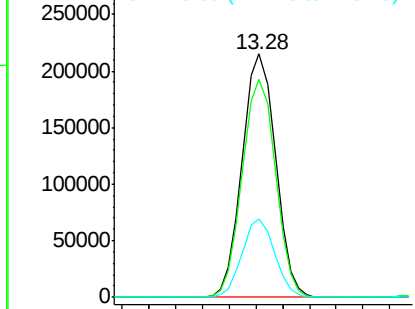
#37
2-Methylnaphthalene
Concen: 42.335 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	32.2	30.7	46.1

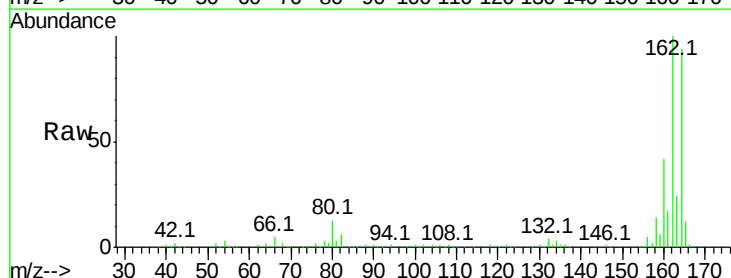


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

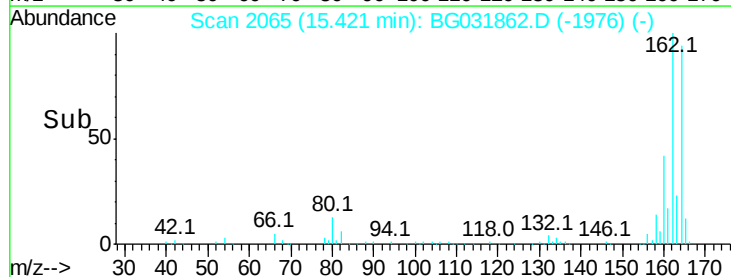
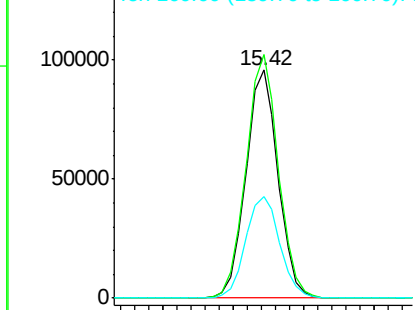


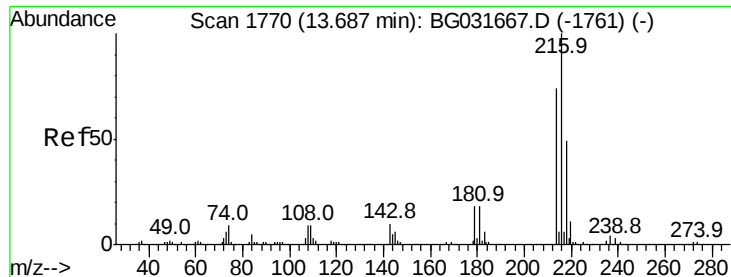
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2065
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	44.8	35.4	53.0



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: 38.729 ng

RT: 13.64 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 249167

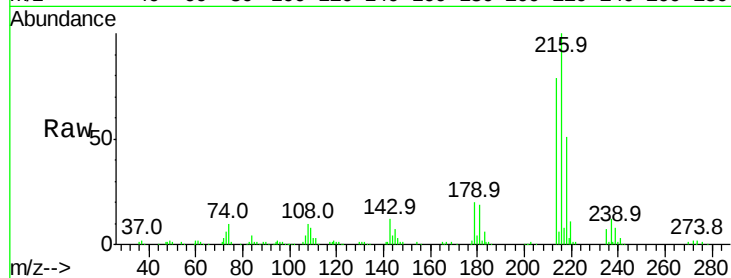
Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 19.4 17.0 25.6

108 12.3 12.8 19.2#

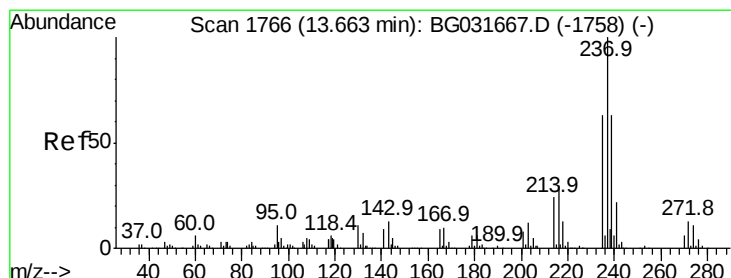
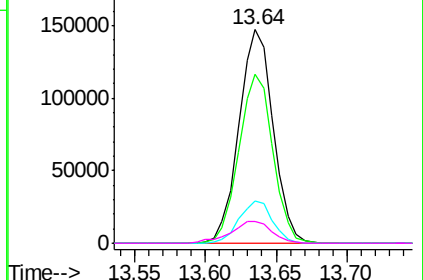
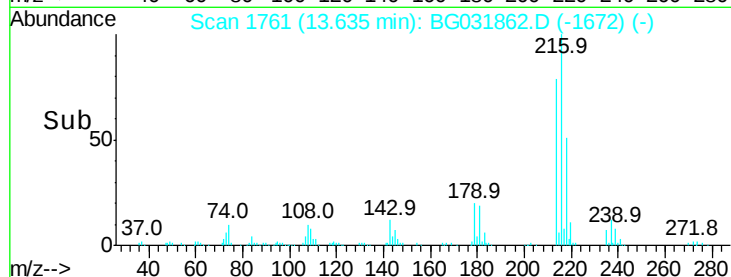


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.414 ng

RT: 13.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

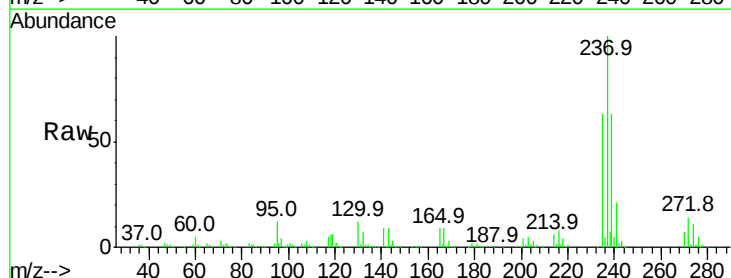
Tgt Ion:237 Resp: 276321

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

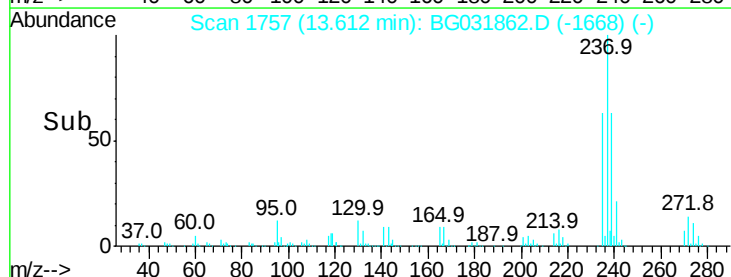
272 13.7 0.0 31.8



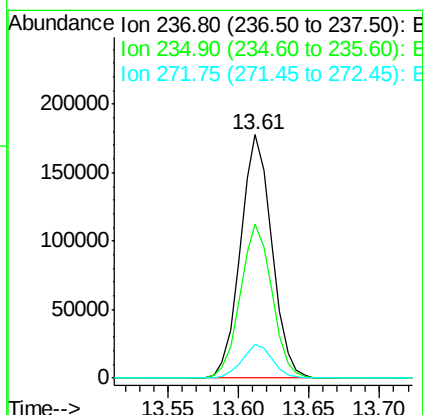
Abundance Ion 236.80 (236.50 to 237.50): E

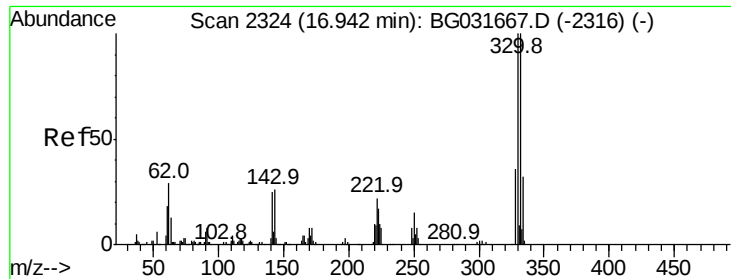
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 166.299 ng

RT: 16.90 min Scan# 2316

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

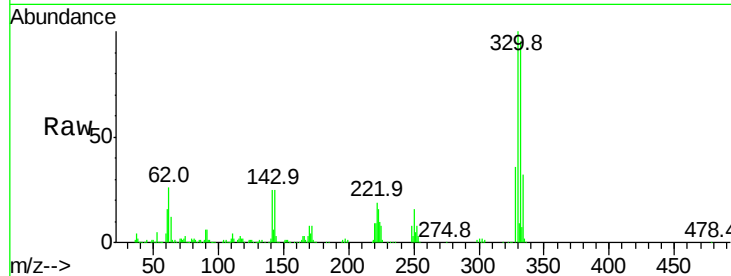
Tot Ion:330 Resp: 387584

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

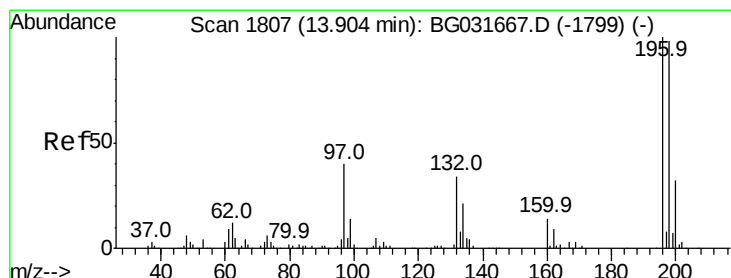
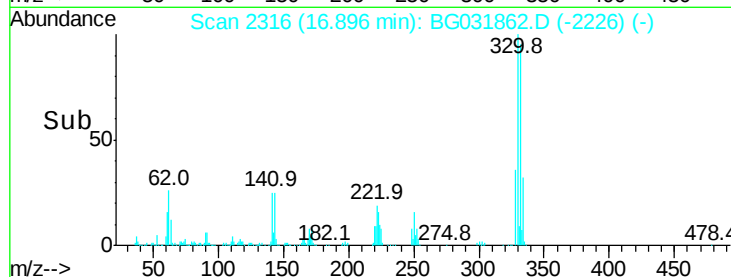
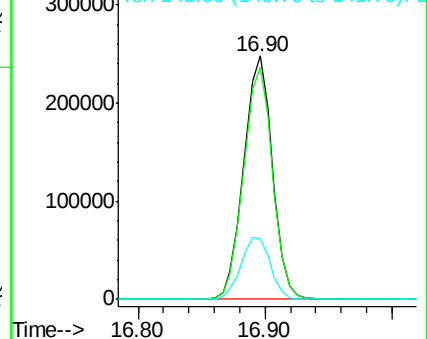
141 26.5 25.2 37.8



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: 45.170 ng

RT: 13.86 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

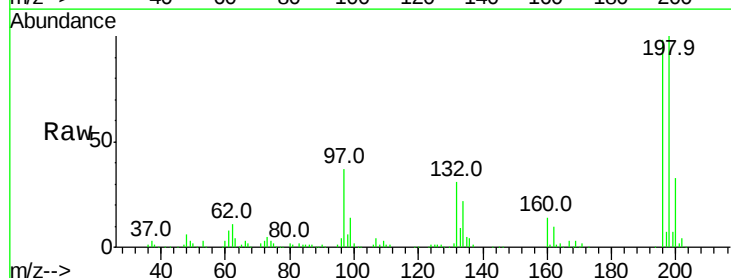
Tgt Ion:196 Resp: 167553

Ion Ratio Lower Upper

196 100

198 101.9 78.2 117.2

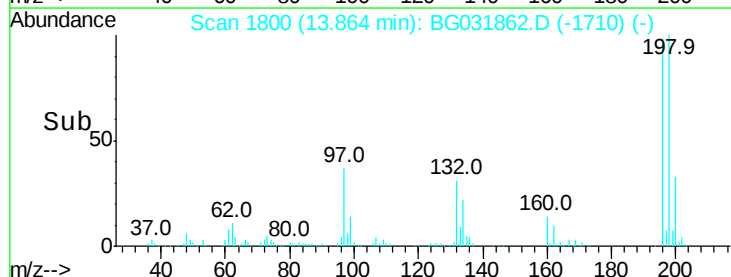
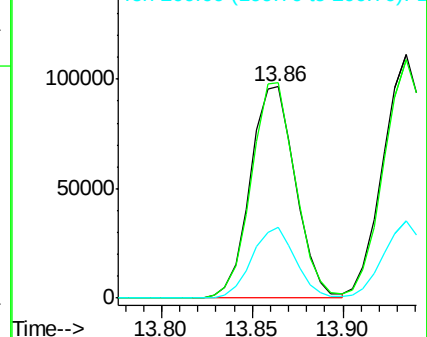
200 33.3 24.6 36.8



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

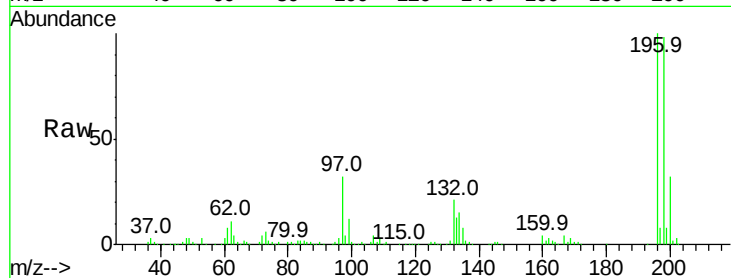




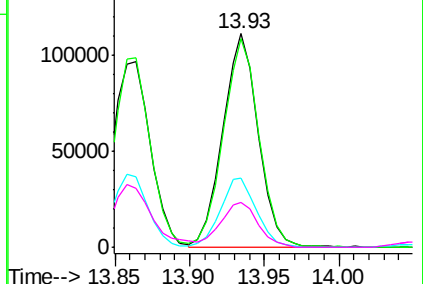
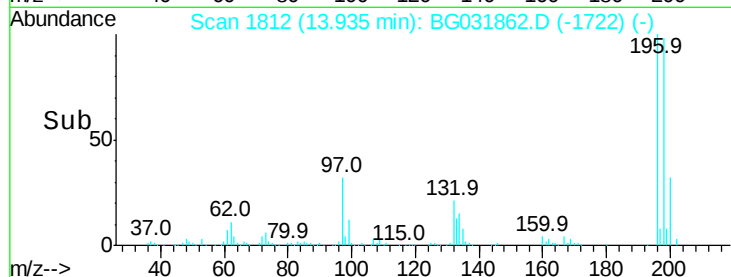
#43
2,4,5-Trichlorophenol
Concen: 44.858 ng
RT: 13.93 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.9	76.2	114.4
97	32.2	38.7	58.1
132	21.1	20.2	30.2

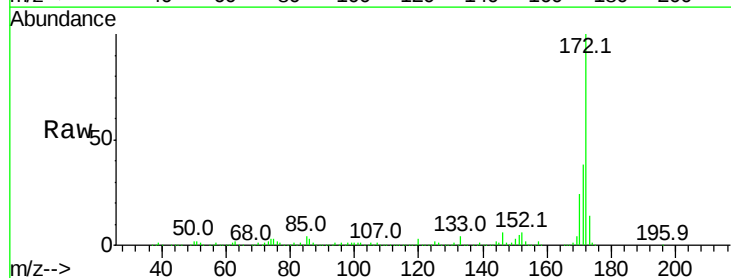


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

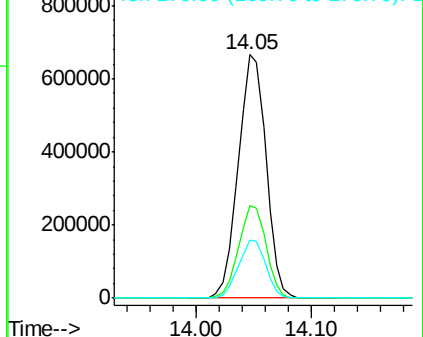
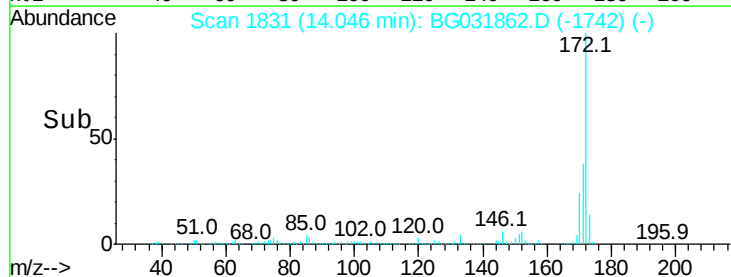


#44
2-Fluorobiphenyl
Concen: 91.294 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.8	19.5	29.3



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: 41.116 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

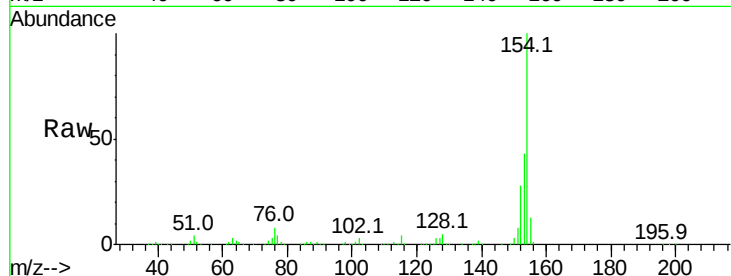
Tot Ion:154 Resp: 536393

Ion Ratio Lower Upper

154 100

153 42.7 19.8 59.8

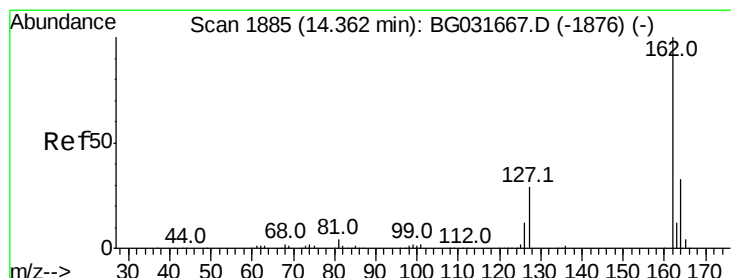
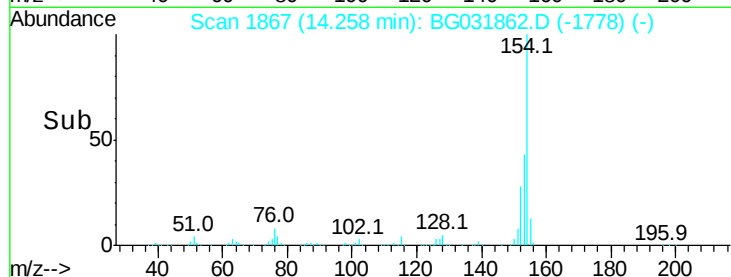
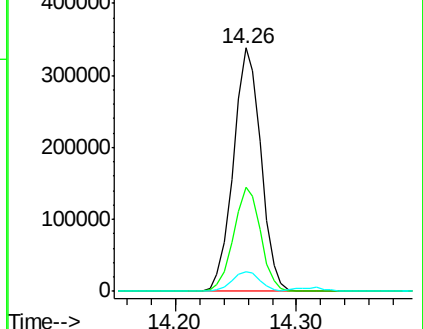
76 8.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.469 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

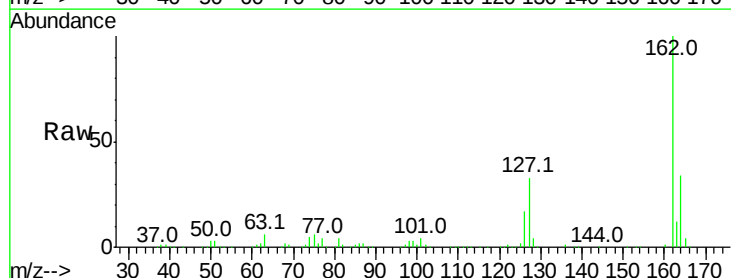
Tgt Ion:162 Resp: 402699

Ion Ratio Lower Upper

162 100

127 33.4 30.7 46.1

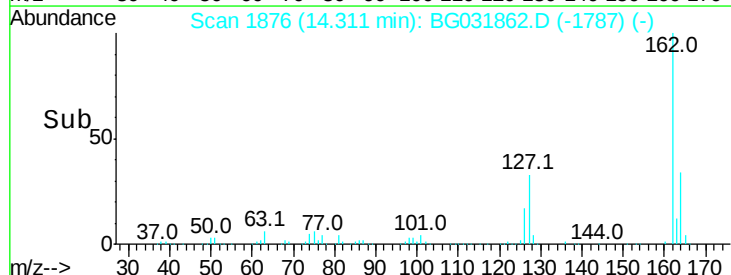
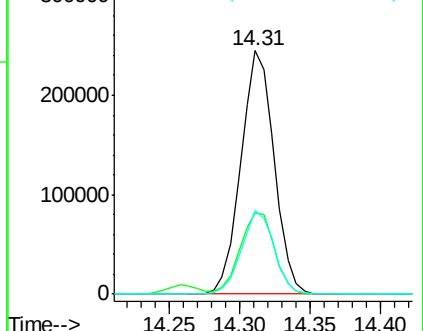
164 34.2 26.0 39.0



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

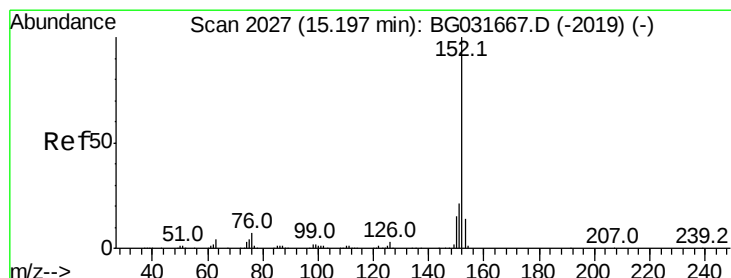
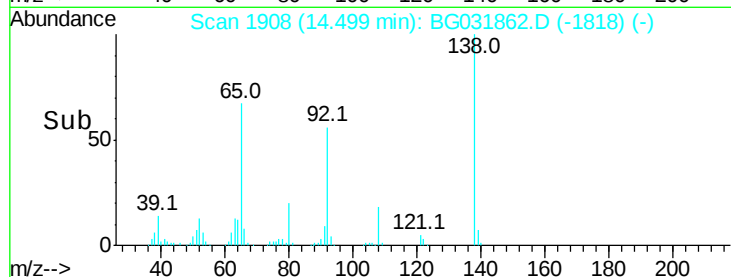
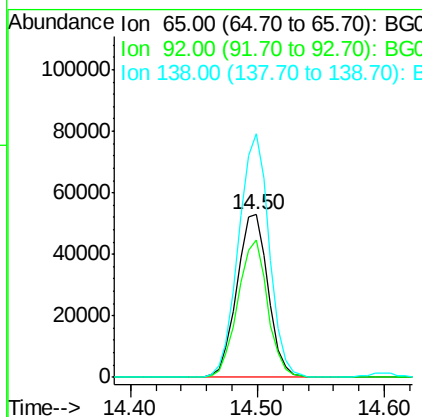
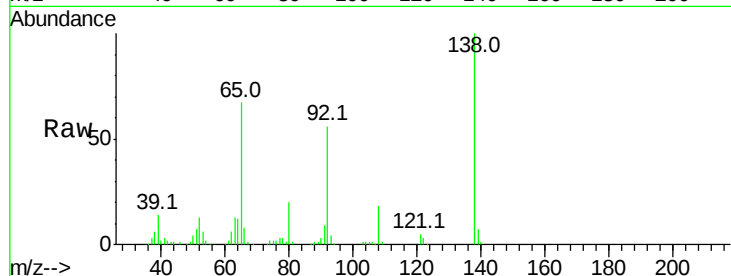




#47
2-Nitroaniline
Concen: 52.553 ng
RT: 14.50 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

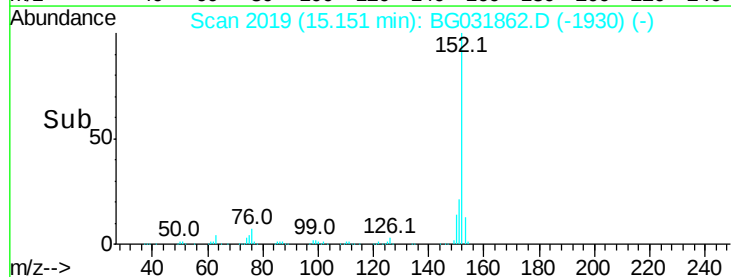
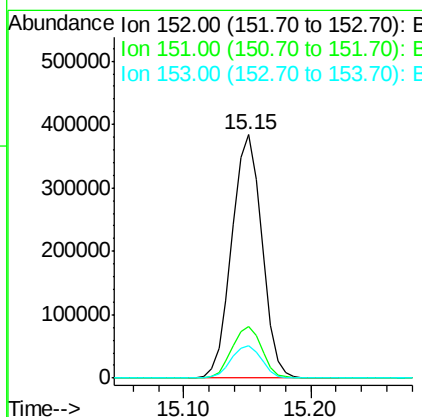
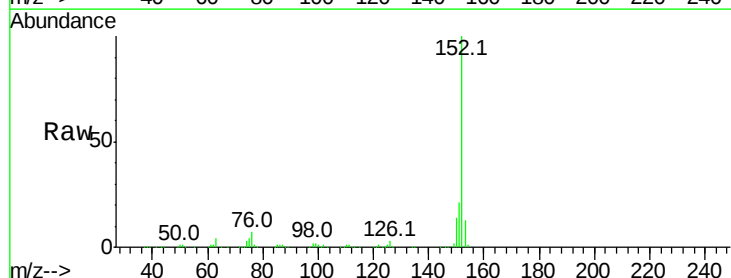
Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 90317
Ion Ratio Lower Upper
65 100
92 84.5 54.6 82.0#
138 149.6 72.9 109.3#



#48
Acenaphthylene
Concen: 39.529 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion: 152 Resp: 629277
Ion Ratio Lower Upper
152 100
151 21.4 17.2 25.8
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 45.891 ng

RT: 14.85 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

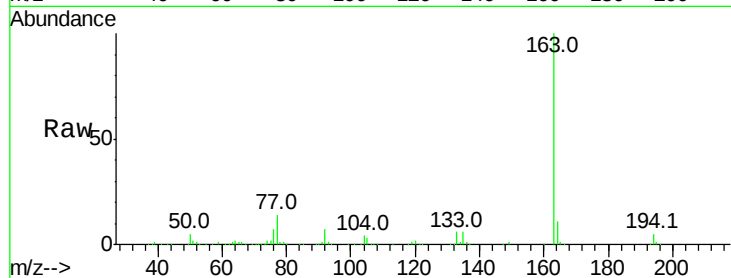
Tot Ion:163 Resp: 617515

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

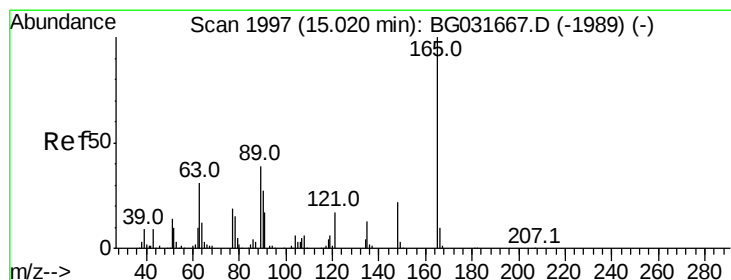
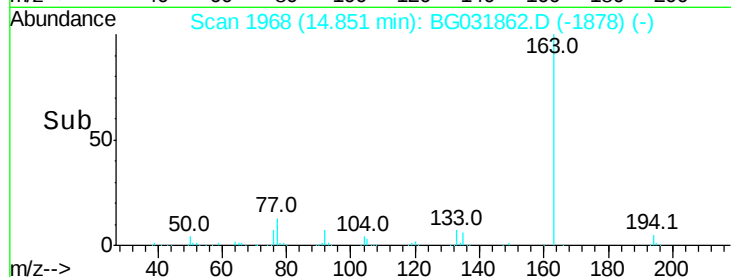
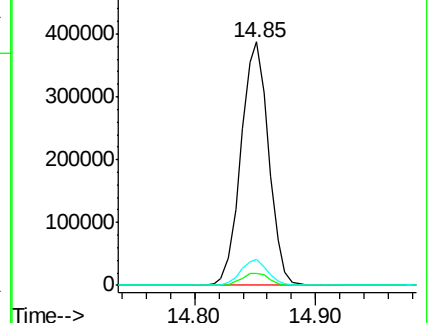
164 10.5 8.2 12.4



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: 50.354 ng

RT: 14.97 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

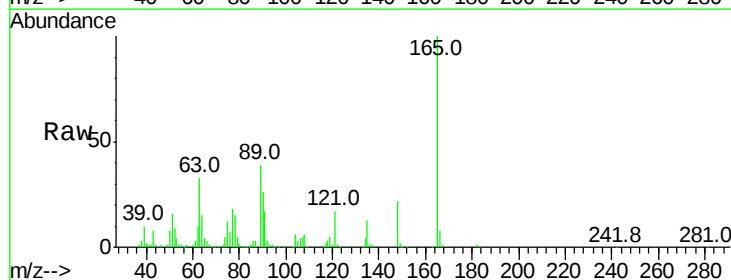
Tgt Ion:165 Resp: 124645

Ion Ratio Lower Upper

165 100

63 32.9 52.7 79.1#

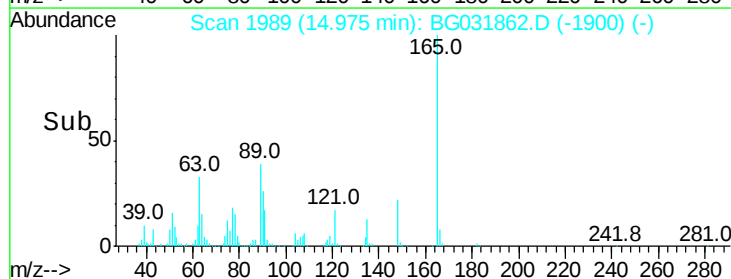
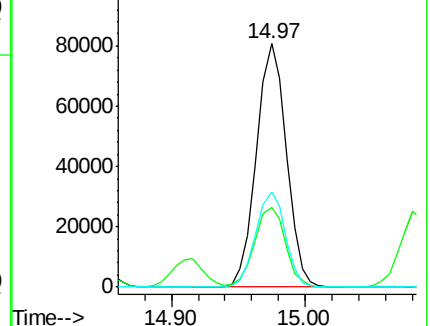
89 38.8 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.028 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

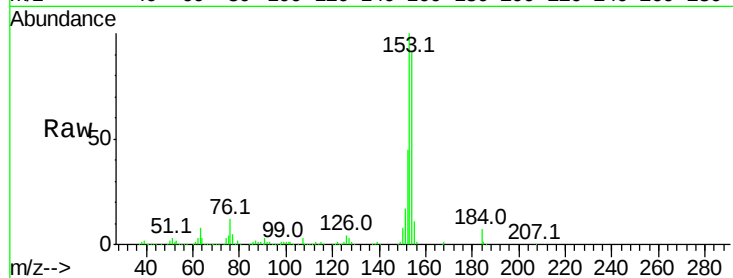
Tot Ion:154 Resp: 469464

Ion Ratio Lower Upper

154 100

153 109.4 90.4 135.6

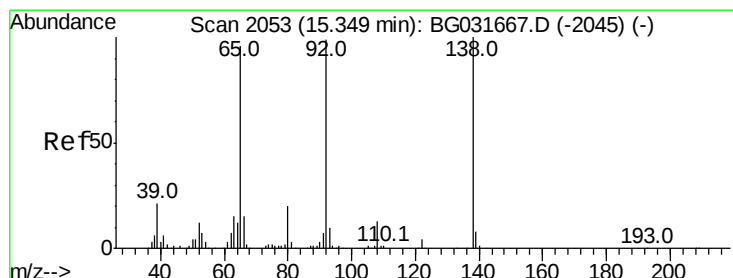
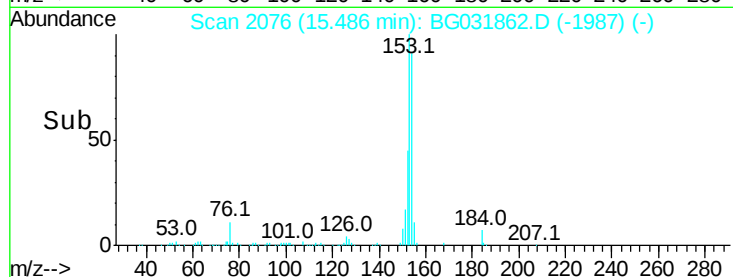
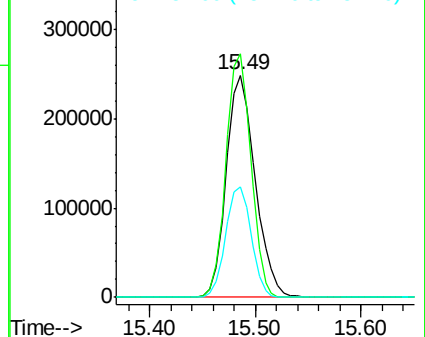
152 49.6 41.6 62.4



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: 27.996 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

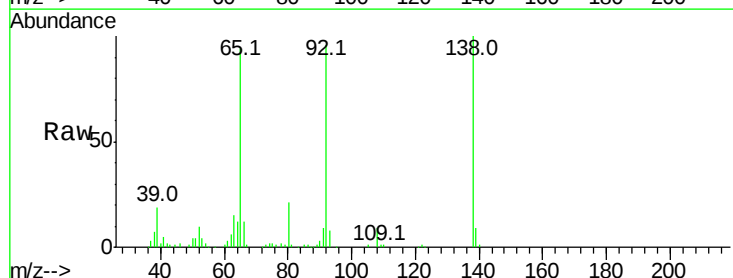
Tgt Ion:138 Resp: 67612

Ion Ratio Lower Upper

138 100

108 9.3 17.5 26.3#

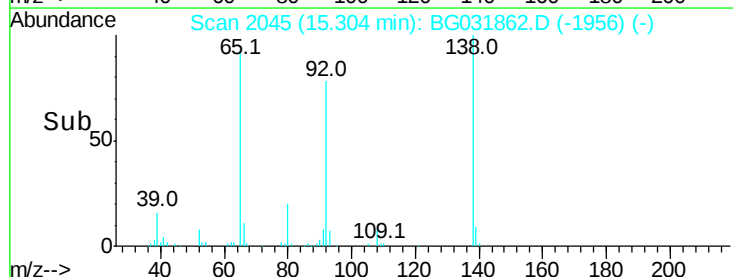
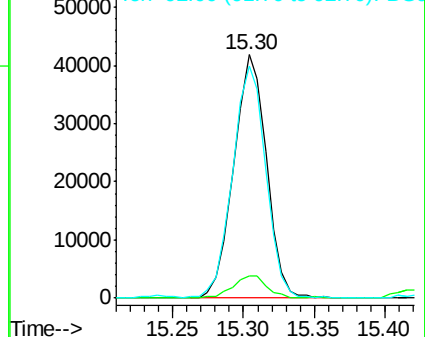
92 95.6 105.8 158.8#

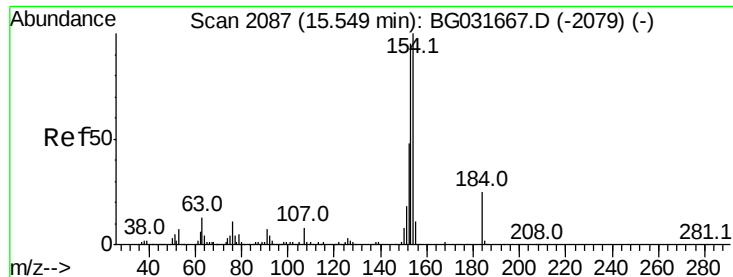


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

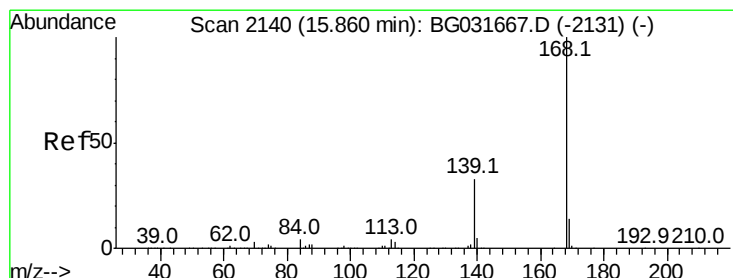
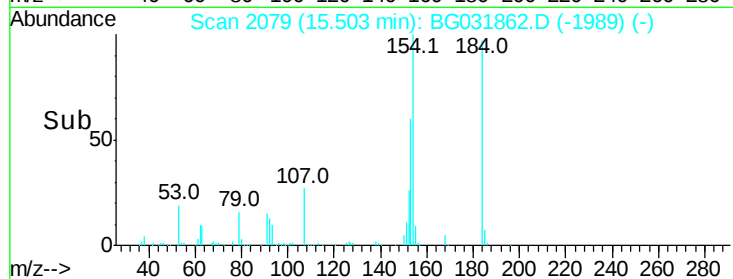
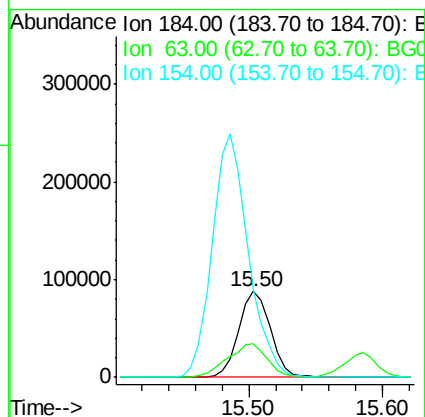
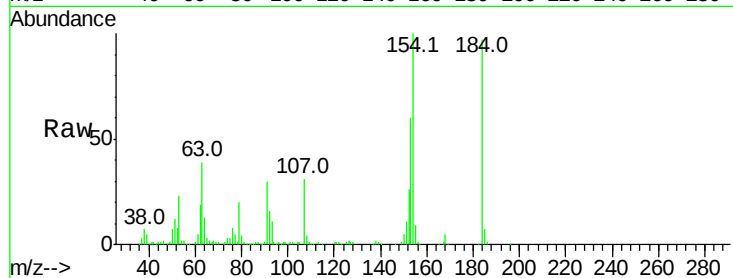




#53
2,4-Dinitrophenol
Concen: 131.525 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

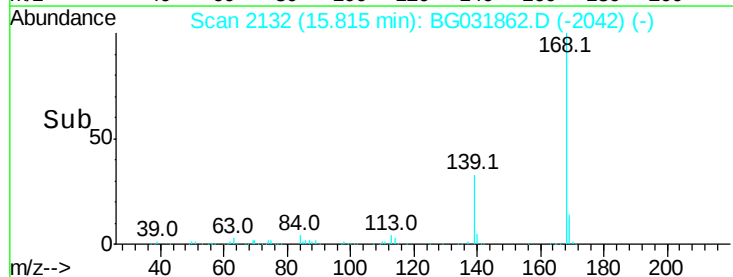
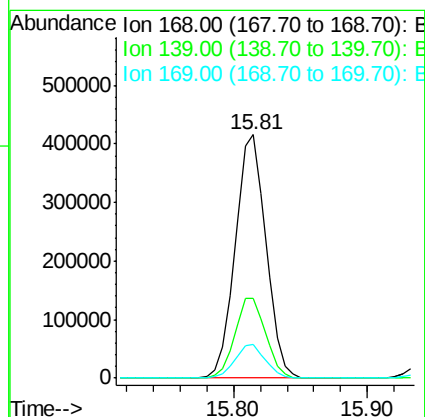
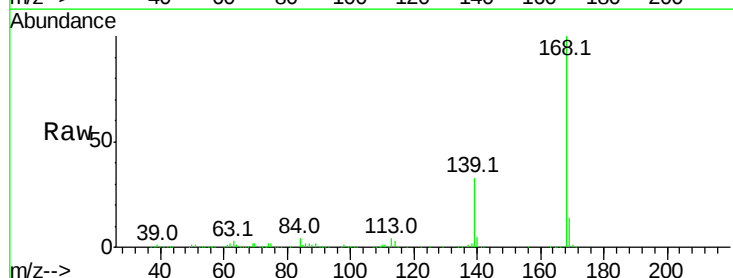
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 144027
Ion Ratio Lower Upper
184 100
63 39.7 59.8 89.8#
154 102.9 101.8 152.8



#54
Dibenzofuran
Concen: 41.438 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:168 Resp: 662265
Ion Ratio Lower Upper
168 100
139 33.0 28.6 43.0
169 13.9 11.2 16.8

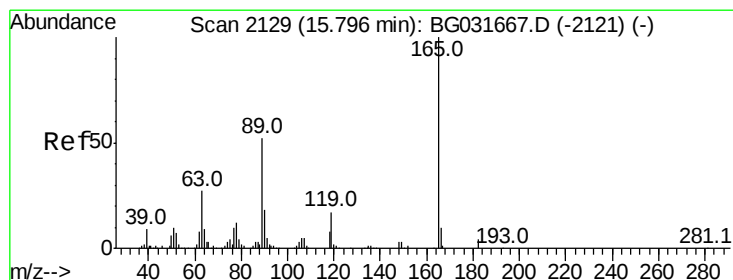
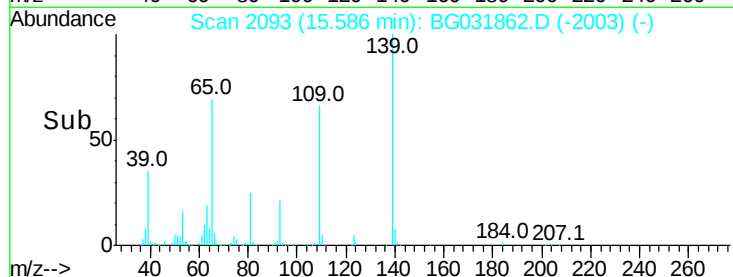
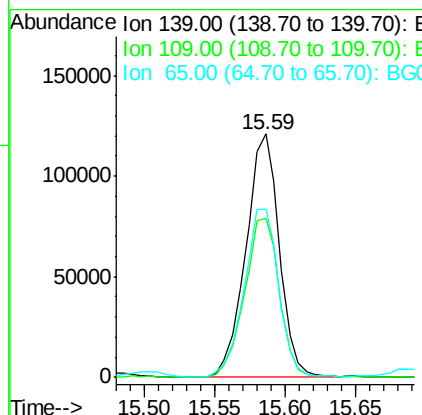
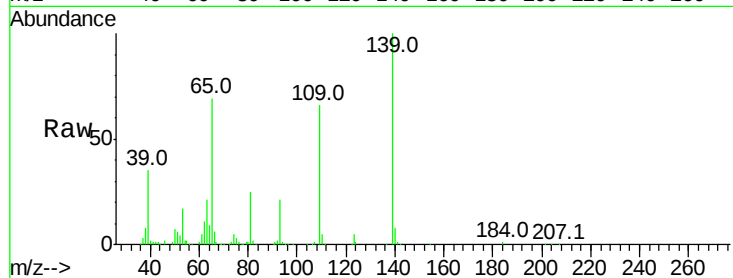




#55
4-Nitrophenol
Concen: 102.139 ng
RT: 15.59 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

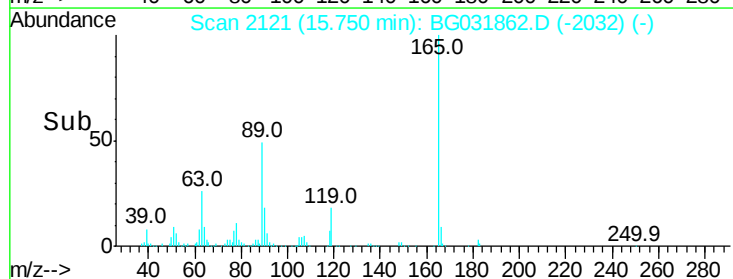
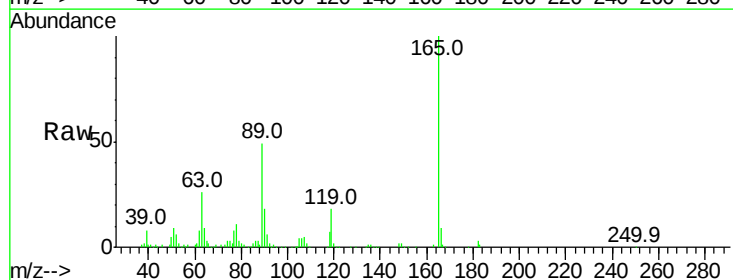
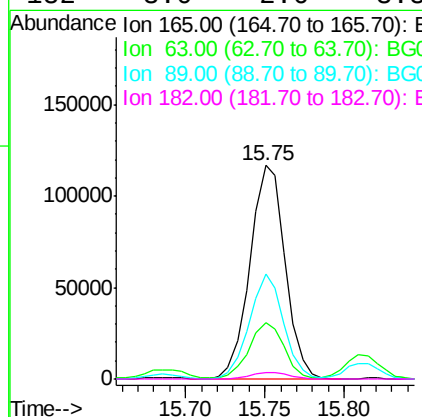
Instrument :
BNA_G
ClientSampleId :

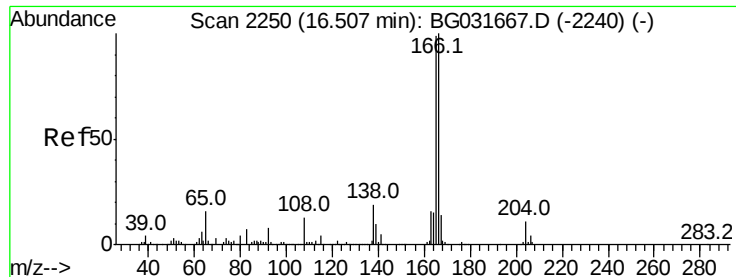
Tot Ion	Ratio	Lower	Upper
139	100		
109	65.6	62.2	102.2
65	69.2	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 56.211 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	26.2	42.0	63.0#
89	49.4	66.9	100.3#
182	3.0	2.6	3.8

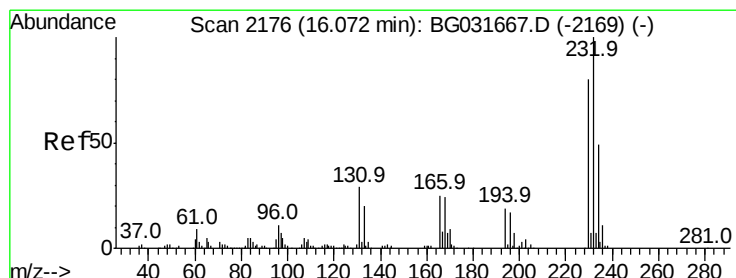
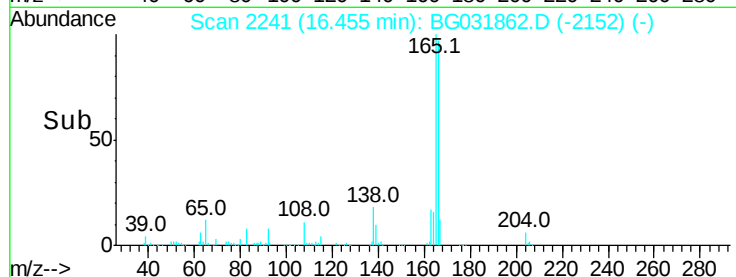
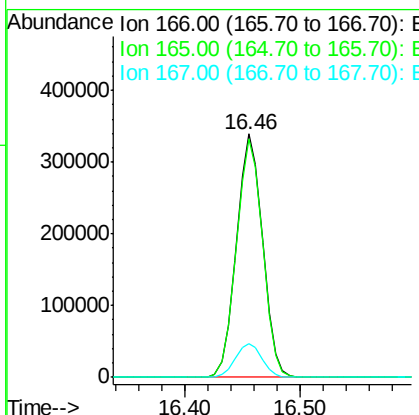
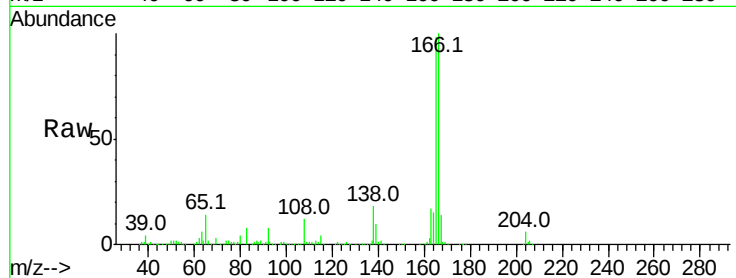




#57
 Fluorene
 Concen: 40.794 ng
 RT: 16.46 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

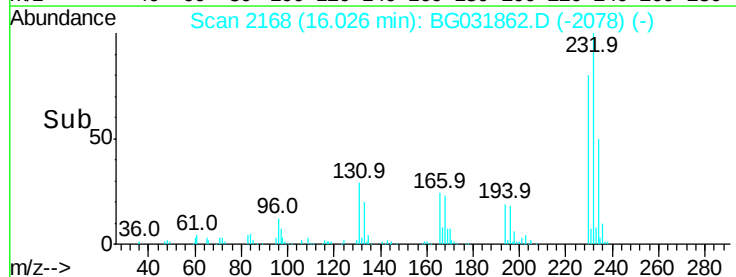
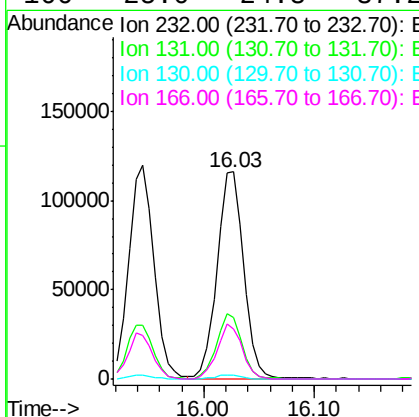
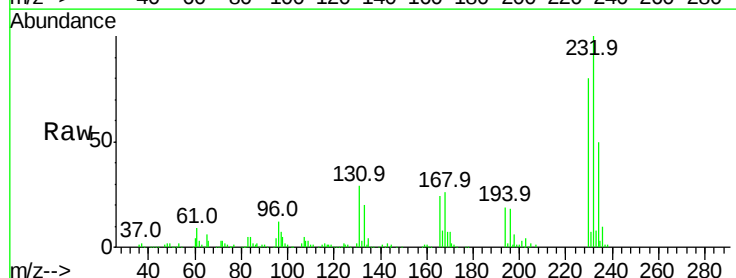
Instrument :
 BNA_G
 ClientSampleId :

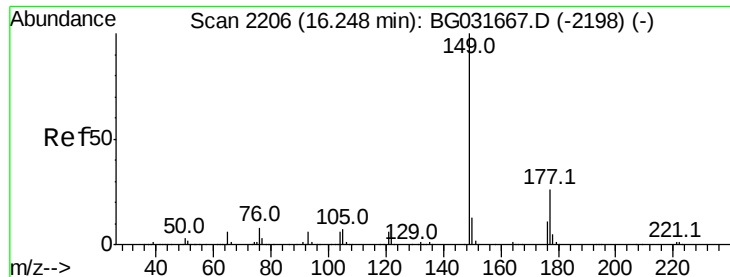
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.6	121.0
167	13.9	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.514 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	29.9	33.5	50.3#
130	1.8	2.2	3.2#
166	25.0	24.8	37.2





#59

Diethylphthalate

Concen: 40.770 ng

RT: 16.19 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

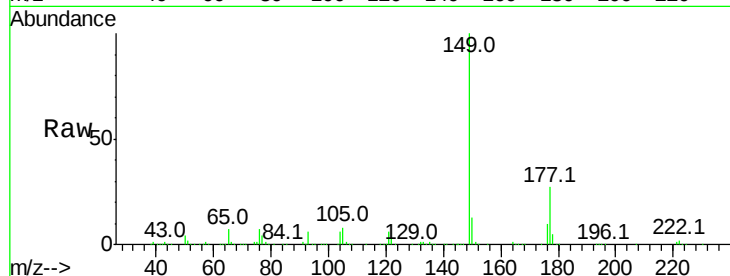
Tot Ion:149 Resp: 534711

Ion Ratio Lower Upper

149 100

177 26.7 18.5 27.7

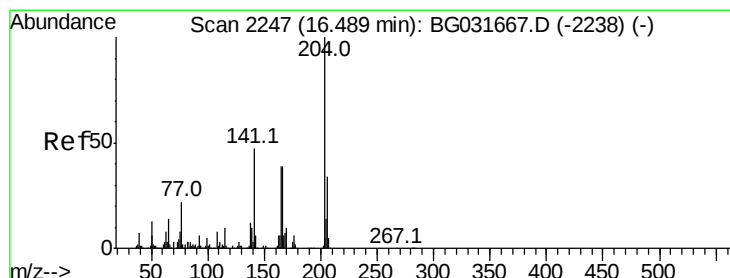
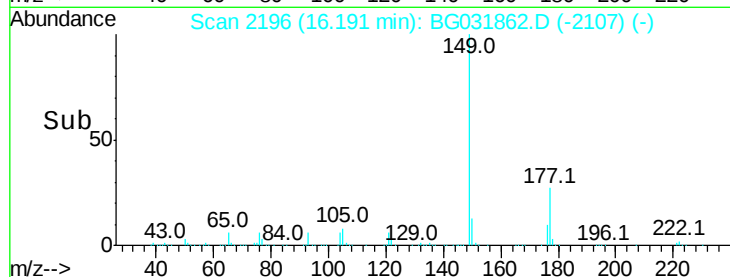
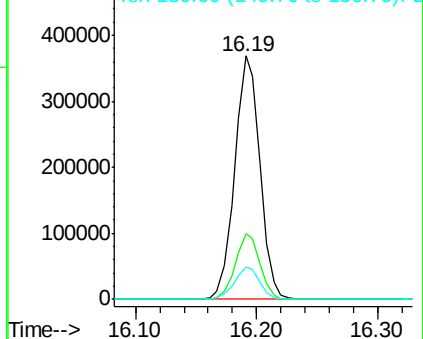
150 13.1 10.2 15.2



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: 40.120 ng

RT: 16.43 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

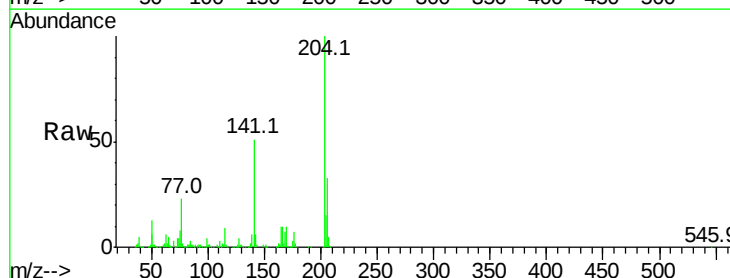
Tgt Ion:204 Resp: 318710

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

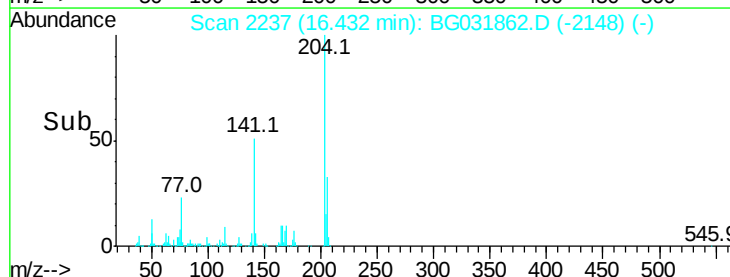
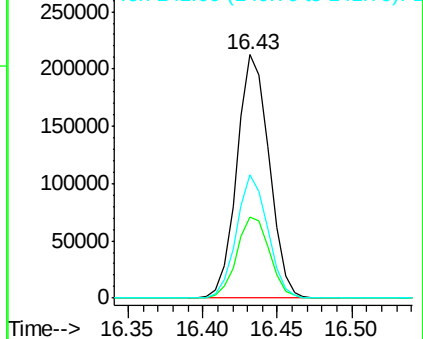
141 50.6 45.8 68.6

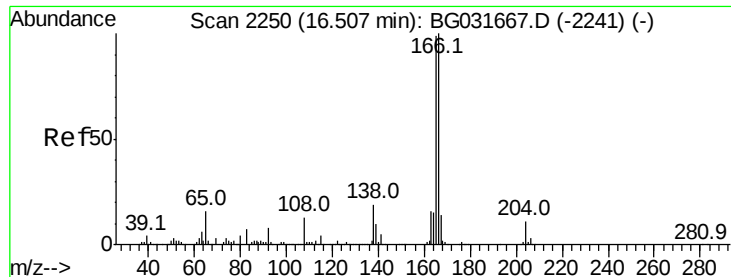


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

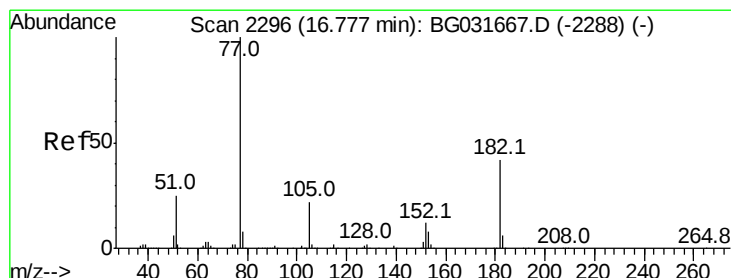
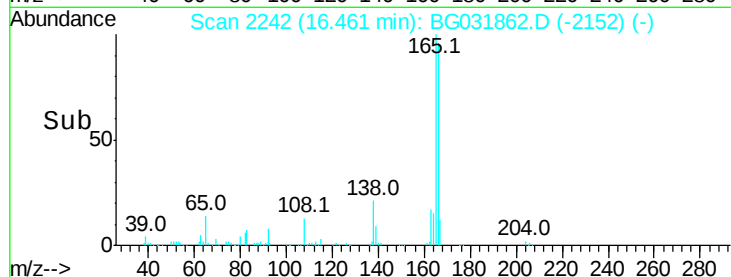
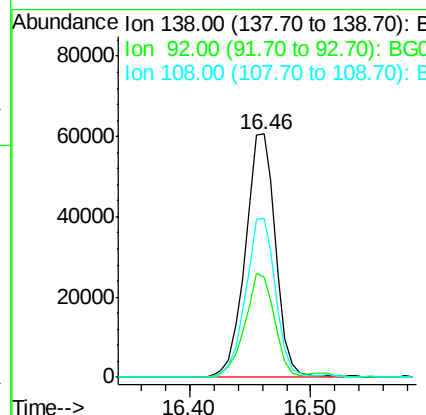
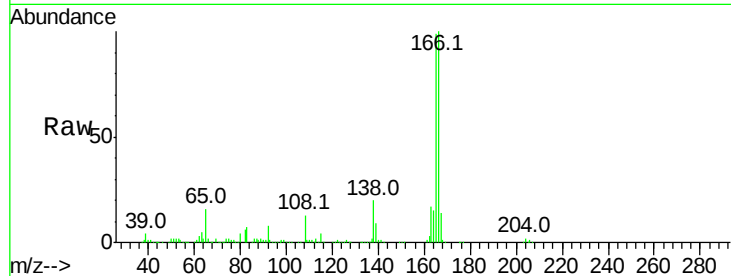




#61
4-Nitroaniline
Concen: 44.942 ng
RT: 16.46 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

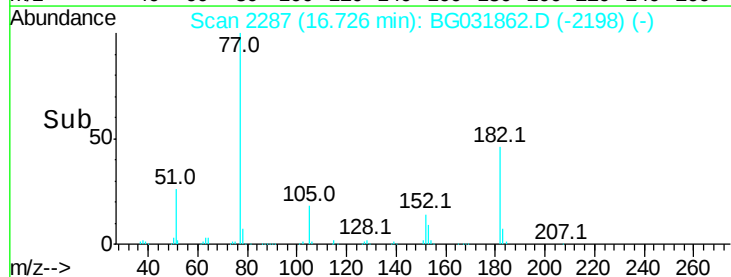
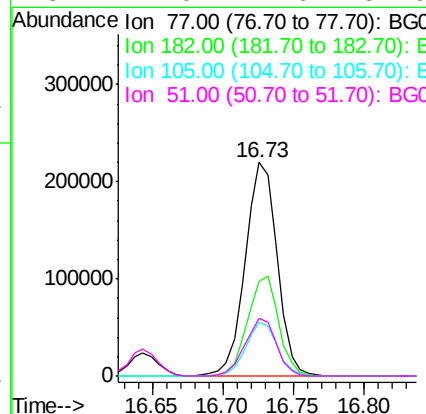
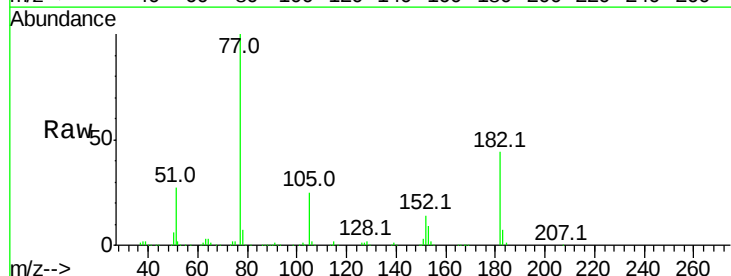
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.1	40.1	80.1
108	65.4	65.4	105.4



#62
Azobenzene
Concen: 41.174 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	44.5	7.4	47.4
105	24.9	0.3	40.3
51	27.0	11.6	51.6

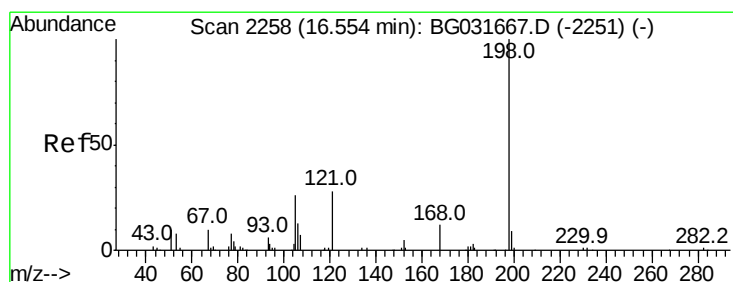
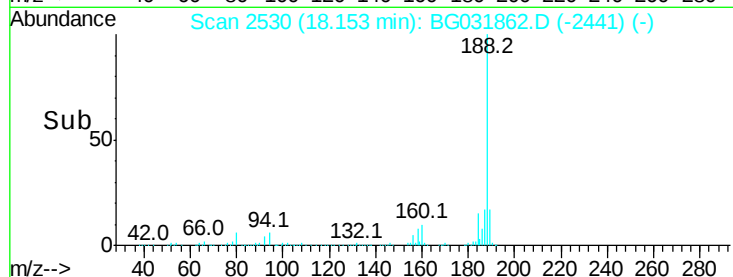
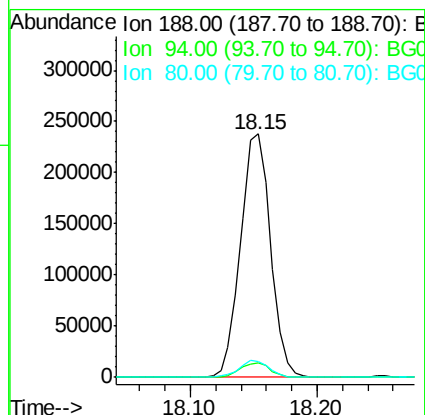
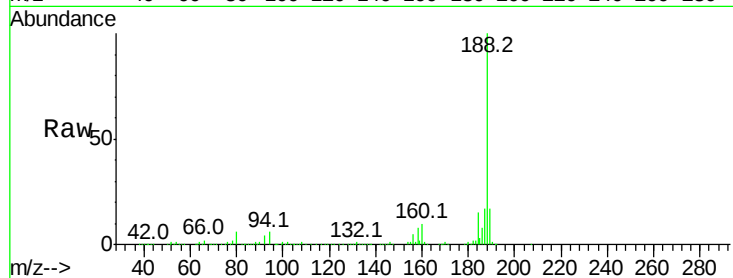




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

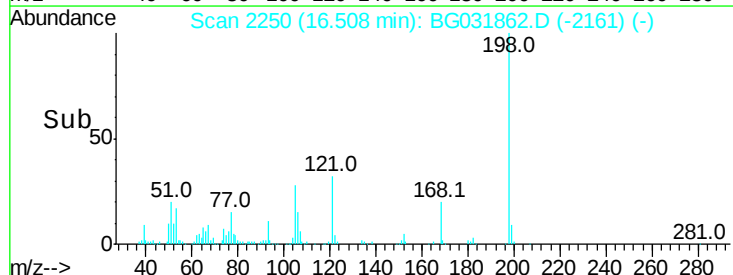
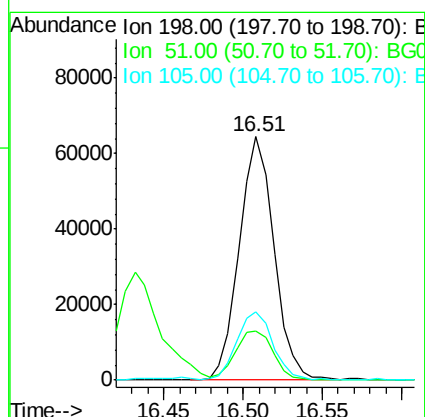
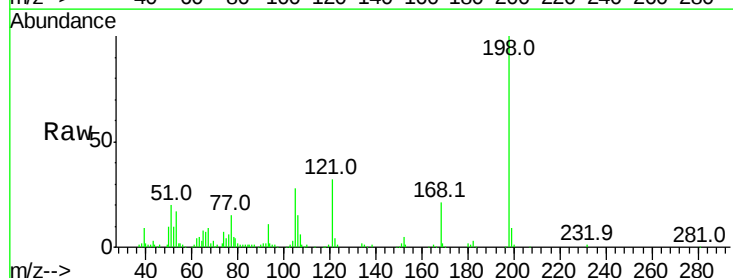
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 390717
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.070 ng
RT: 16.51 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:198 Resp: 98294
Ion Ratio Lower Upper
198 100
51 20.4 30.6 70.6#
105 28.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.792 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

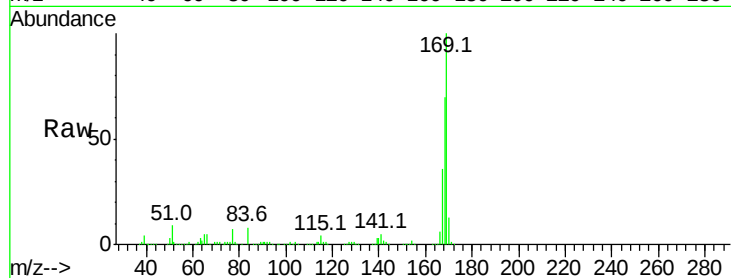
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 503387

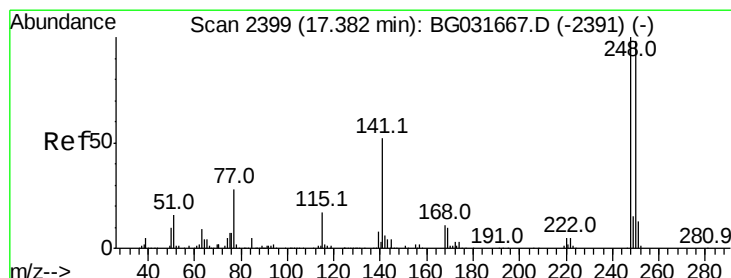
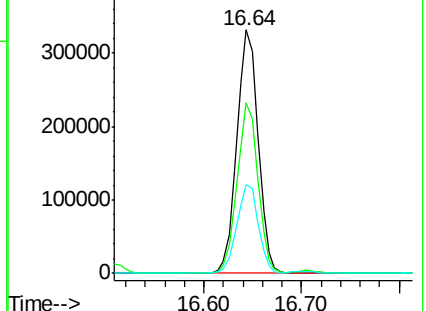
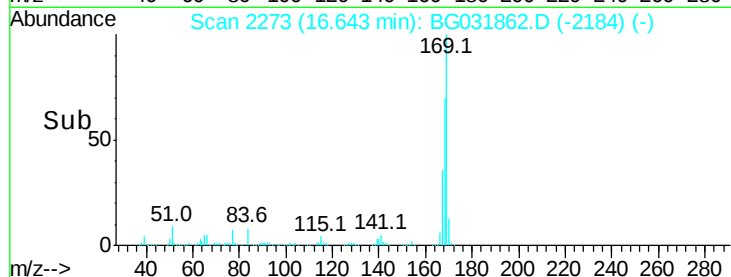
Ion	Ratio	Lower	Upper
169	100		
168	70.2	55.7	83.5
167	36.4	30.1	45.1



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: 40.941 ng

RT: 17.32 min Scan# 2389

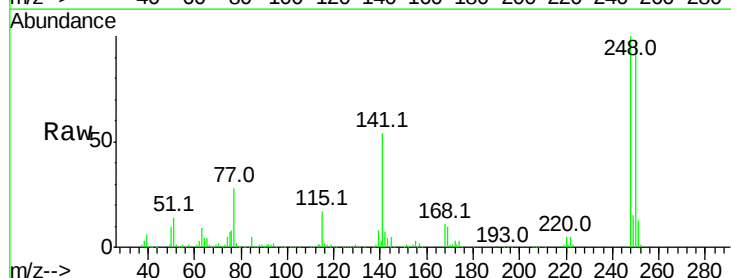
Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Tgt Ion:248 Resp: 231318

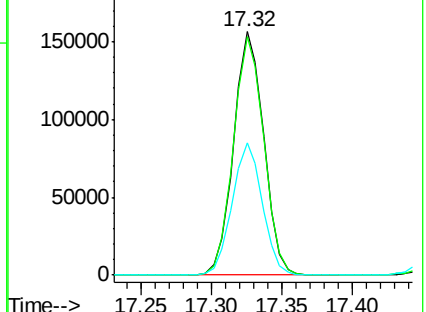
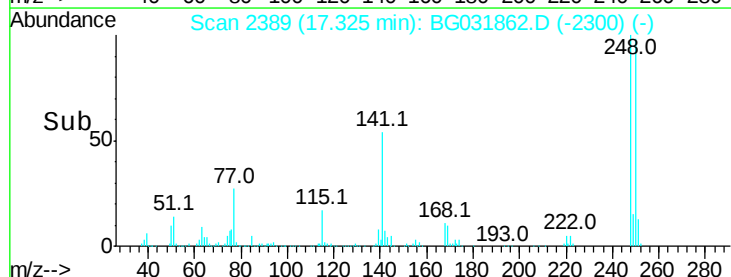
Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	54.5	50.8	76.2



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

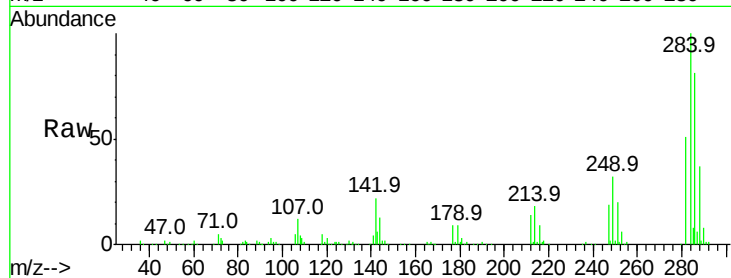




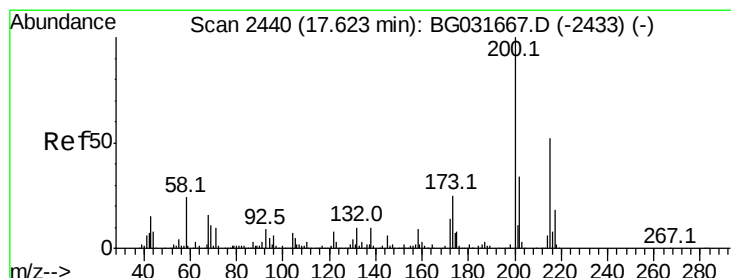
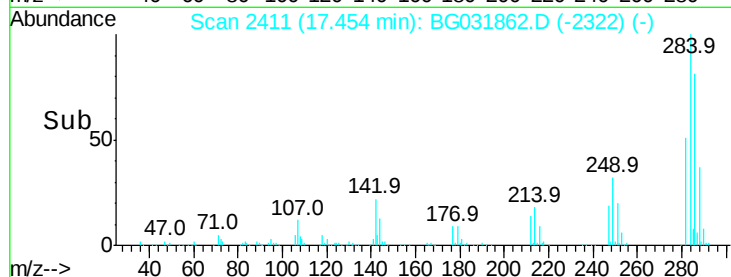
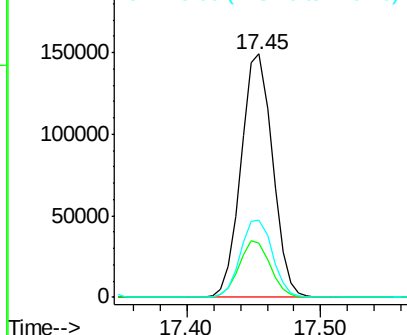
#67
Hexachlorobenzene
Concen: 42.089 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.1	26.8	40.2#
249	31.7	26.3	39.5

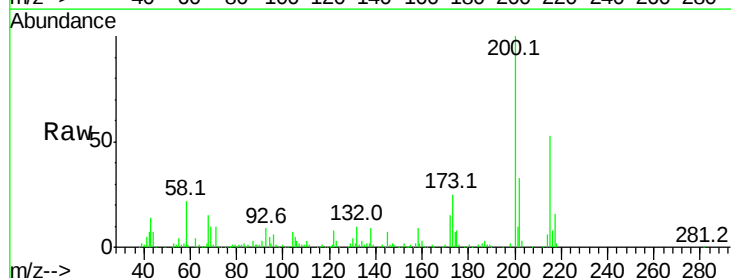


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

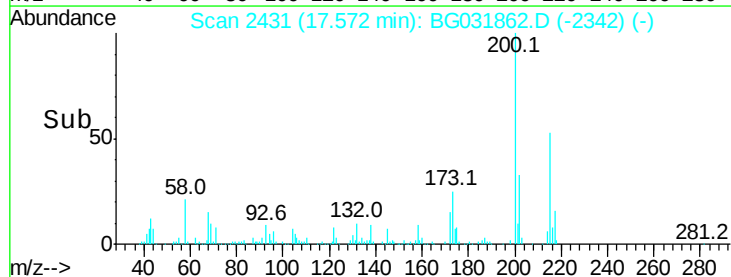
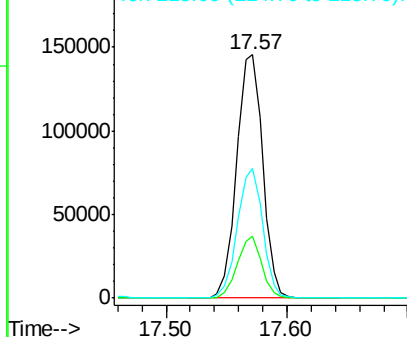


#68
Atrazine
Concen: 43.483 ng
RT: 17.57 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.2	45.2
215	53.4	30.4	70.4



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

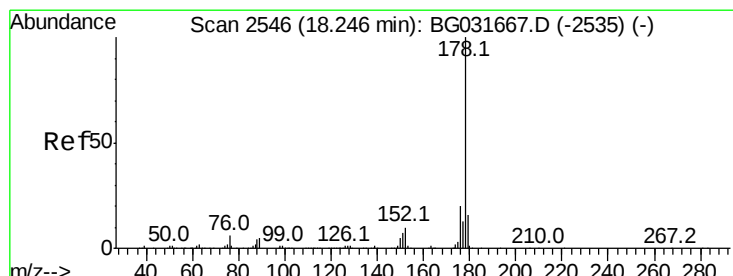
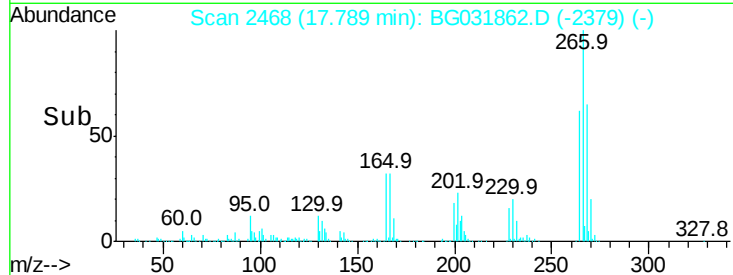
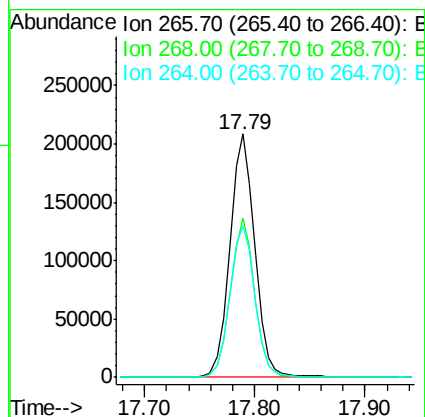
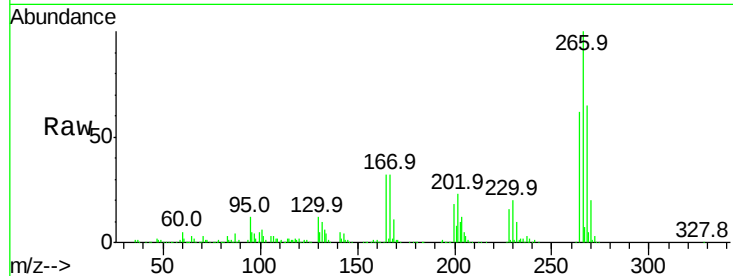




#69
 Pentachlorophenol
 Concen: 83.028 ng
 RT: 17.79 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

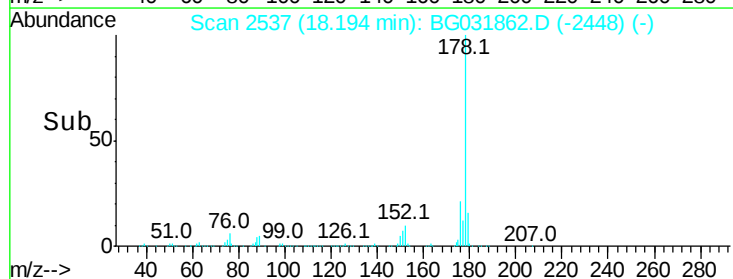
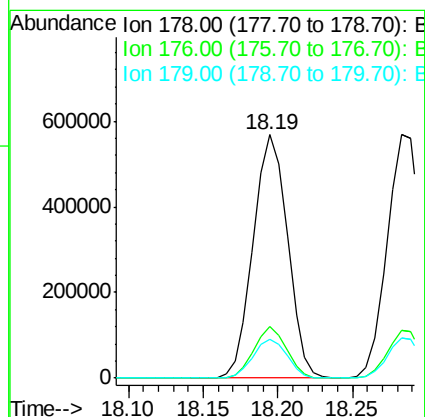
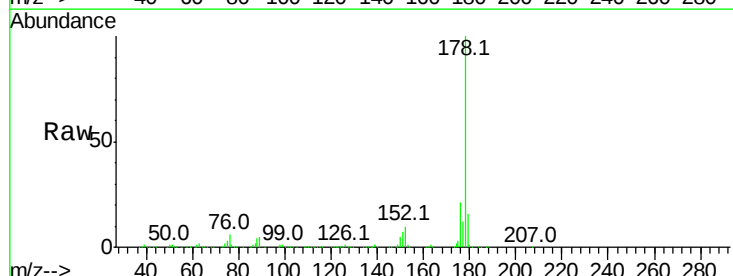
Instrument :
 BNA_G
 ClientSampleId :

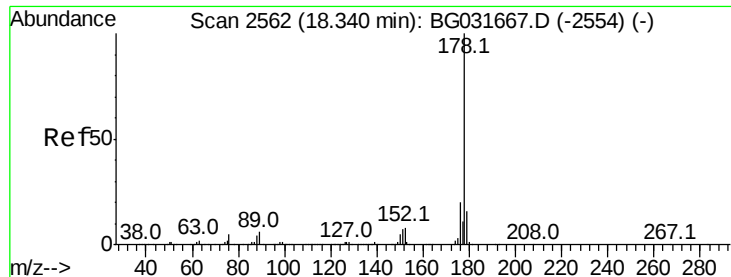
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	62.2	49.6	74.4



#70
 Phenanthrene
 Concen: 40.924 ng
 RT: 18.19 min Scan# 2537
 Delta R.T. -0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.1	12.5	18.7

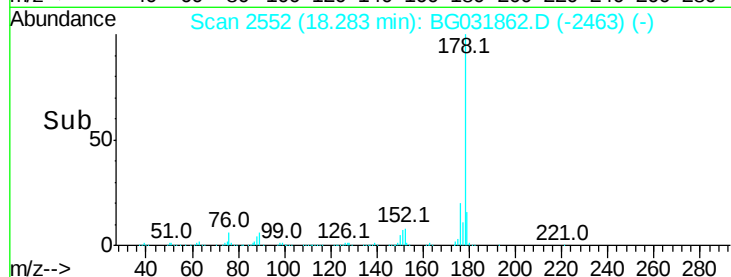
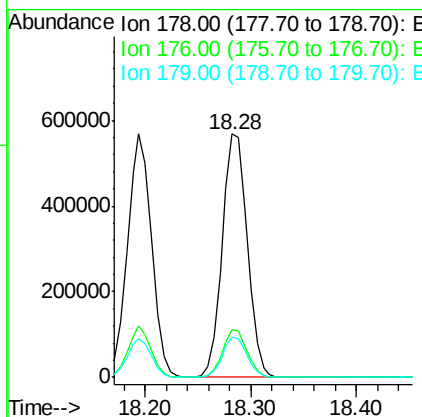
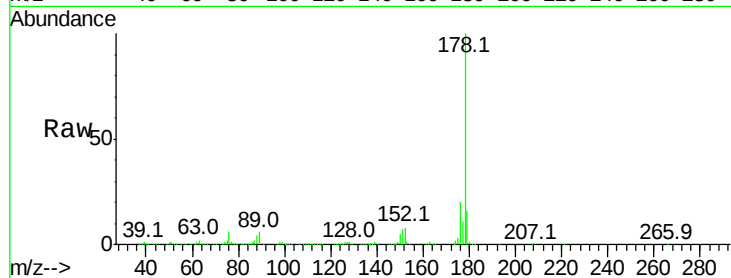




#71
 Anthracene
 Concen: 41.819 ng
 RT: 18.28 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

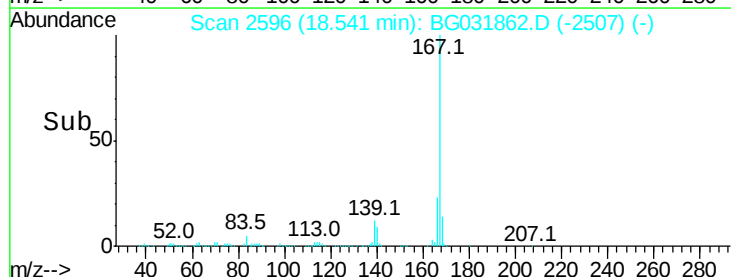
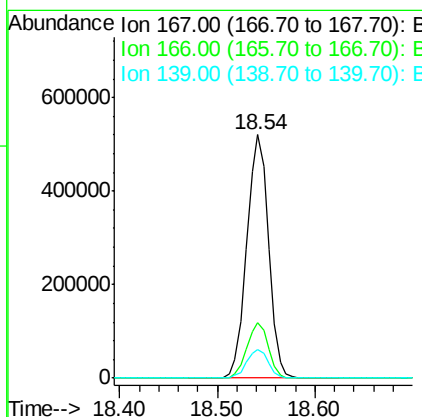
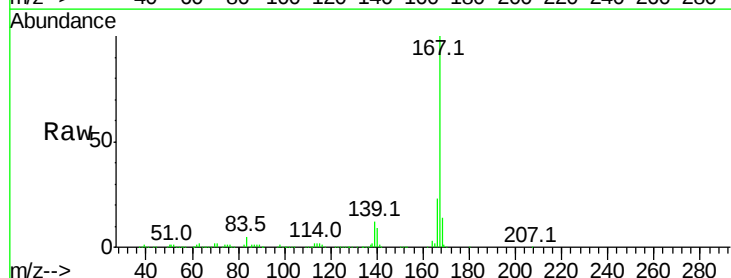
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 932771
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 41.241 ng
 RT: 18.54 min Scan# 2596
 Delta R.T. -0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

Tgt Ion:167 Resp: 814188
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 11.8 9.4 14.2

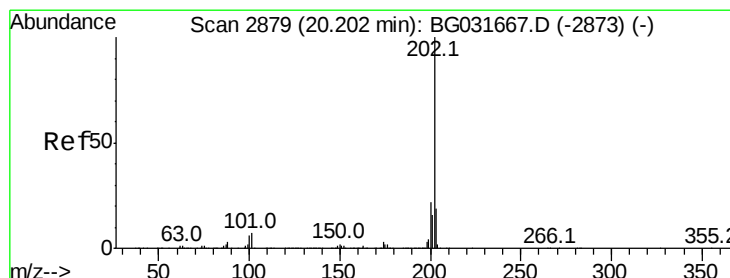
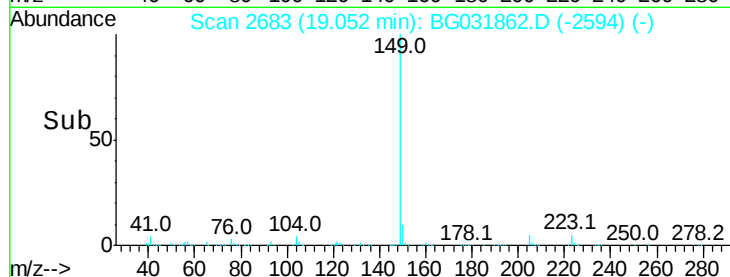
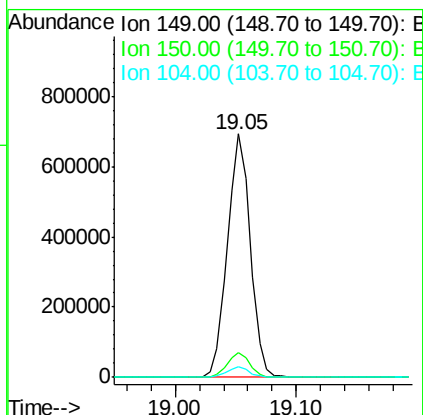
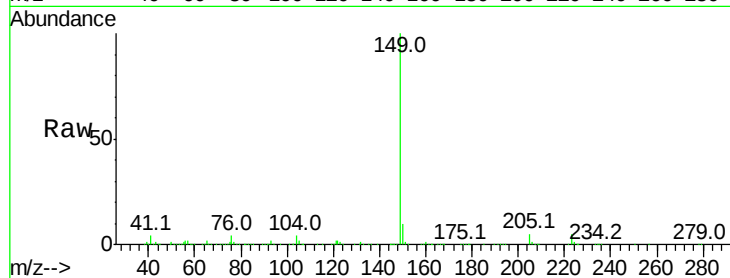




#73
Di-n-butylphthalate
Concen: 41.552 ng
RT: 19.05 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

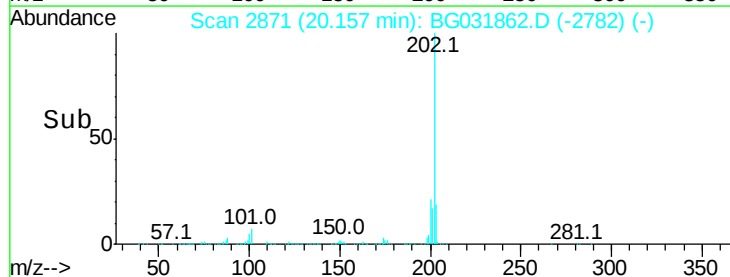
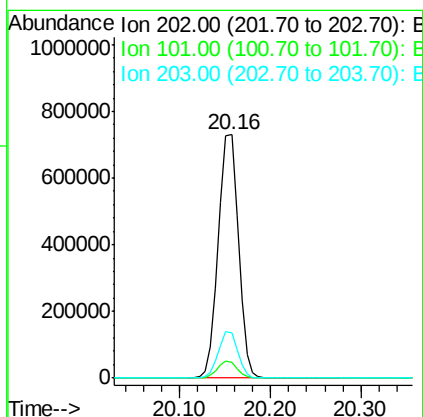
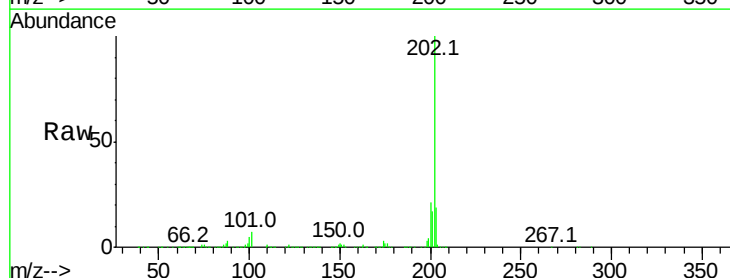
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 911642
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 4.4 3.9 5.9



#74
Fluoranthene
Concen: 41.412 ng
RT: 20.16 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:202 Resp: 1123555
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.50 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

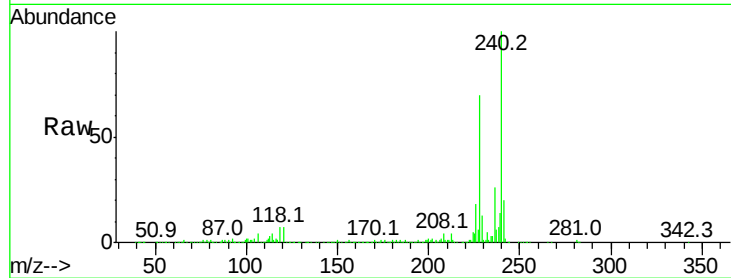
Tot Ion:240 Resp: 427191

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

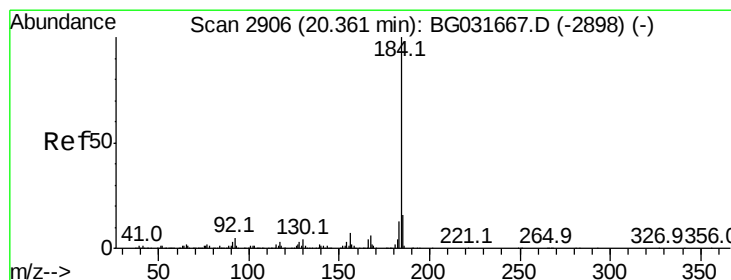
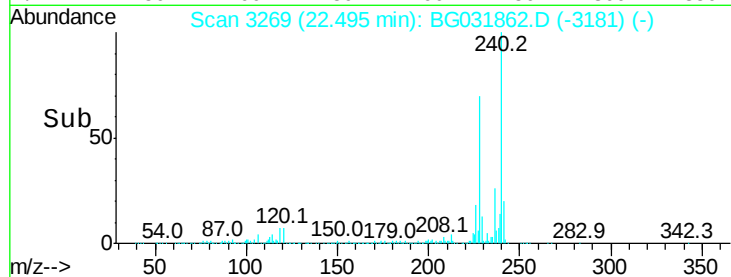
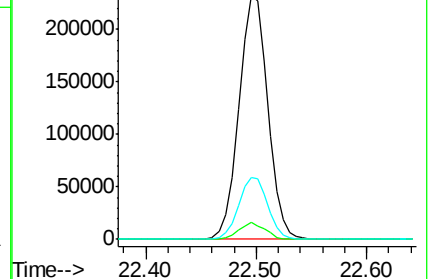
236 25.5 20.9 31.3



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: 19.392 ng

RT: 20.31 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

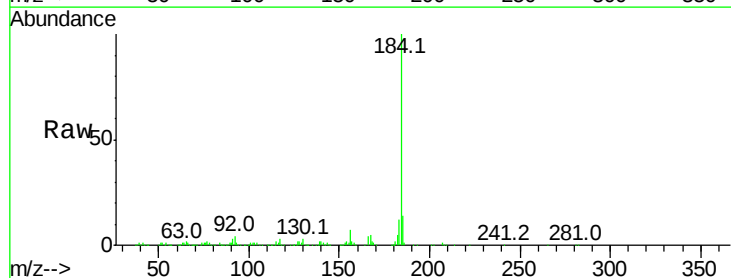
Tgt Ion:184 Resp: 255689

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

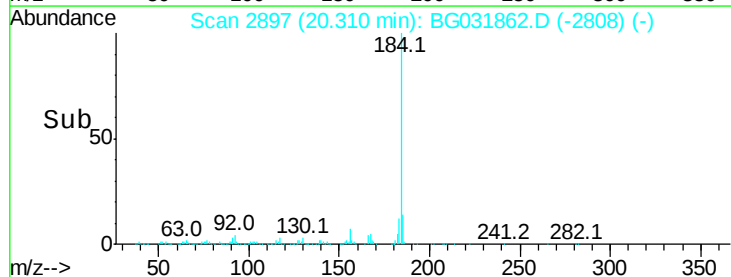
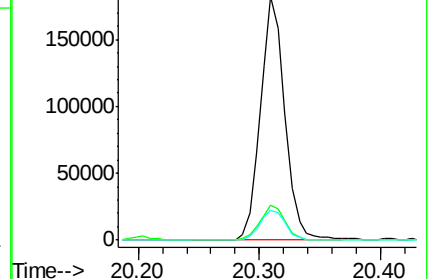
183 12.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.338 ng

RT: 20.51 min Scan# 2931

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

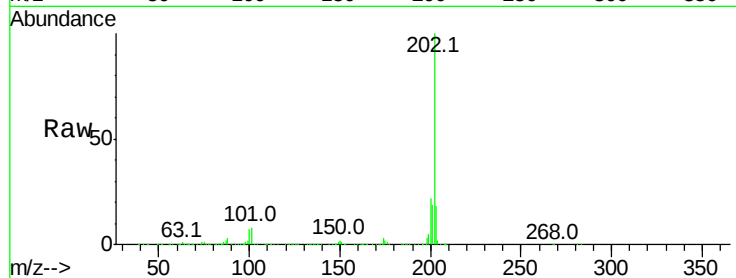
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1128022

Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.4	13.9	20.9

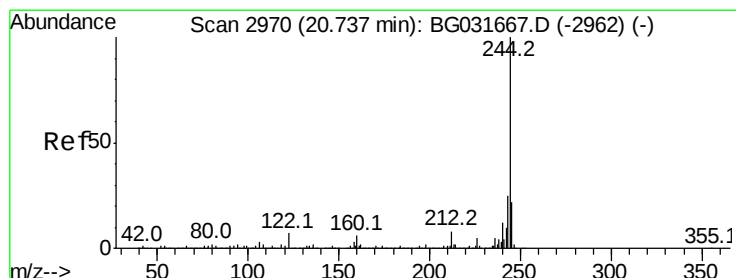
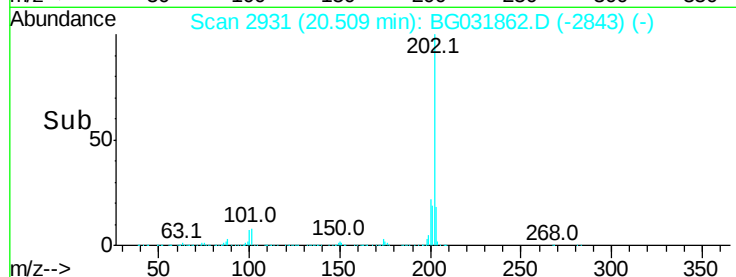
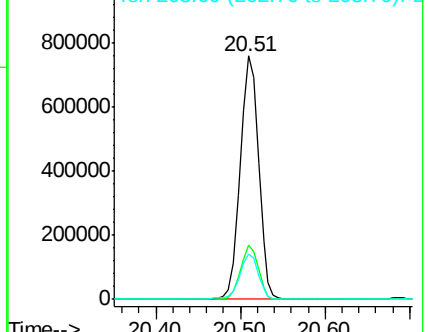


Abundance

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: 102.134 ng

RT: 20.69 min Scan# 2961

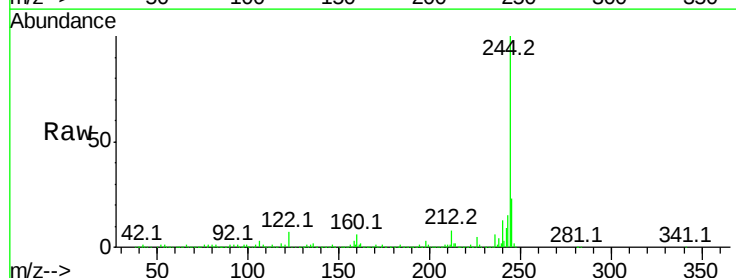
Delta R.T. -0.00 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Tgt Ion:244 Resp: 1909739

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.5	7.0	10.4

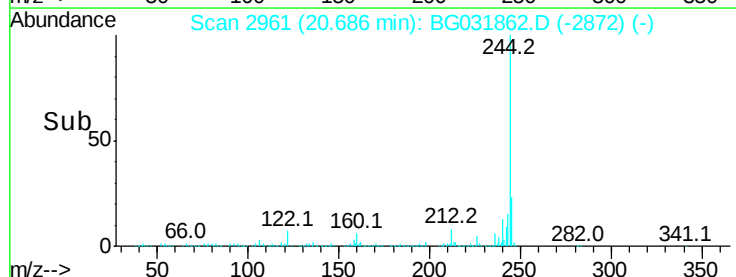
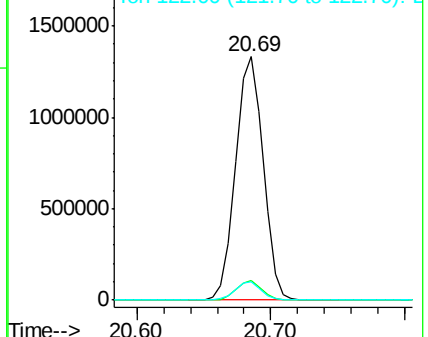


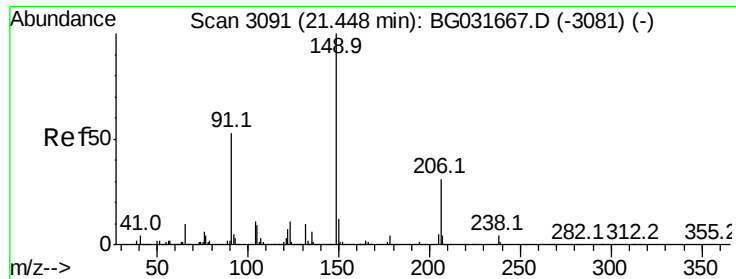
Abundance

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

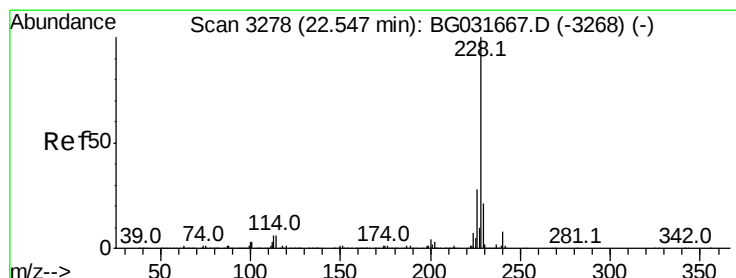
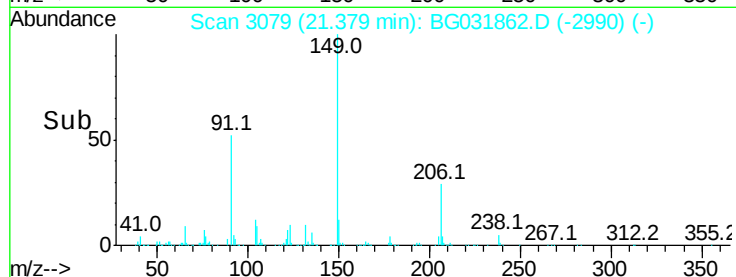
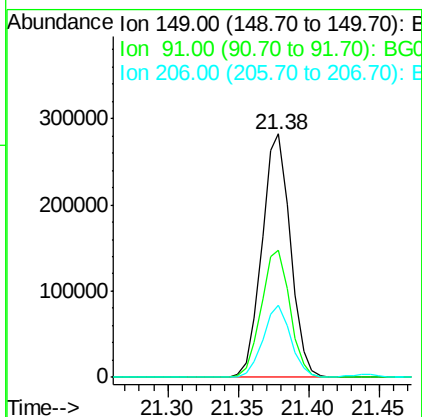
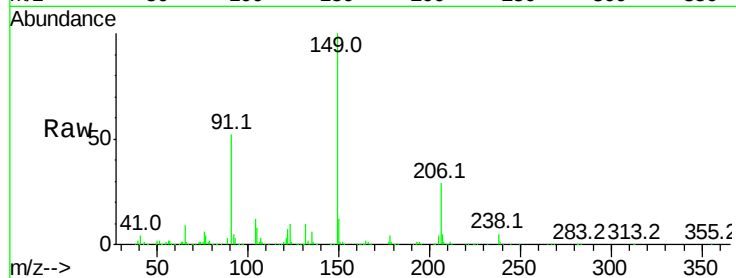




#79
Butylbenzylphthalate
Concen: 43.780 ng
RT: 21.38 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

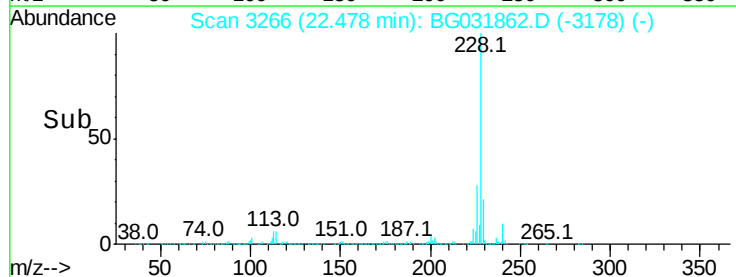
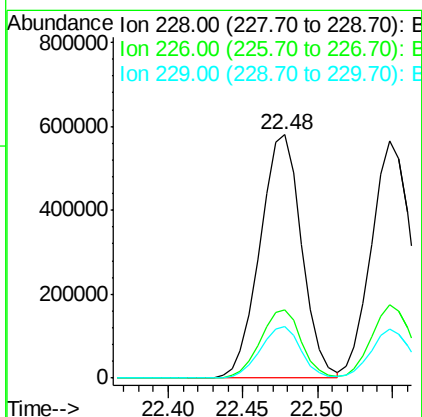
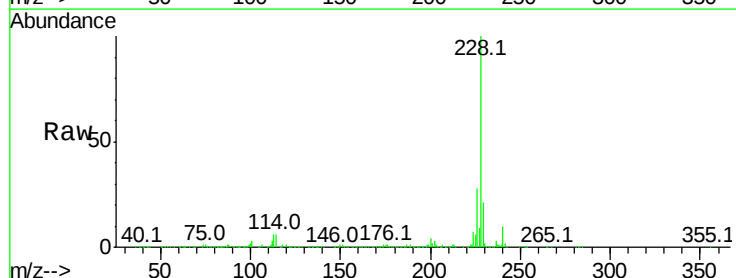
Instrument :
BNA_G
ClientSampleId :

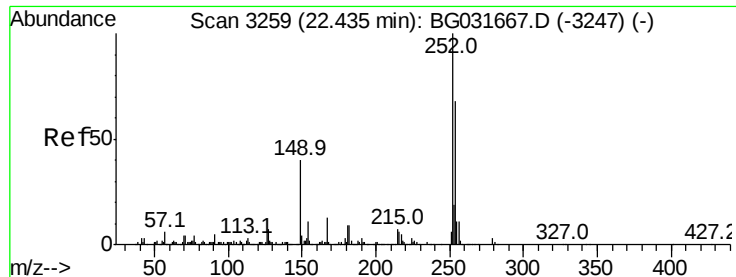
Tot Ion	Ratio	Lower	Upper
149	100		
91	52.4	62.2	93.2#
206	29.4	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 41.440 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	21.0	16.2	24.2

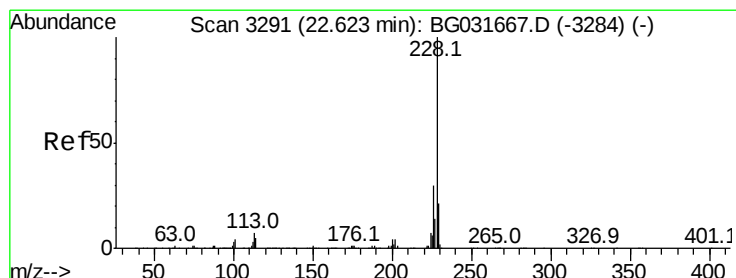
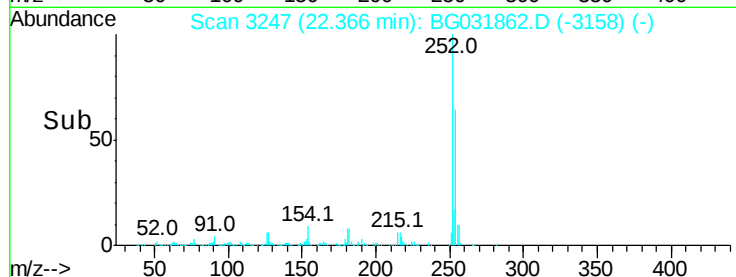
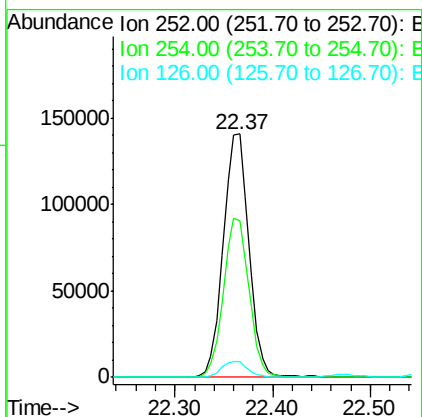
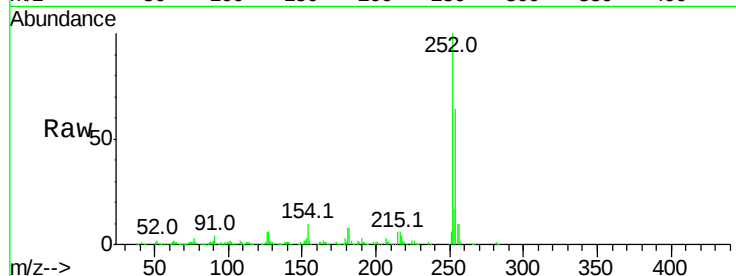




#81
 3,3'-Dichlorobenzidine
 Concen: 24.368 ng
 RT: 22.37 min Scan# 3247
 Delta R.T. -0.00 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

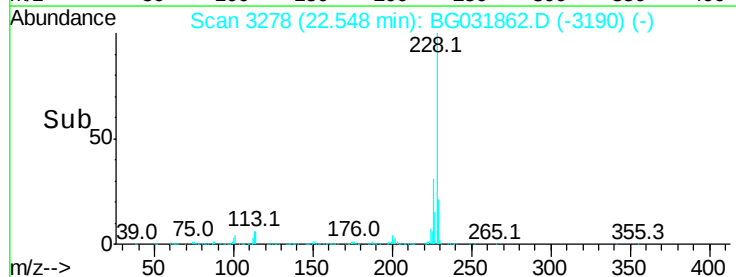
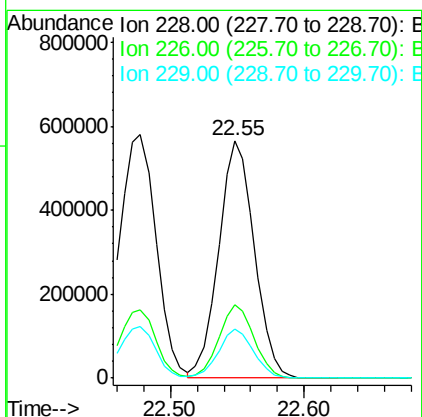
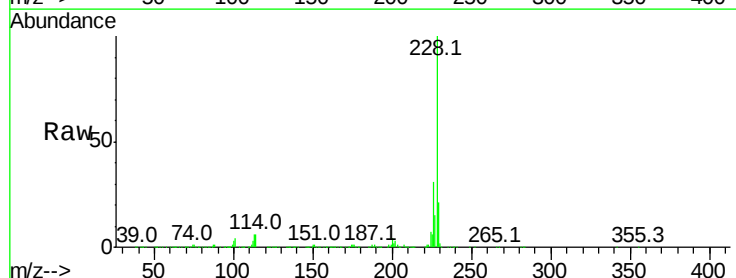
Instrument :
 BNA_G
 ClientSampleId :

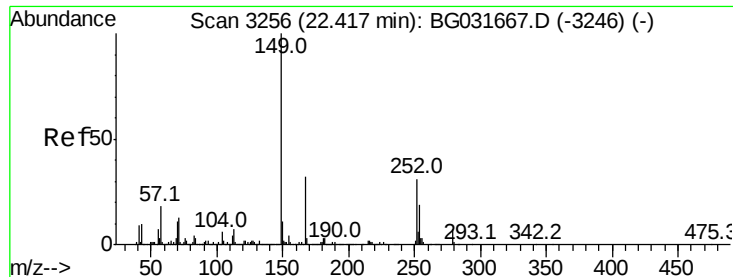
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	6.3	7.4	11.2#



#82
 Chrysene
 Concen: 40.945 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG031862.D
 Acq: 29 Dec 2017 20:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.5	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.743 ng

RT: 22.32 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

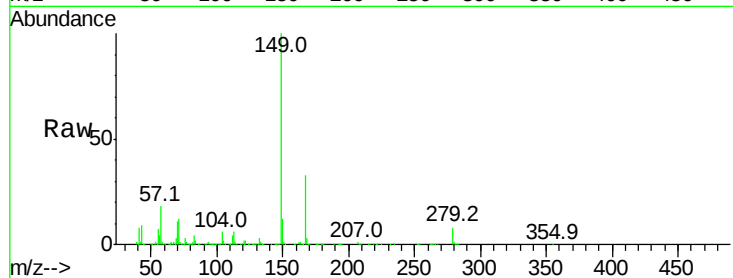
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 553982

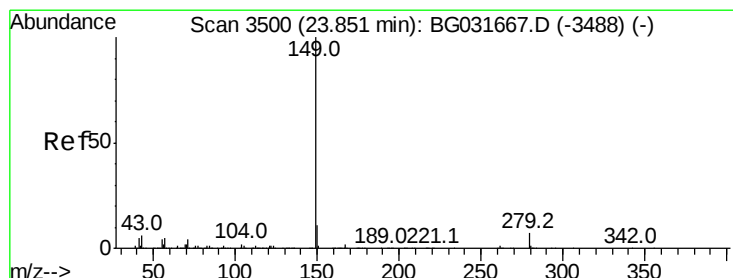
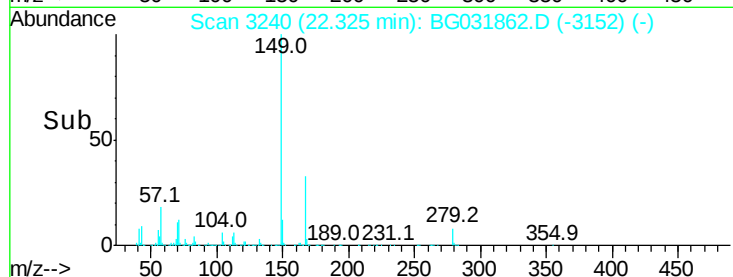
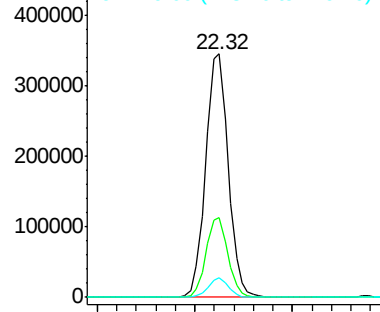
Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.3	36.5
279	8.0	4.0	6.0



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: 42.154 ng

RT: 23.72 min Scan# 3478

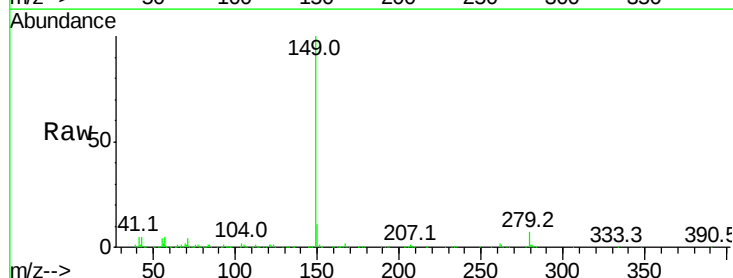
Delta R.T. -0.01 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Tgt Ion:149 Resp: 942183

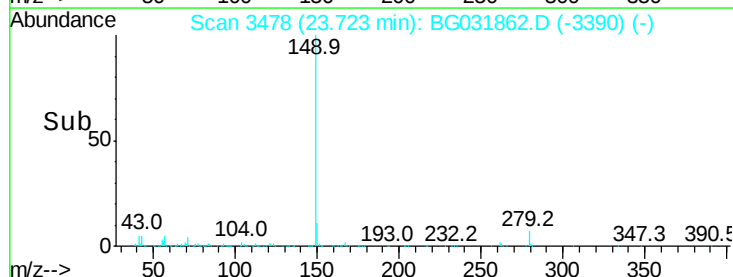
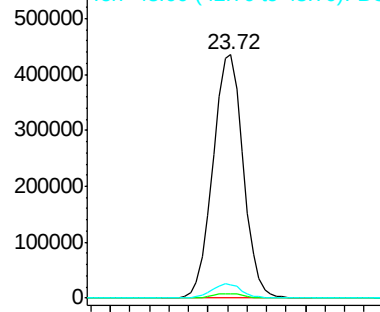
Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	5.8	8.9	13.3

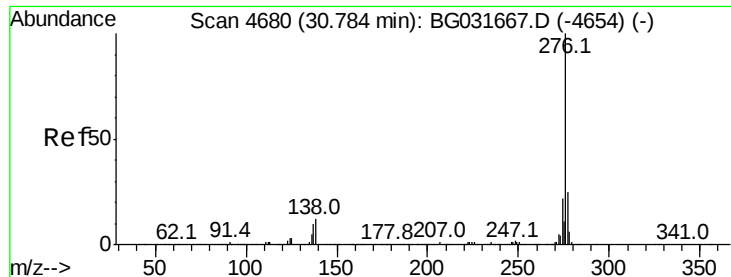


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

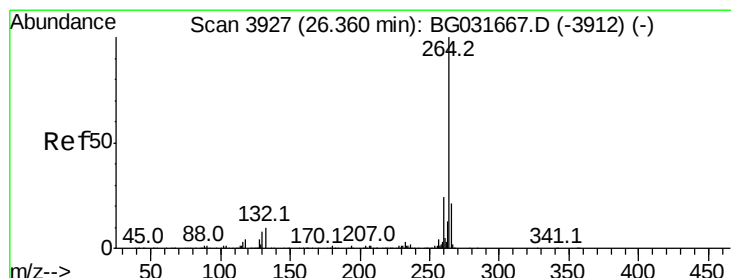
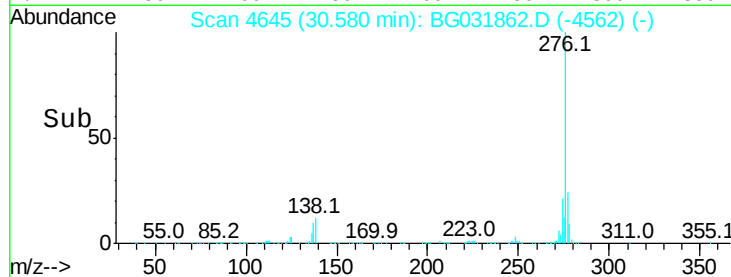
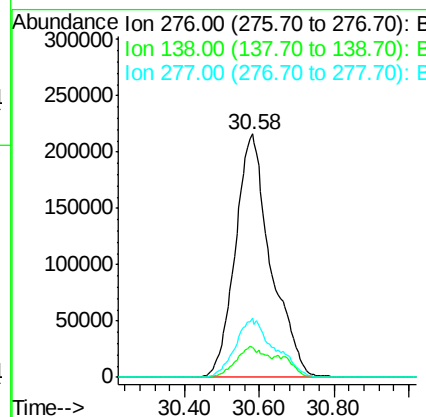
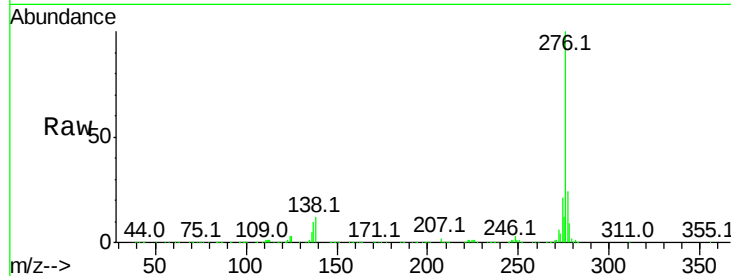




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.221 ng
RT: 30.58 min Scan# 4645
Delta R.T. -0.04 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

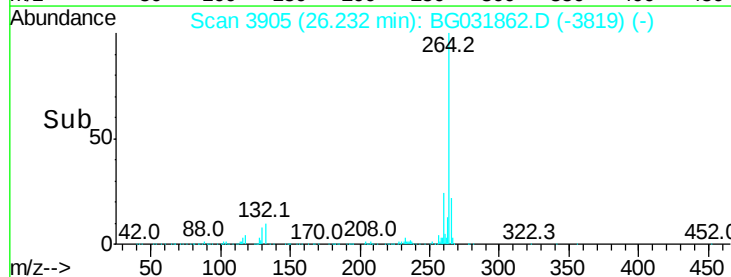
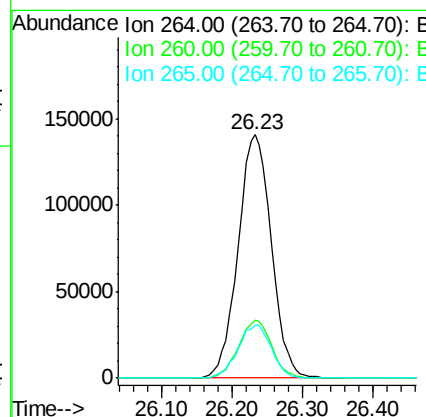
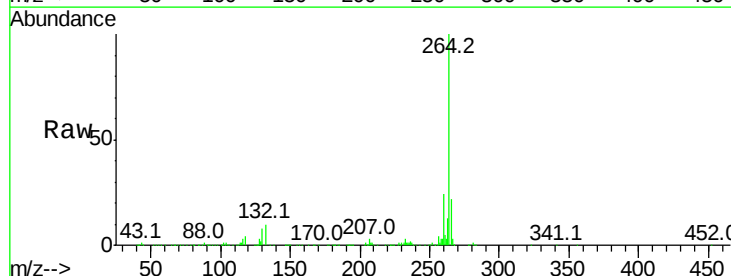
Instrument :
BNA_G
ClientSampleId :

Tot Ion:276 Resp: 1425648
Ion Ratio Lower Upper
276 100
138 10.7 16.0 24.0#
277 26.3 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.02 min
Lab File: BG031862.D
Acq: 29 Dec 2017 20:06

Tgt Ion:264 Resp: 461194
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 21.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.460 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

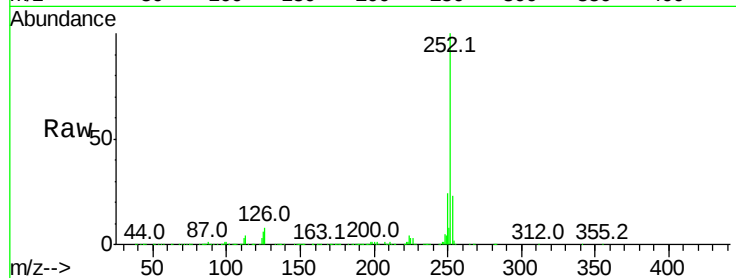
Tot Ion:252 Resp: 1186918

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

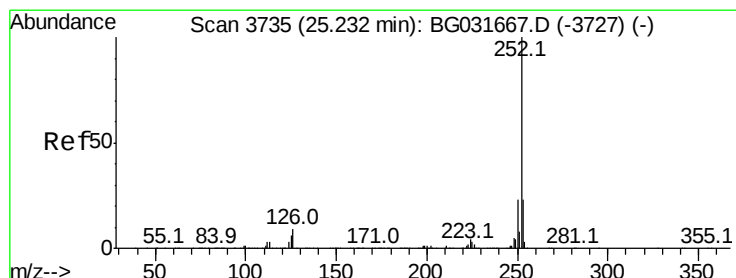
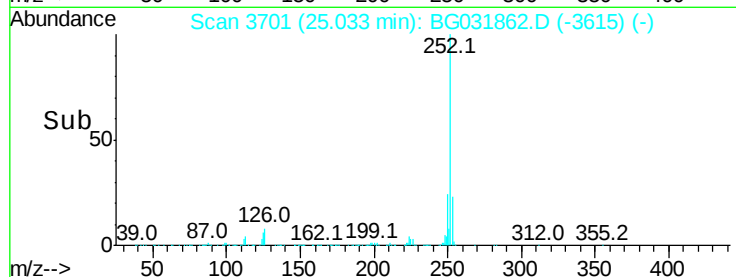
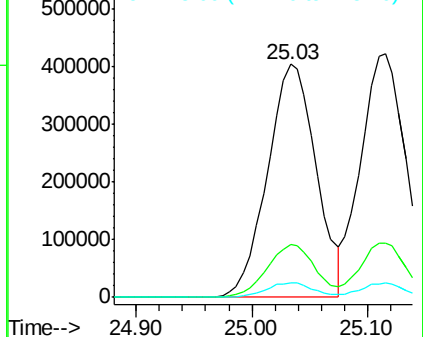
125 6.1 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.960 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

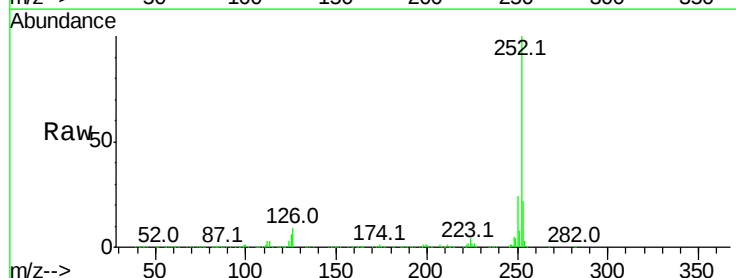
Tgt Ion:252 Resp: 1144864

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

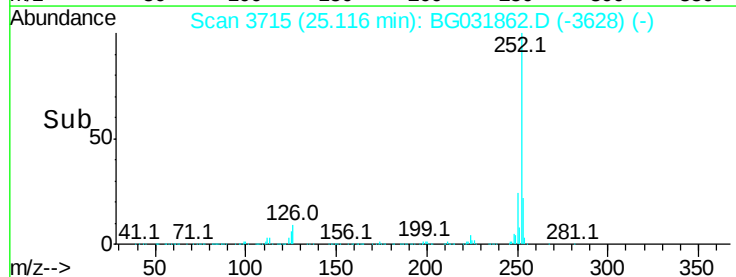
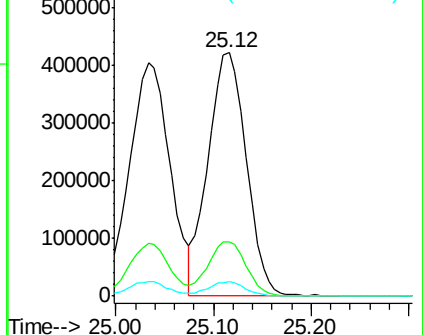
125 5.8 6.6 9.8#

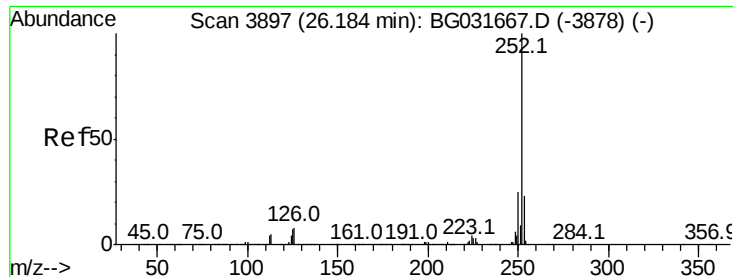


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.182 ng

RT: 26.06 min Scan# 3876

Delta R.T. -0.02 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

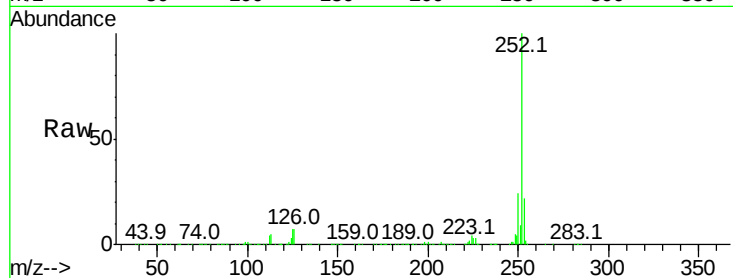
Tot Ion:252 Resp: 1156530

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

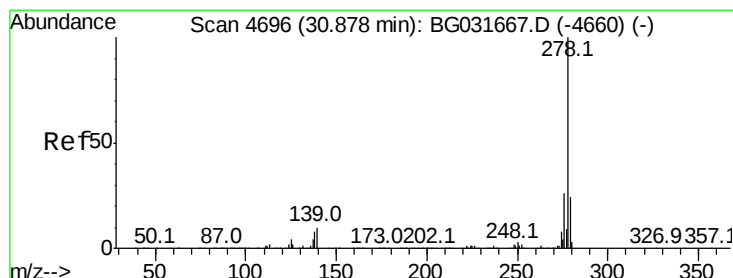
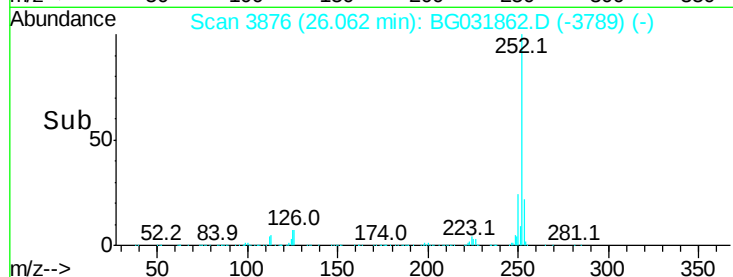
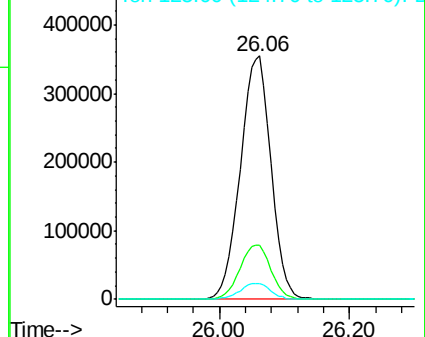
125 6.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.563 ng

RT: 30.66 min Scan# 4659

Delta R.T. -0.04 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

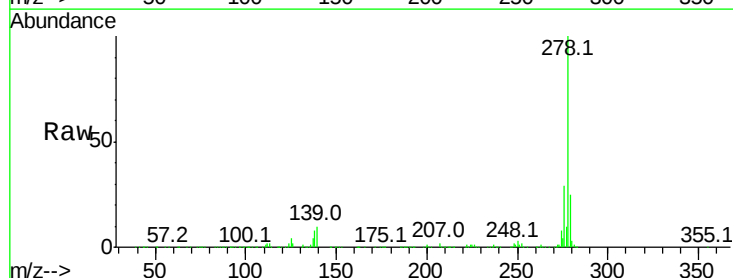
Tgt Ion:278 Resp: 1176945

Ion Ratio Lower Upper

278 100

139 10.5 9.8 14.6

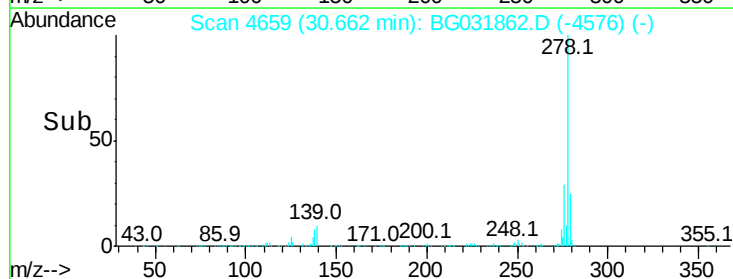
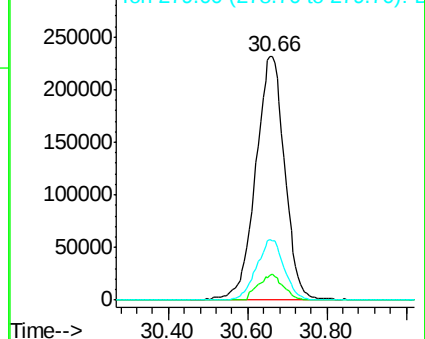
279 24.6 18.4 27.6

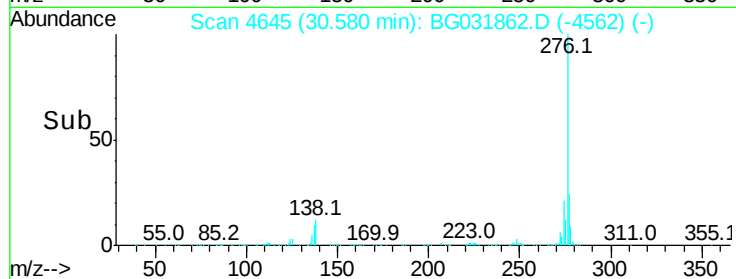
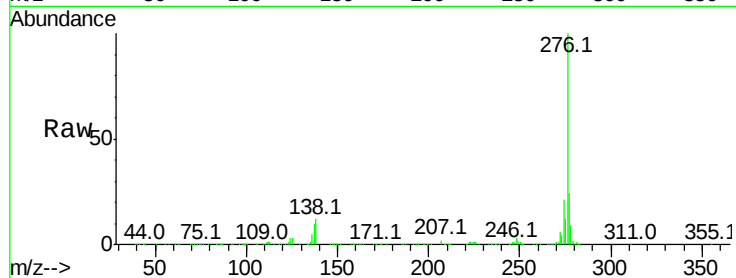
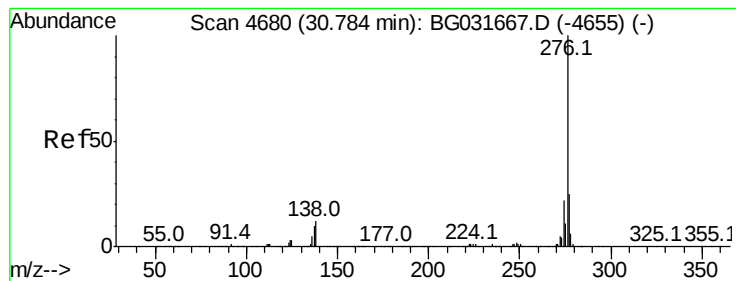


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.642 ng

RT: 30.58 min Scan# 4645

Delta R.T. -0.04 min

Lab File: BG031862.D

Acq: 29 Dec 2017 20:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1425648

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	12.3	13.9	20.9

276 100

277 24.3 18.3 27.5

138 12.3 13.9 20.9

