

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\
 Data File : BG037977.D
 Acq On : 13 Nov 2018 14:11
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 13 14:51:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 14:15:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57981	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	257262	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	161672	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	366648	20.00	ng	0.00
76) Chrysene-d12	21.76	240	333995	20.00	ng	0.00
87) Perylene-d12	25.08	264	357769	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	332991	96.02	ng	0.00
7) Phenol-d6	7.24	99	490320	93.50	ng	0.00
23) Nitrobenzene-d5	9.27	82	480256	104.58	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	184444	104.60	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1070525	99.85	ng	0.00
79) Terphenyl-d14	20.07	244	1380391	88.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	76300	43.383	ng	97
3) Pyridine	3.92	79	225003	50.758	ng	97
4) n-Nitrosodimethylamine	3.85	42	81942	51.898	ng	# 95
6) Aniline	7.42	93	313418	48.991	ng	97
8) 2-Chlorophenol	7.65	128	197740	48.739	ng	98
9) Benzaldehyde	7.23	77	171251	52.204	ng	95
10) Phenol	7.26	94	256933	46.435	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	210719	50.142	ng	97
12) 1,3-Dichlorobenzene	7.98	146	222015	49.154	ng	99
13) 1,4-Dichlorobenzene	8.12	146	224798	48.656	ng	99
14) 1,2-Dichlorobenzene	8.44	146	212364	47.783	ng	96
15) Benzyl Alcohol	8.33	79	185879	47.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	385884	51.319	ng	98
17) 2-Methylphenol	8.52	107	175457	47.965	ng	98
18) Hexachloroethane	9.17	117	82300	52.251	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	175285	48.539	ng	95
20) 3+4-Methylphenols	8.85	107	247620	47.346	ng	99
22) Acetophenone	8.92	105	320882	49.734	ng	# 98
24) Nitrobenzene	9.31	77	247740	51.928	ng	96
25) Isophorone	9.82	82	438494	52.257	ng	98
26) 2-Nitrophenol	10.02	139	127735	59.433	ng	99
27) 2,4-Dimethylphenol	10.06	122	192395	50.137	ng	96
28) bis(2-Chloroethoxy)methane	10.30	93	279936	50.919	ng	96
29) 2,4-Dichlorophenol	10.55	162	212508	49.738	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	235438	50.672	ng	99
31) Naphthalene	10.96	128	622709	49.280	ng	99
32) Benzoic acid	10.20	122	99339	39.856	ng	96
33) 4-Chloroaniline	11.07	127	296093	49.871	ng	97
34) Hexachlorobutadiene	11.22	225	144764	52.570	ng	99
35) Caprolactam	11.87	113	89596	52.286	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	234076	48.579	ng	98
37) 2-Methylnaphthalene	12.55	142	453050	49.185	ng	99
38) 1-Methylnaphthalene	12.78	142	435339	48.666	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	270845	51.938	ng	99

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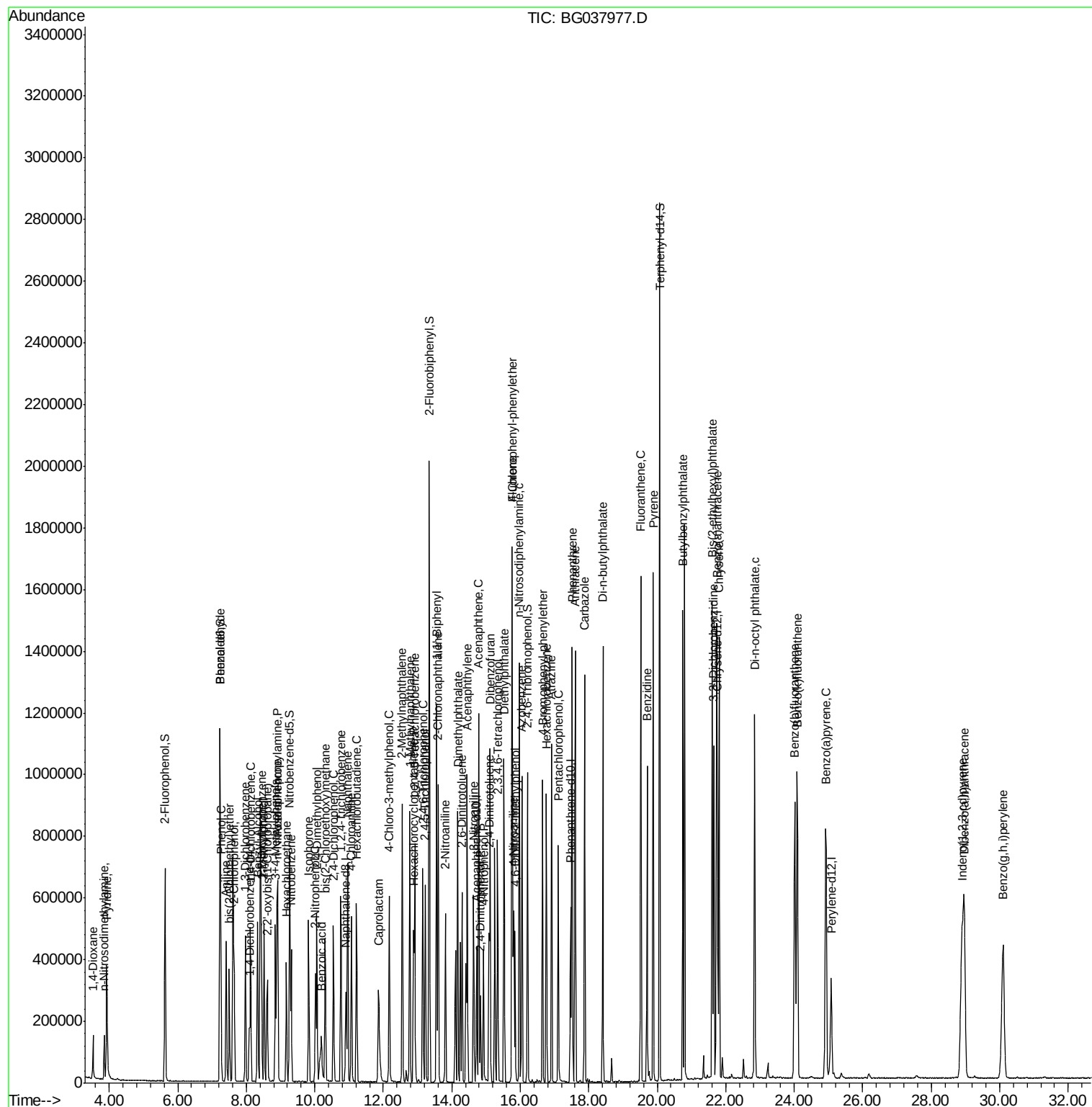
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	148599	59.655	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	187887	53.930	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	192038	50.627	ng	98
46) 1,1'-Biphenyl	13.56	154	663251	49.536	ng	99
47) 2-Chloronaphthalene	13.61	162	508226	50.173	ng	100
48) 2-Nitroaniline	13.82	65	166087	54.068	ng	95
49) Acenaphthylene	14.45	152	767912	50.396	ng	99
50) Dimethylphthalate	14.18	163	628066	50.216	ng	100
51) 2,6-Dinitrotoluene	14.31	165	147126	53.175	ng	92
52) Acenaphthene	14.79	154	465117	49.563	ng	97
53) 3-Nitroaniline	14.64	138	163026	53.075	ng	# 96
54) 2,4-Dinitrophenol	14.84	184	69338	86.146	ng	95
55) Dibenzofuran	15.12	168	750850	48.292	ng	99
56) 4-Nitrophenol	14.93	139	126662	55.710	ng	97
57) 2,4-Dinitrotoluene	15.09	165	200904	55.316	ng	97
58) Fluorene	15.77	166	563110	48.363	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.34	232	165446	50.942	ng	98
60) Diethylphthalate	15.53	149	655752	51.069	ng	100
61) 4-Chlorophenyl-phenylether	15.76	204	328639	48.426	ng	98
62) 4-Nitroaniline	15.80	138	163129	53.447	ng	95
63) Azobenzene	16.05	77	596679	48.703	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	123594	72.806	ng	97
66) n-Nitrosodiphenylamine	15.97	169	554965	50.319	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	202921	50.398	ng	98
68) Hexachlorobenzene	16.77	284	211159	50.601	ng	98
69) Atrazine	16.91	200	209018	52.418	ng	98
70) Pentachlorophenol	17.11	266	150567	53.866	ng	94
71) Phenanthrene	17.51	178	922139	49.486	ng	100
72) Anthracene	17.61	178	913077	49.931	ng	97
73) Carbazole	17.88	167	931257	50.910	ng	99
74) Di-n-butylphthalate	18.41	149	1044313	51.321	ng	99
75) Fluoranthene	19.52	202	1058418	50.080	ng	98
77) Benzidine	19.70	184	622033	54.772	ng	98
78) Pyrene	19.88	202	1068073	48.918	ng	99
80) Butylbenzylphthalate	20.75	149	484299	54.198	ng	98
81) Benzo(a)anthracene	21.74	228	996622	50.448	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	408094	53.294	ng	99
83) Chrysene	21.80	228	946322	49.816	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	683616	54.579	ng	99
85) Di-n-octyl phthalate	22.85	149	1128857	55.270	ng	99
86) Indeno(1,2,3-cd)pyrene	28.90	276	1095506	53.768	ng	# 90
88) Benzo(b)fluoranthene	24.02	252	982627	50.098	ng	99
89) Benzo(k)fluoranthene	24.09	252	944850	49.168	ng	98
90) Benzo(a)pyrene	24.92	252	936505	50.247	ng	99
91) Dibenzo(a,h)anthracene	28.97	278	904177	52.592	ng	98
92) Benzo(g,h,i)perylene	30.10	276	897402	51.594	ng	96

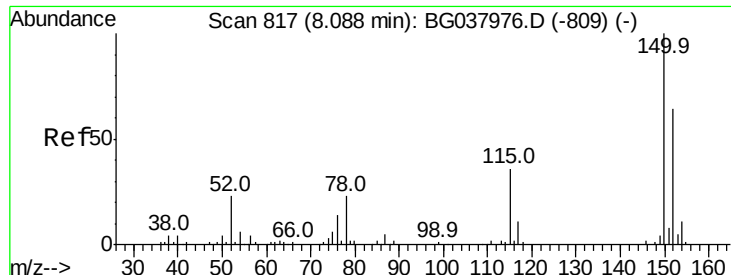
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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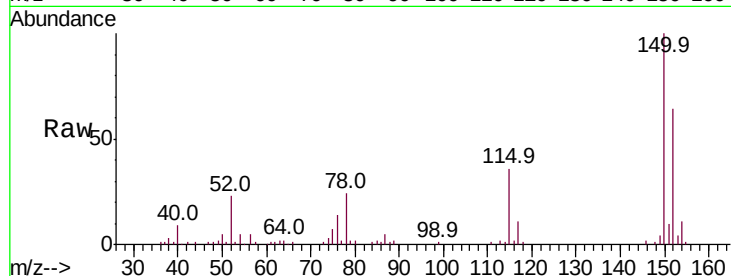


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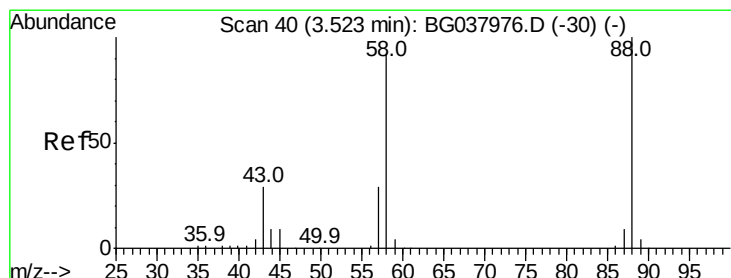
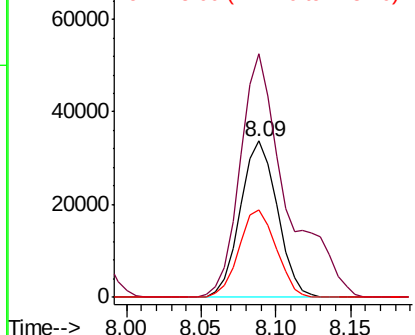
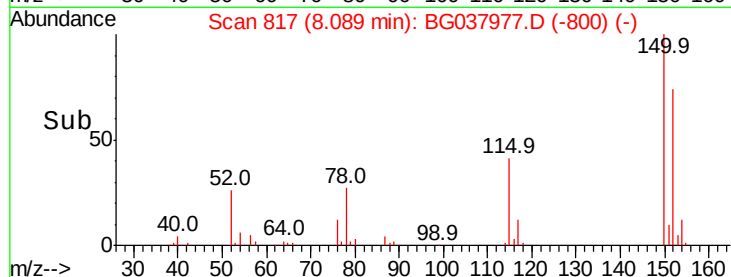
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57981
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 55.8 45.5 68.3



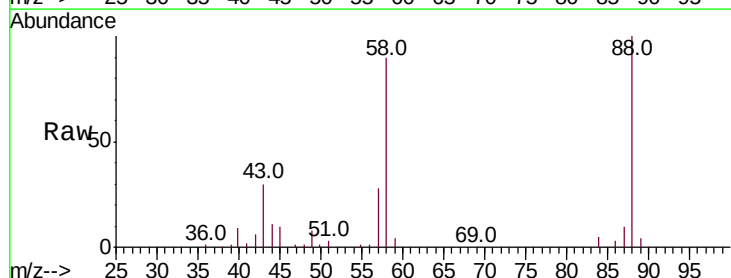
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



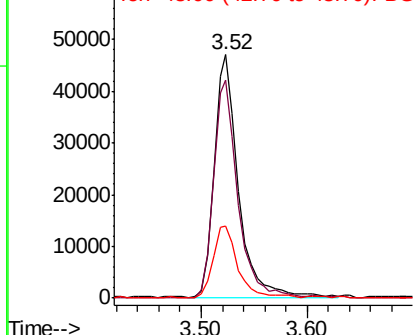
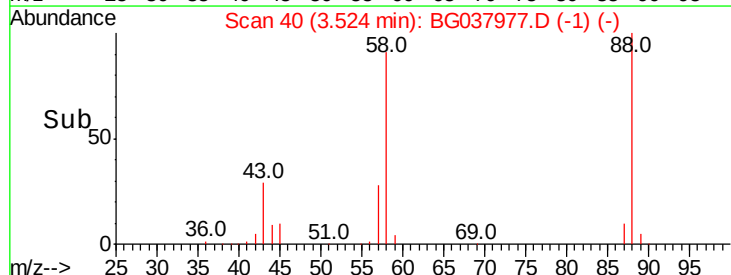
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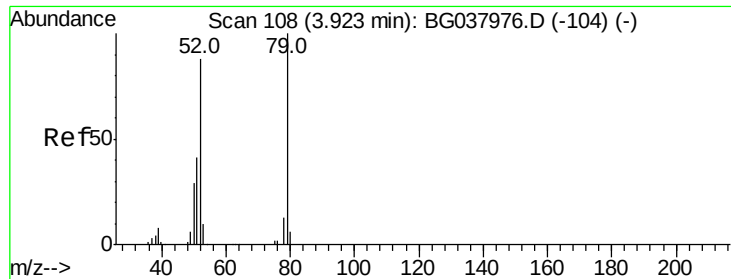
1,4-Dioxane
Concen: 43.383 ng
RT: 3.52 min Scan# 40
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion: 88 Resp: 76300
Ion Ratio Lower Upper
88 100
58 90.2 74.4 111.6
43 30.2 25.8 38.8



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

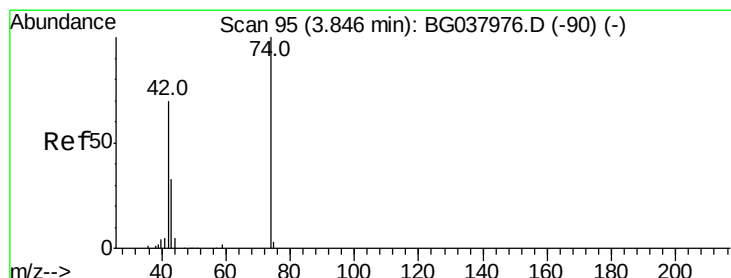
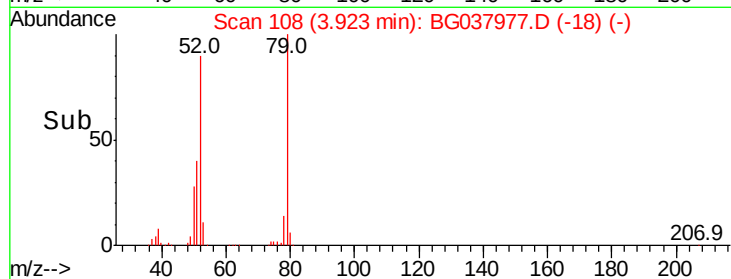
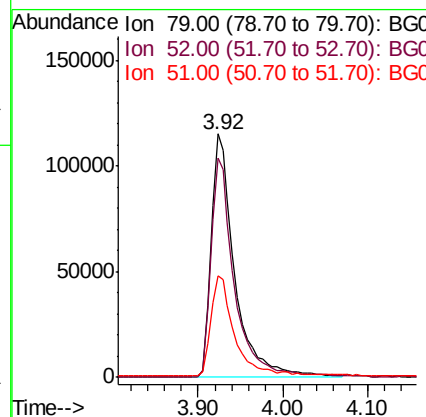
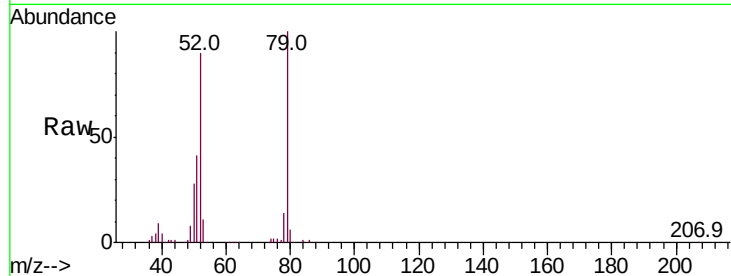




#3
 Pvridine
 Concen: 50.758 ng
 RT: 3.92 min Scan# 108
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

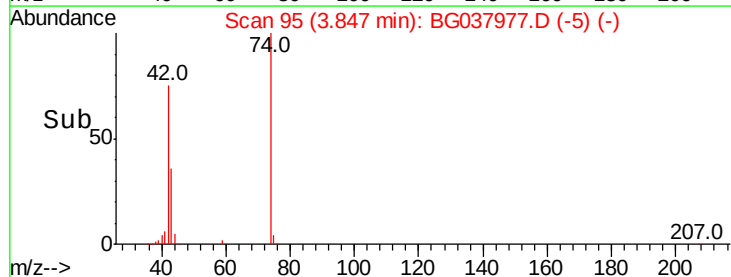
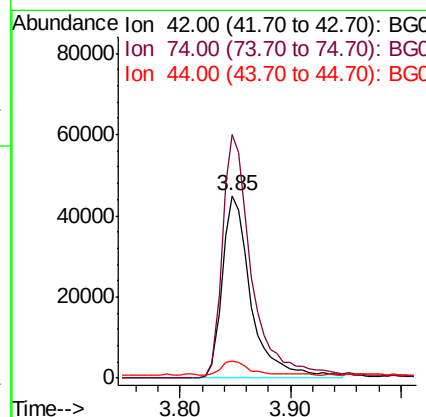
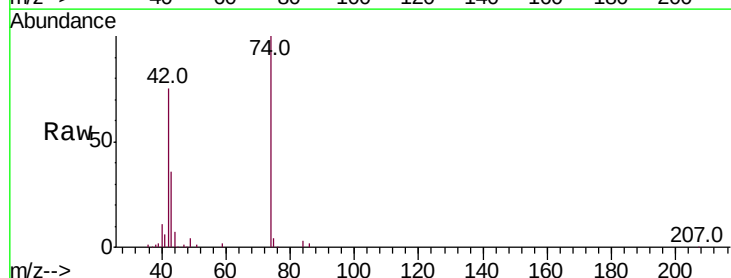
Instrument :
 BNA_G
 ClientSampleId :

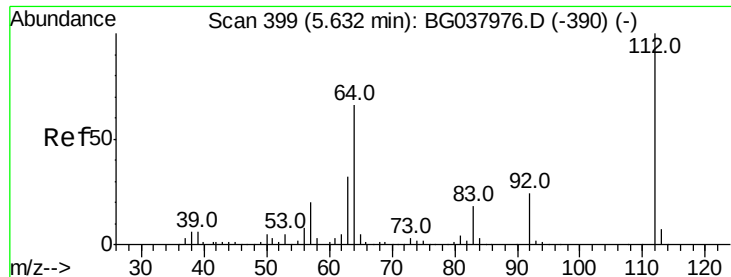
Tot Ion: 79 Resp: 225003
 Ion Ratio Lower Upper
 79 100
 52 90.1 74.2 111.2
 51 41.5 34.6 51.8



#4
 n-Nitrosodimethylamine
 Concen: 51.898 ng
 RT: 3.85 min Scan# 95
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion: 42 Resp: 81942
 Ion Ratio Lower Upper
 42 100
 74 133.3 102.0 153.0
 44 9.0 9.6 14.4#





#5

2-Fluorophenol

Concen: 96.016 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampled :

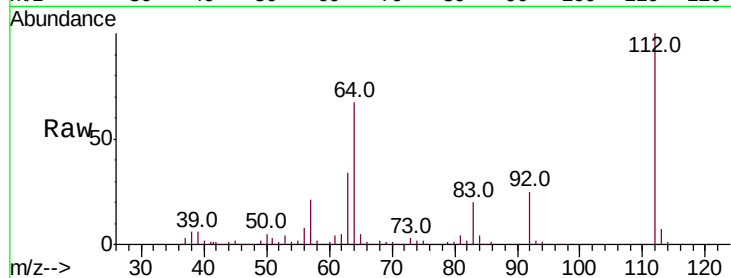
Tot Ion:112 Resp: 332991

Ion Ratio Lower Upper

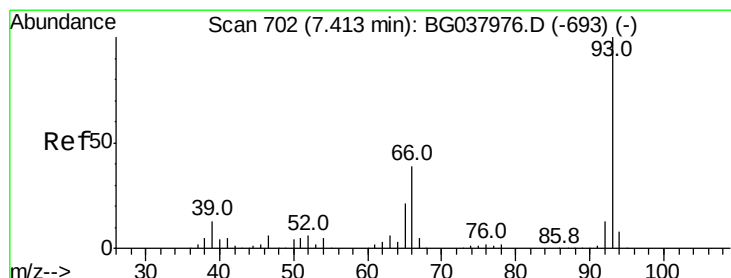
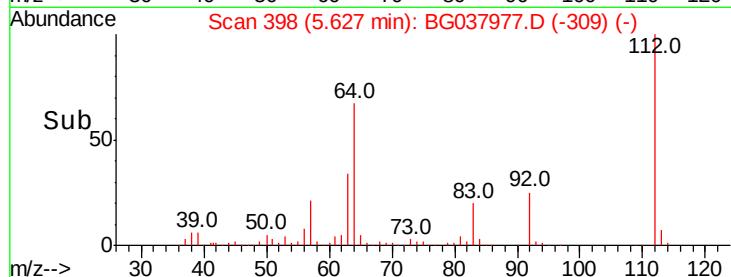
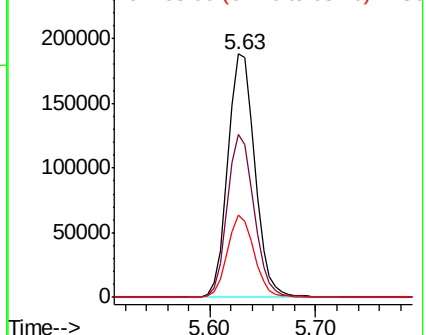
112 100

64 66.7 53.1 79.7

63 33.7 27.3 40.9



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: 48.991 ng

RT: 7.42 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

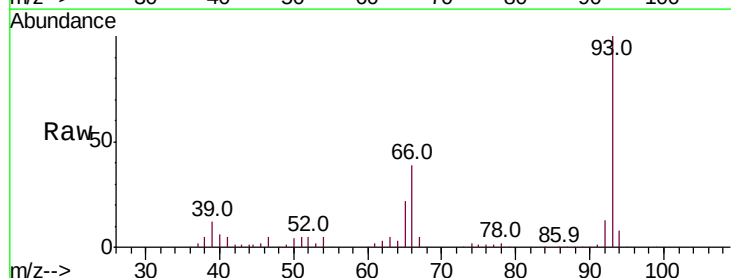
Tgt Ion: 93 Resp: 313418

Ion Ratio Lower Upper

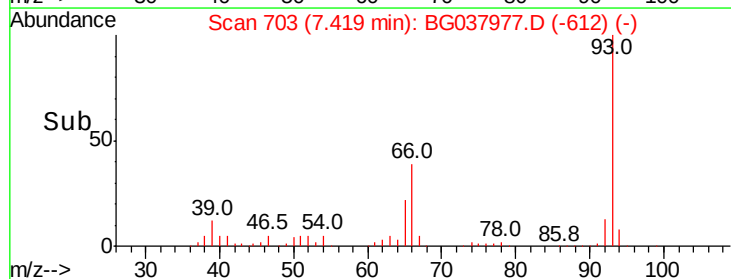
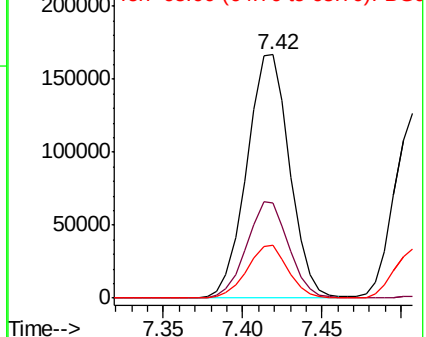
93 100

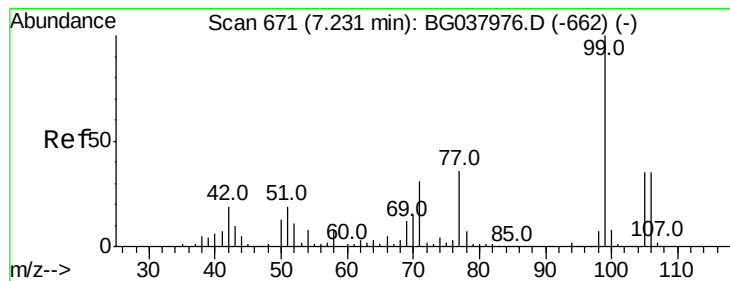
66 39.0 32.8 49.2

65 21.5 16.4 24.6



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: 93.498 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

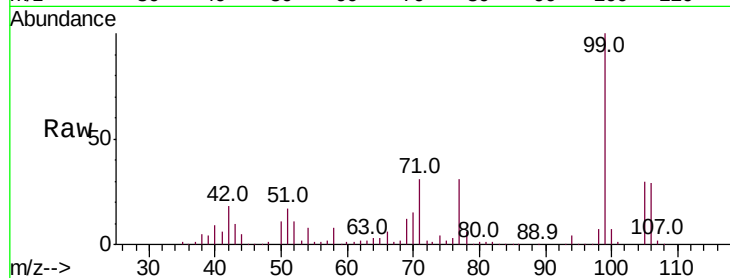
Tot Ion: 99 Resp: 490320

Ion Ratio Lower Upper

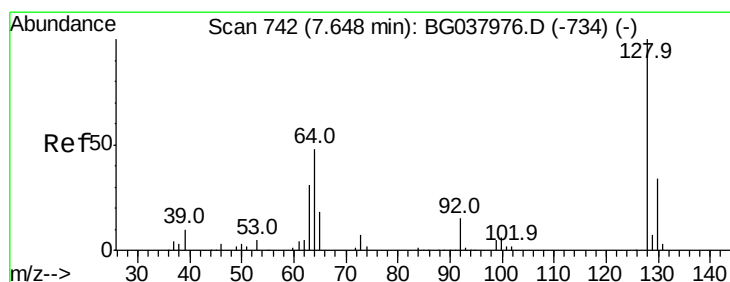
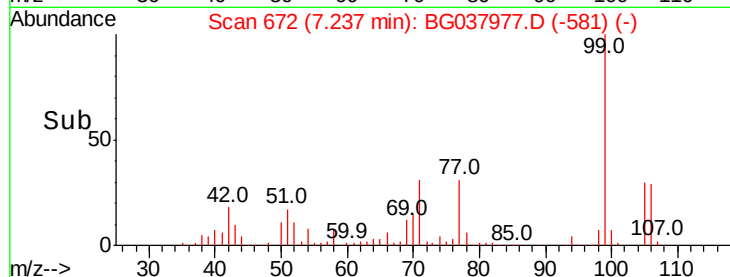
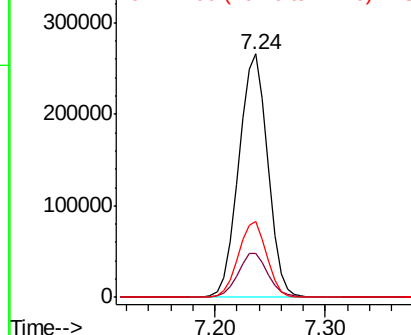
99 100

42 17.9 15.0 22.4

71 31.1 25.5 38.3



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: 48.739 ng

RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

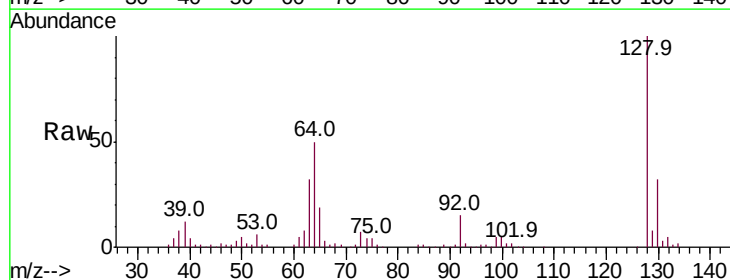
Tgt Ion:128 Resp: 197740

Ion Ratio Lower Upper

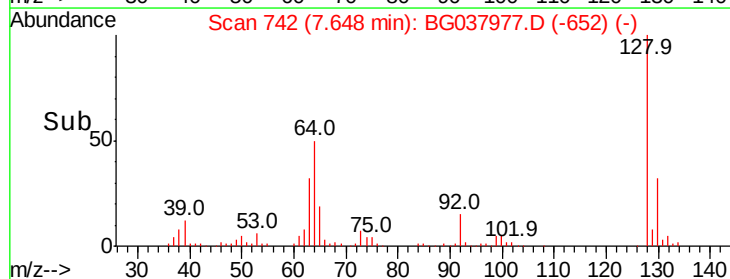
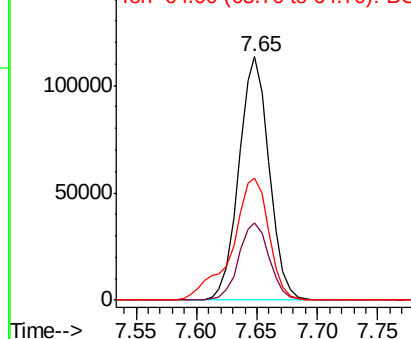
128 100

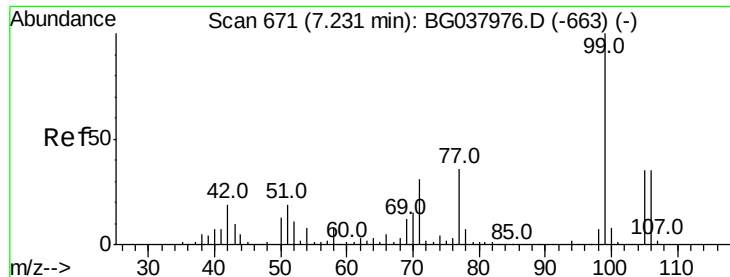
130 31.7 12.0 52.0

64 50.3 32.9 72.9



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





#9

Benzaldehyde

Concen: 52.204 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

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ClientSampleId :

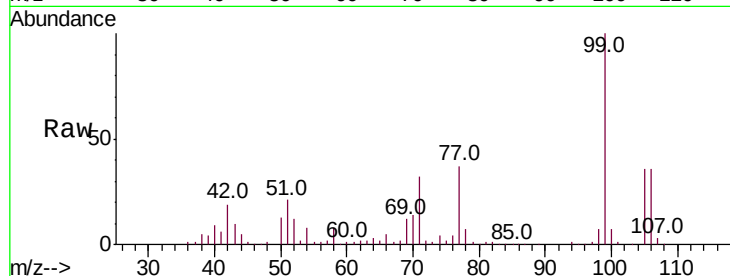
Tot Ion: 77 Resp: 171251

Ion Ratio Lower Upper

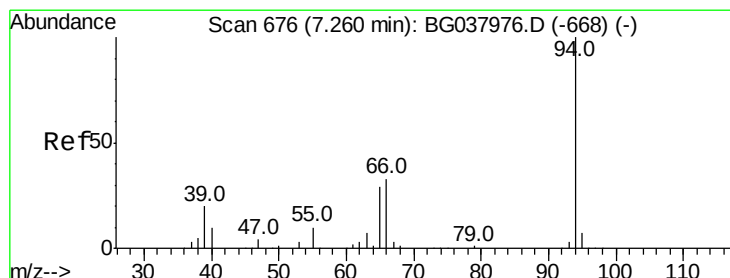
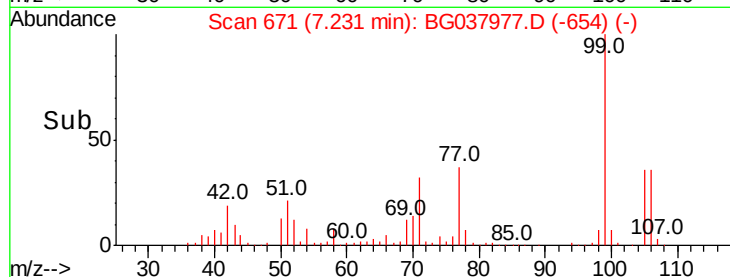
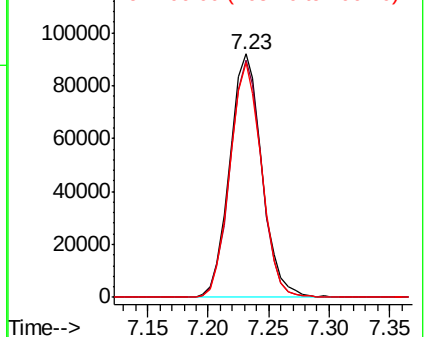
77 100

105 97.6 72.6 112.6

106 96.5 71.3 111.3



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: 46.435 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

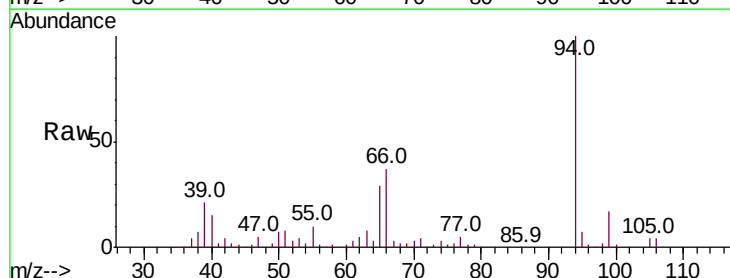
Tgt Ion: 94 Resp: 256933

Ion Ratio Lower Upper

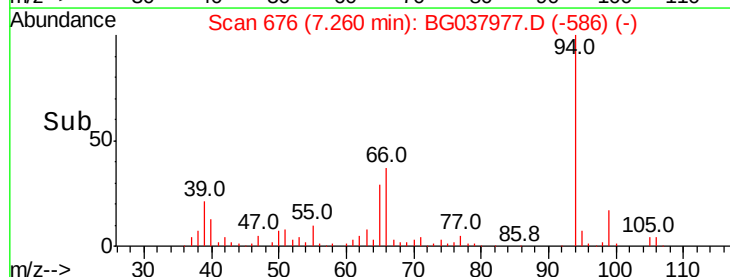
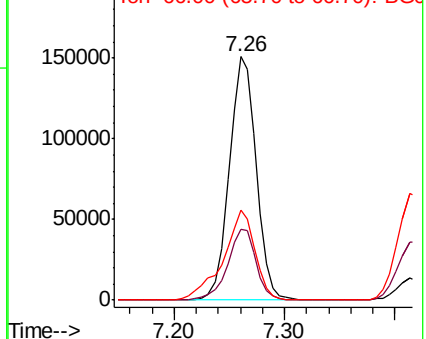
94 100

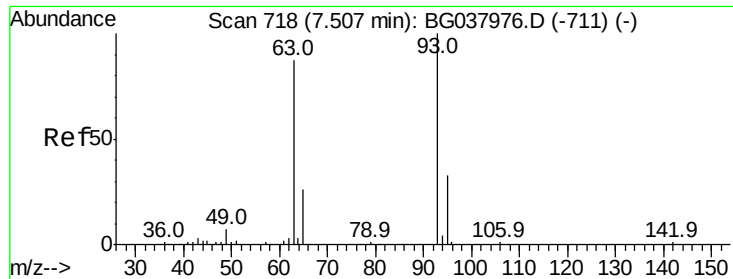
65 29.3 9.7 49.7

66 37.2 15.9 55.9



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: 50.142 ng

RT: 7.51 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

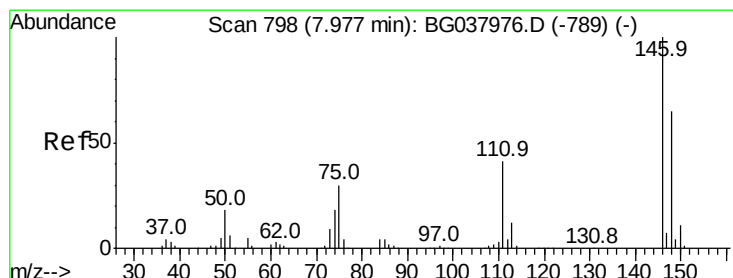
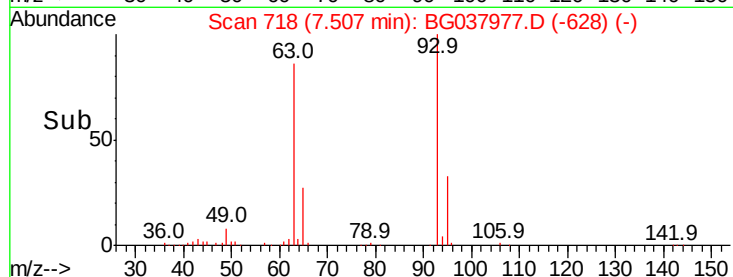
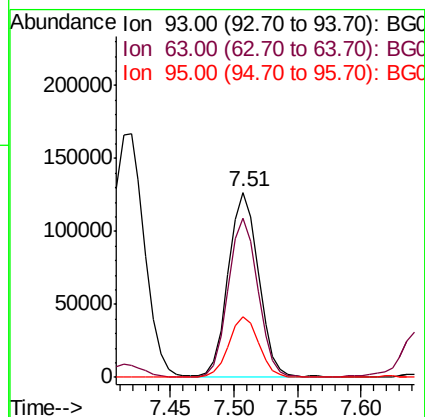
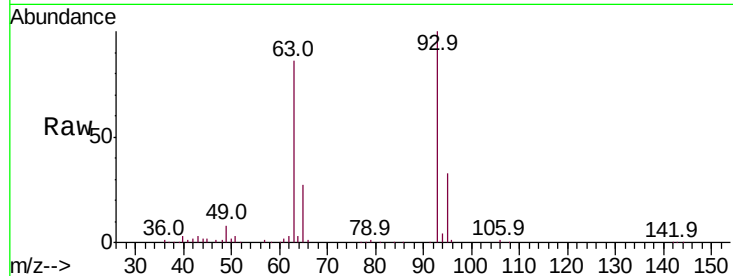
Tot Ion: 93 Resp: 210719

Ion Ratio Lower Upper

93 100

63 85.9 69.5 109.5

95 32.7 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 49.154 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

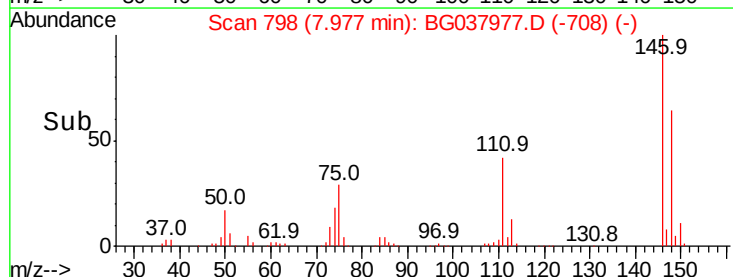
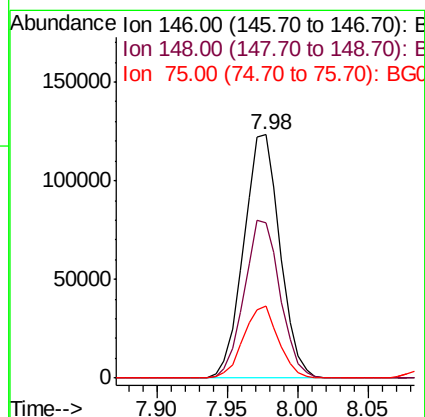
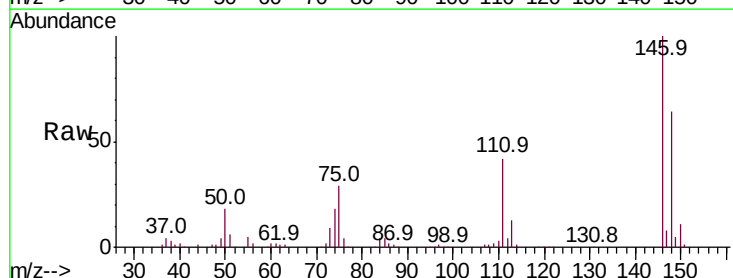
Tgt Ion: 146 Resp: 222015

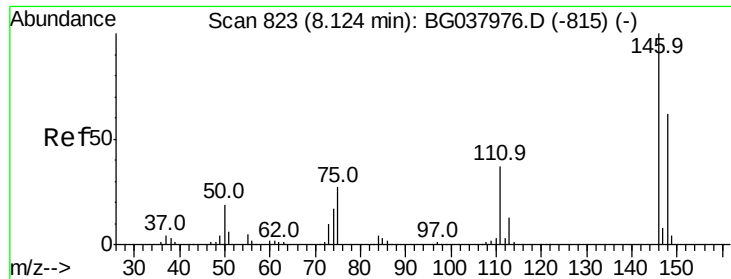
Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.8

75 29.4 23.2 34.8

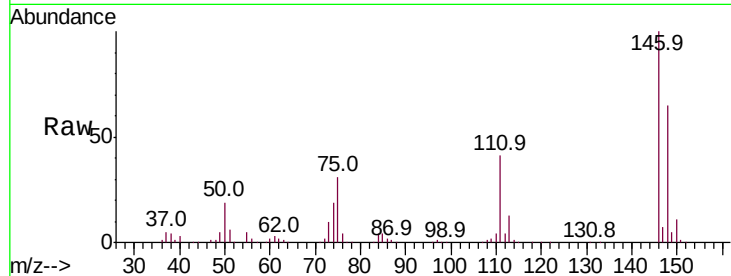




#13
 1,4-Dichlorobenzene
 Concen: 48.656 ng
 RT: 8.12 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	40.8	32.4	48.6

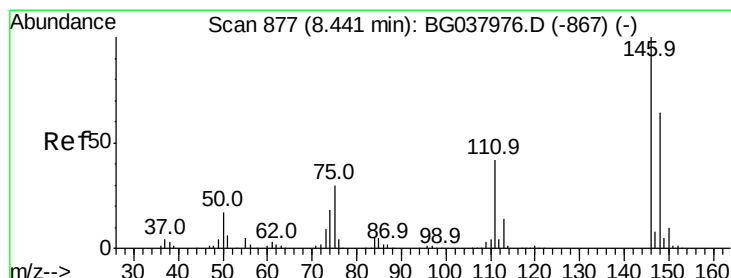
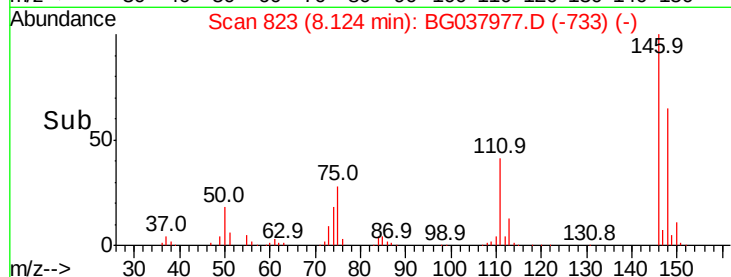
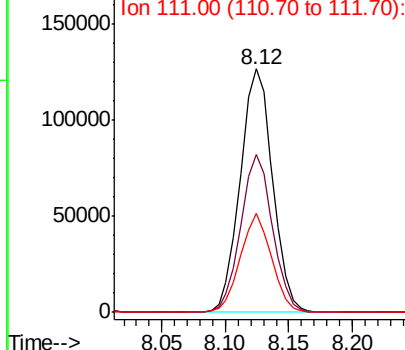


Abundance

Ion 146.00 (145.70 to 146.70): E

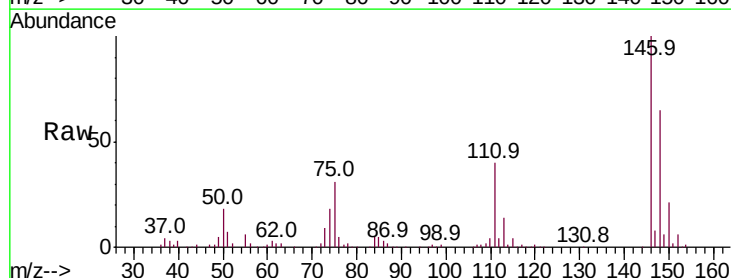
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 47.783 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.4	75.6
111	40.2	34.6	51.8

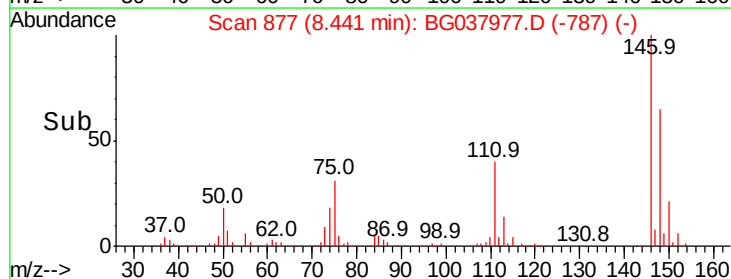
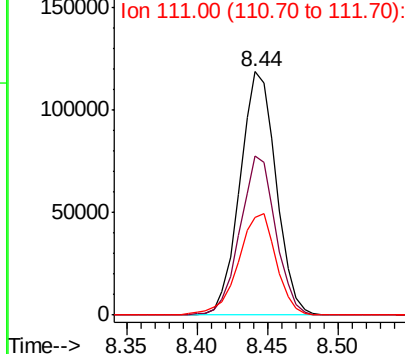


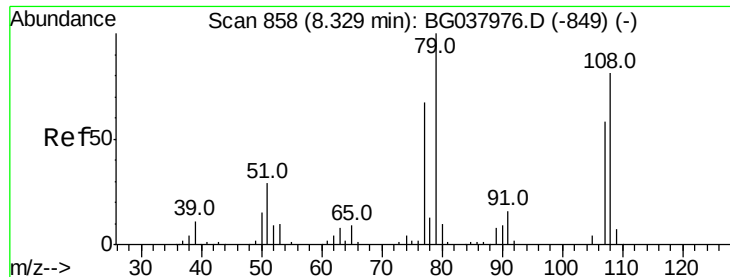
Abundance

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





#15

Benzyl Alcohol

Concen: 47.970 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

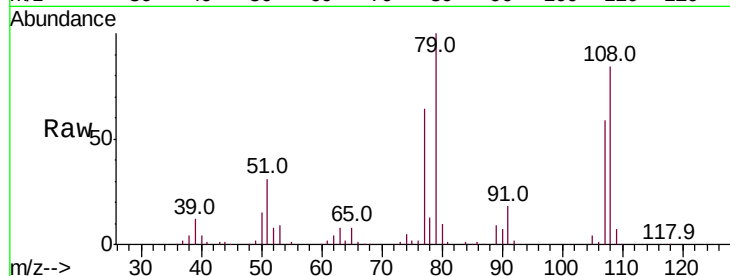
Tot Ion: 79 Resp: 185879

Ion Ratio Lower Upper

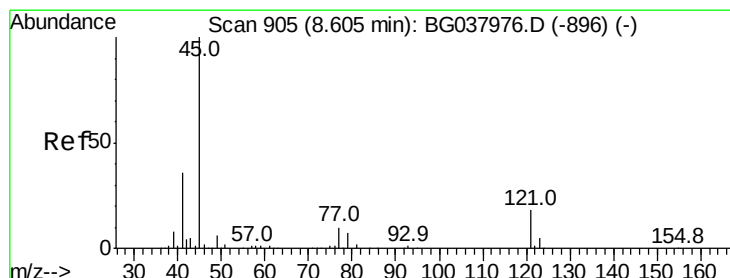
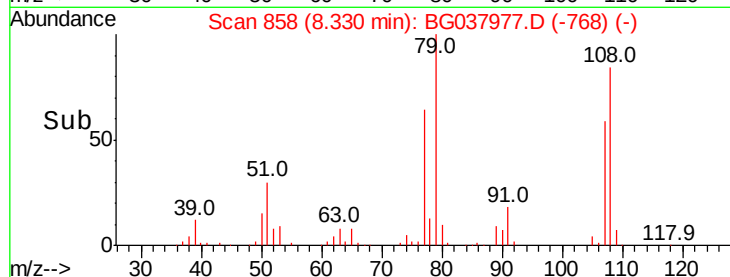
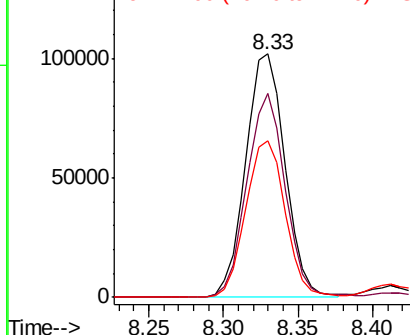
79 100

108 83.8 65.8 98.8

77 64.3 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.319 ng

RT: 8.61 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

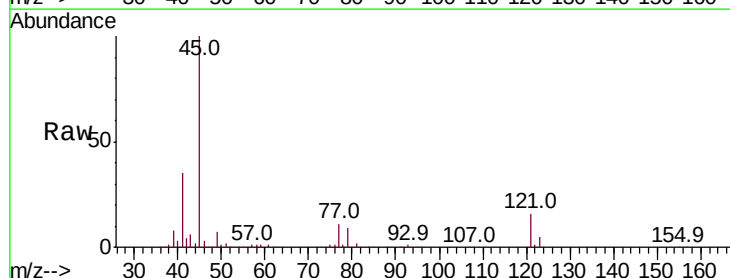
Tgt Ion: 45 Resp: 385884

Ion Ratio Lower Upper

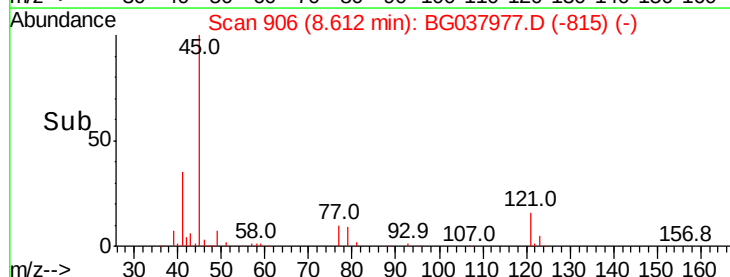
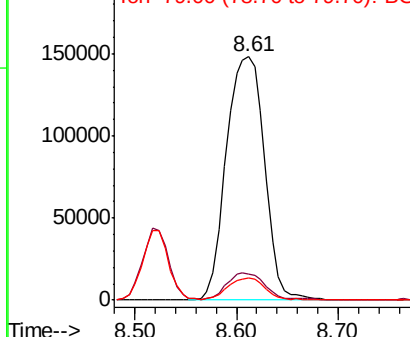
45 100

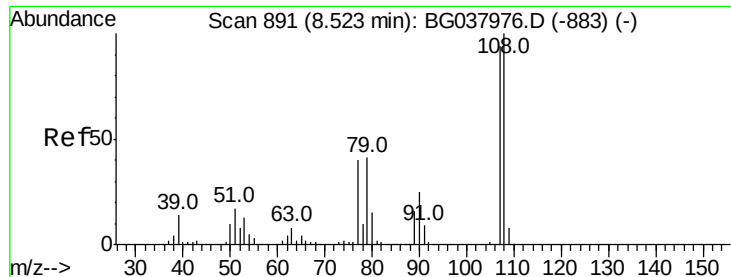
77 10.9 0.0 30.0

79 9.2 0.0 29.0



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





#17

2-Methylphenol

Concen: 47.965 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 175457

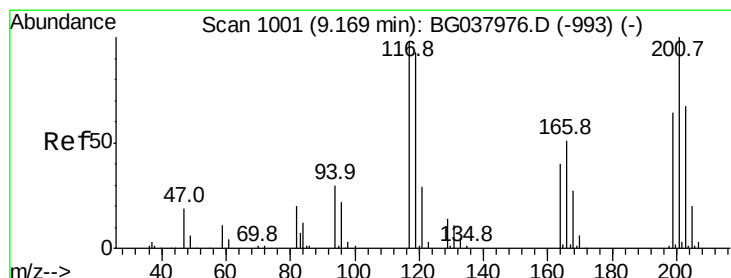
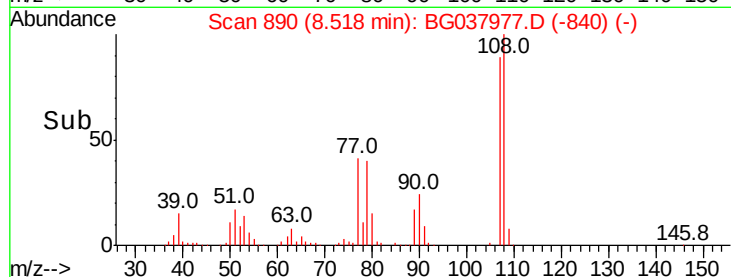
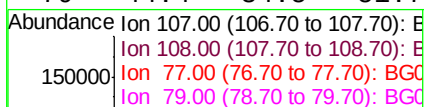
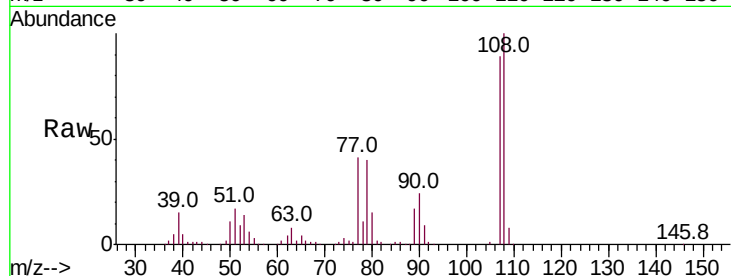
Ion Ratio Lower Upper

107 100

108 111.7 87.9 131.9

77 46.0 35.1 52.7

79 44.4 34.5 51.7



#18

Hexachloroethane

Concen: 52.251 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

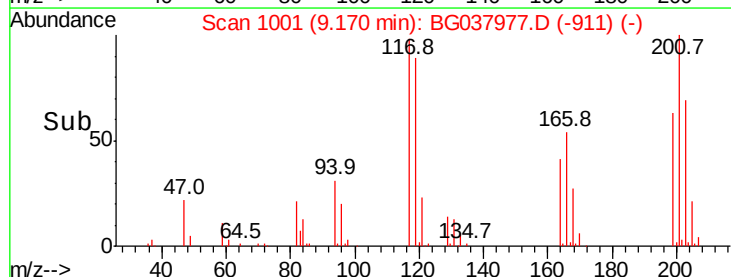
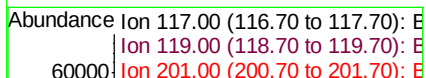
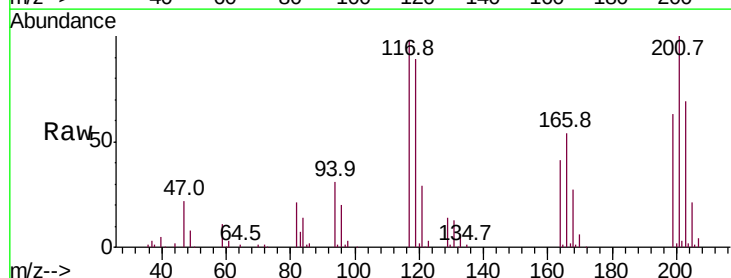
Tgt Ion:117 Resp: 82300

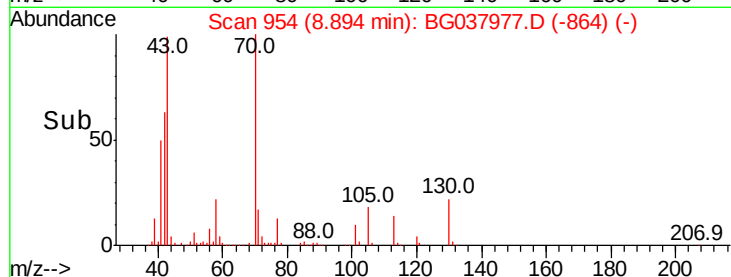
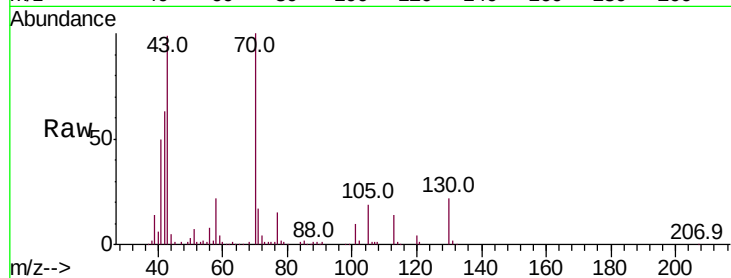
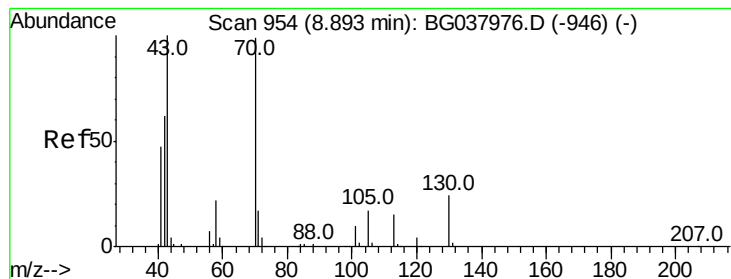
Ion Ratio Lower Upper

117 100

119 90.8 74.6 111.8

201 105.5 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 48.539 ng

RT: 8.89 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 175285

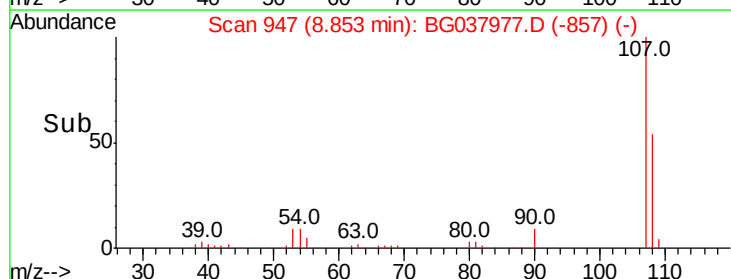
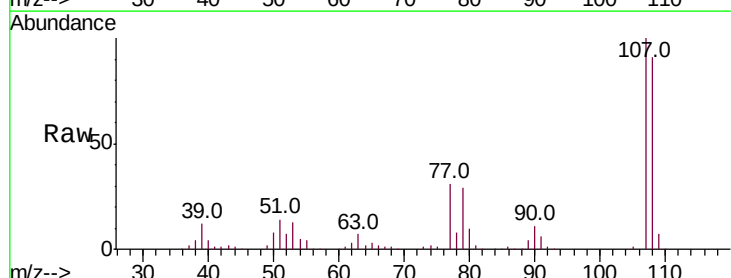
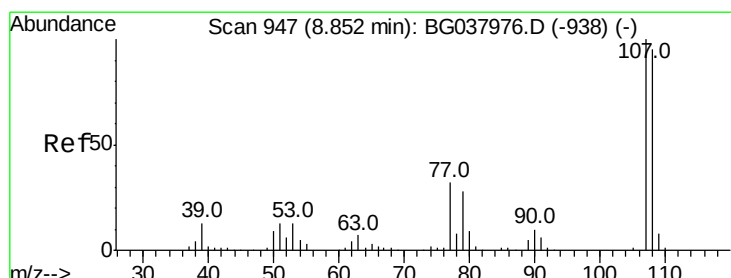
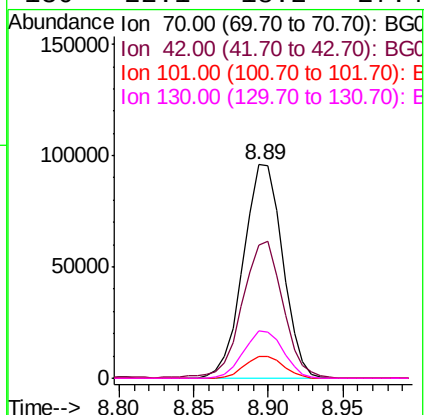
Ion Ratio Lower Upper

70 100

42 62.5 53.9 80.9

101 9.9 8.2 12.2

130 22.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 47.346 ng

RT: 8.85 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Tgt Ion: 107 Resp: 247620

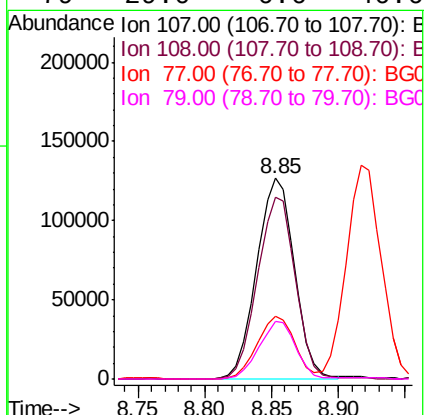
Ion Ratio Lower Upper

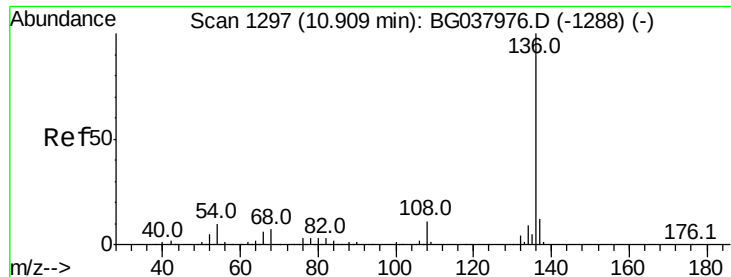
107 100

108 90.6 69.9 109.9

77 31.0 11.2 51.2

79 29.0 6.6 46.6

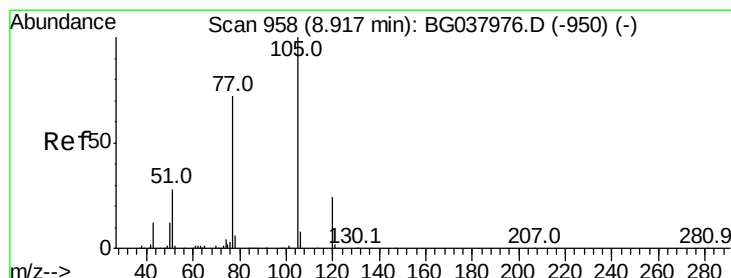
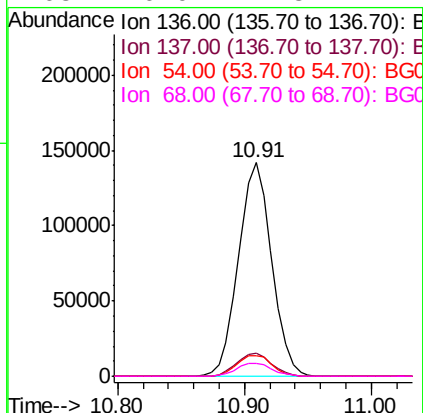
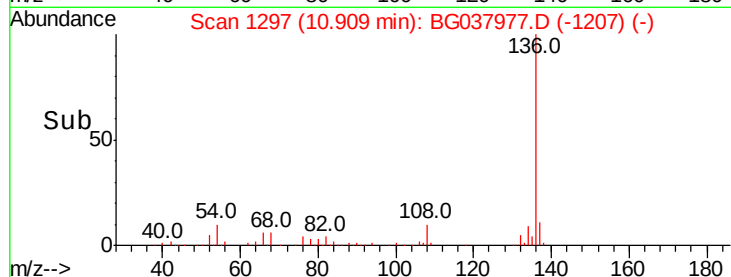
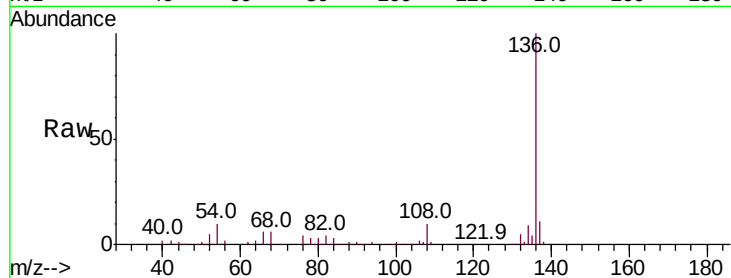




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

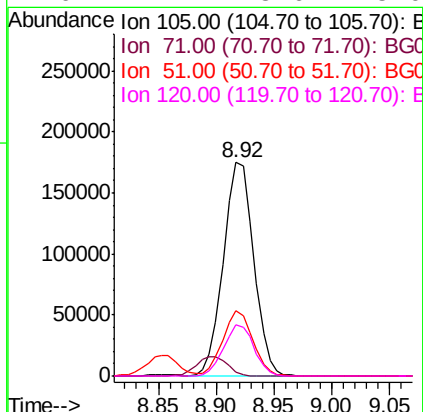
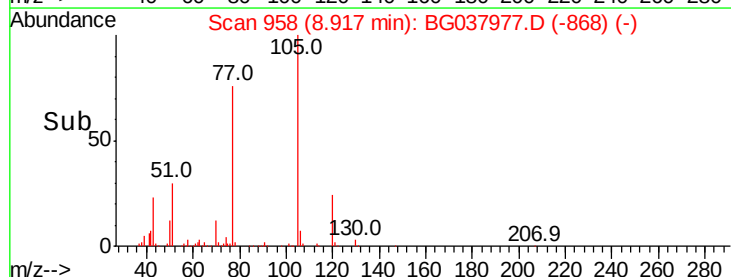
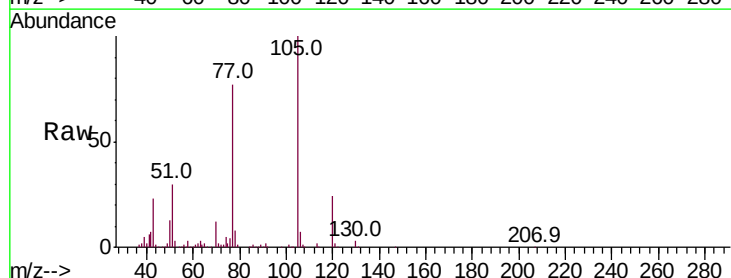
Instrument :
BNA_G
ClientSampleId :

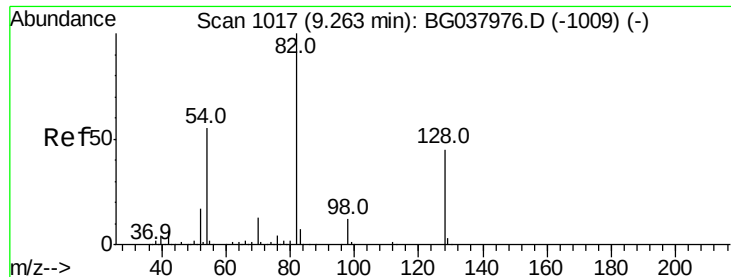
Tot Ion:136	Resp:	257262
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.6	14.4
54 9.9	7.9	11.9
68 6.0	4.8	7.2



#22
Acetophenone
Concen: 49.734 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:105	Resp:	320882
Ion Ratio	Lower	Upper
105 100		
71 2.1	1.2	1.8#
51 30.4	25.0	37.6
120 24.1	18.6	28.0

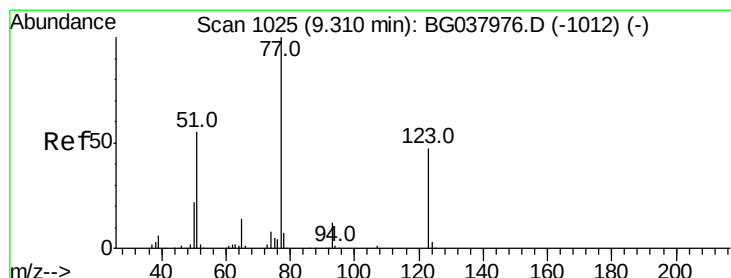
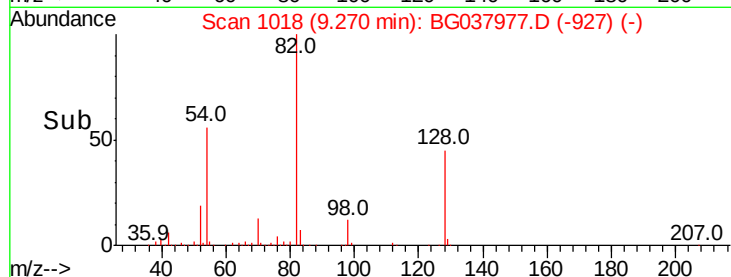
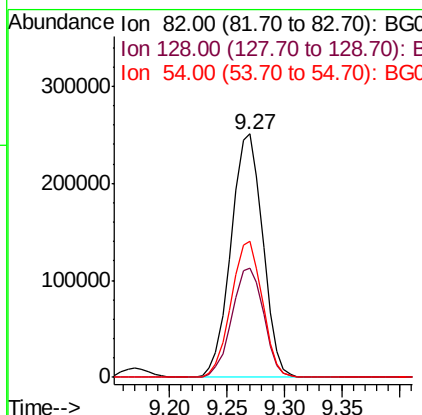
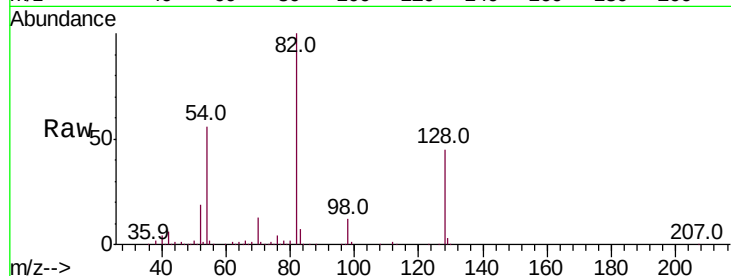




#23
 Nitrobenzene-d5
 Concen: 104.576 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

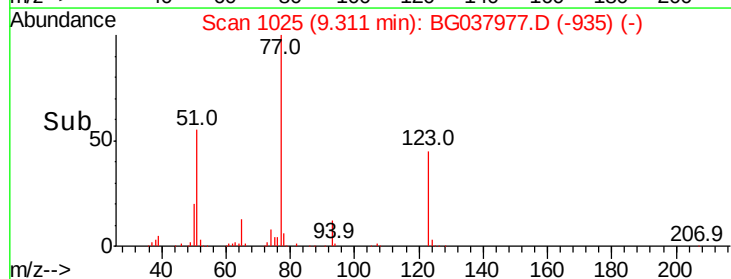
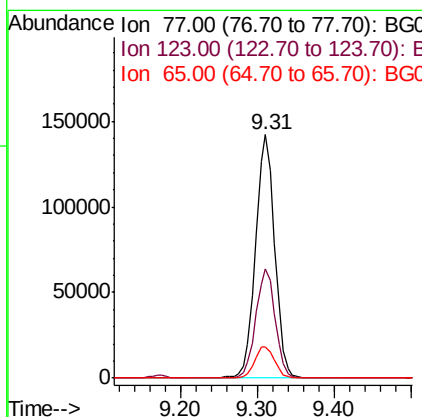
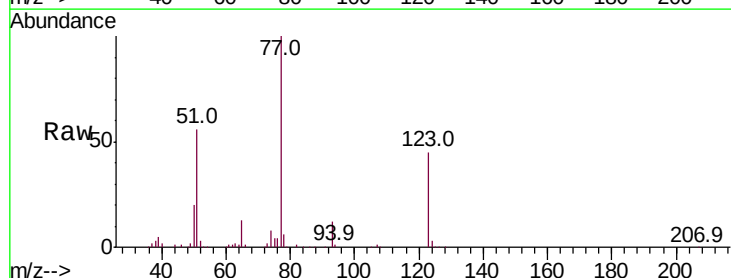
Instrument :
 BNA_G
 ClientSampleId :

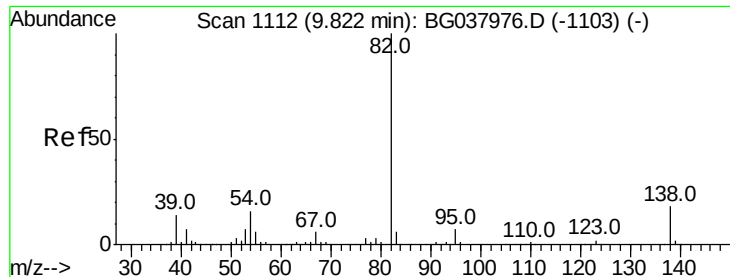
Tot Ion: 82 Resp: 480256
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 55.7 45.3 67.9



#24
 Nitrobenzene
 Concen: 51.928 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion: 77 Resp: 247740
 Ion Ratio Lower Upper
 77 100
 123 44.8 33.6 50.4
 65 12.8 11.3 16.9

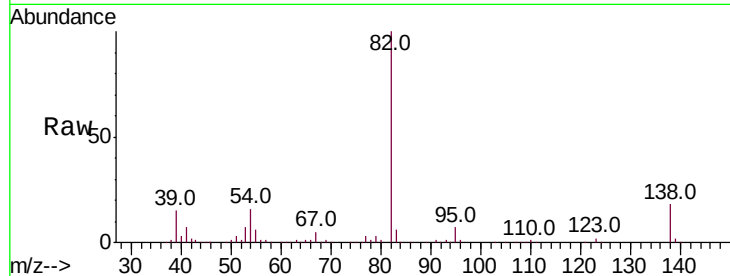




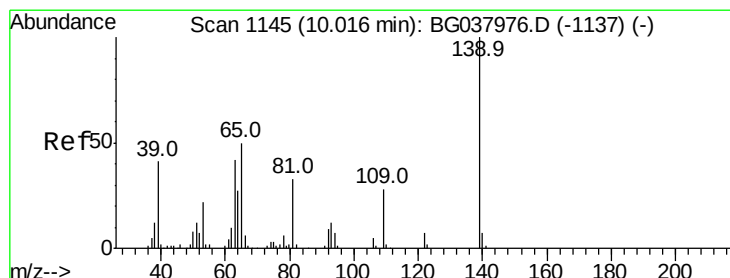
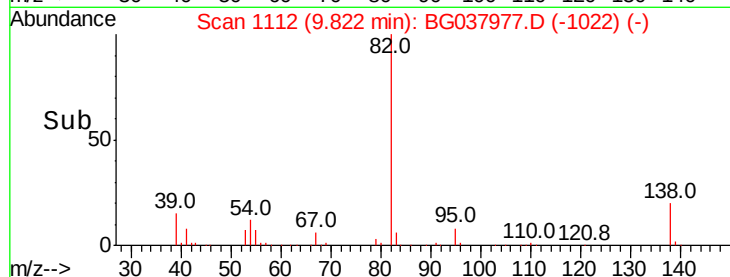
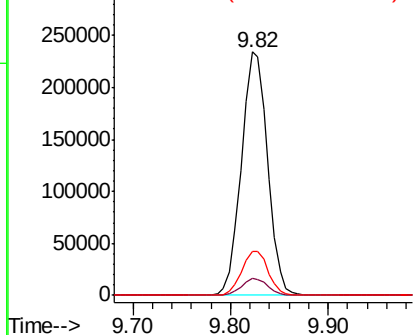
#25
Isophorone
Concen: 52.257 ng
RT: 9.82 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 438494
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 17.9 13.3 19.9

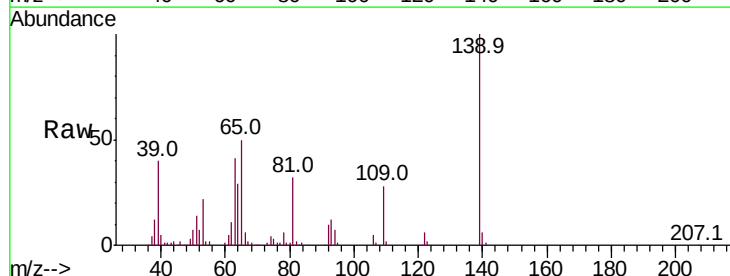


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

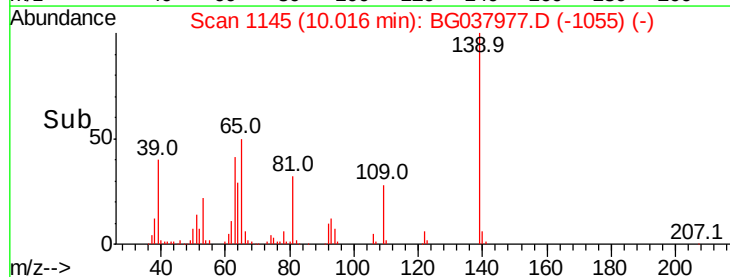
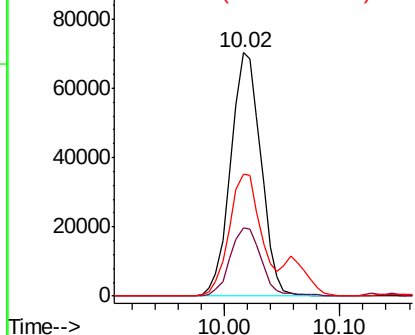


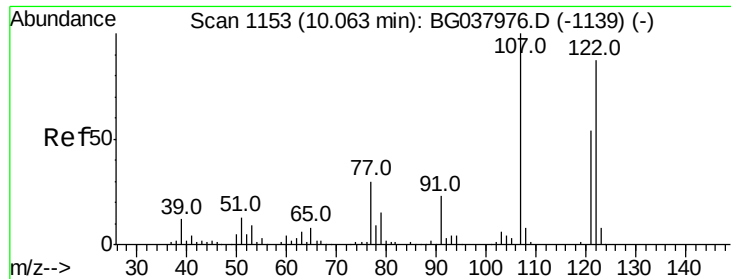
#26
2-Nitrophenol
Concen: 59.433 ng
RT: 10.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:139 Resp: 127735
Ion Ratio Lower Upper
139 100
109 27.9 23.3 34.9
65 49.9 39.8 59.8



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

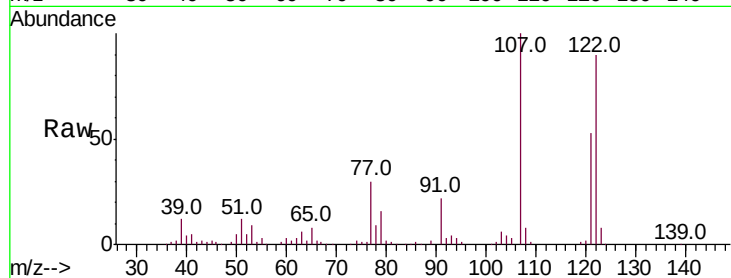




#27
 2,4-Dimethylphenol
 Concen: 50.137 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	94.2	141.2
121	59.0	47.3	70.9

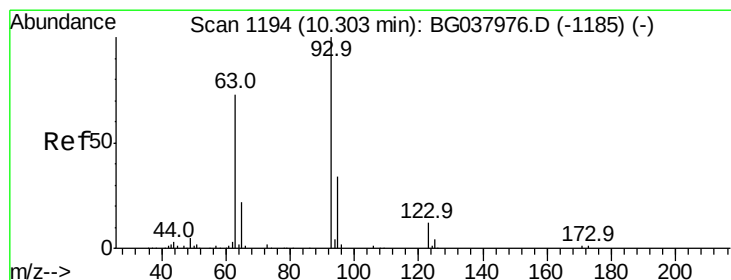
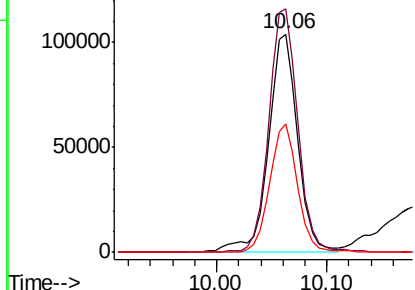
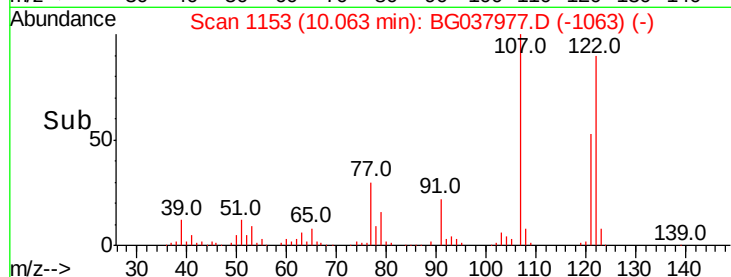


Abundance

Ion 122.00 (121.70 to 122.70): E

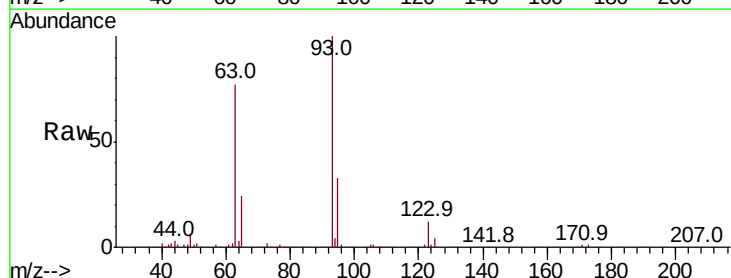
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.919 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.6	37.0
123	12.3	9.1	13.7

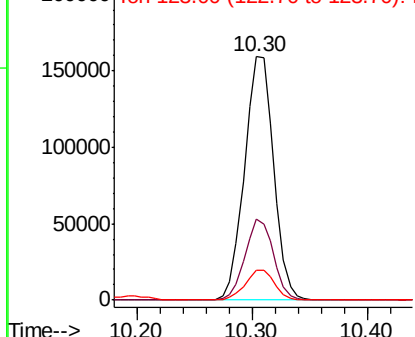
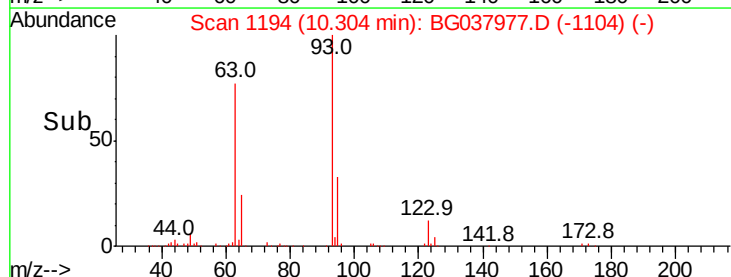


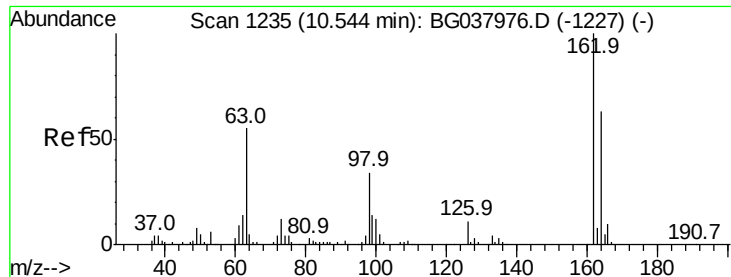
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

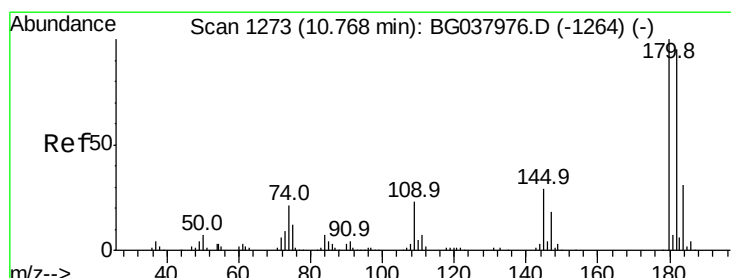
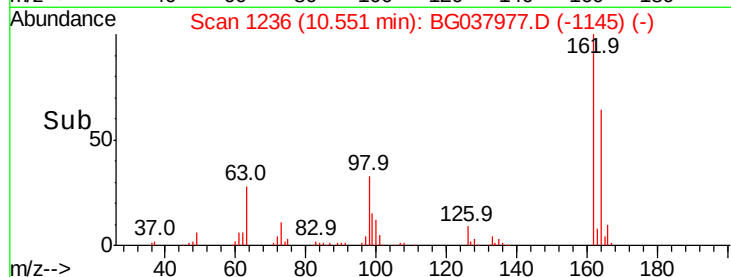
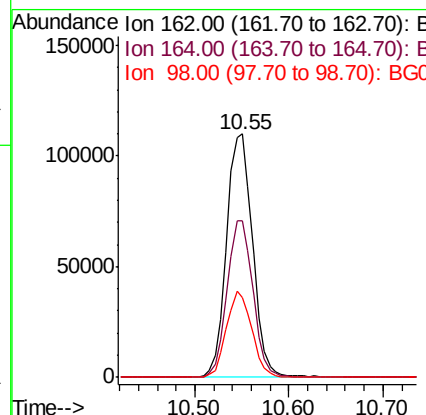
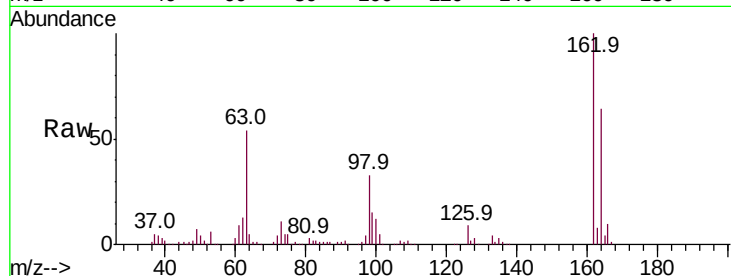




#29
 2,4-Dichlorophenol
 Concen: 49.738 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

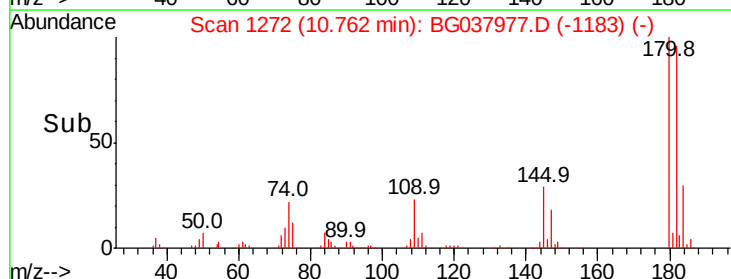
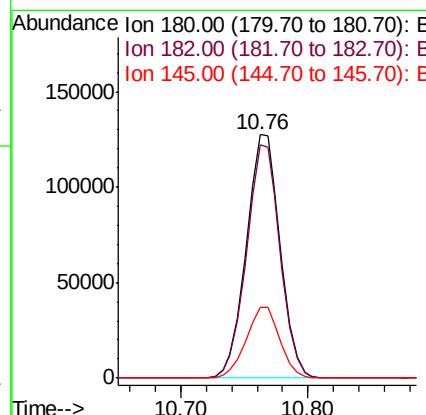
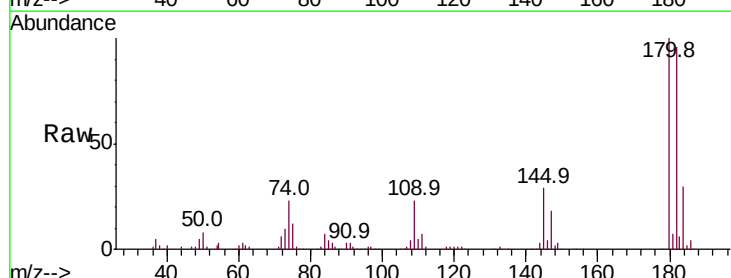
Instrument :
 BNA_G
 ClientSampled :

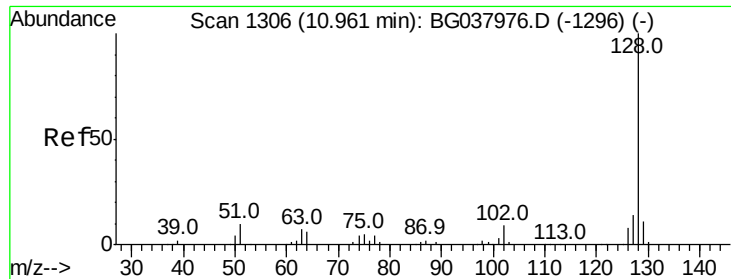
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.2	83.2
98	32.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 50.672 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.7	116.5
145	29.1	23.3	34.9

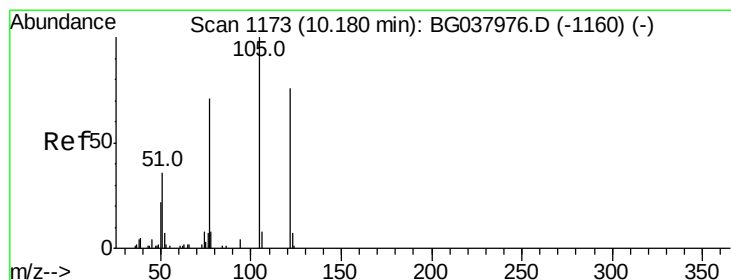
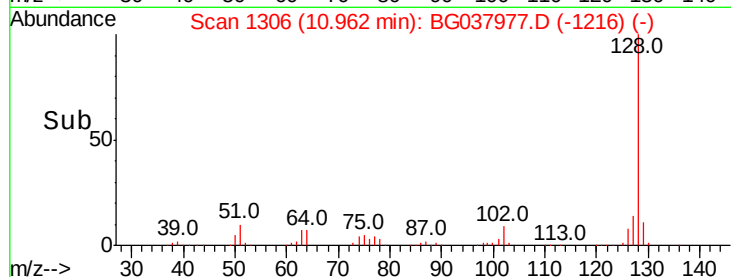
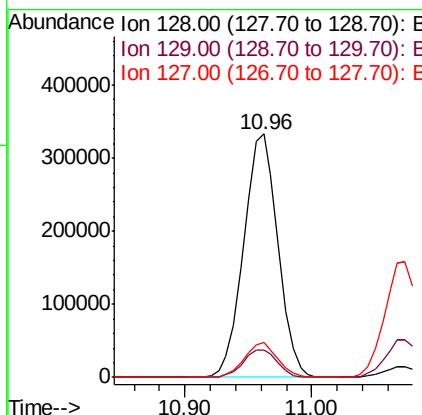
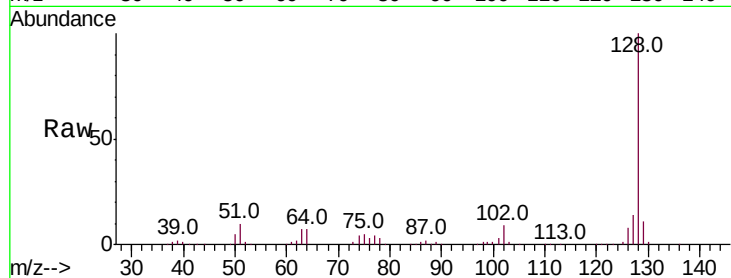




#31
Naphthalene
Concen: 49.280 ng
RT: 10.96 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

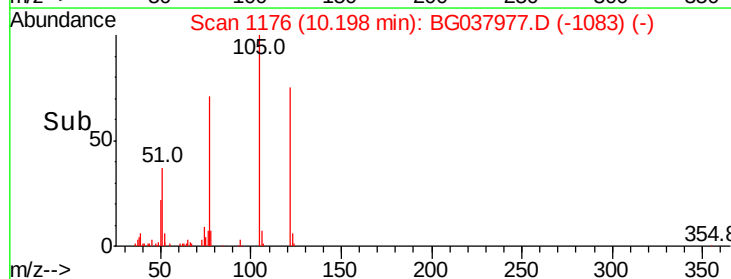
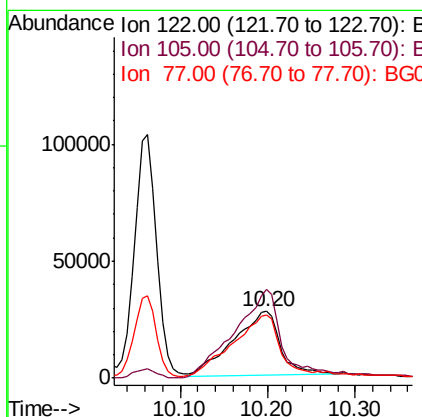
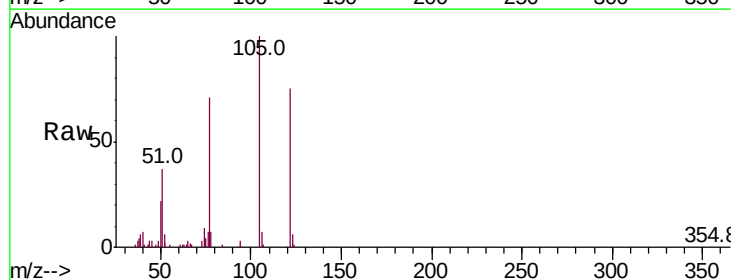
Instrument :
BNA_G
ClientSampleId :

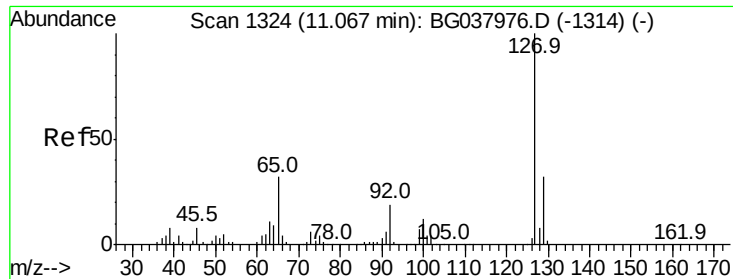
Tot Ion:128 Resp: 622709
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.4 11.1 16.7



#32
Benzoic acid
Concen: 39.856 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.02 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:122 Resp: 99339
Ion Ratio Lower Upper
122 100
105 132.8 106.7 146.7
77 94.3 72.2 112.2

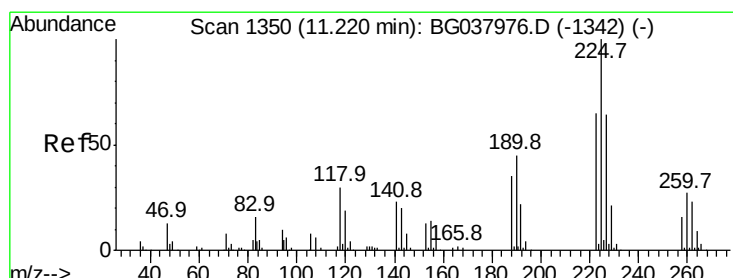
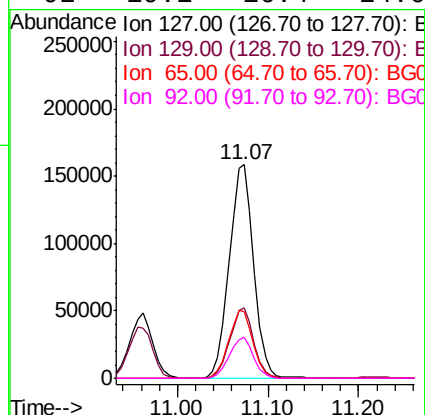
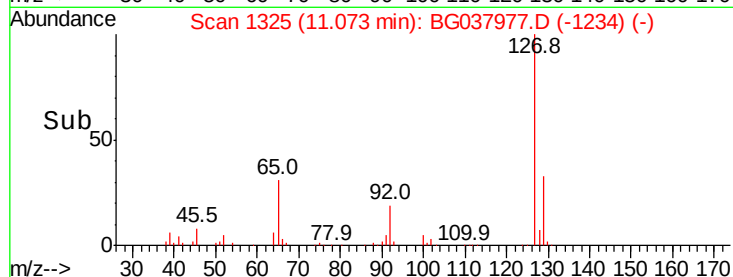
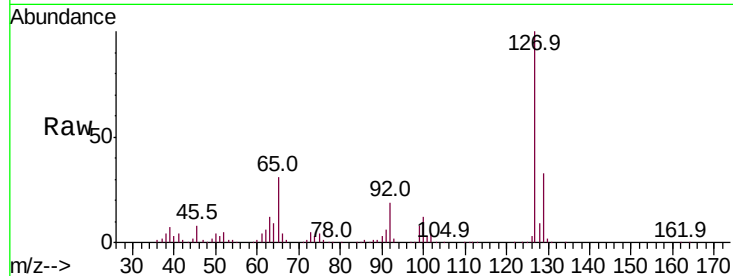




#33
4-Chloroaniline
Concen: 49.871 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

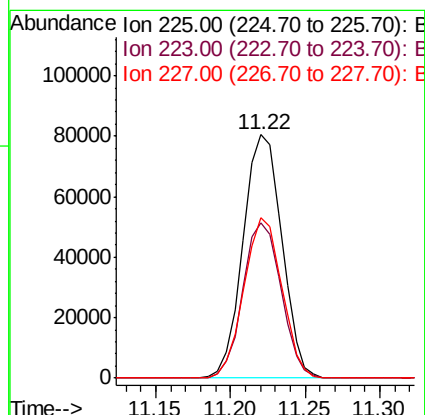
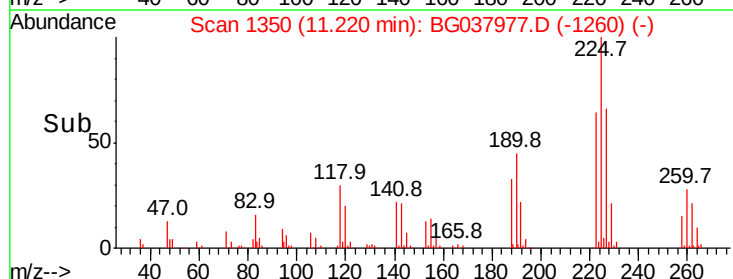
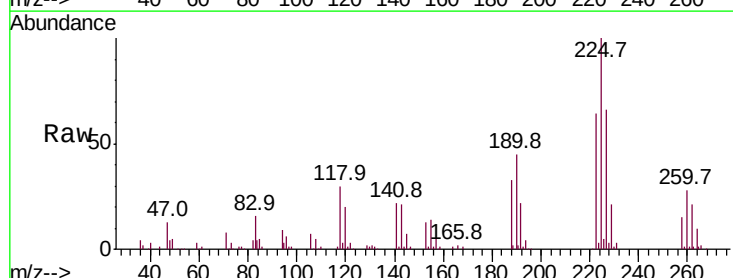
Instrument :
BNA_G
ClientSampled :

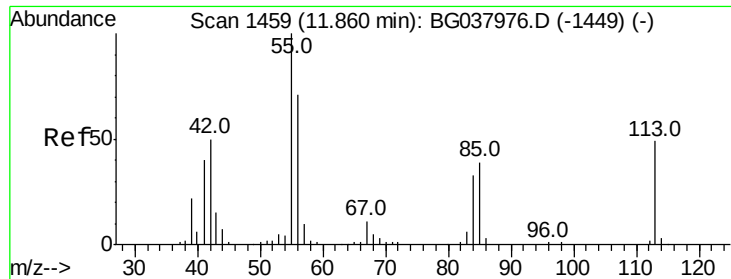
Tot Ion:	127	Resp:	296093
Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.1	40.7
65	31.2	26.6	39.8
92	19.1	16.4	24.6



#34
Hexachlorobutadiene
Concen: 52.570 ng
RT: 11.22 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:	225	Resp:	144764
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.2	72.4
227	65.7	51.6	77.4

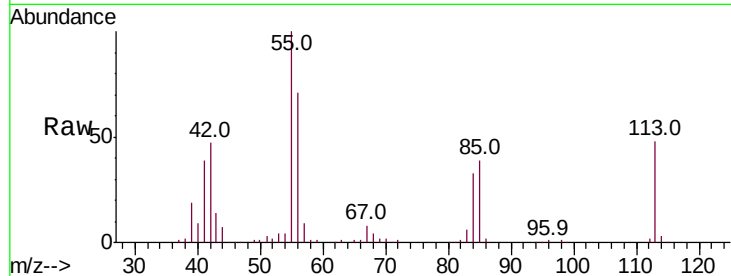




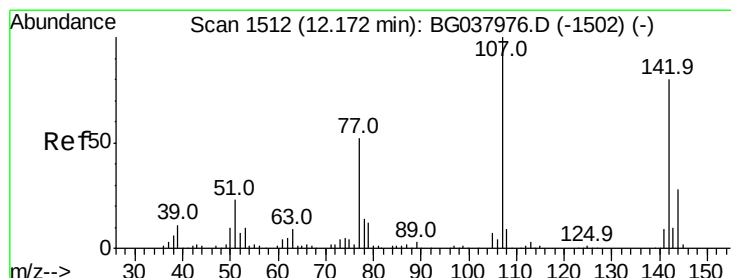
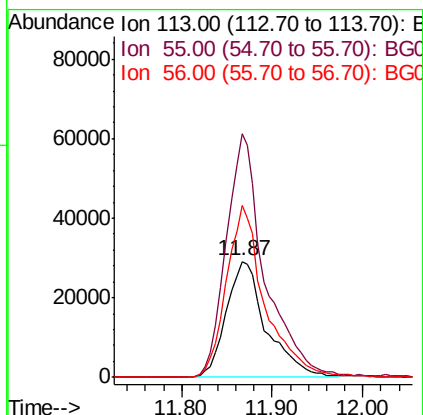
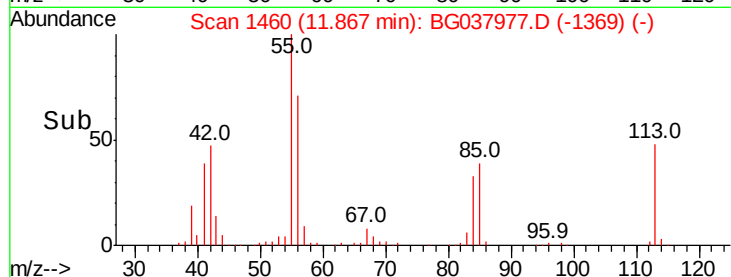
#35
 Caprolactam
 Concen: 52.286 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 89596
 Ion Ratio Lower Upper
 113 100
 55 210.5 176.6 216.6
 56 148.7 128.3 168.3

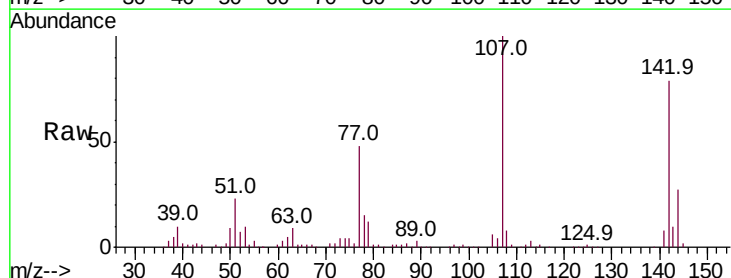


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

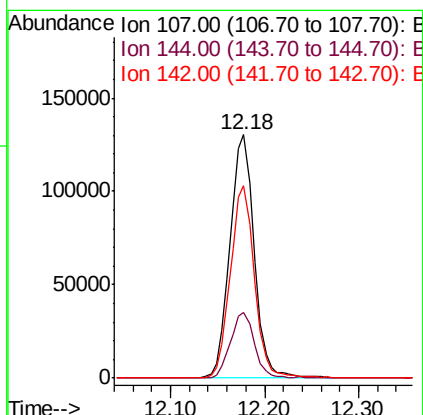
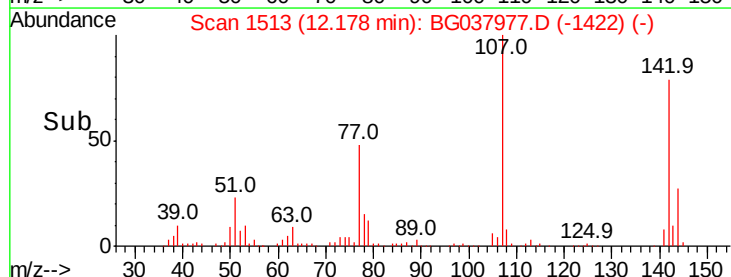


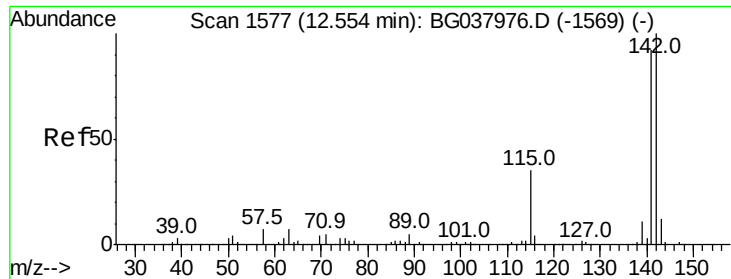
#36
 4-Chloro-3-methylphenol
 Concen: 48.579 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion:107 Resp: 234076
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.7 31.1
 142 78.8 64.4 96.6



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

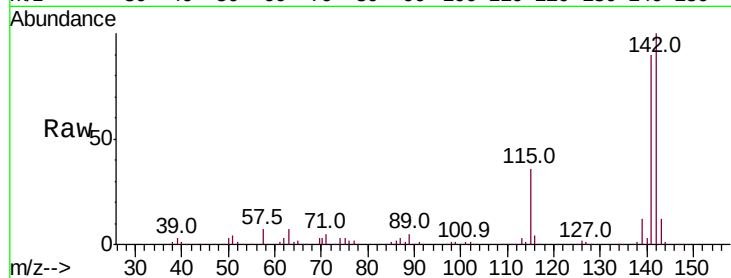




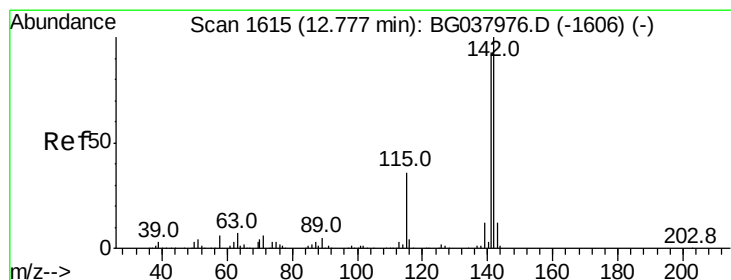
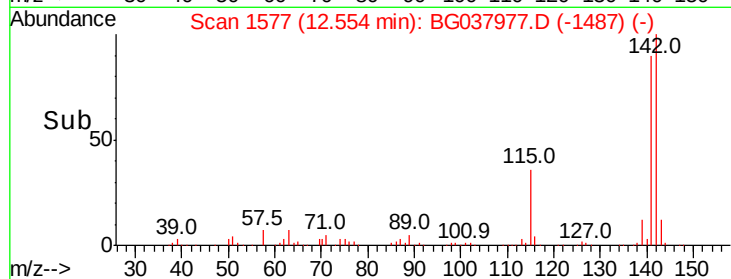
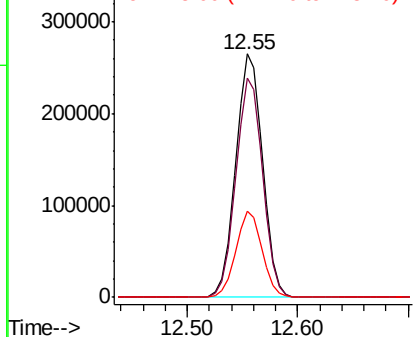
#37
2-Methylnaphthalene
Concen: 49.185 ng
RT: 12.55 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	35.6	27.8	41.8

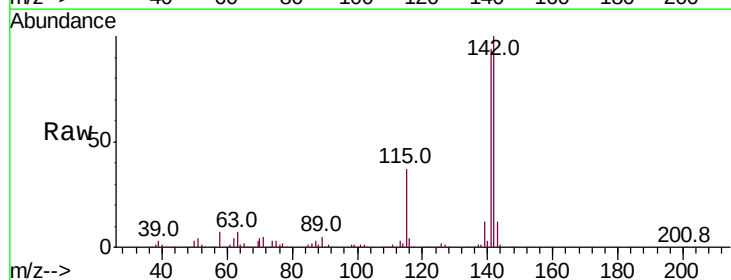


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

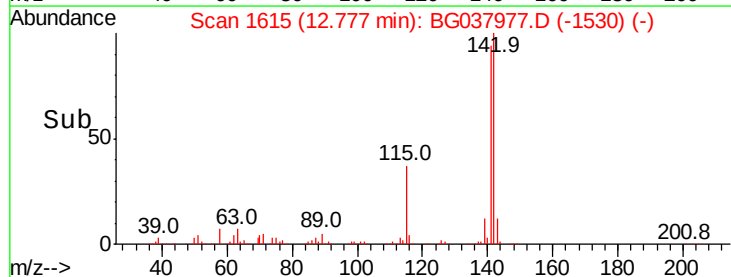
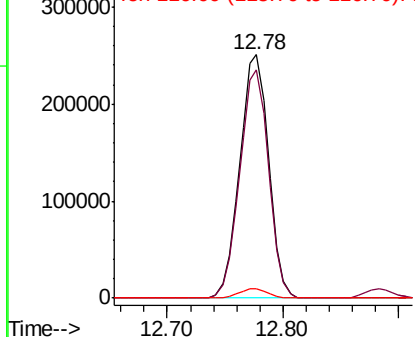


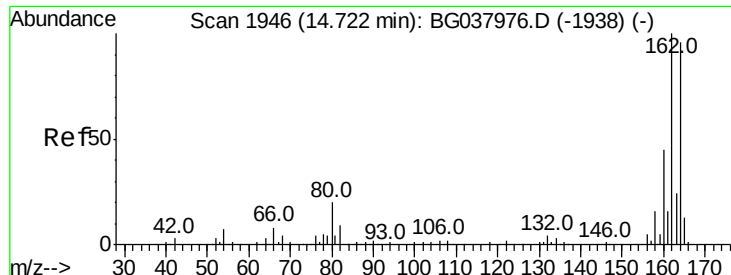
#38
1-Methylnaphthalene
Concen: 48.666 ng
RT: 12.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8
116	3.8	3.3	4.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampled :

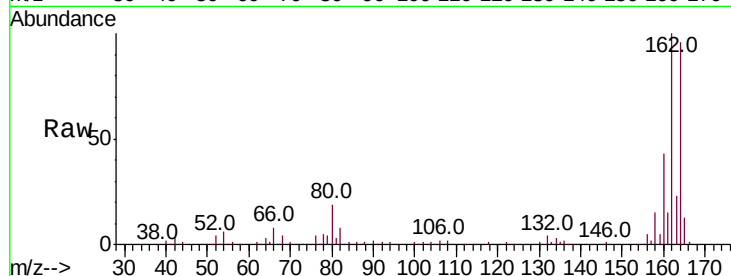
Tot Ion:164 Resp: 161672

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

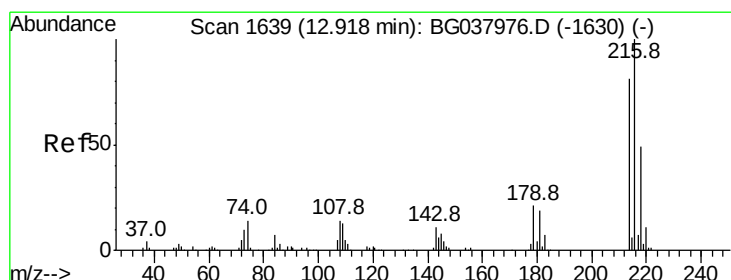
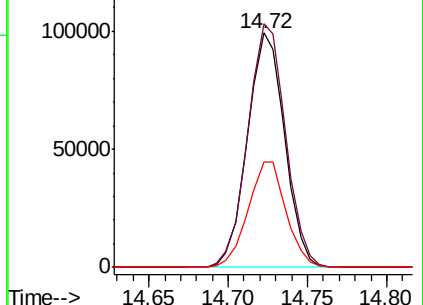
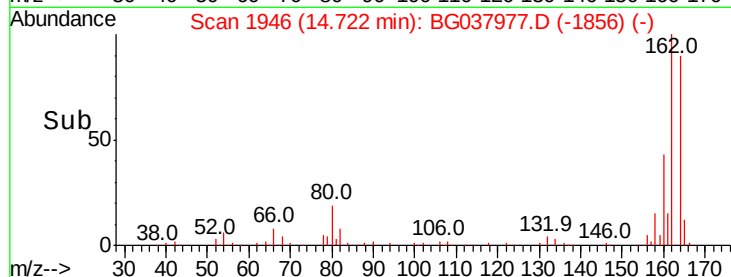
160 44.7 36.3 54.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.938 ng

RT: 12.92 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Tgt Ion:216 Resp: 270845

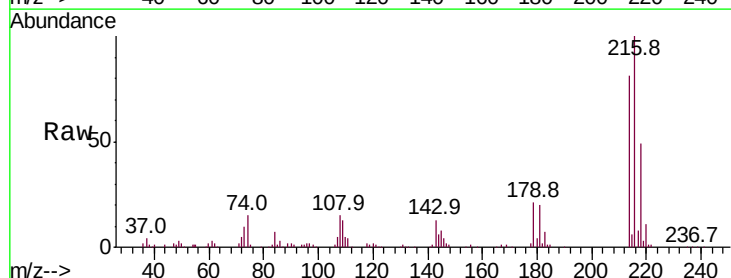
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 21.1 17.4 26.0

108 17.1 13.9 20.9

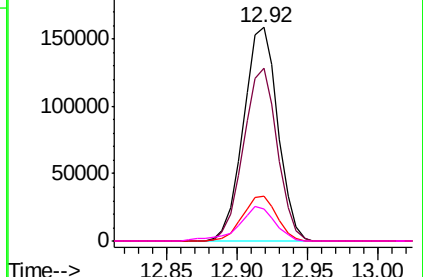
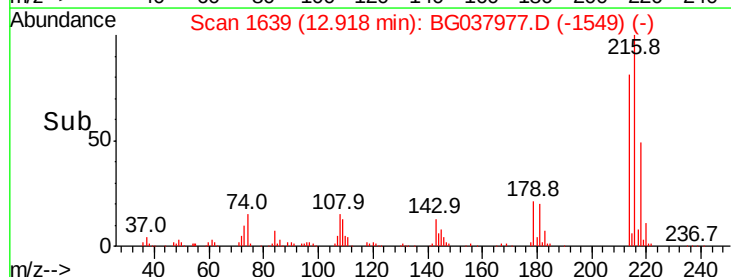


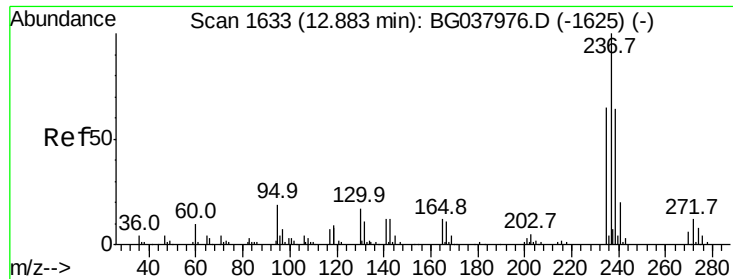
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 59.655 ng

RT: 12.88 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

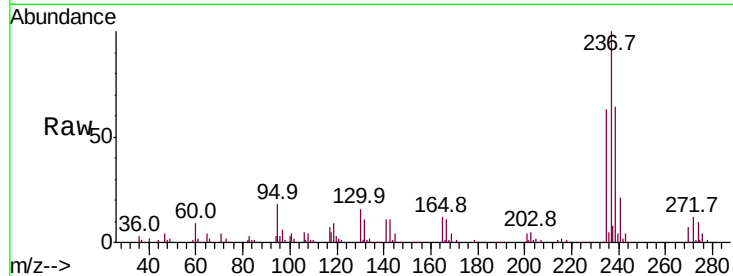
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 148599

Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.5	82.5
272	12.3	0.0	31.6

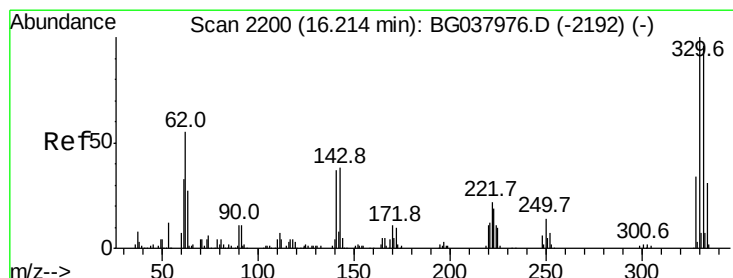
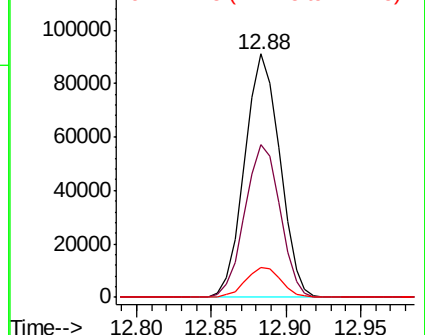
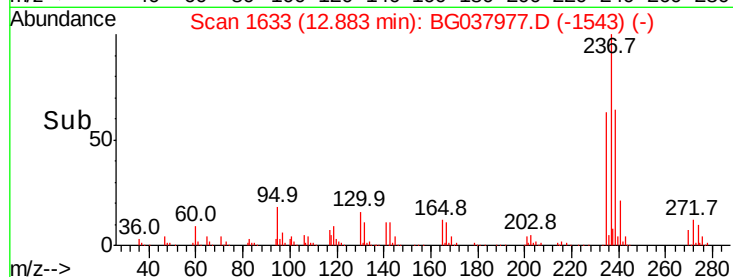


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 104.599 ng

RT: 16.21 min Scan# 2200

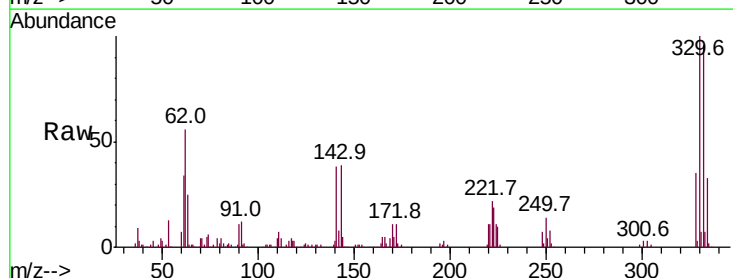
Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Tgt Ion:330 Resp: 184444

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	39.9	32.2	48.2

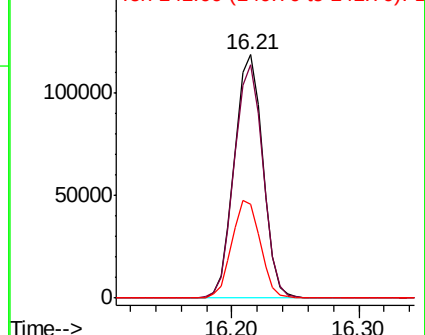
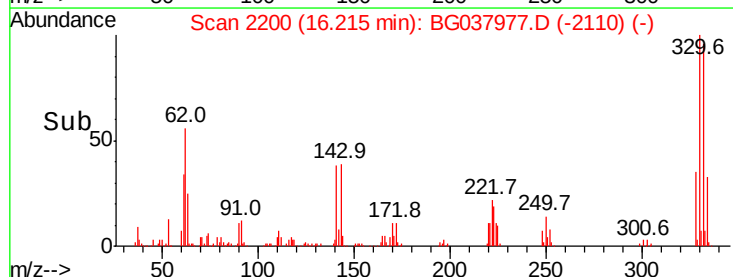


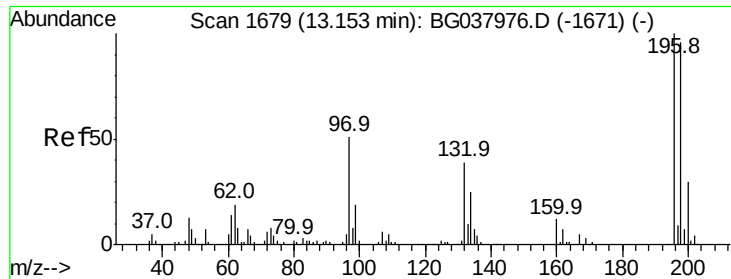
Abundance

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

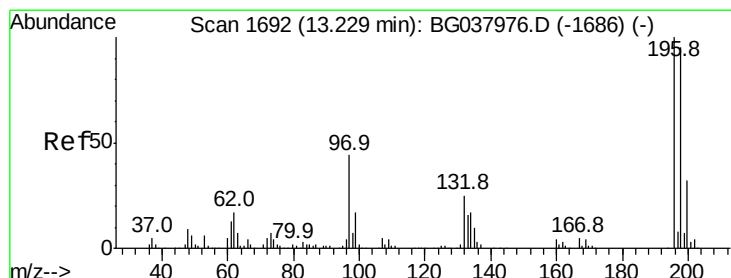
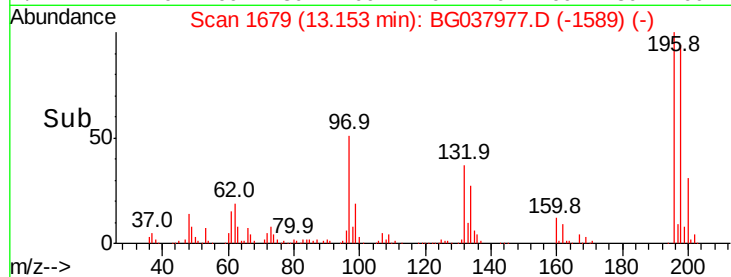
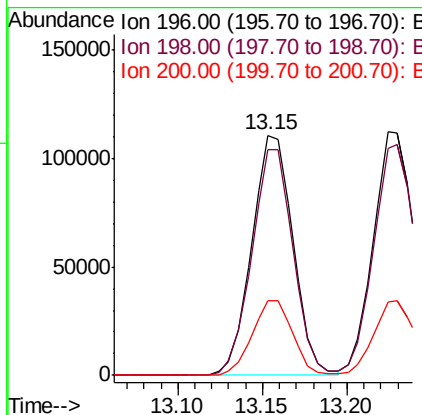
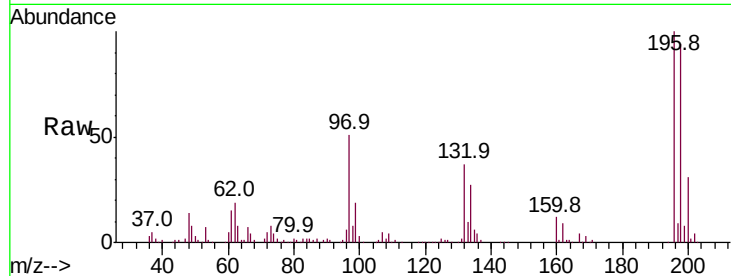




#43
 2,4,6-Trichlorophenol
 Concen: 53.930 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

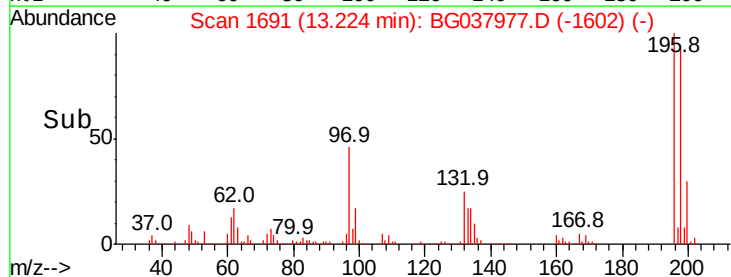
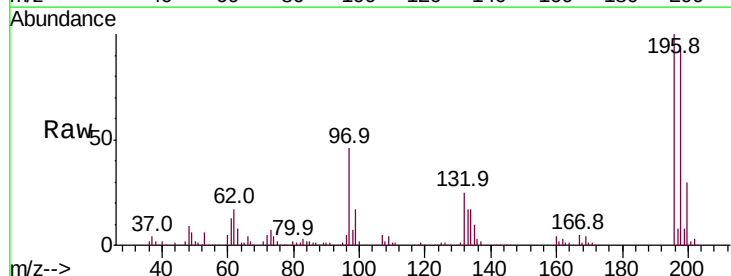
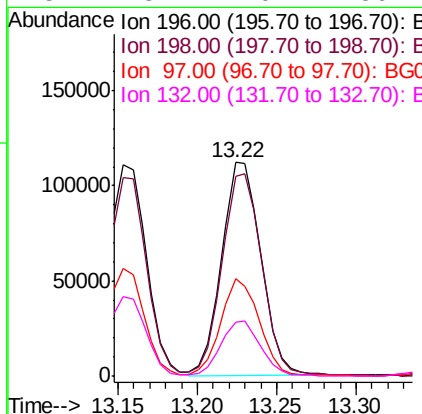
Instrument :
 BNA_G
 ClientSampled :

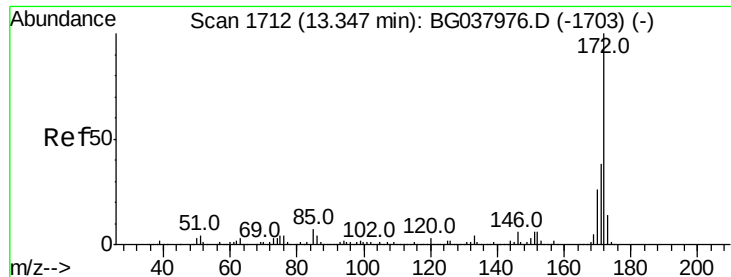
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.4	114.6
200	31.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.627 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.2	111.2
97	45.7	34.1	51.1
132	25.4	20.2	30.4

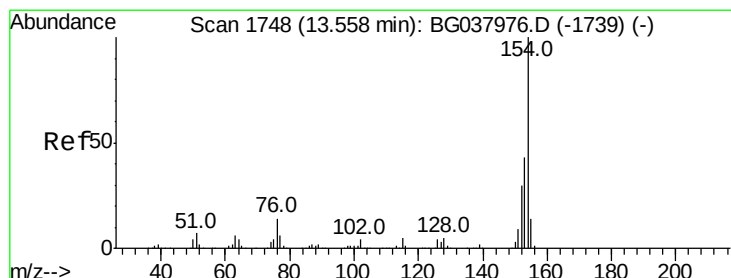
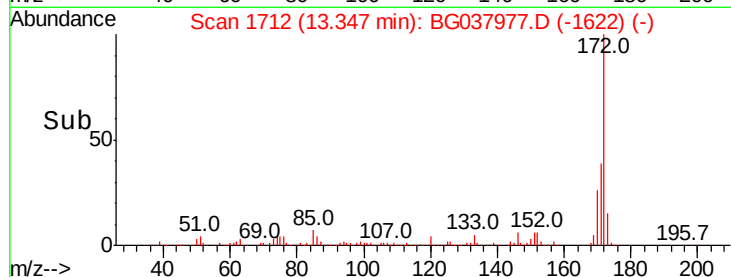
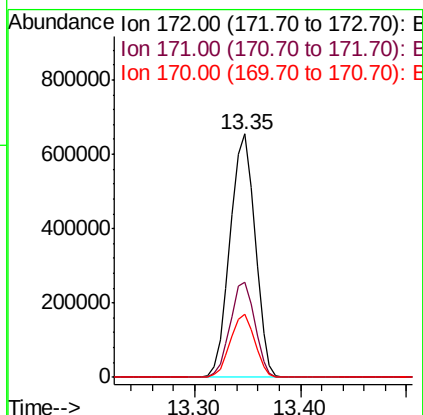
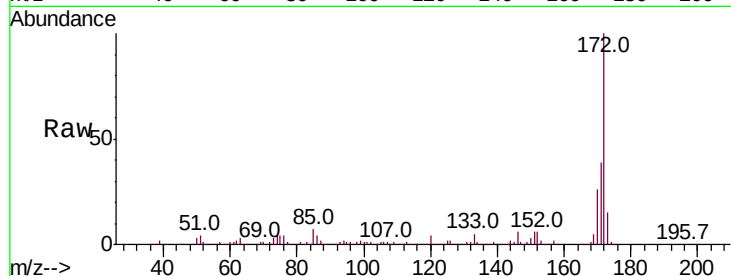




#45
 2-Fluorobiphenyl
 Concen: 99.850 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

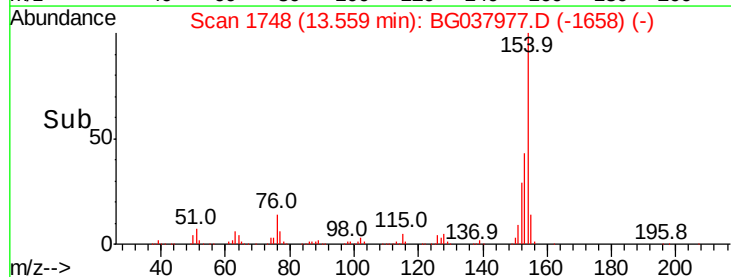
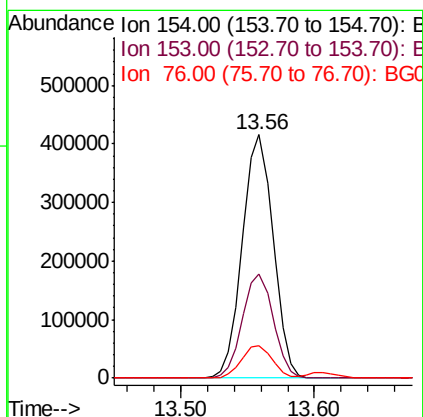
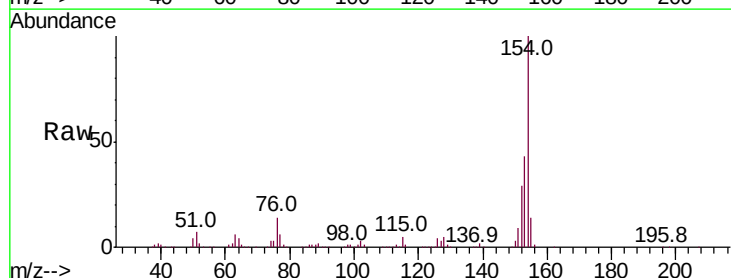
Instrument :
 BNA_G
 ClientSampleId :

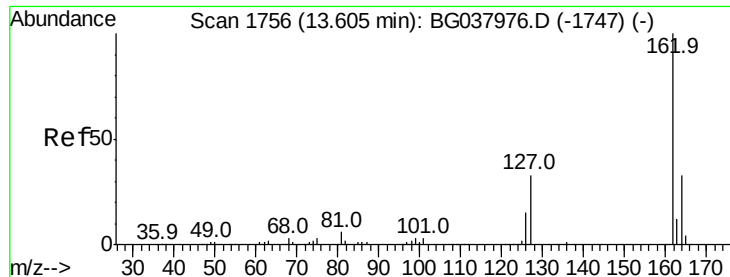
Tot Ion:172 Resp: 1070525
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.0 46.4
 170 25.8 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 49.536 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion:154 Resp: 663251
 Ion Ratio Lower Upper
 154 100
 153 42.7 22.1 62.1
 76 13.5 0.0 33.2

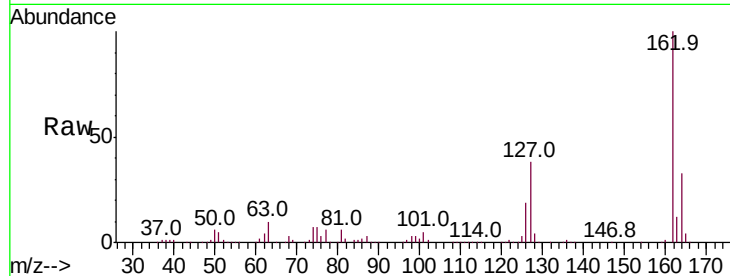




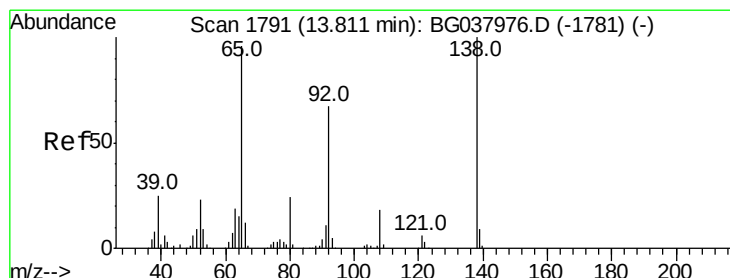
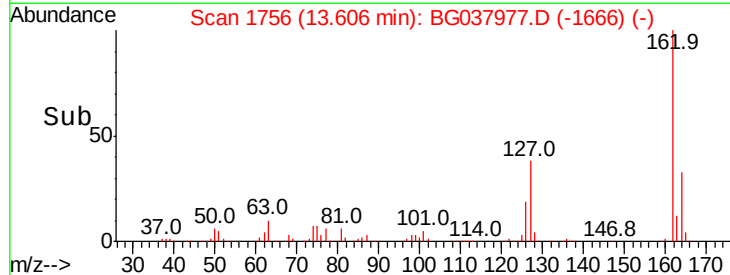
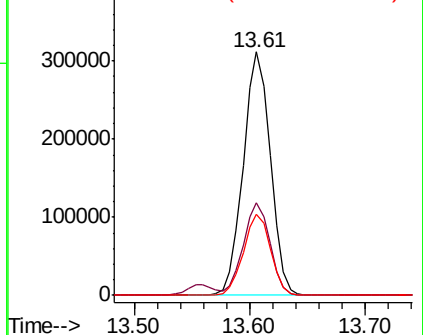
#47
 2-Chloronaphthalene
 Concen: 50.173 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	33.1	26.4	39.6

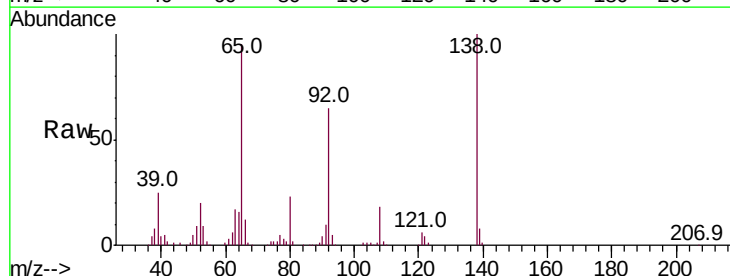


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

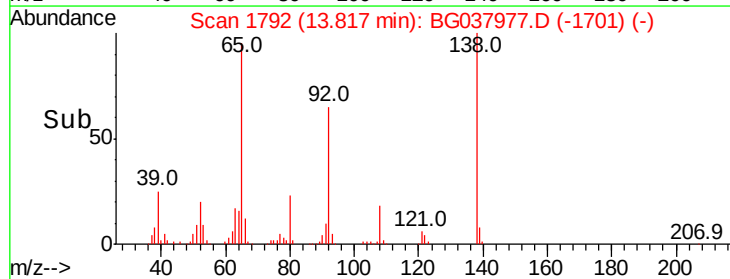
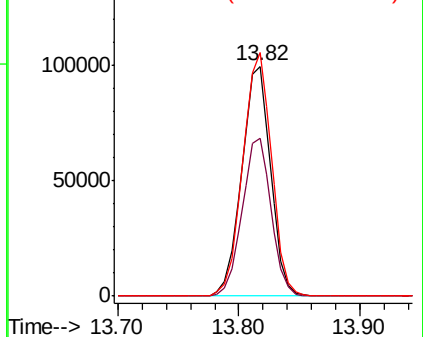


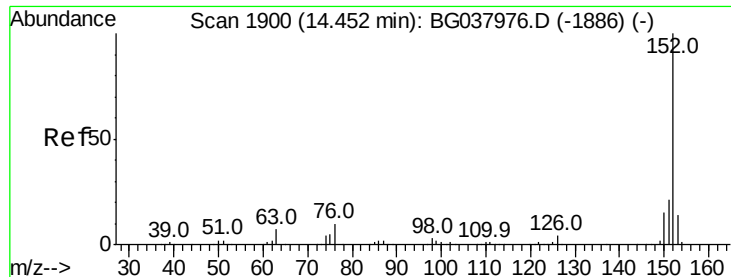
#48
 2-Nitroaniline
 Concen: 54.068 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.2	79.8
138	105.8	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.396 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

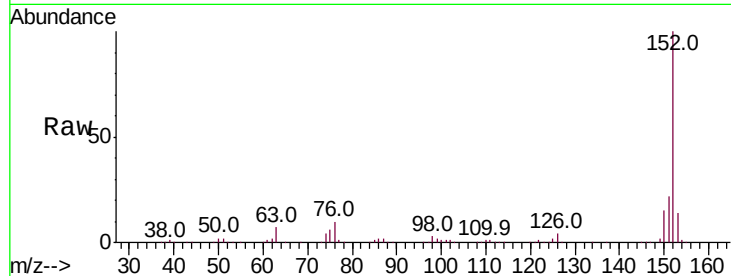
Tot Ion:152 Resp: 767912

Ion Ratio Lower Upper

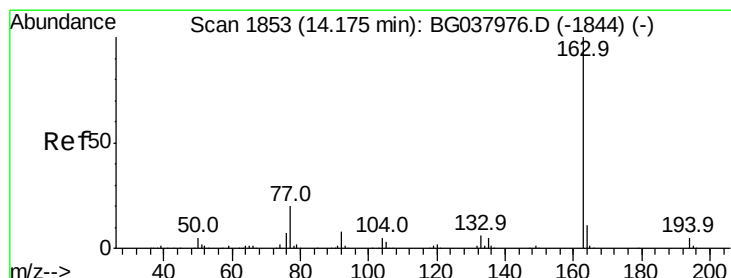
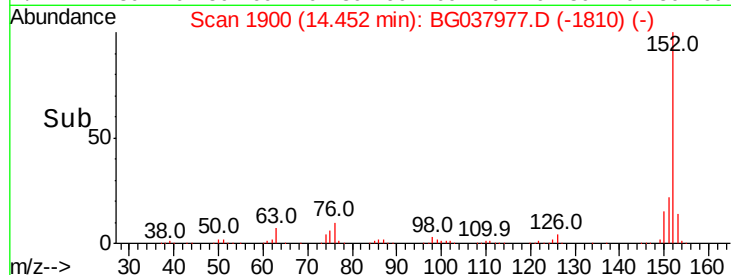
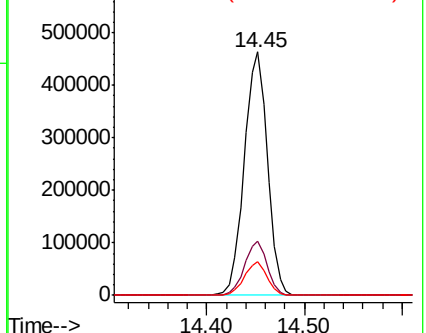
152 100

151 22.3 17.1 25.7

153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.216 ng

RT: 14.18 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

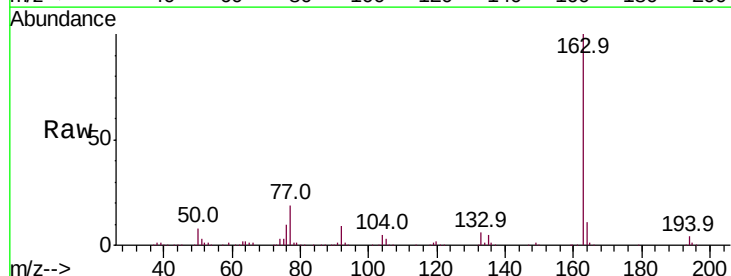
Tgt Ion:163 Resp: 628066

Ion Ratio Lower Upper

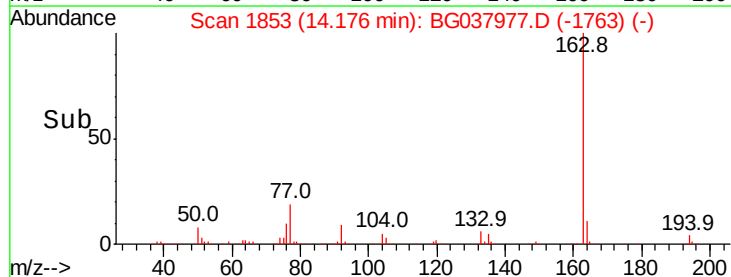
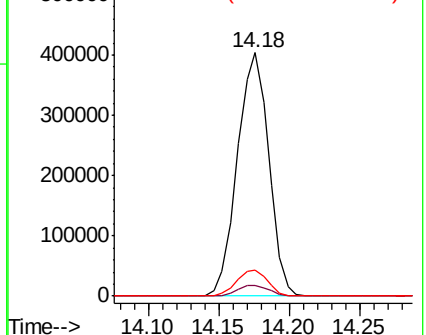
163 100

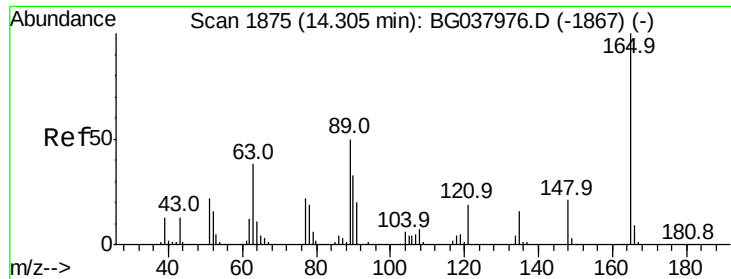
194 4.2 3.5 5.3

164 10.7 8.5 12.7



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

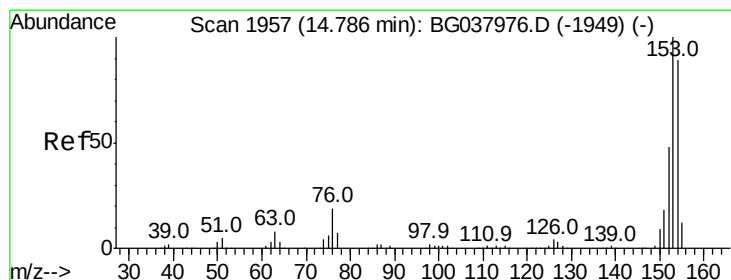
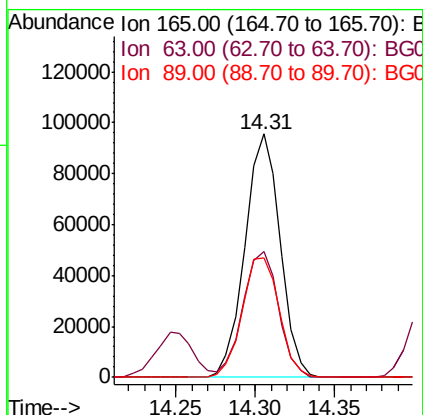
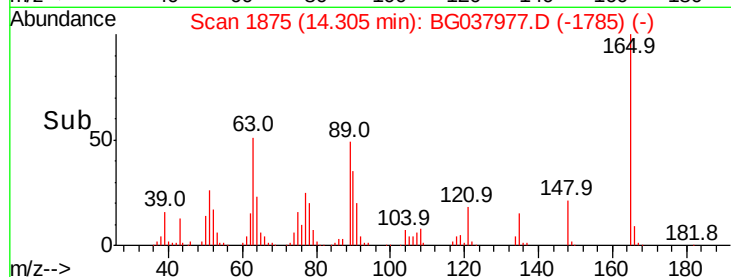
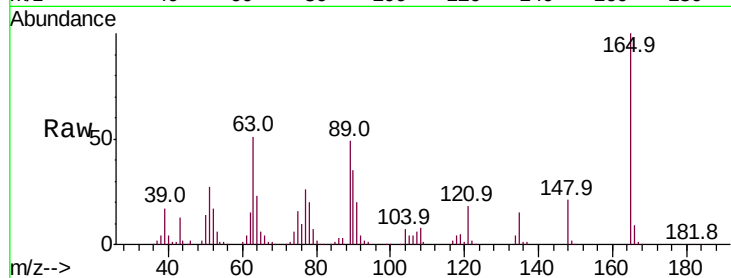




#51
 2,6-Dinitrotoluene
 Concen: 53.175 ng
 RT: 14.31 min Scan# 1875
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

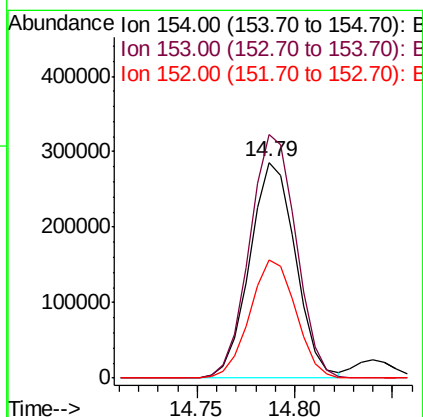
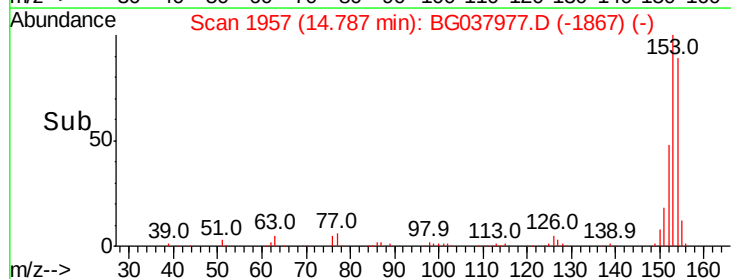
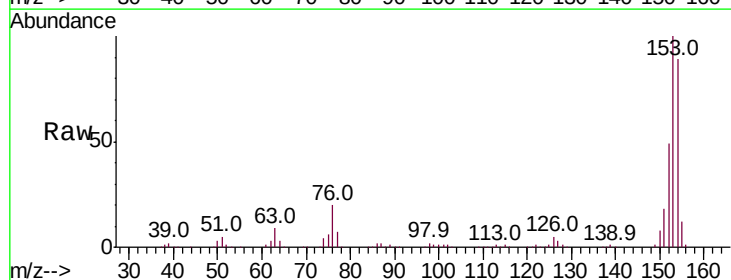
Instrument :
 BNA_G
 ClientSampleId :

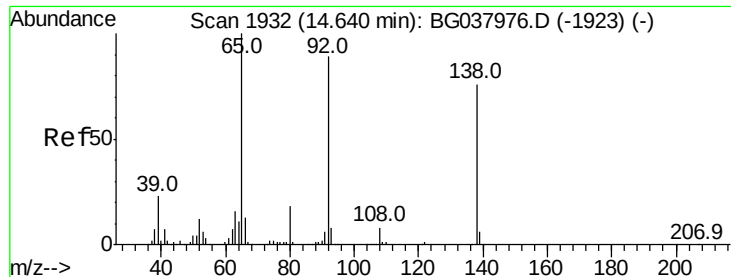
Tot Ion:165 Resp: 147126
 Ion Ratio Lower Upper
 165 100
 63 51.4 43.4 65.2
 89 49.0 45.8 68.6



#52
 Acenaphthene
 Concen: 49.563 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion:154 Resp: 465117
 Ion Ratio Lower Upper
 154 100
 153 112.8 93.4 140.0
 152 54.7 44.7 67.1





#53

3-Nitroaniline

Concen: 53.075 ng

RT: 14.64 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

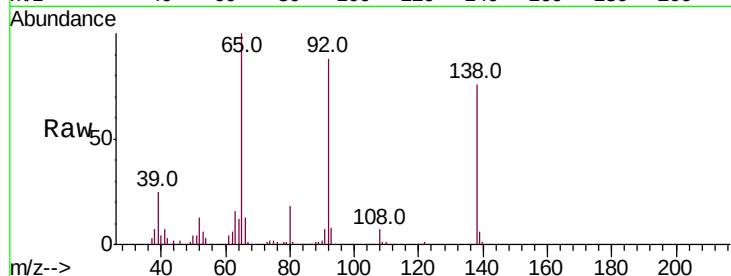
Tot Ion:138 Resp: 163026

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

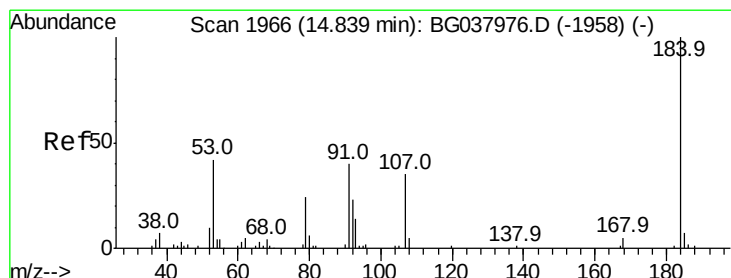
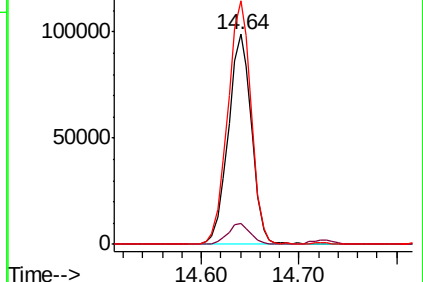
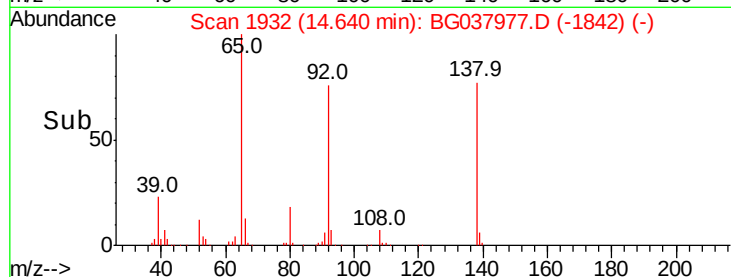
92 115.9 95.2 142.8



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



#54

2,4-Dinitrophenol

Concen: 86.146 ng

RT: 14.84 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

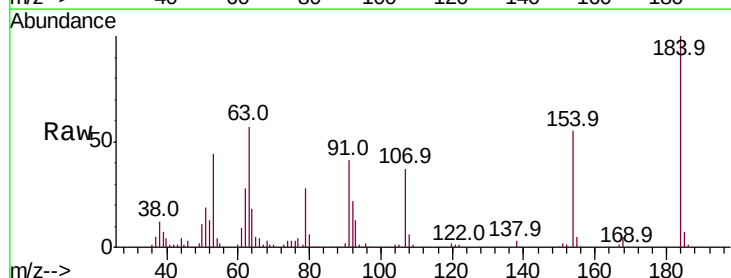
Tgt Ion:184 Resp: 69338

Ion Ratio Lower Upper

184 100

63 57.2 42.6 63.8

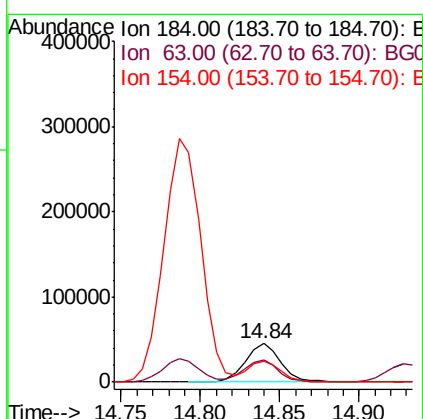
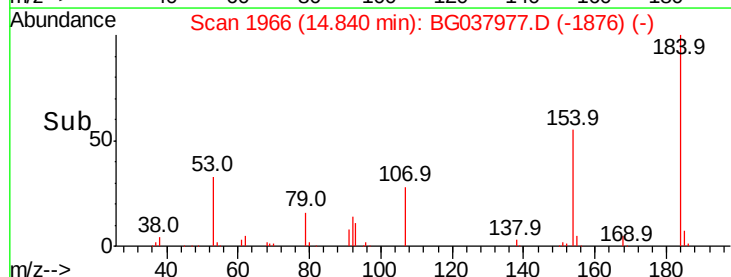
154 54.8 41.8 62.6

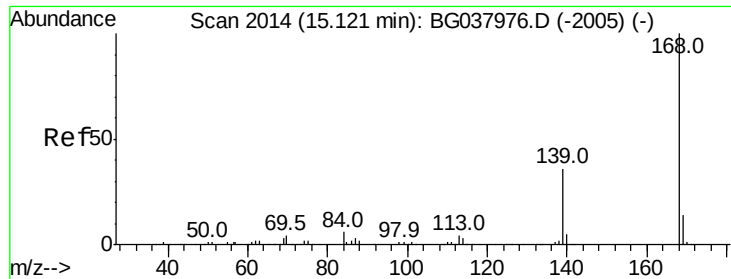


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

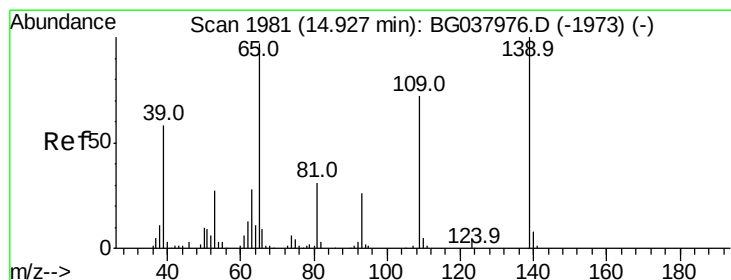
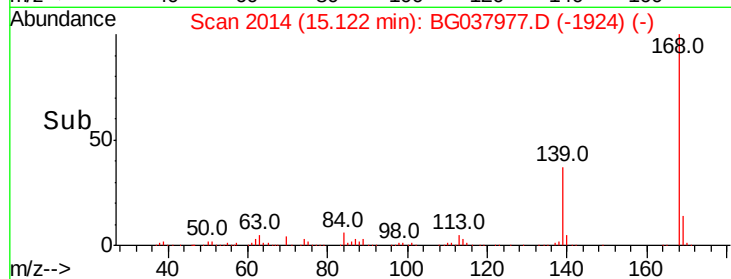
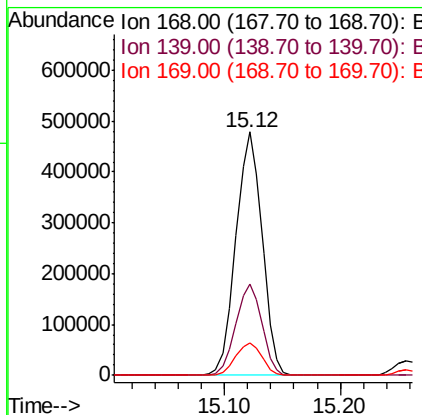
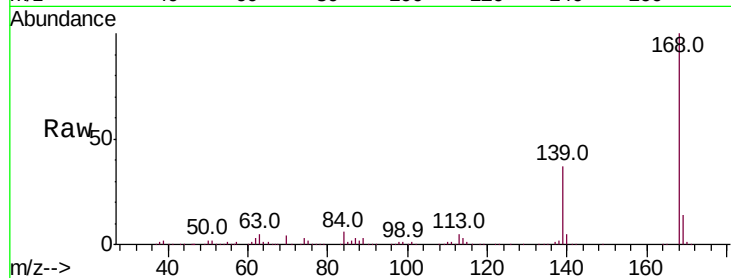




#55
Dibenzofuran
Concen: 48.292 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

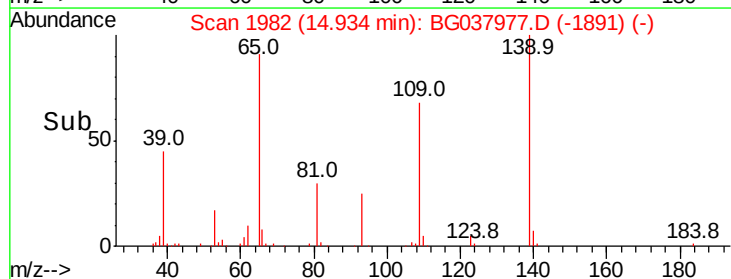
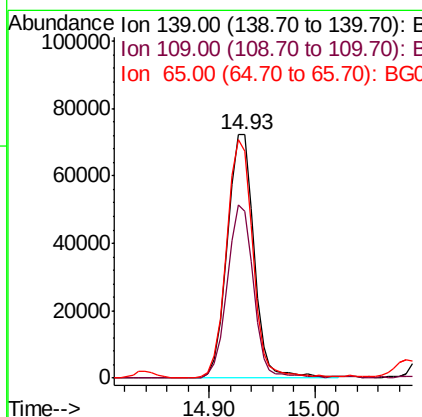
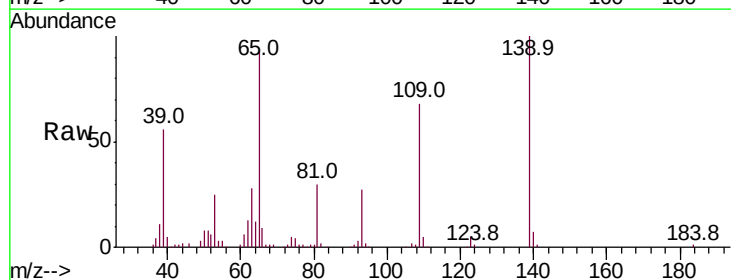
Instrument :
BNA_G
ClientSampleId :

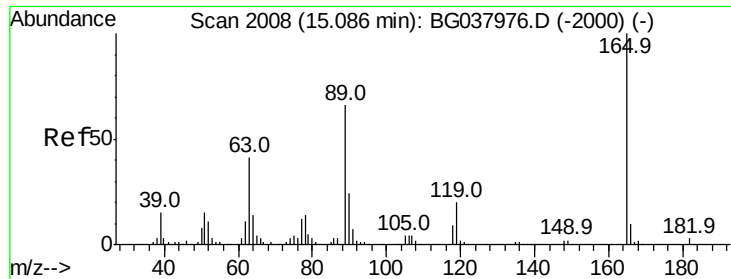
Tot Ion:168 Resp: 750850
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 55.710 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:139 Resp: 126662
Ion Ratio Lower Upper
139 100
109 68.3 49.5 89.5
65 93.1 76.8 116.8

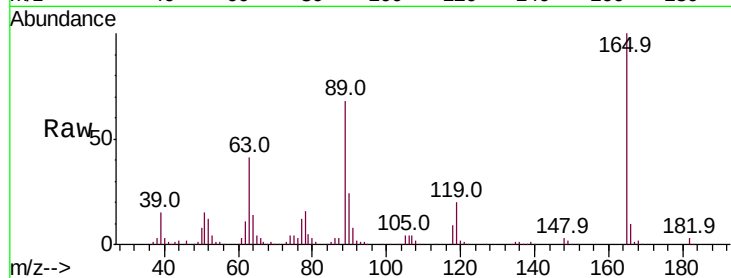




#57
2,4-Dinitrotoluene
Concen: 55.316 ng
RT: 15.09 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	33.4	50.0
89	67.8	57.2	85.8
182	2.8	2.6	4.0



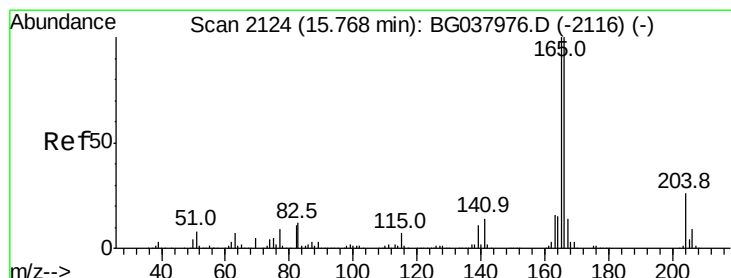
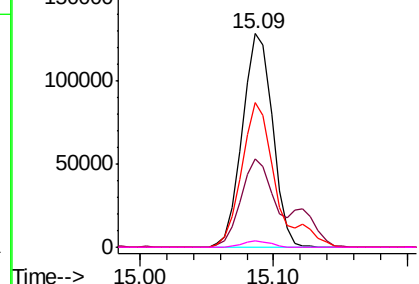
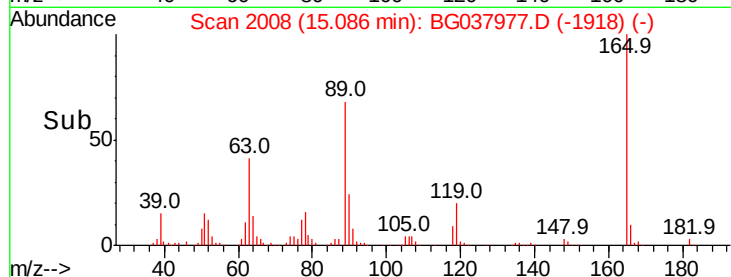
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

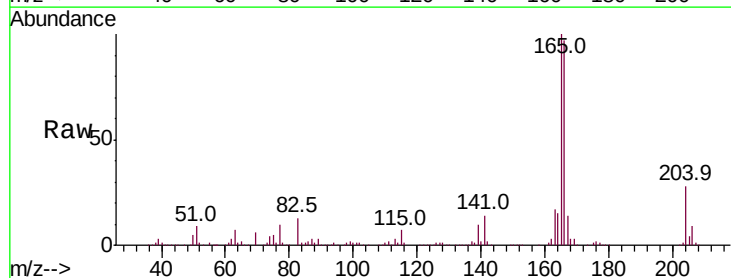
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.363 ng
RT: 15.77 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.0	118.6
167	14.5	11.3	16.9

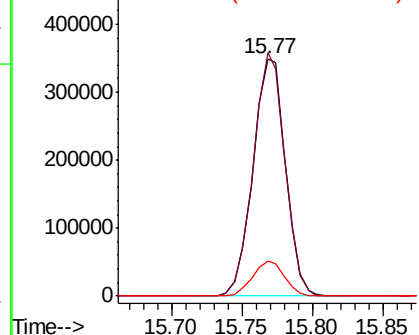
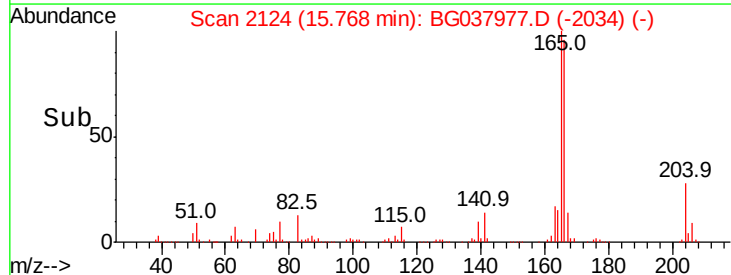


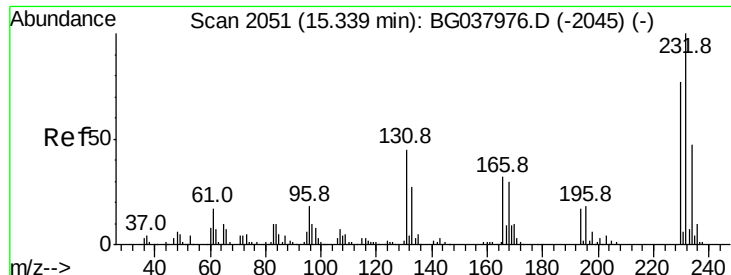
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

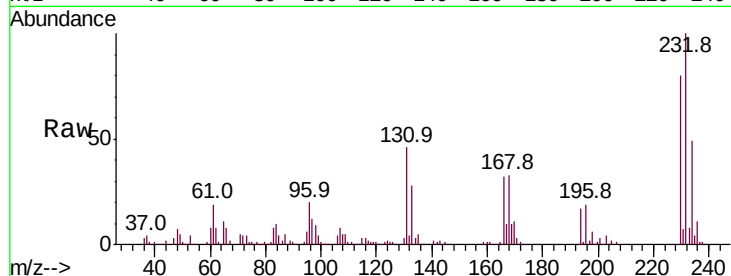




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.942 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.7	50.5
130	2.6	2.1	3.1
166	31.8	24.6	36.8



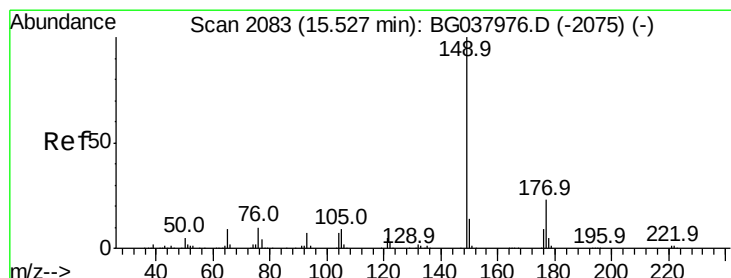
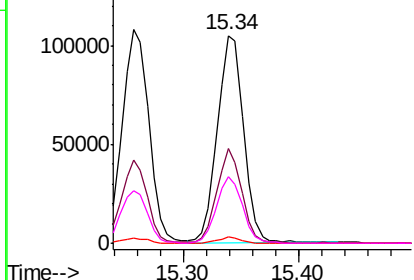
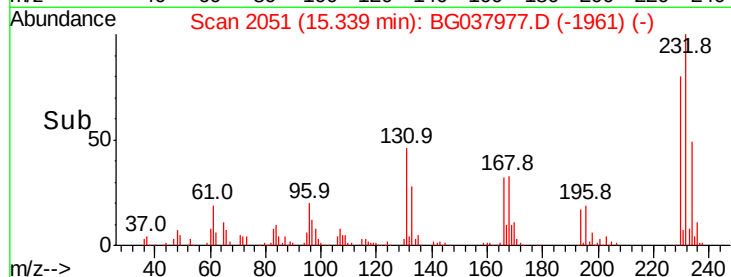
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

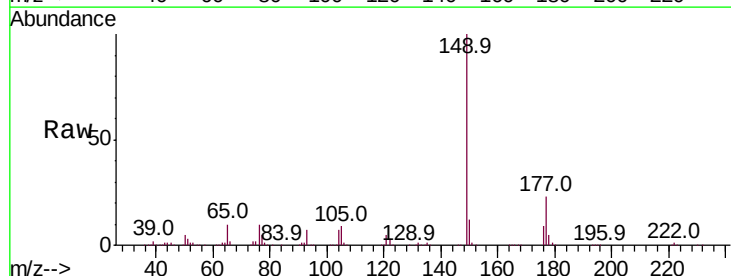
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 51.069 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.4	10.0	15.0

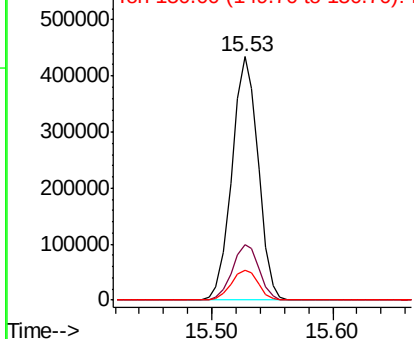
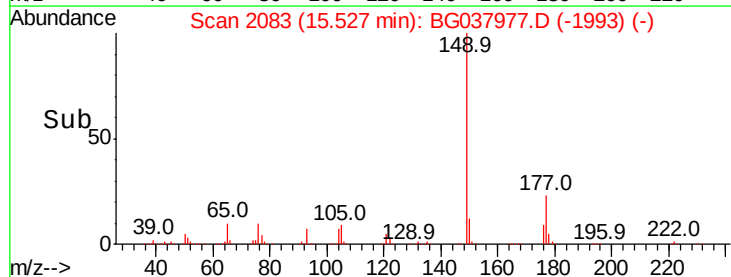


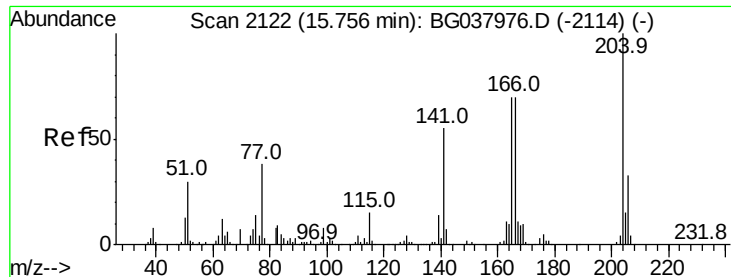
Abundance

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

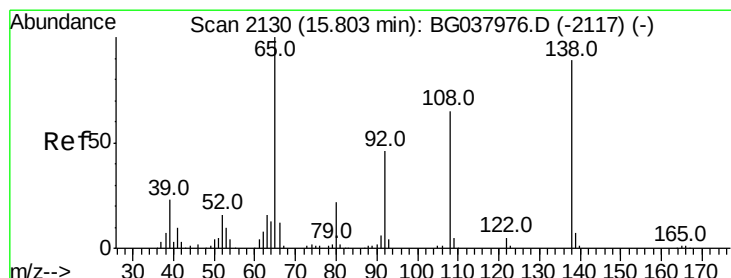
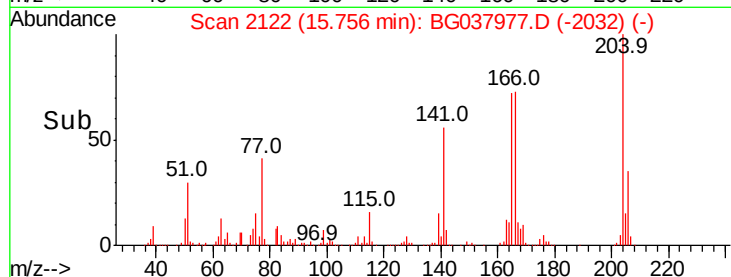
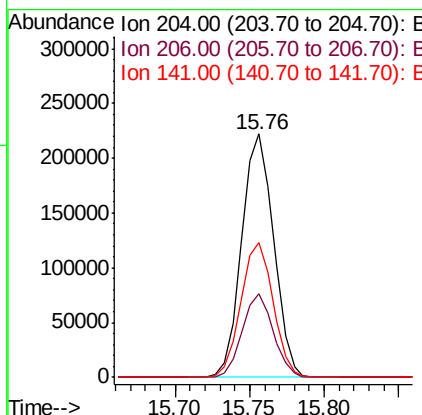
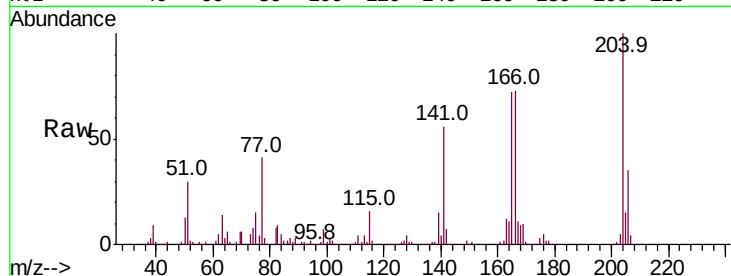




#61
4-Chlorophenyl-phenylether
Concen: 48.426 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

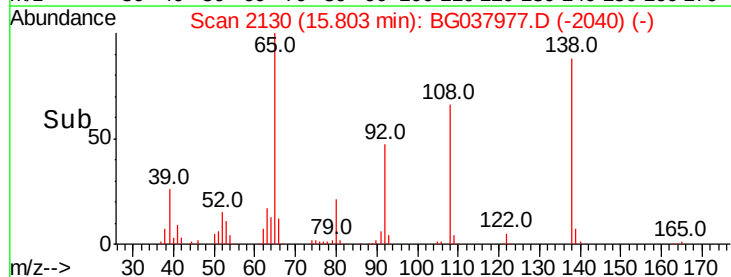
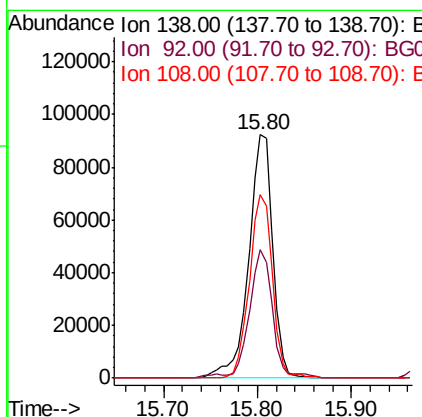
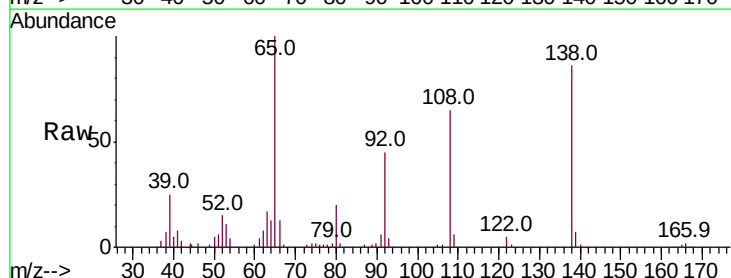
Instrument :
BNA_G
ClientSampled :

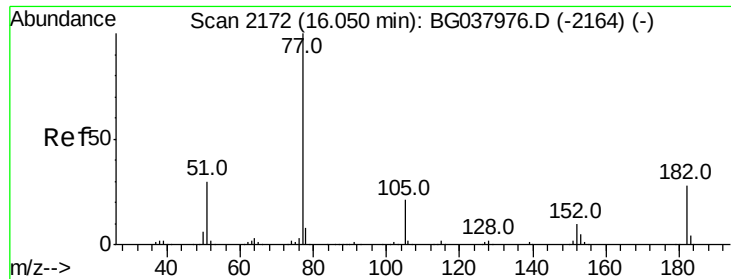
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.6	39.8
141	55.6	45.4	68.2



#62
4-Nitroaniline
Concen: 53.447 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.7	36.4	76.4
108	75.4	60.1	100.1

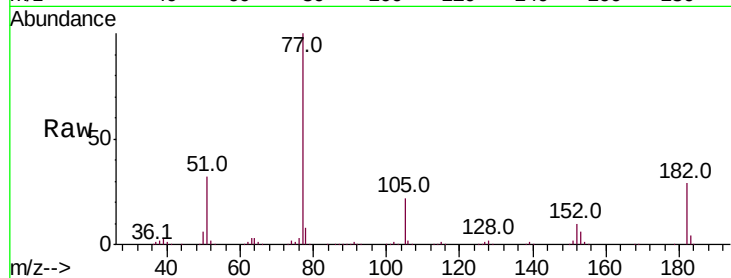




#63
Azobenzene
Concen: 48.703 ng
RT: 16.05 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	8.0	48.0
105	21.5	1.3	41.3
51	31.7	10.7	50.7



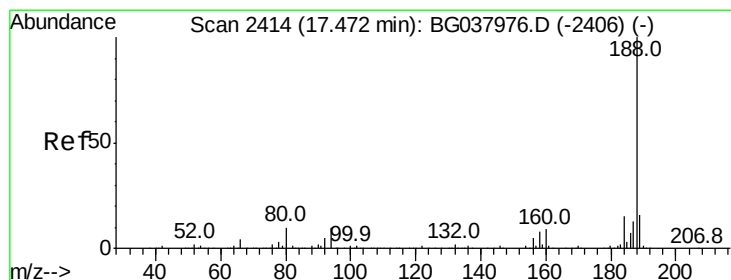
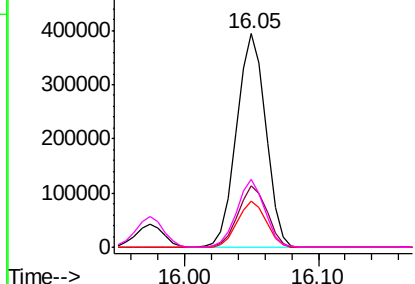
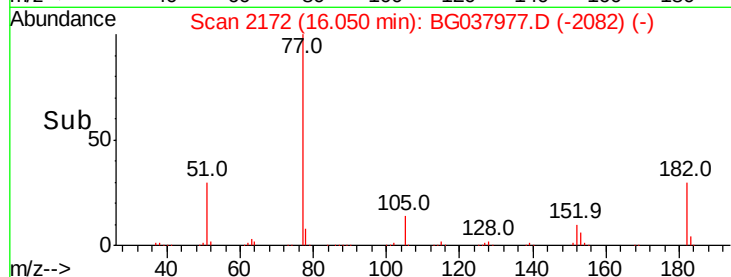
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

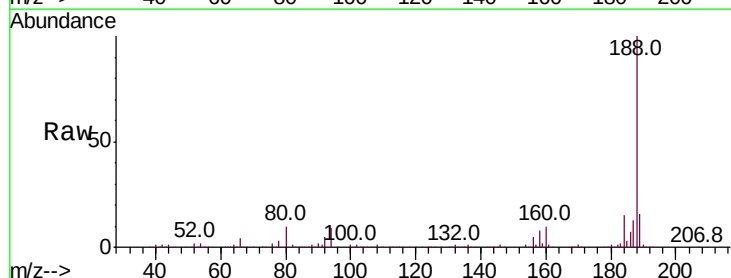
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.1	7.7	11.5

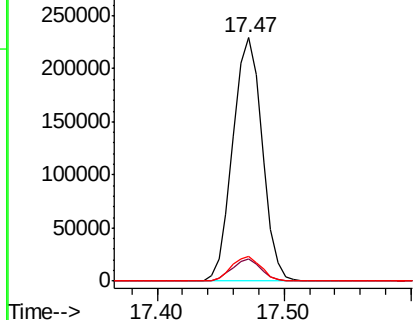
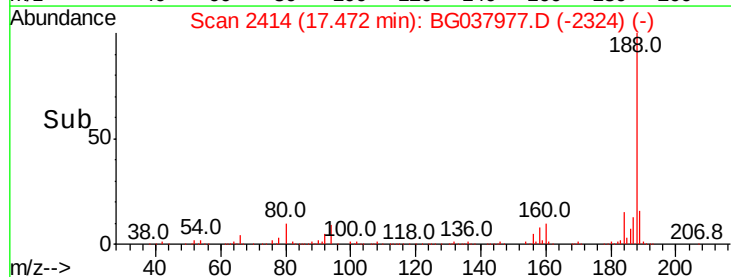


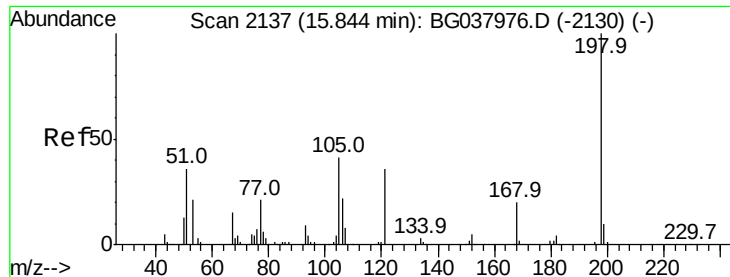
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 72.806 ng

RT: 15.85 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

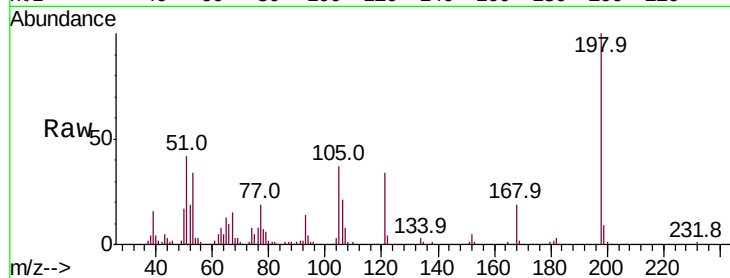
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 123594

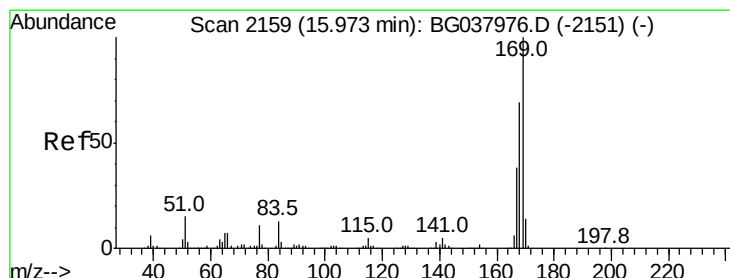
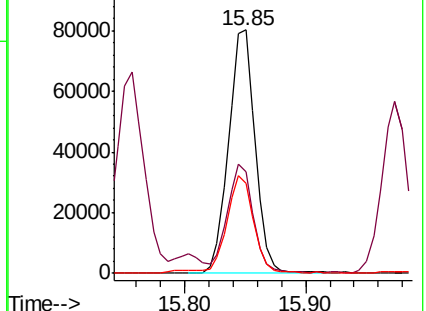
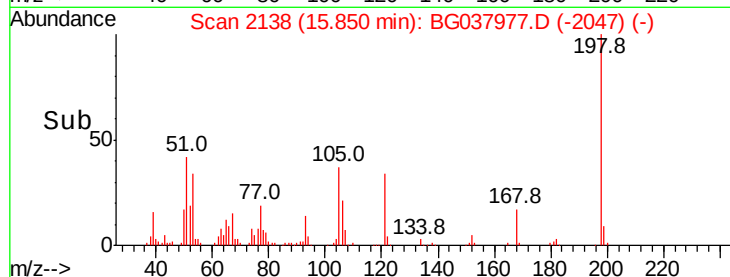
Ion	Ratio	Lower	Upper
198	100		
51	41.8	22.7	62.7
105	37.2	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037977.D (-2047) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 50.319 ng

RT: 15.97 min Scan# 2159

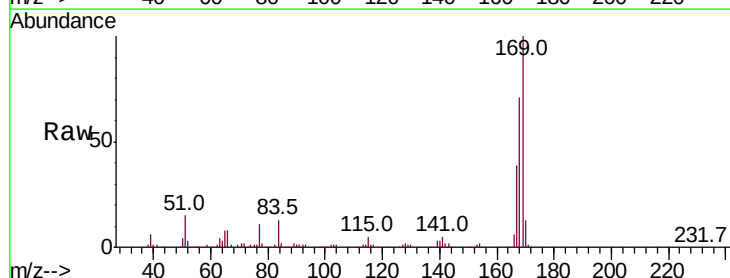
Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Tgt Ion:169 Resp: 554965

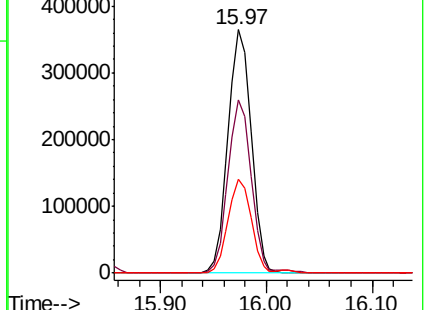
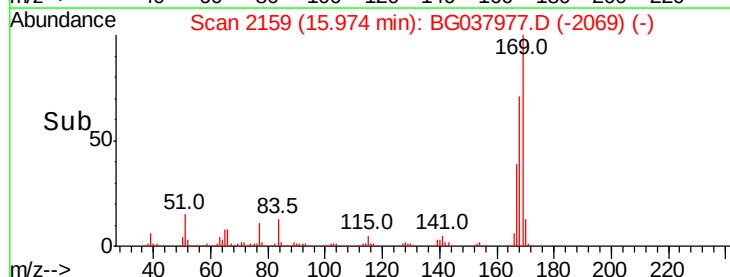
Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.7	83.5
167	38.6	31.3	46.9

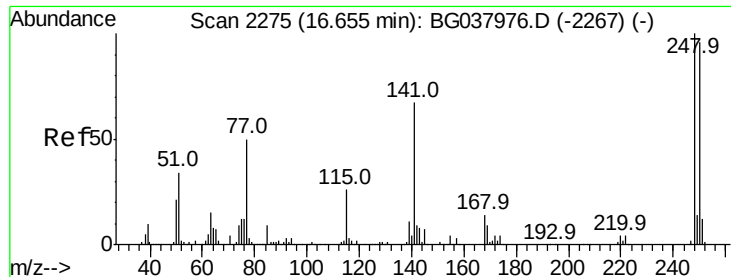


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

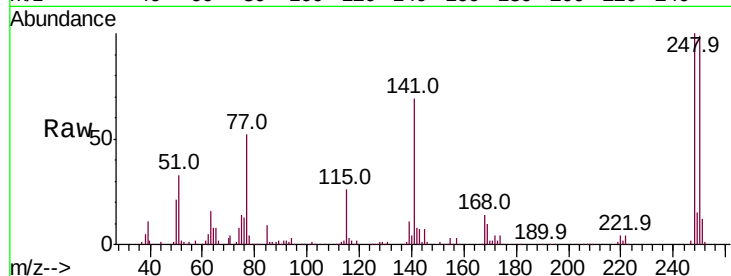




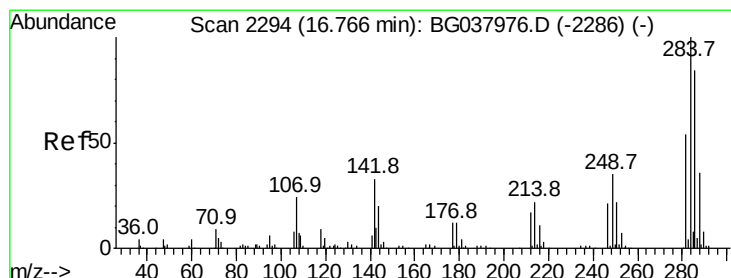
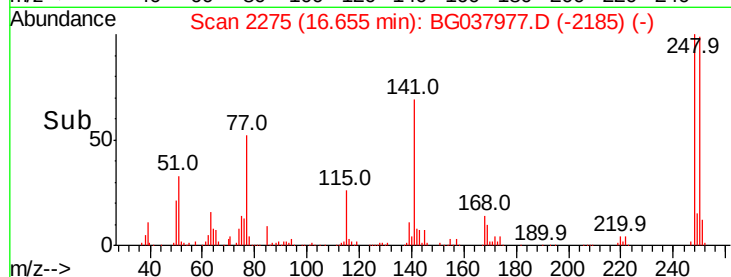
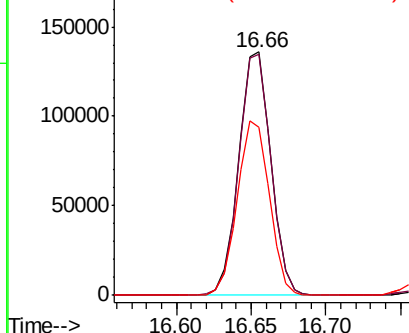
#67
 4-Bromophenyl-phenylether
 Concen: 50.398 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 202921
 Ion Ratio Lower Upper
 248 100
 250 99.0 77.0 115.6
 141 68.9 55.5 83.3

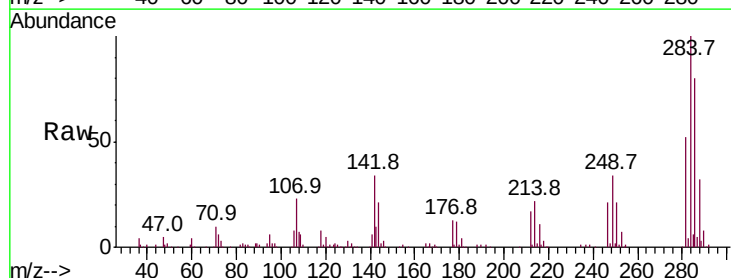


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

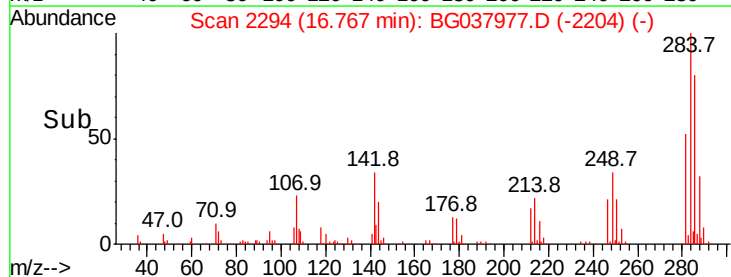
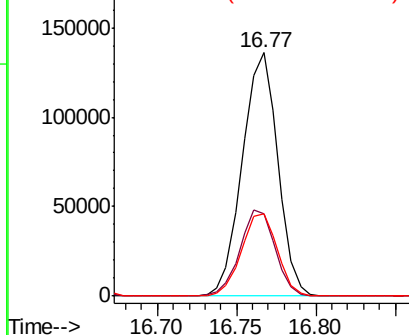


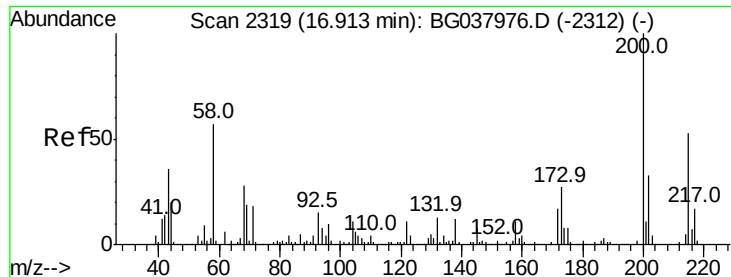
#68
 Hexachlorobenzene
 Concen: 50.601 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion:284 Resp: 211159
 Ion Ratio Lower Upper
 284 100
 142 33.8 28.1 42.1
 249 35.9 29.8 44.8



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

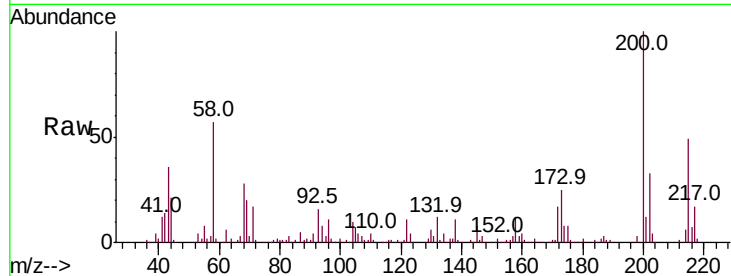




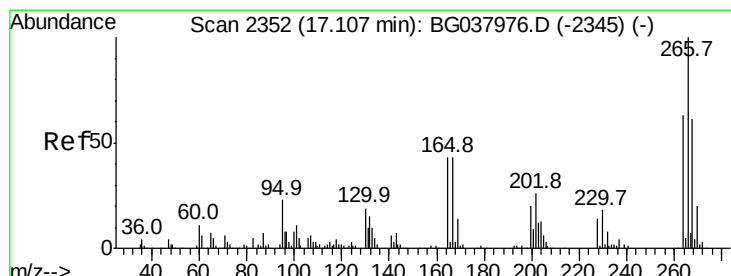
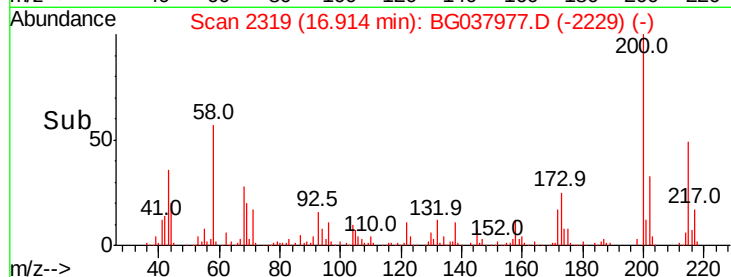
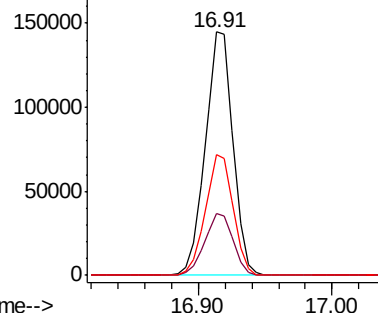
#69
 Atrazine
 Concen: 52.418 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.1	46.1
215	49.4	30.8	70.8

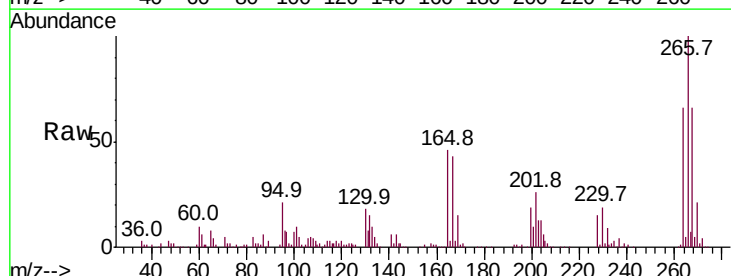


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

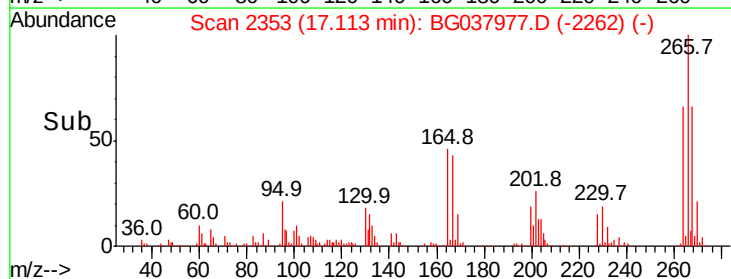
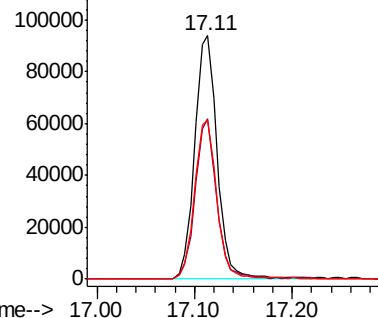


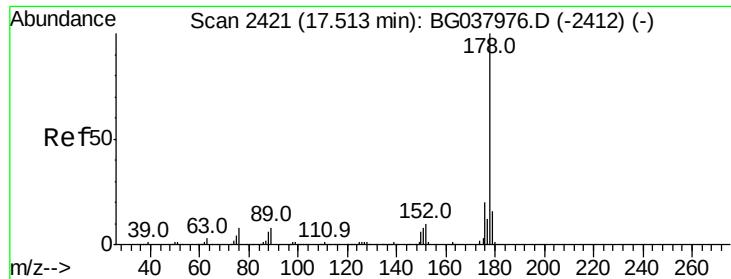
#70
 Pentachlorophenol
 Concen: 53.866 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. 0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.6	55.0	82.6
264	65.6	58.9	88.3



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





#71

Phenanthrene

Concen: 49.486 ng

RT: 17.51 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

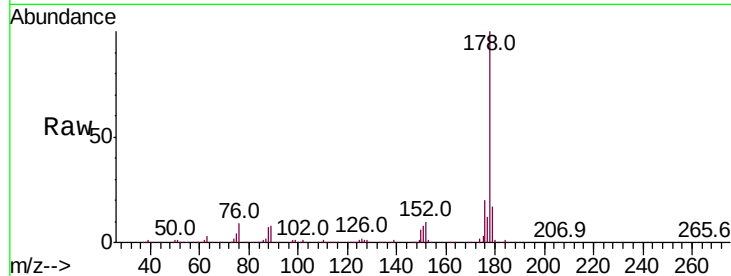
Tot Ion:178 Resp: 922139

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

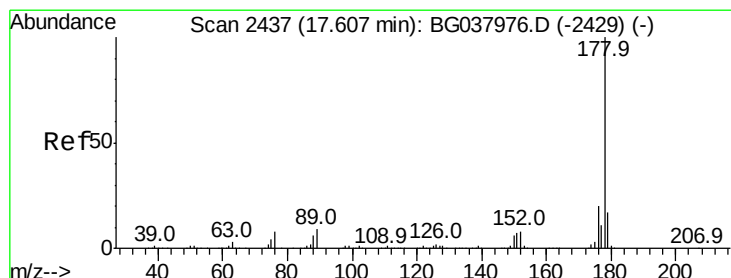
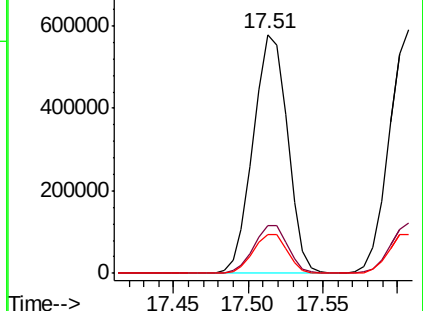
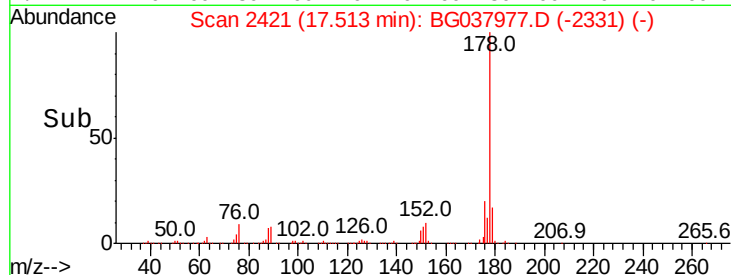
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.931 ng

RT: 17.61 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

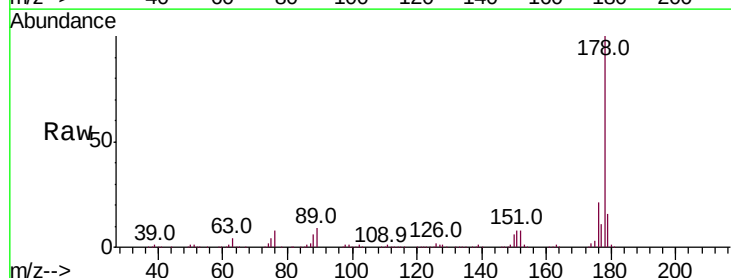
Tgt Ion:178 Resp: 913077

Ion Ratio Lower Upper

178 100

176 20.7 15.0 22.4

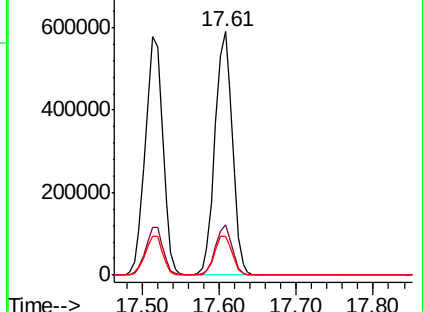
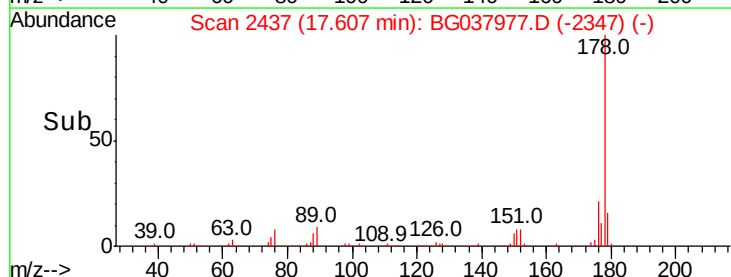
179 16.2 12.8 19.2

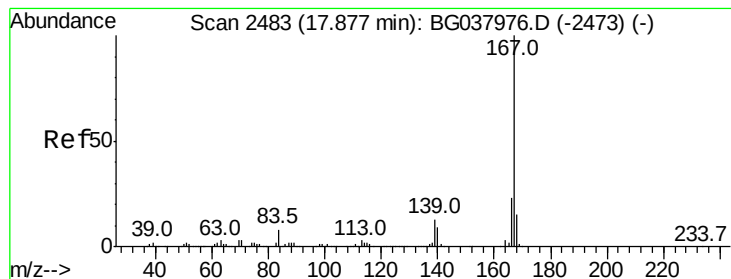


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.910 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

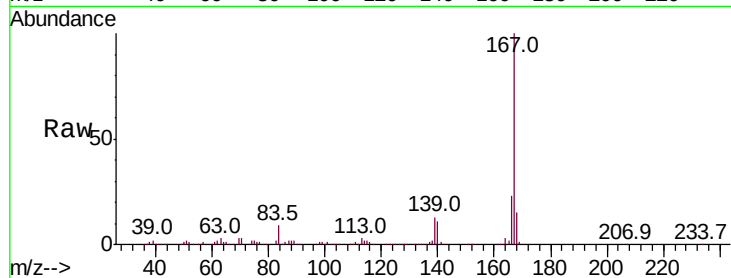
Tot Ion:167 Resp: 931257

Ion Ratio Lower Upper

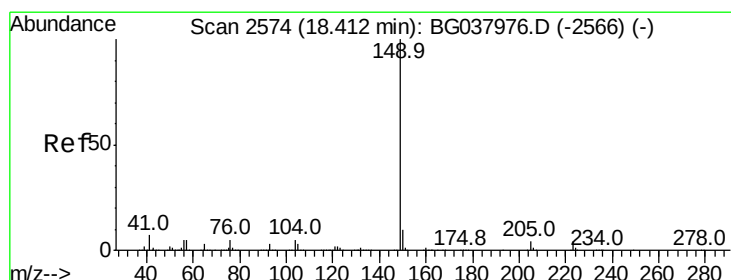
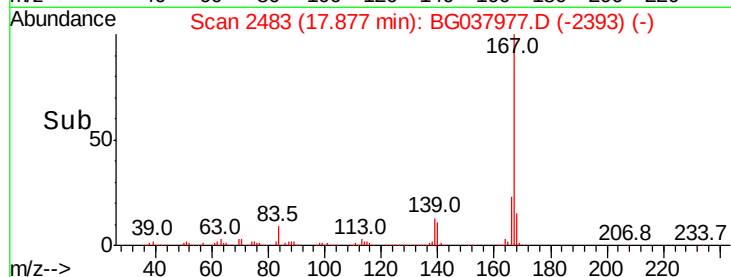
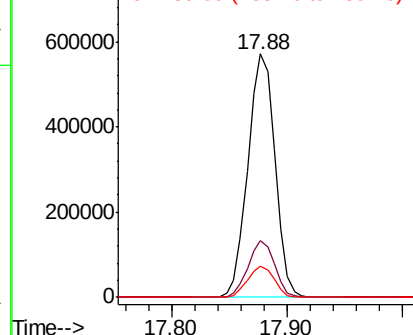
167 100

166 23.3 18.3 27.5

139 12.8 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 51.321 ng

RT: 18.41 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

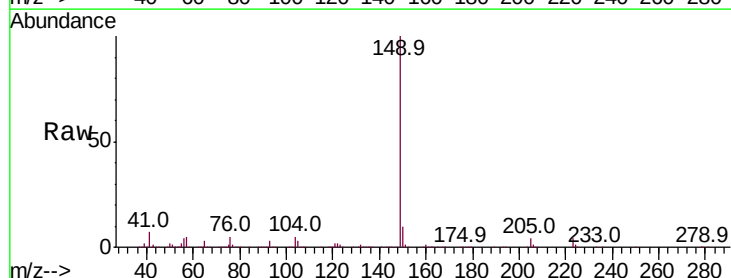
Tgt Ion:149 Resp: 1044313

Ion Ratio Lower Upper

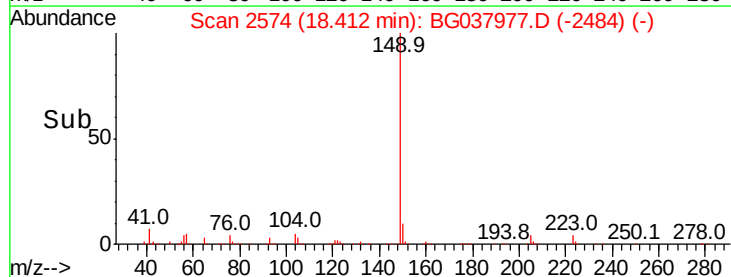
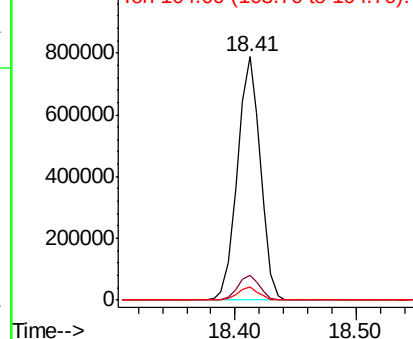
149 100

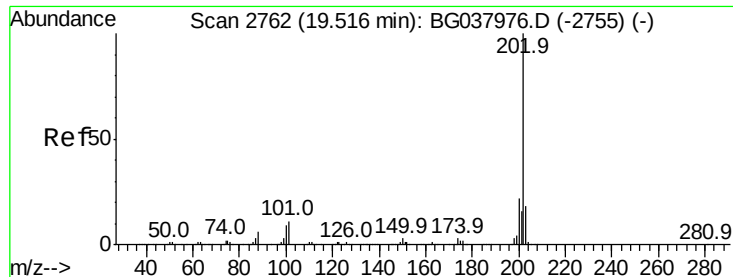
150 9.9 8.2 12.2

104 5.2 4.0 6.0



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





#75

Fluoranthene

Concen: 50.080 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

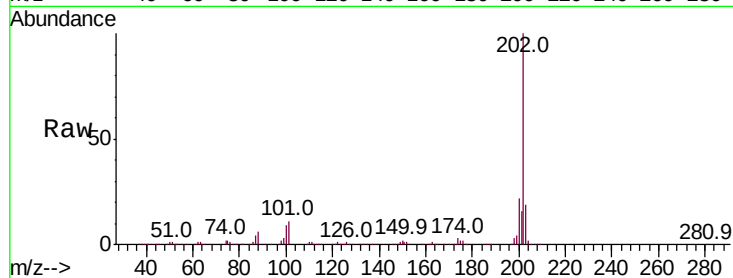
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1058418

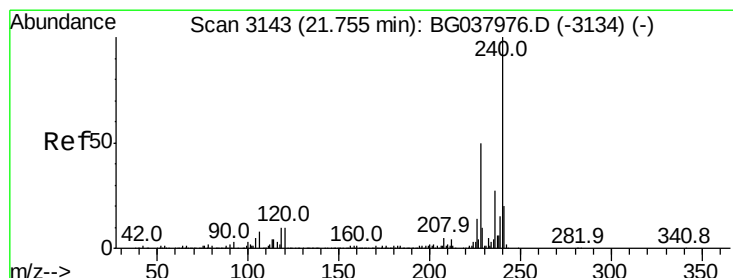
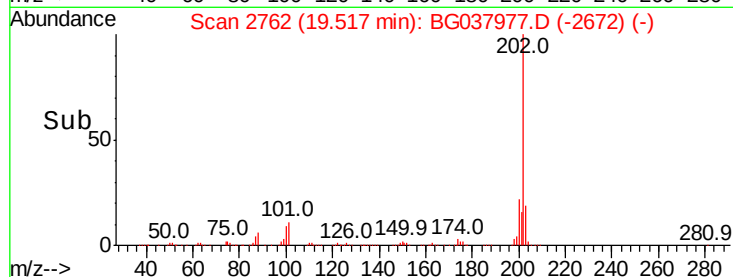
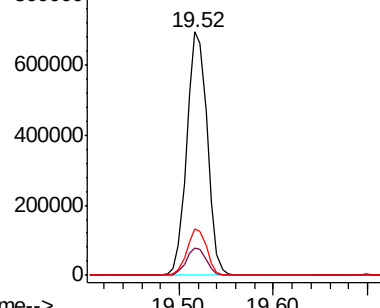
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.7
203	19.2	0.0	38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

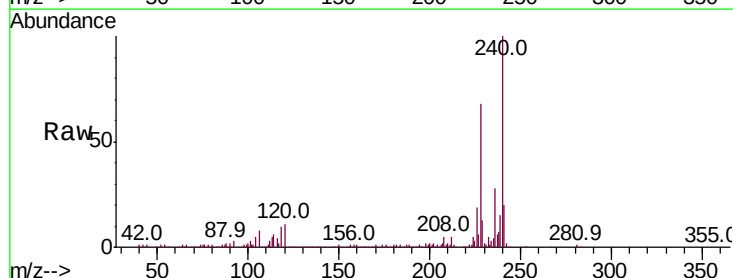
Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Tgt Ion:240 Resp: 333995

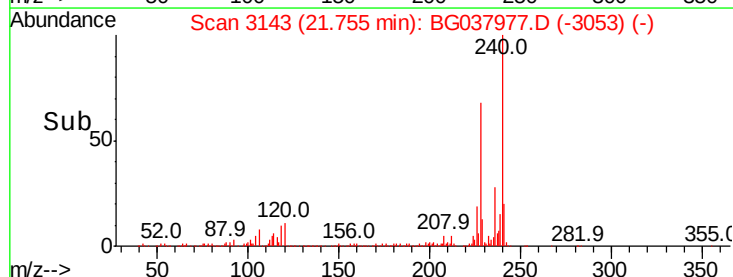
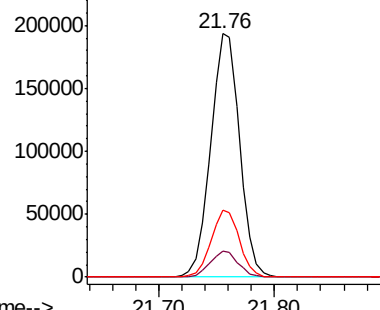
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.1	12.1
236	27.7	21.4	32.0

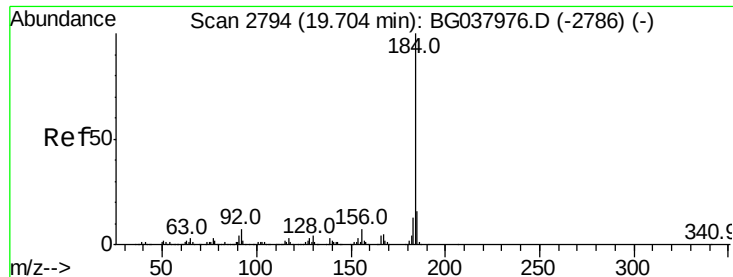


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.772 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampled :

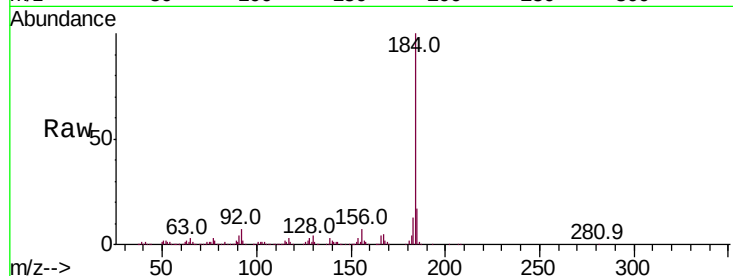
Tot Ion:184 Resp: 622033

Ion Ratio Lower Upper

184 100

185 17.0 12.6 18.8

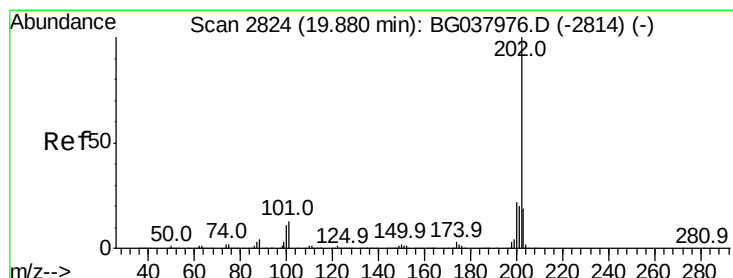
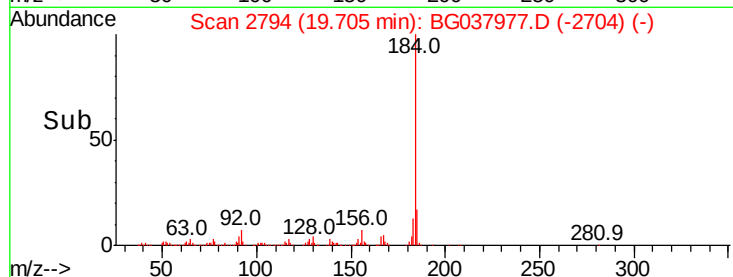
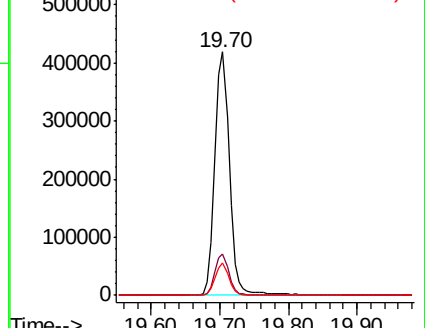
183 13.4 10.2 15.2



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



#78

Pyrene

Concen: 48.918 ng

RT: 19.88 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

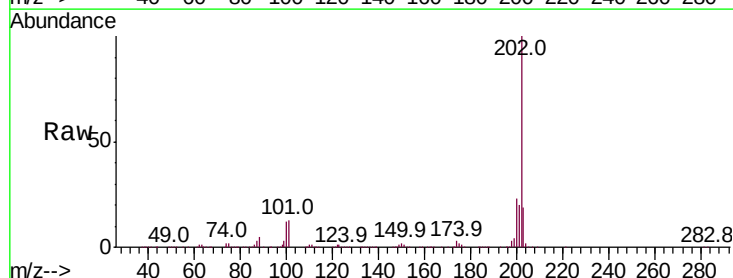
Tgt Ion:202 Resp: 1068073

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

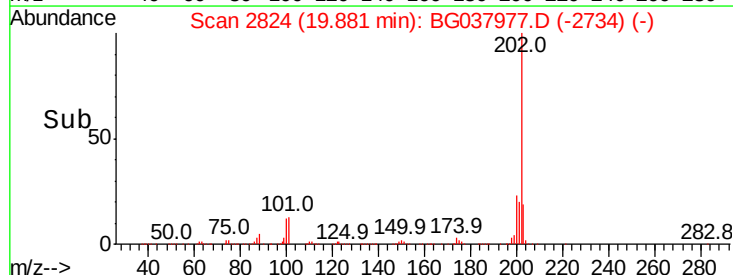
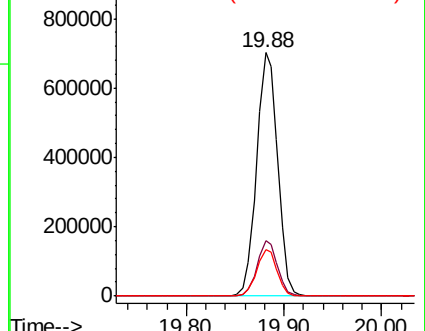
203 18.9 15.2 22.8

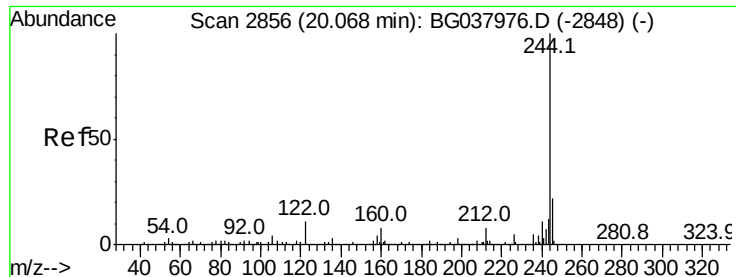


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.312 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

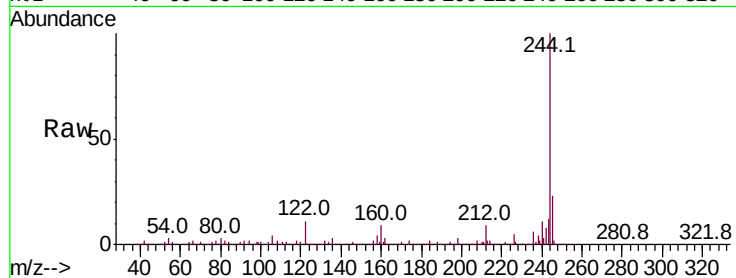
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1380391

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	11.5	9.0	13.4

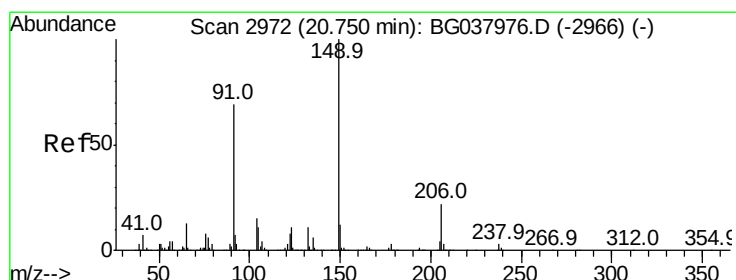
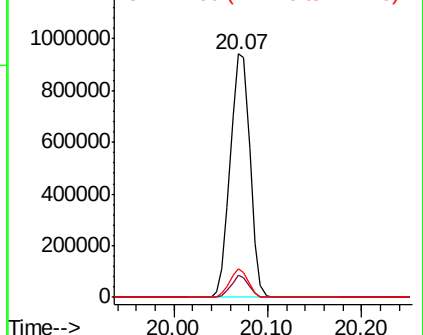
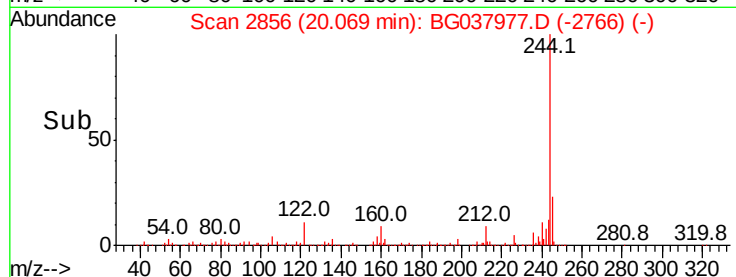


Abundance

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



#80

Butylbenzylphthalate

Concen: 54.198 ng

RT: 20.75 min Scan# 2972

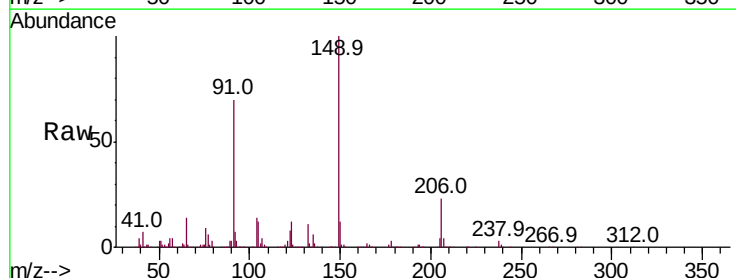
Delta R.T. 0.00 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Tgt Ion:149 Resp: 484299

Ion	Ratio	Lower	Upper
149	100		
91	69.8	57.0	85.4
206	22.7	17.8	26.6

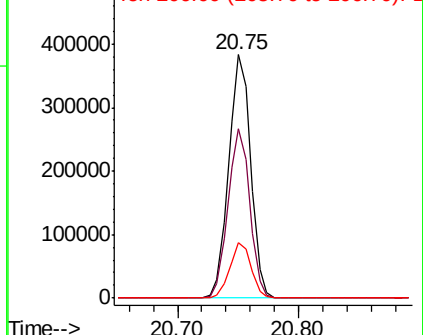
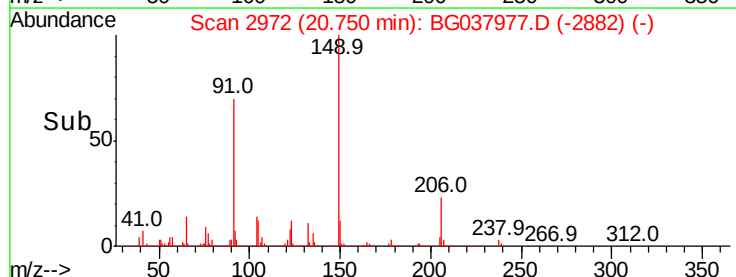


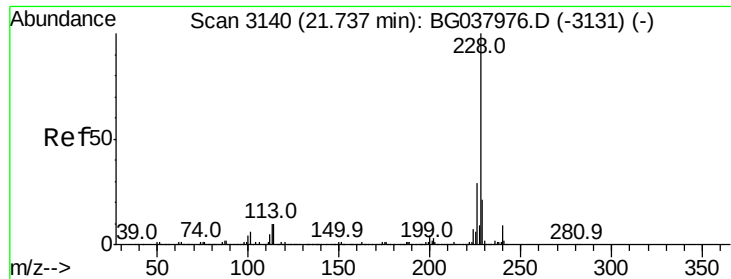
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

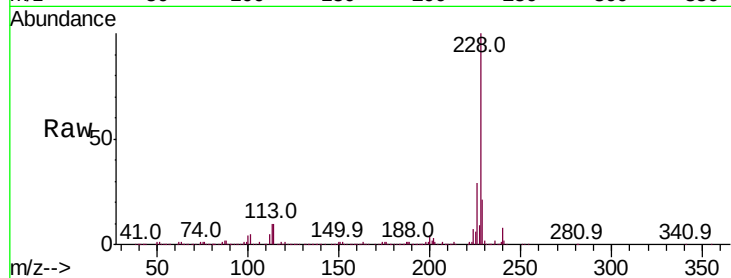




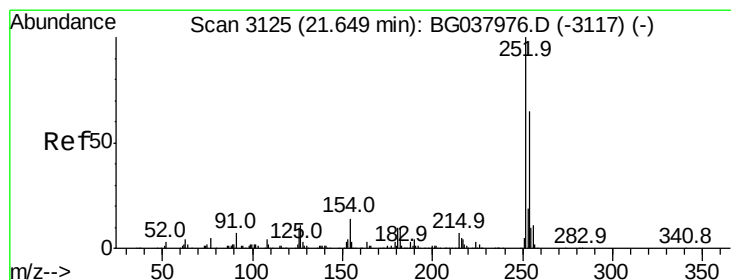
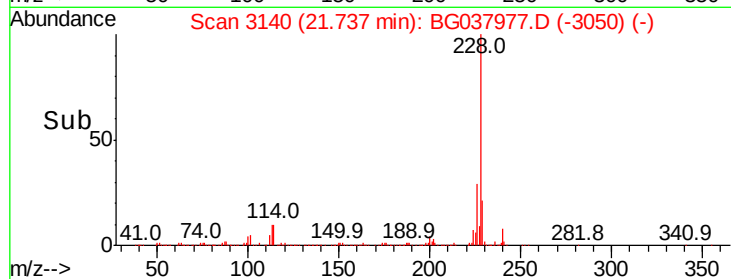
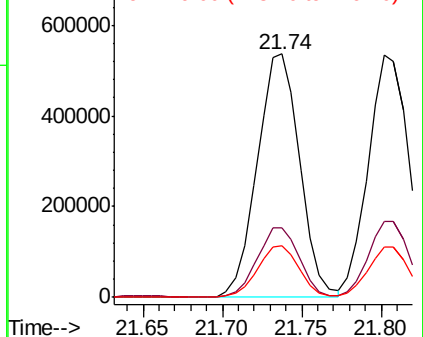
#81
Benzo(a)anthracene
Concen: 50.448 ng
RT: 21.74 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.2	16.3	24.5

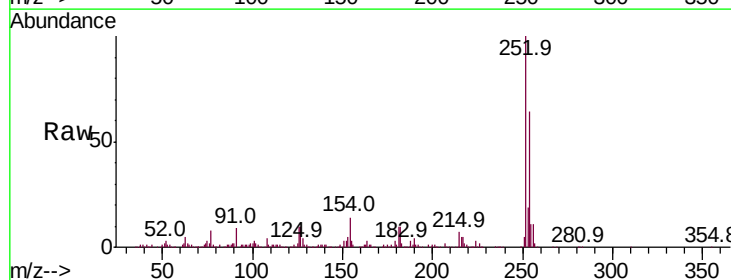


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

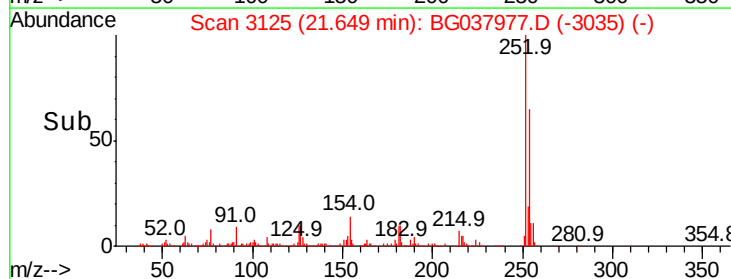
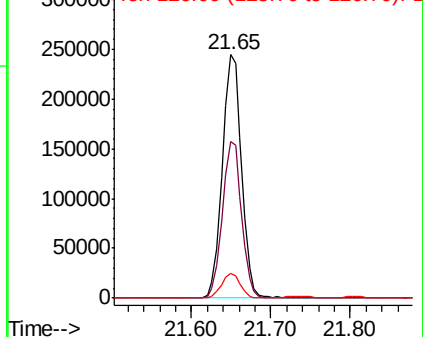


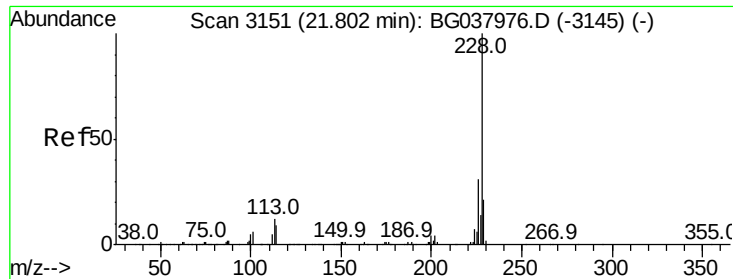
#82
3,3'-Dichlorobenzidine
Concen: 53.294 ng
RT: 21.65 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	10.3	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

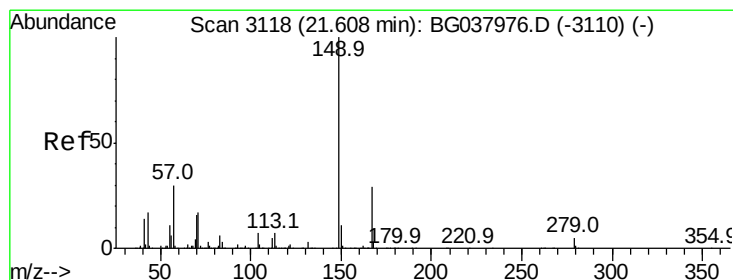
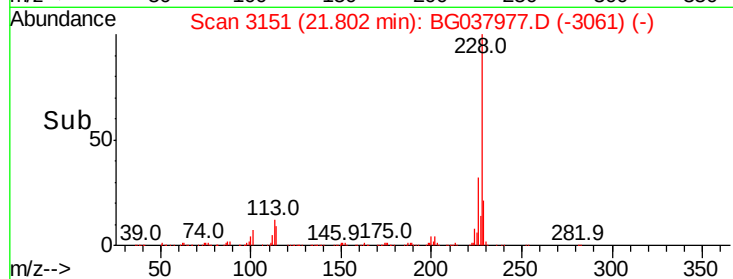
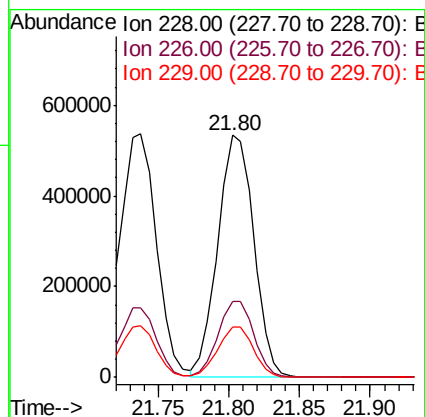
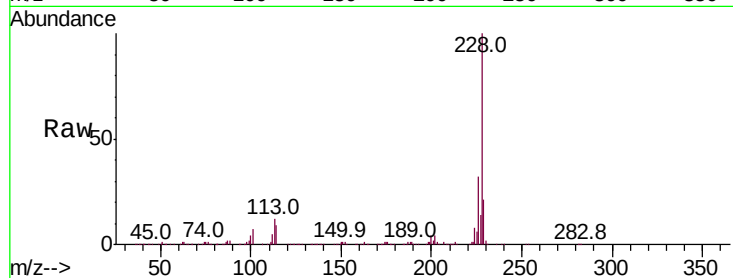




#83
 Chrysene
 Concen: 49.816 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

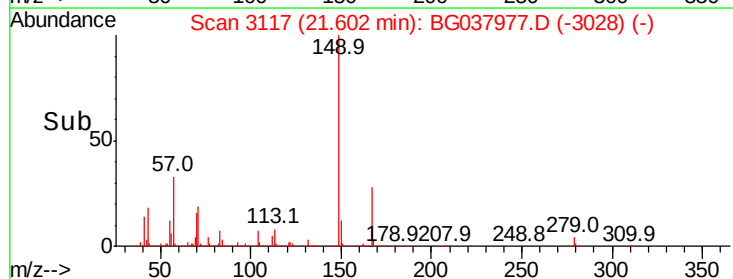
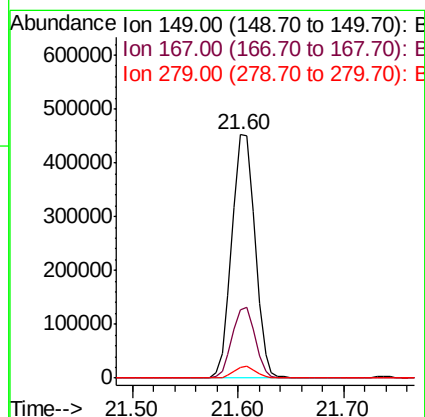
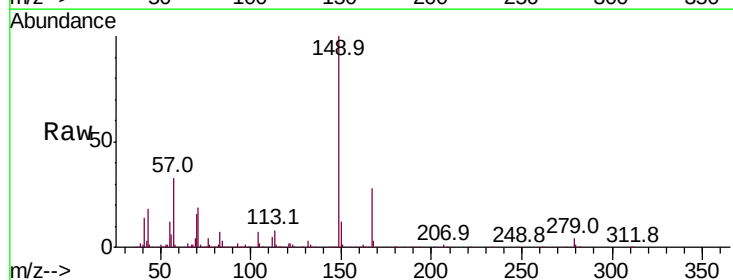
Instrument :
 BNA_G
 ClientSampleId :

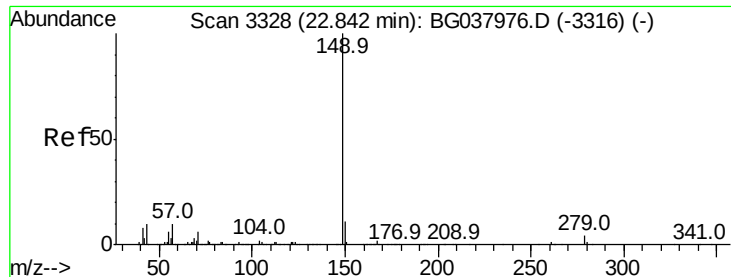
Tot Ion:228 Resp: 946322
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.7 38.5
 229 20.7 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.579 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG037977.D
 Acq: 13 Nov 2018 14:11

Tgt Ion:149 Resp: 683616
 Ion Ratio Lower Upper
 149 100
 167 28.2 23.0 34.4
 279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 55.270 ng

RT: 22.85 min Scan# 3329

Delta R.T. 0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

Instrument :

BNA_G

ClientSampleId :

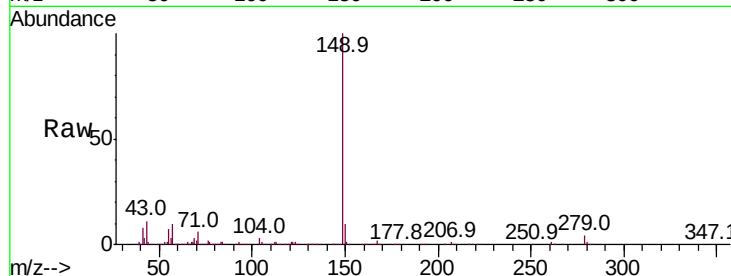
Tot Ion:149 Resp: 1128857

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

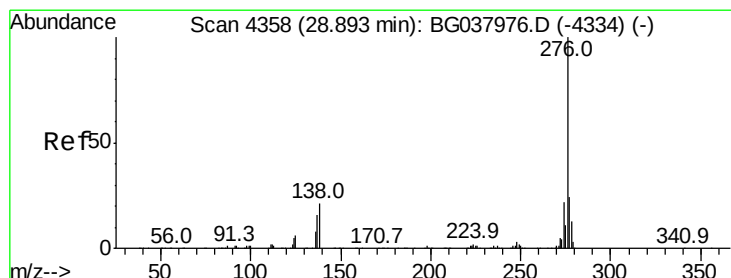
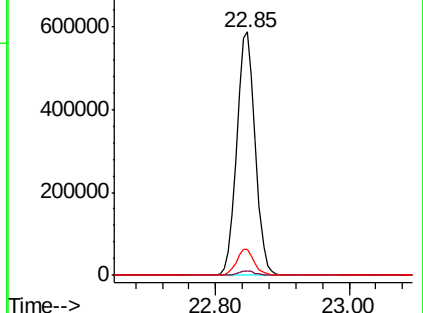
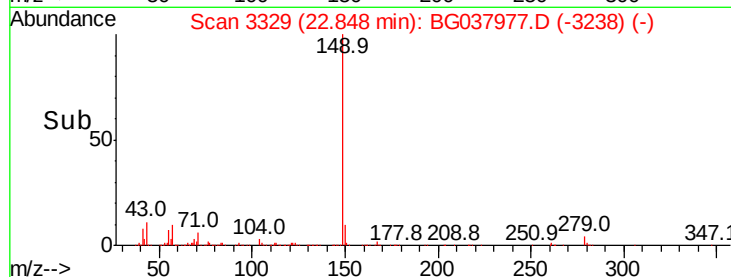
43 10.5 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.768 ng

RT: 28.90 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BG037977.D

Acq: 13 Nov 2018 14:11

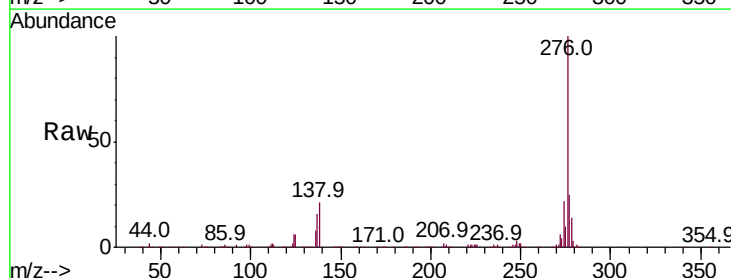
Tgt Ion:276 Resp: 1095506

Ion Ratio Lower Upper

276 100

138 25.8 12.0 18.0#

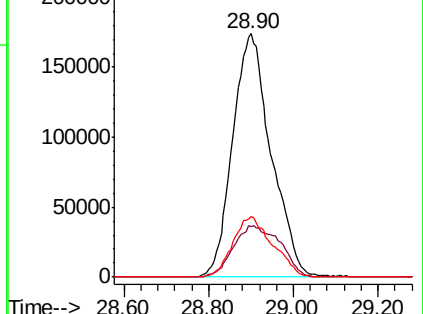
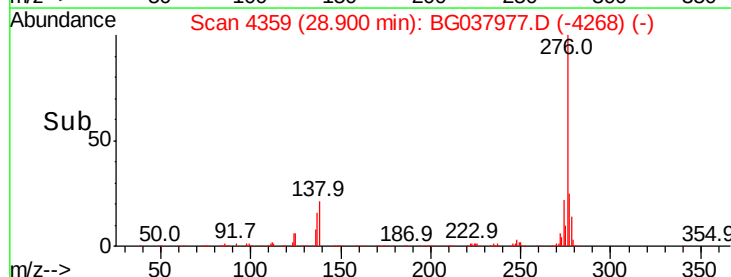
277 25.7 20.6 30.8

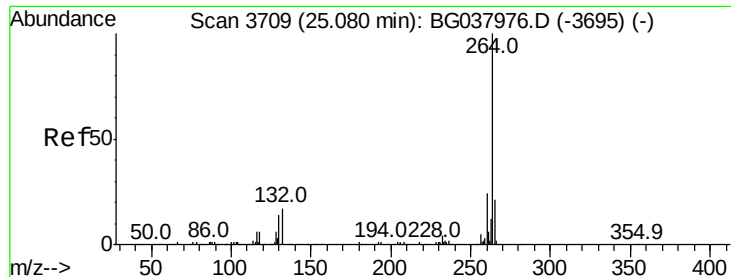


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

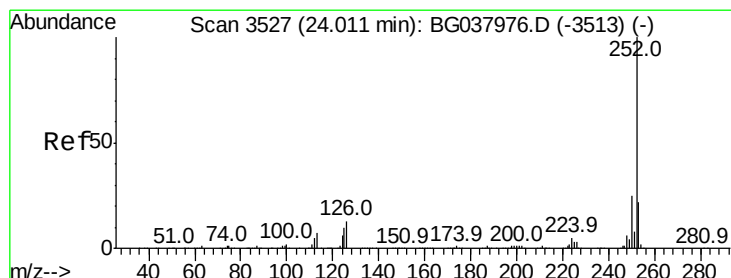
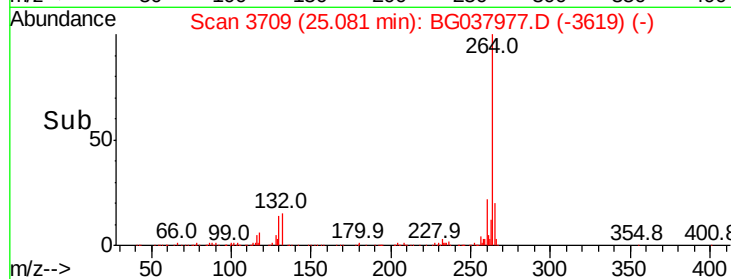
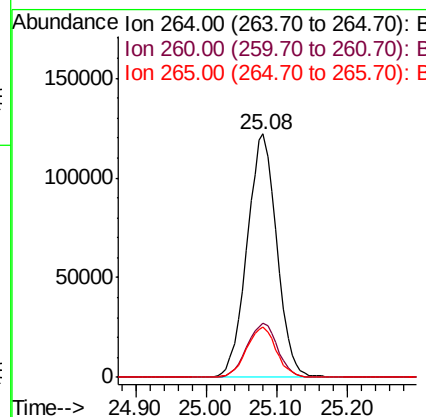
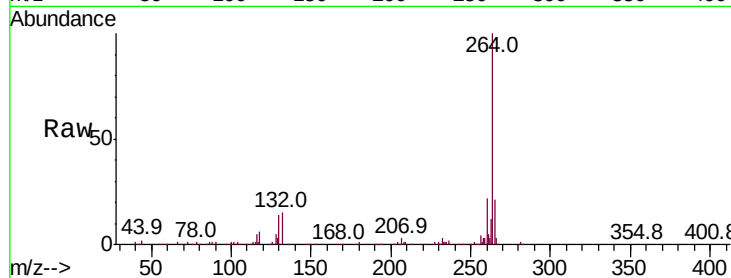




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

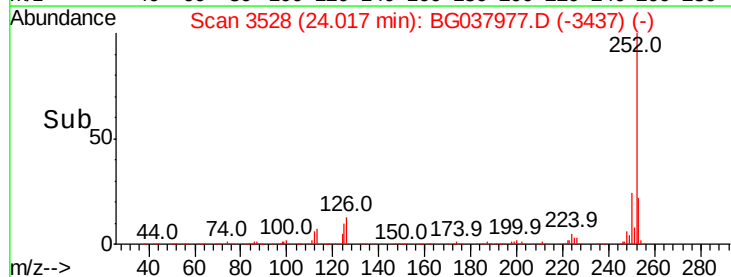
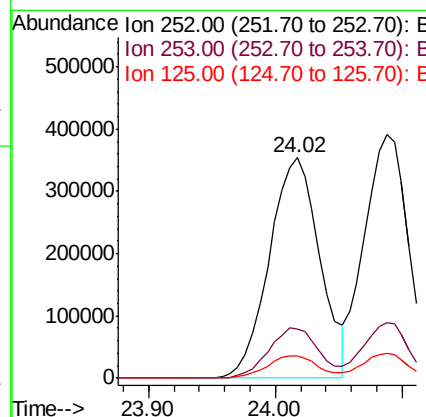
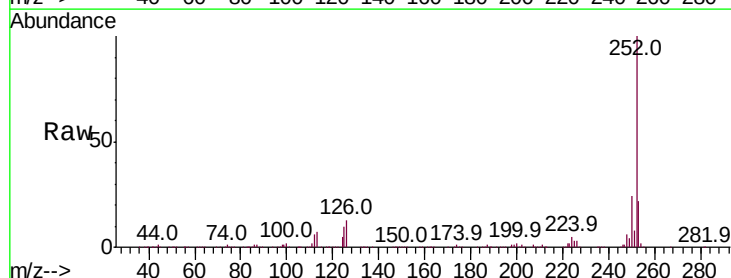
Instrument :
BNA_G
ClientSampleId :

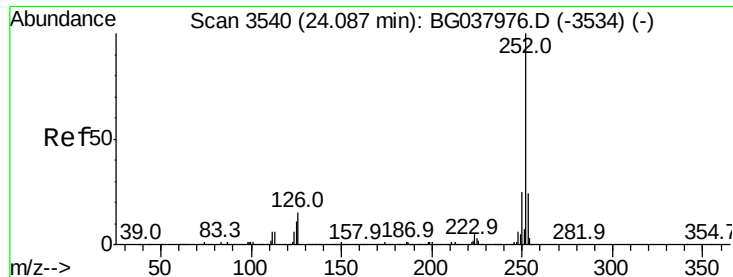
Tot Ion:264 Resp: 357769
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 20.6 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 50.098 ng
RT: 24.02 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:252 Resp: 982627
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.9 7.8 11.6

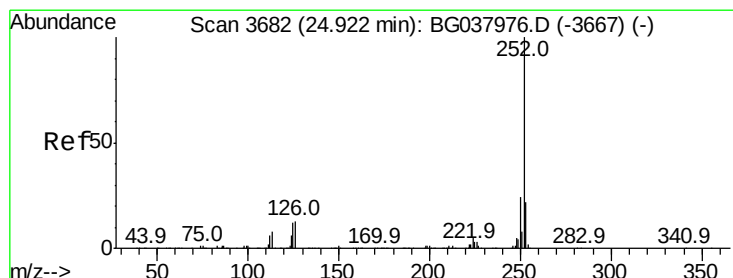
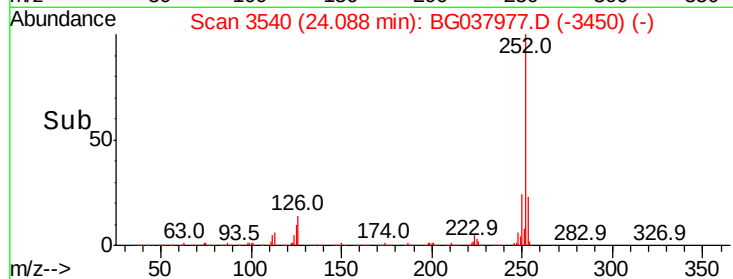
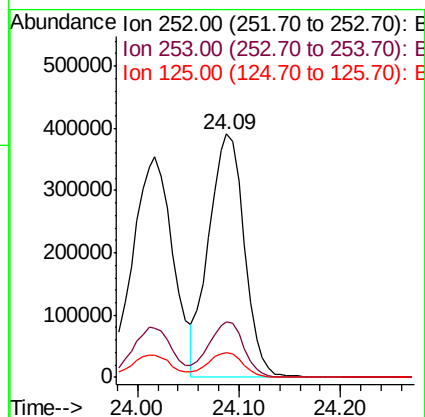
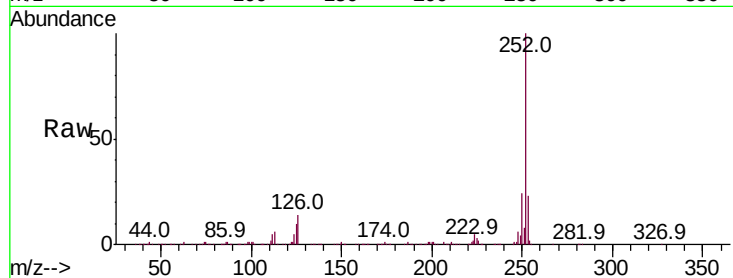




#89
Benzo(k)fluoranthene
Concen: 49.168 ng
RT: 24.09 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

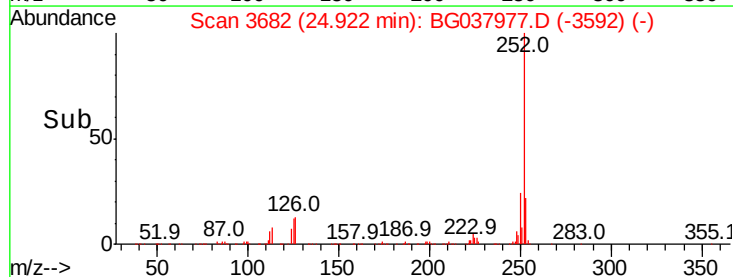
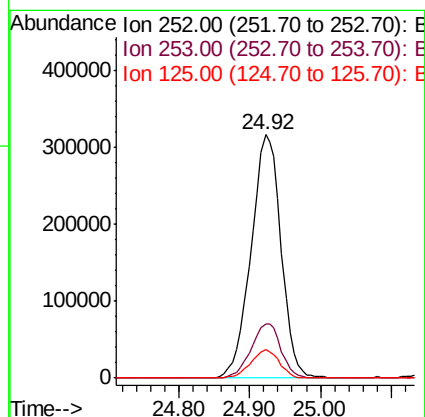
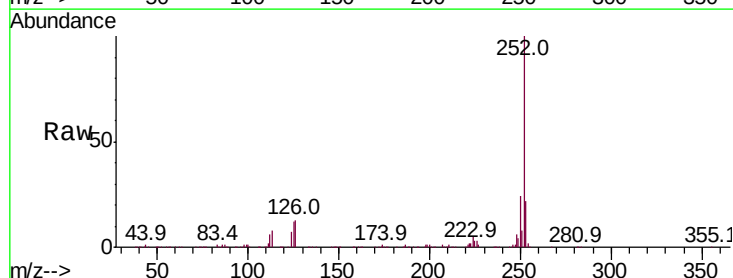
Instrument :
BNA_G
ClientSampleId :

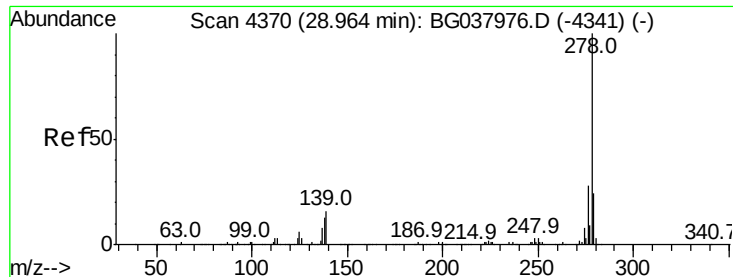
Tot Ion:252 Resp: 944850
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 50.247 ng
RT: 24.92 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion:252 Resp: 936505
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.9 9.0 13.6

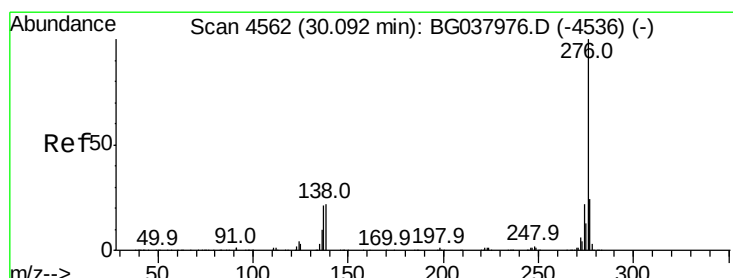
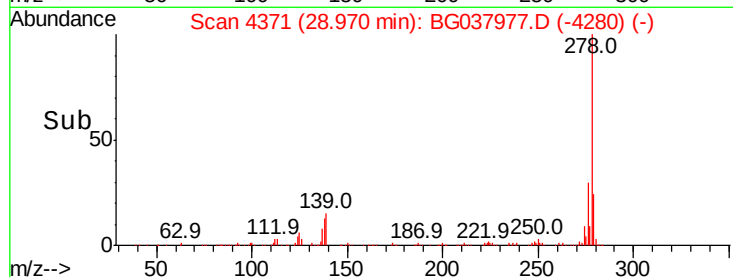
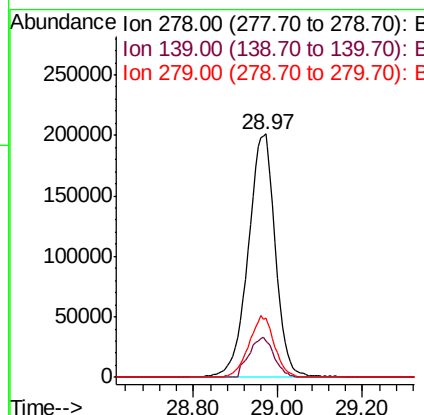
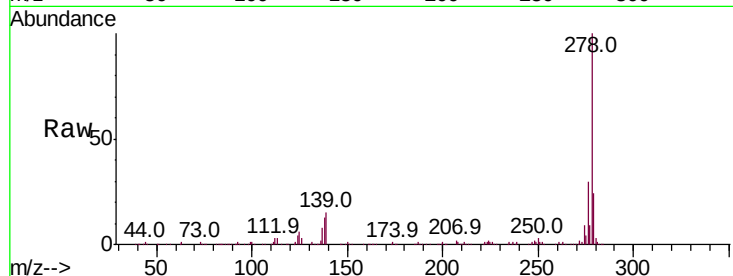




#91
Dibenzo(a,h)anthracene
Concen: 52.592 ng
RT: 28.97 min Scan# 4371
Delta R.T. 0.01 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	24.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 51.594 ng
RT: 30.10 min Scan# 4563
Delta R.T. 0.01 min
Lab File: BG037977.D
Acq: 13 Nov 2018 14:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	23.1	17.2	25.8

