

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037682.D
 Acq On : 31 Oct 2018 13:41
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 18:02:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54515	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	246313	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	159278	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	373966	20.00	ng	0.00
76) Chrysene-d12	21.77	240	336653	20.00	ng	0.00
87) Perylene-d12	25.10	264	343925	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	269207	82.56	ng	0.00
7) Phenol-d6	7.24	99	408583	82.87	ng	0.00
23) Nitrobenzene-d5	9.28	82	373816	85.02	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	150084	86.39	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	877875	83.11	ng	0.00
79) Terphenyl-d14	20.08	244	1304328	82.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	64142	38.789	ng	98
3) Pyridine	3.93	79	167015	40.072	ng	93
4) n-Nitrosodimethylamine	3.85	42	60092	40.479	ng	92
6) Aniline	7.42	93	247561	41.157	ng	100
8) 2-Chlorophenol	7.66	128	158391	41.522	ng	98
9) Benzaldehyde	7.24	77	114070	36.984	ng	95
10) Phenol	7.27	94	217286	41.767	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	161029	40.754	ng	94
12) 1,3-Dichlorobenzene	7.99	146	169628	39.944	ng	98
13) 1,4-Dichlorobenzene	8.13	146	174473	40.165	ng	99
14) 1,2-Dichlorobenzene	8.46	146	167070	39.982	ng	96
15) Benzyl Alcohol	8.34	79	150111	41.202	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	285798	40.425	ng	97
17) 2-Methylphenol	8.53	107	139629	40.597	ng	97
18) Hexachloroethane	9.18	117	59731	40.333	ng	98
19) n-Nitroso-di-n-propylamine	8.90	70	136005	40.057	ng	94
20) 3+4-Methylphenols	8.86	107	204582	41.604	ng	98
22) Acetophenone	8.93	105	256642	41.545	ng	99
24) Nitrobenzene	9.32	77	195199	42.734	ng	94
25) Isophorone	9.83	82	331267	41.233	ng	97
26) 2-Nitrophenol	10.03	139	94892	46.114	ng	96
27) 2,4-Dimethylphenol	10.07	122	152509	41.510	ng	96
28) bis(2-Chloroethoxy)methane	10.31	93	215115	40.868	ng	98
29) 2,4-Dichlorophenol	10.56	162	173689	42.459	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	182793	41.090	ng	97
31) Naphthalene	10.97	128	499637	41.298	ng	99
32) Benzoic acid	10.20	122	112806	47.271	ng	98
33) 4-Chloroaniline	11.08	127	242731	42.701	ng	96
34) Hexachlorobutadiene	11.24	225	110067	41.747	ng	99
35) Caprolactam	11.87	113	67753	41.297	ng	97
36) 4-Chloro-3-methylphenol	12.18	107	193239	41.886	ng	98
37) 2-Methylnaphthalene	12.57	142	359107	40.719	ng	99
38) 1-Methylnaphthalene	12.79	142	348701	40.714	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	215610	41.967	ng	99

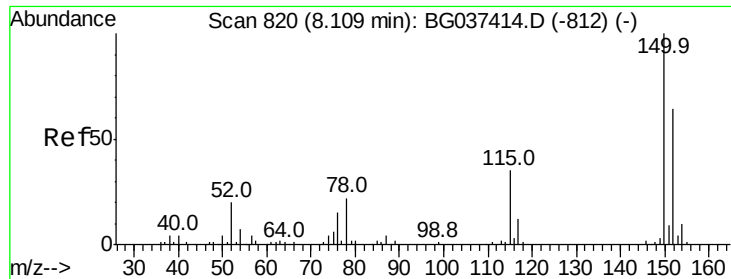
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037682.D
 Acq On : 31 Oct 2018 13:41
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 31 18:02:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	99851	40.688	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	148262	43.196	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	160952	43.070	ng	98
46) 1,1'-Biphenyl	13.57	154	548270	41.564	ng	100
47) 2-Chloronaphthalene	13.62	162	417867	41.872	ng	98
48) 2-Nitroaniline	13.82	65	134747	44.525	ng	97
49) Acenaphthylene	14.46	152	632977	42.165	ng	99
50) Dimethylphthalate	14.18	163	510030	41.392	ng	99
51) 2,6-Dinitrotoluene	14.32	165	117920	43.259	ng	92
52) Acenaphthene	14.80	154	382047	41.323	ng	99
53) 3-Nitroaniline	14.64	138	132611	43.822	ng	# 94
54) 2,4-Dinitrophenol	14.85	184	28087	37.157	ng	96
55) Dibenzofuran	15.13	168	633111	41.331	ng	99
56) 4-Nitrophenol	14.93	139	87645	39.129	ng	96
57) 2,4-Dinitrotoluene	15.10	165	161319	45.084	ng	93
58) Fluorene	15.78	166	474300	41.348	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	134058	41.898	ng	99
60) Diethylphthalate	15.54	149	520655	41.157	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	276488	41.353	ng	98
62) 4-Nitroaniline	15.81	138	128923	42.875	ng	93
63) Azobenzene	16.06	77	498431	41.295	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	76116	40.420	ng	99
66) n-Nitrosodiphenylamine	15.98	169	465530	41.384	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	171917	41.862	ng	98
68) Hexachlorobenzene	16.77	284	173189	40.690	ng	99
69) Atrazine	16.92	200	165078	40.589	ng	99
70) Pentachlorophenol	17.12	266	111938	39.263	ng	96
71) Phenanthrene	17.52	178	777750	40.921	ng	100
72) Anthracene	17.62	178	771832	41.381	ng	99
73) Carbazole	17.89	167	770941	41.321	ng	99
74) Di-n-butylphthalate	18.42	149	880074	42.404	ng	99
75) Fluoranthene	19.53	202	876957	40.682	ng	99
77) Benzidine	19.71	184	383313	33.486	ng	100
78) Pyrene	19.89	202	898325	40.819	ng	100
80) Butylbenzylphthalate	20.76	149	389889	43.288	ng	98
81) Benzo(a)anthracene	21.75	228	815533	40.955	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	314604	40.761	ng	99
83) Chrysene	21.81	228	779866	40.729	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	547587	43.373	ng	100
85) Di-n-octyl phthalate	22.86	149	910080	44.206	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	744121	36.233	ng	97
88) Benzo(b)fluoranthene	24.03	252	779038	41.317	ng	98
89) Benzo(k)fluoranthene	24.10	252	777219	42.073	ng	99
90) Benzo(a)pyrene	24.94	252	740723	41.342	ng	99
91) Dibenzo(a,h)anthracene	28.99	278	586069	35.461	ng	96
92) Benzo(g,h,i)perylene	30.13	276	589997	35.286	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

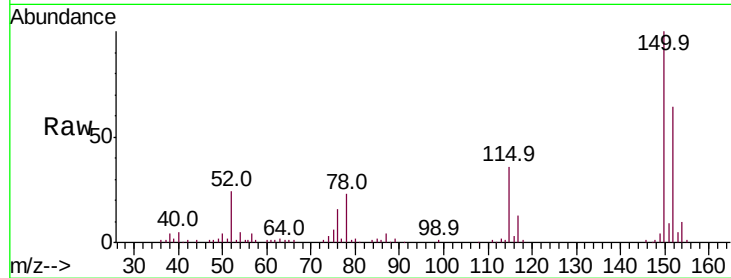
Tot Ion:152 Resp: 54515

Ion Ratio Lower Upper

152 100

150 157.2 126.0 189.0

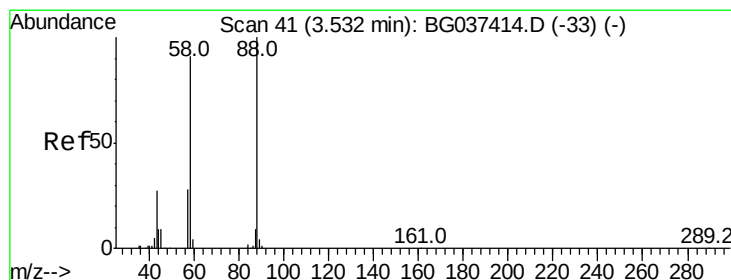
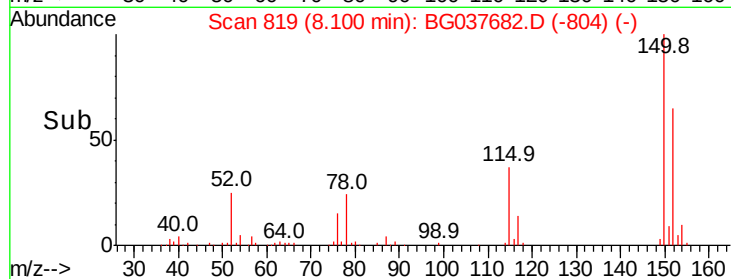
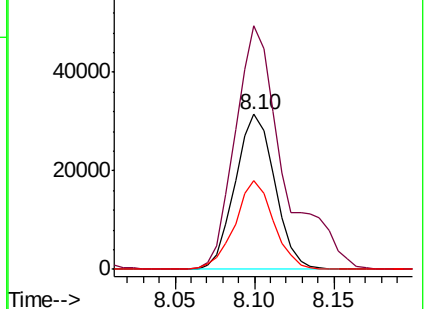
115 57.2 45.5 68.3



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



#2

1,4-Dioxane

Concen: 38.789 ng

RT: 3.53 min Scan# 41

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

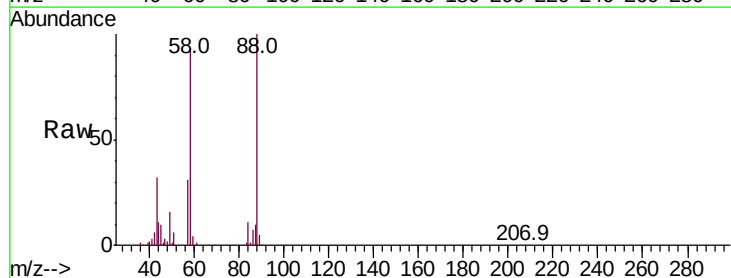
Tgt Ion: 88 Resp: 64142

Ion Ratio Lower Upper

88 100

58 90.9 74.4 111.6

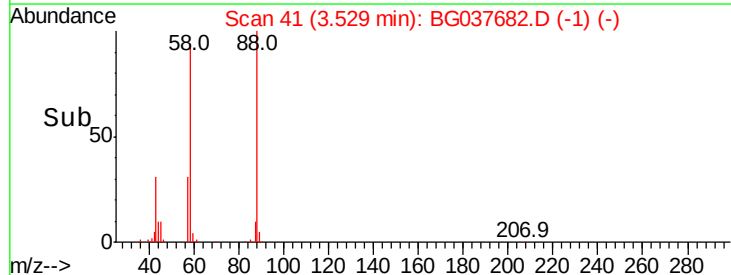
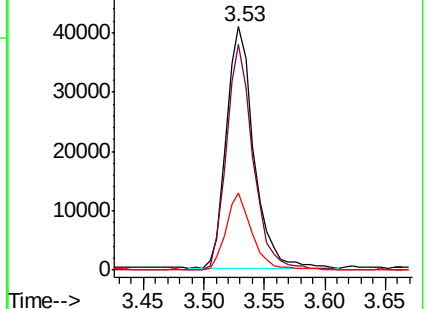
43 30.5 25.8 38.8

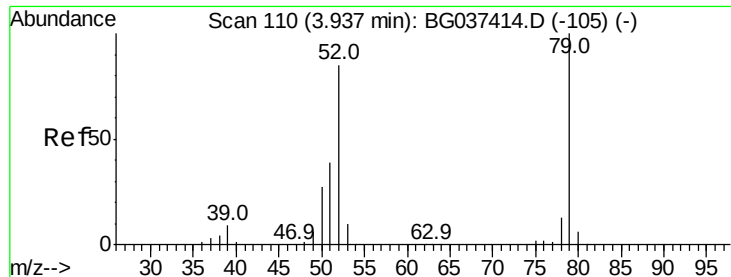


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.072 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

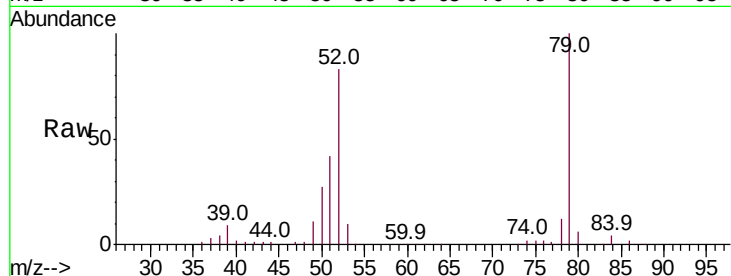
Tot Ion: 79 Resp: 167015

Ion Ratio Lower Upper

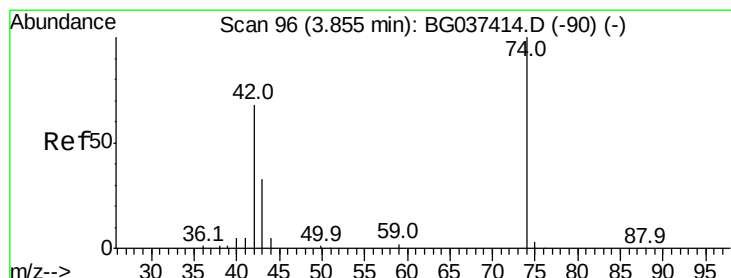
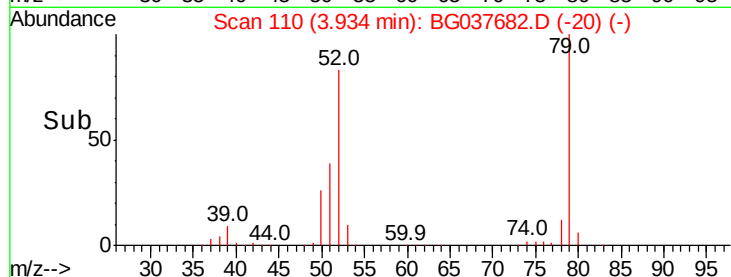
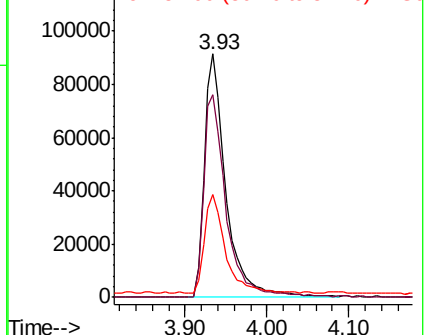
79 100

52 83.3 74.2 111.2

51 42.3 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 40.479 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

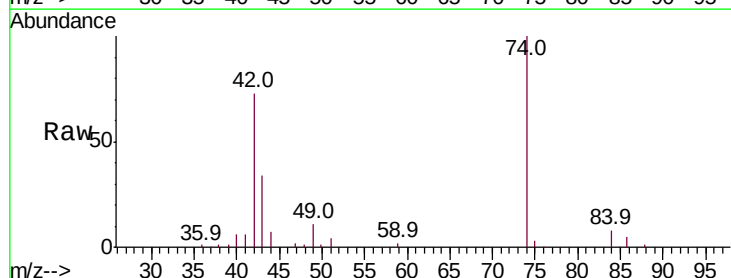
Tgt Ion: 42 Resp: 60092

Ion Ratio Lower Upper

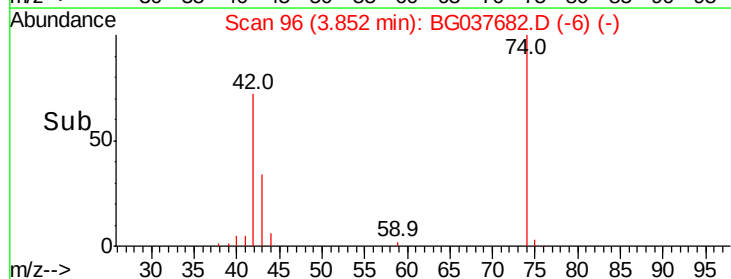
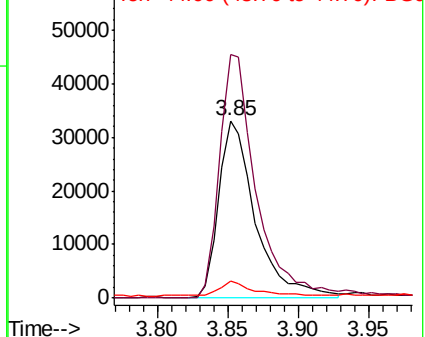
42 100

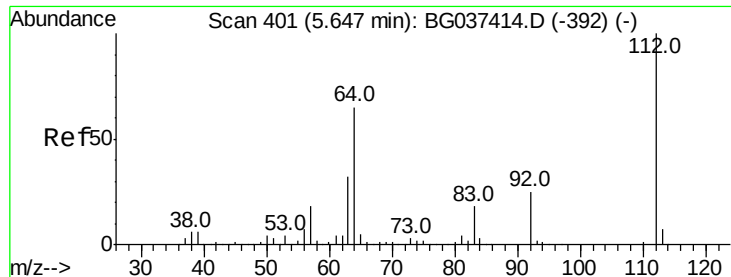
74 137.1 102.0 153.0

44 9.6 9.6 14.4



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





#5

2-Fluorophenol

Concen: 82.560 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampled :

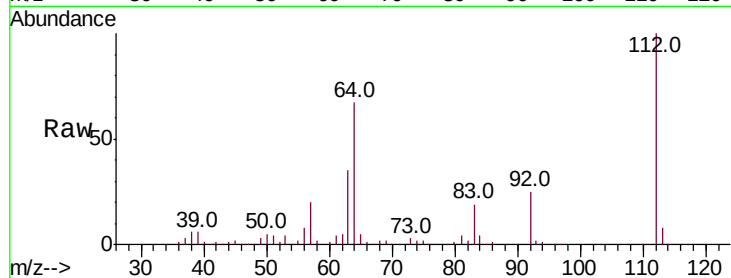
Tot Ion:112 Resp: 269207

Ion Ratio Lower Upper

112 100

64 67.0 53.1 79.7

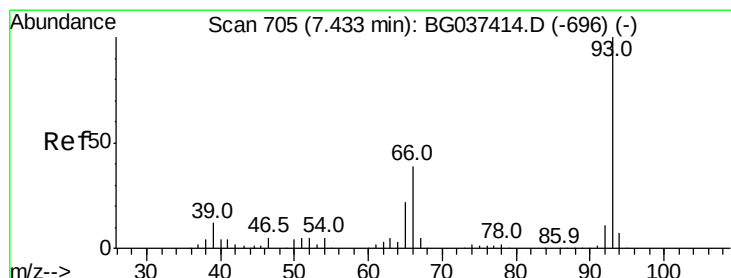
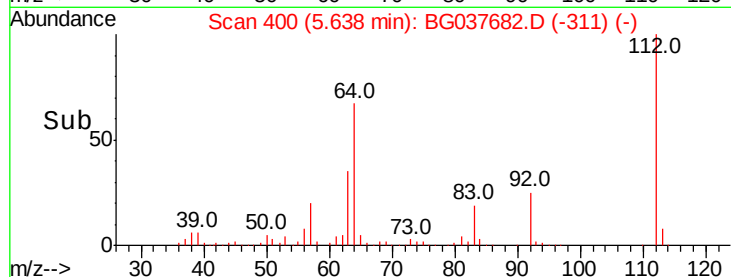
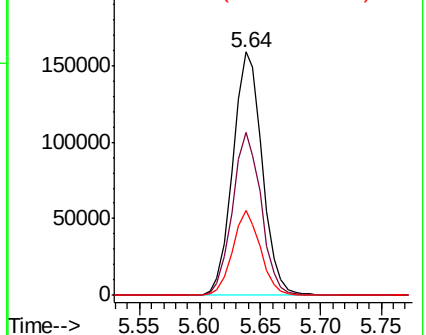
63 34.9 27.3 40.9



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: 41.157 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

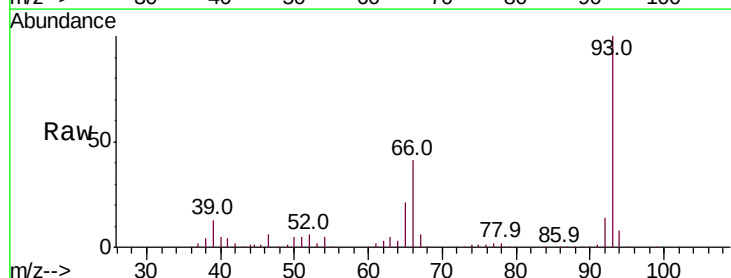
Tgt Ion: 93 Resp: 247561

Ion Ratio Lower Upper

93 100

66 41.1 32.8 49.2

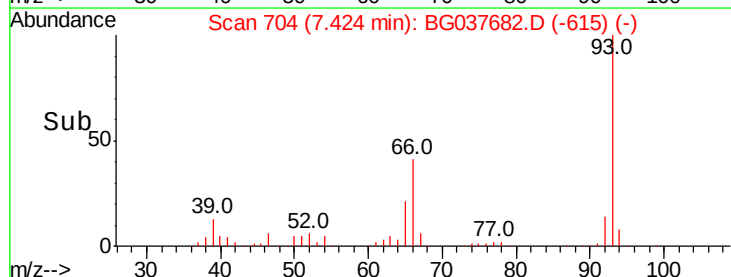
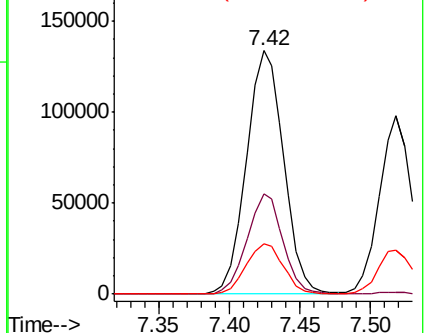
65 20.9 16.4 24.6

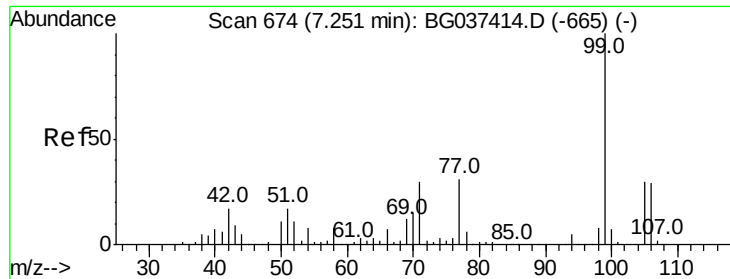


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.866 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

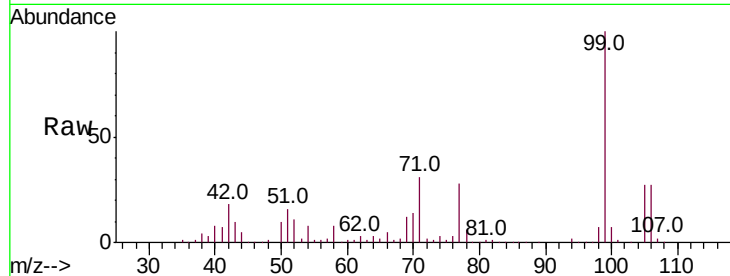
Tot Ion: 99 Resp: 408583

Ion Ratio Lower Upper

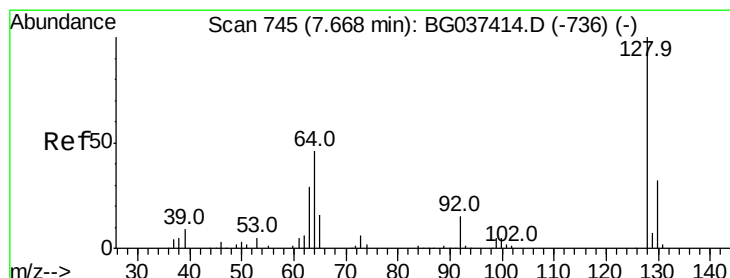
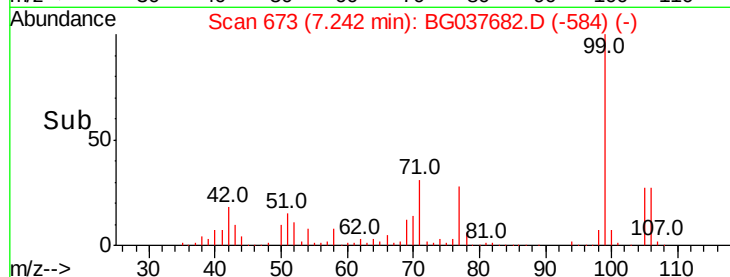
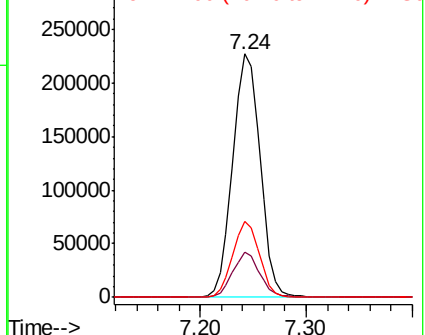
99 100

42 18.4 15.0 22.4

71 31.2 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: 41.522 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

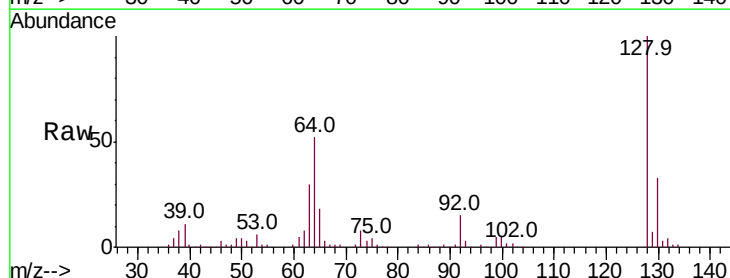
Tgt Ion: 128 Resp: 158391

Ion Ratio Lower Upper

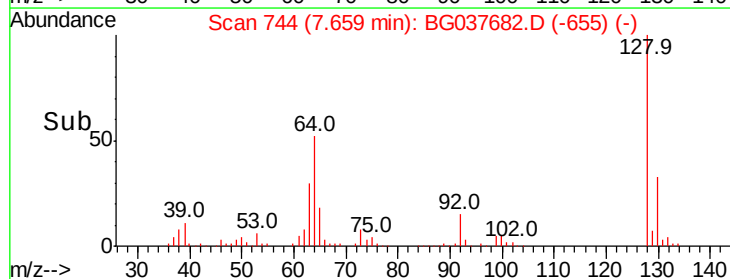
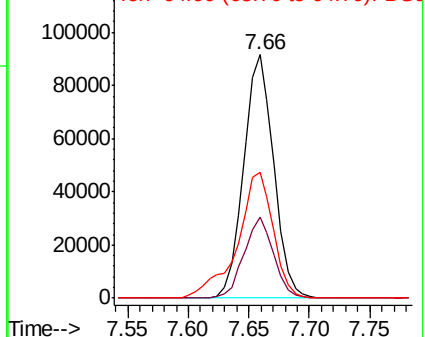
128 100

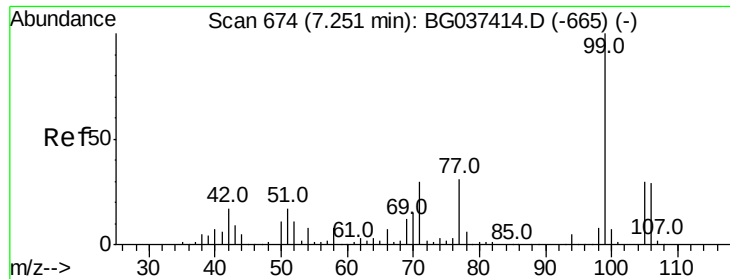
130 33.2 12.0 52.0

64 51.7 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: 36.984 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampled :

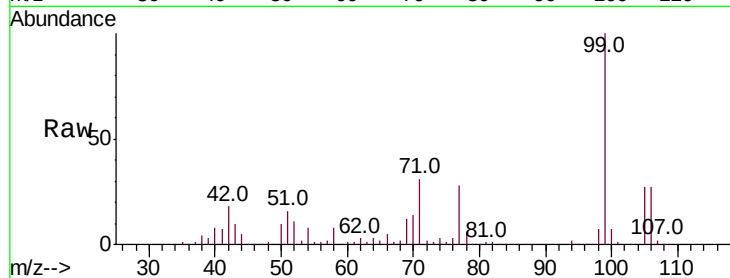
Tot Ion: 77 Resp: 114070

Ion Ratio Lower Upper

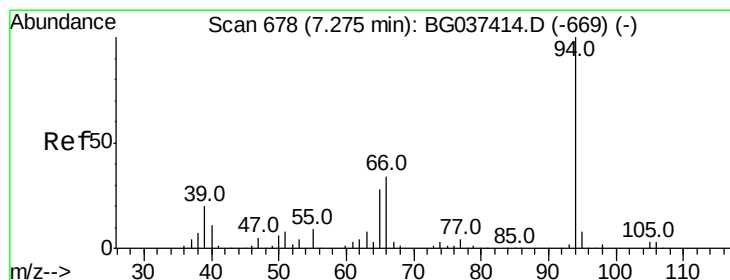
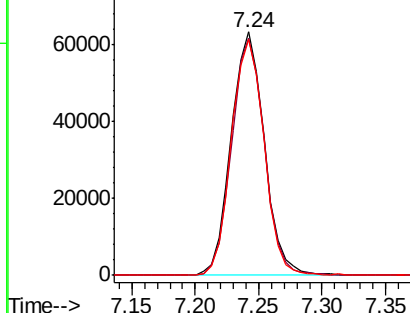
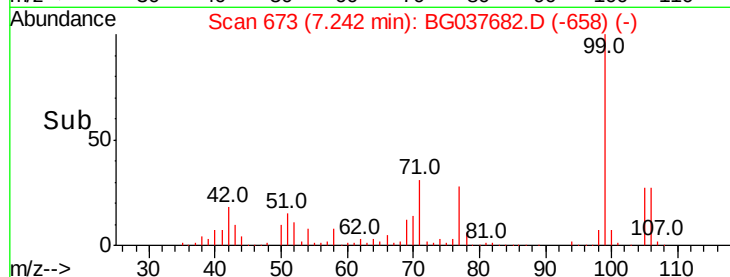
77 100

105 97.2 72.6 112.6

106 97.0 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: 41.767 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

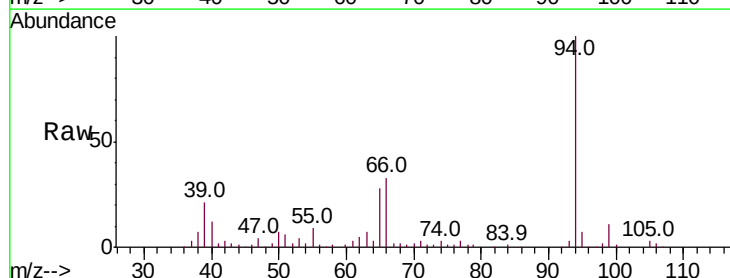
Tgt Ion: 94 Resp: 217286

Ion Ratio Lower Upper

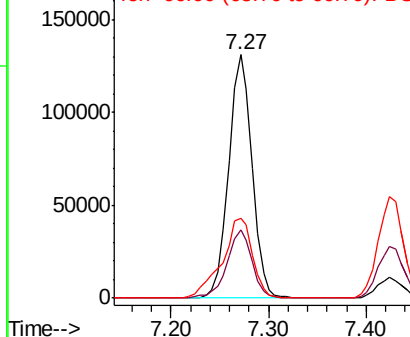
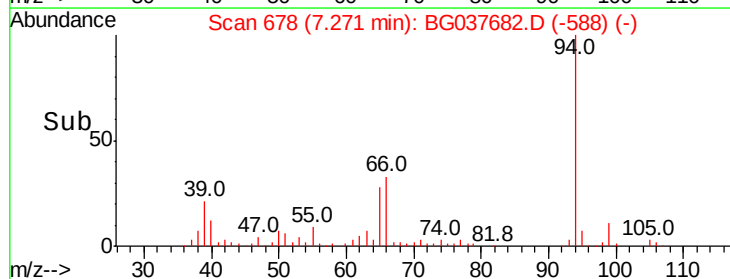
94 100

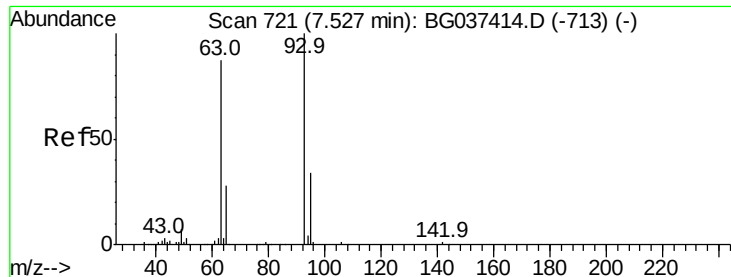
65 28.0 9.7 49.7

66 33.0 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

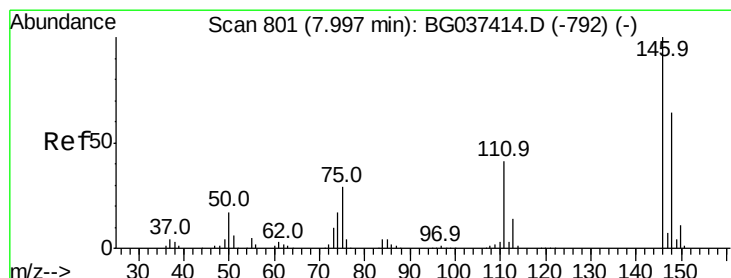
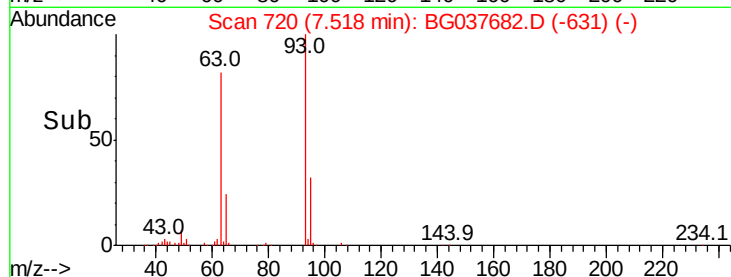
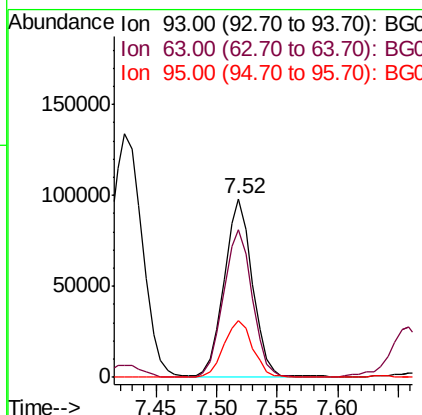
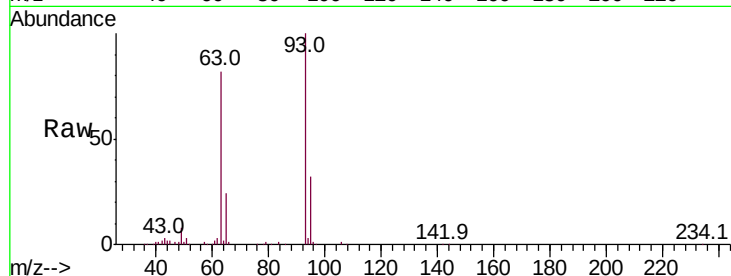




#11
 bis(2-Chloroethyl)ether
 Concen: 40.754 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

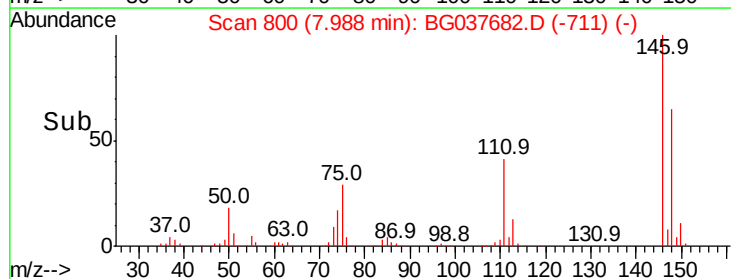
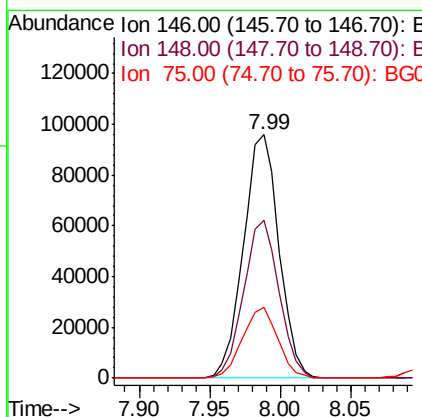
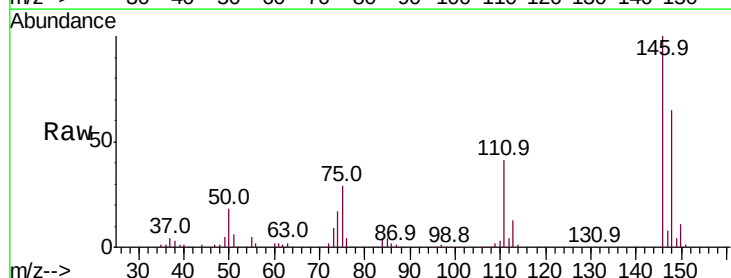
Instrument :
 BNA_G
 ClientSampleId :

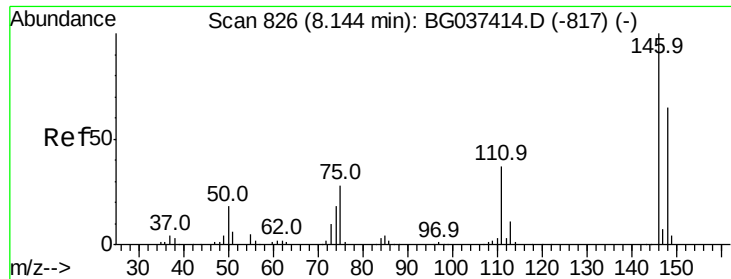
Tot Ion: 93 Resp: 161029
 Ion Ratio Lower Upper
 93 100
 63 82.3 69.5 109.5
 95 31.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.944 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion: 146 Resp: 169628
 Ion Ratio Lower Upper
 146 100
 148 64.9 49.8 74.8
 75 29.2 23.2 34.8

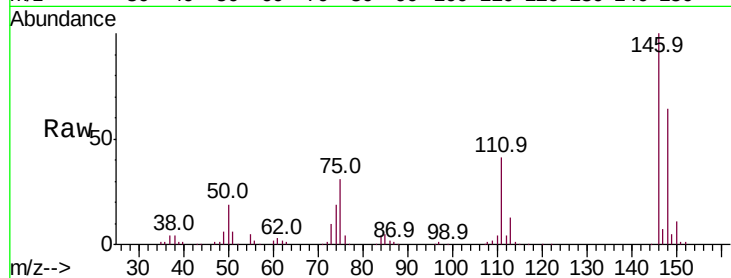




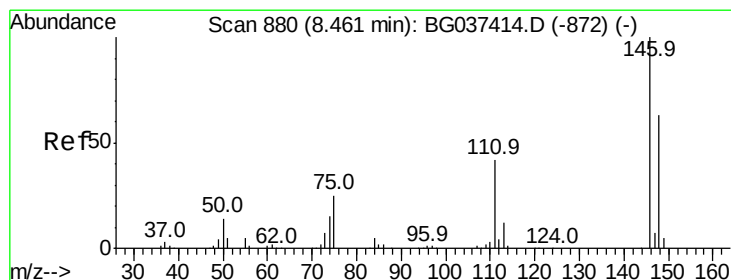
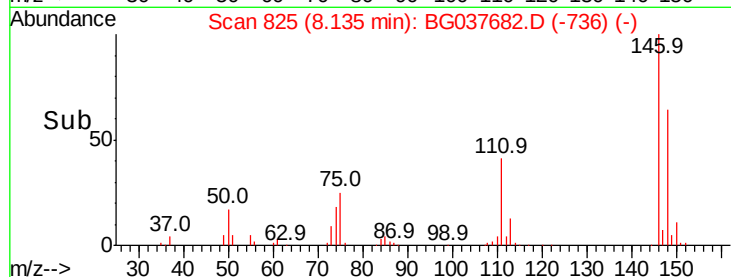
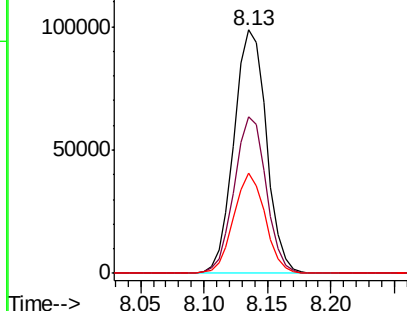
#13
 1,4-Dichlorobenzene
 Concen: 40.165 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 174473
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.0 76.6
 111 40.9 32.4 48.6

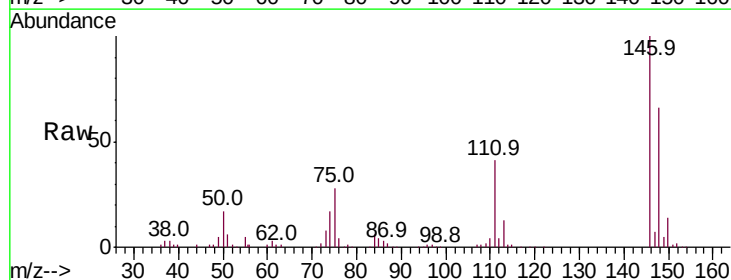


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

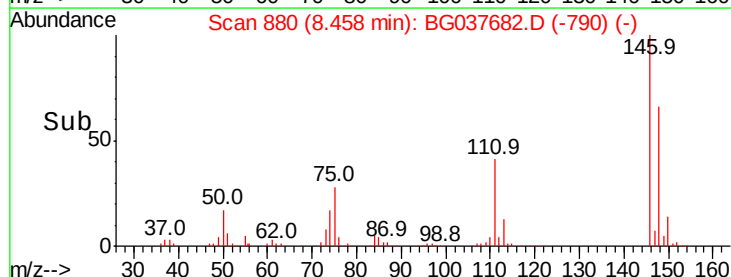
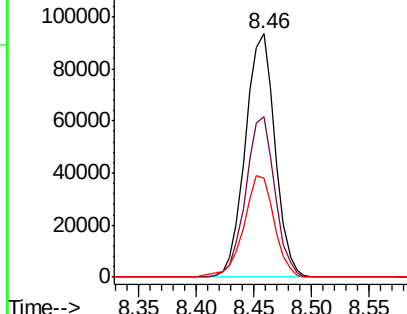


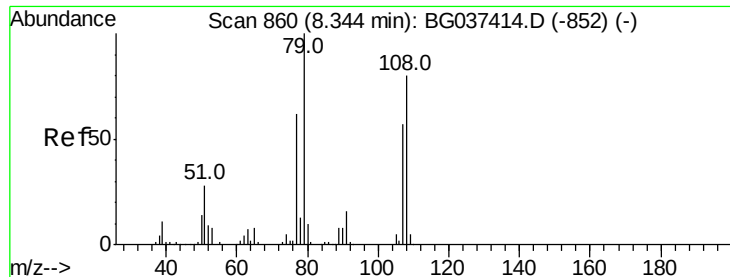
#14
 1,2-Dichlorobenzene
 Concen: 39.982 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion:146 Resp: 167070
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.4 75.6
 111 40.8 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: 41.202 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

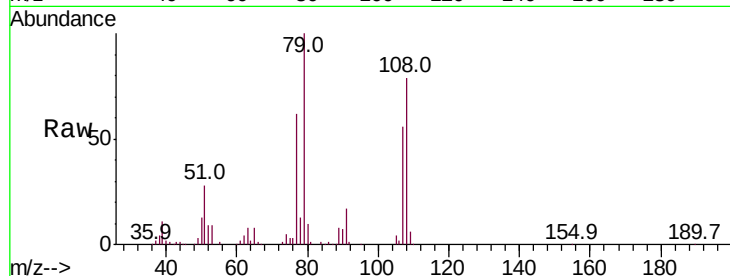
Tot Ion: 79 Resp: 150111

Ion Ratio Lower Upper

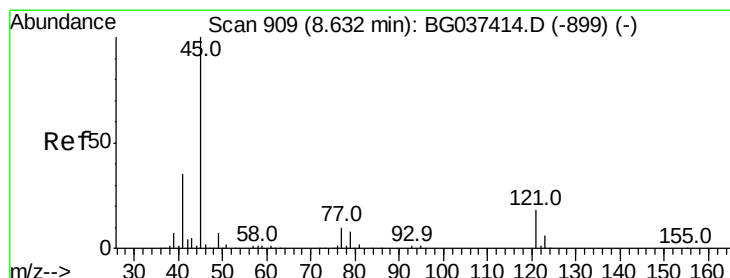
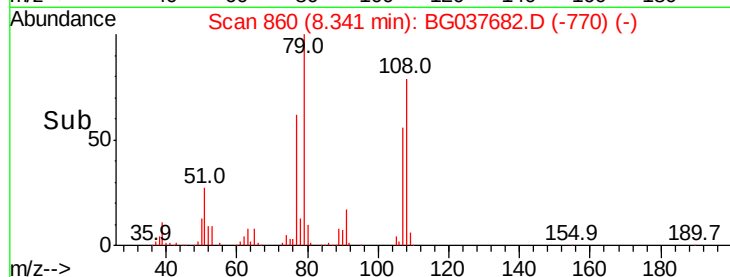
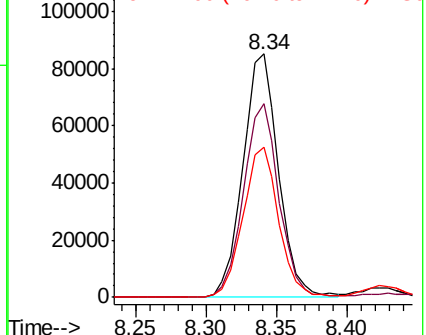
79 100

108 79.4 65.8 98.8

77 61.5 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: 40.425 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

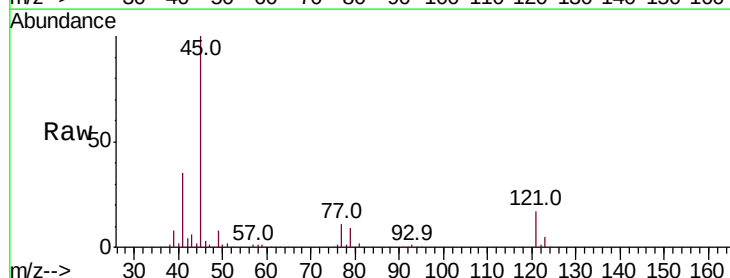
Tgt Ion: 45 Resp: 285798

Ion Ratio Lower Upper

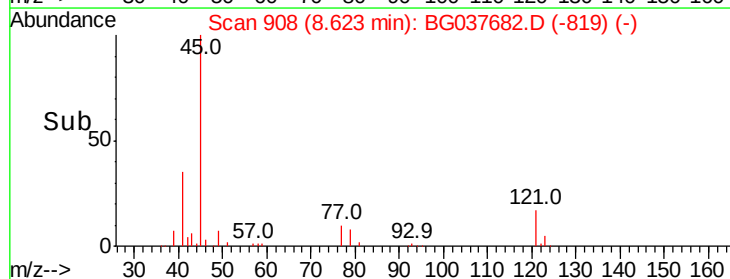
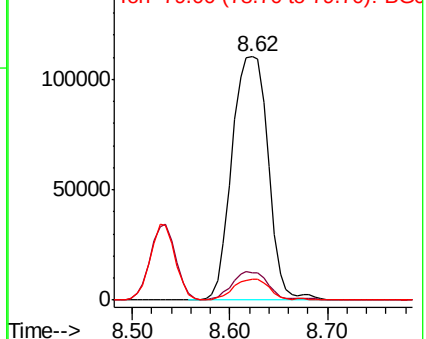
45 100

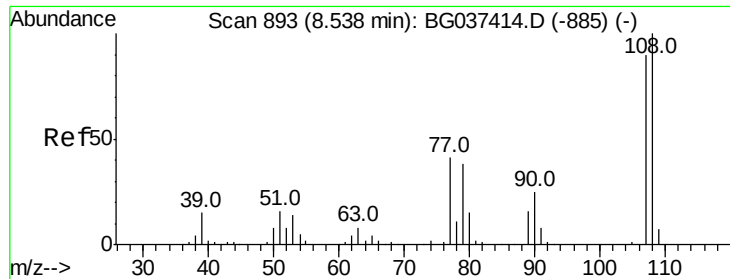
77 11.4 0.0 30.0

79 8.6 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

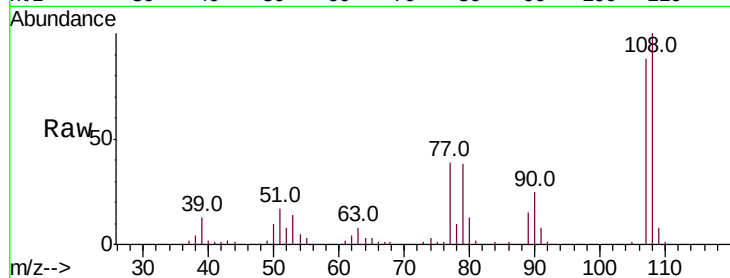




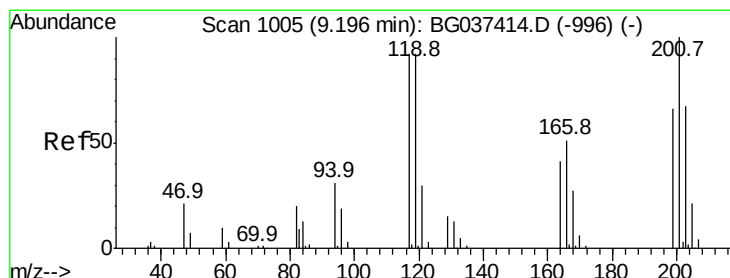
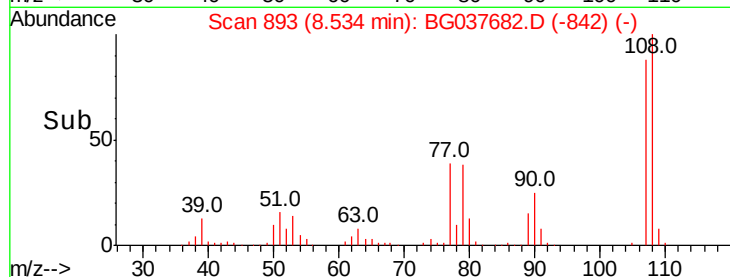
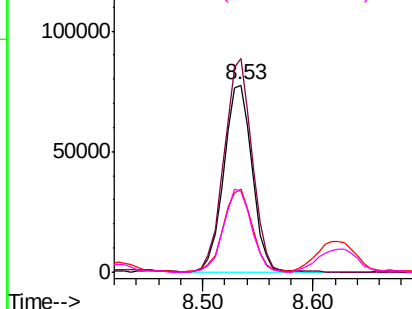
#17
2-Methylphenol
Concen: 40.597 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	139629
Ion	Ratio	Lower	Upper
107	100		
108	114.3	87.9	131.9
77	44.3	35.1	52.7
79	43.4	34.5	51.7

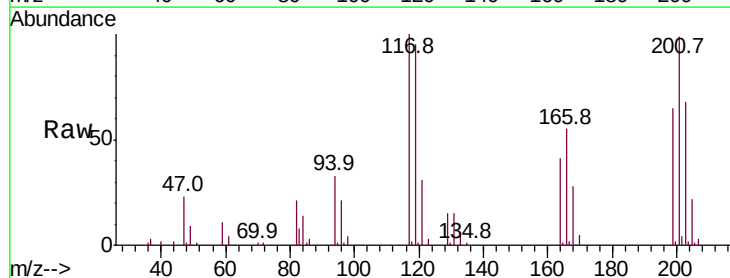


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

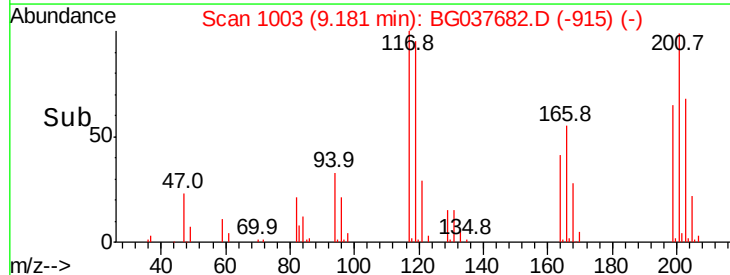
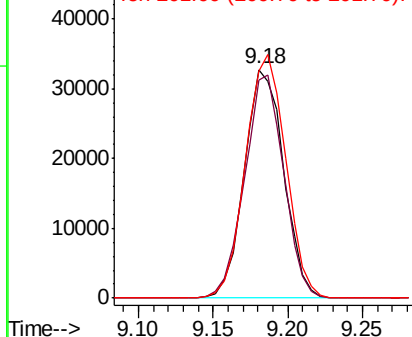


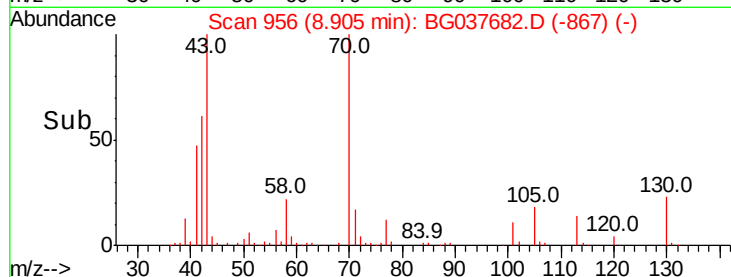
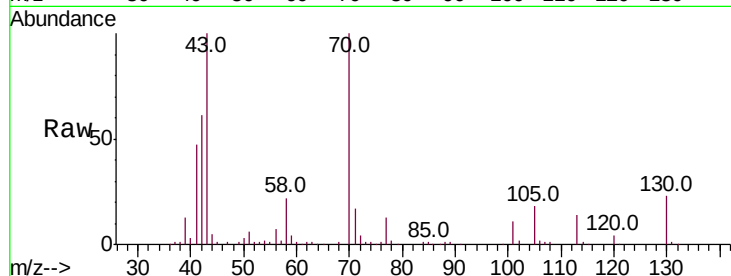
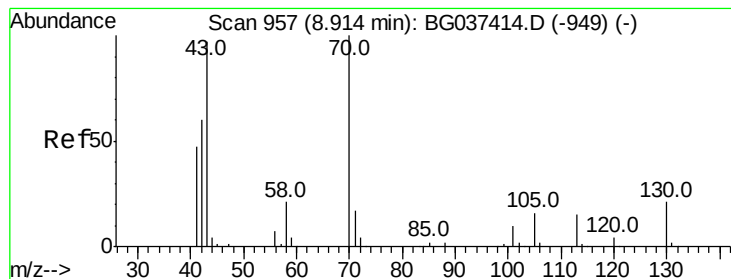
#18
Hexachloroethane
Concen: 40.333 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion:	117	Resp:	59731
Ion	Ratio	Lower	Upper
117	100		
119	95.3	74.6	111.8
201	103.1	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.057 ng

RT: 8.90 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 136005

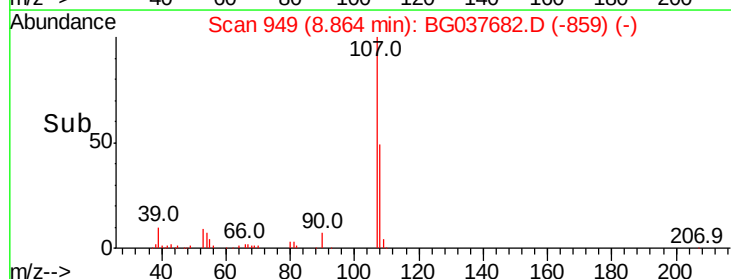
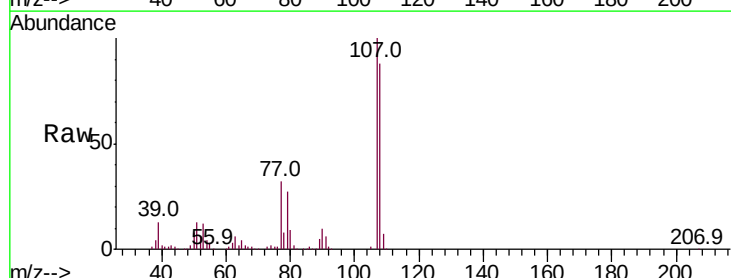
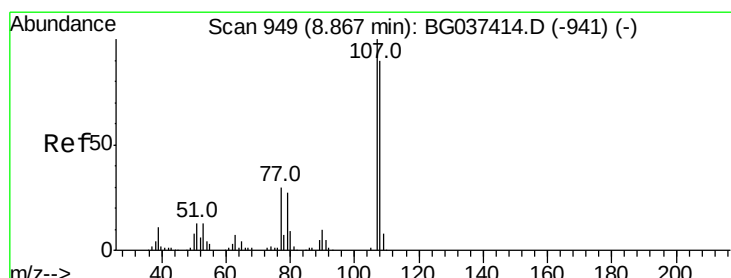
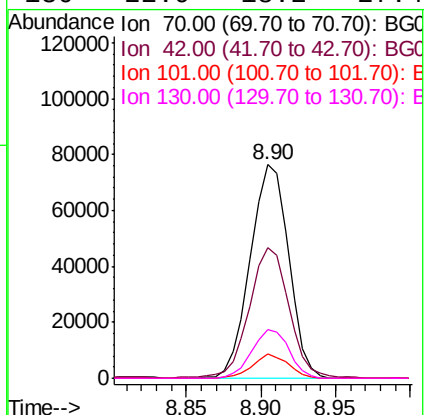
Ion Ratio Lower Upper

70 100

42 61.2 53.9 80.9

101 11.2 8.2 12.2

130 22.9 18.2 27.4



#20

3+4-Methylphenols

Concen: 41.604 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion: 107 Resp: 204582

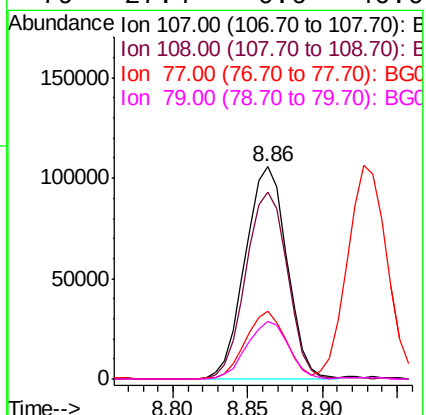
Ion Ratio Lower Upper

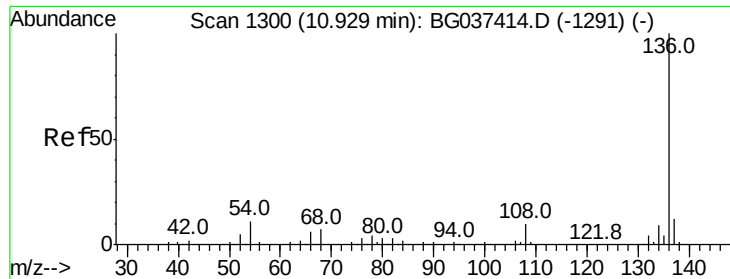
107 100

108 88.0 69.9 109.9

77 32.1 11.2 51.2

79 27.4 6.6 46.6

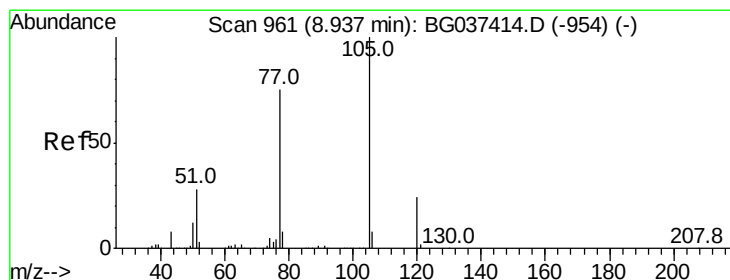
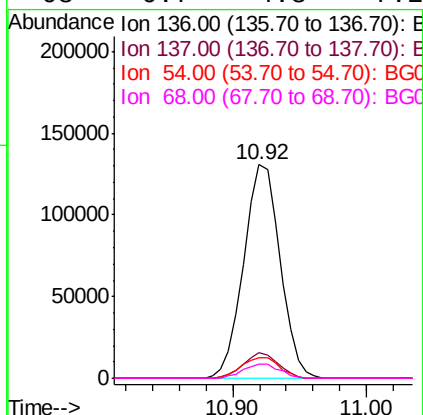
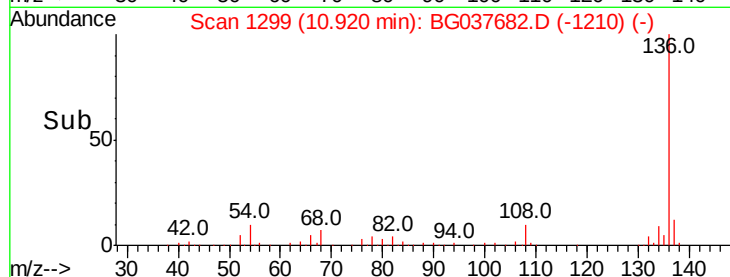
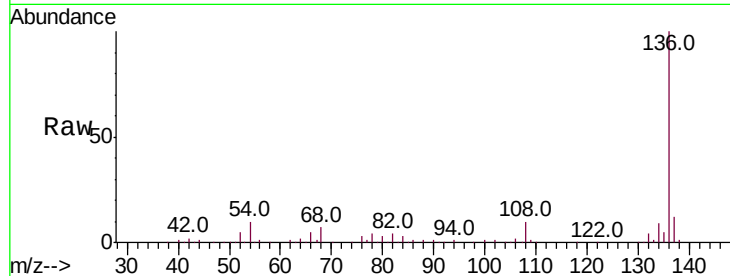




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

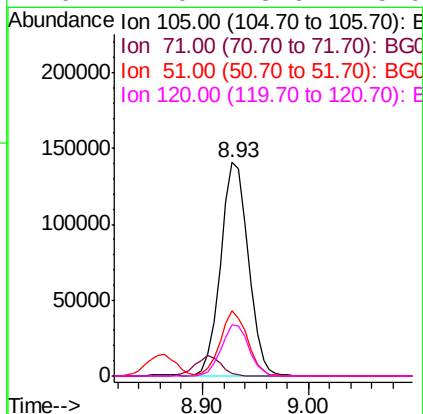
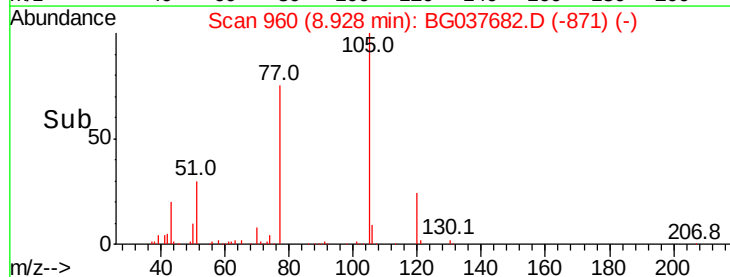
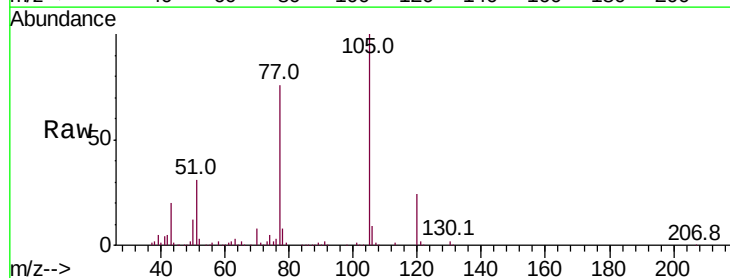
Instrument :
BNA_G
ClientSampleId :

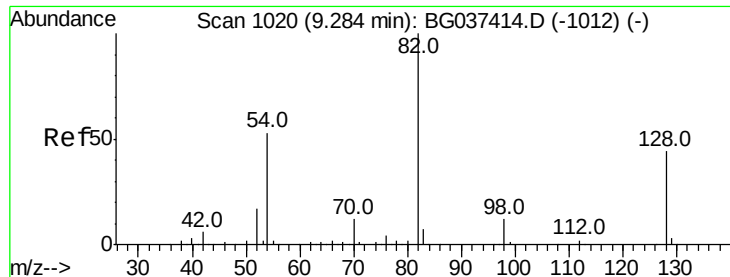
Tot Ion:	136	Resp:	246313
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.9	7.9	11.9
68	6.7	4.8	7.2



#22
Acetophenone
Concen: 41.545 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion:	105	Resp:	256642
Ion	Ratio	Lower	Upper
105	100		
71	1.4	1.2	1.8
51	30.8	25.0	37.6
120	24.0	18.6	28.0

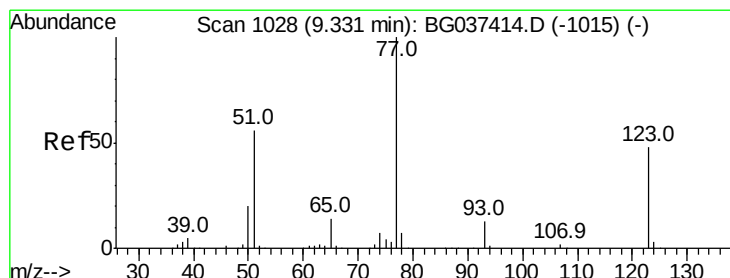
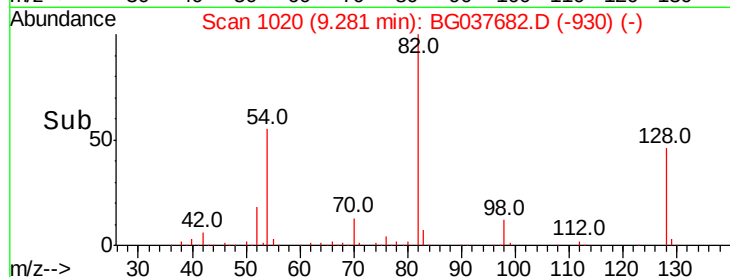
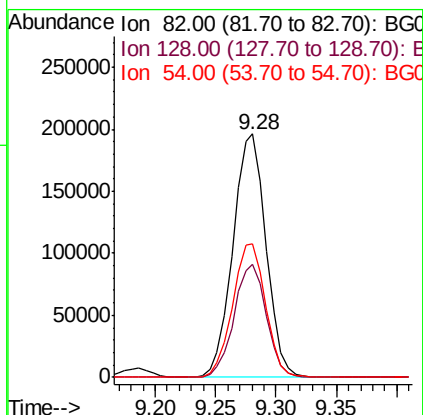
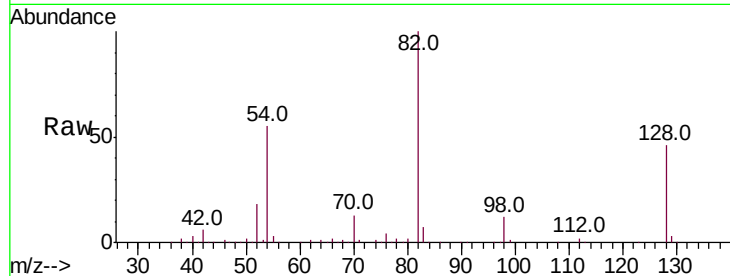




#23
 Nitrobenzene-d5
 Concen: 85.017 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

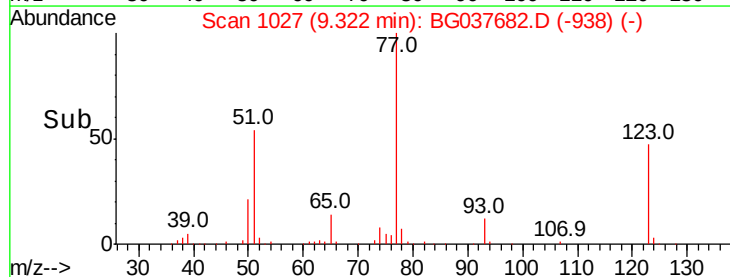
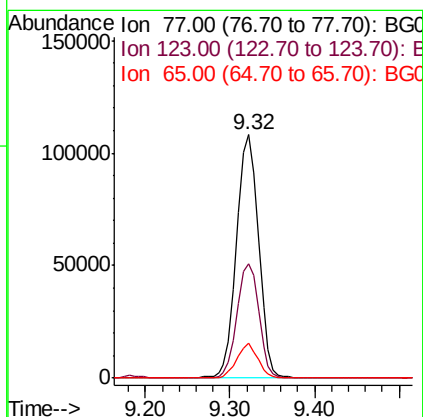
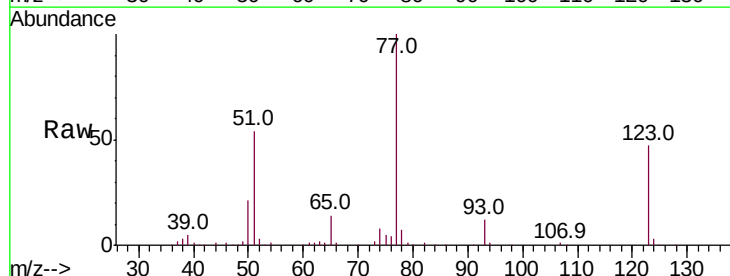
Instrument :
 BNA_G
 ClientSampleId :

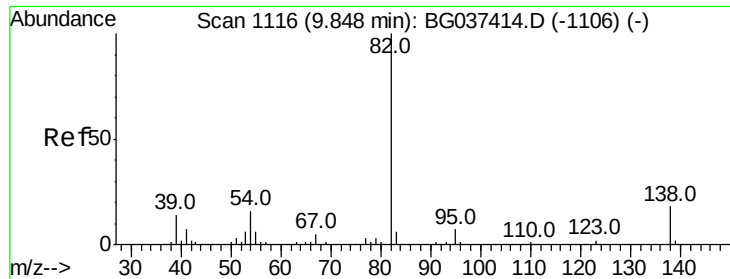
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.6	51.8
54	54.6	45.3	67.9



#24
 Nitrobenzene
 Concen: 42.734 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	33.6	50.4
65	14.3	11.3	16.9

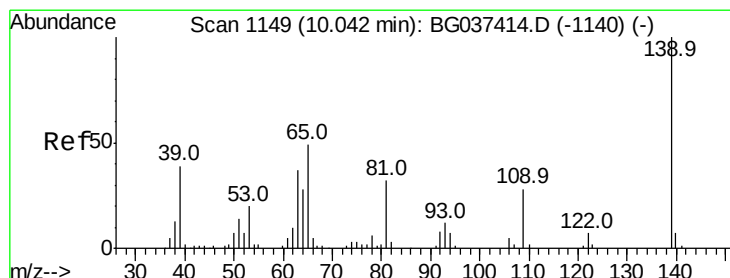
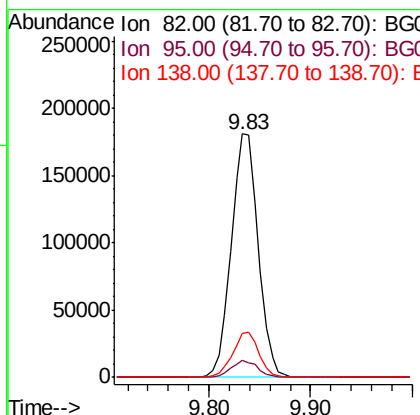
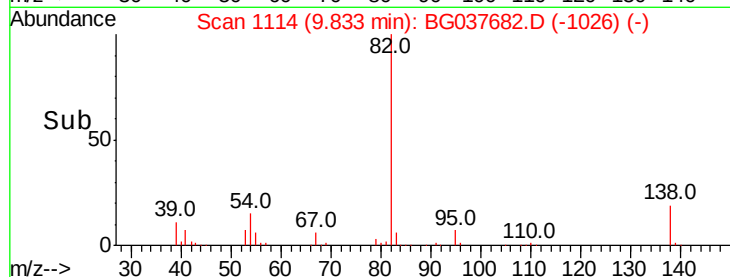
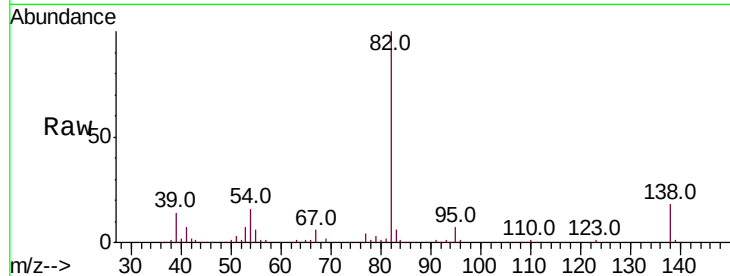




#25
Isophorone
Concen: 41.233 ng
RT: 9.83 min Scan# 1114
Delta R.T. -0.02 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

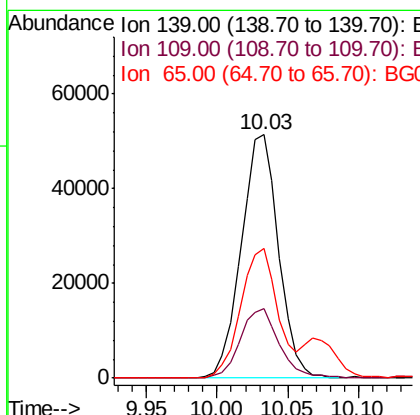
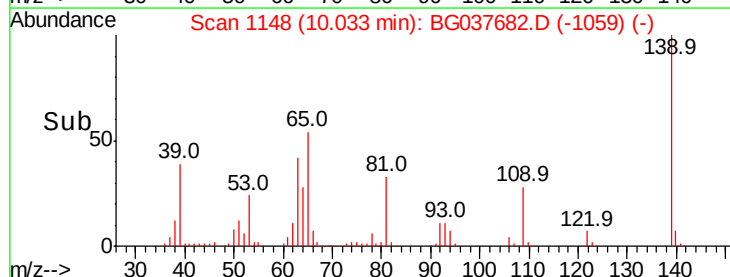
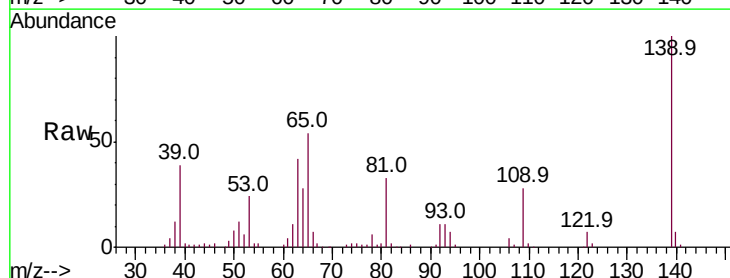
Instrument :
BNA_G
ClientSampled :

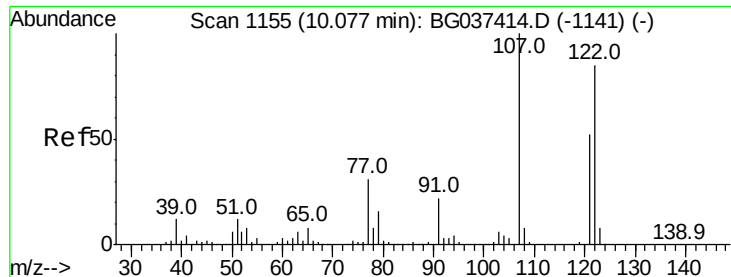
Tot Ion: 82 Resp: 331267
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.3 13.3 19.9



#26
2-Nitrophenol
Concen: 46.114 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion: 139 Resp: 94892
Ion Ratio Lower Upper
139 100
109 28.3 23.3 34.9
65 53.5 39.8 59.8

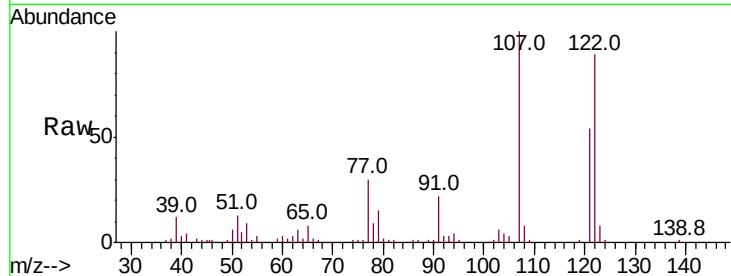




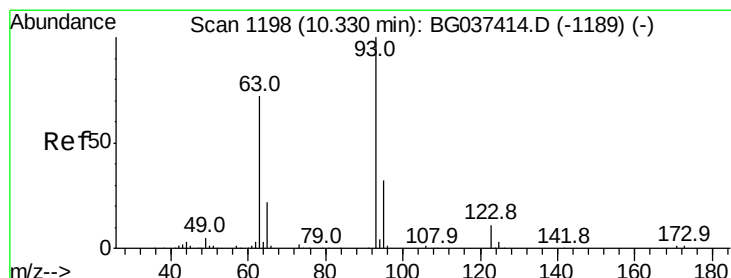
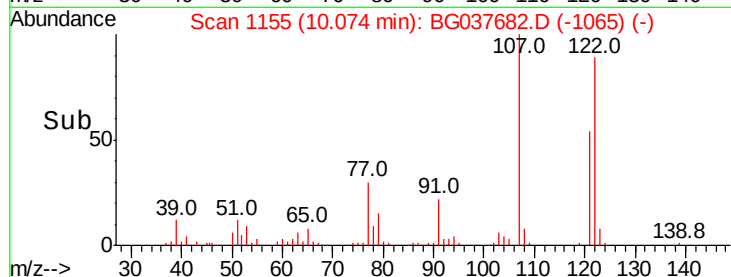
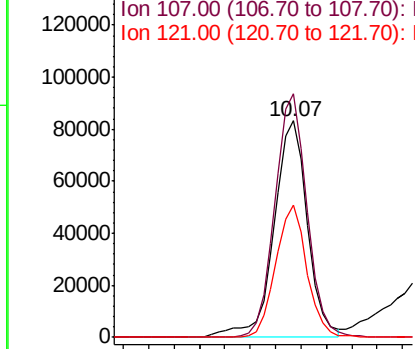
#27
 2,4-Dimethylphenol
 Concen: 41.510 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 152509
 Ion Ratio Lower Upper
 122 100
 107 112.5 94.2 141.2
 121 60.9 47.3 70.9

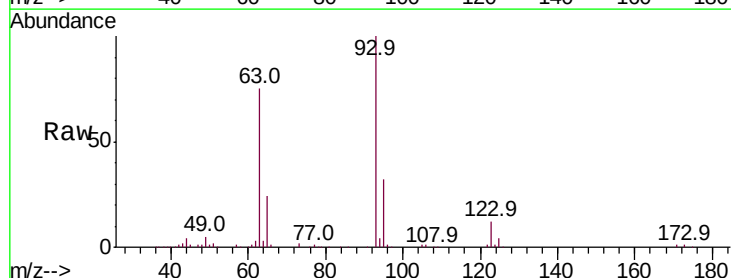


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

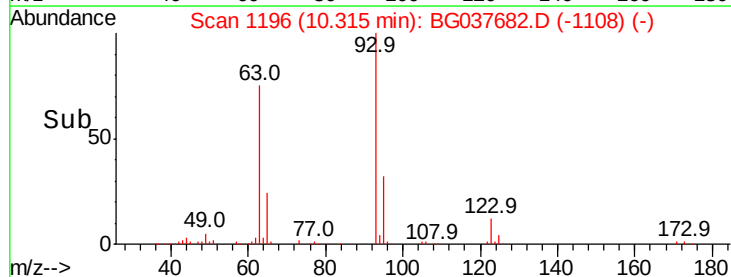
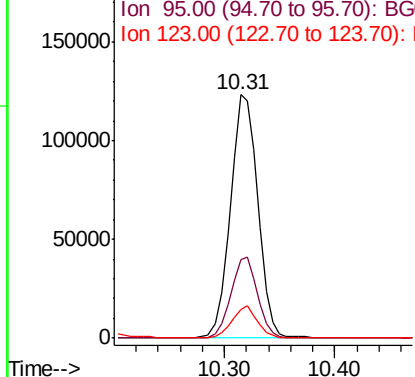


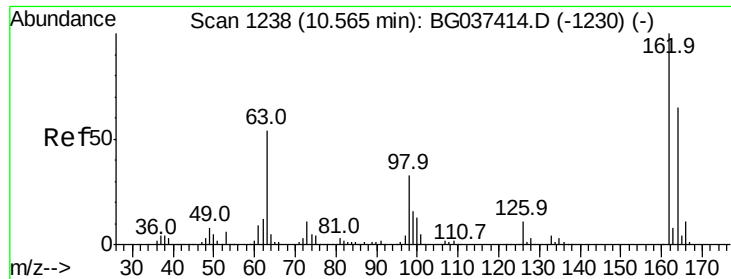
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.868 ng
 RT: 10.31 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion: 93 Resp: 215115
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.6 37.0
 123 11.8 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

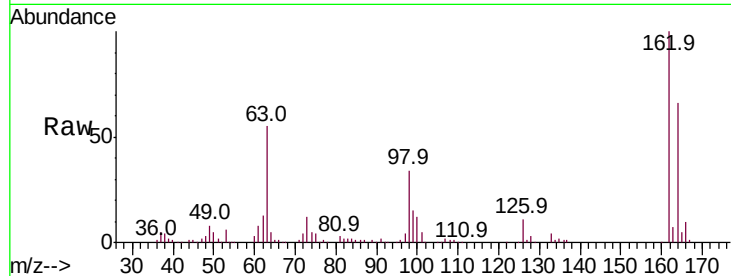




#29
 2,4-Dichlorophenol
 Concen: 42.459 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.2	83.2
98	34.4	16.0	56.0

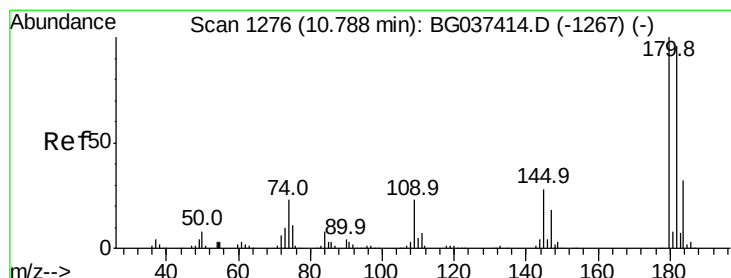
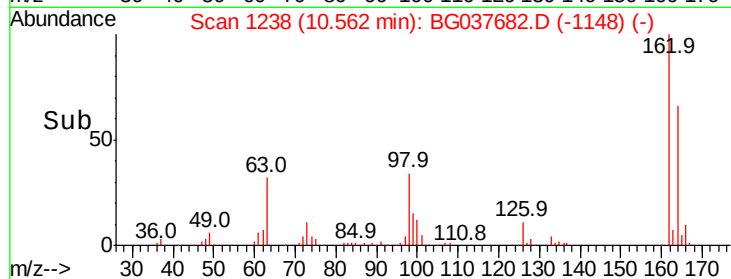
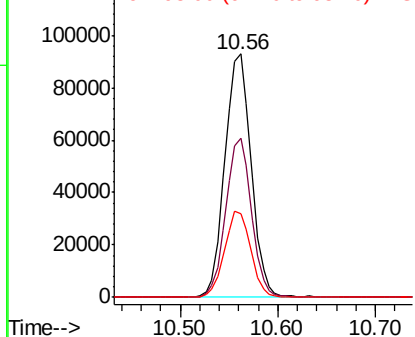


Abundance

Ion 162.00 (161.70 to 162.70): E

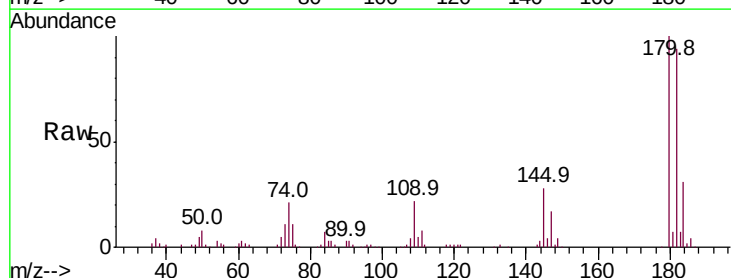
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.090 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.7	116.5
145	27.6	23.3	34.9

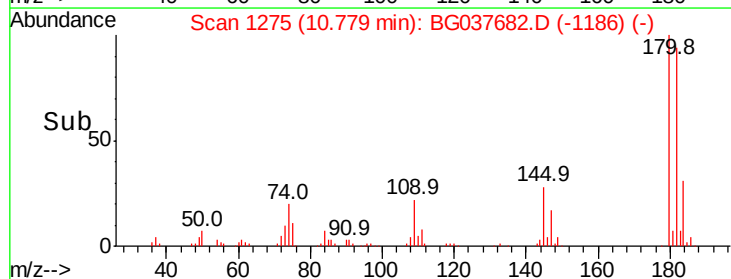
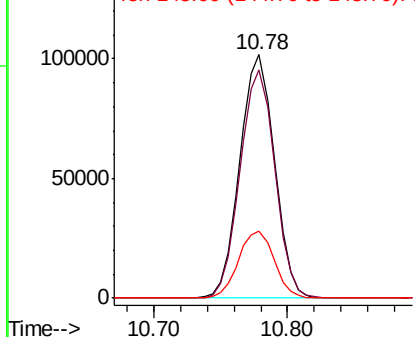


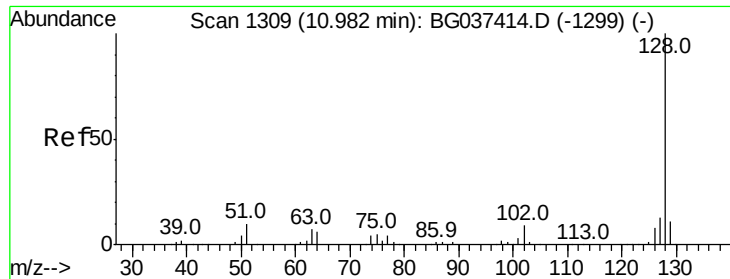
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

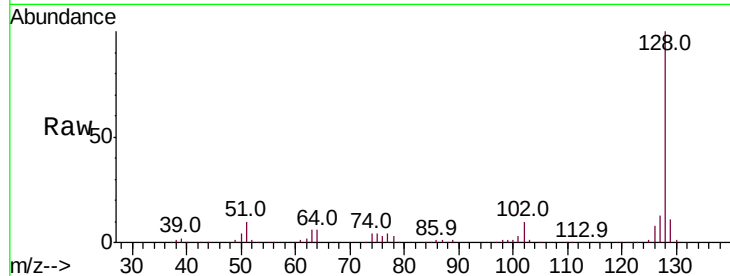




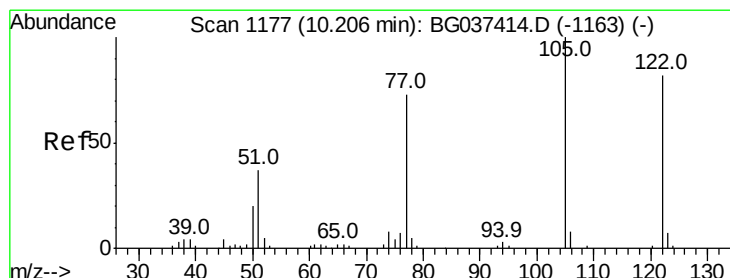
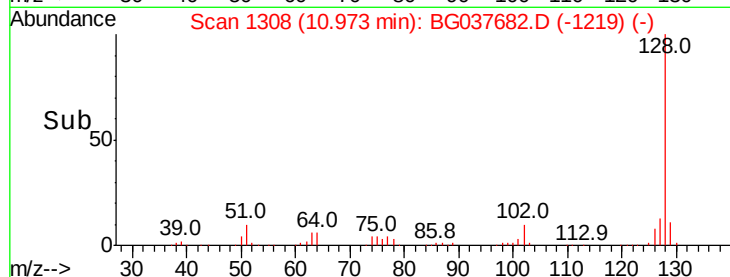
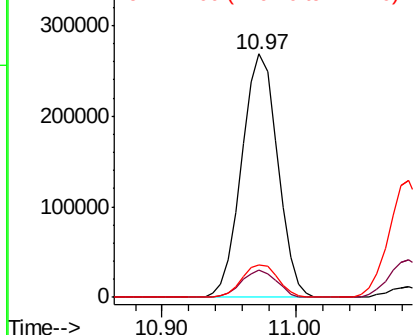
#31
Naphthalene
Concen: 41.298 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 499637
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.3 11.1 16.7

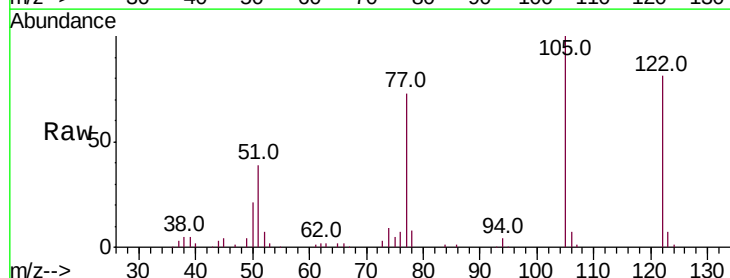


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

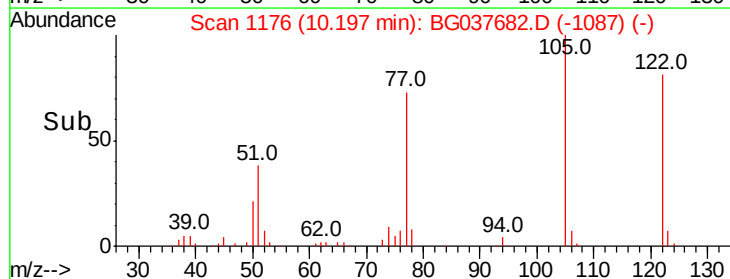
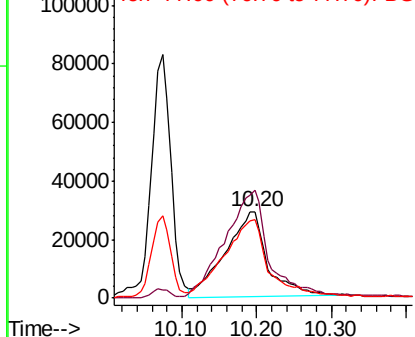


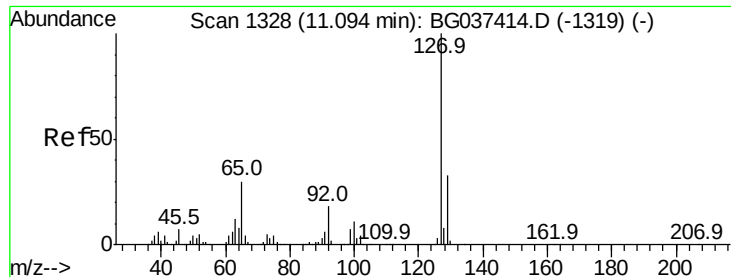
#32
Benzoic acid
Concen: 47.271 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion:122 Resp: 112806
Ion Ratio Lower Upper
122 100
105 123.9 106.7 146.7
77 90.4 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

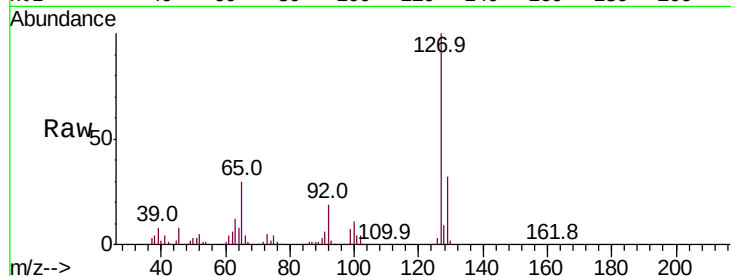




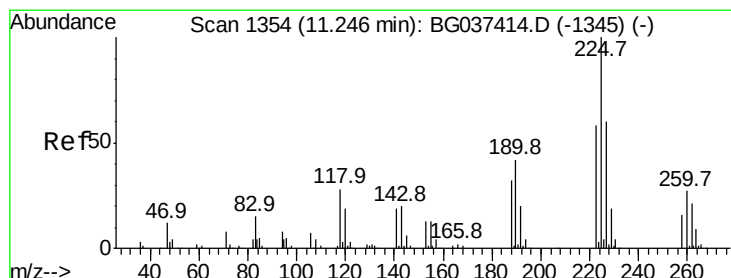
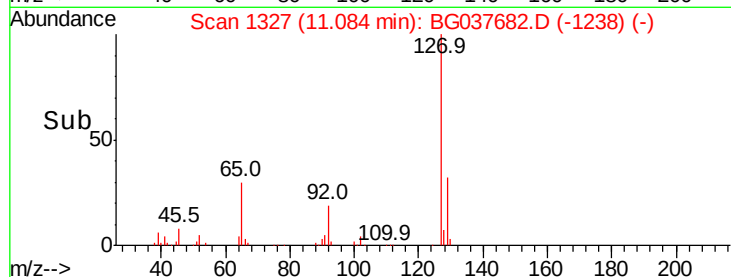
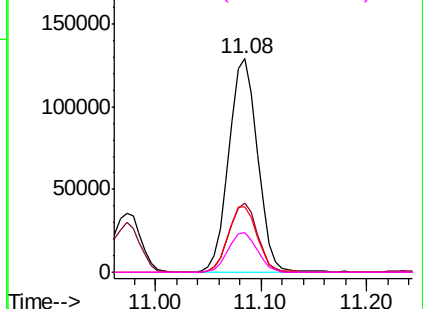
#33
4-Chloroaniline
Concen: 42.701 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	242731
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	30.3	26.6	39.8
92	18.8	16.4	24.6

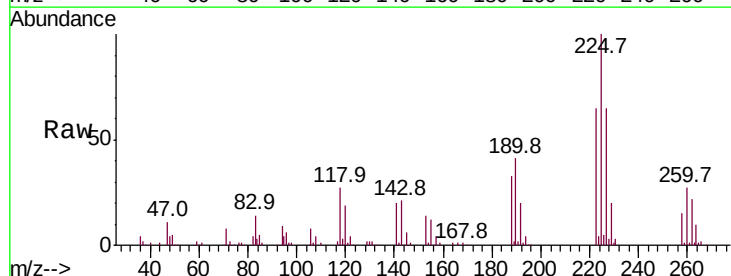


Abundance Ion 127.00 (126.70 to 127.70): E
200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

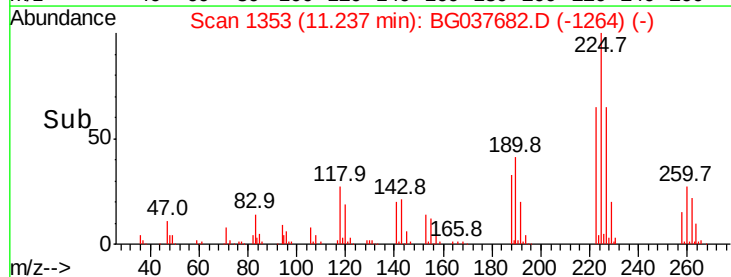
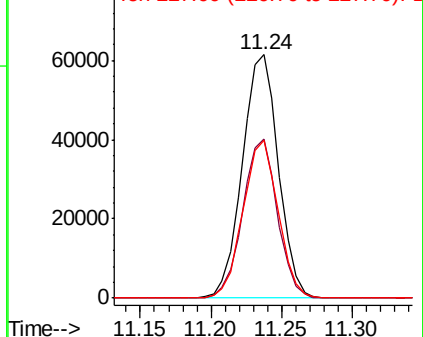


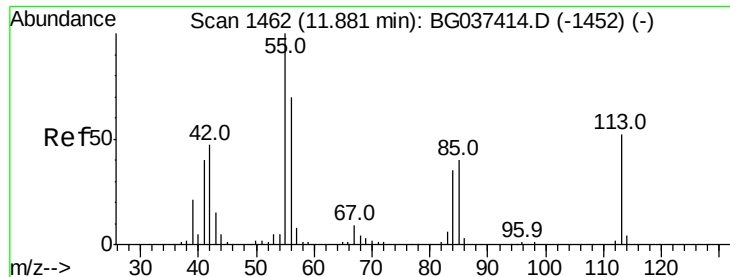
#34
Hexachlorobutadiene
Concen: 41.747 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion:	225	Resp:	110067
Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	64.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
80000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

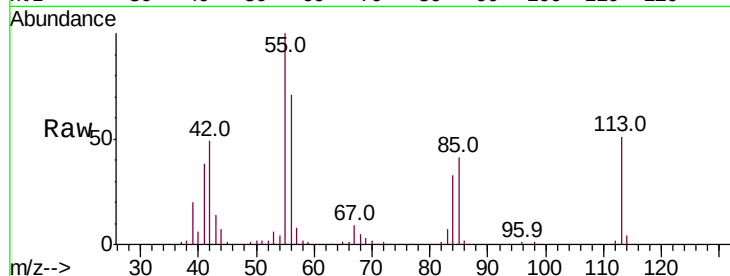




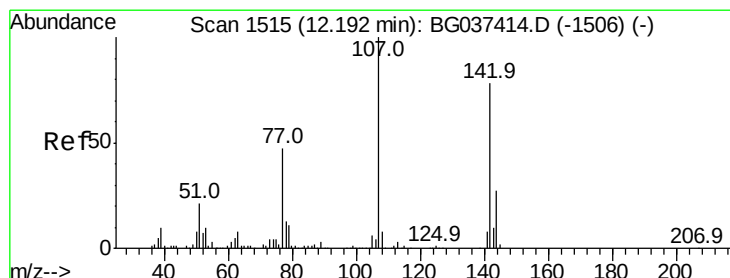
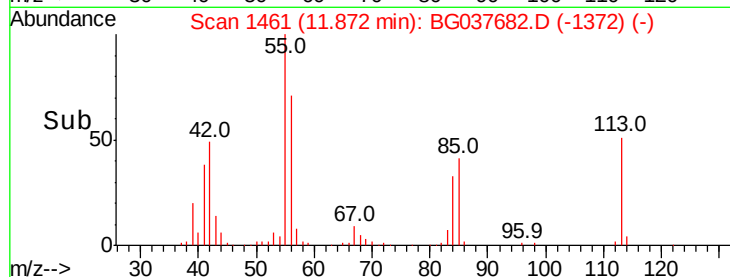
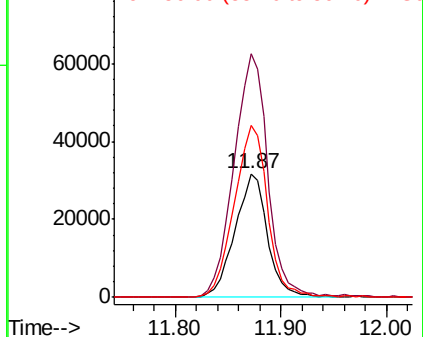
#35
 Caprolactam
 Concen: 41.297 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 67753
 Ion Ratio Lower Upper
 113 100
 55 196.8 176.6 216.6
 56 139.2 128.3 168.3

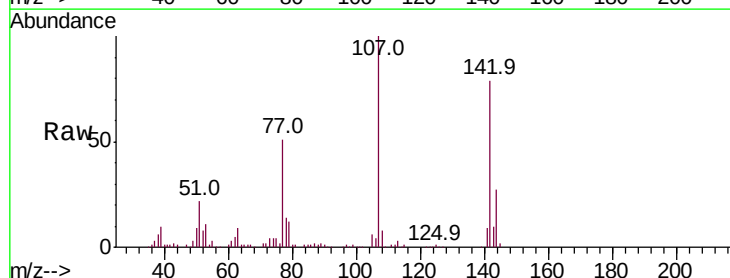


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

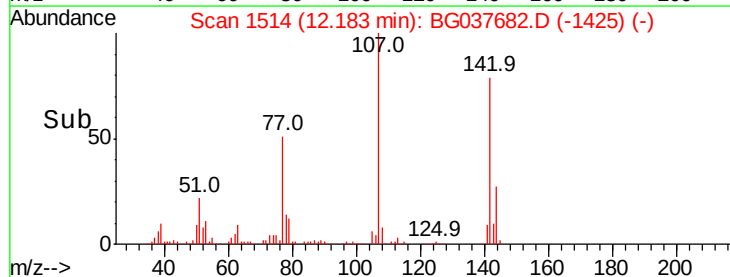
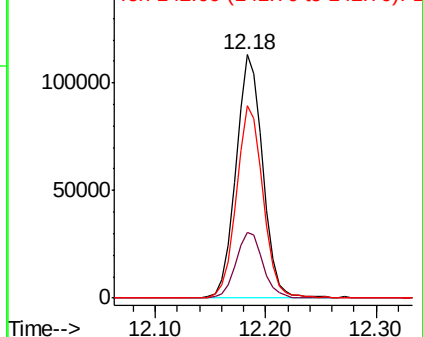


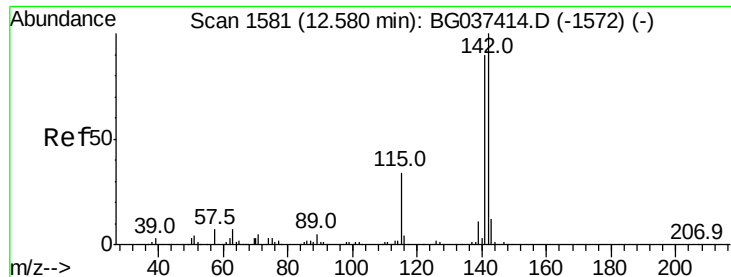
#36
 4-Chloro-3-methylphenol
 Concen: 41.886 ng
 RT: 12.18 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion:107 Resp: 193239
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.7 31.1
 142 79.0 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: 40.719 ng

RT: 12.57 min Scan# 1580

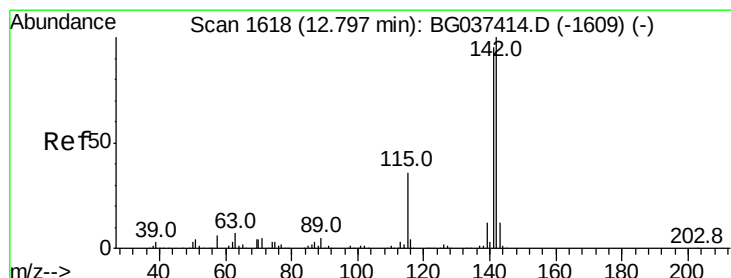
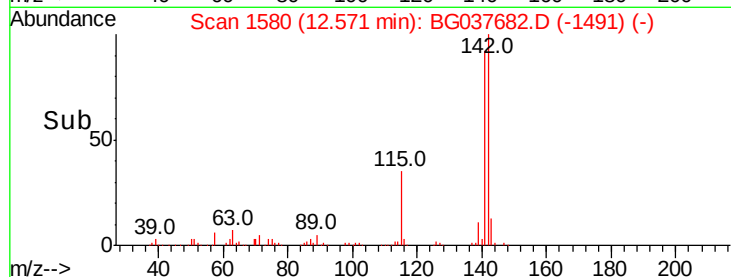
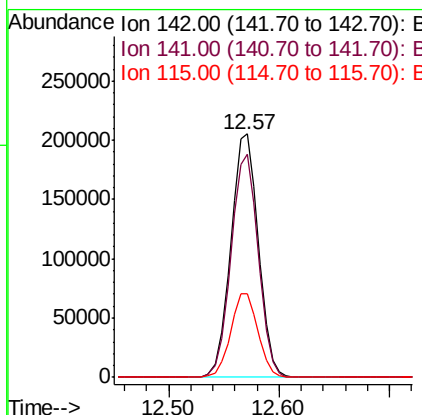
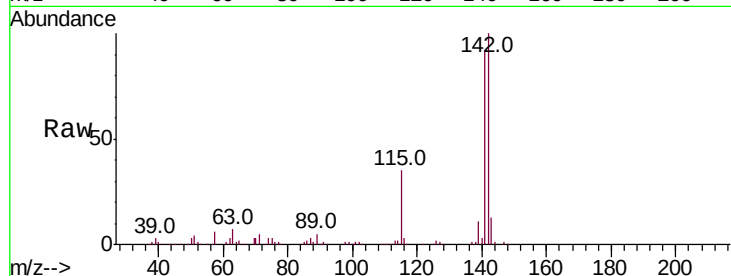
Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	34.6	27.8	41.8



#38

1-Methylnaphthalene

Concen: 40.714 ng

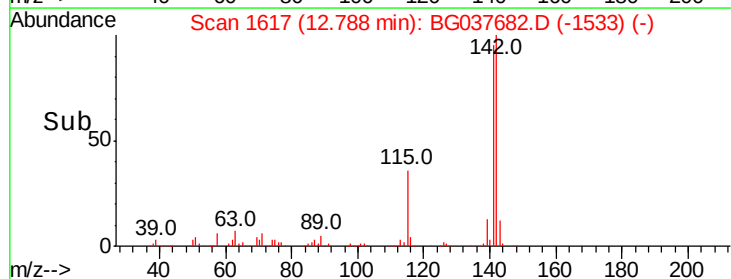
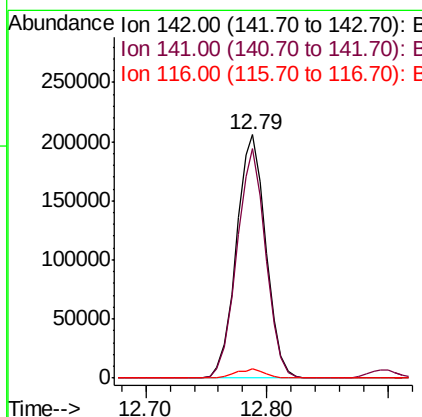
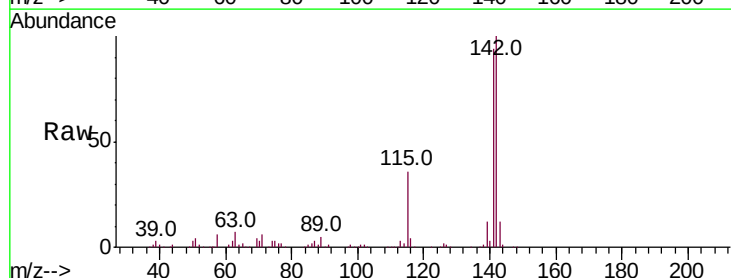
RT: 12.79 min Scan# 1617

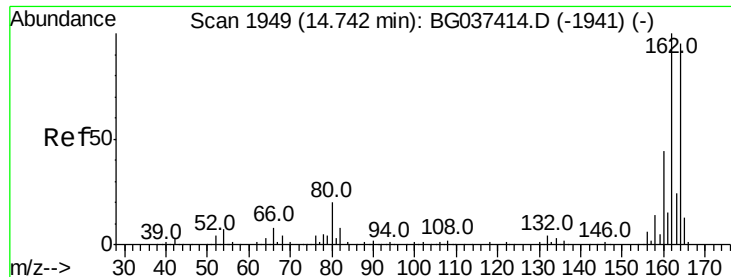
Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8
116	4.0	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

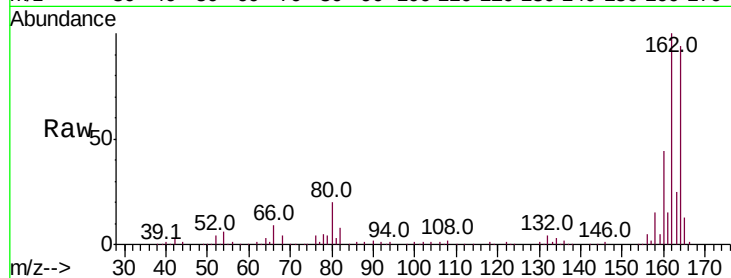
Tot Ion:164 Resp: 159278

Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

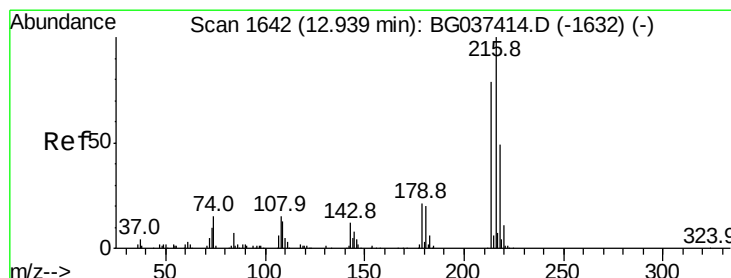
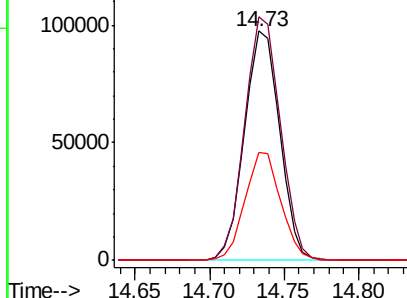
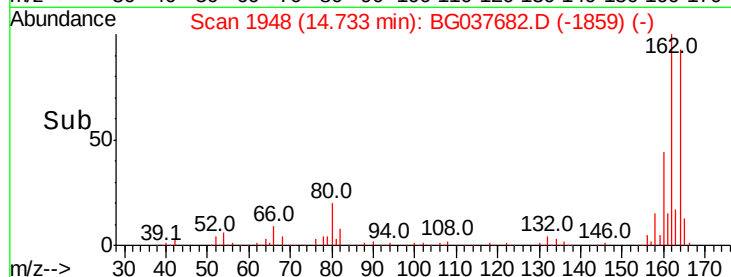
160 47.0 36.3 54.5



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: 41.967 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion:216 Resp: 215610

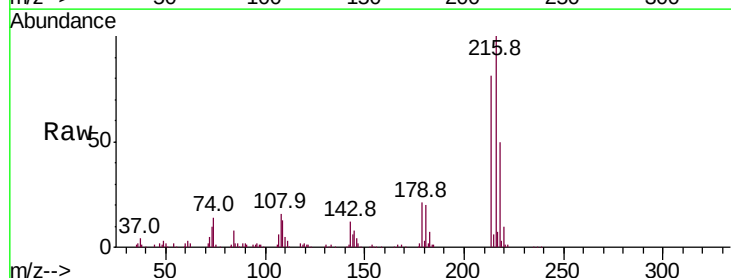
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 20.5 17.4 26.0

108 17.0 13.9 20.9

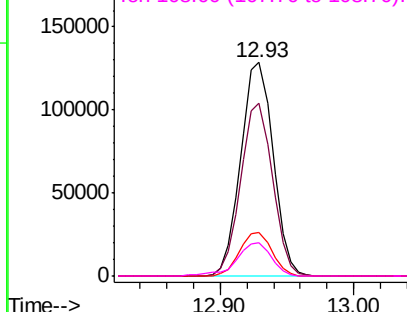
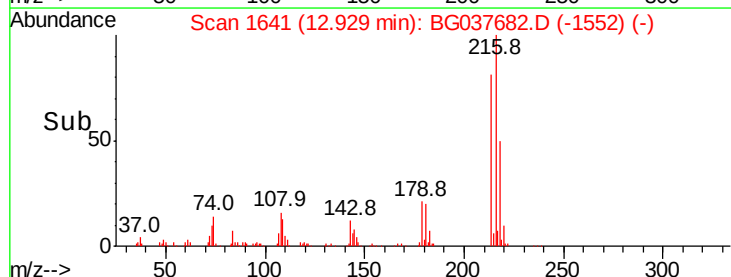


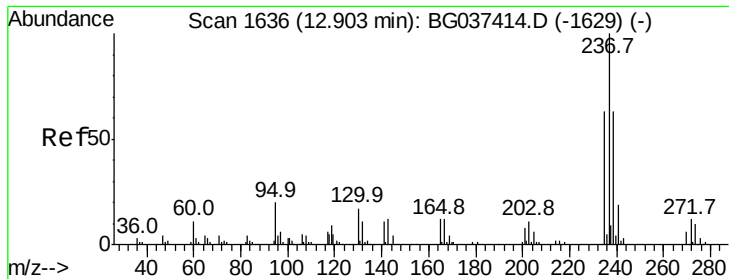
Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.688 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

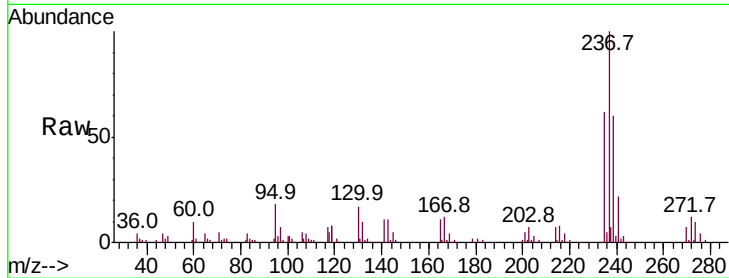
Tot Ion:237 Resp: 99851

Ion Ratio Lower Upper

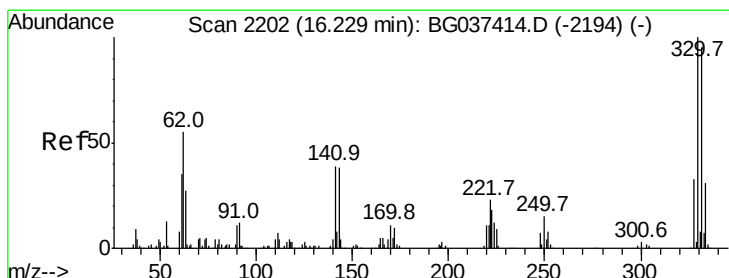
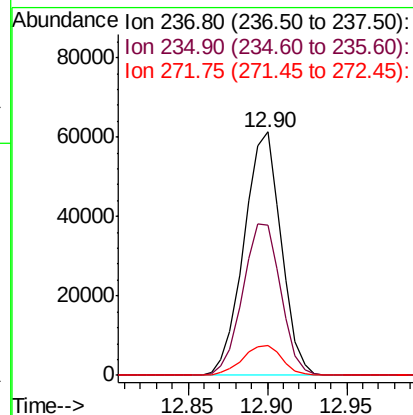
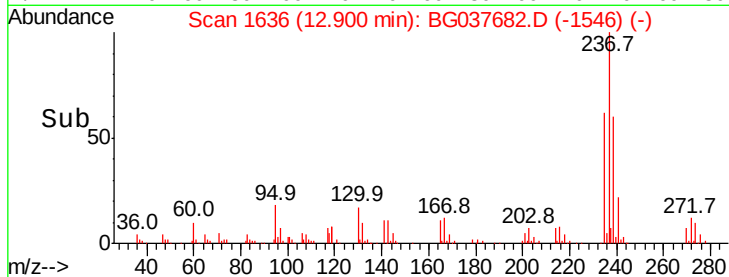
237 100

235 61.7 42.5 82.5

272 12.1 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: 86.393 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

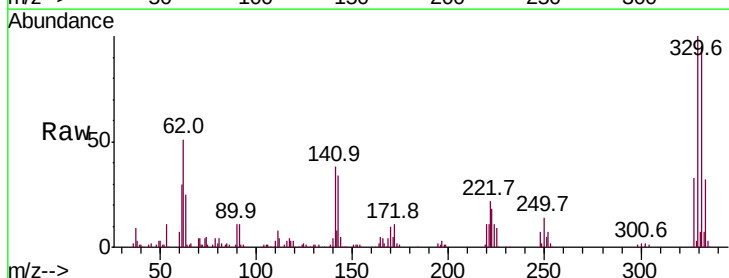
Tgt Ion:330 Resp: 150084

Ion Ratio Lower Upper

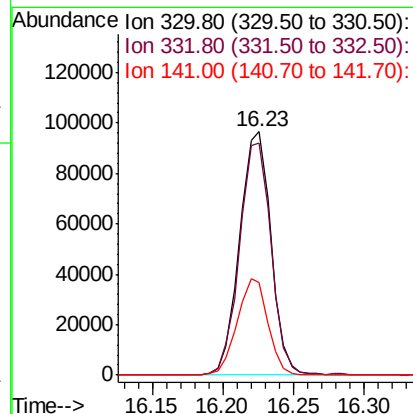
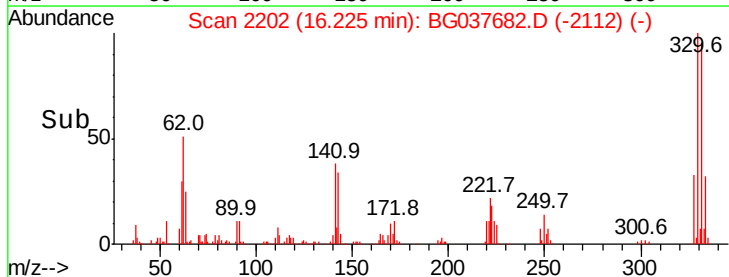
330 100

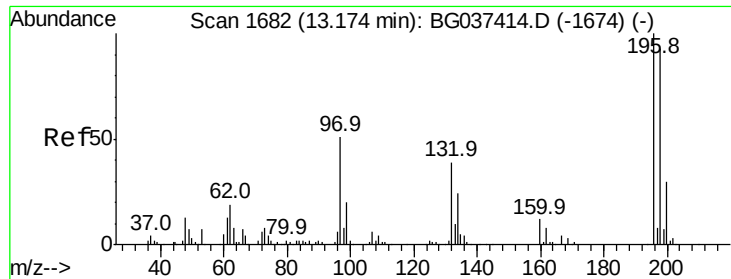
332 96.5 78.4 117.6

141 38.6 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

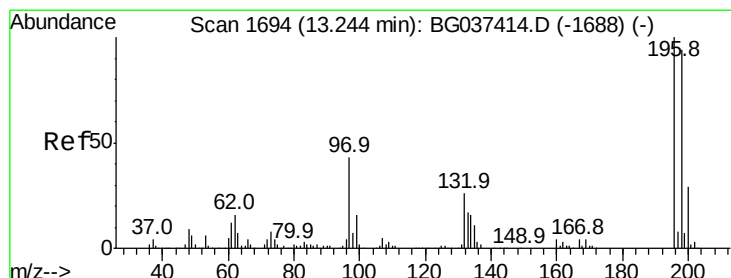
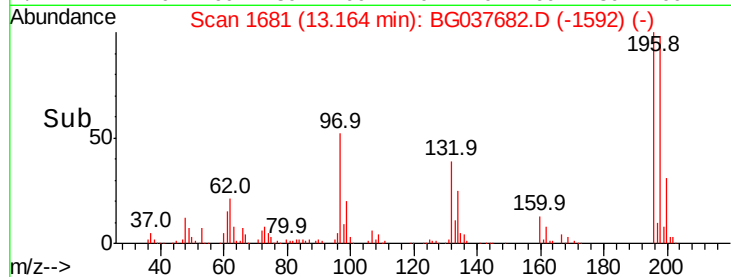
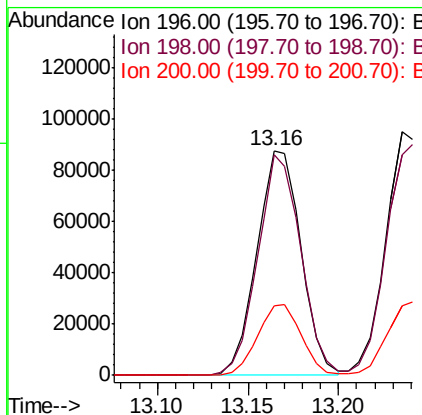
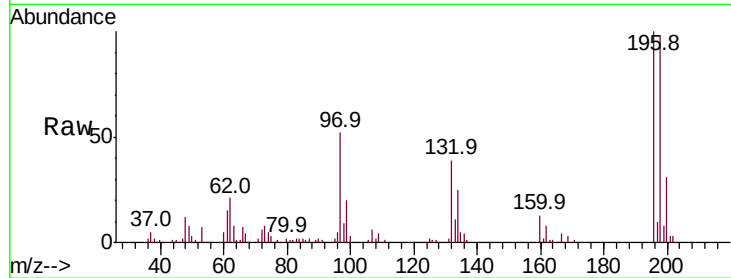




#43
 2,4,6-Trichlorophenol
 Concen: 43.196 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

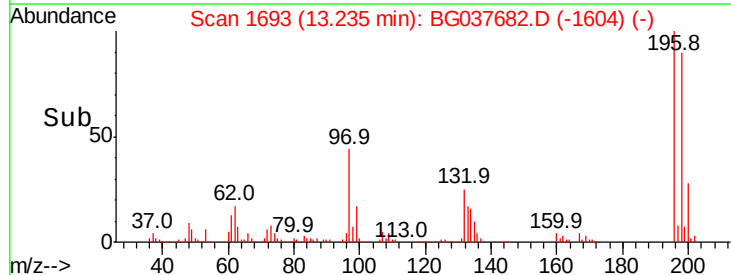
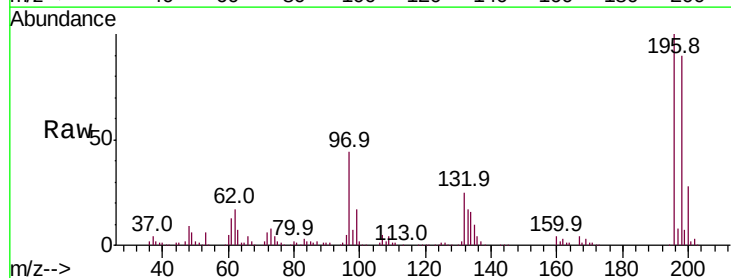
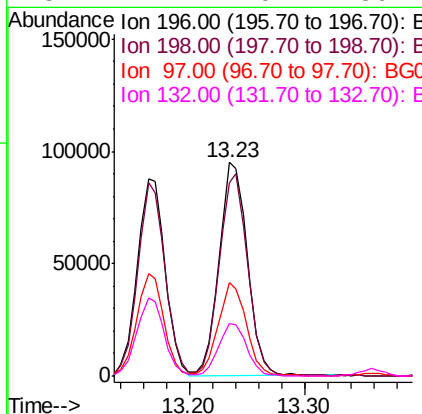
Instrument :
 BNA_G
 ClientSampleId :

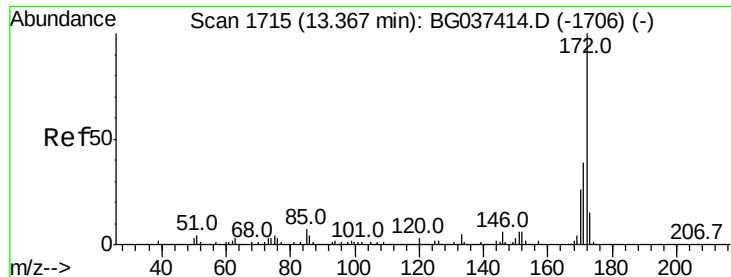
Tot Ion	196	Resp	148262
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.4	114.6
200	31.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.070 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion	196	Resp	160952
Ion Ratio	Lower	Upper	
196	100		
198	90.4	74.2	111.2
97	43.9	34.1	51.1
132	24.7	20.2	30.4

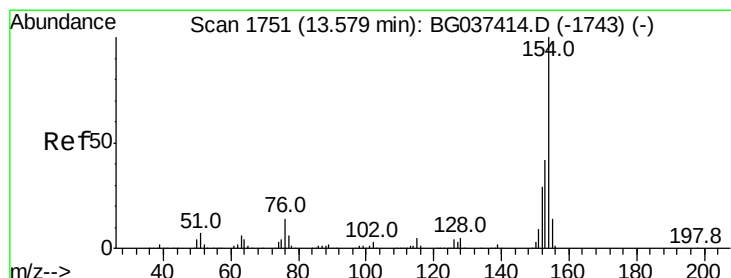
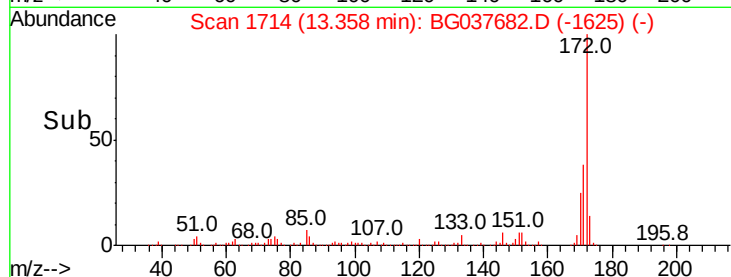
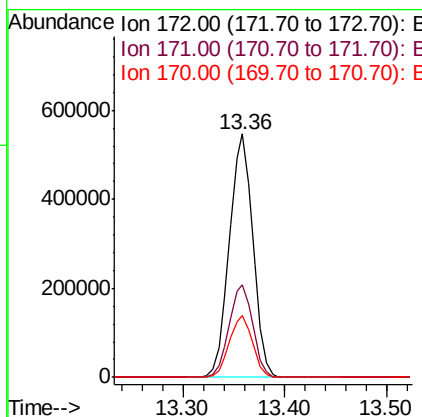
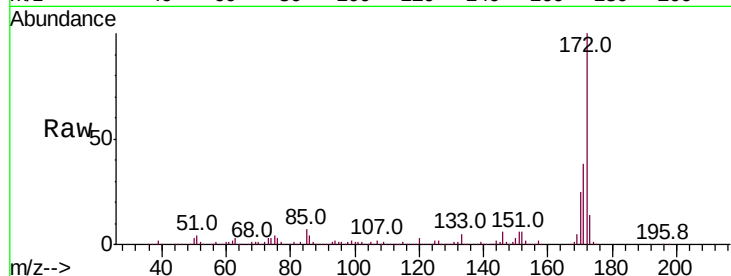




#45
2-Fluorobiphenyl
Concen: 83.112 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

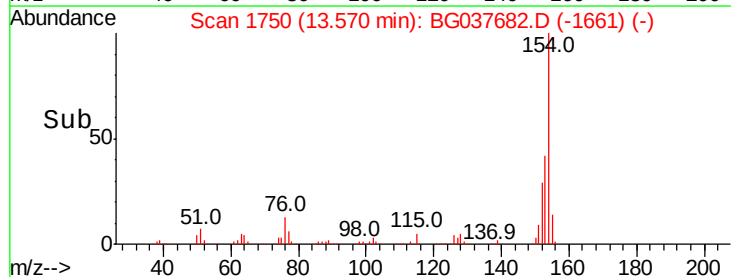
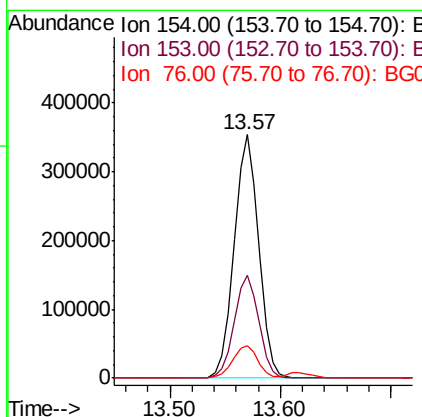
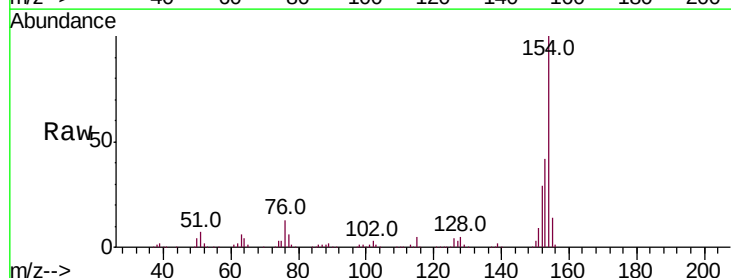
Instrument :
BNA_G
ClientSampleId :

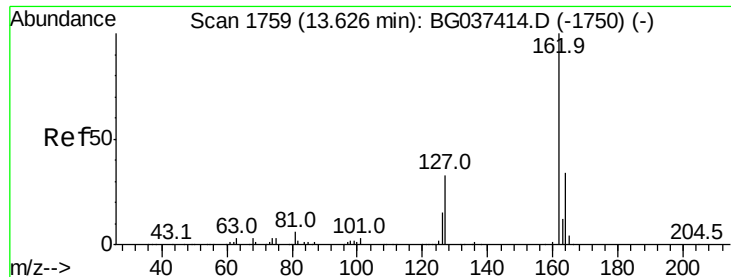
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.4	20.2	30.2



#46
1,1'-Biphenyl
Concen: 41.564 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.1	62.1
76	13.4	0.0	33.2

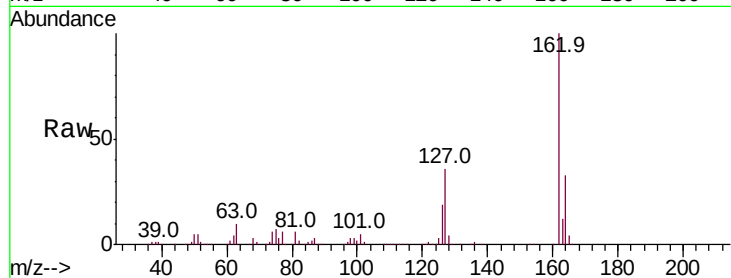




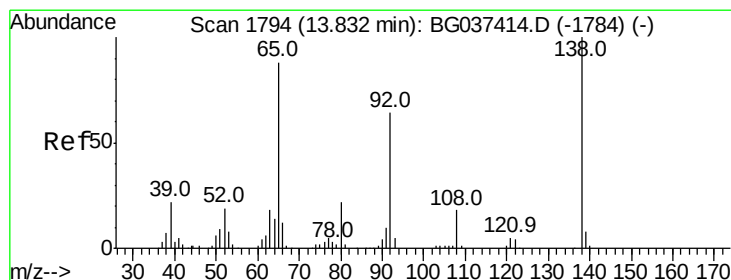
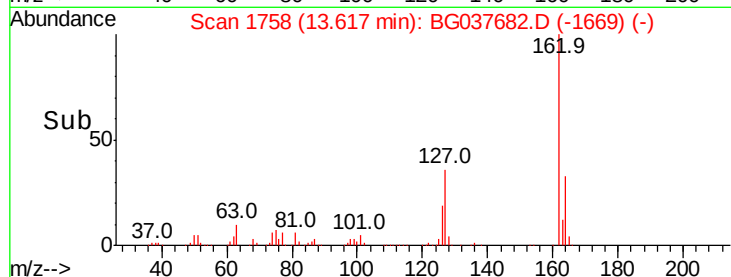
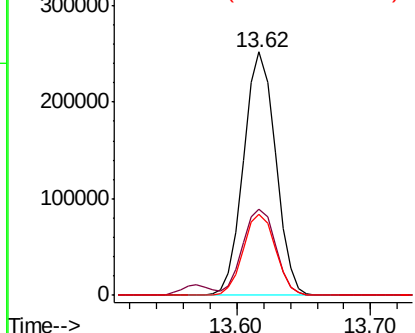
#47
 2-Chloronaphthalene
 Concen: 41.872 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.5	45.7
164	33.2	26.4	39.6

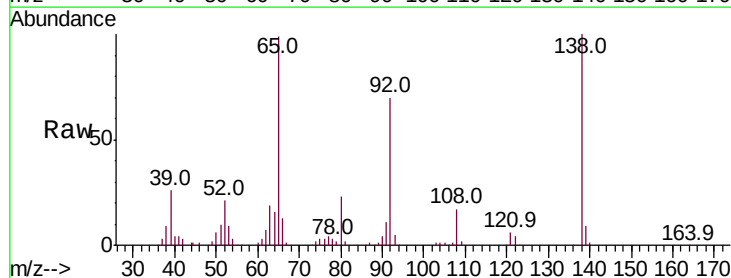


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

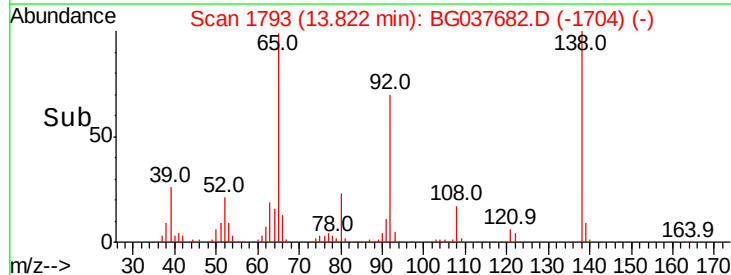
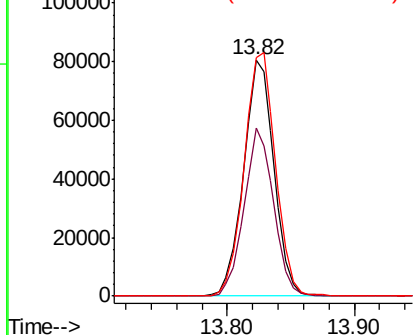


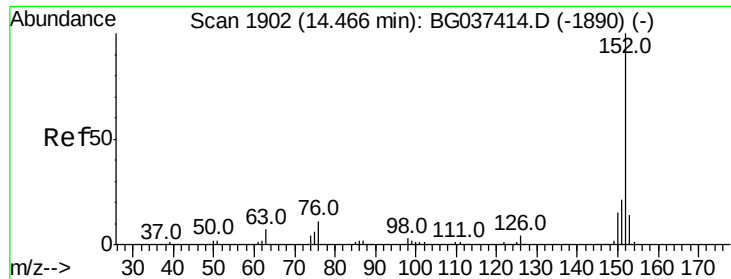
#48
 2-Nitroaniline
 Concen: 44.525 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.2	79.8
138	101.0	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: 42.165 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

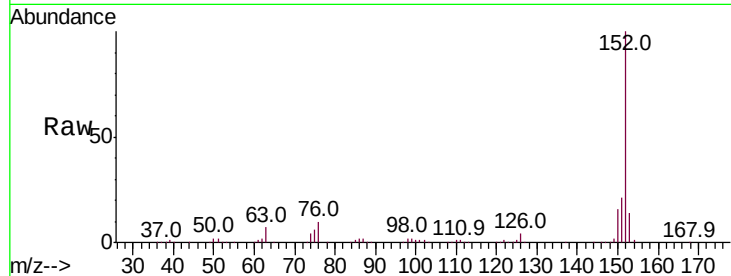
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 632977

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.1	25.7
153	13.6	11.1	16.7

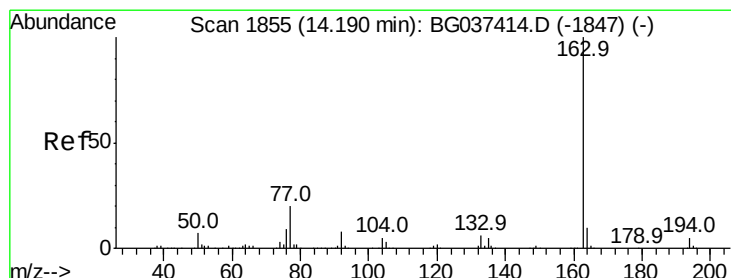
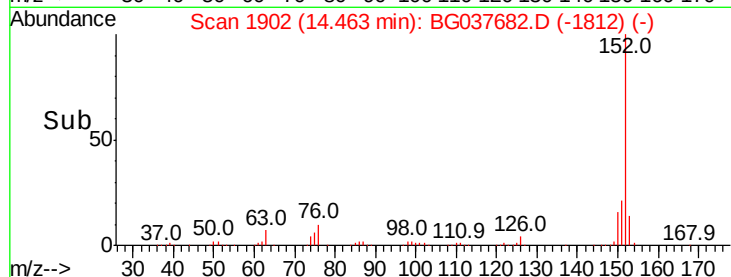
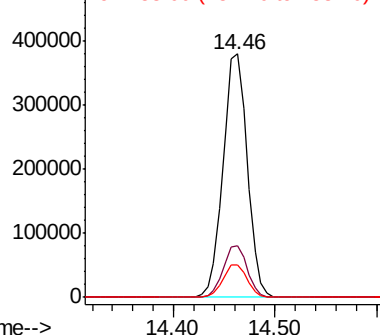


Abundance

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: 41.392 ng

RT: 14.18 min Scan# 1854

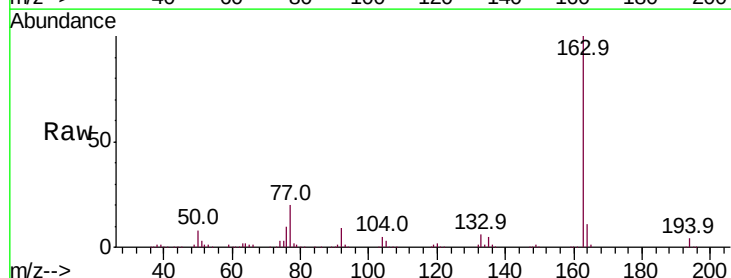
Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion:163 Resp: 510030

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	11.1	8.5	12.7

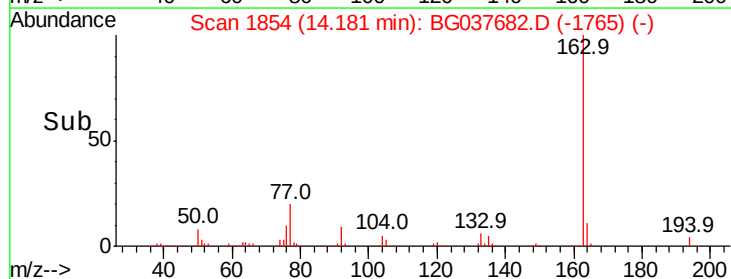
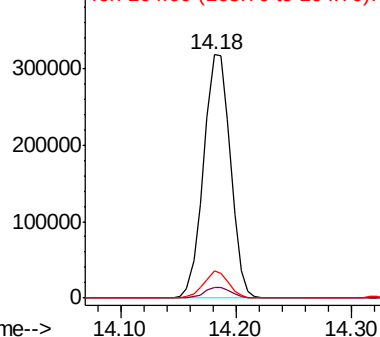


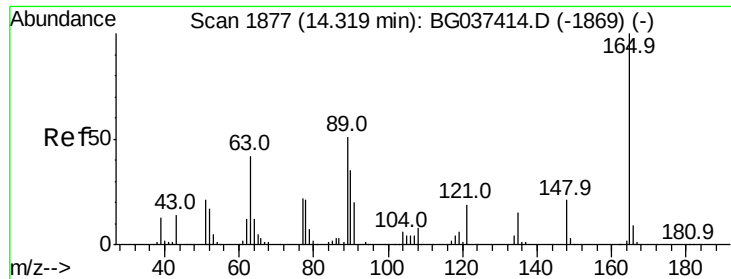
Abundance

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

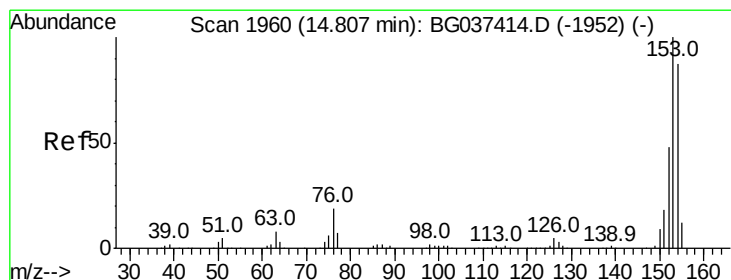
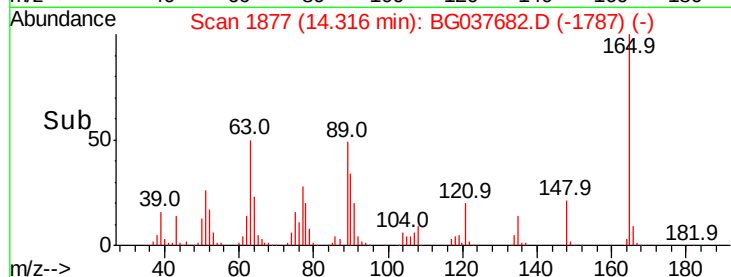
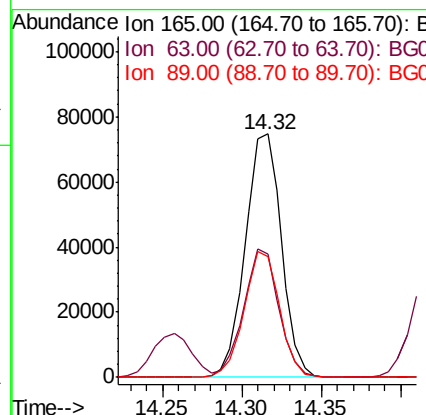
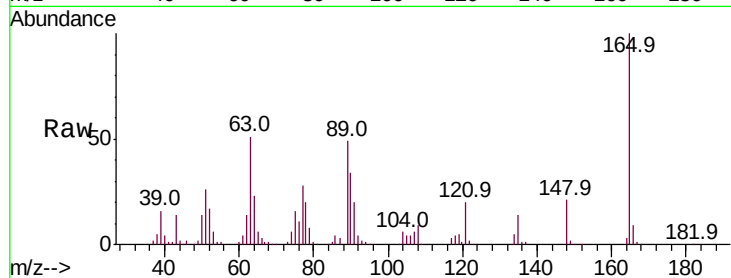




#51
 2,6-Dinitrotoluene
 Concen: 43.259 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

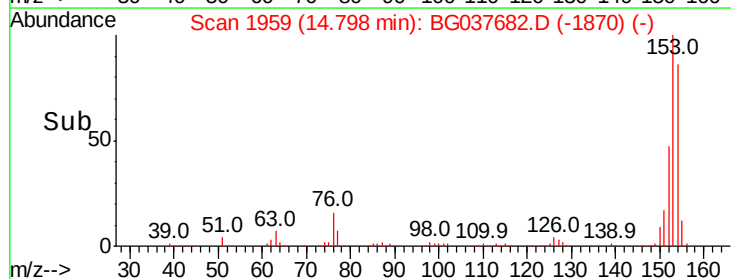
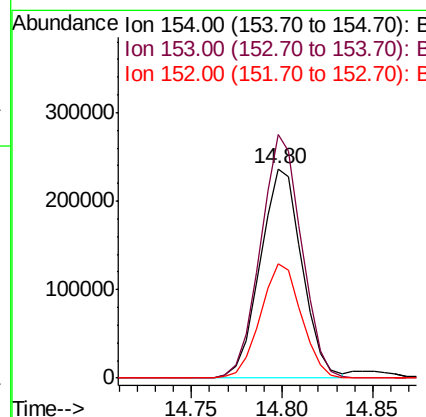
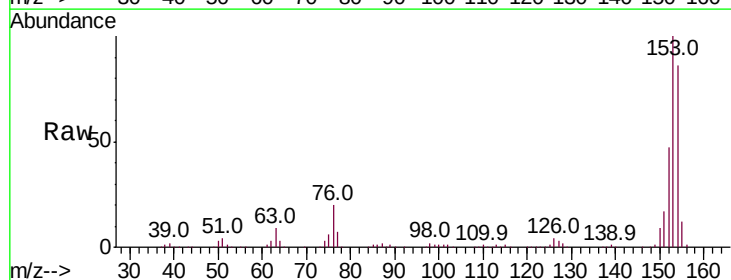
Instrument :
 BNA_G
 ClientSampled :

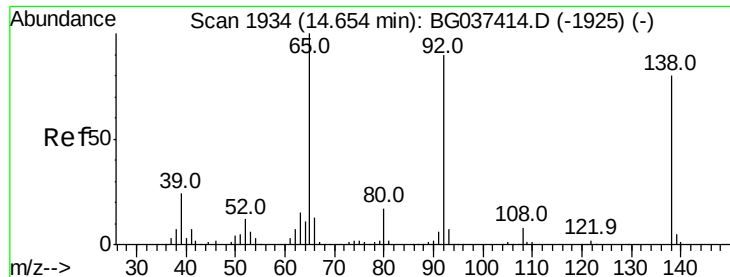
Tot Ion:165 Resp: 117920
 Ion Ratio Lower Upper
 165 100
 63 50.7 43.4 65.2
 89 49.5 45.8 68.6



#52
 Acenaphthene
 Concen: 41.323 ng
 RT: 14.80 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion:154 Resp: 382047
 Ion Ratio Lower Upper
 154 100
 153 116.2 93.4 140.0
 152 54.7 44.7 67.1

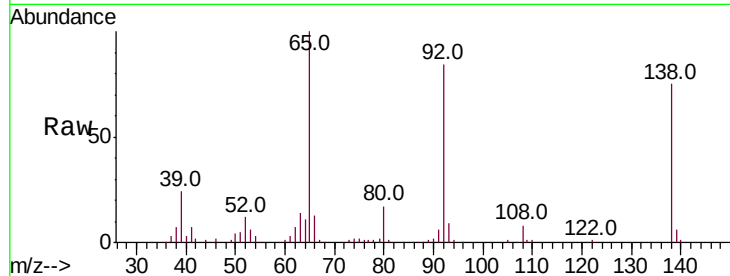




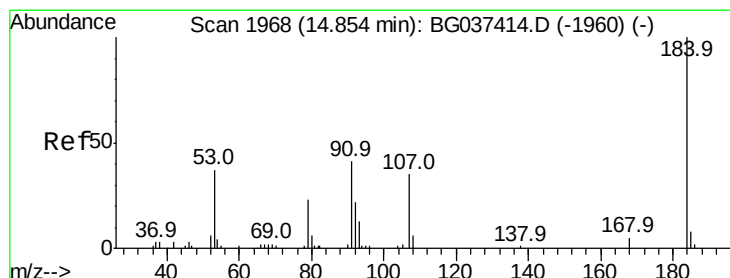
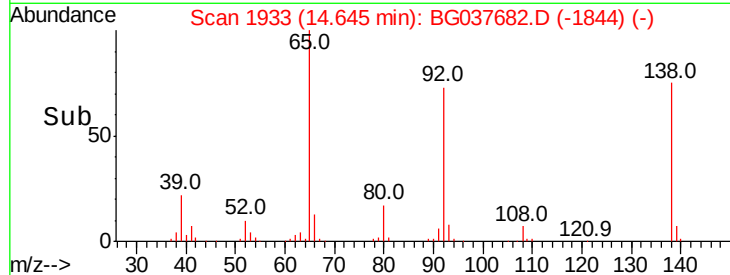
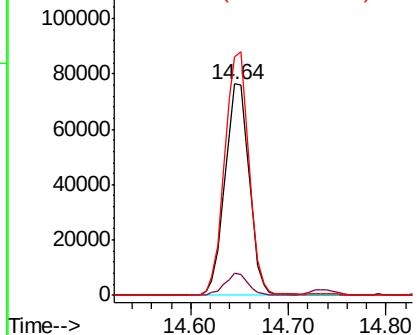
#53
 3-Nitroaniline
 Concen: 43.822 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:138 Resp: 132611
 Ion Ratio Lower Upper
 138 100
 108 10.2 11.0 16.6#
 92 112.7 95.2 142.8

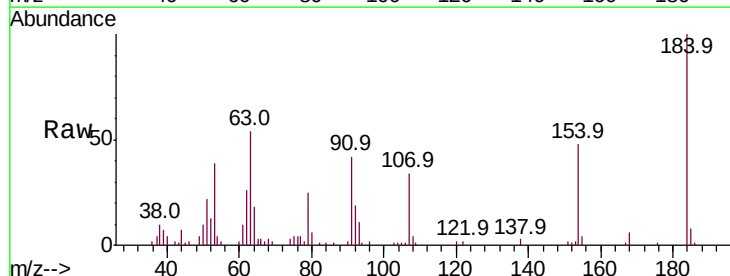


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

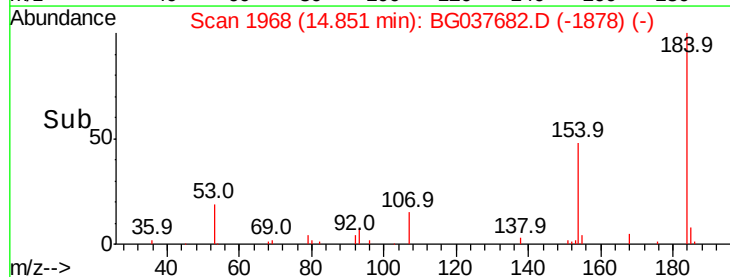
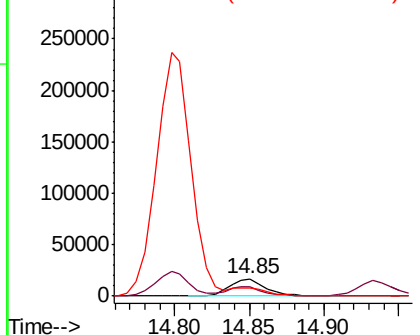


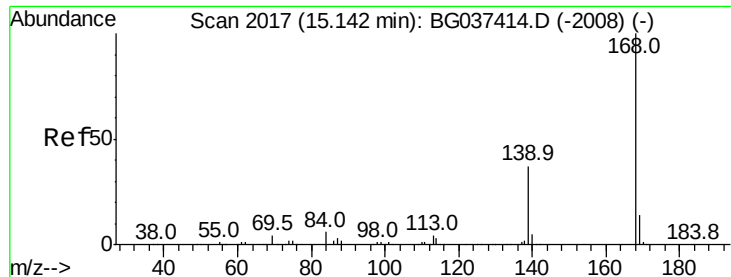
#54
 2,4-Dinitrophenol
 Concen: 37.157 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion:184 Resp: 28087
 Ion Ratio Lower Upper
 184 100
 63 54.0 42.6 63.8
 154 47.8 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

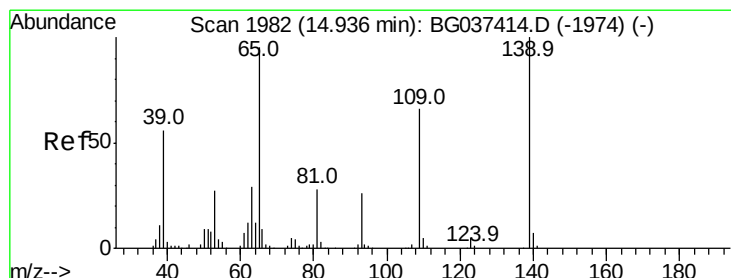
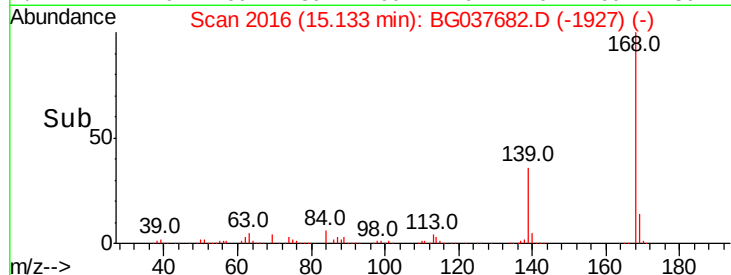
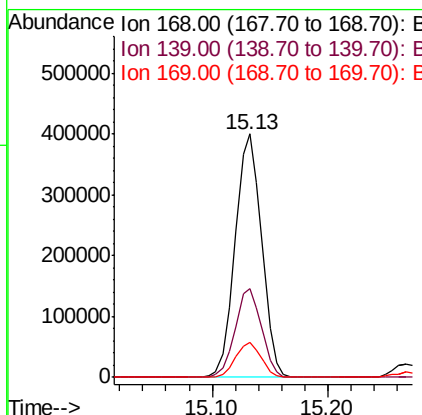
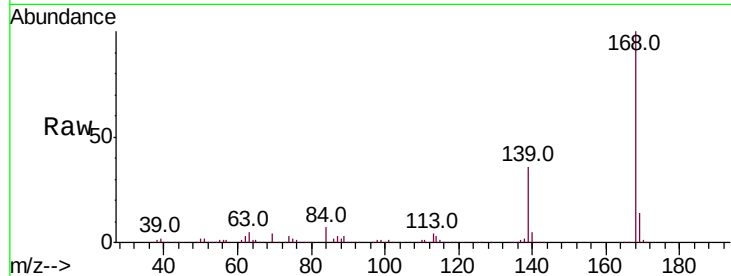




#55
Dibenzofuran
Concen: 41.331 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

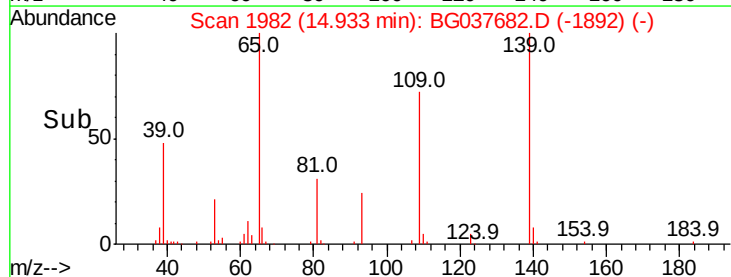
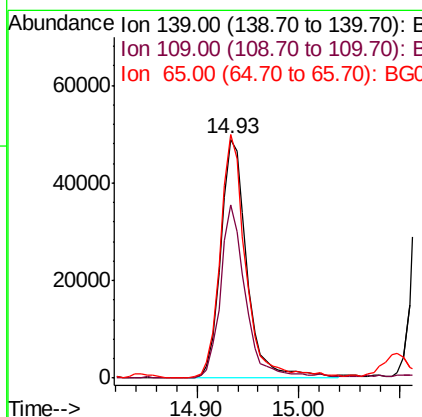
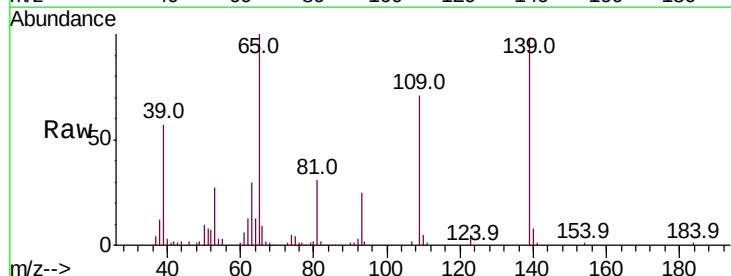
Instrument :
BNA_G
ClientSampleId :

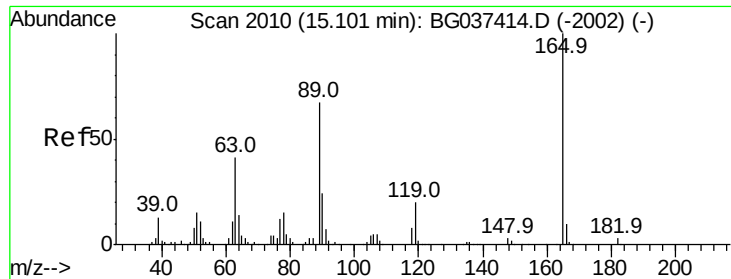
Tot Ion:168 Resp: 633111
Ion Ratio Lower Upper
168 100
139 36.4 29.4 44.0
169 14.2 11.0 16.6



#56
4-Nitrophenol
Concen: 39.129 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion:139 Resp: 87645
Ion Ratio Lower Upper
139 100
109 72.4 49.5 89.5
65 101.8 76.8 116.8

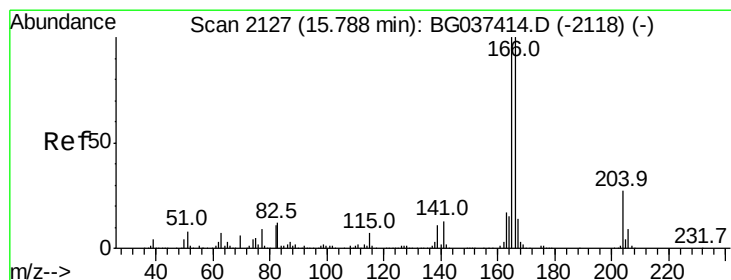
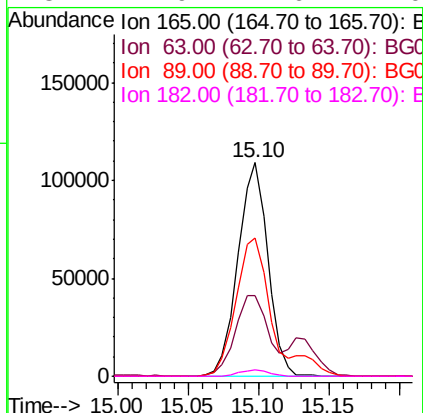
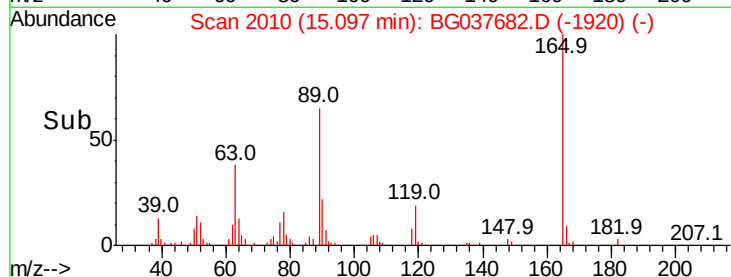
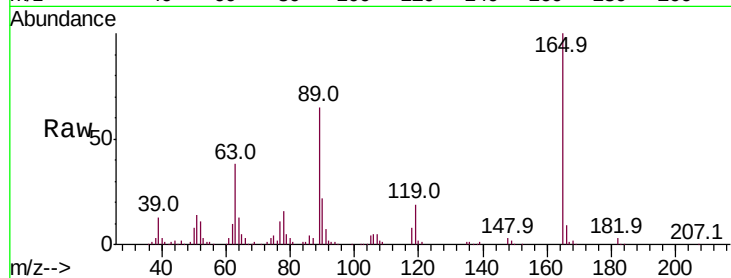




#57
 2,4-Dinitrotoluene
 Concen: 45.084 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

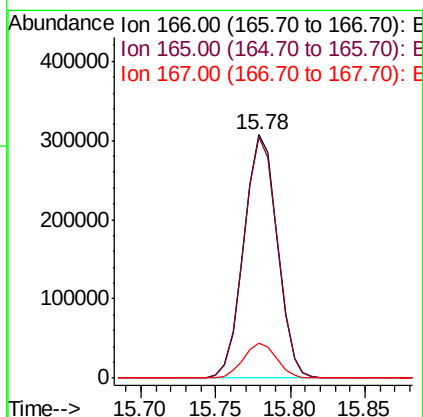
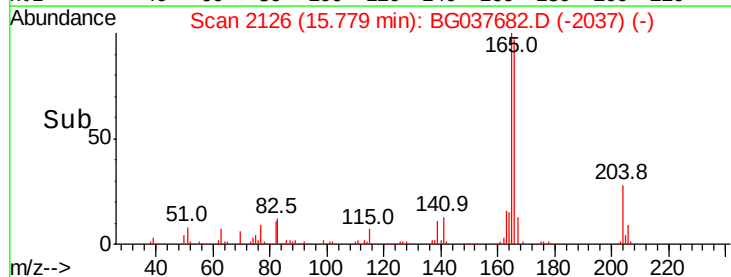
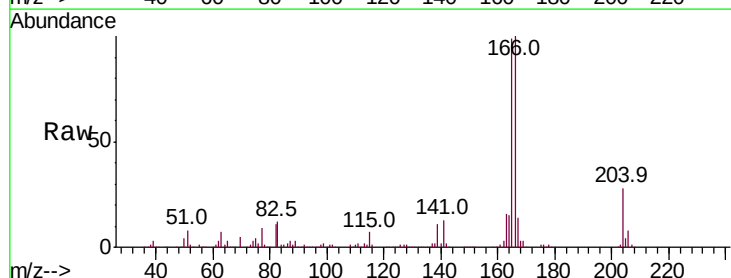
Instrument :
 BNA_G
 ClientSampleId :

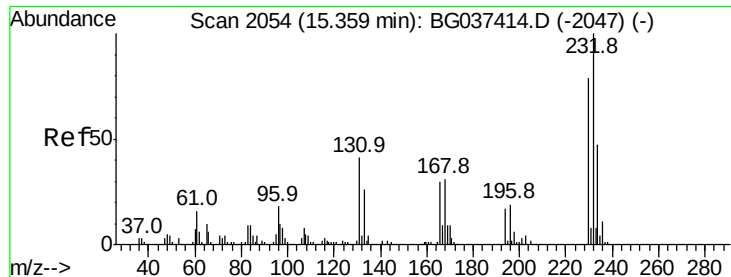
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	33.4	50.0
89	64.8	57.2	85.8
182	2.9	2.6	4.0



#58
 Fluorene
 Concen: 41.348 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	14.2	11.3	16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.898 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 134058

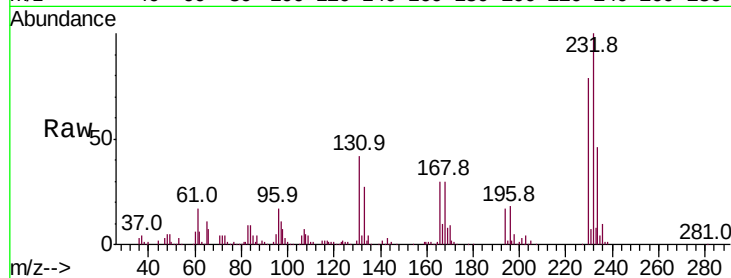
Ion Ratio Lower Upper

232 100

131 42.4 33.7 50.5

130 2.4 2.1 3.1

166 31.5 24.6 36.8

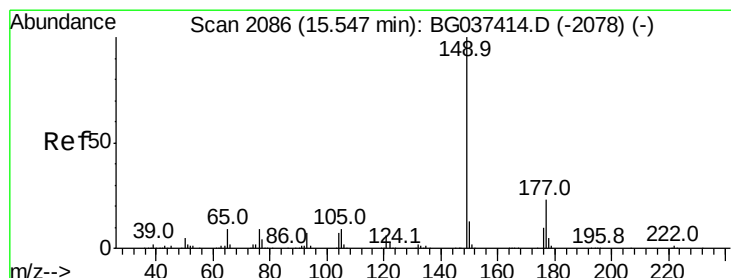
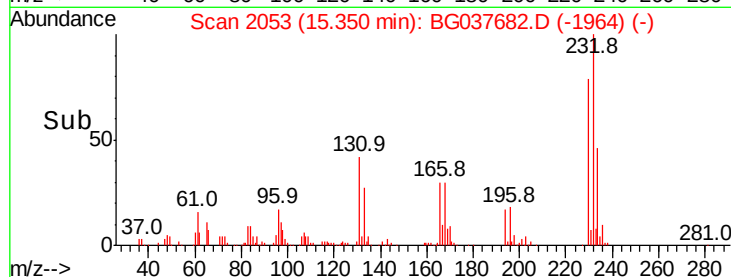
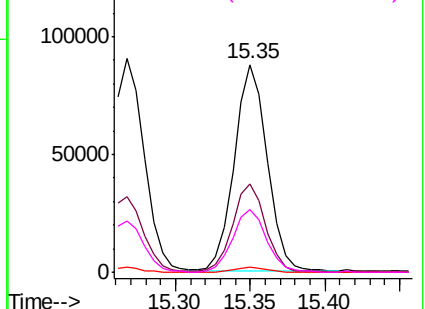


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.157 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

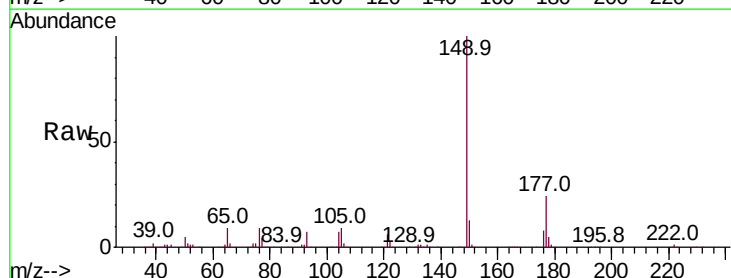
Tgt Ion:149 Resp: 520655

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

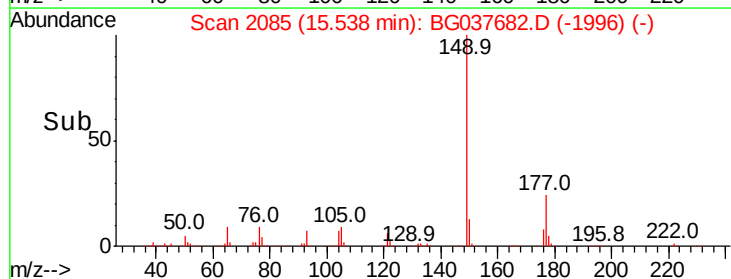
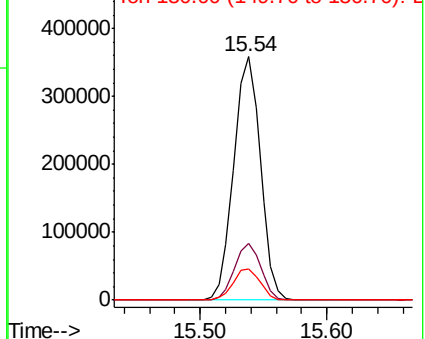
150 12.6 10.0 15.0

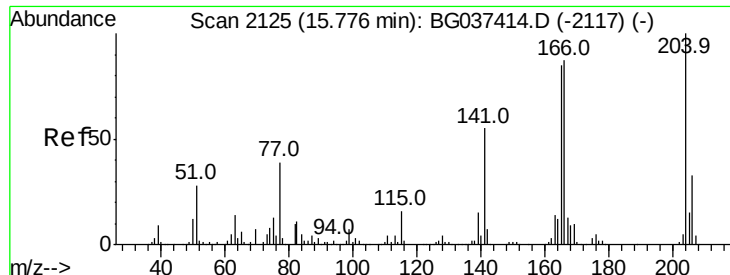


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

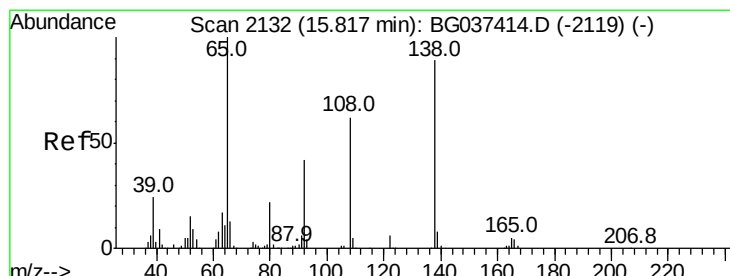
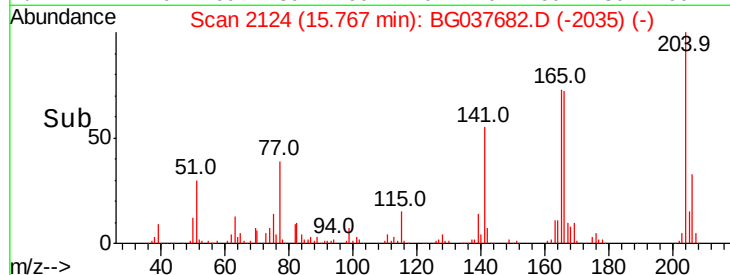
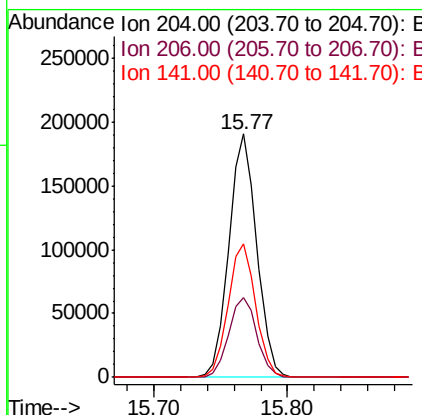
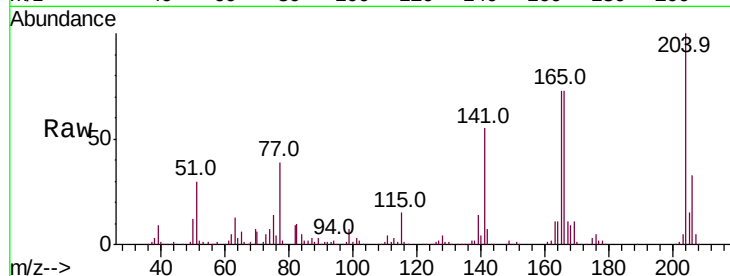




#61
 4-Chlorophenyl-phenylether
 Concen: 41.353 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

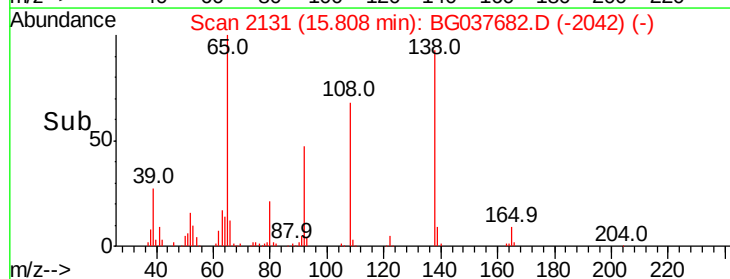
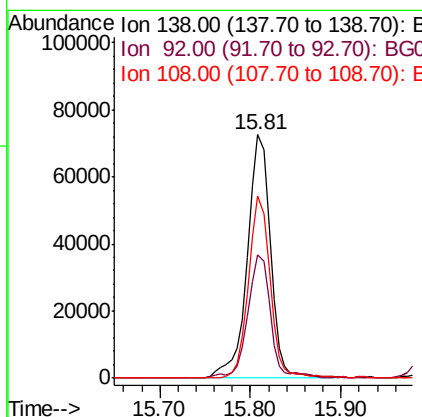
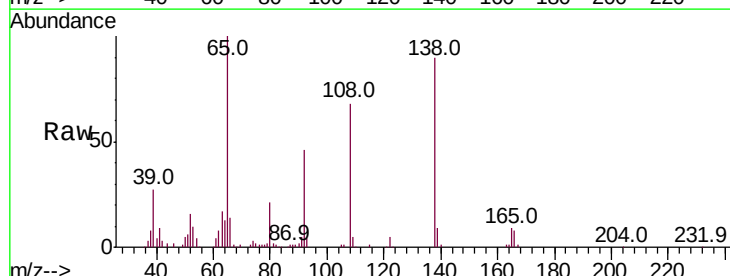
Instrument :
 BNA_G
 ClientSampled :

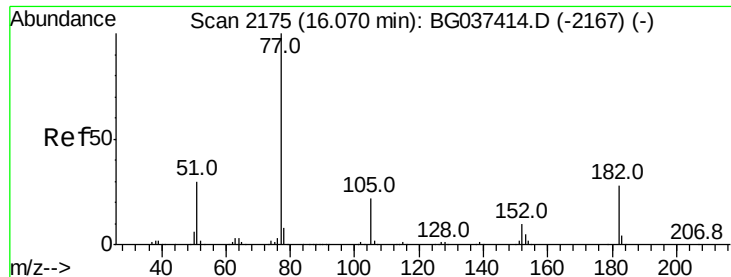
Tot Ion:204 Resp: 276488
 Ion Ratio Lower Upper
 204 100
 206 32.7 26.6 39.8
 141 55.0 45.4 68.2



#62
 4-Nitroaniline
 Concen: 42.875 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion:138 Resp: 128923
 Ion Ratio Lower Upper
 138 100
 92 50.6 36.4 76.4
 108 75.0 60.1 100.1





#63

Azobenzene

Concen: 41.295 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 498431

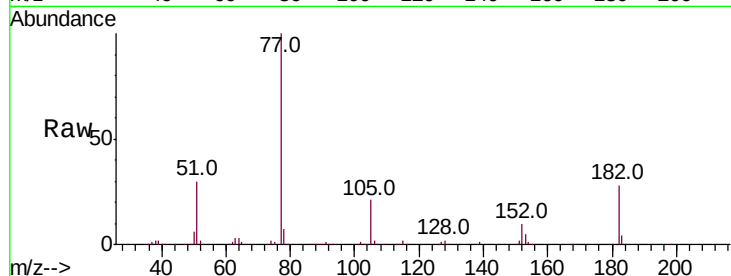
Ion Ratio Lower Upper

77 100

182 28.3 8.0 48.0

105 21.3 1.3 41.3

51 30.0 10.7 50.7

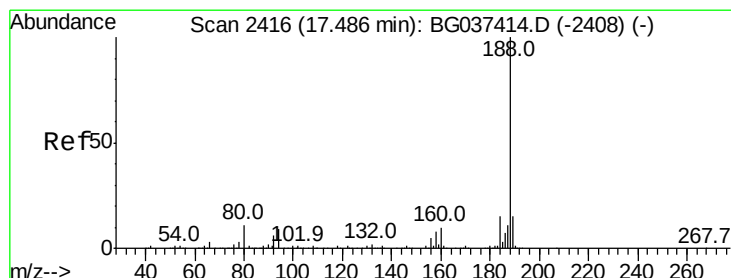
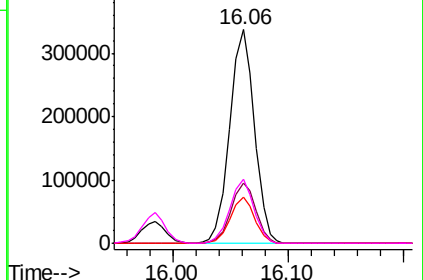
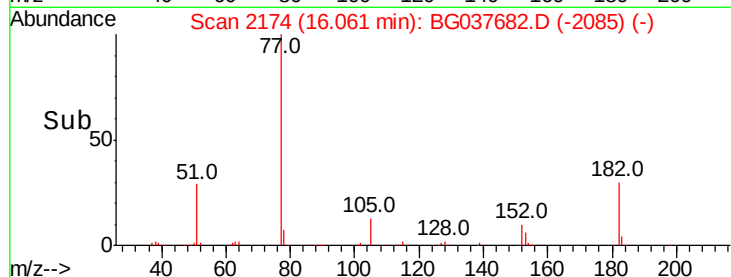


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

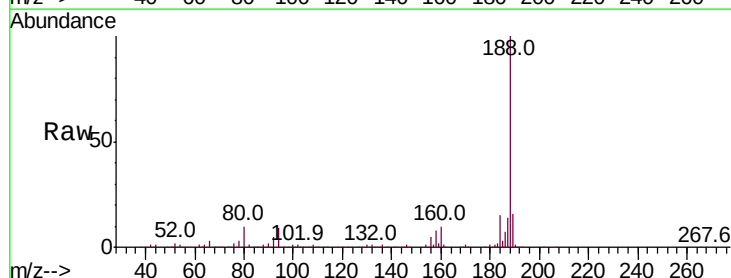
Tgt Ion: 188 Resp: 373966

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

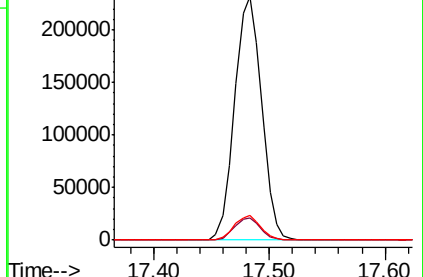
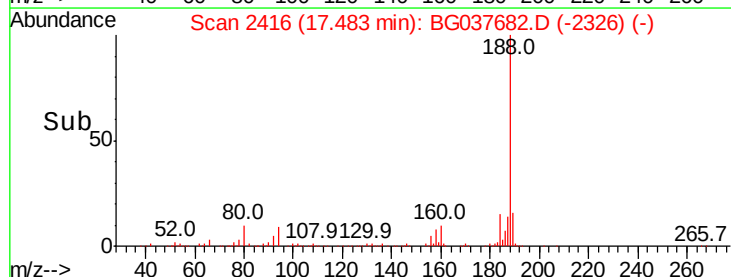
80 10.2 7.7 11.5

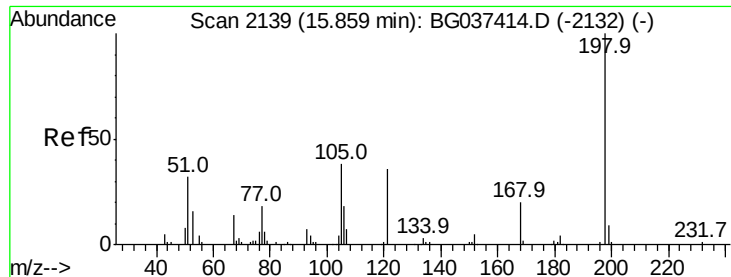


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.420 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

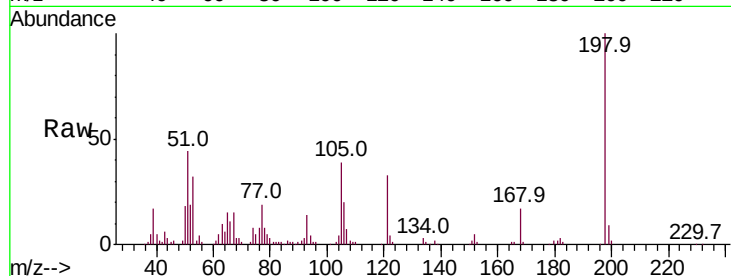
Tot Ion:198 Resp: 76116

Ion Ratio Lower Upper

198 100

51 44.0 22.7 62.7

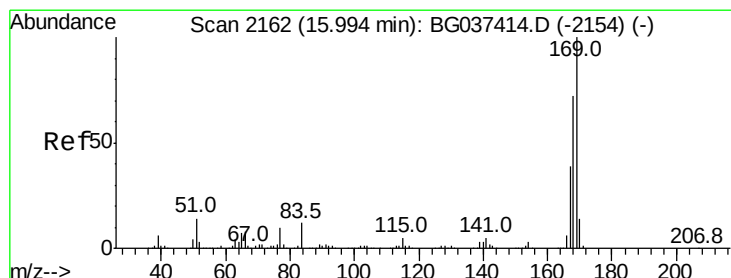
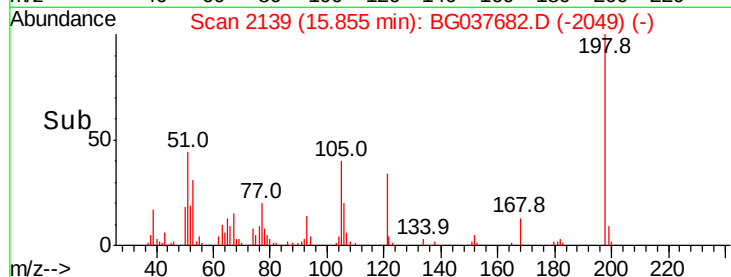
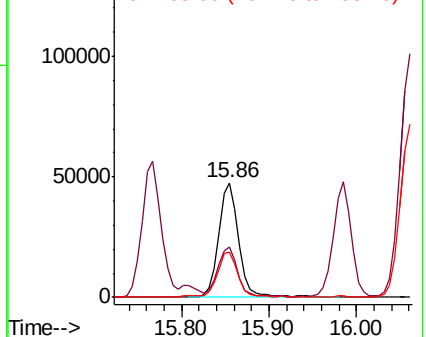
105 39.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.384 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

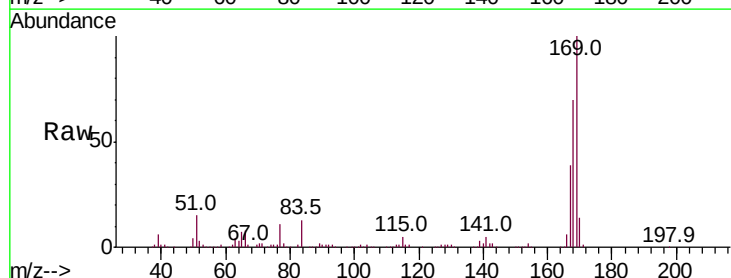
Tgt Ion:169 Resp: 465530

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

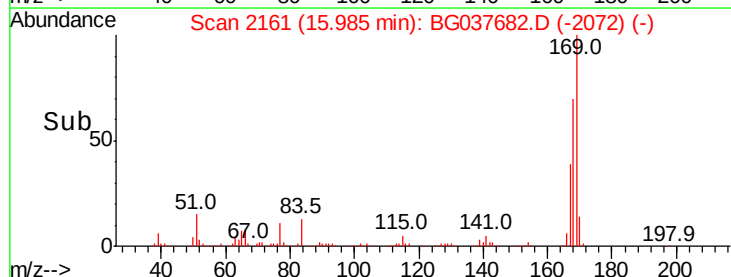
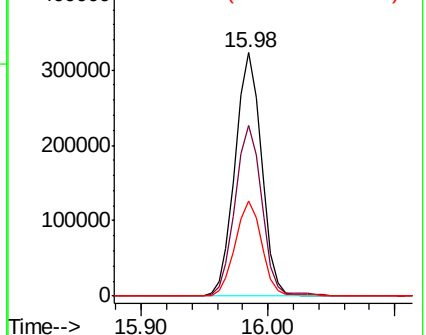
167 39.2 31.3 46.9

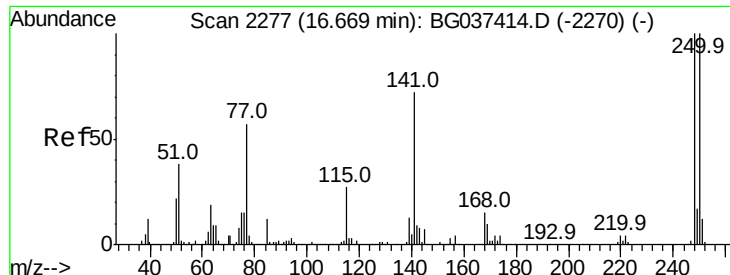


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 41.862 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

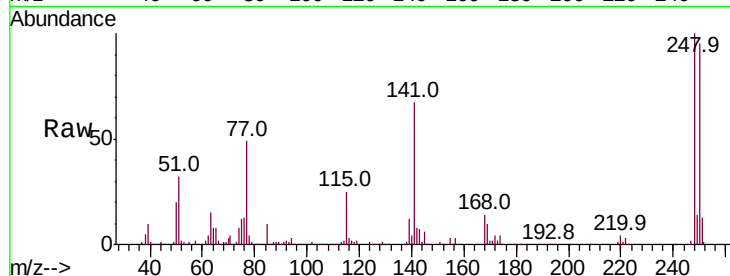
Instrument :

BNA_G

ClientSampleId :

Tot Ion:248 Resp: 171917

Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.0	115.6
141	67.0	55.5	83.3

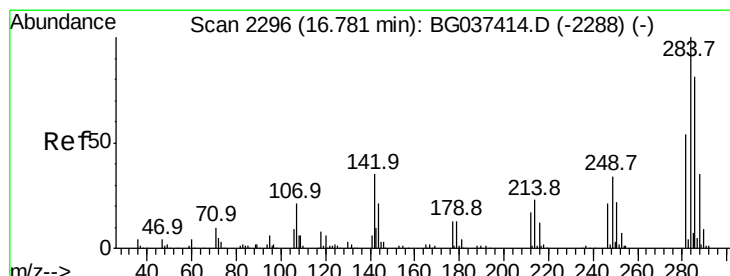
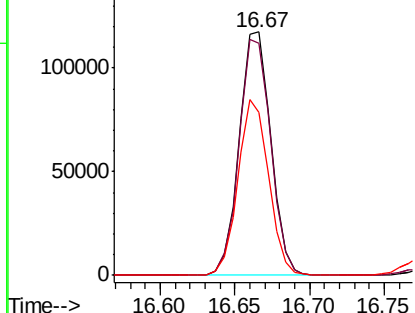
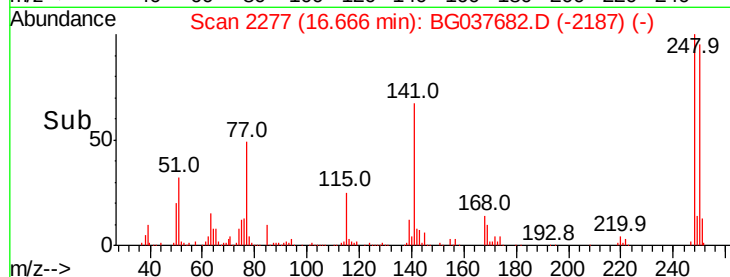


Abundance

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: 40.690 ng

RT: 16.77 min Scan# 2295

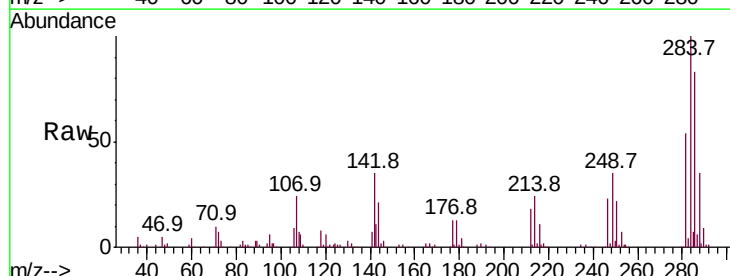
Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion:284 Resp: 173189

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.1	42.1
249	38.1	29.8	44.8

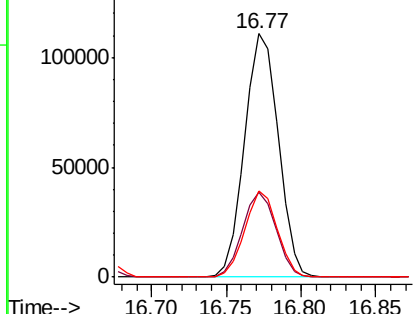
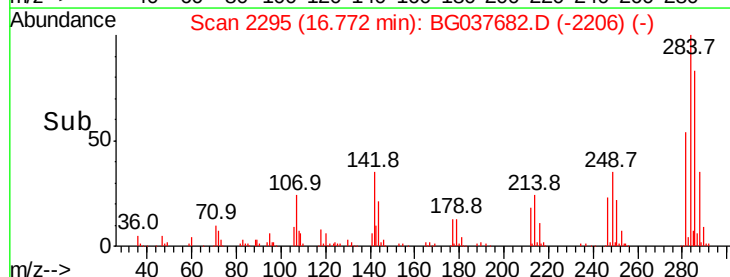


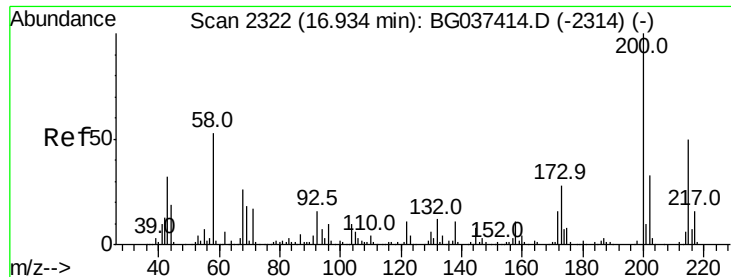
Abundance

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

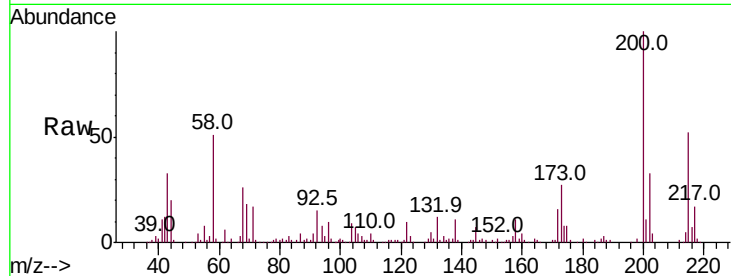




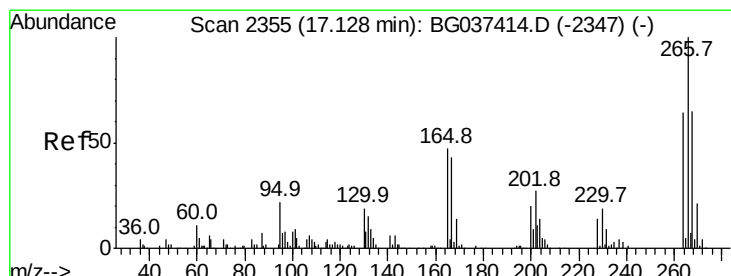
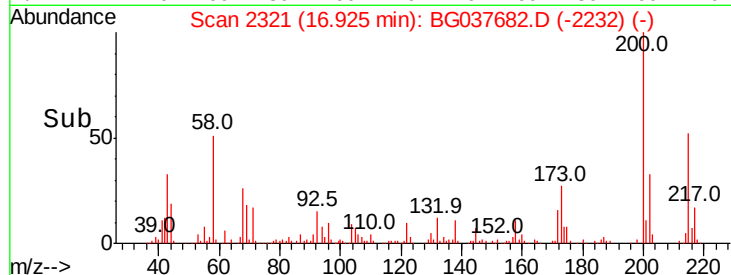
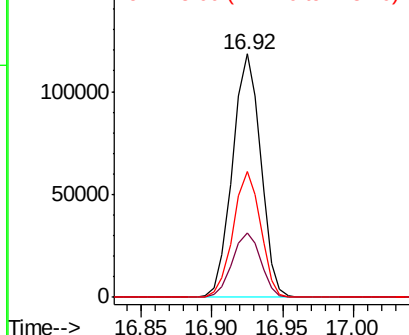
#69
 Atrazine
 Concen: 40.589 ng
 RT: 16.92 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 165078
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.1 46.1
 215 51.7 30.8 70.8

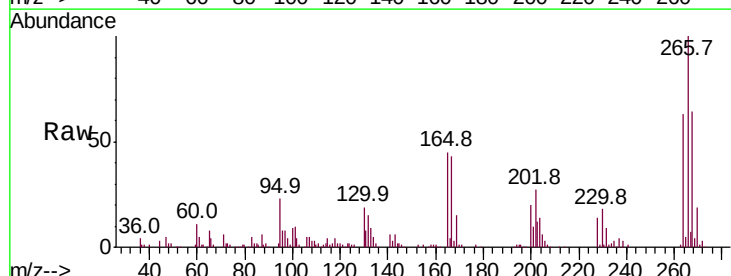


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

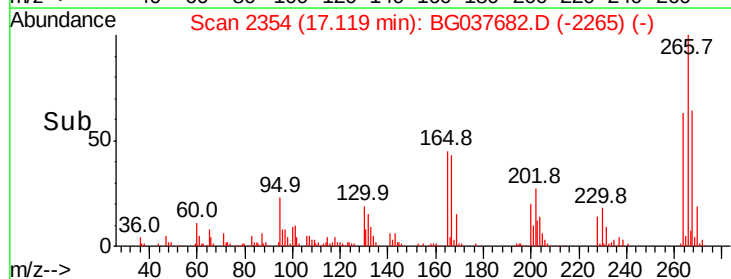
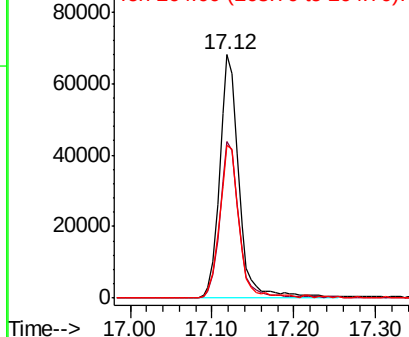


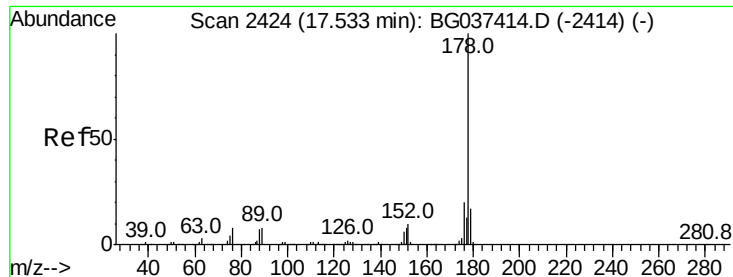
#70
 Pentachlorophenol
 Concen: 39.263 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037682.D
 Acq: 31 Oct 2018 13:41

Tgt Ion:266 Resp: 111938
 Ion Ratio Lower Upper
 266 100
 268 68.1 55.0 82.6
 264 67.9 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

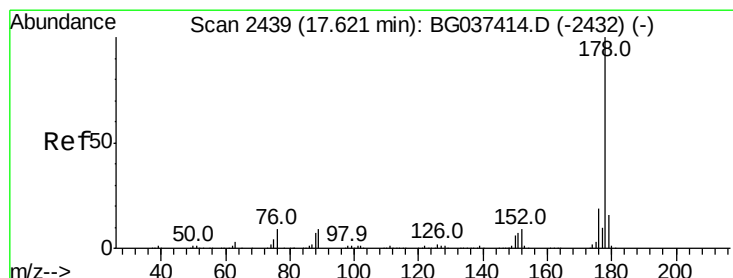
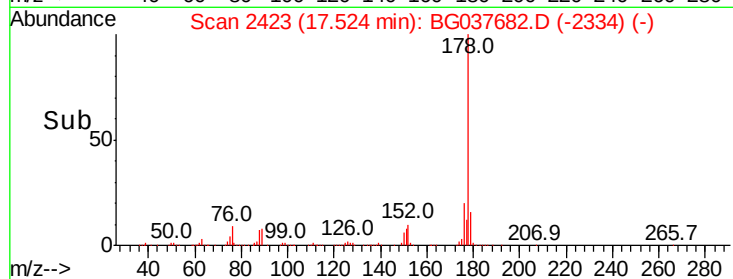
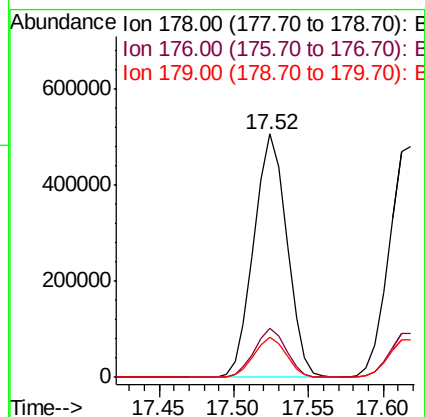
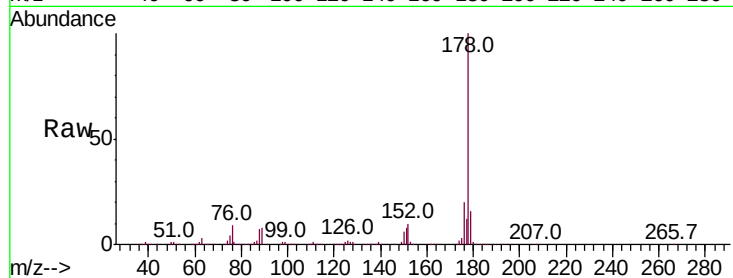




#71
Phenanthrene
Concen: 40.921 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

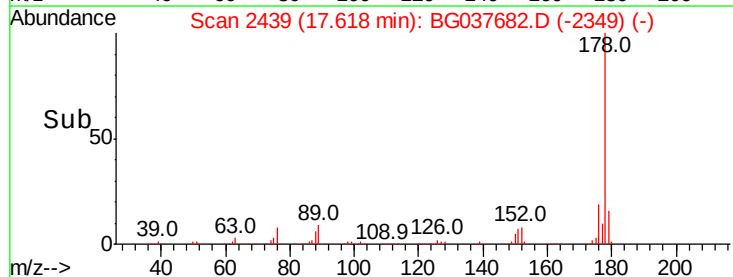
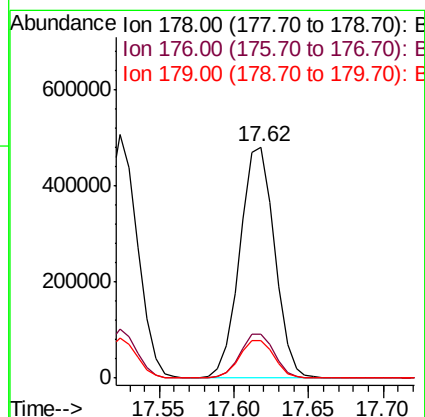
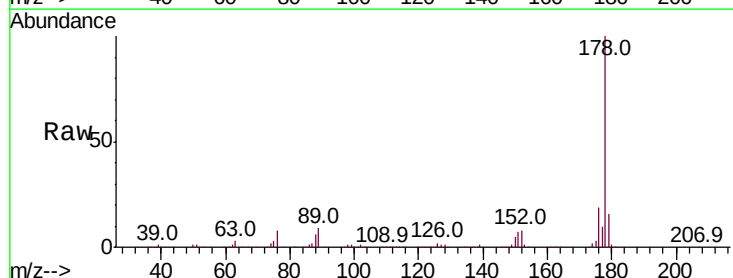
Instrument :
BNA_G
ClientSampleId :

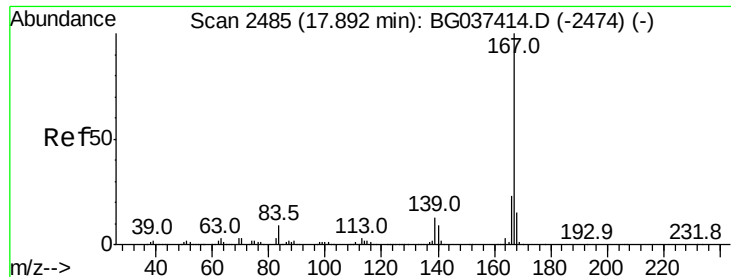
Tot Ion:178 Resp: 777750
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.4 13.0 19.4



#72
Anthracene
Concen: 41.381 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion:178 Resp: 771832
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 16.4 12.8 19.2





#73

Carbazole

Concen: 41.321 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

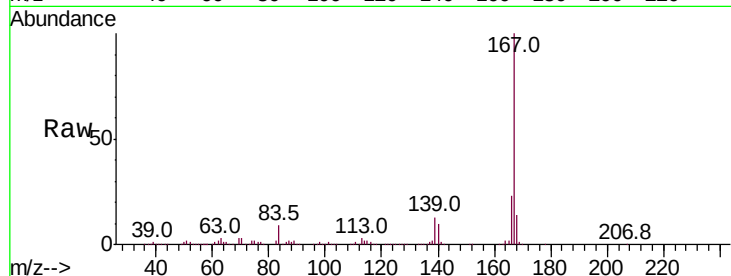
Tot Ion:167 Resp: 770941

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.3	27.5
139	12.5	10.5	15.7

167 100

166 23.4 18.3 27.5

139 12.5 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

17.89

600000

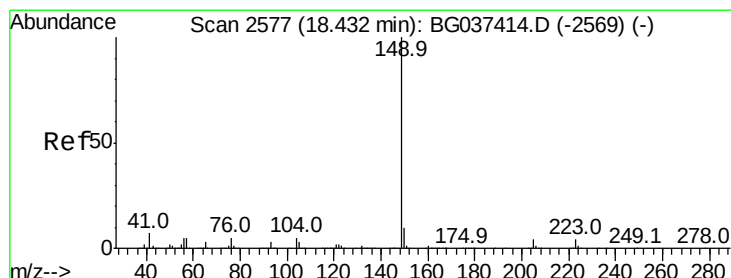
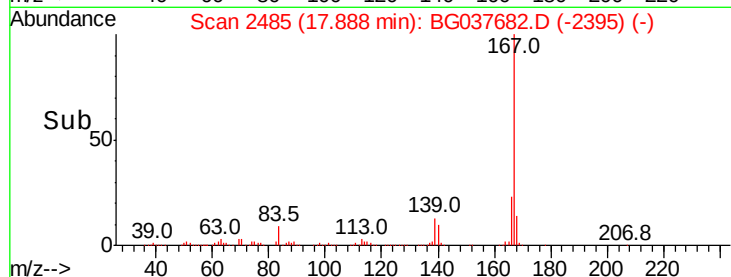
400000

200000

0

Time-->

17.80 17.90 18.00



#74

Di-n-butylphthalate

Concen: 42.404 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

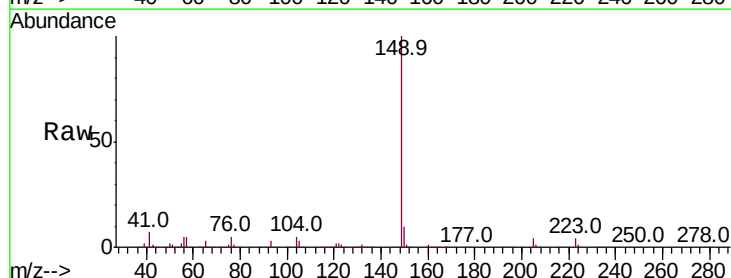
Tgt Ion:149 Resp: 880074

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	5.0	4.0	6.0

149 100

150 9.9 8.2 12.2

104 5.0 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

18.42

800000

600000

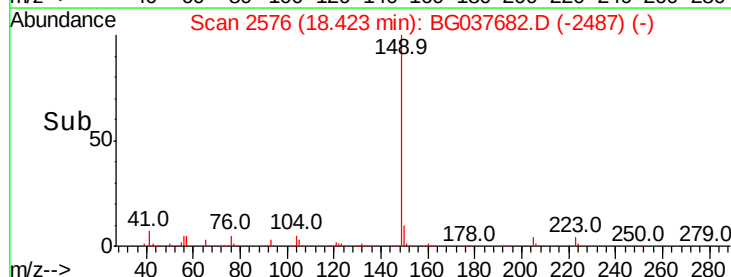
400000

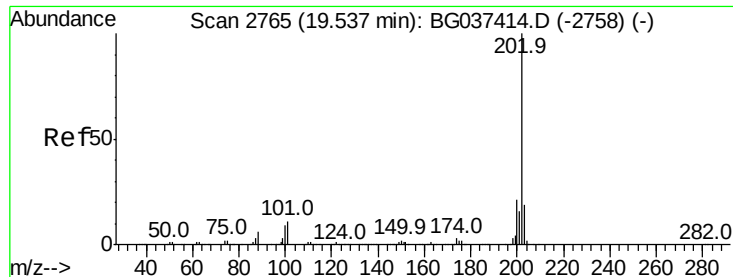
200000

0

Time-->

18.30 18.40 18.50





#75

Fluoranthene

Concen: 40.682 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037682.D

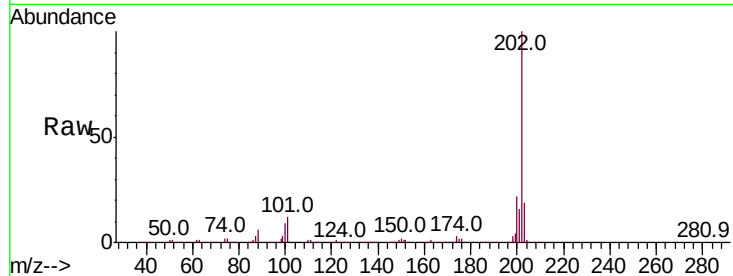
Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

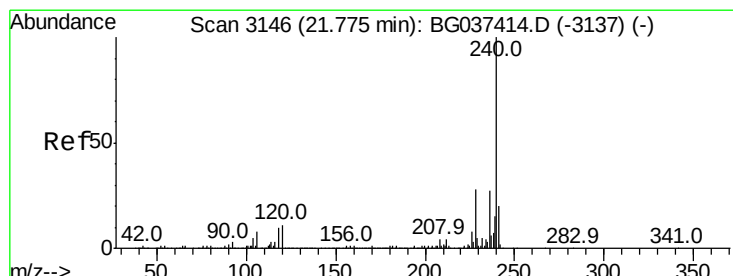
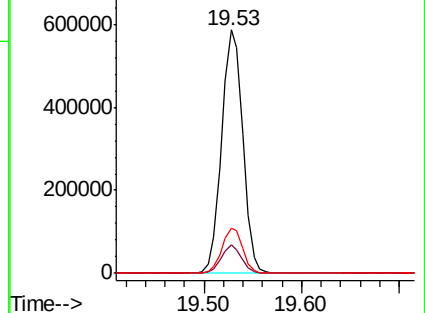
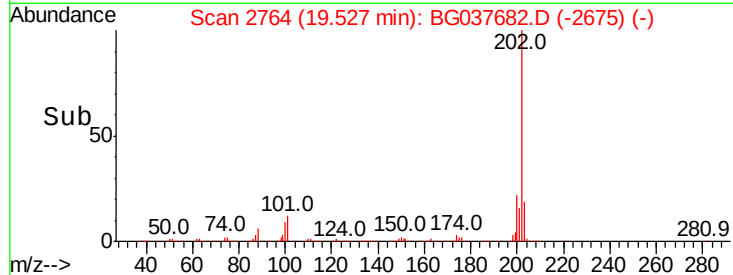
Tot Ion:	202	Resp:	876957
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.7
203	18.6	0.0	38.5



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

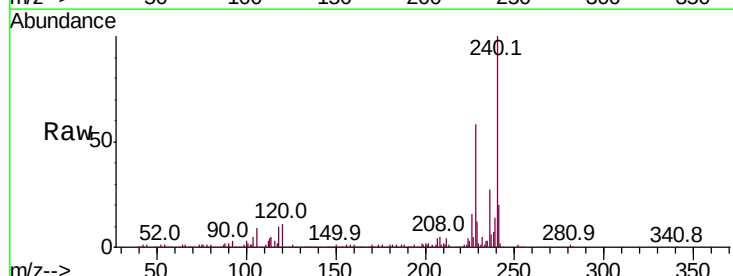
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

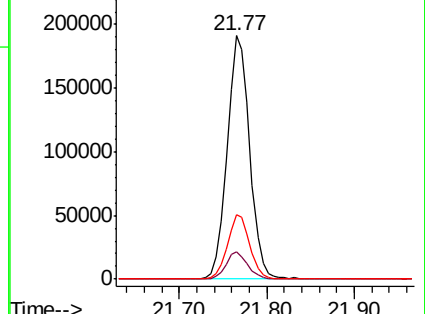
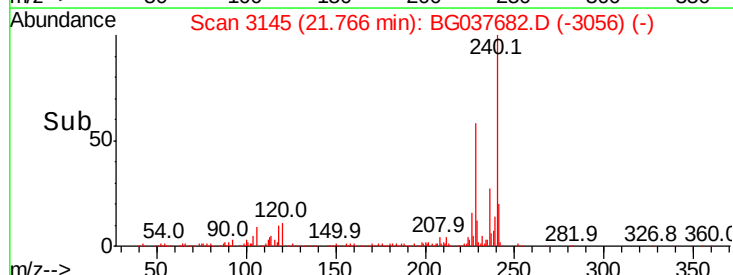
Tgt Ion:	240	Resp:	336653
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.6	21.4	32.0

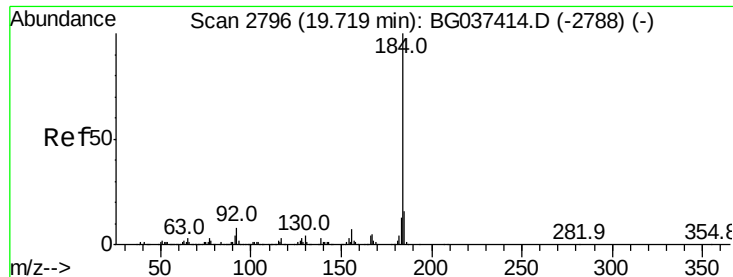


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.486 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

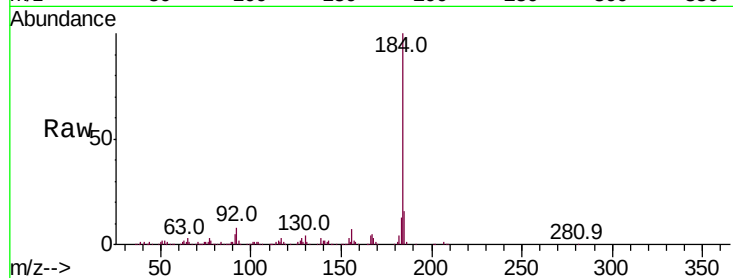
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 383313

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.6	18.8
183	12.6	10.2	15.2

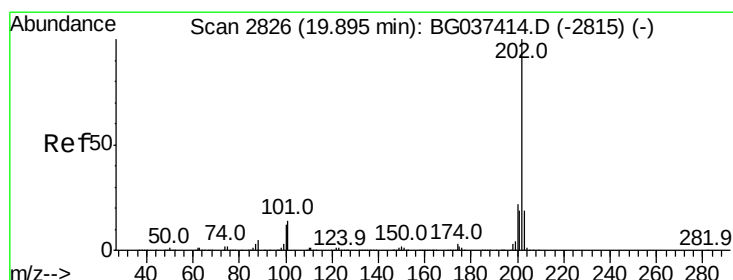
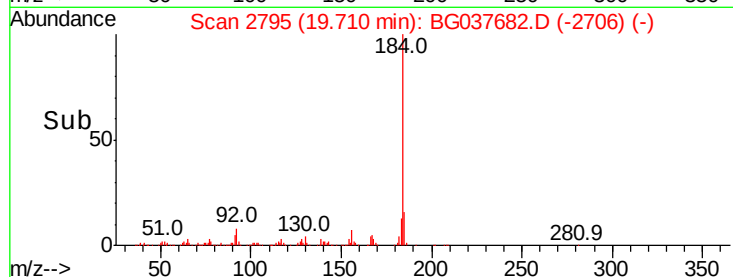
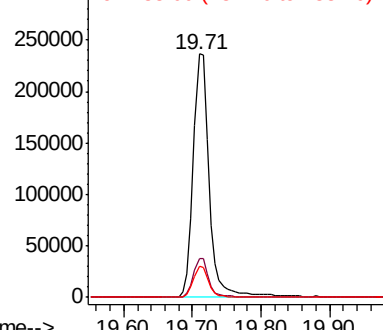


Abundance

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: 40.819 ng

RT: 19.89 min Scan# 2826

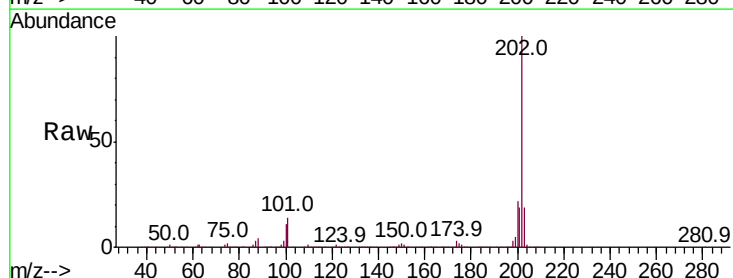
Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion:202 Resp: 898325

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.8	26.6
203	19.3	15.2	22.8

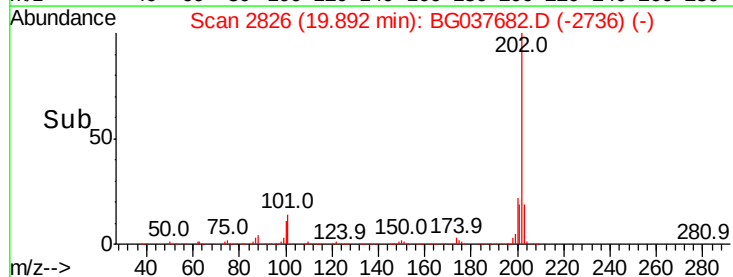
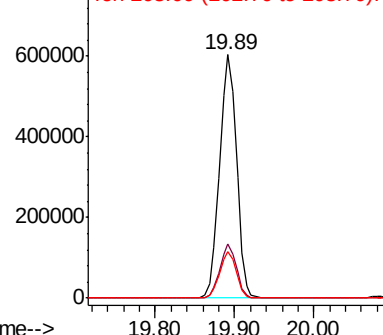


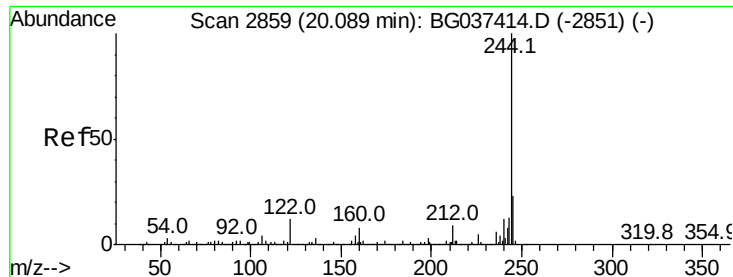
Abundance

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: 82.787 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

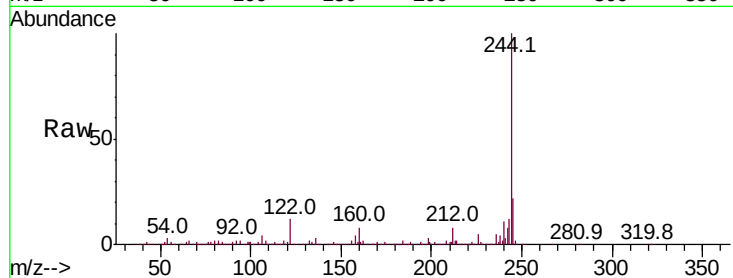
Tot Ion:244 Resp: 1304328

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

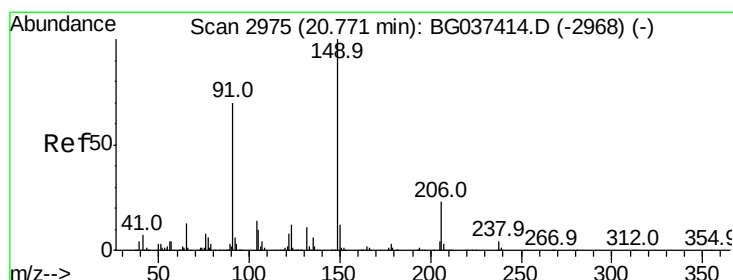
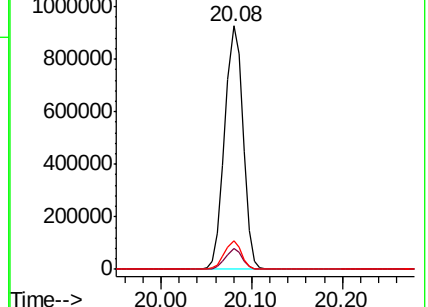
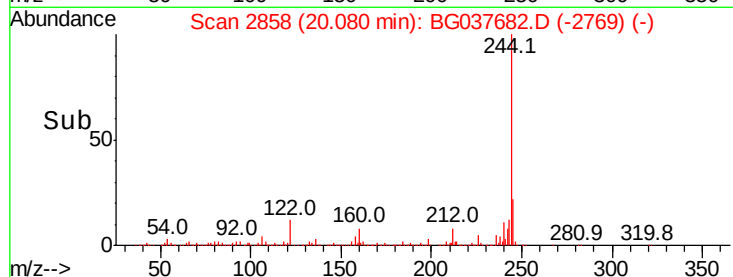
122 11.6 9.0 13.4



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: 43.288 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

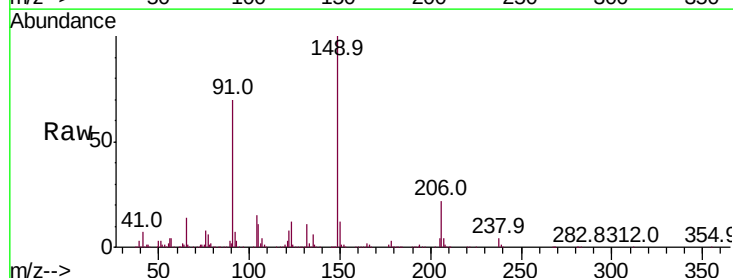
Tgt Ion:149 Resp: 389889

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

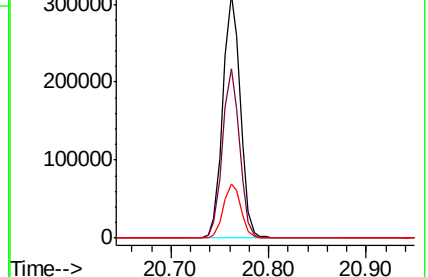
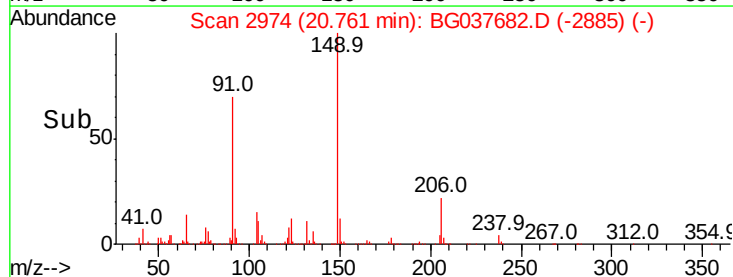
206 22.4 17.8 26.6

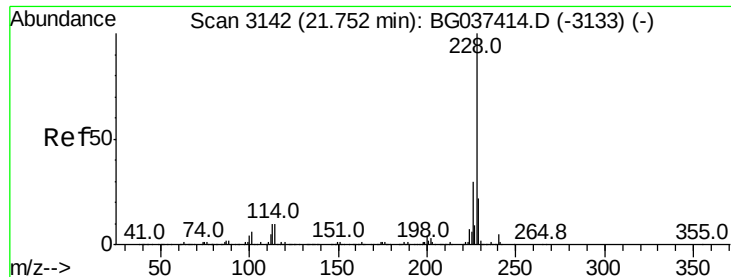


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.955 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

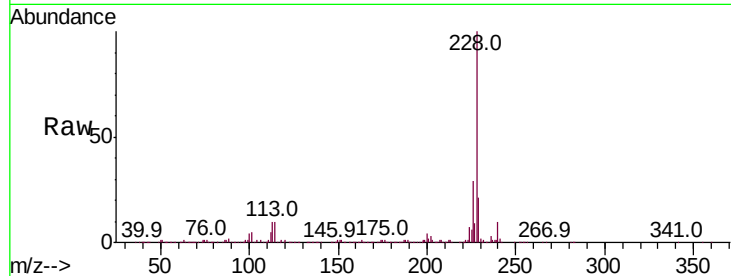
Tot Ion:228 Resp: 815533

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

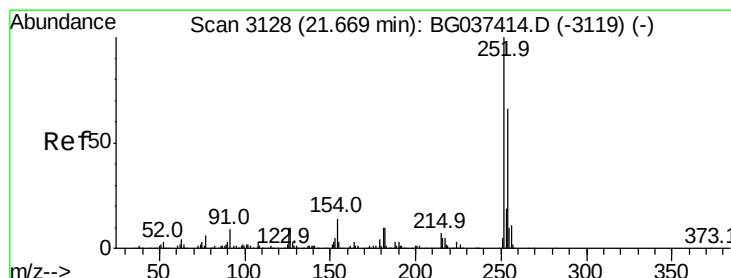
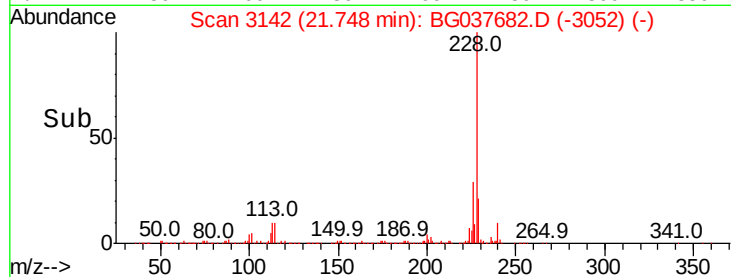
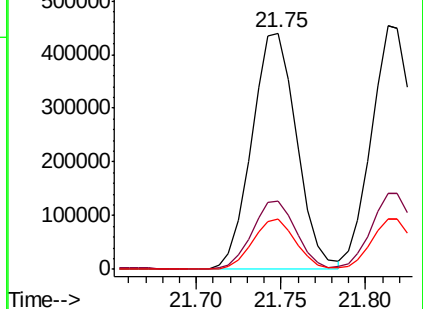
229 21.1 16.3 24.5



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: 40.761 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

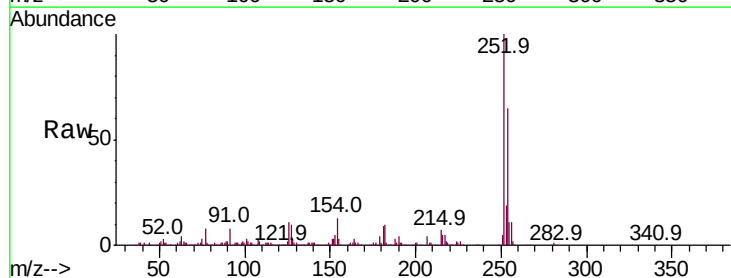
Tgt Ion:252 Resp: 314604

Ion Ratio Lower Upper

252 100

254 64.6 52.0 78.0

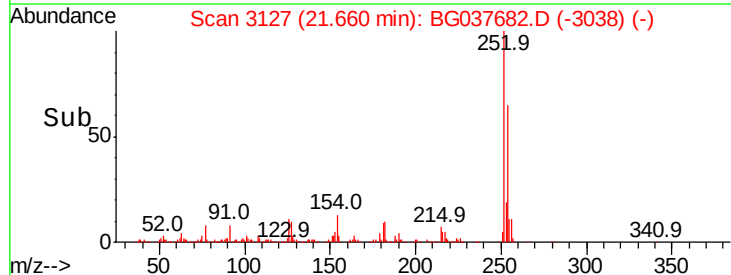
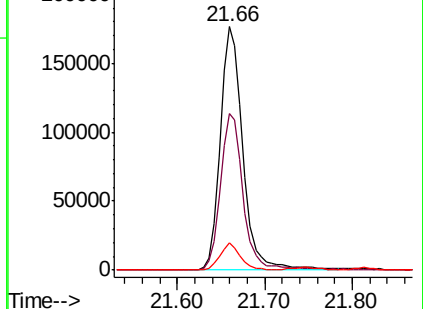
126 11.0 8.2 12.4

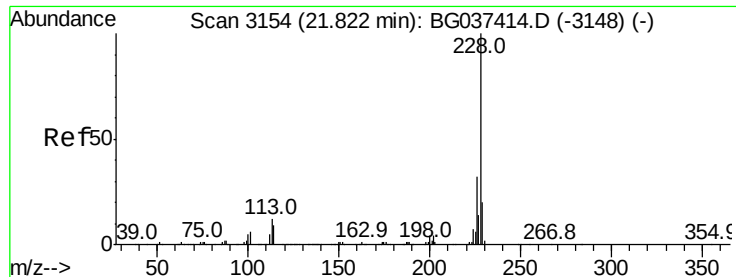


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.729 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

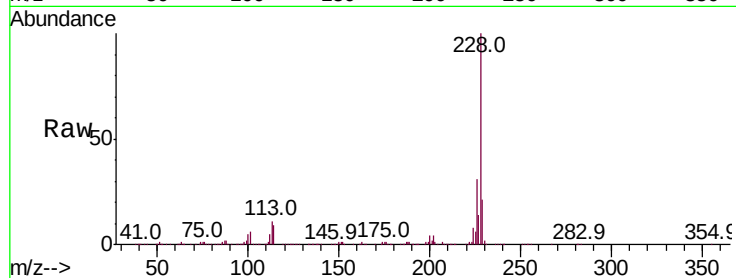
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 779866

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.7	38.5
229	20.8	16.5	24.7

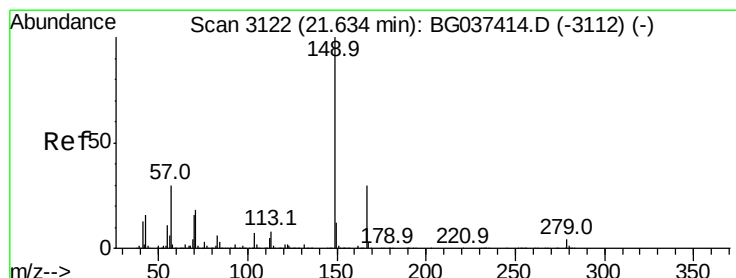
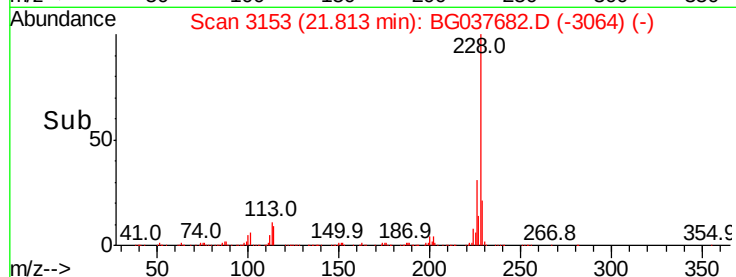
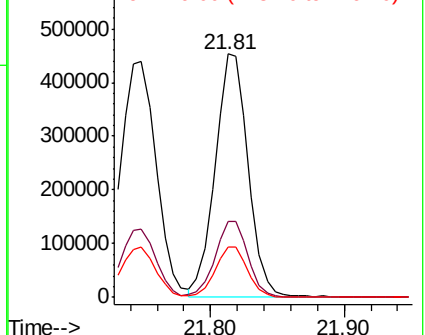


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.373 ng

RT: 21.62 min Scan# 3120

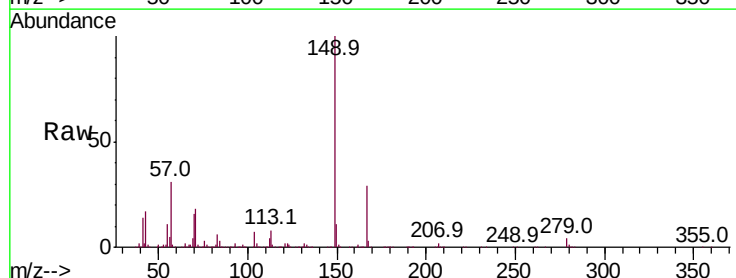
Delta R.T. -0.02 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Tgt Ion:149 Resp: 547587

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	4.1	3.6	5.4

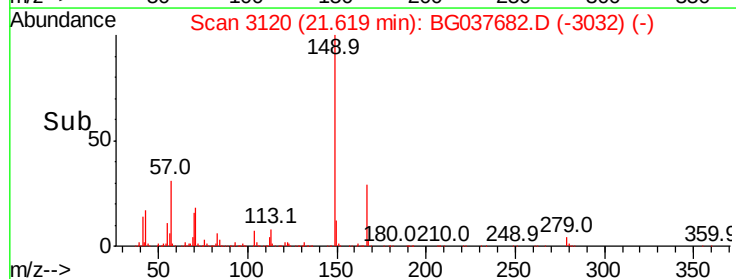
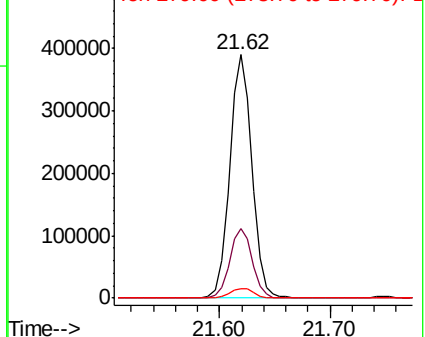


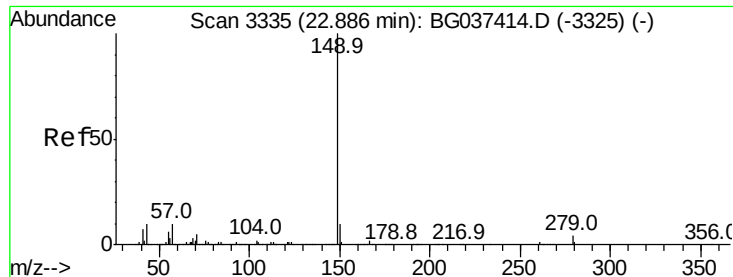
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.206 ng

RT: 22.86 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

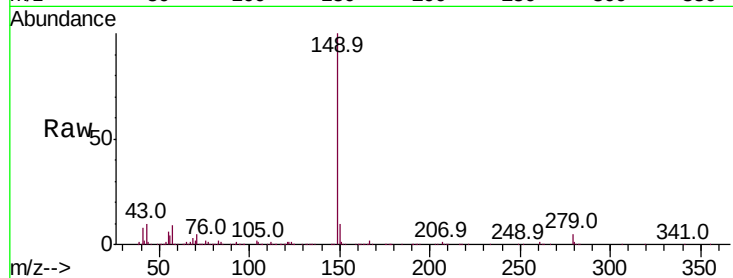
Tot Ion:149 Resp: 910080

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

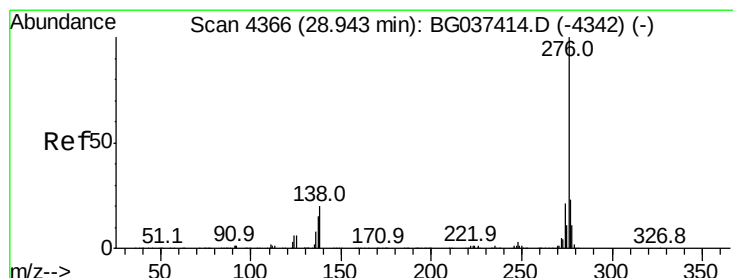
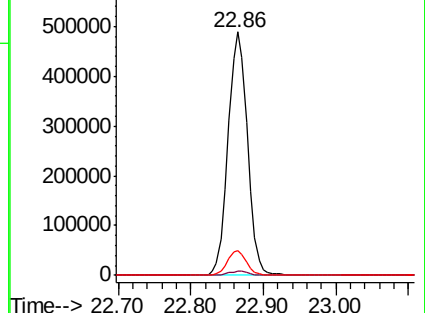
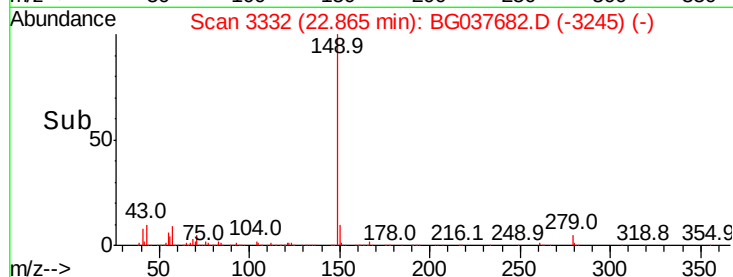
43 10.1 8.7 13.1



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: 36.233 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.02 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

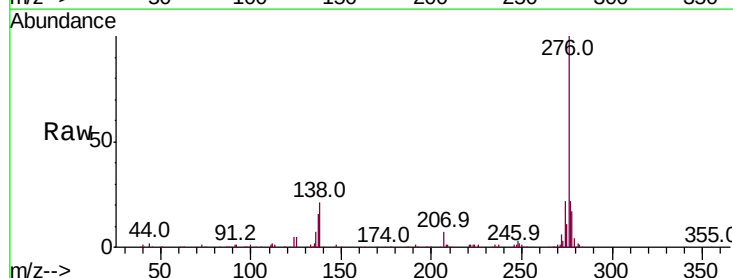
Tgt Ion:276 Resp: 744121

Ion Ratio Lower Upper

276 100

138 13.3 12.0 18.0

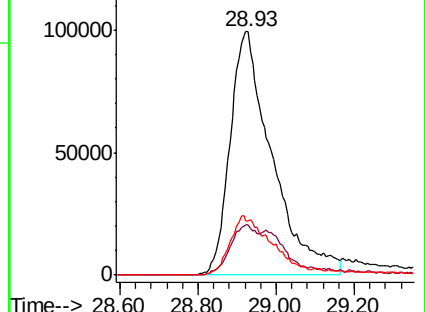
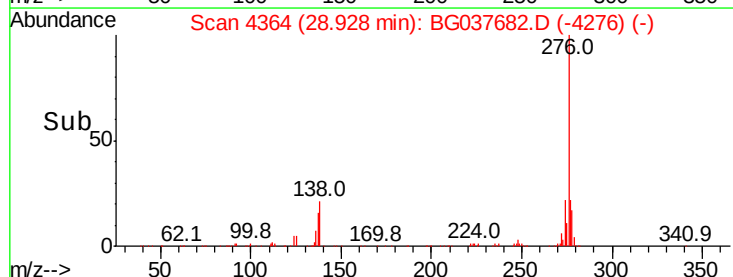
277 24.1 20.6 30.8

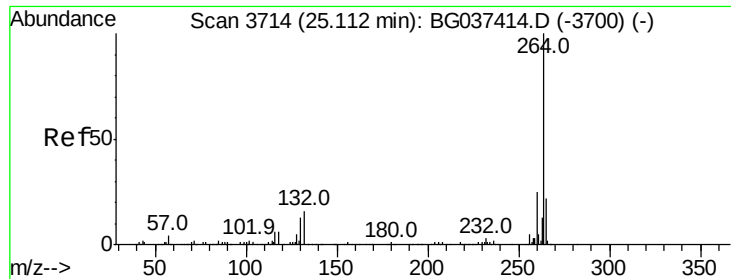


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

Instrument :

BNA_G

ClientSampleId :

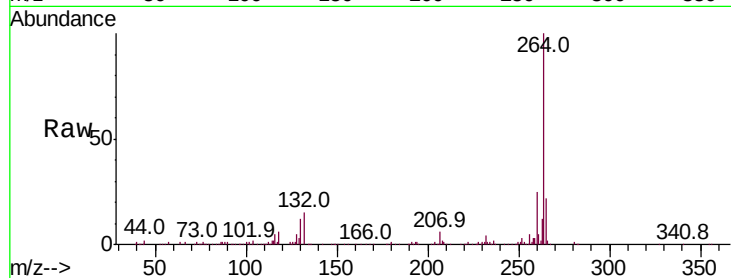
Tot Ion:264 Resp: 343925

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

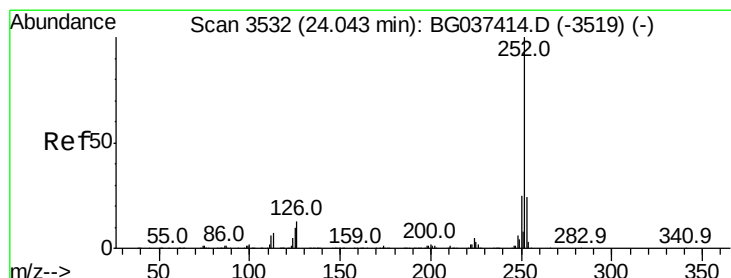
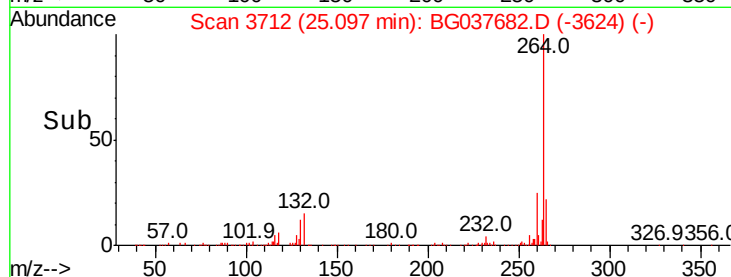
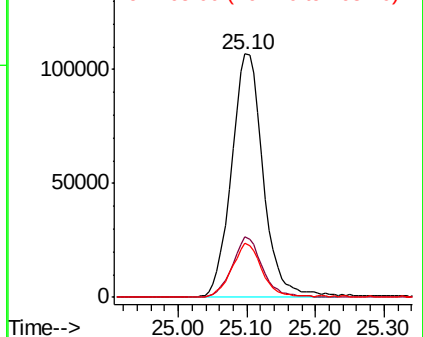
265 22.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.317 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BG037682.D

Acq: 31 Oct 2018 13:41

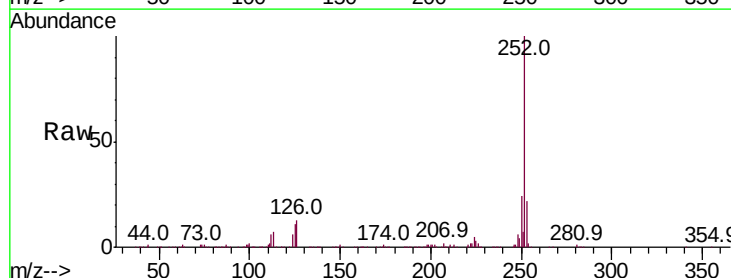
Tgt Ion:252 Resp: 779038

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

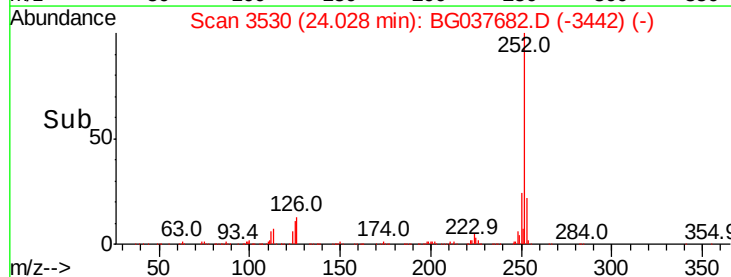
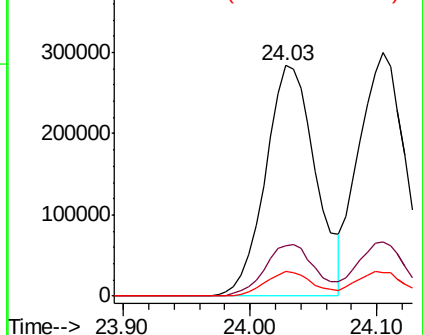
125 10.9 7.8 11.6

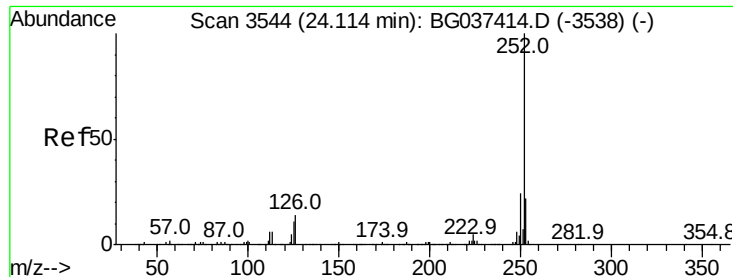


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

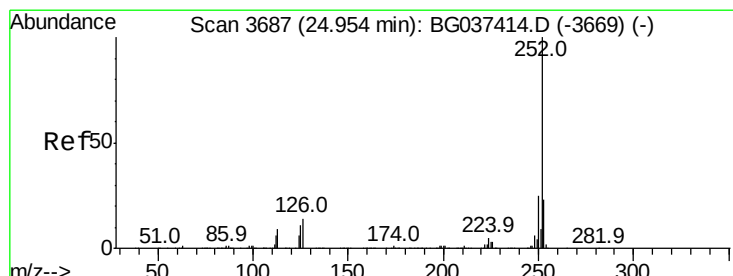
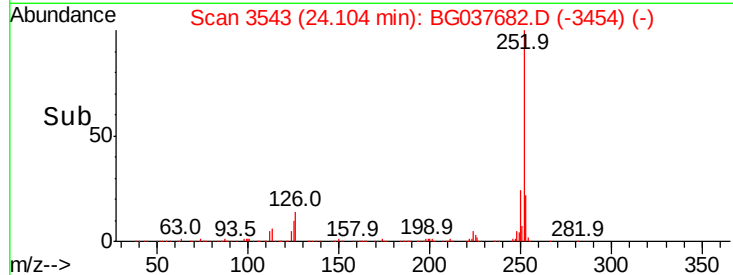
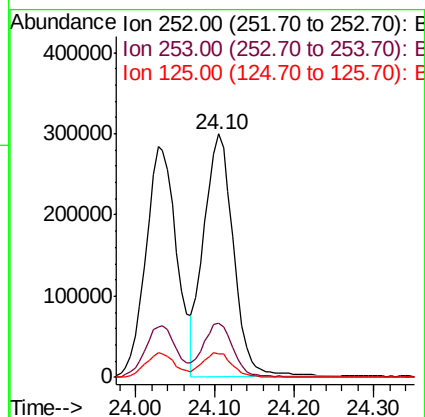
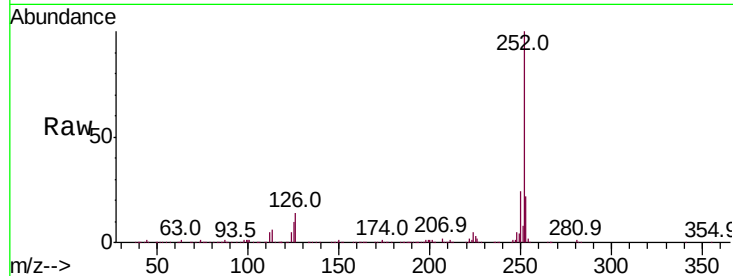




#89
Benzo(k)fluoranthene
Concen: 42.073 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

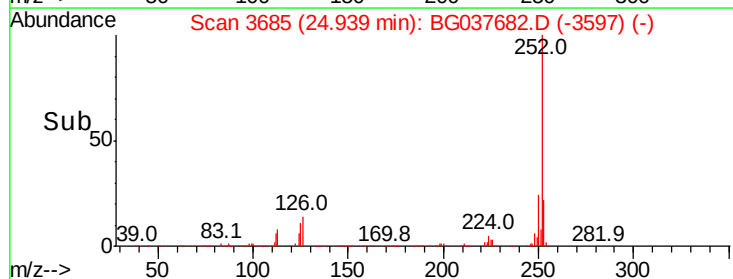
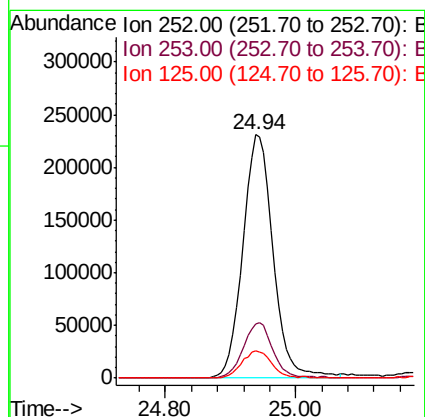
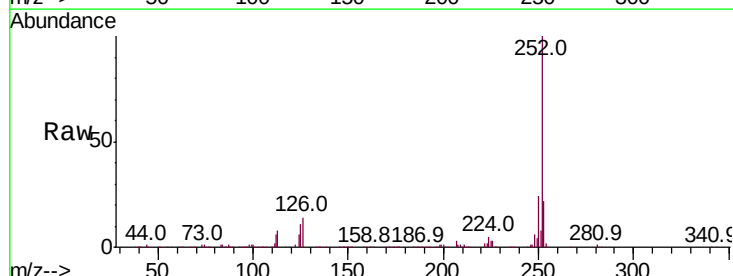
Instrument :
BNA_G
ClientSampled :

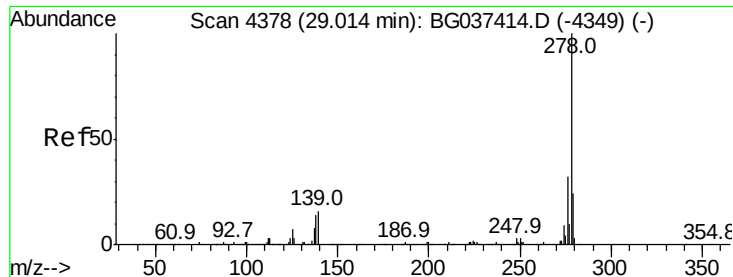
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	9.6	7.4	11.0



#90
Benzo(a)pyrene
Concen: 41.342 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	11.1	9.0	13.6

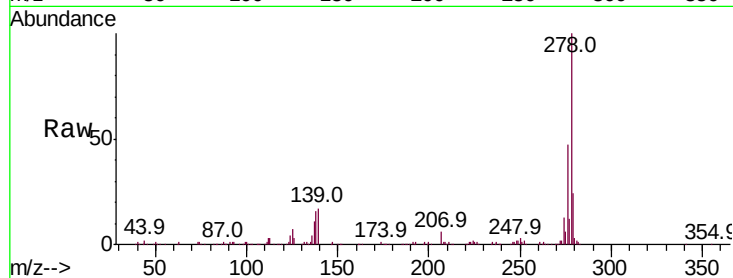




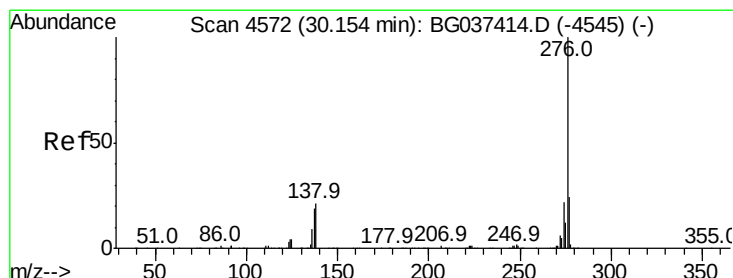
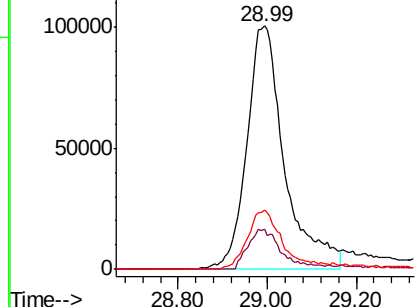
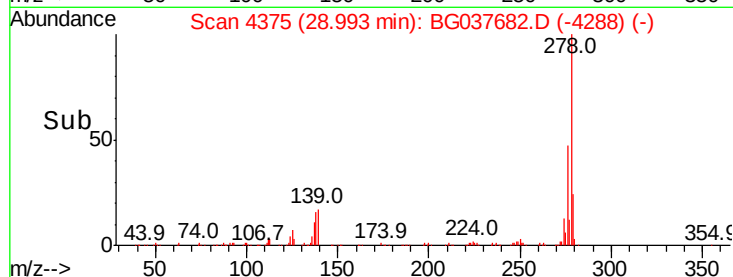
#91
Dibenzo(a,h)anthracene
Concen: 35.461 ng
RT: 28.99 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.5	17.3
279	24.4	18.6	27.8

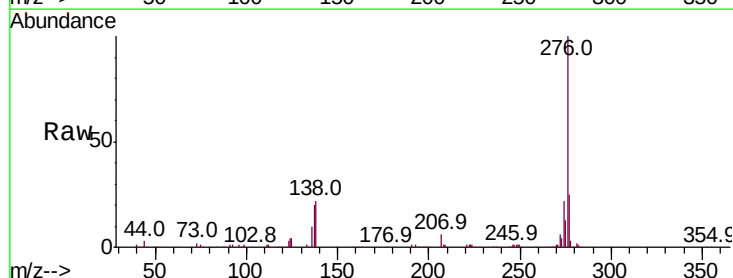


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.286 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037682.D
Acq: 31 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.9	28.3
138	21.6	17.2	25.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

