

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
 Data File : BG037864.D
 Acq On : 7 Nov 2018 14:08
 Operator : JU/SJ
 Sample : J5820-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Quant Time: Nov 07 15:36:04 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	62054	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	274219	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	174140	20.00	ng	-0.01
64) Phenanthrene-d10	17.48	188	381419	20.00	ng	0.00
76) Chrysene-d12	21.76	240	344207	20.00	ng	-0.01
87) Perylene-d12	25.09	264	355368	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	204751	55.16	ng	-0.01
7) Phenol-d6	7.24	99	184670	32.90	ng	-0.01
23) Nitrobenzene-d5	9.27	82	403175	82.36	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	224568	118.24	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	930078	80.54	ng	-0.02
79) Terphenyl-d14	20.08	244	1253358	77.81	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	24827	13.190	ng	92
3) Pyridine	3.93	79	67567	14.242	ng	95
4) n-Nitrosodimethylamine	3.85	42	34252	20.270	ng	93
6) Aniline	7.42	93	101083	14.763	ng	96
8) 2-Chlorophenol	7.66	128	157431	36.257	ng	99
9) Benzaldehyde	7.23	77	135207	38.511	ng	97
10) Phenol	7.27	94	83144	14.040	ng	95
11) bis(2-Chloroethyl)ether	7.51	93	186702	41.511	ng	96
12) 1,3-Dichlorobenzene	7.98	146	200176	41.410	ng	98
13) 1,4-Dichlorobenzene	8.13	146	202651	40.984	ng	97
14) 1,2-Dichlorobenzene	8.45	146	194430	40.877	ng	99
15) Benzyl Alcohol	8.33	79	109220	26.337	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	337528	41.942	ng	98
17) 2-Methylphenol	8.53	107	116872	29.852	ng	98
18) Hexachloroethane	9.18	117	75551	44.818	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	154257	39.913	ng	96
20) 3+4-Methylphenols	8.86	107	144105	25.745	ng	98
22) Acetophenone	8.92	105	303373	44.112	ng	# 97
24) Nitrobenzene	9.31	77	228108	44.856	ng	96
25) Isophorone	9.83	82	440021	49.196	ng	95
26) 2-Nitrophenol	10.02	139	110002	48.017	ng	94
27) 2,4-Dimethylphenol	10.07	122	181540	44.383	ng	94
28) bis(2-Chloroethoxy)methane	10.31	93	271119	46.266	ng	98
29) 2,4-Dichlorophenol	10.55	162	197655	43.401	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	217018	43.819	ng	95
31) Naphthalene	10.97	128	635342	47.171	ng	98
32) Benzoic acid	10.16	122	29147	10.971	ng	98
33) 4-Chloroaniline	11.07	127	76706	12.121	ng	94
34) Hexachlorobutadiene	11.23	225	130820	44.568	ng	99
35) Caprolactam	11.86	113	35425	19.395	ng	90
36) 4-Chloro-3-methylphenol	12.18	107	197928	38.537	ng	98
37) 2-Methylnaphthalene	12.56	142	488493	49.753	ng	99
38) 1-Methylnaphthalene	12.78	142	475078	49.825	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	252398	44.935	ng	99

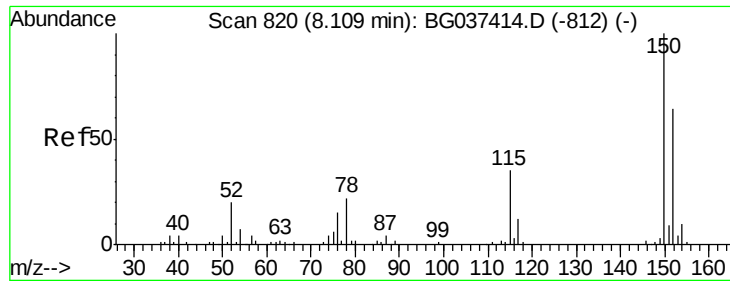
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	294326	109.697	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	172625	46.001	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	183409	44.890	ng	96
46) 1,1'-Biphenyl	13.57	154	615378	42.670	ng	99
47) 2-Chloronaphthalene	13.61	162	486033	44.546	ng	97
48) 2-Nitroaniline	13.82	65	157541	47.614	ng	92
49) Acenaphthylene	14.46	152	784972	47.827	ng	98
50) Dimethylphthalate	14.18	163	607315	45.081	ng	100
51) 2,6-Dinitrotoluene	14.31	165	138770	46.564	ng	93
52) Acenaphthene	14.79	154	474887	46.981	ng	99
53) 3-Nitroaniline	14.64	138	63332	19.142	ng	98
54) 2,4-Dinitrophenol	14.85	184	124005	87.978	ng	95
55) Dibenzofuran	15.13	168	757142	45.210	ng	98
56) 4-Nitrophenol	14.94	139	102623	41.905	ng	98
57) 2,4-Dinitrotoluene	15.09	165	197196	50.407	ng	95
58) Fluorene	15.78	166	623385	49.707	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	152448	43.579	ng	92
60) Diethylphthalate	15.53	149	617632	44.656	ng	98
61) 4-Chlorophenyl-phenylether	15.76	204	313633	42.906	ng	97
62) 4-Nitroaniline	15.81	138	136659	41.569	ng	90
63) Azobenzene	16.06	77	581793	44.088	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	101471	50.219	ng	99
66) n-Nitrosodiphenylamine	15.98	169	527109	45.943	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	192284	45.906	ng	97
68) Hexachlorobenzene	16.77	284	193779	44.638	ng	99
69) Atrazine	16.92	200	195918	47.230	ng	99
70) Pentachlorophenol	17.11	266	221315	76.110	ng	99
71) Phenanthrene	17.52	178	975600	50.328	ng	99
72) Anthracene	17.61	178	953264	50.110	ng	97
73) Carbazole	17.88	167	852094	44.778	ng	99
74) Di-n-butylphthalate	18.41	149	1023815	48.365	ng	99
75) Fluoranthene	19.52	202	1076373	48.957	ng	98
77) Benzidine	19.71	184	314773	26.895	ng	99
78) Pyrene	19.89	202	1069026	47.509	ng	99
80) Butylbenzylphthalate	20.76	149	472202	51.277	ng	96
81) Benzo(a)anthracene	21.74	228	1013227	49.767	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	184118	23.331	ng	99
83) Chrysene	21.81	228	959130	48.992	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	676369	52.398	ng	99
85) Di-n-octyl phthalate	22.86	149	1130999	53.732	ng	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	933319	44.449	ng	# 91
88) Benzo(b)fluoranthene	24.02	252	991165	50.874	ng	99
89) Benzo(k)fluoranthene	24.09	252	968803	50.755	ng	97
90) Benzo(a)pyrene	24.94	252	962712	52.002	ng	98
91) Dibenzo(a,h)anthracene	28.97	278	782891	45.845	ng	97
92) Benzo(g,h,i)perylene	30.11	276	796317	46.092	ng	100

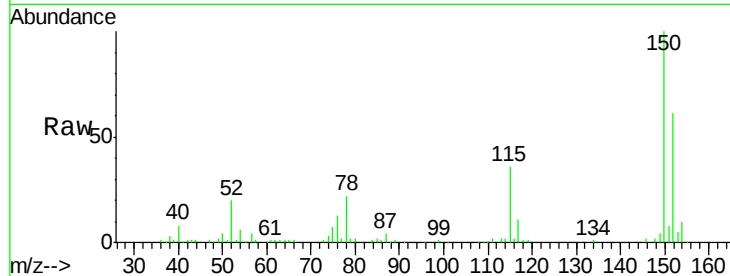
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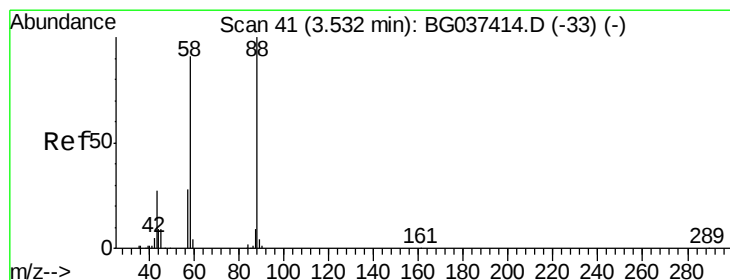
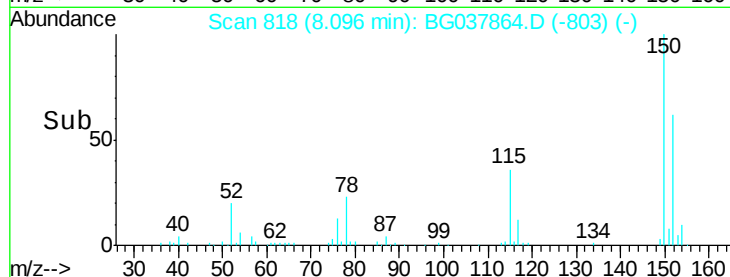
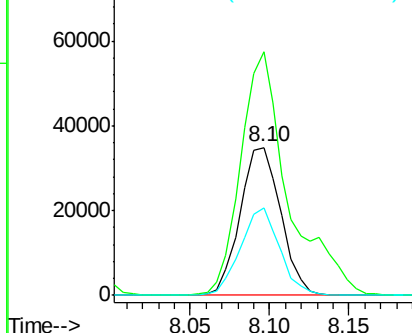
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tgt Ion:152 Resp: 62054
 Ion Ratio Lower Upper
 152 100
 150 164.4 126.0 189.0
 115 58.8 45.5 68.3

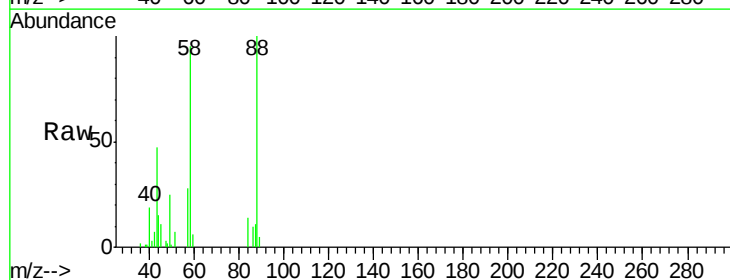


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

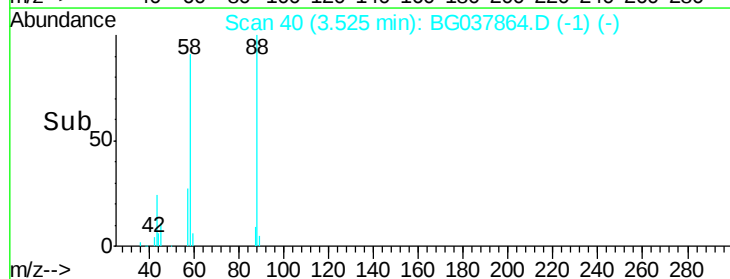
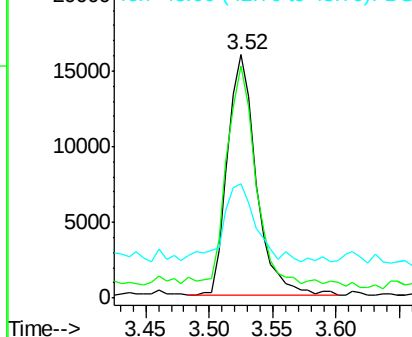


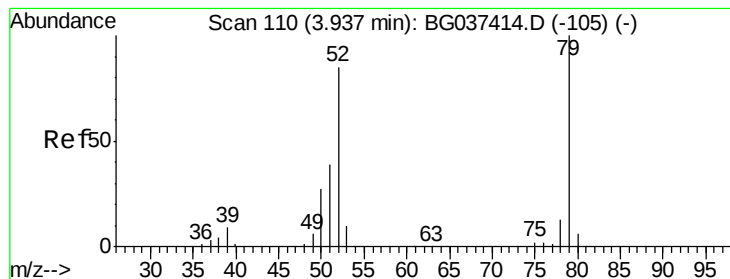
#2
 1,4-Dioxane
 Concen: 13.190 ng
 RT: 3.52 min Scan# 40
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion: 88 Resp: 24827
 Ion Ratio Lower Upper
 88 100
 58 87.1 74.4 111.6
 43 38.7 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

Pyridine

Concen: 14.242 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

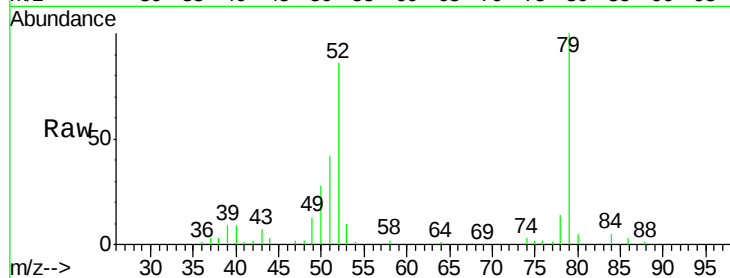
Tgt Ion: 79 Resp: 67567

Ion Ratio Lower Upper

79 100

52 86.4 74.2 111.2

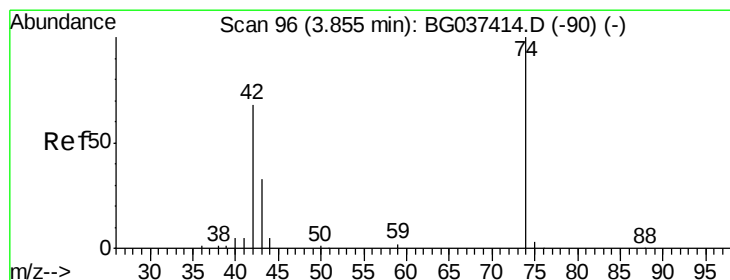
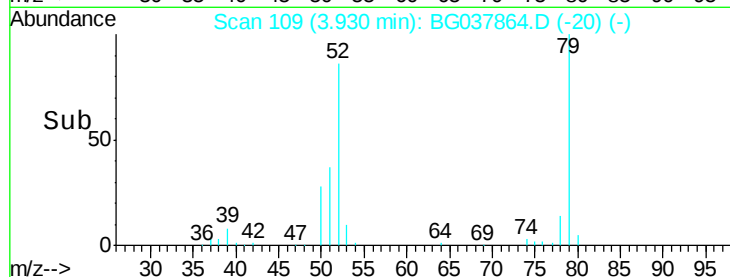
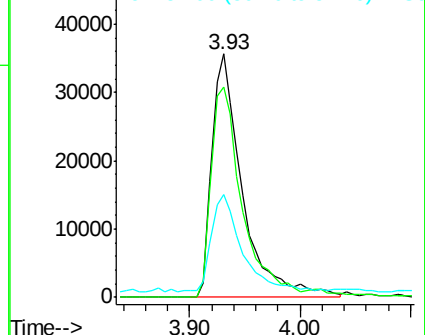
51 42.4 34.6 51.8



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: 20.270 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

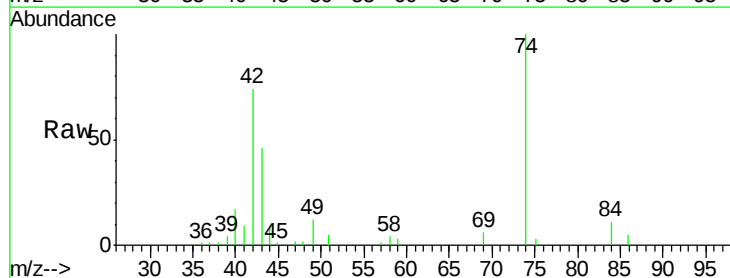
Tgt Ion: 42 Resp: 34252

Ion Ratio Lower Upper

42 100

74 135.9 102.0 153.0

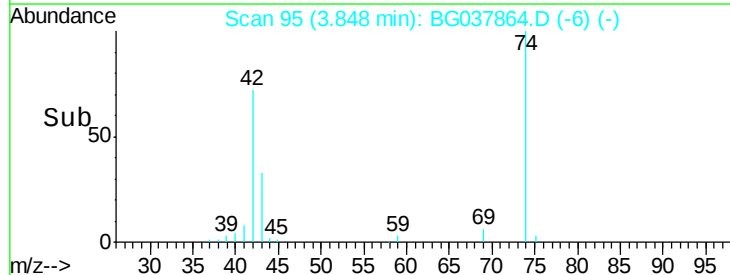
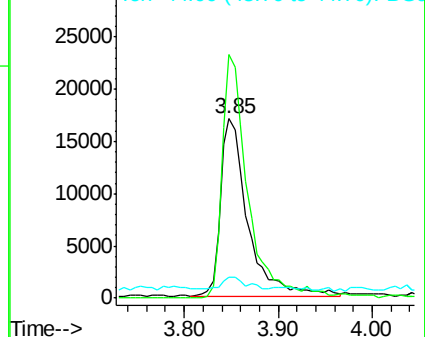
44 11.9 9.6 14.4



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: 55.164 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

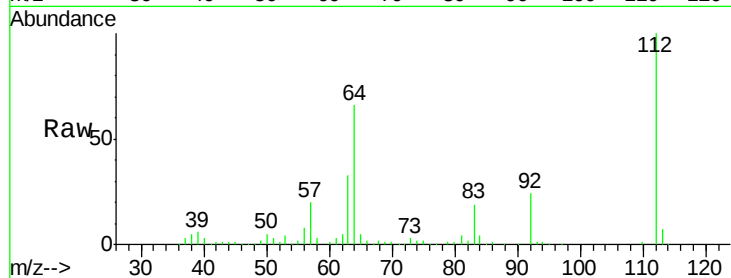
Tgt Ion: 112 Resp: 204751

Ion Ratio Lower Upper

112 100

64 65.8 53.1 79.7

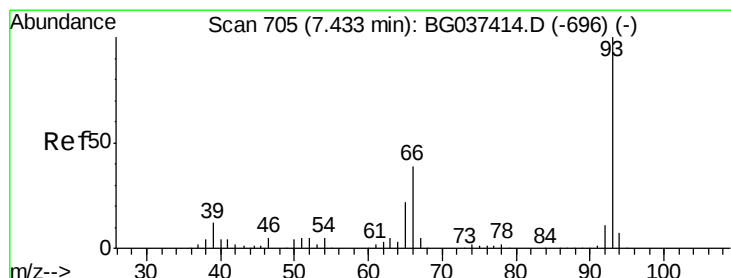
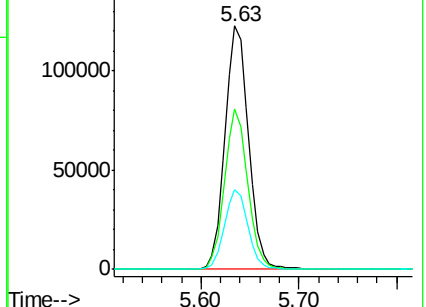
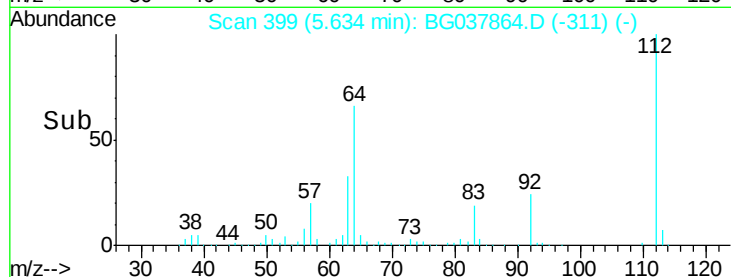
63 32.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.763 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

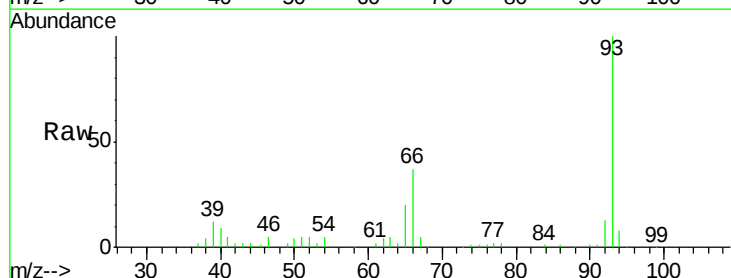
Tgt Ion: 93 Resp: 101083

Ion Ratio Lower Upper

93 100

66 37.5 32.8 49.2

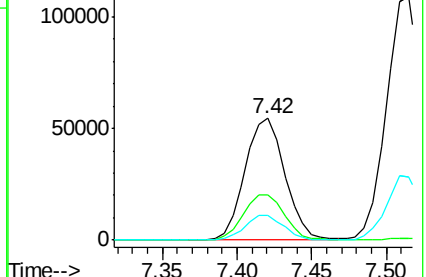
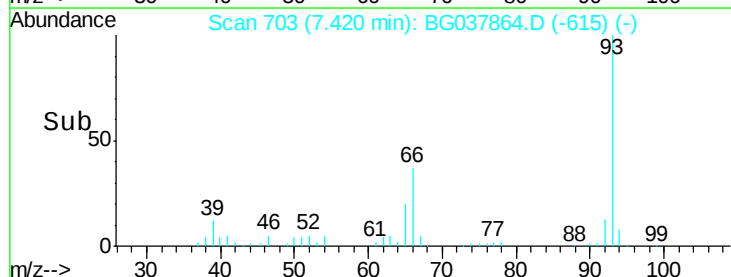
65 20.5 16.4 24.6

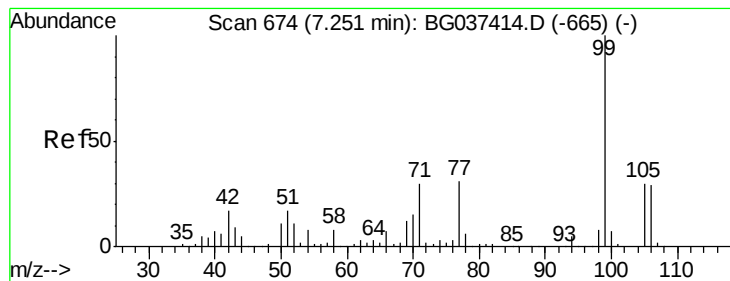


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 32.903 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037864.D

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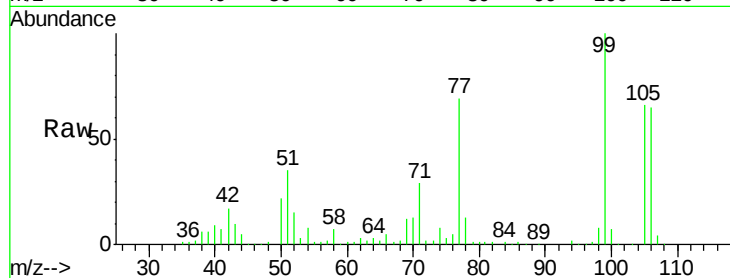
Tgt Ion: 99 Resp: 184670

Ion Ratio Lower Upper

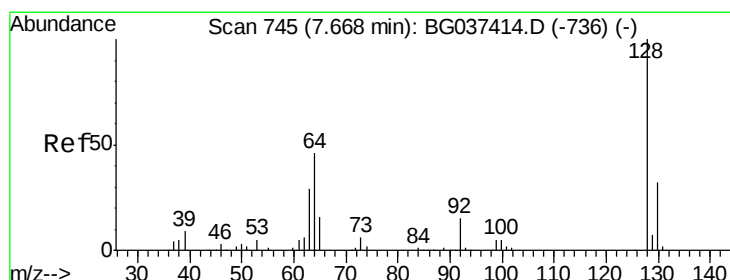
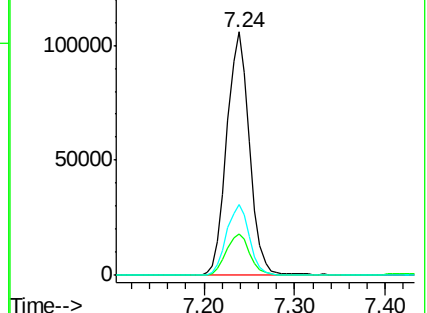
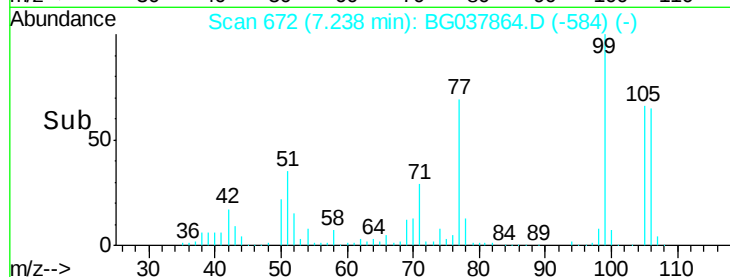
99 100

42 16.9 15.0 22.4

71 29.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.257 ng

RT: 7.66 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

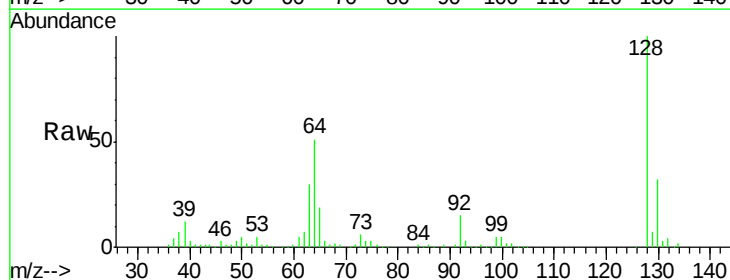
Tgt Ion: 128 Resp: 157431

Ion Ratio Lower Upper

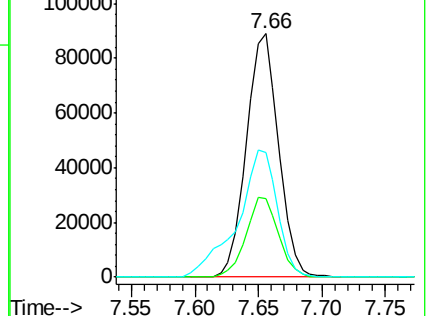
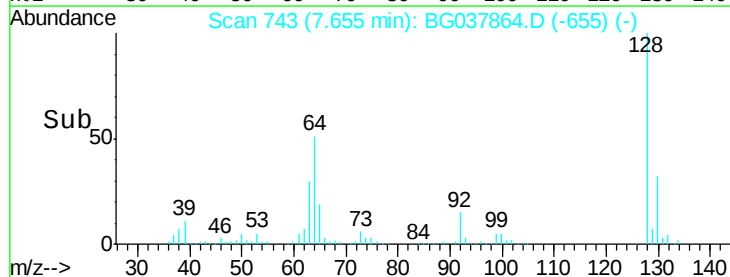
128 100

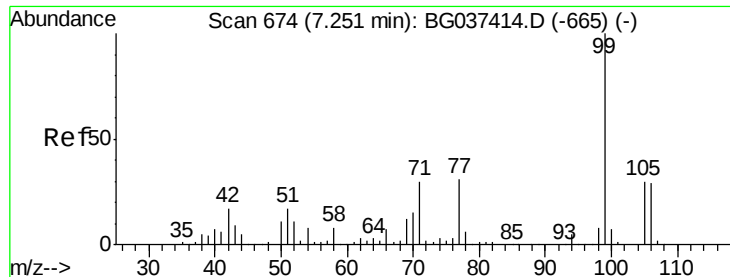
130 32.1 12.0 52.0

64 51.4 32.9 72.9



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





#9

Benzaldehyde

Concen: 38.511 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

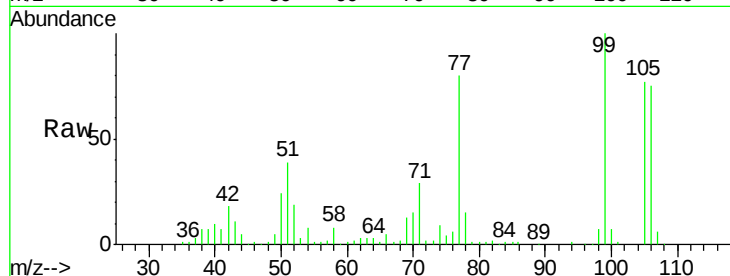
Tgt Ion: 77 Resp: 135207

Ion Ratio Lower Upper

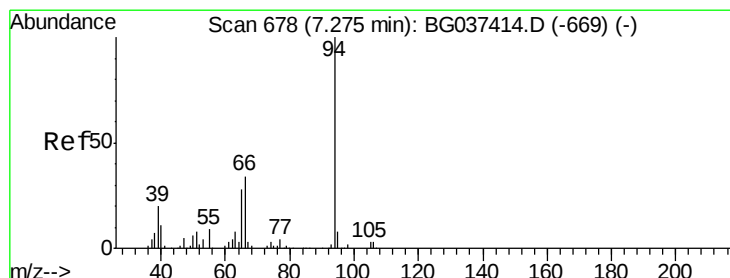
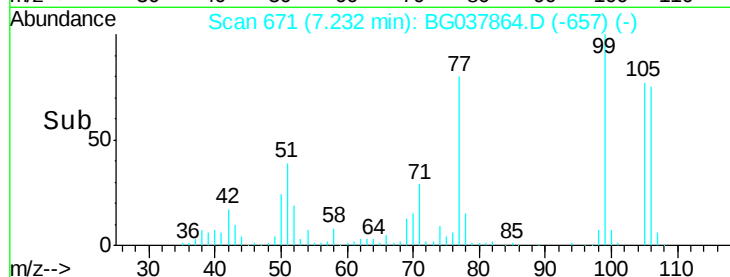
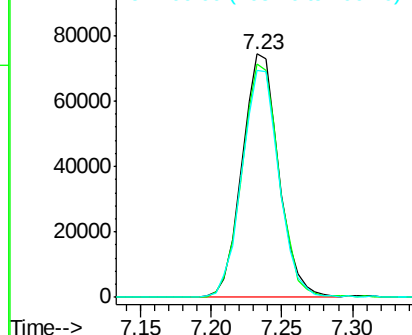
77 100

105 95.9 72.6 112.6

106 93.5 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 14.040 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

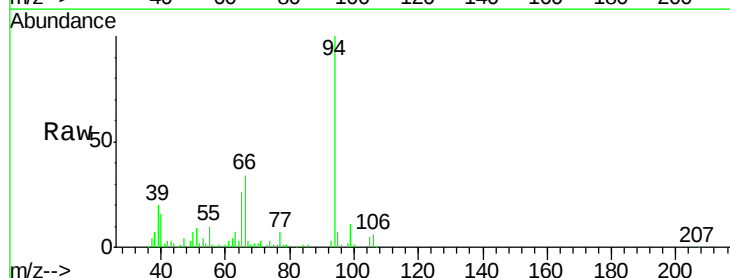
Tgt Ion: 94 Resp: 83144

Ion Ratio Lower Upper

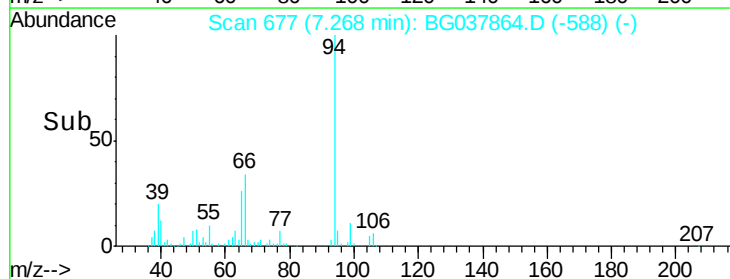
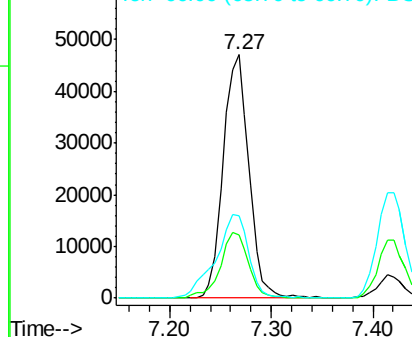
94 100

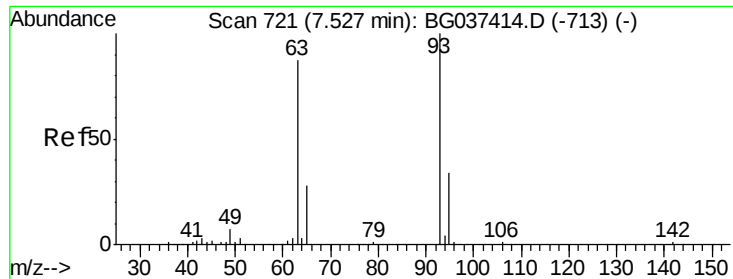
65 26.1 9.7 49.7

66 33.9 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

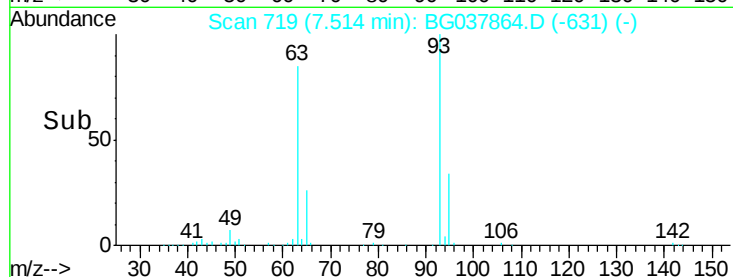
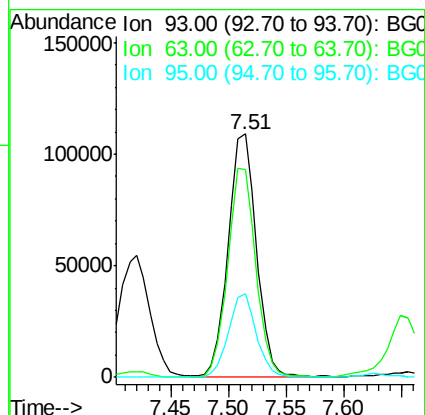
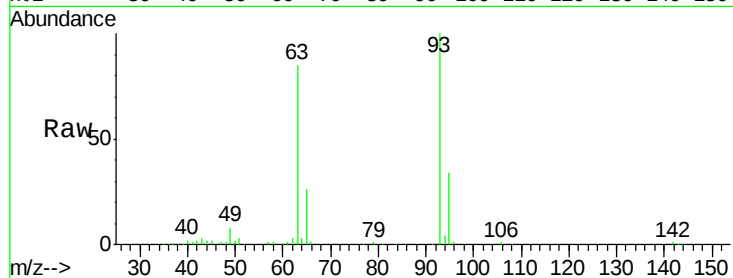




#11
bis(2-Chloroethyl)ether
Concen: 41.511 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

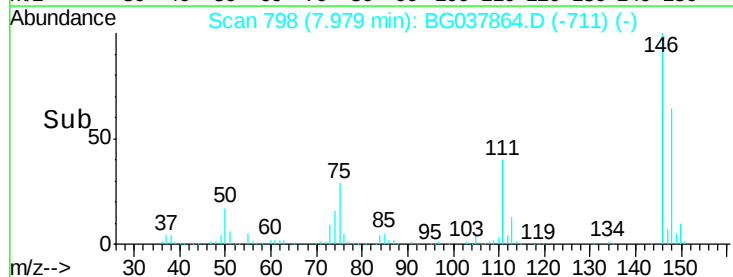
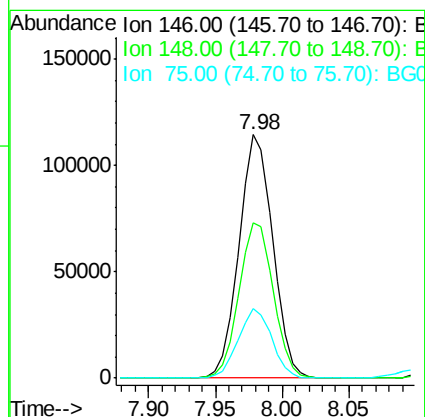
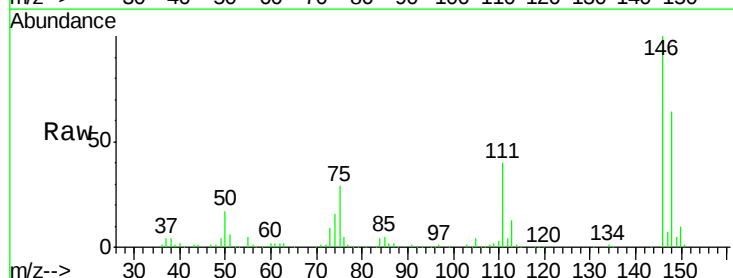
Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion: 93 Resp: 186702
Ion Ratio Lower Upper
93 100
63 85.2 69.5 109.5
95 34.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.410 ng
RT: 7.98 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion: 146 Resp: 200176
Ion Ratio Lower Upper
146 100
148 63.9 49.8 74.8
75 28.7 23.2 34.8

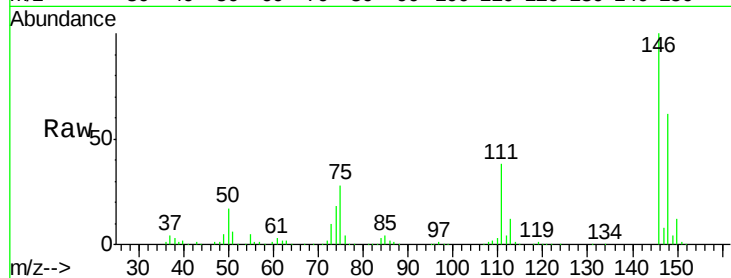




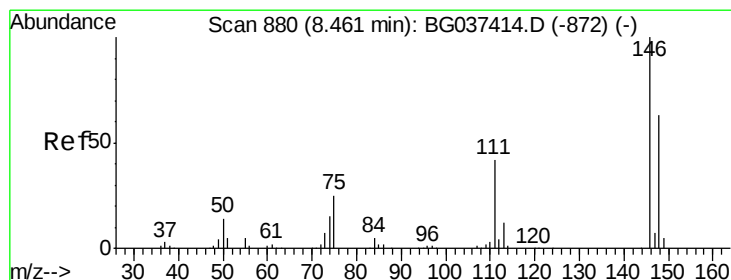
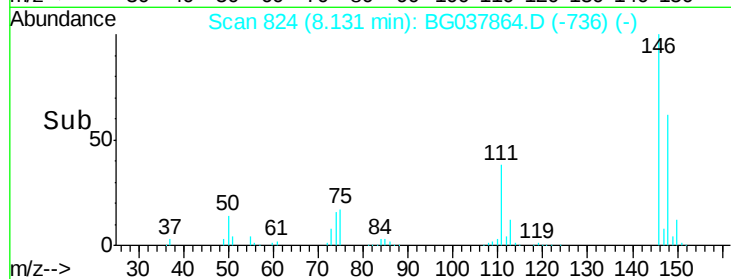
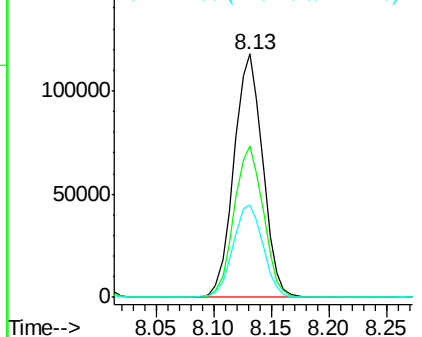
#13
 1,4-Dichlorobenzene
 Concen: 40.984 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tgt Ion:146 Resp: 202651
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.0 76.6
 111 38.2 32.4 48.6

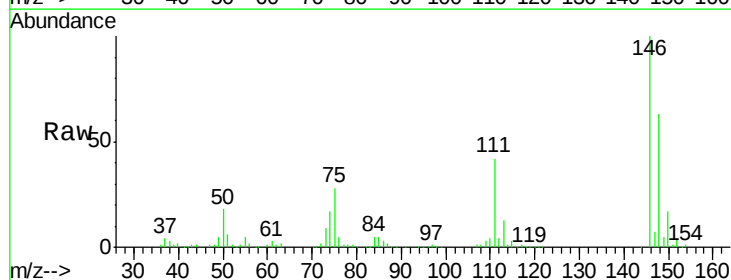


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

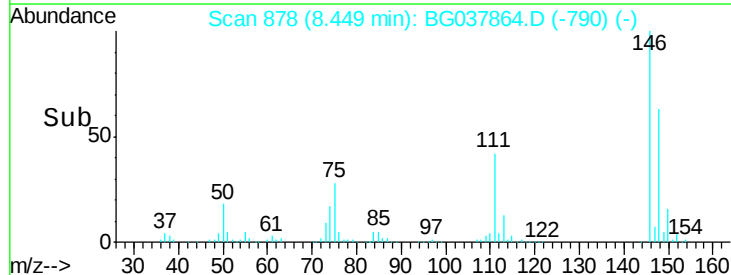
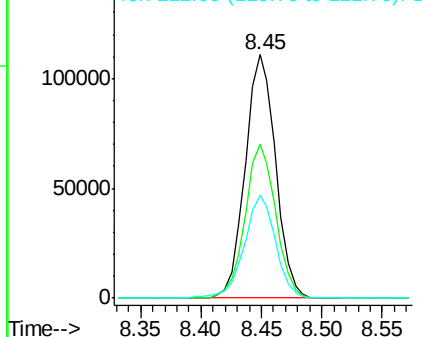


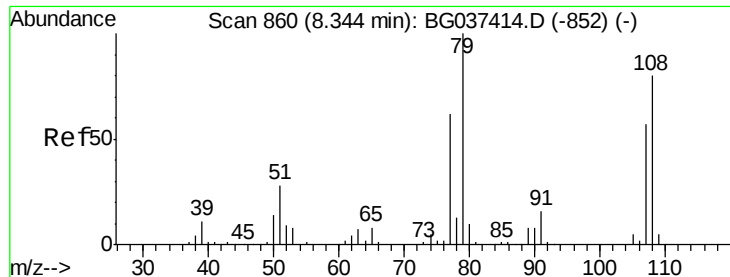
#14
 1,2-Dichlorobenzene
 Concen: 40.877 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:146 Resp: 194430
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 42.0 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: 26.337 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

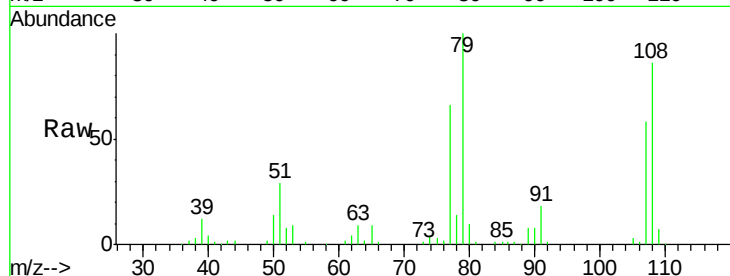
Tgt Ion: 79 Resp: 109220

Ion Ratio Lower Upper

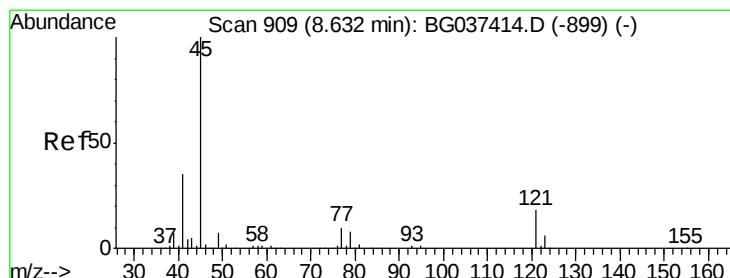
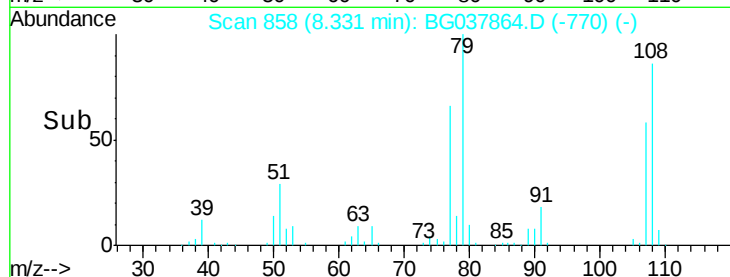
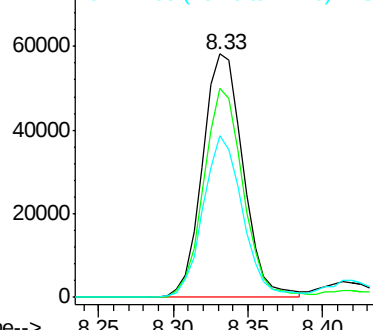
79 100

108 86.0 65.8 98.8

77 66.3 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.942 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

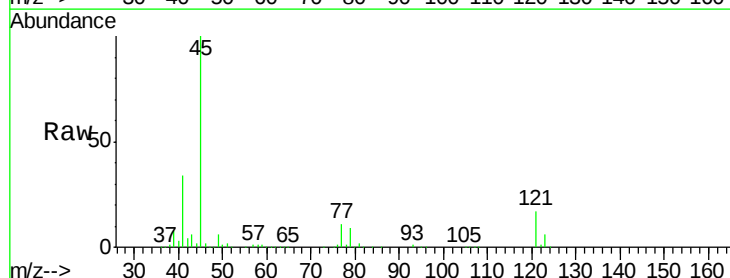
Tgt Ion: 45 Resp: 337528

Ion Ratio Lower Upper

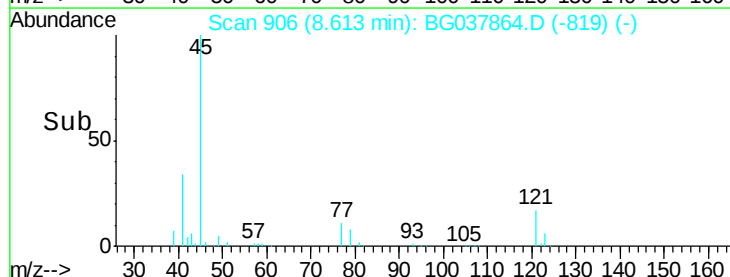
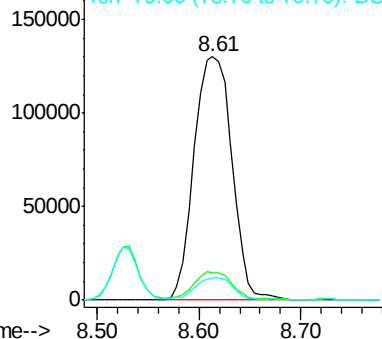
45 100

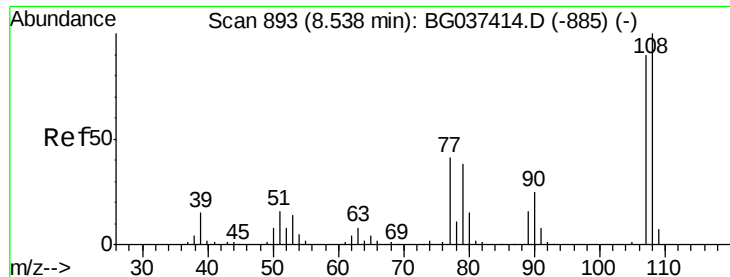
77 11.4 0.0 30.0

79 9.1 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

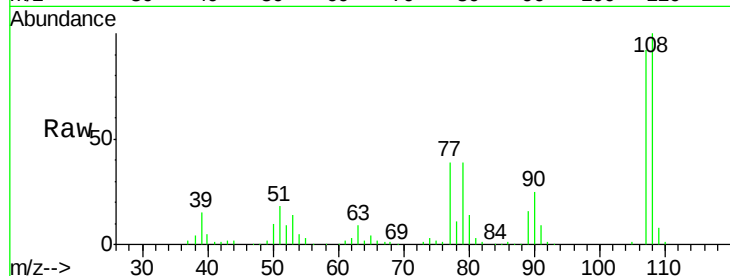




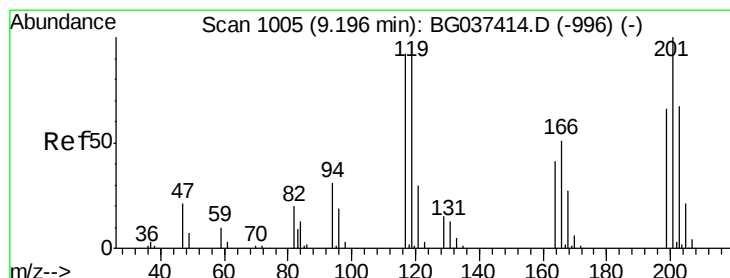
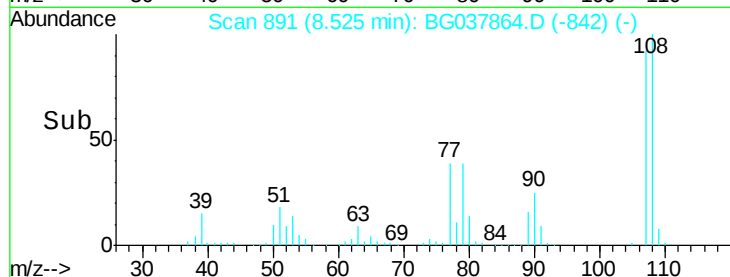
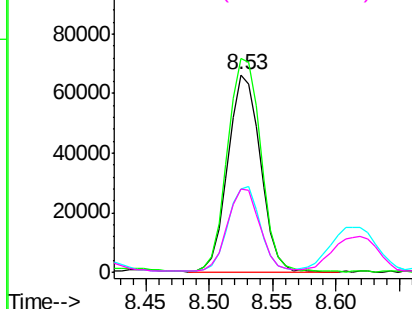
#17
2-Methylphenol
Concen: 29.852 ng
RT: 8.53 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:	107	Resp:	116872
Ion	Ratio	Lower	Upper
107	100		
108	108.3	87.9	131.9
77	42.4	35.1	52.7
79	42.5	34.5	51.7

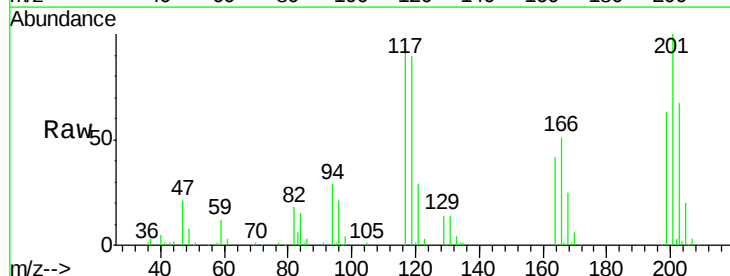


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

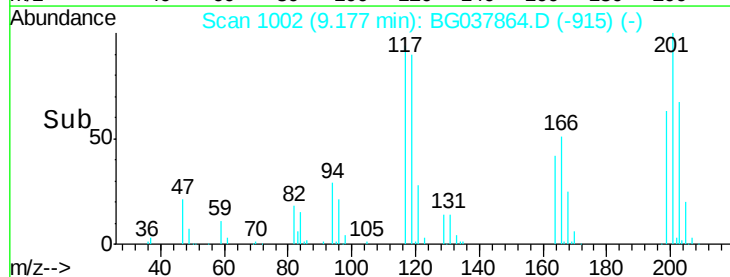
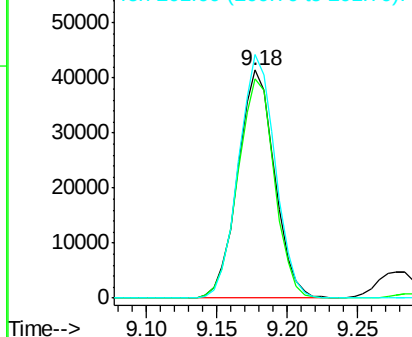


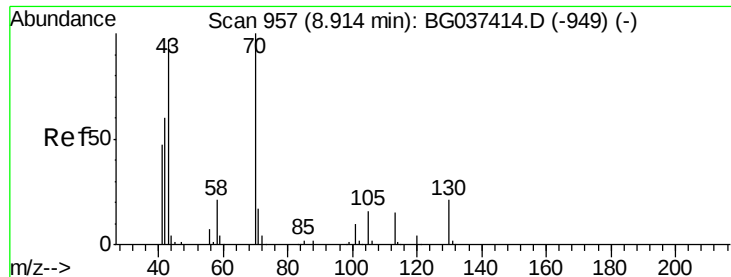
#18
Hexachloroethane
Concen: 44.818 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:	117	Resp:	75551
Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.6	111.8
201	106.8	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

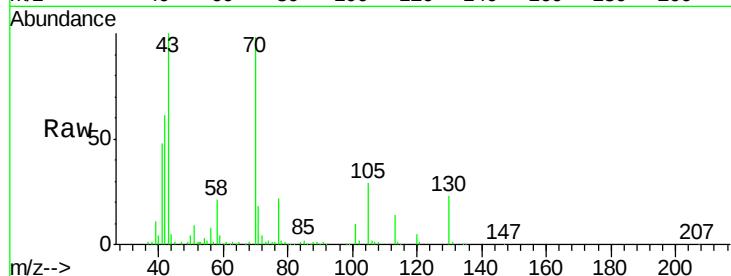




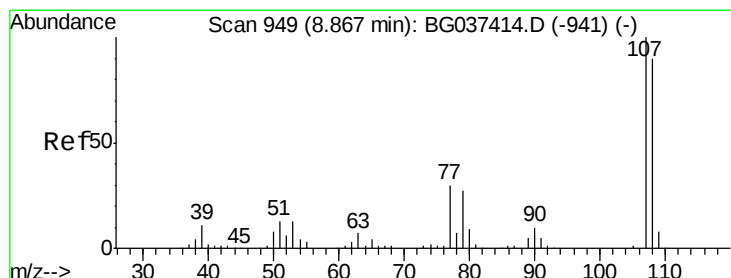
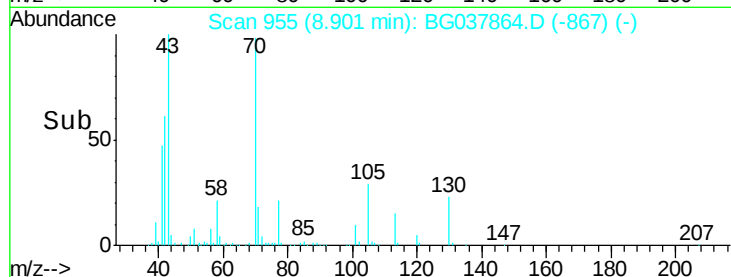
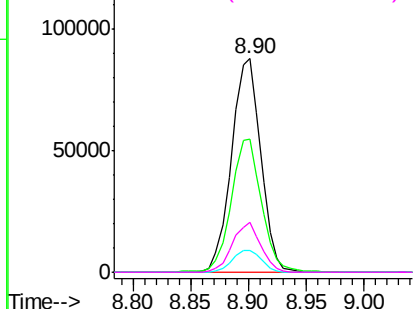
#19
n-Nitroso-di-n-propylamine
Concen: 39.913 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:	70	Resp:	154257
Ion	Ratio	Lower	Upper
70	100		
42	62.5	53.9	80.9
101	10.4	8.2	12.2
130	23.2	18.2	27.4

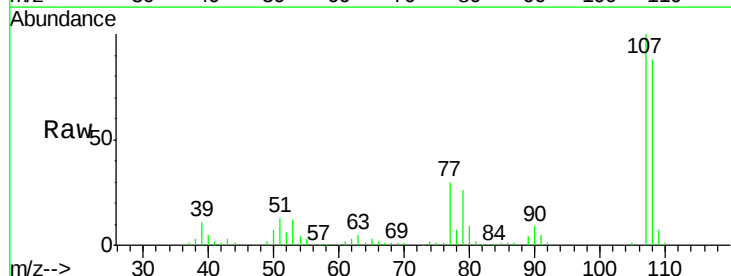


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

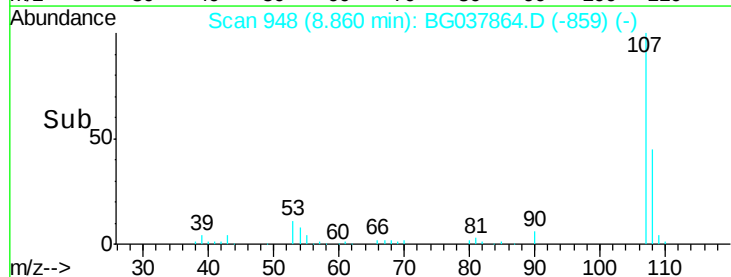
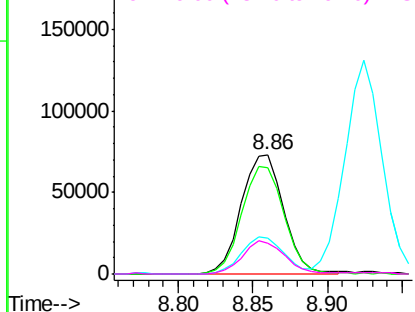


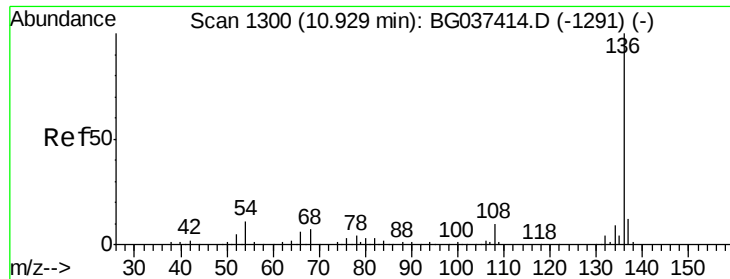
#20
3+4-Methylphenols
Concen: 25.745 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:	107	Resp:	144105
Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.9	109.9
77	30.0	11.2	51.2
79	26.1	6.6	46.6



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

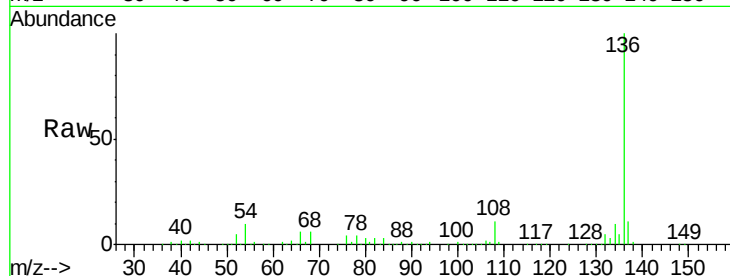




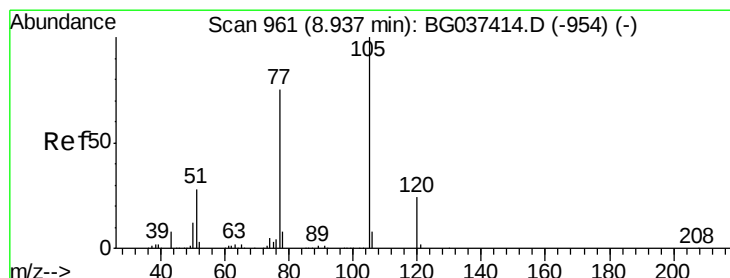
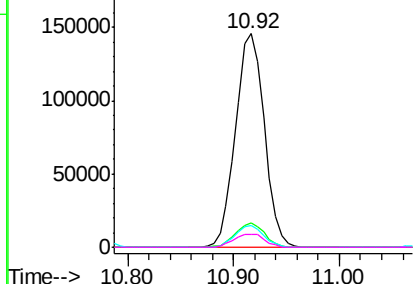
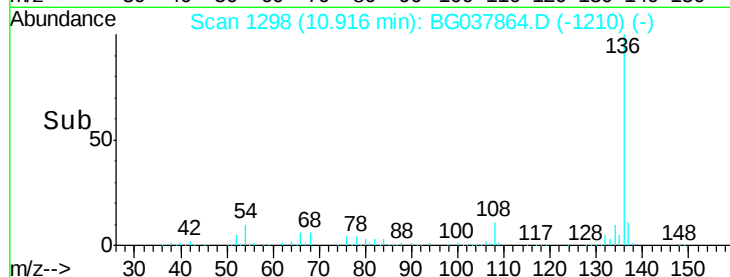
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:	136	Resp:	274219
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	10.3	7.9	11.9
68	6.0	4.8	7.2

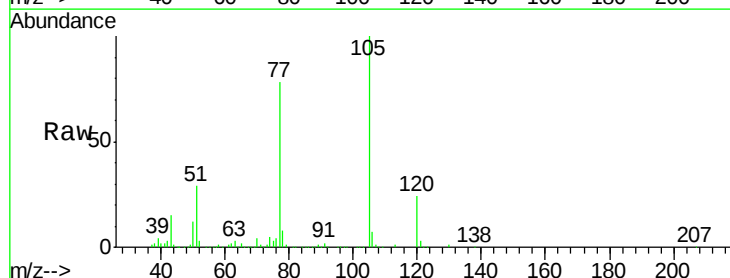


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

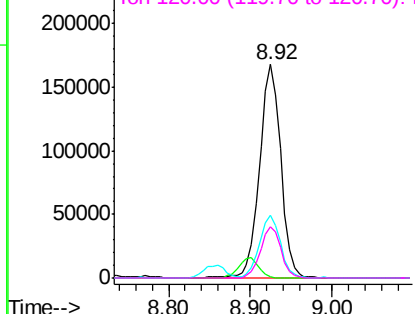
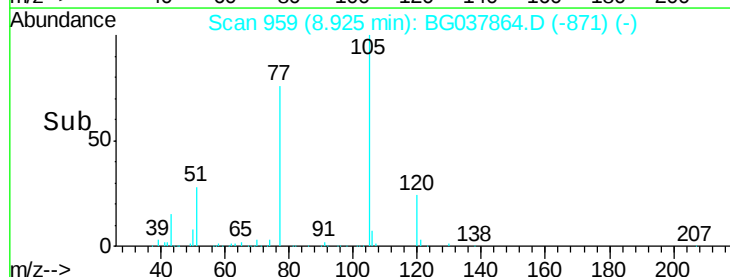


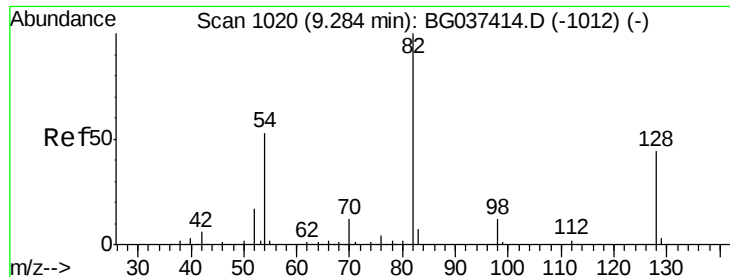
#22
Acetophenone
Concen: 44.112 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:	105	Resp:	303373
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	29.2	25.0	37.6
120	24.0	18.6	28.0



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

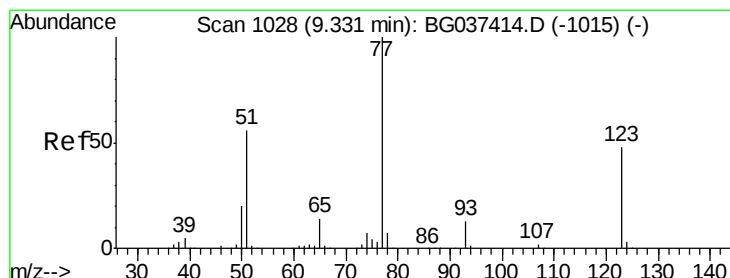
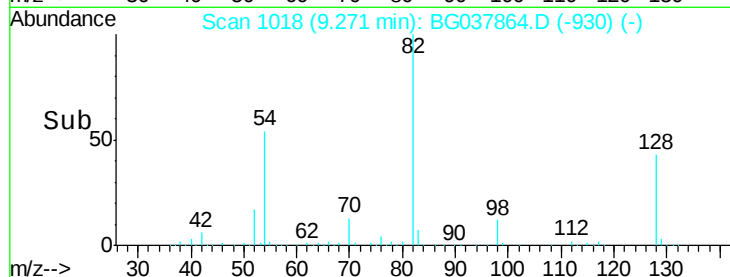
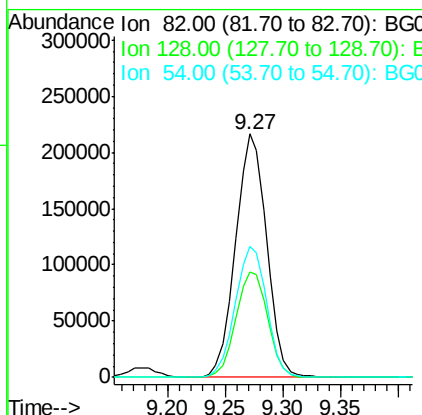
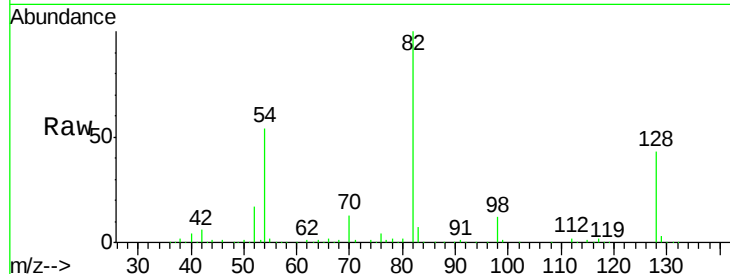




#23
 Nitrobenzene-d5
 Concen: 82.363 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

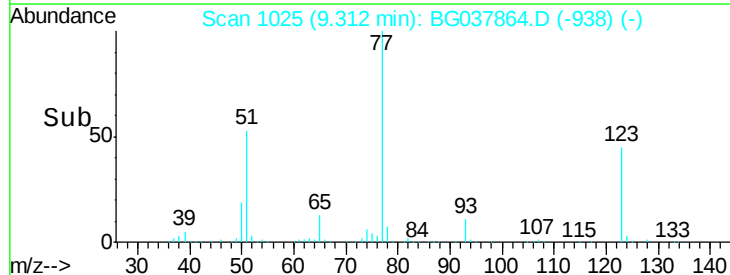
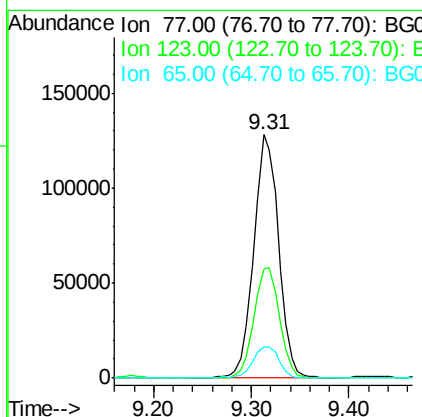
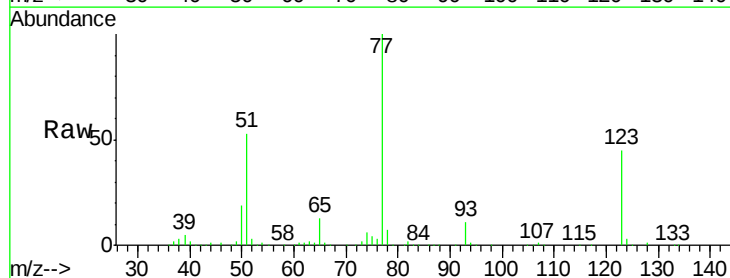
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

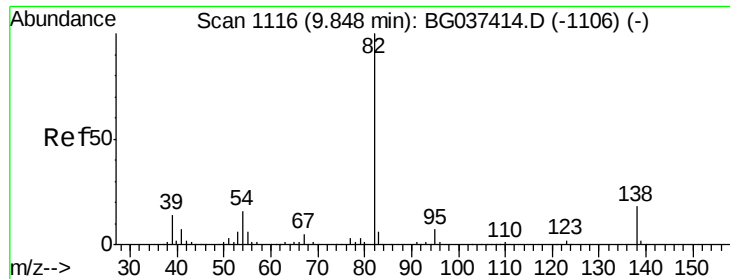
Tgt Ion: 82 Resp: 403175
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 53.8 45.3 67.9



#24
 Nitrobenzene
 Concen: 44.856 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion: 77 Resp: 228108
 Ion Ratio Lower Upper
 77 100
 123 44.6 33.6 50.4
 65 13.0 11.3 16.9





#25

Isophorone

Concen: 49.196 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

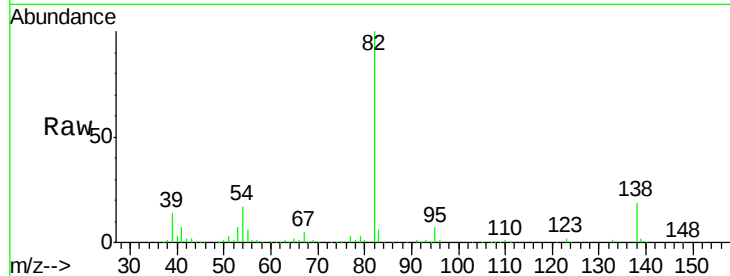
Tgt Ion: 82 Resp: 440021

Ion Ratio Lower Upper

82 100

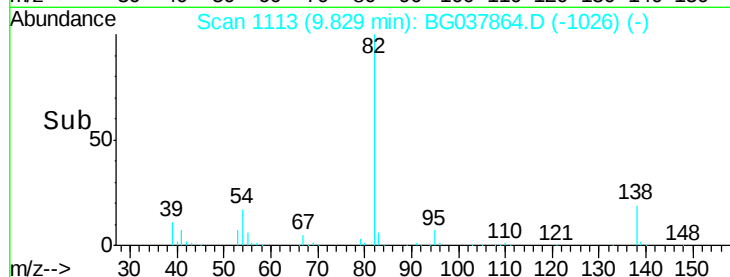
95 7.3 5.3 7.9

138 19.2 13.3 19.9

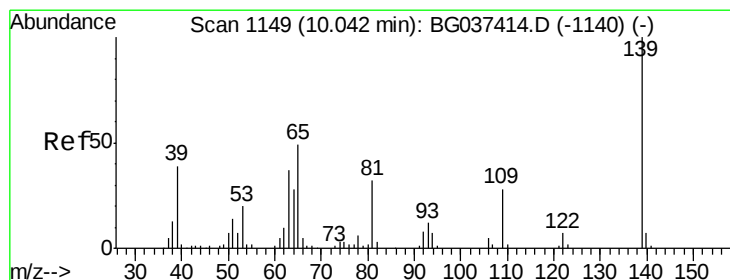


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

9.83



Time-->



#26

2-Nitrophenol

Concen: 48.017 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

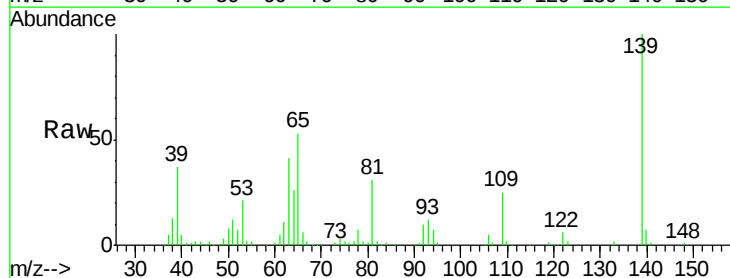
Tgt Ion: 139 Resp: 110002

Ion Ratio Lower Upper

139 100

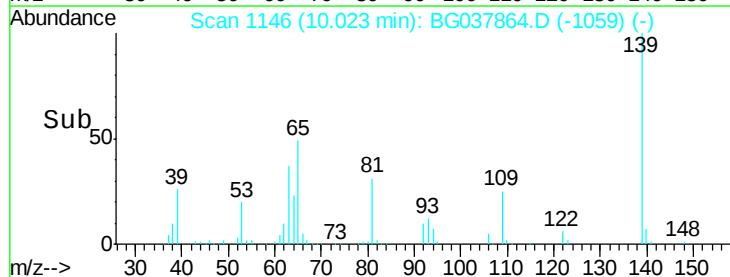
109 25.4 23.3 34.9

65 53.2 39.8 59.8

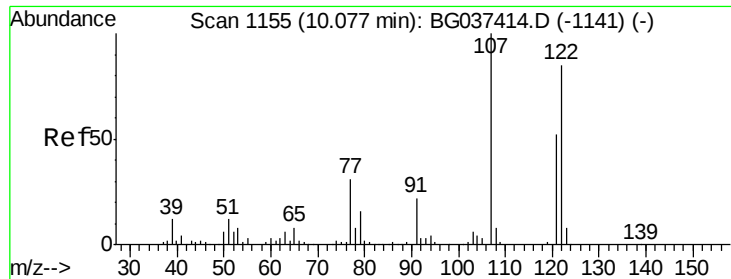


Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

10.02



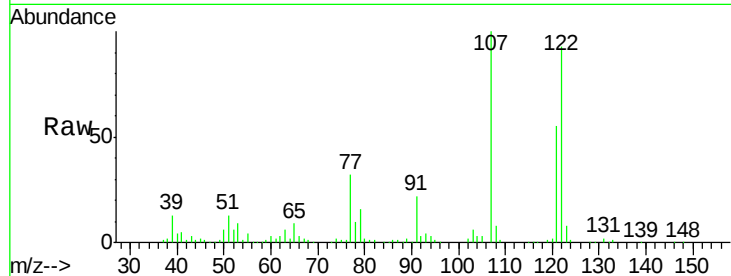
Time-->



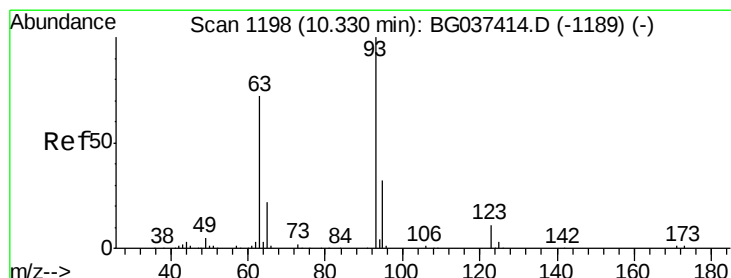
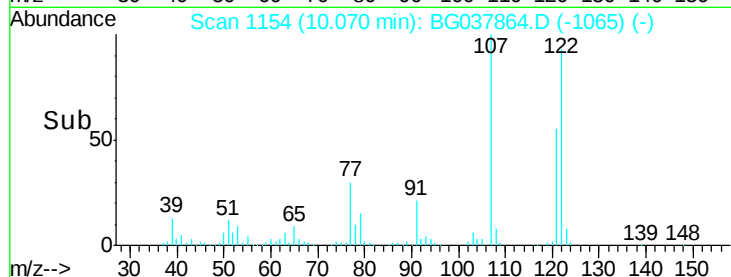
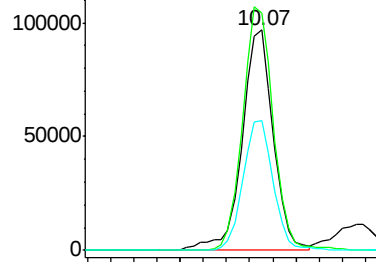
#27
2,4-Dimethylphenol
Concen: 44.383 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:122 Resp: 181540
Ion Ratio Lower Upper
122 100
107 107.5 94.2 141.2
121 58.7 47.3 70.9

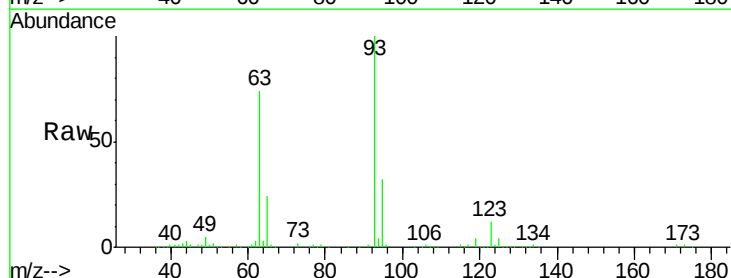


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

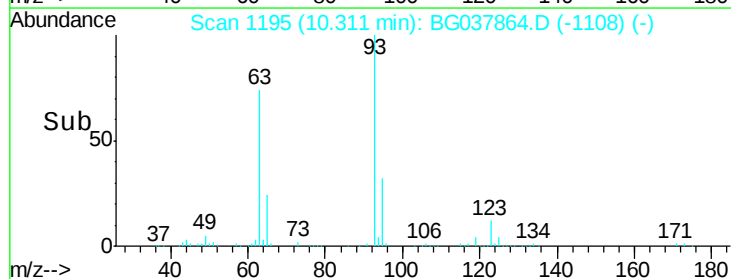
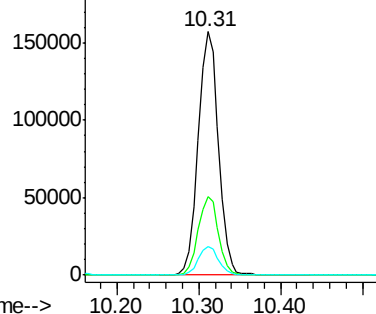


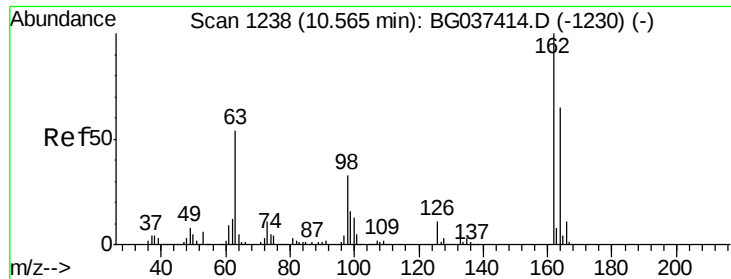
#28
bis(2-Chloroethoxy)methane
Concen: 46.266 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion: 93 Resp: 271119
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

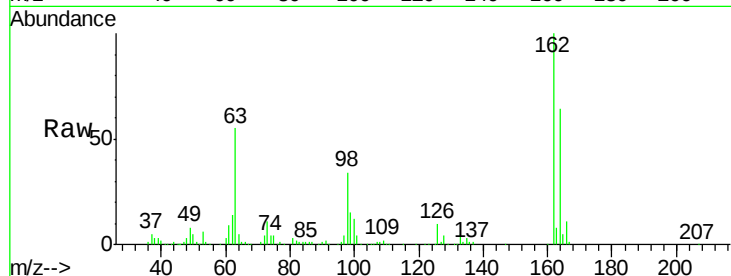




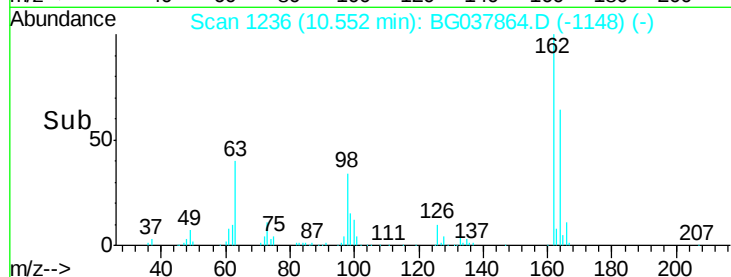
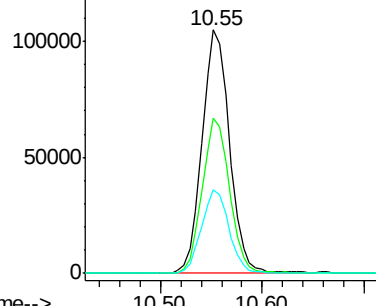
#29
2,4-Dichlorophenol
Concen: 43.401 ng
RT: 10.55 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.2	83.2
98	34.3	16.0	56.0

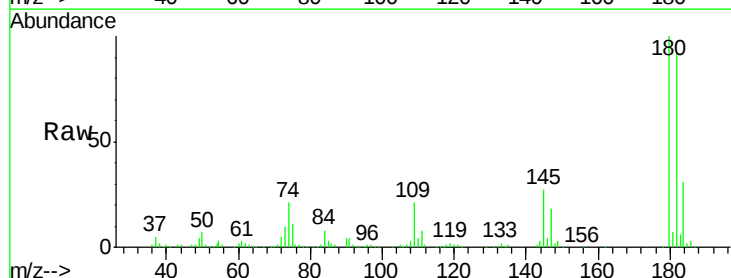


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

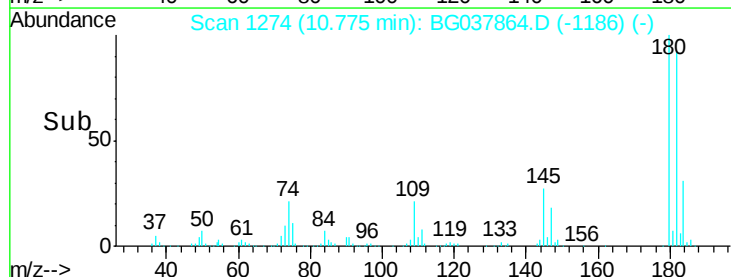
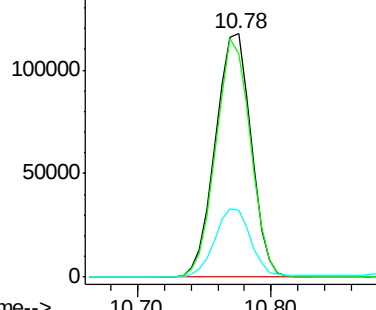


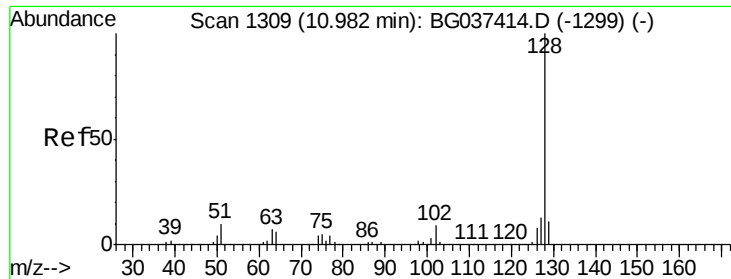
#30
1,2,4-Trichlorobenzene
Concen: 43.819 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	77.7	116.5
145	27.4	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

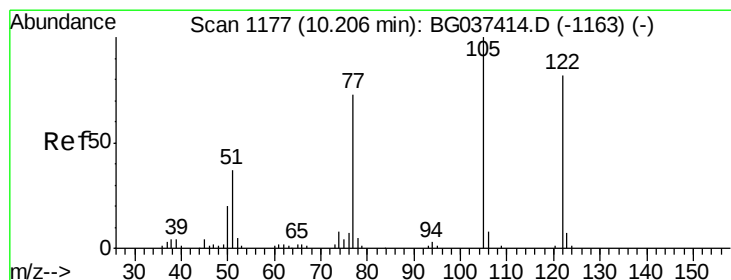
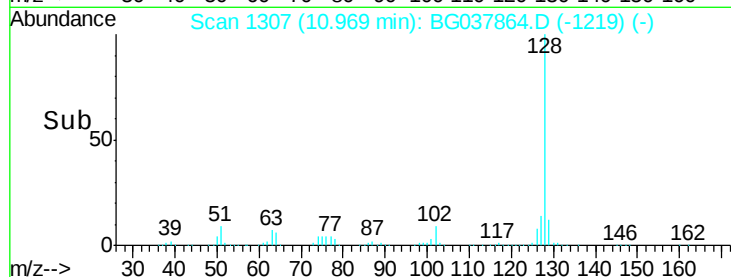
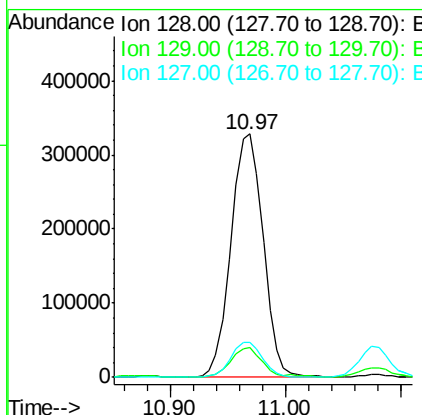
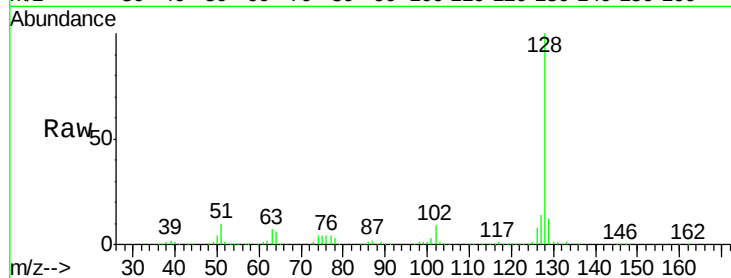




#31
Naphthalene
Concen: 47.171 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

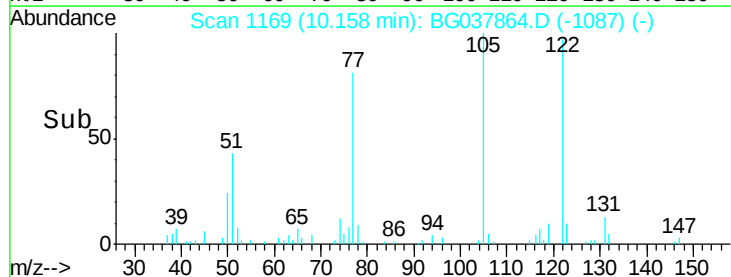
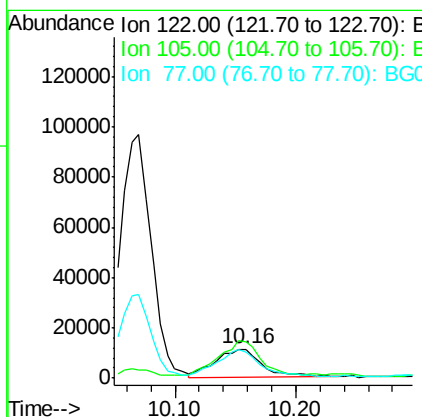
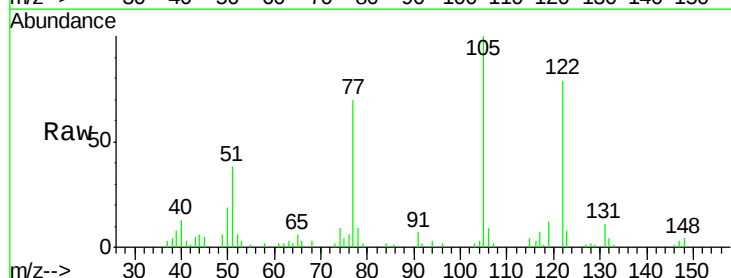
Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:128 Resp: 635342
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 14.4 11.1 16.7



#32
Benzoic acid
Concen: 10.971 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.05 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:122 Resp: 29147
Ion Ratio Lower Upper
122 100
105 126.0 106.7 146.7
77 88.7 72.2 112.2

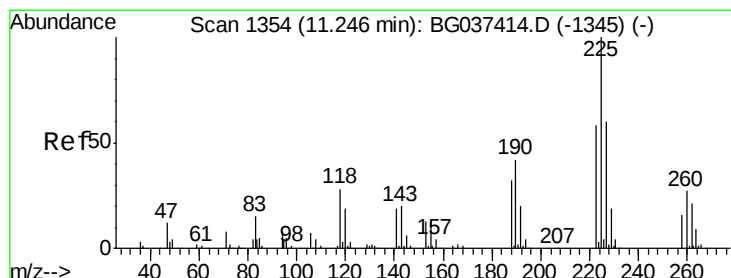
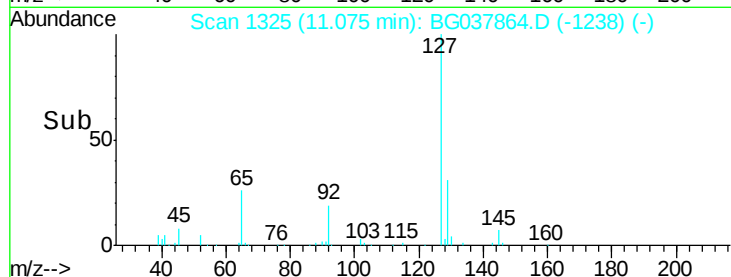
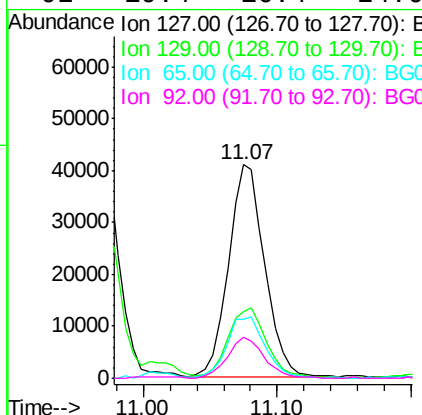
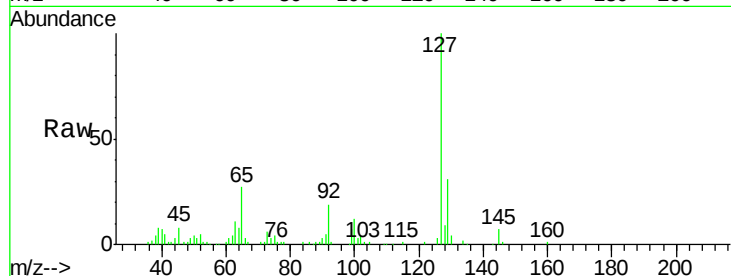




#33
4-Chloroaniline
Concen: 12.121 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

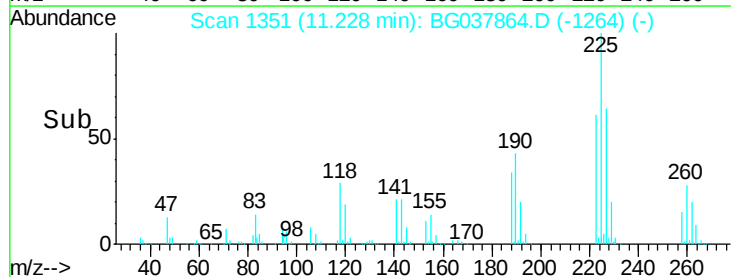
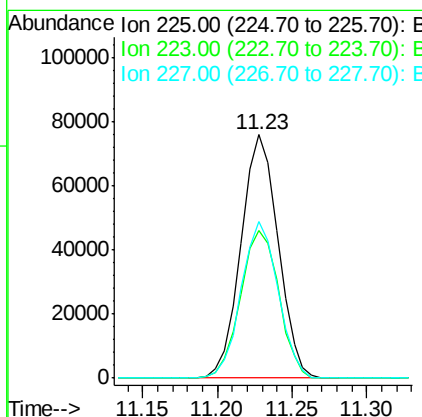
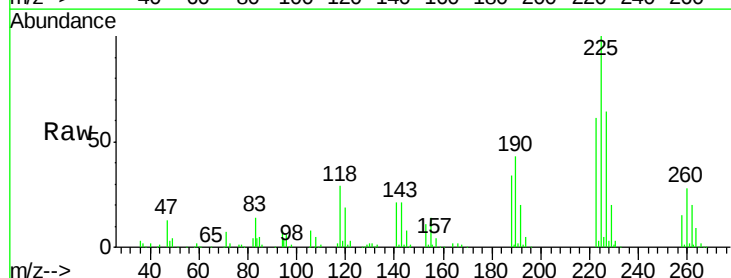
Instrument :
BNA_G
ClientSampleId :
C19013081MS

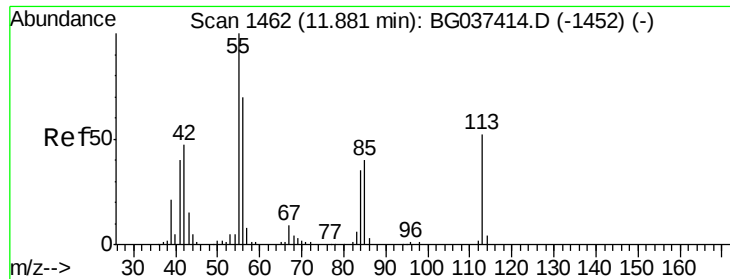
Tgt Ion:	127	Resp:	76706
Ion	Ratio	Lower	Upper
127	100		
129	30.9	27.1	40.7
65	27.5	26.6	39.8
92	19.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 44.568 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:	225	Resp:	130820
Ion	Ratio	Lower	Upper
225	100		
223	58.2	48.2	72.4
227	64.5	51.6	77.4





#35

Caprolactam

Concen: 19.395 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

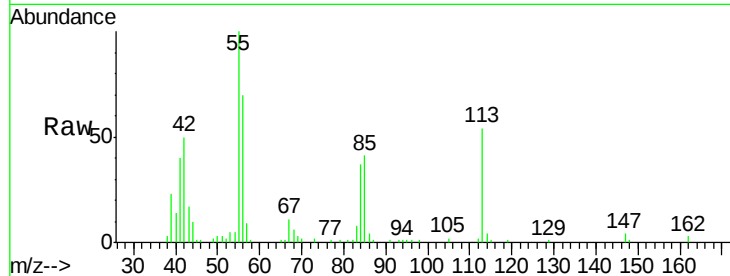
Tgt Ion:113 Resp: 35425

Ion Ratio Lower Upper

113 100

55 185.9 176.6 216.6

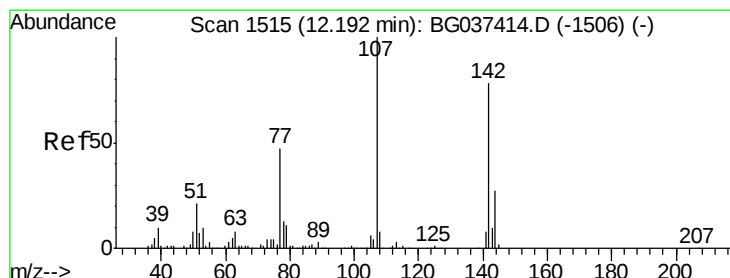
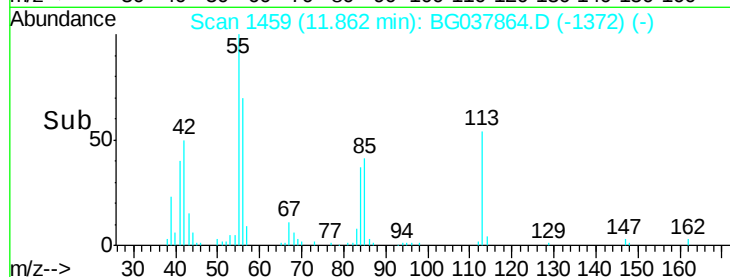
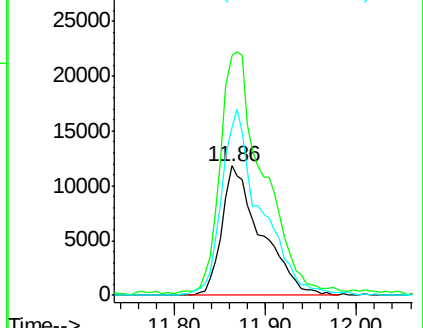
56 129.6 128.3 168.3



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: 38.537 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

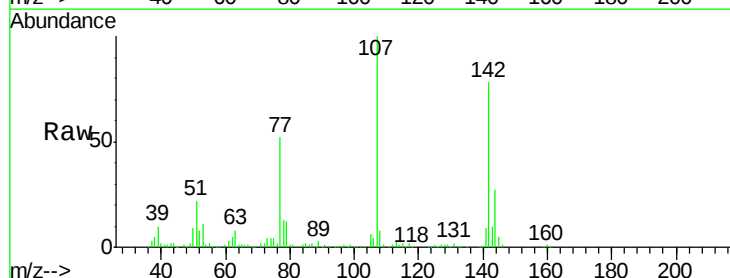
Tgt Ion:107 Resp: 197928

Ion Ratio Lower Upper

107 100

144 27.3 20.7 31.1

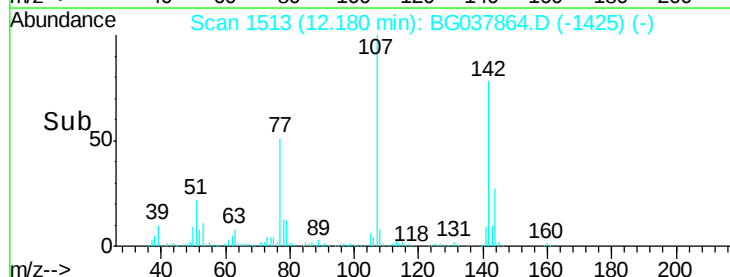
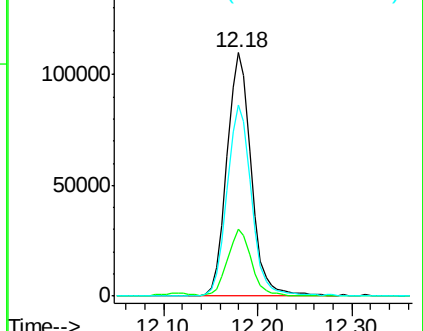
142 78.3 64.4 96.6

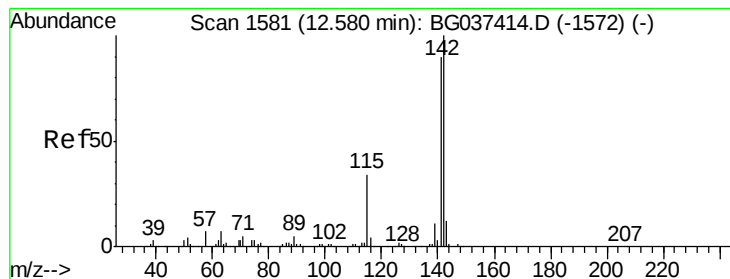


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.753 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

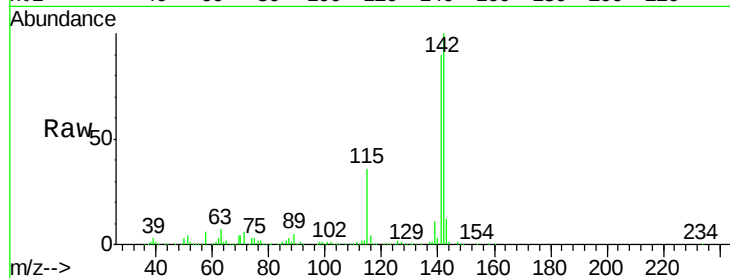
Tgt Ion:142 Resp: 488493

Ion Ratio Lower Upper

142 100

141 90.5 71.9 107.9

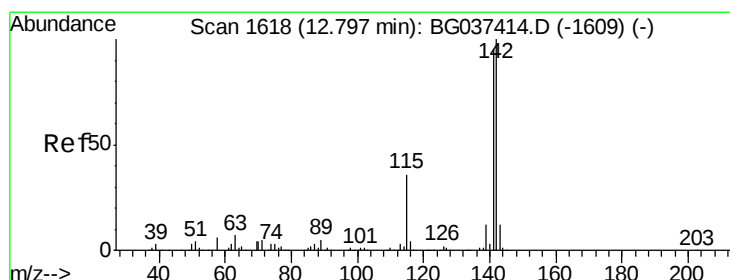
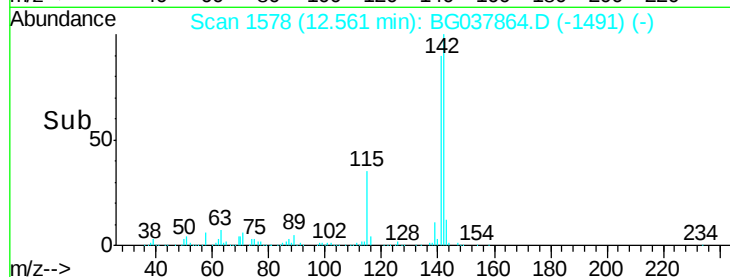
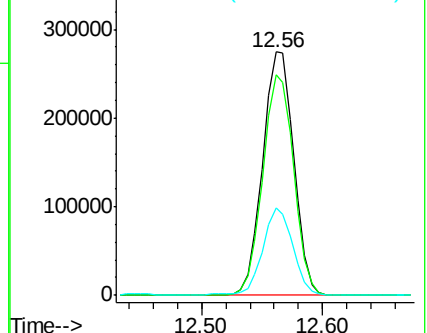
115 35.7 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.825 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

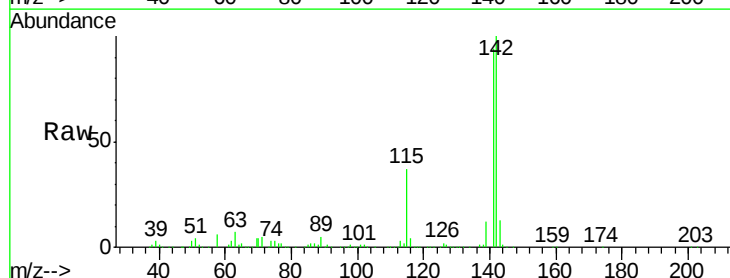
Tgt Ion:142 Resp: 475078

Ion Ratio Lower Upper

142 100

141 93.7 75.2 112.8

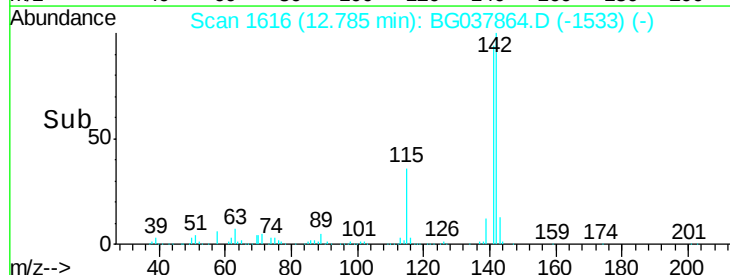
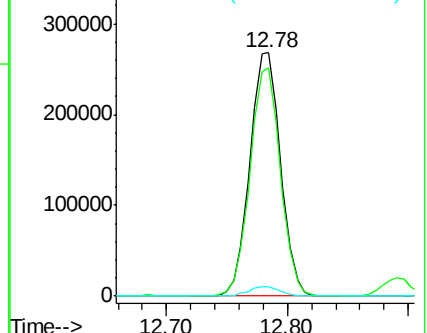
116 3.7 3.3 4.9

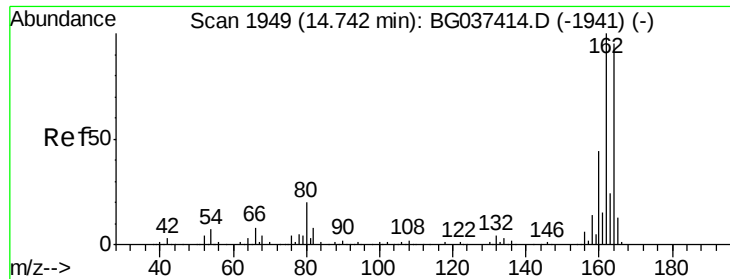


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

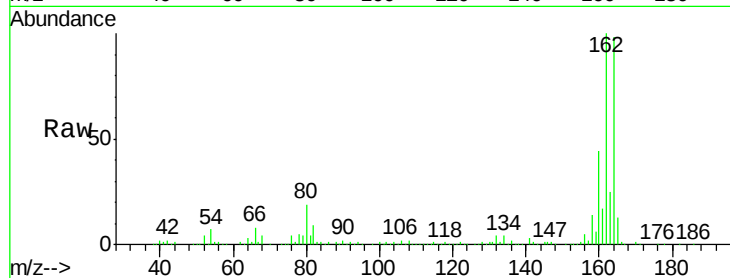
Tgt Ion:164 Resp: 174140

Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

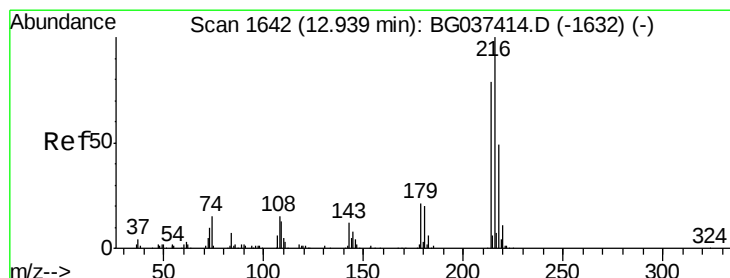
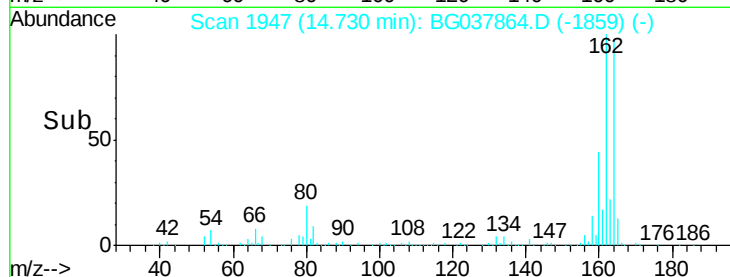
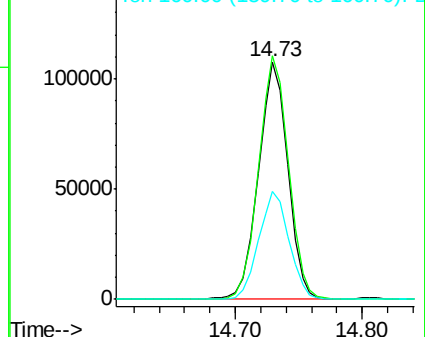
160 45.4 36.3 54.5



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: 44.935 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Tgt Ion:216 Resp: 252398

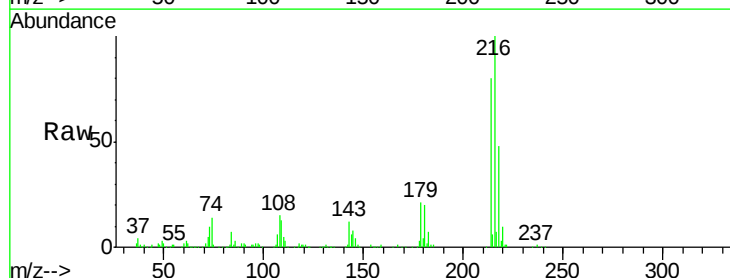
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 20.7 17.4 26.0

108 18.6 13.9 20.9

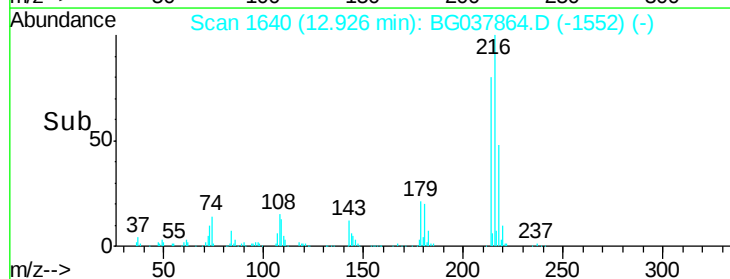
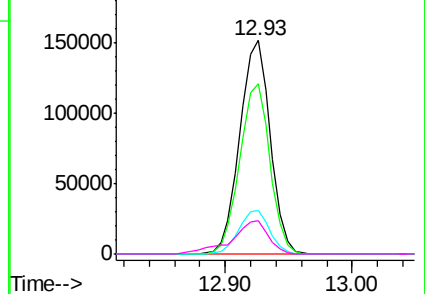


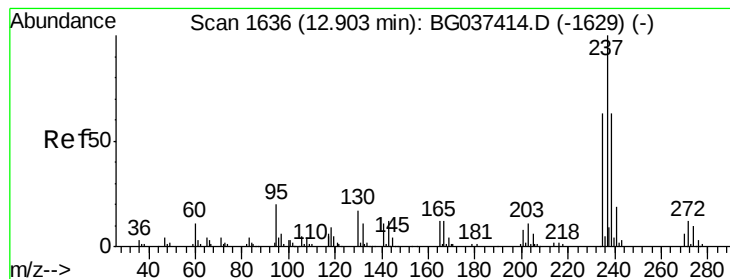
Abundance Ion 216.00 (215.70 to 216.70): E

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: 109.697 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

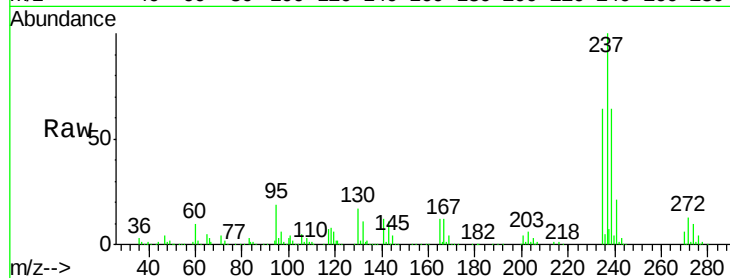
Tgt Ion:237 Resp: 294326

Ion Ratio Lower Upper

237 100

235 63.5 42.5 82.5

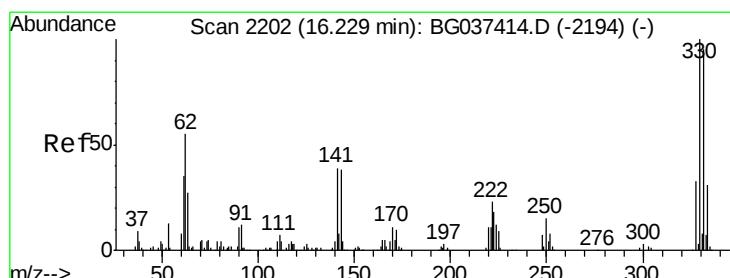
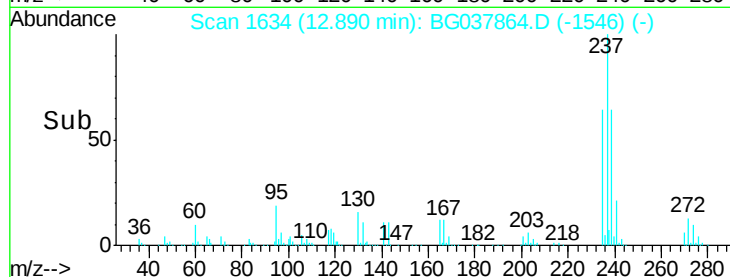
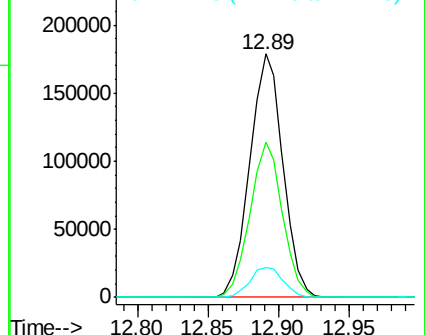
272 12.5 0.0 31.6



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: 118.236 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

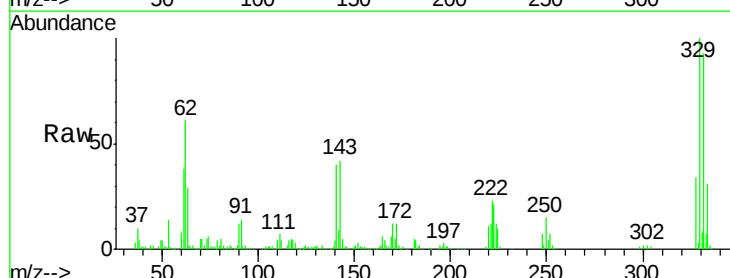
Tgt Ion:330 Resp: 224568

Ion Ratio Lower Upper

330 100

332 94.6 78.4 117.6

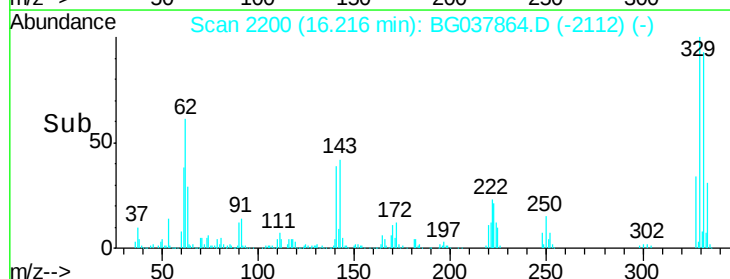
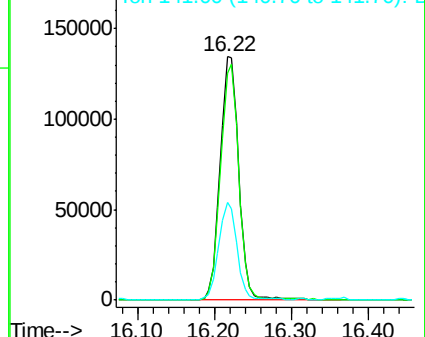
141 38.1 32.2 48.2



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

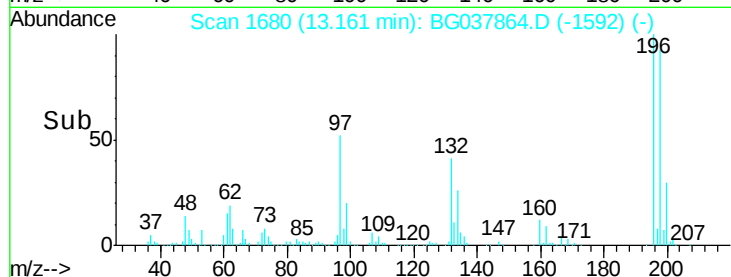
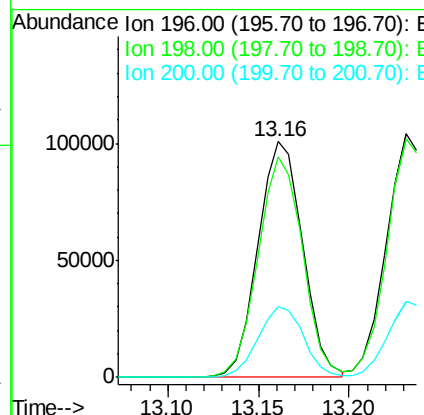
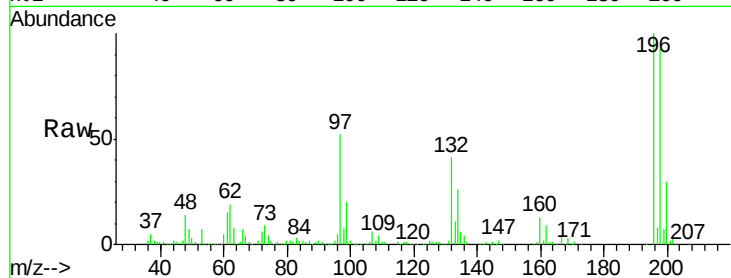




#43
 2,4,6-Trichlorophenol
 Concen: 46.001 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

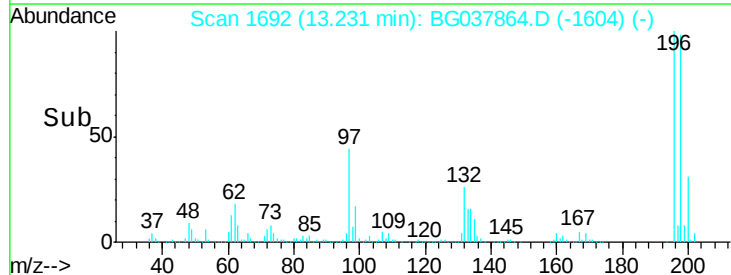
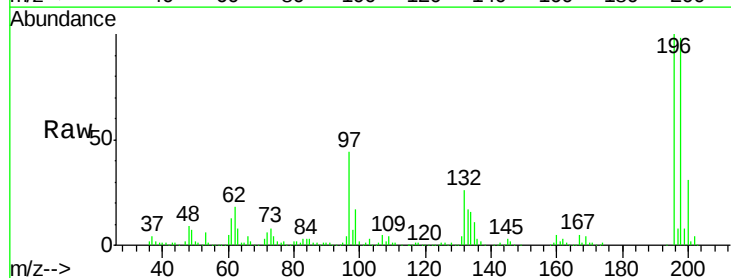
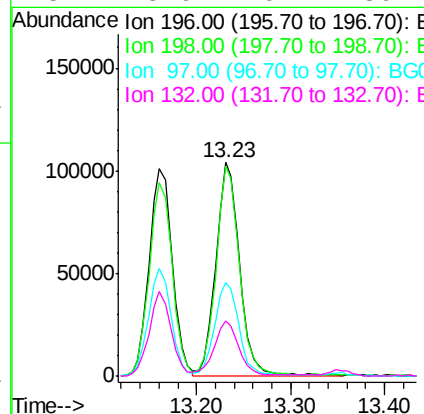
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tgt Ion:196 Resp: 172625
 Ion Ratio Lower Upper
 196 100
 198 93.5 76.4 114.6
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.890 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:196 Resp: 183409
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.2 111.2
 97 43.9 34.1 51.1
 132 25.9 20.2 30.4

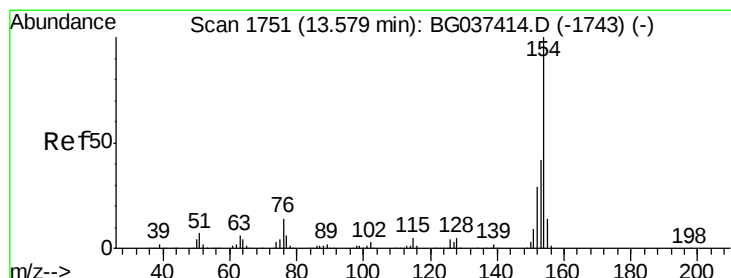
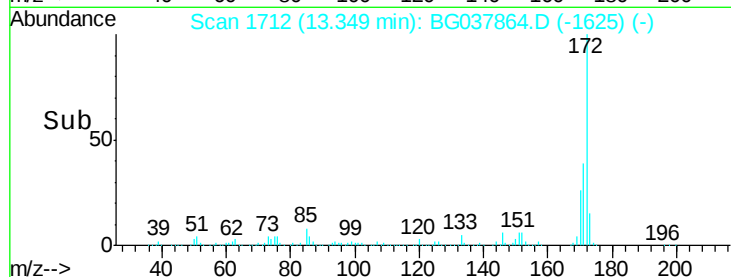
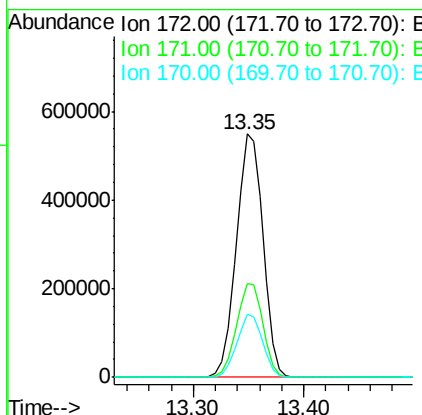
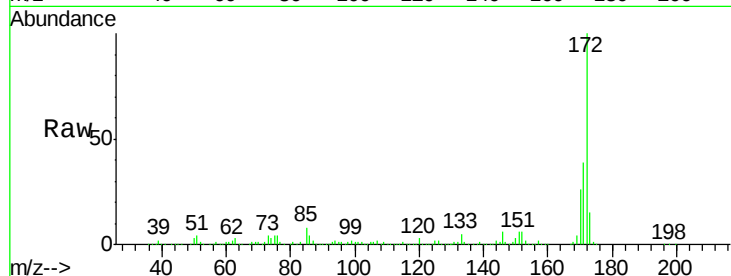




#45
2-Fluorobiphenyl
Concen: 80.539 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

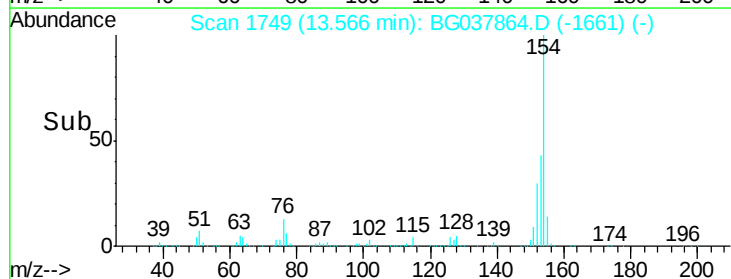
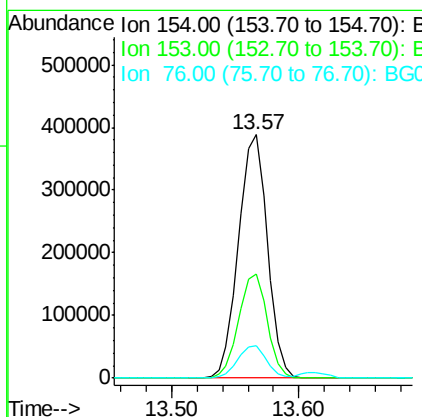
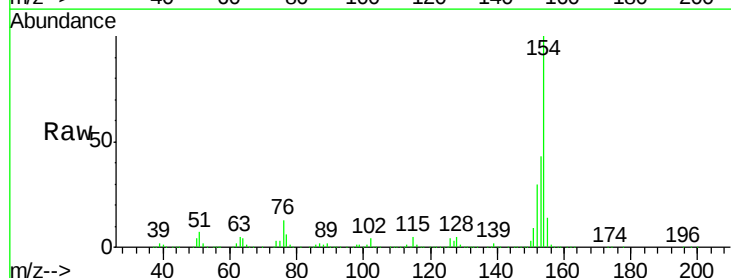
Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:172 Resp: 930078
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 25.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.670 ng
RT: 13.57 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:154 Resp: 615378
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 13.1 0.0 33.2

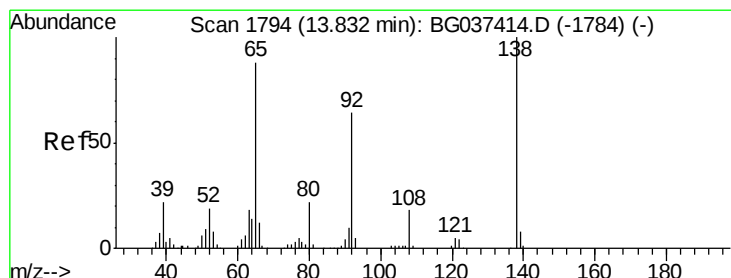
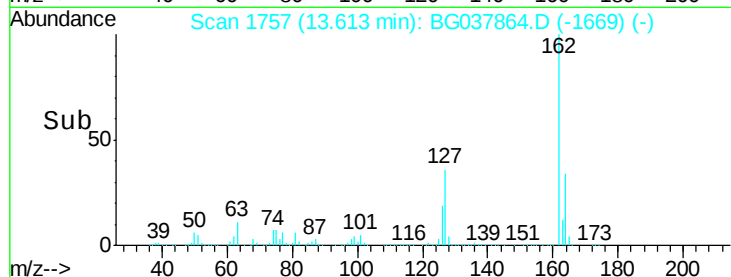
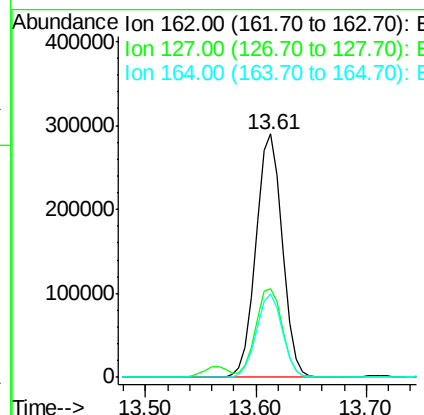
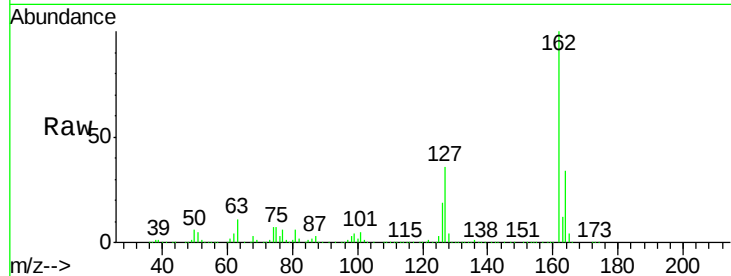




#47
 2-Chloronaphthalene
 Concen: 44.546 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

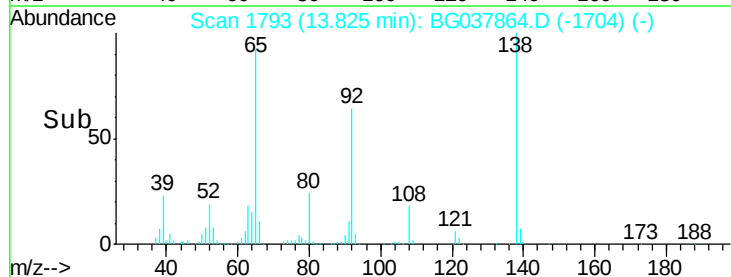
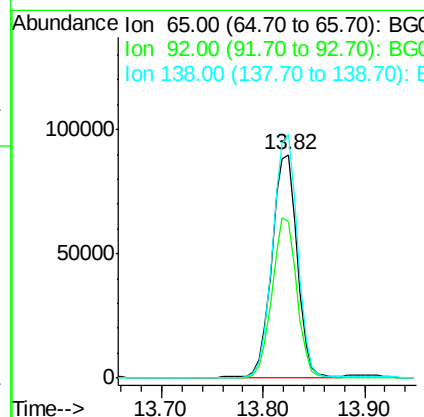
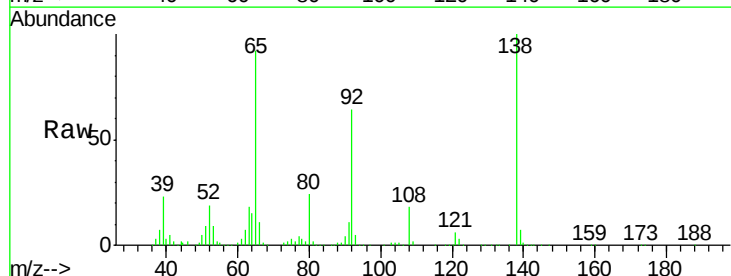
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

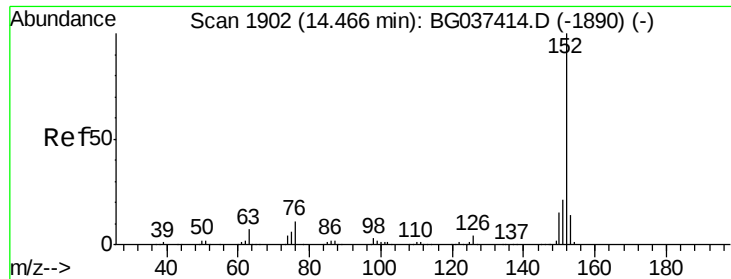
Tgt Ion: 162 Resp: 486033
 Ion Ratio Lower Upper
 162 100
 127 36.4 30.5 45.7
 164 34.3 26.4 39.6



#48
 2-Nitroaniline
 Concen: 47.614 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion: 65 Resp: 157541
 Ion Ratio Lower Upper
 65 100
 92 69.9 53.2 79.8
 138 109.1 79.3 118.9





#49

Acenaphthylene

Concen: 47.827 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

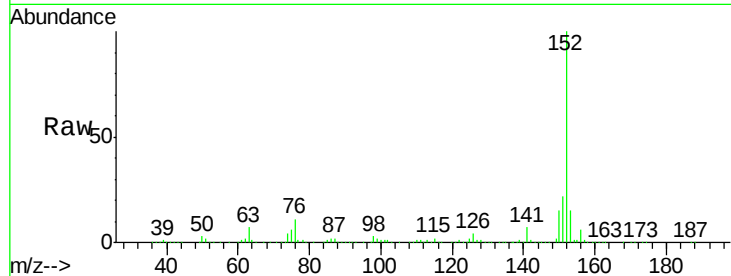
Tgt Ion:152 Resp: 784972

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

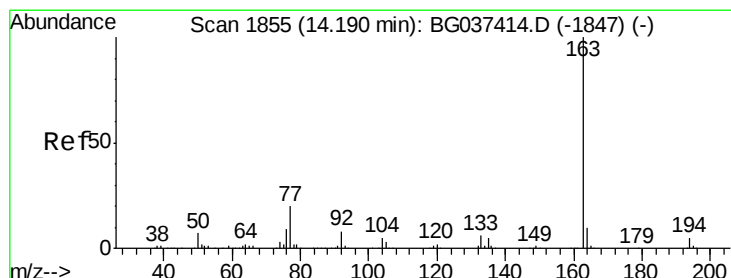
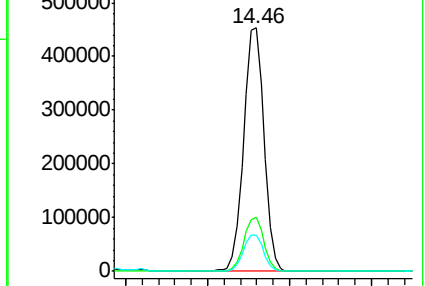
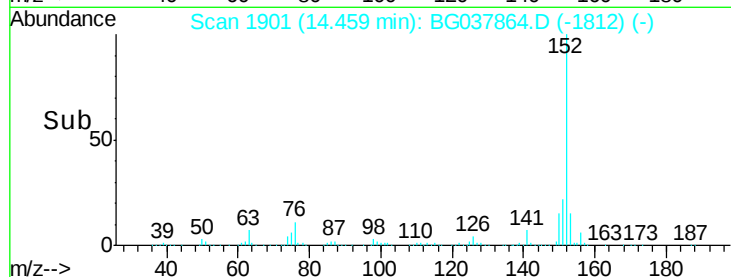
153 14.7 11.1 16.7



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: 45.081 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

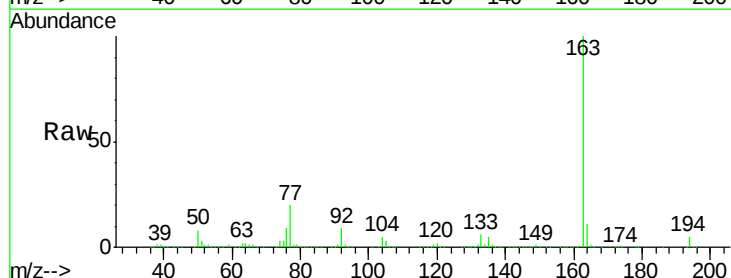
Tgt Ion:163 Resp: 607315

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

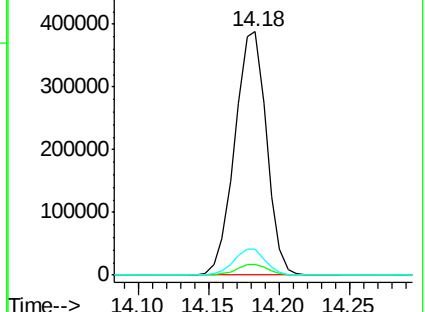
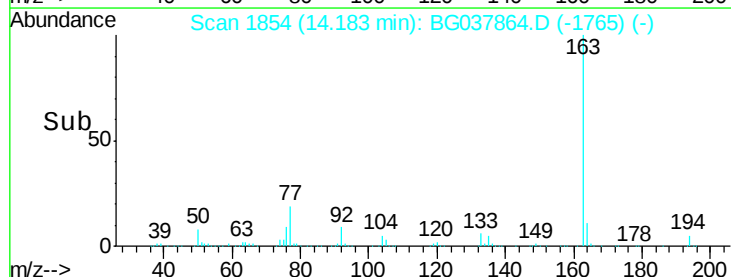
164 10.6 8.5 12.7

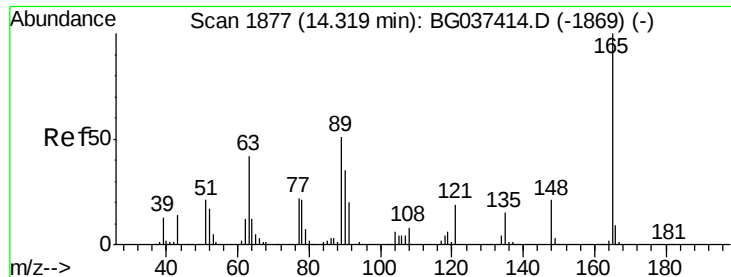


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.564 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

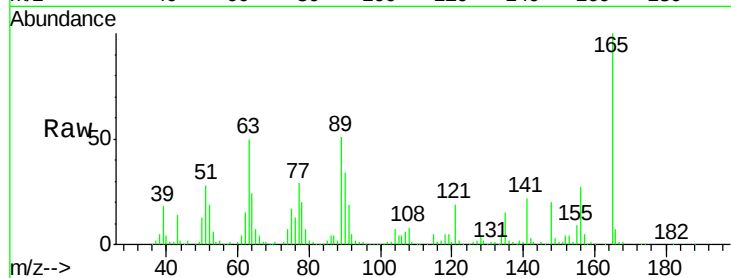
Tgt Ion:165 Resp: 138770

Ion Ratio Lower Upper

165 100

63 50.1 43.4 65.2

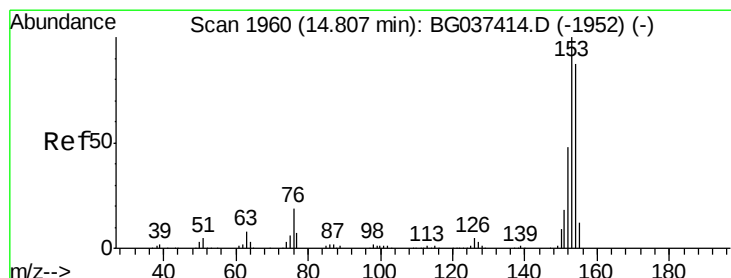
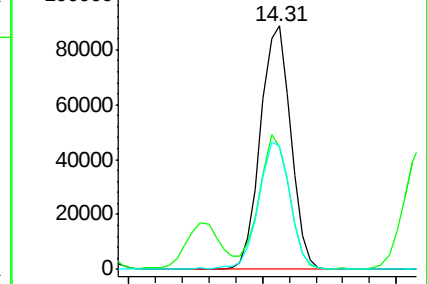
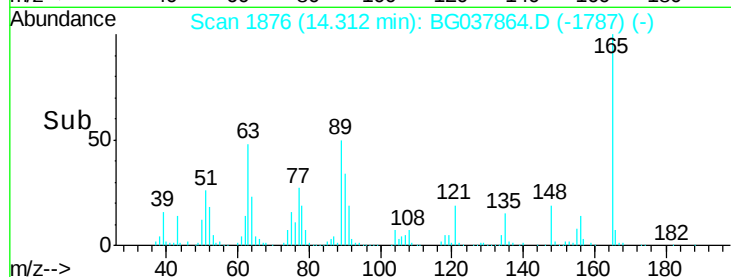
89 50.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.981 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

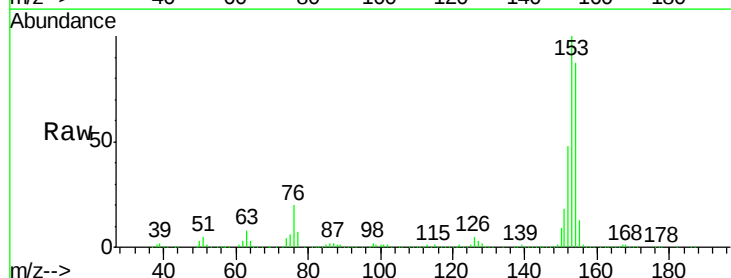
Tgt Ion:154 Resp: 474887

Ion Ratio Lower Upper

154 100

153 114.7 93.4 140.0

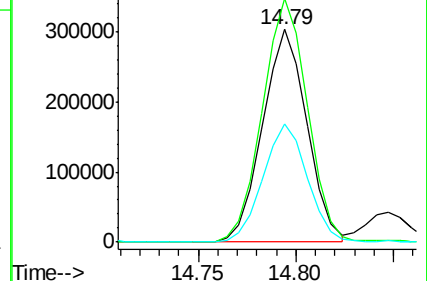
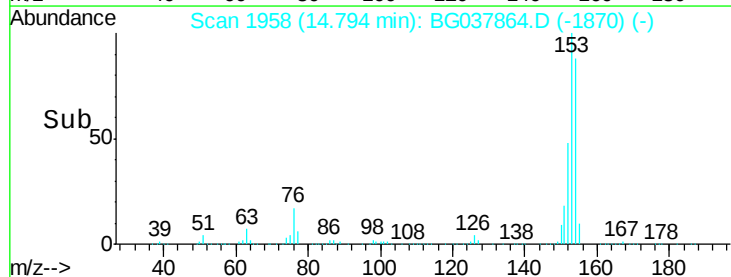
152 55.5 44.7 67.1

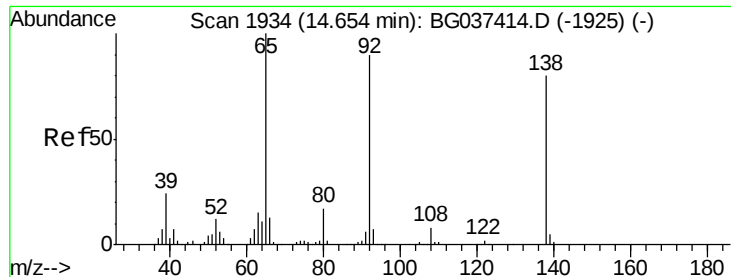


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 19.142 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

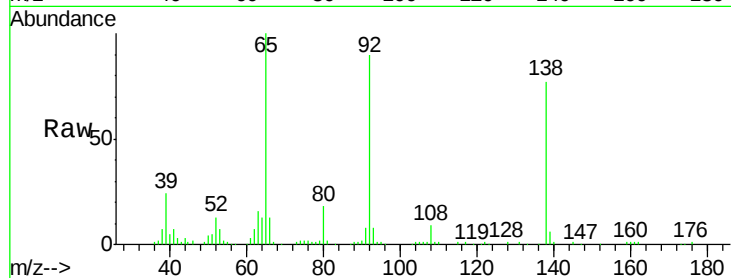
Tgt Ion:138 Resp: 63332

Ion Ratio Lower Upper

138 100

108 11.6 11.0 16.6

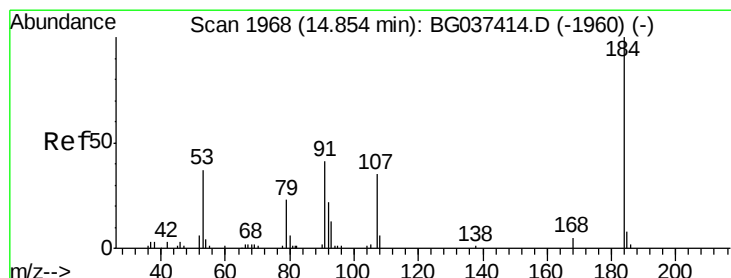
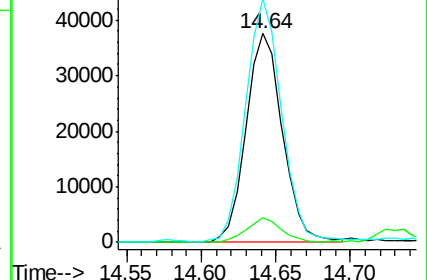
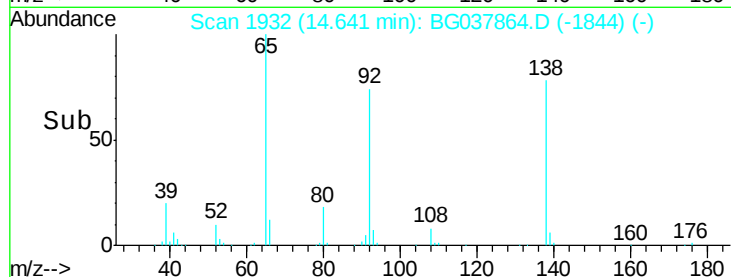
92 116.7 95.2 142.8



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: 87.978 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

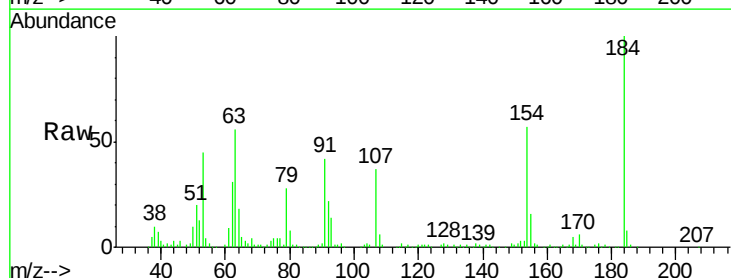
Tgt Ion:184 Resp: 124005

Ion Ratio Lower Upper

184 100

63 55.6 42.6 63.8

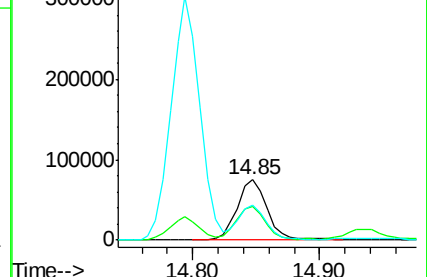
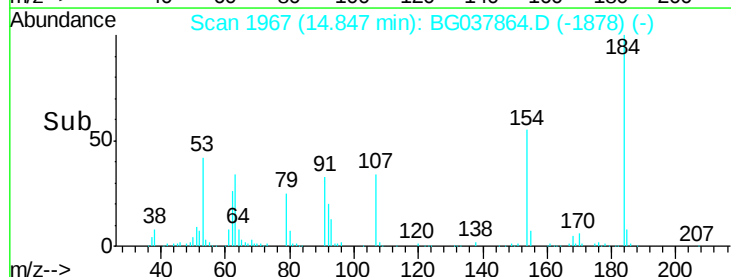
154 57.1 41.8 62.6

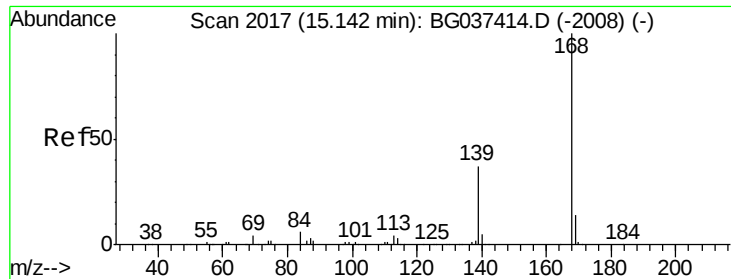


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 45.210 ng

RT: 15.13 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

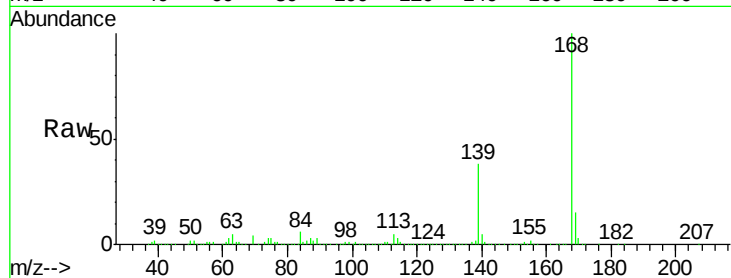
Tgt Ion:168 Resp: 757142

Ion Ratio Lower Upper

168 100

139 38.0 29.4 44.0

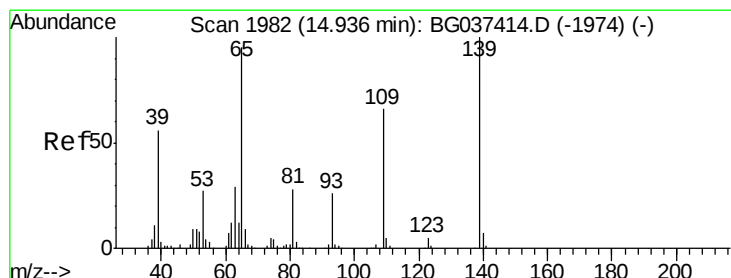
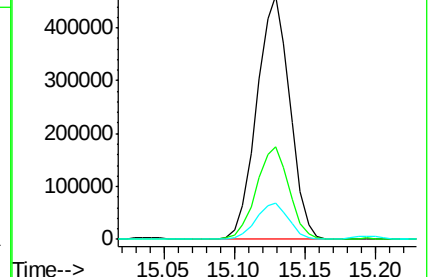
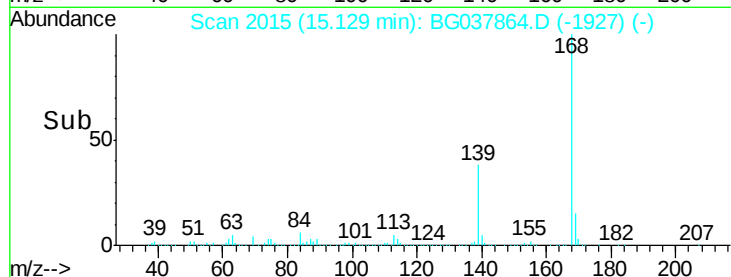
169 14.8 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 41.905 ng

RT: 14.94 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

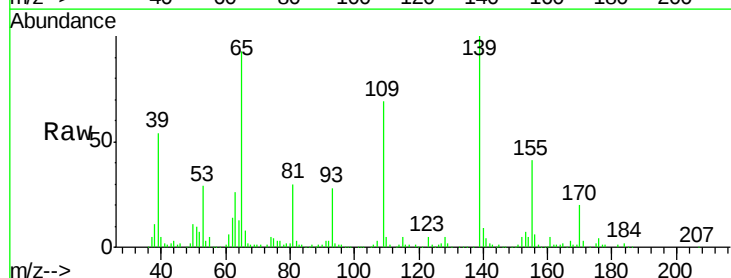
Tgt Ion:139 Resp: 102623

Ion Ratio Lower Upper

139 100

109 69.5 49.5 89.5

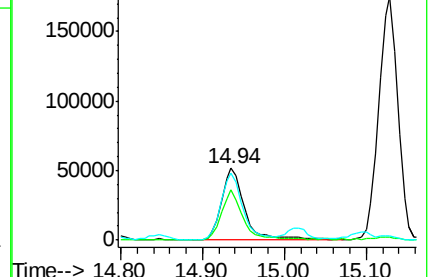
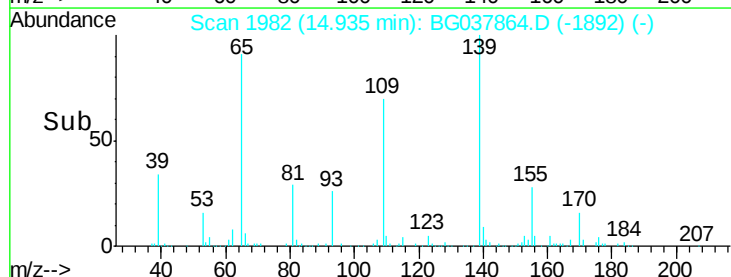
65 93.2 76.8 116.8

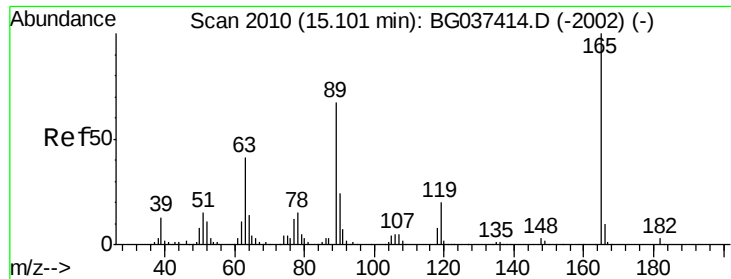


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

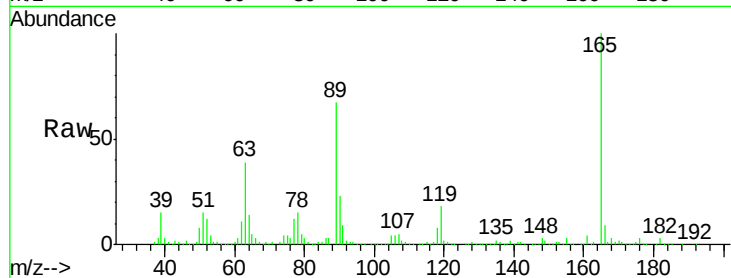




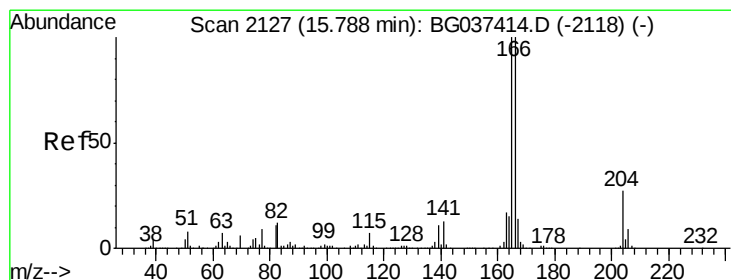
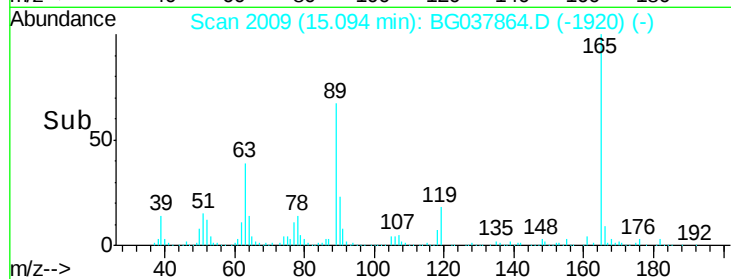
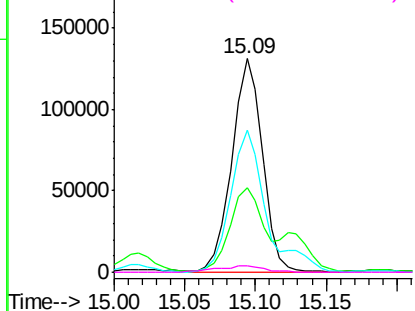
#57
2,4-Dinitrotoluene
Concen: 50.407 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:	165	Resp:	197196
Ion	Ratio	Lower	Upper
165	100		
63	39.5	33.4	50.0
89	66.7	57.2	85.8
182	3.1	2.6	4.0

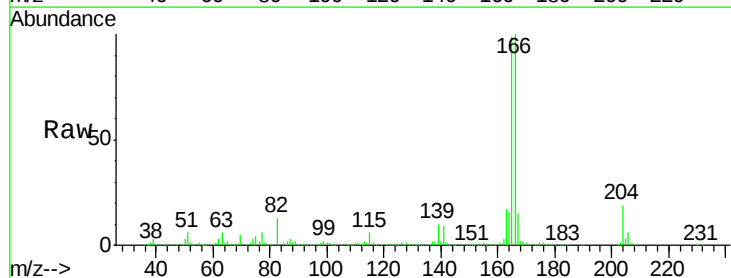


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

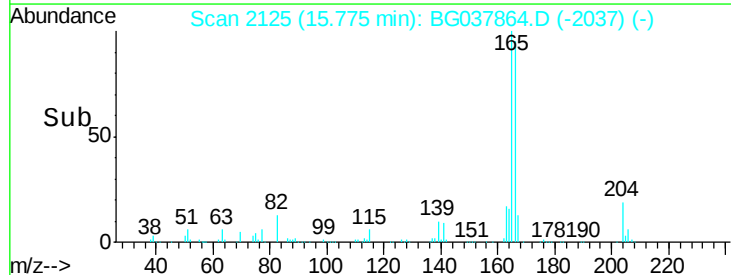
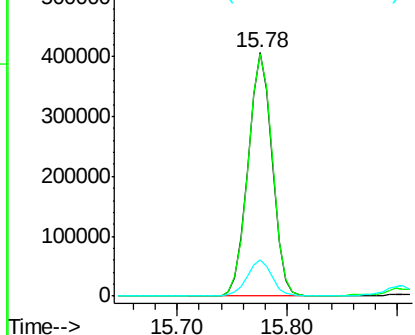


#58
Fluorene
Concen: 49.707 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:	166	Resp:	623385
Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.6
167	15.0	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

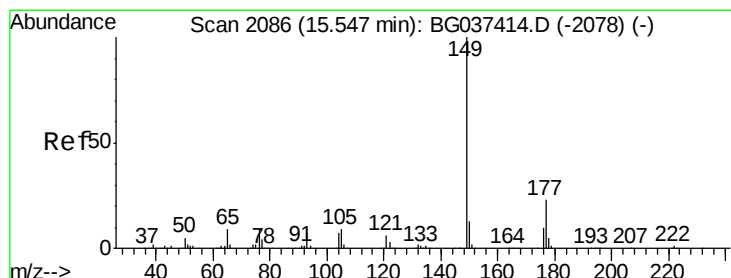
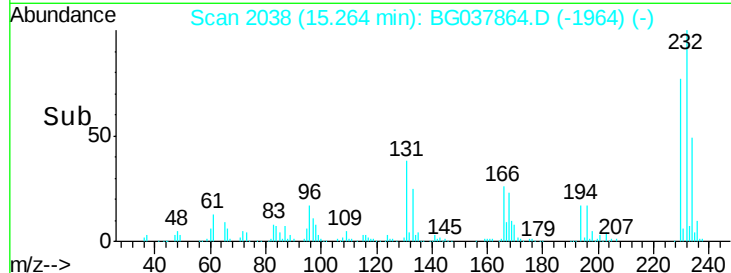
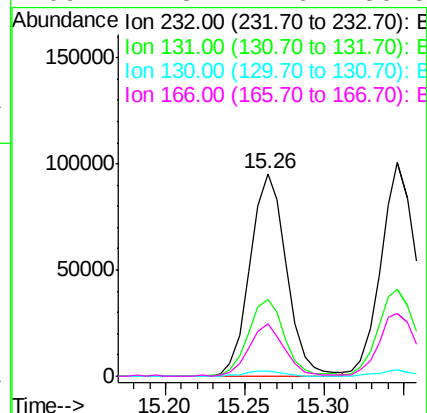
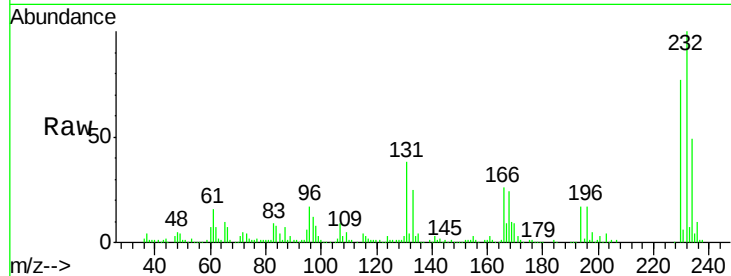




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.579 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.10 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

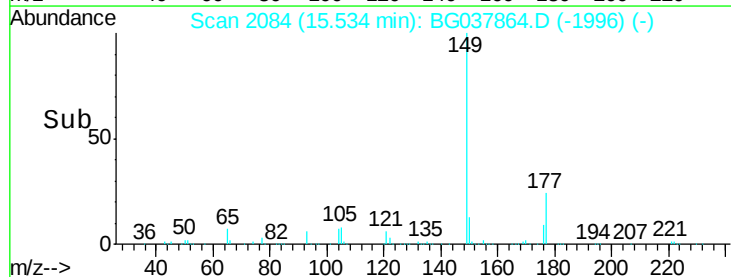
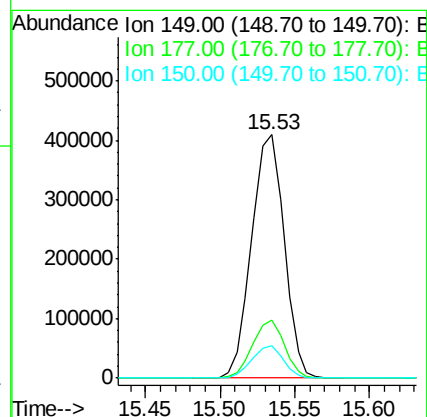
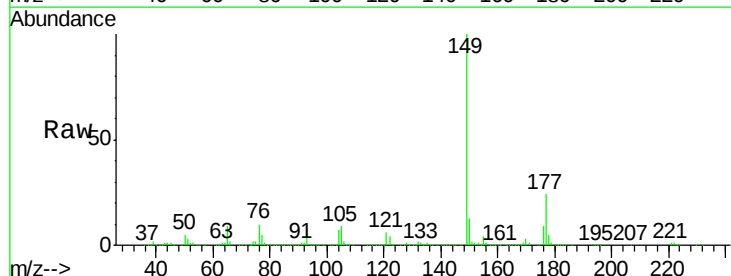
Instrument :
BNA_G
ClientSampleId :
C19013081MS

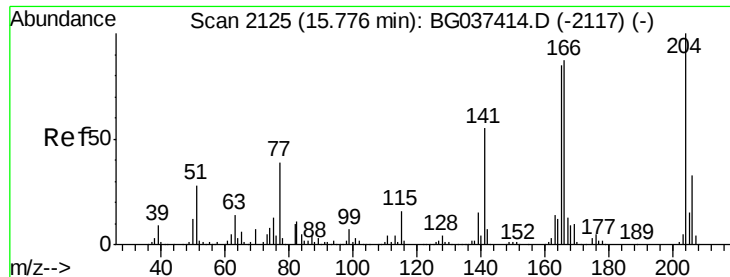
Tgt Ion:232 Resp: 152448
Ion Ratio Lower Upper
232 100
131 37.7 33.7 50.5
130 2.7 2.1 3.1
166 24.8 24.6 36.8



#60
Diethylphthalate
Concen: 44.656 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:149 Resp: 617632
Ion Ratio Lower Upper
149 100
177 23.7 18.3 27.5
150 13.3 10.0 15.0

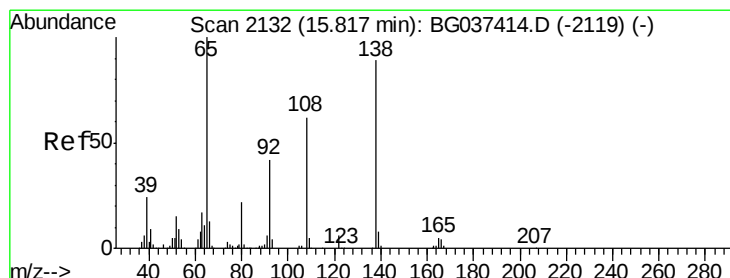
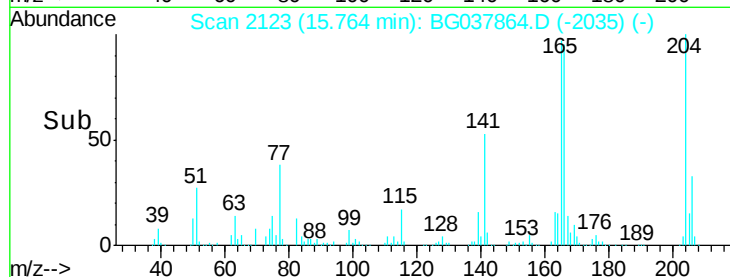
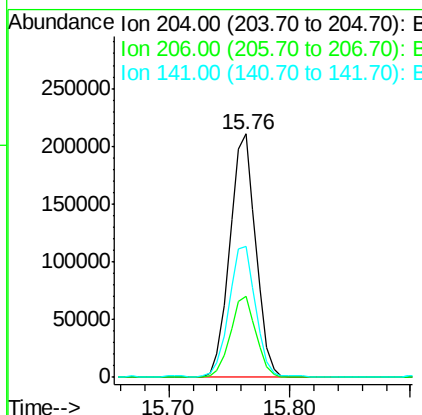
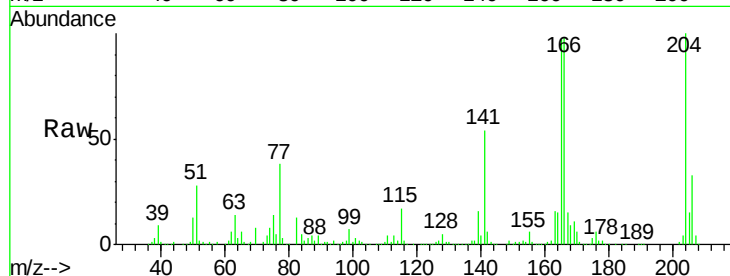




#61
4-Chlorophenyl-phenylether
Concen: 42.906 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

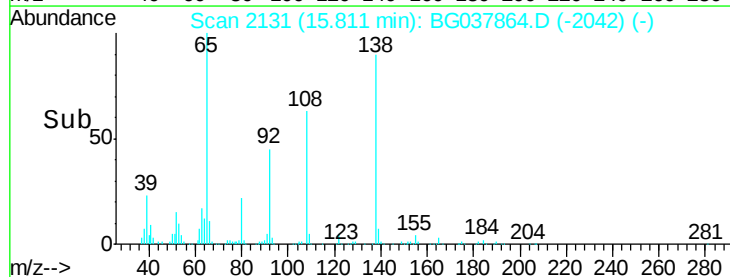
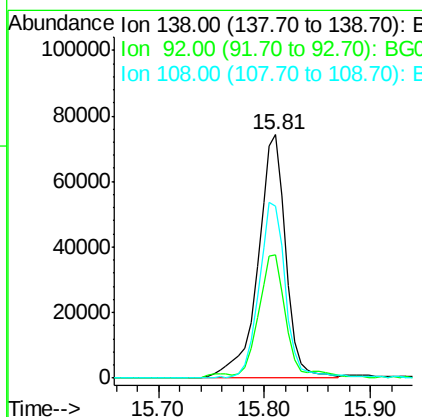
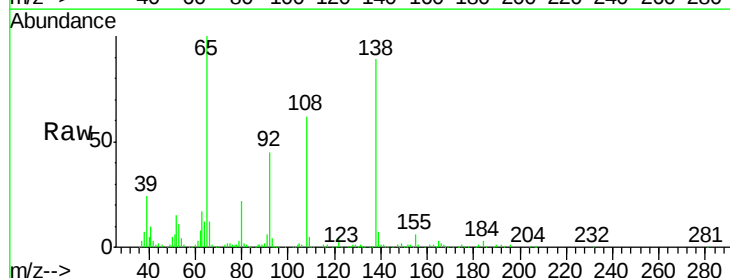
Instrument :
BNA_G
ClientSampleId :
C19013081MS

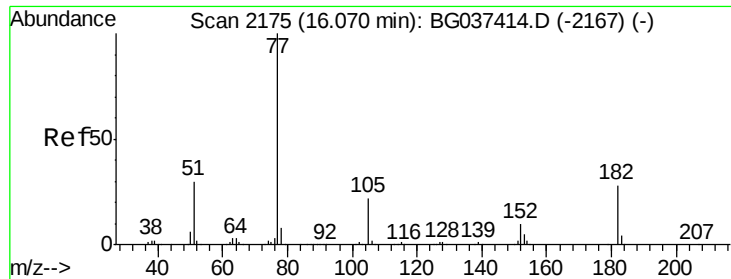
Tgt Ion: 204 Resp: 313633
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 53.8 45.4 68.2



#62
4-Nitroaniline
Concen: 41.569 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion: 138 Resp: 136659
Ion Ratio Lower Upper
138 100
92 50.6 36.4 76.4
108 70.4 60.1 100.1

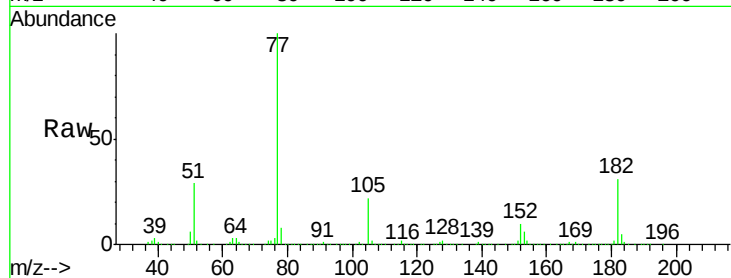




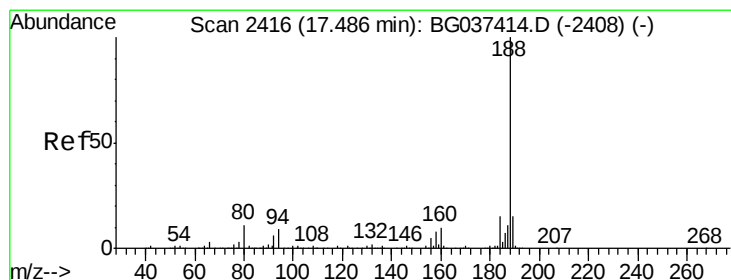
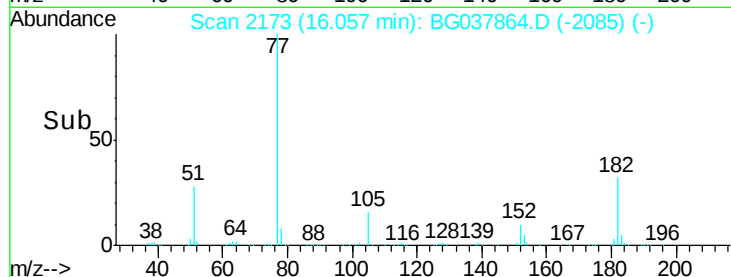
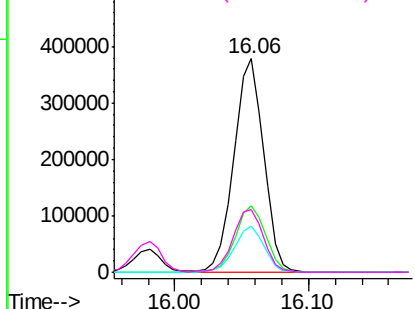
#63
Azobenzene
Concen: 44.088 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:	77	Resp:	581793
Ion	Ratio	Lower	Upper
77	100		
182	31.3	8.0	48.0
105	21.8	1.3	41.3
51	29.3	10.7	50.7

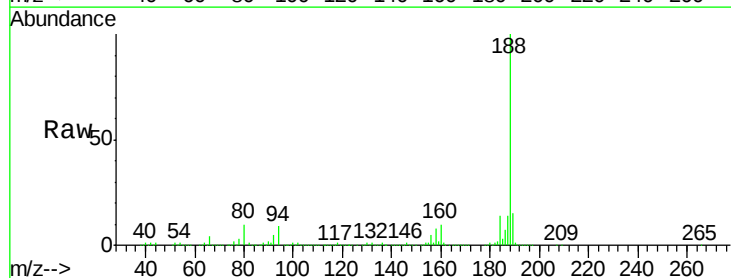


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

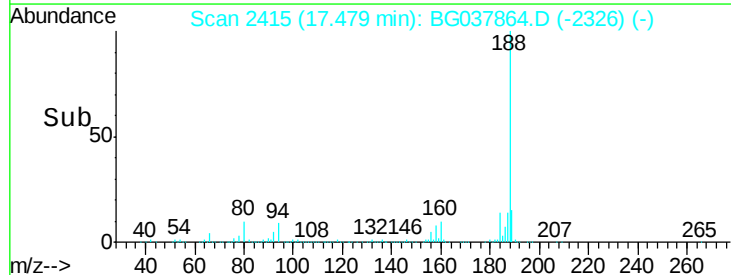
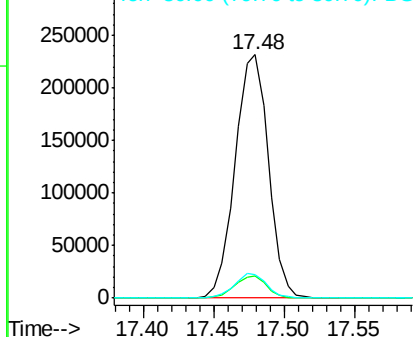


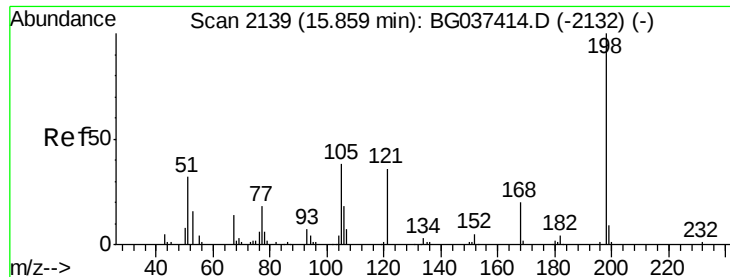
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:	188	Resp:	381419
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.5	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

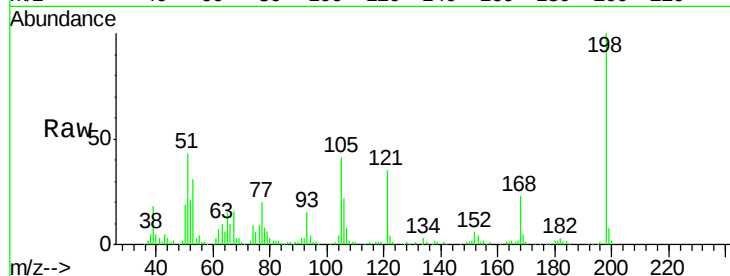




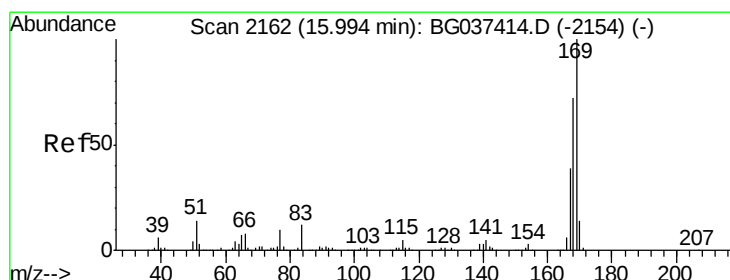
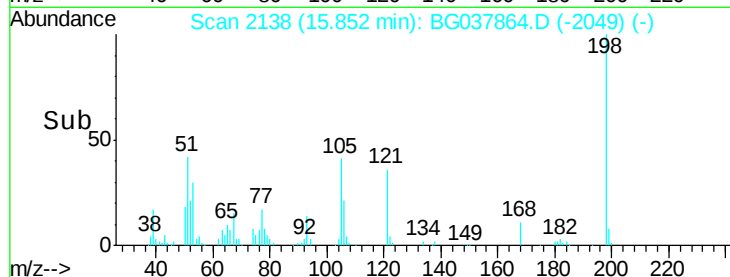
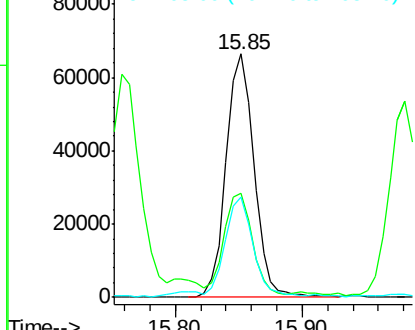
#65
4,6-Dinitro-2-methylphenol
Concen: 50.219 ng
RT: 15.85 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:198 Resp: 101471
Ion Ratio Lower Upper
198 100
51 42.8 22.7 62.7
105 41.2 19.7 59.7

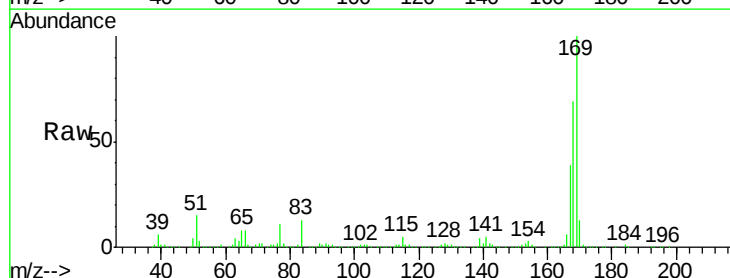


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

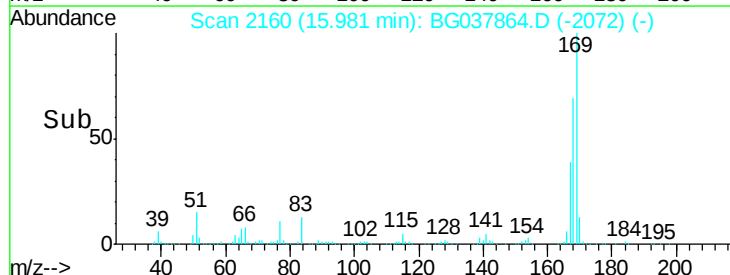
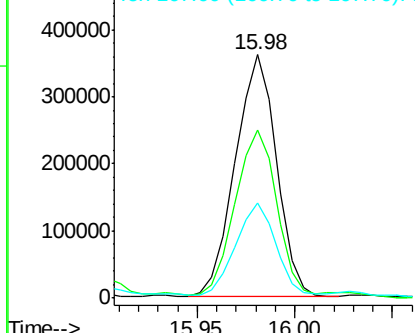


#66
n-Nitrosodiphenylamine
Concen: 45.943 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:169 Resp: 527109
Ion Ratio Lower Upper
169 100
168 69.2 55.7 83.5
167 38.9 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

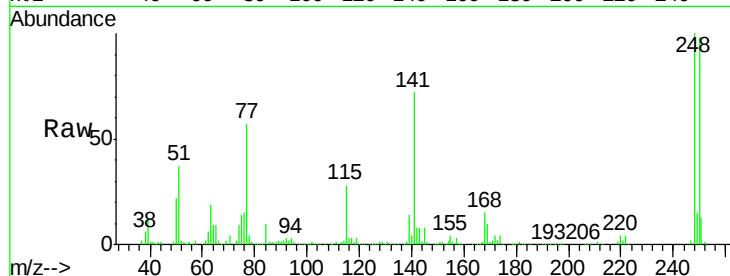




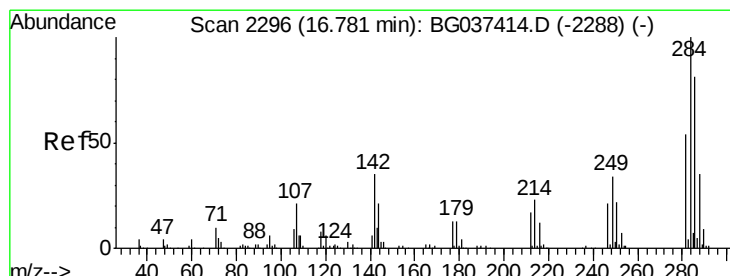
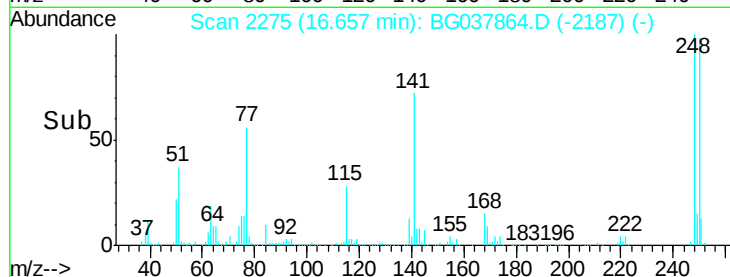
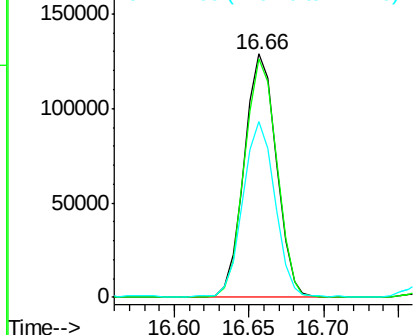
#67
 4-Bromophenyl-phenylether
 Concen: 45.906 ng
 RT: 16.66 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tgt Ion:248 Resp: 192284
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.0 115.6
 141 72.4 55.5 83.3

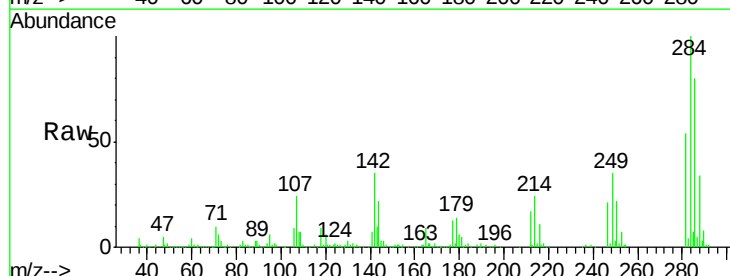


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

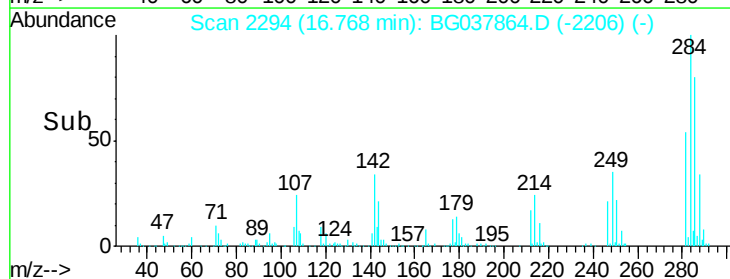
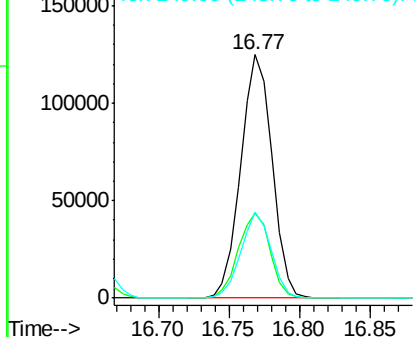


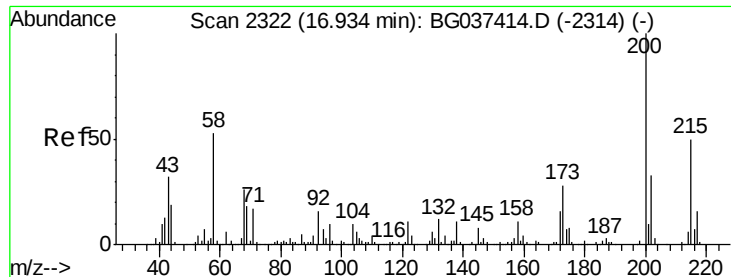
#68
 Hexachlorobenzene
 Concen: 44.638 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:284 Resp: 193779
 Ion Ratio Lower Upper
 284 100
 142 34.7 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

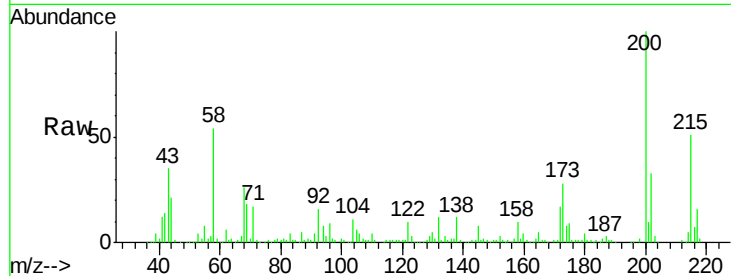




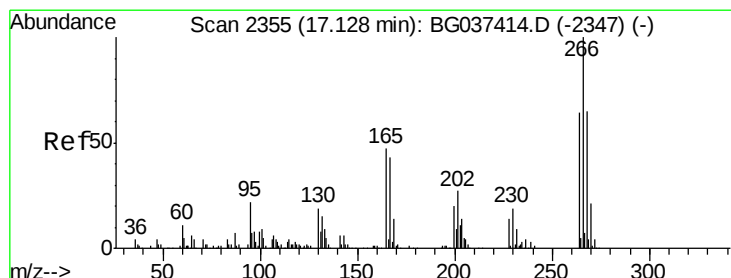
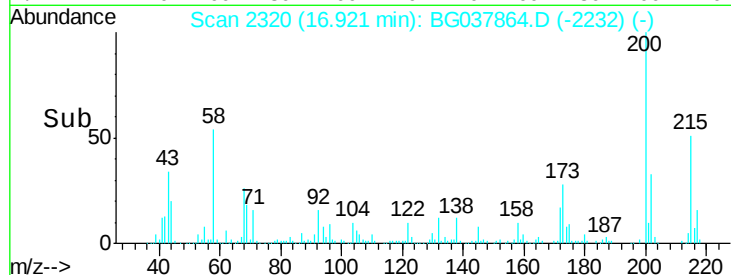
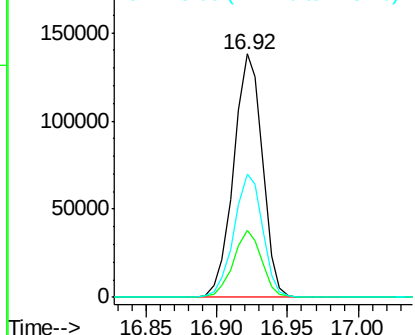
#69
 Atrazine
 Concen: 47.230 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

Tgt Ion:200 Resp: 195918
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.1 46.1
 215 50.6 30.8 70.8

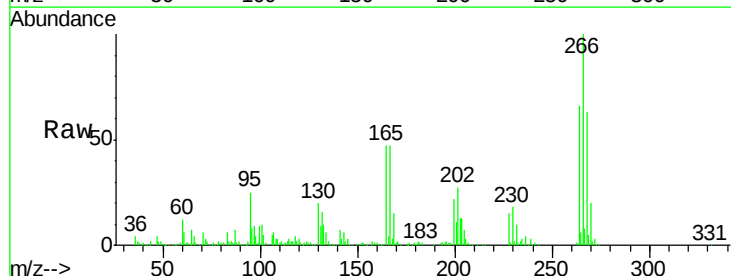


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

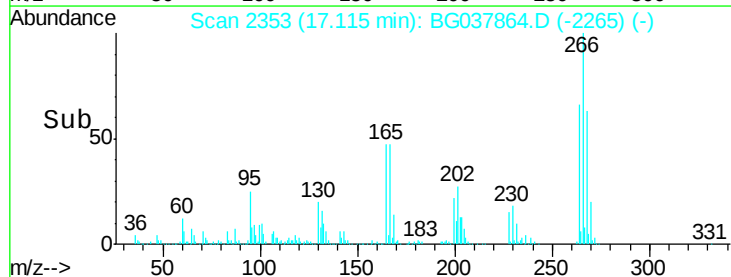
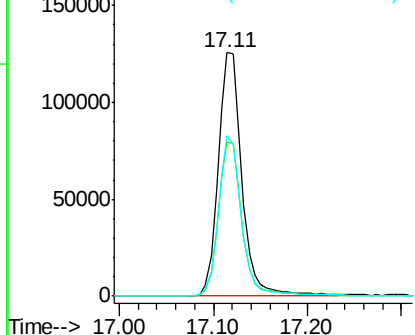


#70
 Pentachlorophenol
 Concen: 76.110 ng
 RT: 17.11 min Scan# 2353
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:266 Resp: 221315
 Ion Ratio Lower Upper
 266 100
 268 68.6 55.0 82.6
 264 71.6 58.9 88.3



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

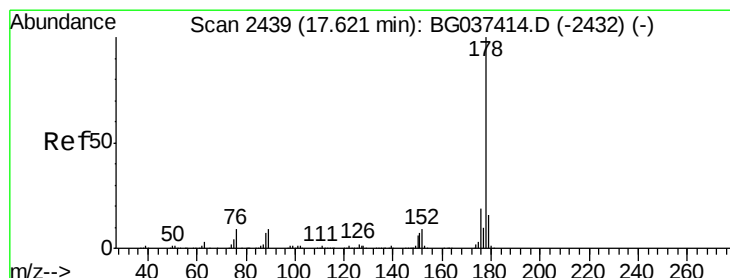
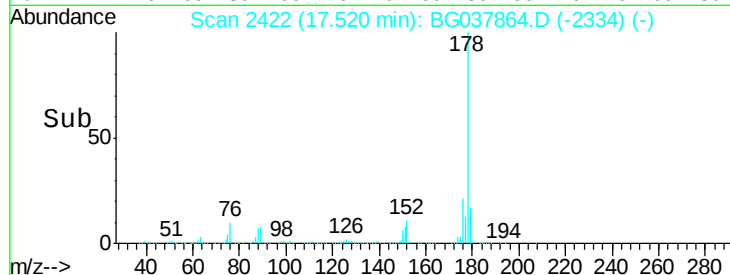
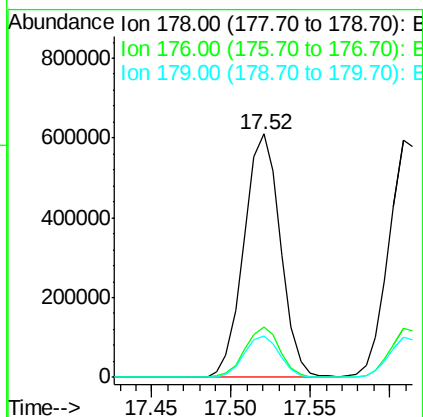
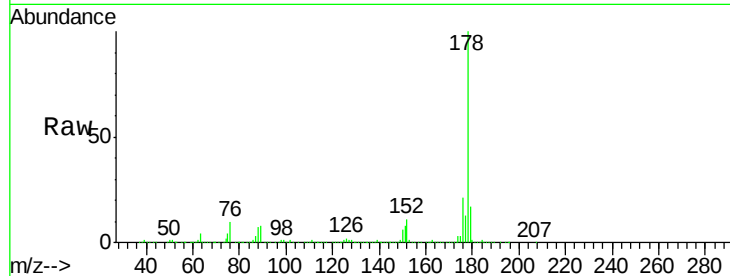




#71
Phenanthrene
Concen: 50.328 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

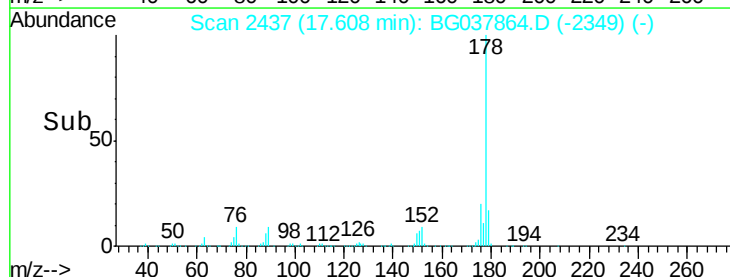
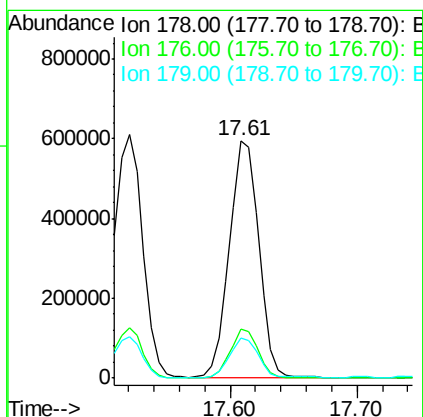
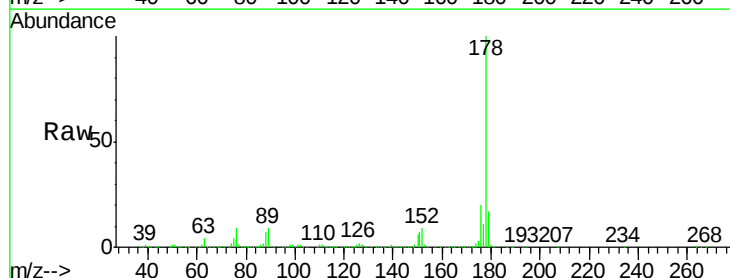
Instrument :
BNA_G
ClientSampleId :
C19013081MS

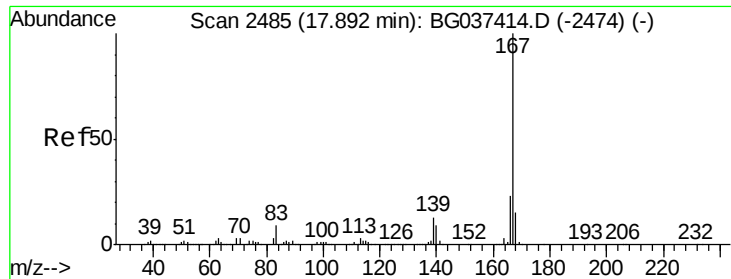
Tgt Ion:178 Resp: 975600
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.9 13.0 19.4



#72
Anthracene
Concen: 50.110 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:178 Resp: 953264
Ion Ratio Lower Upper
178 100
176 20.4 15.0 22.4
179 16.9 12.8 19.2

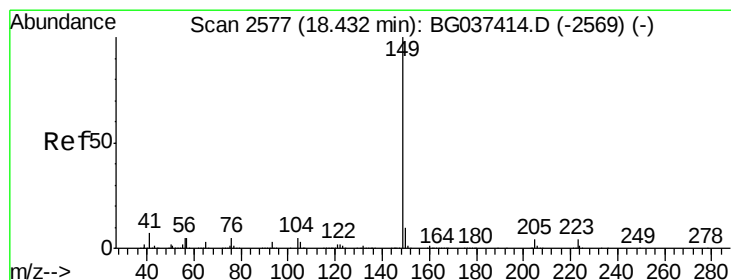
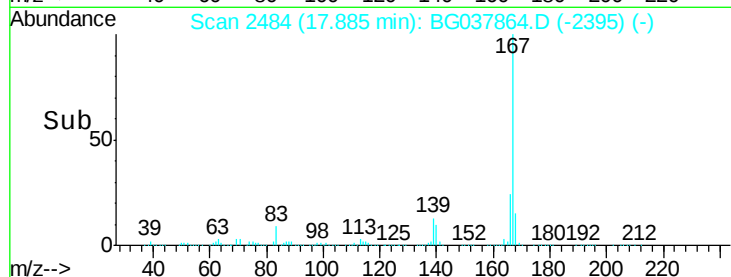
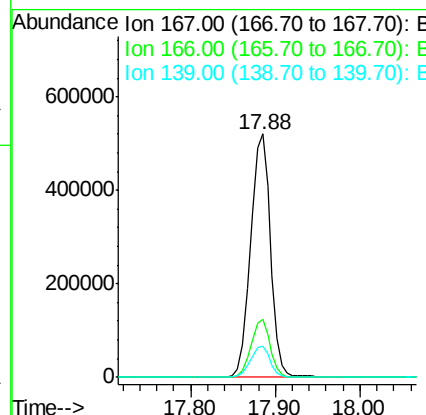
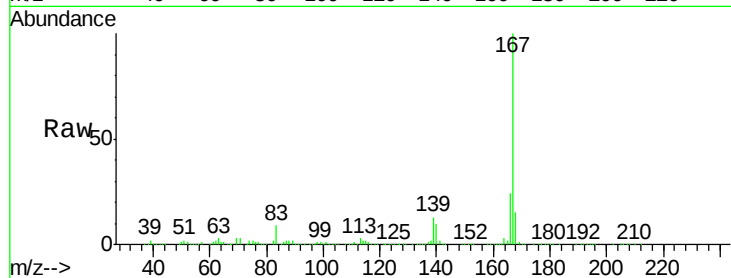




#73
 Carbazole
 Concen: 44.778 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

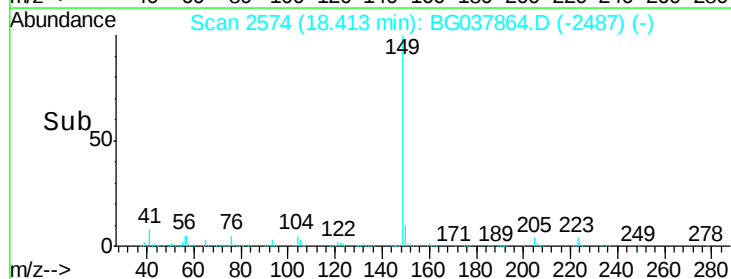
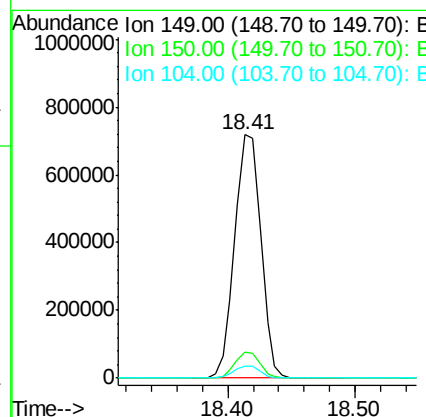
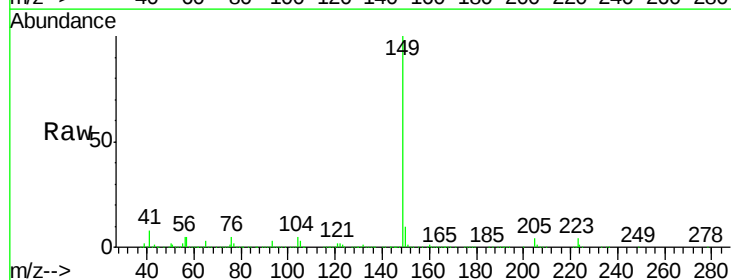
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

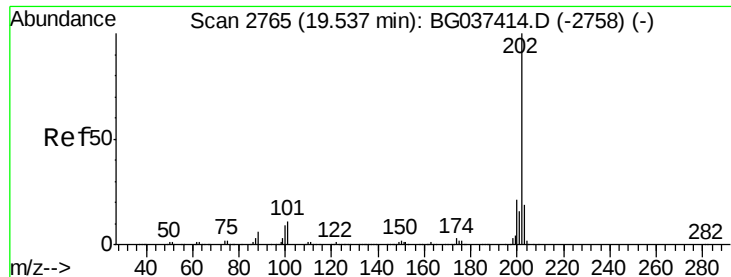
Tgt Ion:167 Resp: 852094
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.3 27.5
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.365 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:149 Resp: 1023815
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.2 12.2
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 48.957 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

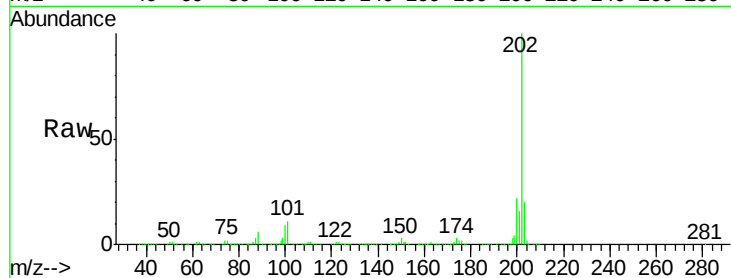
Tgt Ion:202 Resp: 1076373

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

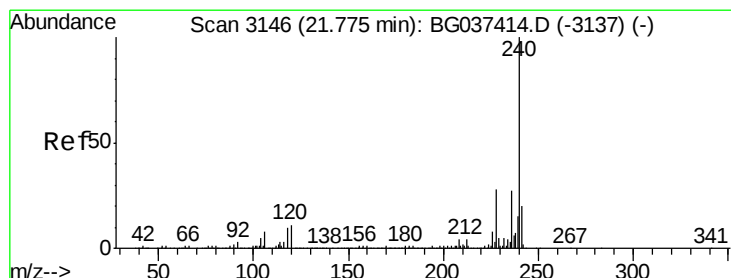
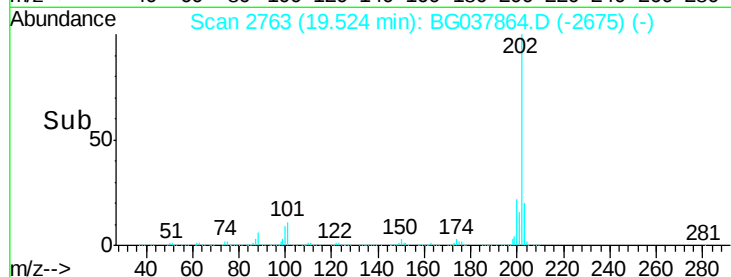
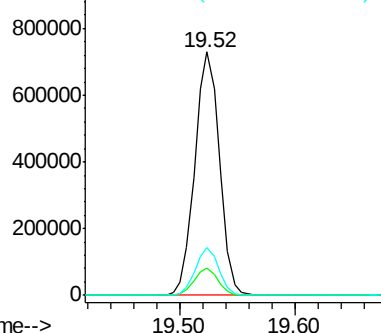
203 19.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

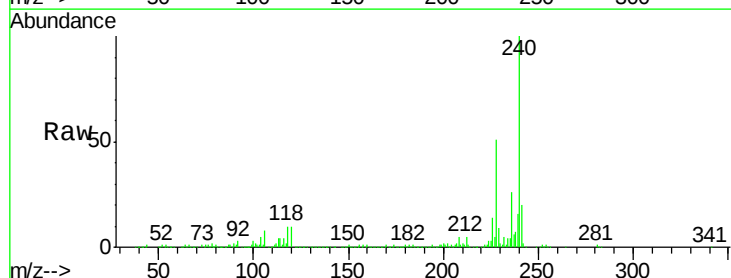
Tgt Ion:240 Resp: 344207

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

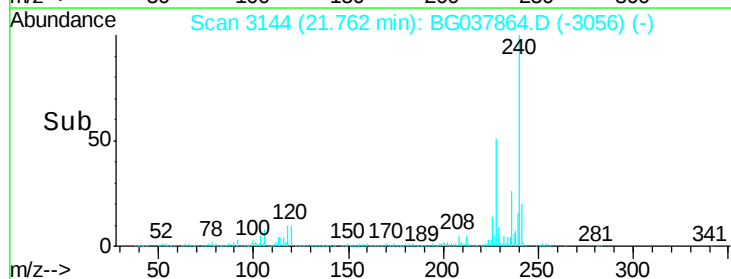
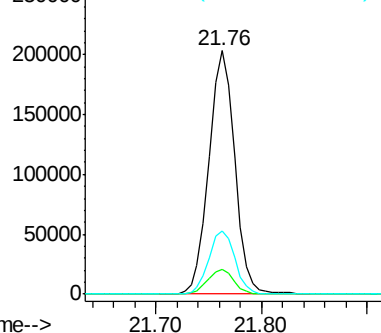
236 26.2 21.4 32.0



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

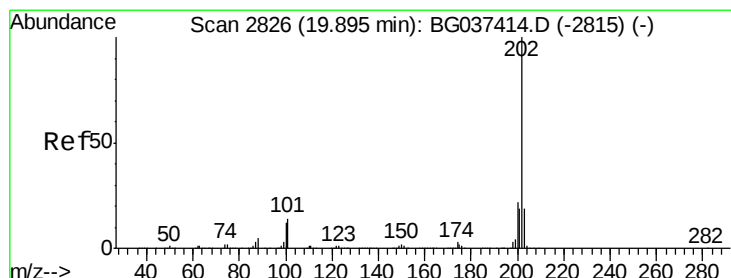
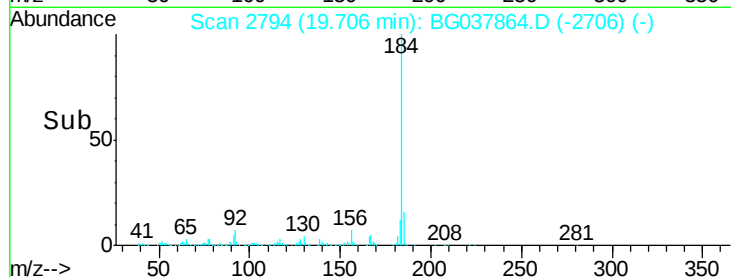
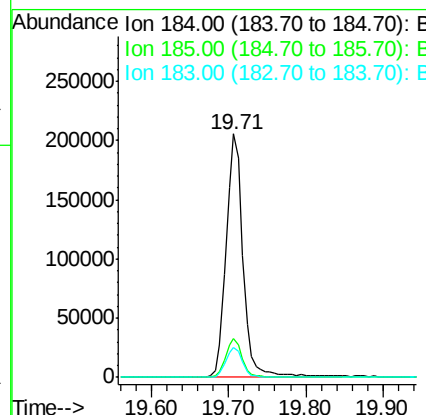
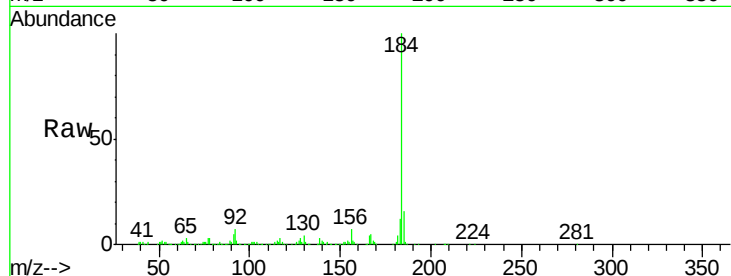




#77
Benzidine
Concen: 26.895 ng
RT: 19.71 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

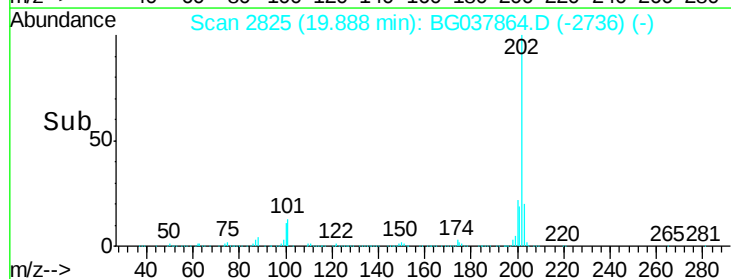
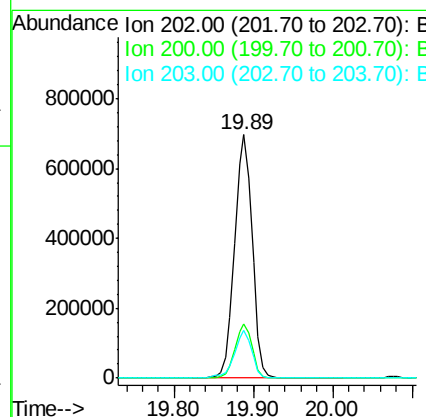
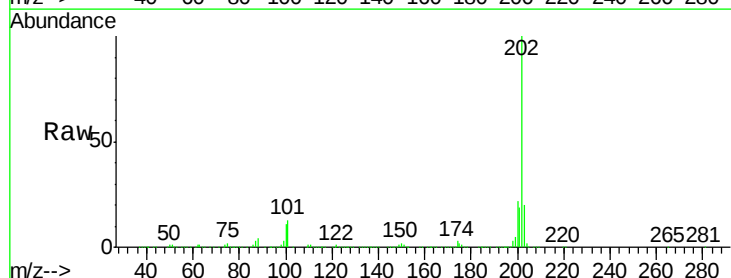
Instrument :
BNA_G
ClientSampleId :
C19013081MS

Tgt Ion:184 Resp: 314773
Ion Ratio Lower Upper
184 100
185 16.1 12.6 18.8
183 12.2 10.2 15.2



#78
Pyrene
Concen: 47.509 ng
RT: 19.89 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:202 Resp: 1069026
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 19.8 15.2 22.8





#79

Terphenyl-d14

Concen: 77.806 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

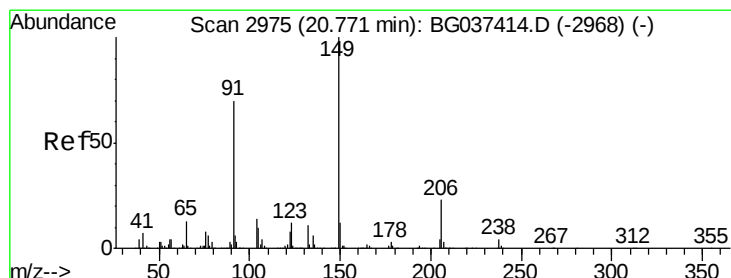
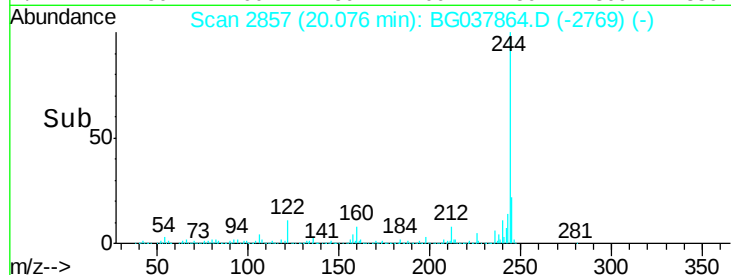
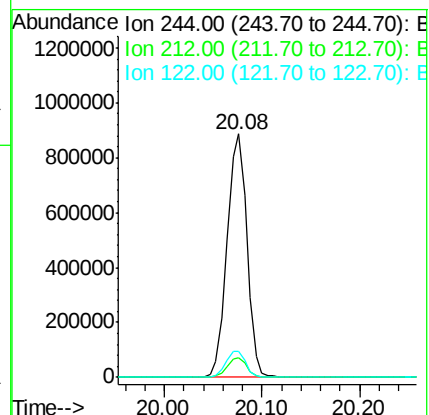
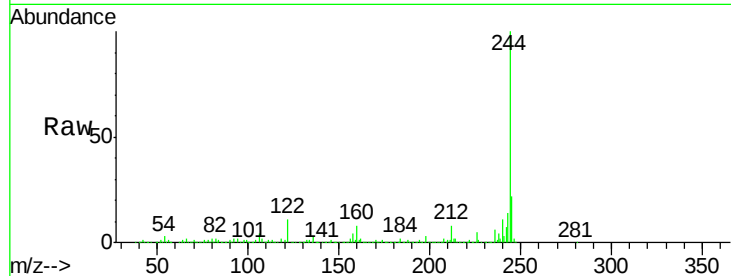
Tgt Ion:244 Resp: 1253358

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 10.7 9.0 13.4



#80

Butylbenzylphthalate

Concen: 51.277 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

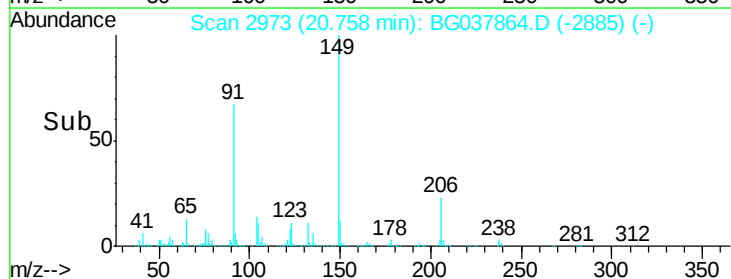
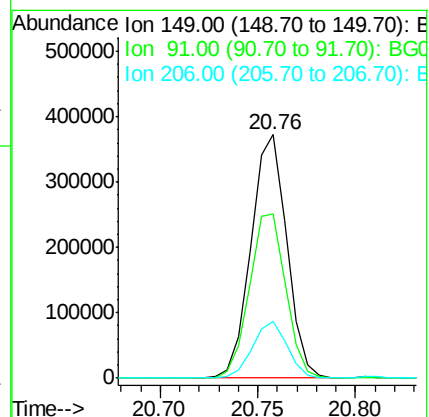
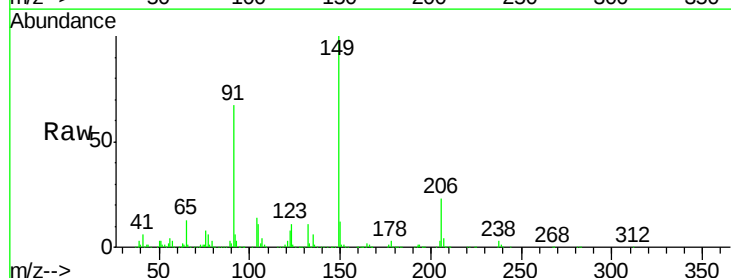
Tgt Ion:149 Resp: 472202

Ion Ratio Lower Upper

149 100

91 67.2 57.0 85.4

206 23.3 17.8 26.6





#81

Benzo(a)anthracene

Concen: 49.767 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

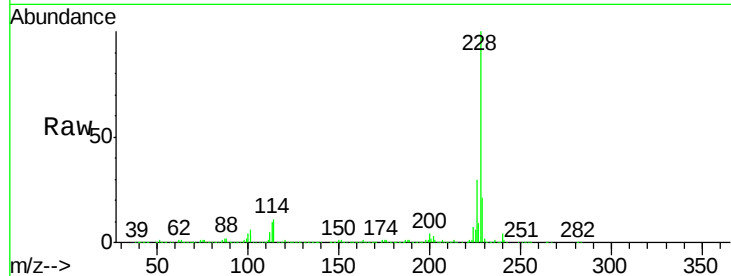
Tgt Ion:228 Resp: 1013227

Ion Ratio Lower Upper

228 100

226 29.8 22.6 33.8

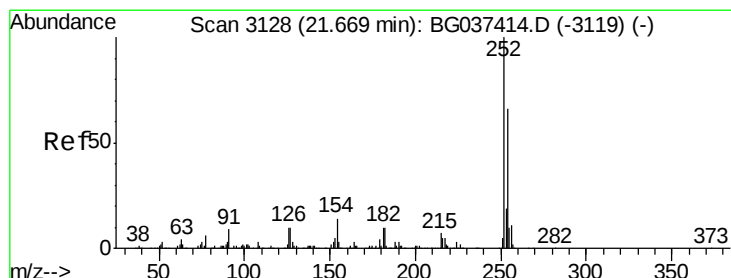
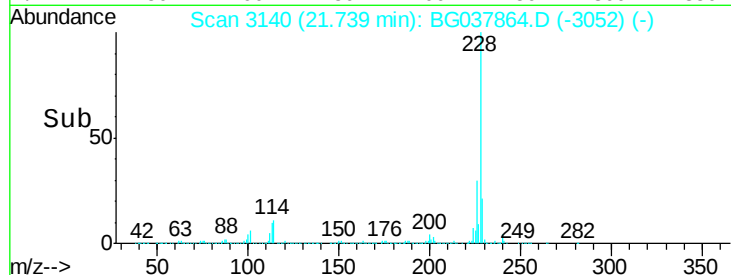
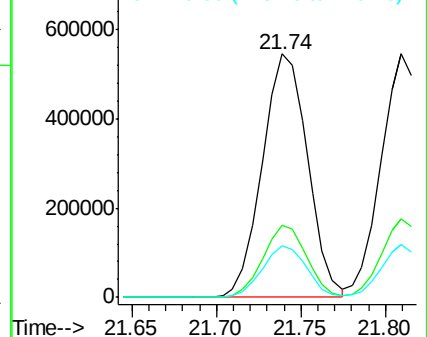
229 21.3 16.3 24.5



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: 23.331 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

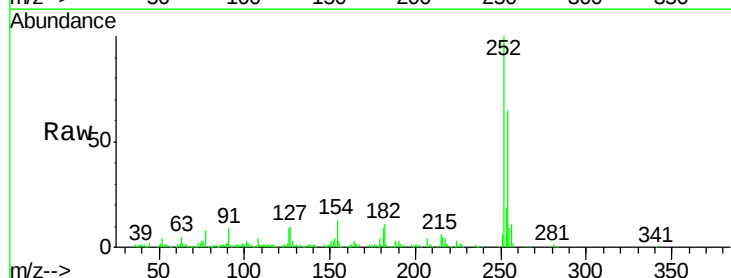
Tgt Ion:252 Resp: 184118

Ion Ratio Lower Upper

252 100

254 65.2 52.0 78.0

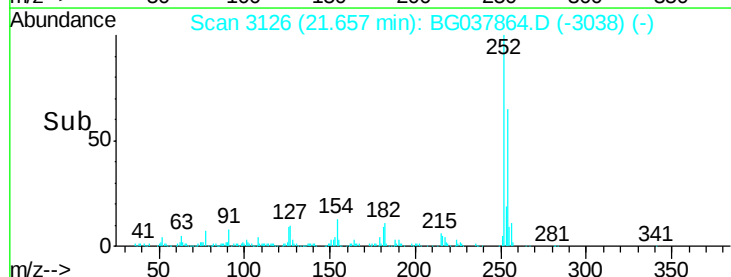
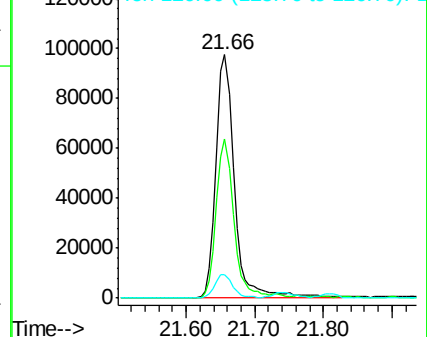
126 9.5 8.2 12.4

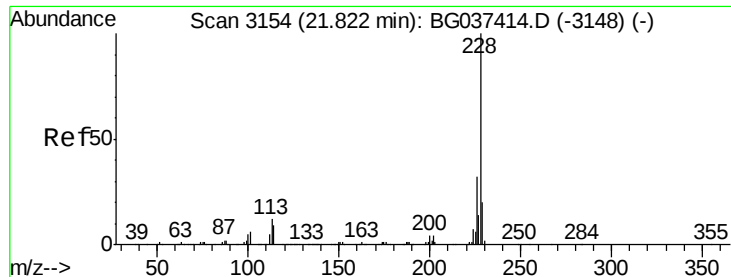


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

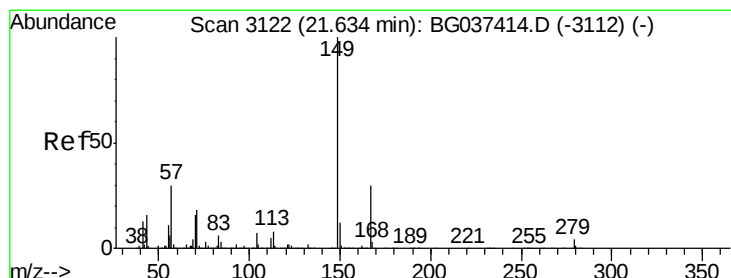
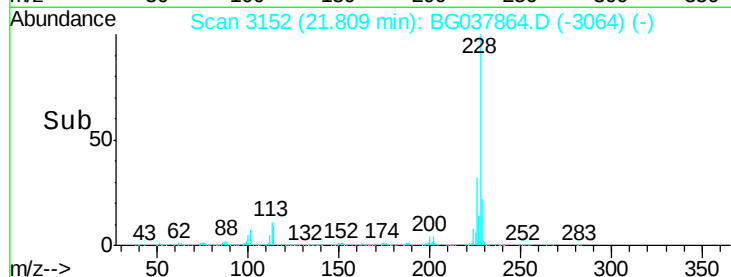
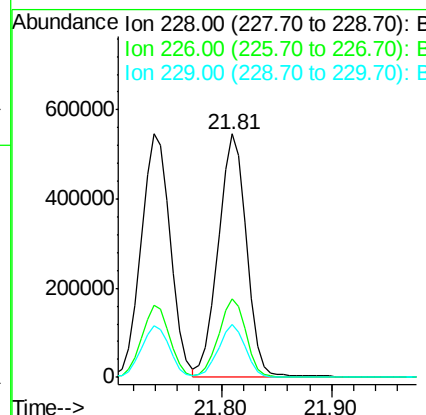
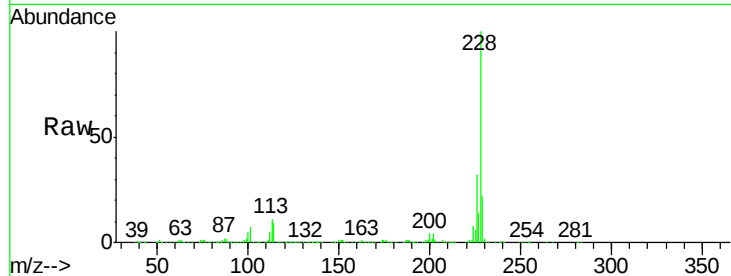




#83
 Chrysene
 Concen: 48.992 ng
 RT: 21.81 min Scan# 3152
 Delta R.T. -0.01 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

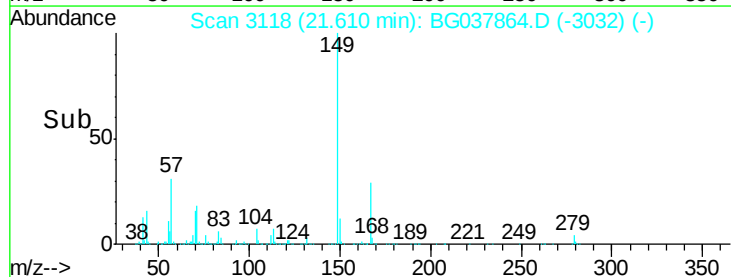
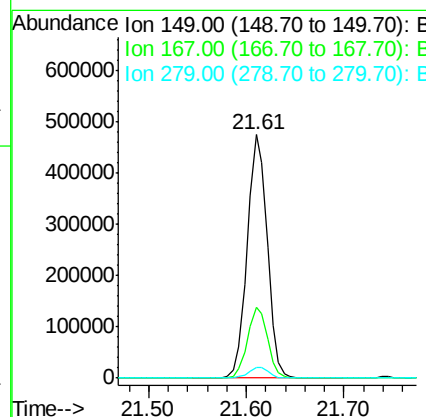
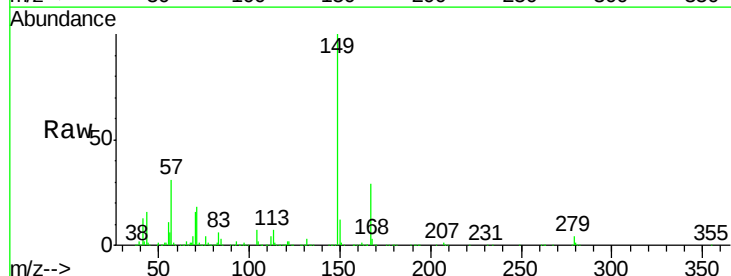
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

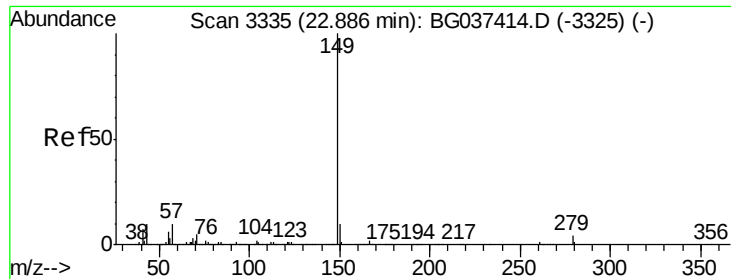
Tgt Ion: 228 Resp: 959130
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.7 38.5
 229 21.8 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.398 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.02 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion: 149 Resp: 676369
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.0 34.4
 279 4.4 3.6 5.4

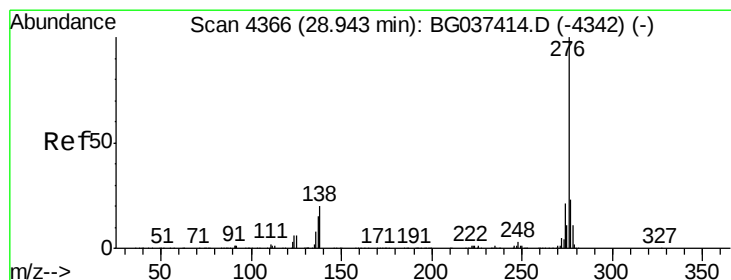
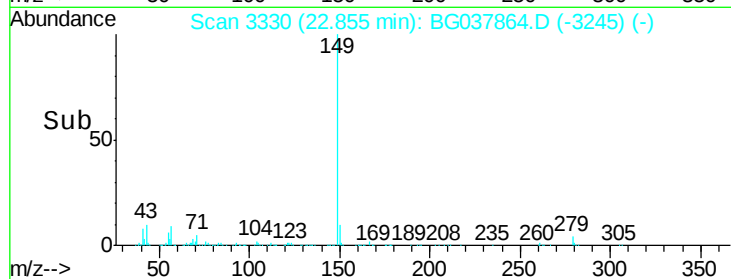
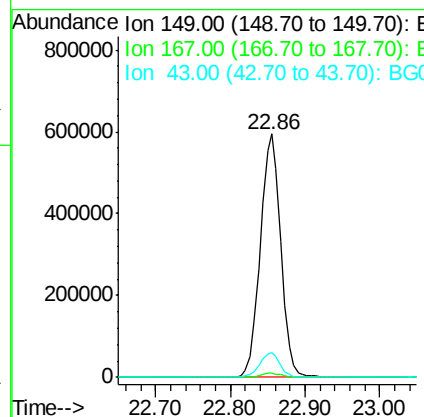
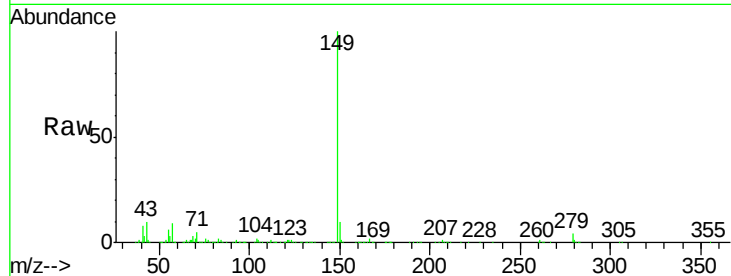




#85
 Di-n-octyl phthalate
 Concen: 53.732 ng
 RT: 22.86 min Scan# 3330
 Delta R.T. -0.03 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

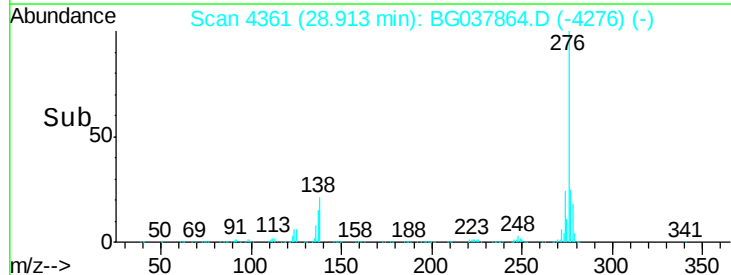
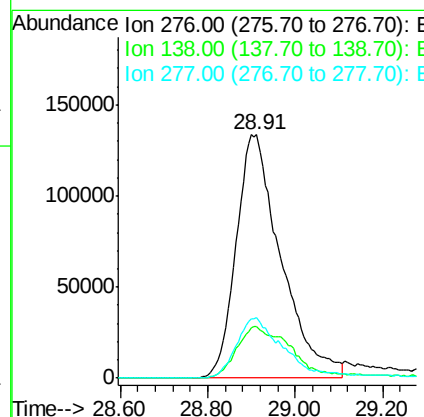
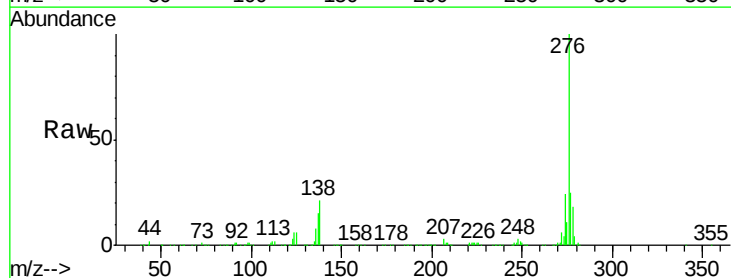
Instrument :
 BNA_G
 ClientSampleId :
 C19013081MS

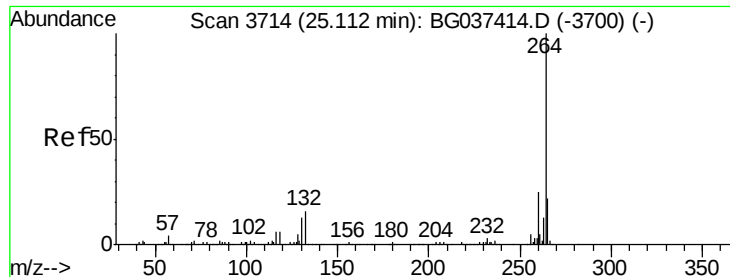
Tgt Ion:149 Resp: 1130999
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 9.9 8.7 13.1



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 44.449 ng
 RT: 28.91 min Scan# 4361
 Delta R.T. -0.03 min
 Lab File: BG037864.D
 Acq: 7 Nov 2018 14:08

Tgt Ion:276 Resp: 933319
 Ion Ratio Lower Upper
 276 100
 138 24.4 12.0 18.0#
 277 25.9 20.6 30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

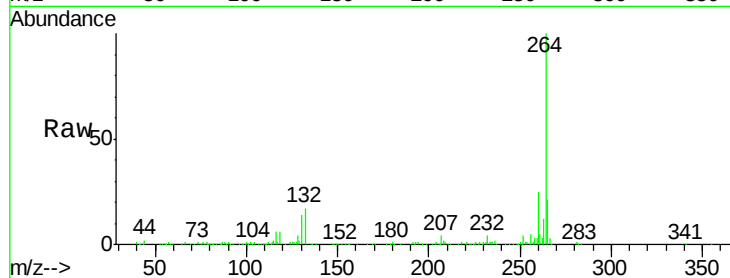
Tgt Ion:264 Resp: 355368

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

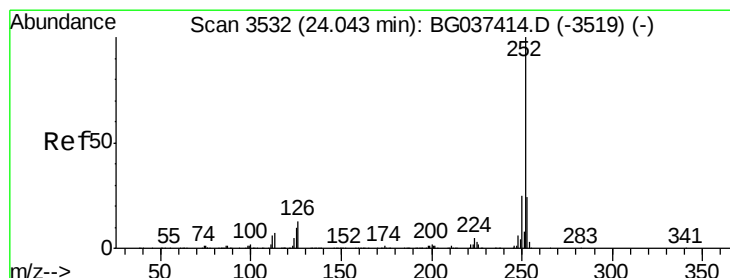
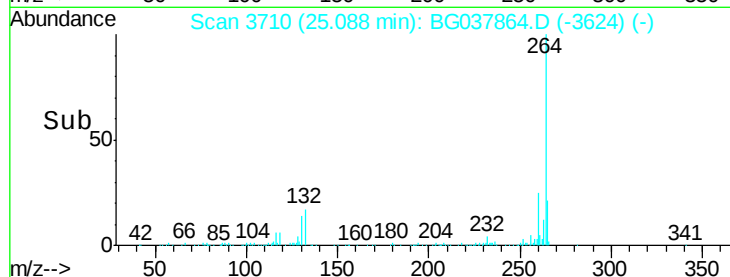
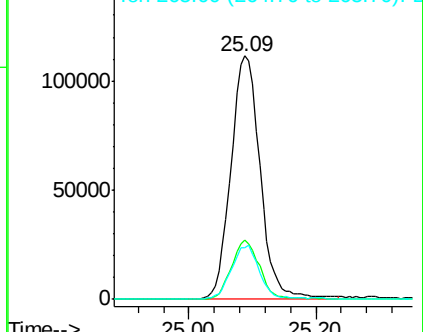
265 21.1 17.9 26.9



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: 50.874 ng

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

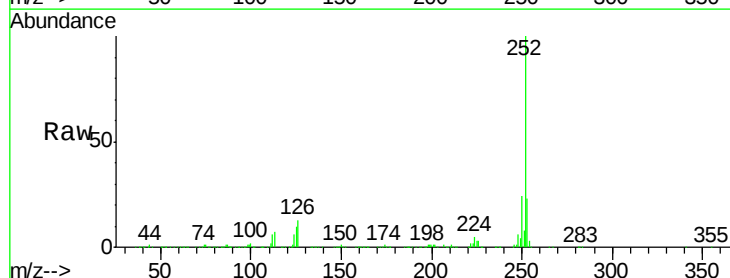
Tgt Ion:252 Resp: 991165

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

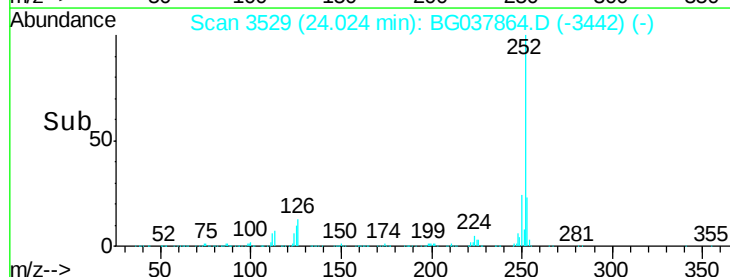
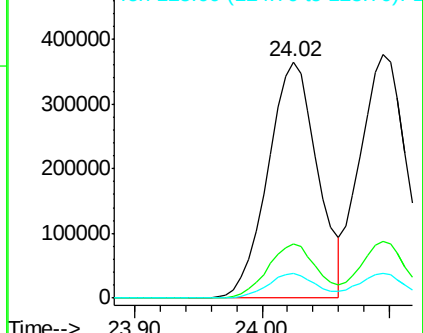
125 10.2 7.8 11.6



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

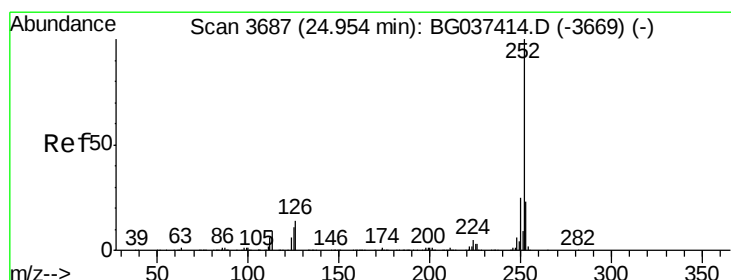
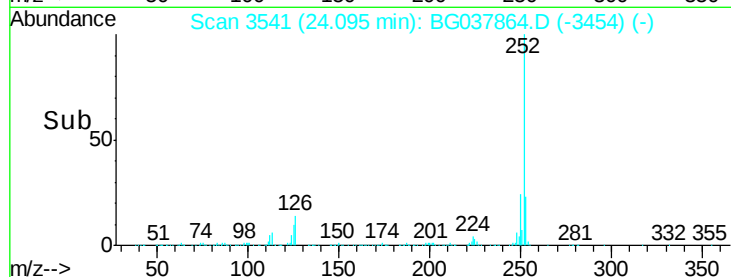
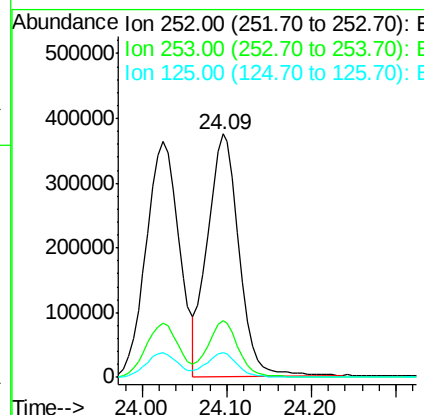
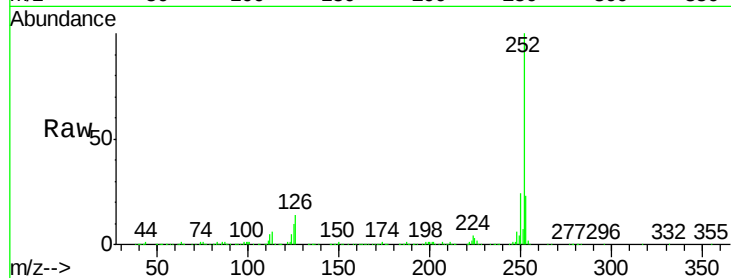




#89
Benzo(k)fluoranthene
Concen: 50.755 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

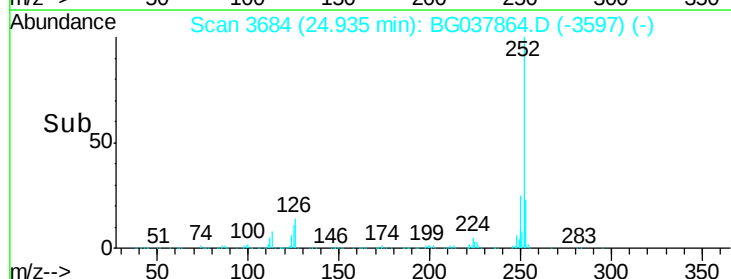
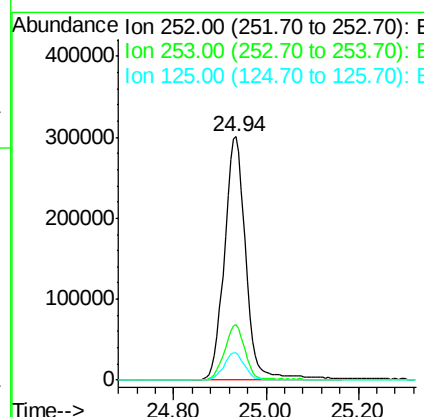
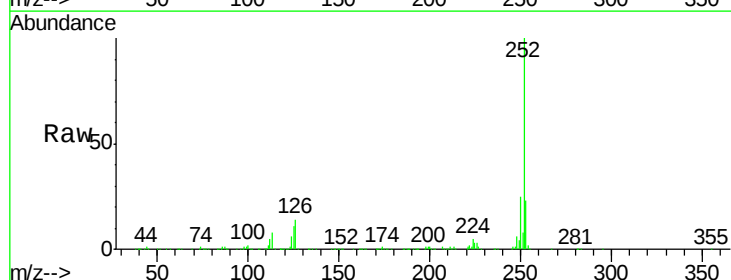
Instrument :
BNA_G
ClientSampleId :
C19013081MS

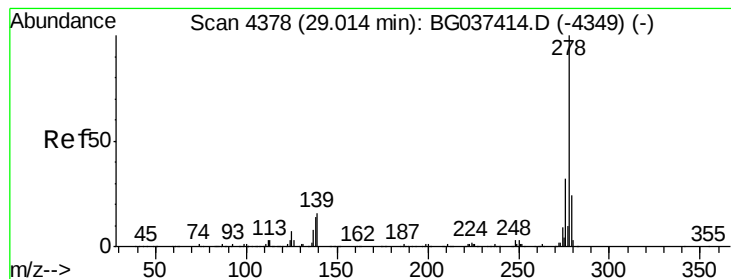
Tgt Ion:252 Resp: 968803
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 52.002 ng
RT: 24.94 min Scan# 3684
Delta R.T. -0.02 min
Lab File: BG037864.D
Acq: 7 Nov 2018 14:08

Tgt Ion:252 Resp: 962712
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 45.845 ng

RT: 28.97 min Scan# 4370

Delta R.T. -0.05 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

Instrument :

BNA_G

ClientSampleId :

C19013081MS

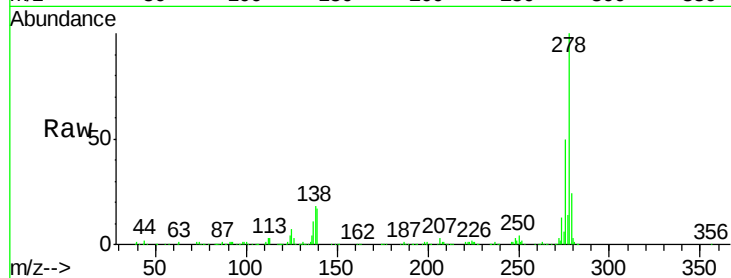
Tgt Ion:278 Resp: 782891

Ion Ratio Lower Upper

278 100

139 16.5 11.5 17.3

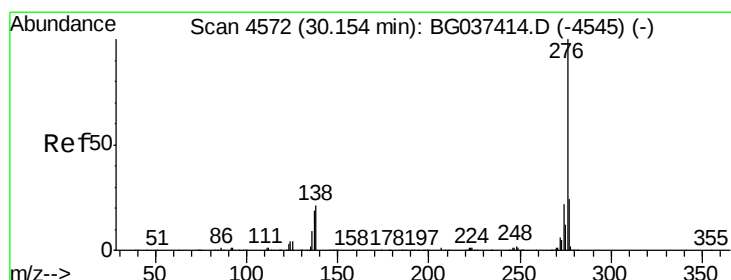
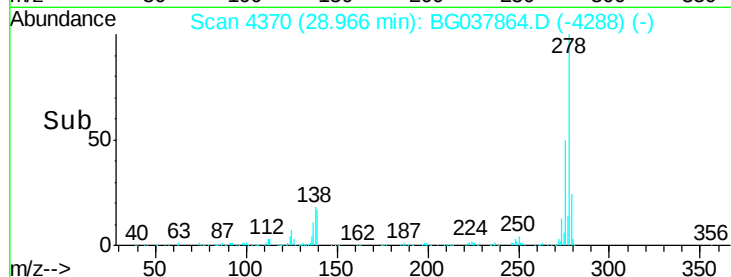
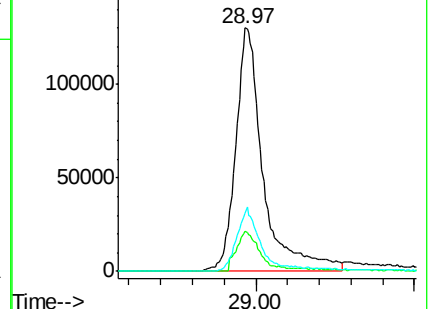
279 23.9 18.6 27.8



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: 46.092 ng

RT: 30.11 min Scan# 4564

Delta R.T. -0.05 min

Lab File: BG037864.D

Acq: 7 Nov 2018 14:08

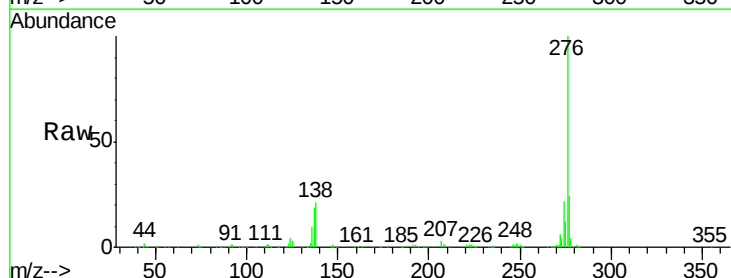
Tgt Ion:276 Resp: 796317

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 21.3 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

