

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037804.D
 Acq On : 5 Nov 2018 15:49
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 05 17:45:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	60573	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	276365	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	172949	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	378451	20.00	ng	0.00
76) Chrysene-d12	21.76	240	337385	20.00	ng	0.00
87) Perylene-d12	25.09	264	349868	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	279581	77.17	ng	0.00
7) Phenol-d6	7.24	99	416949	76.11	ng	0.00
23) Nitrobenzene-d5	9.28	82	390188	79.09	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	151156	80.13	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	919847	80.20	ng	0.00
79) Terphenyl-d14	20.07	244	1272063	80.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	68987	37.546	ng	95
3) Pyridine	3.93	79	173959	37.564	ng	95
4) n-Nitrosodimethylamine	3.85	42	61515	37.293	ng	93
6) Aniline	7.42	93	253945	37.996	ng	96
8) 2-Chlorophenol	7.65	128	163546	38.586	ng	99
9) Benzaldehyde	7.24	77	114421	33.387	ng	92
10) Phenol	7.27	94	215128	37.216	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	169747	38.664	ng	96
12) 1,3-Dichlorobenzene	7.98	146	189321	40.122	ng	99
13) 1,4-Dichlorobenzene	8.13	146	188023	38.955	ng	99
14) 1,2-Dichlorobenzene	8.45	146	179835	38.733	ng	97
15) Benzyl Alcohol	8.34	79	150747	37.239	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.61	45	298166	37.956	ng	96
17) 2-Methylphenol	8.53	107	146508	38.337	ng	96
18) Hexachloroethane	9.18	117	67060	40.753	ng	95
19) n-Nitroso-di-n-propylamine	8.90	70	137838	36.536	ng	97
20) 3+4-Methylphenols	8.86	107	208748	38.205	ng	98
22) Acetophenone	8.93	105	260909	37.643	ng	# 96
24) Nitrobenzene	9.32	77	201649	39.345	ng	94
25) Isophorone	9.83	82	340742	37.801	ng	96
26) 2-Nitrophenol	10.03	139	99963	43.296	ng	98
27) 2,4-Dimethylphenol	10.07	122	155928	37.825	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	226018	38.270	ng	96
29) 2,4-Dichlorophenol	10.56	162	181508	39.546	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	202325	40.535	ng	98
31) Naphthalene	10.97	128	531108	39.126	ng	100
32) Benzoic acid	10.19	122	97101	36.266	ng	99
33) 4-Chloroaniline	11.08	127	242218	37.977	ng	97
34) Hexachlorobutadiene	11.23	225	121685	41.134	ng	96
35) Caprolactam	11.87	113	67094	36.448	ng	98
36) 4-Chloro-3-methylphenol	12.18	107	195846	37.835	ng	99
37) 2-Methylnaphthalene	12.57	142	385422	38.951	ng	99
38) 1-Methylnaphthalene	12.78	142	372264	38.739	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	237725	42.614	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	114192	42.853	ng	99
43) 2,4,6-Trichlorophenol	13.16	196	151195	40.568	ng	93
44) 2,4,5-Trichlorophenol	13.24	196	161340	39.761	ng	96
46) 1,1'-Biphenyl	13.56	154	579294	40.445	ng	98
47) 2-Chloronaphthalene	13.61	162	437911	40.412	ng	99
48) 2-Nitroaniline	13.82	65	131957	40.157	ng	98
49) Acenaphthylene	14.46	152	649567	39.850	ng	99
50) Dimethylphthalate	14.18	163	521579	38.983	ng	99
51) 2,6-Dinitrotoluene	14.31	165	121288	40.978	ng	93
52) Acenaphthene	14.80	154	392567	39.105	ng	98
53) 3-Nitroaniline	14.65	138	128273	39.038	ng	# 95
54) 2,4-Dinitrophenol	14.85	184	29301	36.230	ng	97
55) Dibenzofuran	15.13	168	653636	39.298	ng	99
56) 4-Nitrophenol	14.93	139	83443	34.308	ng	92
57) 2,4-Dinitrotoluene	15.09	165	161410	41.544	ng	95
58) Fluorene	15.77	166	478490	38.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	135531	39.010	ng	99
60) Diethylphthalate	15.53	149	527087	38.372	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	286117	39.411	ng	98
62) 4-Nitroaniline	15.80	138	127027	38.905	ng	90
63) Azobenzene	16.06	77	490102	37.395	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	75290	39.699	ng	97
66) n-Nitrosodiphenylamine	15.98	169	469103	41.208	ng	100
67) 4-Bromophenyl-phenylether	16.66	248	174250	41.927	ng	96
68) Hexachlorobenzene	16.77	284	177127	41.122	ng	99
69) Atrazine	16.92	200	160015	38.878	ng	99
70) Pentachlorophenol	17.12	266	107422	37.232	ng	95
71) Phenanthrene	17.52	178	767357	39.896	ng	99
72) Anthracene	17.61	178	752423	39.862	ng	98
73) Carbazole	17.88	167	755628	40.020	ng	100
74) Di-n-butylphthalate	18.42	149	858947	40.895	ng	99
75) Fluoranthene	19.52	202	871293	39.940	ng	100
77) Benzidine	19.71	184	326794	28.486	ng	99
78) Pyrene	19.89	202	886096	40.176	ng	99
80) Butylbenzylphthalate	20.76	149	379823	42.079	ng	96
81) Benzo(a)anthracene	21.74	228	807813	40.480	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	307976	39.815	ng	97
83) Chrysene	21.81	228	778598	40.575	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	541135	42.769	ng	99
85) Di-n-octyl phthalate	22.85	149	883505	42.822	ng	97
86) Indeno(1,2,3-cd)pyrene	28.89	276	685010	33.283	ng	# 91
88) Benzo(b)fluoranthene	24.02	252	760850	39.667	ng	98
89) Benzo(k)fluoranthene	24.09	252	773380	41.154	ng	98
90) Benzo(a)pyrene	24.93	252	728259	39.956	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	530214	31.537	ng	99
92) Benzo(g,h,i)perylene	30.10	276	568871	33.445	ng	99

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

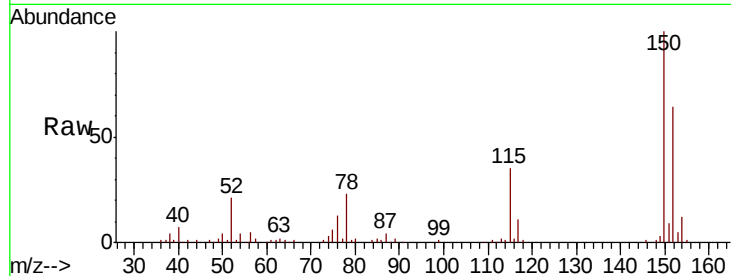


#1

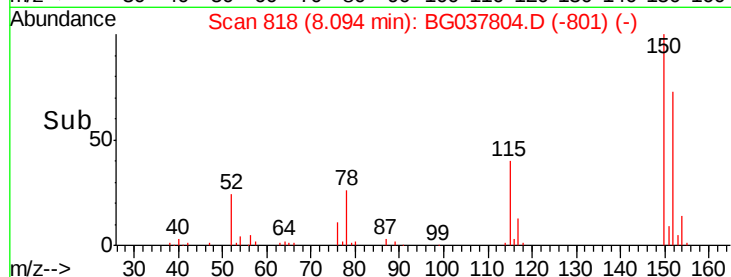
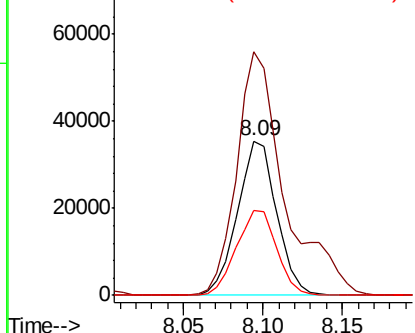
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60573
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 54.8 45.5 68.3



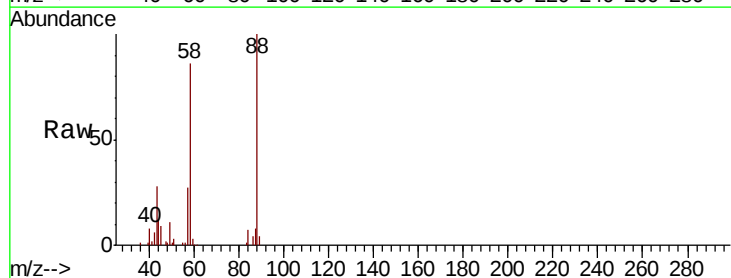
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



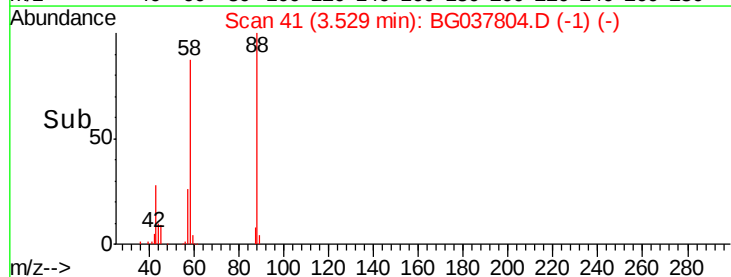
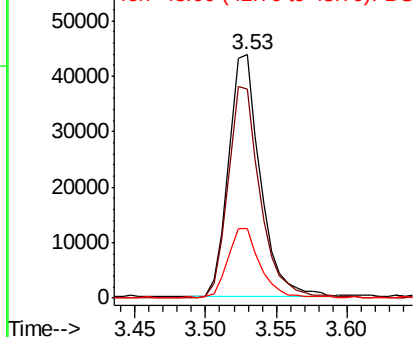
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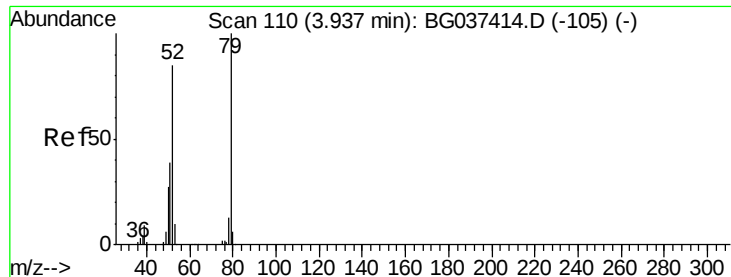
1,4-Dioxane
Concen: 37.546 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion: 88 Resp: 68987
Ion Ratio Lower Upper
88 100
58 88.5 74.4 111.6
43 29.4 25.8 38.8



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





#3

Pvridine

Concen: 37.564 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

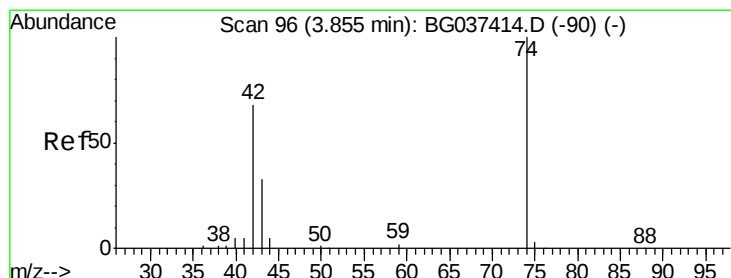
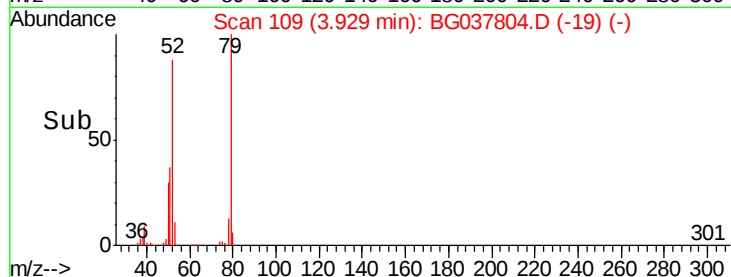
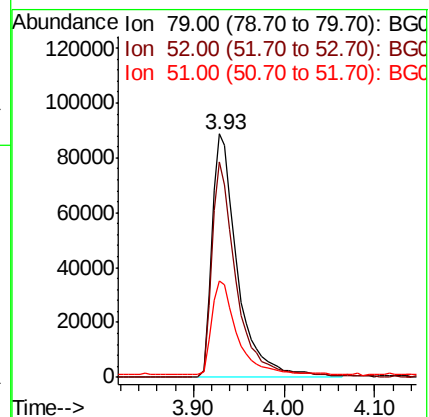
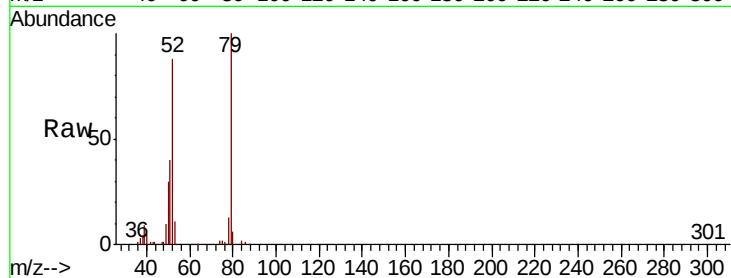
Tot Ion: 79 Resp: 173959

Ion Ratio Lower Upper

79 100

52 88.2 74.2 111.2

51 39.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 37.293 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

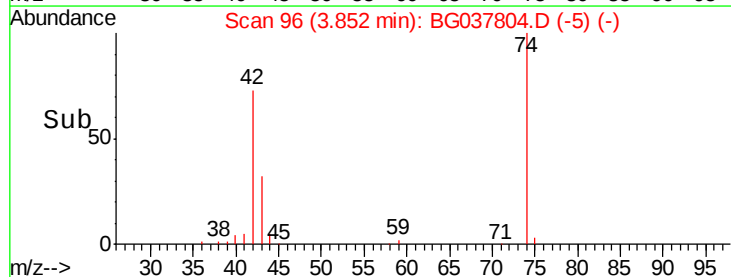
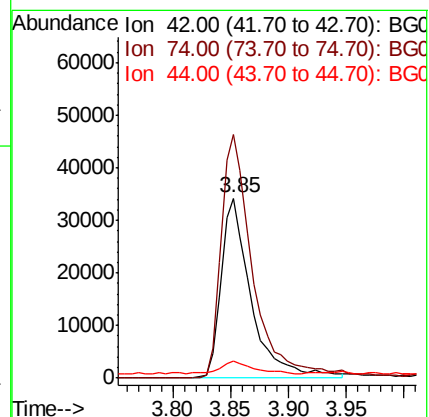
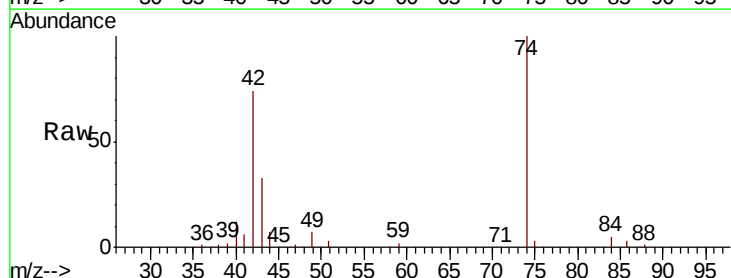
Tgt Ion: 42 Resp: 61515

Ion Ratio Lower Upper

42 100

74 135.6 102.0 153.0

44 9.8 9.6 14.4





#5

2-Fluorophenol

Concen: 77.166 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampled :

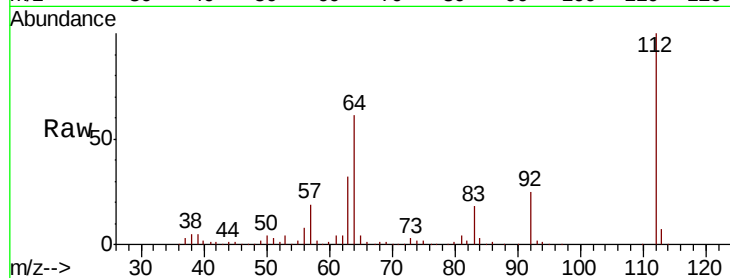
Tot Ion:112 Resp: 279581

Ion Ratio Lower Upper

112 100

64 61.5 53.1 79.7

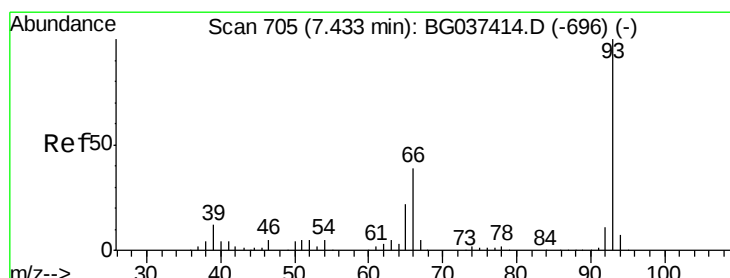
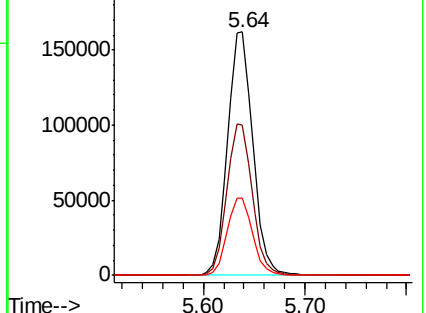
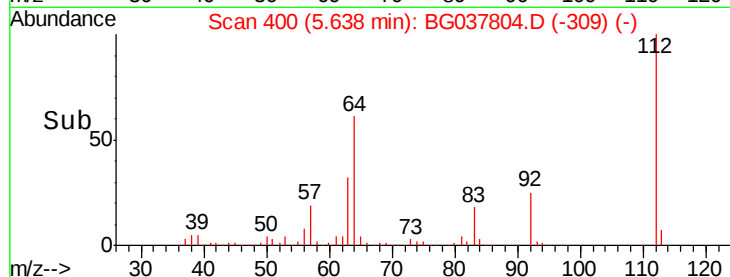
63 31.5 27.3 40.9



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: 37.996 ng

RT: 7.42 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

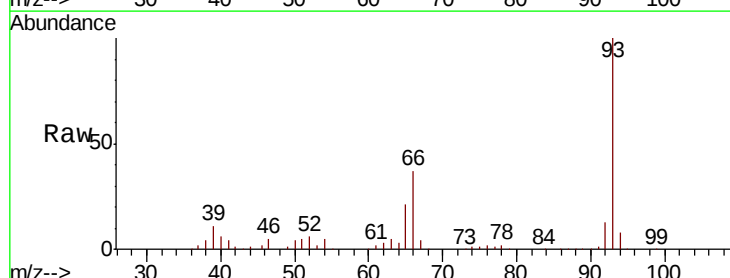
Tgt Ion: 93 Resp: 253945

Ion Ratio Lower Upper

93 100

66 37.4 32.8 49.2

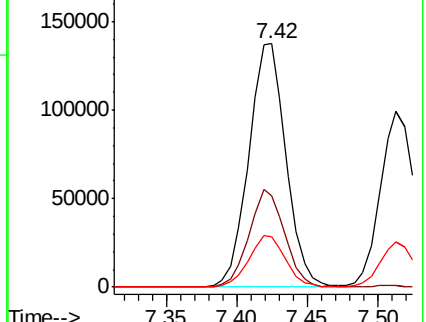
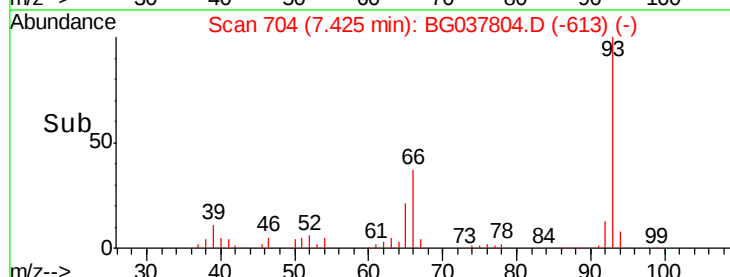
65 20.7 16.4 24.6



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: 76.105 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampled :

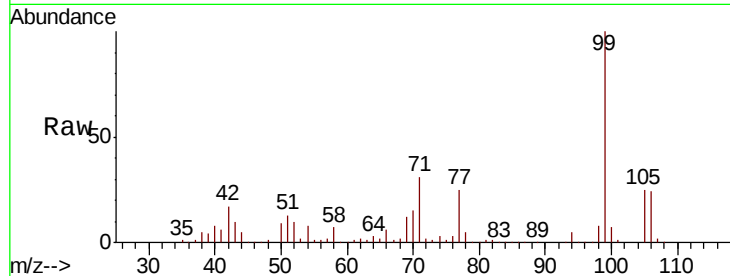
Tot Ion: 99 Resp: 416949

Ion Ratio Lower Upper

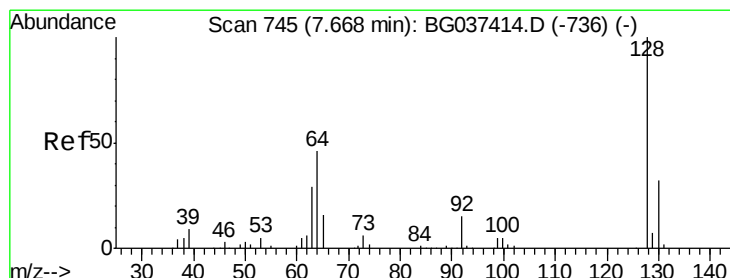
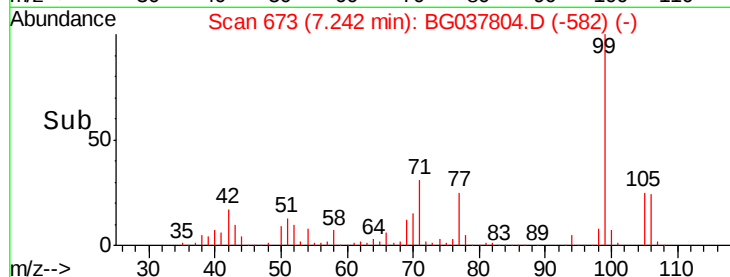
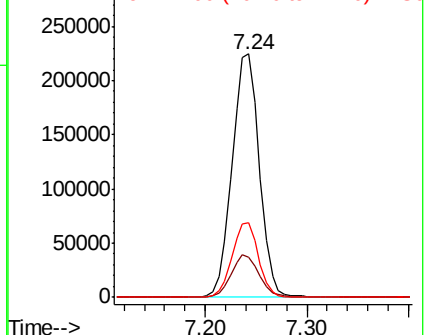
99 100

42 16.7 15.0 22.4

71 30.6 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: 38.586 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

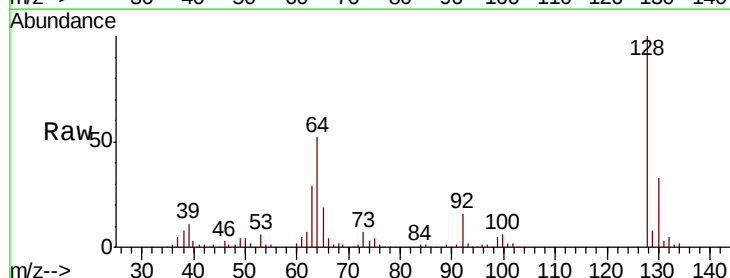
Tgt Ion: 128 Resp: 163546

Ion Ratio Lower Upper

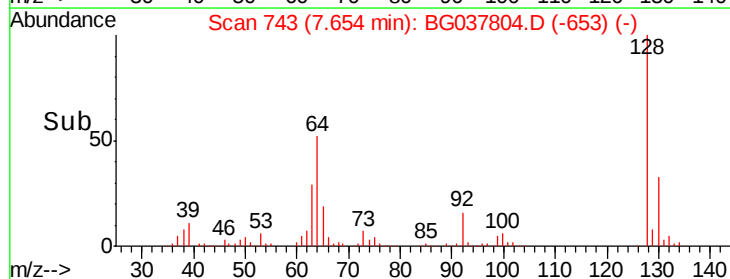
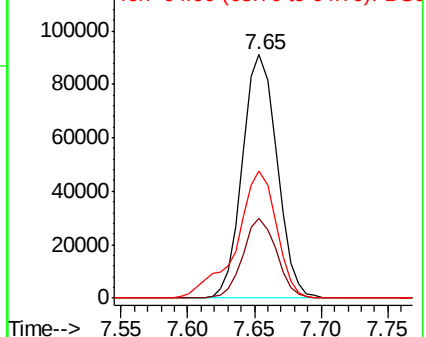
128 100

130 33.0 12.0 52.0

64 52.1 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: 33.387 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

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ClientSampleId :

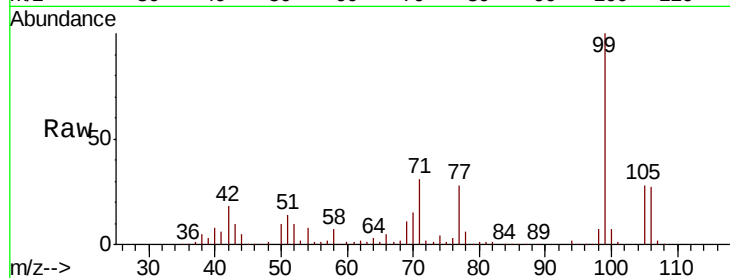
Tot Ion: 77 Resp: 114421

Ion Ratio Lower Upper

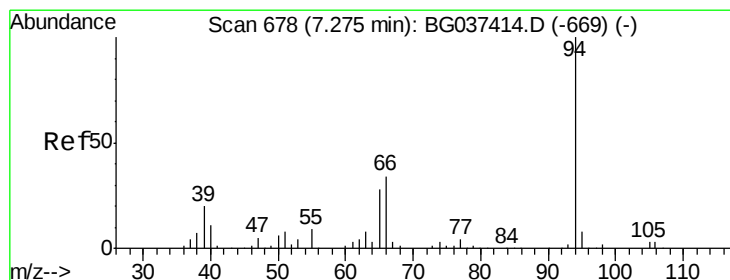
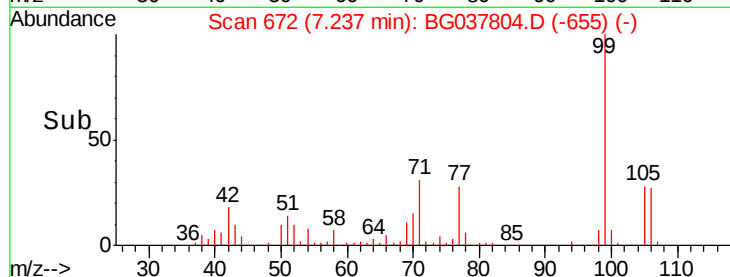
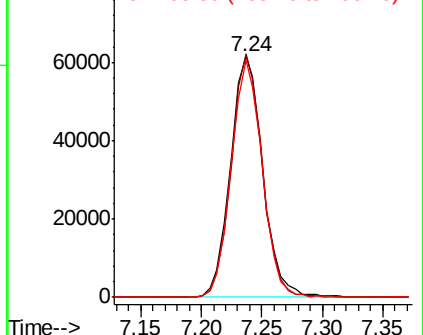
77 100

105 101.1 72.6 112.6

106 98.3 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: 37.216 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

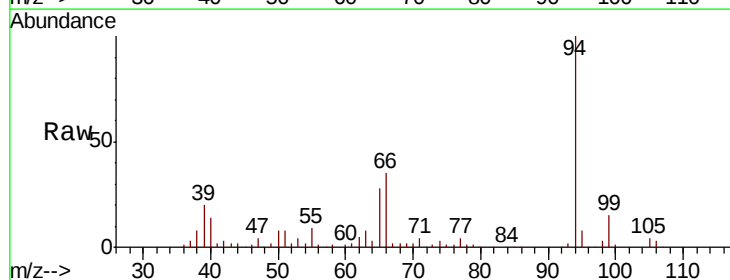
Tgt Ion: 94 Resp: 215128

Ion Ratio Lower Upper

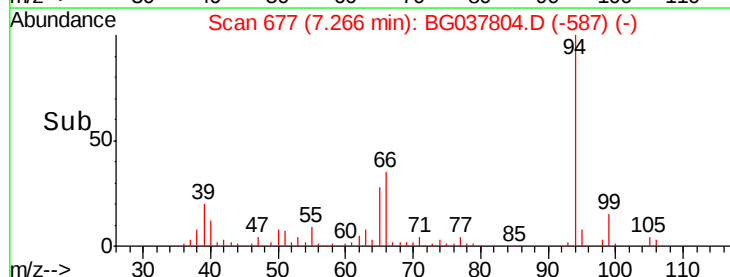
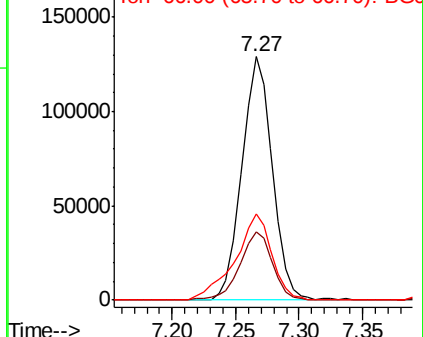
94 100

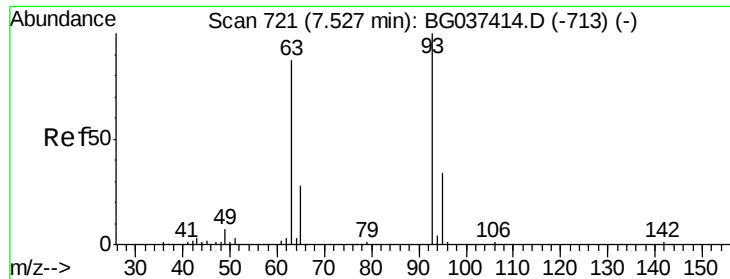
65 27.8 9.7 49.7

66 35.3 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

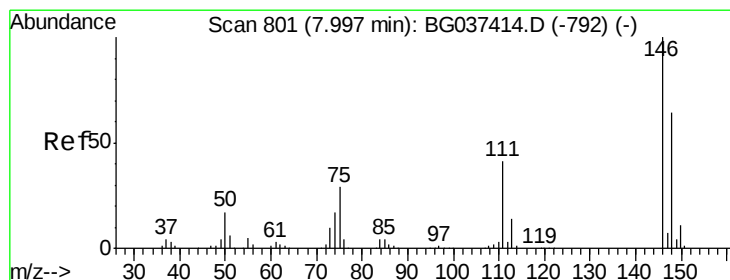
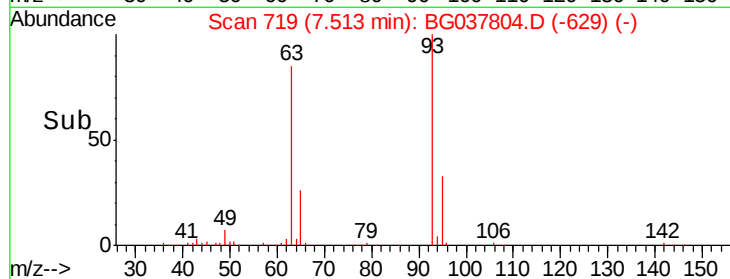
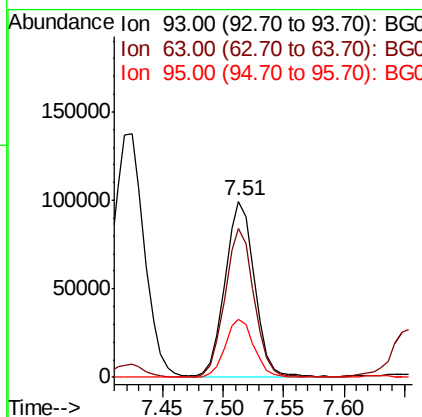
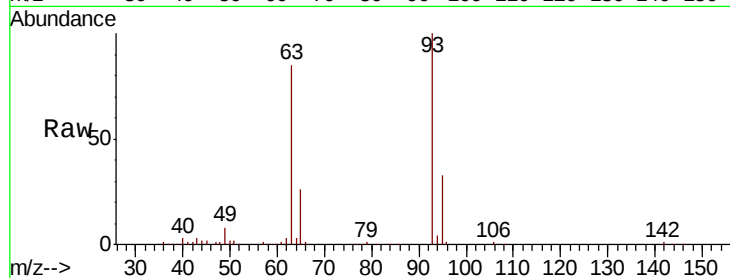




#11
bis(2-Chloroethyl)ether
Concen: 38.664 ng
RT: 7.51 min Scan# 719
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

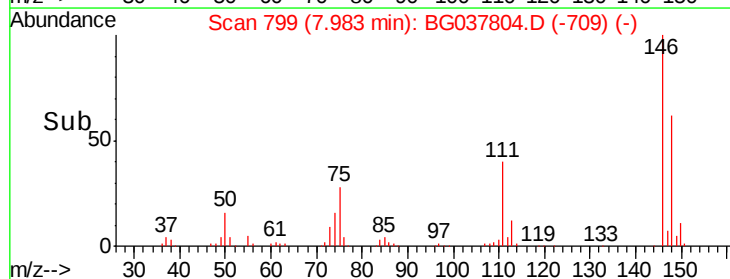
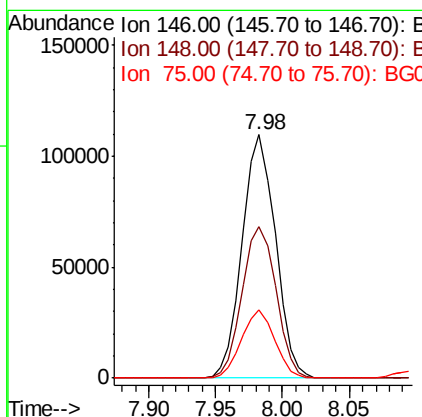
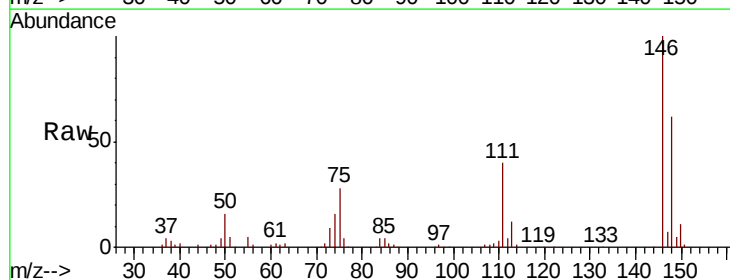
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 169747
Ion Ratio Lower Upper
93 100
63 84.6 69.5 109.5
95 33.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 40.122 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion: 146 Resp: 189321
Ion Ratio Lower Upper
146 100
148 62.4 49.8 74.8
75 27.8 23.2 34.8

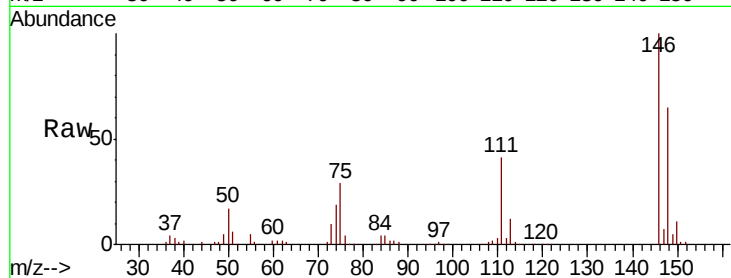




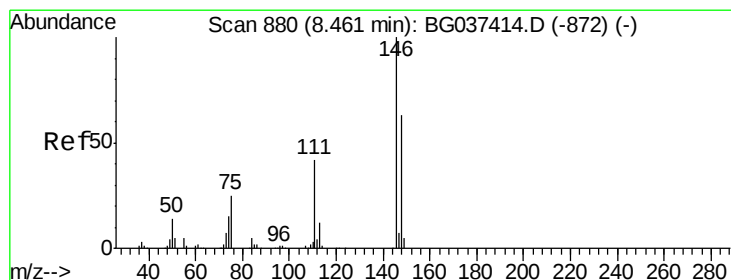
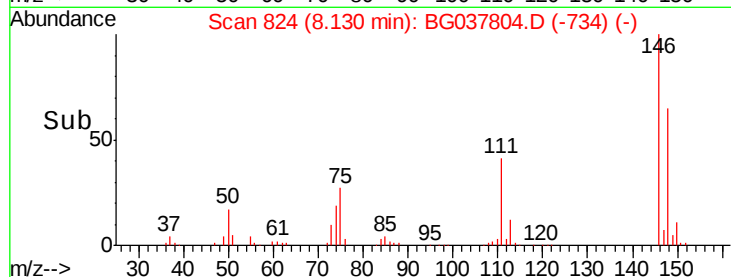
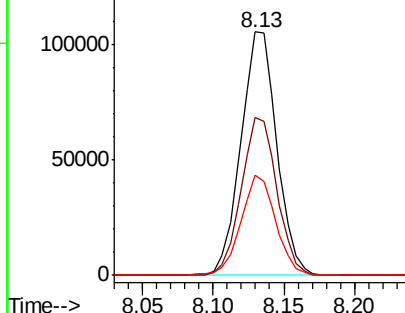
#13
 1,4-Dichlorobenzene
 Concen: 38.955 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	40.9	32.4	48.6

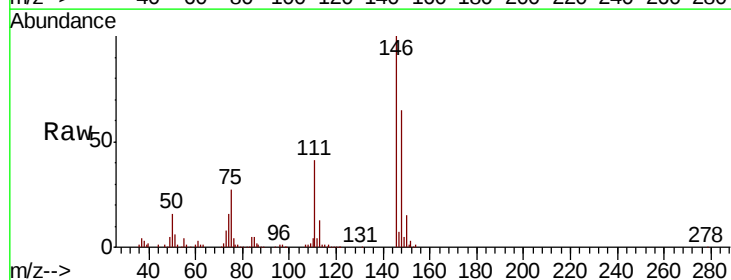


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

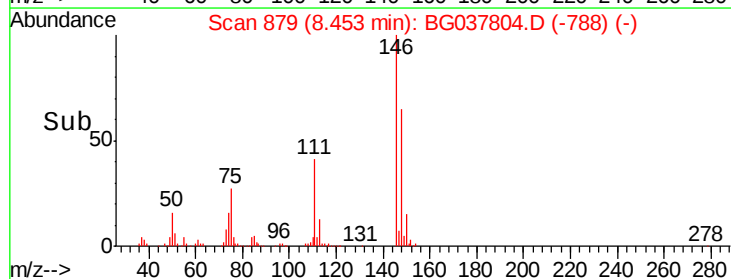
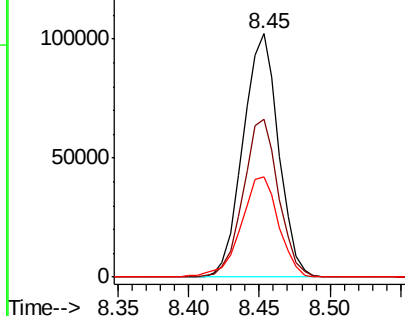


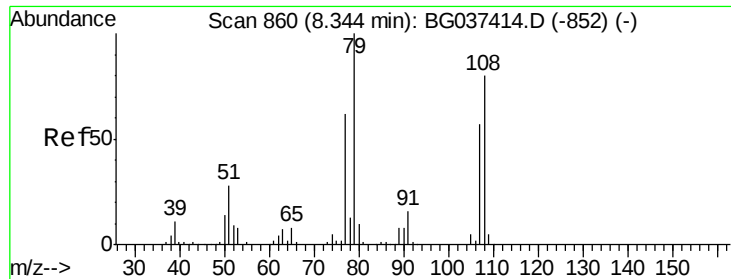
#14
 1,2-Dichlorobenzene
 Concen: 38.733 ng
 RT: 8.45 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	41.2	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 37.239 ng

RT: 8.34 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampled :

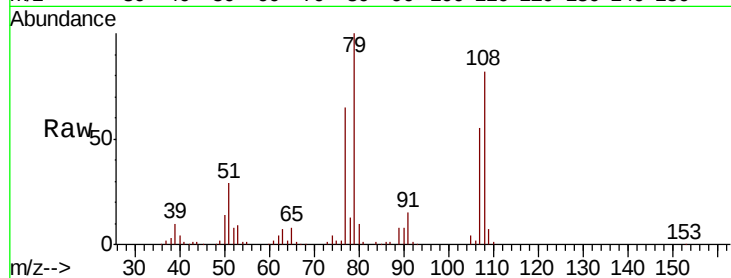
Tot Ion: 79 Resp: 150747

Ion Ratio Lower Upper

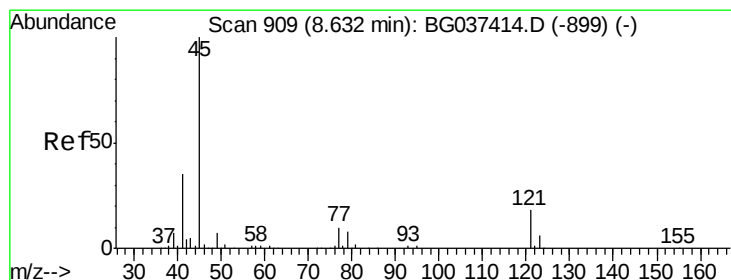
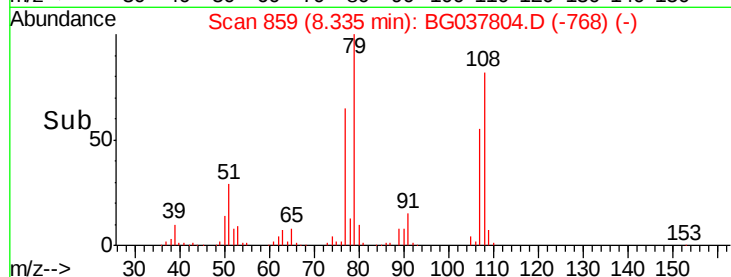
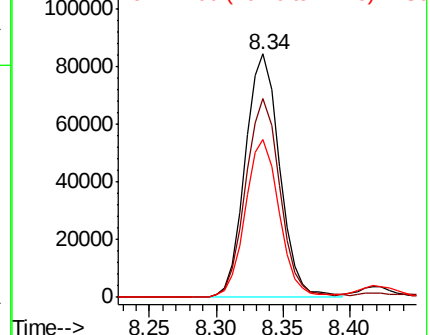
79 100

108 81.6 65.8 98.8

77 64.8 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: 37.956 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

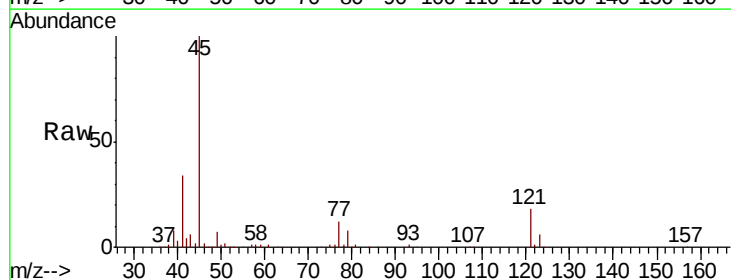
Tgt Ion: 45 Resp: 298166

Ion Ratio Lower Upper

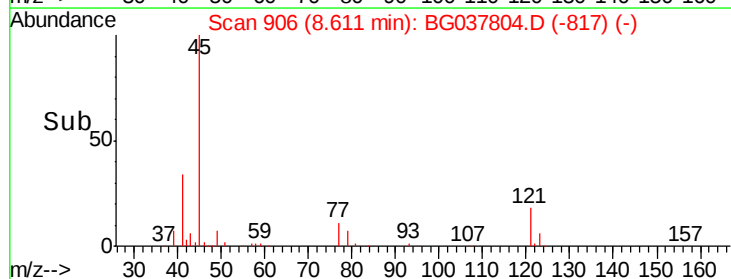
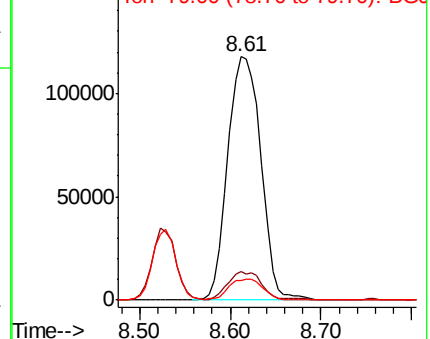
45 100

77 11.5 0.0 30.0

79 7.9 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

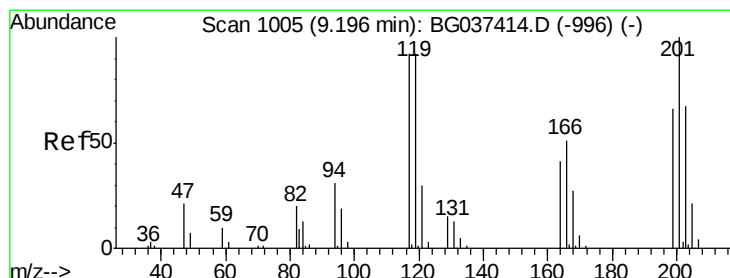
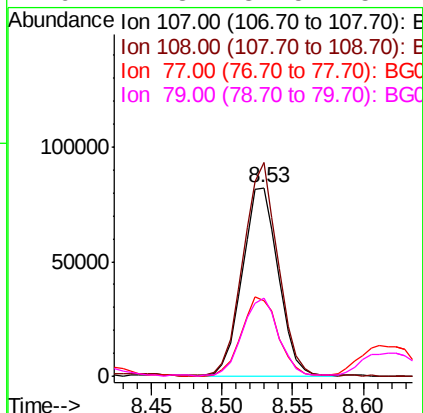
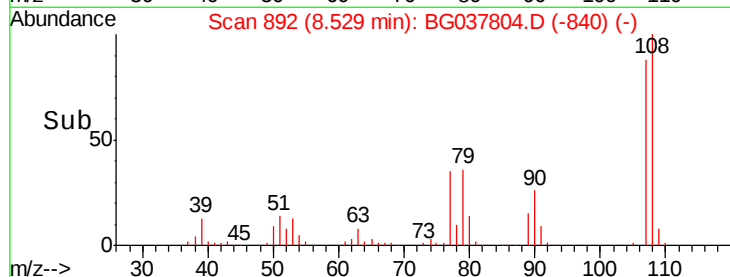
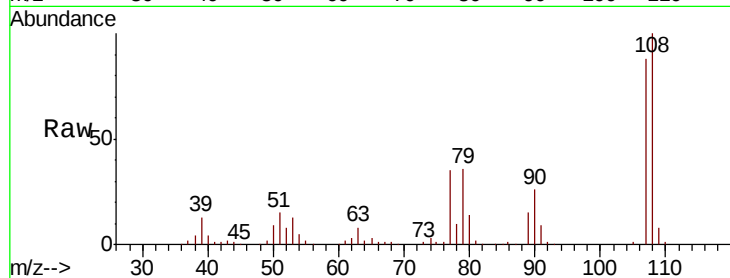




#17
2-Methylphenol
Concen: 38.337 ng
RT: 8.53 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

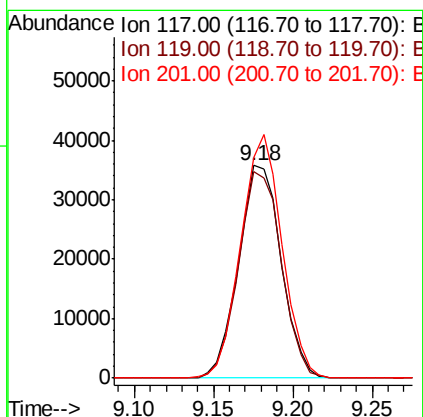
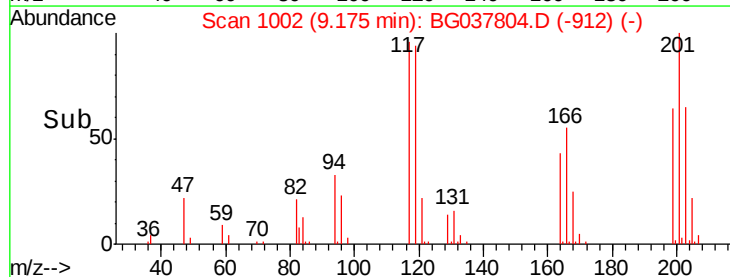
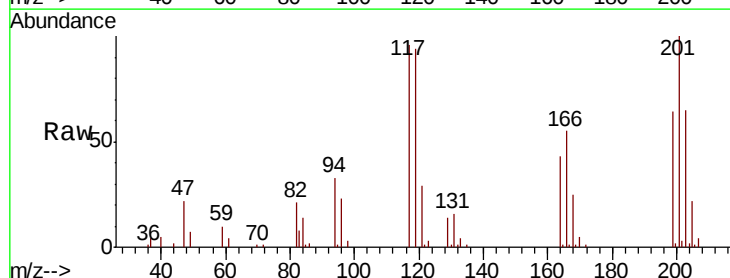
Instrument :
BNA_G
ClientSampleId :

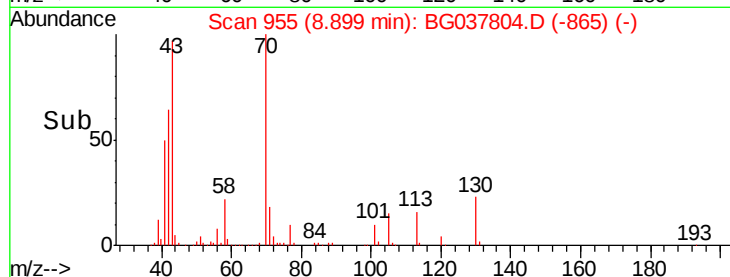
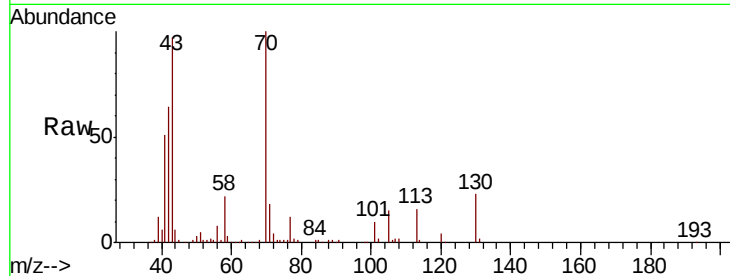
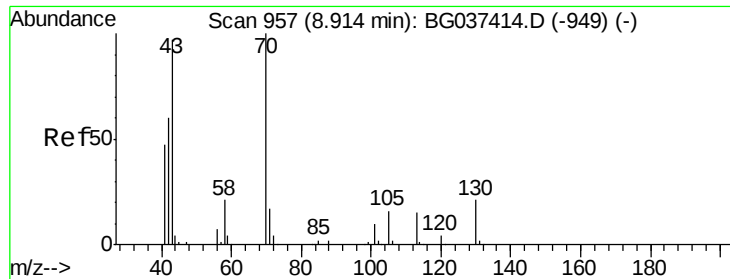
Tot Ion:	107	Resp:	146508
Ion	Ratio	Lower	Upper
107	100		
108	113.2	87.9	131.9
77	40.1	35.1	52.7
79	41.3	34.5	51.7



#18
Hexachloroethane
Concen: 40.753 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:	117	Resp:	67060
Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.6	111.8
201	106.8	80.8	121.2

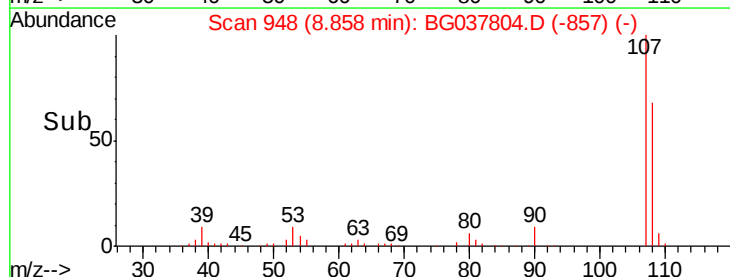
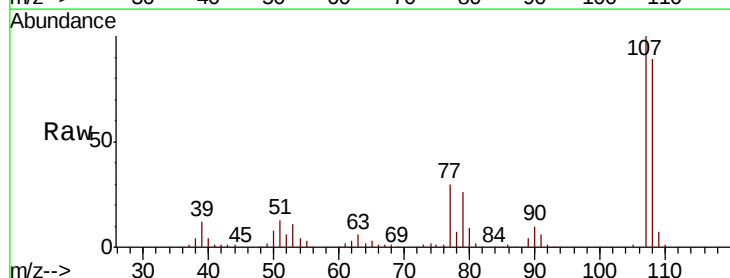
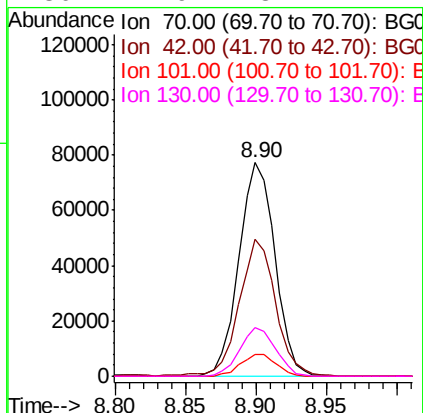




#19
n-Nitroso-di-n-propylamine
Concen: 36.536 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

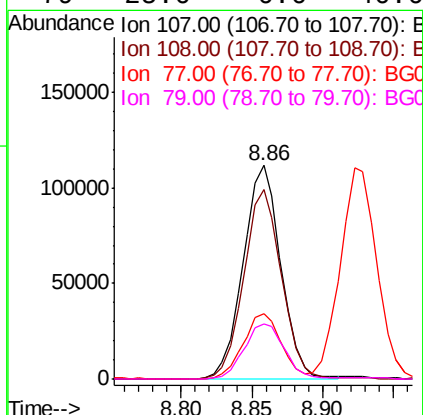
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	137838
Ion	Ratio	Lower	Upper
70	100		
42	63.9	53.9	80.9
101	9.9	8.2	12.2
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.205 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:	107	Resp:	208748
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.9	109.9
77	30.5	11.2	51.2
79	25.6	6.6	46.6

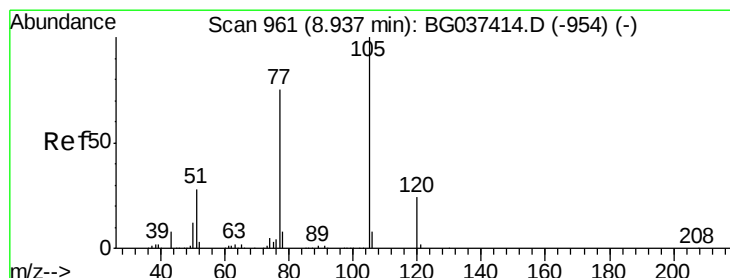
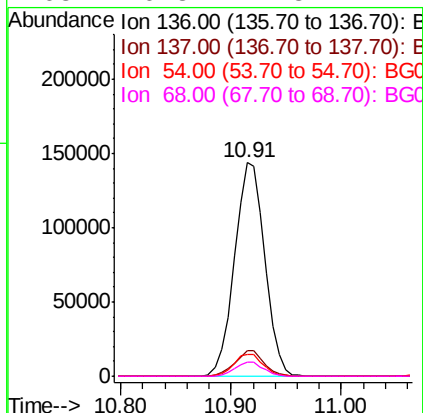
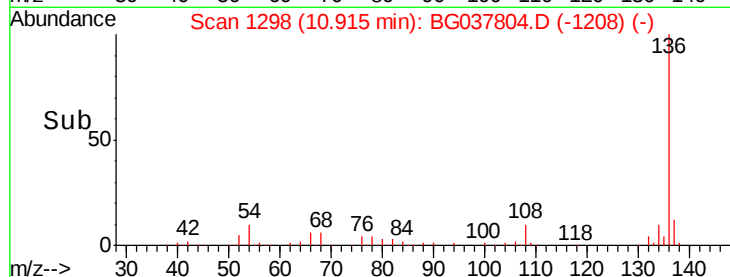
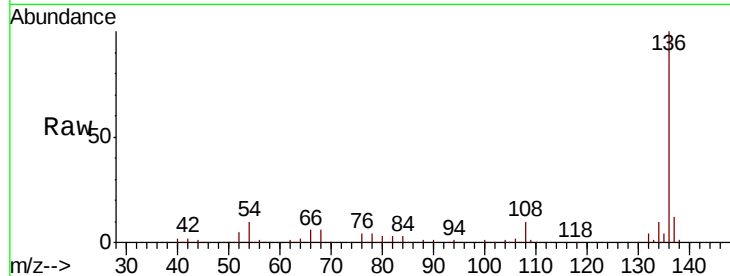




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

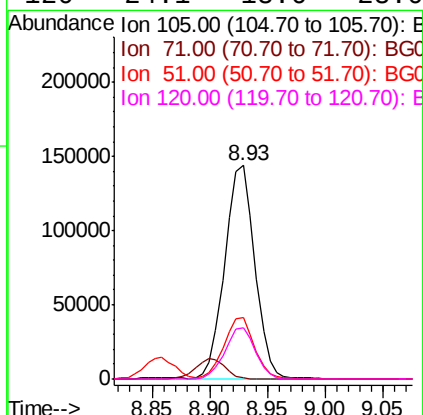
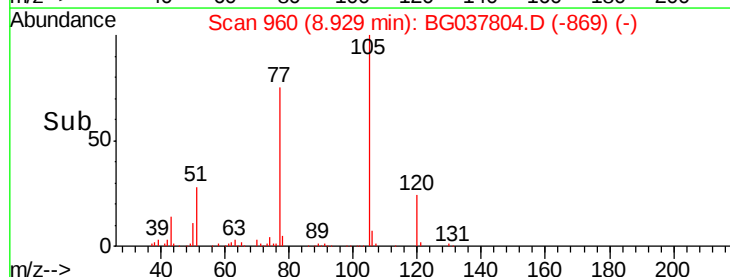
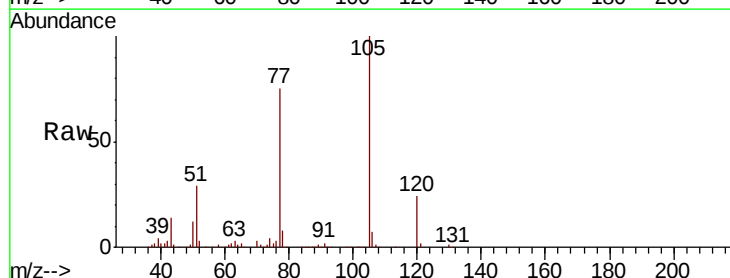
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	276365	
Ion Ratio	Lower	Upper	
136 100			
137 11.9	9.6	14.4	
54 10.2	7.9	11.9	
68 6.3	4.8	7.2	



#22
Acetophenone
Concen: 37.643 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt	Ion:105	Resp:	260909
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	28.5	25.0	37.6
120	24.1	18.6	28.0

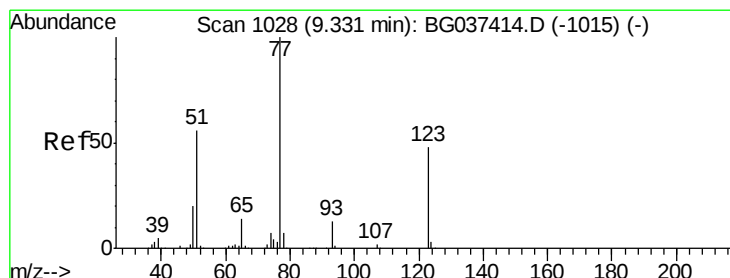
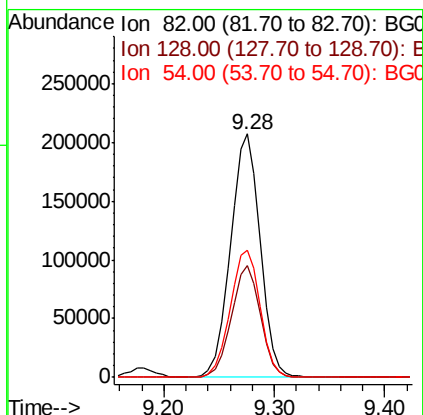
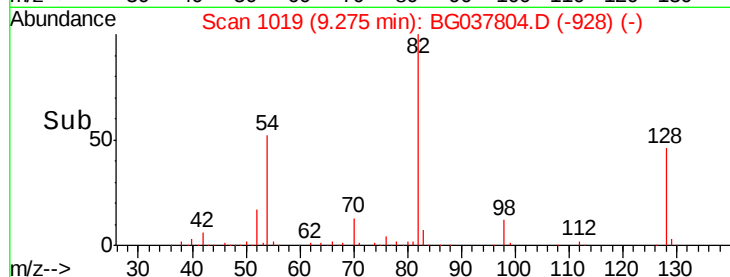
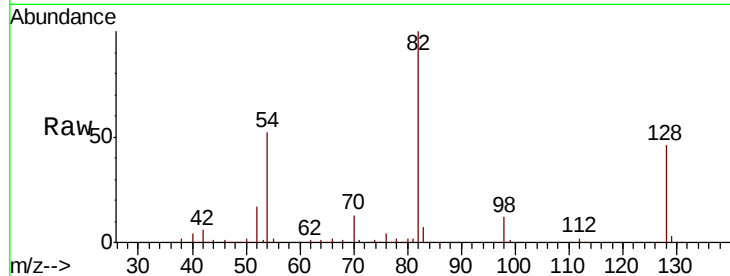




#23
 Nitrobenzene-d5
 Concen: 79.091 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

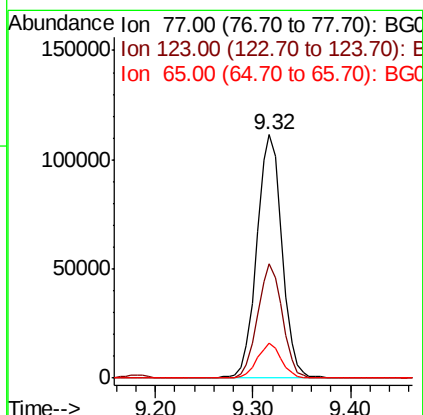
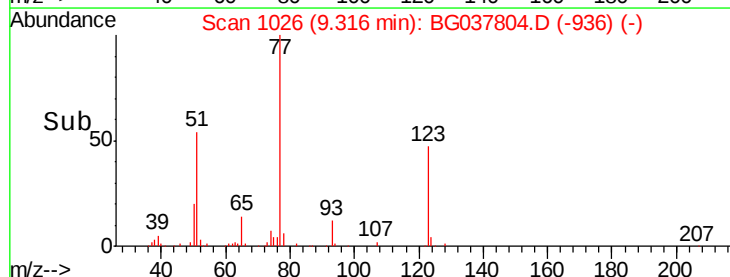
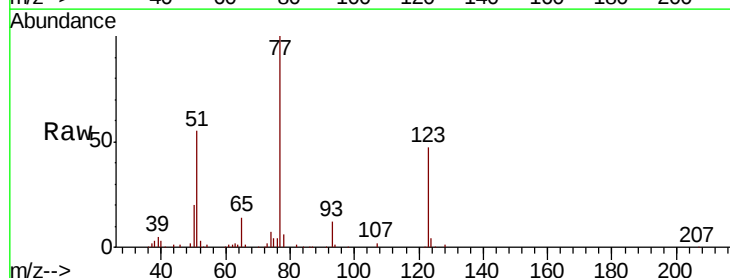
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82.00	Resp	390188
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.6	51.8
54	52.1	45.3	67.9



#24
 Nitrobenzene
 Concen: 39.345 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	77.00	Resp	201649
Ion Ratio	Lower	Upper	
77	100		
123	47.0	33.6	50.4
65	14.4	11.3	16.9

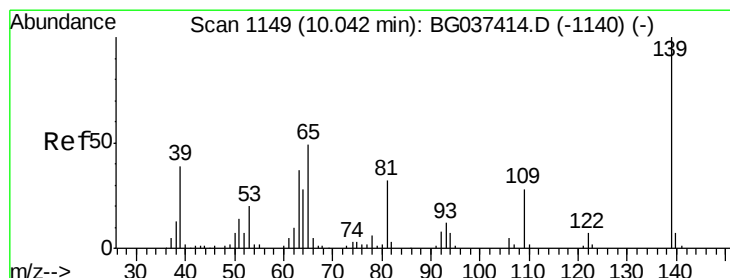
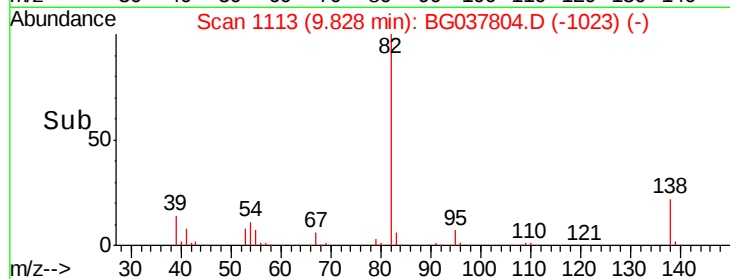
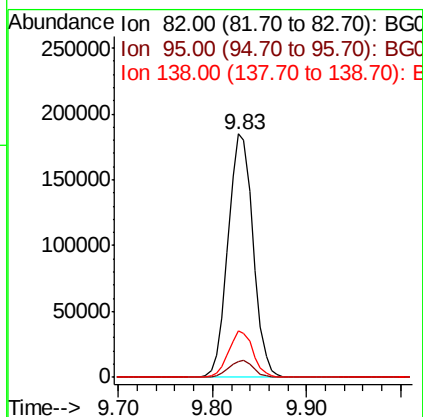
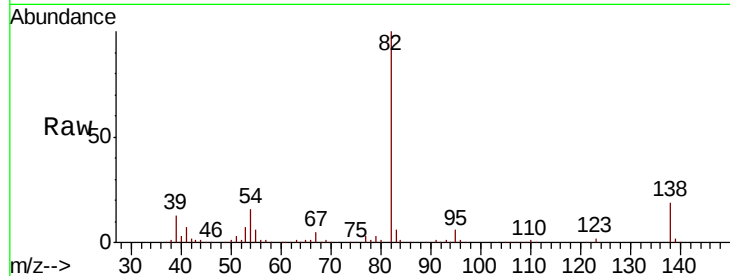




#25
Isophorone
Concen: 37.801 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

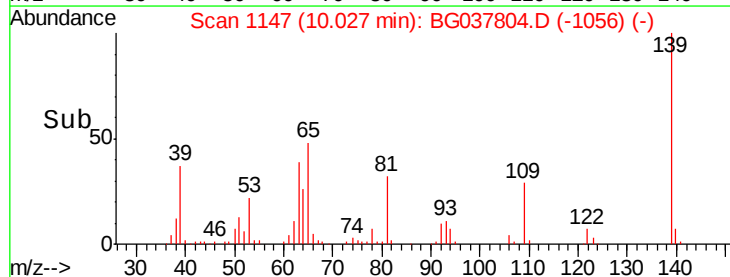
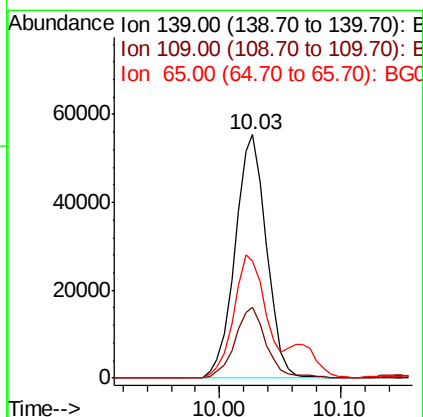
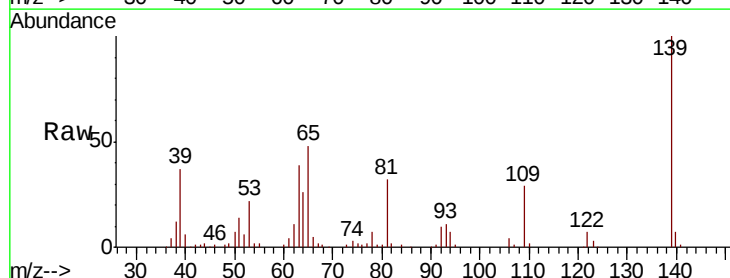
Instrument :
BNA_G
ClientSampleId :

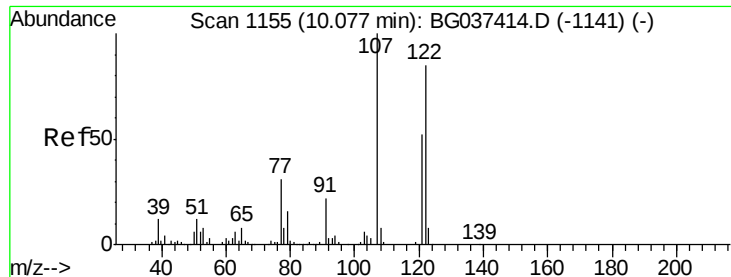
Tot Ion: 82 Resp: 340742
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 19.0 13.3 19.9



#26
2-Nitrophenol
Concen: 43.296 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion: 139 Resp: 99963
Ion Ratio Lower Upper
139 100
109 29.0 23.3 34.9
65 48.0 39.8 59.8

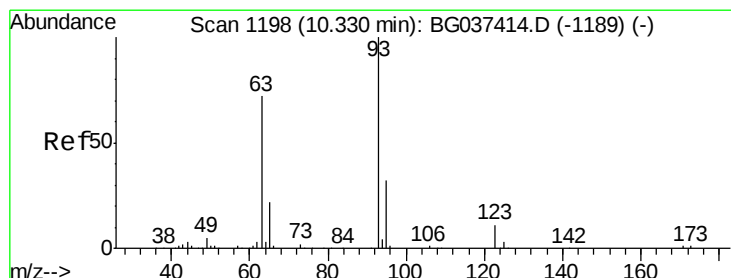
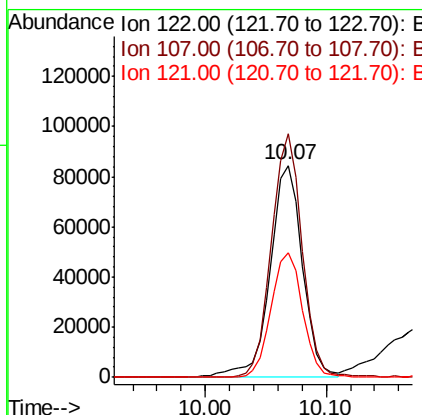
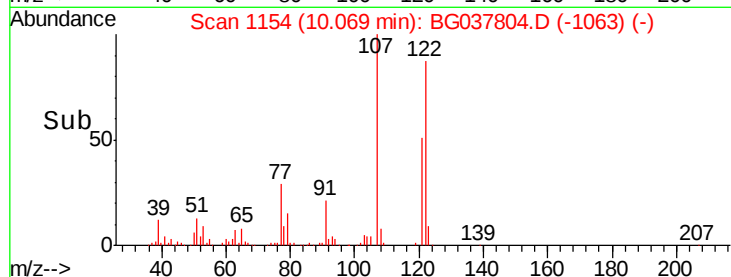
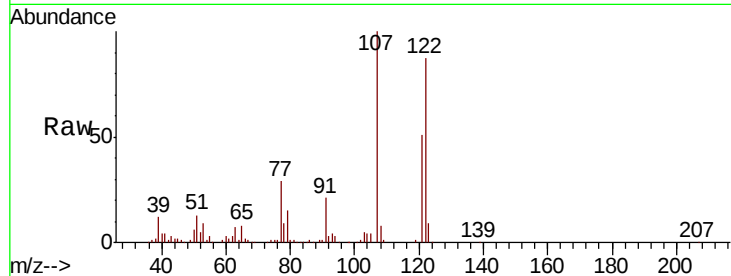




#27
 2,4-Dimethylphenol
 Concen: 37.825 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

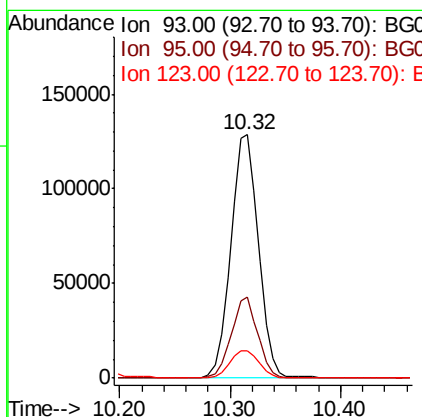
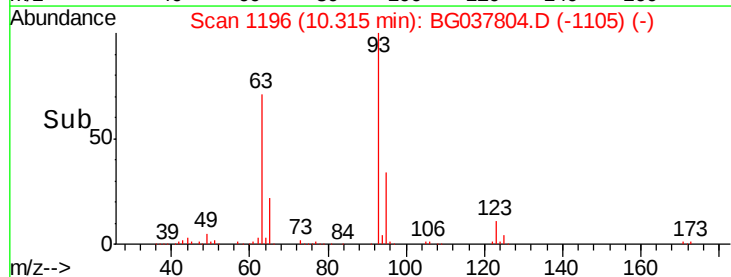
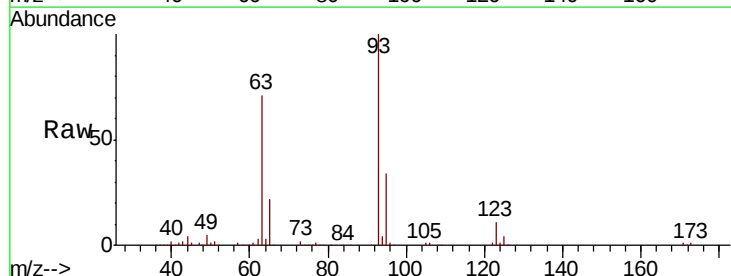
Instrument :
 BNA_G
 ClientSampleId :

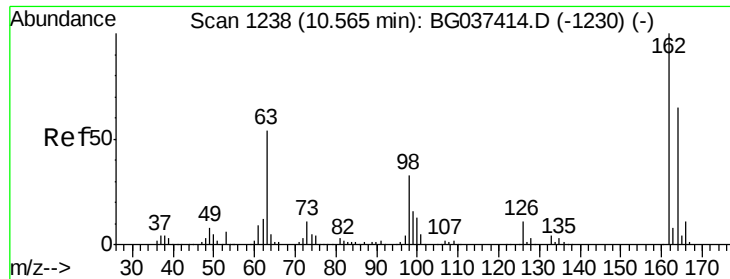
Tot Ion:122 Resp: 155928
 Ion Ratio Lower Upper
 122 100
 107 115.0 94.2 141.2
 121 58.6 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.270 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion: 93 Resp: 226018
 Ion Ratio Lower Upper
 93 100
 95 33.5 24.6 37.0
 123 11.1 9.1 13.7

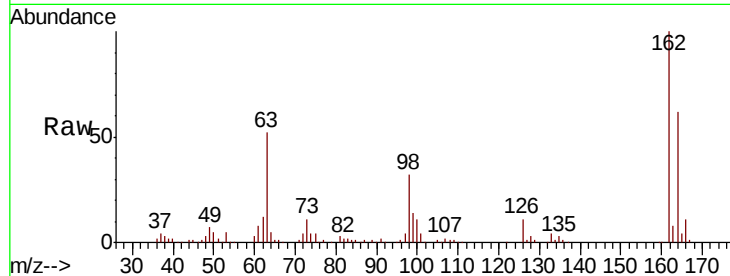




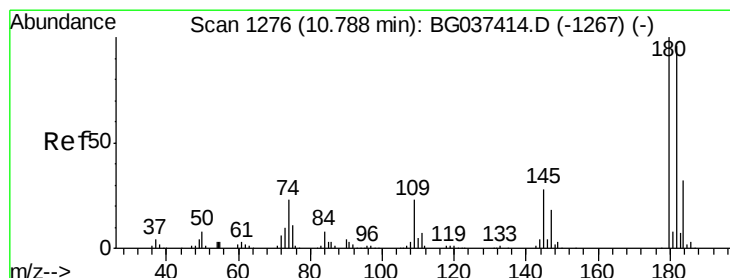
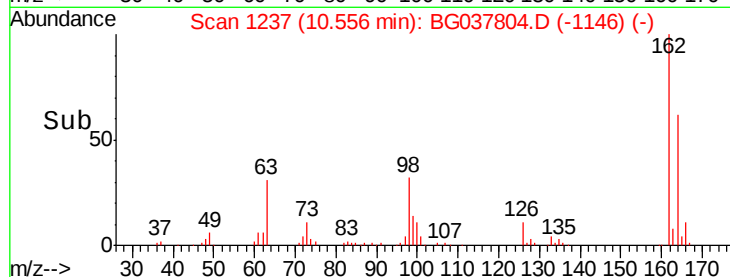
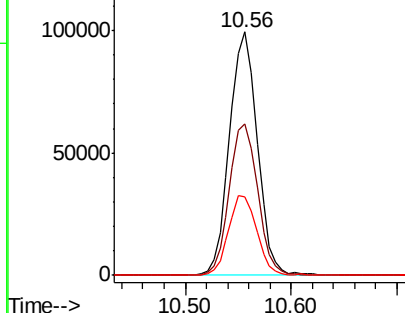
#29
 2,4-Dichlorophenol
 Concen: 39.546 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	43.2	83.2
98	32.4	16.0	56.0

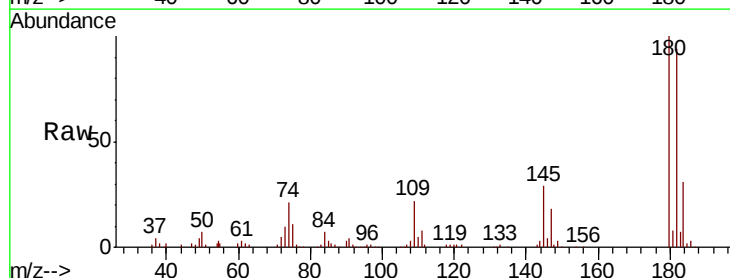


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

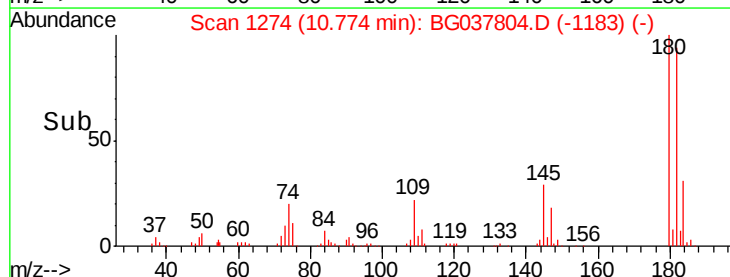
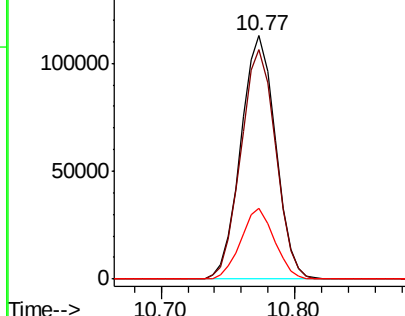


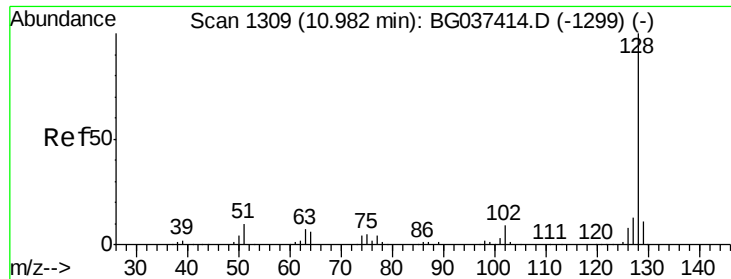
#30
 1,2,4-Trichlorobenzene
 Concen: 40.535 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.7	116.5
145	29.0	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

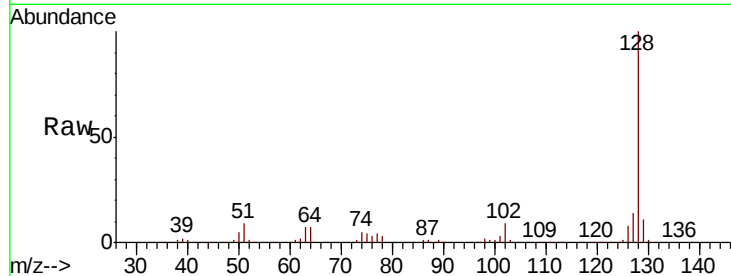




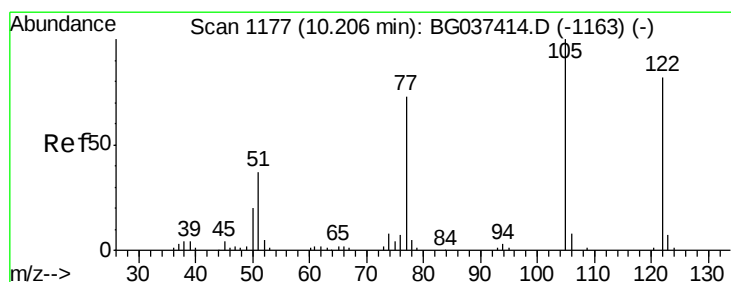
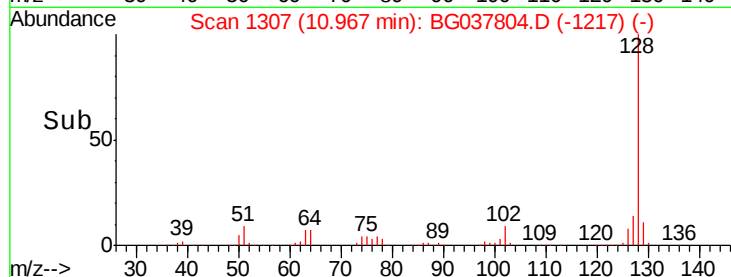
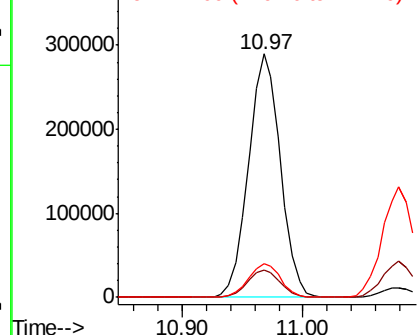
#31
Naphthalene
Concen: 39.126 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 531108
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 11.1 16.7

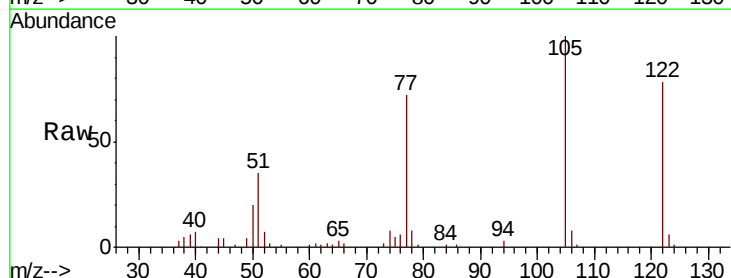


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

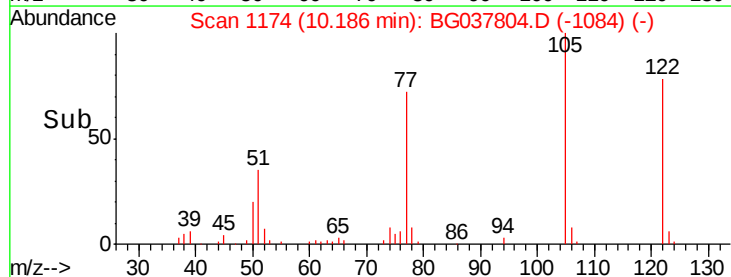
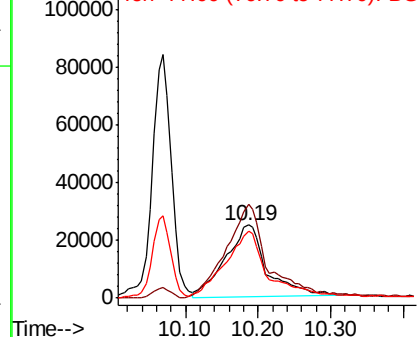


#32
Benzoic acid
Concen: 36.266 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:122 Resp: 97101
Ion Ratio Lower Upper
122 100
105 128.3 106.7 146.7
77 92.1 72.2 112.2



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

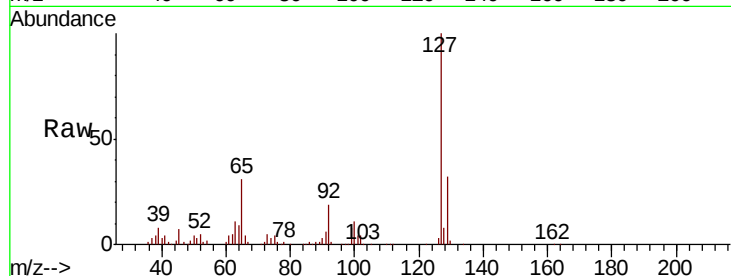




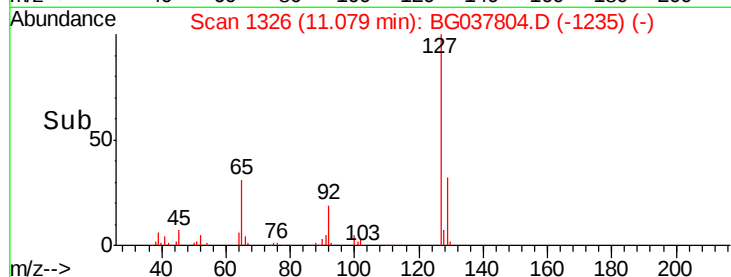
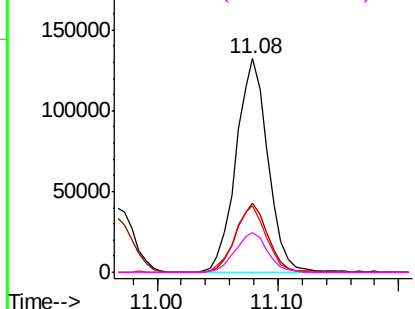
#33
4-Chloroaniline
Concen: 37.977 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	242218
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.1	40.7
65	31.2	26.6	39.8
92	18.7	16.4	24.6

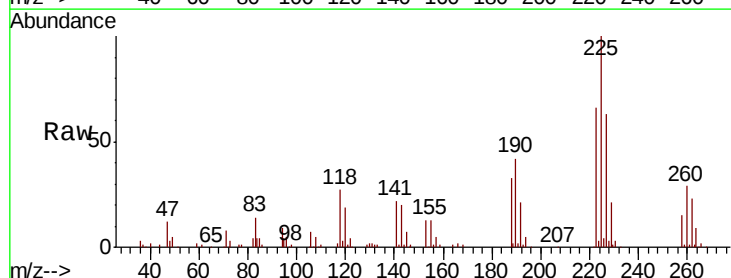


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

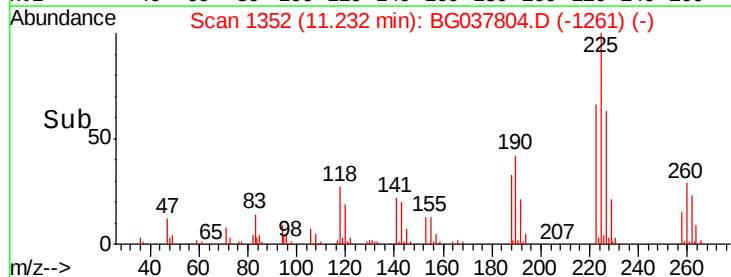
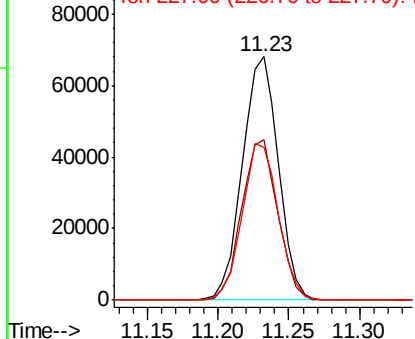


#34
Hexachlorobutadiene
Concen: 41.134 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:	225	Resp:	121685
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.2	72.4
227	60.3	51.6	77.4



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

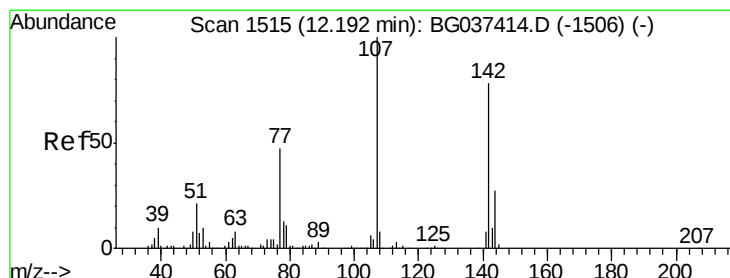
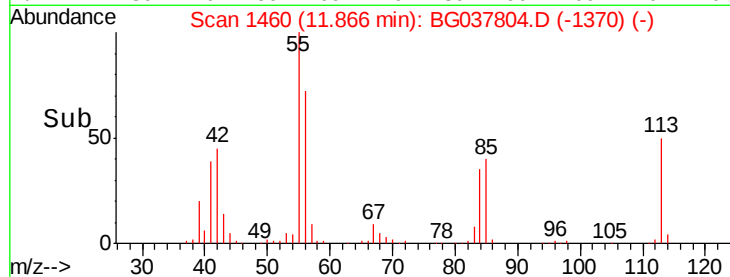
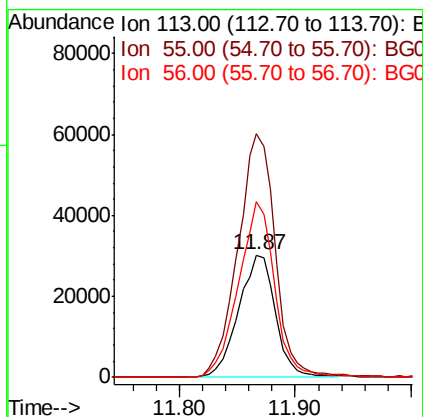
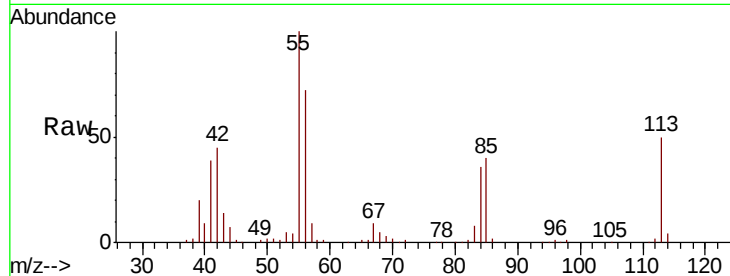




#35
 Caprolactam
 Concen: 36.448 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

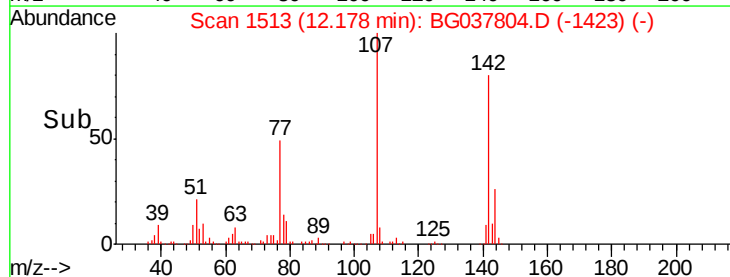
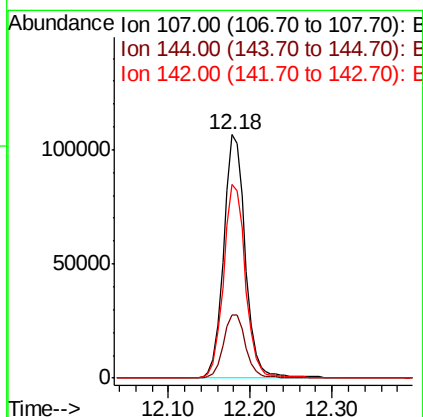
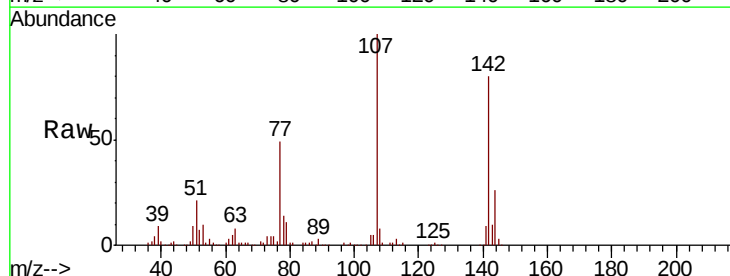
Instrument :
 BNA_G
 ClientSampleId :

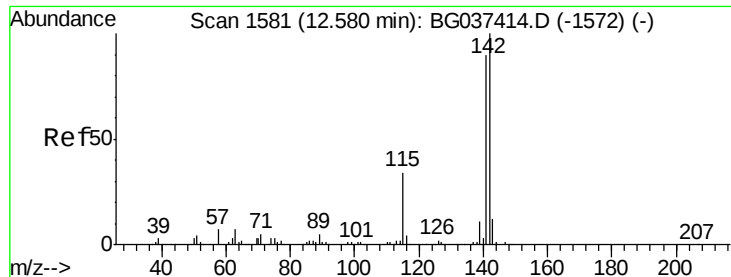
Tot Ion:113 Resp: 67094
 Ion Ratio Lower Upper
 113 100
 55 198.9 176.6 216.6
 56 143.9 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.835 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion:107 Resp: 195846
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 79.6 64.4 96.6

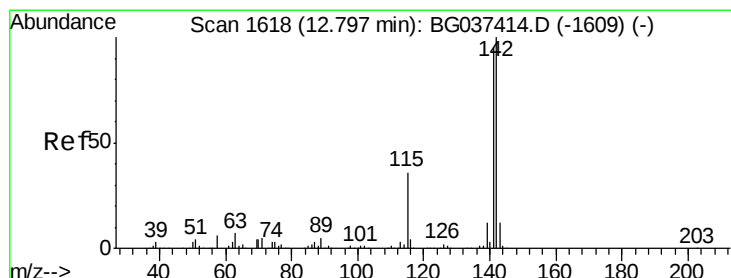
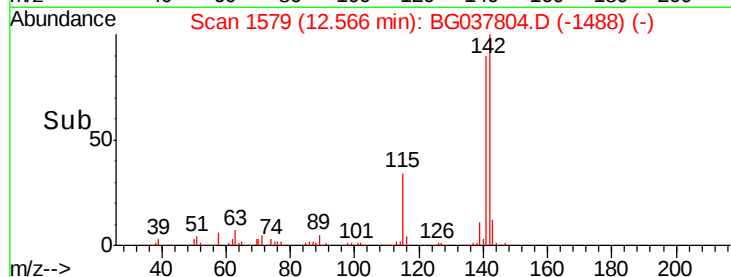
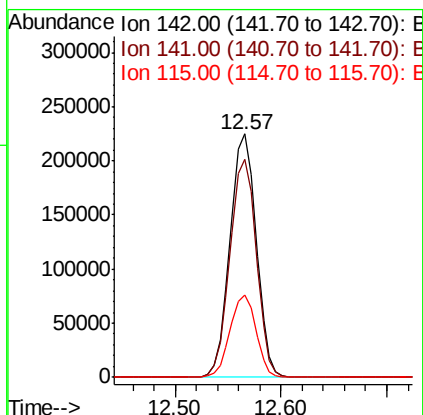
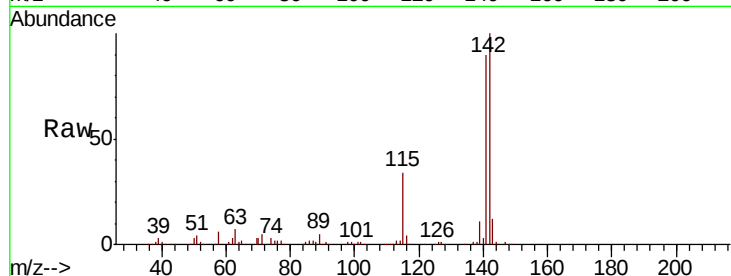




#37
 2-Methylnaphthalene
 Concen: 38.951 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

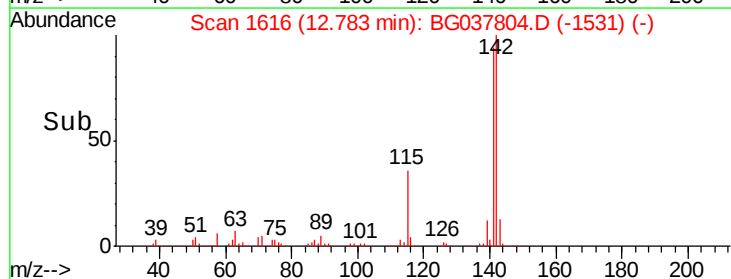
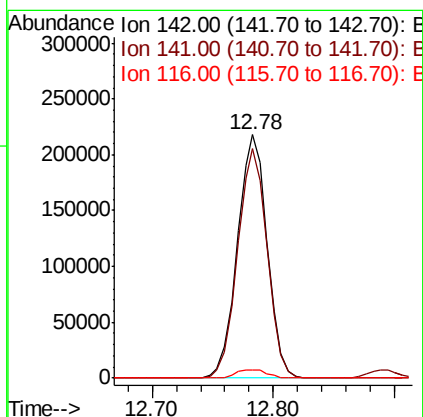
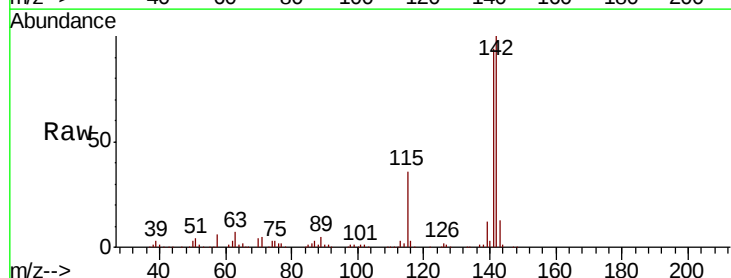
Instrument :
 BNA_G
 ClientSampleId :

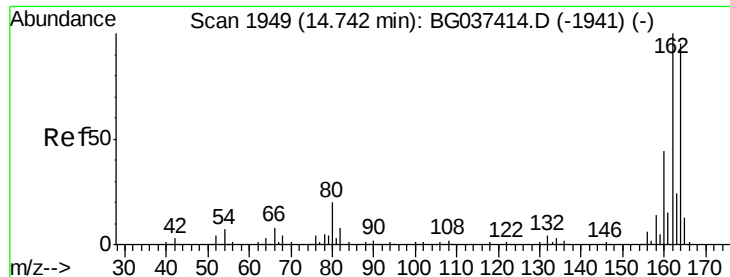
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	34.0	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 38.739 ng
 RT: 12.78 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.2	112.8
116	3.5	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampled :

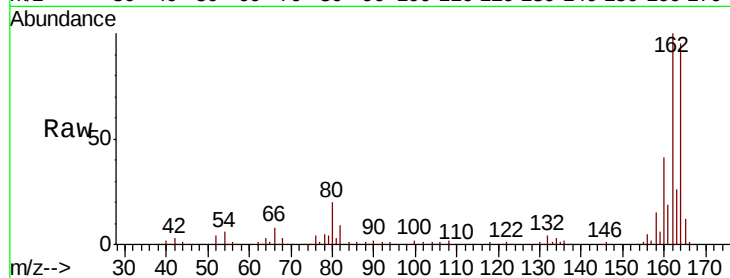
Tot Ion:164 Resp: 172949

Ion Ratio Lower Upper

164 100

162 105.6 81.3 121.9

160 43.6 36.3 54.5

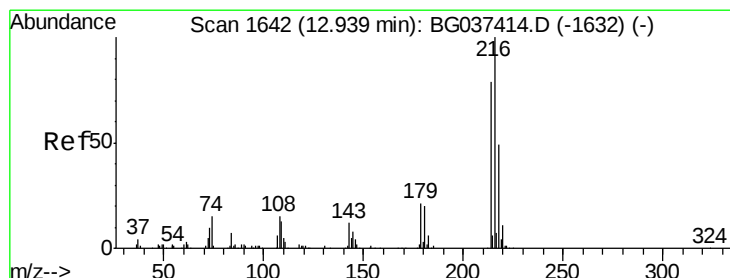
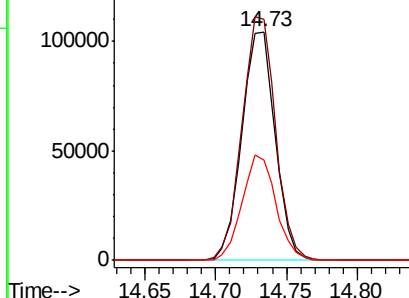
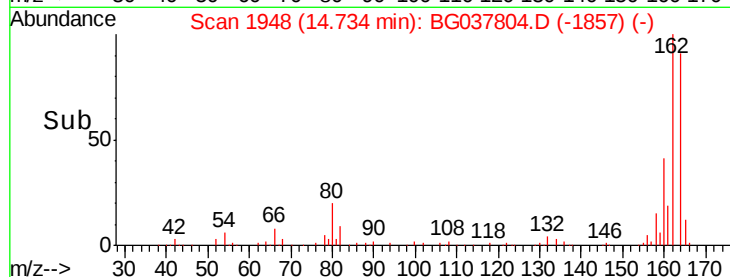


Abundance

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: 42.614 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Tgt Ion:216 Resp: 237725

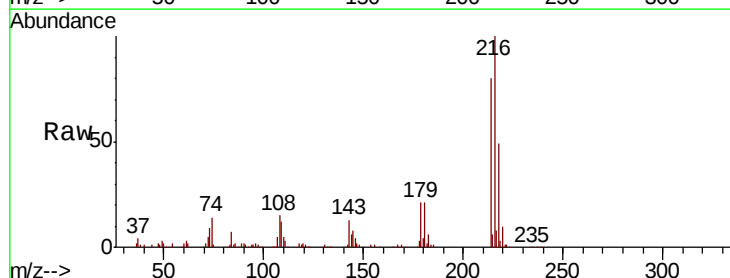
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 20.5 17.4 26.0

108 16.9 13.9 20.9



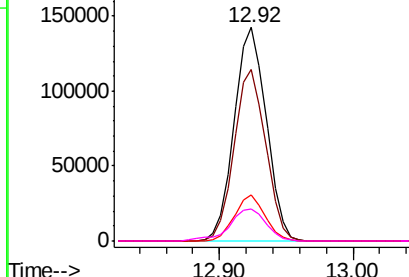
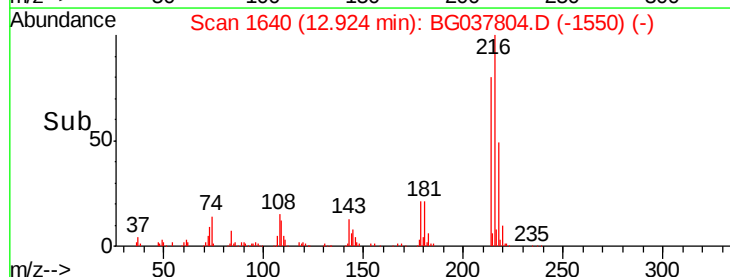
Abundance

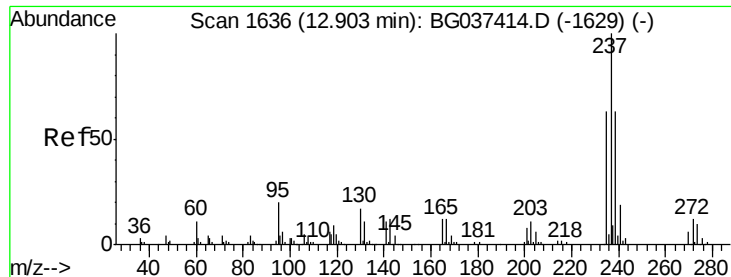
Ion 216.00 (215.70 to 216.70): E

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

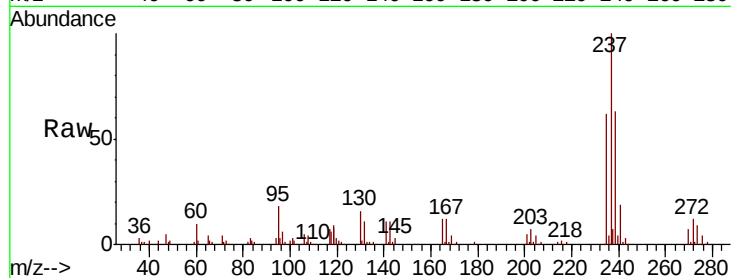




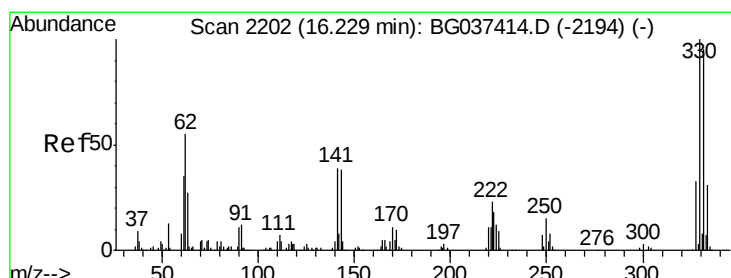
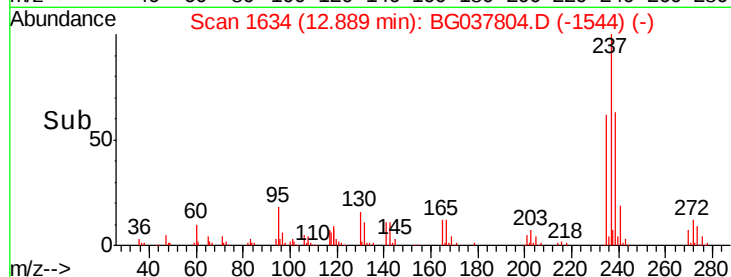
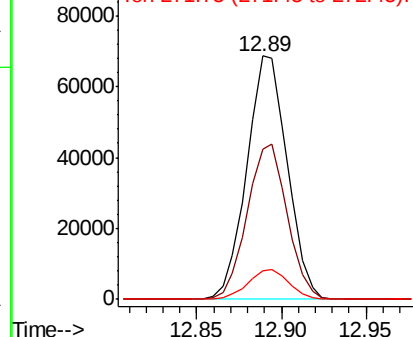
#41
Hexachlorocyclopentadiene
Concen: 42.853 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 114192
Ion Ratio Lower Upper
237 100
235 61.9 42.5 82.5
272 11.6 0.0 31.6

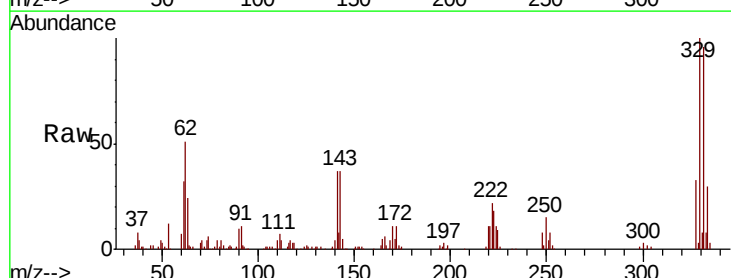


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

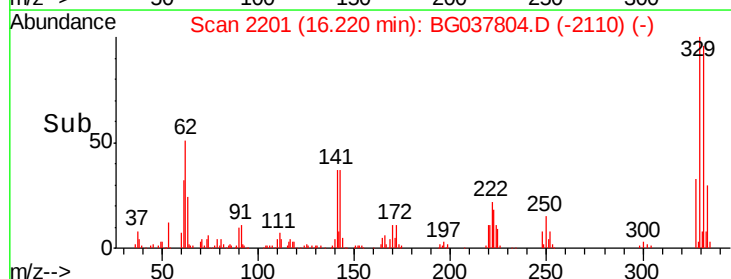
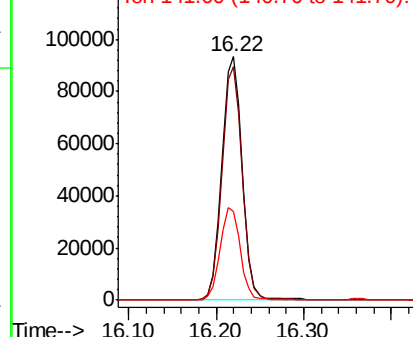


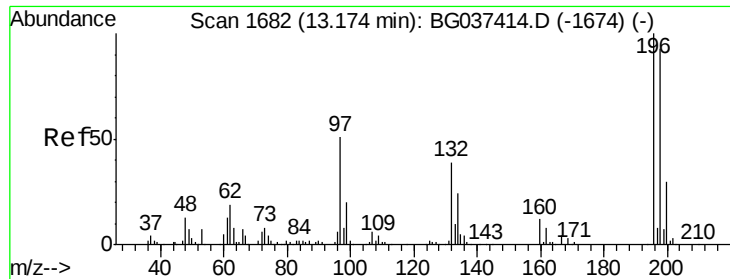
#42
2,4,6-Tribromophenol
Concen: 80.132 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:330 Resp: 151156
Ion Ratio Lower Upper
330 100
332 95.3 78.4 117.6
141 37.5 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

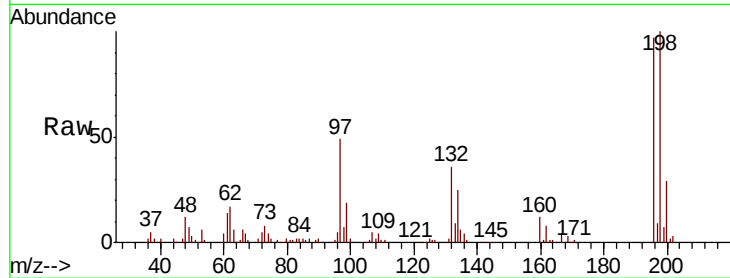




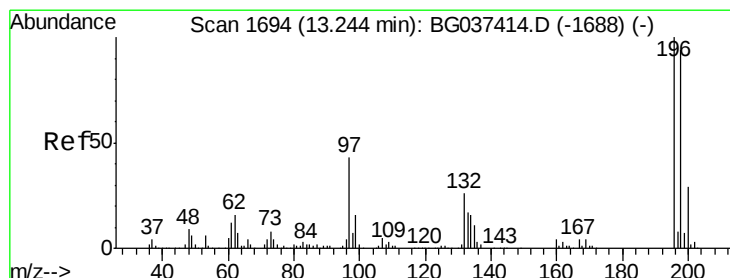
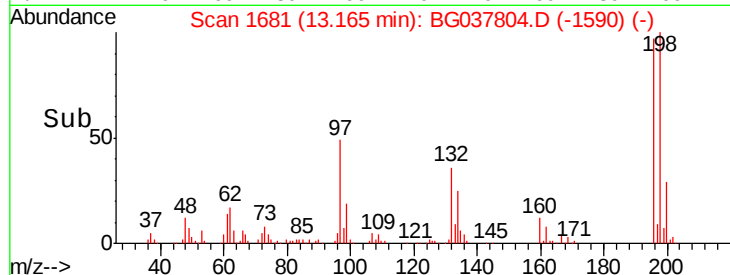
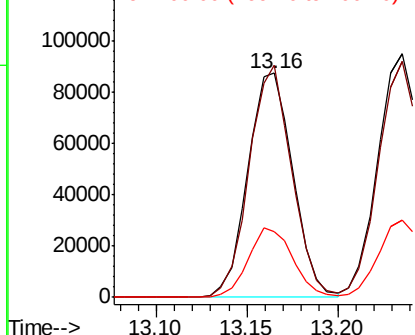
#43
 2,4,6-Trichlorophenol
 Concen: 40.568 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 151195
 Ion Ratio Lower Upper
 196 100
 198 103.2 76.4 114.6
 200 29.5 24.9 37.3

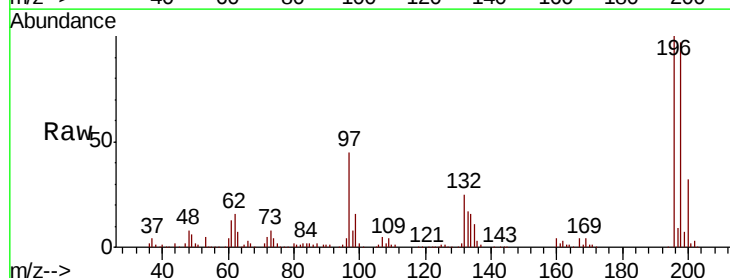


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

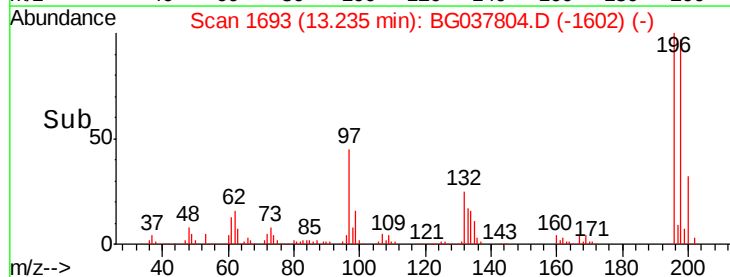
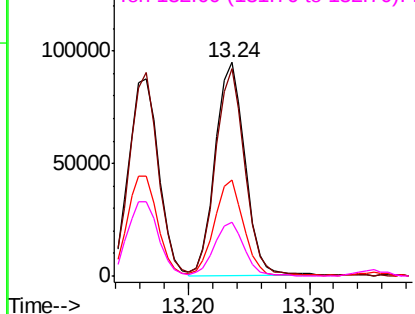


#44
 2,4,5-Trichlorophenol
 Concen: 39.761 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion:196 Resp: 161340
 Ion Ratio Lower Upper
 196 100
 198 97.2 74.2 111.2
 97 44.7 34.1 51.1
 132 25.3 20.2 30.4



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

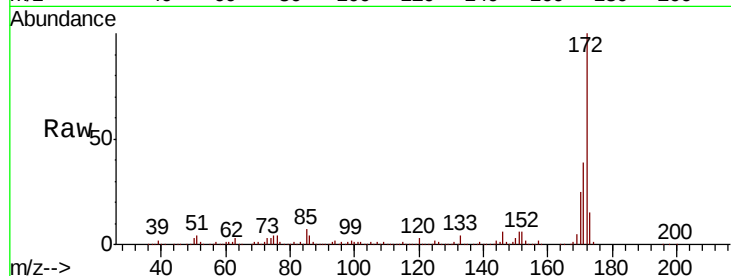




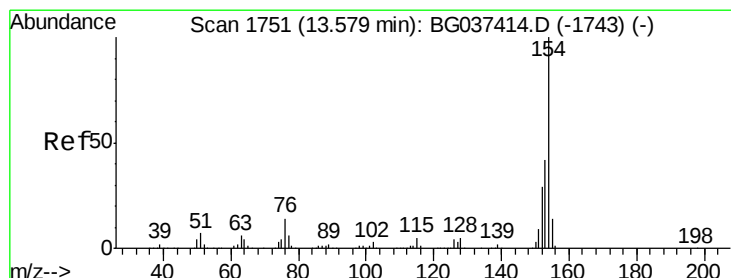
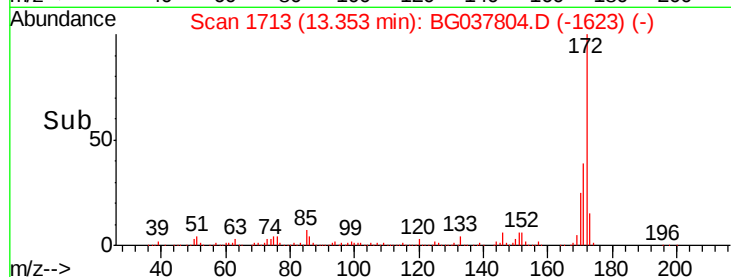
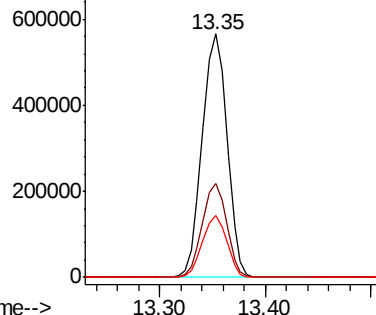
#45
 2-Fluorobiphenyl
 Concen: 80.202 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.0	46.4
170	25.5	20.2	30.2

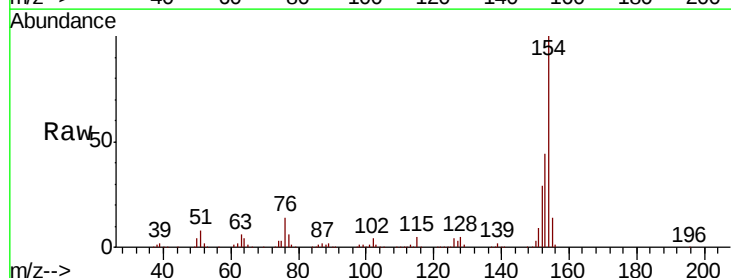


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

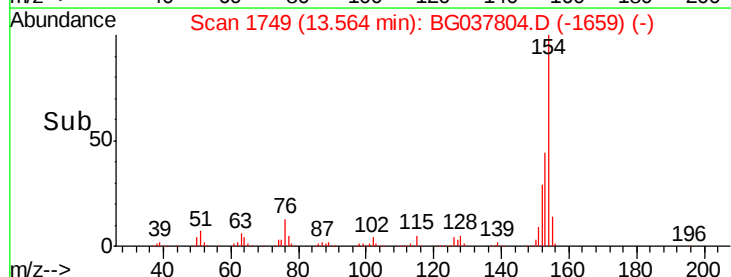
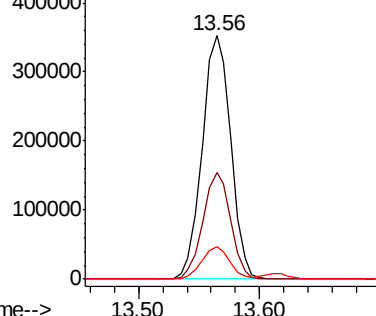


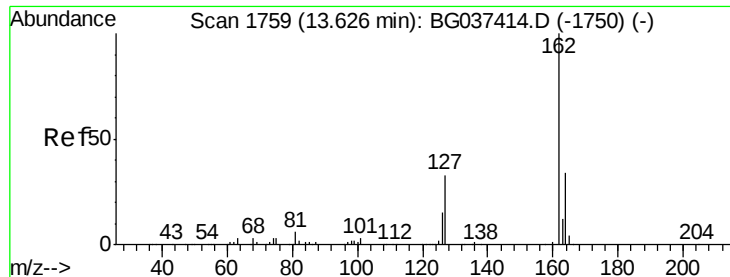
#46
 1,1'-Biphenyl
 Concen: 40.445 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	22.1	62.1
76	13.5	0.0	33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

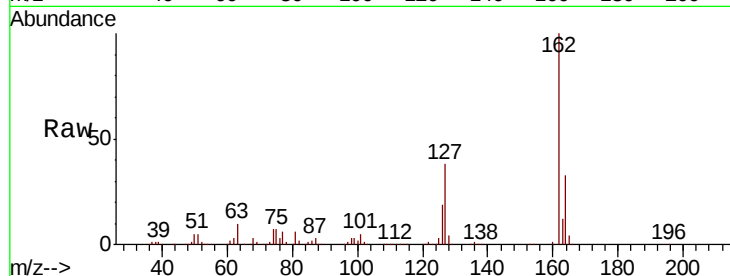




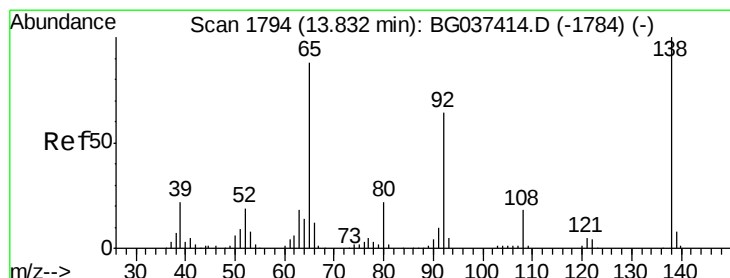
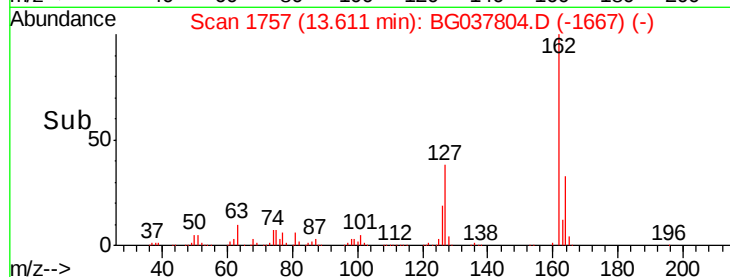
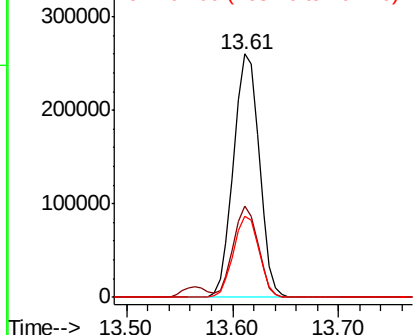
#47
 2-Chloronaphthalene
 Concen: 40.412 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 437911
 Ion Ratio Lower Upper
 162 100
 127 37.6 30.5 45.7
 164 33.5 26.4 39.6

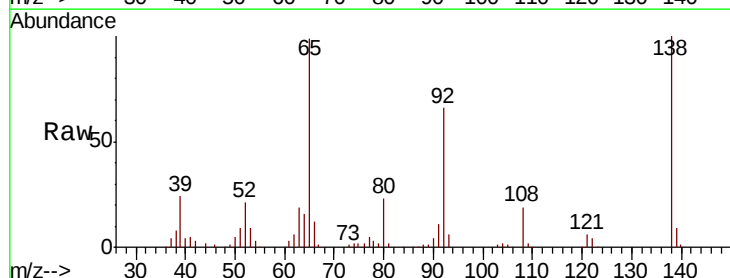


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

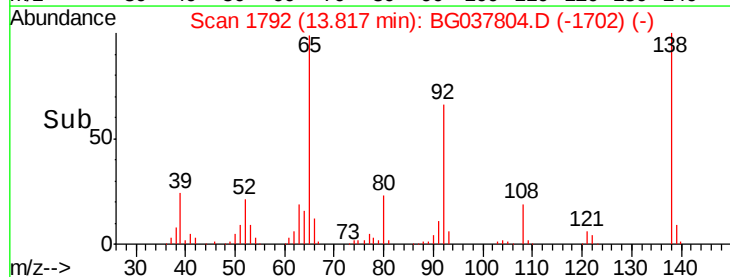
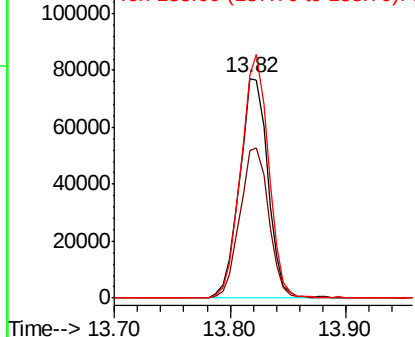


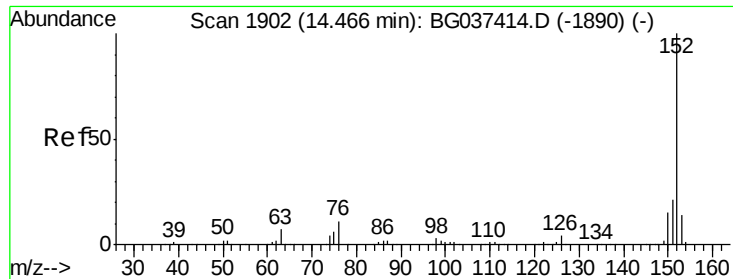
#48
 2-Nitroaniline
 Concen: 40.157 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion: 65 Resp: 131957
 Ion Ratio Lower Upper
 65 100
 92 67.5 53.2 79.8
 138 101.5 79.3 118.9



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





#49

Acenaphthylene

Concen: 39.850 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampled :

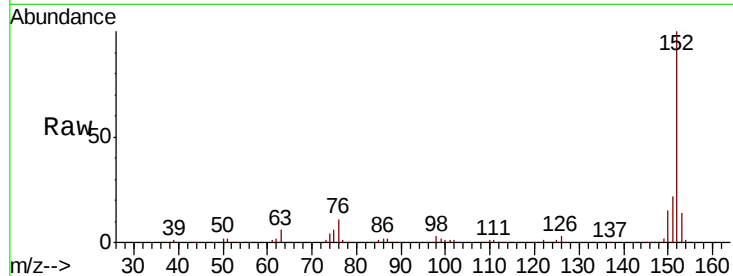
Tot Ion:152 Resp: 649567

Ion Ratio Lower Upper

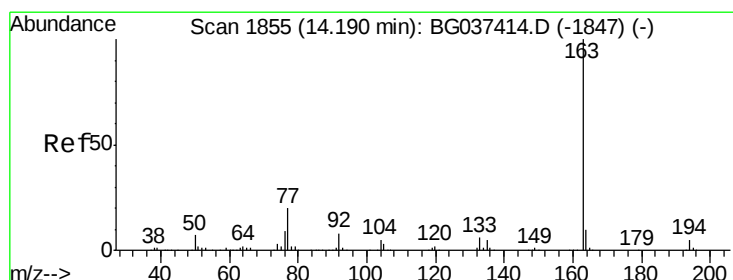
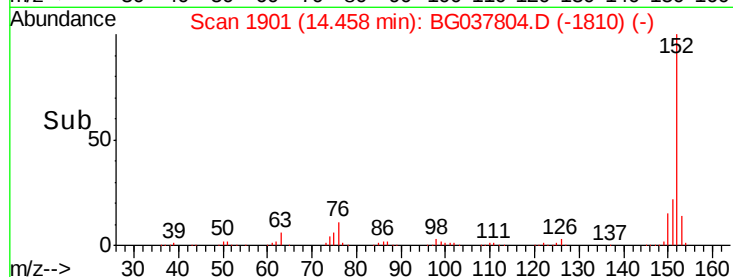
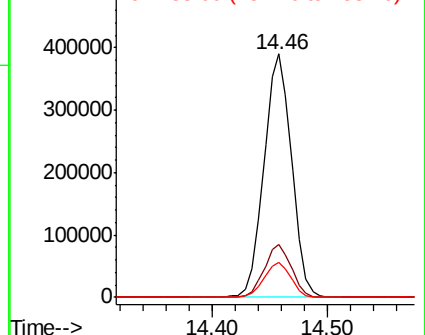
152 100

151 21.8 17.1 25.7

153 14.2 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: 38.983 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

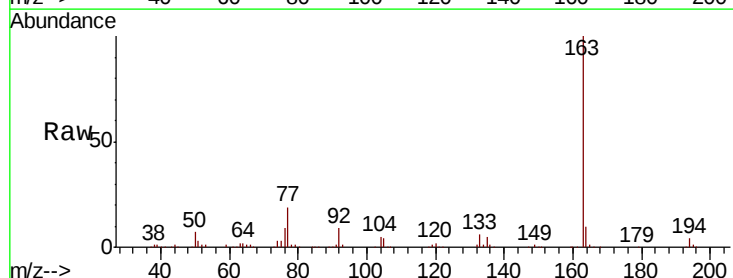
Tgt Ion:163 Resp: 521579

Ion Ratio Lower Upper

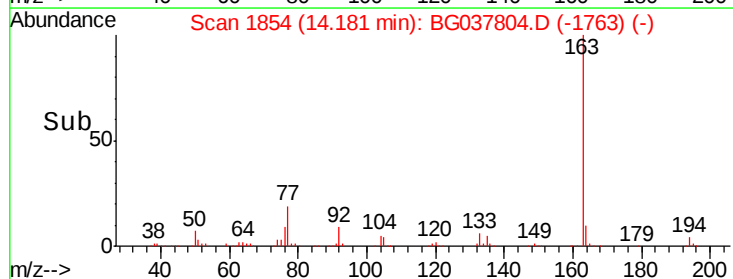
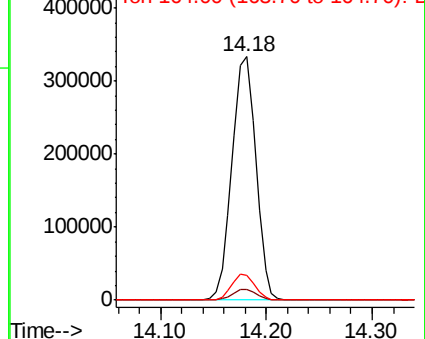
163 100

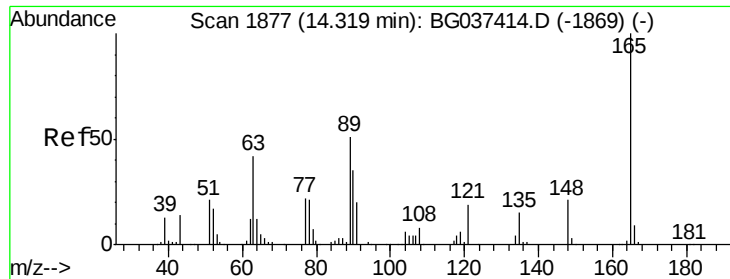
194 4.4 3.5 5.3

164 10.1 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.978 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

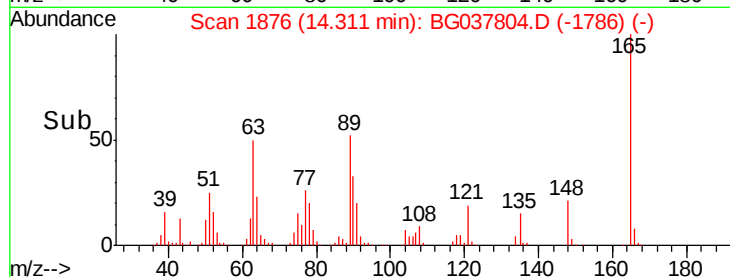
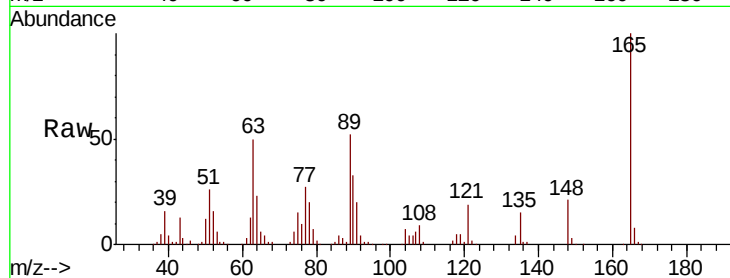
Tot Ion:165 Resp: 121288

Ion Ratio Lower Upper

165 100

63 50.3 43.4 65.2

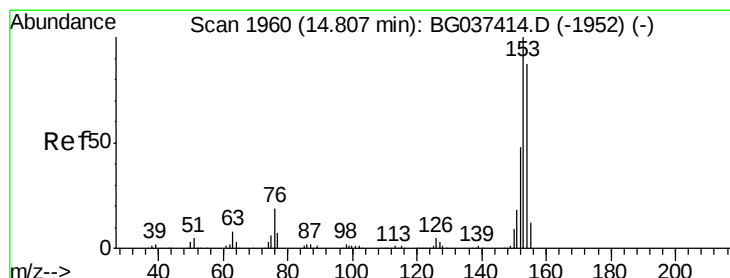
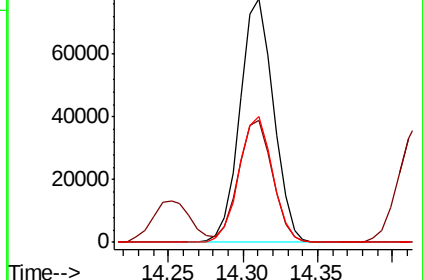
89 51.7 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.105 ng

RT: 14.80 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

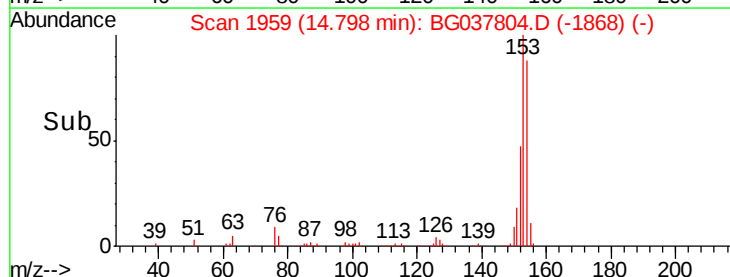
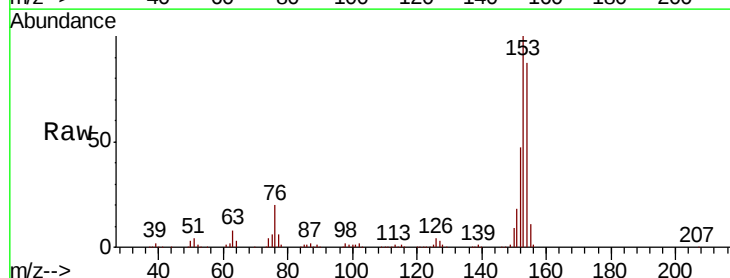
Tgt Ion:154 Resp: 392567

Ion Ratio Lower Upper

154 100

153 114.3 93.4 140.0

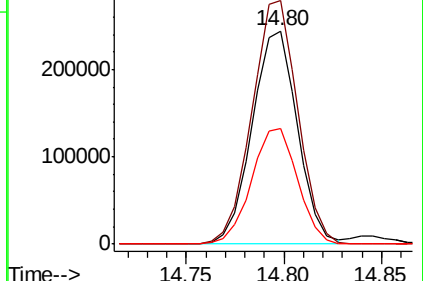
152 54.2 44.7 67.1

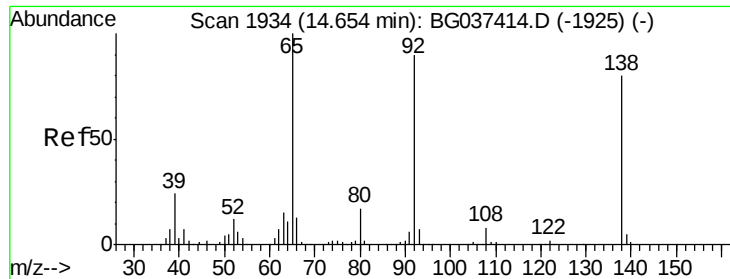


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

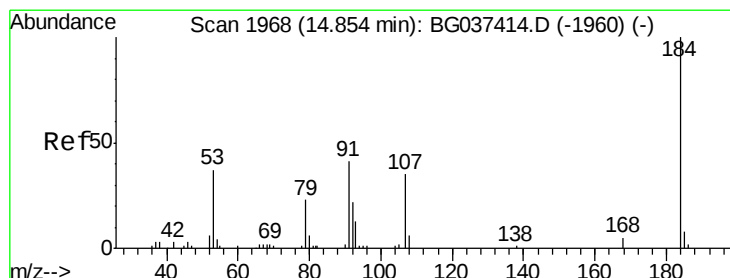
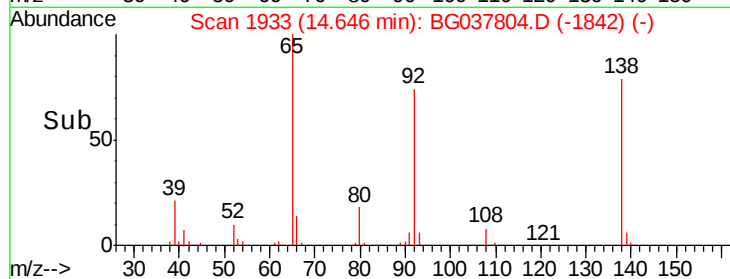
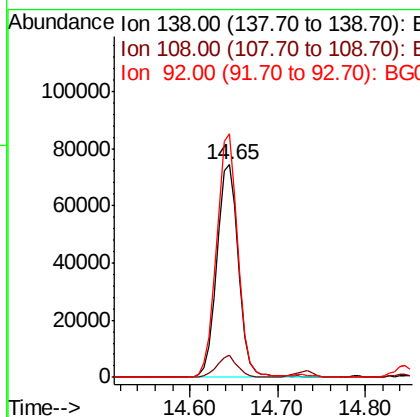
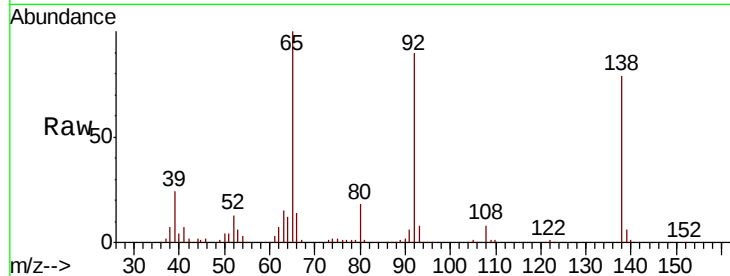




#53
 3-Nitroaniline
 Concen: 39.038 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

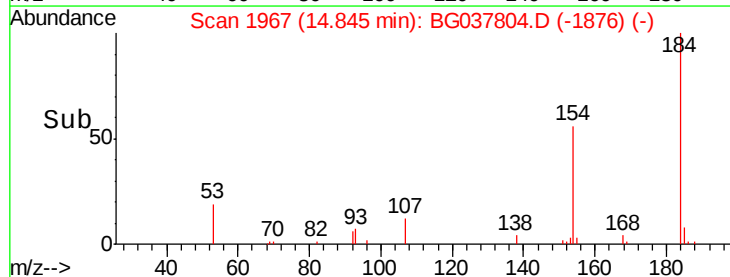
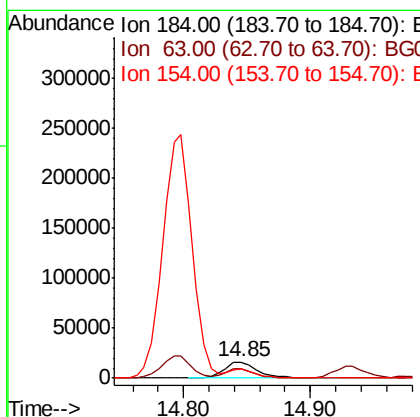
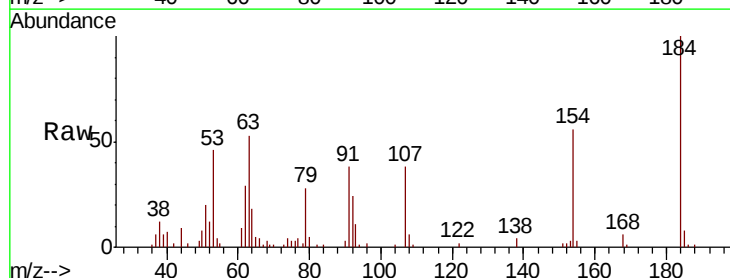
Instrument :
 BNA_G
 ClientSampleId :

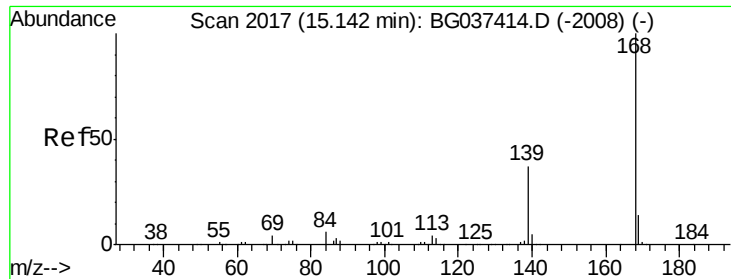
Tot Ion:138 Resp: 128273
 Ion Ratio Lower Upper
 138 100
 108 10.3 11.0 16.6#
 92 114.5 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 36.230 ng
 RT: 14.85 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion:184 Resp: 29301
 Ion Ratio Lower Upper
 184 100
 63 53.4 42.6 63.8
 154 55.6 41.8 62.6

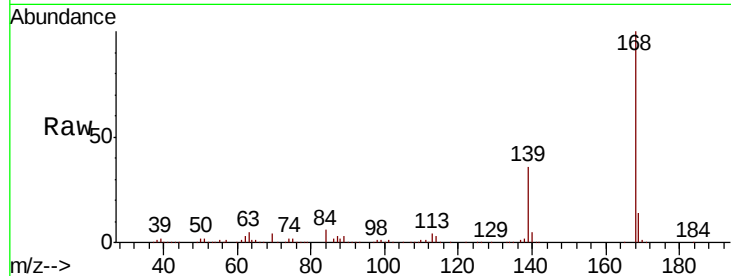




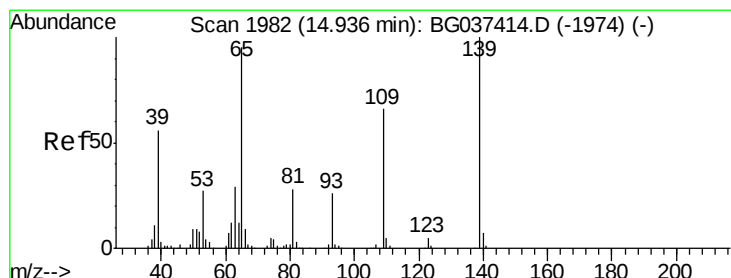
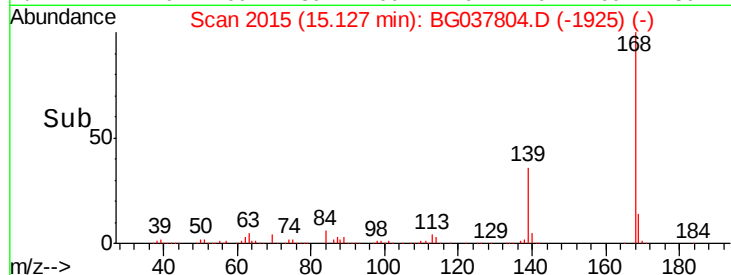
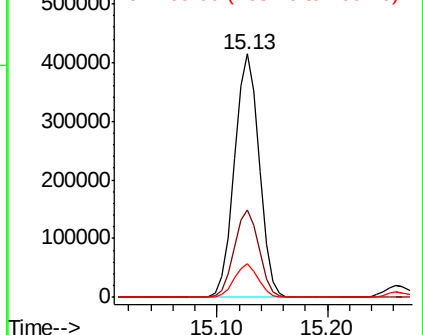
#55
Dibenzofuran
Concen: 39.298 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 653636
Ion Ratio Lower Upper
168 100
139 35.8 29.4 44.0
169 14.0 11.0 16.6

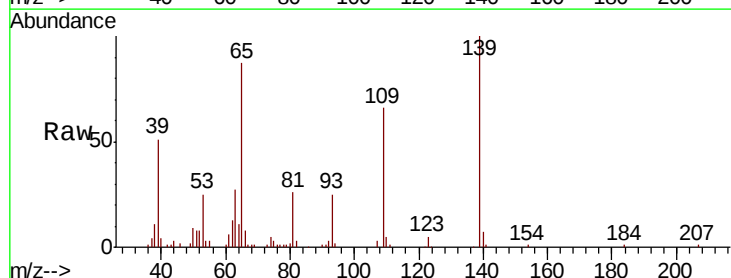


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

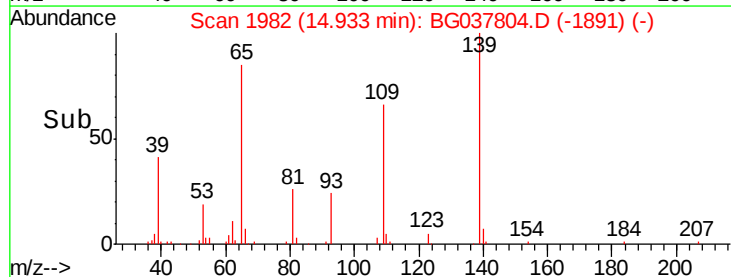
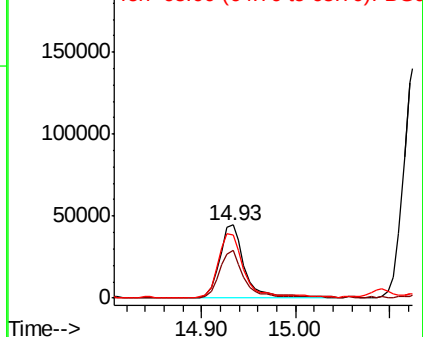


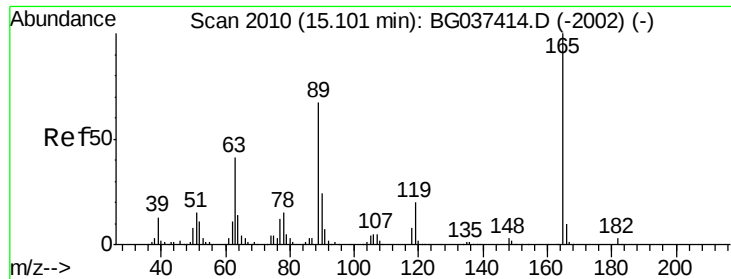
#56
4-Nitrophenol
Concen: 34.308 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:139 Resp: 83443
Ion Ratio Lower Upper
139 100
109 65.7 49.5 89.5
65 86.9 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

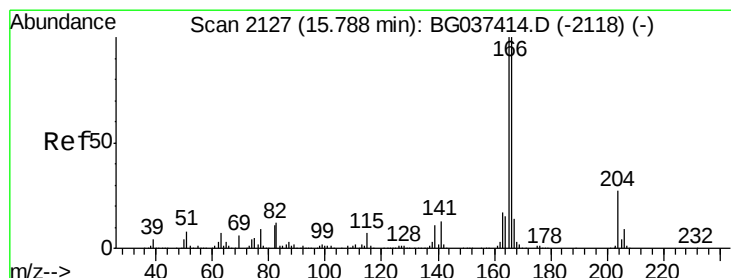
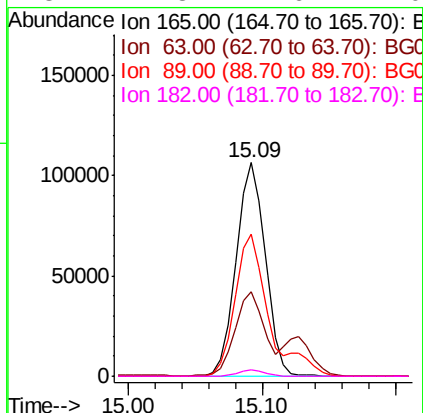
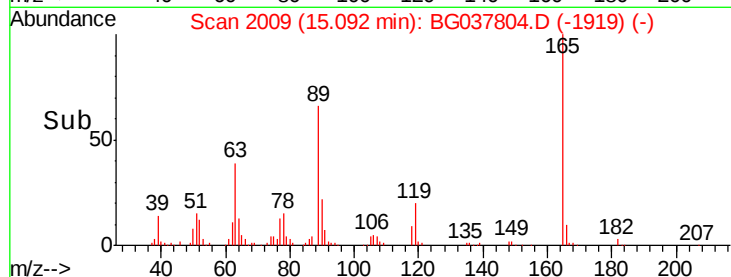
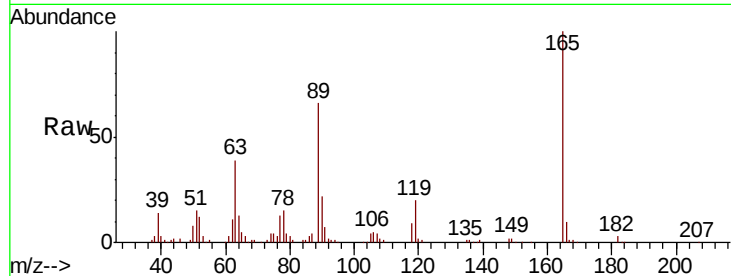




#57
2,4-Dinitrotoluene
Concen: 41.544 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

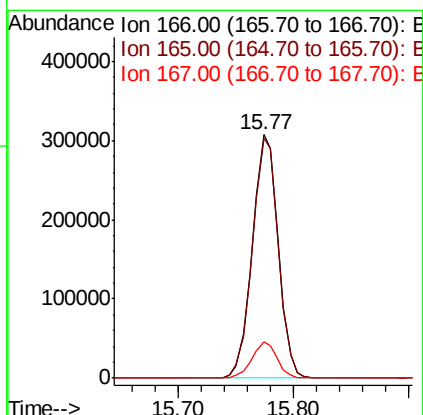
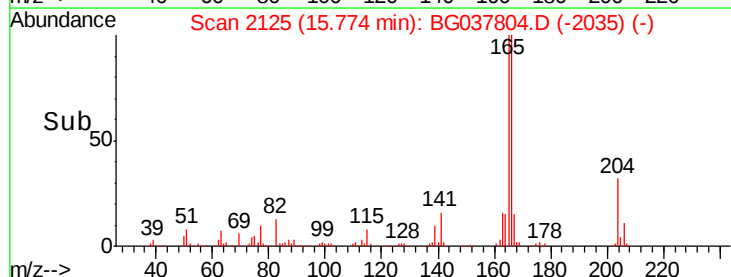
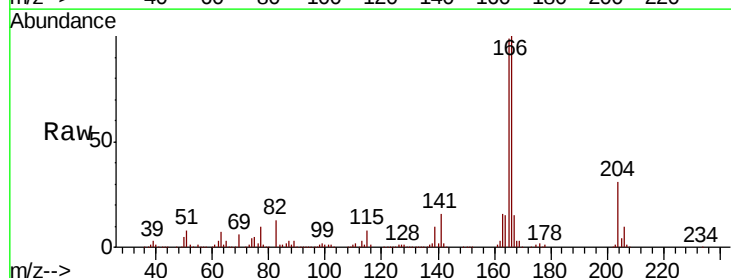
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 161410
Ion Ratio Lower Upper
165 100
63 39.4 33.4 50.0
89 66.4 57.2 85.8
182 2.8 2.6 4.0



#58
Fluorene
Concen: 38.416 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:166 Resp: 478490
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 15.0 11.3 16.9

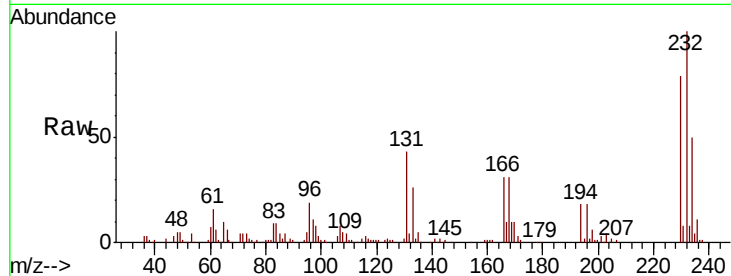




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.010 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	33.7	50.5
130	2.2	2.1	3.1
166	30.7	24.6	36.8



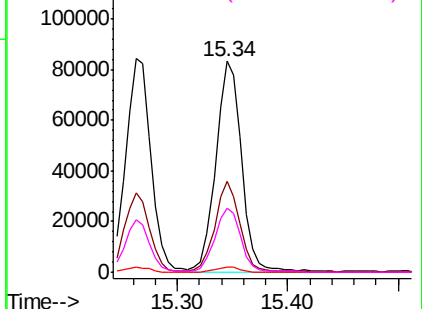
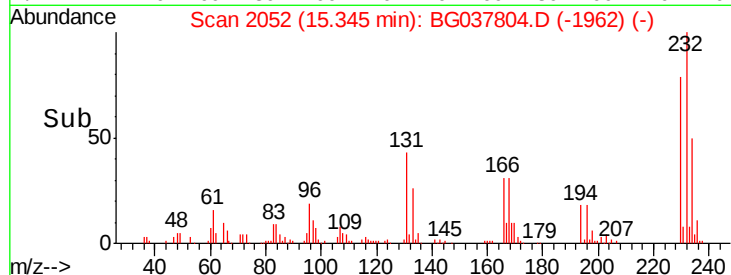
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

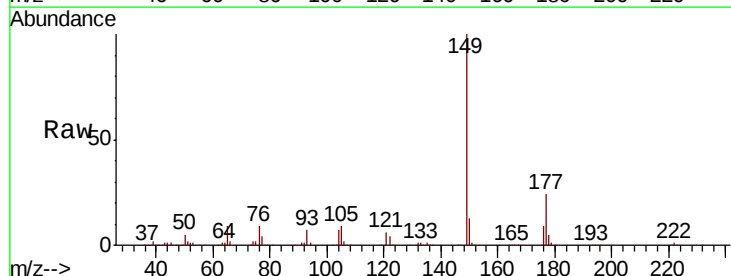
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.372 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.9	10.0	15.0

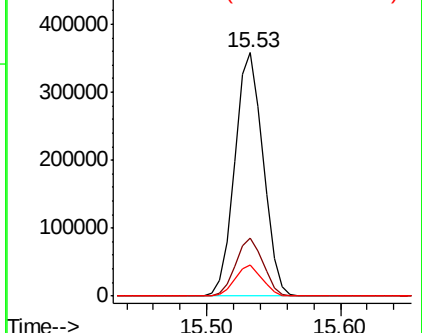
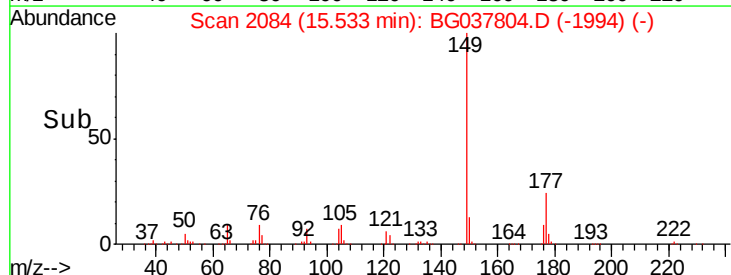


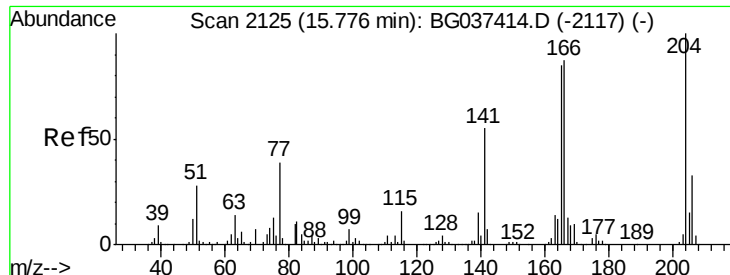
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

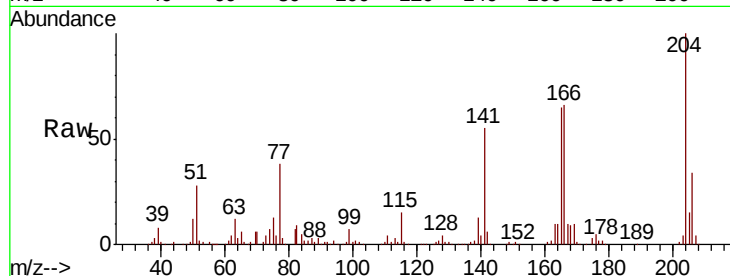




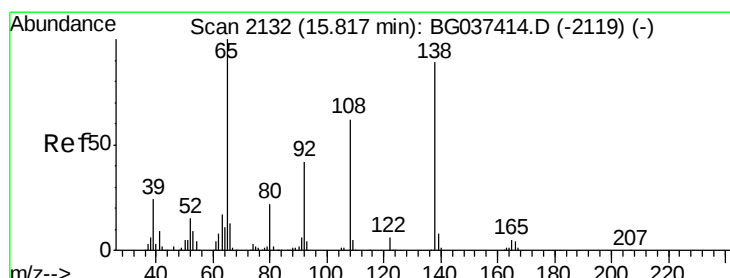
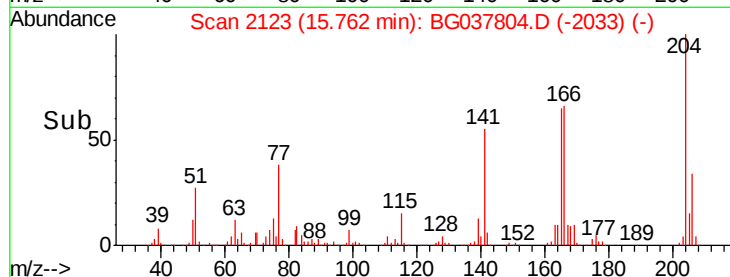
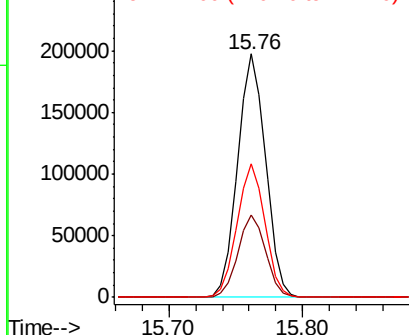
#61
4-Chlorophenyl-phenylether
Concen: 39.411 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 286117
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 55.1 45.4 68.2

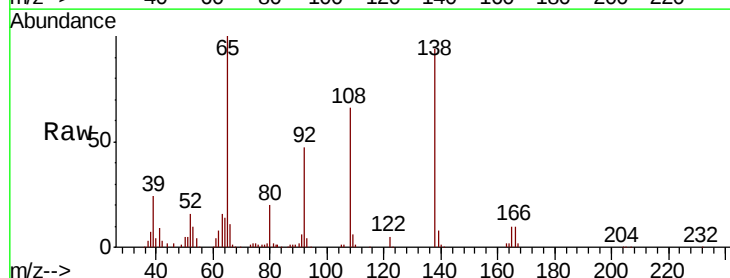


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

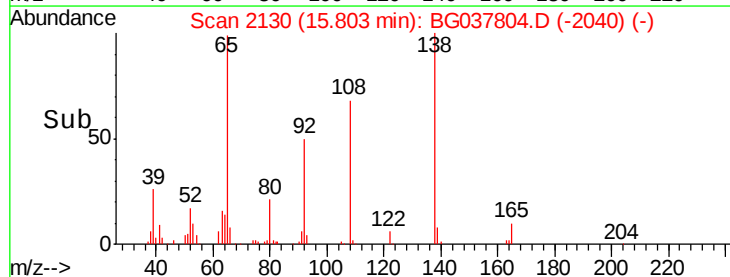
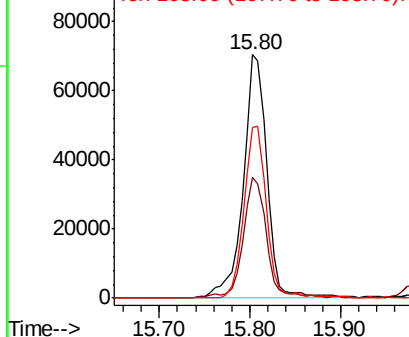


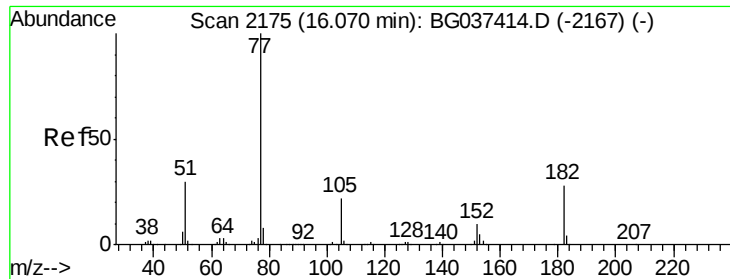
#62
4-Nitroaniline
Concen: 38.905 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:138 Resp: 127027
Ion Ratio Lower Upper
138 100
92 49.6 36.4 76.4
108 70.2 60.1 100.1



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

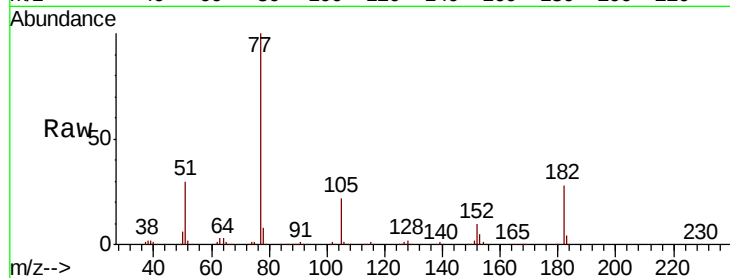




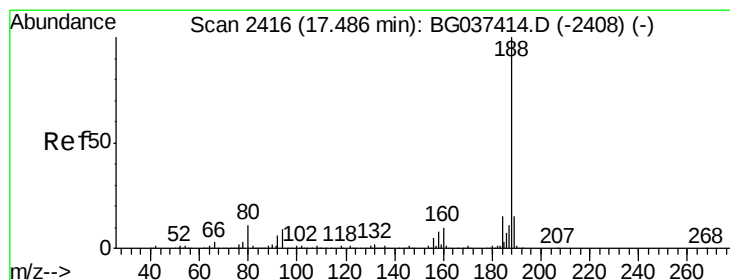
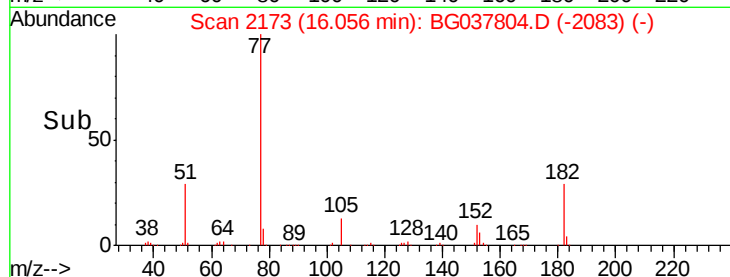
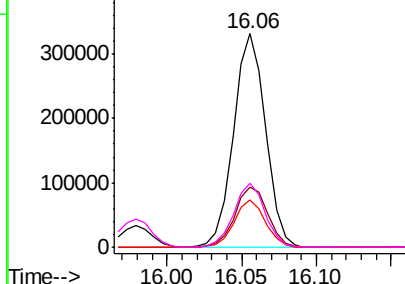
#63
Azobenzene
Concen: 37.395 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.0	48.0
105	21.9	1.3	41.3
51	30.0	10.7	50.7

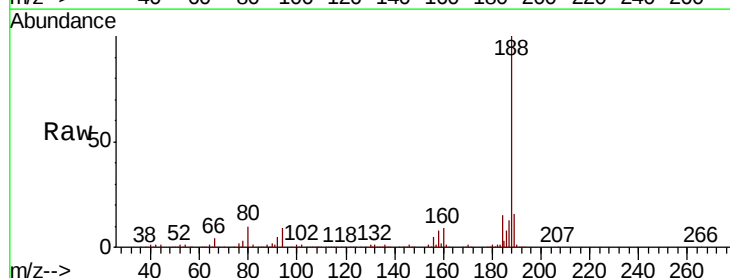


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

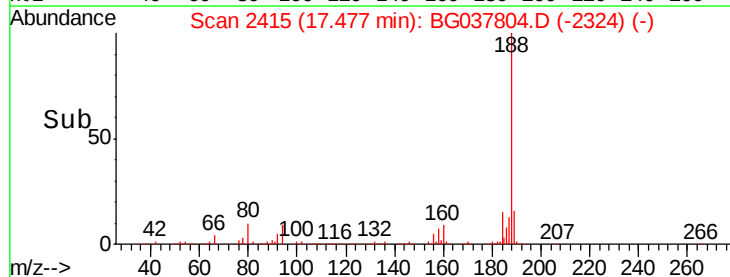
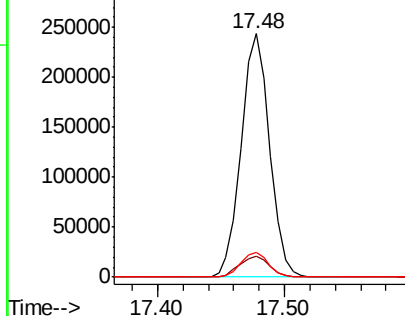


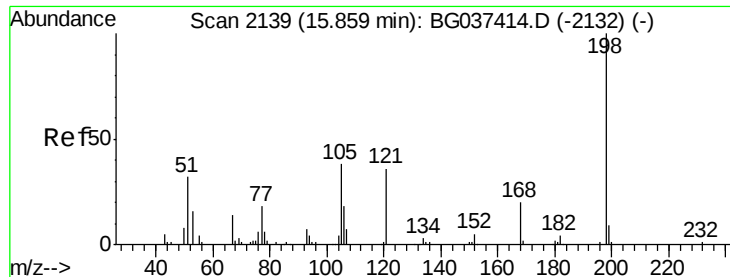
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.9	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: 39.699 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

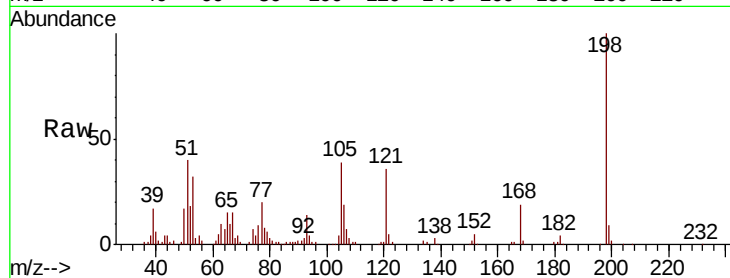
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 75290

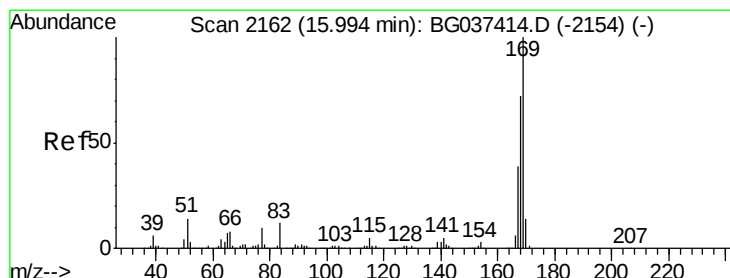
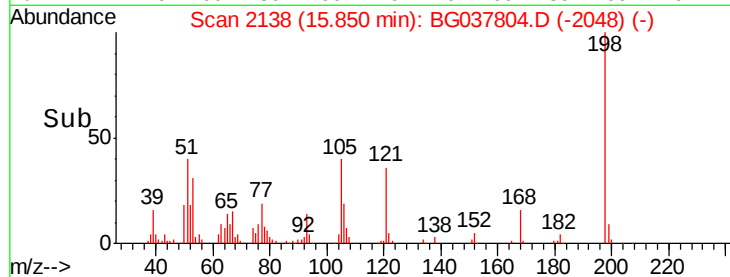
Ion	Ratio	Lower	Upper
198	100		
51	39.8	22.7	62.7
105	39.4	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.208 ng

RT: 15.98 min Scan# 2160

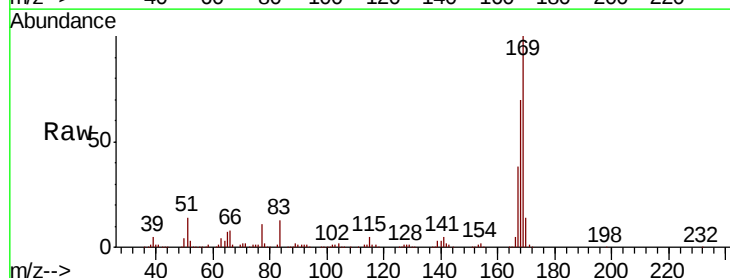
Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Tgt Ion:169 Resp: 469103

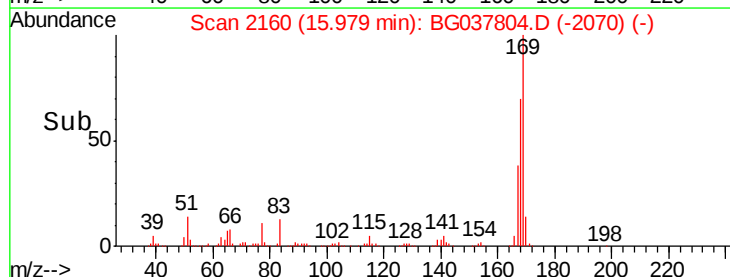
Ion	Ratio	Lower	Upper
169	100		
168	69.7	55.7	83.5
167	38.4	31.3	46.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

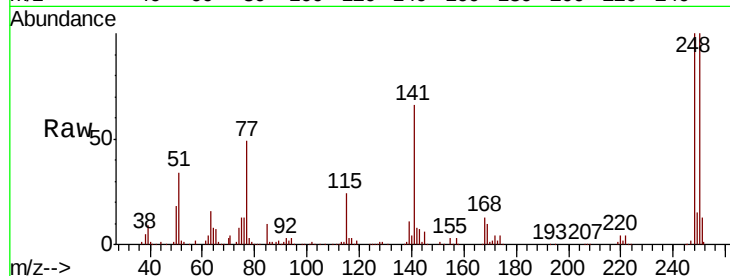




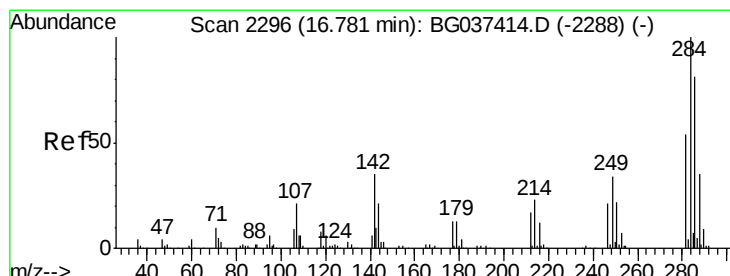
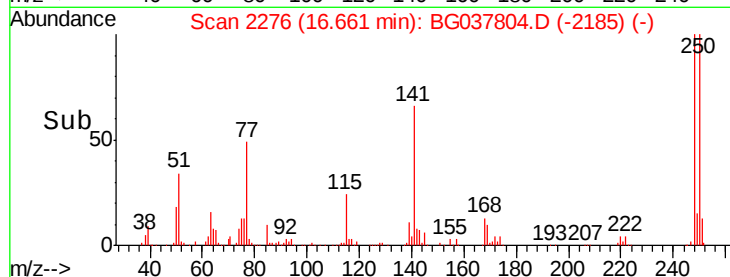
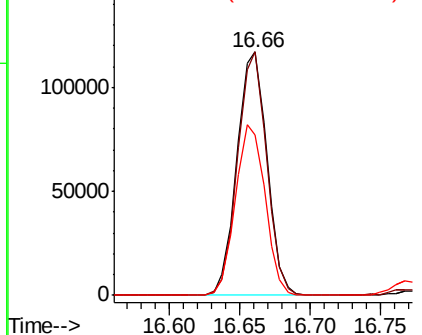
#67
4-Bromophenyl-phenylether
Concen: 41.927 ng
RT: 16.66 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 174250
Ion Ratio Lower Upper
248 100
250 99.8 77.0 115.6
141 65.9 55.5 83.3

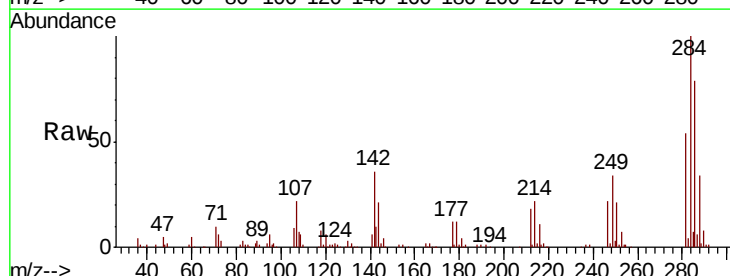


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

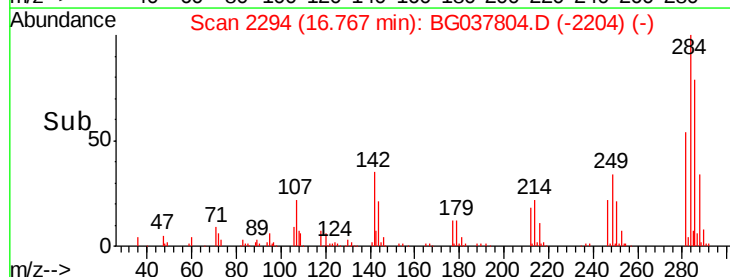
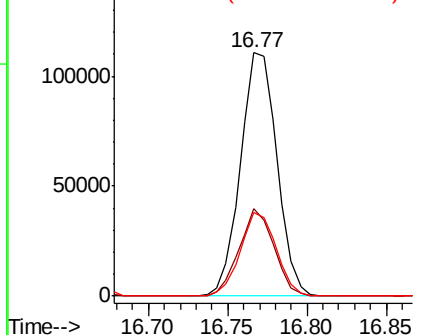


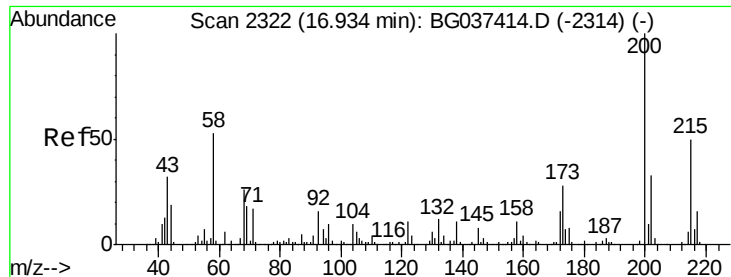
#68
Hexachlorobenzene
Concen: 41.122 ng
RT: 16.77 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:284 Resp: 177127
Ion Ratio Lower Upper
284 100
142 35.8 28.1 42.1
249 36.7 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

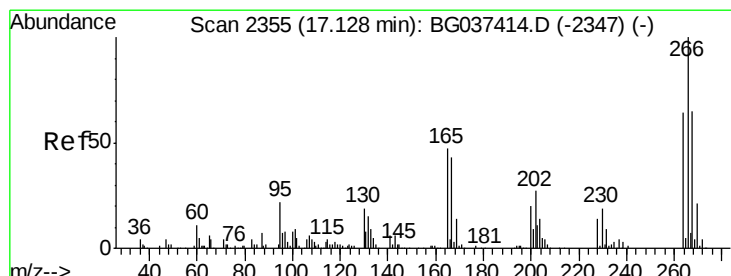
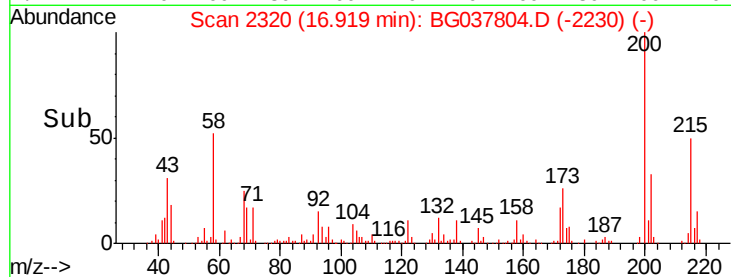
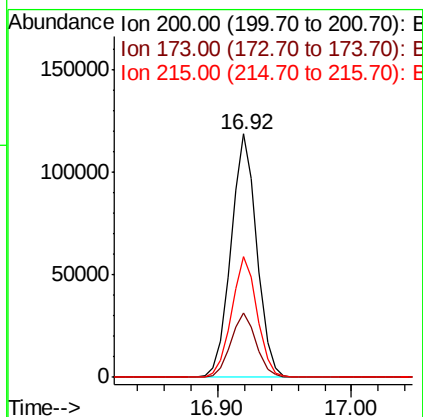
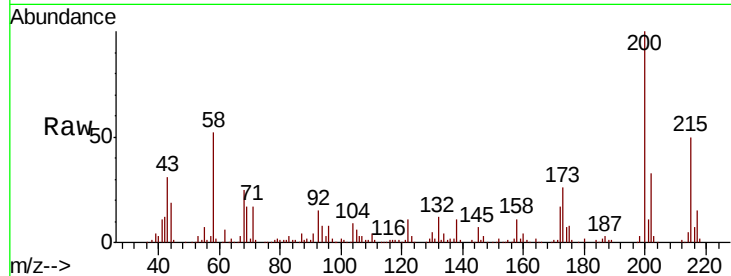




#69
 Atrazine
 Concen: 38.878 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

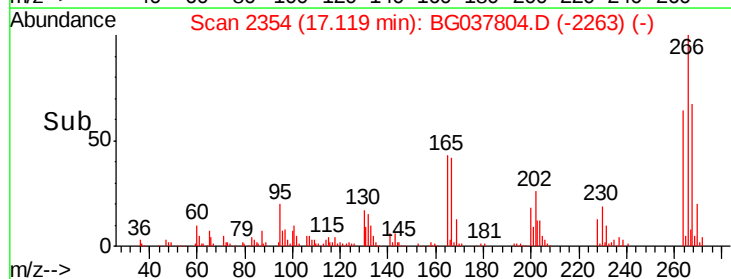
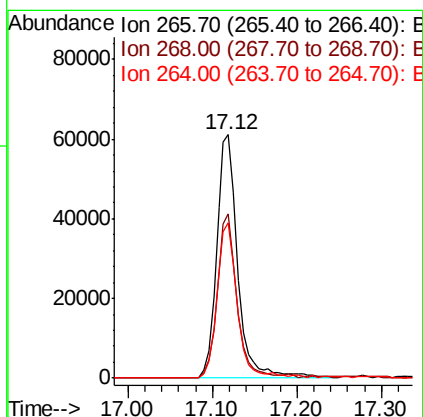
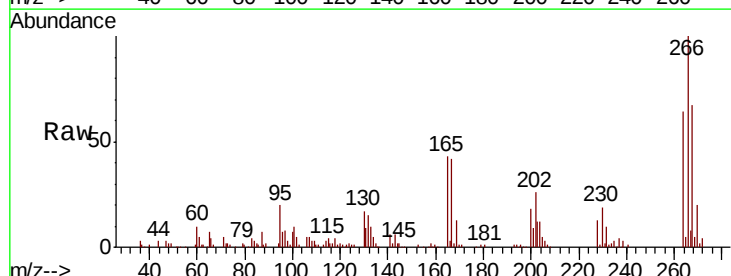
Instrument :
 BNA_G
 ClientSampleId :

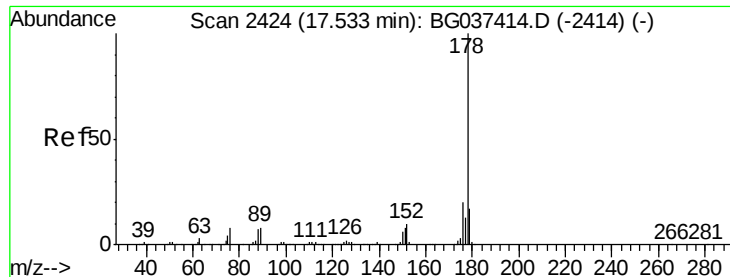
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.1	46.1
215	49.6	30.8	70.8



#70
 Pentachlorophenol
 Concen: 37.232 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.5	55.0	82.6
264	68.6	58.9	88.3

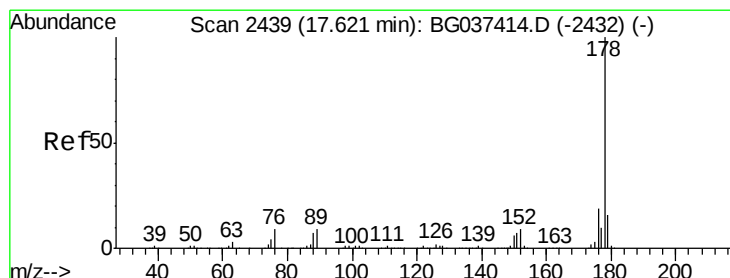
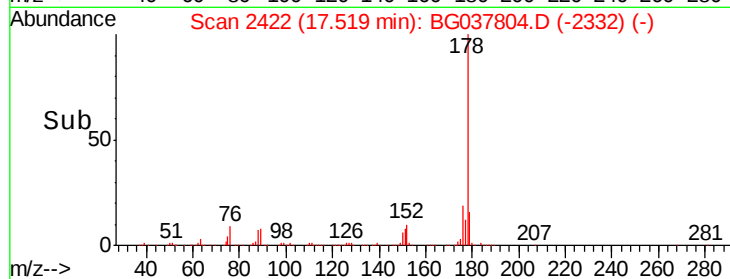
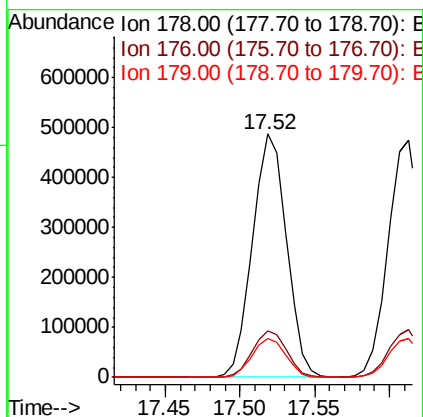
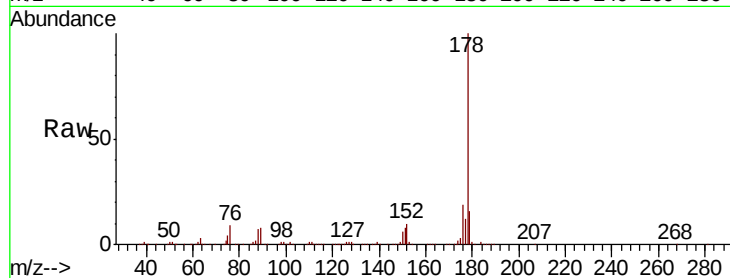




#71
Phenanthrene
Concen: 39.896 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

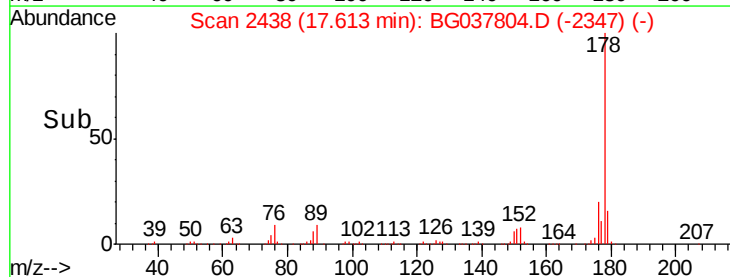
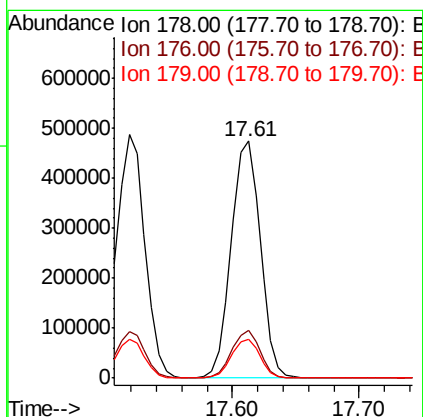
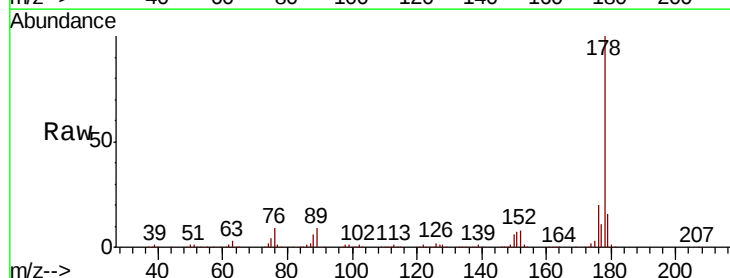
Instrument :
BNA_G
ClientSampleId :

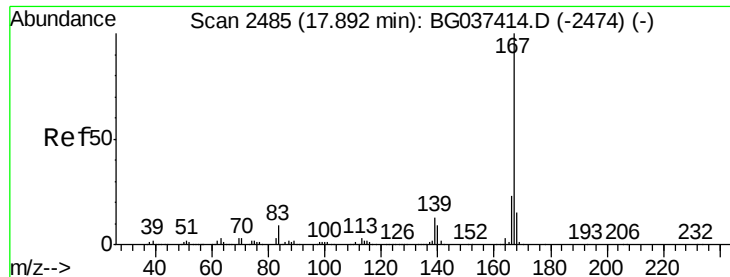
Tot Ion:178 Resp: 767357
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 39.862 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion:178 Resp: 752423
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 16.2 12.8 19.2

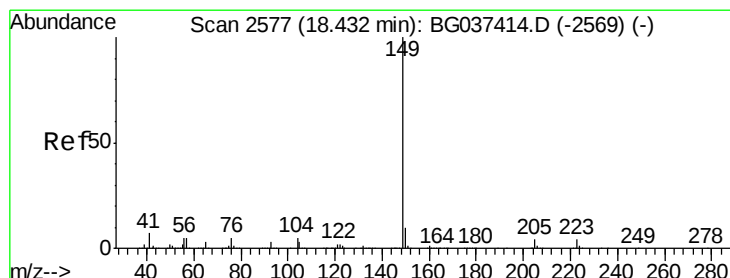
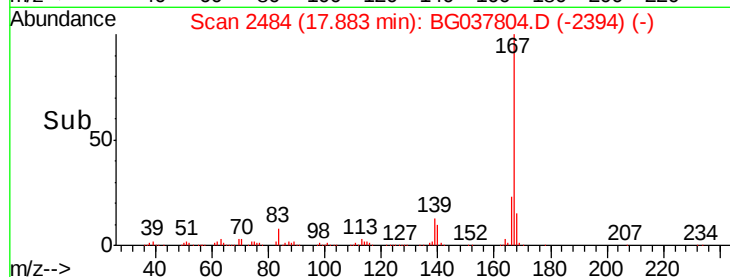
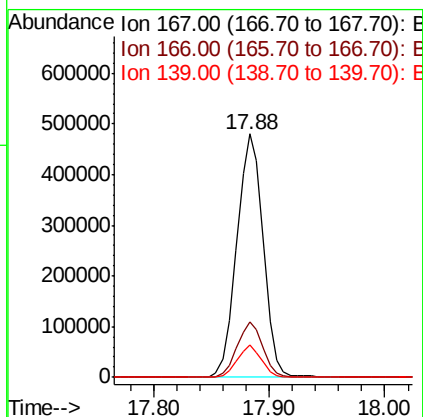
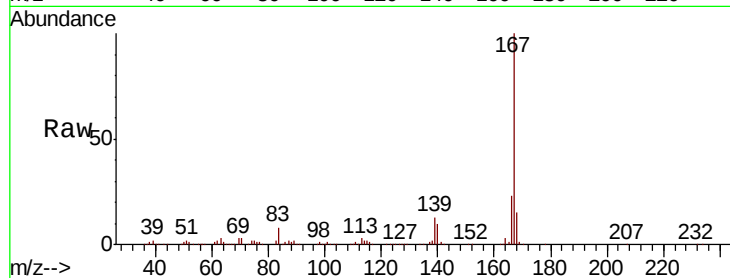




#73
 Carbazole
 Concen: 40.020 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

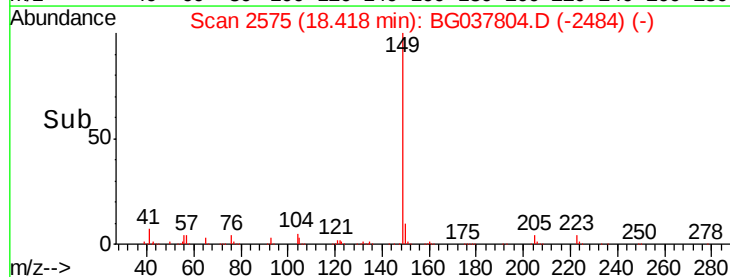
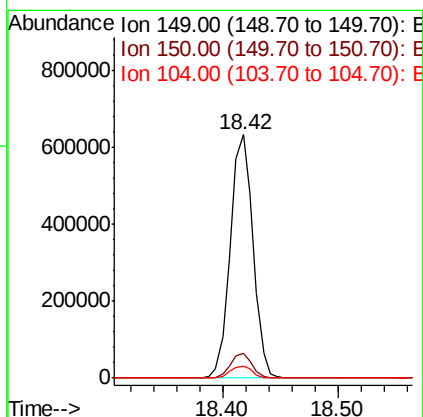
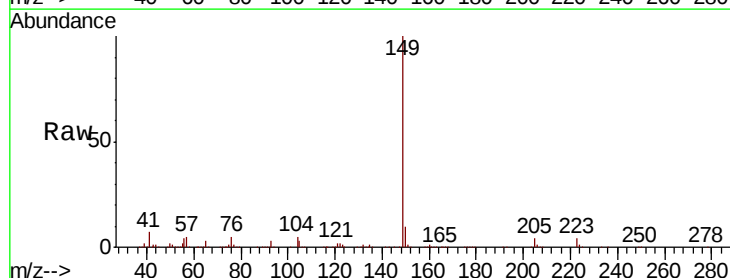
Instrument :
 BNA_G
 ClientSampleId :

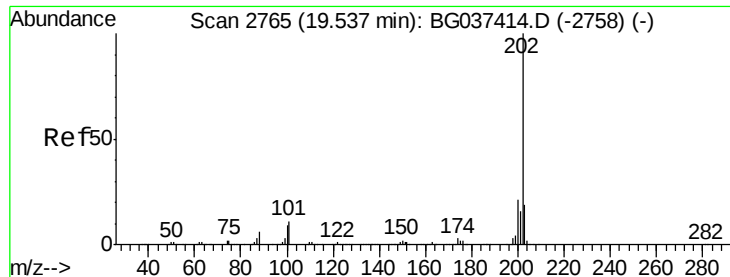
Tot Ion:167 Resp: 755628
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.3 27.5
 139 13.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 40.895 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BG037804.D
 Acq: 5 Nov 2018 15:49

Tgt Ion:149 Resp: 858947
 Ion Ratio Lower Upper
 149 100
 150 9.9 8.2 12.2
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 39.940 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

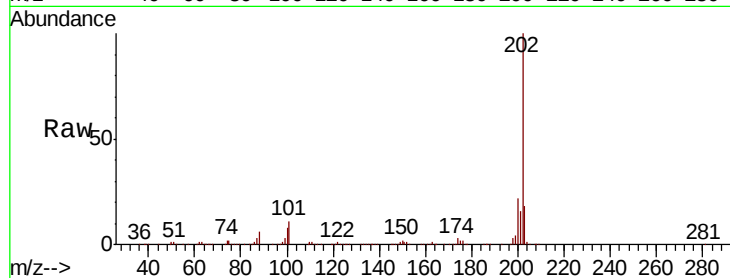
Tot Ion:202 Resp: 871293

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.7

203 18.5 0.0 38.5

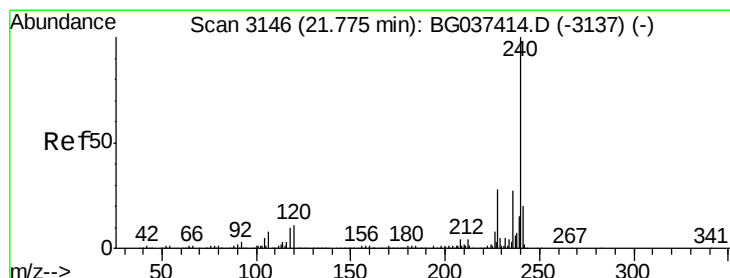
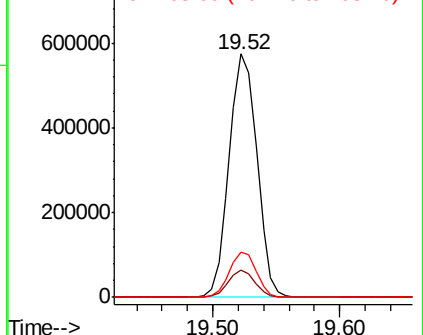
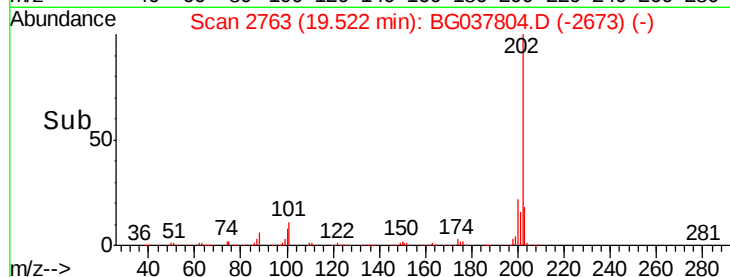


Abundance

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. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

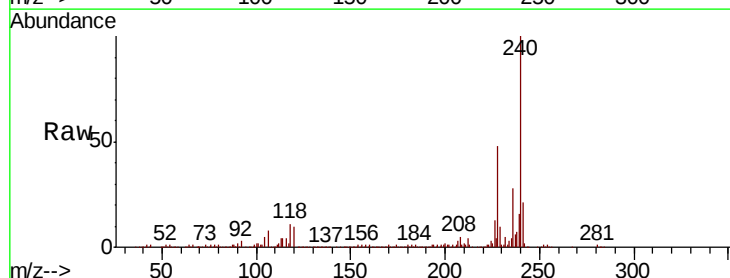
Tgt Ion:240 Resp: 337385

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

236 27.5 21.4 32.0

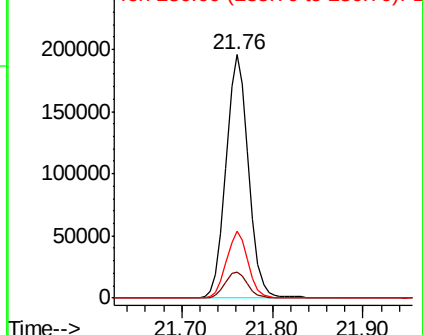
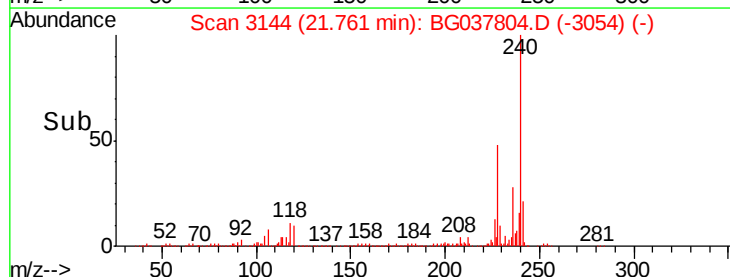


Abundance

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: 28.486 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

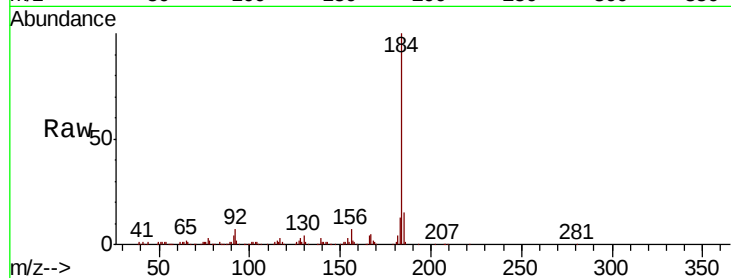
Tot Ion:184 Resp: 326794

Ion Ratio Lower Upper

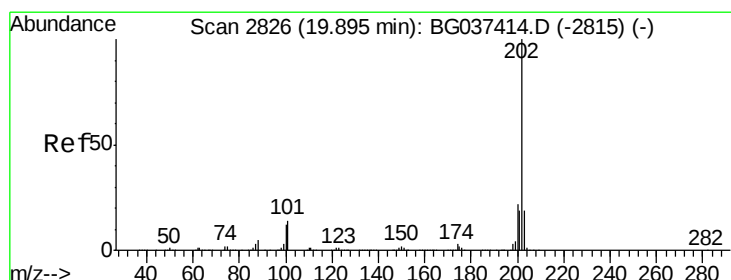
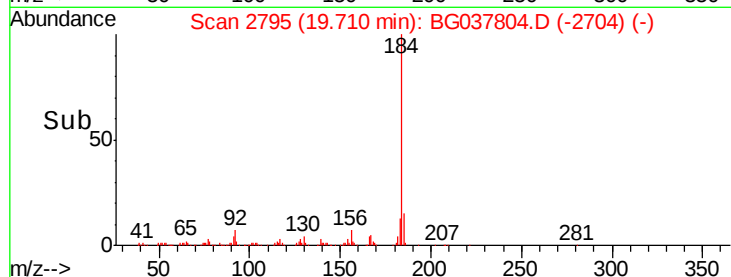
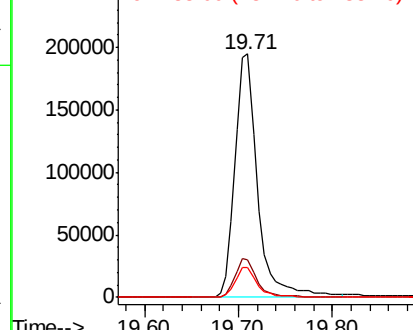
184 100

185 15.3 12.6 18.8

183 12.5 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.176 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

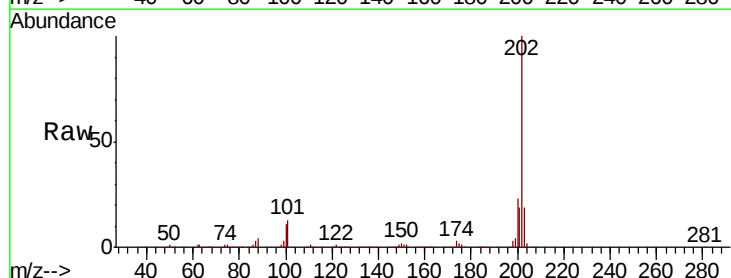
Tgt Ion:202 Resp: 886096

Ion Ratio Lower Upper

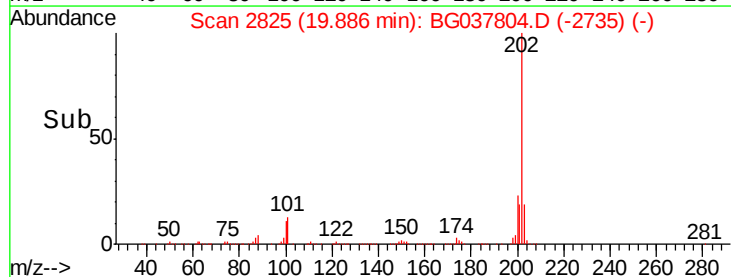
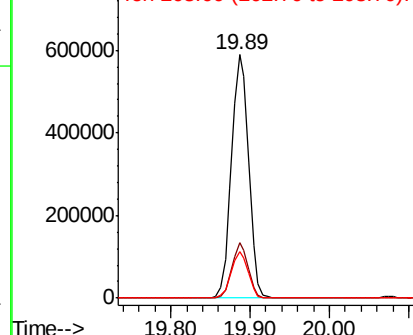
202 100

200 22.5 17.8 26.6

203 19.3 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.564 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

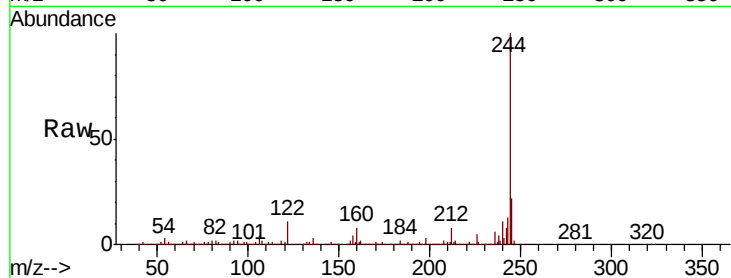
Tot Ion:244 Resp: 1272063

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

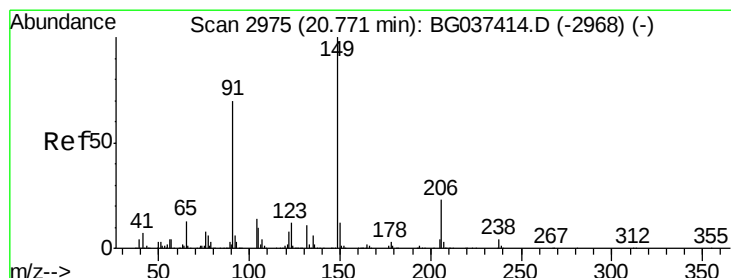
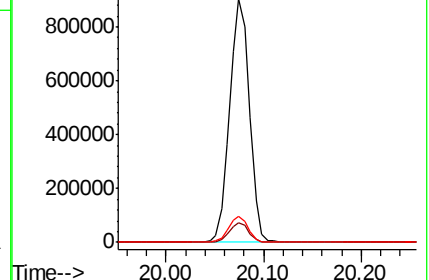
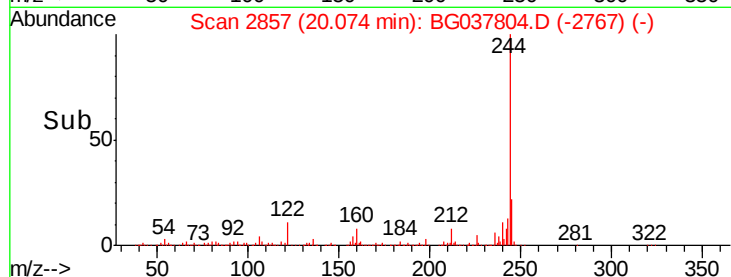
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.079 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

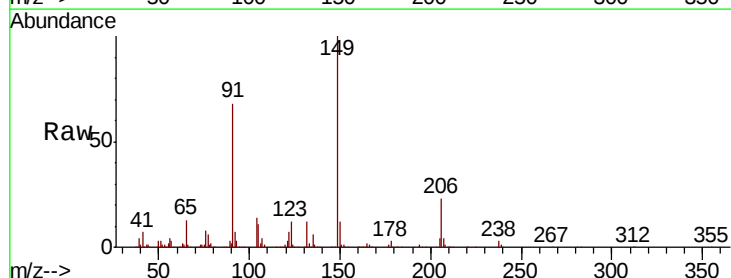
Tgt Ion:149 Resp: 379823

Ion Ratio Lower Upper

149 100

91 67.8 57.0 85.4

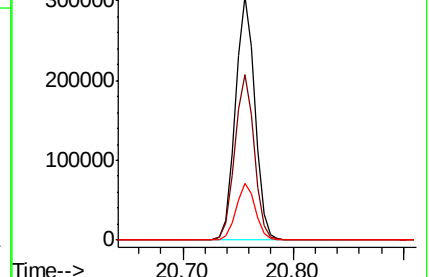
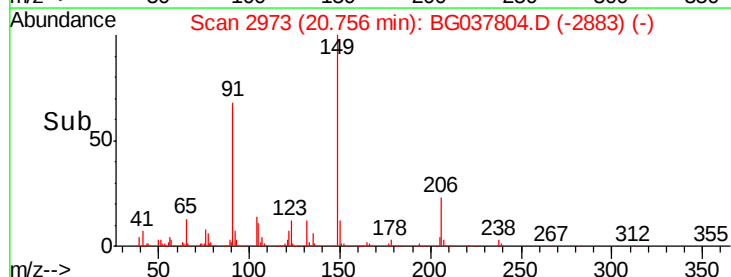
206 23.3 17.8 26.6

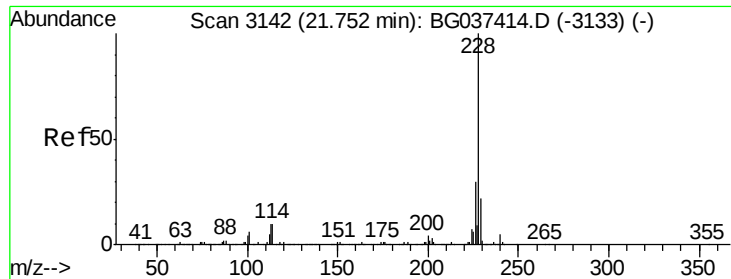


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.480 ng

RT: 21.74 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

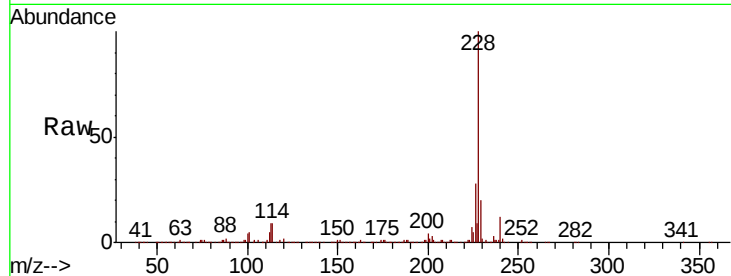
Tot Ion:228 Resp: 807813

Ion Ratio Lower Upper

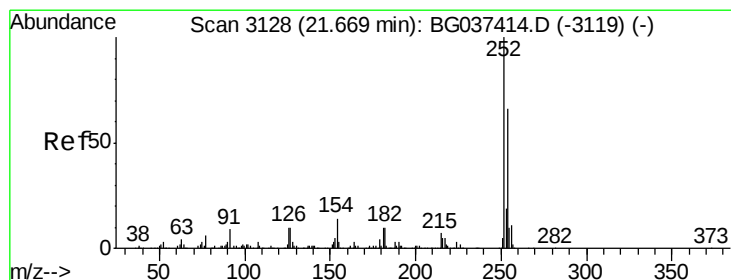
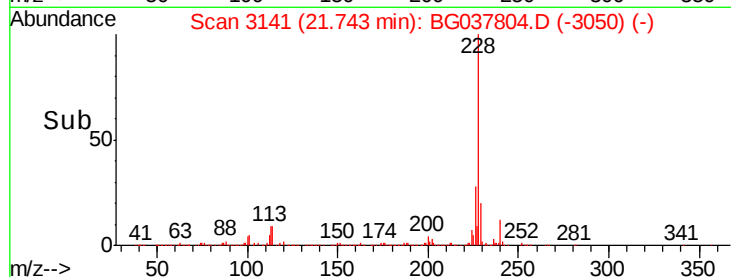
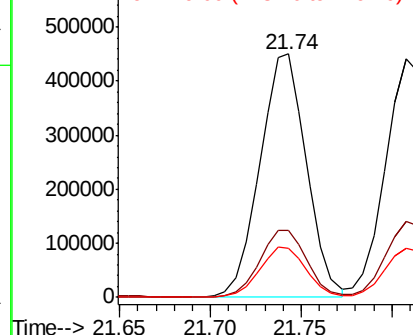
228 100

226 27.7 22.6 33.8

229 20.4 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: 39.815 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

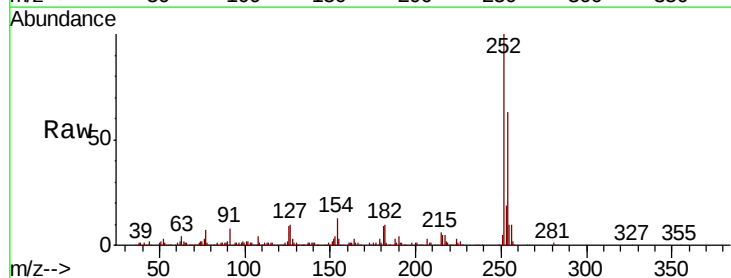
Tgt Ion:252 Resp: 307976

Ion Ratio Lower Upper

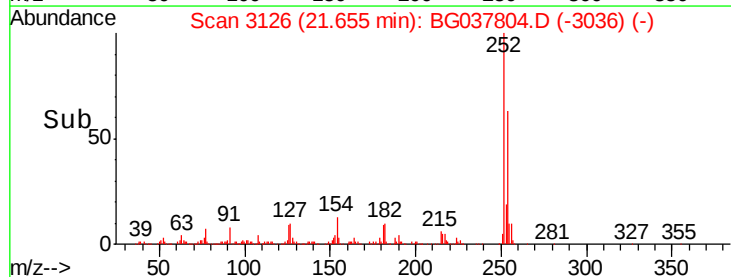
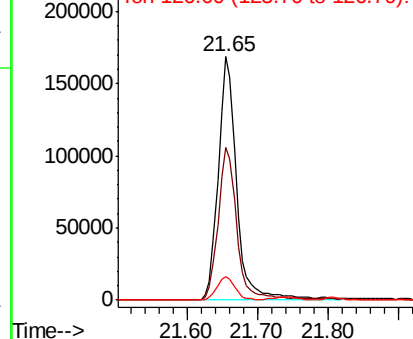
252 100

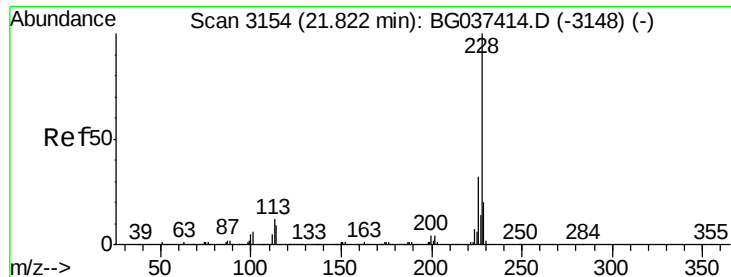
254 62.6 52.0 78.0

126 9.4 8.2 12.4



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





#83

Chrysene

Concen: 40.575 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

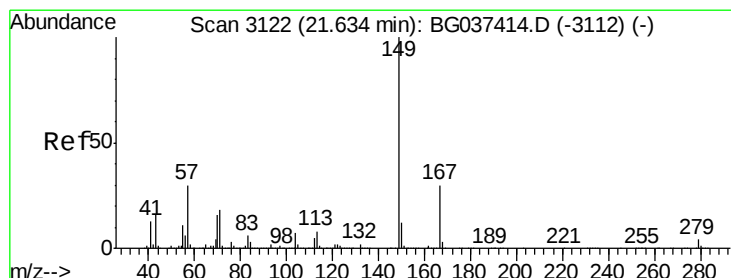
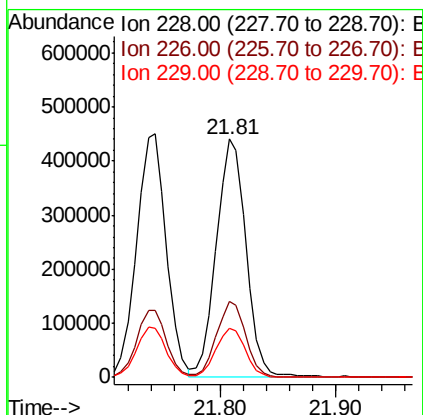
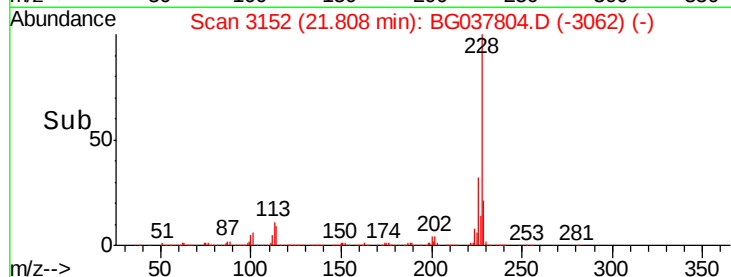
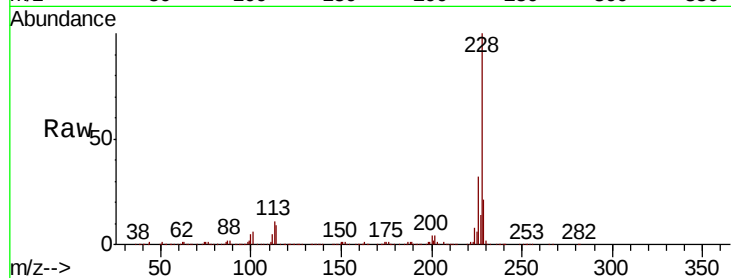
Tot Ion:228 Resp: 778598

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

229 20.6 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.769 ng

RT: 21.61 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

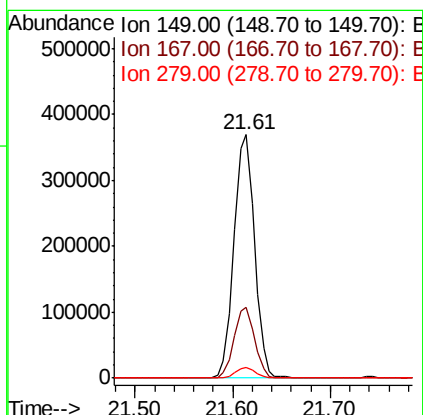
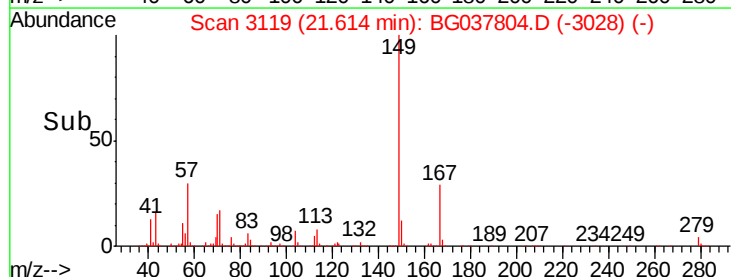
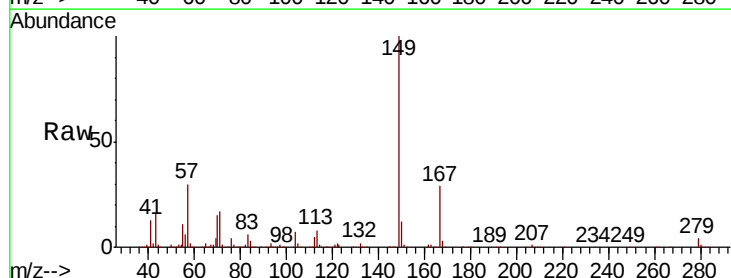
Tgt Ion:149 Resp: 541135

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.4

279 4.3 3.6 5.4

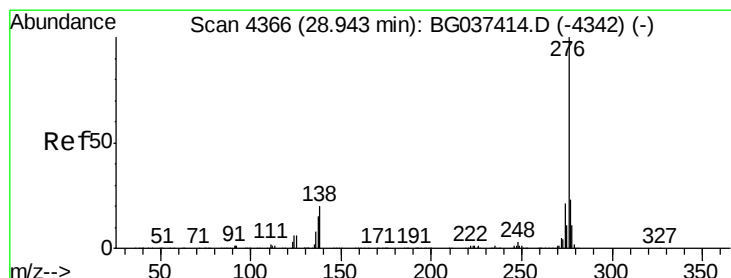
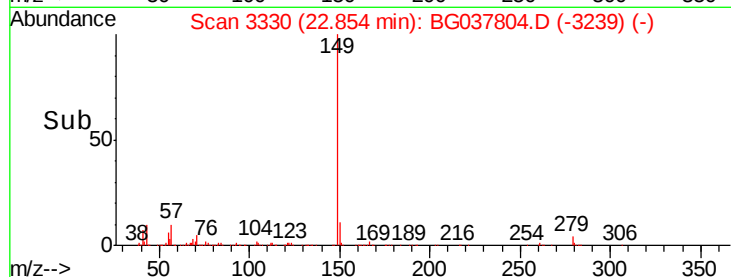
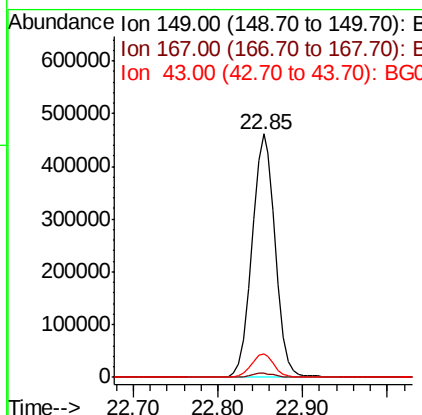
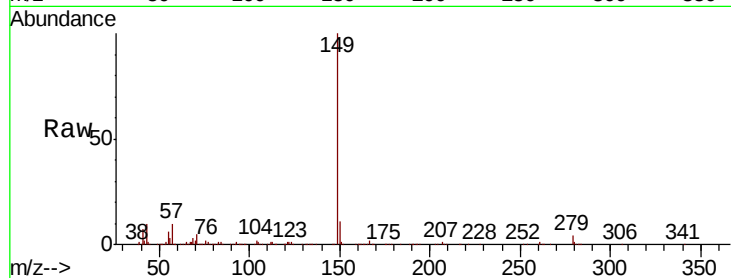




#85
Di-n-octyl phthalate
Concen: 42.822 ng
RT: 22.85 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

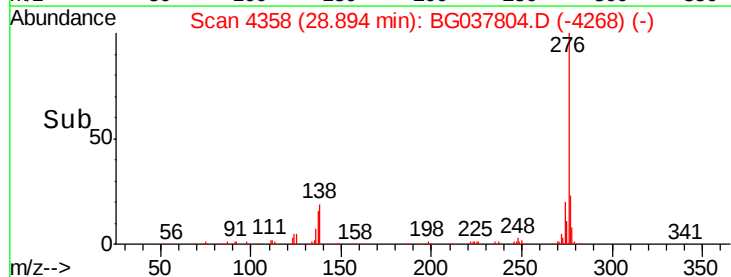
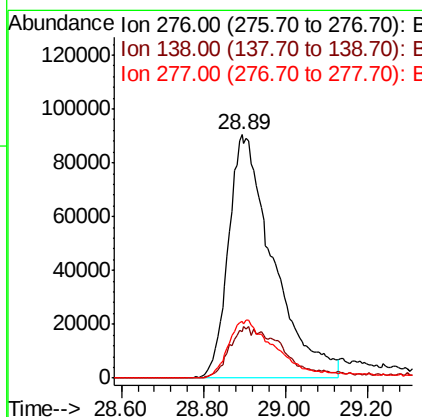
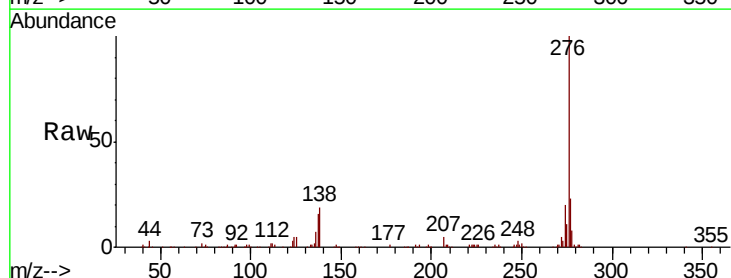
Instrument :
BNA_G
ClientSampleId :

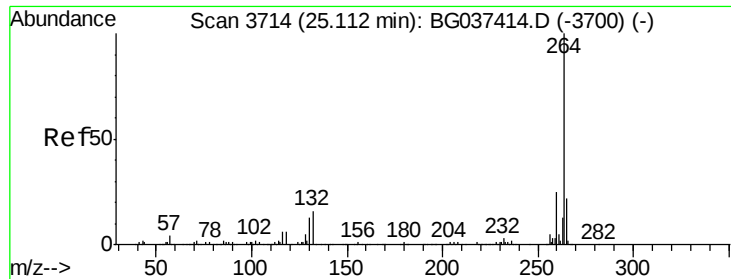
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.7	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.283 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	12.0	18.0#
277	24.7	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

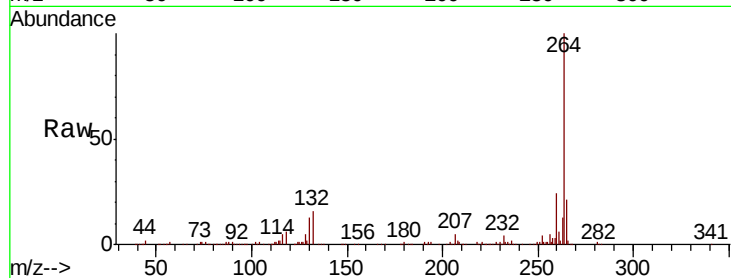
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 349868

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.3	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

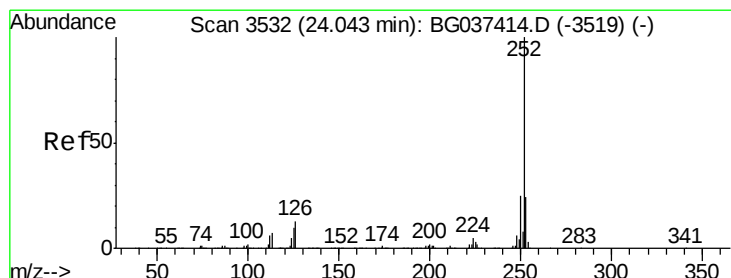
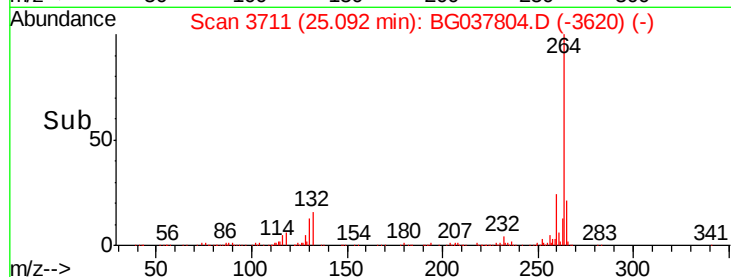
25.09

100000

50000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 39.667 ng

RT: 24.02 min Scan# 3529

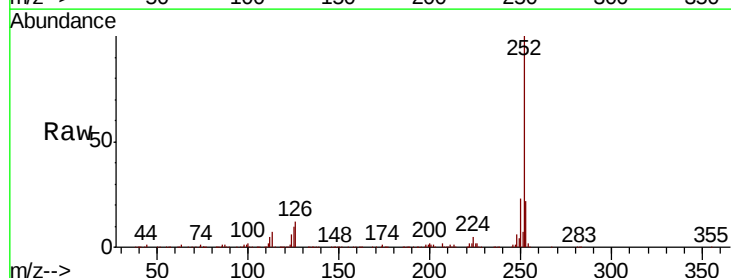
Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Tgt Ion:252 Resp: 760850

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.1	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

24.02

400000

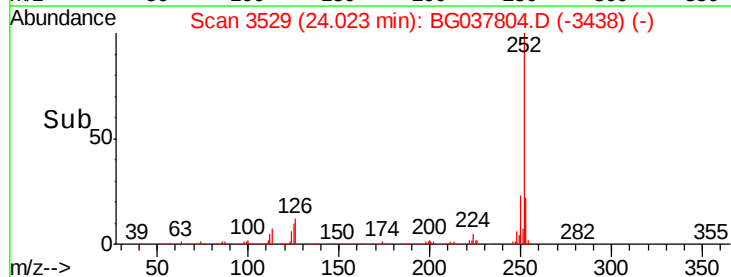
300000

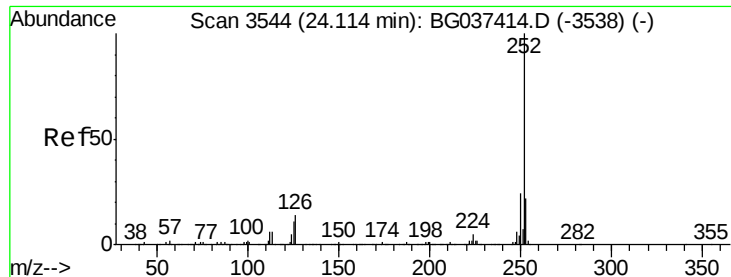
200000

100000

0

Time-->





#89

Benzo(k)fluoranthene

Concen: 41.154 ng

RT: 24.09 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

Instrument :

BNA_G

ClientSampleId :

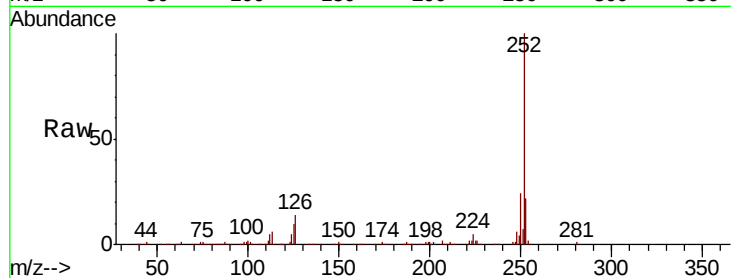
Tot Ion:252 Resp: 773380

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

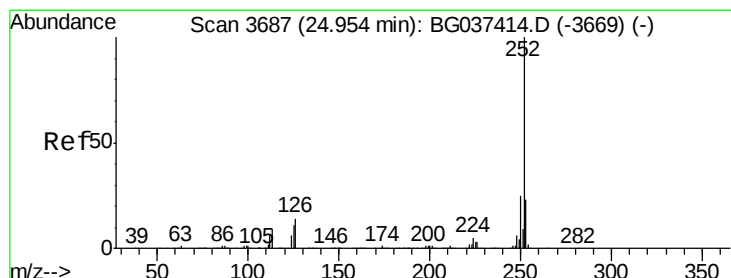
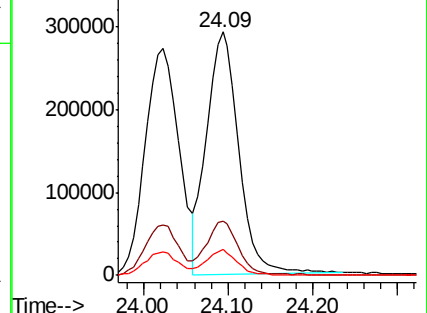
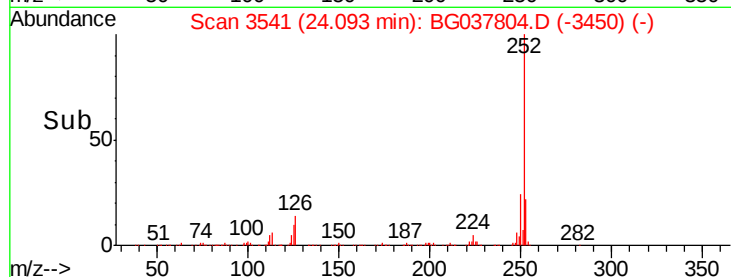
125 10.4 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.956 ng

RT: 24.93 min Scan# 3684

Delta R.T. 0.00 min

Lab File: BG037804.D

Acq: 5 Nov 2018 15:49

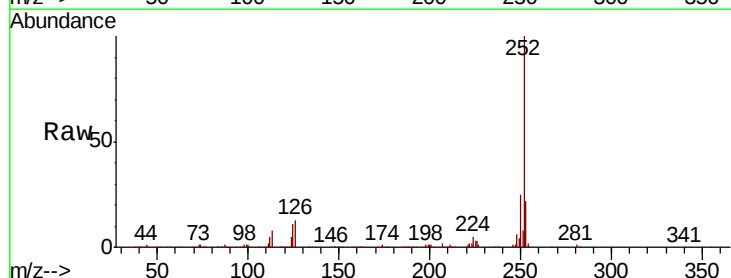
Tgt Ion:252 Resp: 728259

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

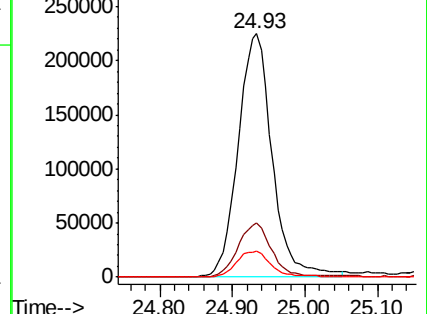
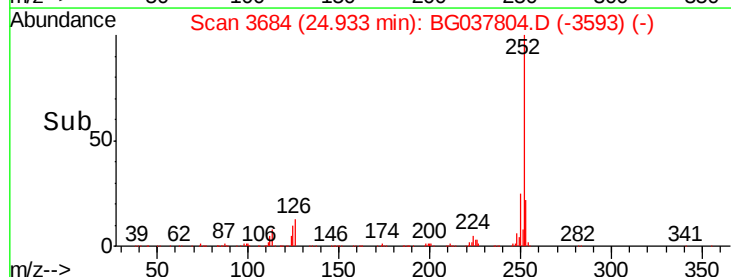
125 10.5 9.0 13.6

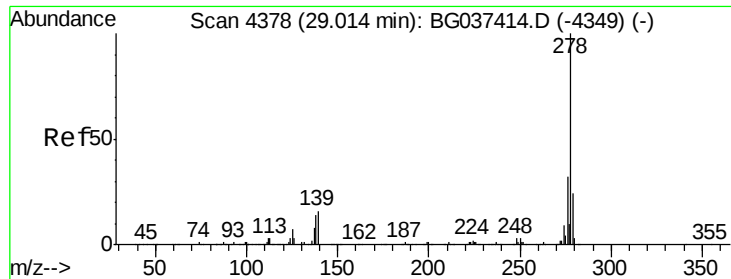


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

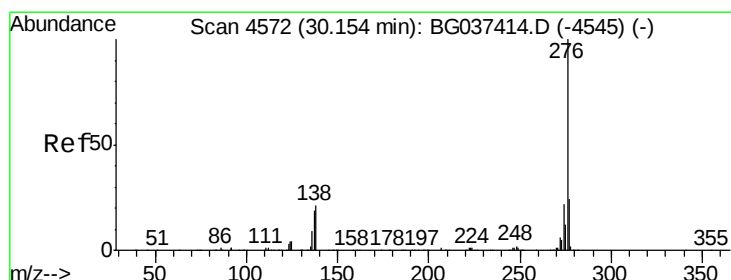
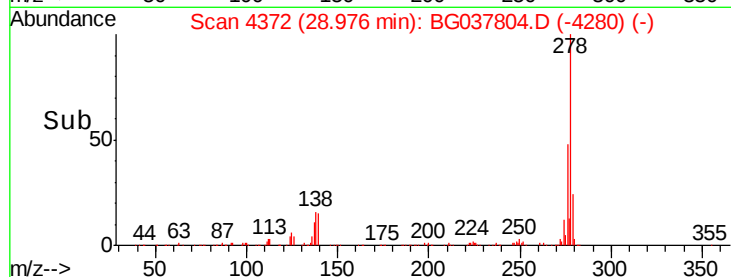
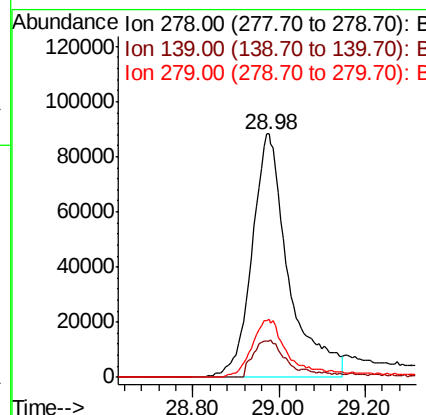
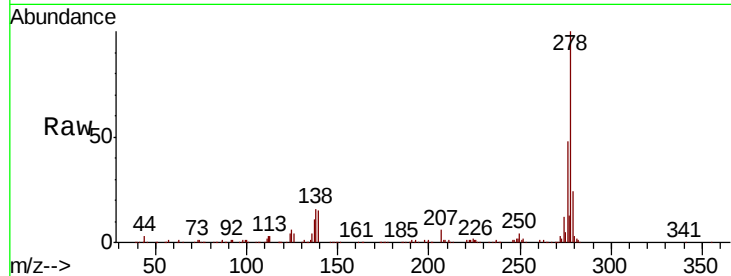




#91
Dibenzo(a,h)anthracene
Concen: 31.537 ng
RT: 28.98 min Scan# 4372
Delta R.T. 0.01 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	23.8	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 33.445 ng
RT: 30.10 min Scan# 4563
Delta R.T. -0.00 min
Lab File: BG037804.D
Acq: 5 Nov 2018 15:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.0	17.2	25.8

