

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037418.D
 Acq On : 18 Oct 2018 14:03
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 18 14:40:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61854	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	283527	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	184164	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	430319	20.00	ng	0.00
76) Chrysene-d12	21.78	240	383662	20.00	ng	0.00
87) Perylene-d12	25.11	264	398669	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	297548	80.42	ng	0.00
7) Phenol-d6	7.25	99	443880	79.34	ng	0.00
23) Nitrobenzene-d5	9.29	82	414400	81.88	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	168707	83.99	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	975291	79.86	ng	0.00
79) Terphenyl-d14	20.09	244	1439564	80.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	72402	38.589	ng	99
3) Pyridine	3.94	79	189939	40.165	ng	95
4) n-Nitrosodimethylamine	3.86	42	67993	40.367	ng	# 88
6) Aniline	7.44	93	276036	40.446	ng	97
8) 2-Chlorophenol	7.66	128	172063	39.755	ng	100
9) Benzaldehyde	7.25	77	138348	39.533	ng	98
10) Phenol	7.28	94	236520	40.070	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	176514	39.373	ng	96
12) 1,3-Dichlorobenzene	8.00	146	189820	39.395	ng	97
13) 1,4-Dichlorobenzene	8.15	146	190639	38.679	ng	100
14) 1,2-Dichlorobenzene	8.46	146	186042	39.240	ng	98
15) Benzyl Alcohol	8.35	79	170139	41.159	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	319331	39.809	ng	97
17) 2-Methylphenol	8.54	107	156840	40.191	ng	98
18) Hexachloroethane	9.20	117	67183	39.983	ng	92
19) n-Nitroso-di-n-propylamine	8.92	70	155627	40.397	ng	93
20) 3+4-Methylphenols	8.87	107	222263	39.836	ng	99
22) Acetophenone	8.94	105	284810	40.054	ng	97
24) Nitrobenzene	9.33	77	216454	41.167	ng	96
25) Isophorone	9.85	82	383594	41.480	ng	96
26) 2-Nitrophenol	10.04	139	105260	44.439	ng	95
27) 2,4-Dimethylphenol	10.08	122	170053	40.210	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	246044	40.608	ng	98
29) 2,4-Dichlorophenol	10.57	162	189521	40.248	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	205636	40.158	ng	97
31) Naphthalene	10.98	128	554316	39.804	ng	99
32) Benzoic acid	10.20	122	139543	50.801	ng	96
33) 4-Chloroaniline	11.10	127	261823	40.014	ng	96
34) Hexachlorobutadiene	11.25	225	123314	40.632	ng	97
35) Caprolactam	11.88	113	80530	42.642	ng	93
36) 4-Chloro-3-methylphenol	12.19	107	214727	40.435	ng	99
37) 2-Methylnaphthalene	12.58	142	406184	40.012	ng	99
38) 1-Methylnaphthalene	12.80	142	388904	39.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	243668	41.020	ng	99

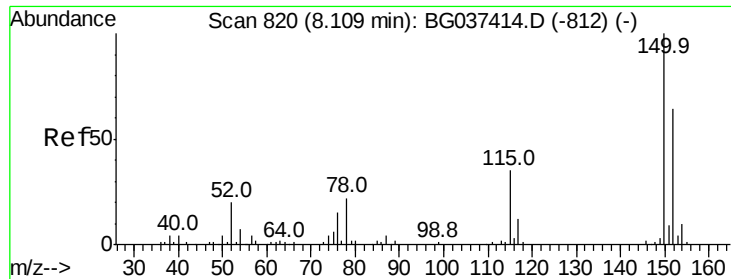
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	116777	41.155	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	165497	41.702	nq	97
44) 2,4,5-Trichlorophenol	13.25	196	180177	41.699	nq	99
46) 1,1'-Biphenyl	13.58	154	610038	39.997	nq	100
47) 2-Chloronaphthalene	13.63	162	461412	39.988	nq	99
48) 2-Nitroaniline	13.83	65	147843	42.251	nq	92
49) Acenaphthylene	14.47	152	710740	40.947	nq	99
50) Dimethylphthalate	14.20	163	575837	40.417	nq	99
51) 2,6-Dinitrotoluene	14.32	165	131355	41.676	nq	98
52) Acenaphthene	14.81	154	430628	40.284	nq	98
53) 3-Nitroaniline	14.66	138	147936	42.281	nq	97
54) 2,4-Dinitrophenol	14.86	184	44684	45.428	nq	97
55) Dibenzofuran	15.14	168	700338	39.542	nq	98
56) 4-Nitrophenol	14.94	139	111737	43.143	nq	100
57) 2,4-Dinitrotoluene	15.10	165	181254	43.810	nq	97
58) Fluorene	15.79	166	524489	39.545	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	153825	41.579	nq	100
60) Diethylphthalate	15.55	149	593195	40.555	nq	98
61) 4-Chlorophenyl-phenylether	15.78	204	305380	39.503	nq	98
62) 4-Nitroaniline	15.82	138	147832	42.520	nq	92
63) Azobenzene	16.07	77	553604	39.668	nq	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	90372	41.435	nq	98
66) n-Nitrosodiphenylamine	16.00	169	523728	40.461	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	192196	40.671	nq	98
68) Hexachlorobenzene	16.78	284	196296	40.079	nq	98
69) Atrazine	16.94	200	193196	41.282	nq	98
70) Pentachlorophenol	17.13	266	139883	42.639	nq	96
71) Phenanthrene	17.54	178	872546	39.897	nq	99
72) Anthracene	17.62	178	873861	40.716	nq	98
73) Carbazole	17.89	167	869554	40.503	nq	100
74) Di-n-butylphthalate	18.43	149	989242	41.422	nq	99
75) Fluoranthene	19.54	202	997732	40.223	nq	99
77) Benzidine	19.72	184	552376	42.342	nq	97
78) Pyrene	19.90	202	1018689	40.617	nq	99
80) Butylbenzylphthalate	20.77	149	438322	42.703	nq	98
81) Benzo(a)anthracene	21.75	228	921511	40.607	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	360756	41.013	nq	100
83) Chrysene	21.82	228	876885	40.185	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	614882	42.736	nq	100
85) Di-n-octyl phthalate	22.89	149	1007235	42.931	nq	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	959891	41.013	nq	# 96
88) Benzo(b)fluoranthene	24.05	252	879914	40.259	nq	100
89) Benzo(k)fluoranthene	24.12	252	884023	41.283	nq	97
90) Benzo(a)pyrene	24.96	252	849483	40.902	nq	98
91) Dibenzo(a,h)anthracene	29.02	278	779135	40.670	nq	98
92) Benzo(g,h,i)perylene	30.15	276	774557	39.963	nq	98

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

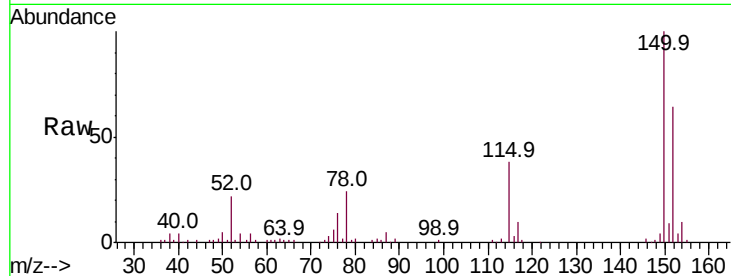


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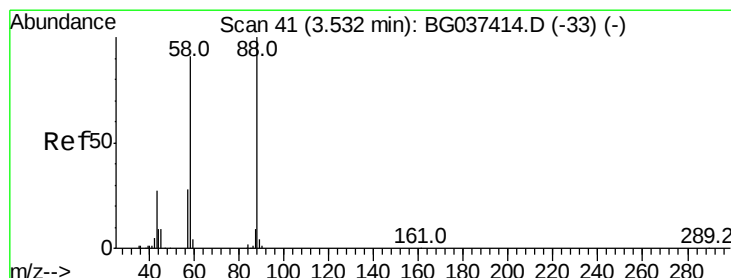
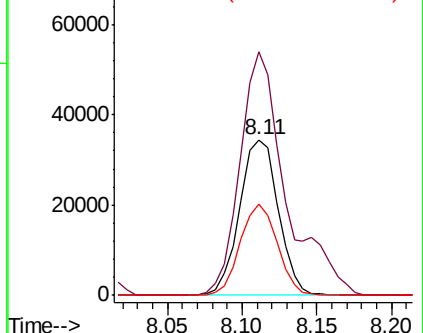
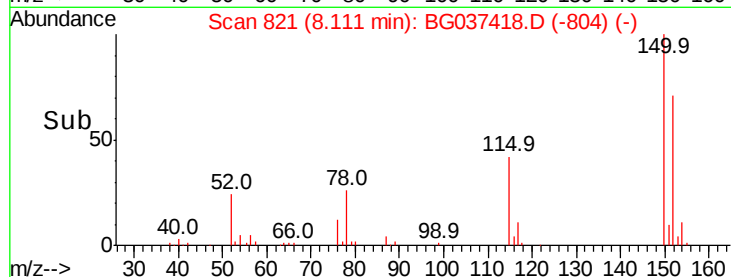
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61854
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 58.8 45.5 68.3



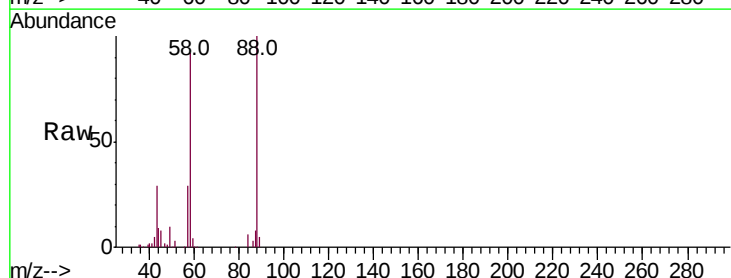
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



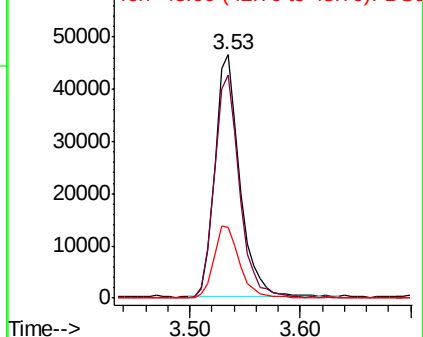
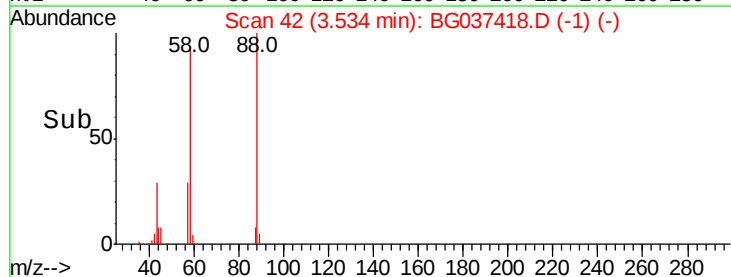
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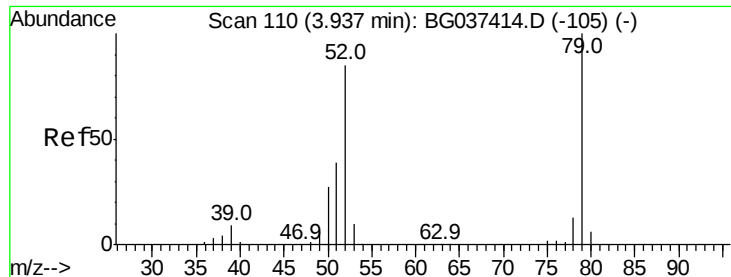
1,4-Dioxane
Concen: 38.589 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion: 88 Resp: 72402
Ion Ratio Lower Upper
88 100
58 92.8 74.4 111.6
43 30.4 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: 40.165 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampled :

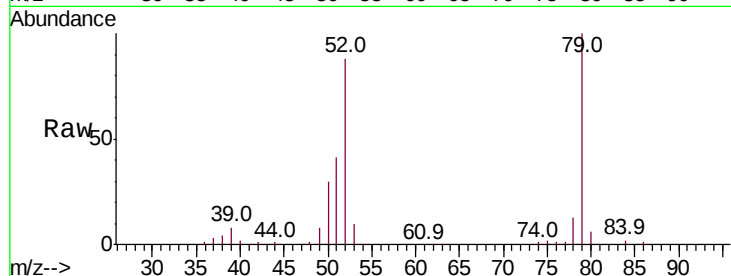
Tot Ion: 79 Resp: 189939

Ion Ratio Lower Upper

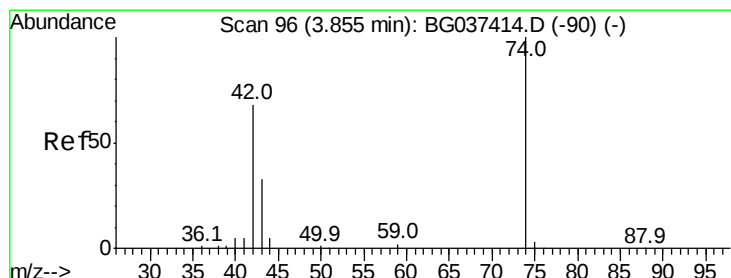
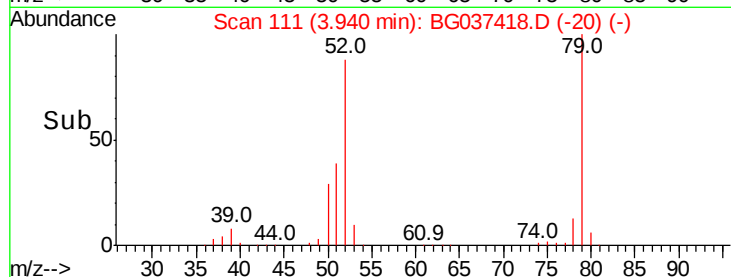
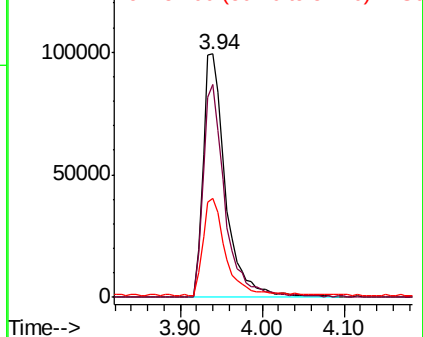
79 100

52 87.6 74.2 111.2

51 40.8 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 40.367 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

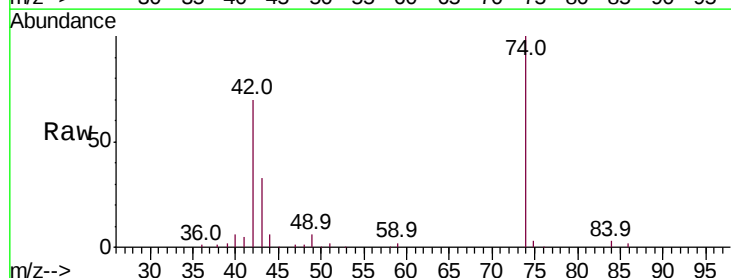
Tgt Ion: 42 Resp: 67993

Ion Ratio Lower Upper

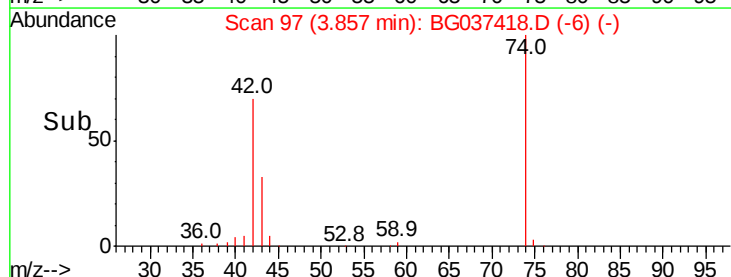
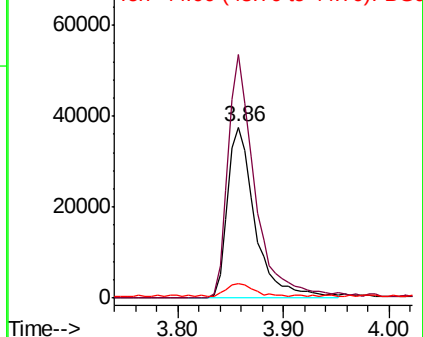
42 100

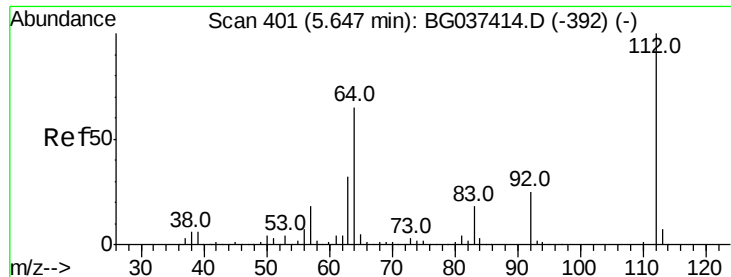
74 142.2 102.0 153.0

44 8.6 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 80.424 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

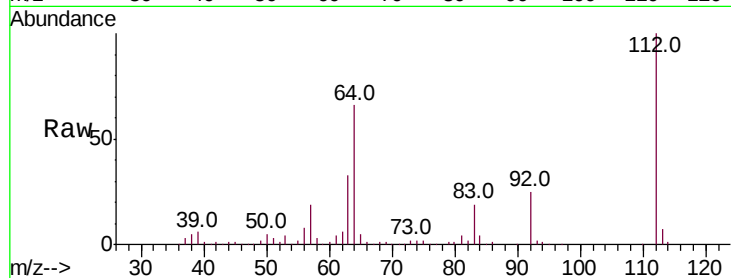
Tot Ion:112 Resp: 297548

Ion Ratio Lower Upper

112 100

64 66.5 53.1 79.7

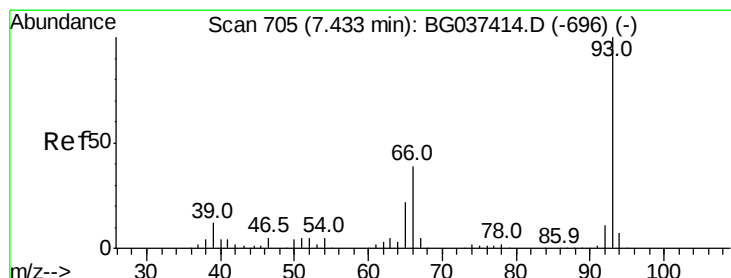
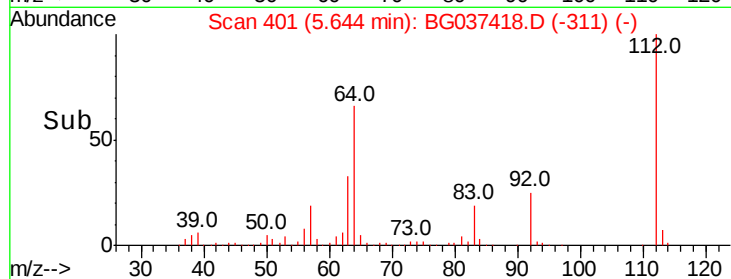
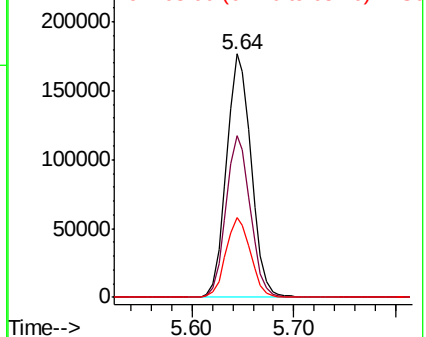
63 32.5 27.3 40.9



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: 40.446 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

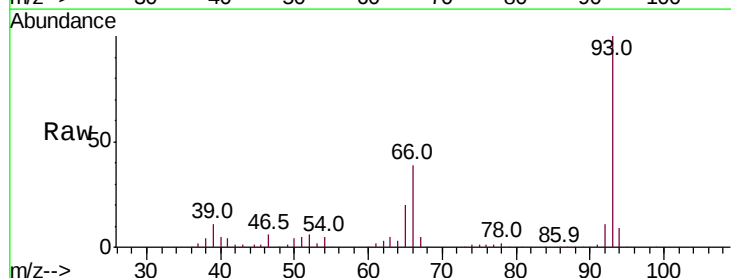
Tgt Ion: 93 Resp: 276036

Ion Ratio Lower Upper

93 100

66 38.5 32.8 49.2

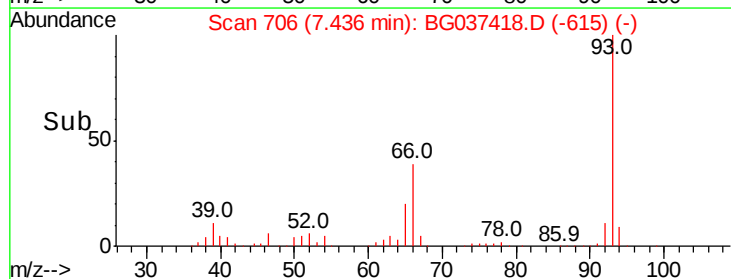
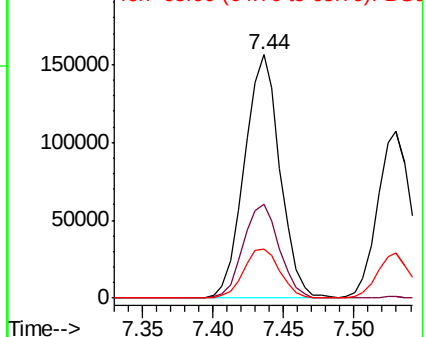
65 20.0 16.4 24.6

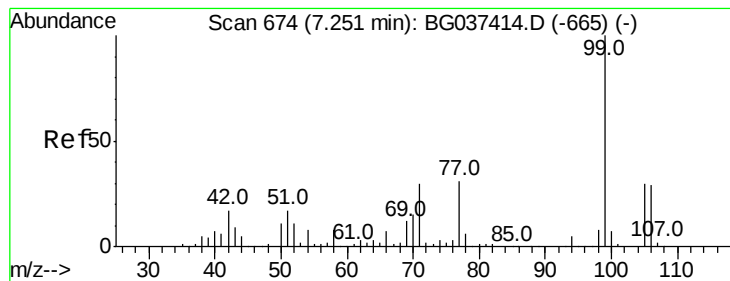


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.343 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

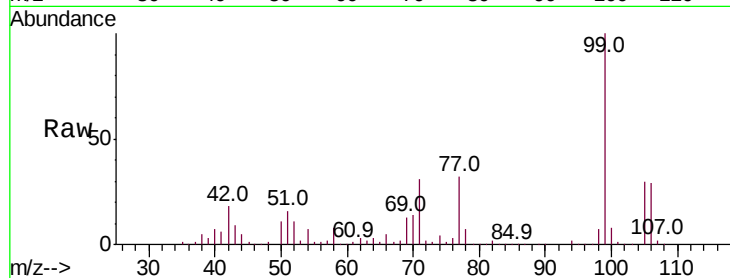
Tot Ion: 99 Resp: 443880

Ion Ratio Lower Upper

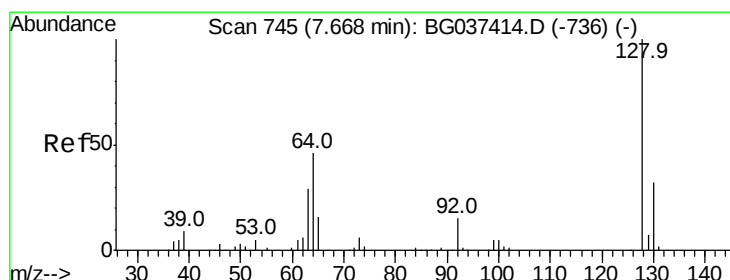
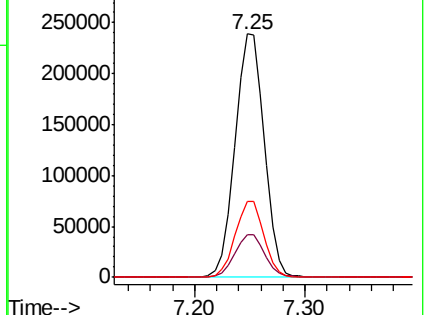
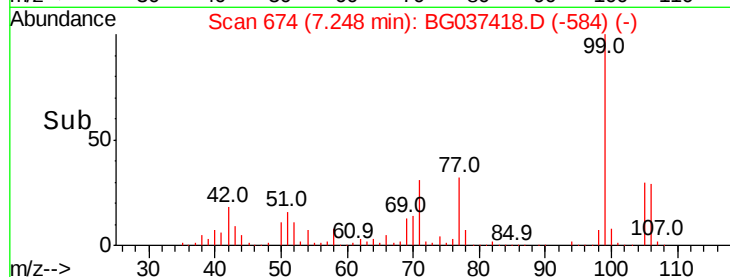
99 100

42 17.5 15.0 22.4

71 31.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 39.755 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

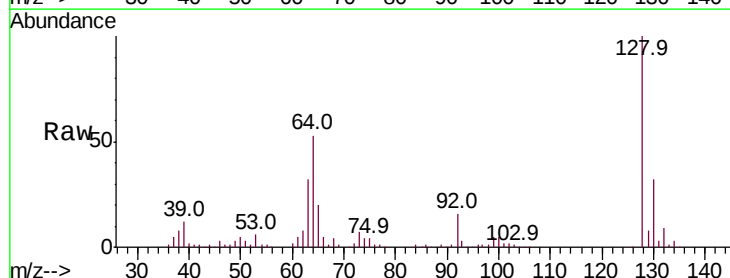
Tgt Ion: 128 Resp: 172063

Ion Ratio Lower Upper

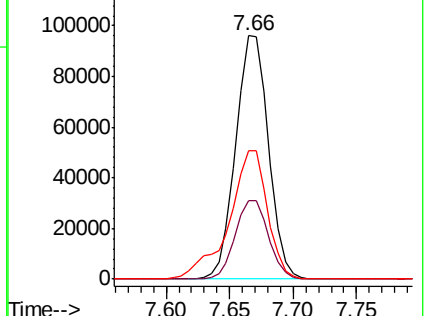
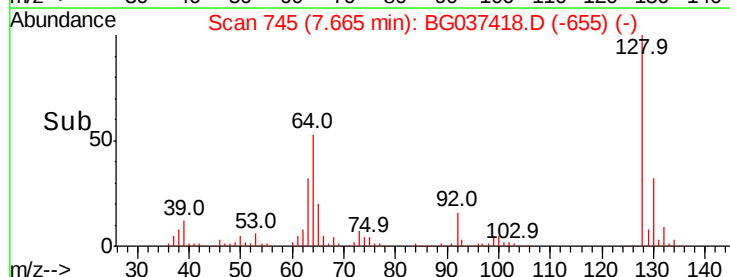
128 100

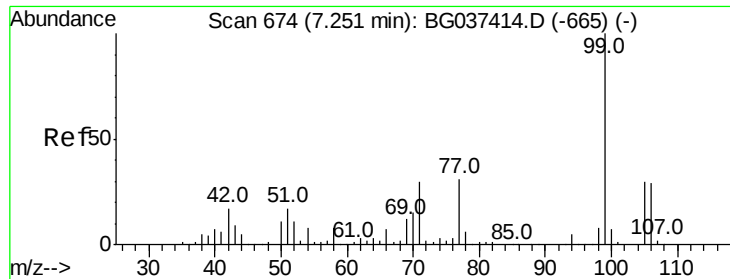
130 32.3 12.0 52.0

64 52.8 32.9 72.9



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





#9

Benzaldehyde

Concen: 39.533 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampled :

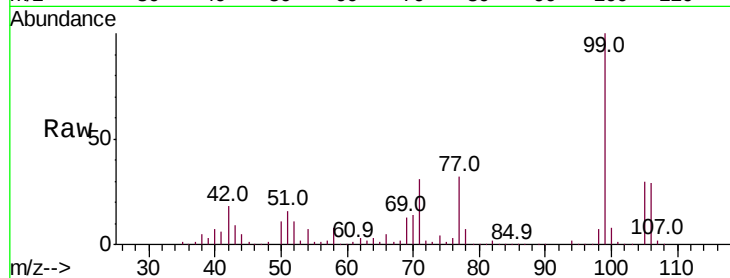
Tot Ion: 77 Resp: 138348

Ion Ratio Lower Upper

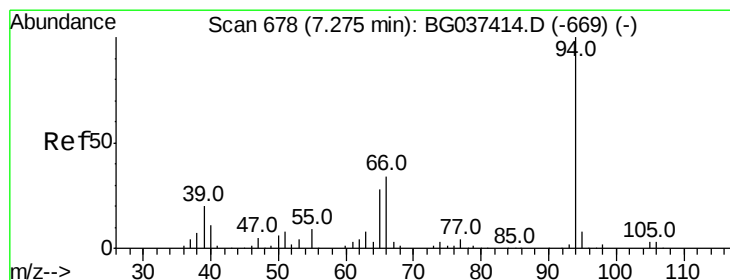
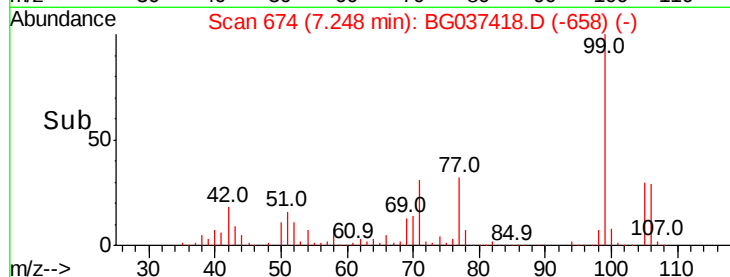
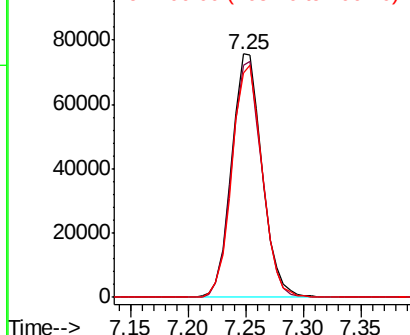
77 100

105 95.3 72.6 112.6

106 92.3 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: 40.070 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

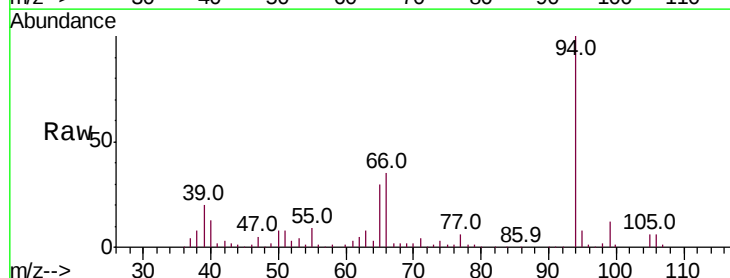
Tgt Ion: 94 Resp: 236520

Ion Ratio Lower Upper

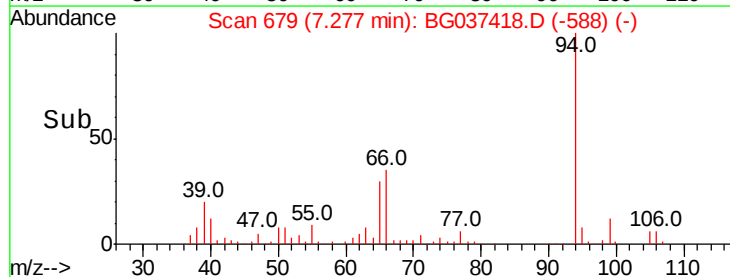
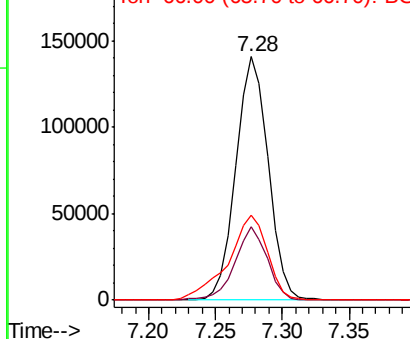
94 100

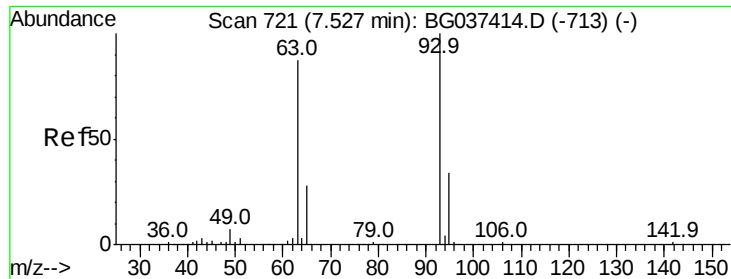
65 30.0 9.7 49.7

66 34.7 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

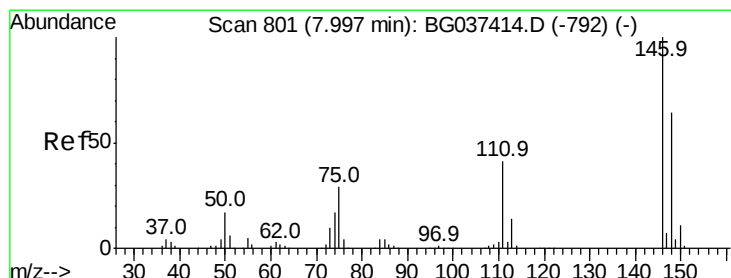
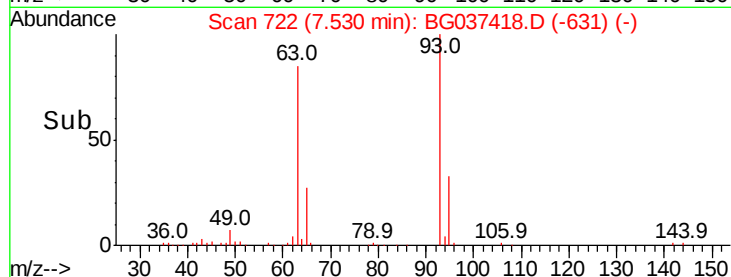
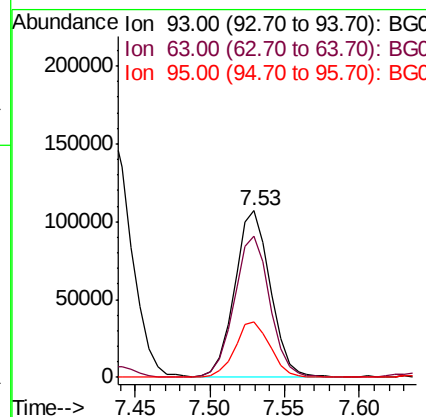
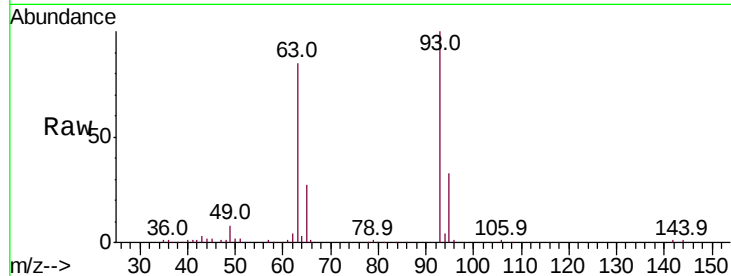




#11
bis(2-Chloroethyl)ether
Concen: 39.373 ng
RT: 7.53 min Scan# 722
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

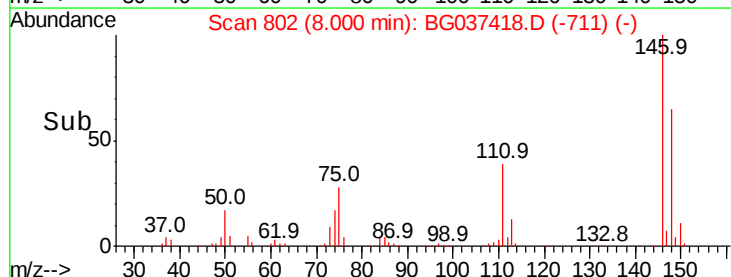
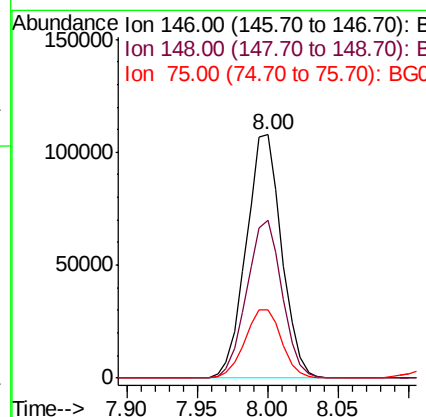
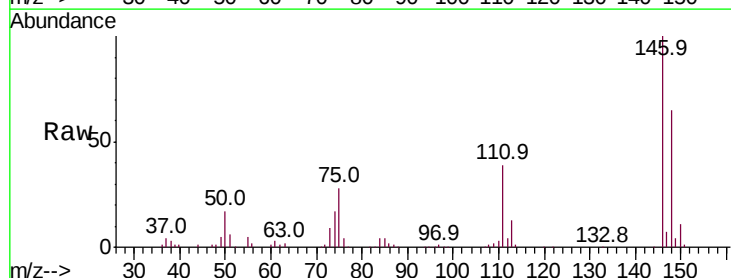
Instrument :
BNA_G
ClientSampleId :

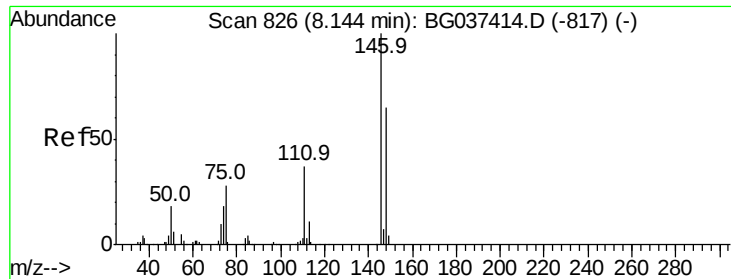
Tot Ion: 93 Resp: 176514
Ion Ratio Lower Upper
93 100
63 85.0 69.5 109.5
95 33.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.395 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:146 Resp: 189820
Ion Ratio Lower Upper
146 100
148 64.7 49.8 74.8
75 28.1 23.2 34.8

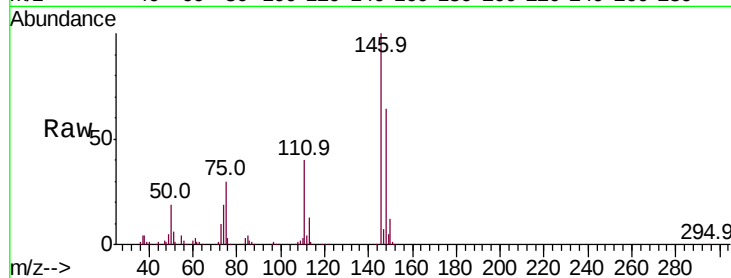




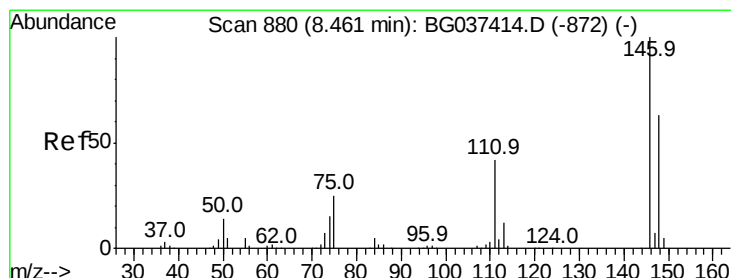
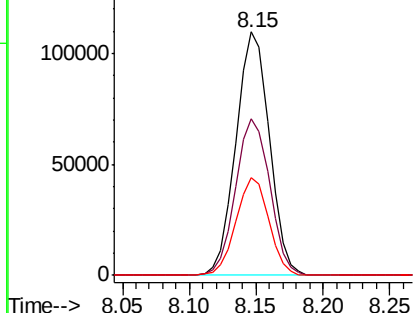
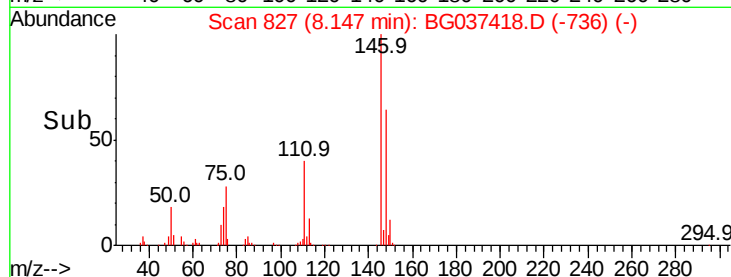
#13
1,4-Dichlorobenzene
Concen: 38.679 ng
RT: 8.15 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:146 Resp: 190639
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 40.1 32.4 48.6

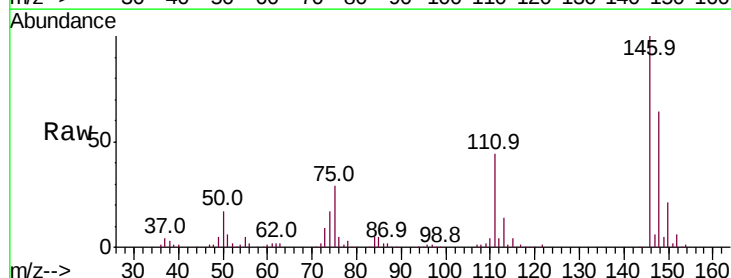


Abundance Ion 146.00 (145.70 to 146.70): E
150000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

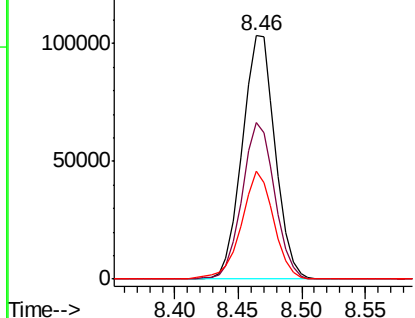
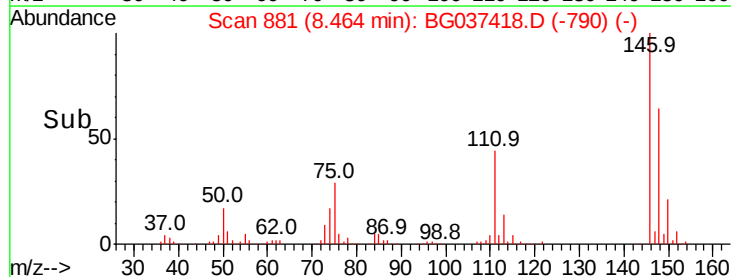


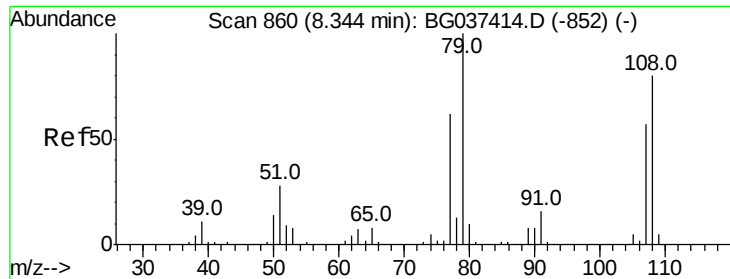
#14
1,2-Dichlorobenzene
Concen: 39.240 ng
RT: 8.46 min Scan# 881
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:146 Resp: 186042
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
111 44.1 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
150000 Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.159 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

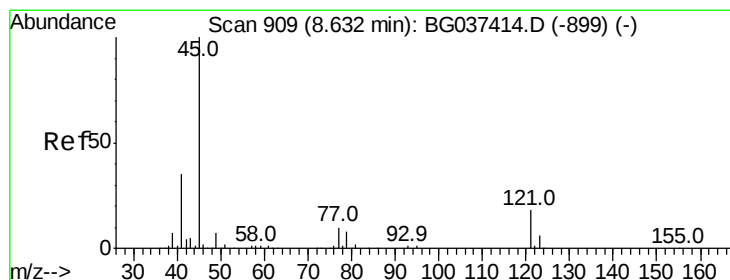
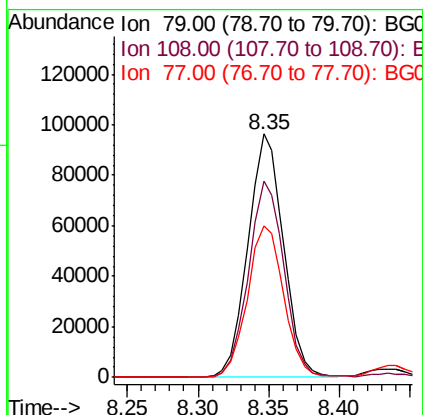
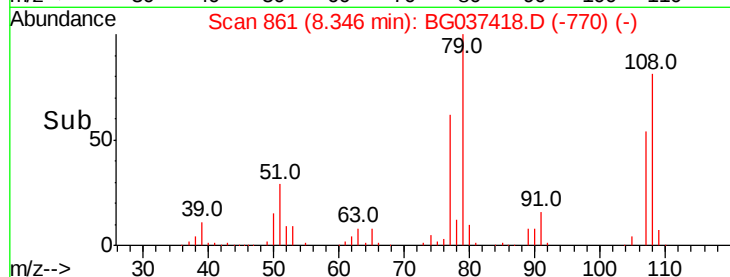
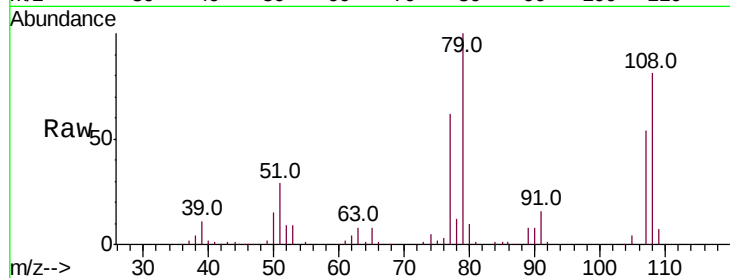
Tot Ion: 79 Resp: 170139

Ion Ratio Lower Upper

79 100

108 80.8 65.8 98.8

77 62.4 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.809 ng

RT: 8.63 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

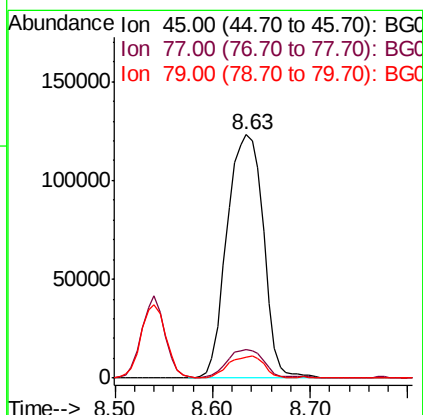
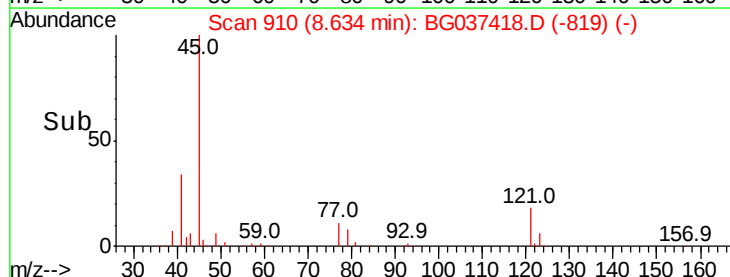
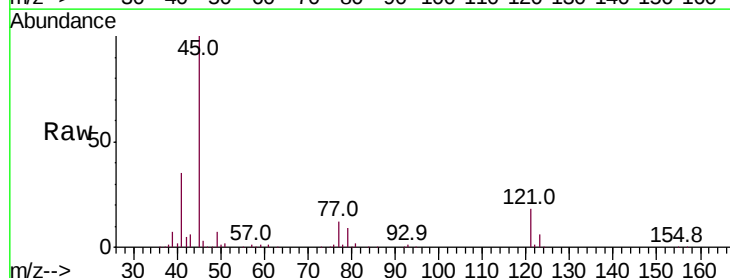
Tgt Ion: 45 Resp: 319331

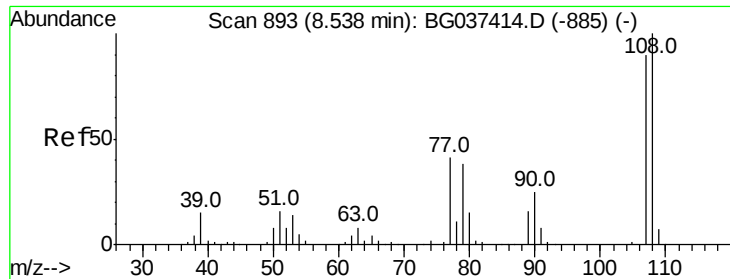
Ion Ratio Lower Upper

45 100

77 11.7 0.0 30.0

79 8.6 0.0 29.0

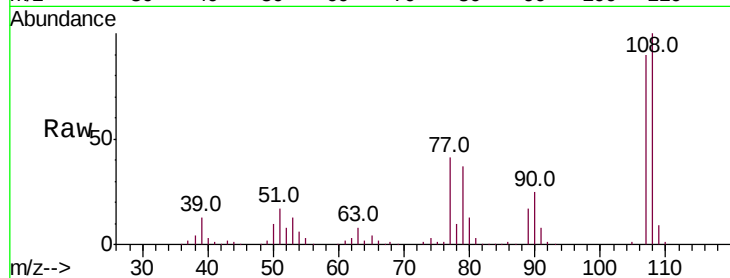




#17
2-Methylphenol
Concen: 40.191 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	156840
Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.9	131.9
77	45.2	35.1	52.7
79	40.8	34.5	51.7



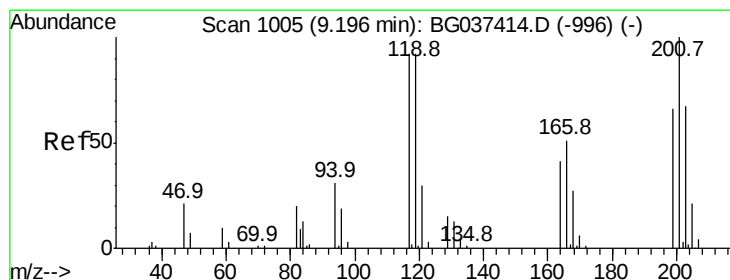
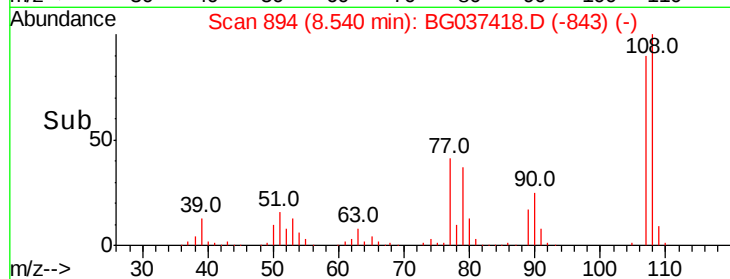
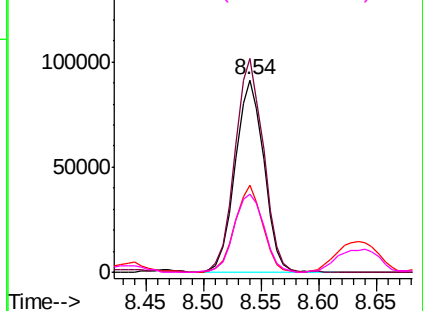
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

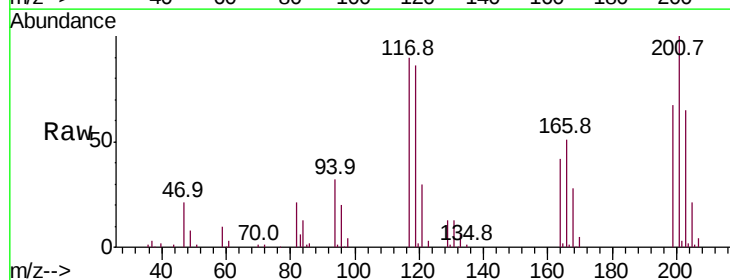
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.983 ng
RT: 9.20 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:	117	Resp:	67183
Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.6	111.8
201	113.8	80.8	121.2

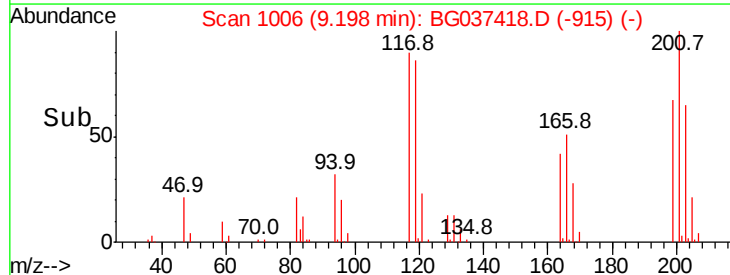
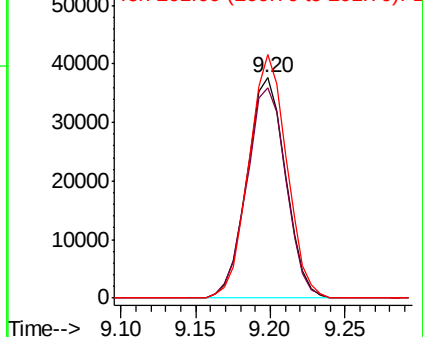


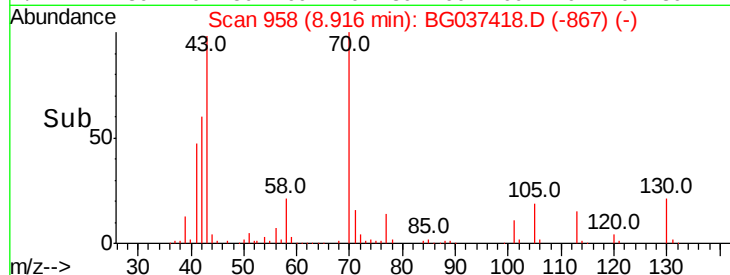
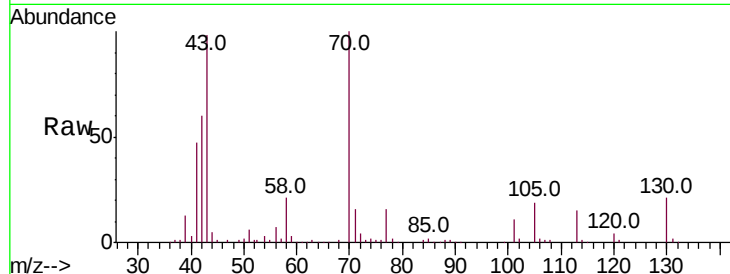
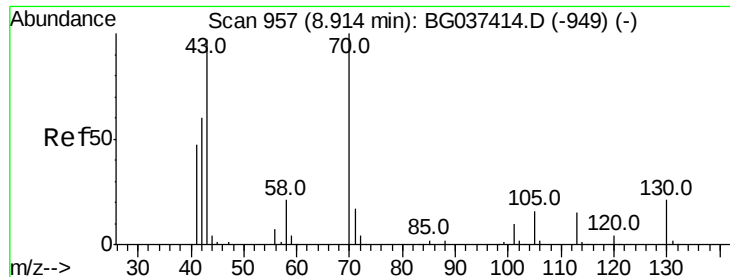
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

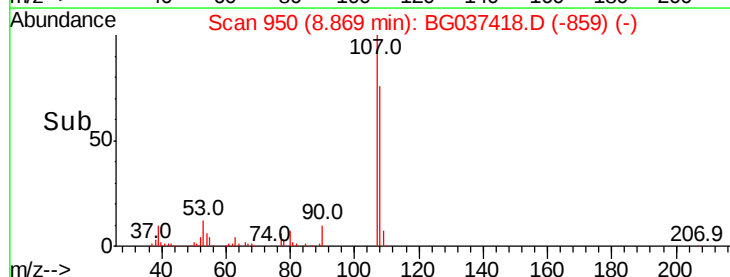
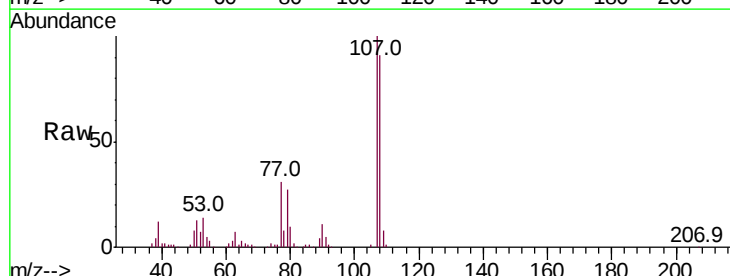
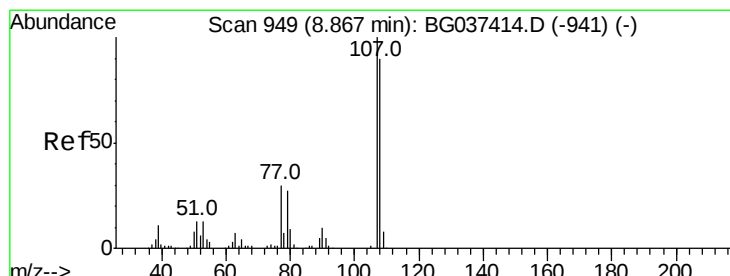
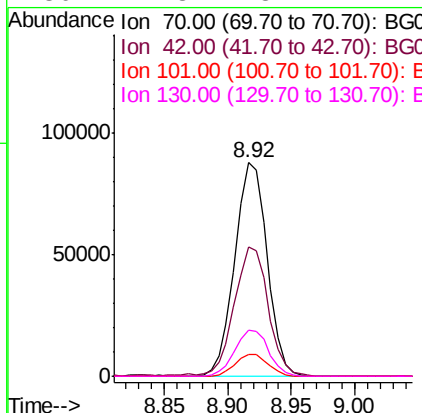




#19
n-Nitroso-di-n-propylamine
Concen: 40.397 ng
RT: 8.92 min Scan# 958
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

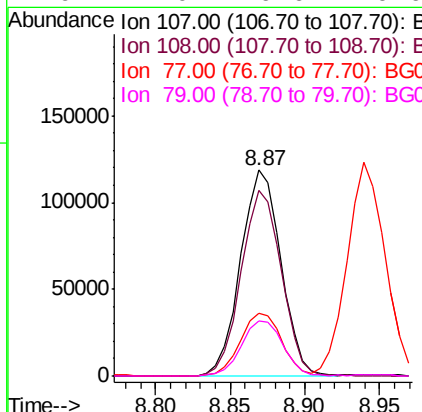
Instrument :
BNA_G
ClientSampled :

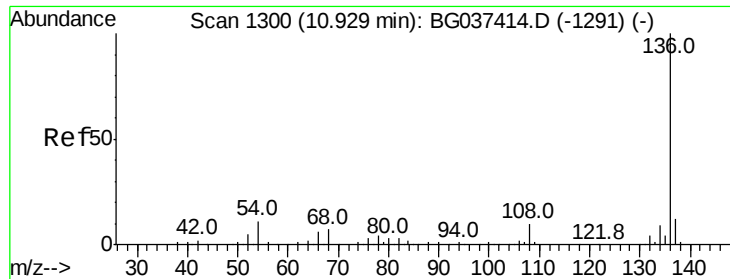
Tot Ion: 70 Resp: 155627
Ion Ratio Lower Upper
70 100
42 60.3 53.9 80.9
101 10.5 8.2 12.2
130 21.3 18.2 27.4



#20
3+4-Methylphenols
Concen: 39.836 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion: 107 Resp: 222263
Ion Ratio Lower Upper
107 100
108 90.6 69.9 109.9
77 30.7 11.2 51.2
79 27.0 6.6 46.6

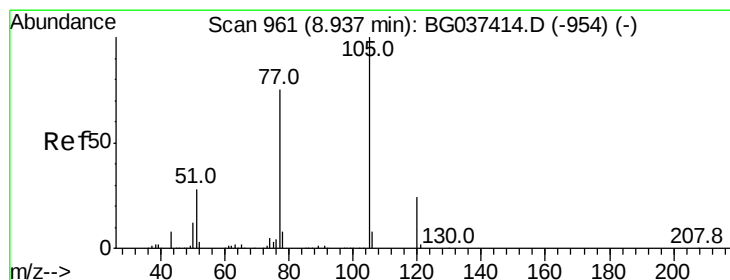
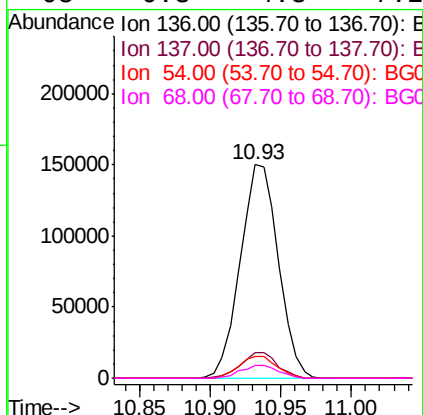
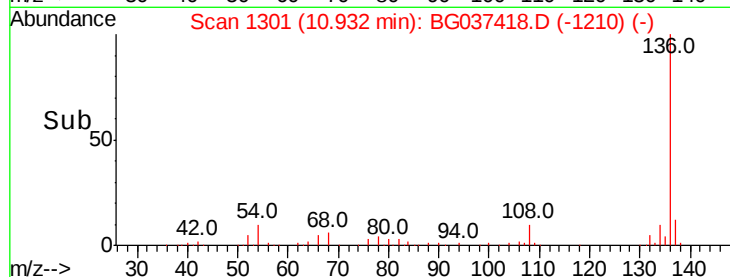
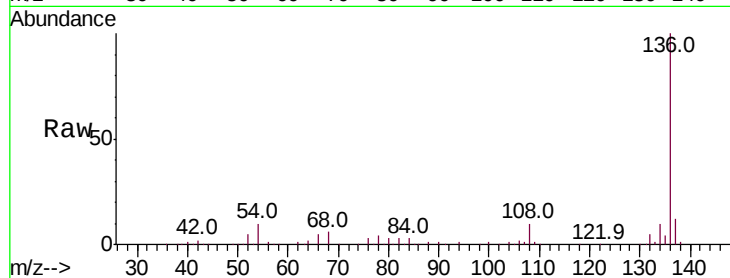




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

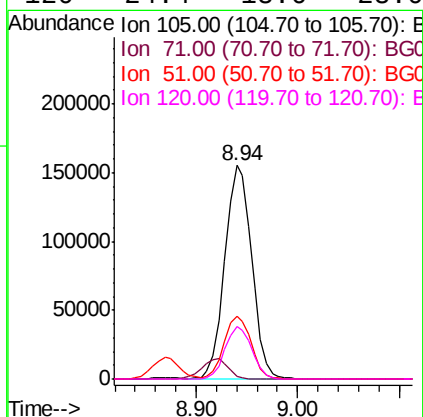
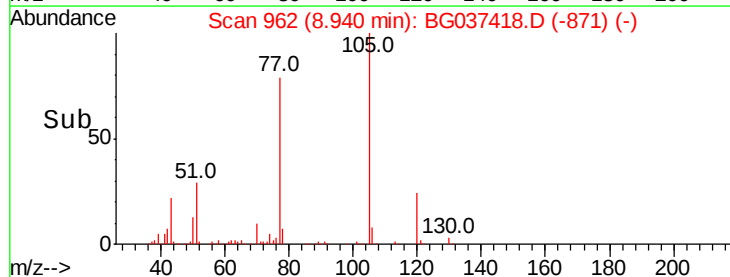
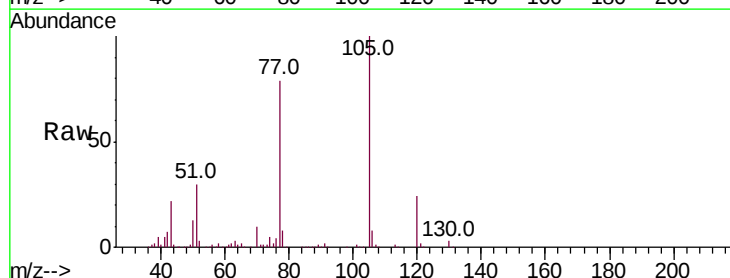
Instrument :
BNA_G
ClientSampleId :

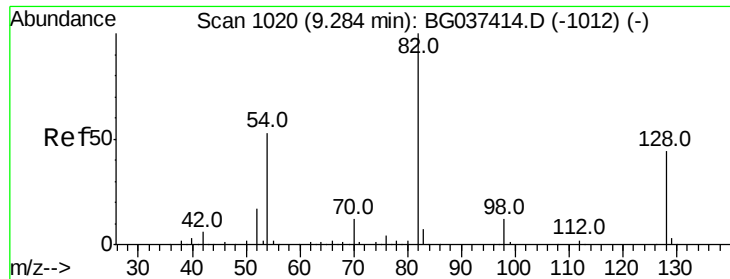
Tot Ion:136	Resp:	283527	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.6	14.4	
54 10.4	7.9	11.9	
68 6.3	4.8	7.2	



#22
Acetophenone
Concen: 40.054 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion	Ion:105	Resp:	284810
105	Ratio 100	Lower	Upper
71	1.5	1.2	1.8
51	29.5	25.0	37.6
120	24.4	18.6	28.0

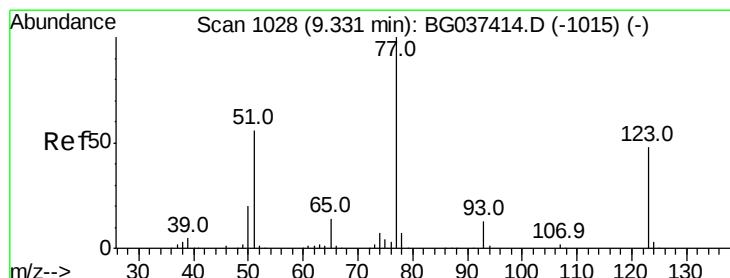
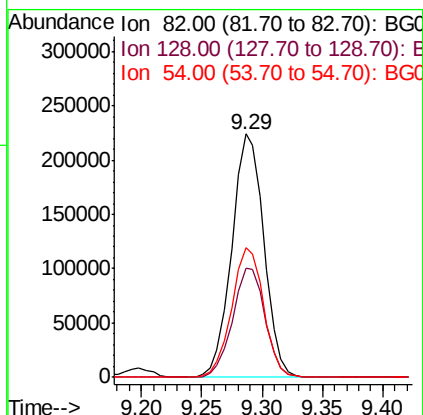
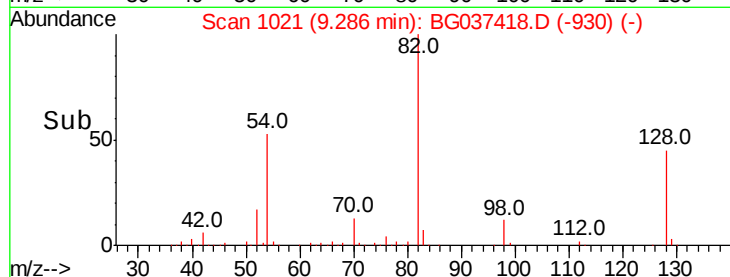
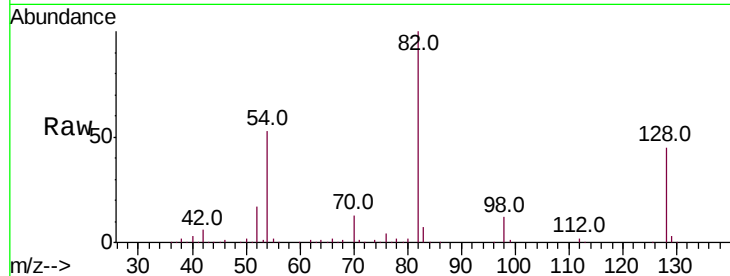




#23
 Nitrobenzene-d5
 Concen: 81.877 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

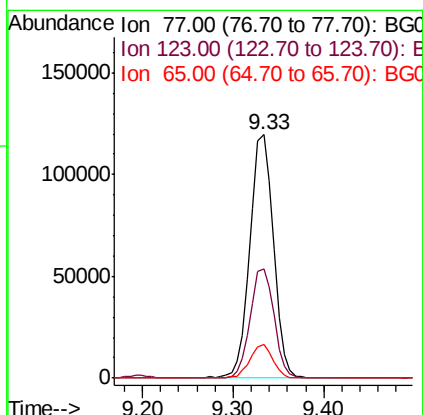
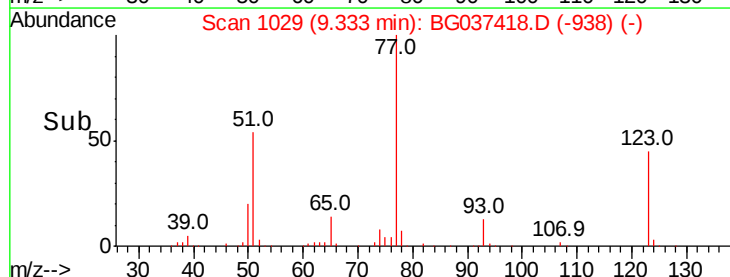
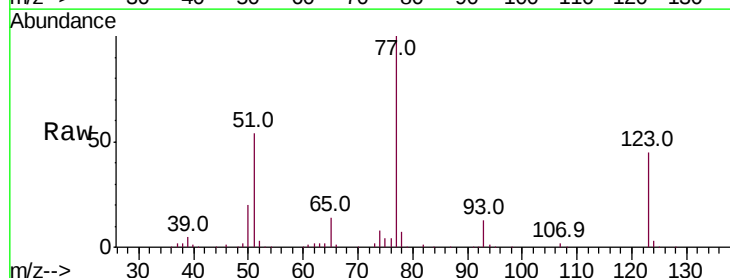
Instrument :
 BNA_G
 ClientSampled :

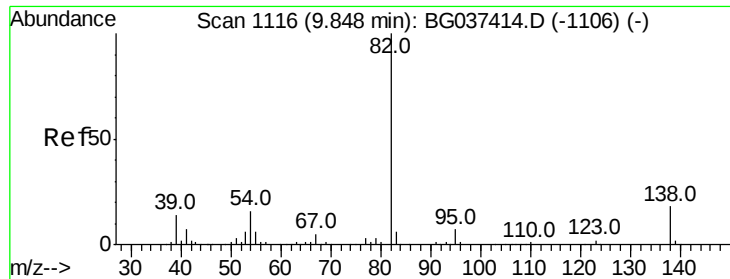
Tot Ion: 82 Resp: 414400
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.6 51.8
 54 53.3 45.3 67.9



#24
 Nitrobenzene
 Concen: 41.167 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion: 77 Resp: 216454
 Ion Ratio Lower Upper
 77 100
 123 44.9 33.6 50.4
 65 13.9 11.3 16.9





#25

Isophorone

Concen: 41.480 ng

RT: 9.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampled :

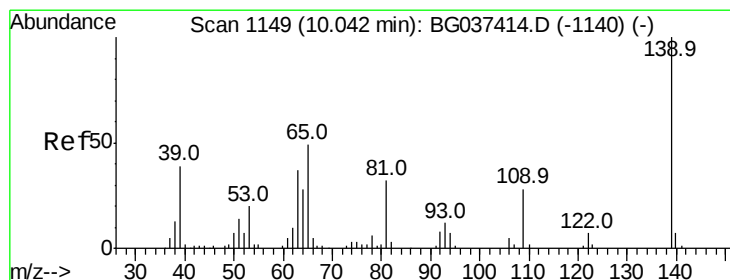
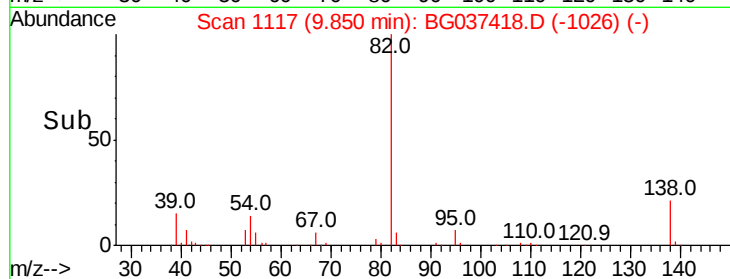
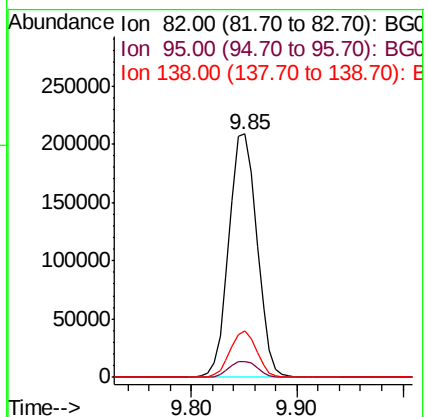
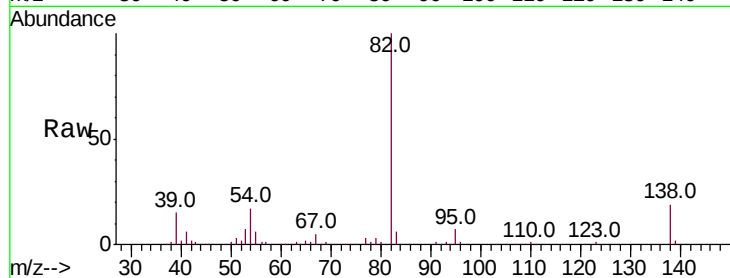
Tot Ion: 82 Resp: 383594

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.0 13.3 19.9



#26

2-Nitrophenol

Concen: 44.439 ng

RT: 10.04 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

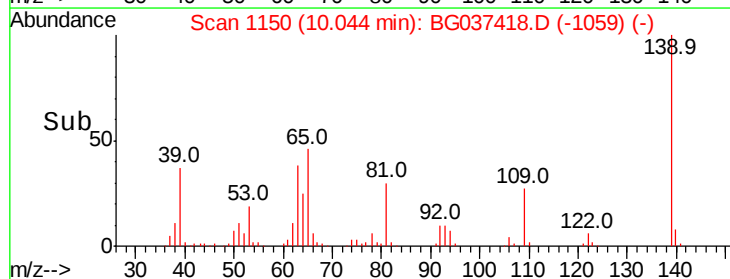
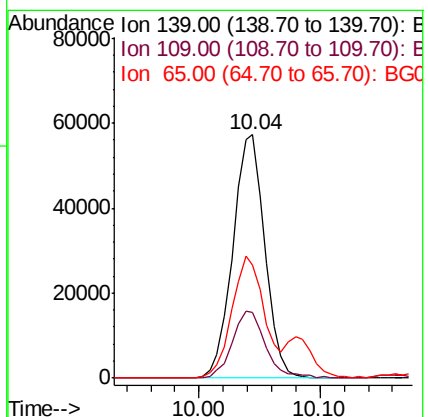
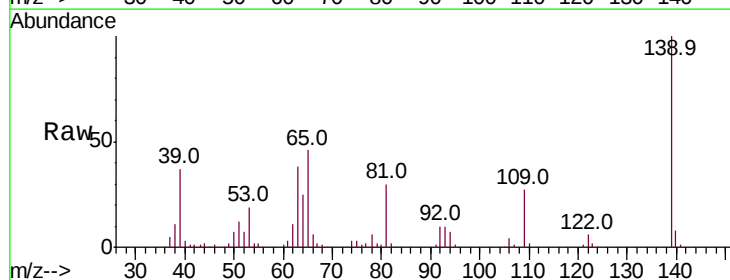
Tgt Ion: 139 Resp: 105260

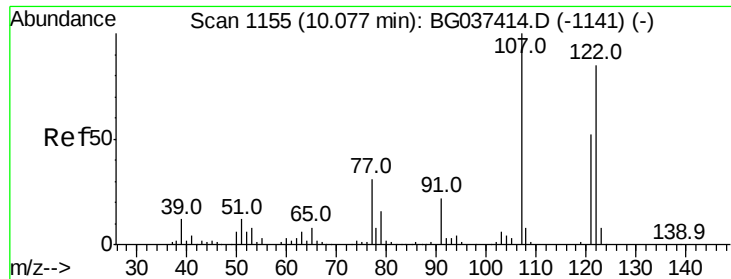
Ion Ratio Lower Upper

139 100

109 26.7 23.3 34.9

65 46.4 39.8 59.8

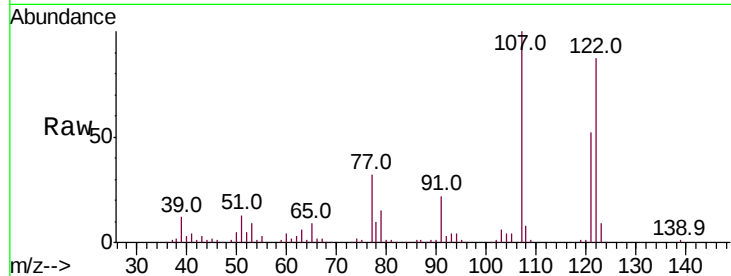




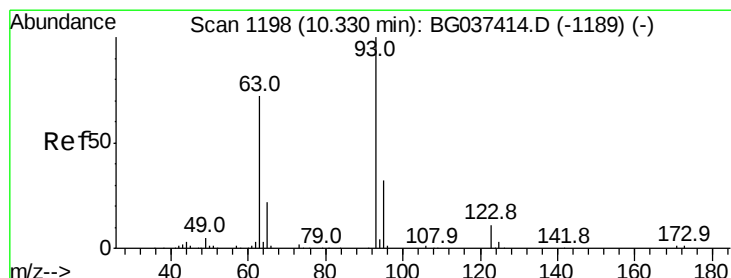
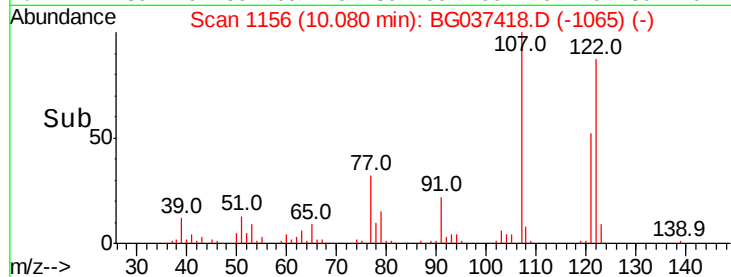
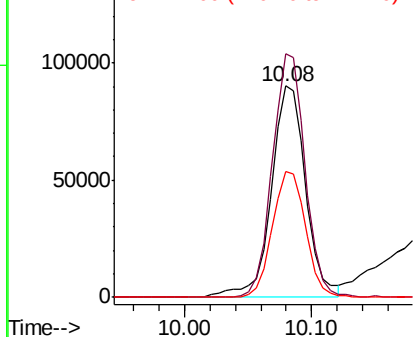
#27
 2,4-Dimethylphenol
 Concen: 40.210 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 170053
 Ion Ratio Lower Upper
 122 100
 107 115.2 94.2 141.2
 121 59.7 47.3 70.9

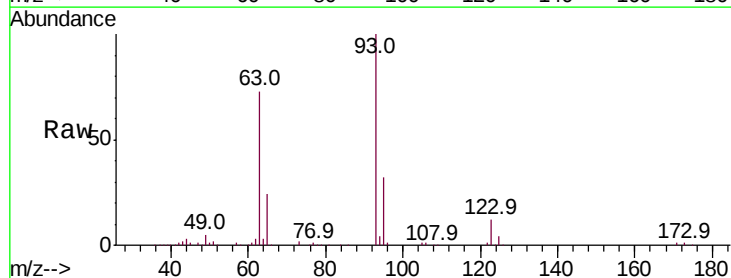


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

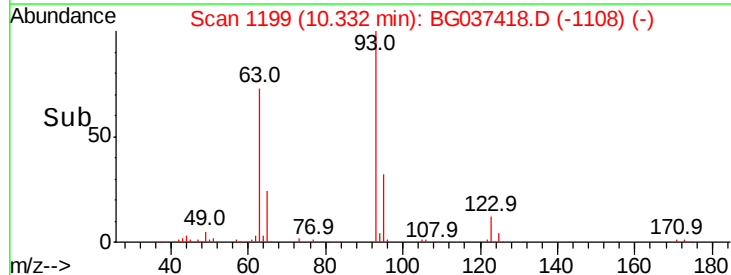
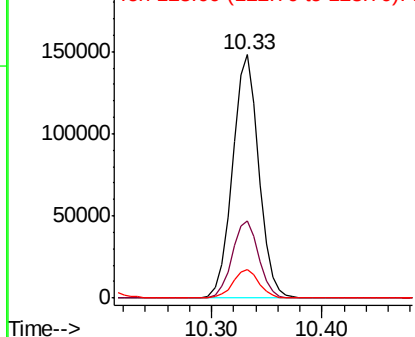


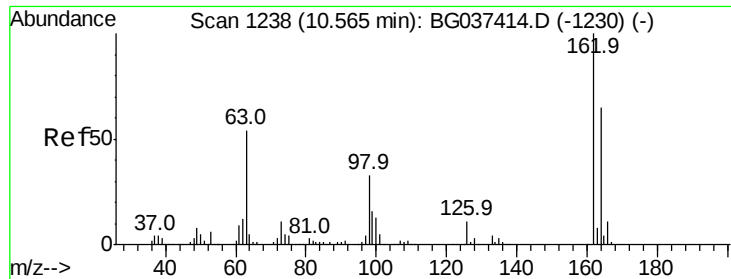
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.608 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion: 93 Resp: 246044
 Ion Ratio Lower Upper
 93 100
 95 31.7 24.6 37.0
 123 11.8 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

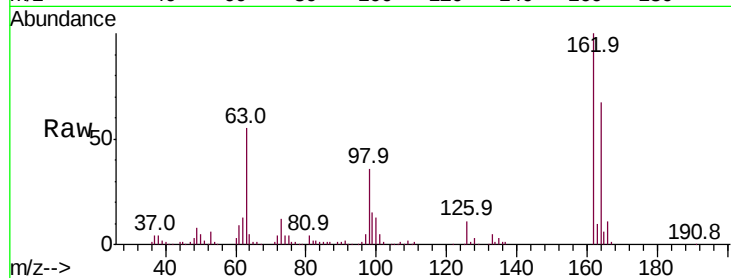




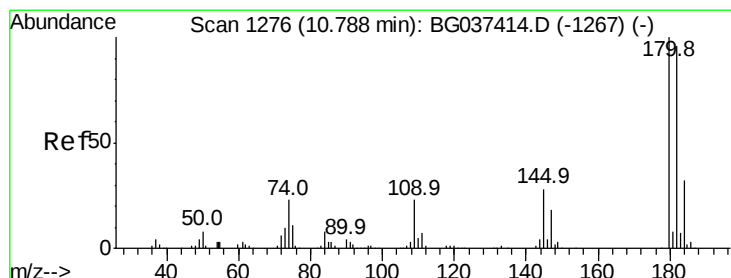
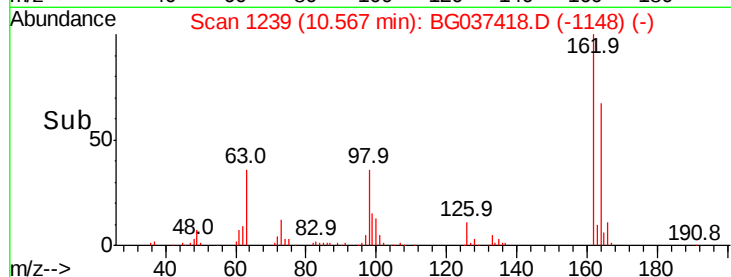
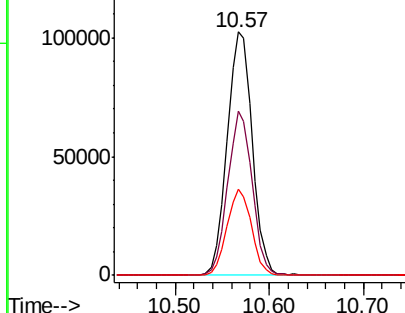
#29
2,4-Dichlorophenol
Concen: 40.248 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	43.2	83.2
98	35.5	16.0	56.0

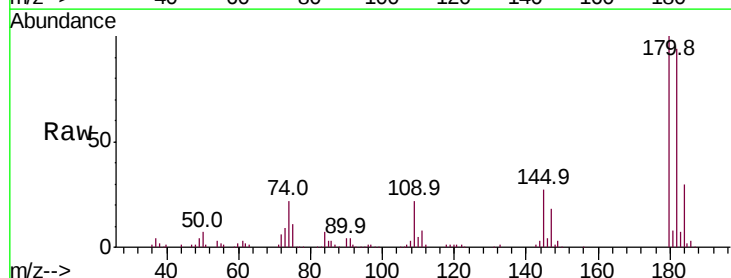


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

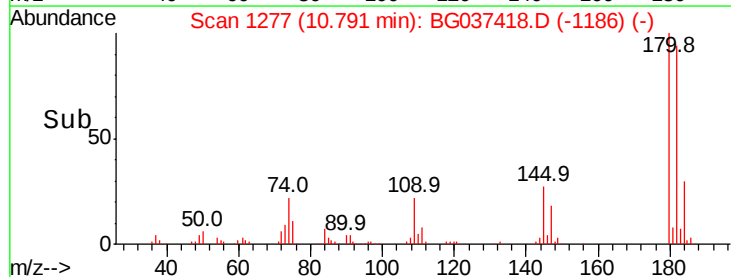
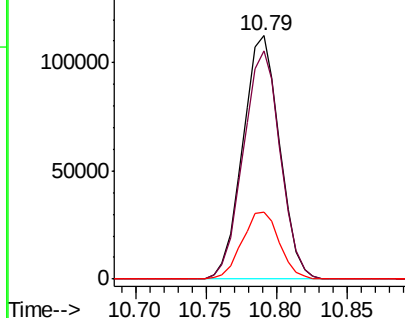


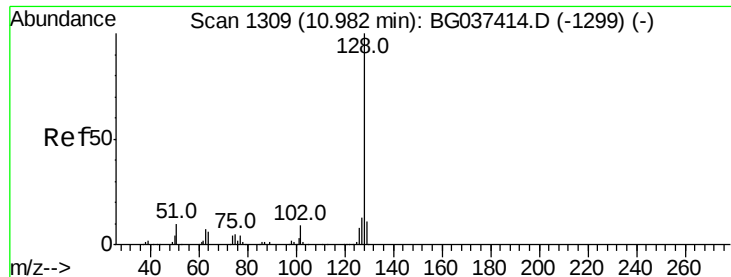
#30
1,2,4-Trichlorobenzene
Concen: 40.158 ng
RT: 10.79 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.7	116.5
145	27.3	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

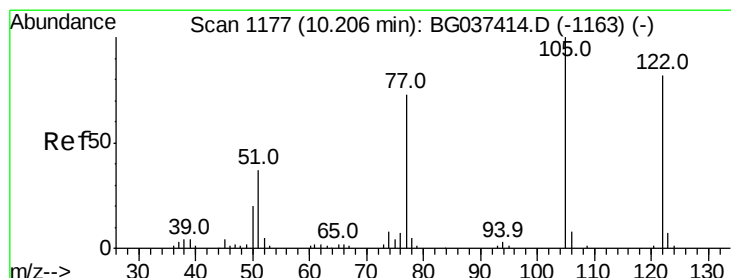
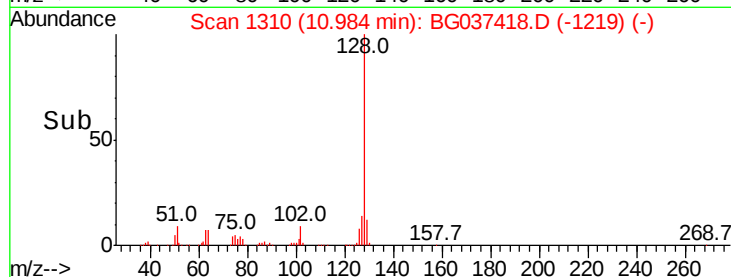
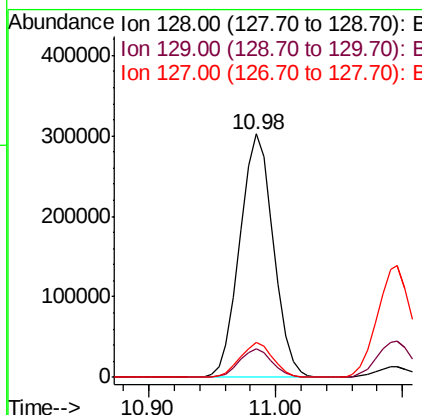
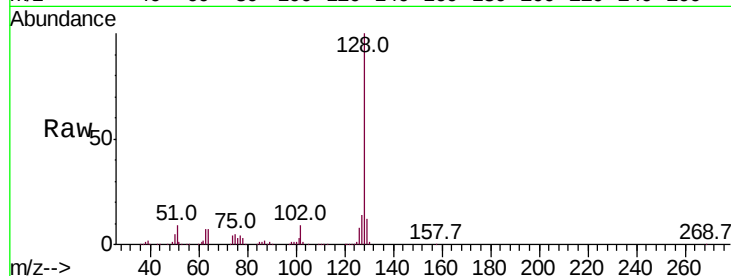




#31
Naphthalene
Concen: 39.804 ng
RT: 10.98 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

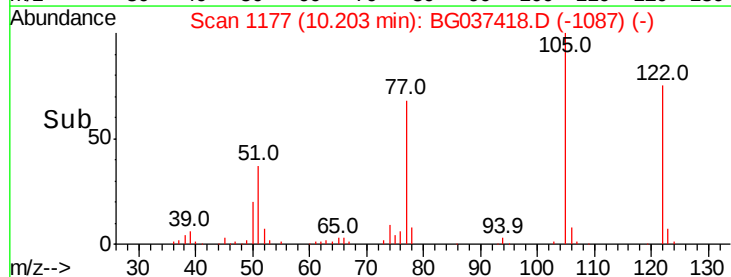
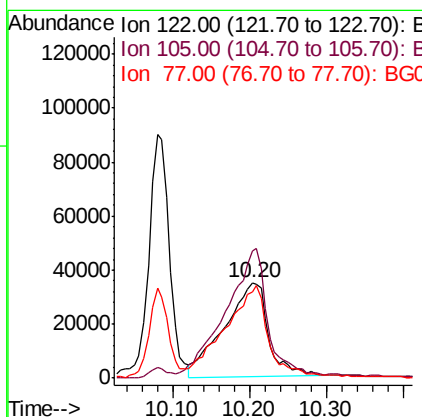
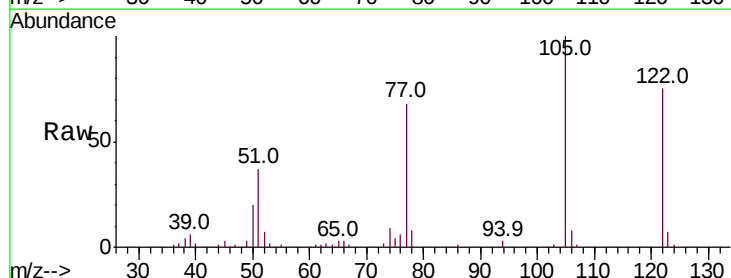
Instrument :
BNA_G
ClientSampleId :

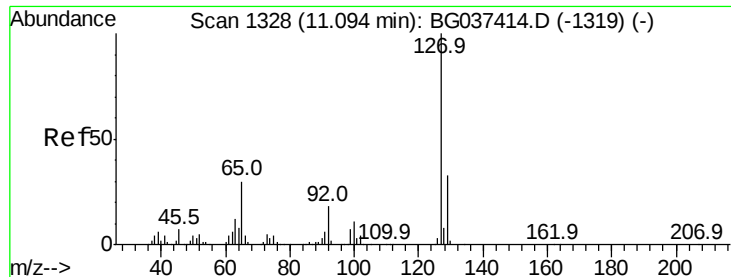
Tot Ion:128 Resp: 554316
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 50.801 ng
RT: 10.20 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:122 Resp: 139543
Ion Ratio Lower Upper
122 100
105 133.0 106.7 146.7
77 90.3 72.2 112.2

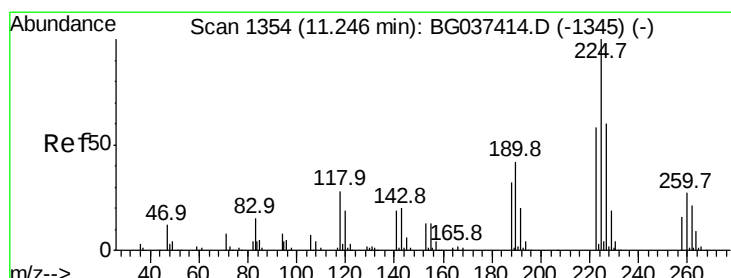
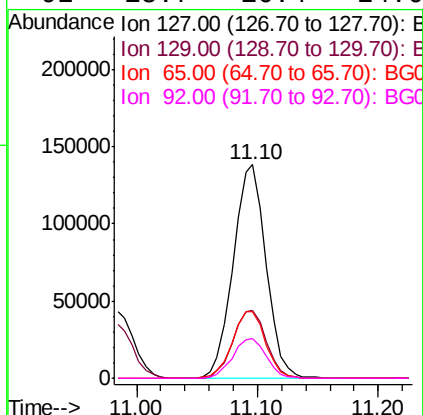
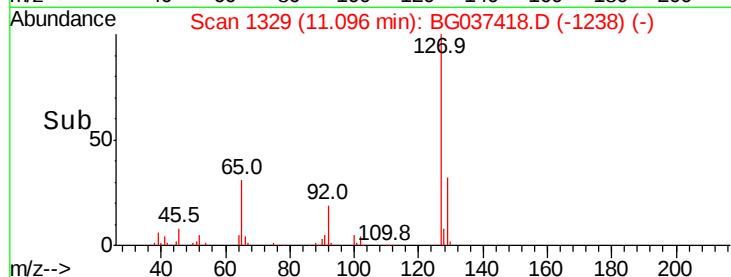
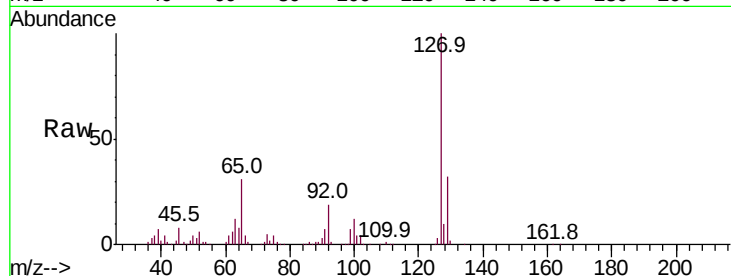




#33
4-Chloroaniline
Concen: 40.014 ng
RT: 11.10 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

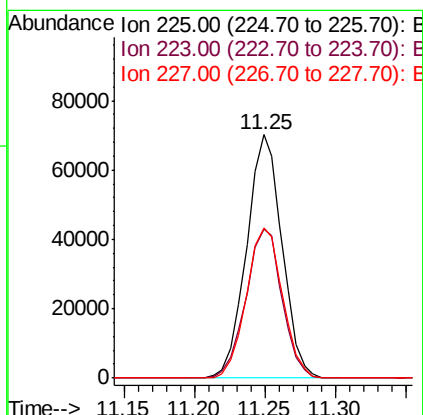
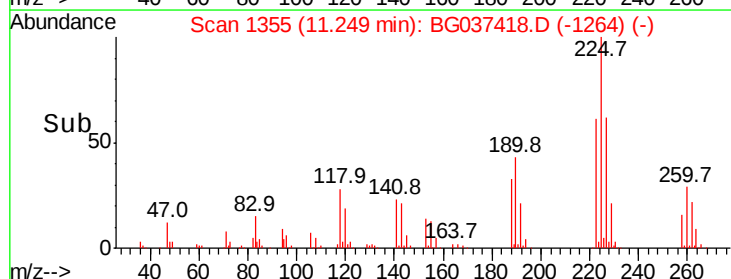
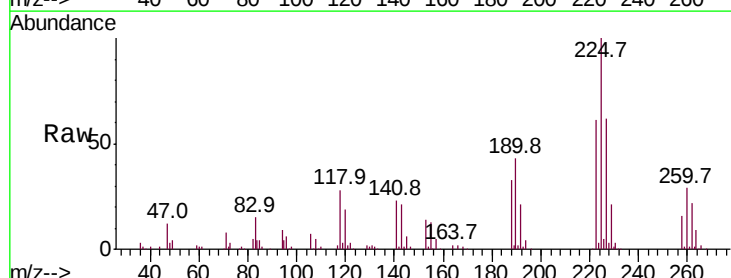
Instrument :
BNA_G
ClientSampleId :

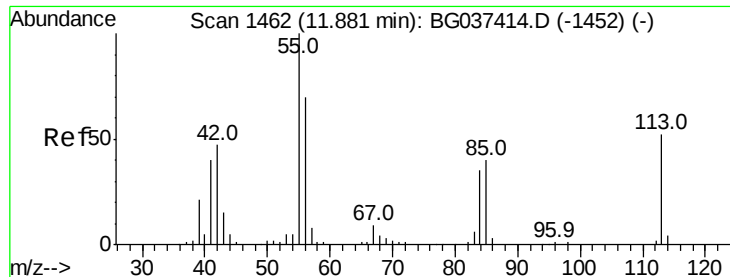
Tot Ion:	127	Resp:	261823
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.1	40.7
65	31.2	26.6	39.8
92	18.7	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.632 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:	225	Resp:	123314
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.2	72.4
227	61.4	51.6	77.4





#35

Caprolactam

Concen: 42.642 ng

RT: 11.88 min Scan# 1463

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

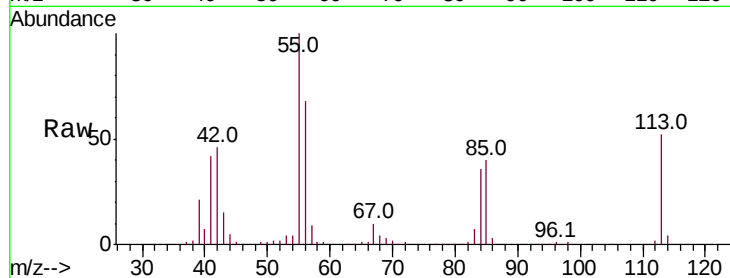
Tot Ion:113 Resp: 80530

Ion Ratio Lower Upper

113 100

55 192.9 176.6 216.6

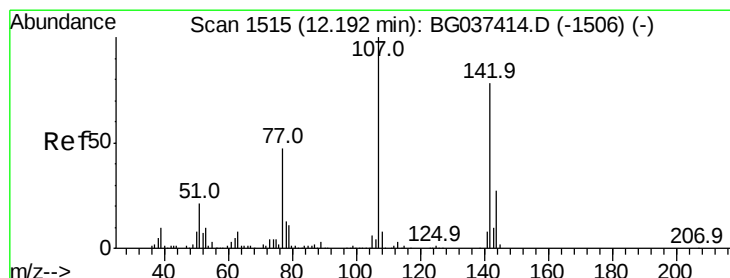
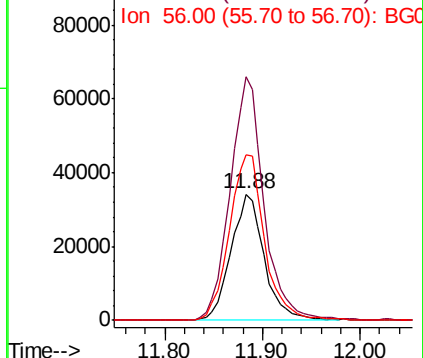
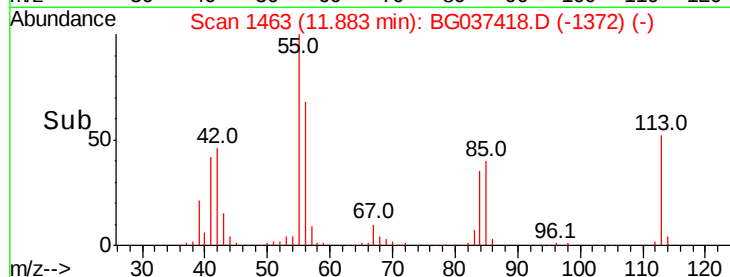
56 131.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.435 ng

RT: 12.19 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

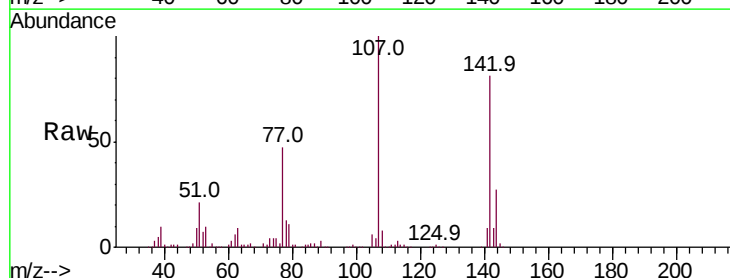
Tgt Ion:107 Resp: 214727

Ion Ratio Lower Upper

107 100

144 27.4 20.7 31.1

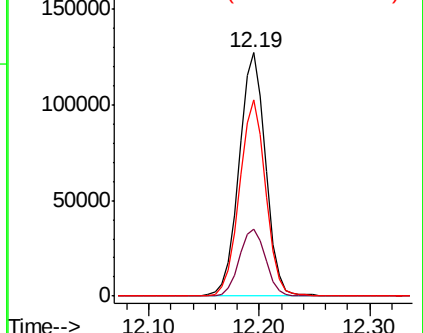
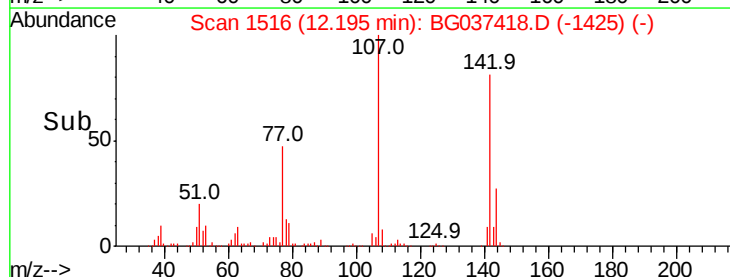
142 80.6 64.4 96.6

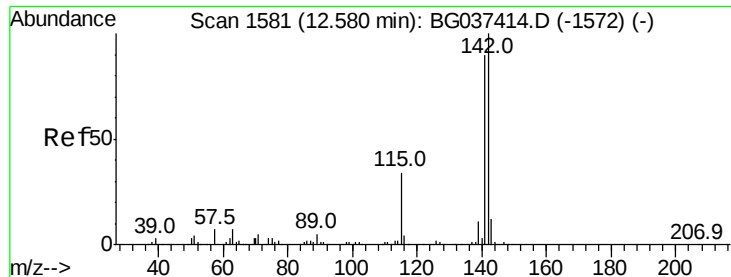


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.012 ng

RT: 12.58 min Scan# 1582

Delta R.T. 0.00 min

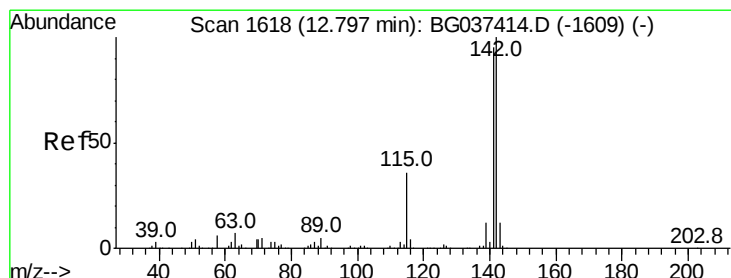
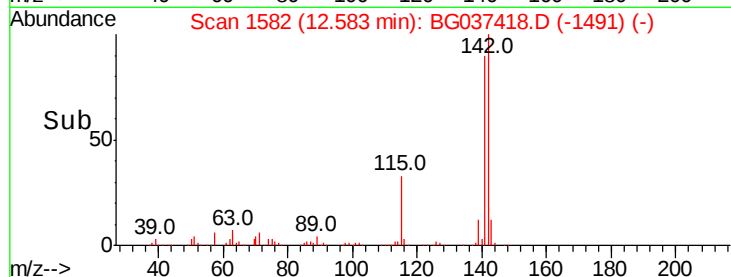
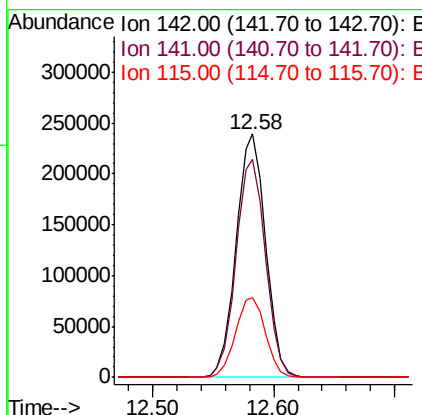
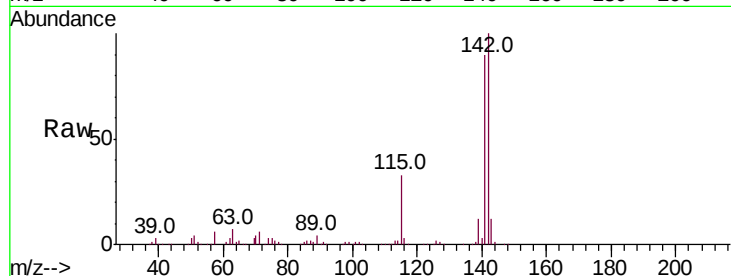
Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 406184

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	32.9	27.8	41.8



#38

1-Methylnaphthalene

Concen: 39.448 ng

RT: 12.80 min Scan# 1619

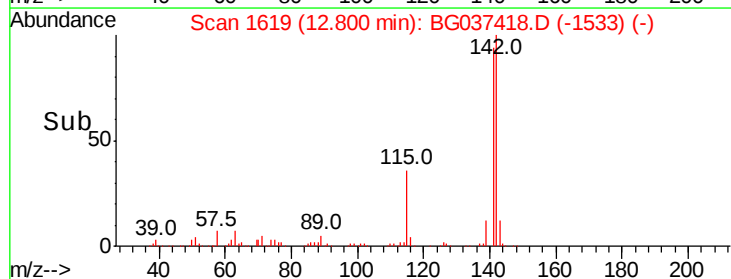
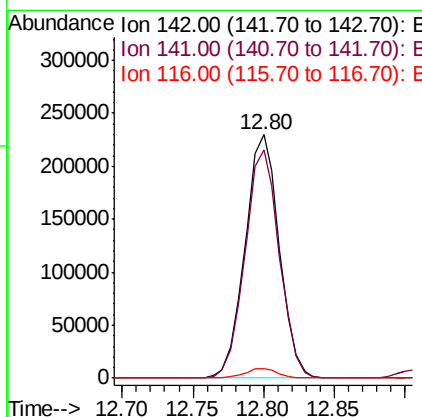
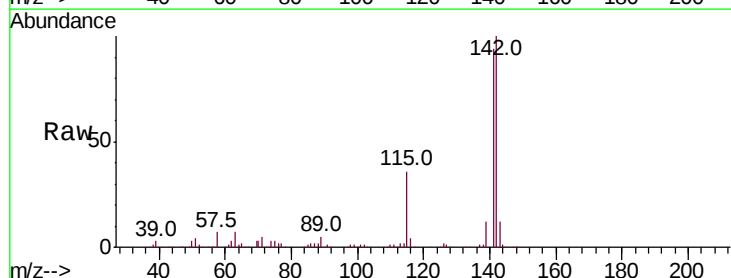
Delta R.T. 0.00 min

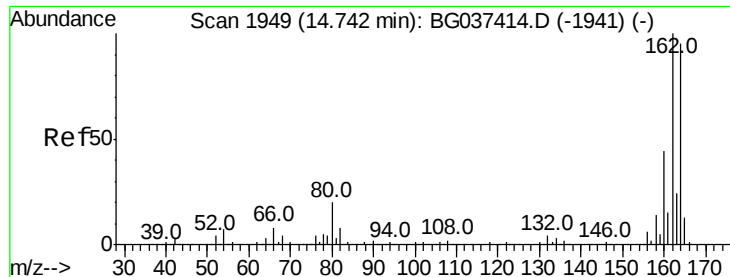
Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Tgt Ion:142 Resp: 388904

Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.2	112.8
116	4.1	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

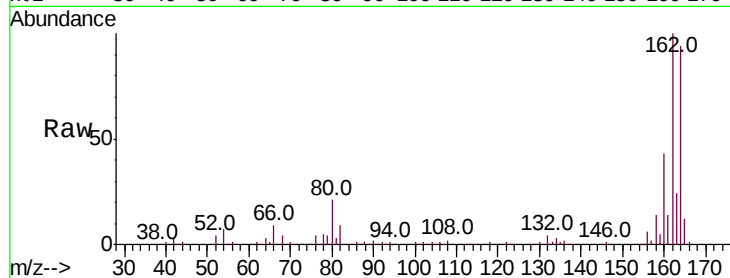
Tot Ion:164 Resp: 184164

Ion Ratio Lower Upper

164 100

162 106.2 81.3 121.9

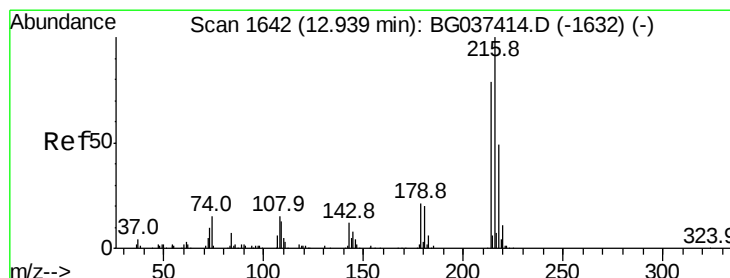
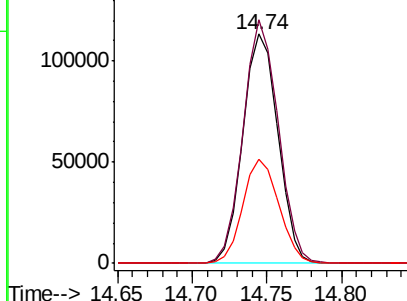
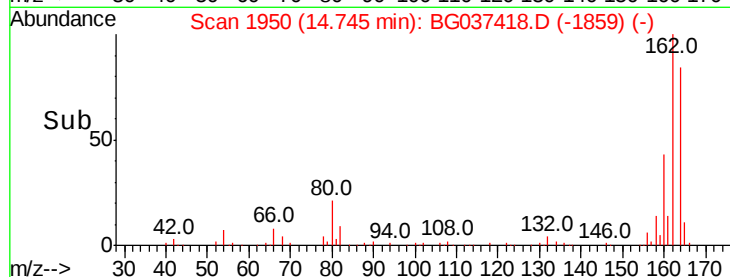
160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.020 ng

RT: 12.94 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Tgt Ion:216 Resp: 243668

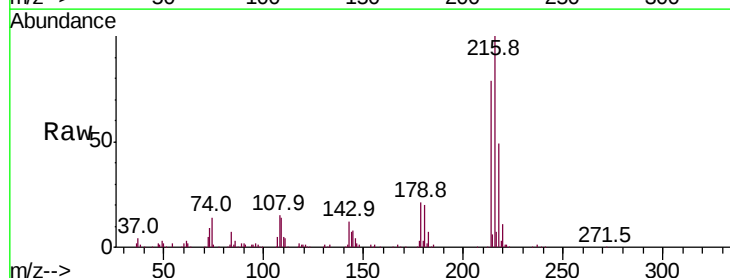
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 21.2 17.4 26.0

108 16.6 13.9 20.9

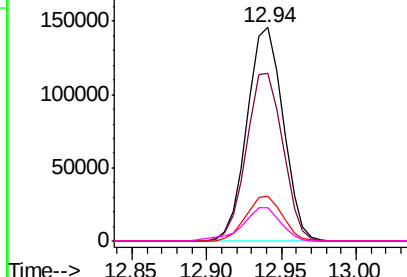
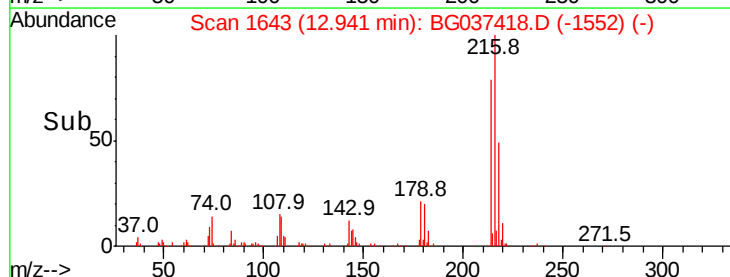


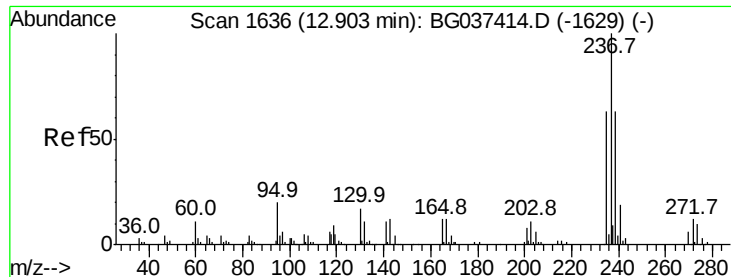
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.155 ng

RT: 12.91 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

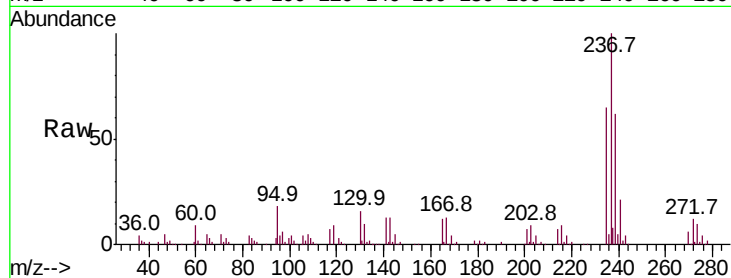
Instrument :

BNA_G

ClientSampled :

Tot Ion:237 Resp: 116777

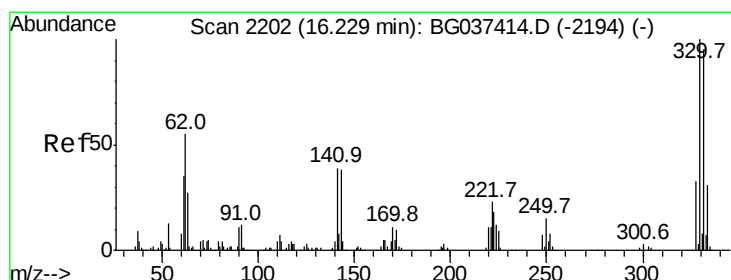
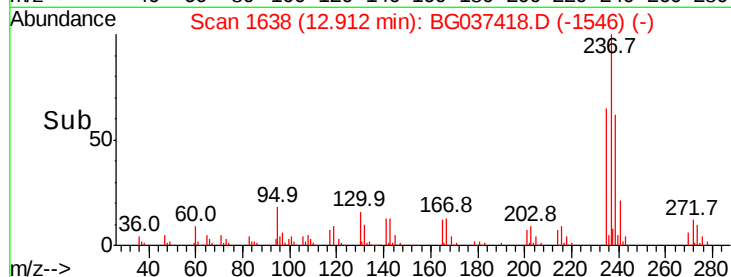
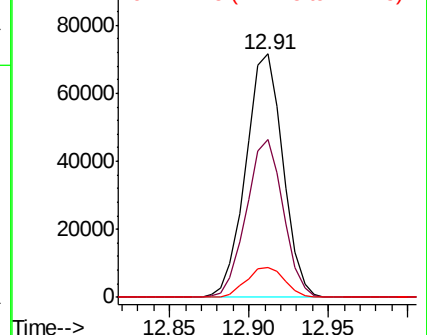
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.5	82.5
272	12.5	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.990 ng

RT: 16.23 min Scan# 2203

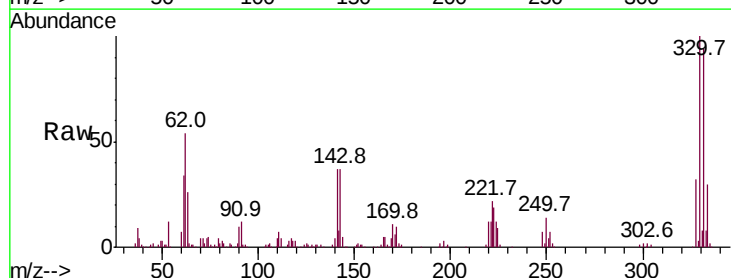
Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Tgt Ion:330 Resp: 168707

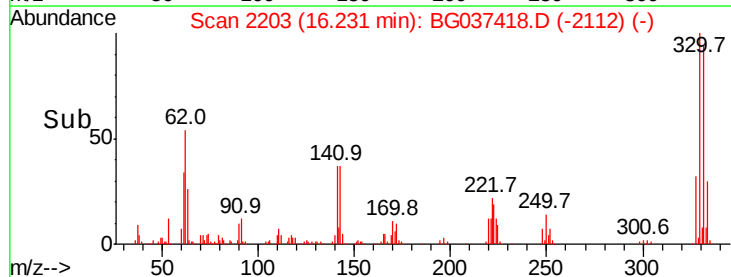
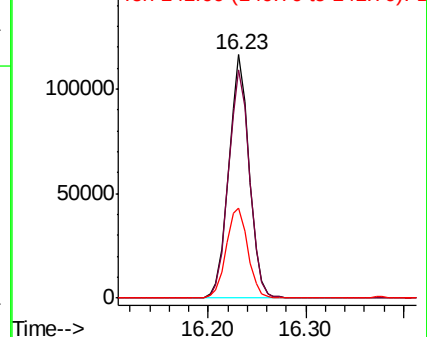
Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.4	117.6
141	39.0	32.2	48.2

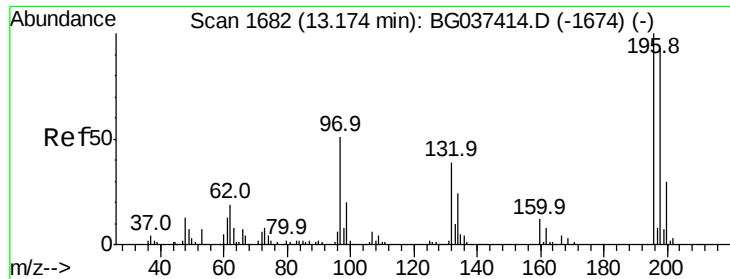


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

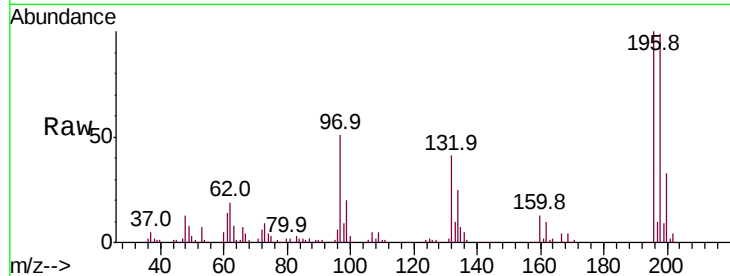




#43
 2,4,6-Trichlorophenol
 Concen: 41.702 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	165497
Ion Ratio	Lower	Upper	
196	100		
198	98.7	76.4	114.6
200	32.5	24.9	37.3

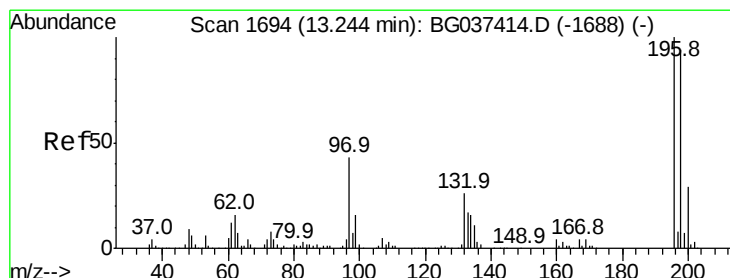
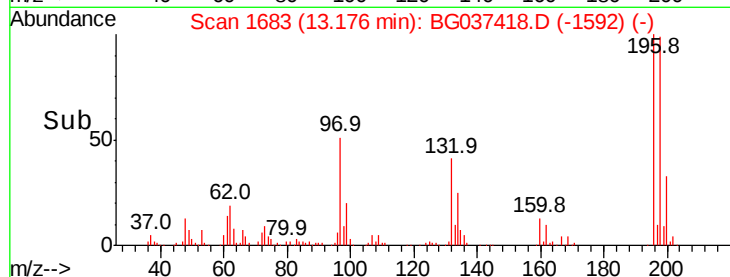
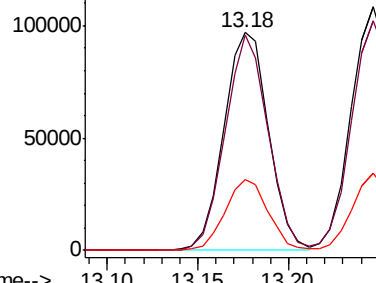


Abundance

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: 41.699 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion	196	Resp	180177
Ion Ratio	Lower	Upper	
196	100		
198	94.1	74.2	111.2
97	43.4	34.1	51.1
132	25.1	20.2	30.4

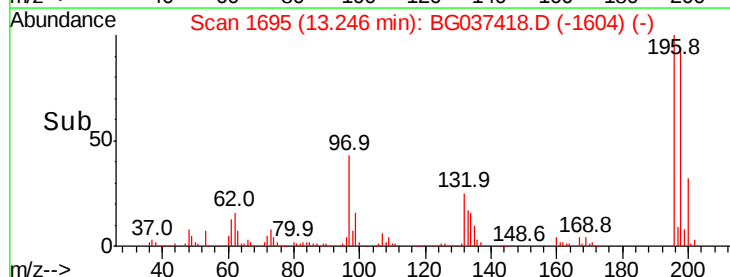
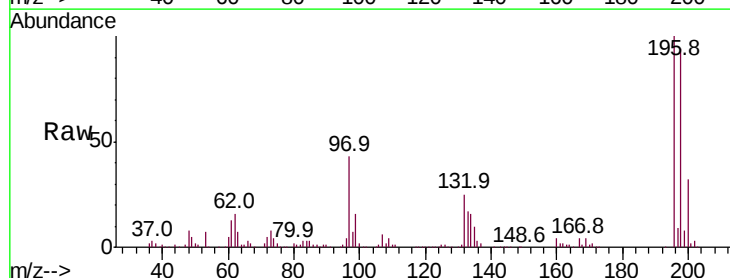
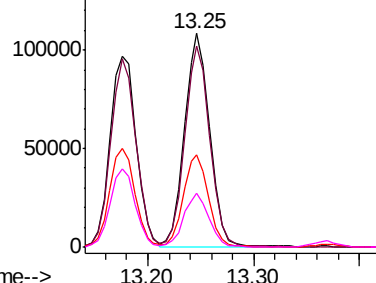
Abundance

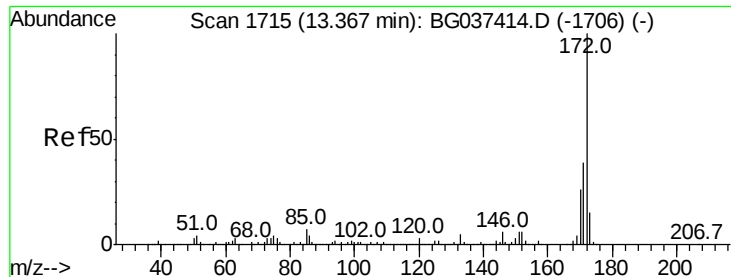
Ion 196.00 (195.70 to 196.70): E

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

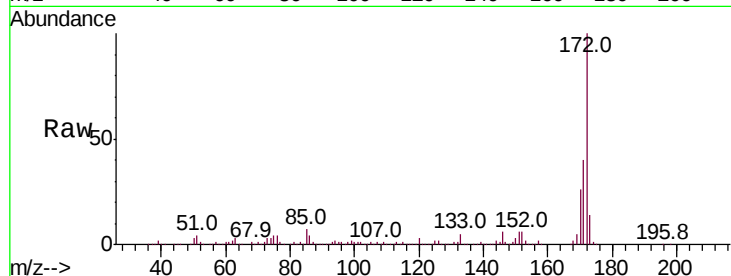




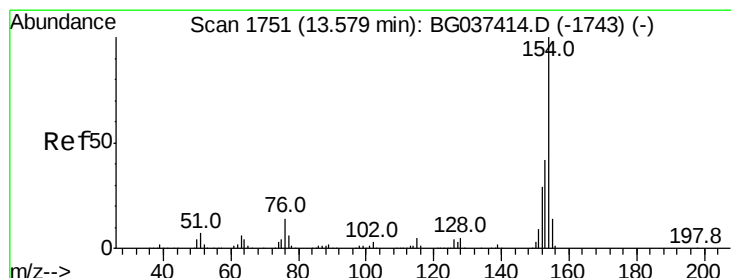
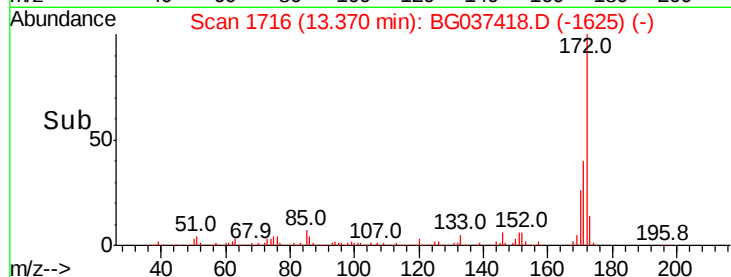
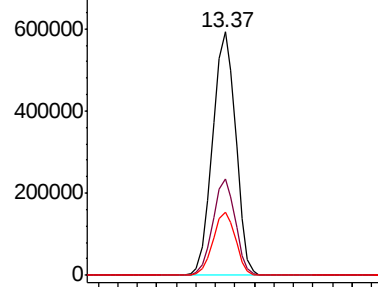
#45
2-Fluorobiphenyl
Concen: 79.857 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.0	46.4
170	26.1	20.2	30.2

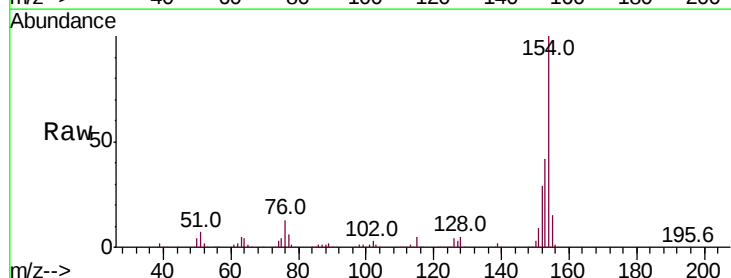


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

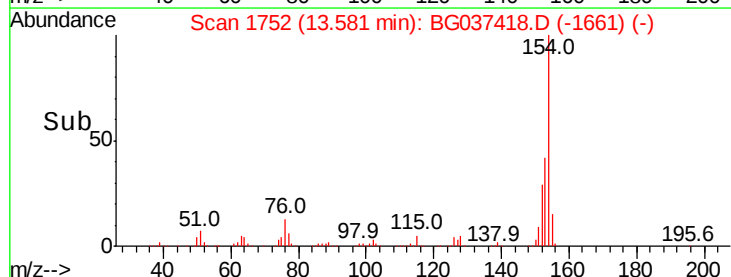
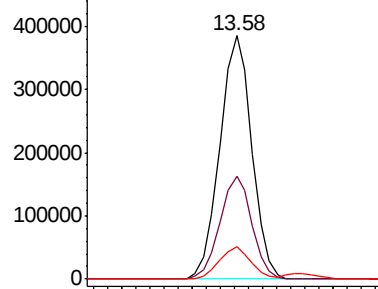


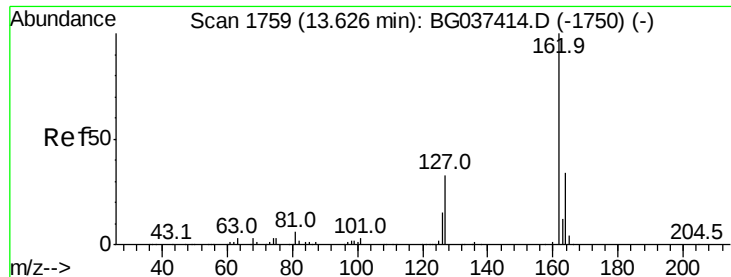
#46
1,1'-Biphenyl
Concen: 39.997 ng
RT: 13.58 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	13.1	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): BG

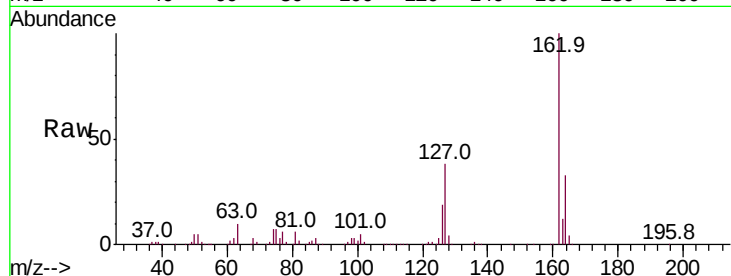




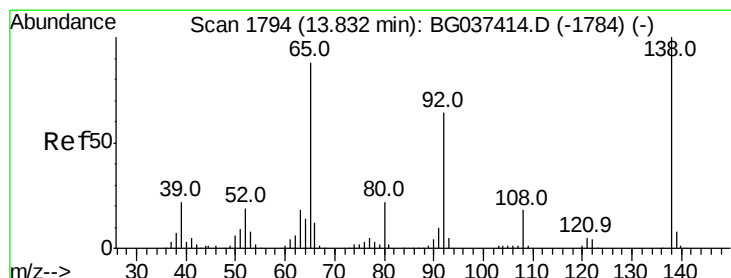
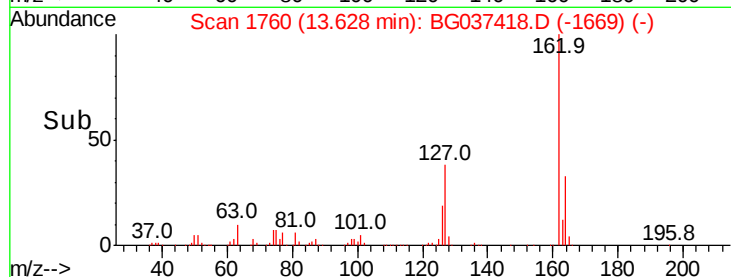
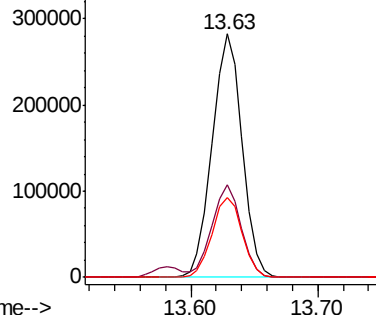
#47
2-Chloronaphthalene
Concen: 39.988 ng
RT: 13.63 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 461412
Ion Ratio Lower Upper
162 100
127 37.9 30.5 45.7
164 32.5 26.4 39.6

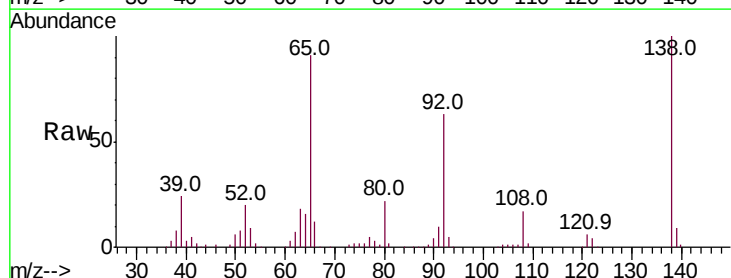


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

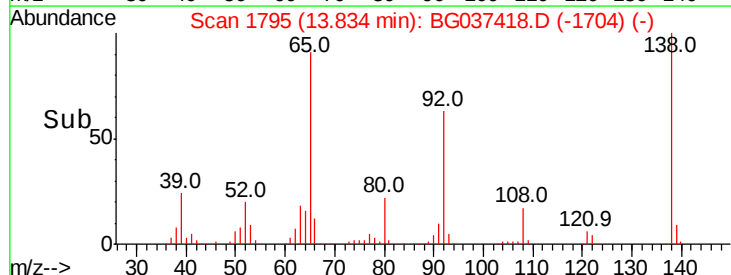
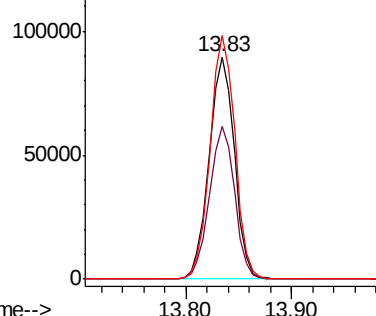


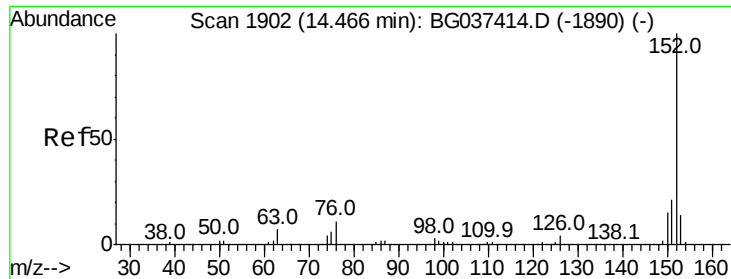
#48
2-Nitroaniline
Concen: 42.251 ng
RT: 13.83 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion: 65 Resp: 147843
Ion Ratio Lower Upper
65 100
92 69.1 53.2 79.8
138 109.7 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: 40.947 ng

RT: 14.47 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

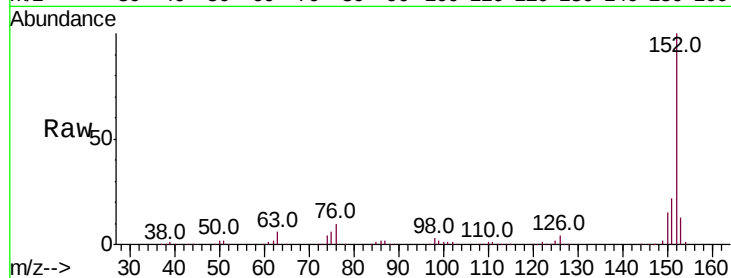
Tot Ion:152 Resp: 710740

Ion Ratio Lower Upper

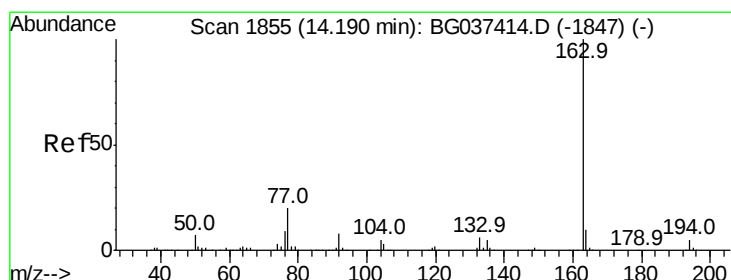
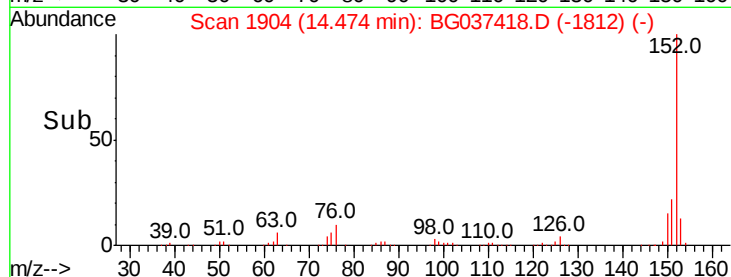
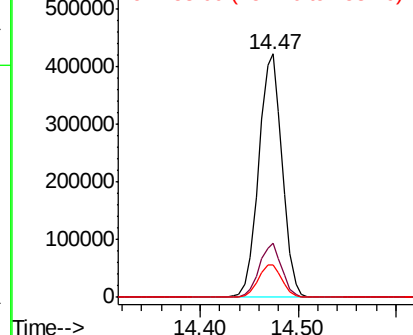
152 100

151 22.0 17.1 25.7

153 13.2 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: 40.417 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

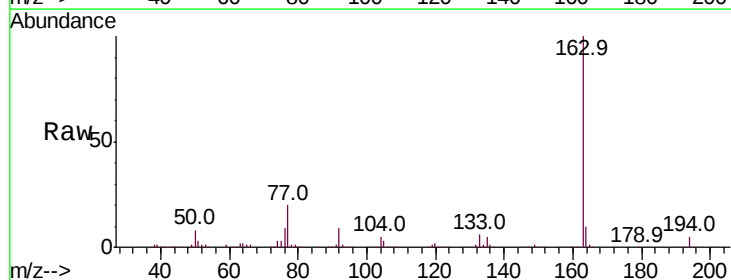
Tgt Ion:163 Resp: 575837

Ion Ratio Lower Upper

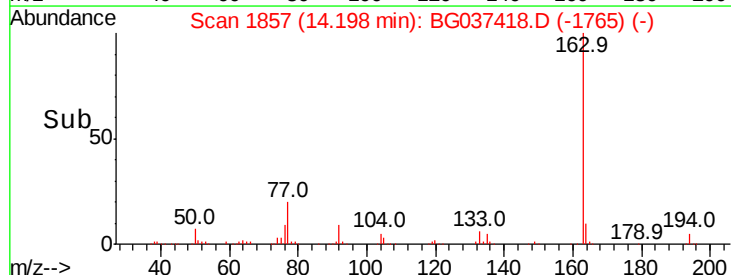
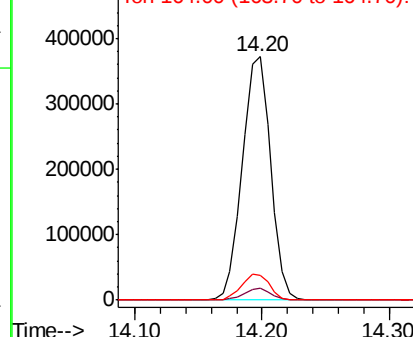
163 100

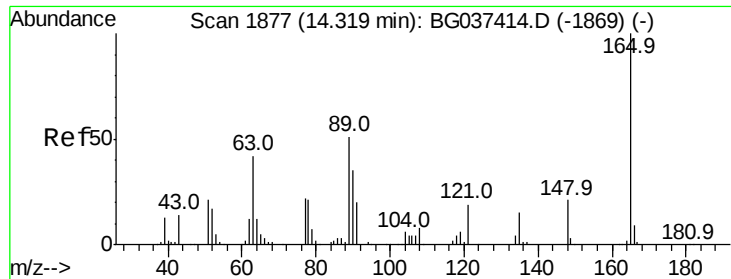
194 4.8 3.5 5.3

164 10.4 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

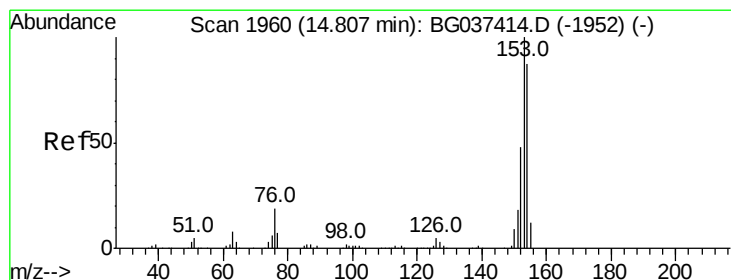
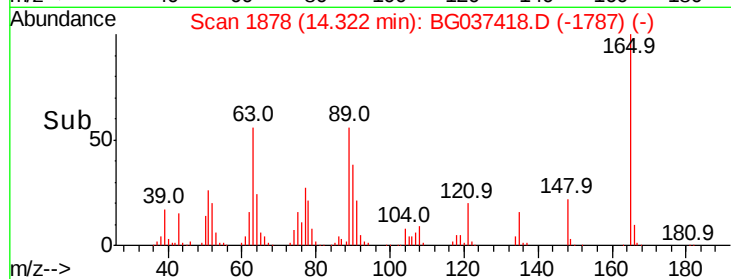
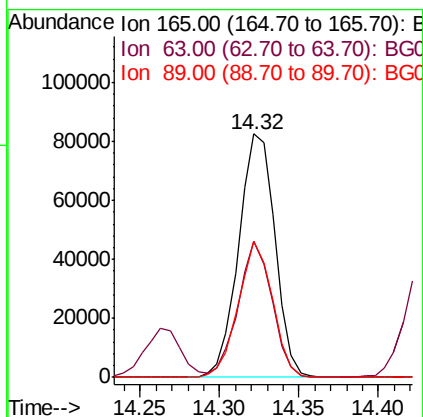
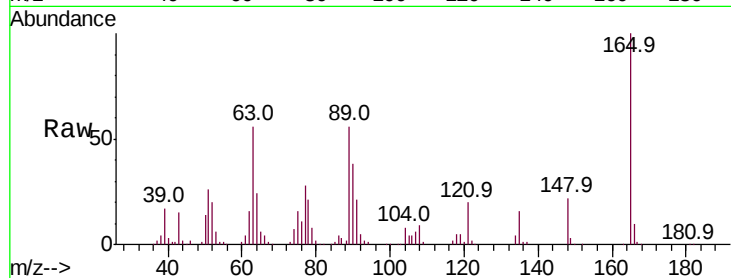




#51
 2,6-Dinitrotoluene
 Concen: 41.676 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

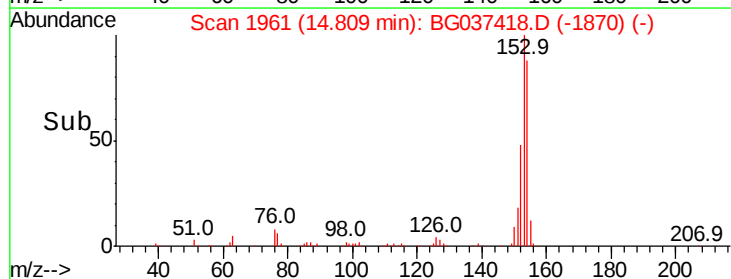
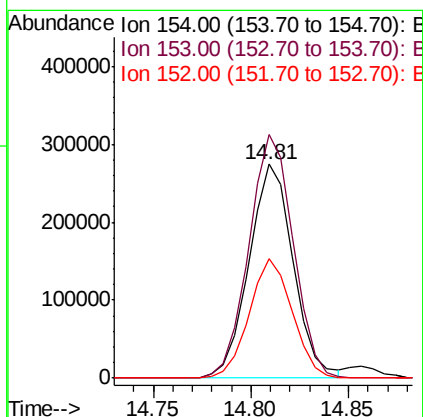
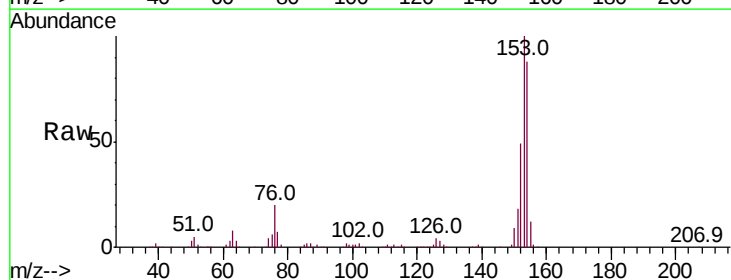
Instrument :
 BNA_G
 ClientSampleId :

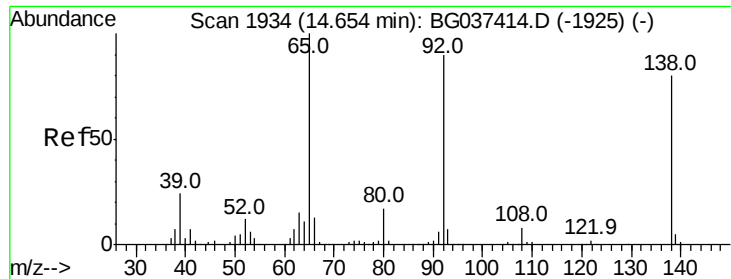
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	43.4	65.2
89	56.1	45.8	68.6



#52
 Acenaphthene
 Concen: 40.284 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	93.4	140.0
152	55.8	44.7	67.1





#53

3-Nitroaniline

Concen: 42.281 ng

RT: 14.66 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

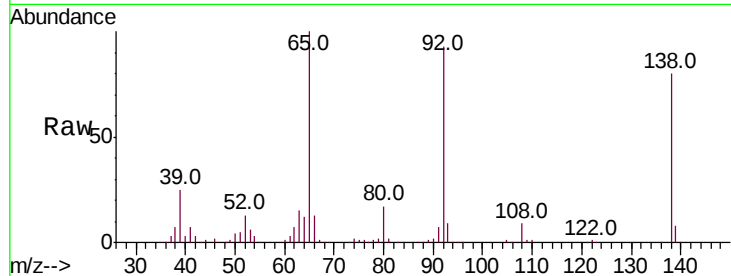
Tot Ion:138 Resp: 147936

Ion Ratio Lower Upper

138 100

108 11.1 11.0 16.6

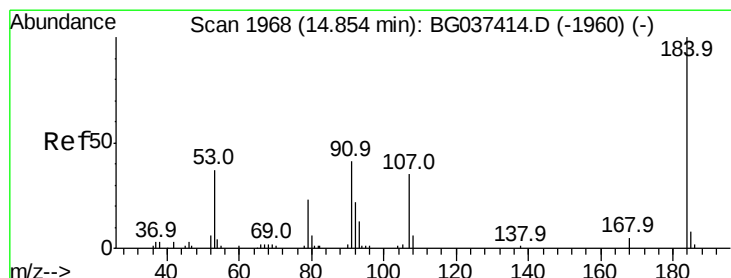
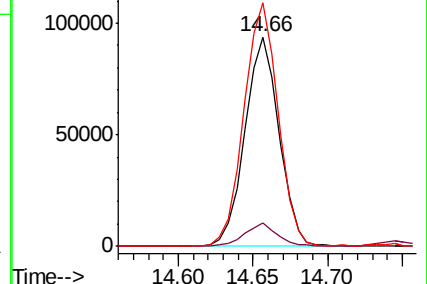
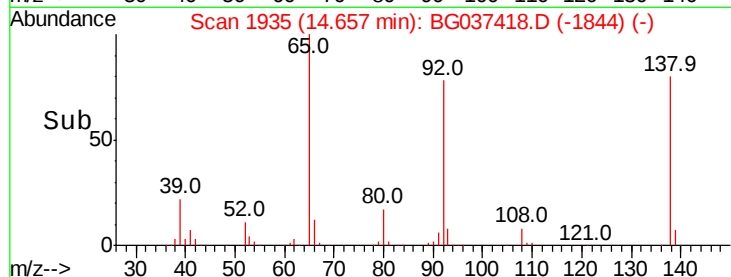
92 116.2 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 45.428 ng

RT: 14.86 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

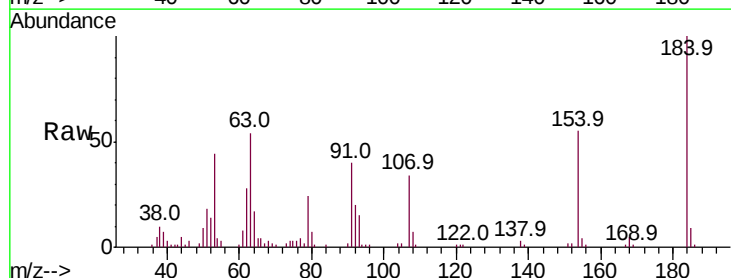
Tgt Ion:184 Resp: 44684

Ion Ratio Lower Upper

184 100

63 54.2 42.6 63.8

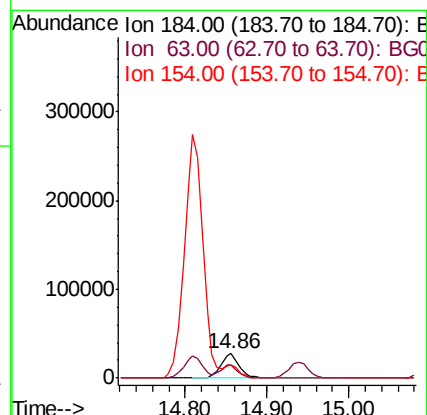
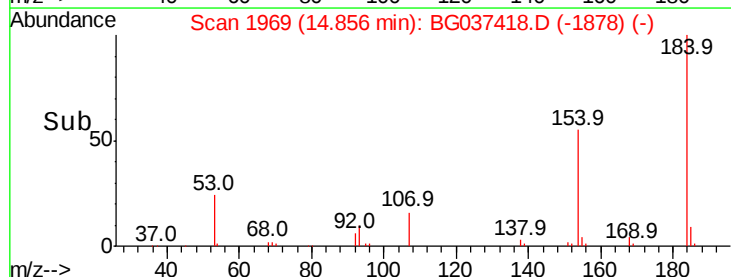
154 54.8 41.8 62.6

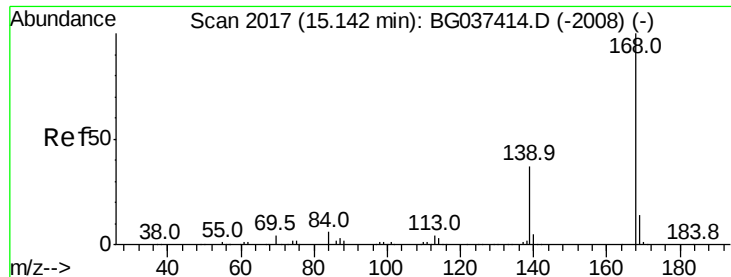


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

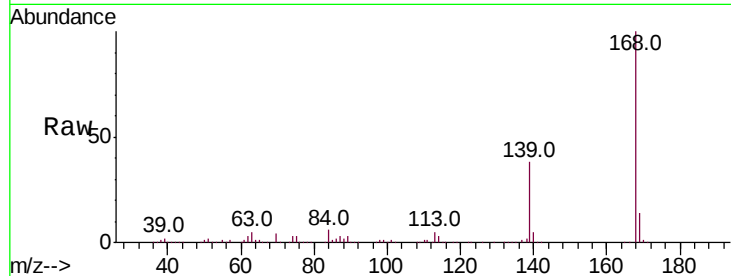




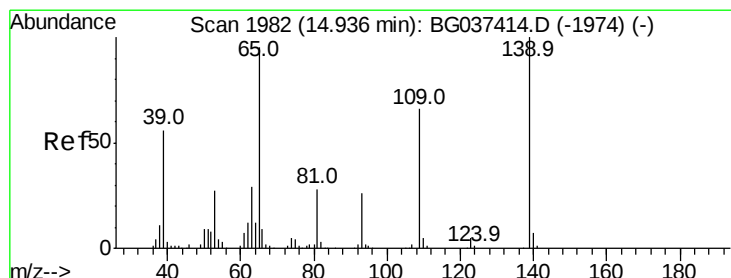
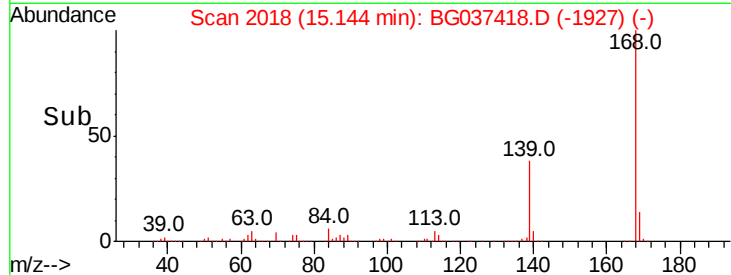
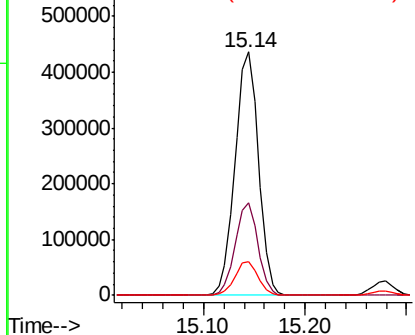
#55
Dibenzofuran
Concen: 39.542 ng
RT: 15.14 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 700338
Ion Ratio Lower Upper
168 100
139 38.0 29.4 44.0
169 13.9 11.0 16.6

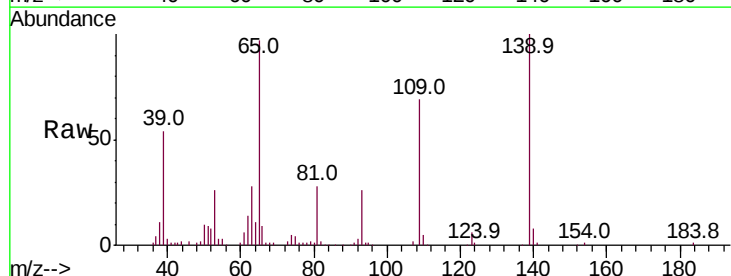


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

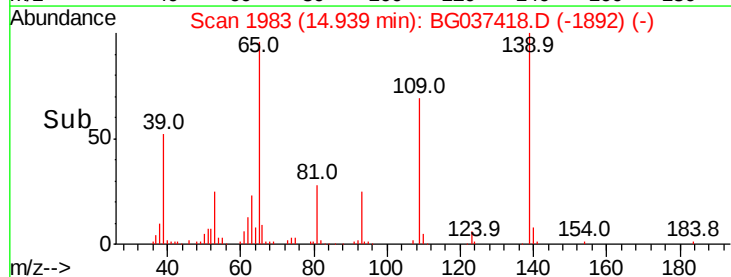
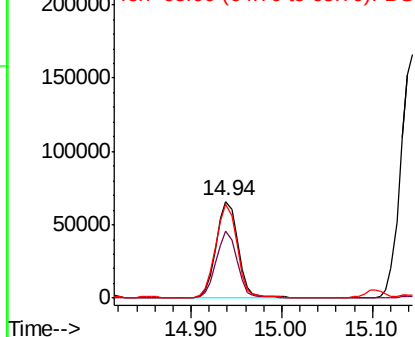


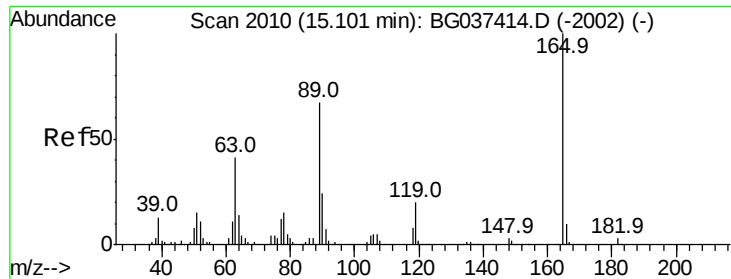
#56
4-Nitrophenol
Concen: 43.143 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:139 Resp: 111737
Ion Ratio Lower Upper
139 100
109 68.9 49.5 89.5
65 96.9 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

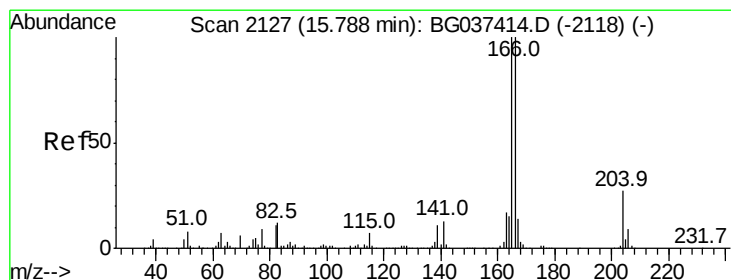
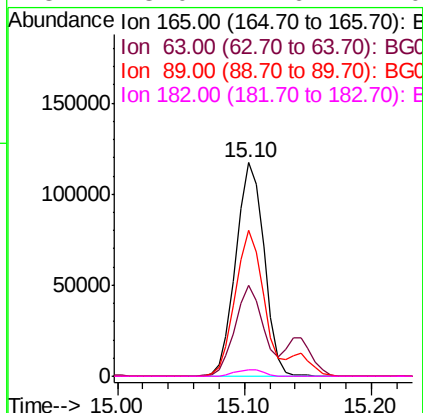
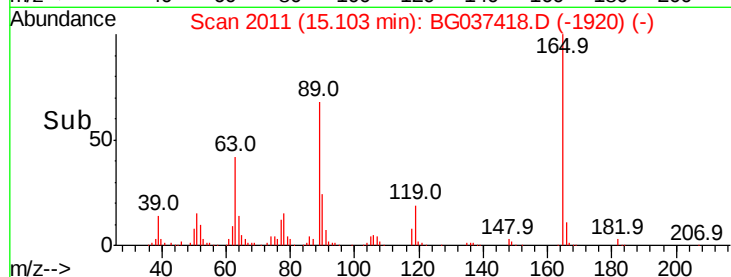
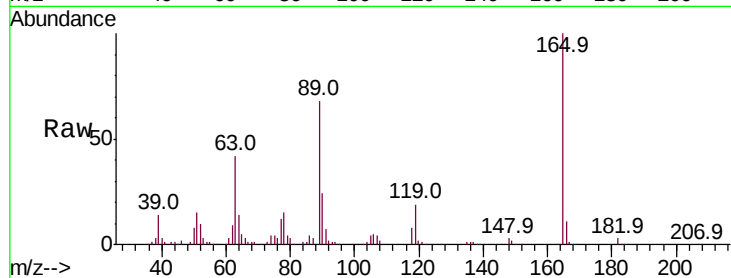




#57
2,4-Dinitrotoluene
Concen: 43.810 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

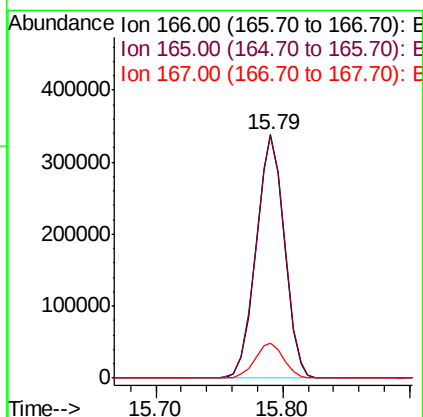
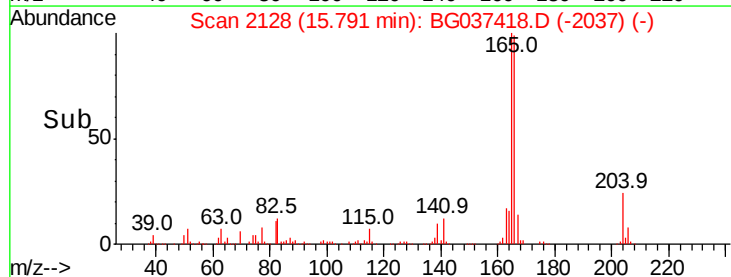
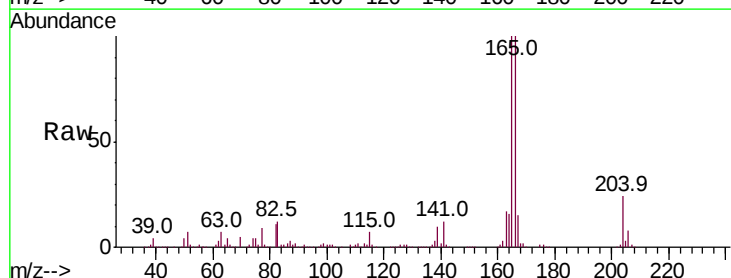
Instrument :
BNA_G
ClientSampleId :

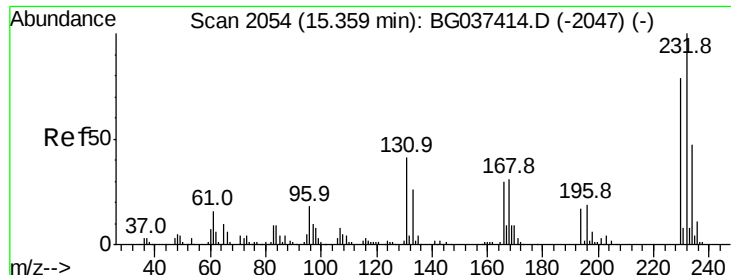
Tot Ion:165 Resp: 181254
Ion Ratio Lower Upper
165 100
63 42.3 33.4 50.0
89 68.1 57.2 85.8
182 3.0 2.6 4.0



#58
Fluorene
Concen: 39.545 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:166 Resp: 524489
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.6
167 14.6 11.3 16.9

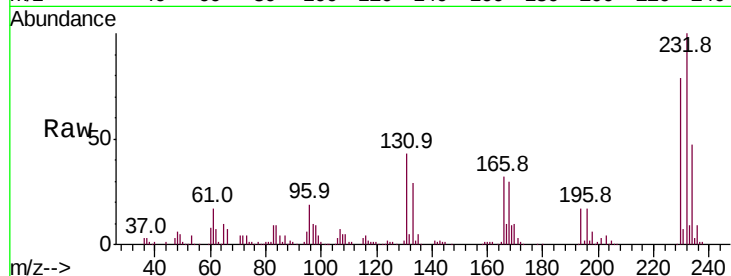




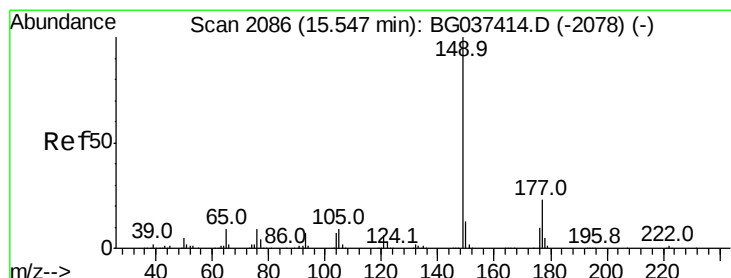
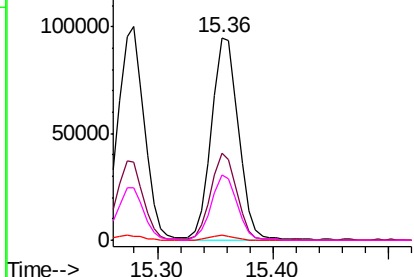
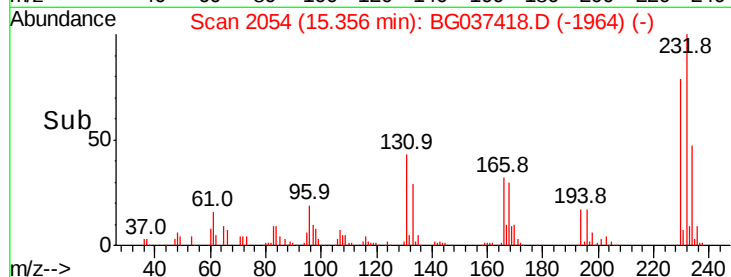
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.579 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232 Resp: 153825
 Ion Ratio Lower Upper
 232 100
 131 42.3 33.7 50.5
 130 2.5 2.1 3.1
 166 31.1 24.6 36.8

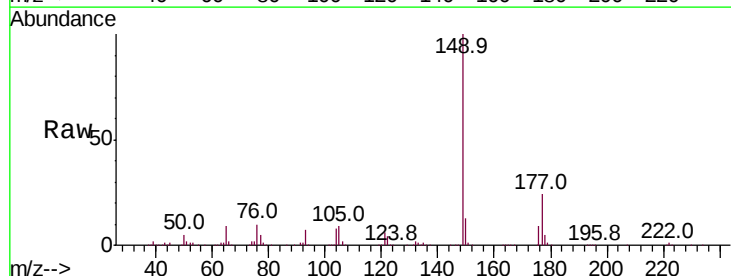


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

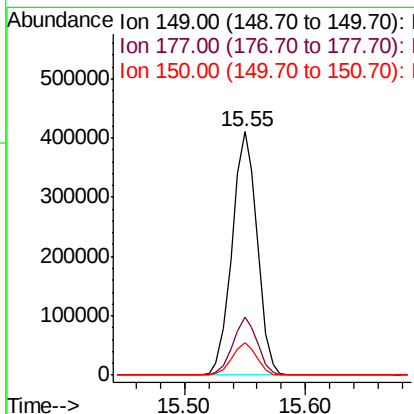
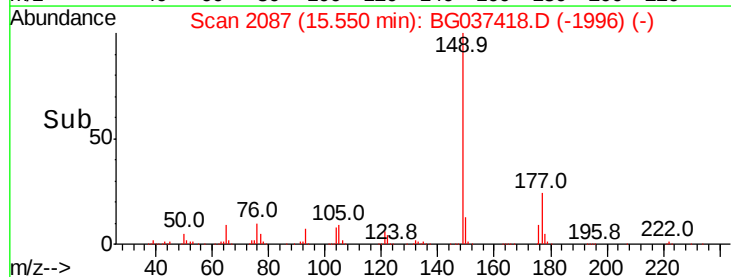


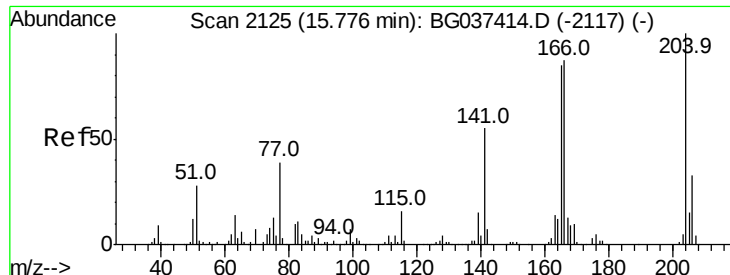
#60
 Diethylphthalate
 Concen: 40.555 ng
 RT: 15.55 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion:149 Resp: 593195
 Ion Ratio Lower Upper
 149 100
 177 23.6 18.3 27.5
 150 13.2 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

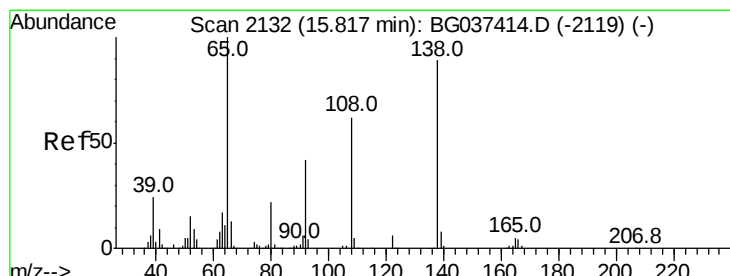
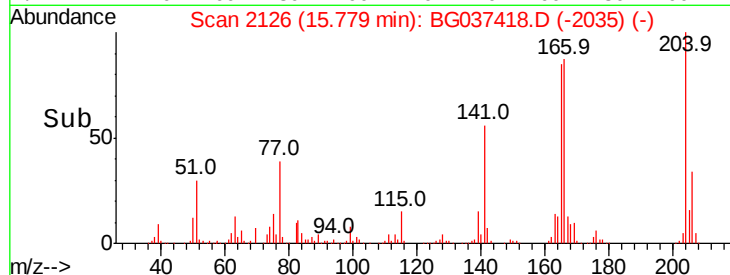
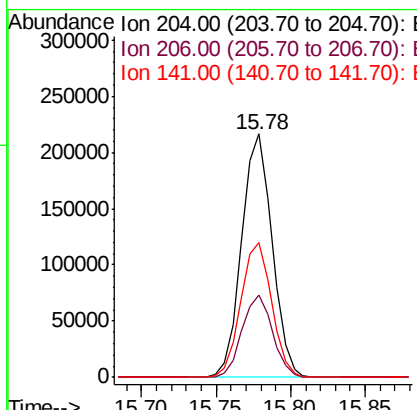
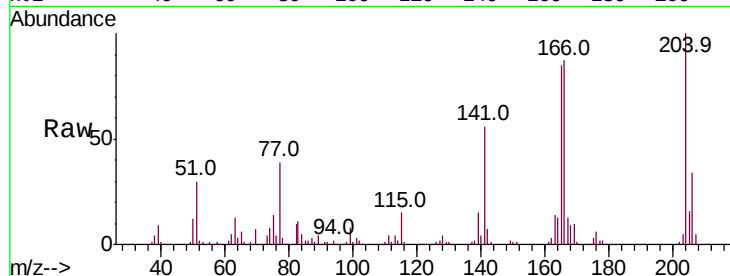




#61
 4-Chlorophenyl-phenylether
 Concen: 39.503 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

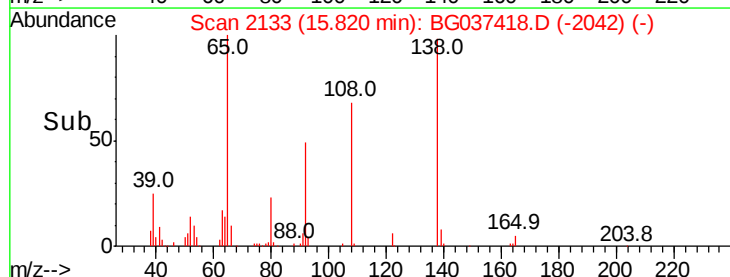
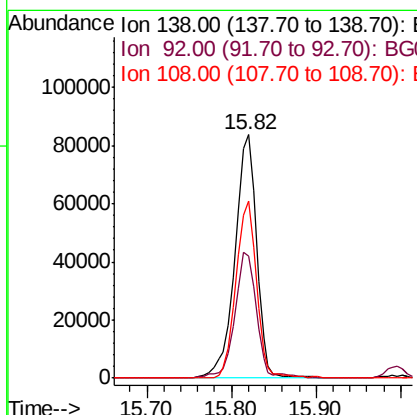
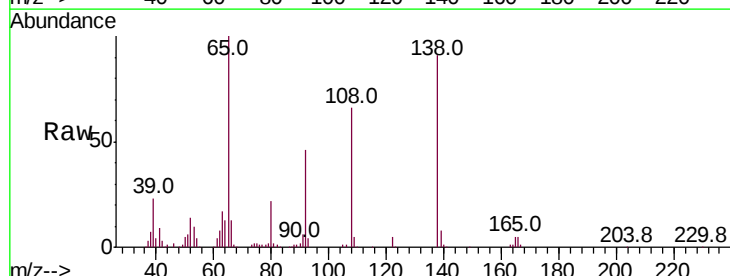
Instrument :
 BNA_G
 ClientSampled :

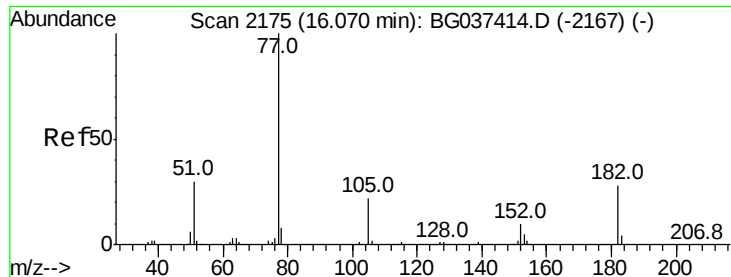
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.6	39.8
141	55.6	45.4	68.2



#62
 4-Nitroaniline
 Concen: 42.520 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	36.4	76.4
108	72.6	60.1	100.1

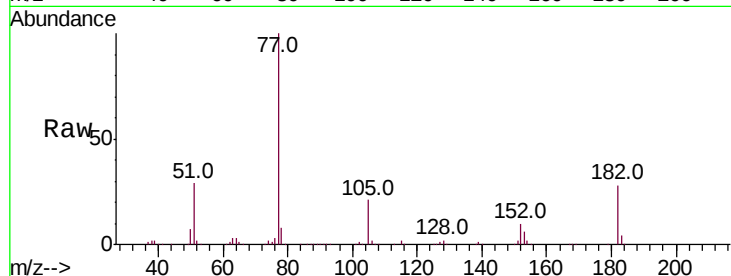




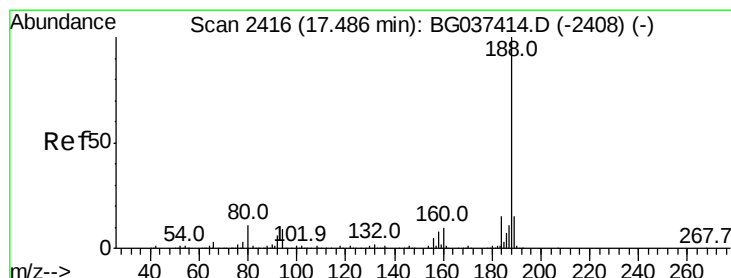
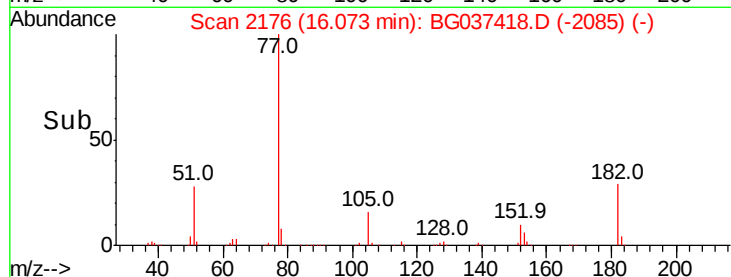
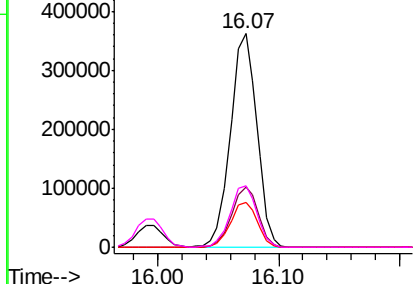
#63
Azobenzene
Concen: 39.668 ng
RT: 16.07 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.0	48.0
105	20.9	1.3	41.3
51	28.8	10.7	50.7

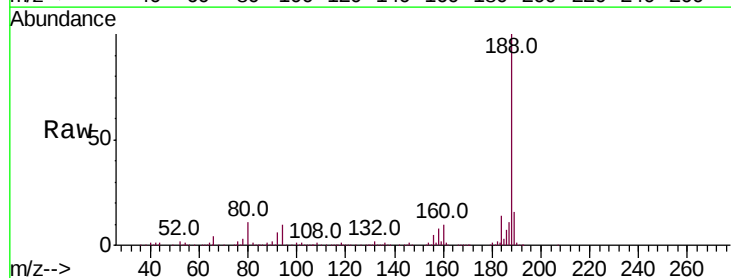


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

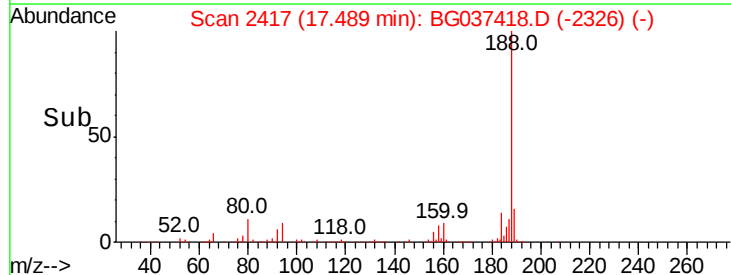
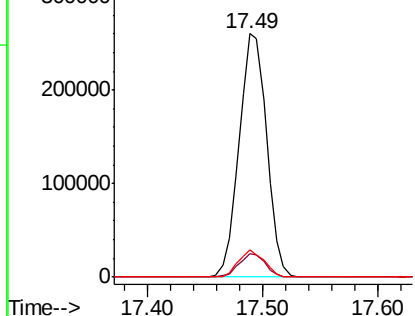


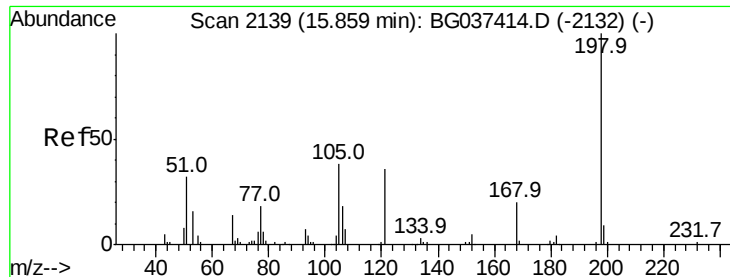
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	11.0	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

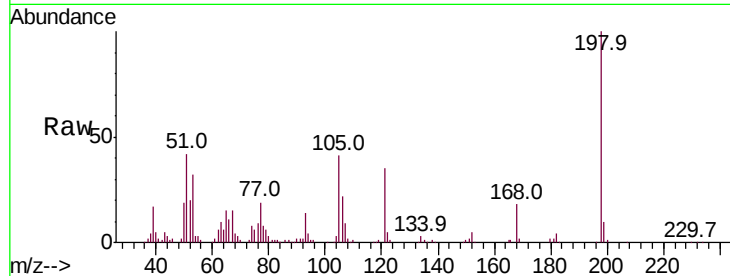




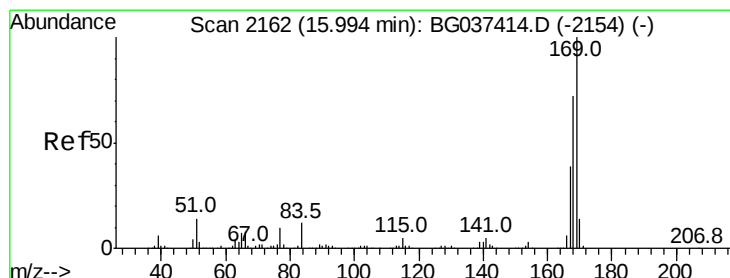
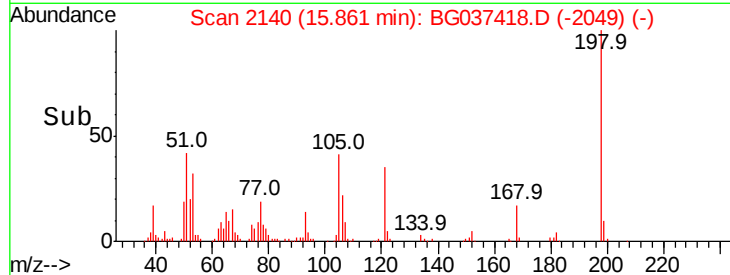
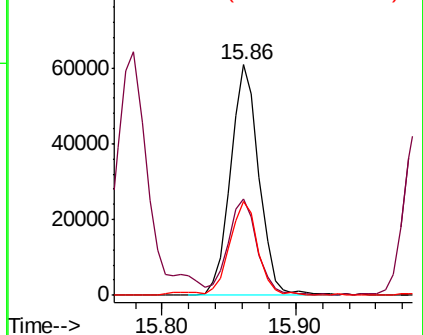
#65
4,6-Dinitro-2-methylphenol
Concen: 41.435 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 90372
Ion Ratio Lower Upper
198 100
51 41.6 22.7 62.7
105 40.7 19.7 59.7

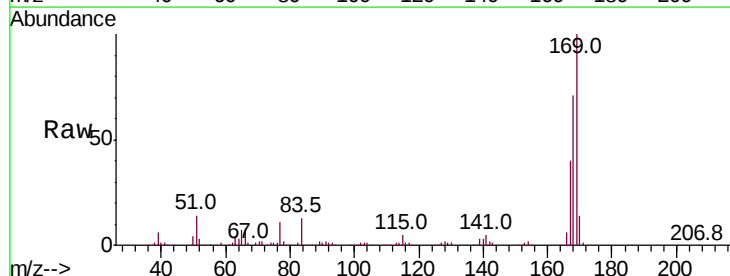


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

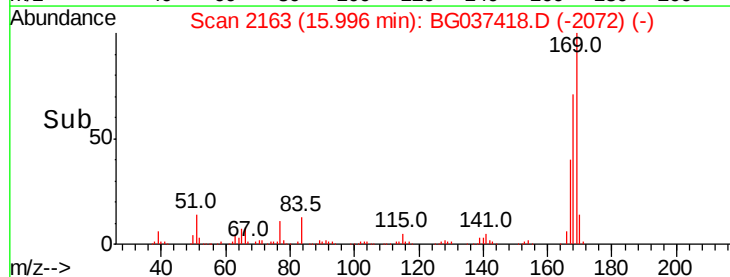
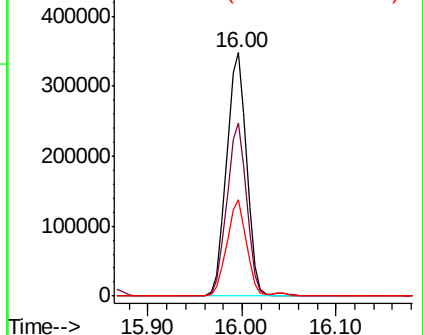


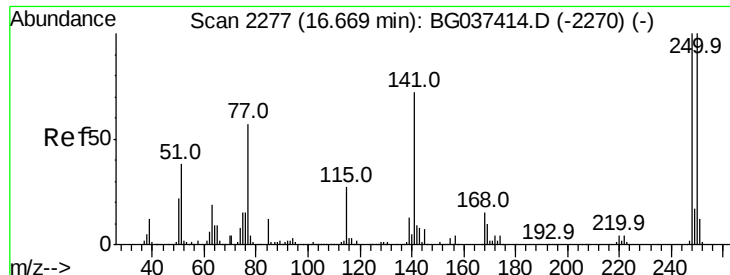
#66
n-Nitrosodiphenylamine
Concen: 40.461 ng
RT: 16.00 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:169 Resp: 523728
Ion Ratio Lower Upper
169 100
168 71.1 55.7 83.5
167 39.5 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

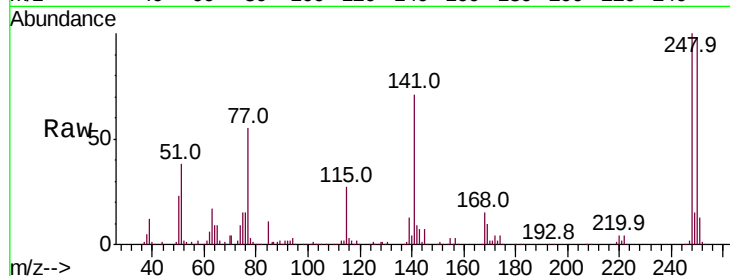




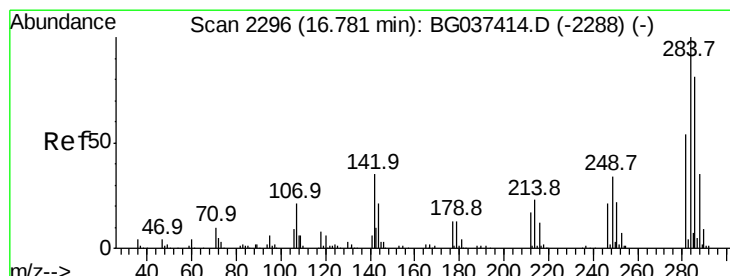
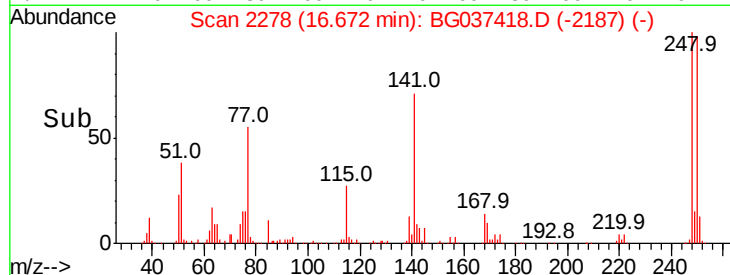
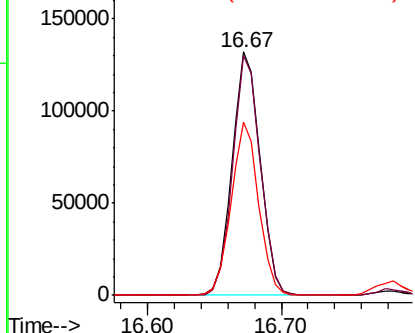
#67
 4-Bromophenyl-phenylether
 Concen: 40.671 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.0	115.6
141	71.2	55.5	83.3

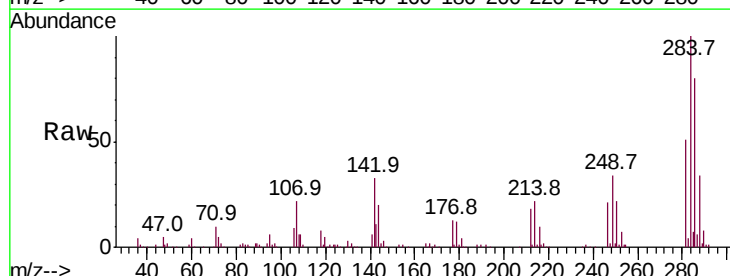


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

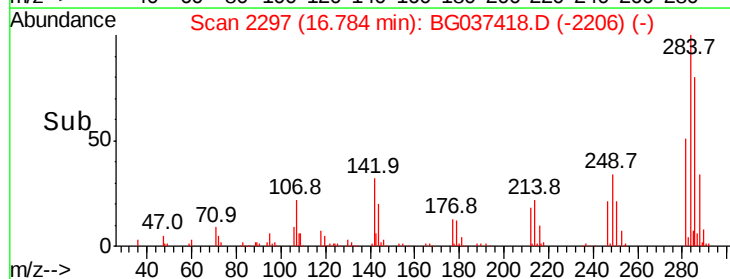
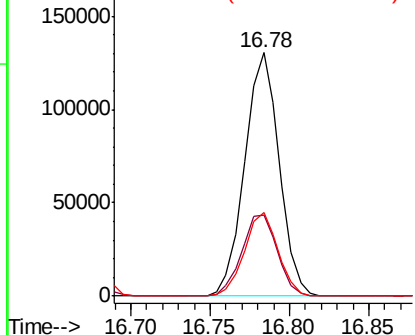


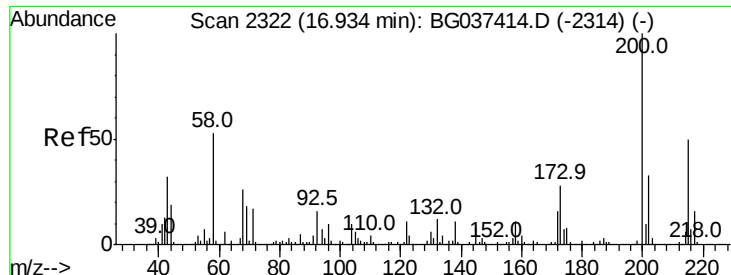
#68
 Hexachlorobenzene
 Concen: 40.079 ng
 RT: 16.78 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.1	42.1
249	36.5	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

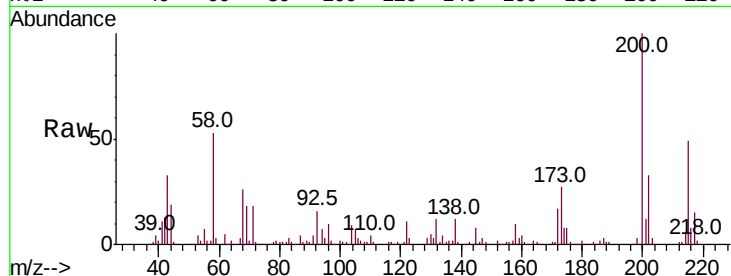




#69
Atrazine
Concen: 41.282 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.1	46.1
215	49.1	30.8	70.8

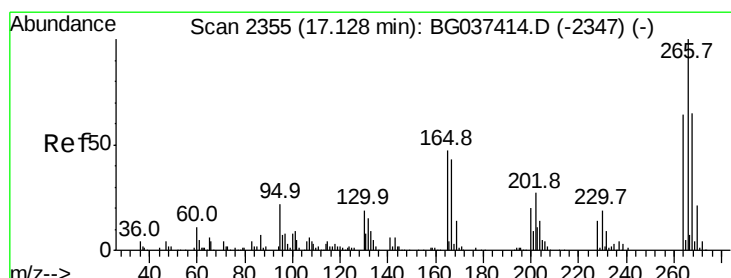
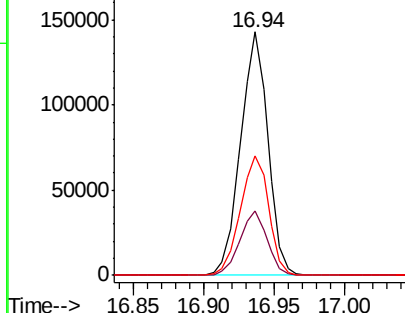
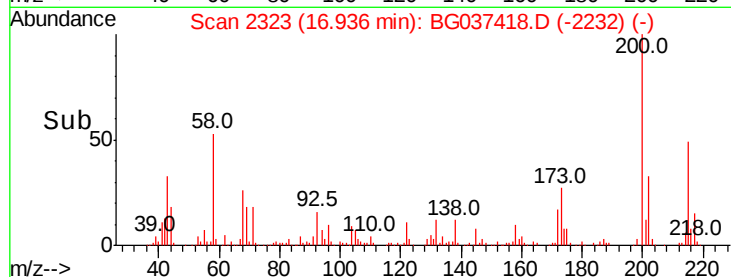


Abundance

Ion 200.00 (199.70 to 200.70): E

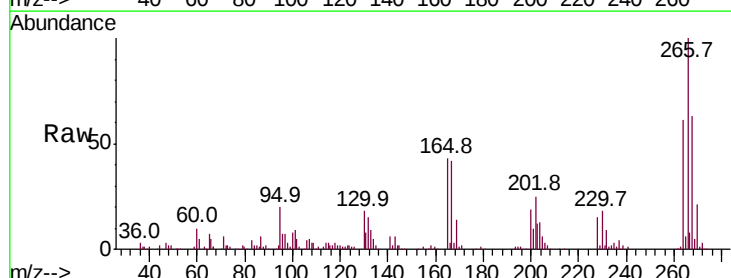
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 42.639 ng
RT: 17.13 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.8	55.0	82.6
264	67.2	58.9	88.3

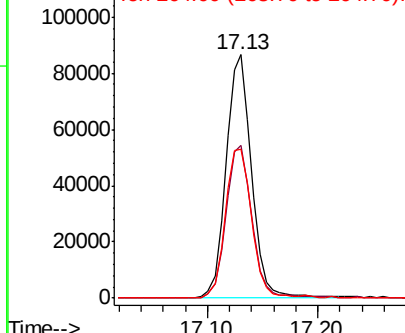
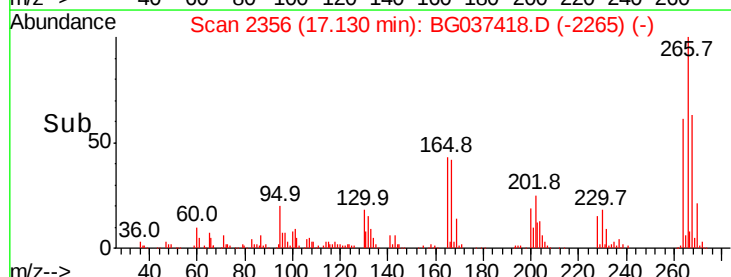


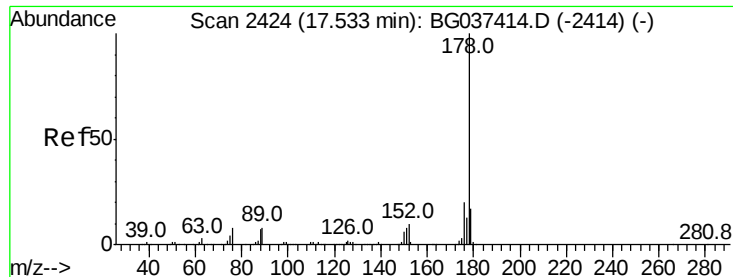
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

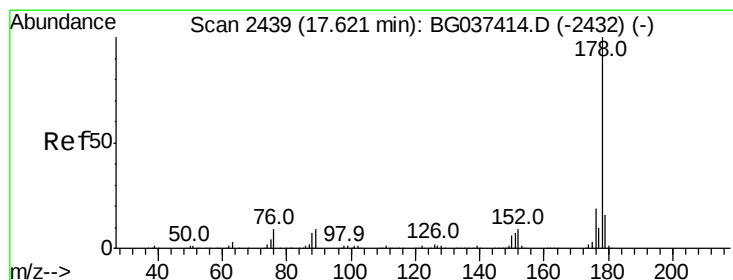
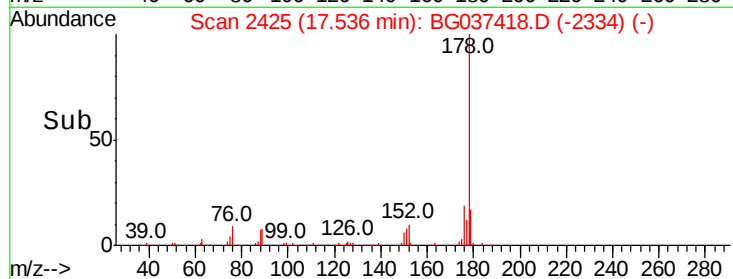
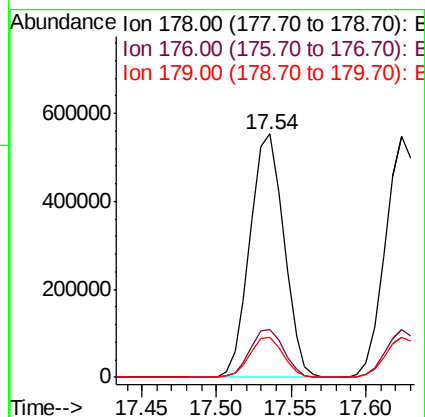
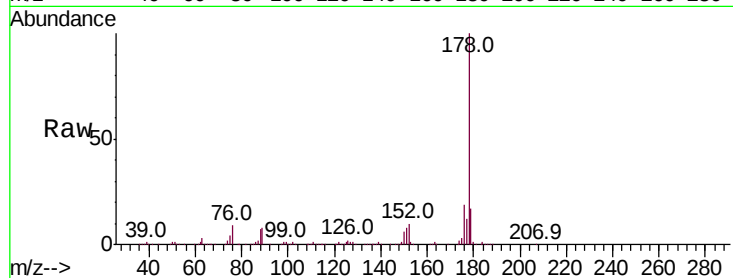




#71
 Phenanthrene
 Concen: 39.897 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

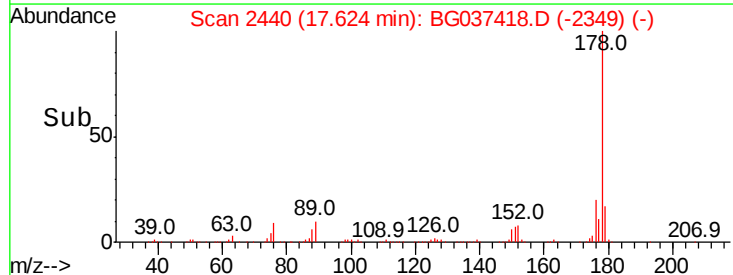
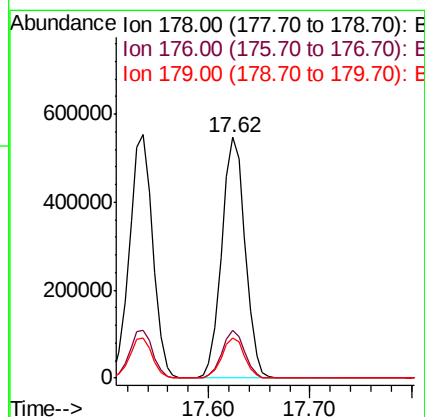
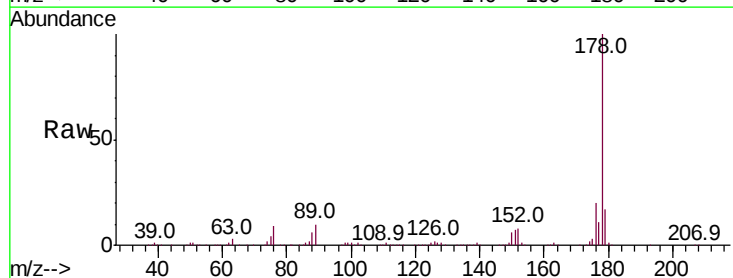
Instrument :
 BNA_G
 ClientSampleId :

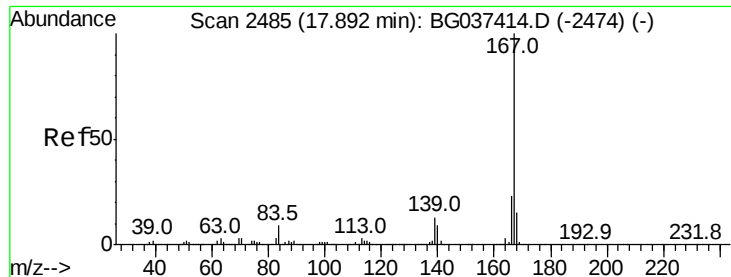
Tot Ion:178 Resp: 872546
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.1 24.1
 179 16.6 13.0 19.4



#72
 Anthracene
 Concen: 40.716 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion:178 Resp: 873861
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.0 22.4
 179 16.7 12.8 19.2

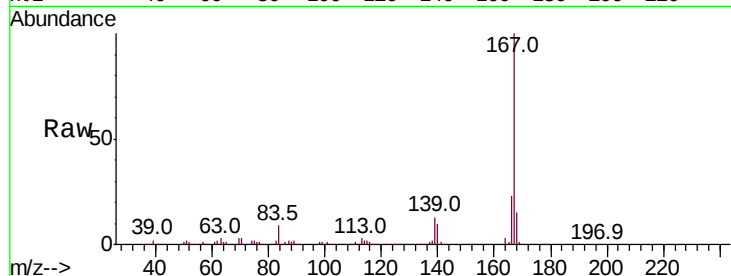




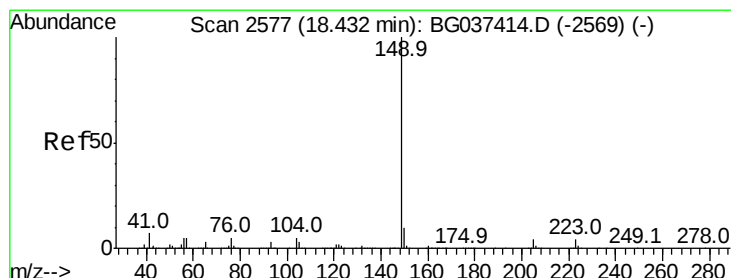
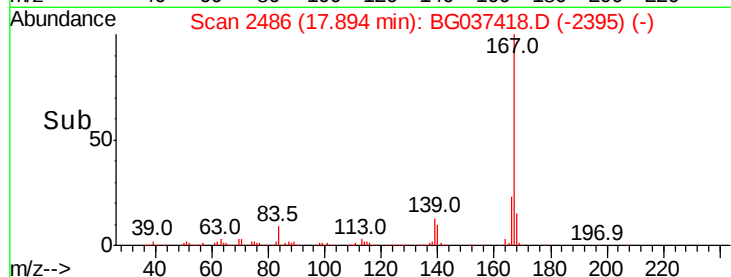
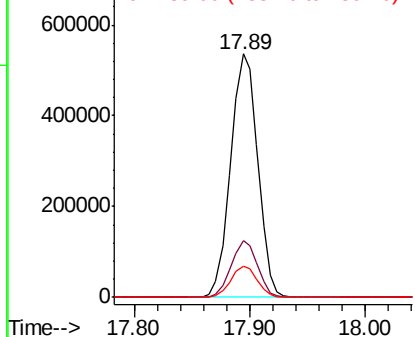
#73
 Carbazole
 Concen: 40.503 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.0	10.5	15.7

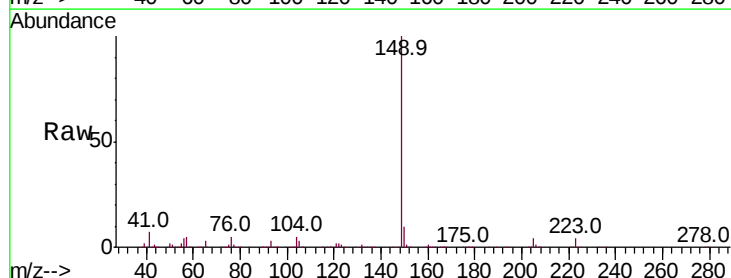


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

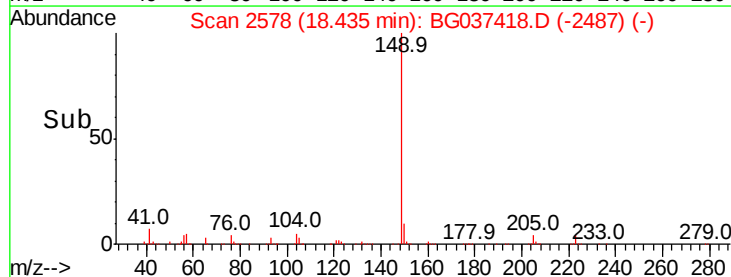
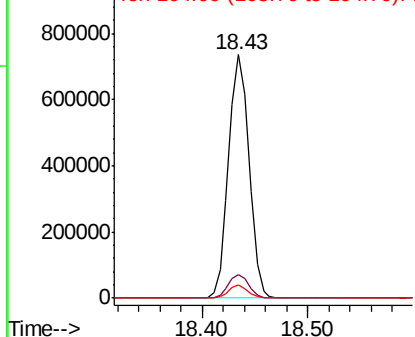


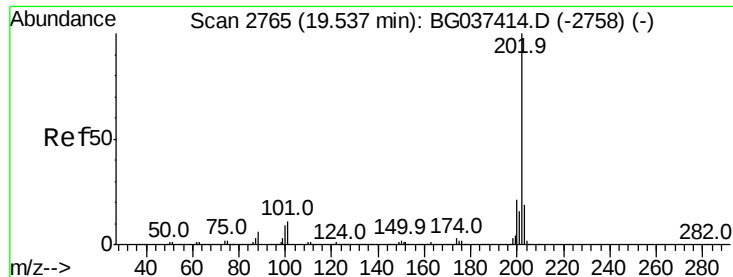
#74
 Di-n-butylphthalate
 Concen: 41.422 ng
 RT: 18.43 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: BG037418.D
 Acq: 18 Oct 2018 14:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	5.2	4.0	6.0



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





#75

Fluoranthene

Concen: 40.223 ng

RT: 19.54 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

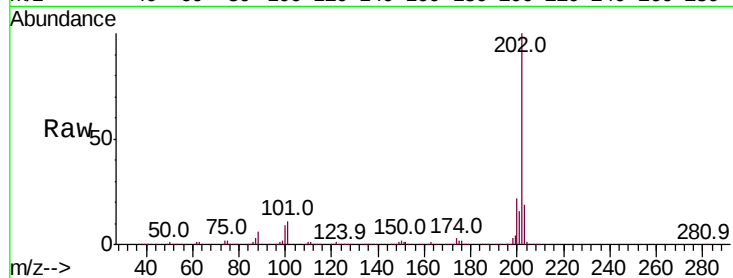
Tot Ion:202 Resp: 997732

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

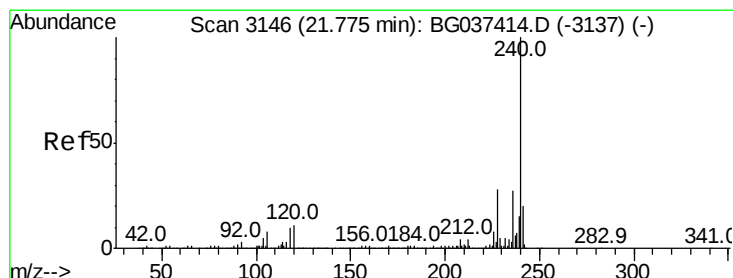
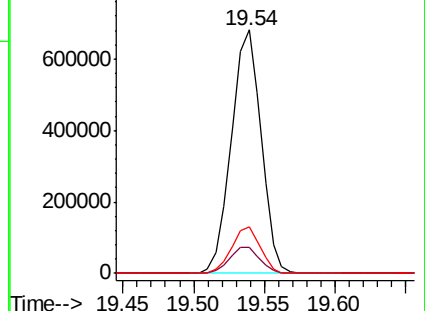
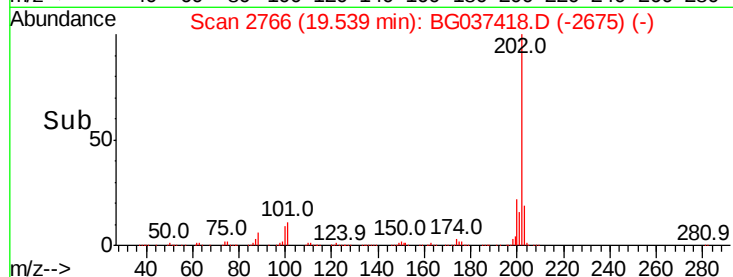
203 19.3 0.0 38.5



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: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

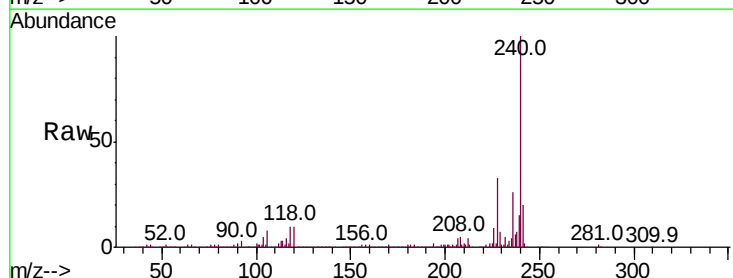
Tgt Ion:240 Resp: 383662

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

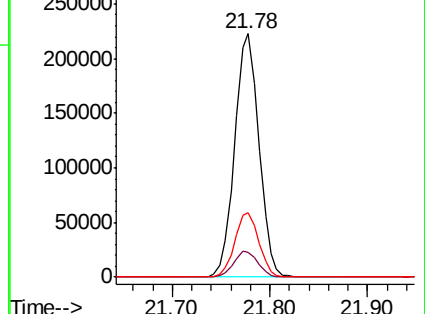
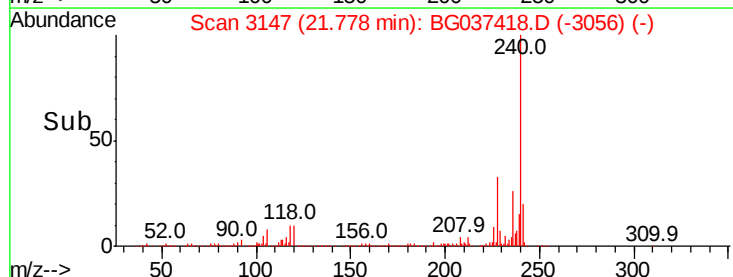
236 26.2 21.4 32.0

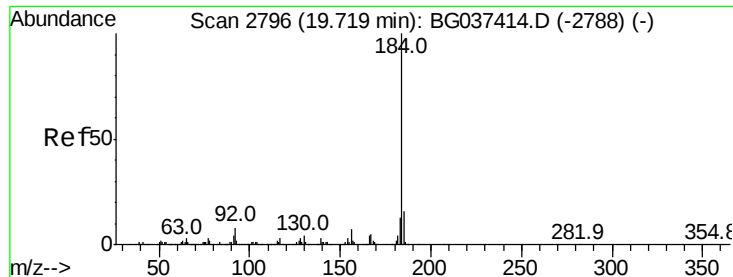


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.342 ng

RT: 19.72 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

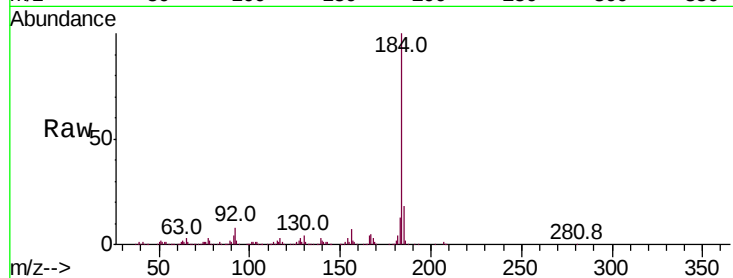
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 552376

Ion	Ratio	Lower	Upper
184	100		
185	17.6	12.6	18.8
183	13.0	10.2	15.2

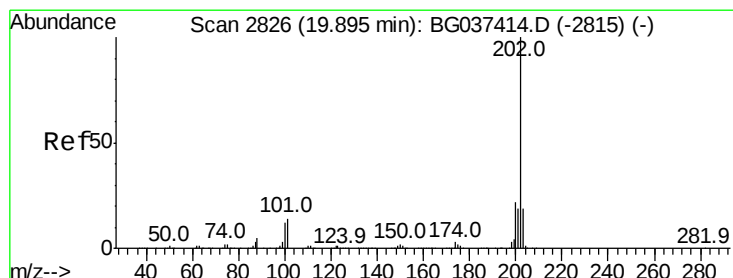
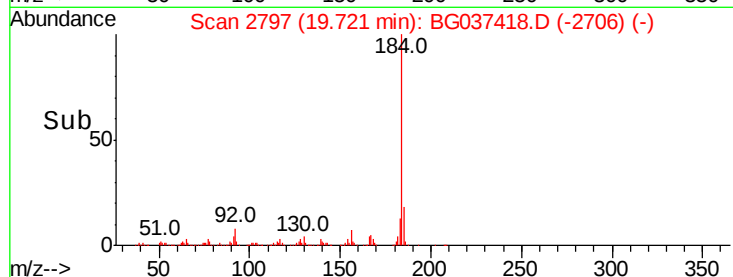
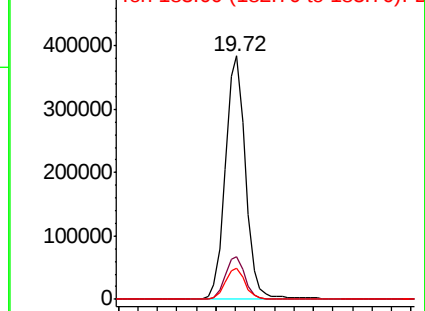


Abundance

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: 40.617 ng

RT: 19.90 min Scan# 2828

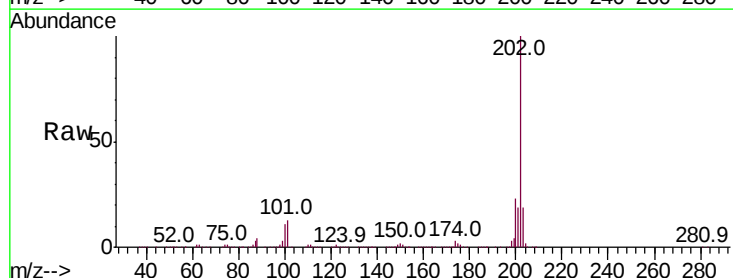
Delta R.T. 0.01 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Tgt Ion:202 Resp: 1018689

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.6
203	18.8	15.2	22.8

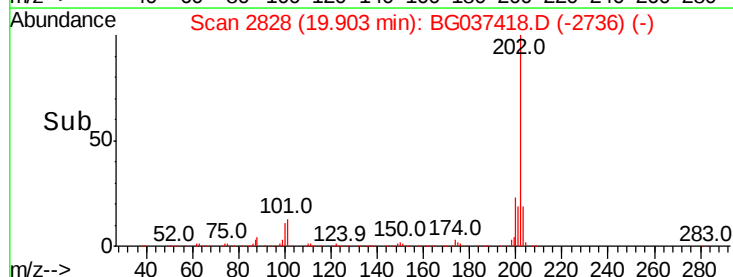
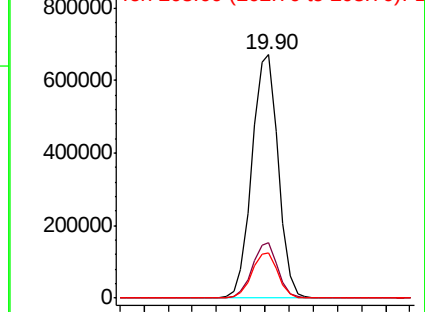


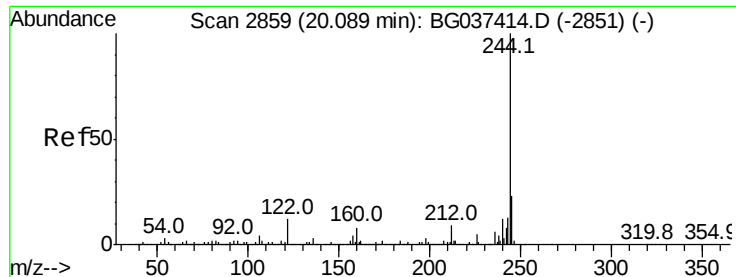
Abundance

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: 80.175 ng

RT: 20.09 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampled :

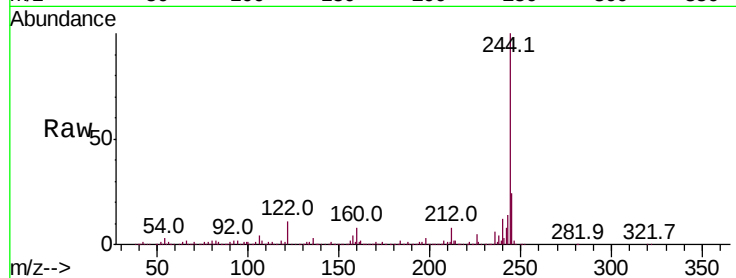
Tot Ion:244 Resp: 1439564

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.2	9.0	13.4

244 100

212 8.4 6.5 9.7

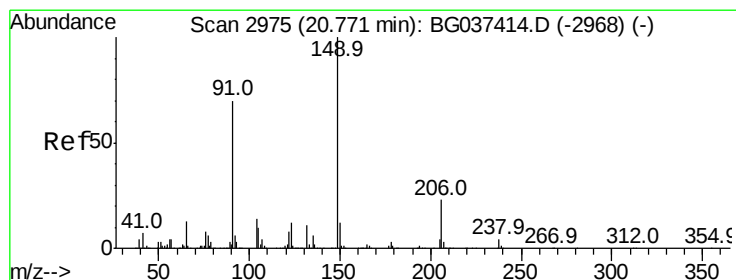
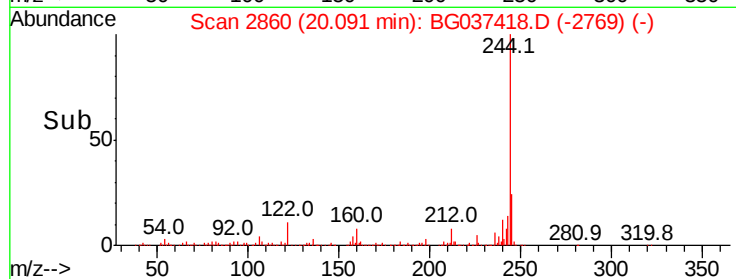
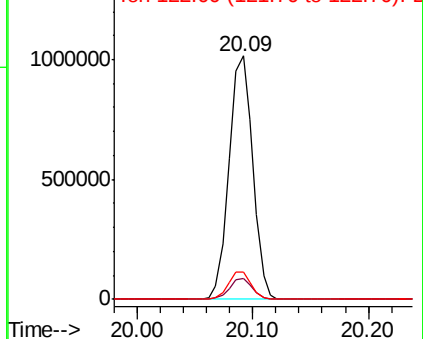
122 11.2 9.0 13.4



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: 42.703 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

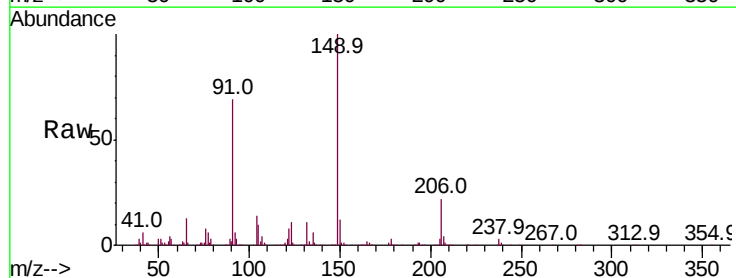
Tgt Ion:149 Resp: 438322

Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.0	85.4
206	22.5	17.8	26.6

149 100

91 69.3 57.0 85.4

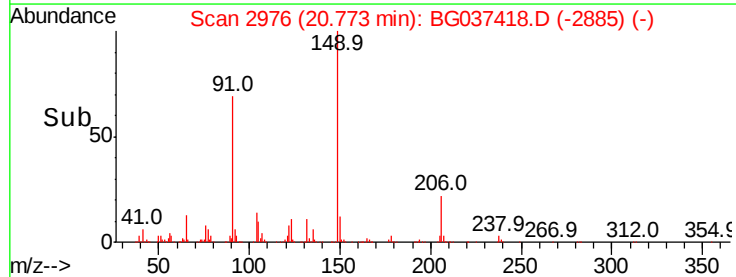
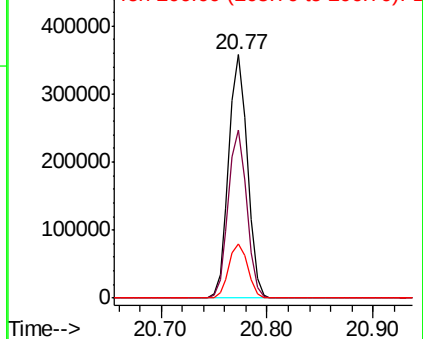
206 22.5 17.8 26.6

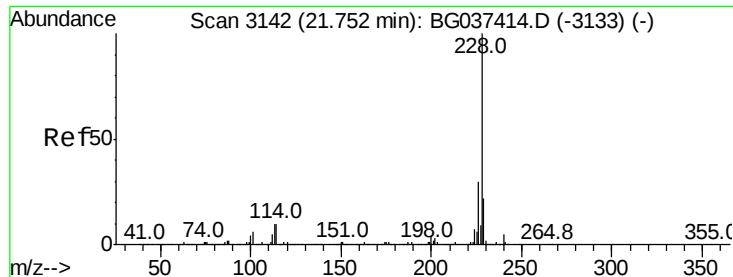


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

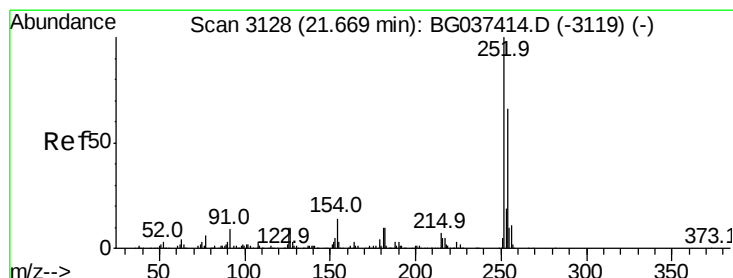
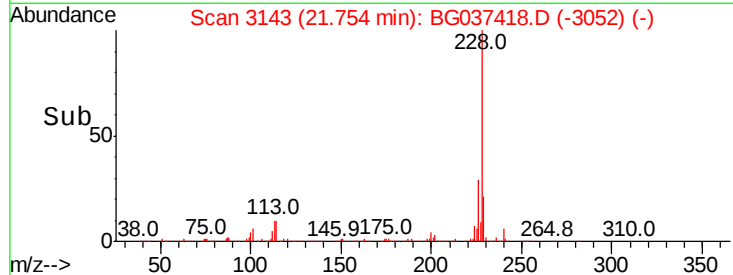
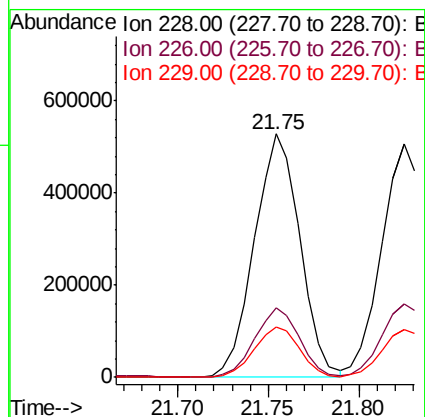
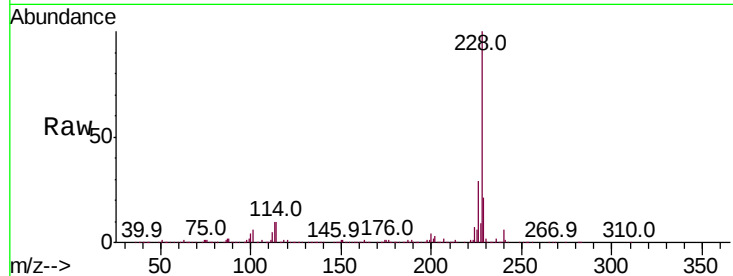




#81
Benzo(a)anthracene
Concen: 40.607 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

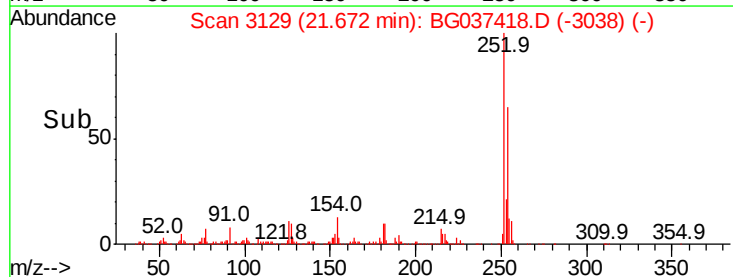
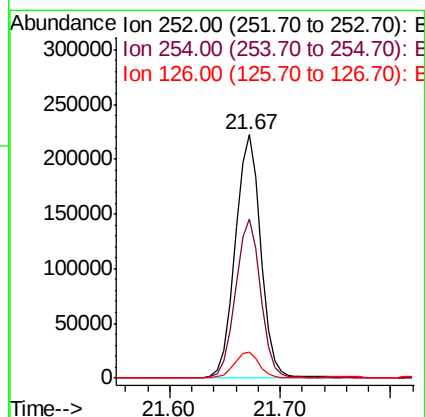
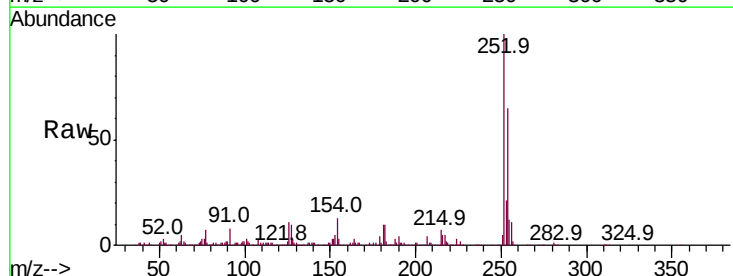
Instrument :
BNA_G
ClientSampleId :

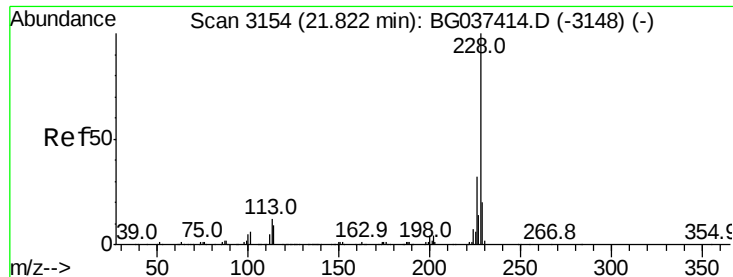
Tot Ion:228 Resp: 921511
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.8 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.013 ng
RT: 21.67 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:252 Resp: 360756
Ion Ratio Lower Upper
252 100
254 65.2 52.0 78.0
126 10.5 8.2 12.4





#83

Chrysene

Concen: 40.185 ng

RT: 21.82 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

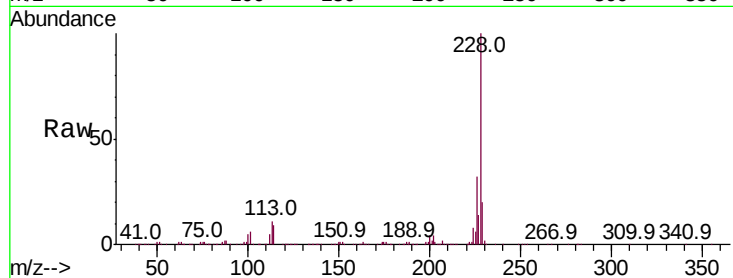
Tot Ion:228 Resp: 876885

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

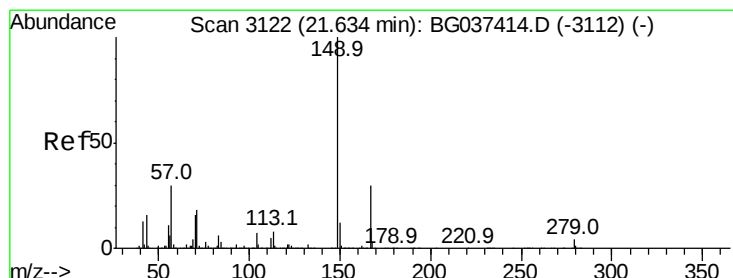
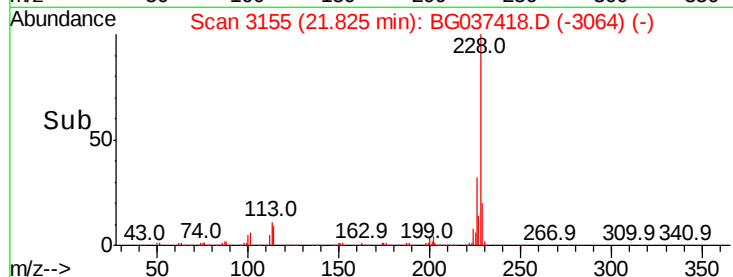
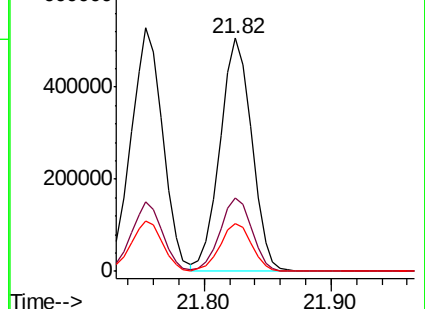
229 20.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.736 ng

RT: 21.64 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

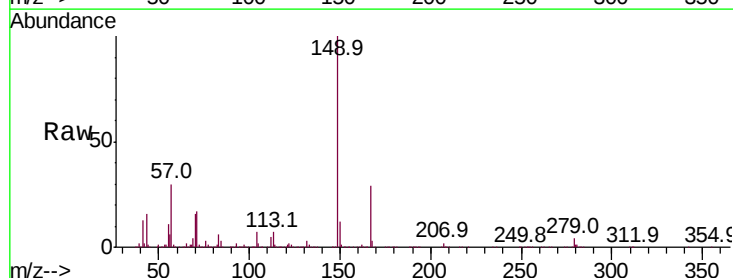
Tgt Ion:149 Resp: 614882

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

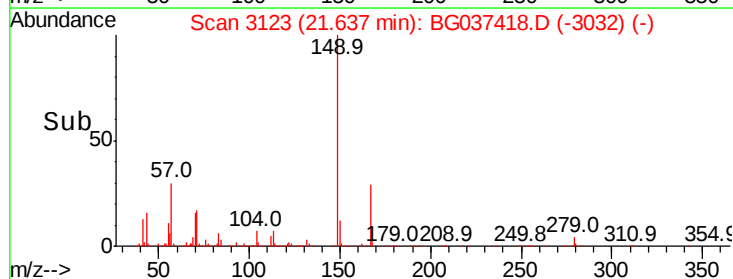
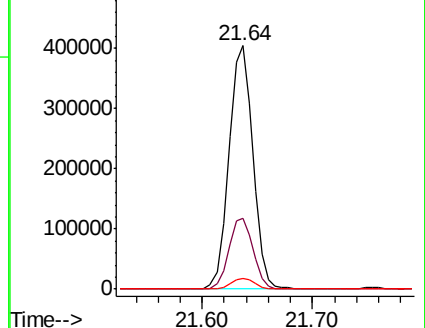
279 4.4 3.6 5.4

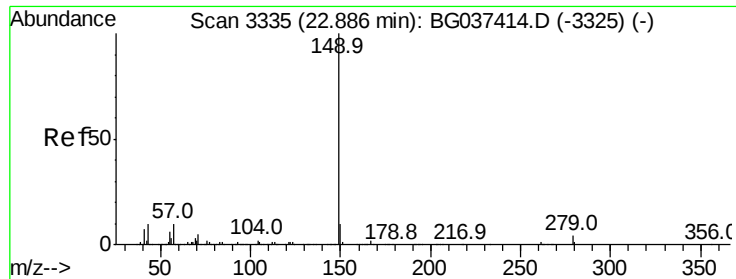


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.931 ng

RT: 22.89 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

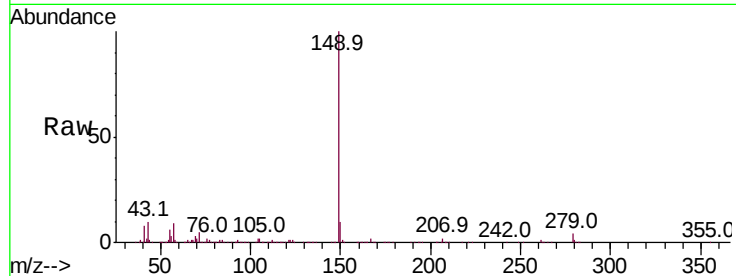
Tot Ion:149 Resp: 1007235

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

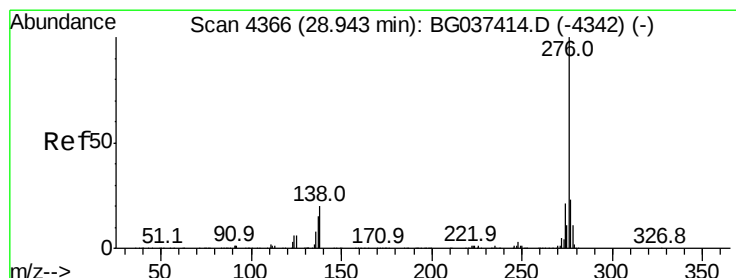
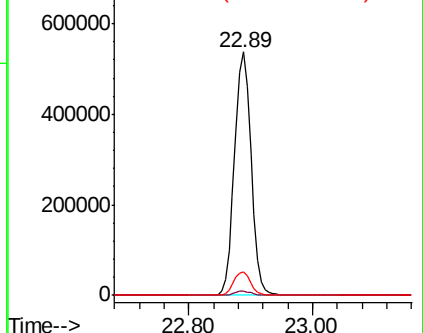
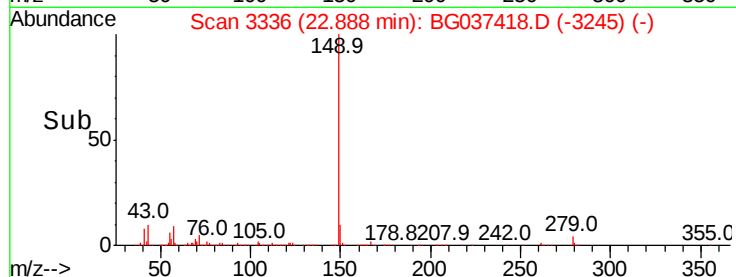
43 9.8 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.013 ng

RT: 28.95 min Scan# 4367

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

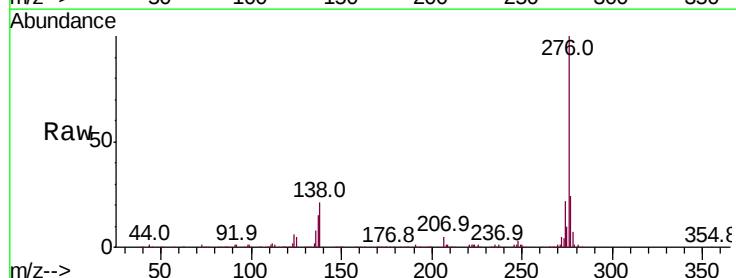
Tgt Ion:276 Resp: 959891

Ion Ratio Lower Upper

276 100

138 18.4 12.0 18.0#

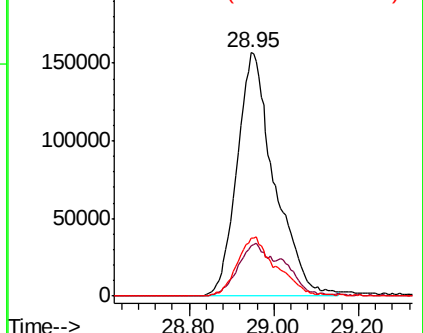
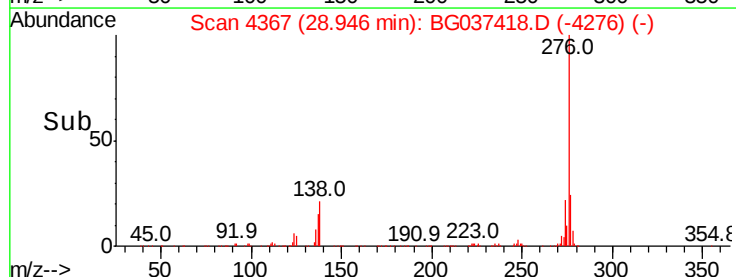
277 25.1 20.6 30.8

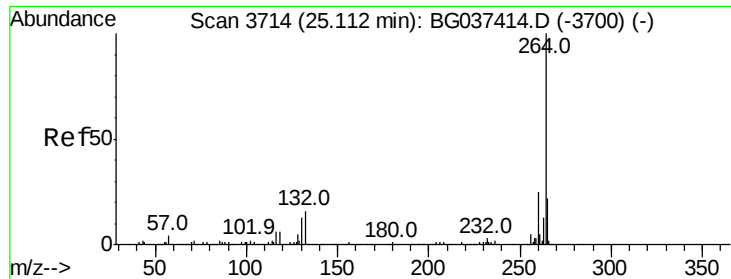


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

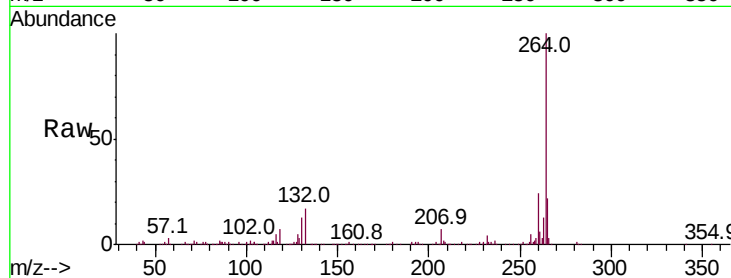
Tot Ion:264 Resp: 398669

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.7	17.9	26.9

264 100

260 24.0 18.2 27.4

265 21.7 17.9 26.9

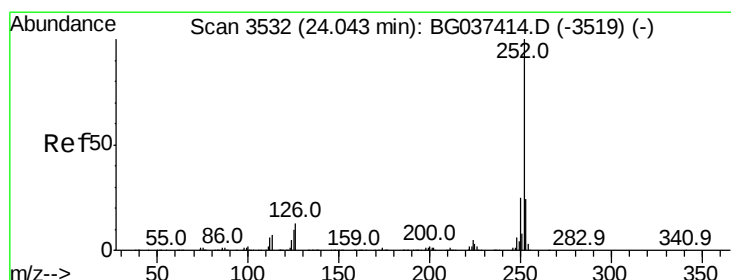
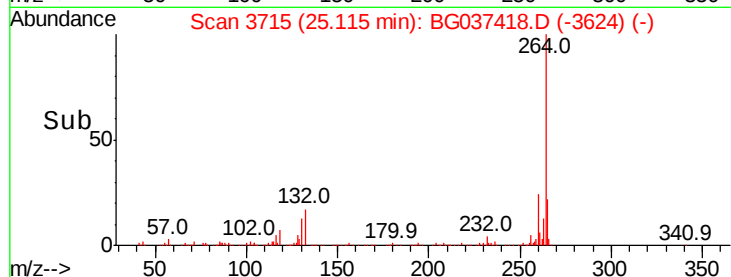
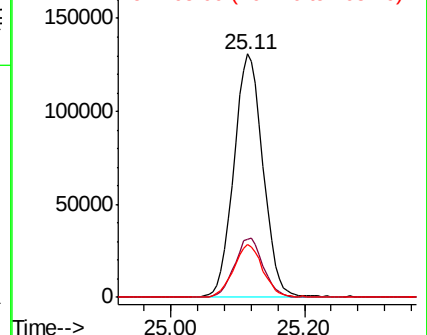


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.259 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

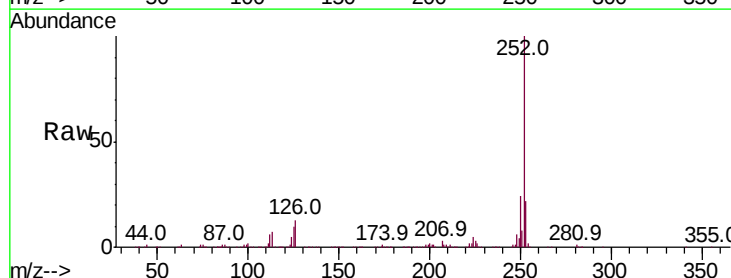
Tgt Ion:252 Resp: 879914

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.8	7.8	11.6

252 100

253 22.4 18.2 27.2

125 9.8 7.8 11.6

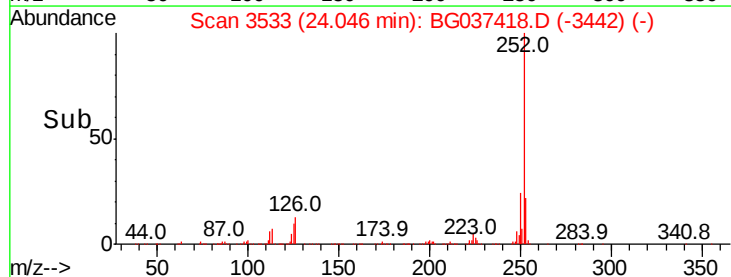
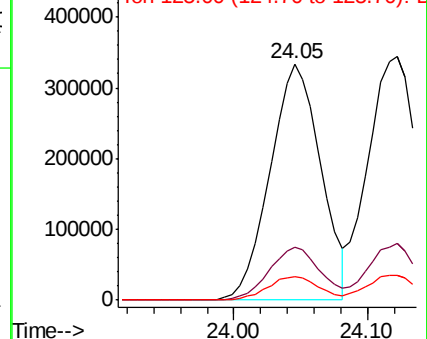


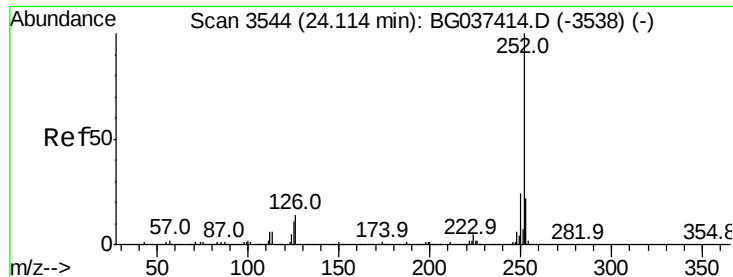
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

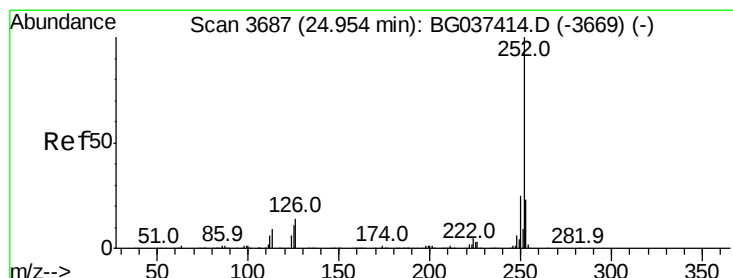
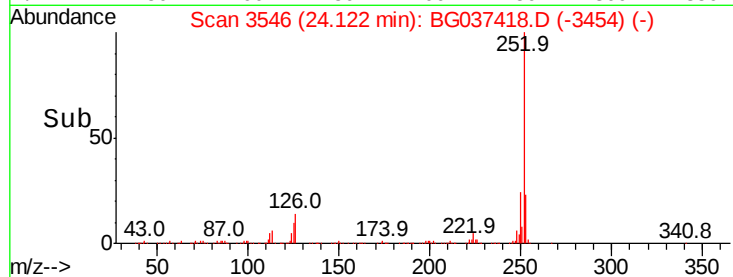
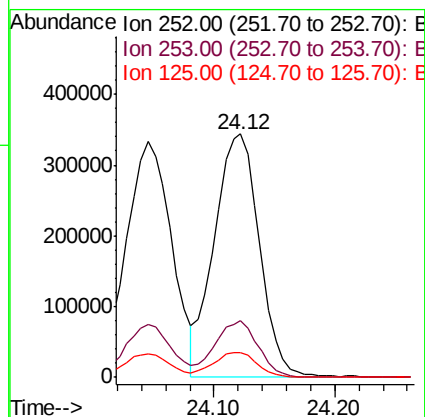
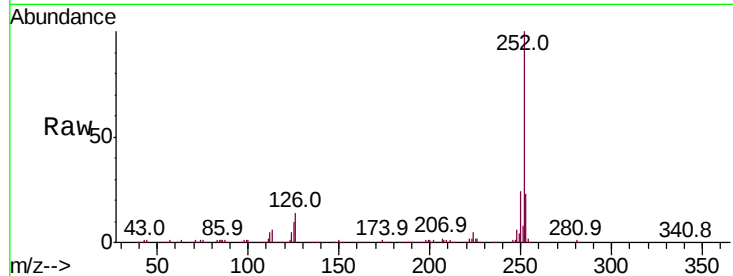




#89
Benzo(k)fluoranthene
Concen: 41.283 ng
RT: 24.12 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

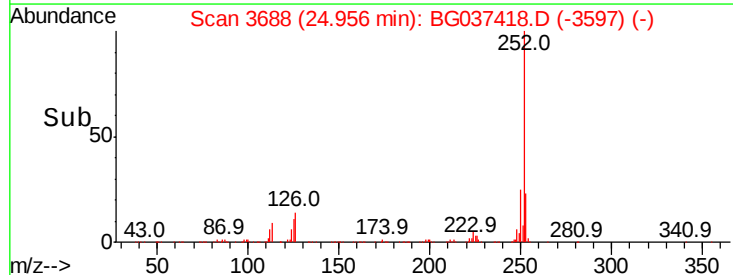
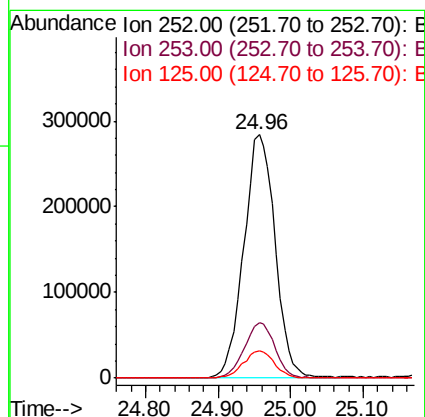
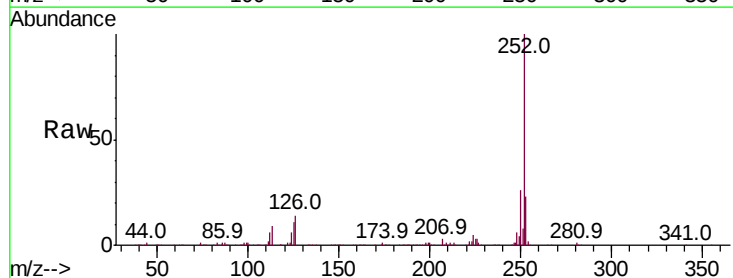
Instrument :
BNA_G
ClientSampled :

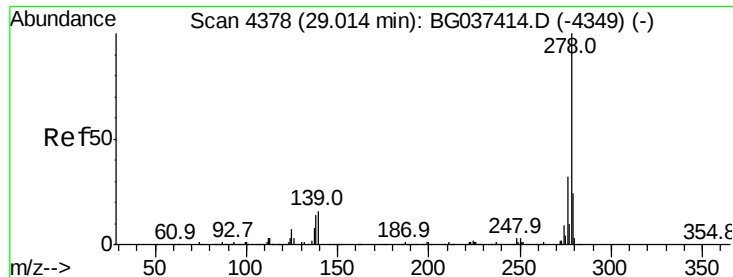
Tot Ion:252 Resp: 884023
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 10.1 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.902 ng
RT: 24.96 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG037418.D
Acq: 18 Oct 2018 14:03

Tgt Ion:252 Resp: 849483
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.670 ng

RT: 29.02 min Scan# 4380

Delta R.T. 0.01 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

Instrument :

BNA_G

ClientSampleId :

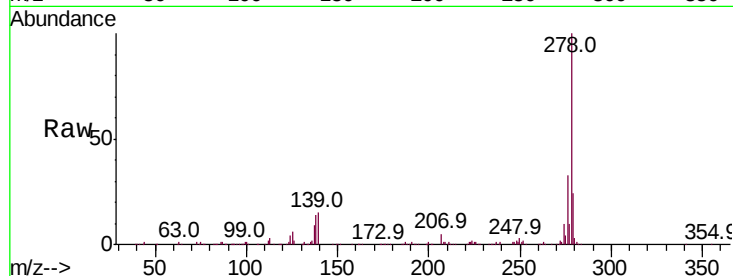
Tot Ion:278 Resp: 779135

Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	24.1	18.6	27.8

278 100

139 15.4 11.5 17.3

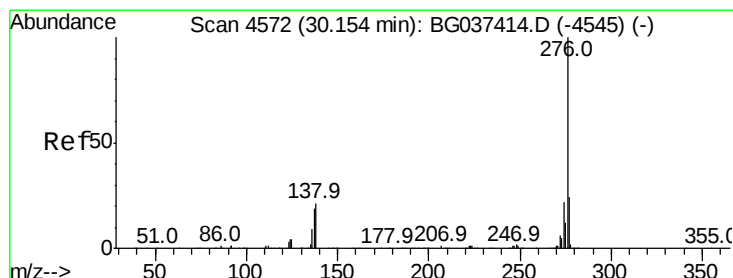
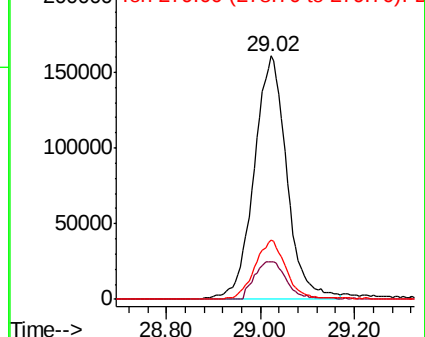
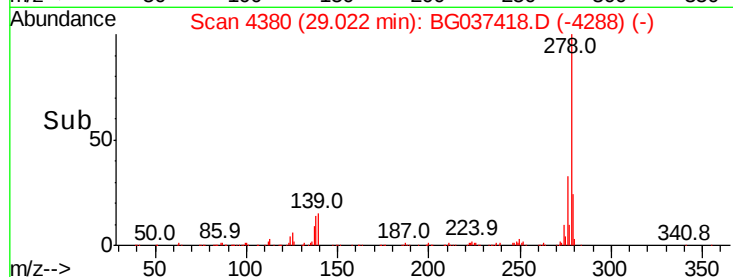
279 24.1 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.963 ng

RT: 30.15 min Scan# 4572

Delta R.T. -0.00 min

Lab File: BG037418.D

Acq: 18 Oct 2018 14:03

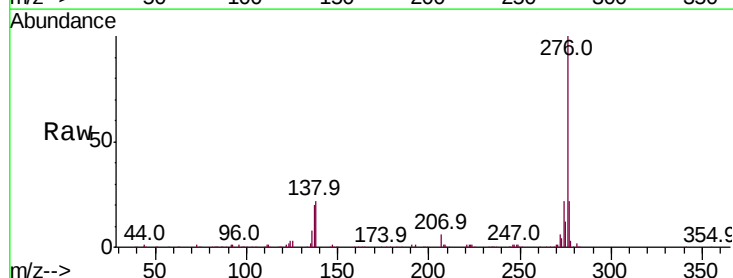
Tgt Ion:276 Resp: 774557

Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.9	28.3
138	21.9	17.2	25.8

276 100

277 22.4 18.9 28.3

138 21.9 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

