

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037471.D
 Acq On : 20 Oct 2018 4:20
 Operator : JU/SJ
 Sample : PB113548BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Quant Time: Oct 20 06:04:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60447	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	264637	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	170992	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	422864	20.00	ng	0.00
76) Chrysene-d12	21.78	240	396206	20.00	ng	0.00
87) Perylene-d12	25.11	264	421695	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	388426	107.43	ng	0.00
7) Phenol-d6	7.25	99	554608	101.44	ng	0.00
23) Nitrobenzene-d5	9.29	82	456671	96.67	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	195603	104.88	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1053800	92.93	ng	0.00
79) Terphenyl-d14	20.09	244	1666565	89.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53518	29.188	ng	# 95
3) Pyridine	3.93	79	162470	35.156	ng	94
4) n-Nitrosodimethylamine	3.85	42	78607	47.755	ng	# 98
6) Aniline	7.43	93	213191	31.965	ng	97
8) 2-Chlorophenol	7.67	128	197454	46.683	ng	98
9) Benzaldehyde	7.25	77	51802	15.147	ng	97
10) Phenol	7.28	94	271953	47.145	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	182616	41.682	ng	95
12) 1,3-Dichlorobenzene	7.99	146	187201	39.756	ng	95
13) 1,4-Dichlorobenzene	8.14	146	192378	39.940	ng	97
14) 1,2-Dichlorobenzene	8.46	146	184446	39.809	ng	98
15) Benzyl Alcohol	8.35	79	177816	44.017	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	334209	42.633	ng	98
17) 2-Methylphenol	8.53	107	179381	47.037	ng	99
18) Hexachloroethane	9.19	117	68368	41.635	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	150148	39.882	ng	99
20) 3+4-Methylphenols	8.87	107	249818	45.817	ng	100
22) Acetophenone	8.94	105	288686	43.497	ng	# 96
24) Nitrobenzene	9.33	77	220291	44.888	ng	95
25) Isophorone	9.85	82	431335	49.971	ng	98
26) 2-Nitrophenol	10.04	139	101497	45.909	ng	98
27) 2,4-Dimethylphenol	10.08	122	213006	53.961	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	263135	46.529	ng	96
29) 2,4-Dichlorophenol	10.57	162	211038	48.017	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	197878	41.401	ng	98
31) Naphthalene	10.98	128	599030	46.085	ng	99
32) Benzoic acid	10.22	122	128190	49.999	ng	99
33) 4-Chloroaniline	11.09	127	115261	18.872	ng	95
34) Hexachlorobutadiene	11.24	225	115395	40.737	ng	94
35) Caprolactam	11.88	113	49529	28.099	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	235524	47.517	ng	98
37) 2-Methylnaphthalene	12.58	142	455583	48.081	ng	98
38) 1-Methylnaphthalene	12.79	142	434984	47.272	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	228963	41.513	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	289299	109.809	ng	98
43) 2,4,6-Trichlorophenol	13.18	196	175942	47.749	ng	100
44) 2,4,5-Trichlorophenol	13.25	196	194404	48.457	ng	99
46) 1,1'-Biphenyl	13.58	154	598612	42.272	ng	99
47) 2-Chloronaphthalene	13.62	162	471412	44.002	ng	99
48) 2-Nitroaniline	13.83	65	161284	49.643	ng	97
49) Acenaphthylene	14.47	152	794366	49.291	ng	100
50) Dimethylphthalate	14.19	163	637252	48.174	ng	100
51) 2,6-Dinitrotoluene	14.32	165	141761	48.443	ng	96
52) Acenaphthene	14.81	154	463871	46.736	ng	99
53) 3-Nitroaniline	14.65	138	101479	31.237	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	125789	89.701	ng	92
55) Dibenzofuran	15.14	168	740091	45.005	ng	97
56) 4-Nitrophenol	14.95	139	257427	107.054	ng	97
57) 2,4-Dinitrotoluene	15.10	165	203252	52.912	ng	98
58) Fluorene	15.79	166	600971	48.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	173802	50.598	ng	97
60) Diethylphthalate	15.55	149	659627	48.570	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	315015	43.888	ng	98
62) 4-Nitroaniline	15.82	138	160475	49.712	ng	93
63) Azobenzene	16.07	77	620120	47.857	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	101406	46.107	ng	97
66) n-Nitrosodiphenylamine	15.99	169	563367	44.290	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	202738	43.658	ng	98
68) Hexachlorobenzene	16.78	284	205805	42.762	ng	96
69) Atrazine	16.94	200	219666	47.765	ng	100
70) Pentachlorophenol	17.12	266	260683	80.862	ng	96
71) Phenanthrene	17.53	178	1018032	47.370	ng	98
72) Anthracene	17.62	178	1041943	49.403	ng	98
73) Carbazole	17.89	167	971072	46.029	ng	99
74) Di-n-butylphthalate	18.43	149	1126784	48.013	ng	99
75) Fluoranthene	19.53	202	1217527	49.950	ng	97
77) Benzidine	19.72	184	354473	26.312	ng	98
78) Pyrene	19.90	202	1211701	46.783	ng	99
80) Butylbenzylphthalate	20.77	149	525444	49.570	ng	97
81) Benzo(a)anthracene	21.75	228	1145616	48.884	ng	96
82) 3,3'-Dichlorobenzidine	21.67	252	273430	30.101	ng	99
83) Chrysene	21.83	228	1065880	47.300	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	732656	49.310	ng	98
85) Di-n-octyl phthalate	22.88	149	1245635	51.411	ng	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1226491	50.745	ng	# 97
88) Benzo(b)fluoranthene	24.05	252	1156453	50.022	ng	98
89) Benzo(k)fluoranthene	24.05	252	1156453	51.057	ng	97
90) Benzo(a)pyrene	24.96	252	1110617	50.555	ng	99
91) Dibenzo(a,h)anthracene	29.02	278	999124	49.305	ng	96
92) Benzo(g,h,i)perylene	30.15	276	1030245	50.253	ng	99

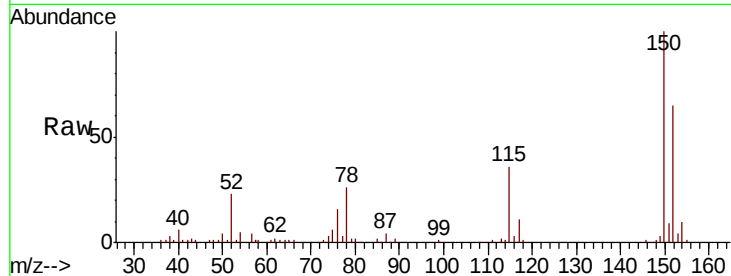
(#) = qualifier out of range (m) = manual integration (+) = signals summed



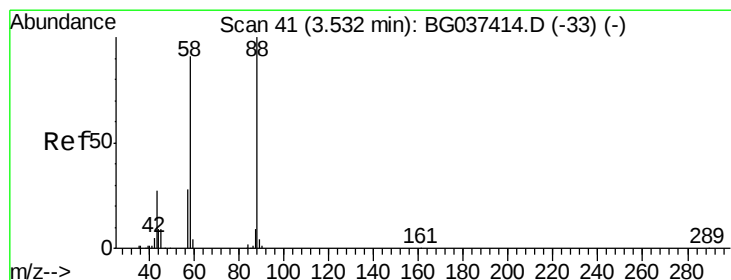
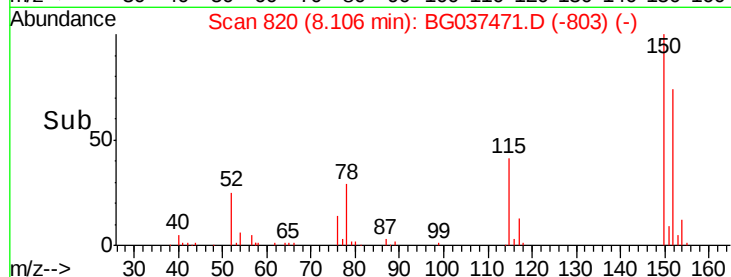
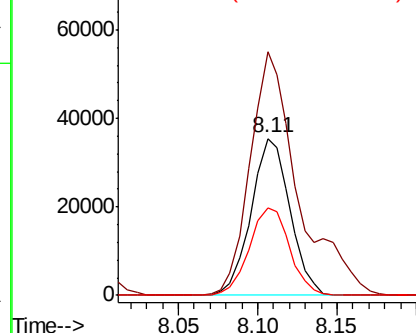
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion:152 Resp: 60447
 Ion Ratio Lower Upper
 152 100
 150 155.0 126.0 189.0
 115 55.5 45.5 68.3

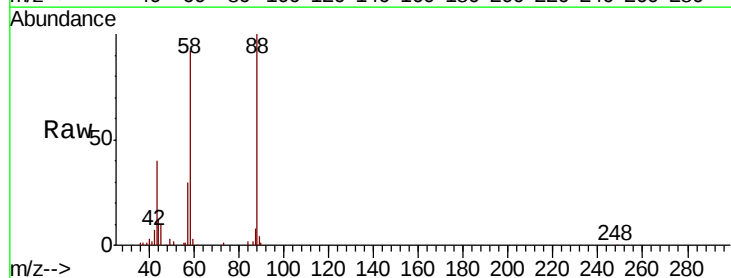


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

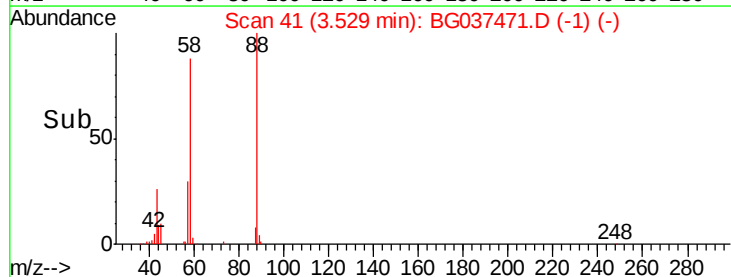
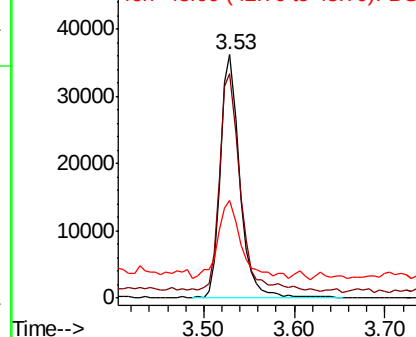


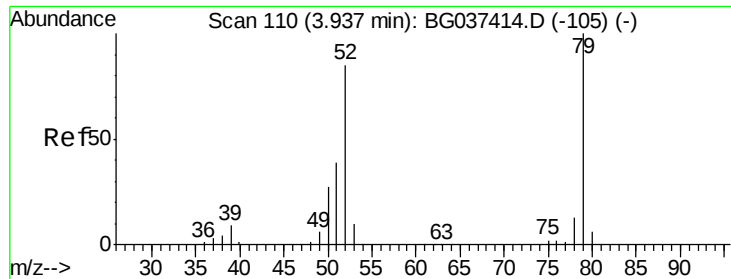
#2
 1,4-Dioxane
 Concen: 29.188 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion: 88 Resp: 53518
 Ion Ratio Lower Upper
 88 100
 58 95.1 74.4 111.6
 43 38.8 25.8 38.8#



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





#3

Pyridine

Concen: 35.156 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

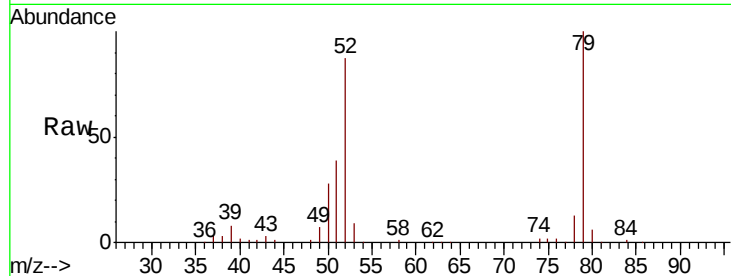
Tgt Ion: 79 Resp: 162470

Ion Ratio Lower Upper

79 100

52 87.0 74.2 111.2

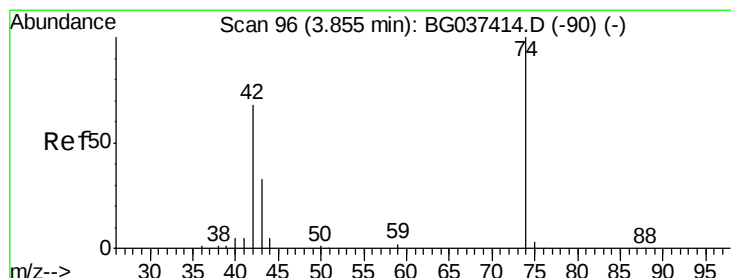
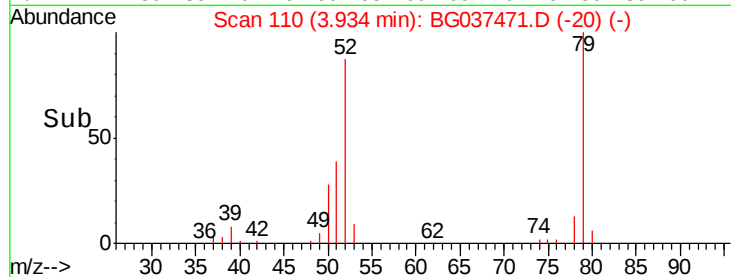
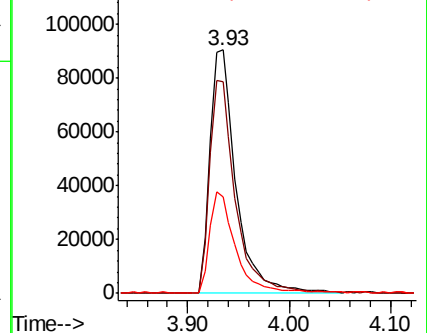
51 39.4 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.755 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

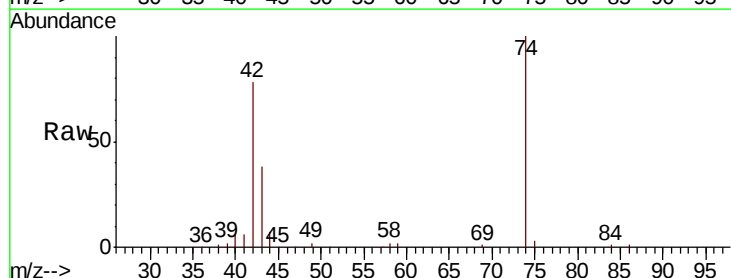
Tgt Ion: 42 Resp: 78607

Ion Ratio Lower Upper

42 100

74 129.0 102.0 153.0

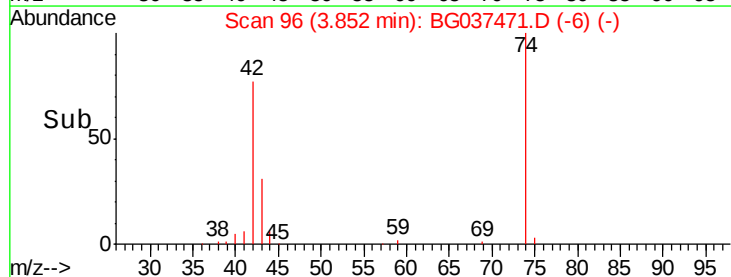
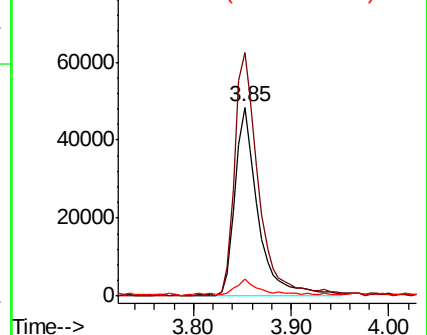
44 9.2 9.6 14.4#

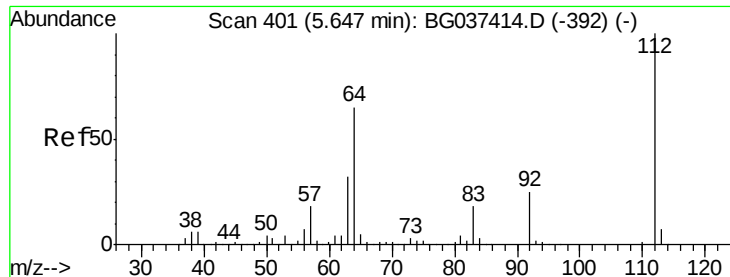


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 107.432 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

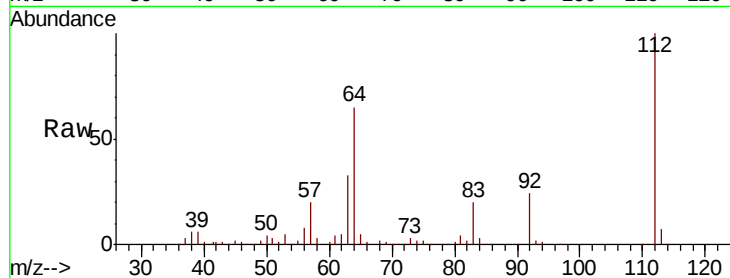
Tgt Ion: 112 Resp: 388426

Ion Ratio Lower Upper

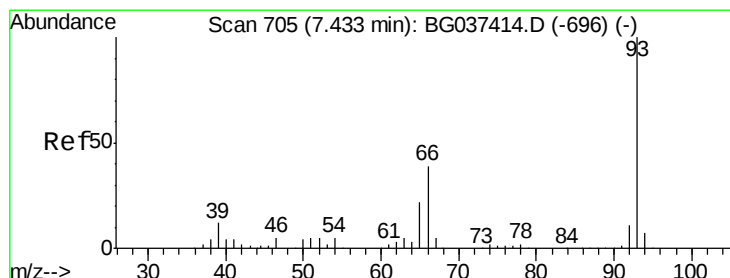
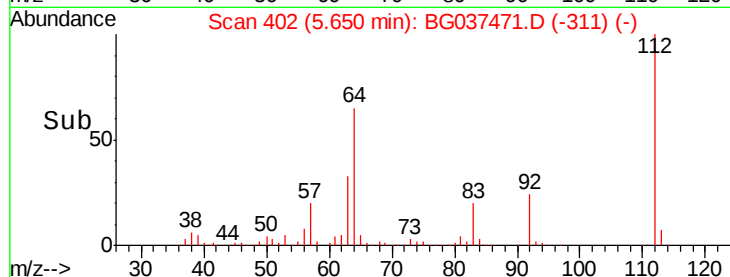
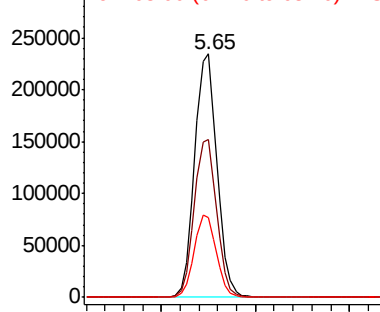
112 100

64 64.8 53.1 79.7

63 32.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.965 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

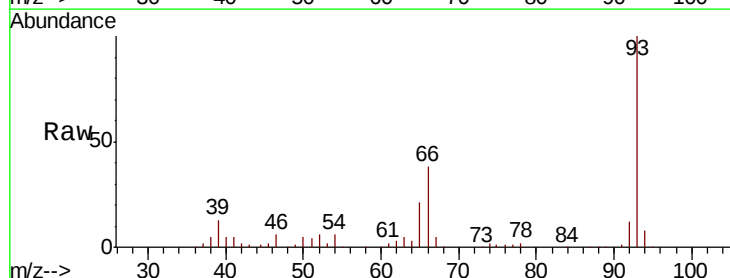
Tgt Ion: 93 Resp: 213191

Ion Ratio Lower Upper

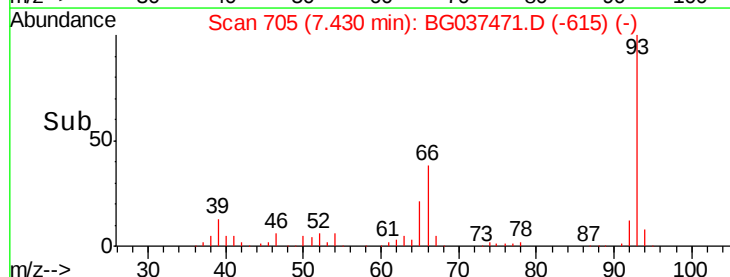
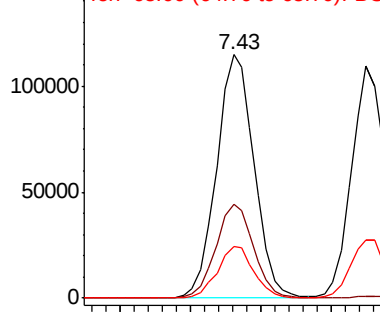
93 100

66 38.4 32.8 49.2

65 21.4 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: 101.443 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

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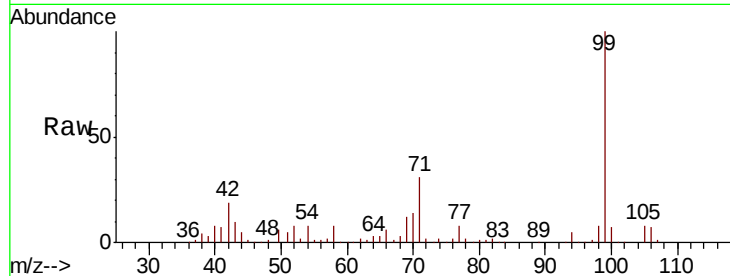
Tgt Ion: 99 Resp: 554608

Ion Ratio Lower Upper

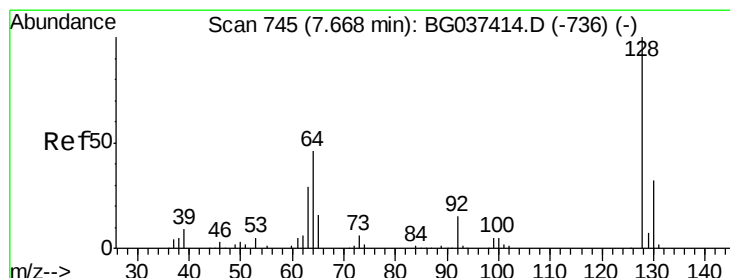
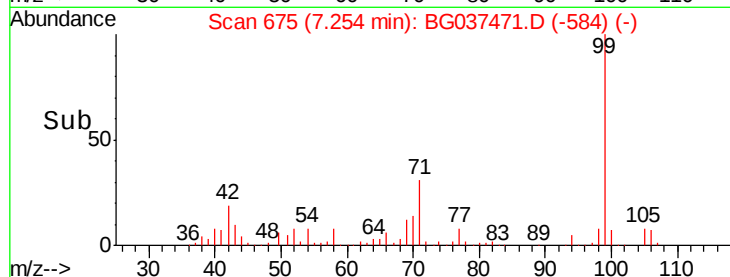
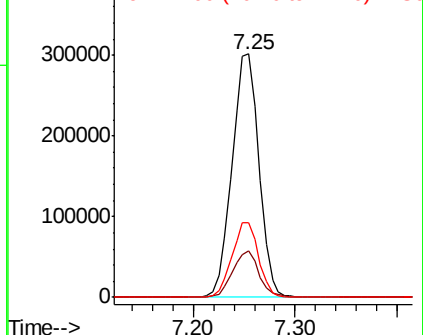
99 100

42 19.2 15.0 22.4

71 30.7 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: 46.683 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

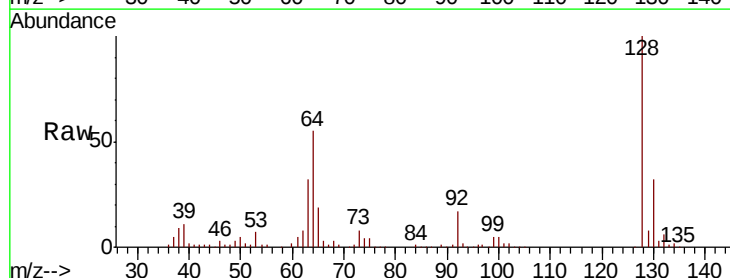
Tgt Ion: 128 Resp: 197454

Ion Ratio Lower Upper

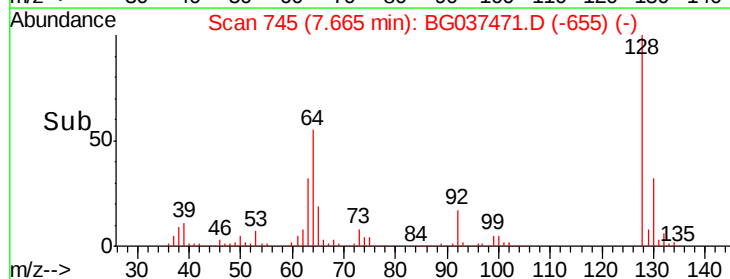
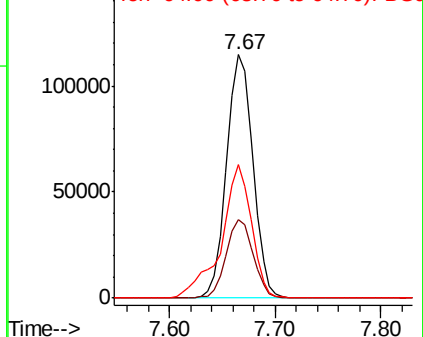
128 100

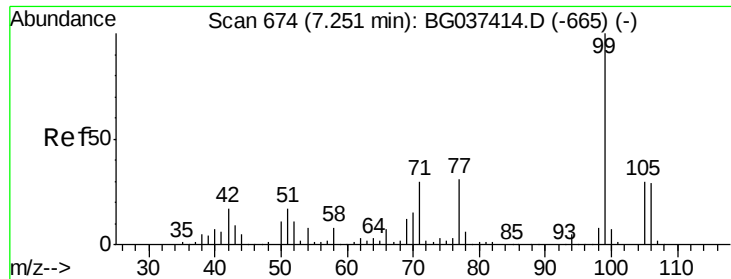
130 32.4 12.0 52.0

64 54.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 15.147 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

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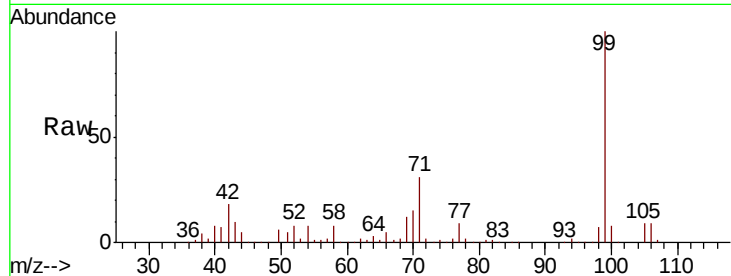
Tgt Ion: 77 Resp: 51802

Ion Ratio Lower Upper

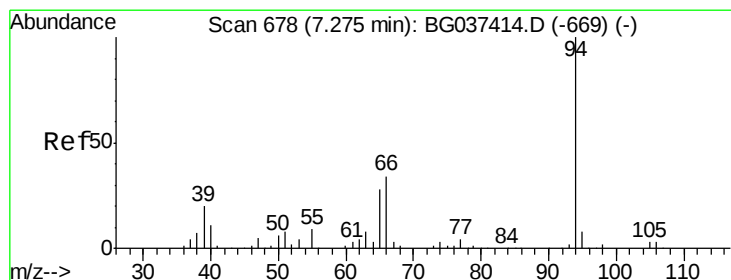
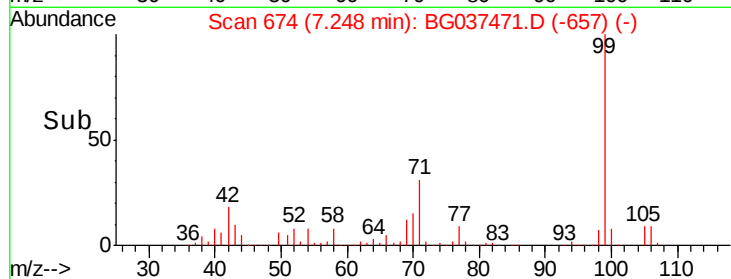
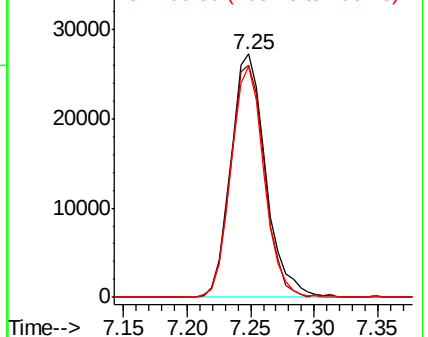
77 100

105 95.2 72.6 112.6

106 94.6 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: 47.145 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

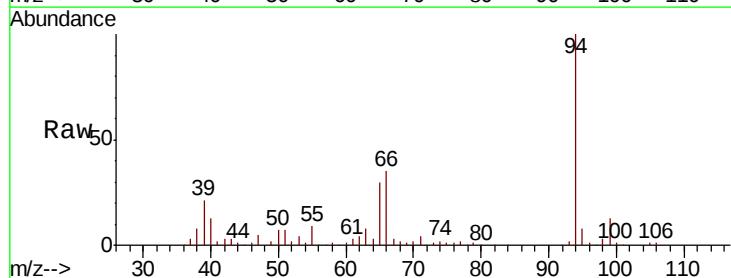
Tgt Ion: 94 Resp: 271953

Ion Ratio Lower Upper

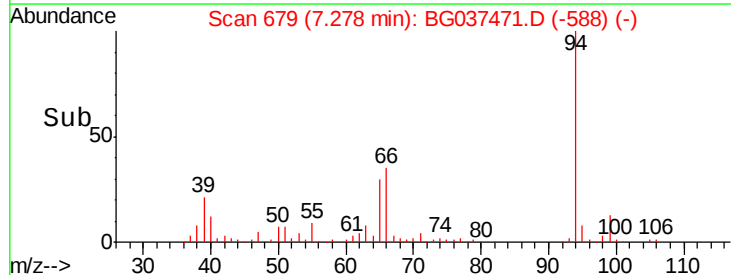
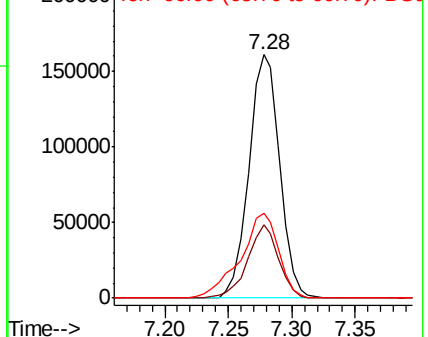
94 100

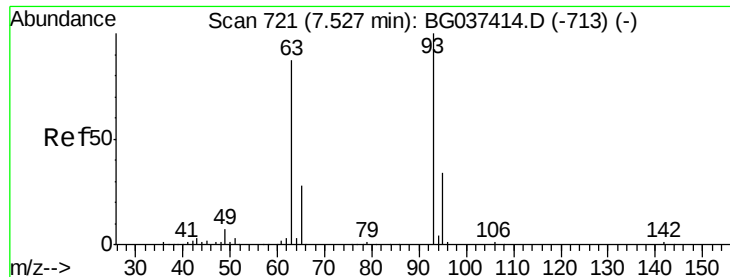
65 30.4 9.7 49.7

66 34.8 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

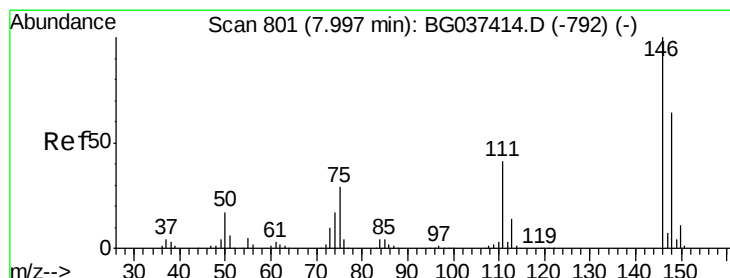
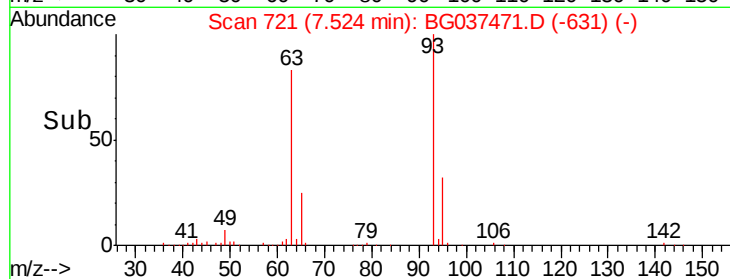
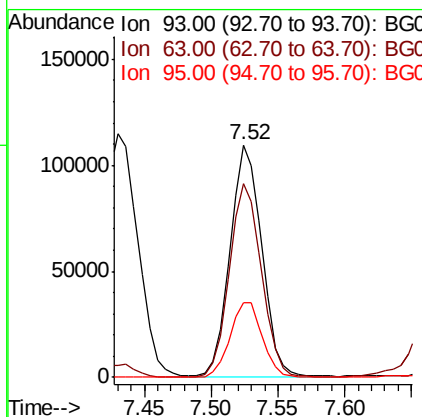
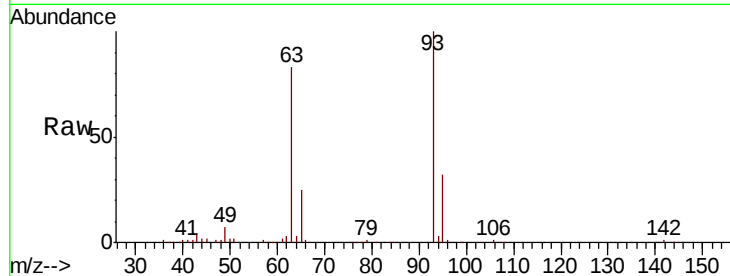




#11
bis(2-Chloroethyl)ether
Concen: 41.682 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

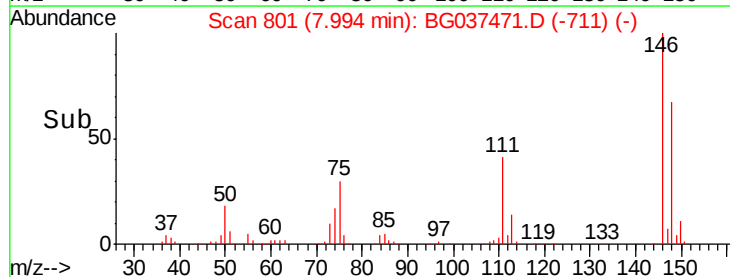
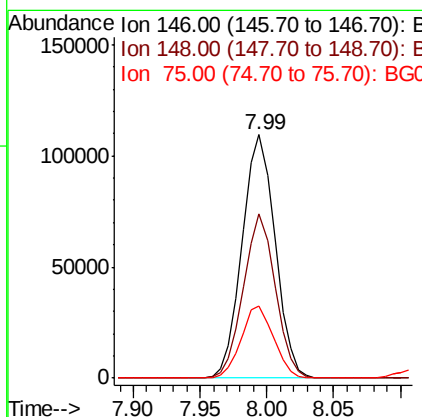
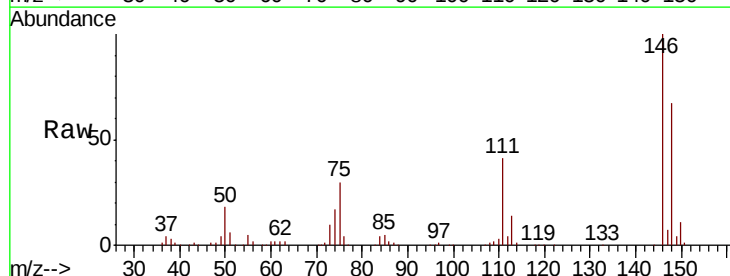
Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion: 93 Resp: 182616
Ion Ratio Lower Upper
93 100
63 83.3 69.5 109.5
95 32.3 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.756 ng
RT: 7.99 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion: 146 Resp: 187201
Ion Ratio Lower Upper
146 100
148 67.3 49.8 74.8
75 29.7 23.2 34.8

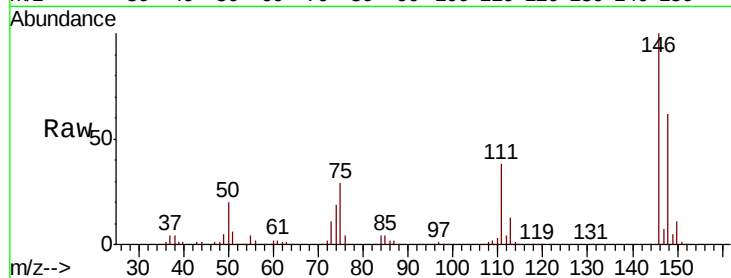




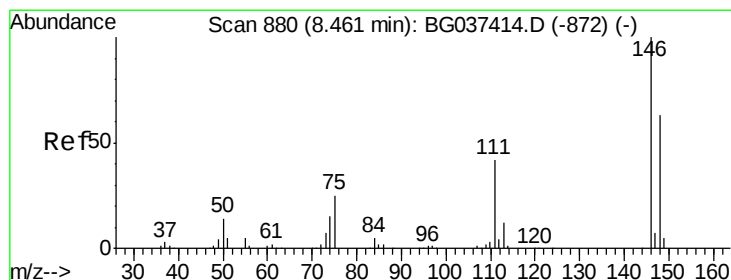
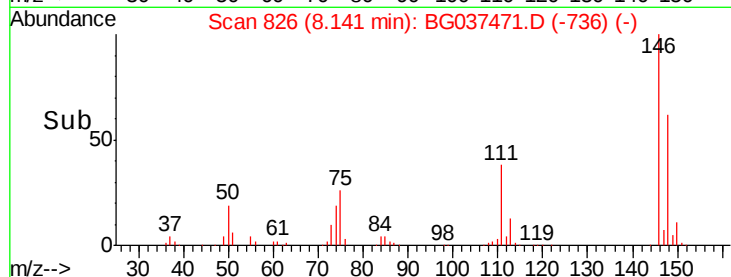
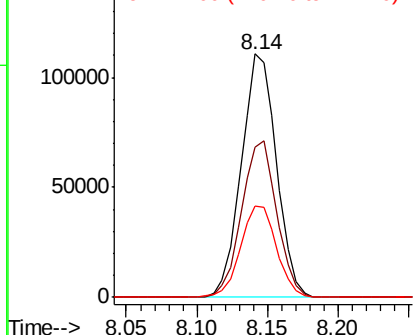
#13
 1,4-Dichlorobenzene
 Concen: 39.940 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion:146 Resp: 192378
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.0 76.6
 111 37.7 32.4 48.6

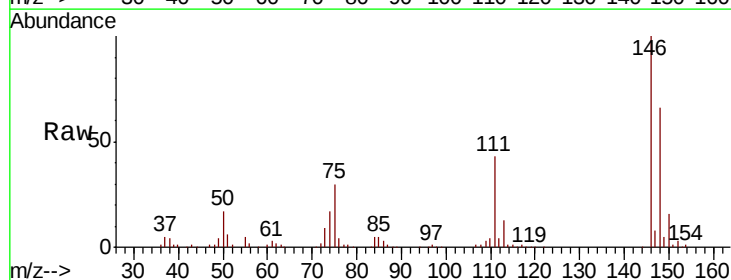


Abundance Ion 146.00 (145.70 to 146.70): E
 150000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

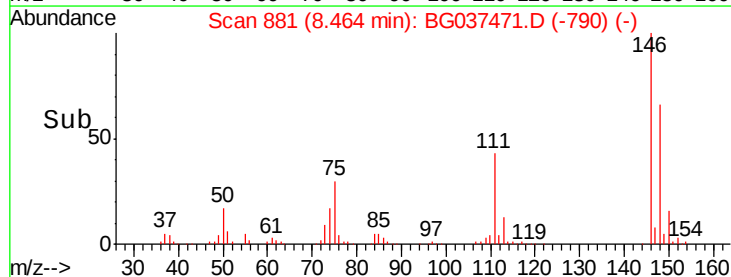
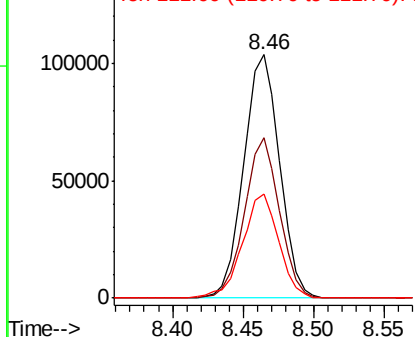


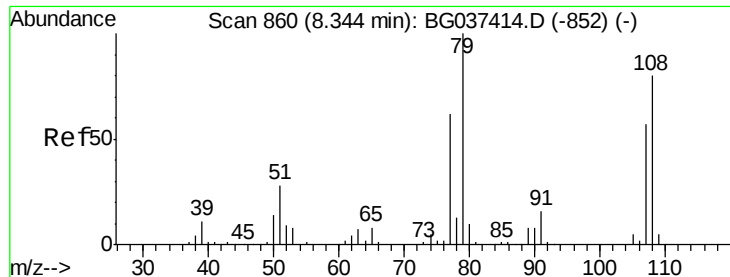
#14
 1,2-Dichlorobenzene
 Concen: 39.809 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:146 Resp: 184446
 Ion Ratio Lower Upper
 146 100
 148 65.8 50.4 75.6
 111 43.0 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 100000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.017 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

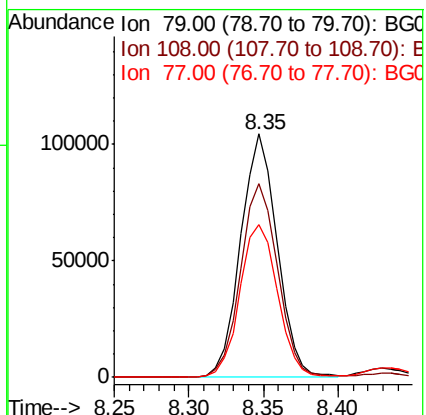
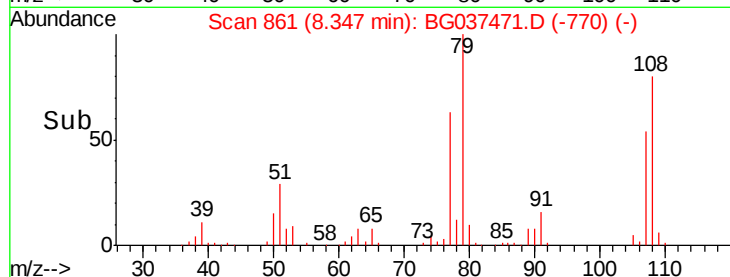
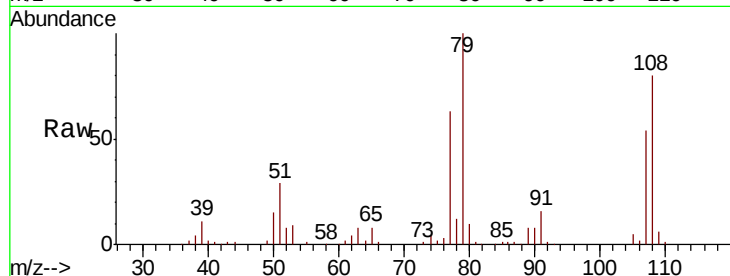
Tgt Ion: 79 Resp: 177816

Ion Ratio Lower Upper

79 100

108 79.5 65.8 98.8

77 62.5 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.633 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

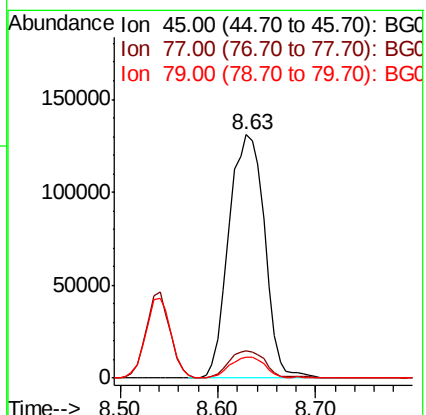
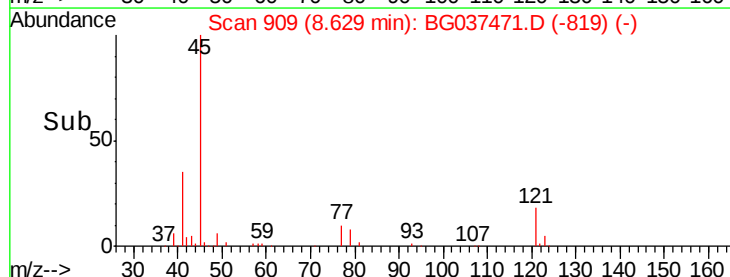
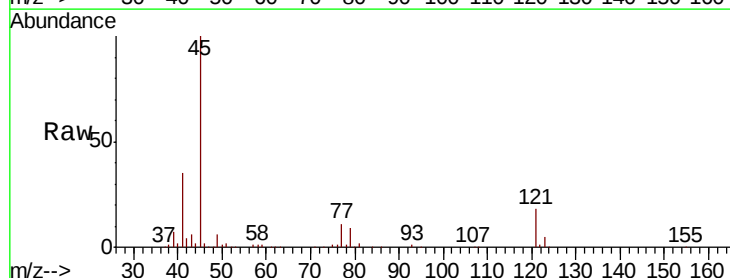
Tgt Ion: 45 Resp: 334209

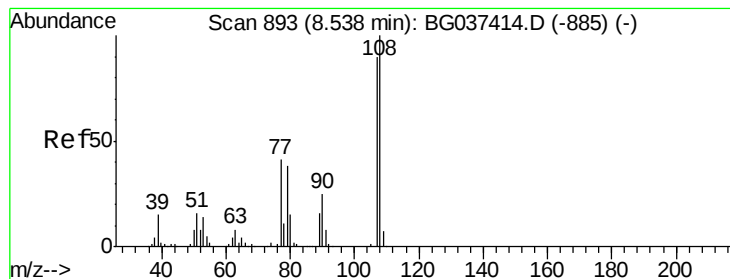
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.0

79 8.5 0.0 29.0





#17

2-Methylphenol

Concen: 47.037 ng

RT: 8.53 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

Tgt Ion:107 Resp: 179381

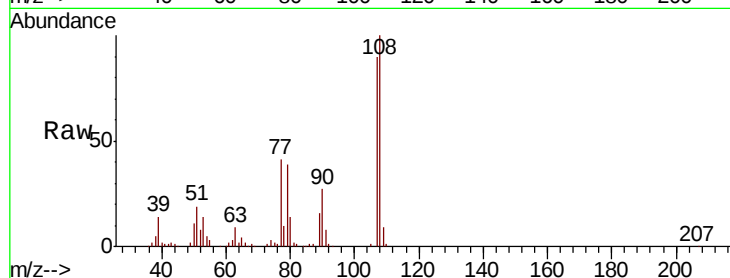
Ion Ratio Lower Upper

107 100

108 110.7 87.9 131.9

77 45.2 35.1 52.7

79 43.1 34.5 51.7

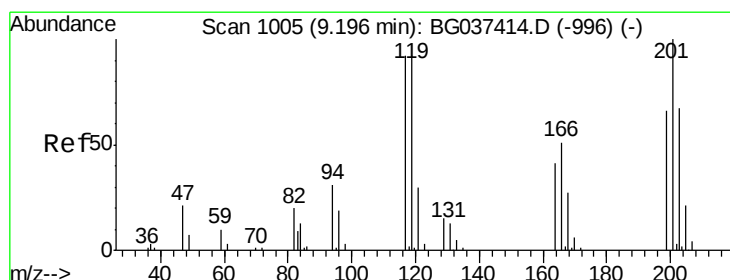
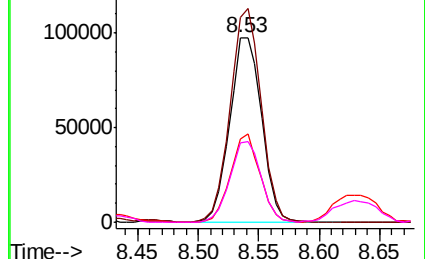
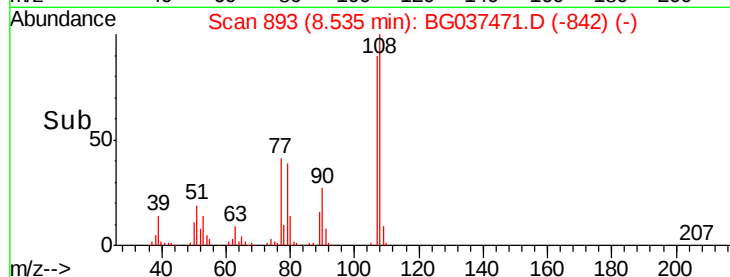


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.635 ng

RT: 9.19 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

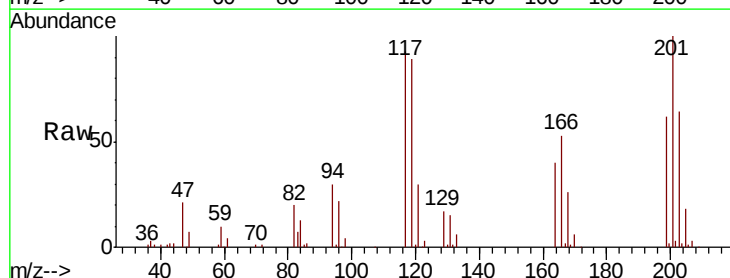
Tgt Ion:117 Resp: 68368

Ion Ratio Lower Upper

117 100

119 96.2 74.6 111.8

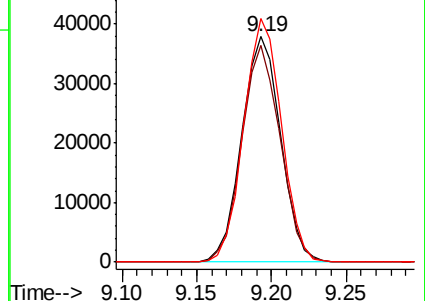
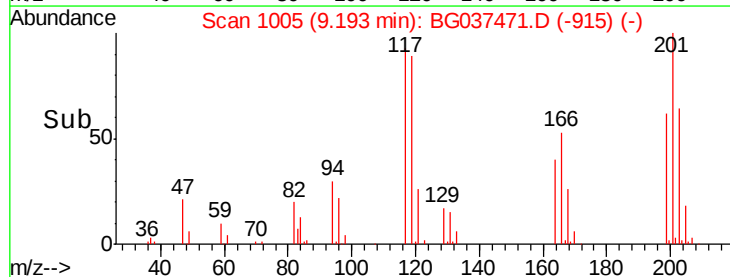
201 111.5 80.8 121.2

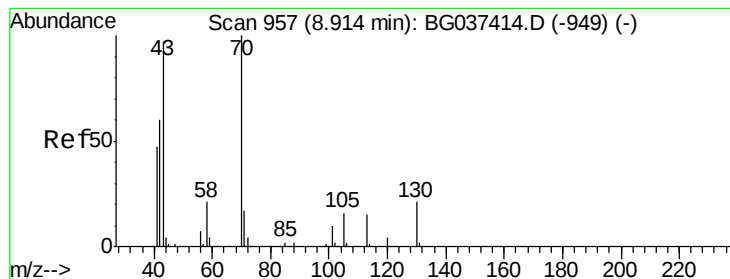


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.882 ng

RT: 8.92 min Scan# 958

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

Tgt Ion: 70 Resp: 150148

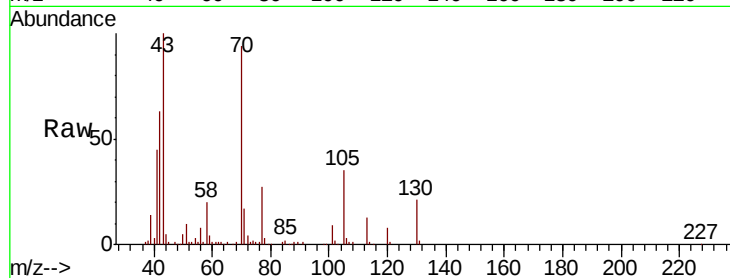
Ion Ratio Lower Upper

70 100

42 66.7 53.9 80.9

101 9.7 8.2 12.2

130 22.9 18.2 27.4



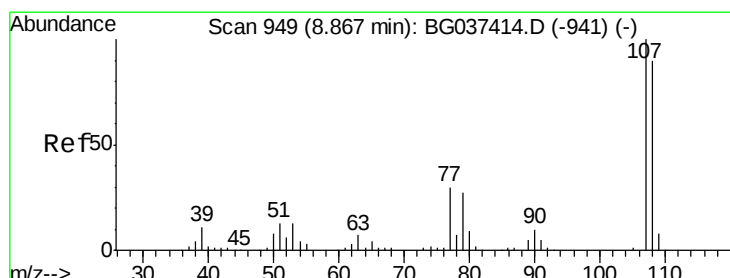
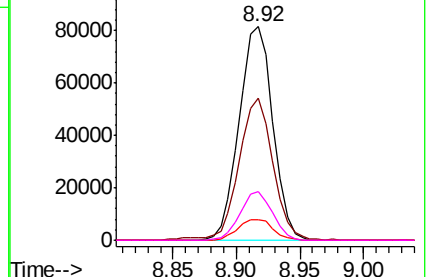
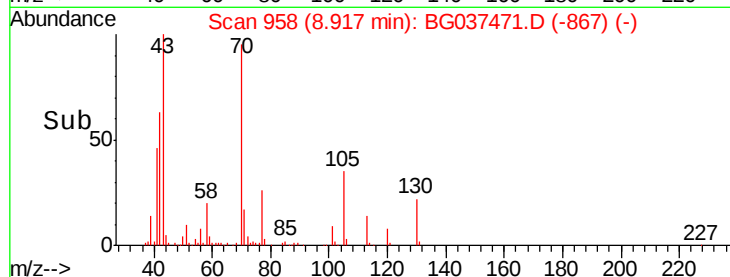
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



#20

3+4-Methylphenols

Concen: 45.817 ng

RT: 8.87 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion: 107 Resp: 249818

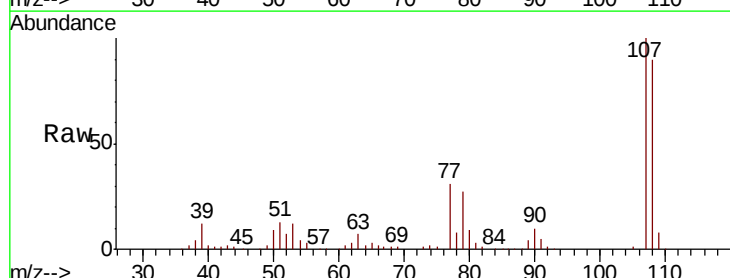
Ion Ratio Lower Upper

107 100

108 90.0 69.9 109.9

77 31.4 11.2 51.2

79 26.9 6.6 46.6



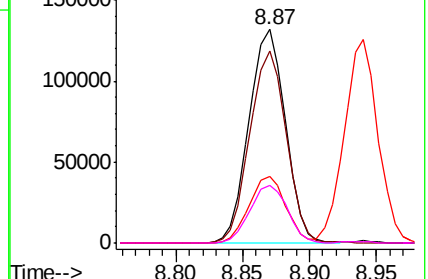
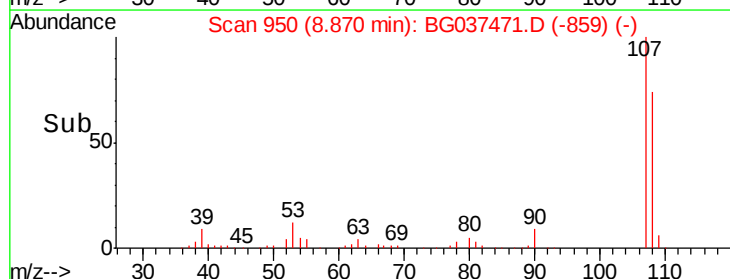
Abundance Ion 107.00 (106.70 to 107.70): BGC

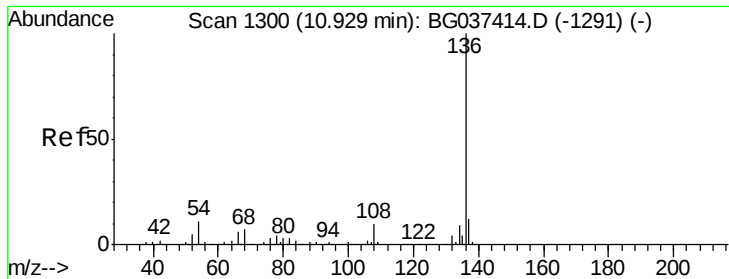
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->

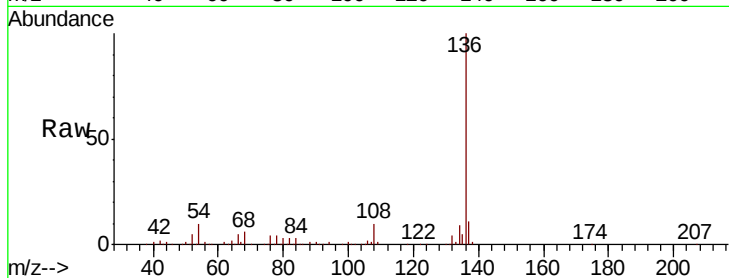




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion:	136	Resp:	264637
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.1	7.9	11.9
68	6.1	4.8	7.2



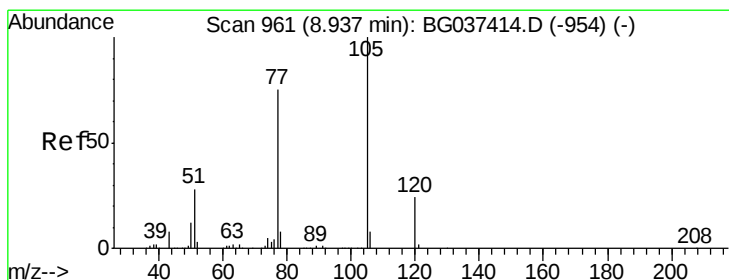
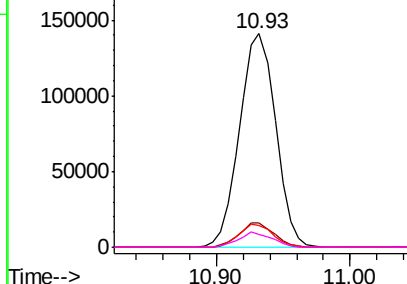
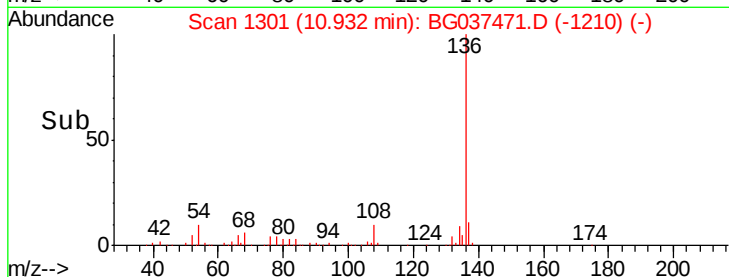
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

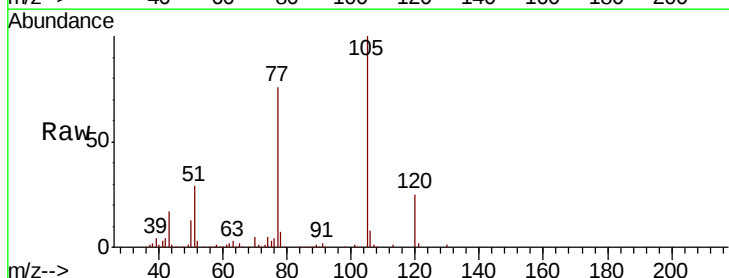
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 43.497 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion:	105	Resp:	288686
Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.2	1.8#
51	29.2	25.0	37.6
120	25.0	18.6	28.0



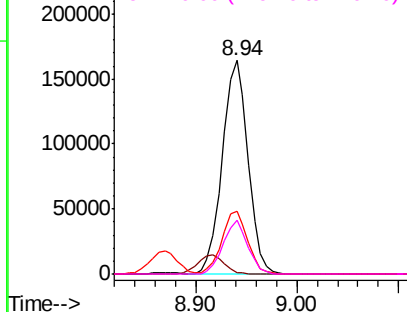
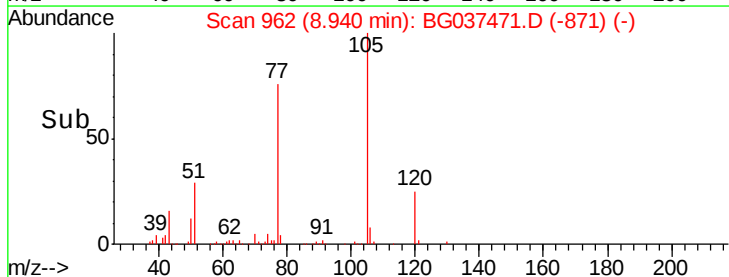
Abundance

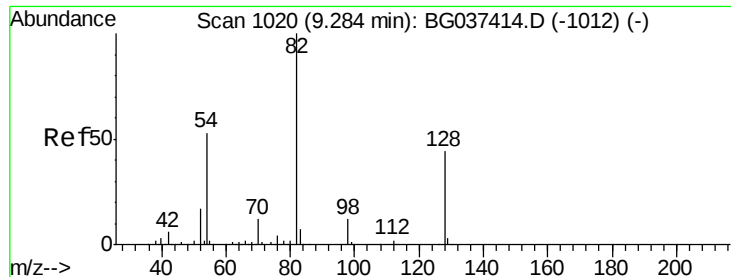
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

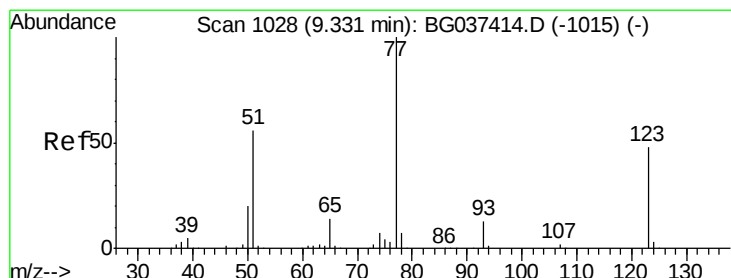
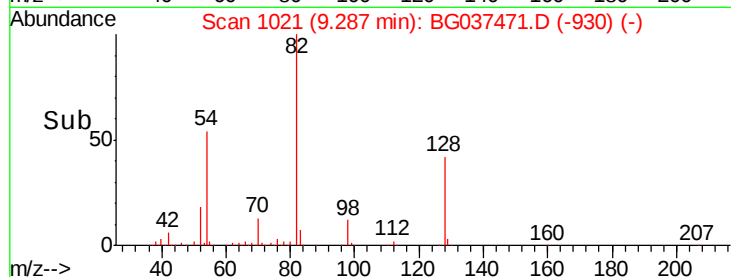
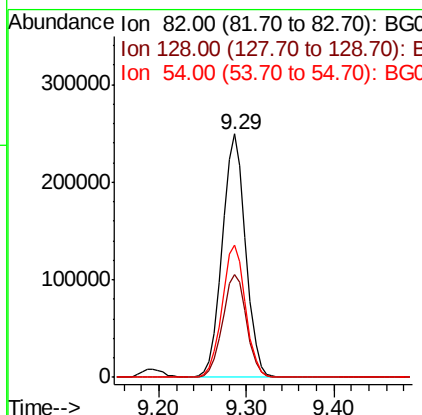
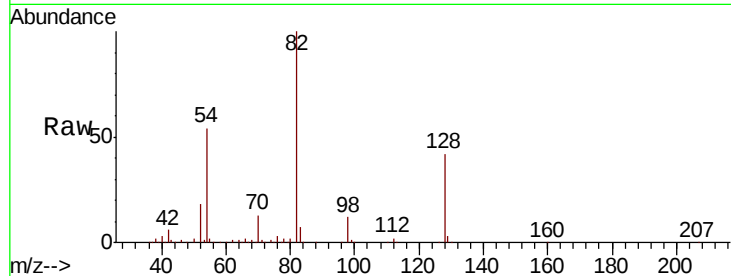




#23
 Nitrobenzene-d5
 Concen: 96.669 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

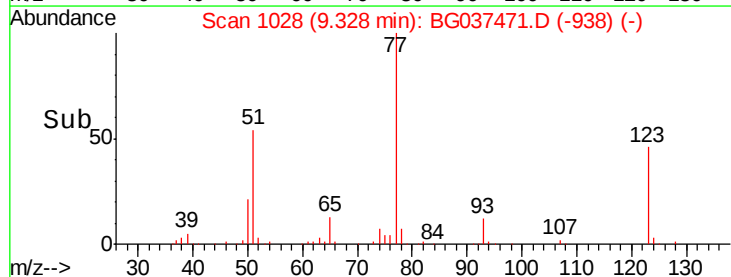
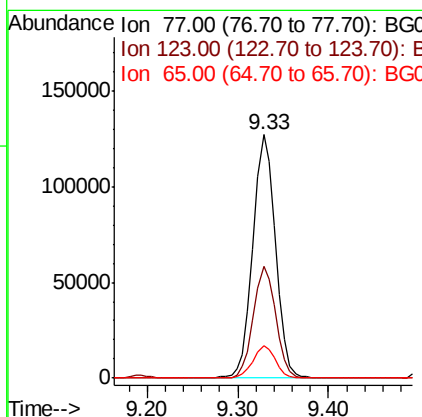
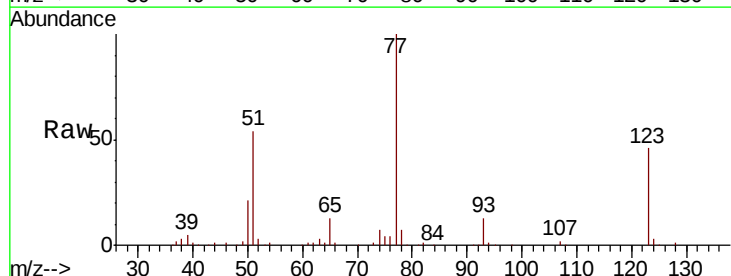
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

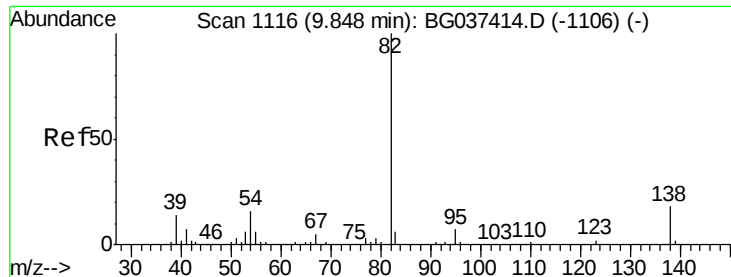
Tgt Ion: 82 Resp: 456671
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 54.3 45.3 67.9



#24
 Nitrobenzene
 Concen: 44.888 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion: 77 Resp: 220291
 Ion Ratio Lower Upper
 77 100
 123 46.1 33.6 50.4
 65 13.4 11.3 16.9





#25

Isophorone

Concen: 49.971 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

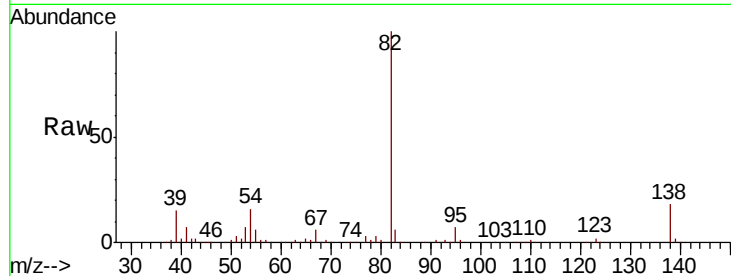
Tgt Ion: 82 Resp: 431335

Ion Ratio Lower Upper

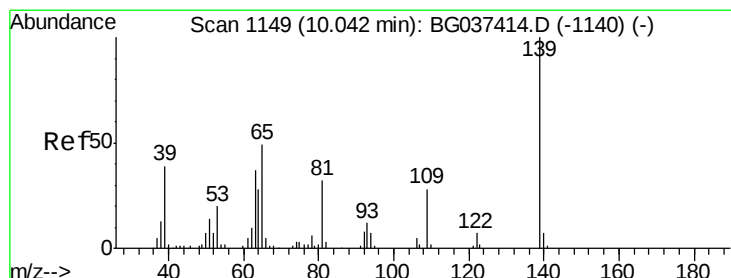
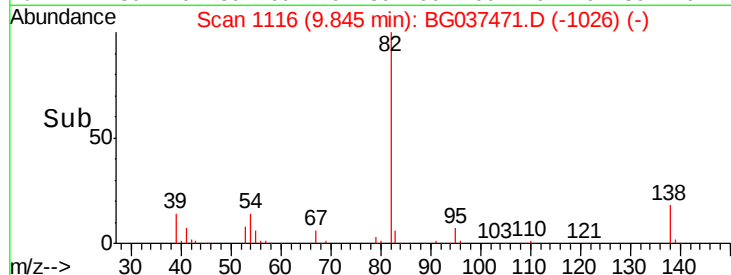
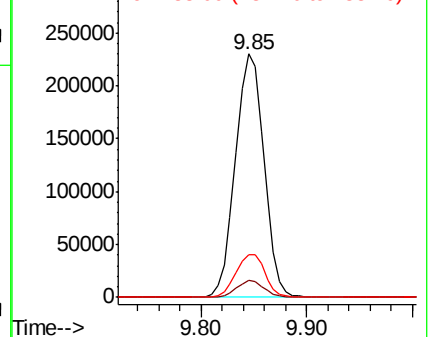
82 100

95 7.1 5.3 7.9

138 17.5 13.3 19.9



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



#26

2-Nitrophenol

Concen: 45.909 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

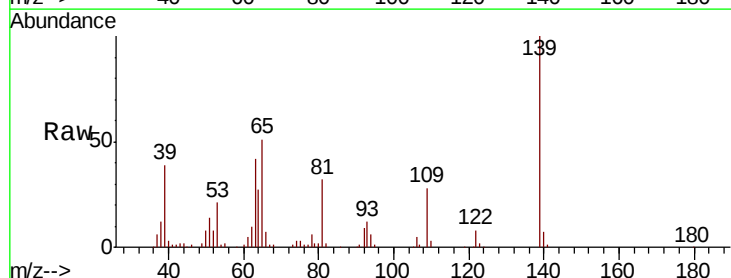
Tgt Ion: 139 Resp: 101497

Ion Ratio Lower Upper

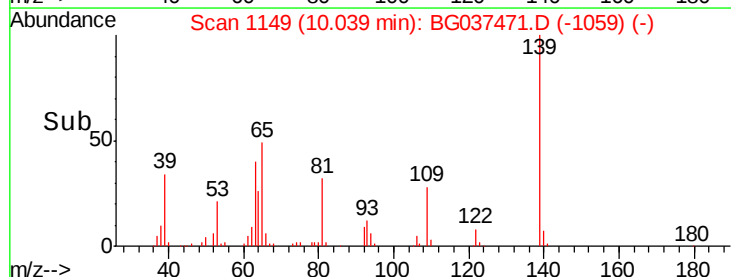
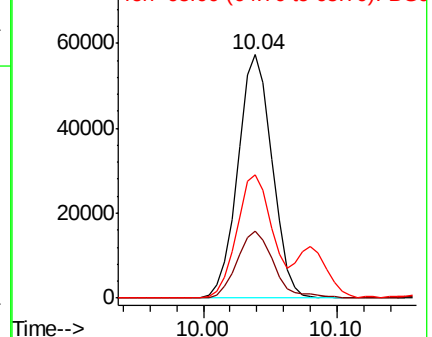
139 100

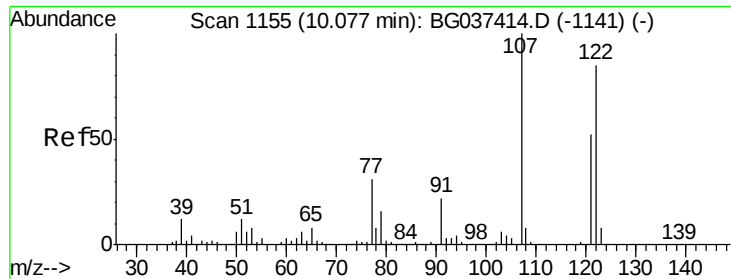
109 27.6 23.3 34.9

65 50.9 39.8 59.8



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

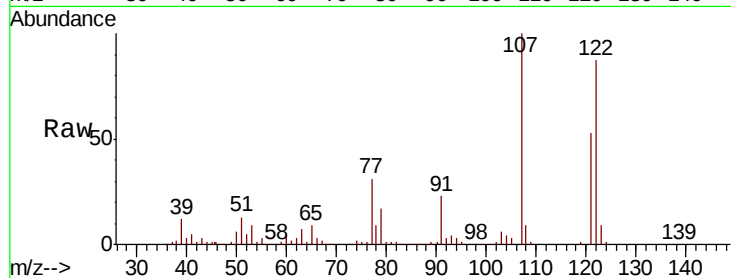




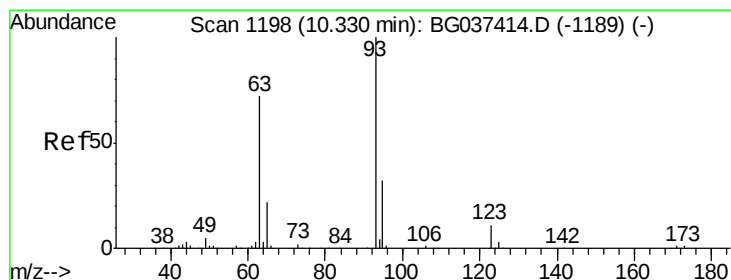
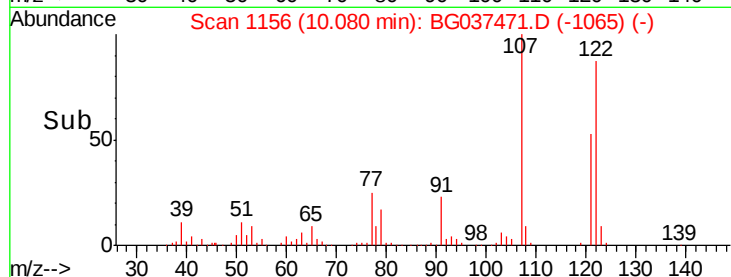
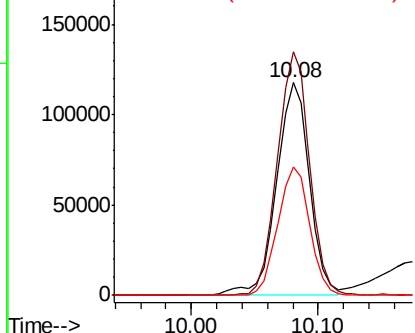
#27
2,4-Dimethylphenol
Concen: 53.961 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion:122 Resp: 213006
Ion Ratio Lower Upper
122 100
107 114.6 94.2 141.2
121 60.4 47.3 70.9

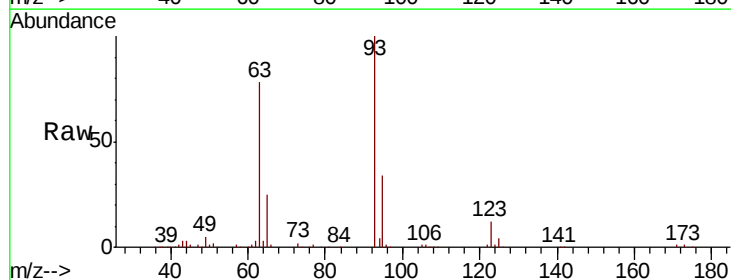


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

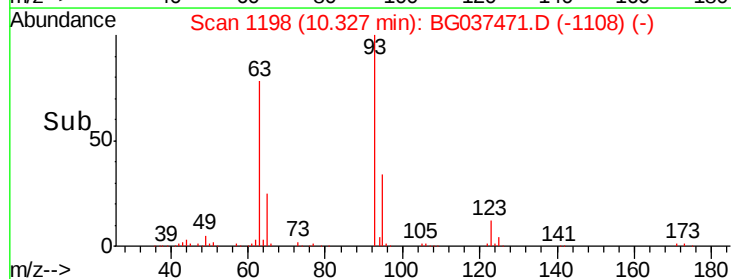
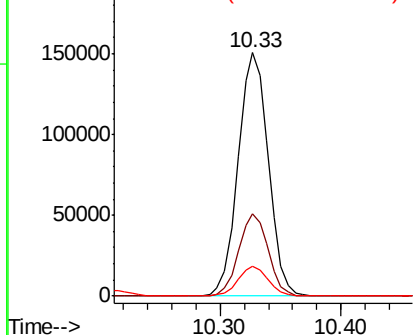


#28
bis(2-Chloroethoxy)methane
Concen: 46.529 ng
RT: 10.33 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion: 93 Resp: 263135
Ion Ratio Lower Upper
93 100
95 33.7 24.6 37.0
123 12.1 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

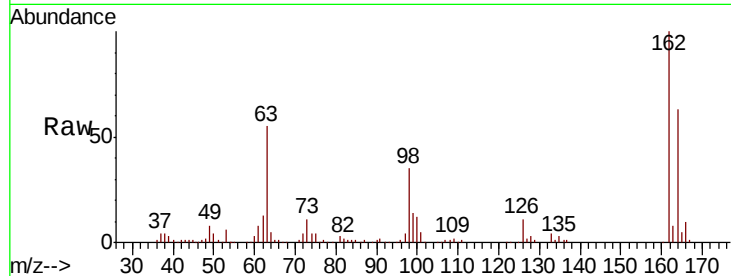




#29
2,4-Dichlorophenol
Concen: 48.017 ng
RT: 10.57 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	35.0	16.0	56.0

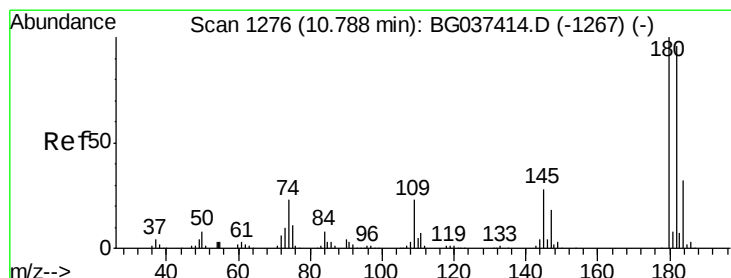
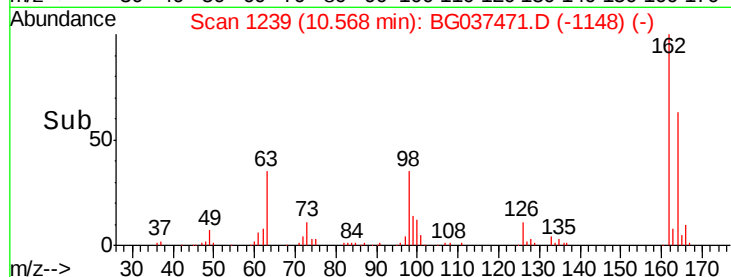
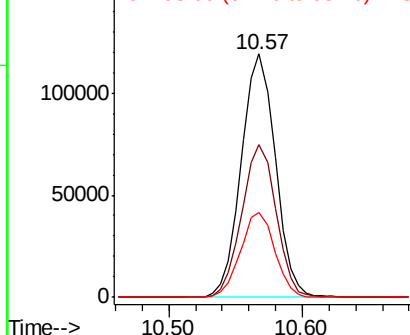


Abundance

Ion 162.00 (161.70 to 162.70): E

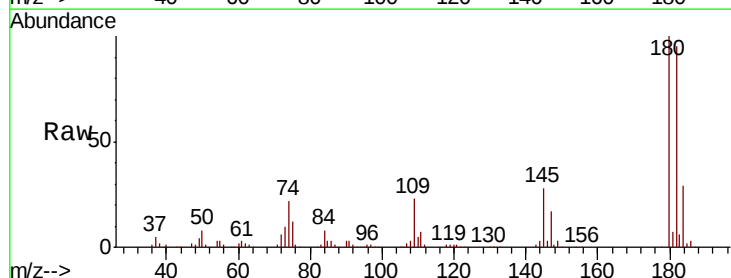
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 41.401 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.7	116.5
145	28.3	23.3	34.9

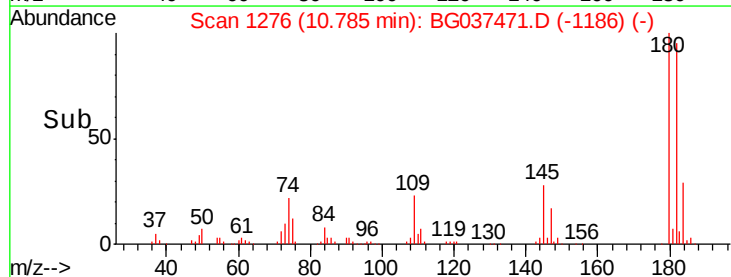
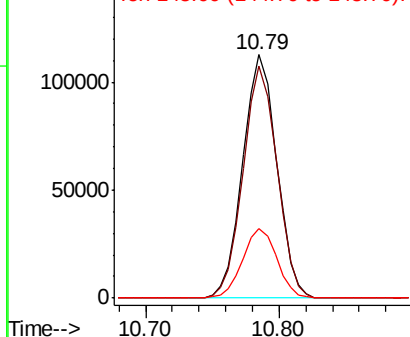


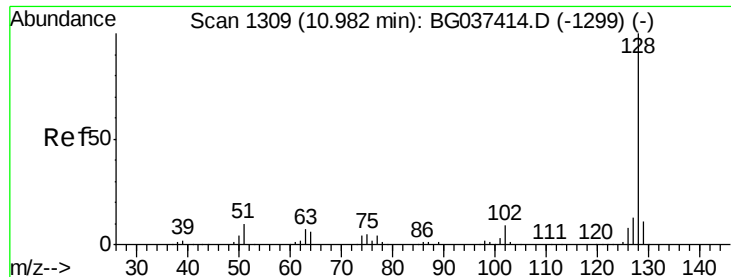
Abundance

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

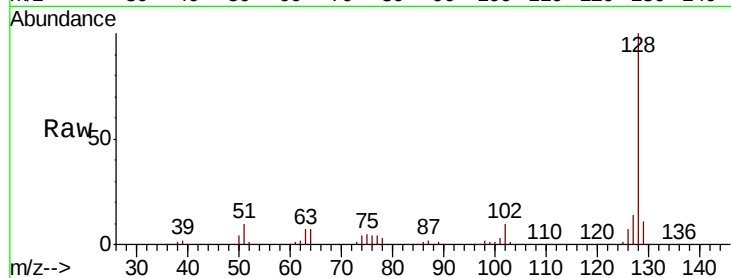




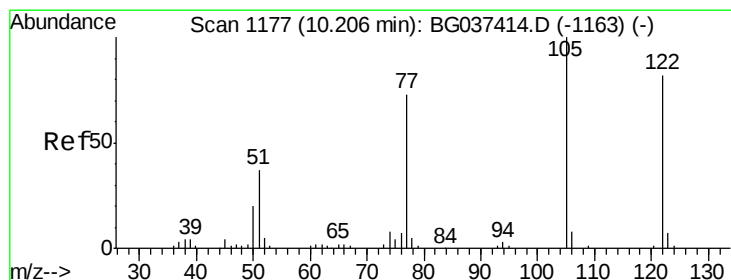
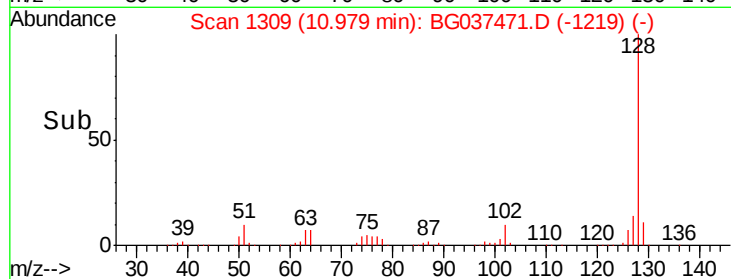
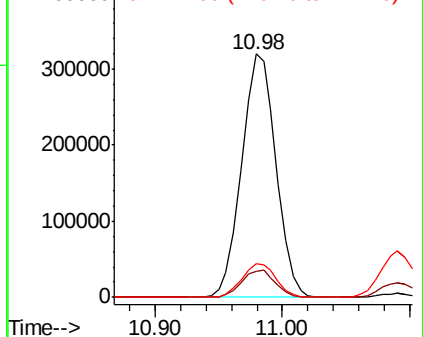
#31
Naphthalene
Concen: 46.085 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion:128 Resp: 599030
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.9 11.1 16.7

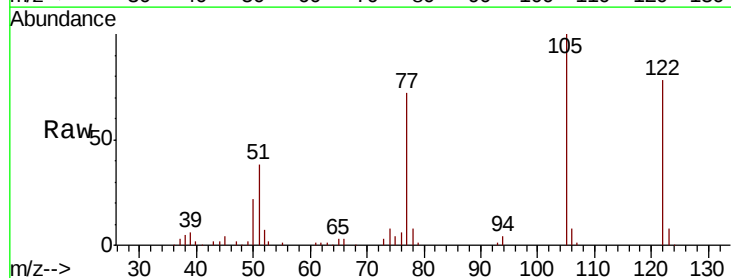


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

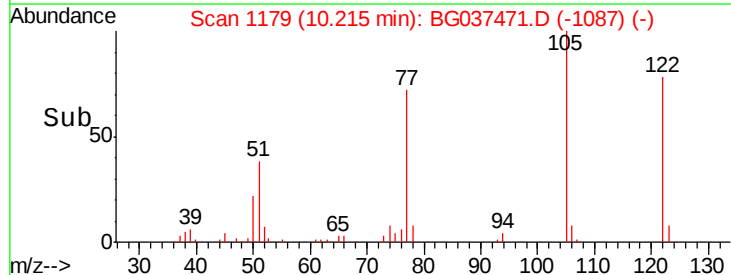
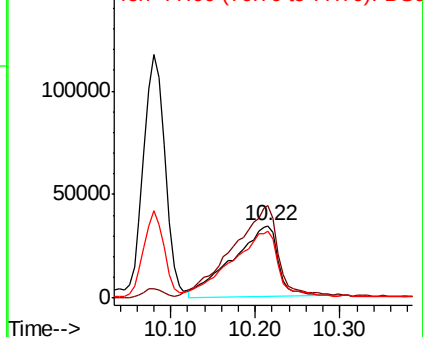


#32
Benzoic acid
Concen: 49.999 ng
RT: 10.22 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion:122 Resp: 128190
Ion Ratio Lower Upper
122 100
105 128.3 106.7 146.7
77 92.6 72.2 112.2



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

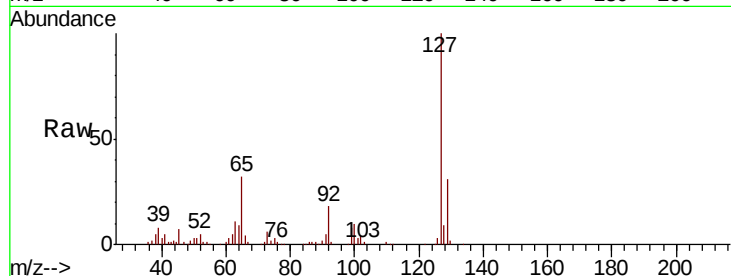




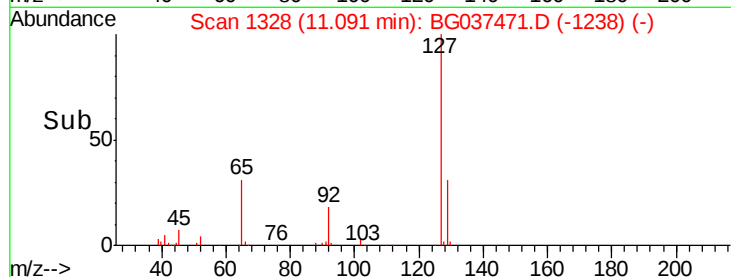
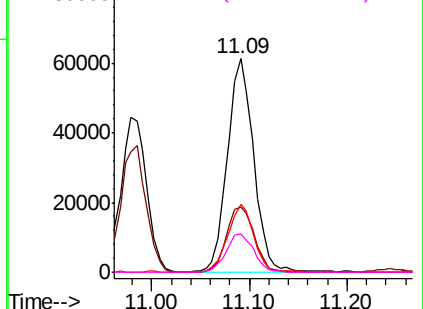
#33
4-Chloroaniline
Concen: 18.872 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion:	127	Resp:	115261
Ion	Ratio	Lower	Upper
127	100		
129	30.6	27.1	40.7
65	31.7	26.6	39.8
92	18.0	16.4	24.6

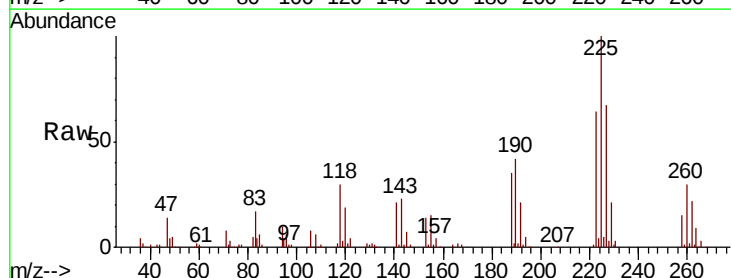


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

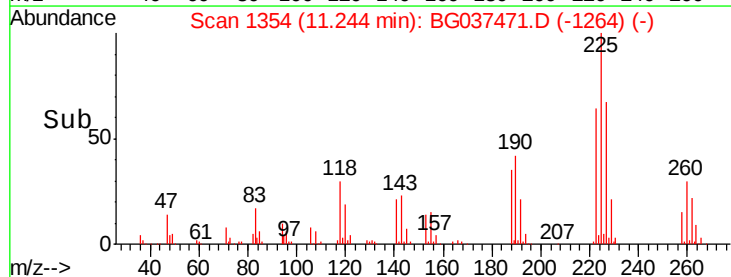
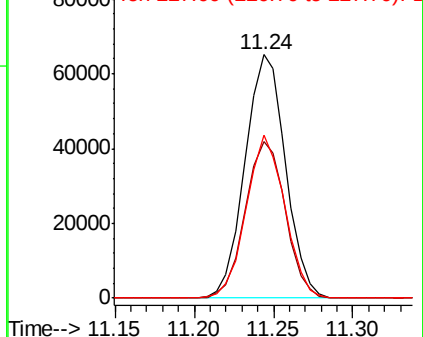


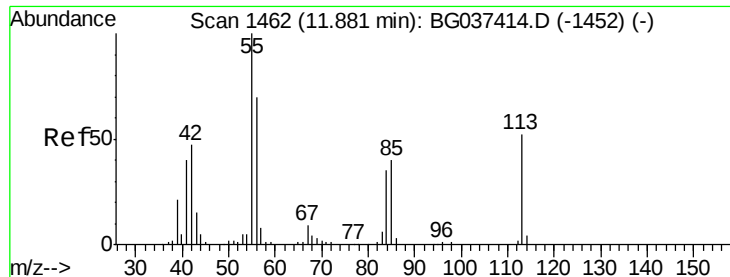
#34
Hexachlorobutadiene
Concen: 40.737 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion:	225	Resp:	115395
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.2	72.4
227	69.9	51.6	77.4



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





#35

Caprolactam

Concen: 28.099 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

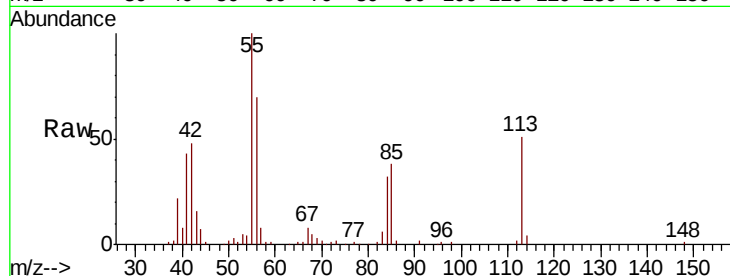
Tgt Ion:113 Resp: 49529

Ion Ratio Lower Upper

113 100

55 197.5 176.6 216.6

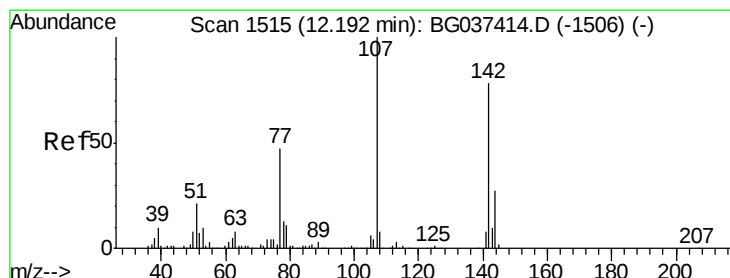
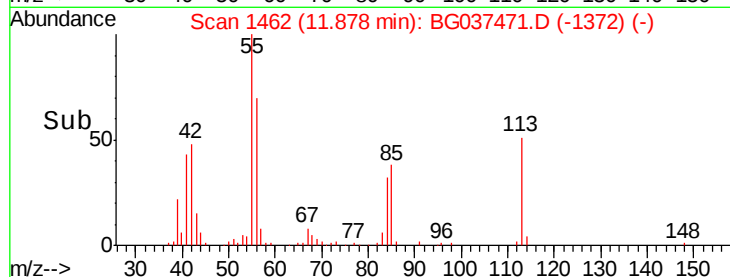
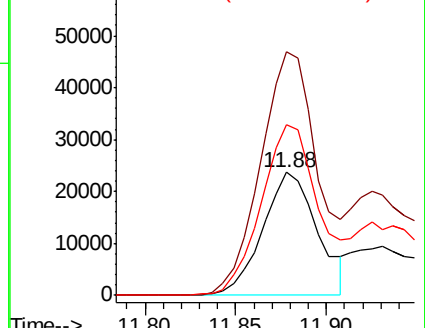
56 138.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.517 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

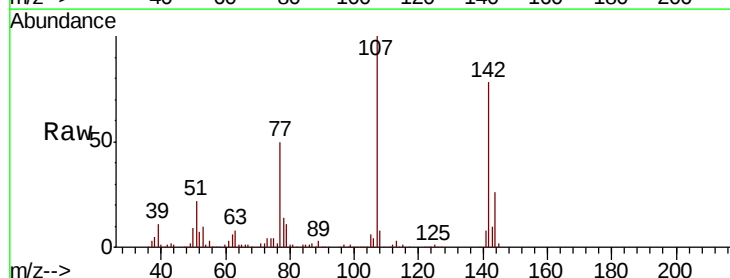
Tgt Ion:107 Resp: 235524

Ion Ratio Lower Upper

107 100

144 26.1 20.7 31.1

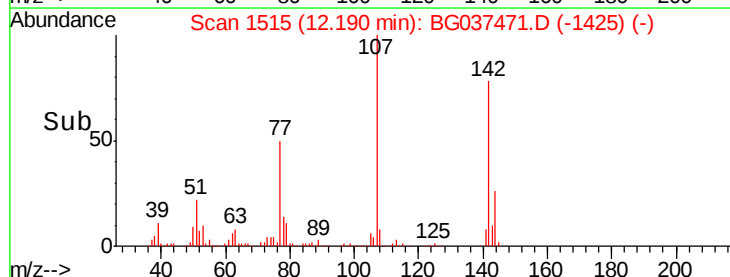
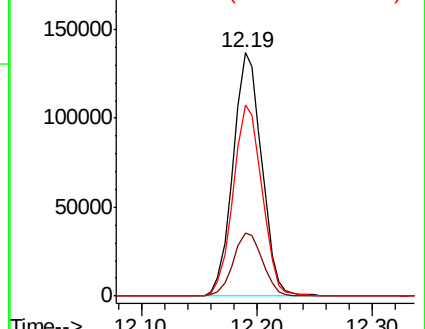
142 78.5 64.4 96.6

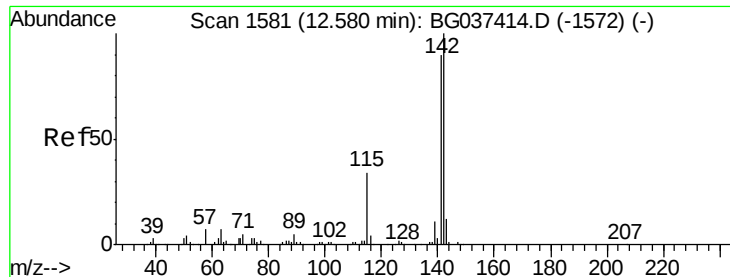


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

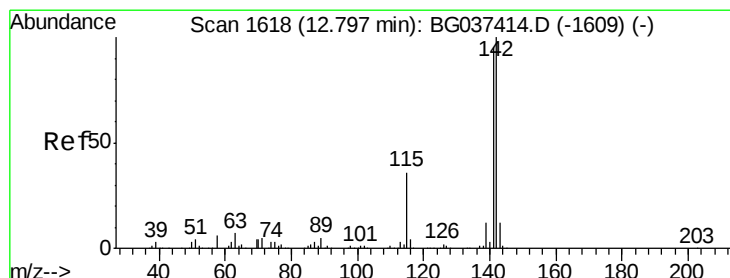
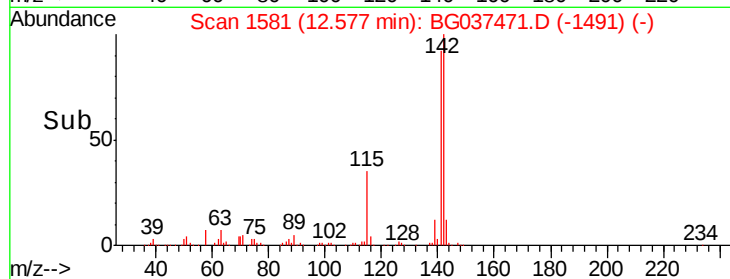
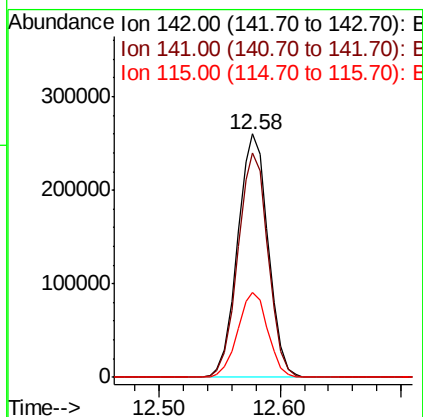
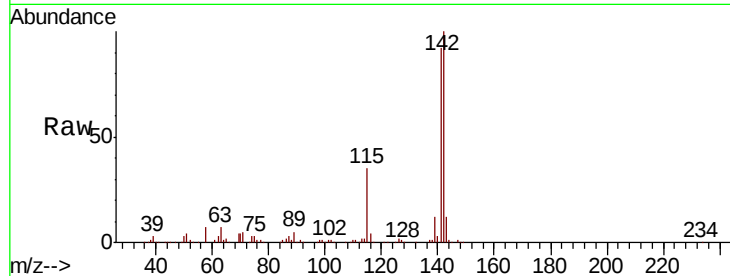




#37
 2-Methylnaphthalene
 Concen: 48.081 ng
 RT: 12.58 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

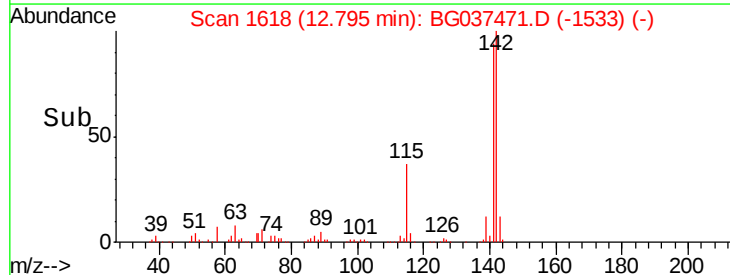
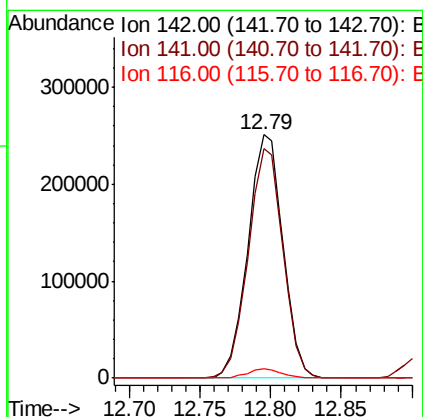
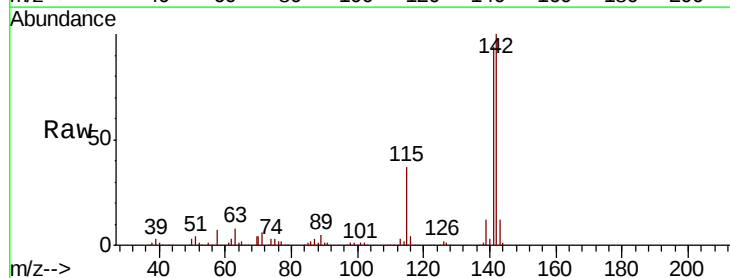
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

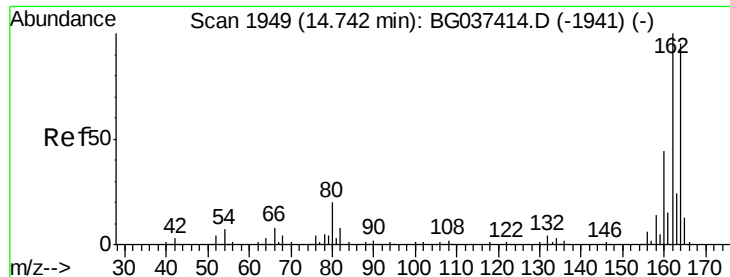
Tgt Ion:142 Resp: 455583
 Ion Ratio Lower Upper
 142 100
 141 92.4 71.9 107.9
 115 34.9 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 47.272 ng
 RT: 12.79 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:142 Resp: 434984
 Ion Ratio Lower Upper
 142 100
 141 94.2 75.2 112.8
 116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

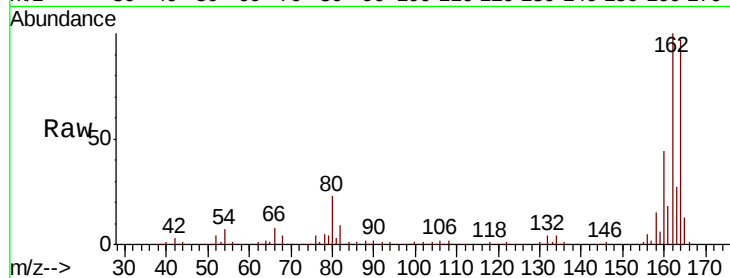
Tgt Ion:164 Resp: 170992

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 45.8 36.3 54.5

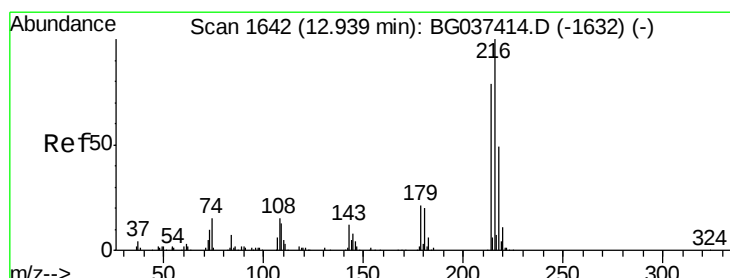
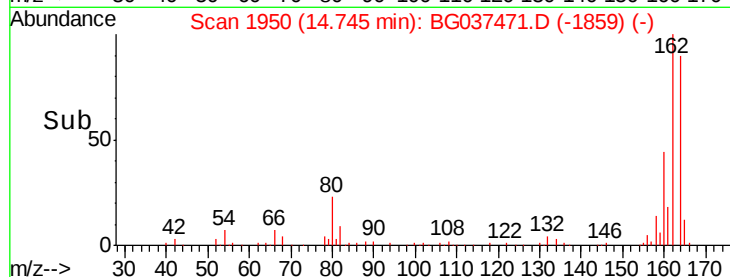
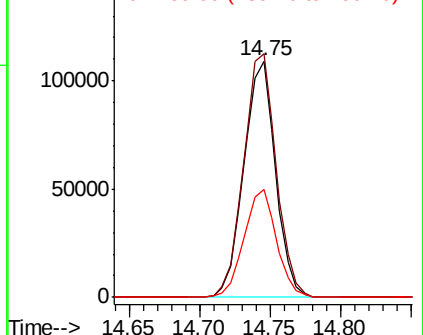


Abundance

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: 41.513 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Tgt Ion:216 Resp: 228963

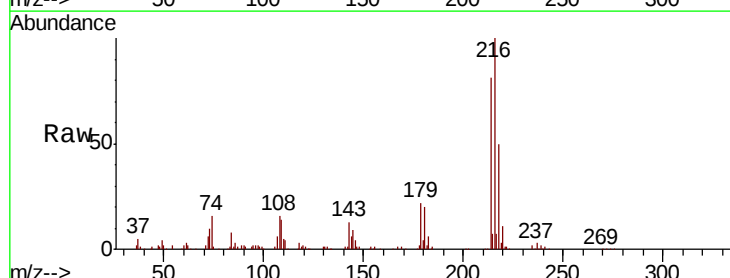
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.1 17.4 26.0

108 20.0 13.9 20.9



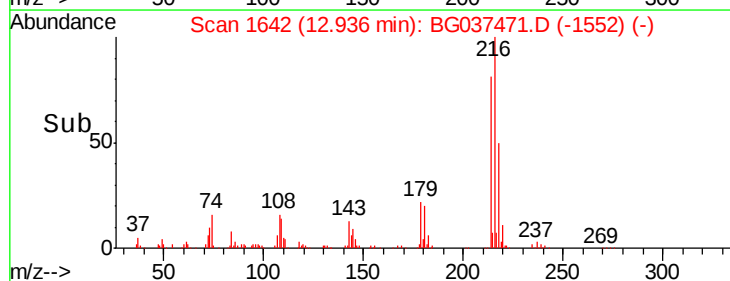
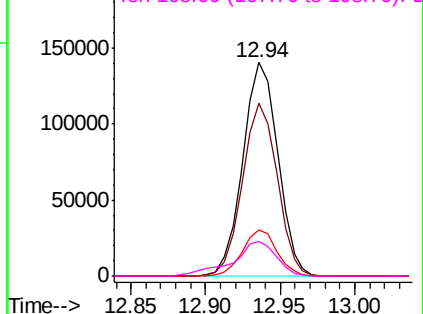
Abundance

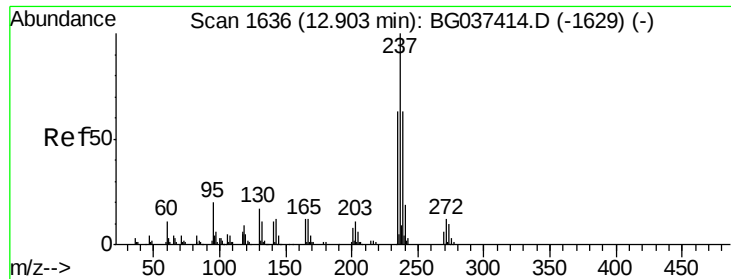
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 109.809 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

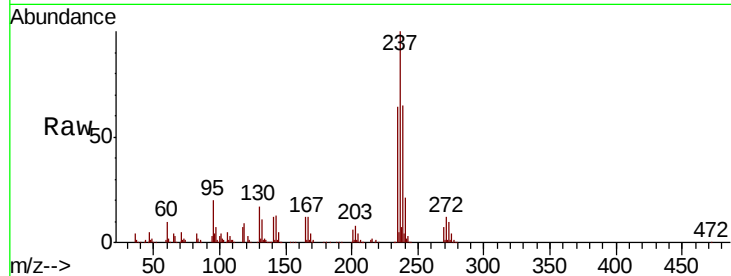
Tgt Ion: 237 Resp: 289299

Ion Ratio Lower Upper

237 100

235 63.8 42.5 82.5

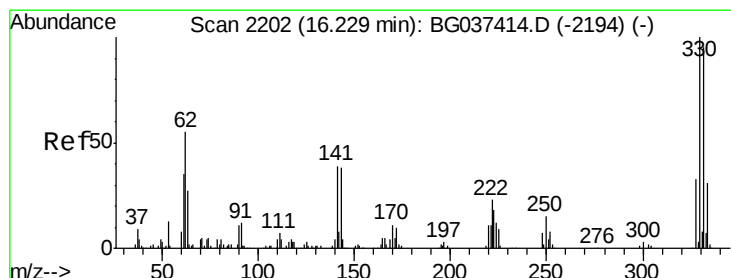
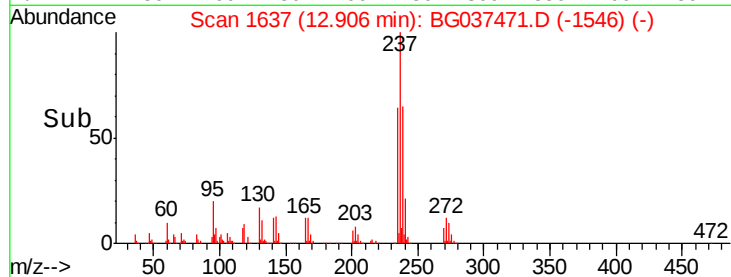
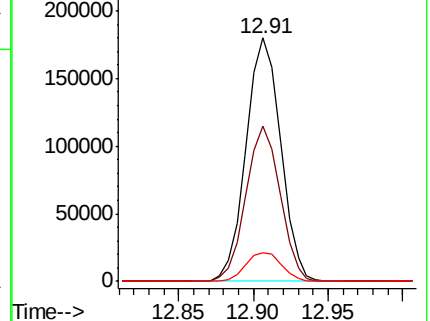
272 12.0 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 104.881 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

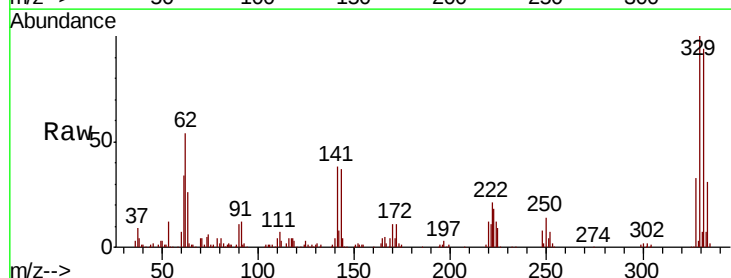
Tgt Ion: 330 Resp: 195603

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

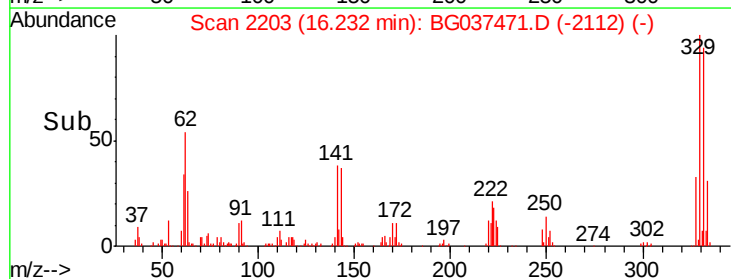
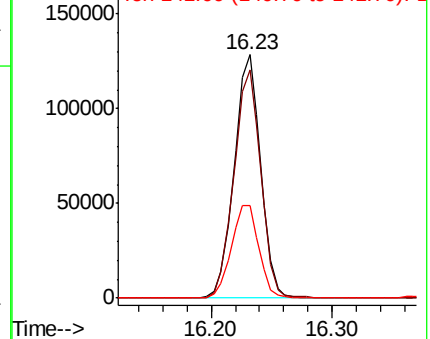
141 39.7 32.2 48.2

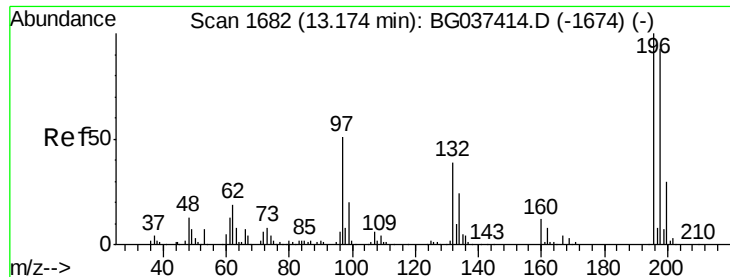


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

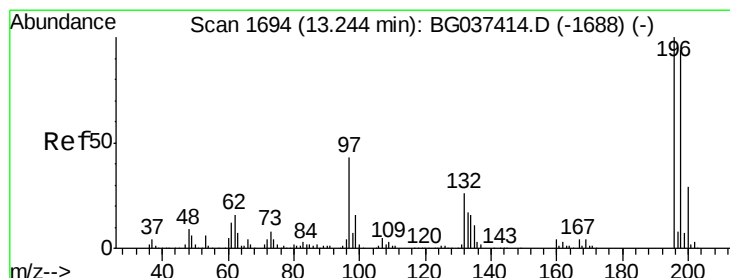
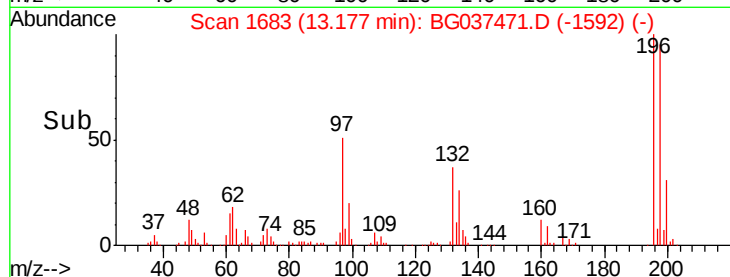
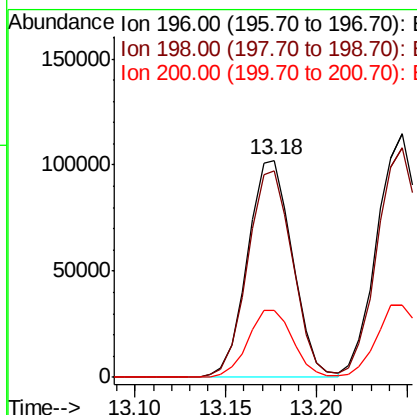
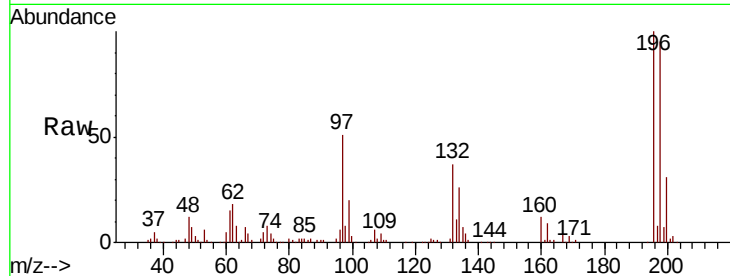




#43
 2,4,6-Trichlorophenol
 Concen: 47.749 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

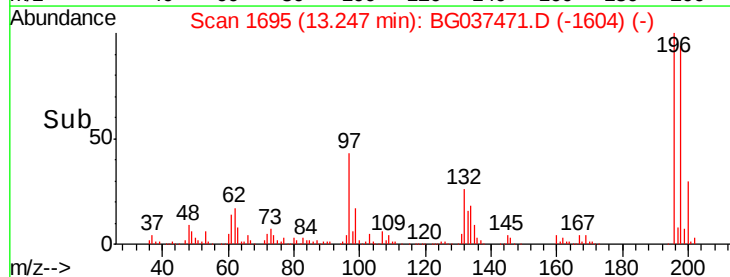
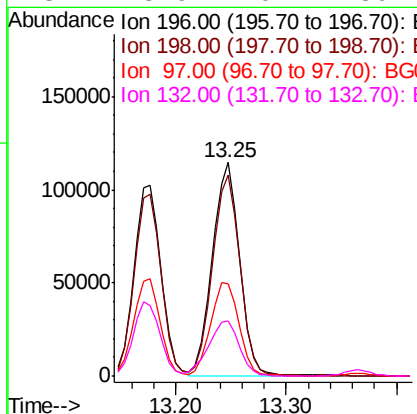
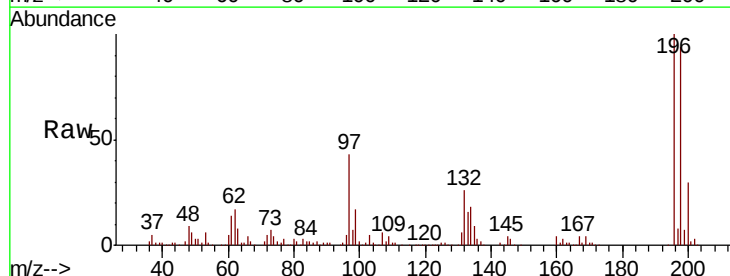
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion:196 Resp: 175942
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.4 114.6
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.457 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:196 Resp: 194404
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.2 111.2
 97 43.1 34.1 51.1
 132 25.9 20.2 30.4

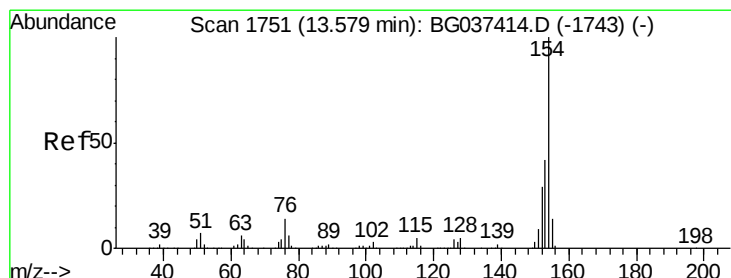
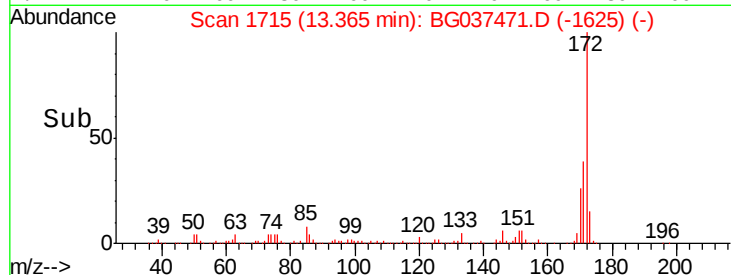
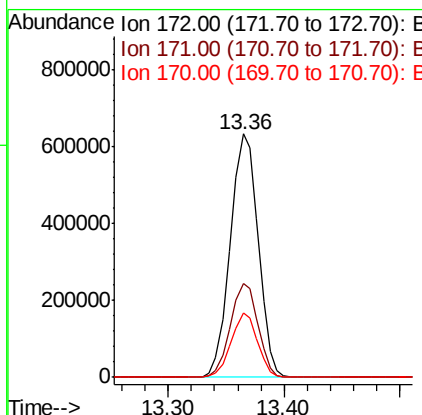
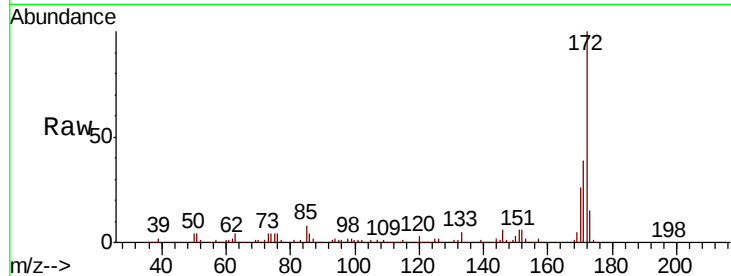




#45
 2-Fluorobiphenyl
 Concen: 92.933 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

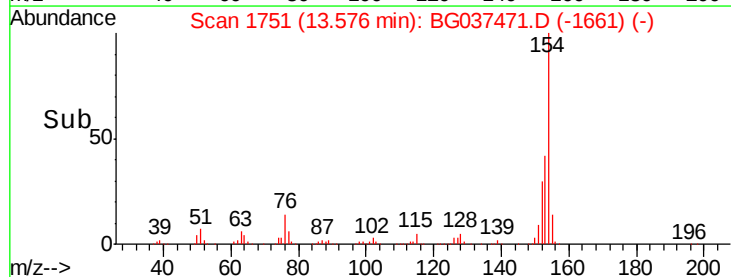
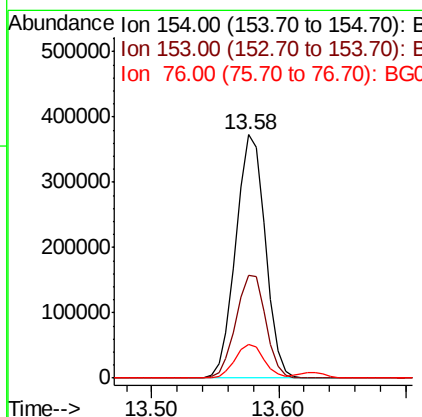
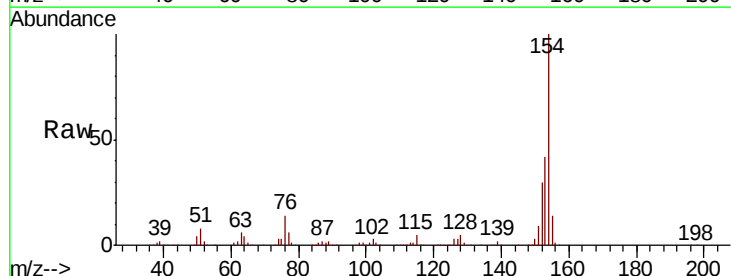
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

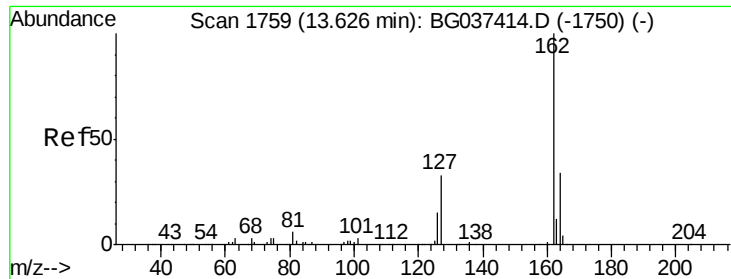
Tgt Ion:172 Resp: 1053800
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 26.4 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 42.272 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:154 Resp: 598612
 Ion Ratio Lower Upper
 154 100
 153 42.3 22.1 62.1
 76 13.8 0.0 33.2

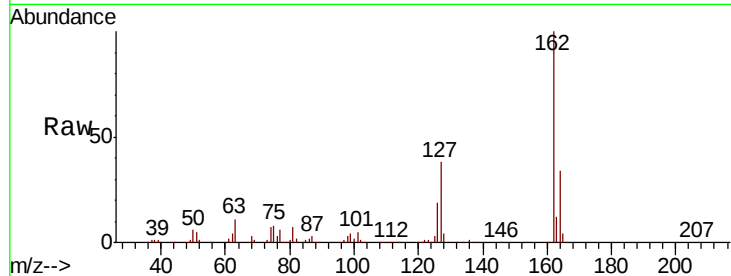




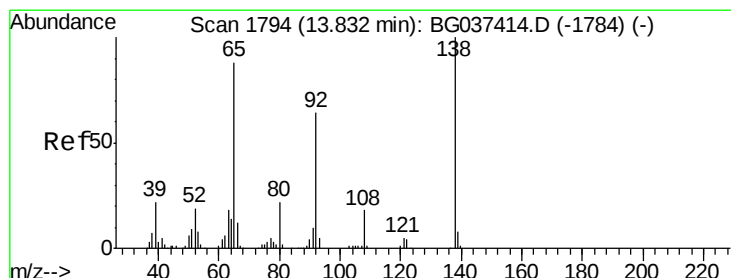
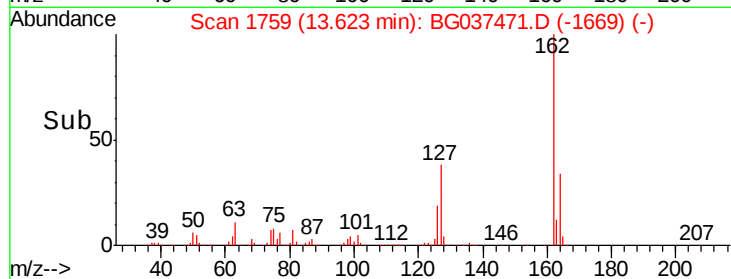
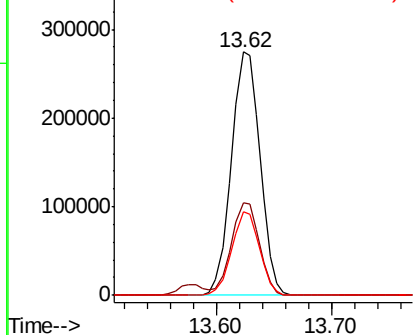
#47
 2-Chloronaphthalene
 Concen: 44.002 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion: 162 Resp: 471412
 Ion Ratio Lower Upper
 162 100
 127 38.1 30.5 45.7
 164 34.4 26.4 39.6

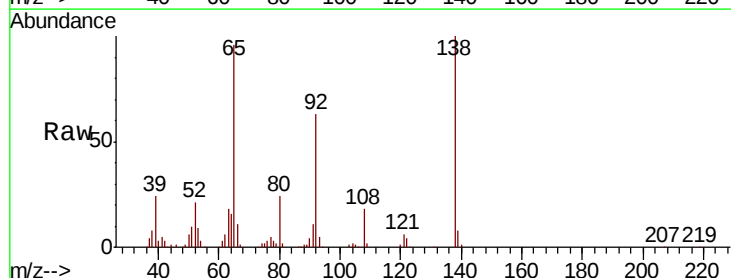


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

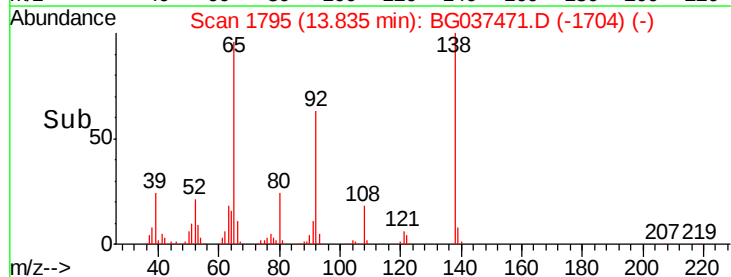
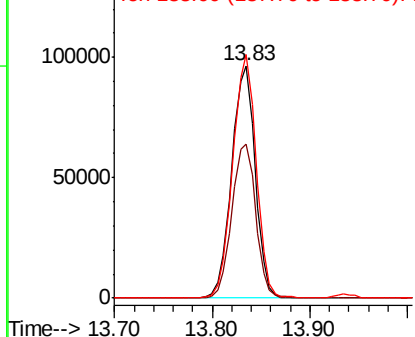


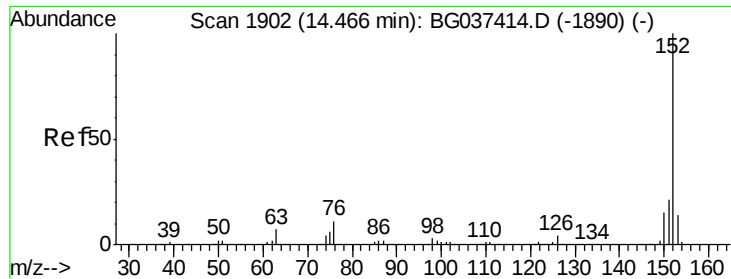
#48
 2-Nitroaniline
 Concen: 49.643 ng
 RT: 13.83 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion: 65 Resp: 161284
 Ion Ratio Lower Upper
 65 100
 92 66.3 53.2 79.8
 138 104.7 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: 49.291 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

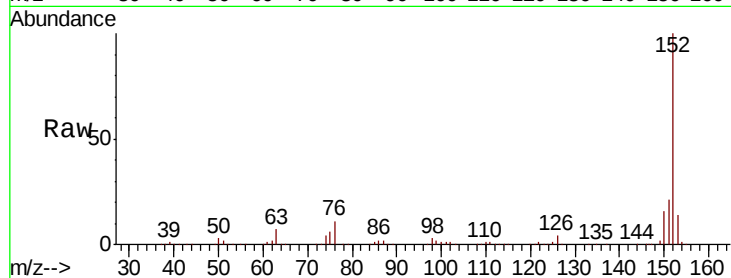
Tgt Ion:152 Resp: 794366

Ion Ratio Lower Upper

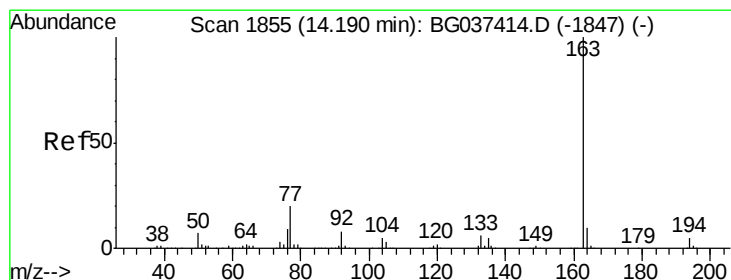
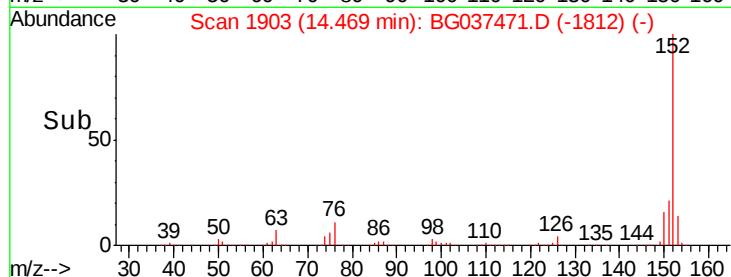
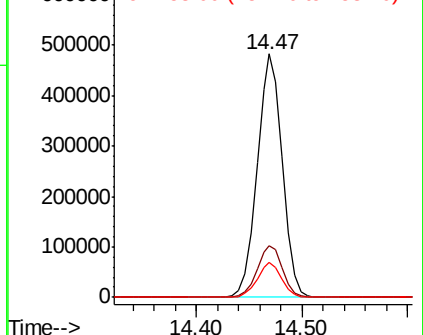
152 100

151 21.3 17.1 25.7

153 14.2 11.1 16.7



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



#50

Dimethylphthalate

Concen: 48.174 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

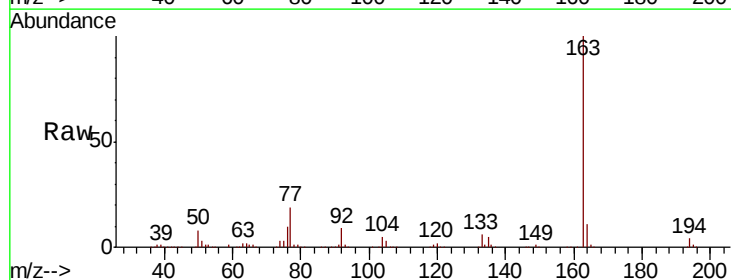
Tgt Ion:163 Resp: 637252

Ion Ratio Lower Upper

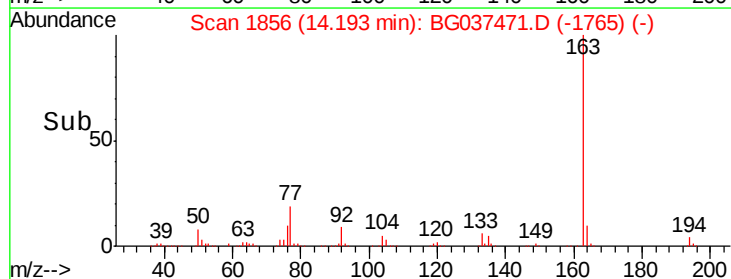
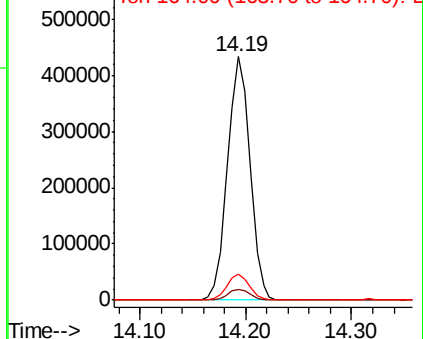
163 100

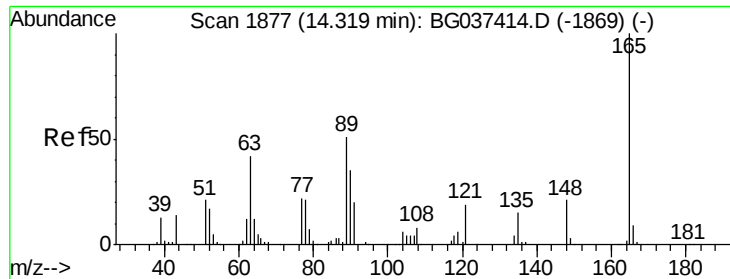
194 4.5 3.5 5.3

164 10.5 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

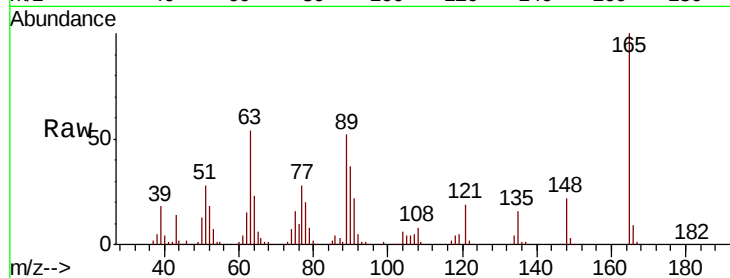




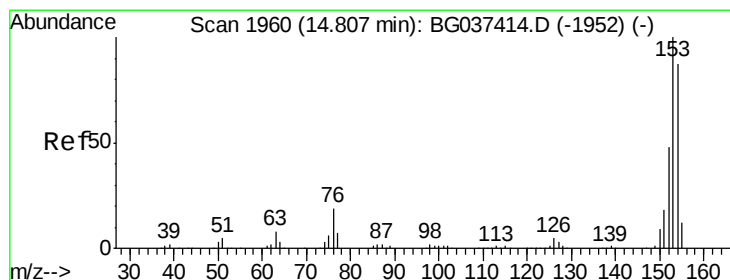
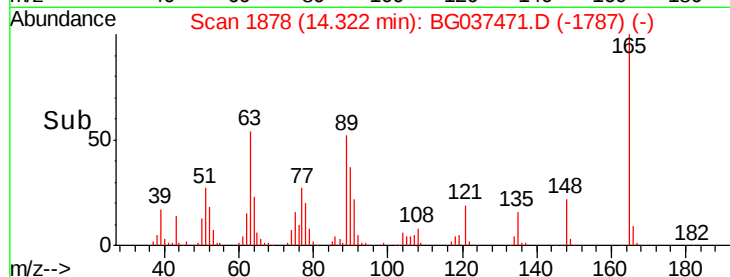
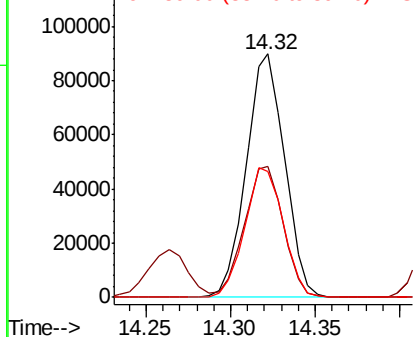
#51
 2,6-Dinitrotoluene
 Concen: 48.443 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.6	43.4	65.2
89	51.8	45.8	68.6

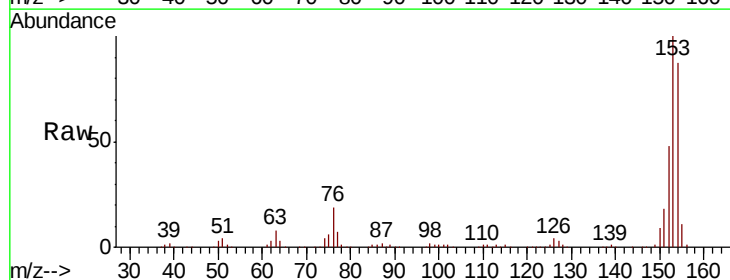


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

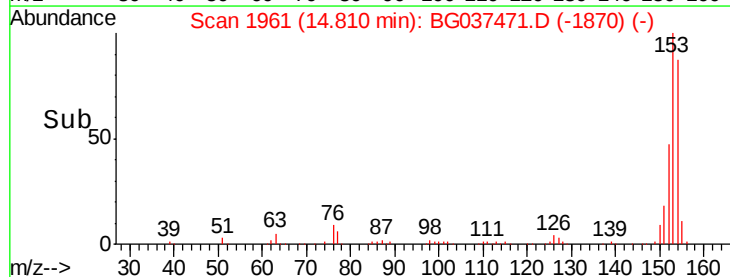
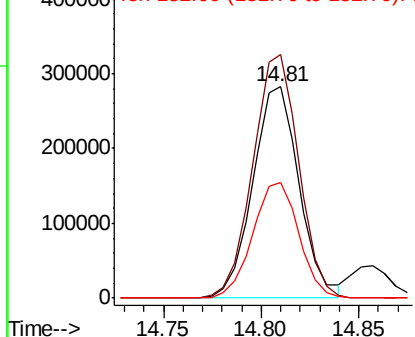


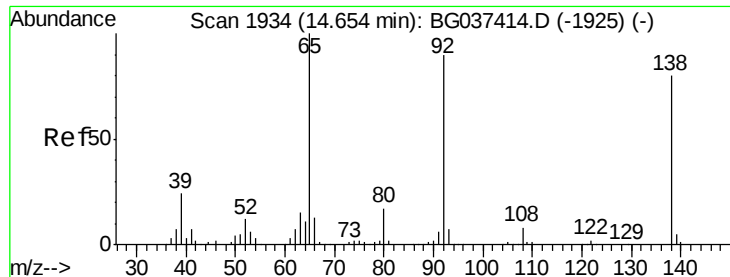
#52
 Acenaphthene
 Concen: 46.736 ng
 RT: 14.81 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	93.4	140.0
152	54.9	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.237 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

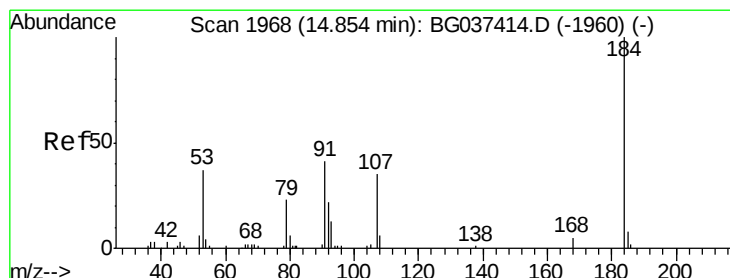
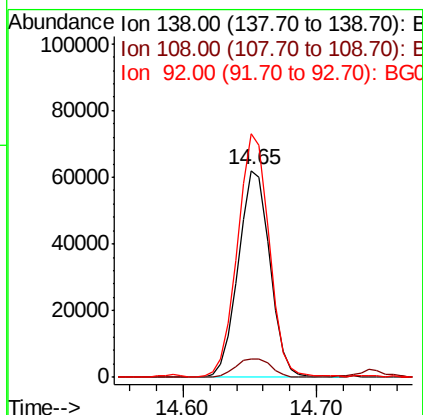
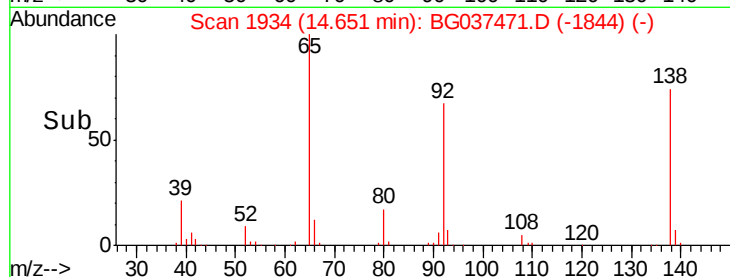
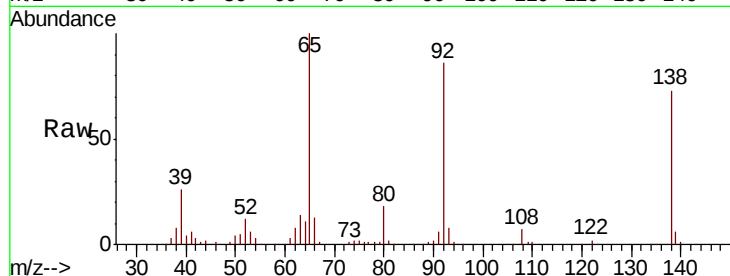
Tgt Ion:138 Resp: 101479

Ion Ratio Lower Upper

138 100

108 9.1 11.0 16.6#

92 117.8 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 89.701 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

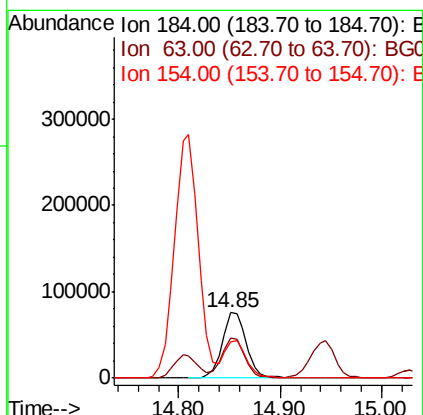
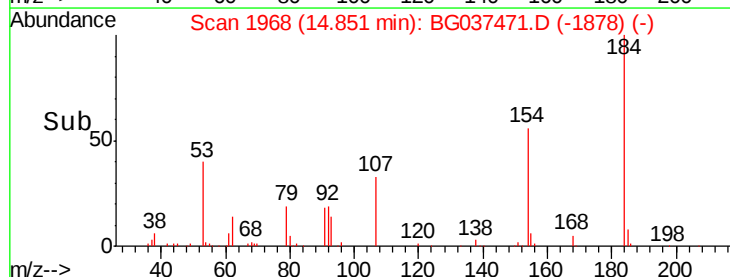
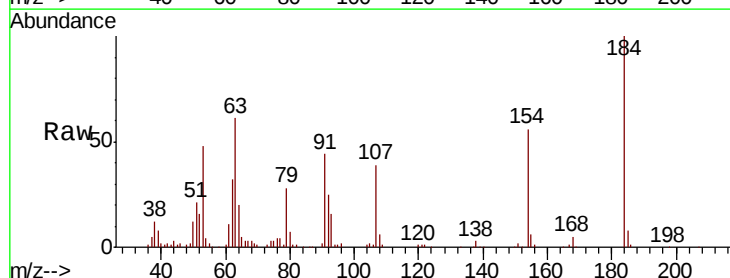
Tgt Ion:184 Resp: 125789

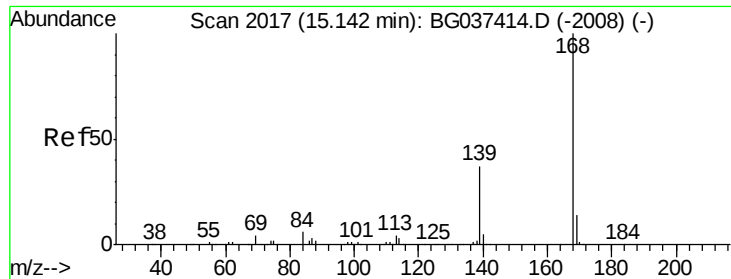
Ion Ratio Lower Upper

184 100

63 61.2 42.6 63.8

154 56.1 41.8 62.6

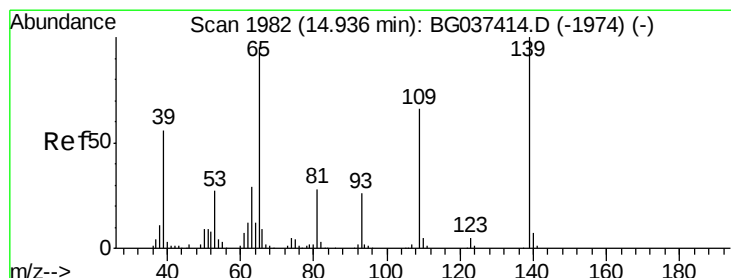
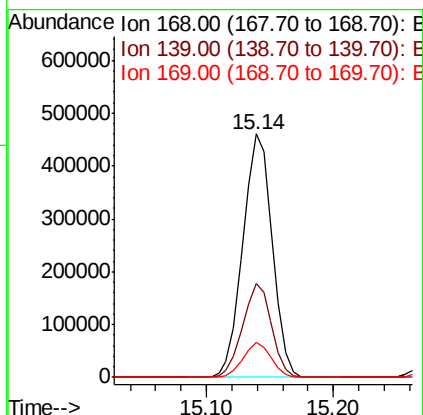
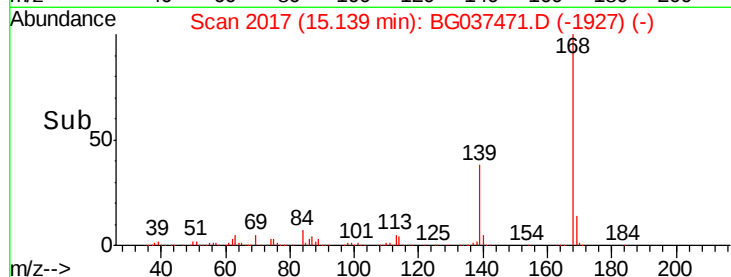
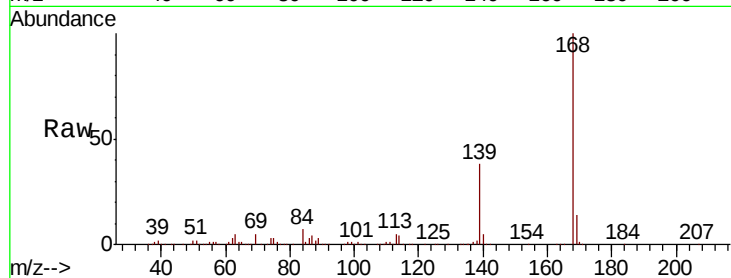




#55
Dibenzo(f,h)quinoxaline
Concen: 45.005 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

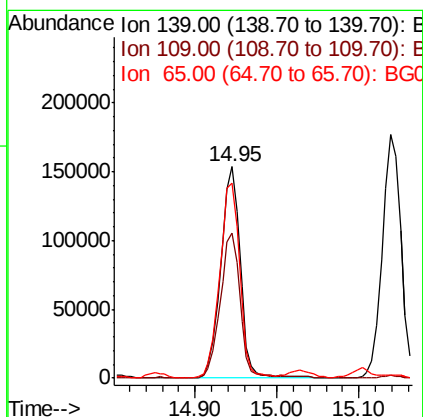
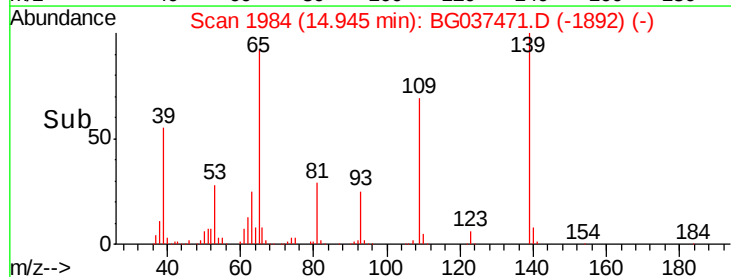
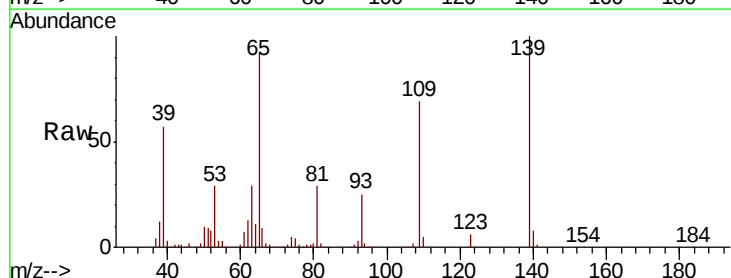
Instrument :
BNA_G
ClientSampleId :
PB113548BS

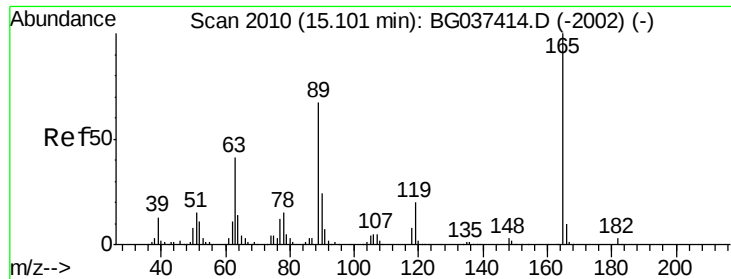
Tgt Ion:168 Resp: 740091
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 107.054 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion:139 Resp: 257427
Ion Ratio Lower Upper
139 100
109 68.6 49.5 89.5
65 92.3 76.8 116.8

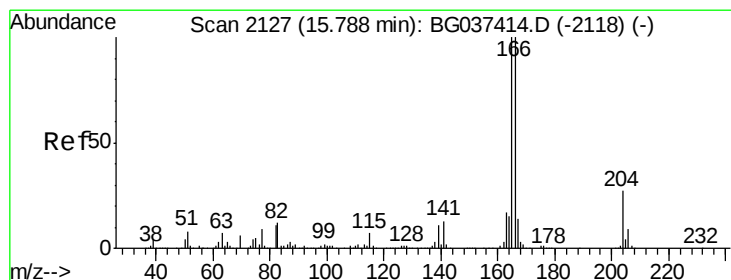
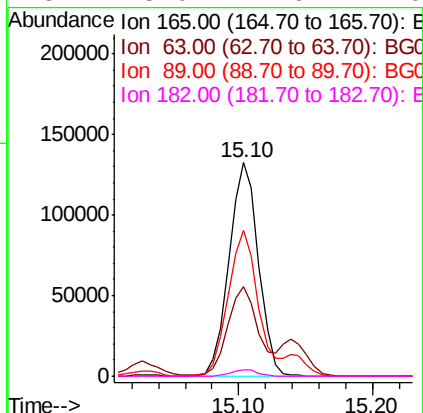
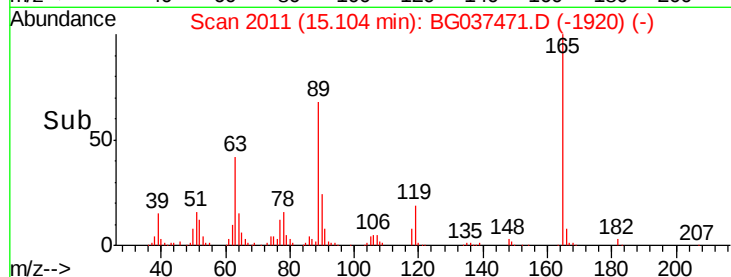
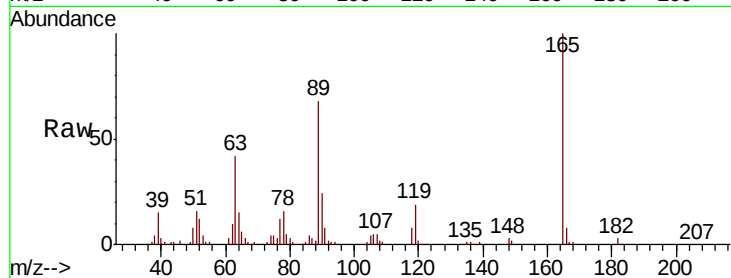




#57
2,4-Dinitrotoluene
Concen: 52.912 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

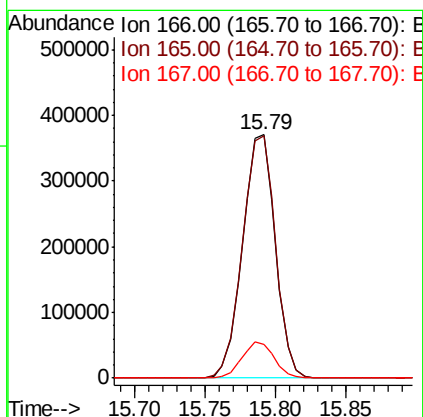
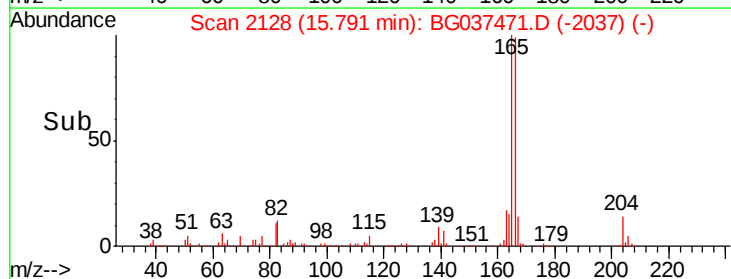
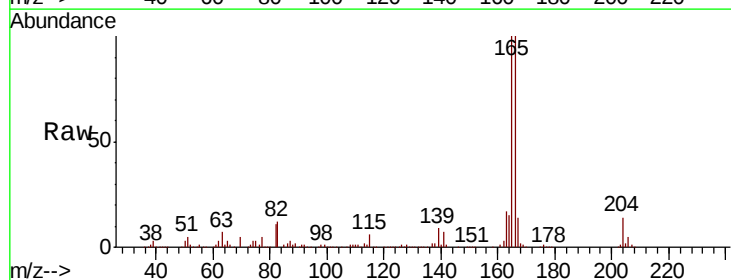
Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	33.4	50.0
89	68.2	57.2	85.8
182	3.0	2.6	4.0



#58
Fluorene
Concen: 48.802 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	14.1	11.3	16.9

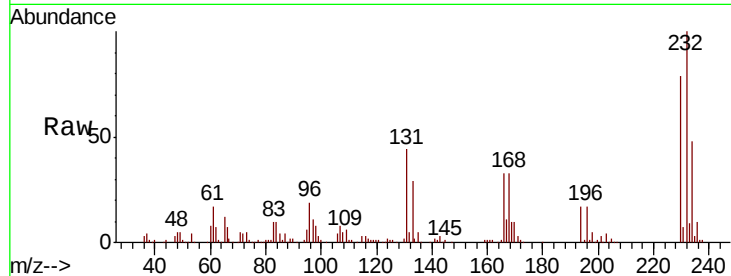




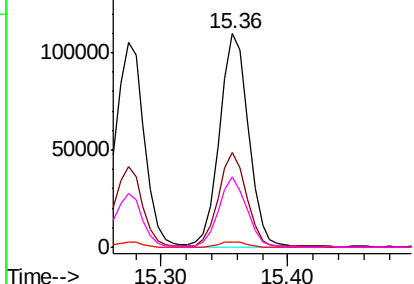
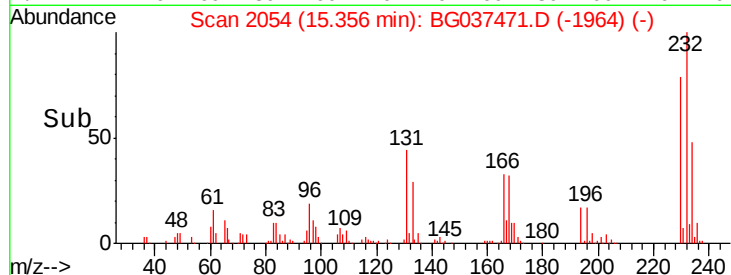
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.598 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion: 232 Resp: 173802
Ion Ratio Lower Upper
232 100
131 43.9 33.7 50.5
130 2.4 2.1 3.1
166 32.1 24.6 36.8

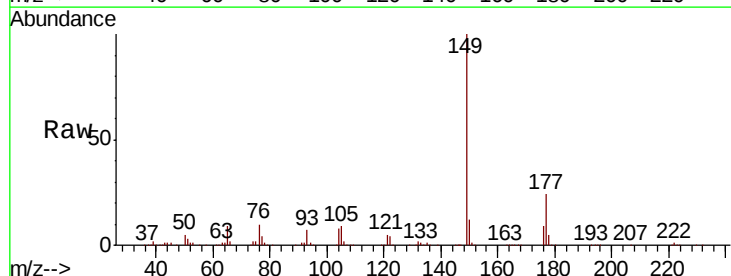


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

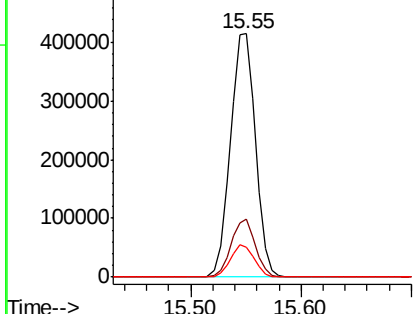
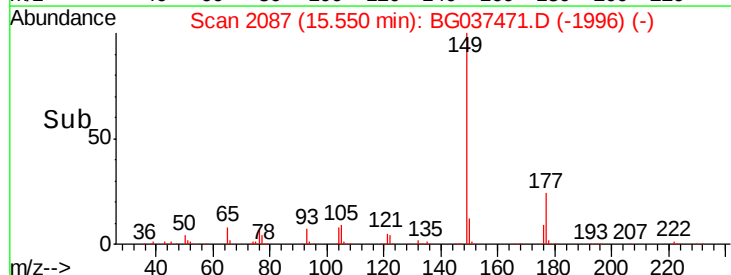


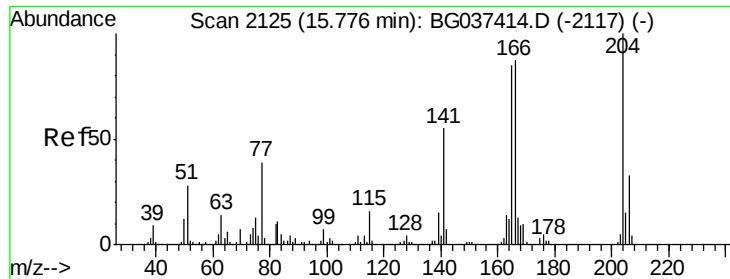
#60
Diethylphthalate
Concen: 48.570 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion: 149 Resp: 659627
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.5 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

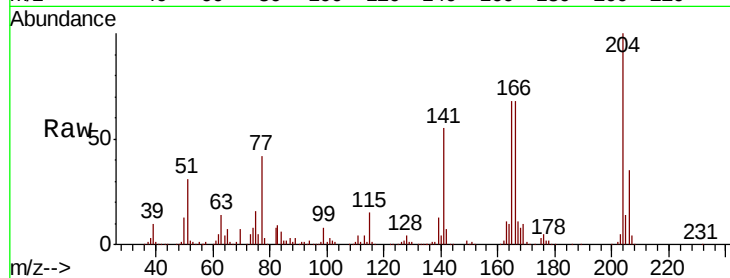




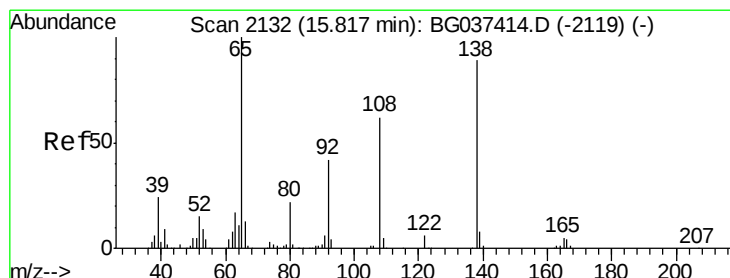
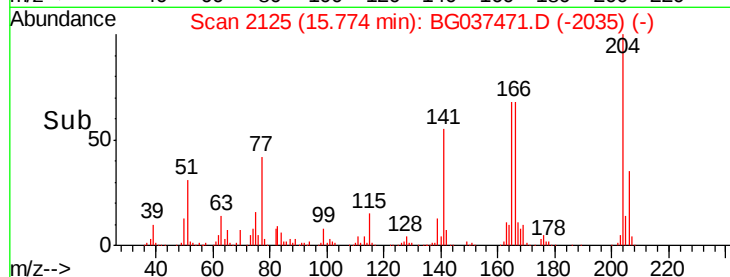
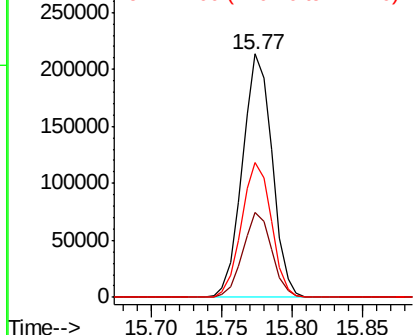
#61
4-Chlorophenyl-phenylether
Concen: 43.888 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion: 204 Resp: 315015
Ion Ratio Lower Upper
204 100
206 34.8 26.6 39.8
141 55.4 45.4 68.2

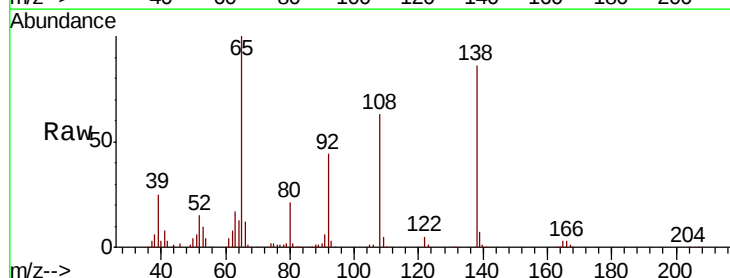


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

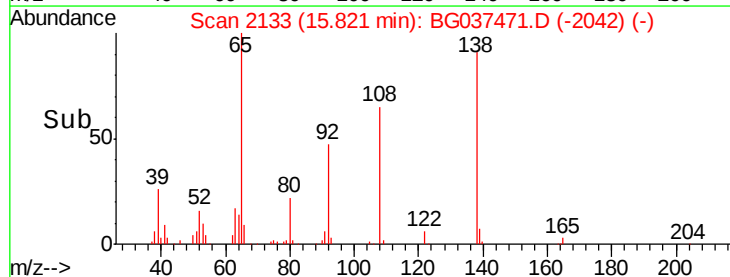
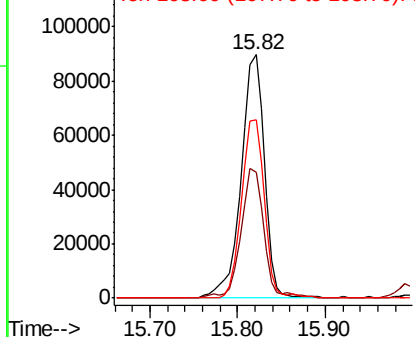


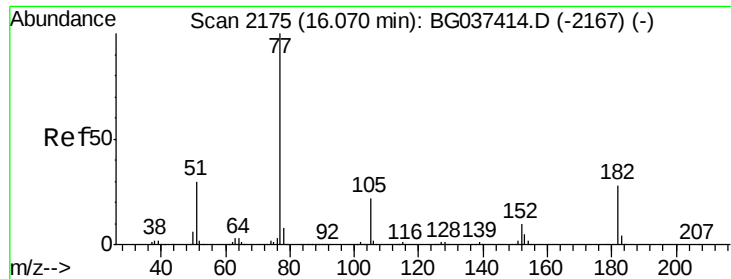
#62
4-Nitroaniline
Concen: 49.712 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion: 138 Resp: 160475
Ion Ratio Lower Upper
138 100
92 51.5 36.4 76.4
108 73.4 60.1 100.1



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

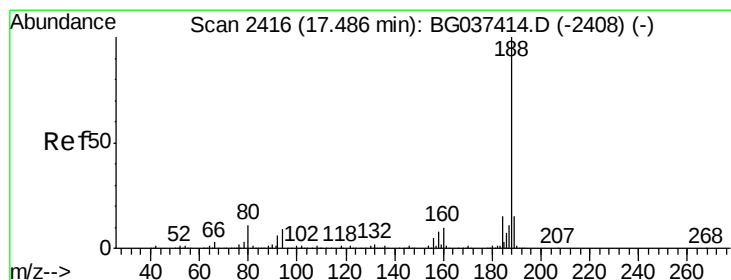
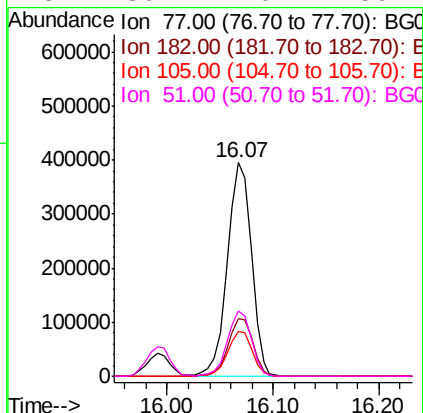
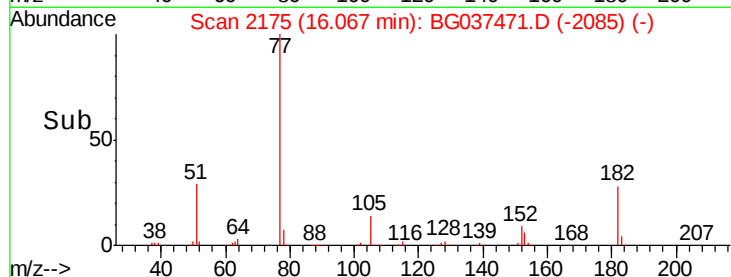
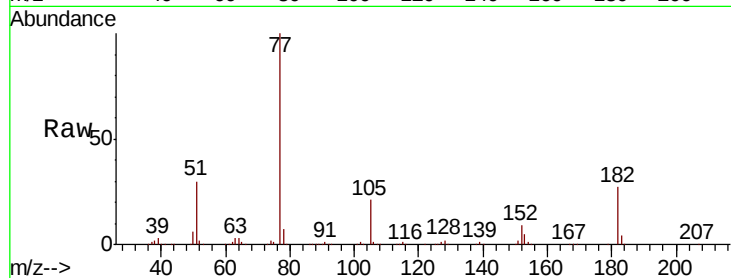




#63
Azobenzene
Concen: 47.857 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

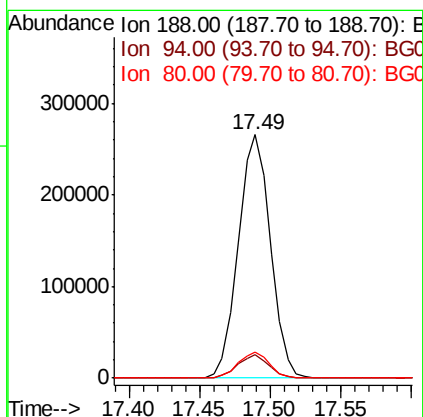
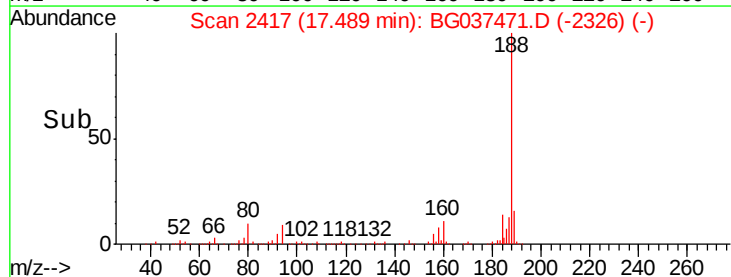
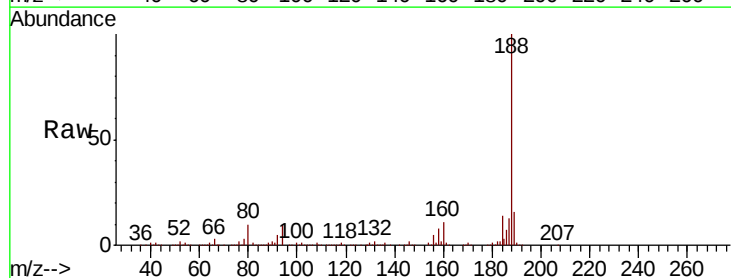
Instrument :
BNA_G
ClientSampleId :
PB113548BS

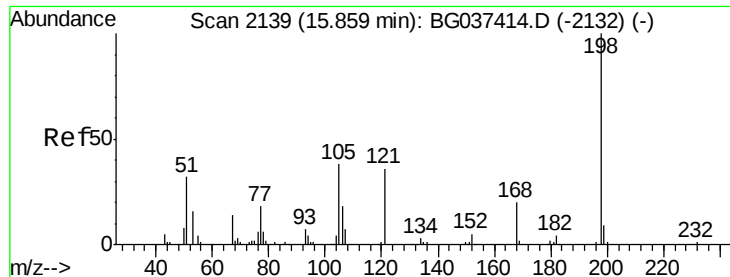
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.0	48.0
105	21.1	1.3	41.3
51	30.4	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.4	7.7	11.5

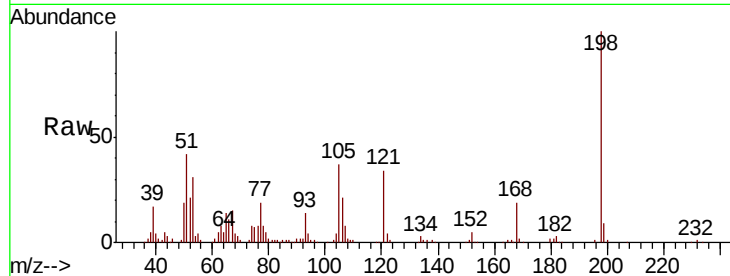




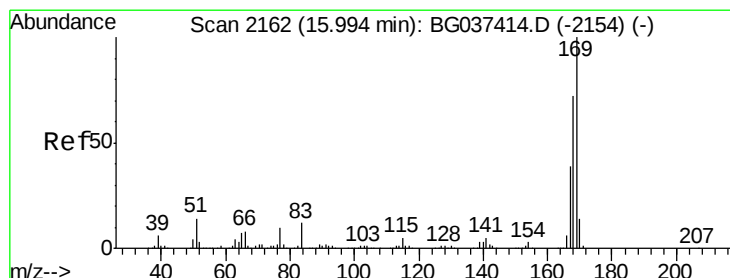
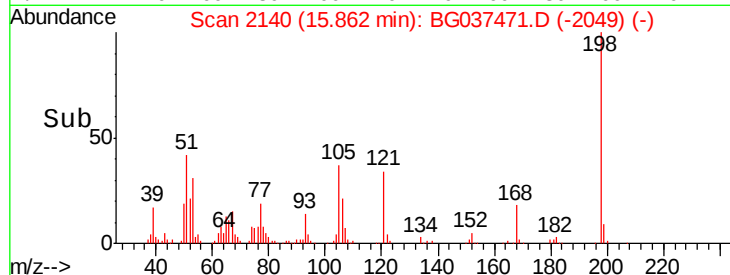
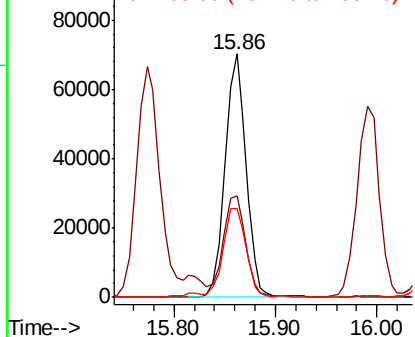
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.107 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion:198 Resp: 101406
 Ion Ratio Lower Upper
 198 100
 51 41.8 22.7 62.7
 105 36.5 19.7 59.7

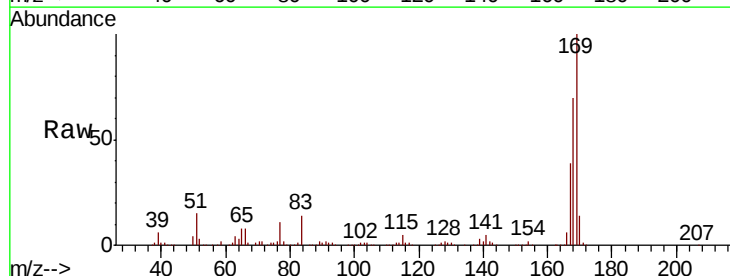


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

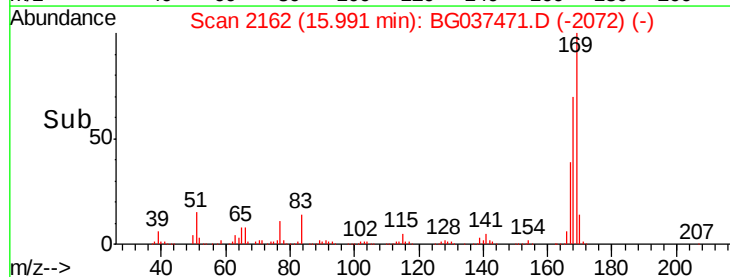
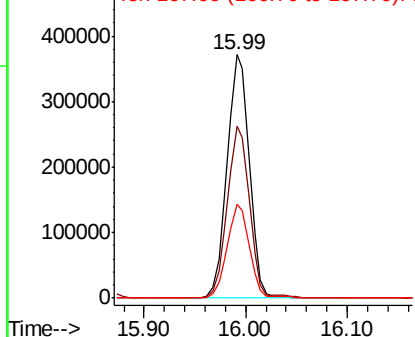


#66
 n-Nitrosodiphenylamine
 Concen: 44.290 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:169 Resp: 563367
 Ion Ratio Lower Upper
 169 100
 168 70.4 55.7 83.5
 167 38.7 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

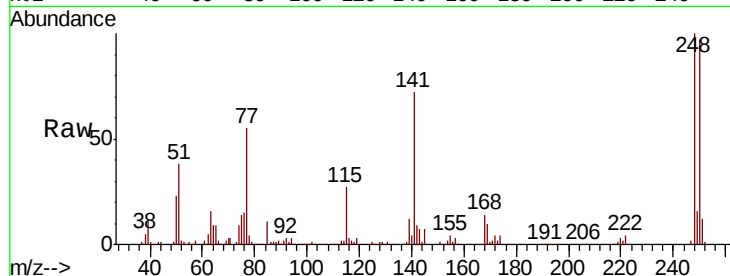




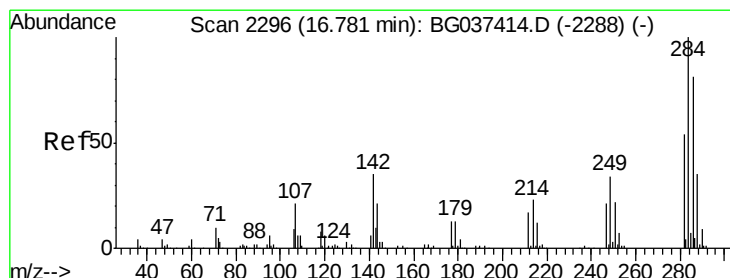
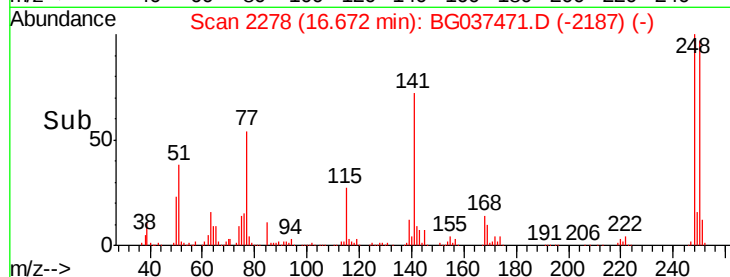
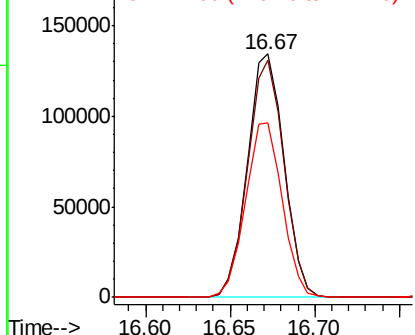
#67
4-Bromophenyl-phenylether
Concen: 43.658 ng
RT: 16.67 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion:248 Resp: 202738
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.6
141 71.7 55.5 83.3

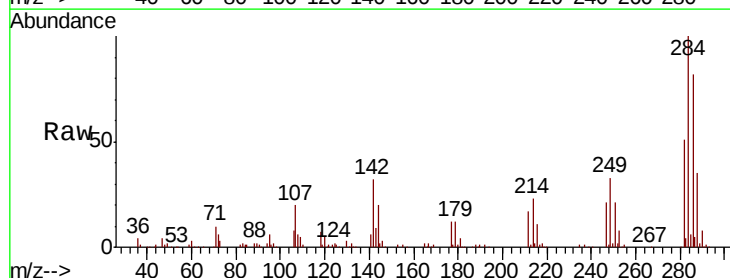


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

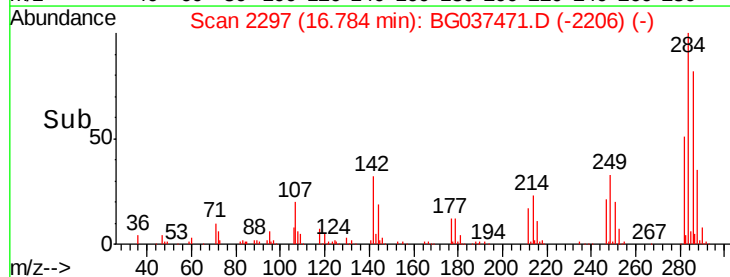
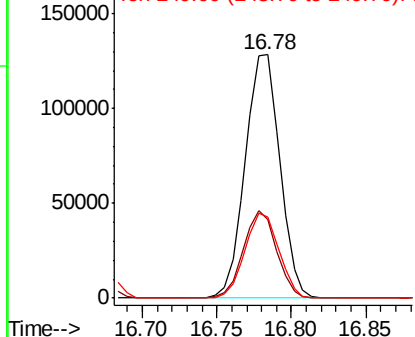


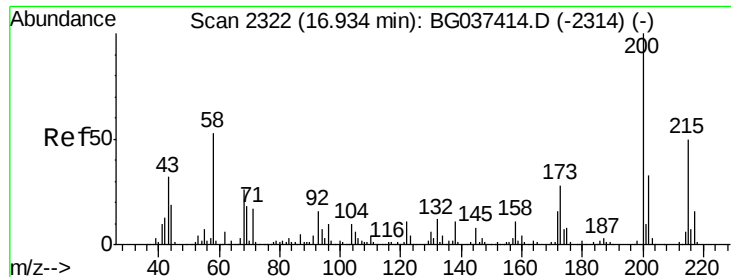
#68
Hexachlorobenzene
Concen: 42.762 ng
RT: 16.78 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion:284 Resp: 205805
Ion Ratio Lower Upper
284 100
142 32.4 28.1 42.1
249 35.8 29.8 44.8



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

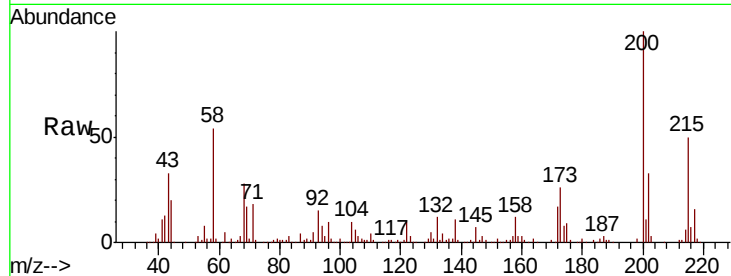




#69
 Atrazine
 Concen: 47.765 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.1	46.1
215	50.4	30.8	70.8

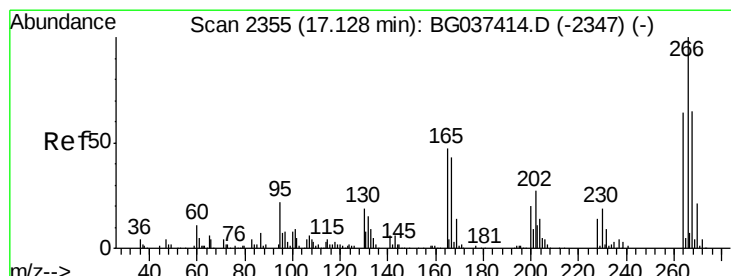
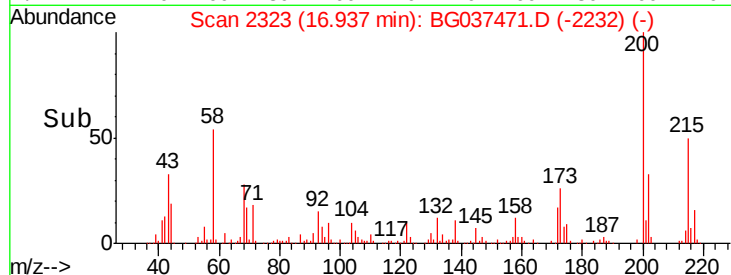
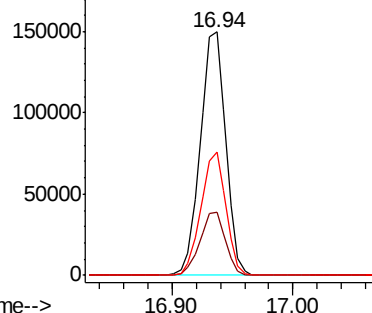


Abundance

Ion 200.00 (199.70 to 200.70): E

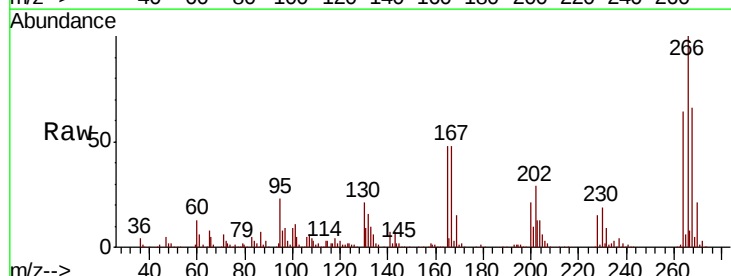
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 80.862 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.4	55.0	82.6
264	69.4	58.9	88.3

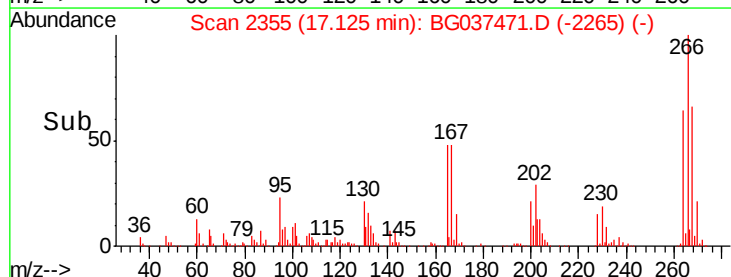
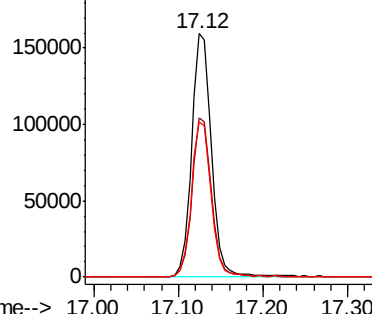


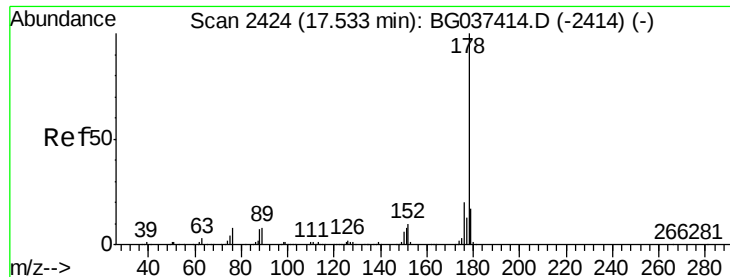
Abundance

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

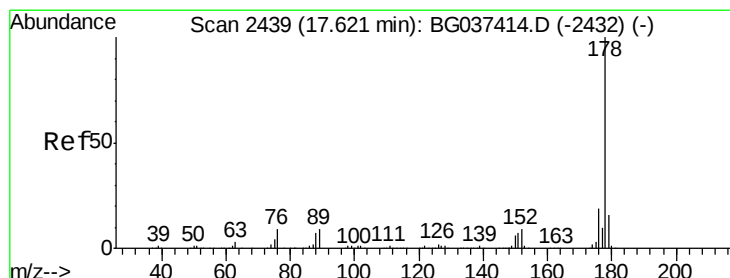
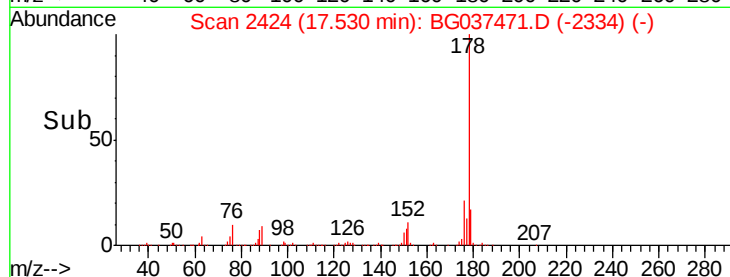
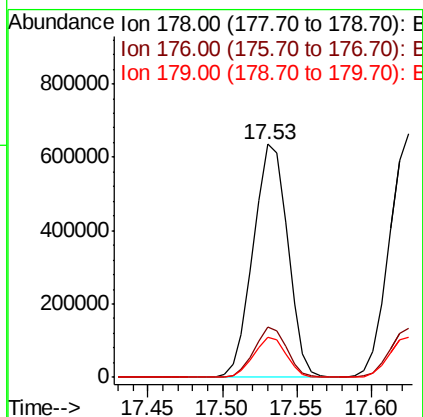
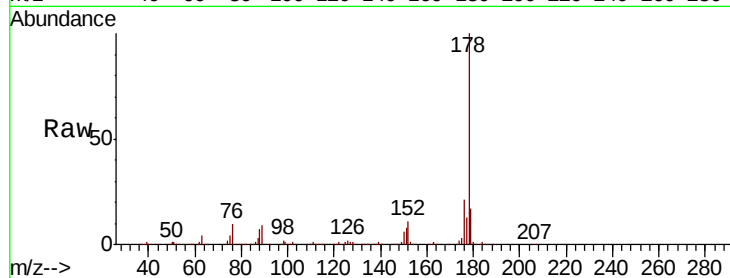




#71
Phenanthrene
Concen: 47.370 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

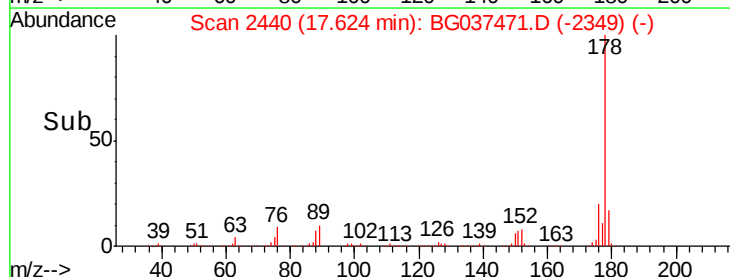
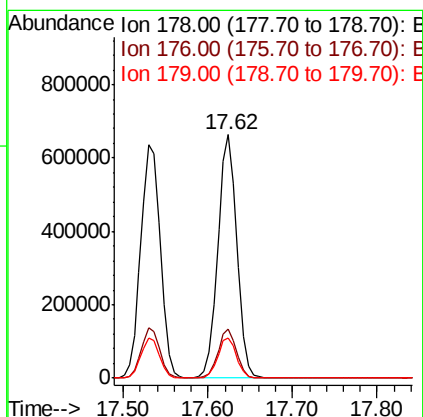
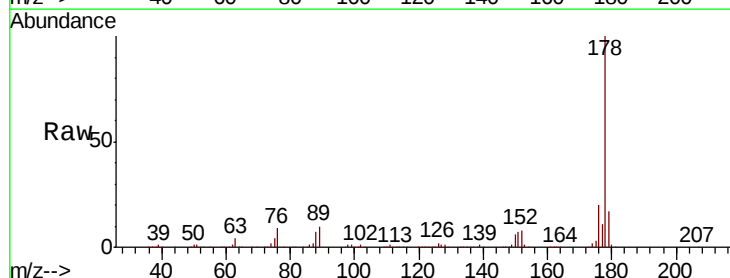
Instrument :
BNA_G
ClientSampleId :
PB113548BS

Tgt Ion:178 Resp: 1018032
Ion Ratio Lower Upper
178 100
176 21.4 16.1 24.1
179 17.0 13.0 19.4



#72
Anthracene
Concen: 49.403 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037471.D
Acq: 20 Oct 2018 4:20

Tgt Ion:178 Resp: 1041943
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.4
179 16.6 12.8 19.2





#73

Carbazole

Concen: 46.029 ng

RT: 17.89 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

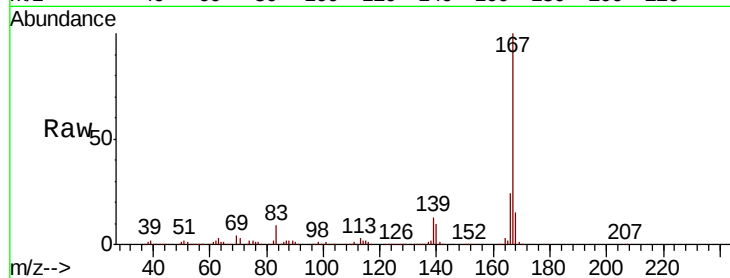
Tgt Ion:167 Resp: 971072

Ion Ratio Lower Upper

167 100

166 23.9 18.3 27.5

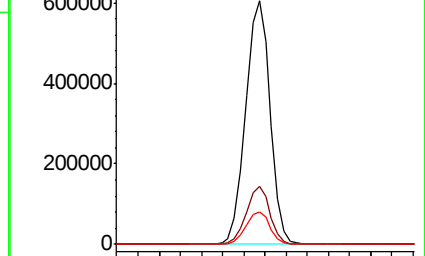
139 13.2 10.5 15.7



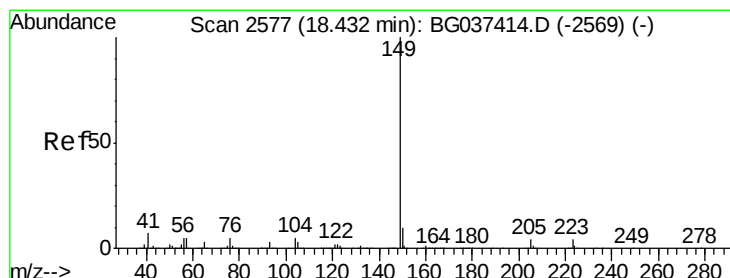
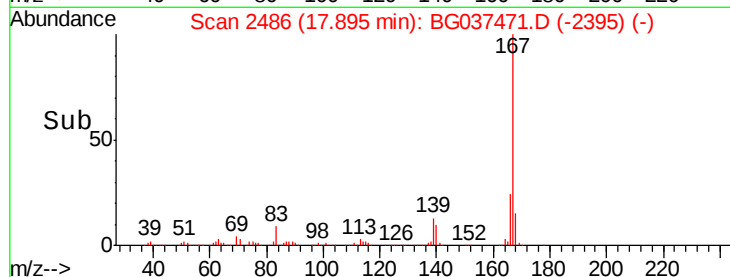
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 48.013 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

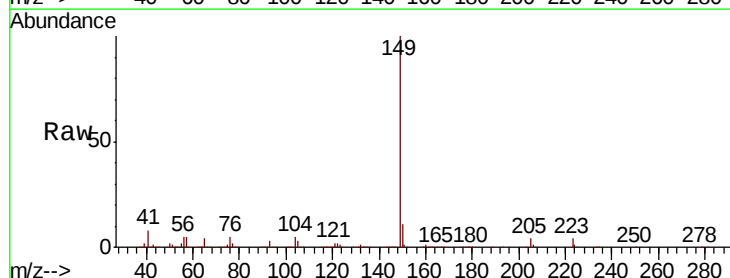
Tgt Ion:149 Resp: 1126784

Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.2

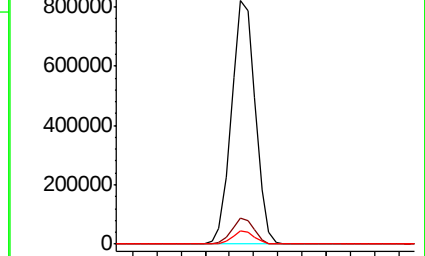
104 5.2 4.0 6.0



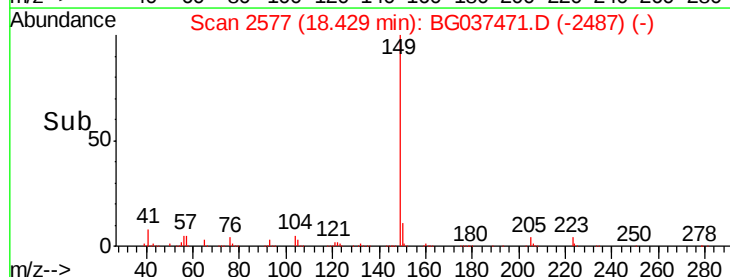
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#75

Fluoranthene

Concen: 49.950 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

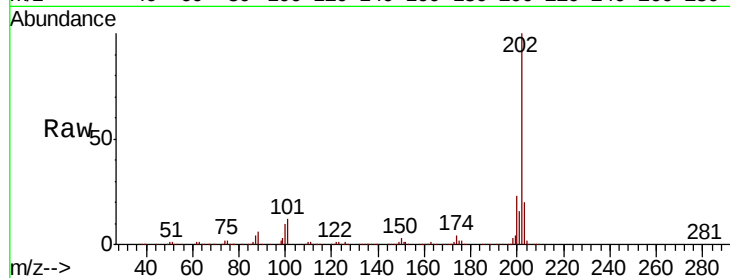
Tgt Ion:202 Resp: 1217527

Ion Ratio Lower Upper

202 100

101 12.2 0.0 30.7

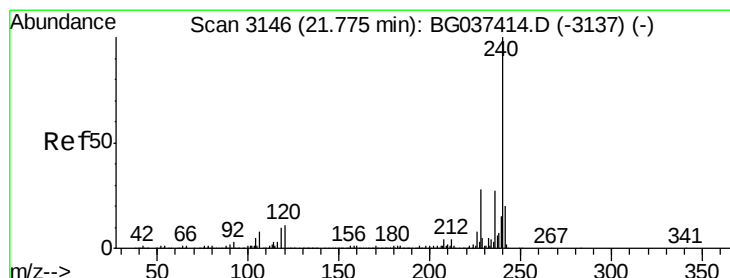
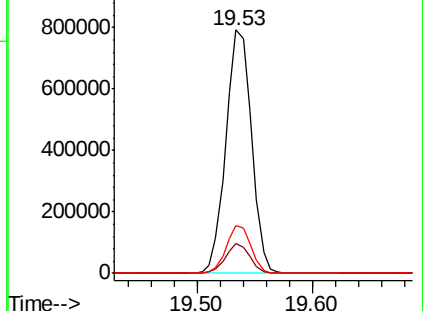
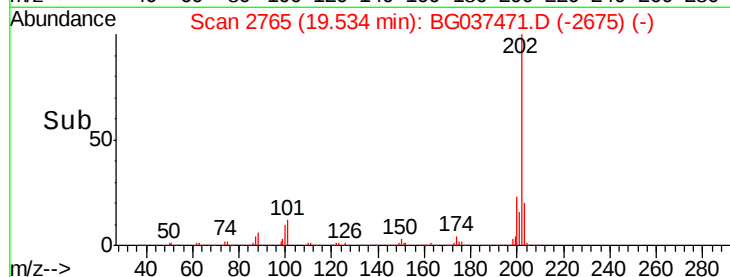
203 19.6 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

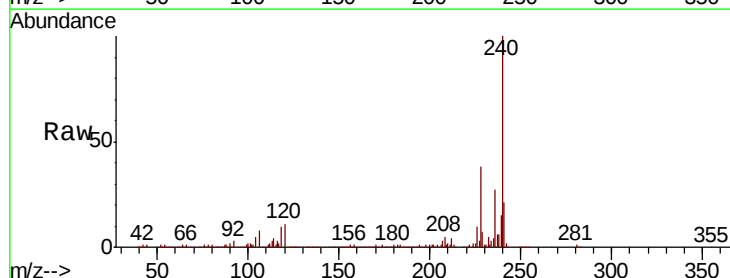
Tgt Ion:240 Resp: 396206

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

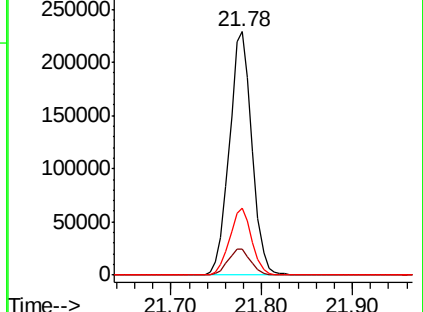
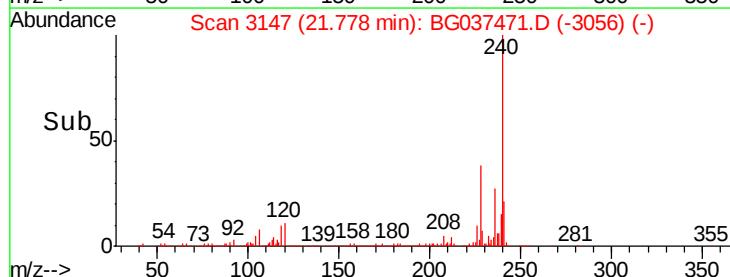
236 27.3 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.312 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

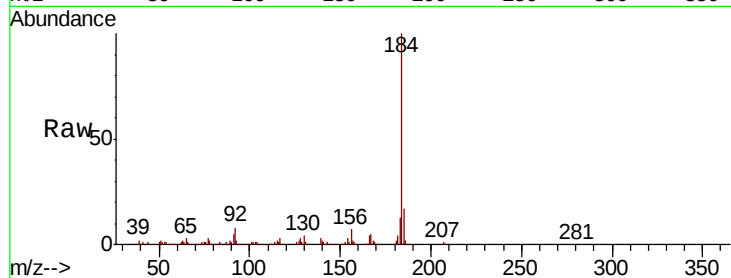
Tgt Ion:184 Resp: 354473

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

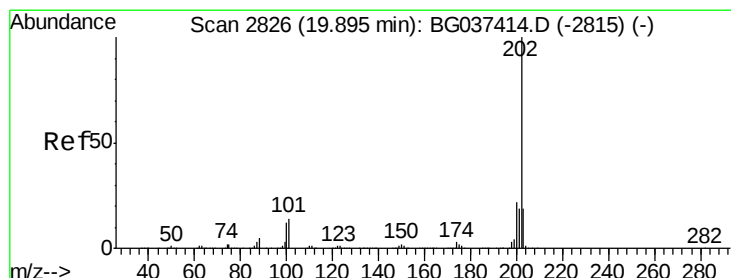
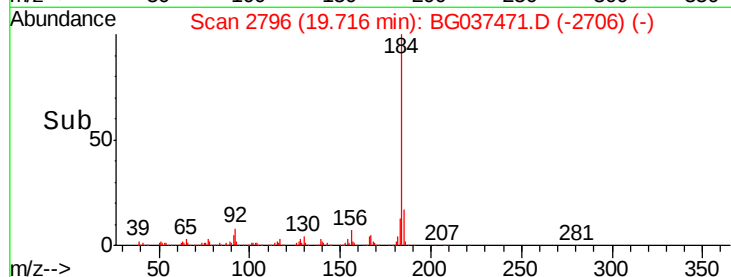
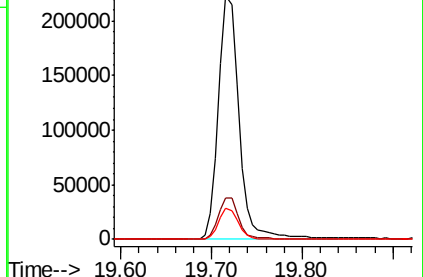
183 12.9 10.2 15.2



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: 46.783 ng

RT: 19.90 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

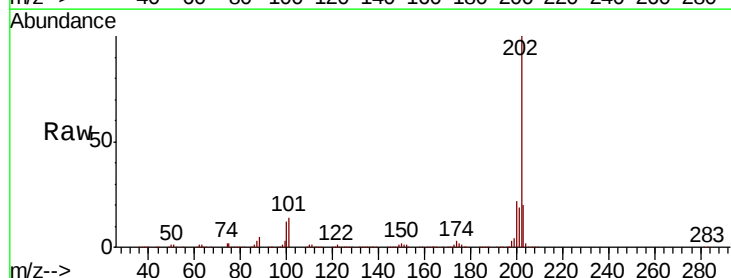
Tgt Ion:202 Resp: 1211701

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

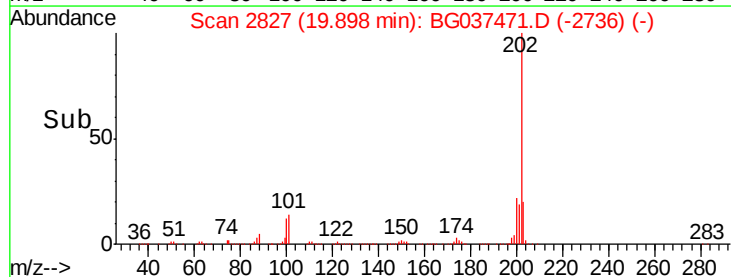
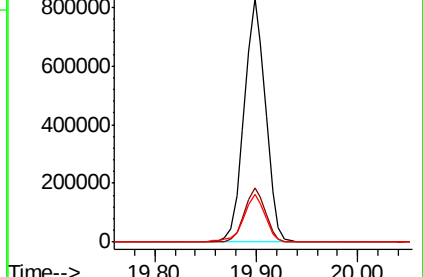
203 19.5 15.2 22.8



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: 89.879 ng

RT: 20.09 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

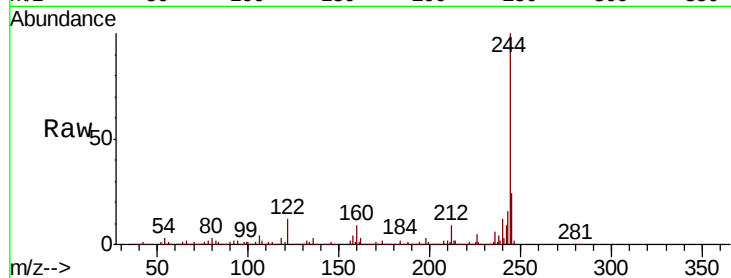
Tgt Ion:244 Resp: 1666565

Ion Ratio Lower Upper

244 100

212 9.0 6.5 9.7

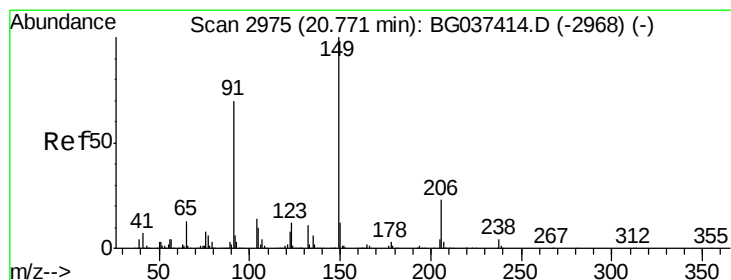
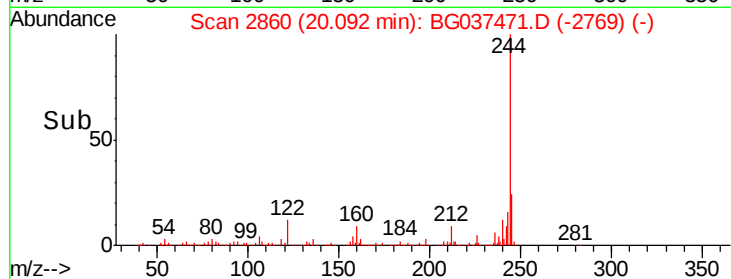
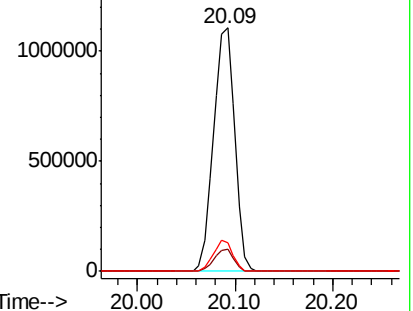
122 11.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.570 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

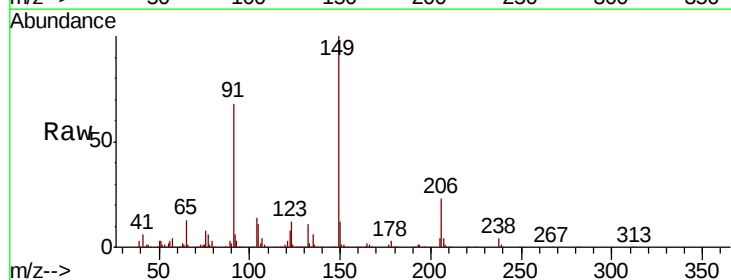
Tgt Ion:149 Resp: 525444

Ion Ratio Lower Upper

149 100

91 68.3 57.0 85.4

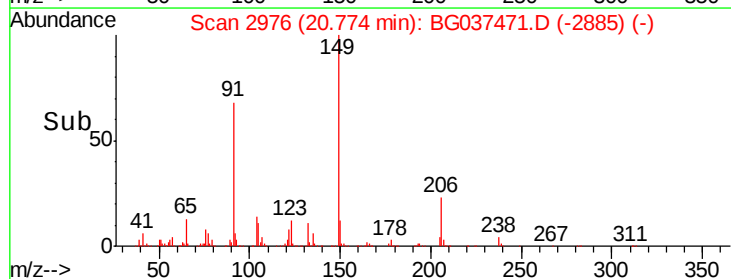
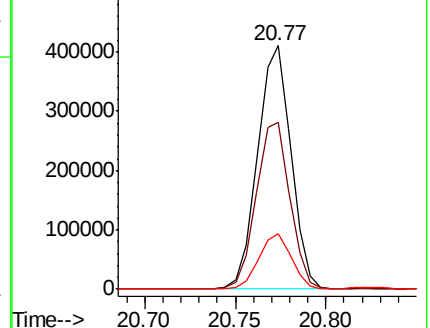
206 23.0 17.8 26.6

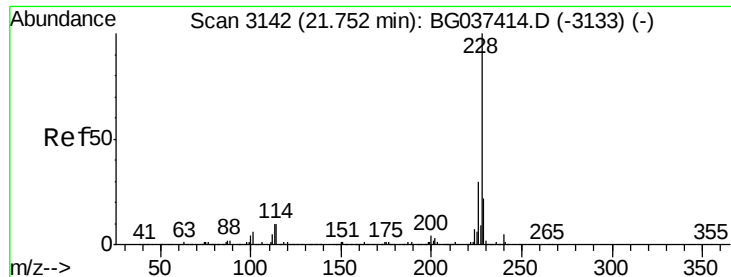


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.884 ng

RT: 21.75 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

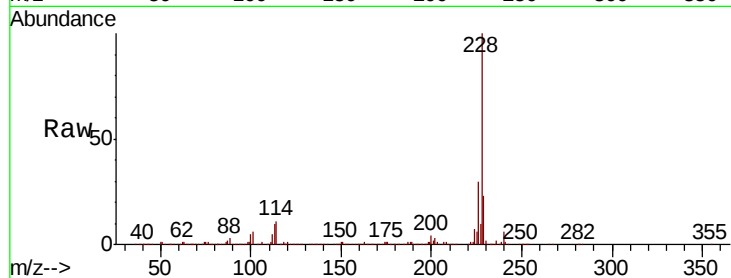
Tgt Ion:228 Resp: 1145616

Ion Ratio Lower Upper

228 100

226 30.0 22.6 33.8

229 22.5 16.3 24.5

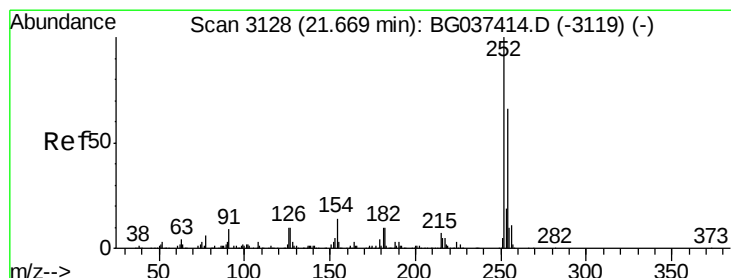
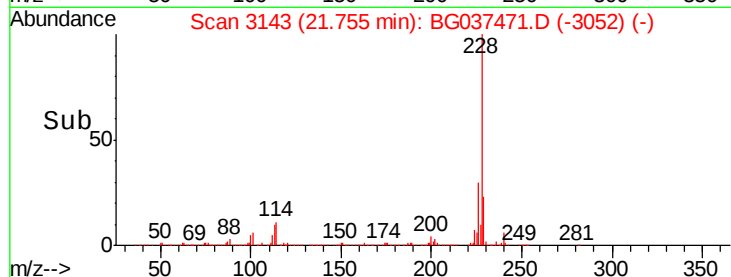
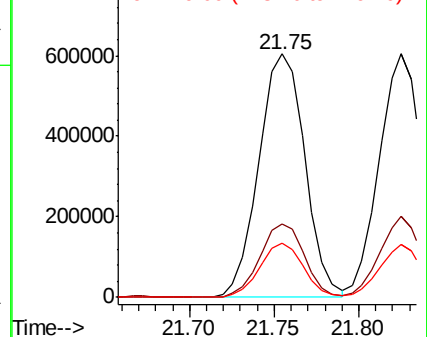


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.101 ng

RT: 21.67 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

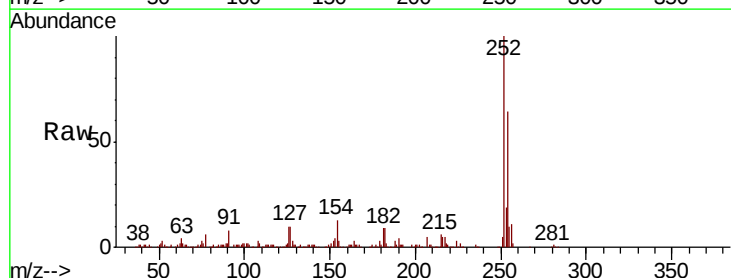
Tgt Ion:252 Resp: 273430

Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

126 9.7 8.2 12.4

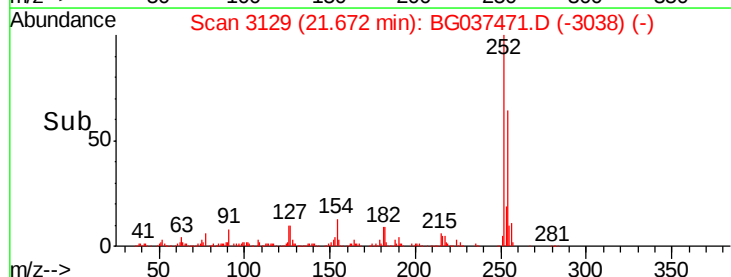
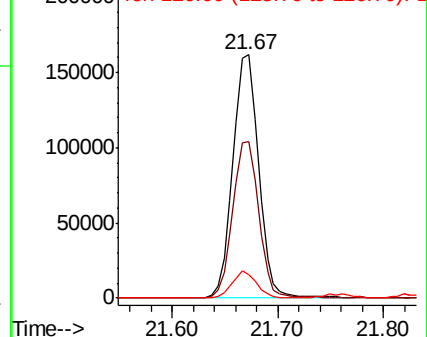


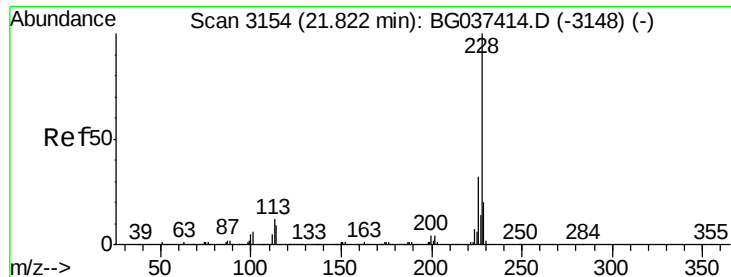
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.300 ng

RT: 21.83 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

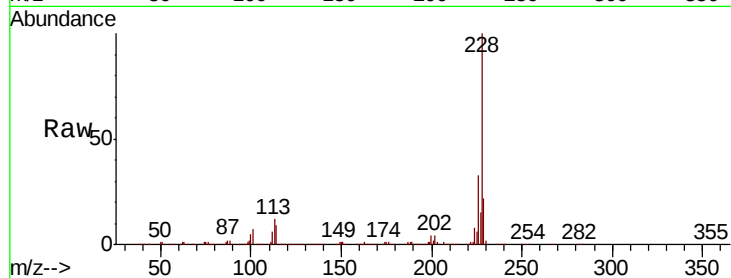
Tgt Ion:228 Resp: 1065880

Ion Ratio Lower Upper

228 100

226 33.2 25.7 38.5

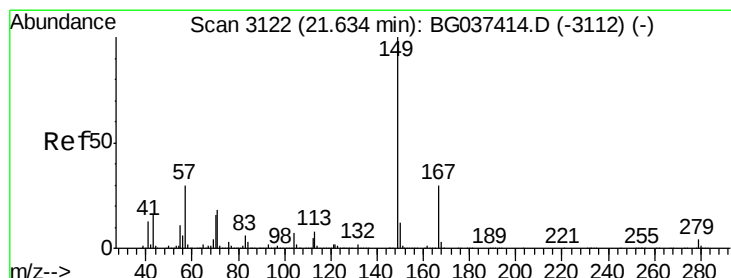
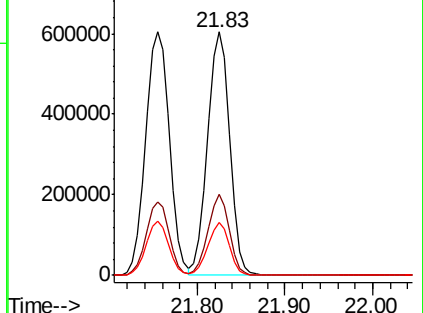
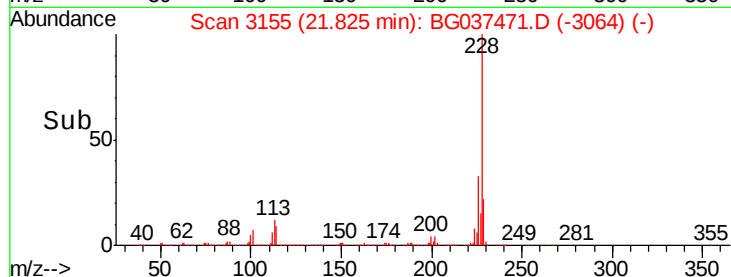
229 21.7 16.5 24.7



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: 49.310 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

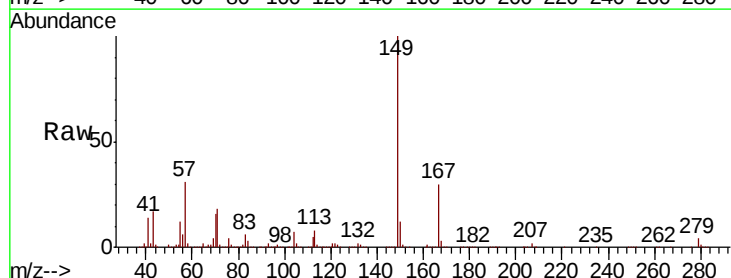
Tgt Ion:149 Resp: 732656

Ion Ratio Lower Upper

149 100

167 30.0 23.0 34.4

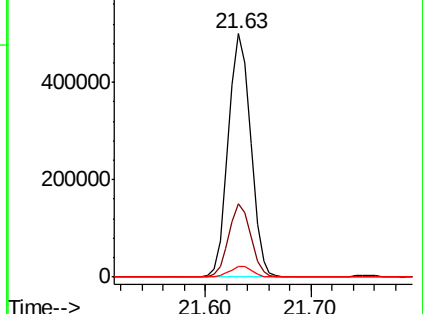
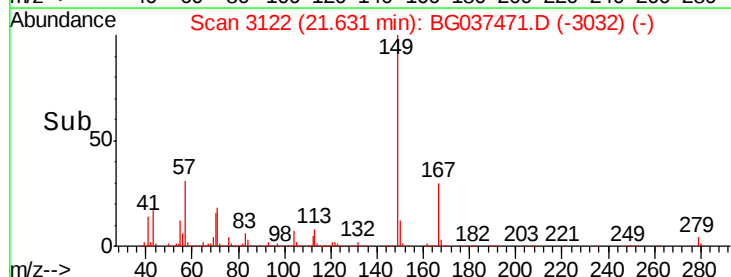
279 4.4 3.6 5.4



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

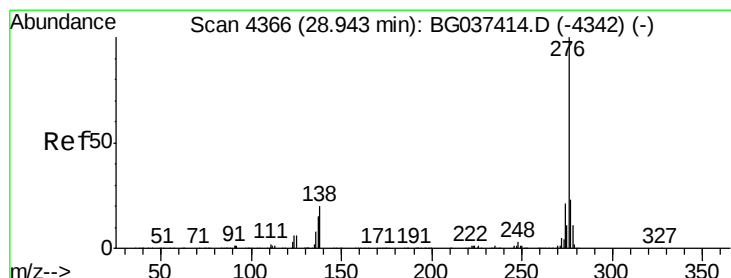
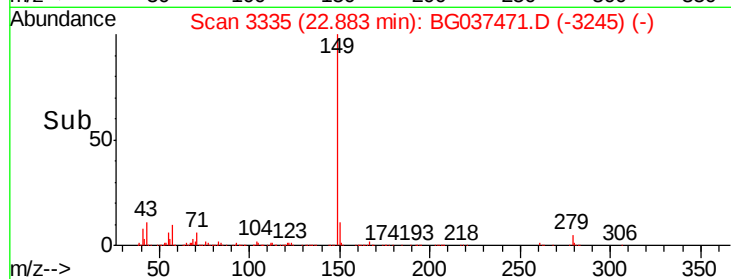
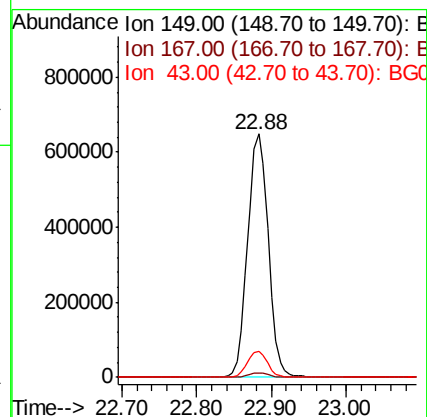
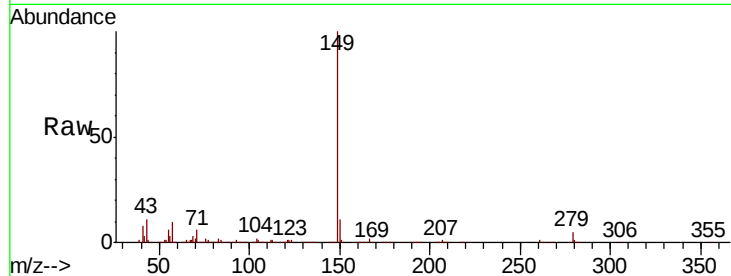




#85
 Di-n-octyl phthalate
 Concen: 51.411 ng
 RT: 22.88 min Scan# 3335
 Delta R.T. -0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

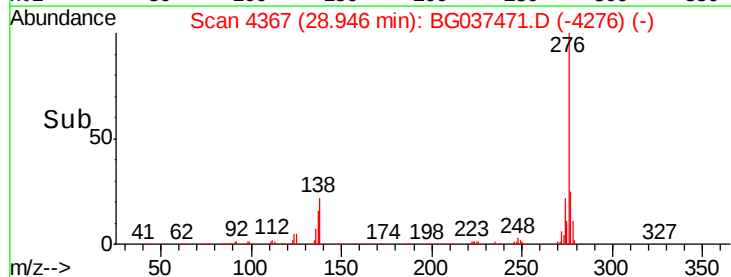
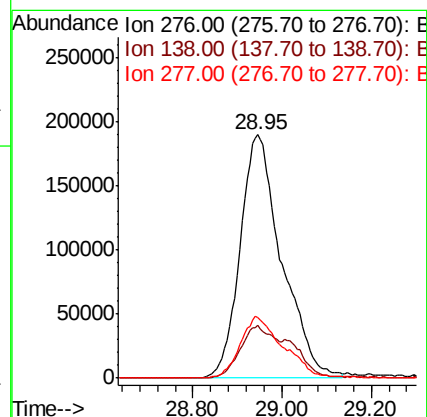
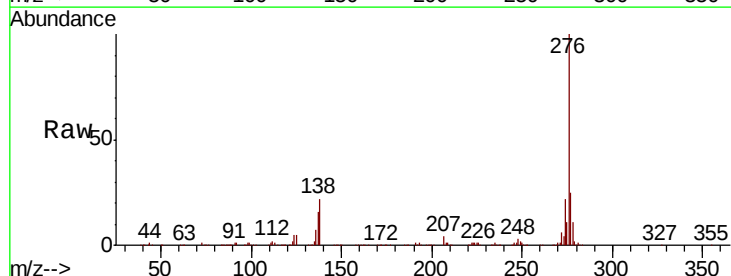
Instrument :
 BNA_G
 ClientSampleId :
 PB113548BS

Tgt Ion:149 Resp: 1245635
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.5 8.7 13.1



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 50.745 ng
 RT: 28.95 min Scan# 4367
 Delta R.T. 0.00 min
 Lab File: BG037471.D
 Acq: 20 Oct 2018 4:20

Tgt Ion:276 Resp: 1226491
 Ion Ratio Lower Upper
 276 100
 138 18.3 12.0 18.0#
 277 26.0 20.6 30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

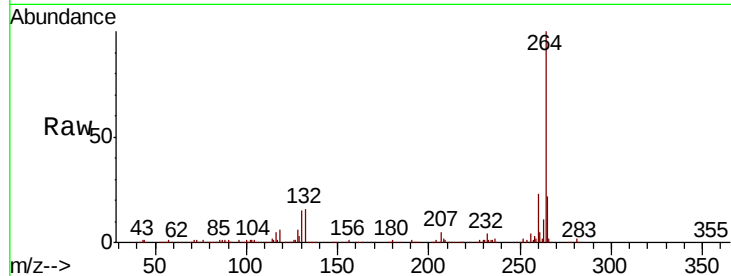
Tgt Ion:264 Resp: 421695

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

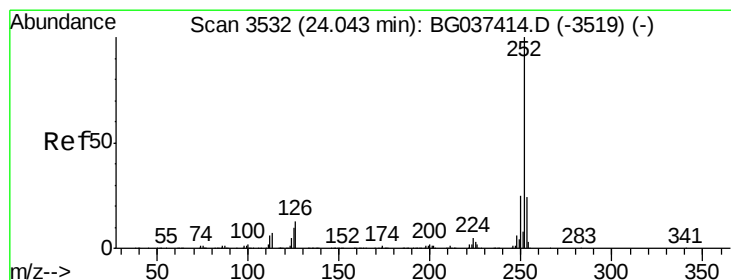
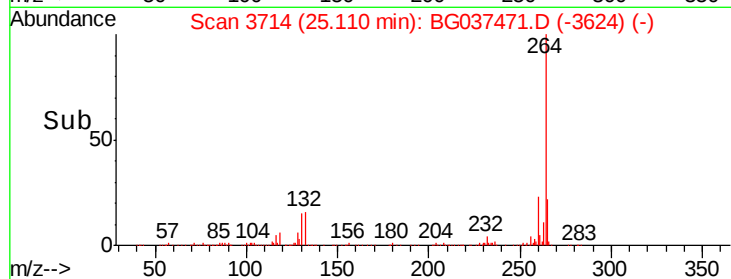
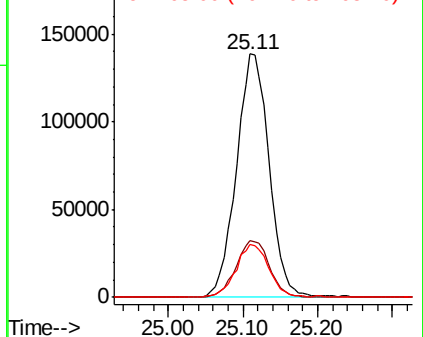
265 21.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.022 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

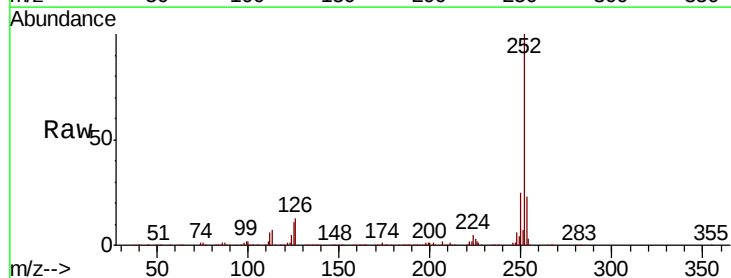
Tgt Ion:252 Resp: 1156453

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

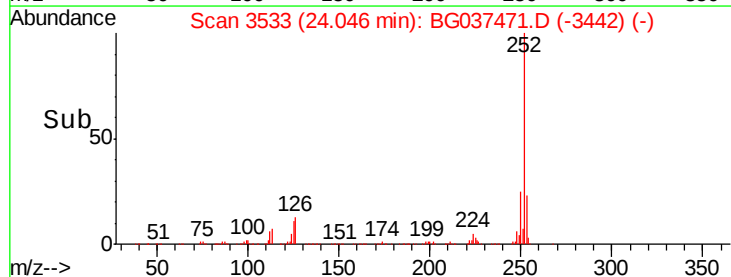
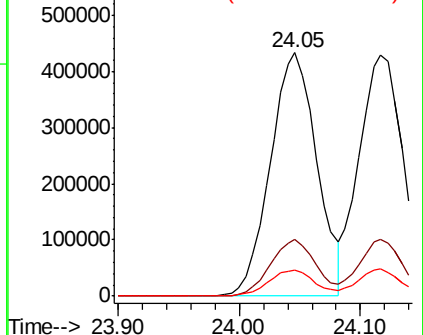
125 10.9 7.8 11.6

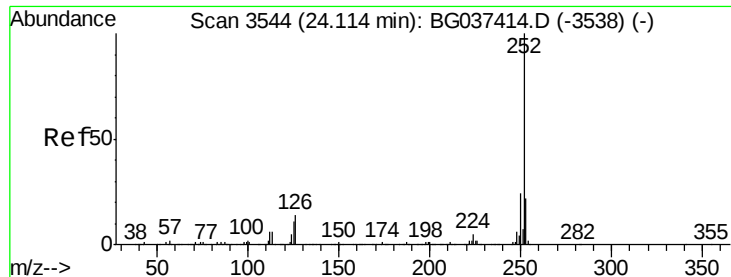


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.057 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.07 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

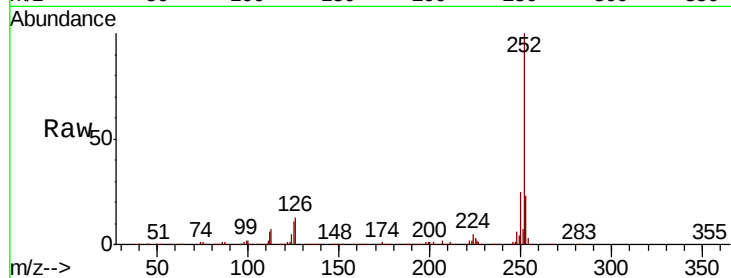
Tgt Ion:252 Resp: 1156453

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

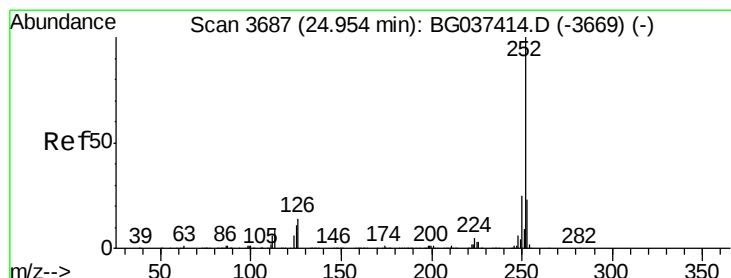
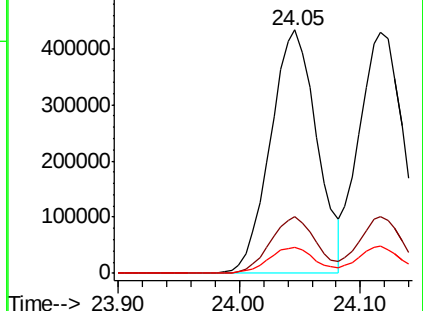
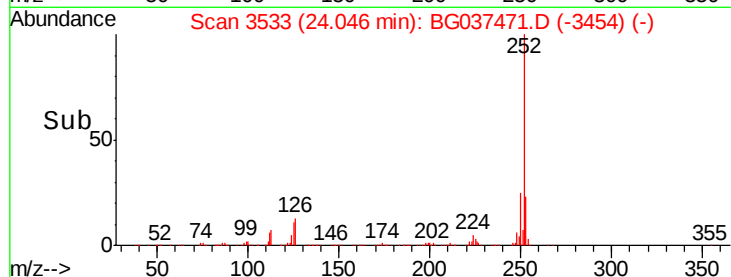
125 10.9 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.555 ng

RT: 24.96 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

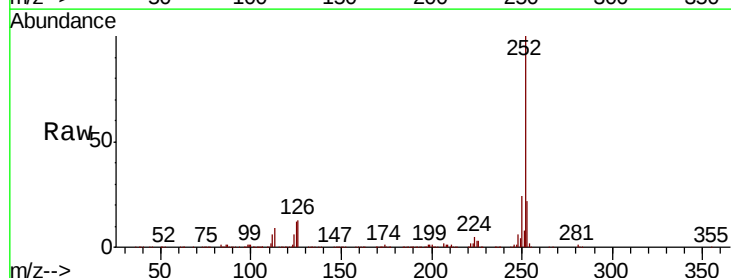
Tgt Ion:252 Resp: 1110617

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

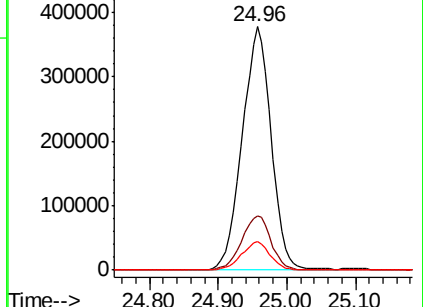
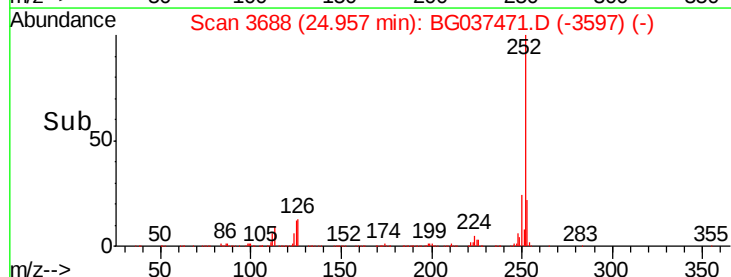
125 11.6 9.0 13.6

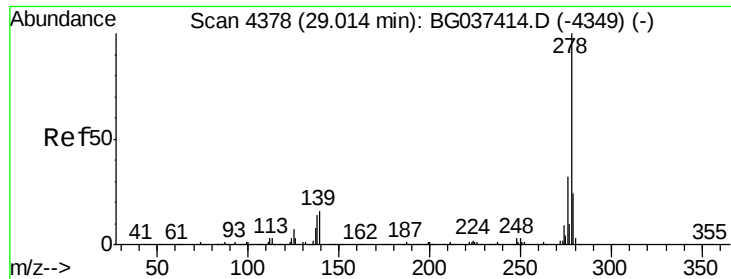


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 49.305 ng

RT: 29.02 min Scan# 4380

Delta R.T. 0.01 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

Instrument :

BNA_G

ClientSampleId :

PB113548BS

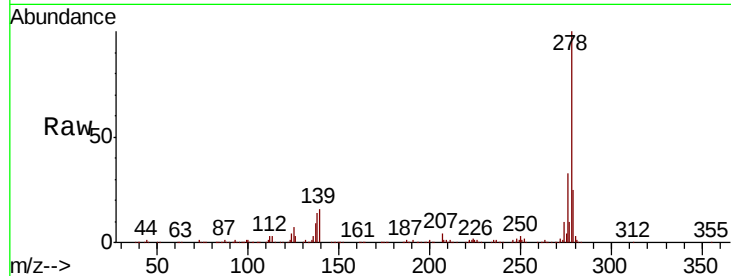
Tgt Ion:278 Resp: 999124

Ion Ratio Lower Upper

278 100

139 16.2 11.5 17.3

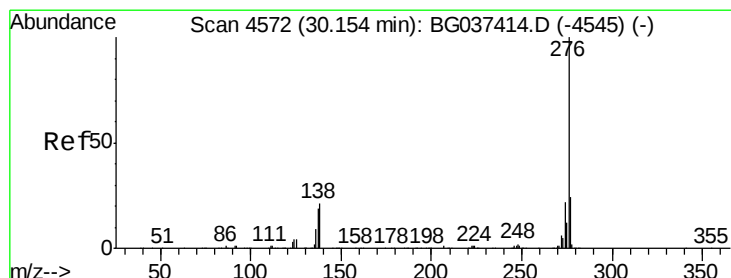
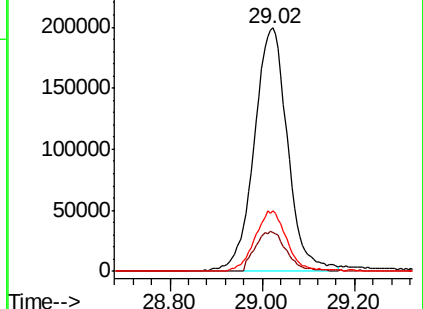
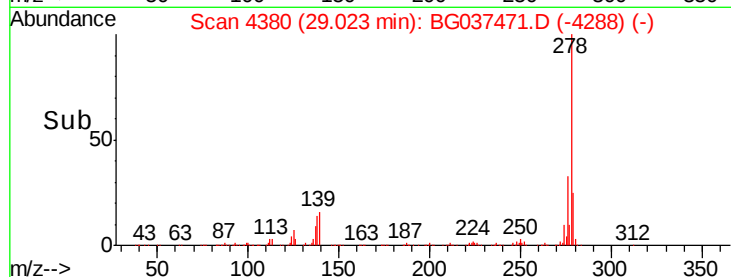
279 25.0 18.6 27.8



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: 50.253 ng

RT: 30.15 min Scan# 4572

Delta R.T. -0.00 min

Lab File: BG037471.D

Acq: 20 Oct 2018 4:20

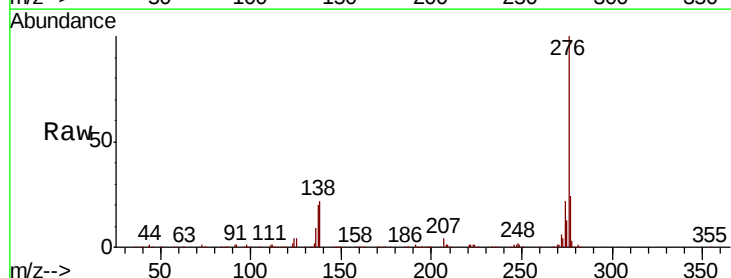
Tgt Ion:276 Resp: 1030245

Ion Ratio Lower Upper

276 100

277 24.1 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

