

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037760.D
 Acq On : 2 Nov 2018 18:39
 Operator : JU/SJ
 Sample : PB114425BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Quant Time: Nov 03 02:28:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52214	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	244179	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	163799	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	374229	20.00	ng	0.00
76) Chrysene-d12	21.77	240	333953	20.00	ng	0.00
87) Perylene-d12	25.10	264	337227	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	471821	151.07	ng	0.00
7) Phenol-d6	7.25	99	675520	143.04	ng	0.00
23) Nitrobenzene-d5	9.28	82	324999	74.56	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	257867	144.34	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	812733	74.82	ng	-0.01
79) Terphenyl-d14	20.08	244	1150607	73.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	61740	38.982	ng	98
3) Pyridine	3.93	79	135902	34.044	ng	95
4) n-Nitrosodimethylamine	3.85	42	59597	41.915	ng	92
6) Aniline	7.42	93	181658	31.531	ng	97
8) 2-Chlorophenol	7.66	128	158177	43.294	ng	98
9) Benzaldehyde	7.24	77	80402	27.217	ng	98
10) Phenol	7.27	94	213958	42.939	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	142745	37.719	ng	97
12) 1,3-Dichlorobenzene	7.99	146	160260	39.401	ng	99
13) 1,4-Dichlorobenzene	8.14	146	164165	39.457	ng	98
14) 1,2-Dichlorobenzene	8.45	146	157462	39.343	ng	97
15) Benzyl Alcohol	8.34	79	142189	40.748	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	270247	39.910	ng	99
17) 2-Methylphenol	8.54	107	145318	44.113	ng	99
18) Hexachloroethane	9.18	117	57854	40.787	ng	93
19) n-Nitroso-di-n-propylamine	8.91	70	121108	37.241	ng	95
20) 3+4-Methylphenols	8.86	107	199174	42.289	ng	99
22) Acetophenone	8.93	105	230626	37.660	ng	# 97
24) Nitrobenzene	9.32	77	181218	40.020	ng	94
25) Isophorone	9.83	82	343481	43.127	ng	96
26) 2-Nitrophenol	10.03	139	89454	43.852	ng	97
27) 2,4-Dimethylphenol	10.07	122	172488	47.358	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	211765	40.583	ng	97
29) 2,4-Dichlorophenol	10.56	162	172248	42.475	ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	174355	39.536	ng	96
31) Naphthalene	10.97	128	509385	42.472	ng	99
32) Benzoic acid	10.19	122	88534	37.425	ng	98
33) 4-Chloroaniline	11.09	127	142127	25.221	ng	95
34) Hexachlorobutadiene	11.23	225	104123	39.837	ng	97
35) Caprolactam	11.87	113	40341	24.803	ng	96
36) 4-Chloro-3-methylphenol	12.18	107	187460	40.989	ng	100
37) 2-Methylnaphthalene	12.57	142	392502	44.895	ng	99
38) 1-Methylnaphthalene	12.79	142	375763	44.257	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	208887	39.536	ng	99

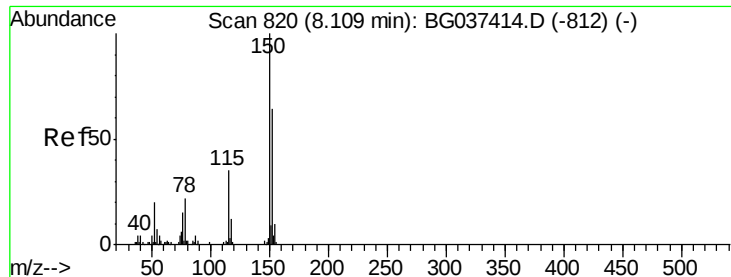
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	263720	104.495	ng	96
43) 2,4,6-Trichlorophenol	13.16	196	149752	42.426	ng	97
44) 2,4,5-Trichlorophenol	13.24	196	161145	41.931	ng	99
46) 1,1'-Biphenyl	13.57	154	507098	37.382	ng	100
47) 2-Chloronaphthalene	13.62	162	403555	39.322	ng	100
48) 2-Nitroaniline	13.82	65	126789	40.739	ng	90
49) Acenaphthylene	14.46	152	662253	42.897	ng	99
50) Dimethylphthalate	14.18	163	509735	40.226	ng	99
51) 2,6-Dinitrotoluene	14.31	165	116510	41.562	ng	94
52) Acenaphthene	14.80	154	382369	40.216	ng	98
53) 3-Nitroaniline	14.65	138	98388	31.616	ng	# 98
54) 2,4-Dinitrophenol	14.85	184	86026	73.244	ng	96
55) Dibenzofuran	15.13	168	624927	39.671	ng	100
56) 4-Nitrophenol	14.94	139	244137	105.985	ng	100
57) 2,4-Dinitrotoluene	15.10	165	160473	43.610	ng	92
58) Fluorene	15.78	166	501642	42.525	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	139063	42.262	ng	99
60) Diethylphthalate	15.54	149	518008	39.818	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	265674	38.639	ng	98
62) 4-Nitroaniline	15.81	138	122081	39.479	ng	94
63) Azobenzene	16.06	77	488901	39.387	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	79638	41.873	ng	97
66) n-Nitrosodiphenylamine	15.99	169	451202	40.082	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	165980	40.388	ng	97
68) Hexachlorobenzene	16.77	284	167537	39.335	ng	98
69) Atrazine	16.93	200	169639	41.681	ng	99
70) Pentachlorophenol	17.12	266	192109	67.336	ng	96
71) Phenanthrene	17.52	178	800783	42.103	ng	100
72) Anthracene	17.61	178	818868	43.872	ng	99
73) Carbazole	17.89	167	724020	38.779	ng	99
74) Di-n-butylphthalate	18.42	149	866071	41.700	ng	99
75) Fluoranthene	19.53	202	924734	42.868	ng	100
77) Benzidine	19.71	184	404175	35.594	ng	99
78) Pyrene	19.89	202	914182	41.875	ng	100
80) Butylbenzylphthalate	20.76	149	388270	43.457	ng	97
81) Benzo(a)anthracene	21.74	228	855842	43.327	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	235796	30.797	ng	99
83) Chrysene	21.81	228	806160	42.443	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	545849	43.585	ng	99
85) Di-n-octyl phthalate	22.86	149	918874	44.994	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	756574	37.138	ng	99
88) Benzo(b)fluoranthene	24.03	252	807001	43.650	ng	99
89) Benzo(k)fluoranthene	24.11	252	815683	45.032	ng	99
90) Benzo(a)pyrene	24.95	252	807913	45.988	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	636340	39.268	ng	99
92) Benzo(g,h,i)perylene	30.12	276	617750	37.680	ng	100

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

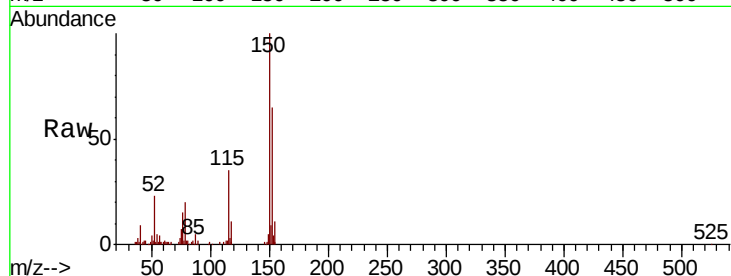


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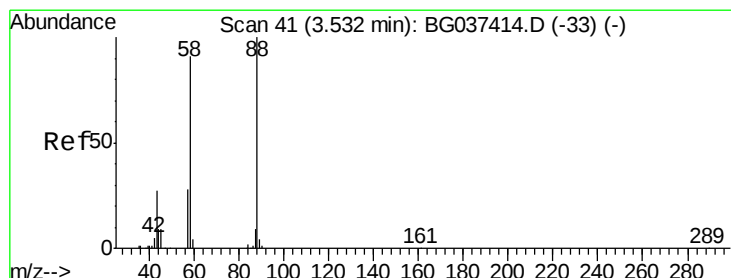
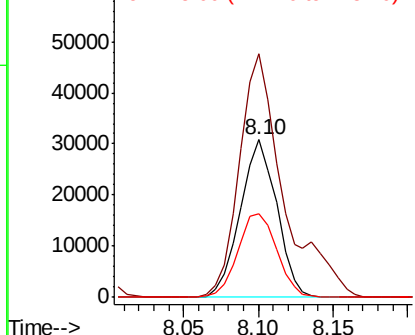
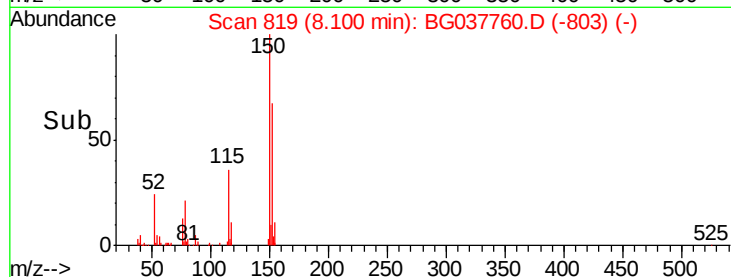
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:152 Resp: 52214
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 53.4 45.5 68.3



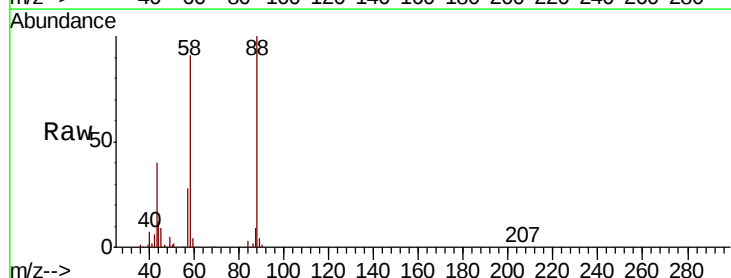
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



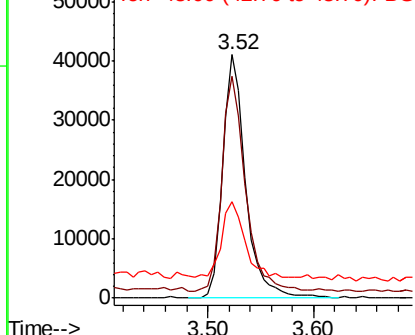
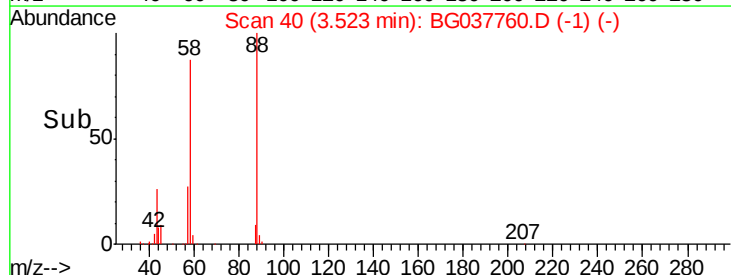
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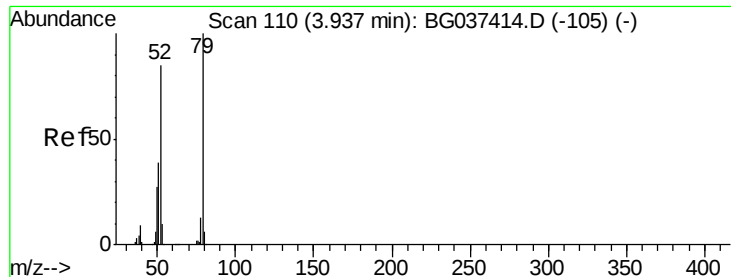
1,4-Dioxane
Concen: 38.982 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion: 88 Resp: 61740
Ion Ratio Lower Upper
88 100
58 90.9 74.4 111.6
43 31.4 25.8 38.8



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





#3

Pvridine

Concen: 34.044 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

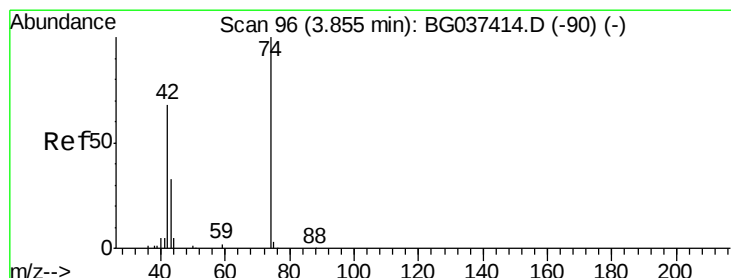
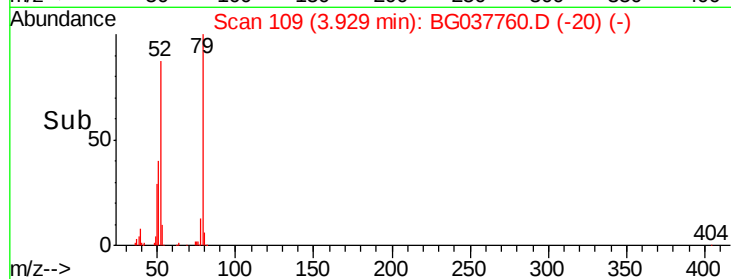
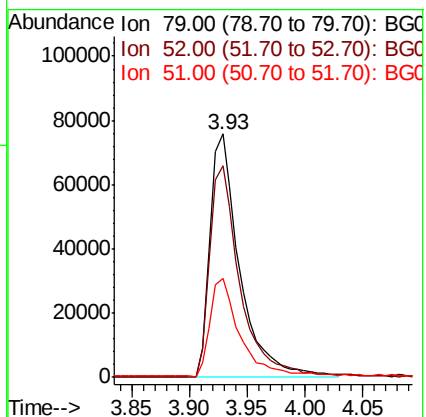
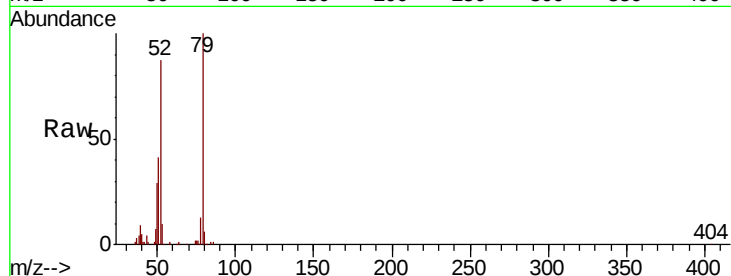
Tot Ion: 79 Resp: 135902

Ion Ratio Lower Upper

79 100

52 87.2 74.2 111.2

51 40.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.915 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

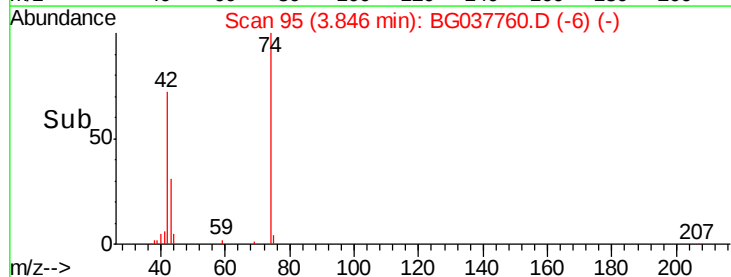
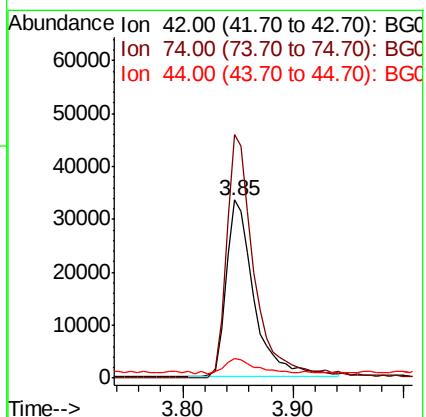
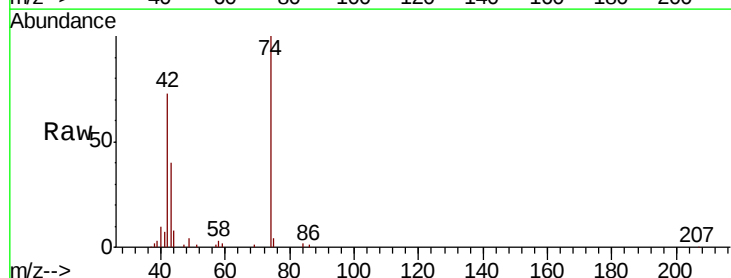
Tgt Ion: 42 Resp: 59597

Ion Ratio Lower Upper

42 100

74 136.9 102.0 153.0

44 11.2 9.6 14.4





#5

2-Fluorophenol

Concen: 151.074 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

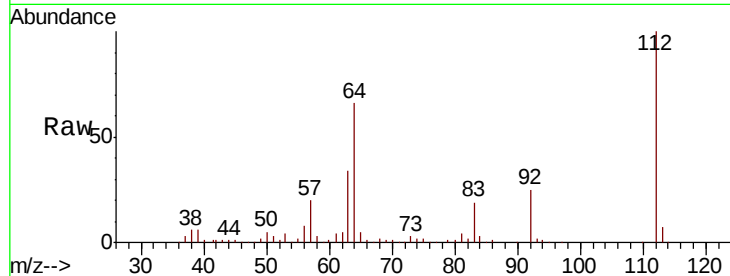
Tot Ion:112 Resp: 471821

Ion Ratio Lower Upper

112 100

64 65.7 53.1 79.7

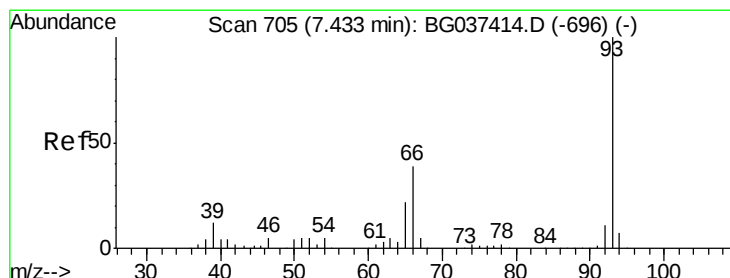
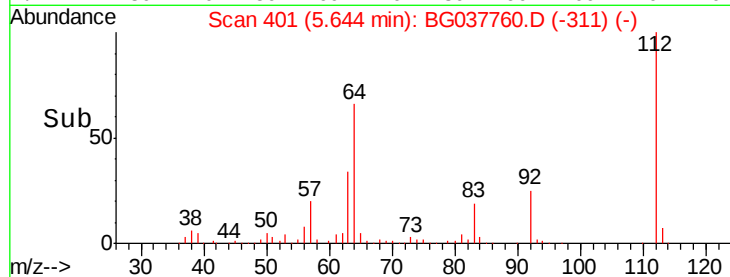
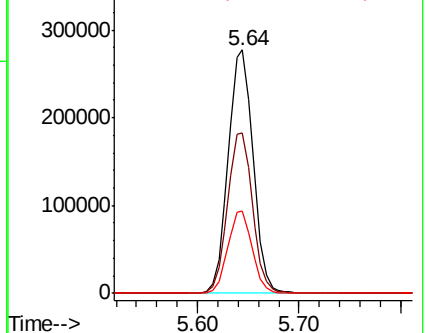
63 33.6 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.531 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

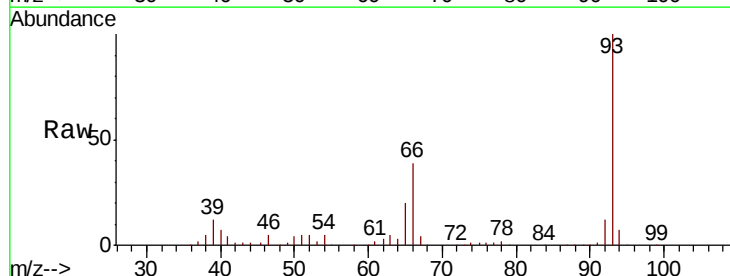
Tgt Ion: 93 Resp: 181658

Ion Ratio Lower Upper

93 100

66 38.8 32.8 49.2

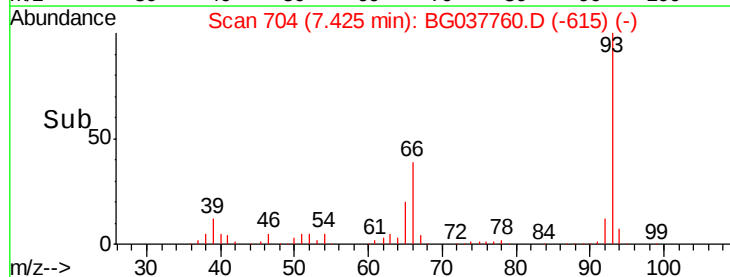
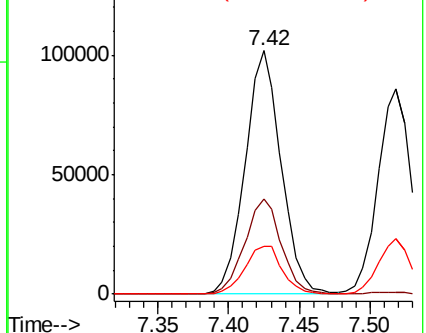
65 19.8 16.4 24.6



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: 143.041 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

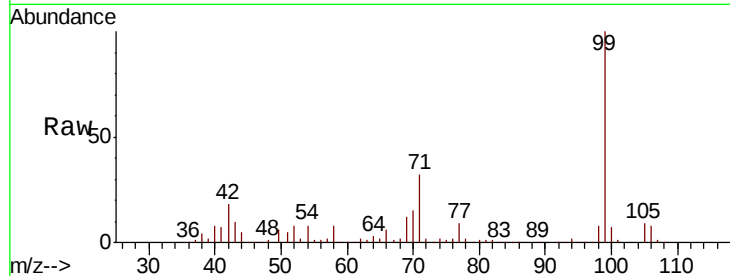
Tot Ion: 99 Resp: 675520

Ion Ratio Lower Upper

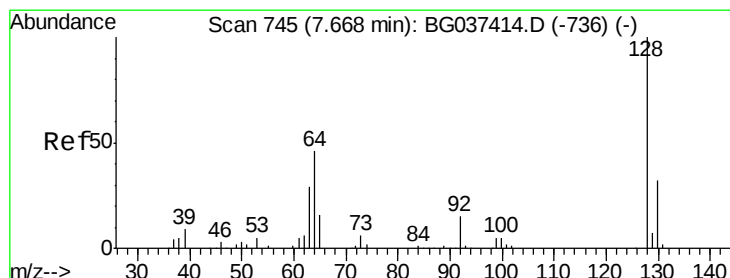
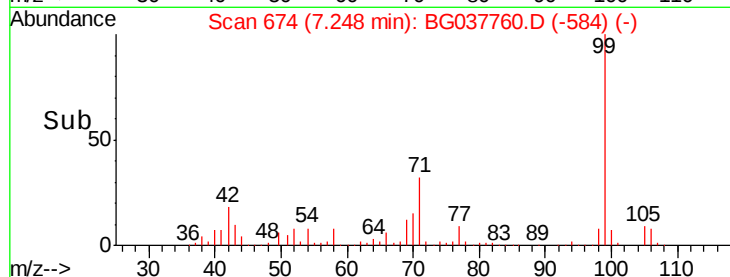
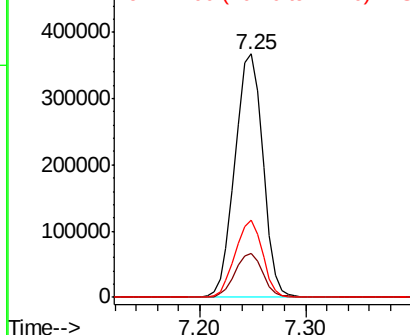
99 100

42 18.3 15.0 22.4

71 31.9 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: 43.294 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

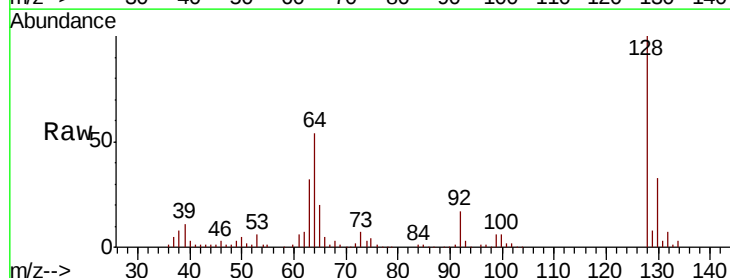
Tgt Ion: 128 Resp: 158177

Ion Ratio Lower Upper

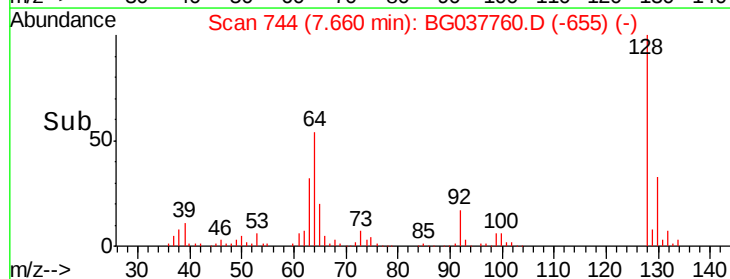
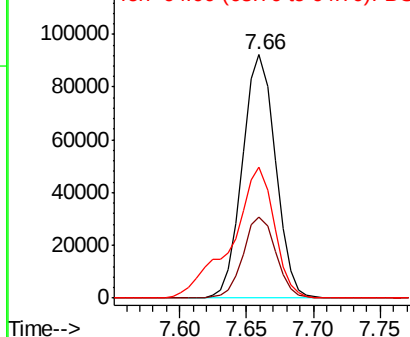
128 100

130 33.2 12.0 52.0

64 53.8 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: 27.217 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

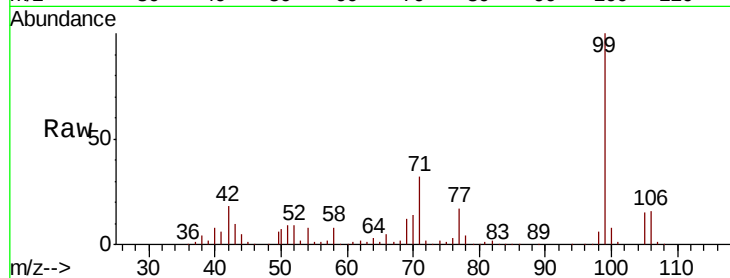
Tot Ion: 77 Resp: 80402

Ion Ratio Lower Upper

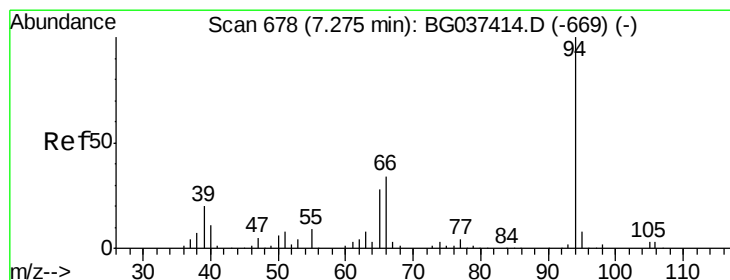
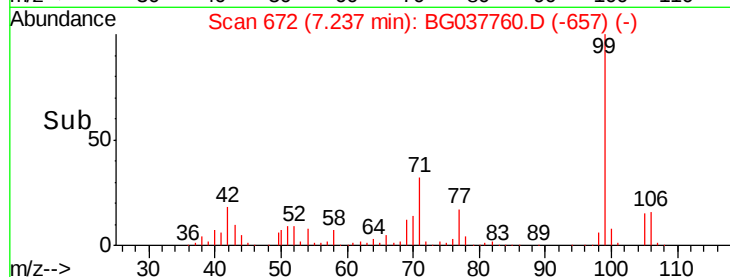
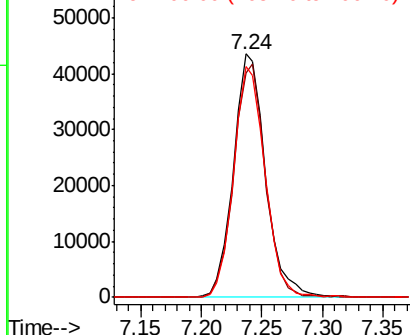
77 100

105 92.1 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: 42.939 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

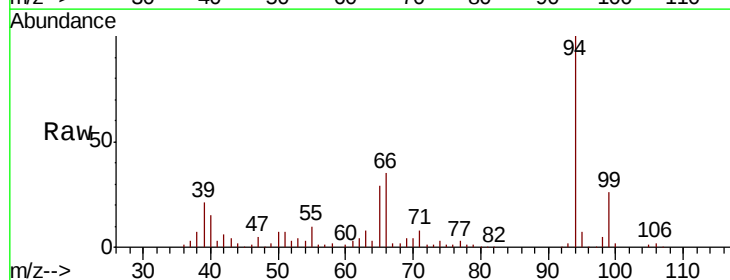
Tgt Ion: 94 Resp: 213958

Ion Ratio Lower Upper

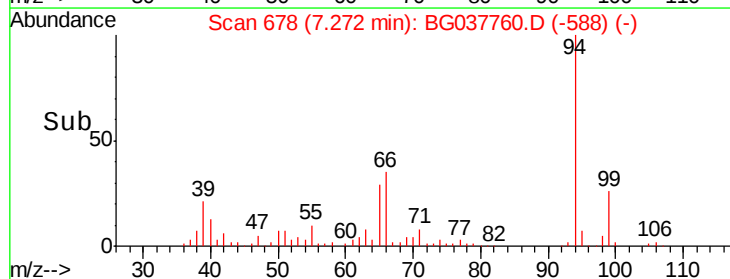
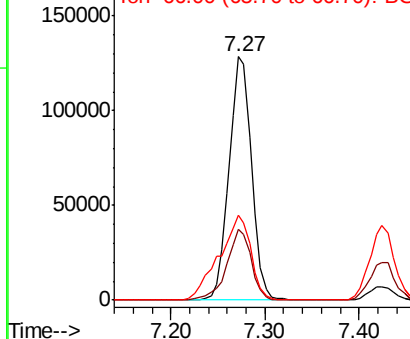
94 100

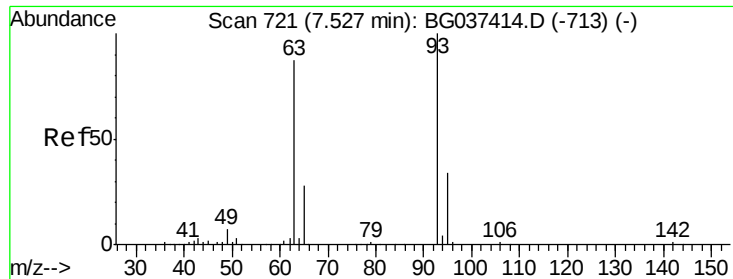
65 28.9 9.7 49.7

66 35.0 15.9 55.9



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

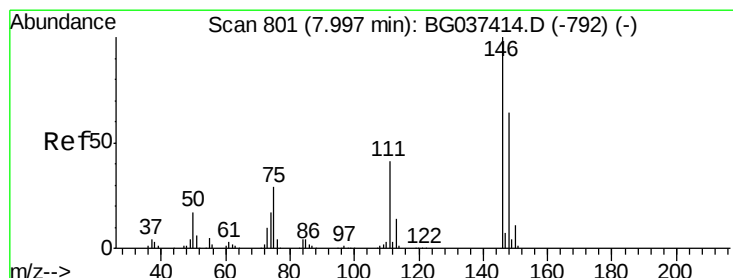
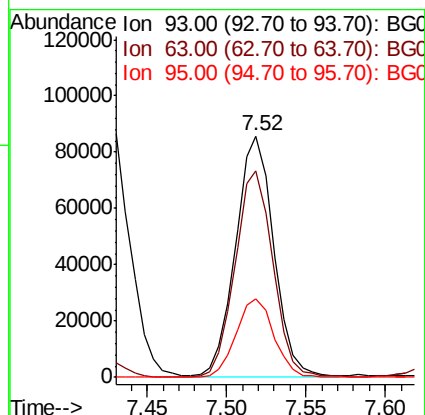
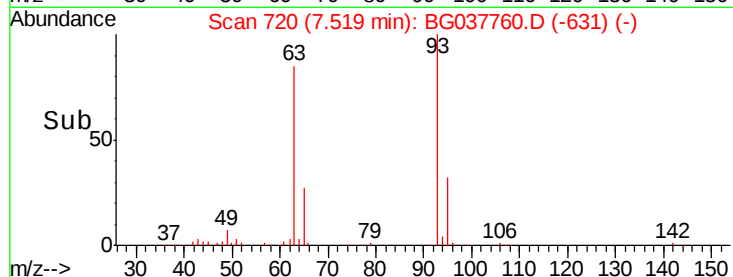
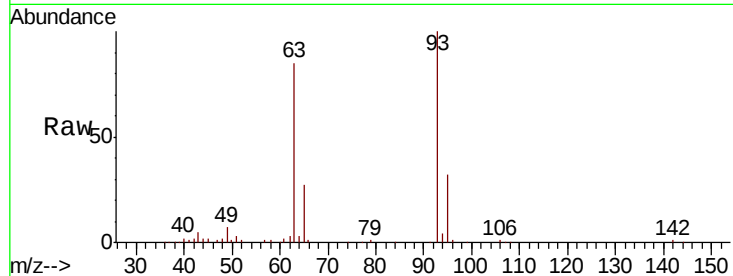




#11
 bis(2-Chloroethyl)ether
 Concen: 37.719 ng
 RT: 7.52 min Scan# 720
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

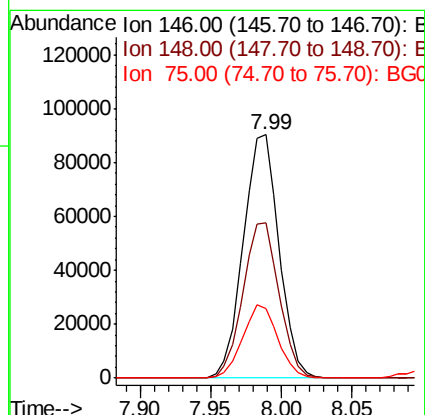
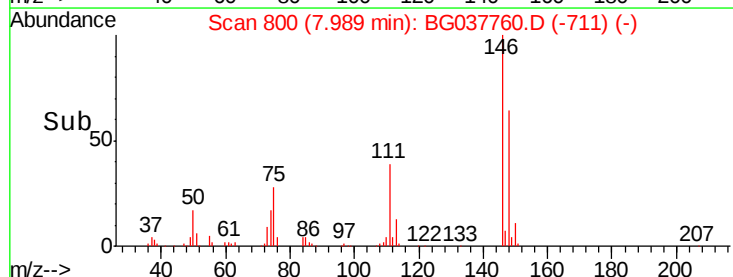
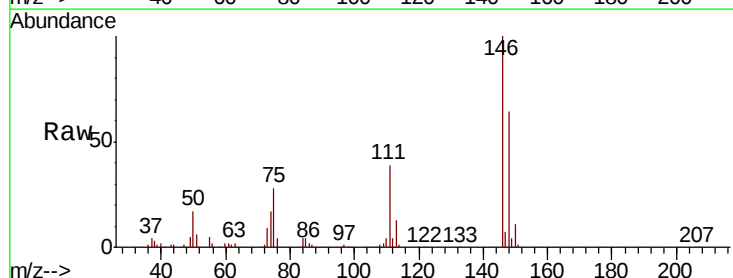
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion: 93 Resp: 142745
 Ion Ratio Lower Upper
 93 100
 63 85.4 69.5 109.5
 95 32.4 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 39.401 ng
 RT: 7.99 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion: 146 Resp: 160260
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.8 74.8
 75 28.5 23.2 34.8

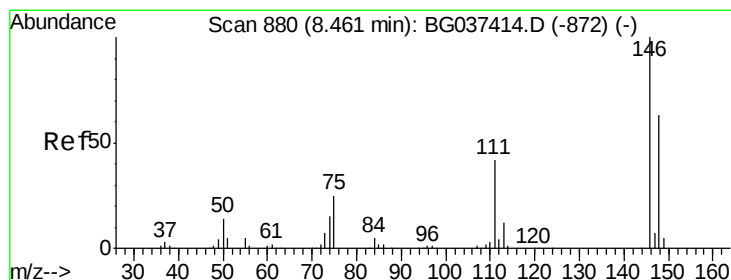
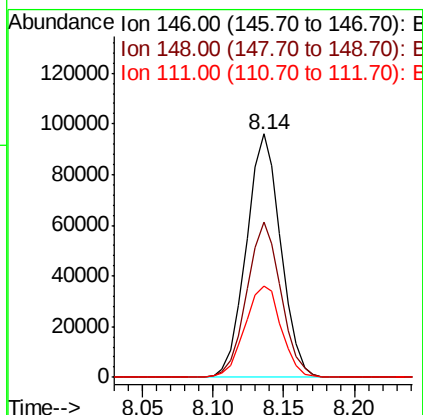
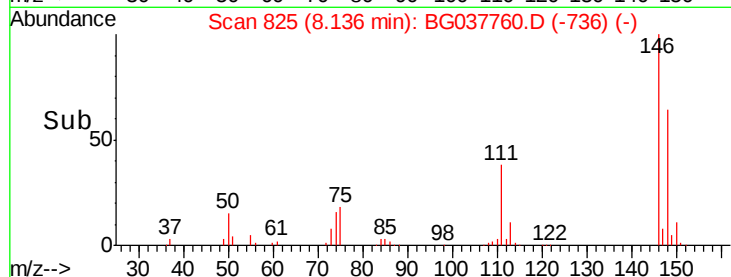
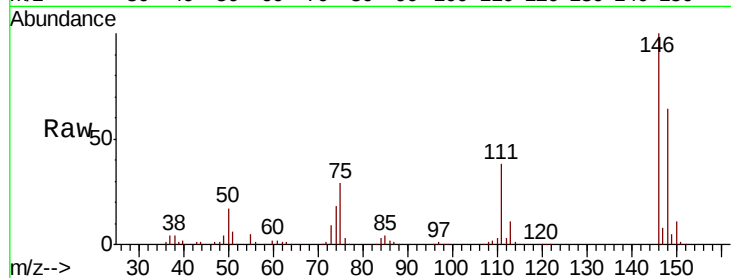




#13
 1,4-Dichlorobenzene
 Concen: 39.457 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

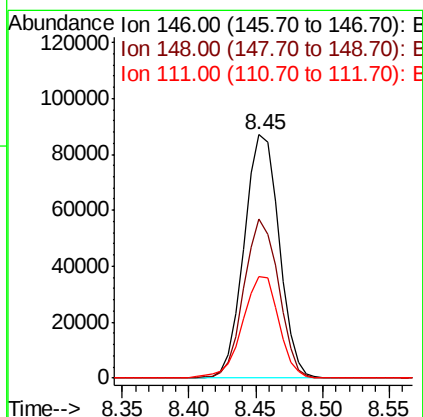
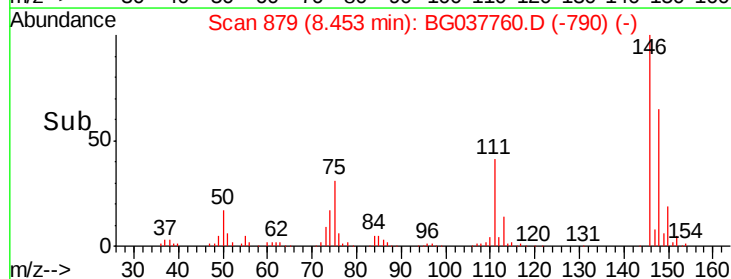
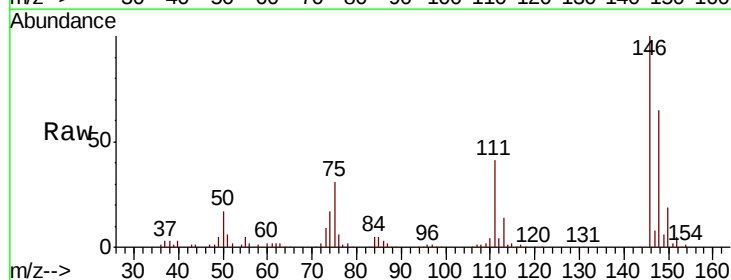
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion:146 Resp: 164165
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 37.6 32.4 48.6



#14
 1,2-Dichlorobenzene
 Concen: 39.343 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion:146 Resp: 157462
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.4 75.6
 111 41.4 34.6 51.8





#15

Benzyl Alcohol

Concen: 40.748 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

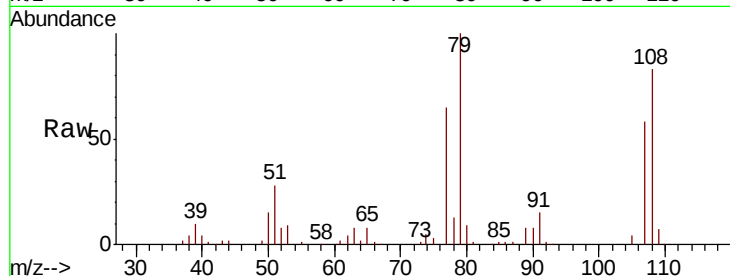
Tot Ion: 79 Resp: 142189

Ion Ratio Lower Upper

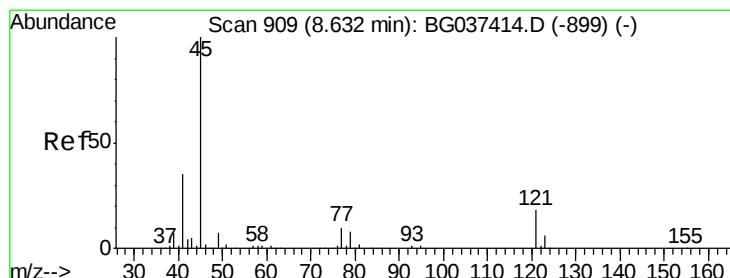
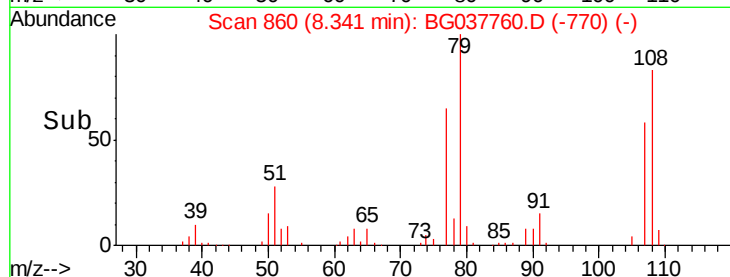
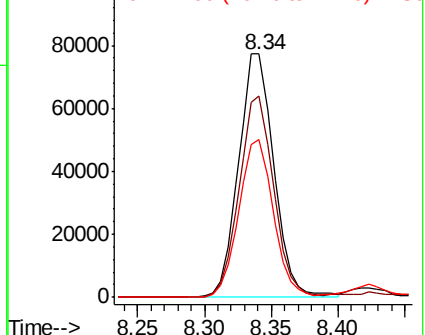
79 100

108 82.9 65.8 98.8

77 64.7 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.910 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

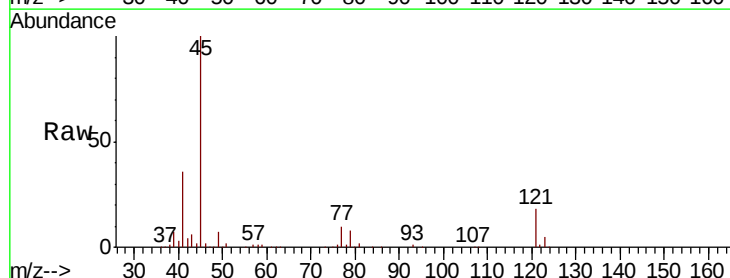
Tgt Ion: 45 Resp: 270247

Ion Ratio Lower Upper

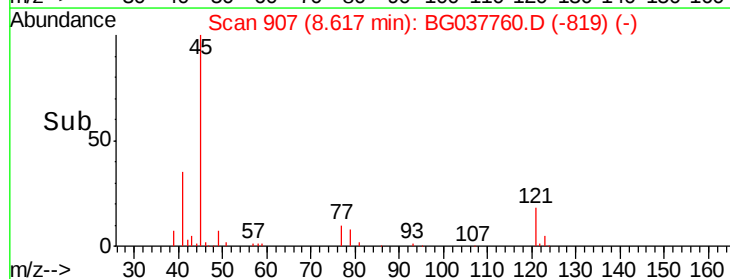
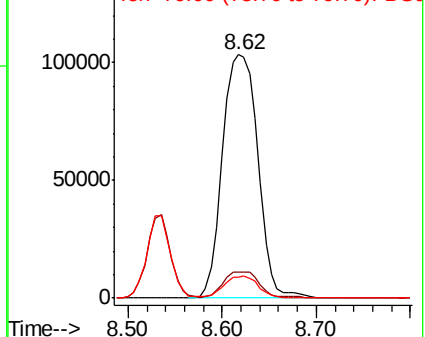
45 100

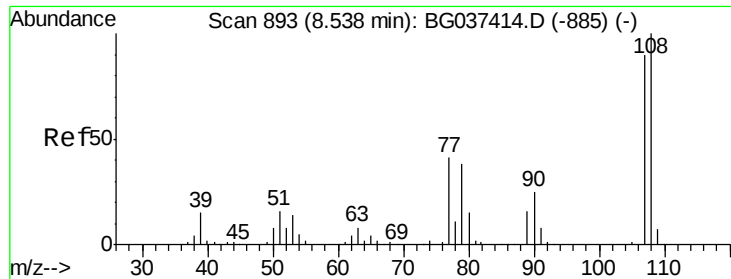
77 10.5 0.0 30.0

79 8.4 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

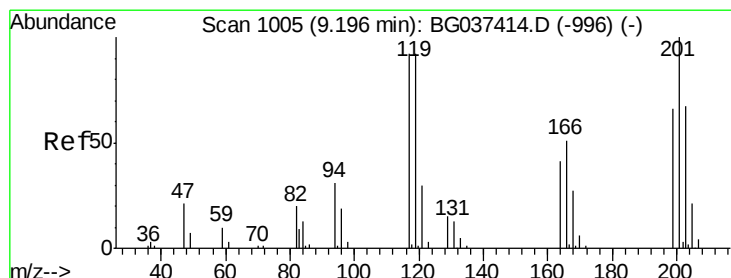
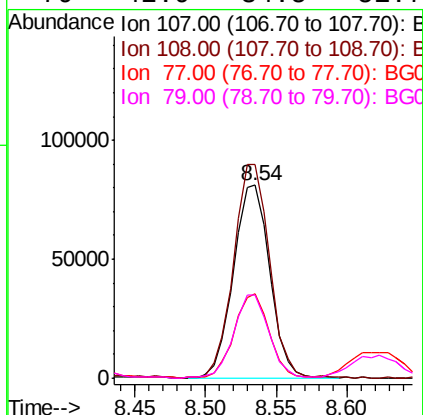
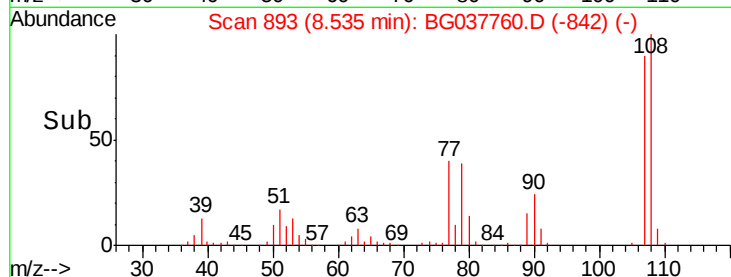
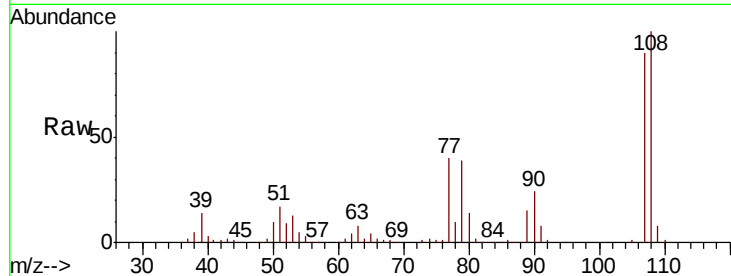




#17
2-Methylphenol
Concen: 44.113 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

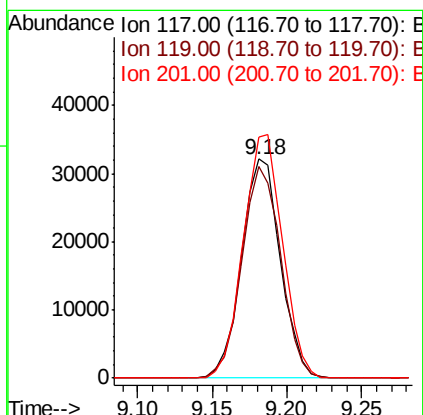
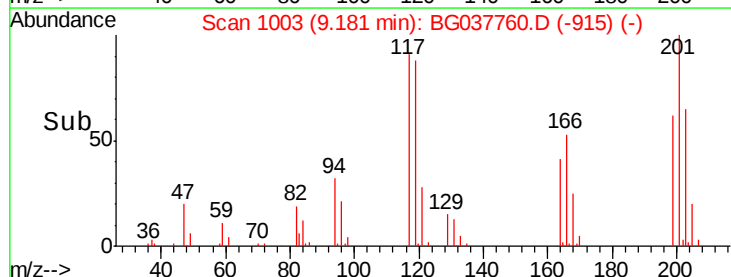
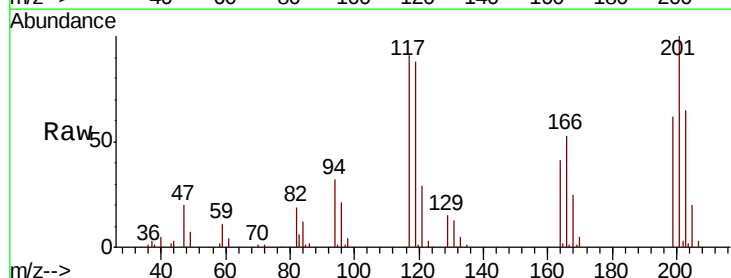
Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	87.9	131.9
77	44.1	35.1	52.7
79	42.9	34.5	51.7



#18
Hexachloroethane
Concen: 40.787 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.6	111.8
201	110.1	80.8	121.2

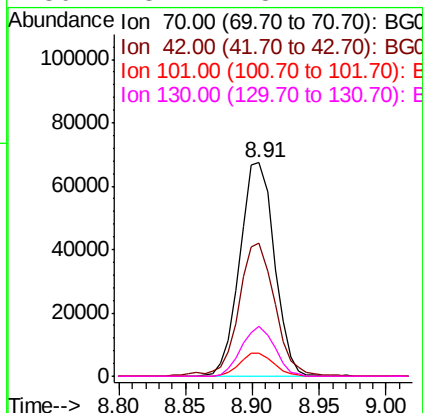
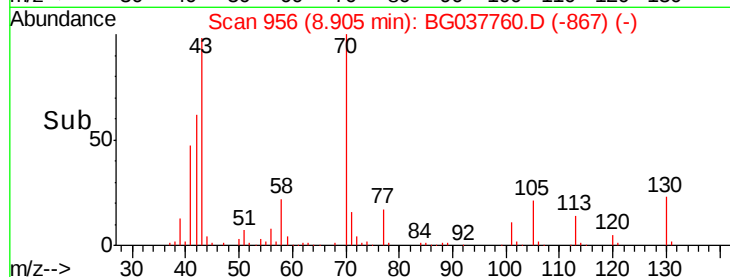
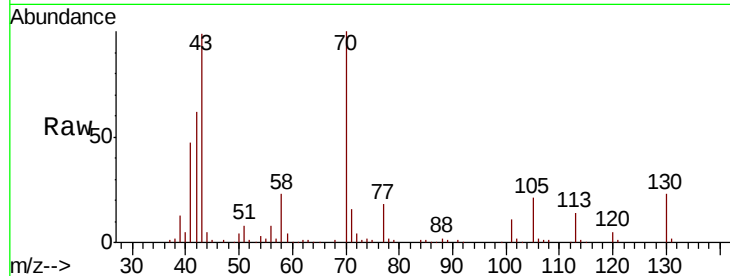




#19
n-Nitroso-di-n-propylamine
Concen: 37.241 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

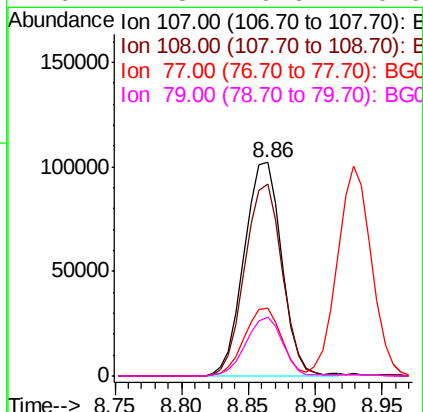
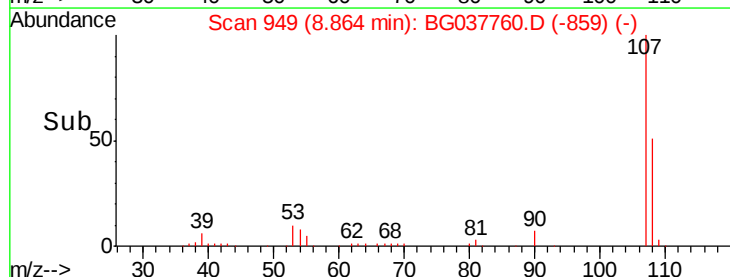
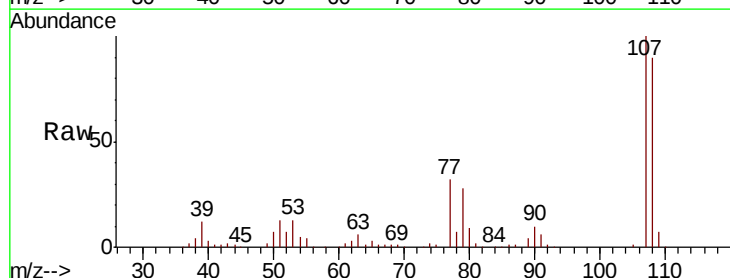
Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:	70	Resp:	121108
Ion	Ratio	Lower	Upper
70	100		
42	62.2	53.9	80.9
101	11.1	8.2	12.2
130	23.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.289 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:	107	Resp:	199174
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	32.0	11.2	51.2
79	27.8	6.6	46.6

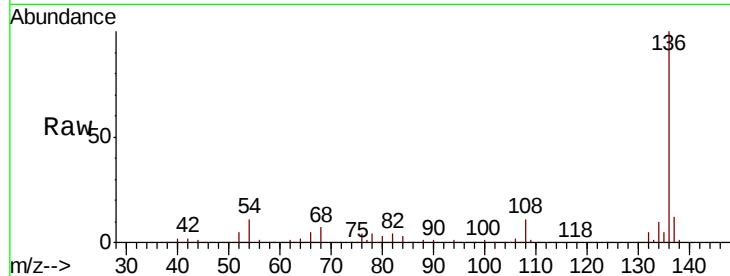




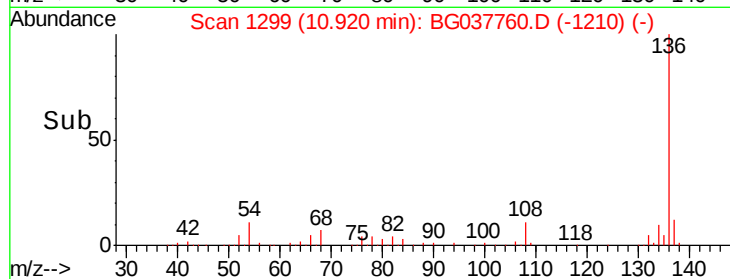
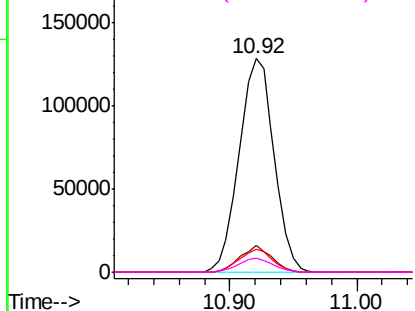
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:136	Resp:	244179
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.6 14.4
54	10.6	7.9 11.9
68	6.6	4.8 7.2

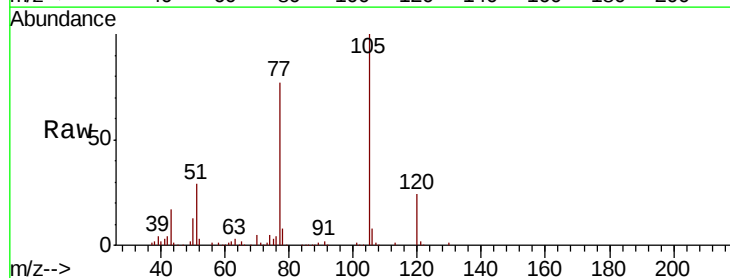


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

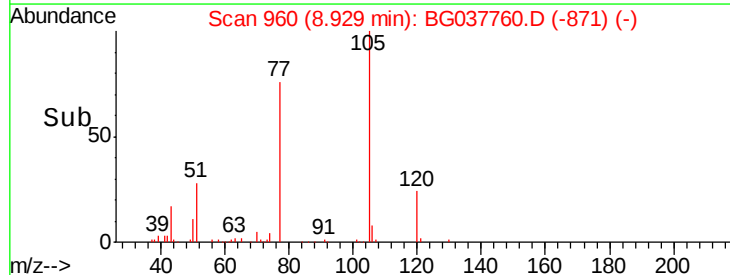
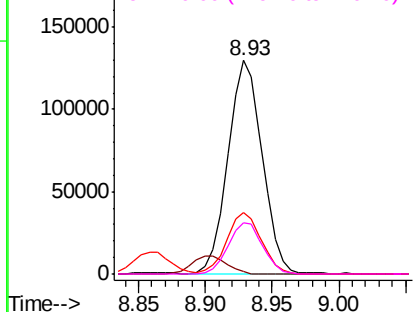


#22
Acetophenone
Concen: 37.660 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:105	Resp:	230626
Ion	Ratio	Lower Upper
105	100	
71	0.9	1.2 1.8#
51	29.0	25.0 37.6
120	23.7	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
200000
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

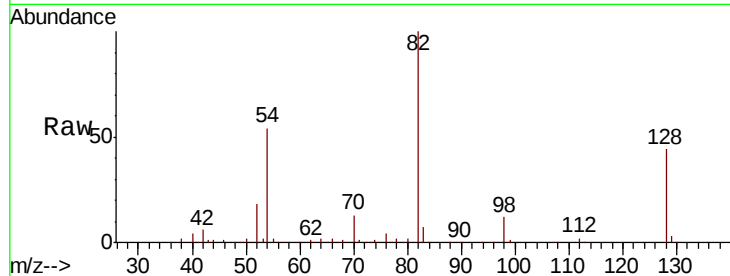




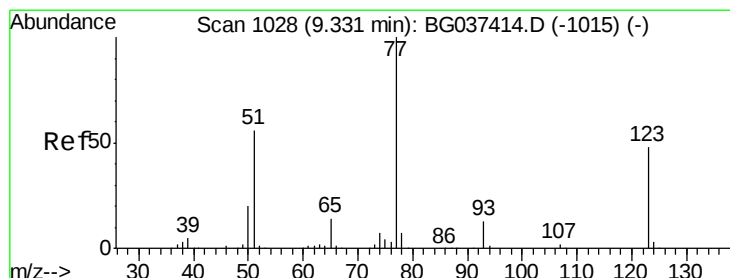
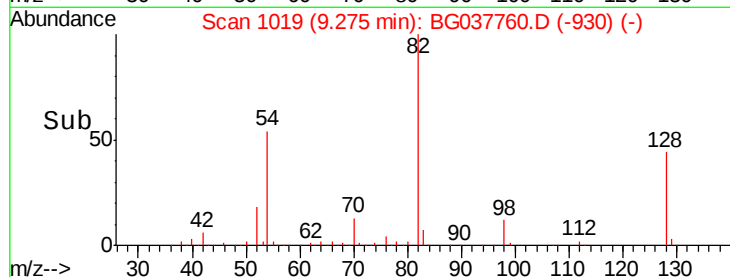
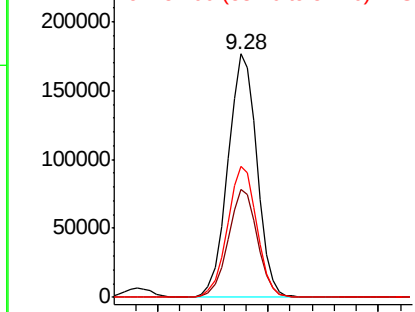
#23
Nitrobenzene-d5
Concen: 74.560 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion: 82 Resp: 324999
Ion Ratio Lower Upper
82 100
128 44.4 34.6 51.8
54 54.0 45.3 67.9

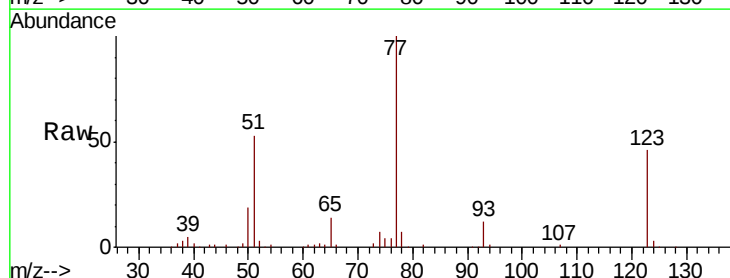


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

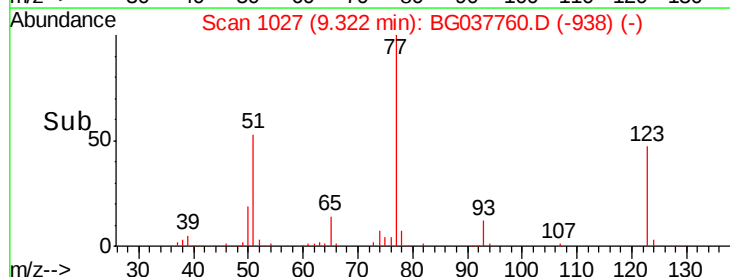
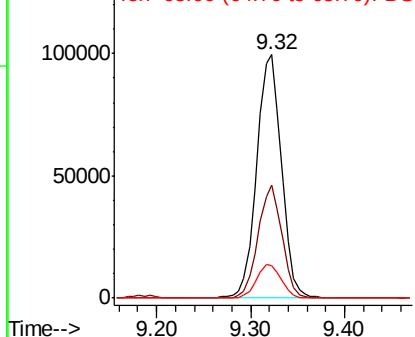


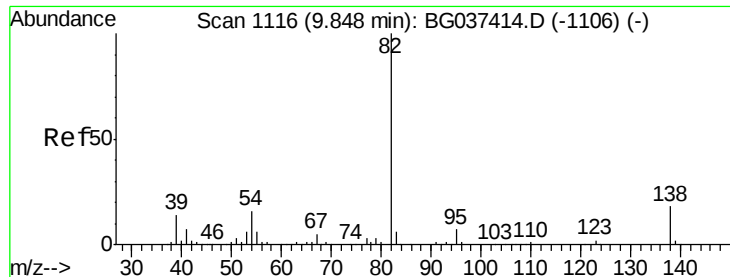
#24
Nitrobenzene
Concen: 40.020 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion: 77 Resp: 181218
Ion Ratio Lower Upper
77 100
123 46.5 33.6 50.4
65 13.5 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 43.127 ng

RT: 9.83 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

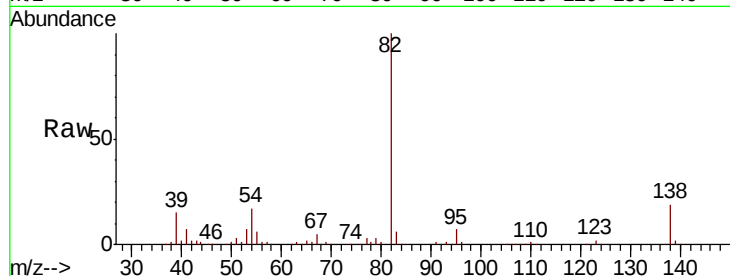
Tot Ion: 82 Resp: 343481

Ion Ratio Lower Upper

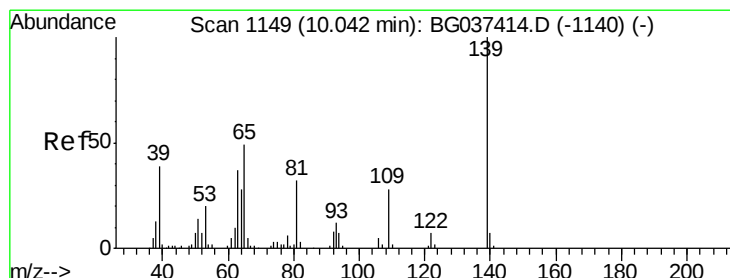
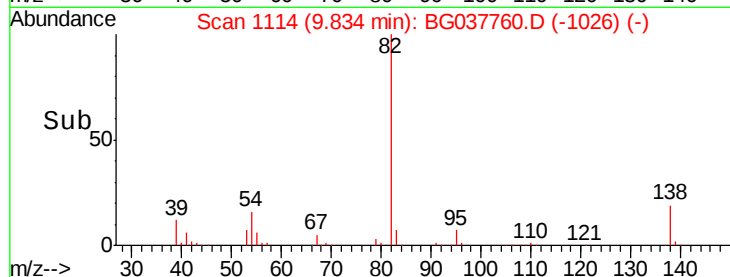
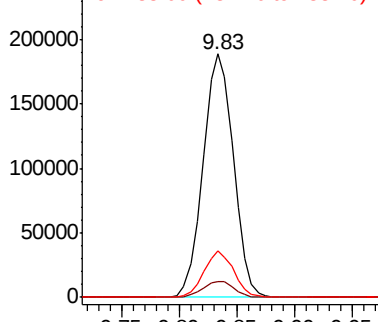
82 100

95 6.7 5.3 7.9

138 18.9 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: 43.852 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

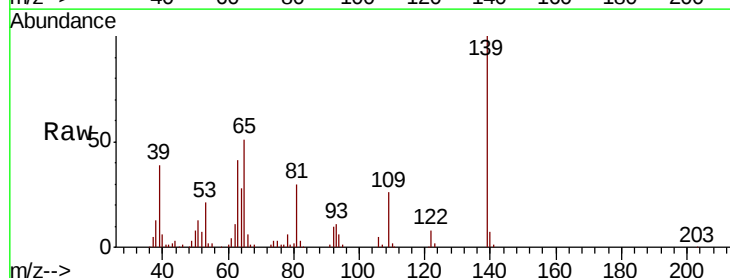
Tgt Ion: 139 Resp: 89454

Ion Ratio Lower Upper

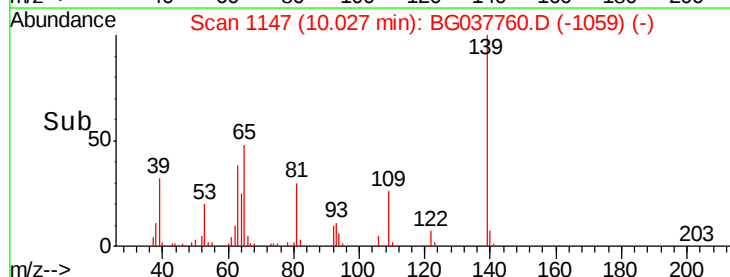
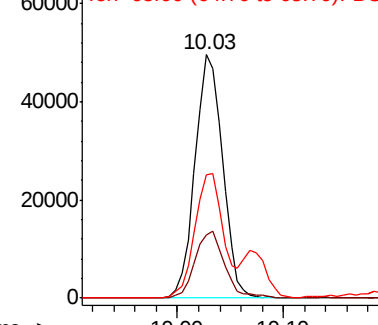
139 100

109 26.0 23.3 34.9

65 50.8 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

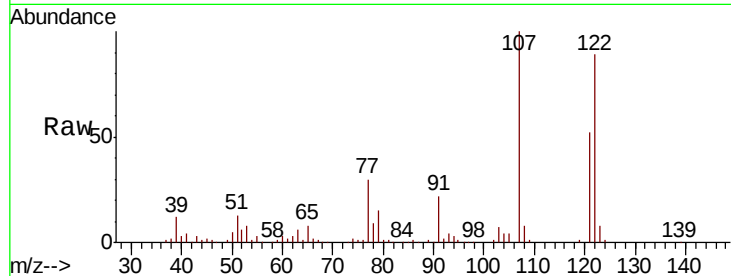




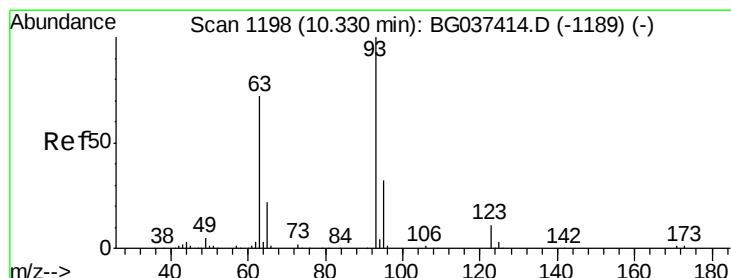
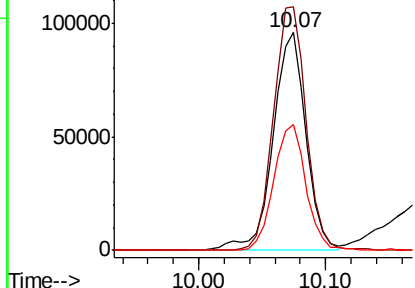
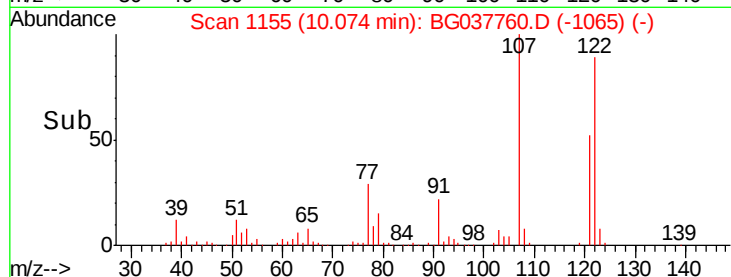
#27
2,4-Dimethylphenol
Concen: 47.358 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:122 Resp: 172488
Ion Ratio Lower Upper
122 100
107 111.9 94.2 141.2
121 58.1 47.3 70.9

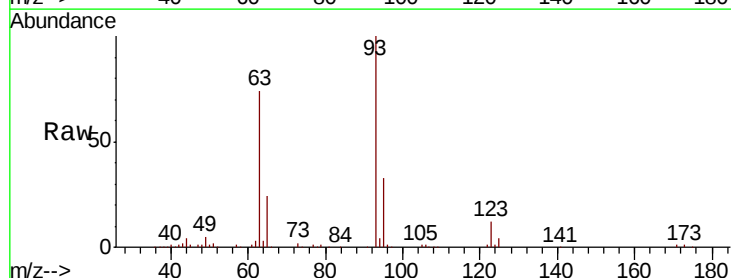


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

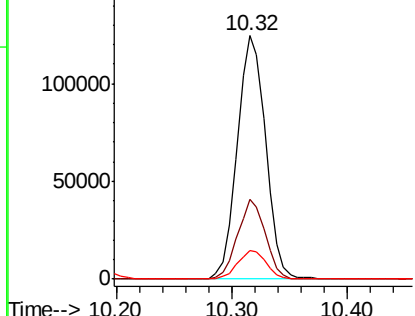
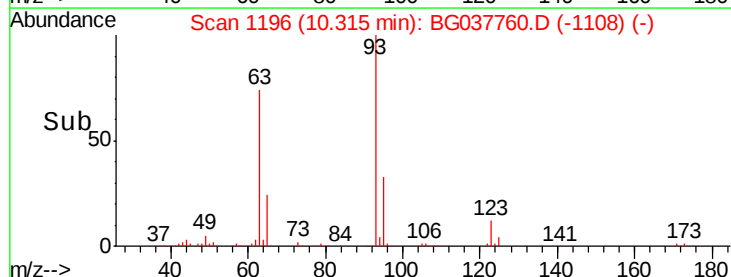


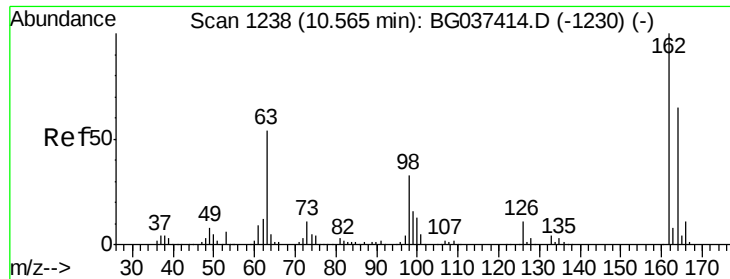
#28
bis(2-Chloroethoxy)methane
Concen: 40.583 ng
RT: 10.32 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion: 93 Resp: 211765
Ion Ratio Lower Upper
93 100
95 32.7 24.6 37.0
123 11.6 9.1 13.7



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

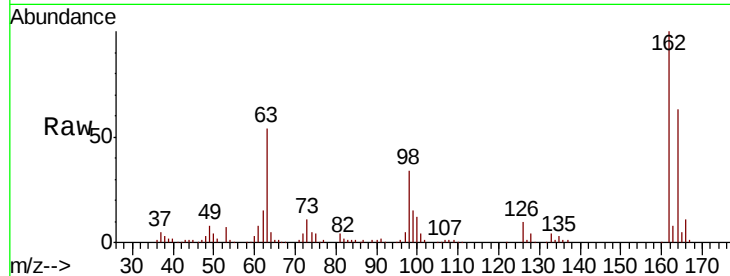




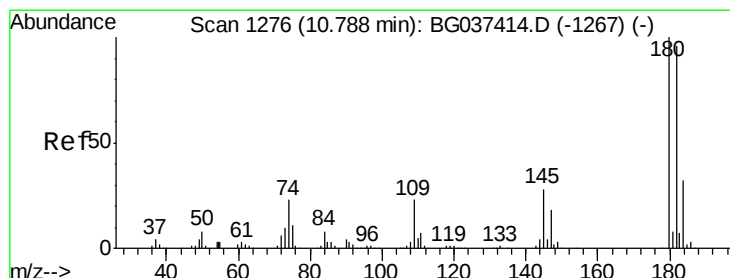
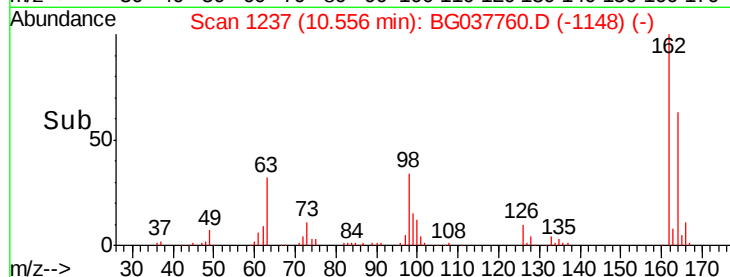
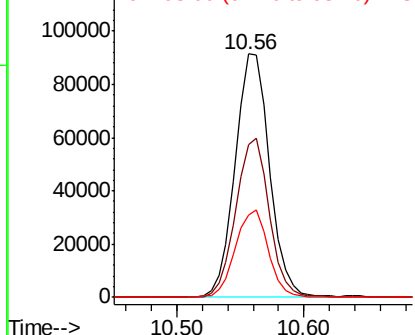
#29
 2,4-Dichlorophenol
 Concen: 42.475 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion:162 Resp: 172248
 Ion Ratio Lower Upper
 162 100
 164 62.9 43.2 83.2
 98 34.0 16.0 56.0

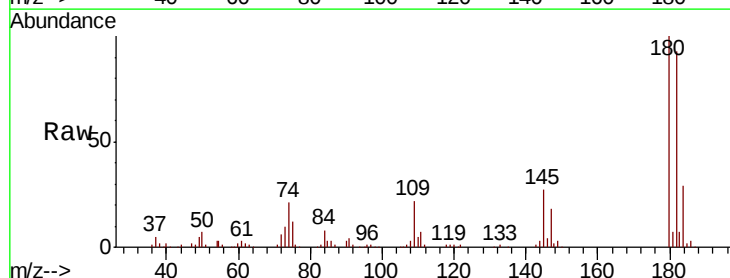


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

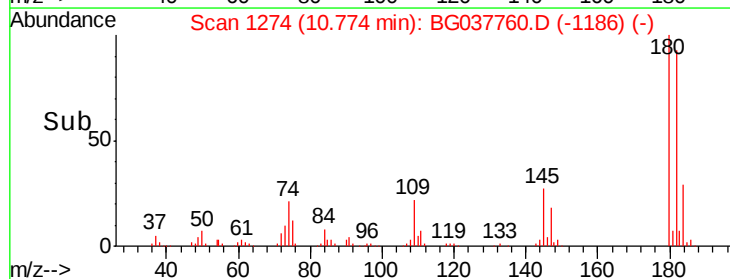
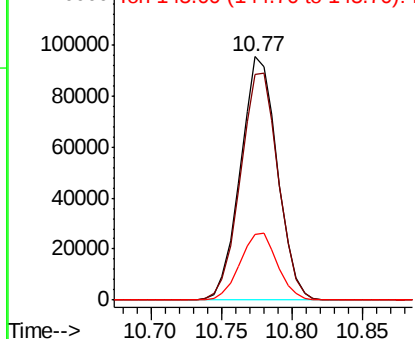


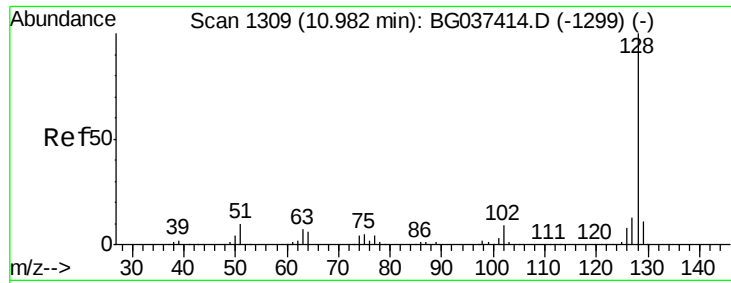
#30
 1,2,4-Trichlorobenzene
 Concen: 39.536 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion:180 Resp: 174355
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.7 116.5
 145 26.8 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

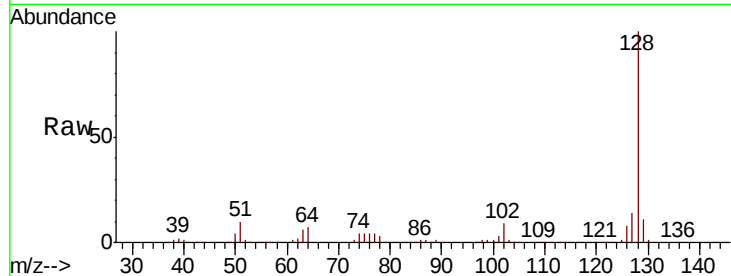




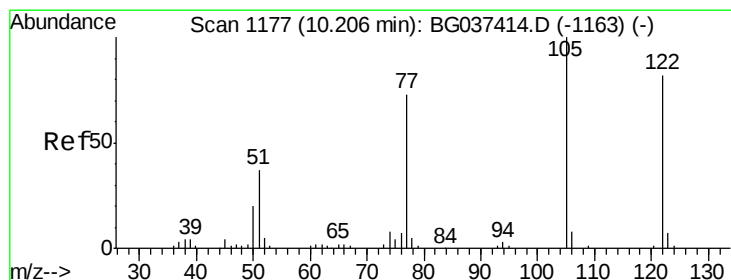
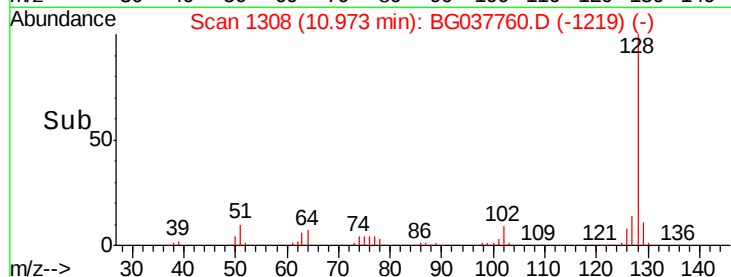
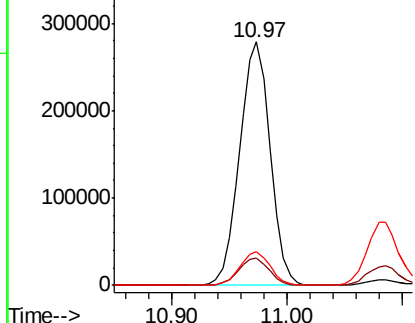
#31
Naphthalene
Concen: 42.472 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:128 Resp: 509385
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 11.1 16.7

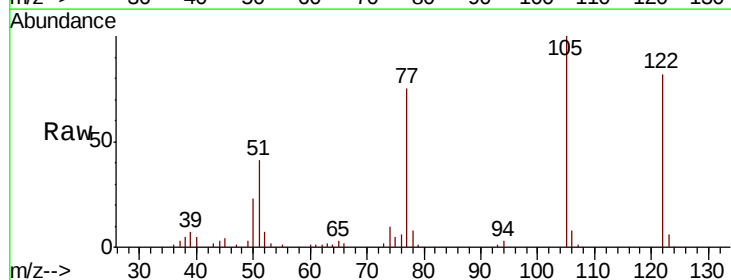


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

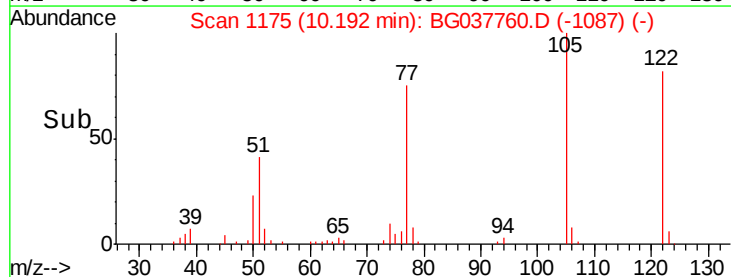
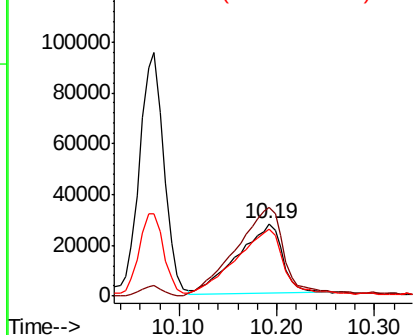


#32
Benzoic acid
Concen: 37.425 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:122 Resp: 88534
Ion Ratio Lower Upper
122 100
105 122.6 106.7 146.7
77 92.2 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

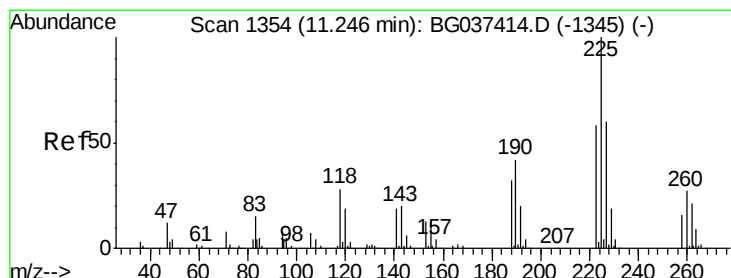
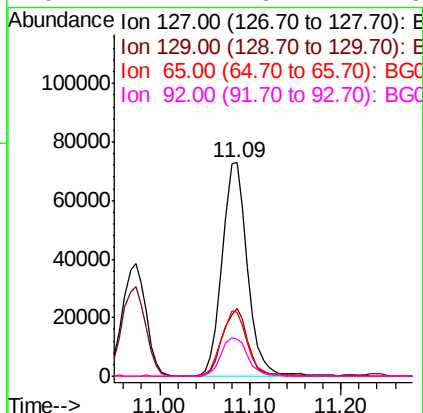
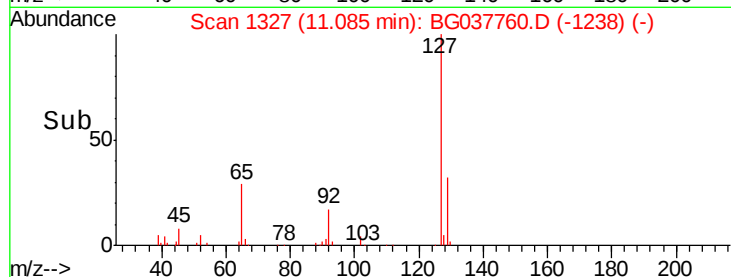
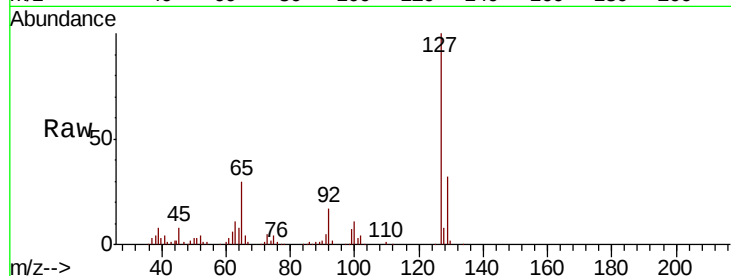




#33
4-Chloroaniline
Concen: 25.221 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

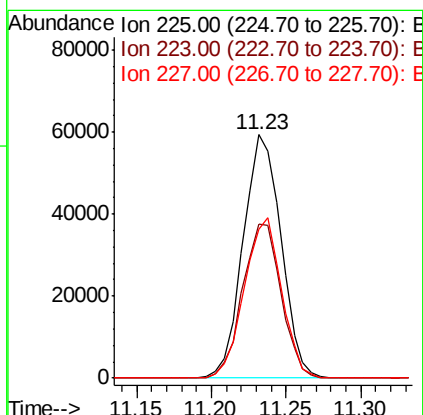
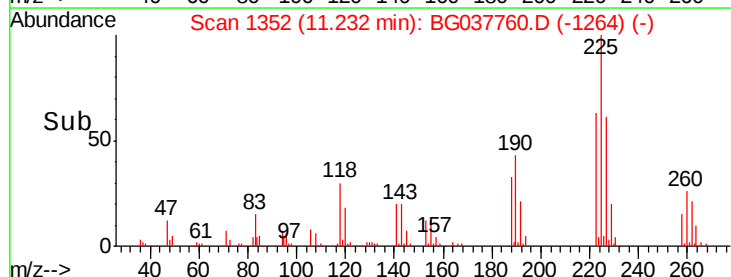
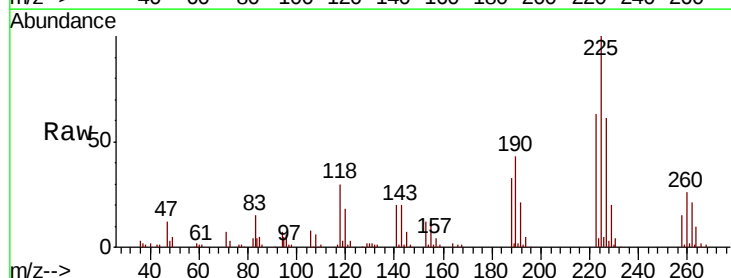
Instrument :
BNA_G
ClientSampleId :
PB114425BS

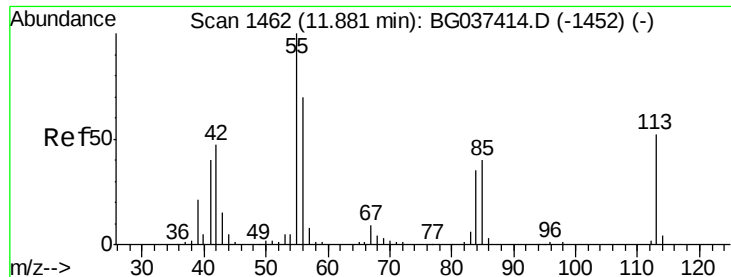
Tot Ion:	127	Resp:	142127
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.1	40.7
65	29.7	26.6	39.8
92	17.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 39.837 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:	225	Resp:	104123
Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.2	72.4
227	60.5	51.6	77.4





#35

Caprolactam

Concen: 24.803 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

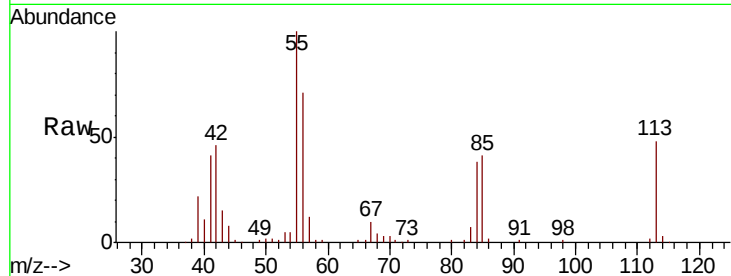
Tot Ion:113 Resp: 40341

Ion Ratio Lower Upper

113 100

55 206.8 176.6 216.6

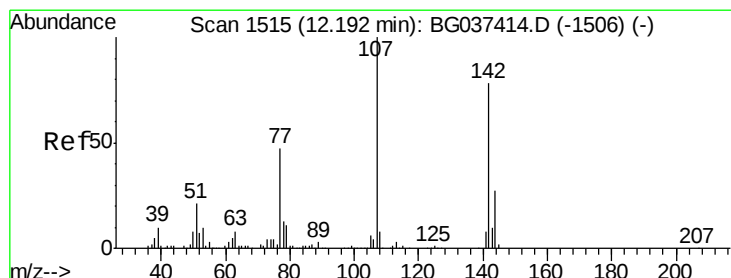
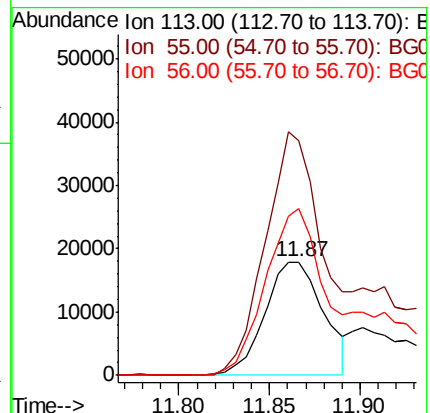
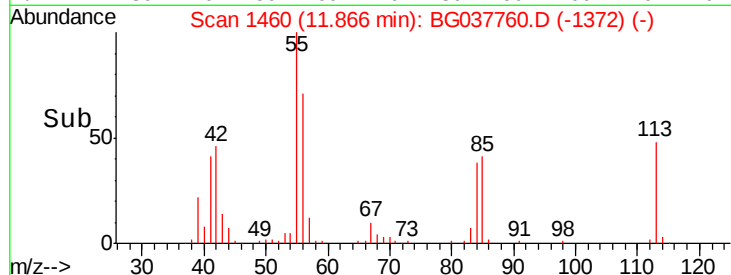
56 147.8 128.3 168.3



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: 40.989 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

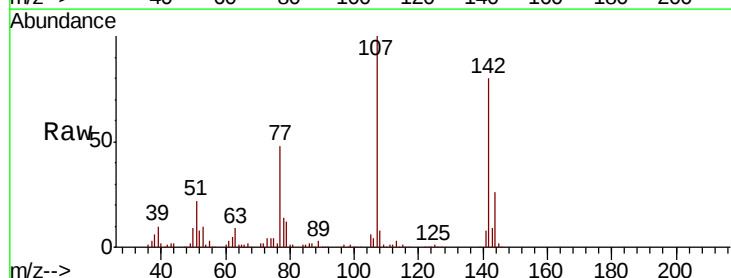
Tgt Ion:107 Resp: 187460

Ion Ratio Lower Upper

107 100

144 25.8 20.7 31.1

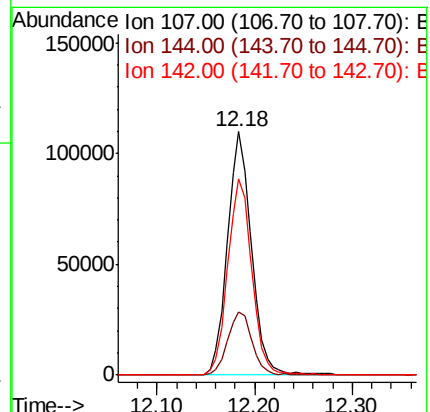
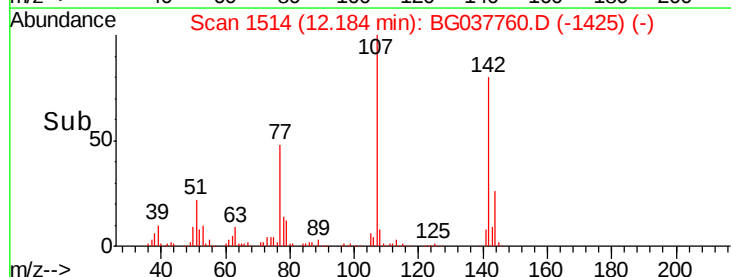
142 80.5 64.4 96.6

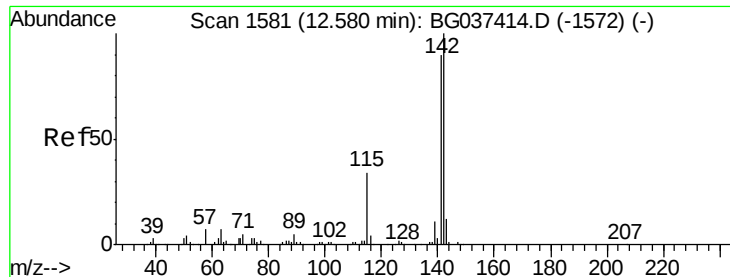


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

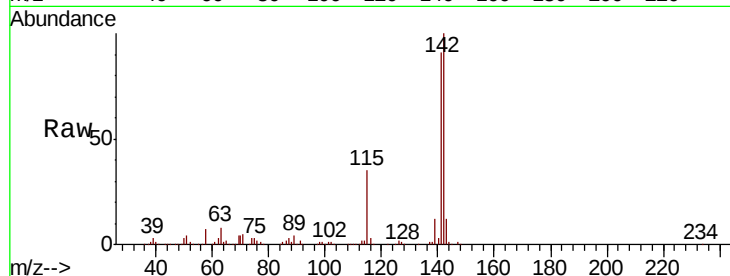




#37
2-Methylnaphthalene
Concen: 44.895 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	35.0	27.8	41.8

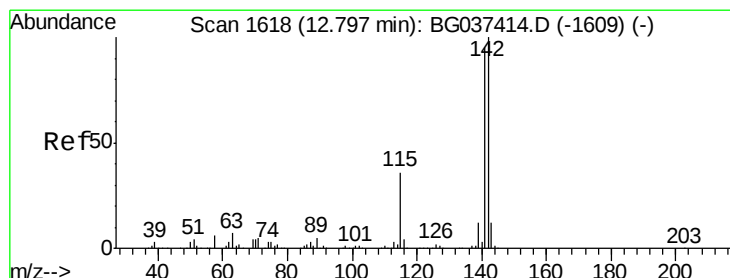
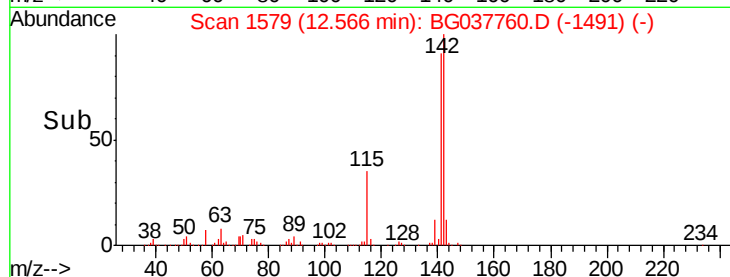
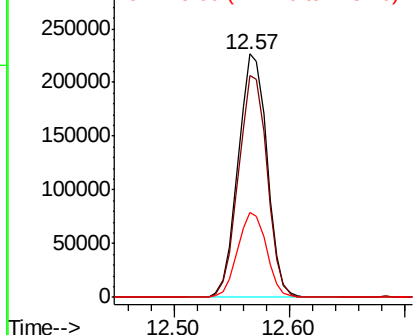


Abundance

Ion 142.00 (141.70 to 142.70): E

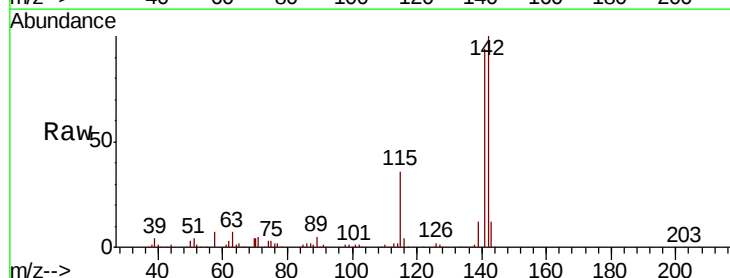
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.257 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8
116	3.8	3.3	4.9

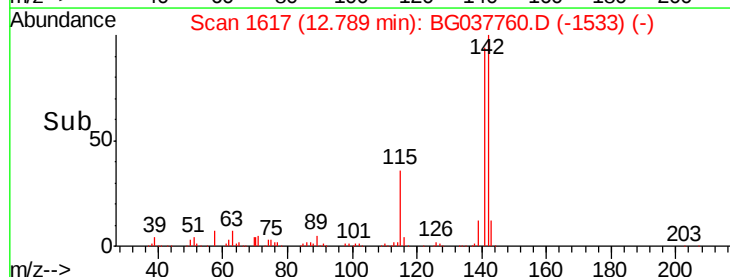
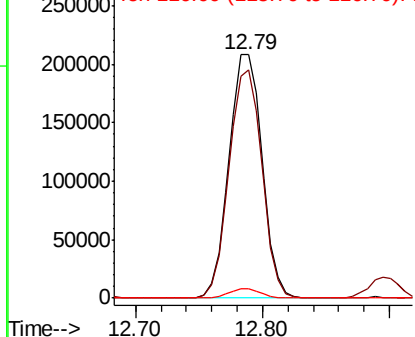


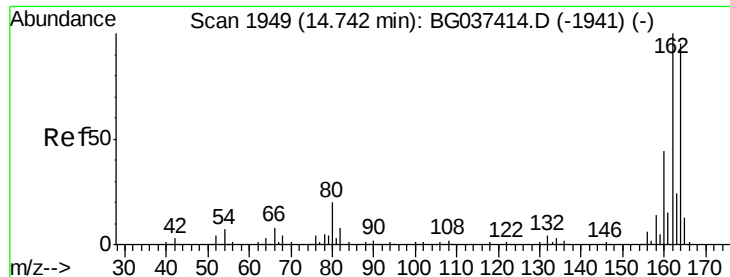
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

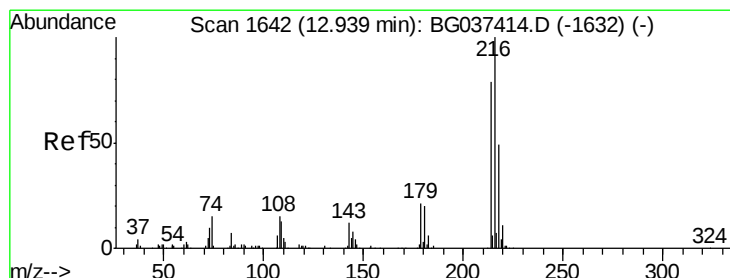
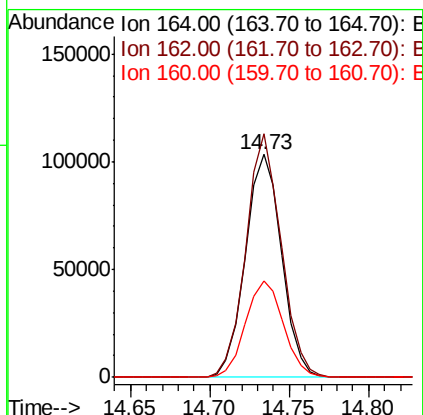
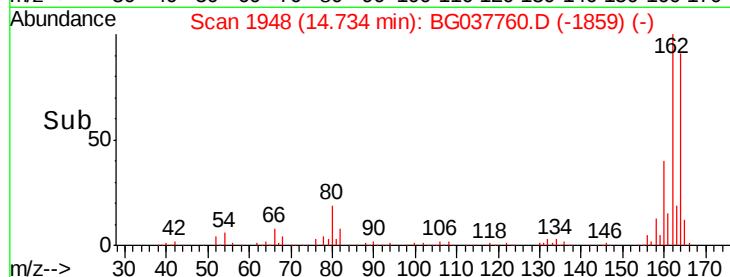
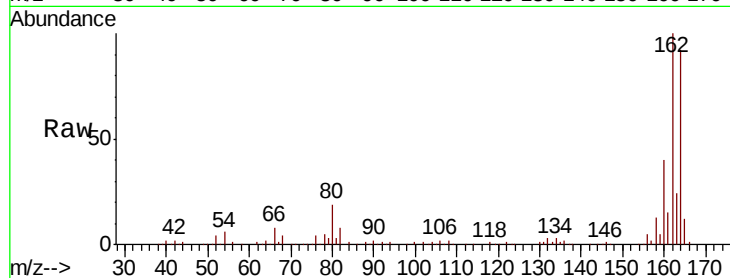
Tot Ion:164 Resp: 163799

Ion Ratio Lower Upper

164 100

162 109.2 81.3 121.9

160 43.5 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.536 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Tgt Ion:216 Resp: 208887

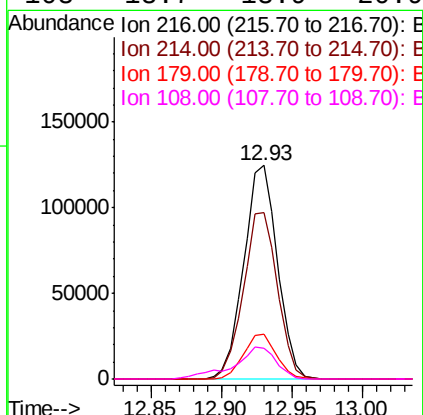
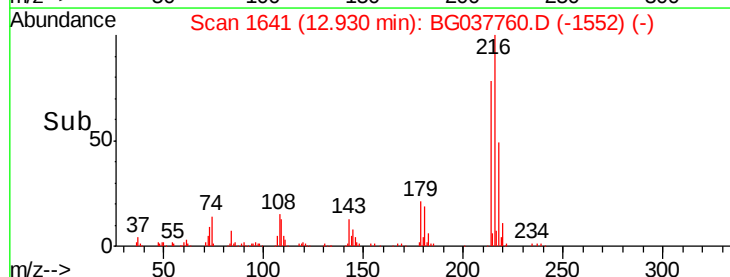
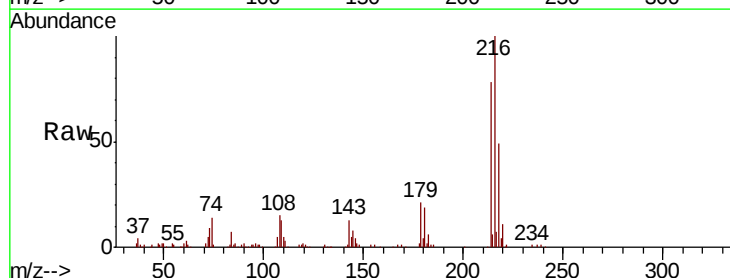
Ion Ratio Lower Upper

216 100

214 79.0 63.8 95.6

179 20.5 17.4 26.0

108 18.7 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 104.495 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

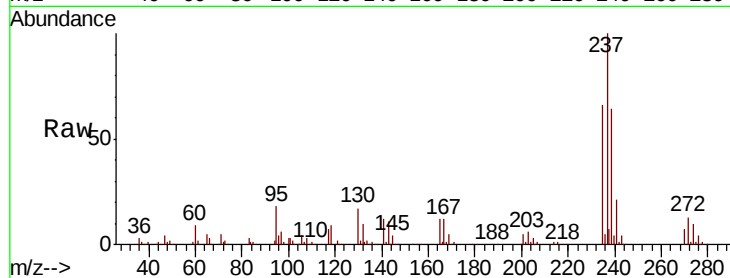
Tot Ion:237 Resp: 263720

Ion Ratio Lower Upper

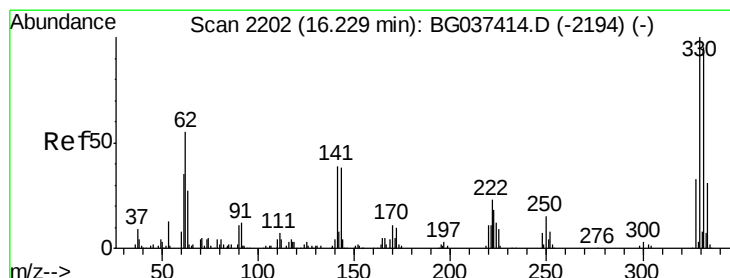
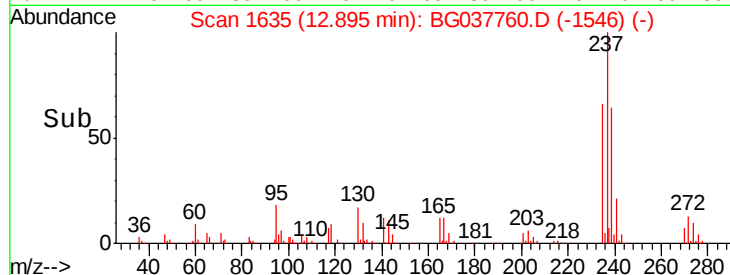
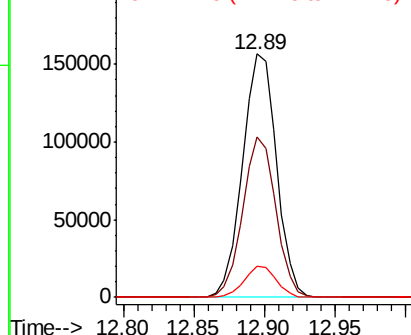
237 100

235 66.1 42.5 82.5

272 12.9 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: 144.339 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

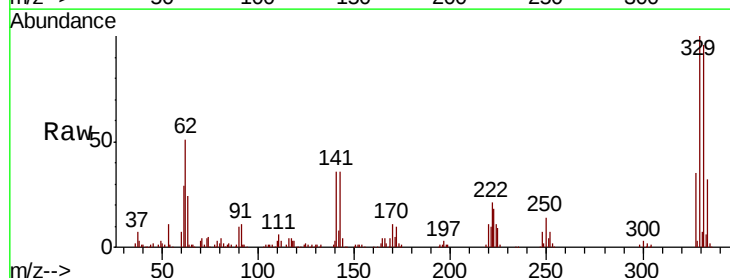
Tgt Ion:330 Resp: 257867

Ion Ratio Lower Upper

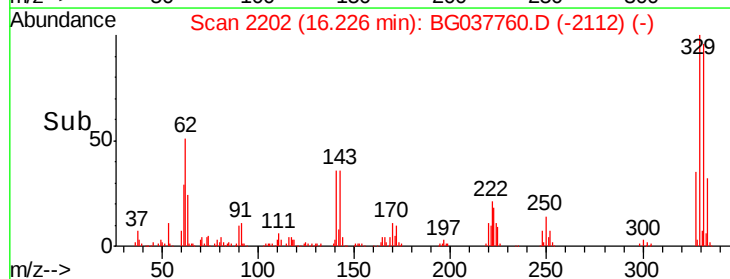
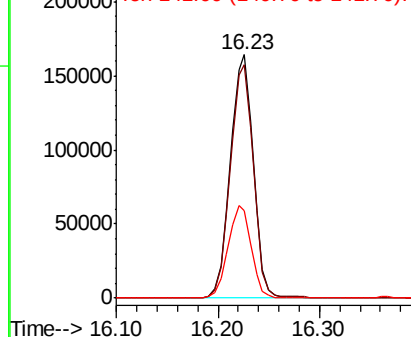
330 100

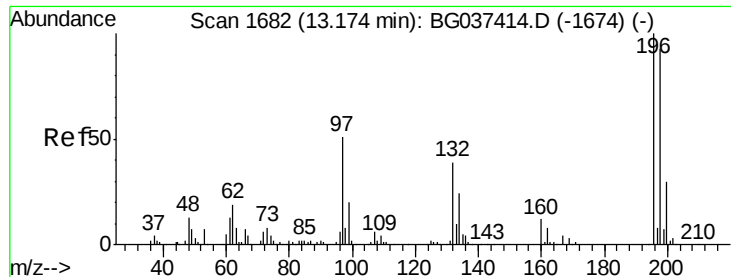
332 96.6 78.4 117.6

141 38.2 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

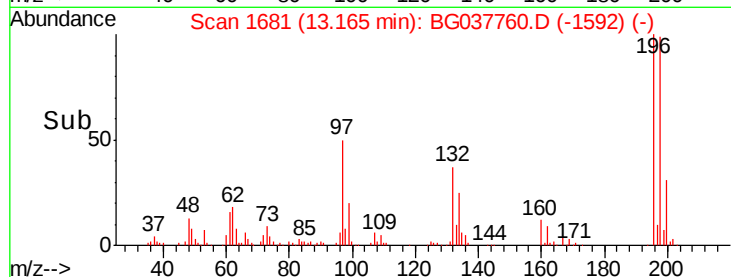
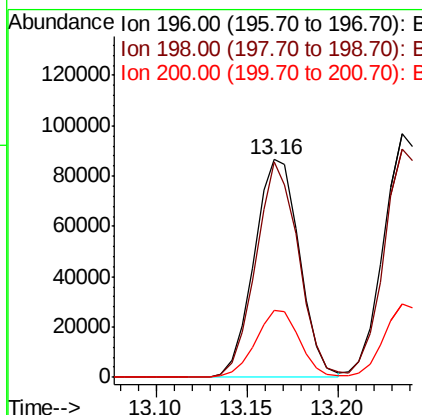
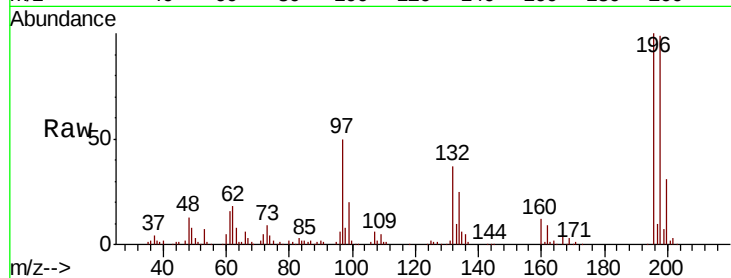




#43
 2,4,6-Trichlorophenol
 Concen: 42.426 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

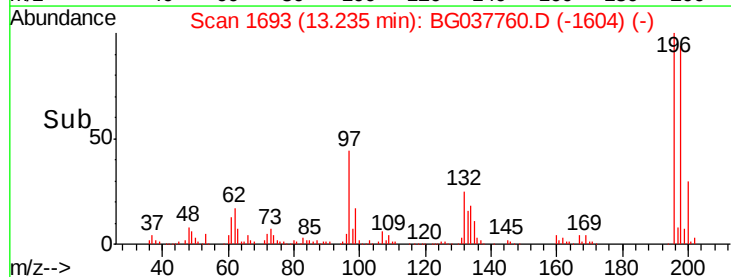
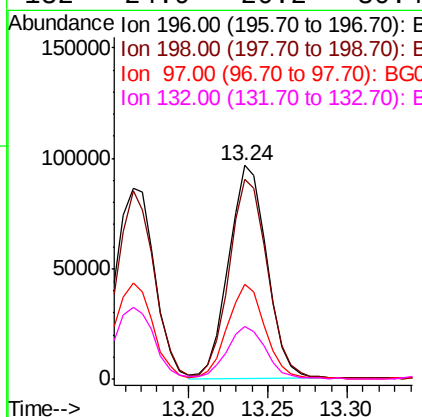
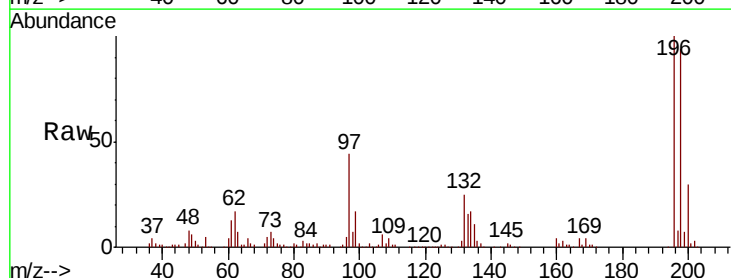
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion:196 Resp: 149752
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.4 114.6
 200 31.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.931 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion:196 Resp: 161145
 Ion Ratio Lower Upper
 196 100
 198 93.6 74.2 111.2
 97 44.3 34.1 51.1
 132 24.9 20.2 30.4

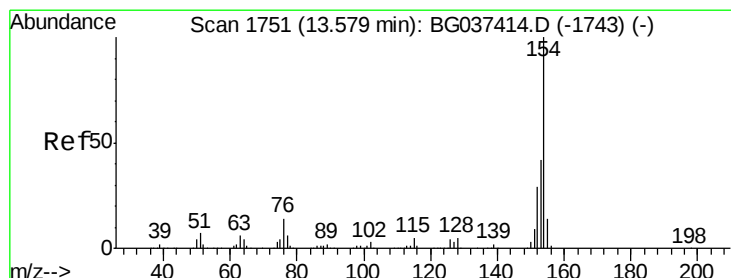
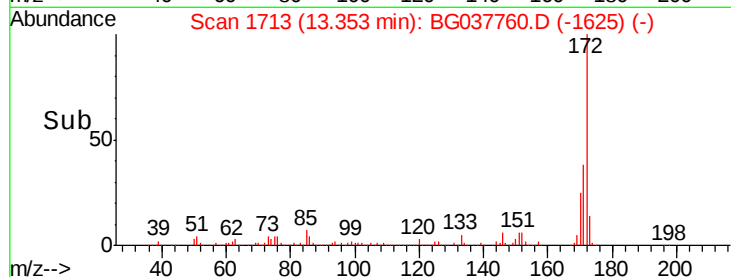
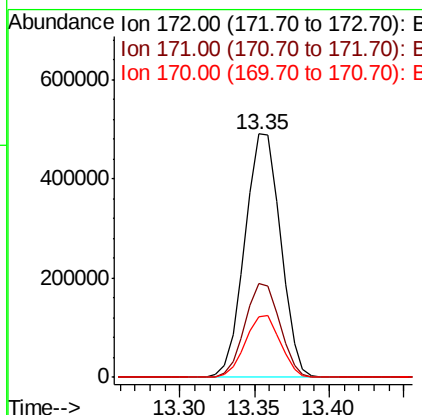
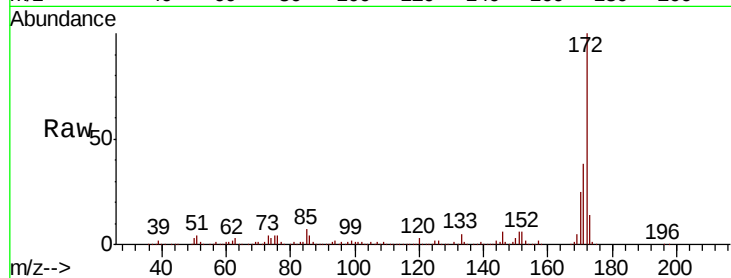




#45
 2-Fluorobiphenyl
 Concen: 74.821 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

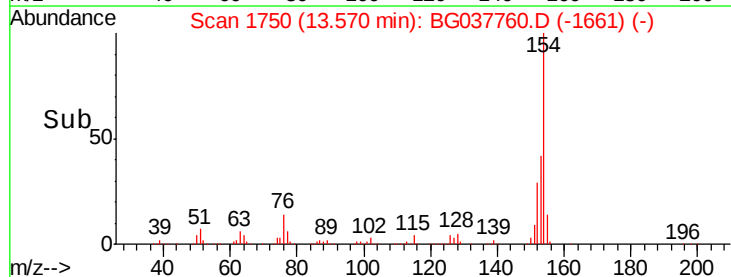
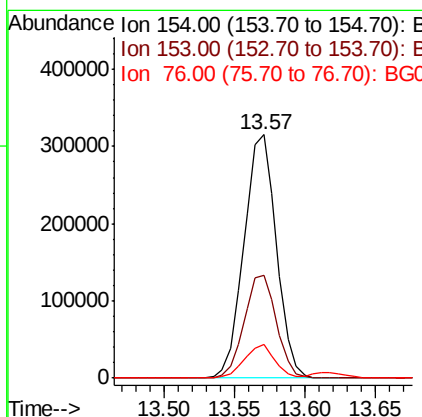
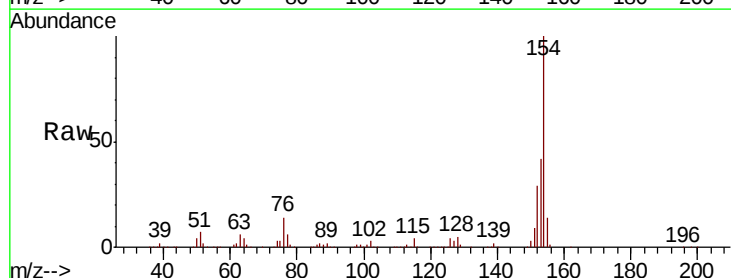
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

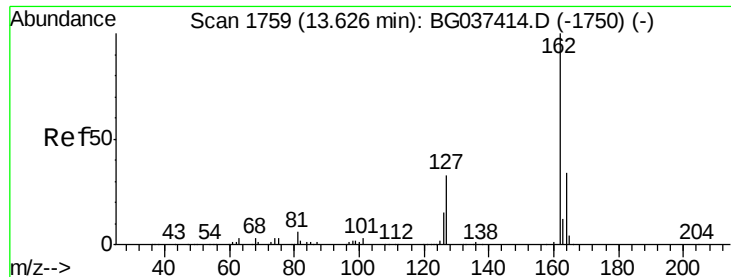
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.0	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 37.382 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	13.9	0.0	33.2

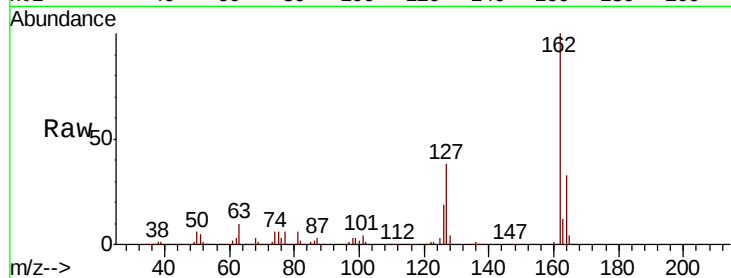




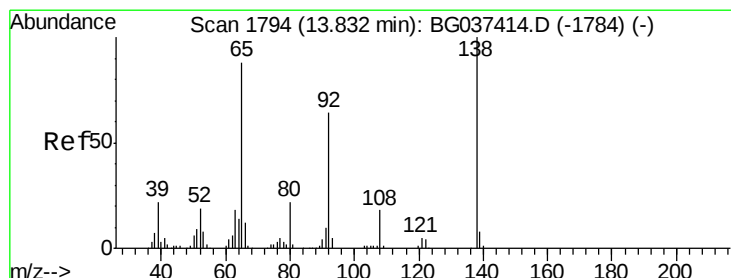
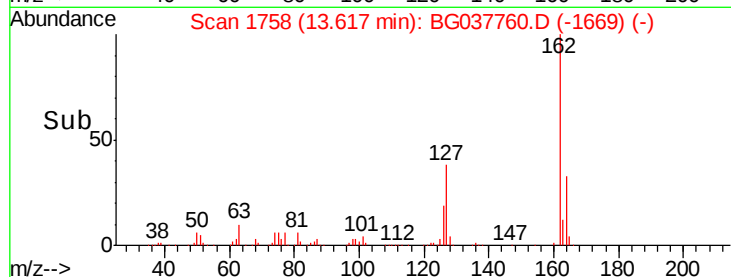
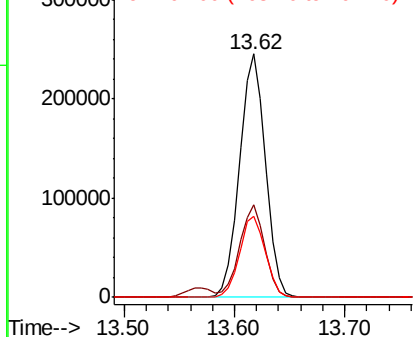
#47
2-Chloronaphthalene
Concen: 39.322 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.3	26.4	39.6

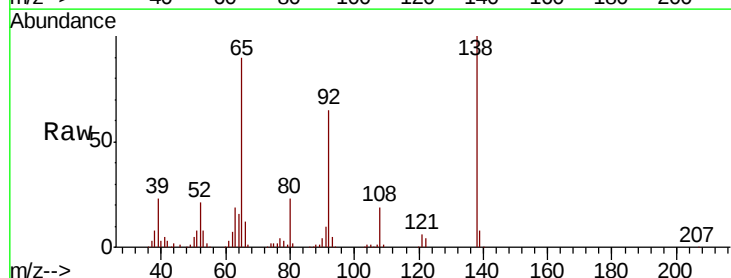


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

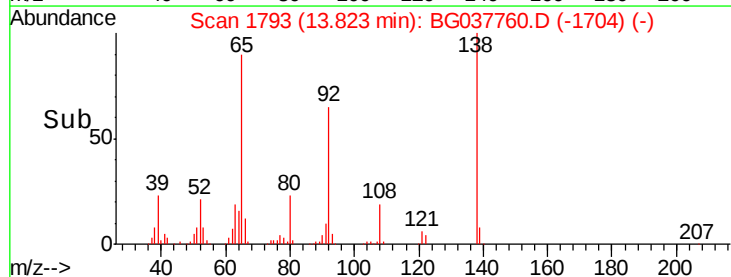
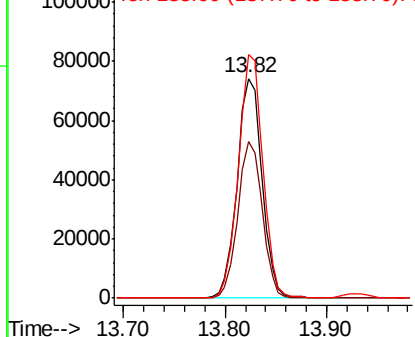


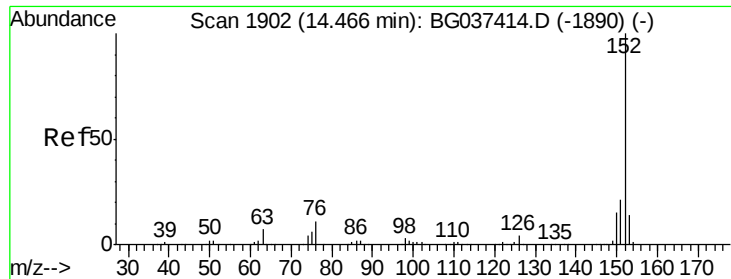
#48
2-Nitroaniline
Concen: 40.739 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	53.2	79.8
138	110.9	79.3	118.9



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





#49

Acenaphthylene

Concen: 42.897 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

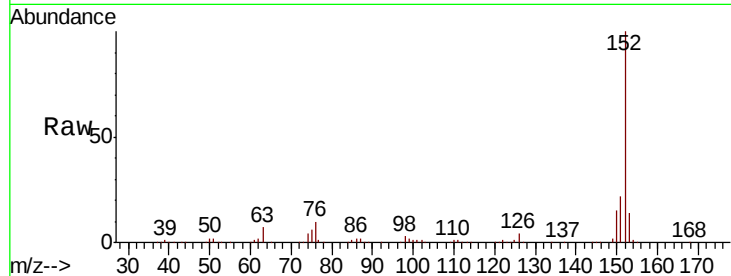
Tot Ion:152 Resp: 662253

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

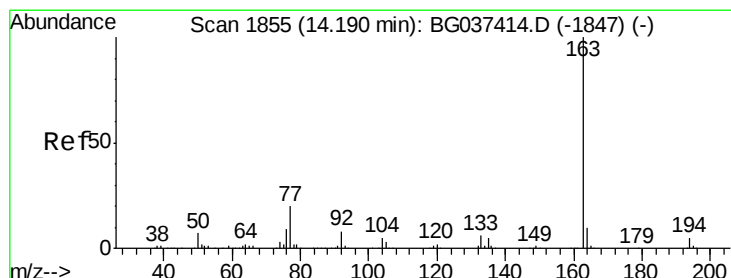
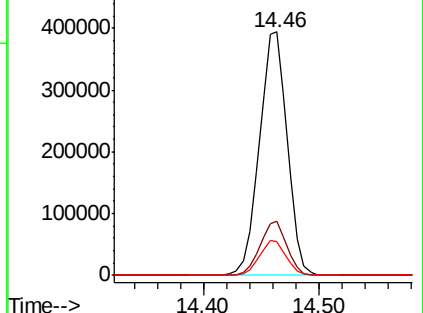
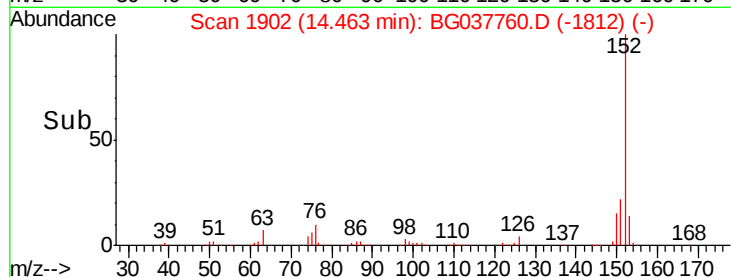
153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.226 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

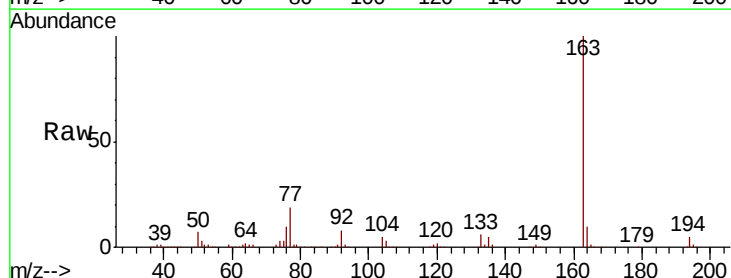
Tgt Ion:163 Resp: 509735

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

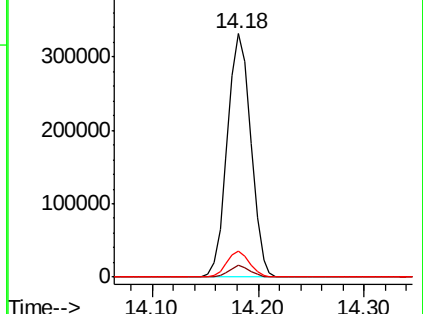
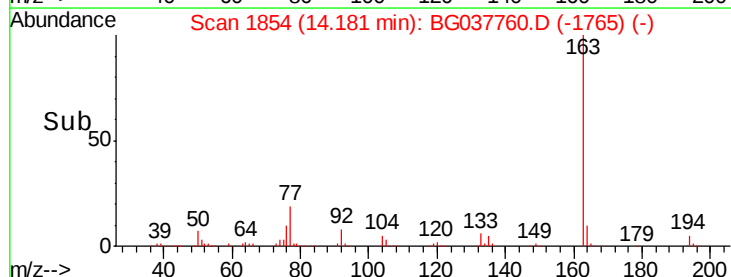
164 10.5 8.5 12.7

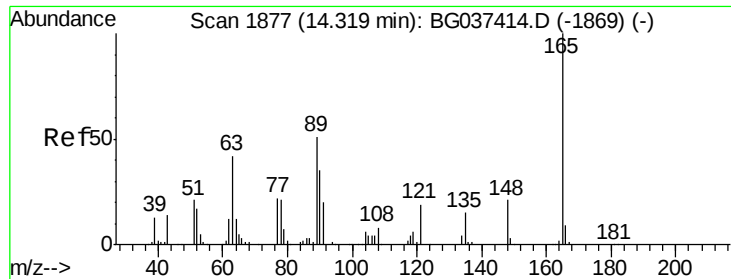


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.562 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

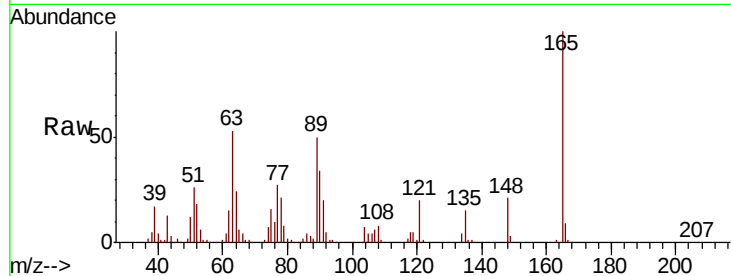
Tot Ion:165 Resp: 116510

Ion Ratio Lower Upper

165 100

63 53.3 43.4 65.2

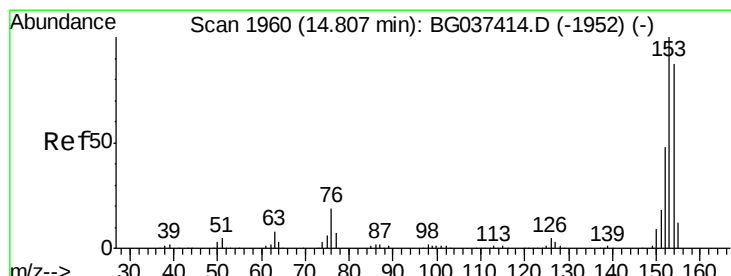
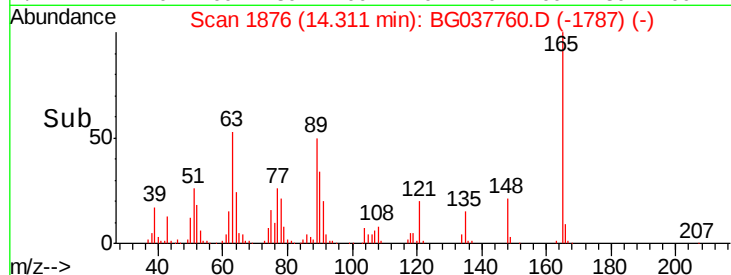
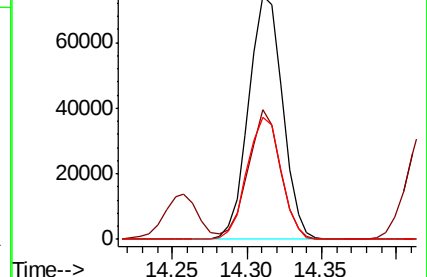
89 50.0 45.8 68.6



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: 40.216 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

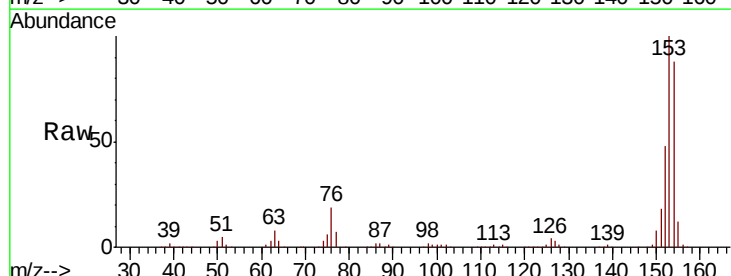
Tgt Ion:154 Resp: 382369

Ion Ratio Lower Upper

154 100

153 113.7 93.4 140.0

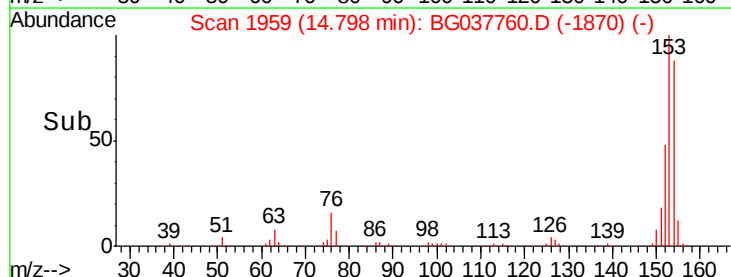
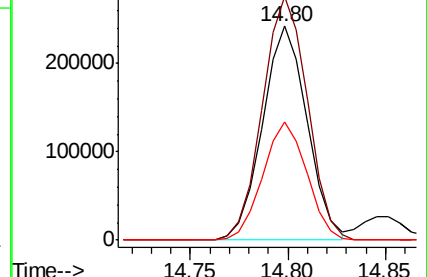
152 55.1 44.7 67.1

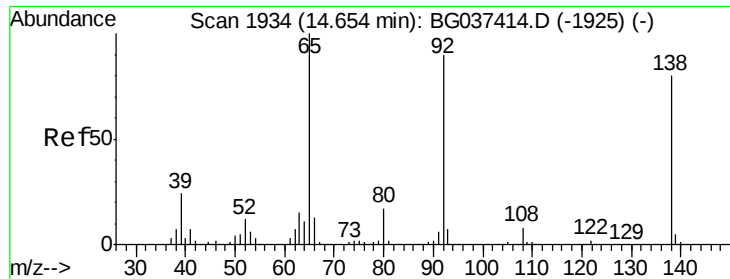


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.616 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

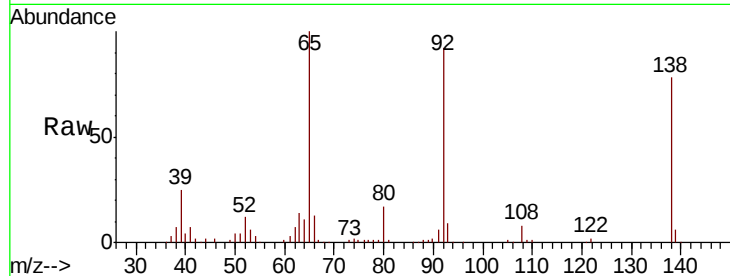
Tot Ion:138 Resp: 98388

Ion Ratio Lower Upper

138 100

108 10.0 11.0 16.6#

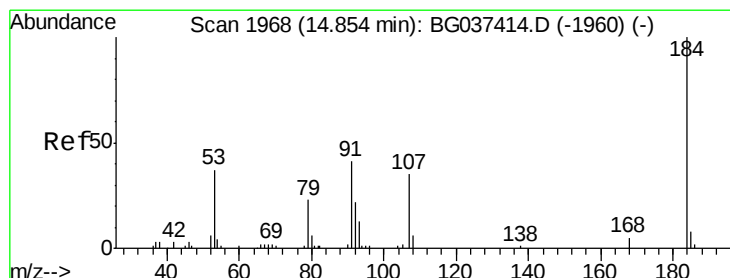
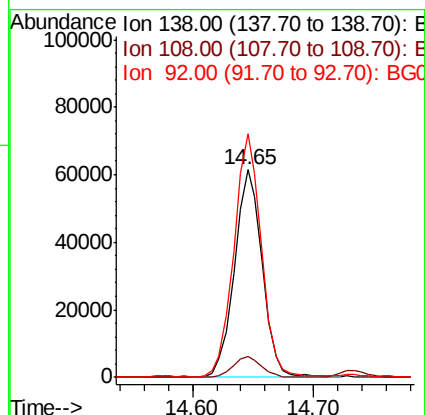
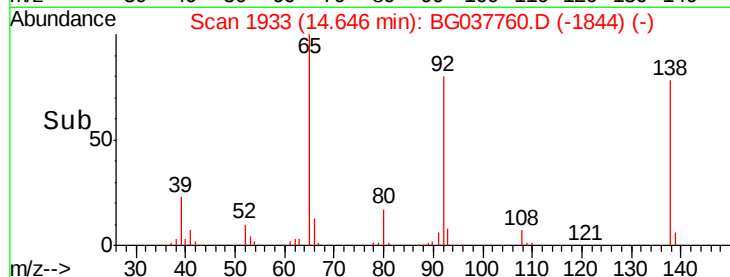
92 117.3 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.244 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

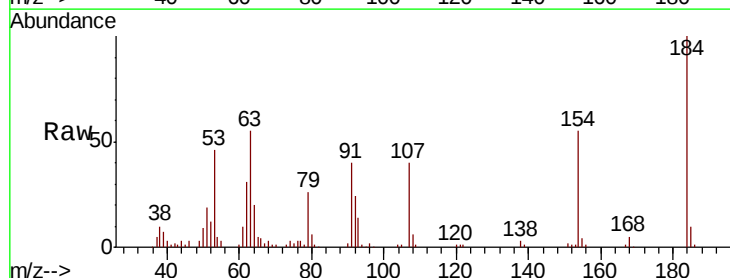
Tgt Ion:184 Resp: 86026

Ion Ratio Lower Upper

184 100

63 55.5 42.6 63.8

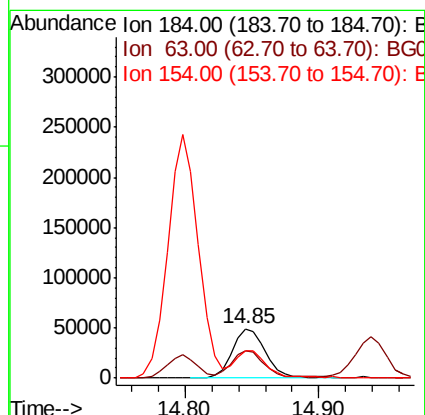
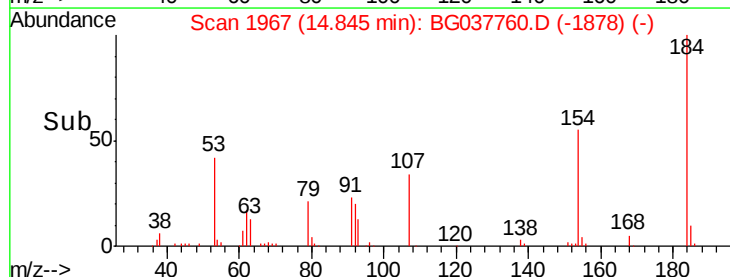
154 55.1 41.8 62.6

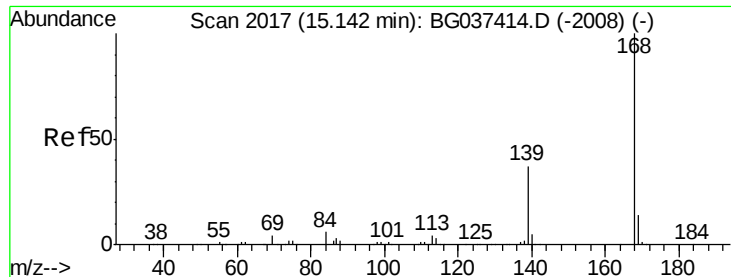


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

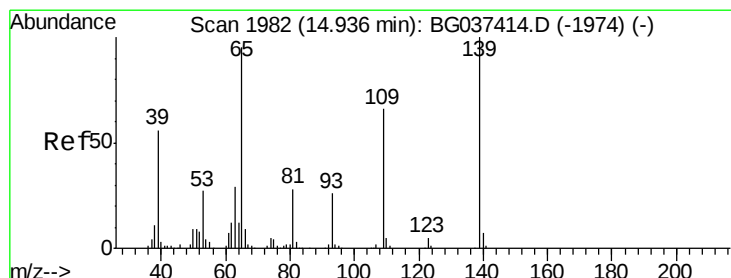
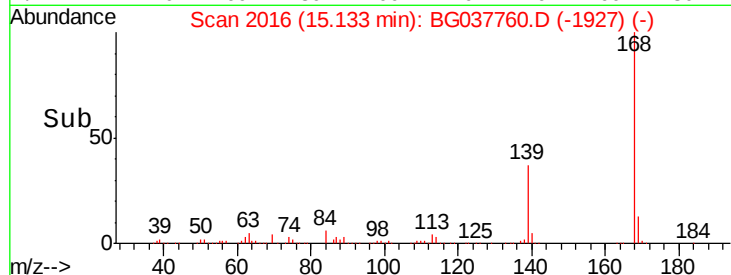
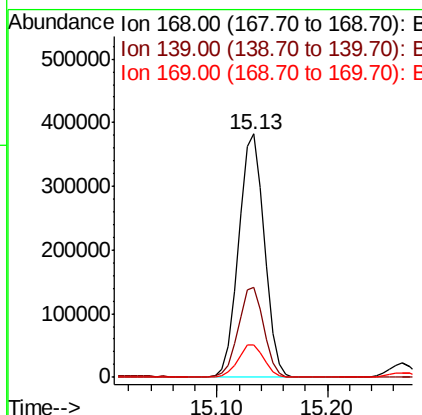
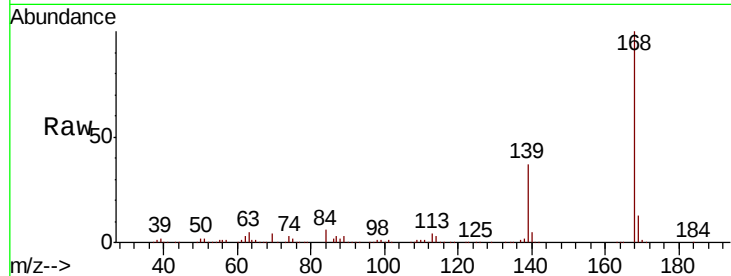




#55
Dibenzofuran
Concen: 39.671 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

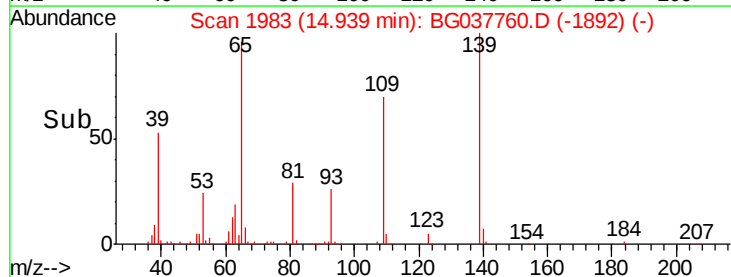
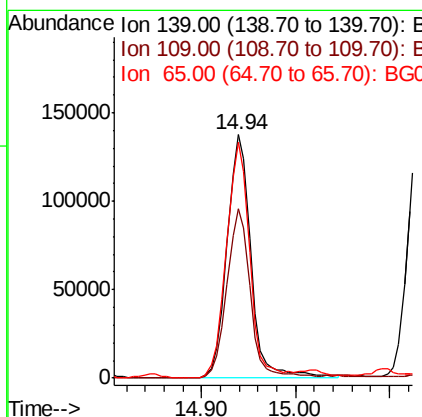
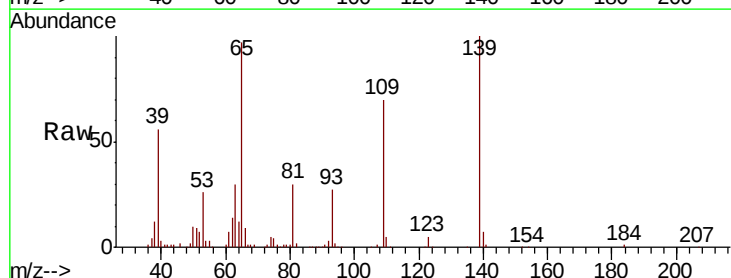
Instrument :
BNA_G
ClientSampleId :
PB114425BS

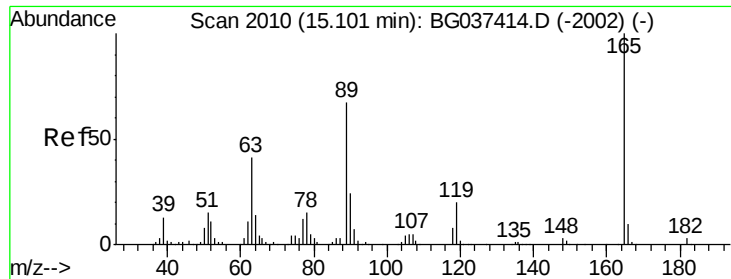
Tot Ion:168 Resp: 624927
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.5 11.0 16.6



#56
4-Nitrophenol
Concen: 105.985 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:139 Resp: 244137
Ion Ratio Lower Upper
139 100
109 69.6 49.5 89.5
65 96.7 76.8 116.8

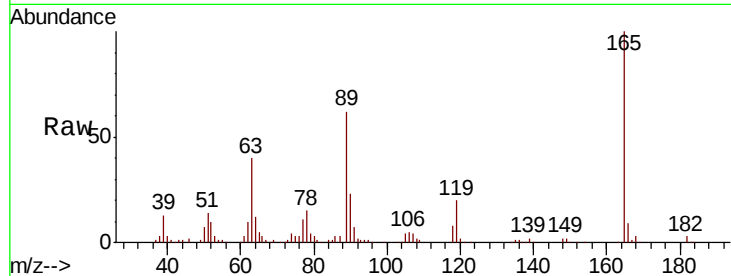




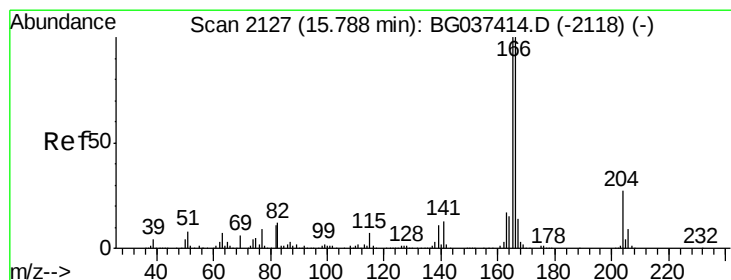
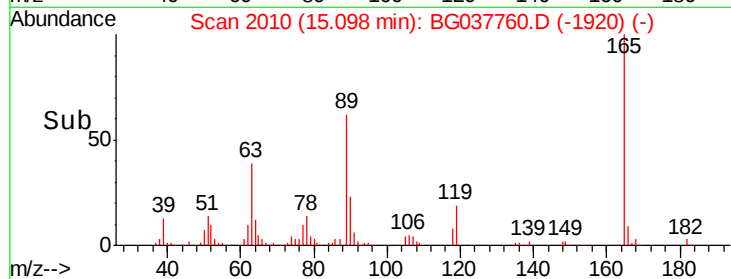
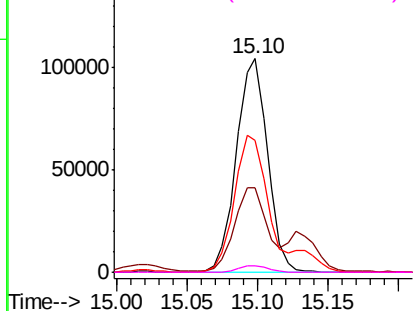
#57
 2,4-Dinitrotoluene
 Concen: 43.610 ng
 RT: 15.10 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion:165	Resp:	160473
Ion Ratio	Lower	Upper
165	100	
63	39.6	33.4 50.0
89	61.9	57.2 85.8
182	3.0	2.6 4.0

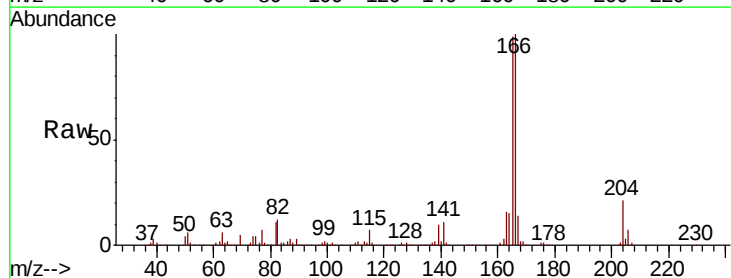


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

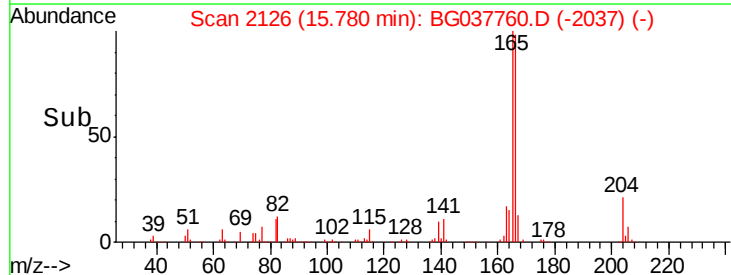
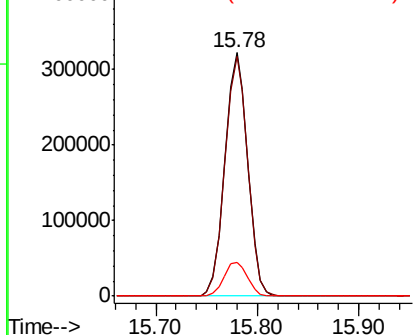


#58
 Fluorene
 Concen: 42.525 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion:166	Resp:	501642
Ion Ratio	Lower	Upper
166	100	
165	98.5	79.0 118.6
167	13.9	11.3 16.9



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

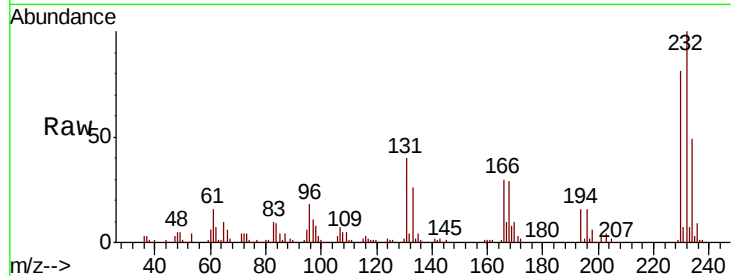




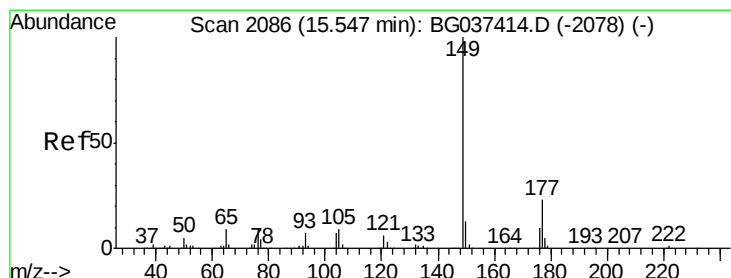
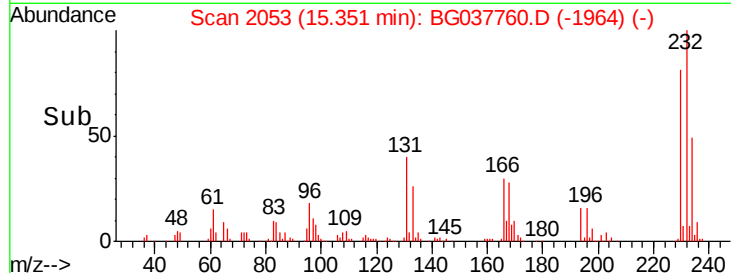
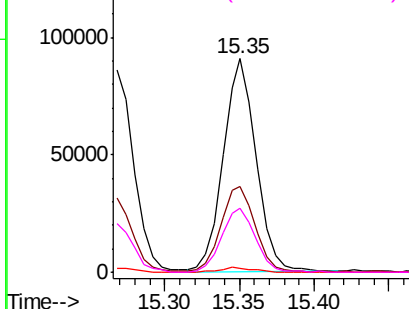
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.262 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.7	50.5
130	2.4	2.1	3.1
166	31.6	24.6	36.8

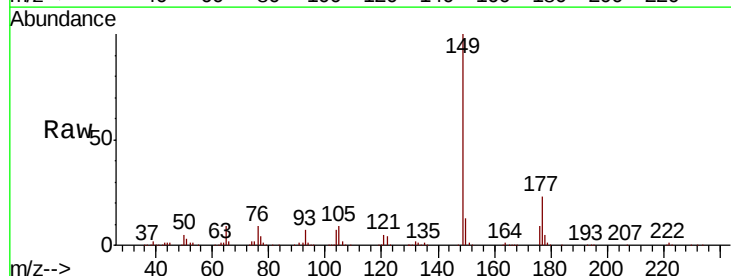


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

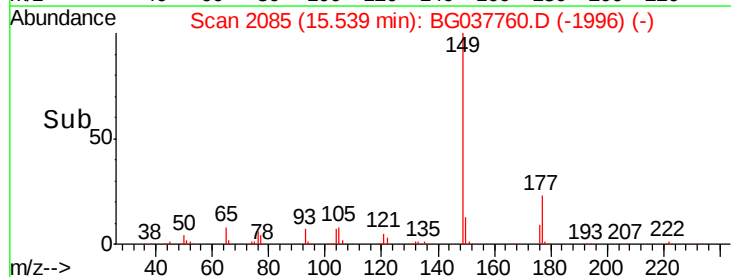
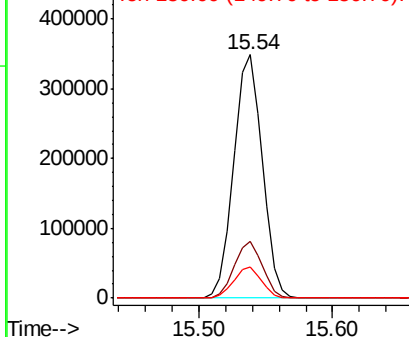


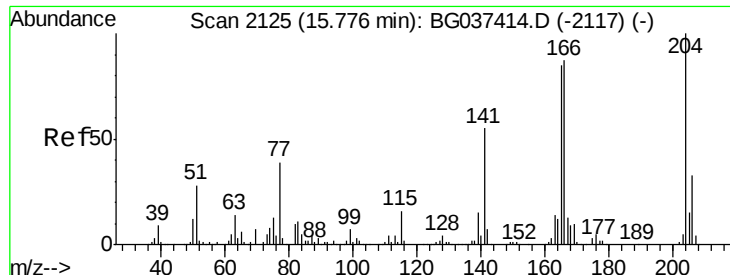
#60
 Diethylphthalate
 Concen: 39.818 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.9	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

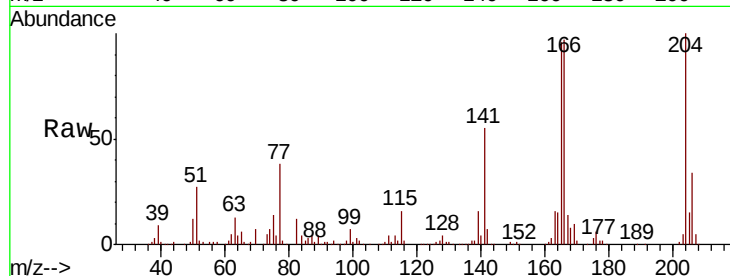




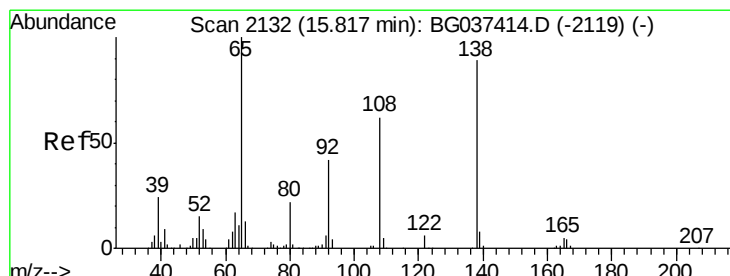
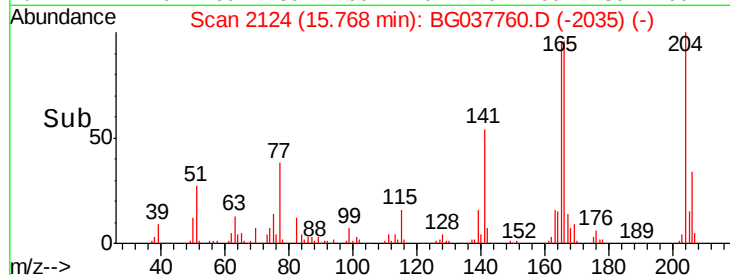
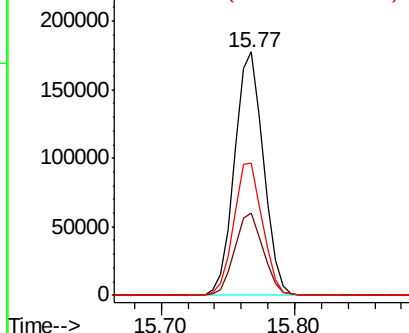
#61
 4-Chlorophenyl-phenylether
 Concen: 38.639 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleID :
 PB114425BS

Tot Ion:204 Resp: 265674
 Ion Ratio Lower Upper
 204 100
 206 33.7 26.6 39.8
 141 54.5 45.4 68.2

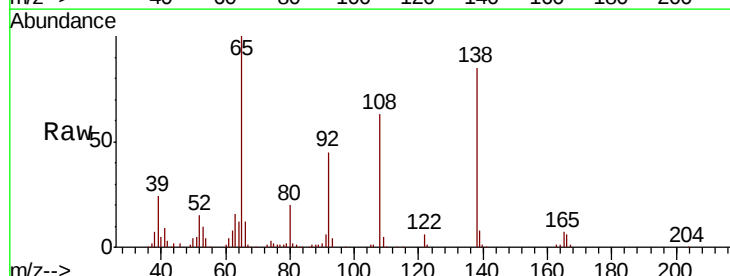


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

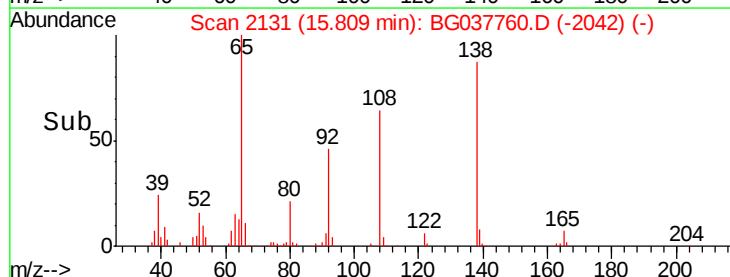
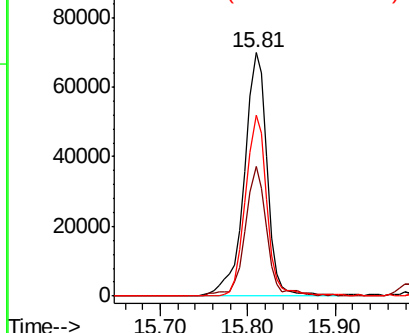


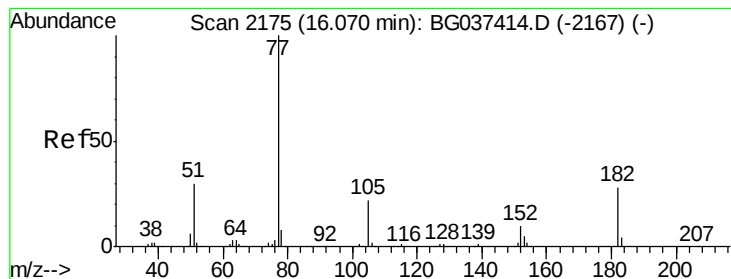
#62
 4-Nitroaniline
 Concen: 39.479 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion:138 Resp: 122081
 Ion Ratio Lower Upper
 138 100
 92 53.1 36.4 76.4
 108 74.2 60.1 100.1



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





#63

Azobenzene

Concen: 39.387 ng

RT: 16.06 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

Tot Ion: 77 Resp: 488901

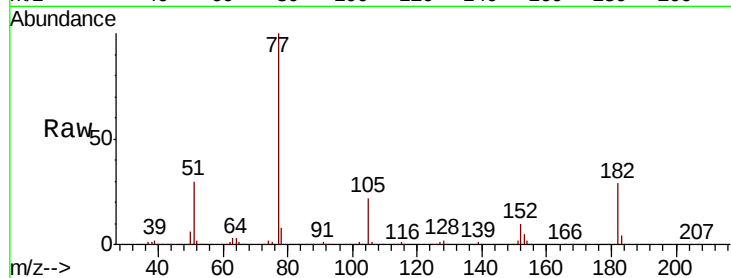
Ion Ratio Lower Upper

77 100

182 28.8 8.0 48.0

105 22.2 1.3 41.3

51 29.7 10.7 50.7

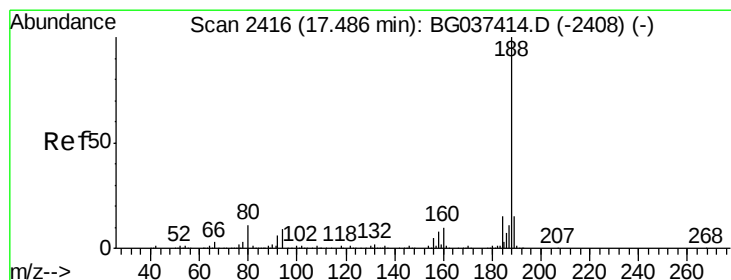
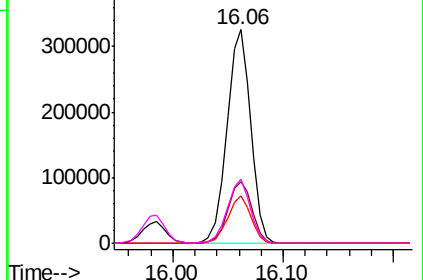
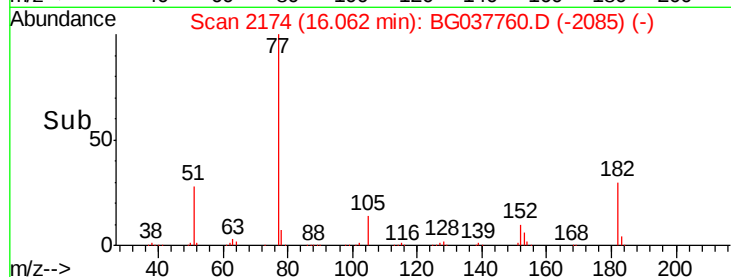


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

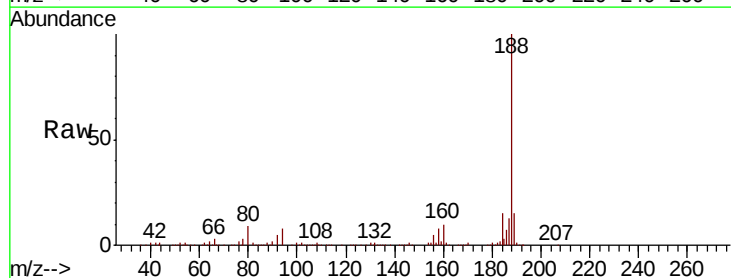
Tgt Ion: 188 Resp: 374229

Ion Ratio Lower Upper

188 100

94 8.3 7.2 10.8

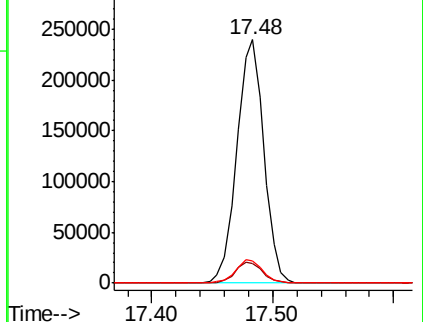
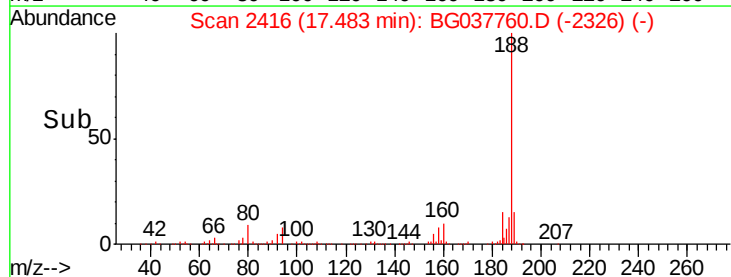
80 8.9 7.7 11.5

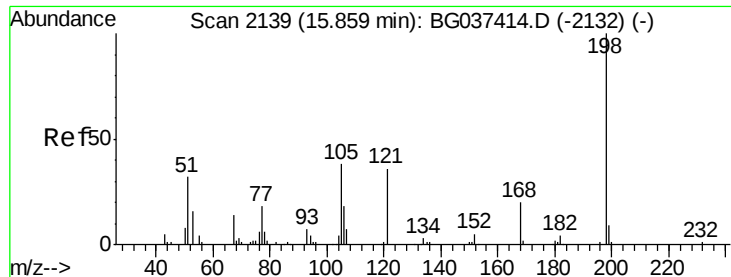


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.873 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

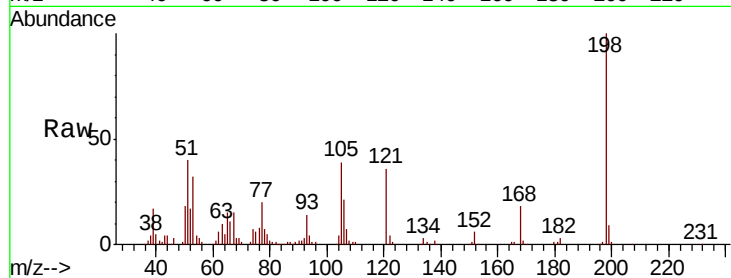
Tot Ion:198 Resp: 79638

Ion Ratio Lower Upper

198 100

51 39.7 22.7 62.7

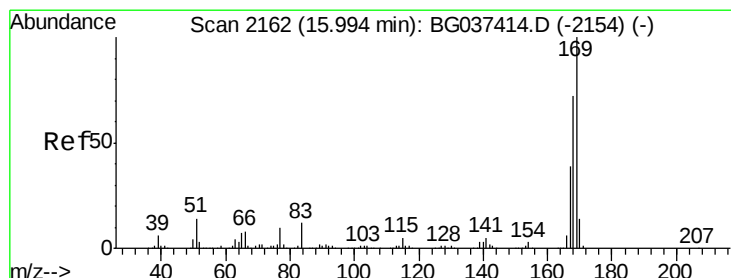
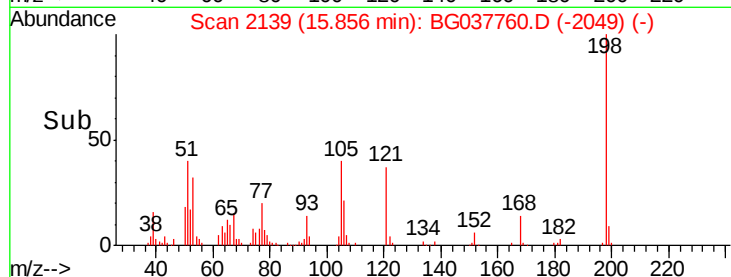
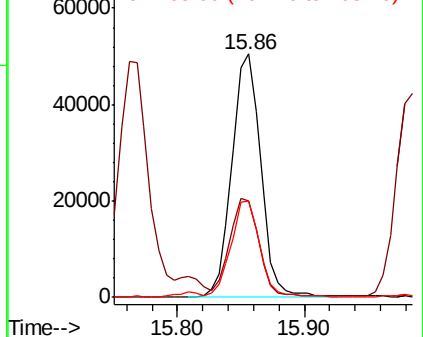
105 39.5 19.7 59.7



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: 40.082 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

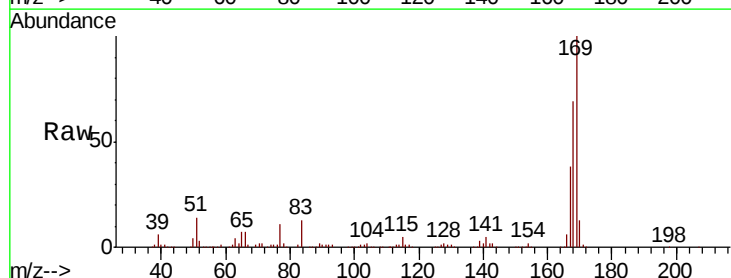
Tgt Ion:169 Resp: 451202

Ion Ratio Lower Upper

169 100

168 69.2 55.7 83.5

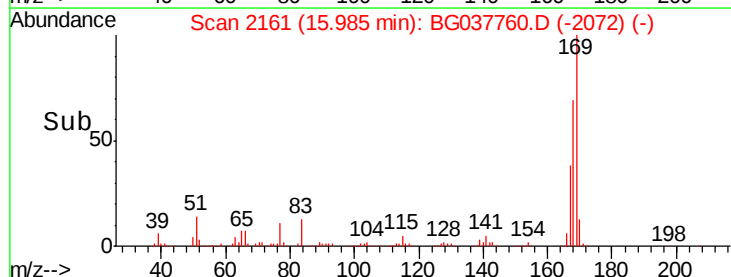
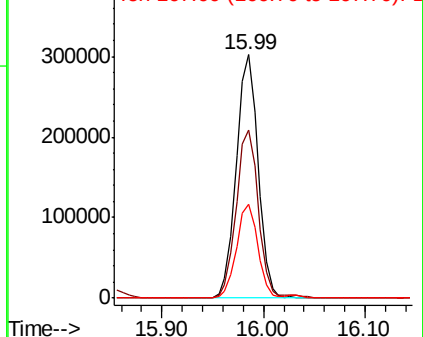
167 38.4 31.3 46.9

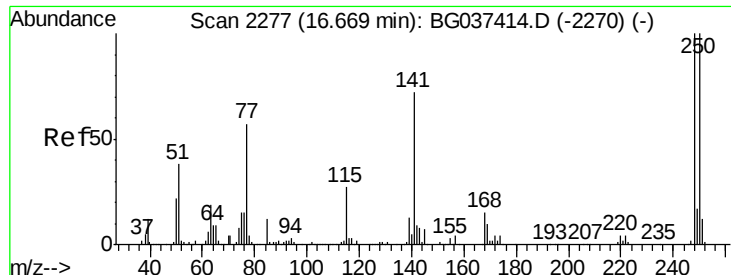


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

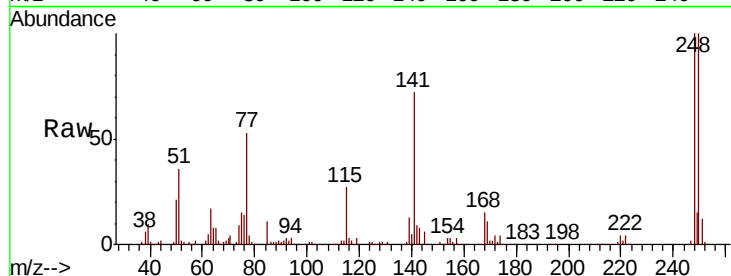




#67
 4-Bromophenyl-phenylether
 Concen: 40.388 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.0	115.6
141	71.6	55.5	83.3

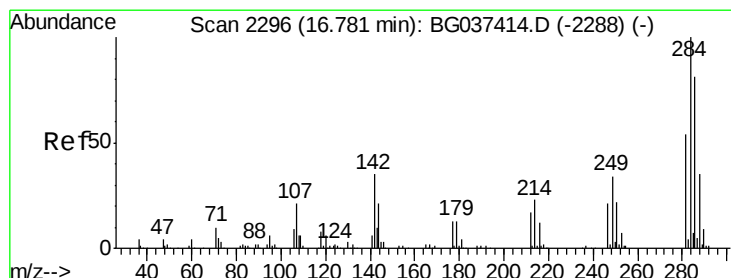
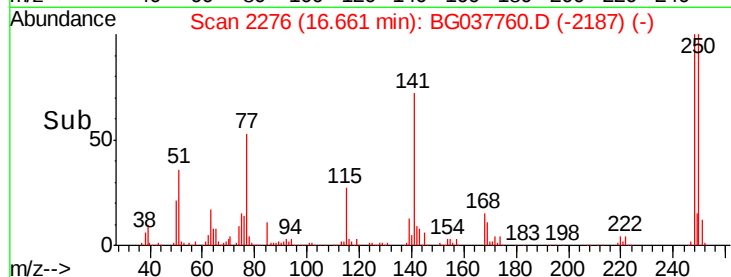
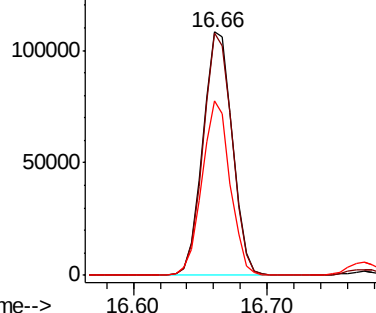


Abundance

Ion 248.00 (247.70 to 248.70): E

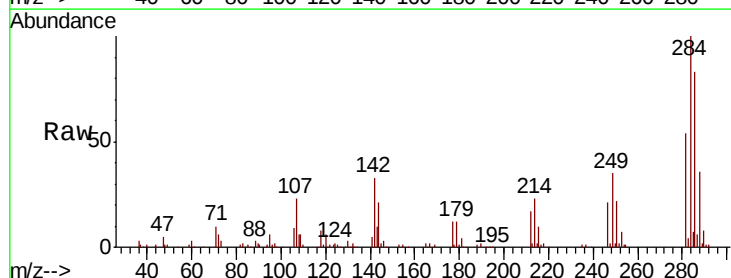
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.335 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	28.1	42.1
249	37.2	29.8	44.8

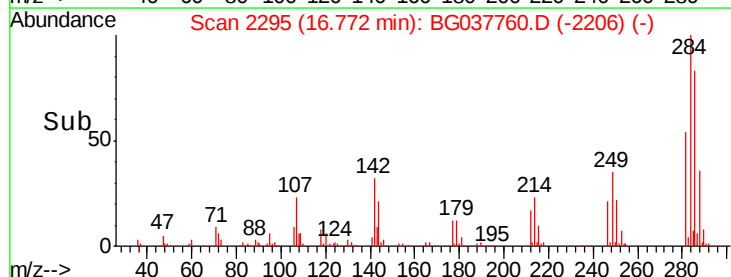
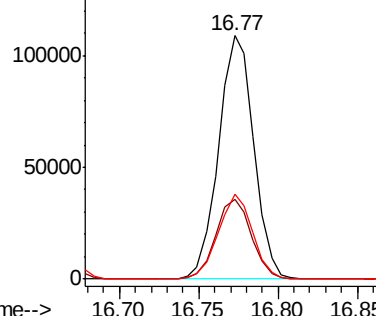


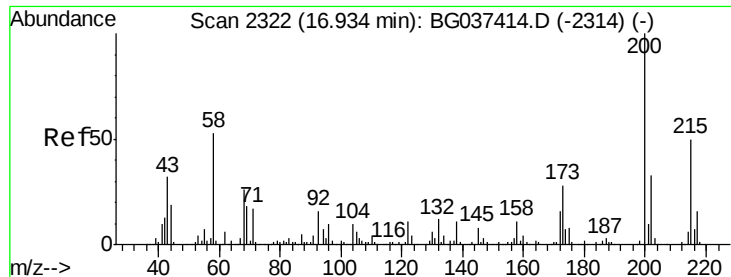
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

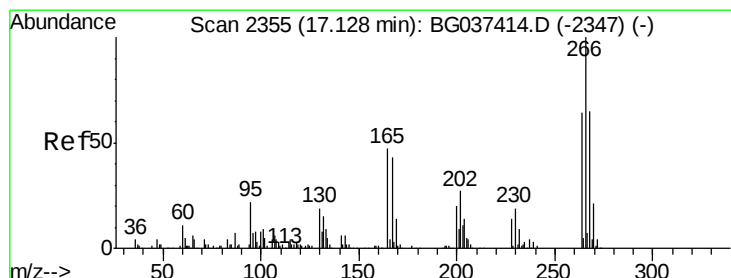
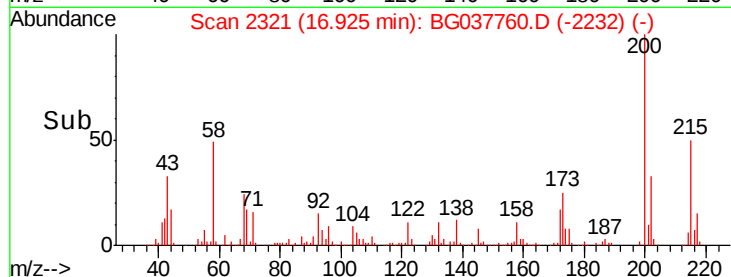
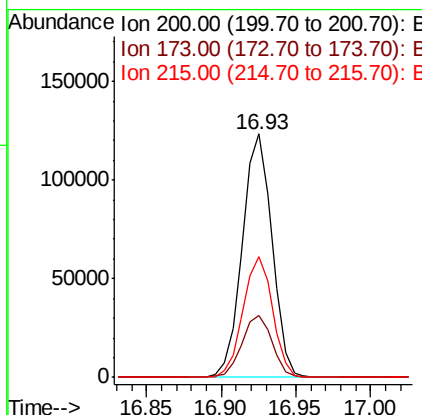
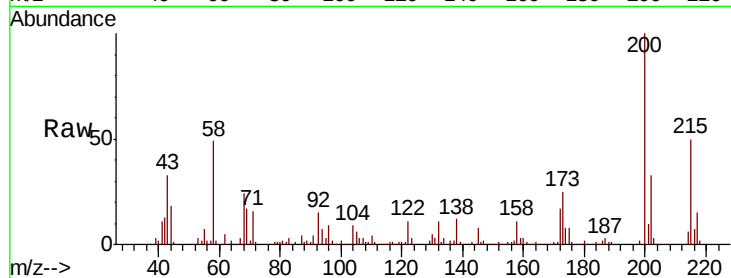




#69
 Atrazine
 Concen: 41.681 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

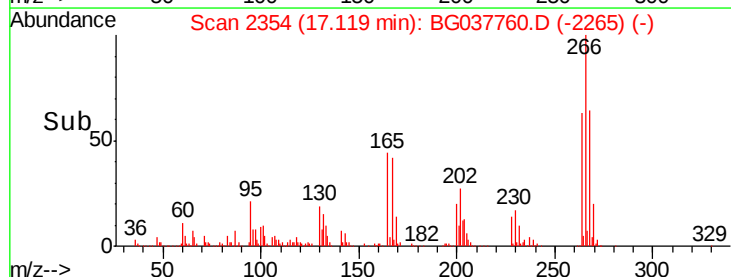
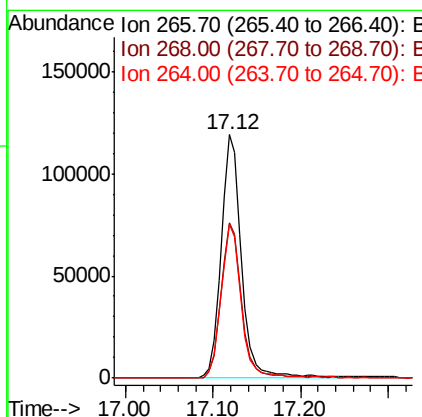
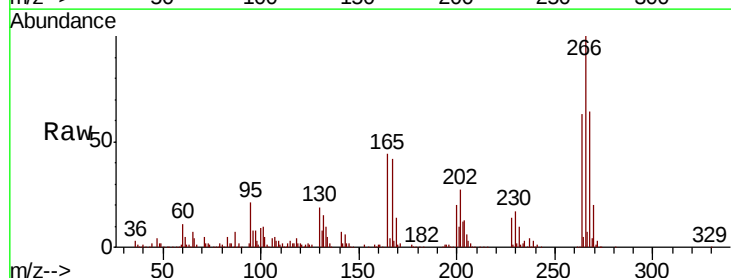
Instrument :
 BNA_G
 ClientSampleId :
 PB114425BS

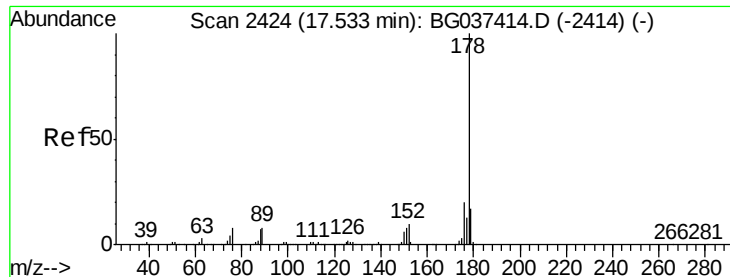
Tot Ion:200 Resp: 169639
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.1 46.1
 215 49.9 30.8 70.8



#70
 Pentachlorophenol
 Concen: 67.336 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037760.D
 Acq: 2 Nov 2018 18:39

Tgt Ion:266 Resp: 192109
 Ion Ratio Lower Upper
 266 100
 268 68.4 55.0 82.6
 264 67.8 58.9 88.3

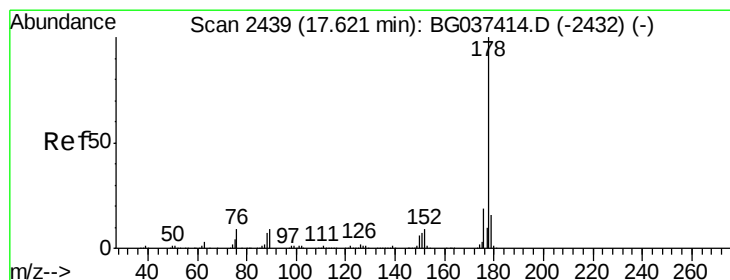
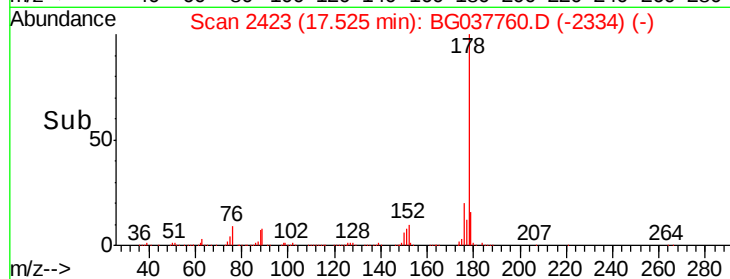
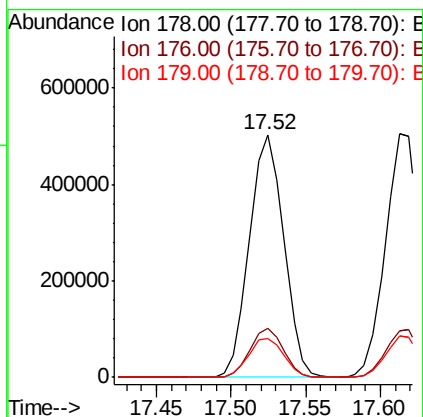
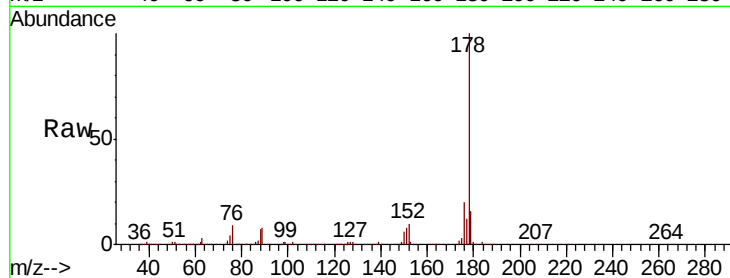




#71
Phenanthrene
Concen: 42.103 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

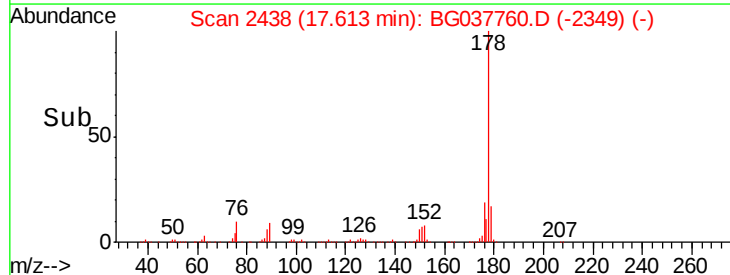
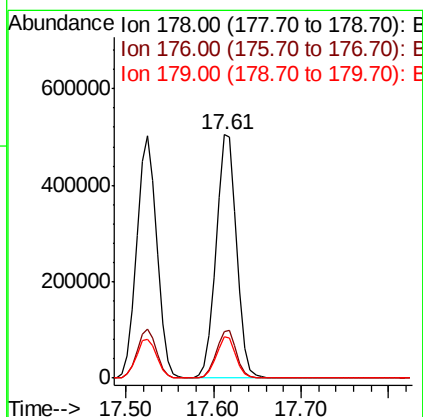
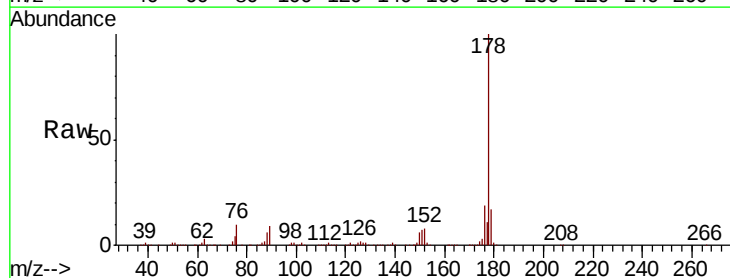
Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:178 Resp: 800783
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.2 13.0 19.4



#72
Anthracene
Concen: 43.872 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:178 Resp: 818868
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 16.8 12.8 19.2





#73

Carbazole

Concen: 38.779 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

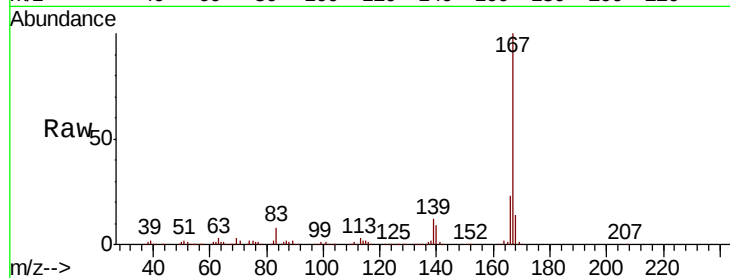
Tot Ion:167 Resp: 724020

Ion Ratio Lower Upper

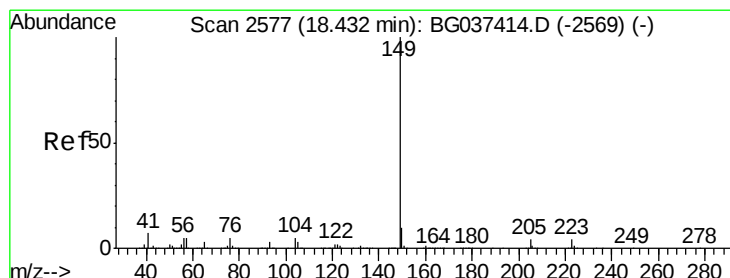
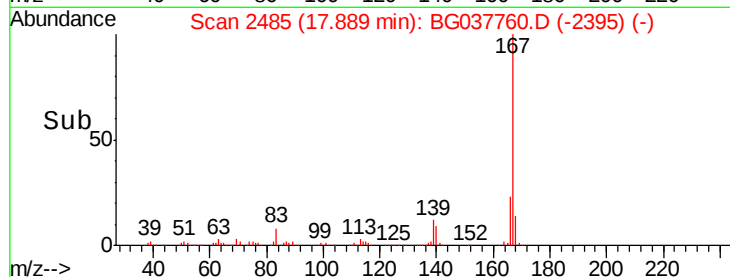
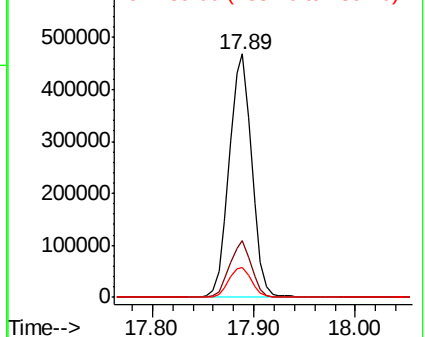
167 100

166 23.2 18.3 27.5

139 12.3 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 41.700 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

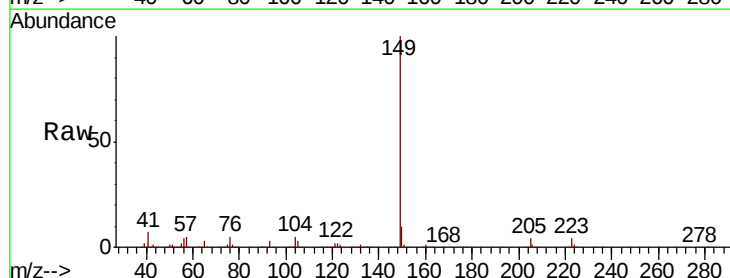
Tgt Ion:149 Resp: 866071

Ion Ratio Lower Upper

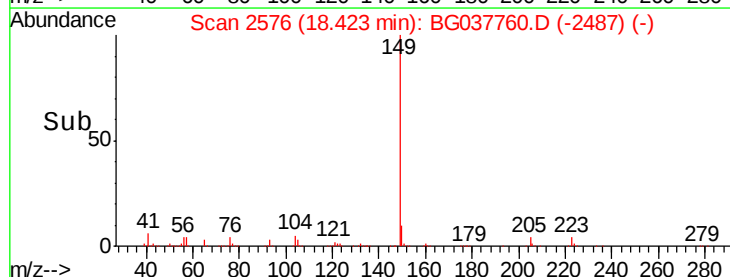
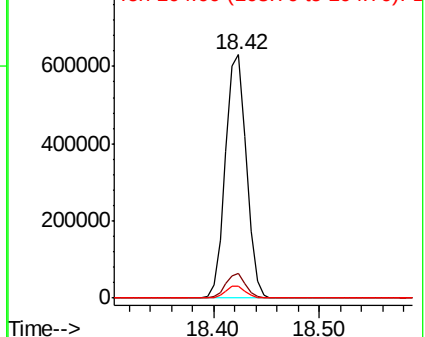
149 100

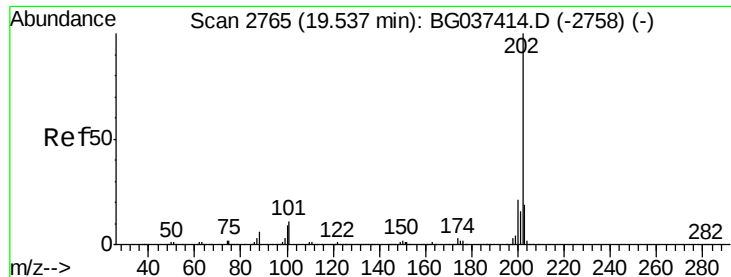
150 10.0 8.2 12.2

104 4.8 4.0 6.0



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





#75

Fluoranthene

Concen: 42.868 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

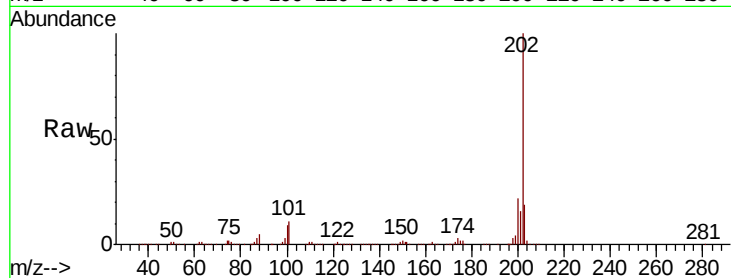
Tot Ion:202 Resp: 924734

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

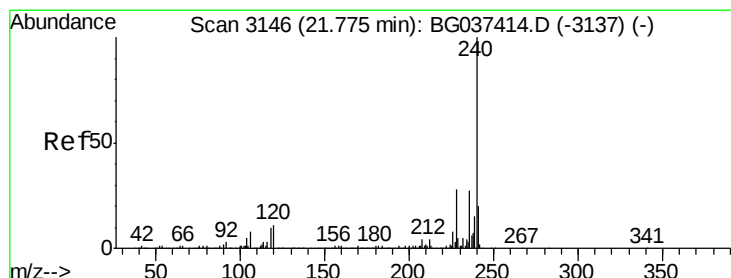
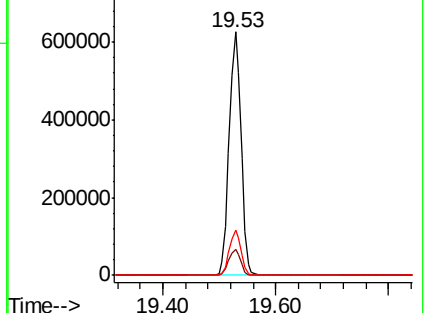
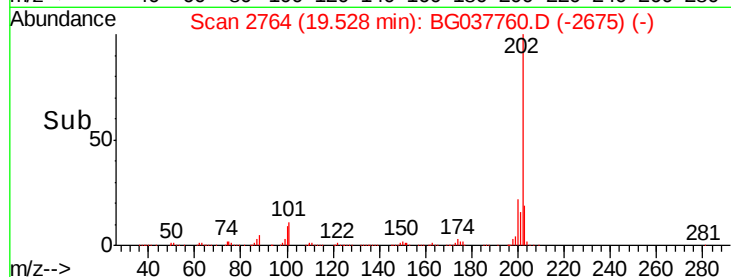
203 18.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

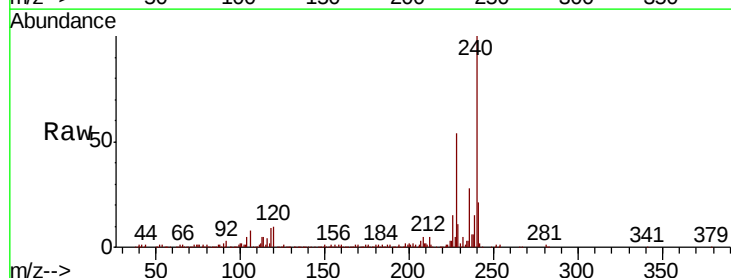
Tgt Ion:240 Resp: 333953

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

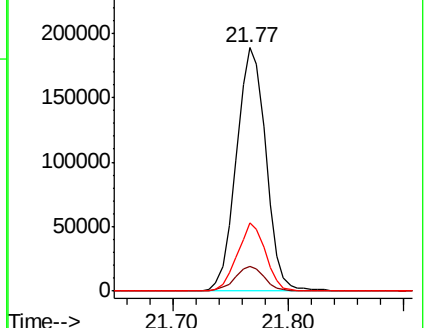
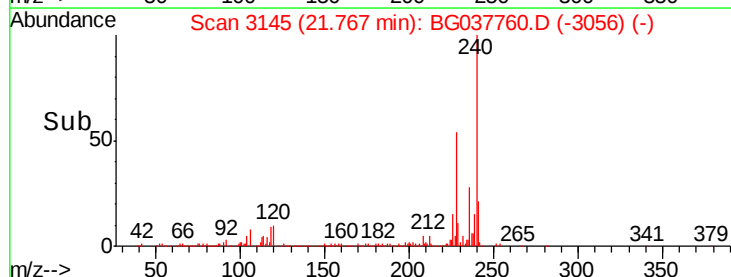
236 27.8 21.4 32.0



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: 35.594 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

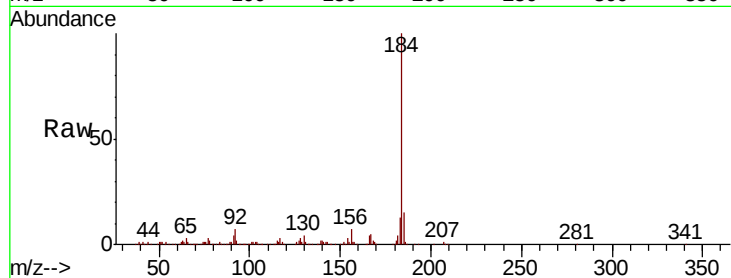
Tot Ion:184 Resp: 404175

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

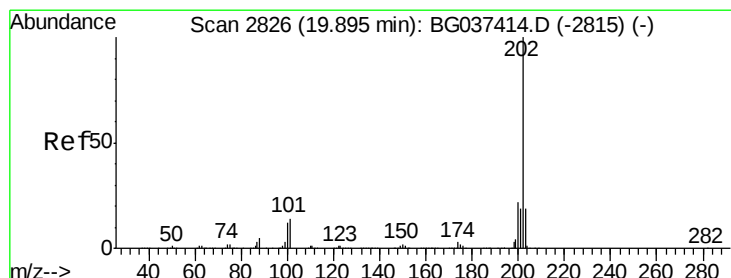
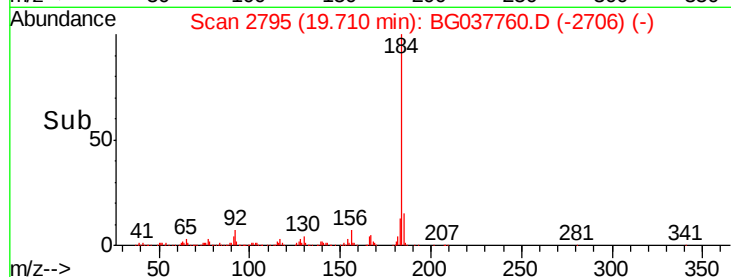
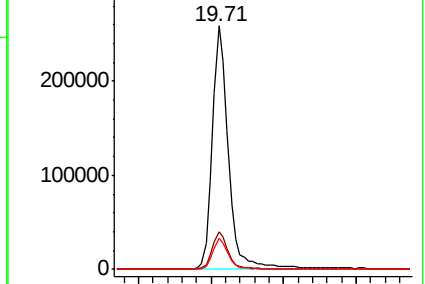
183 12.6 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.875 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

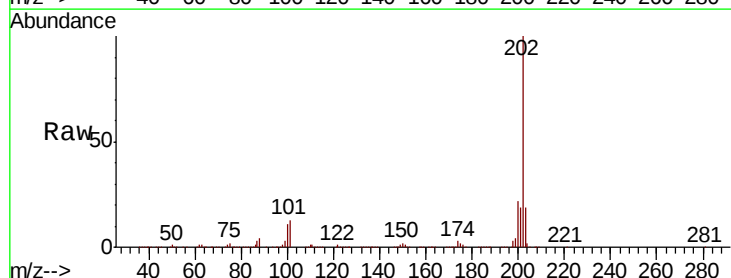
Tgt Ion:202 Resp: 914182

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

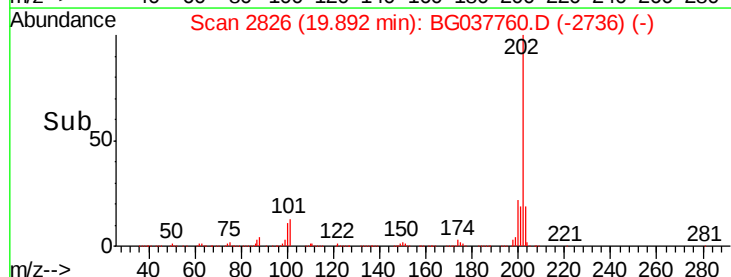
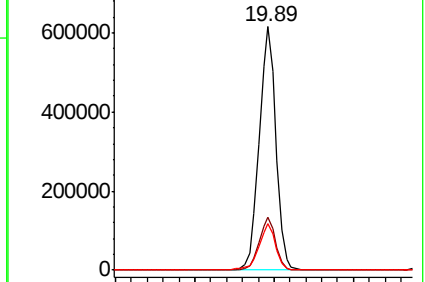
203 18.9 15.2 22.8



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: 73.620 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

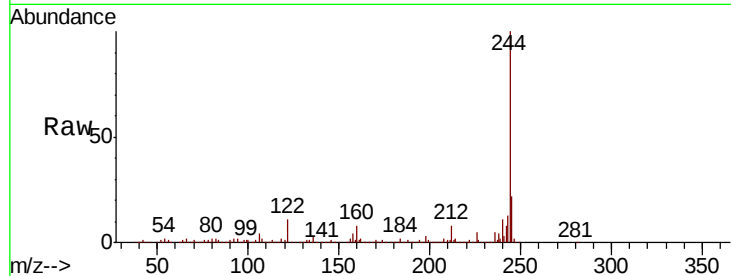
Tot Ion:244 Resp: 1150607

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

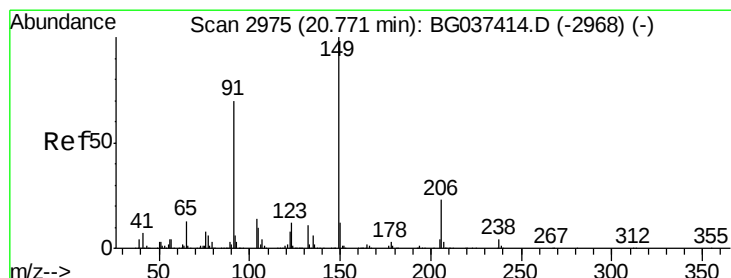
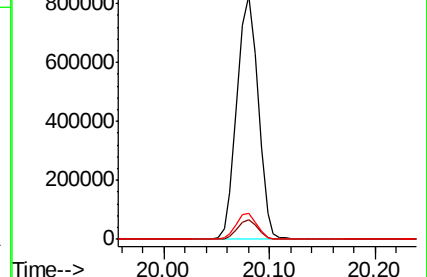
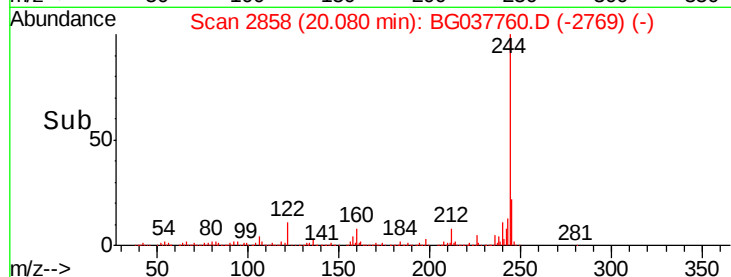
122 10.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.457 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

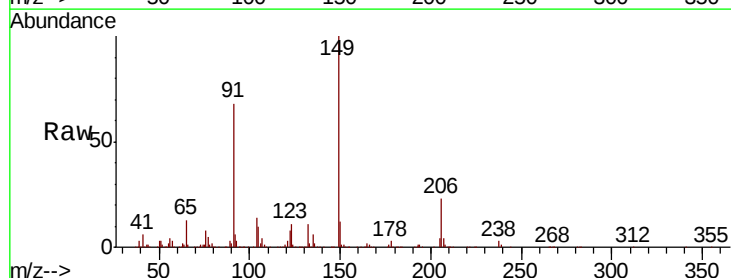
Tgt Ion:149 Resp: 388270

Ion Ratio Lower Upper

149 100

91 68.2 57.0 85.4

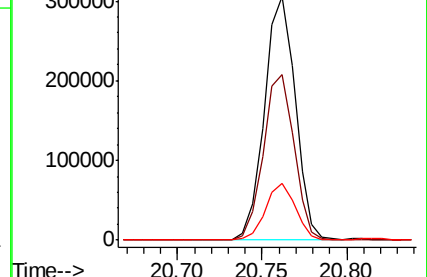
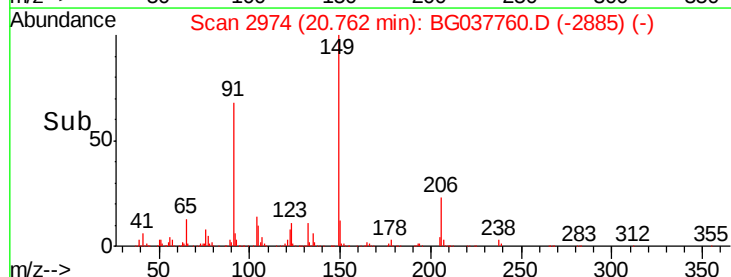
206 23.4 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

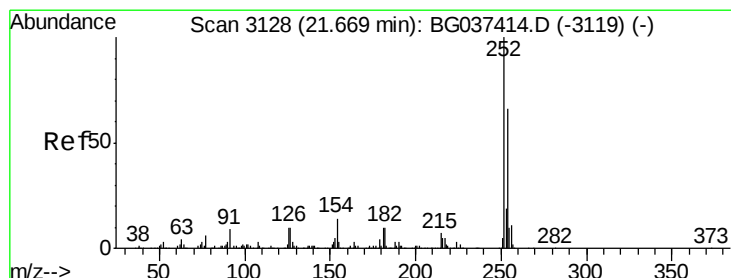
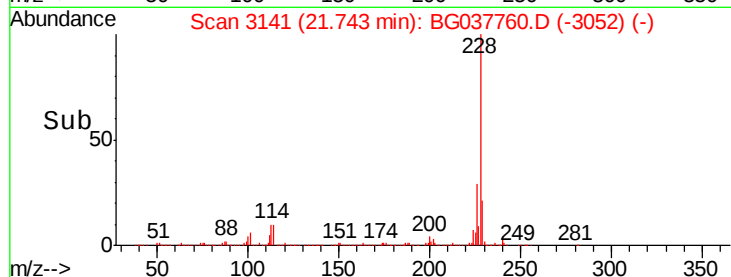
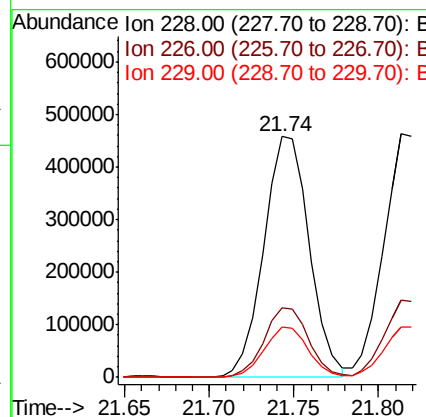
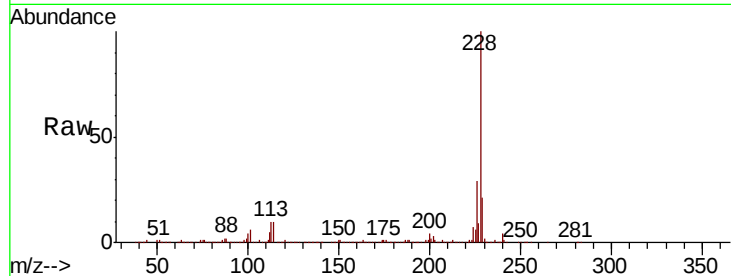




#81
Benzo(a)anthracene
Concen: 43.327 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

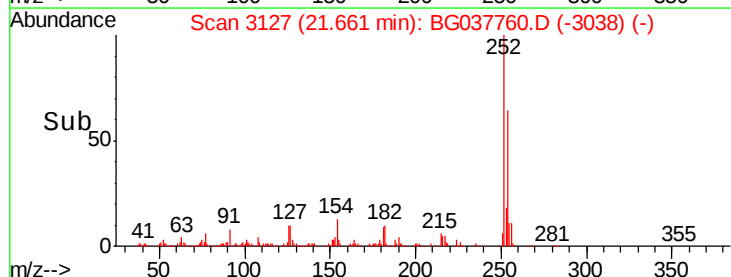
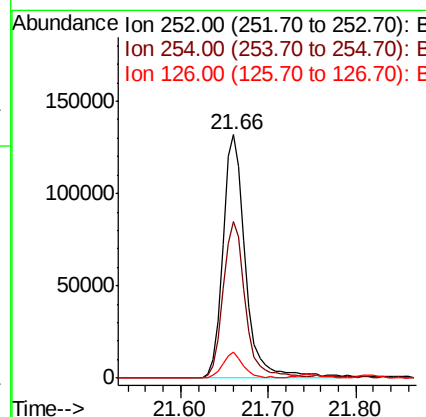
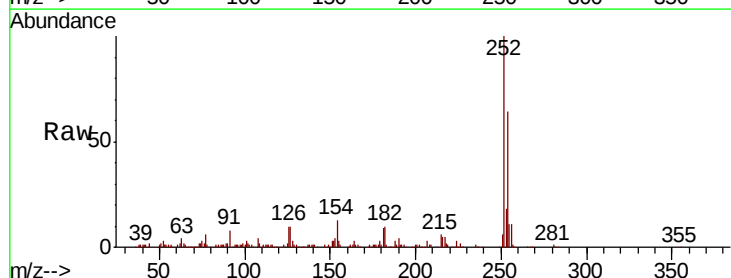
Instrument :
BNA_G
ClientSampleId :
PB114425BS

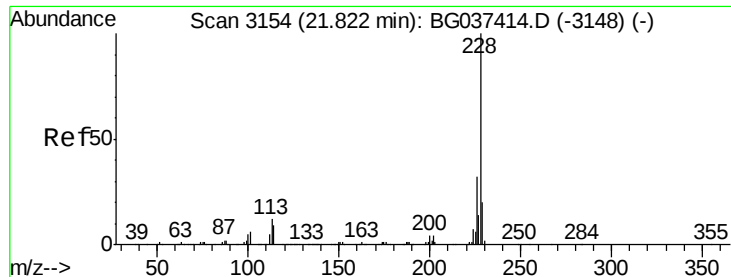
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.7	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.797 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	10.5	8.2	12.4





#83

Chrysene

Concen: 42.443 ng

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

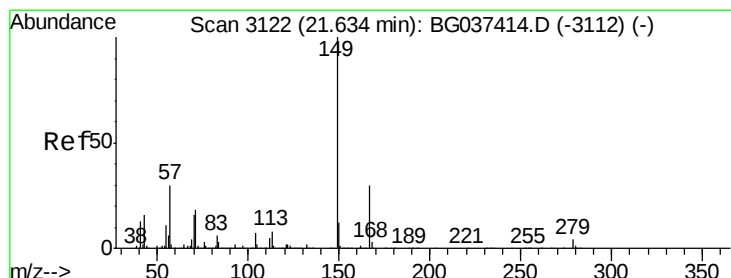
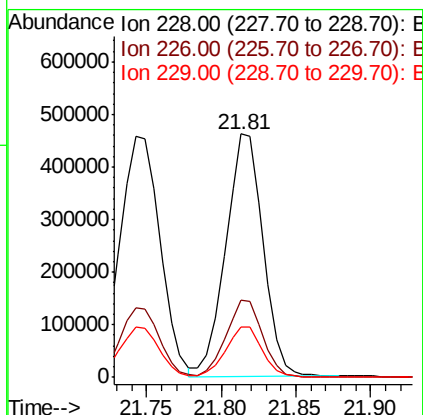
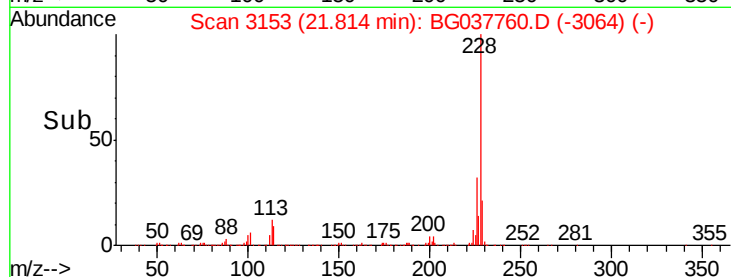
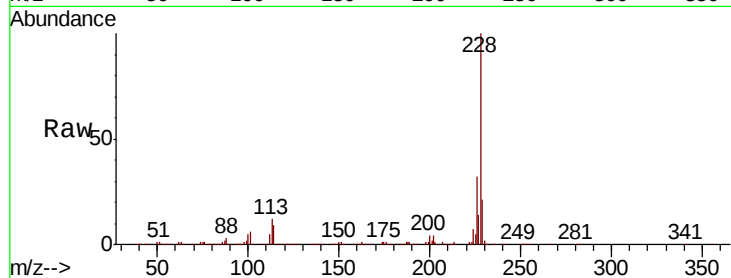
BNA_G

ClientSampleId :

PB114425BS

Tot Ion:228 Resp: 806160

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.7	38.5
229	20.8	16.5	24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.585 ng

RT: 21.62 min Scan# 3120

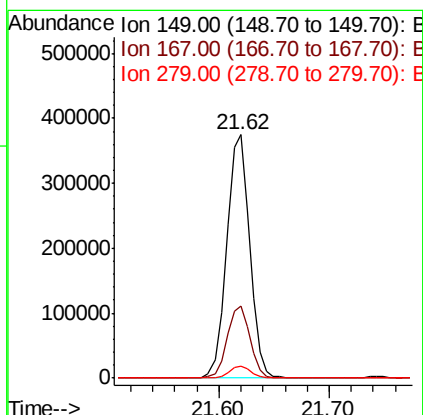
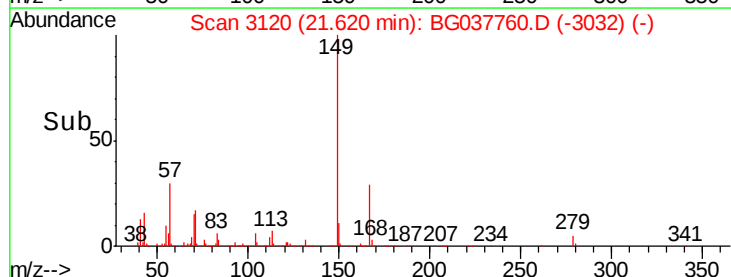
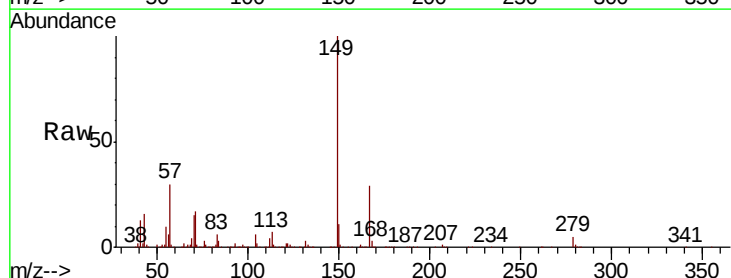
Delta R.T. -0.01 min

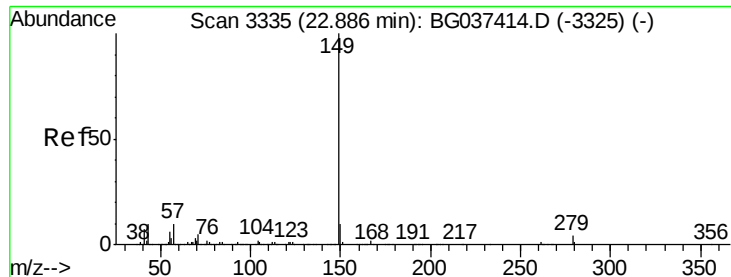
Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Tgt Ion:149 Resp: 545849

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	5.0	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 44.994 ng

RT: 22.86 min Scan# 3331

Delta R.T. -0.03 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

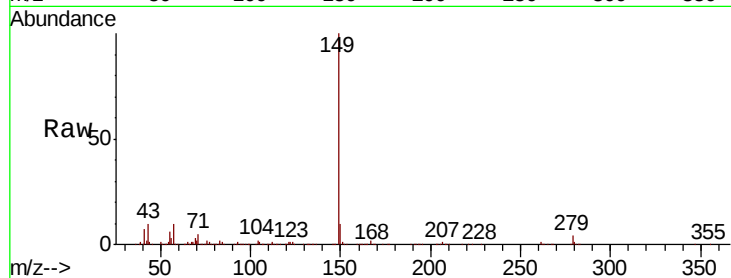
Tot Ion:149 Resp: 918874

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

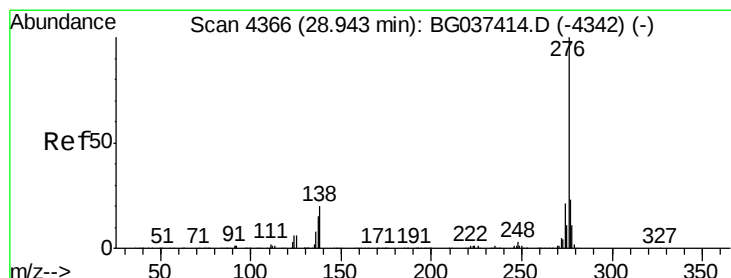
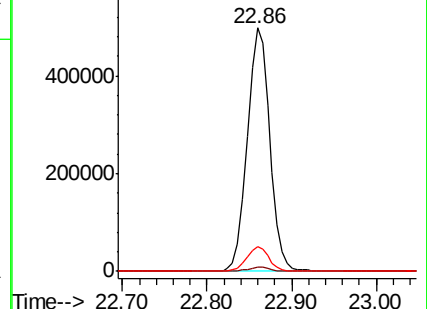
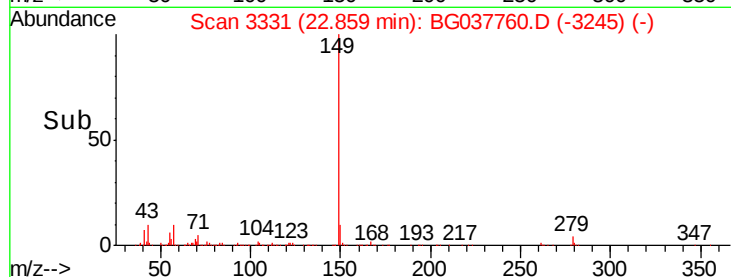
43 9.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.138 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

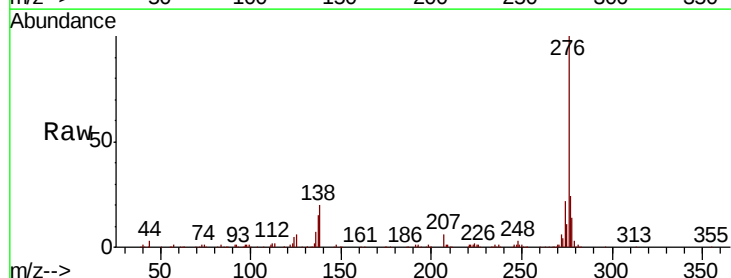
Tgt Ion:276 Resp: 756574

Ion Ratio Lower Upper

276 100

138 15.0 12.0 18.0

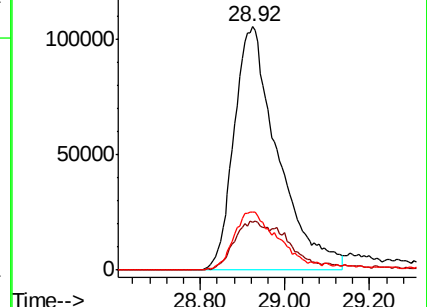
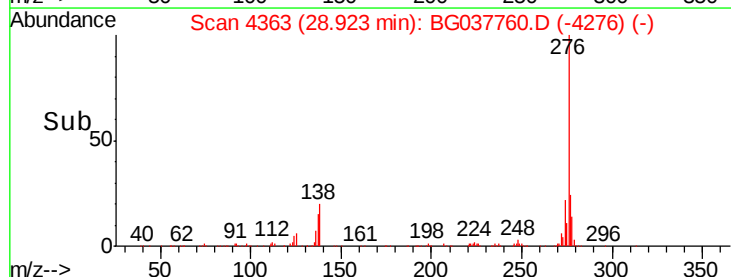
277 24.7 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

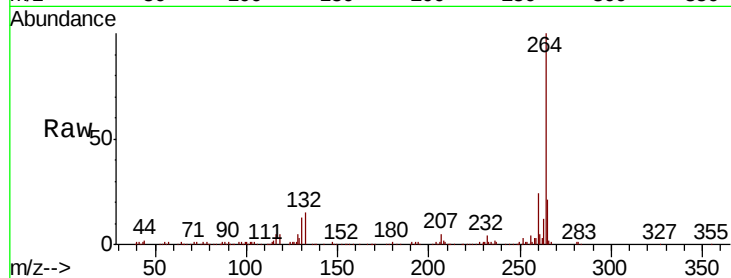




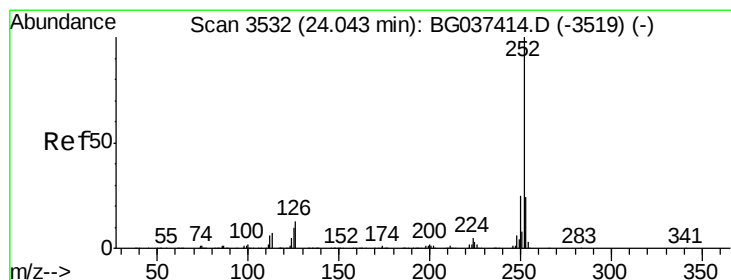
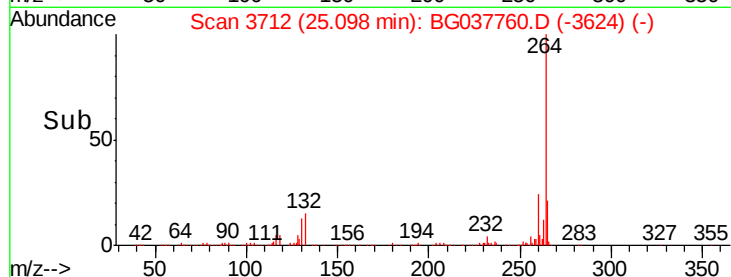
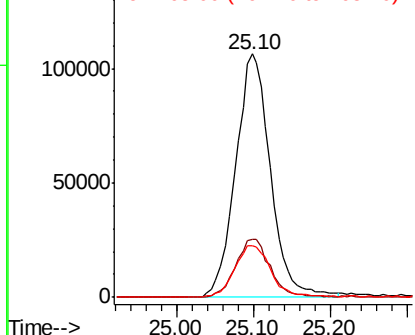
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Instrument :
BNA_G
ClientSampleId :
PB114425BS

Tot Ion:264 Resp: 337227
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 21.2 17.9 26.9

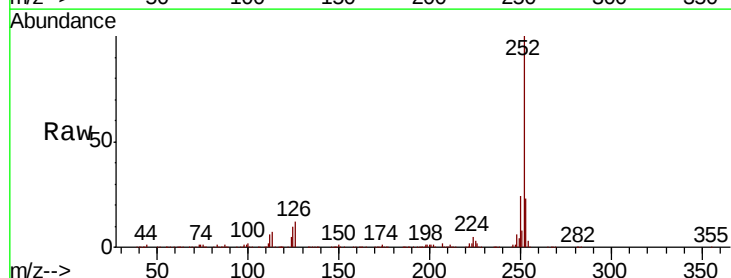


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

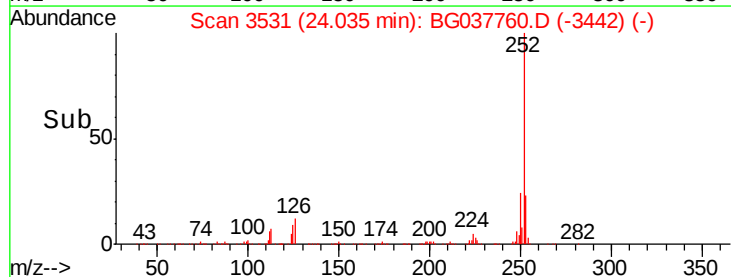
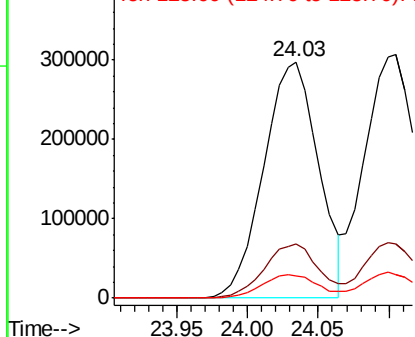


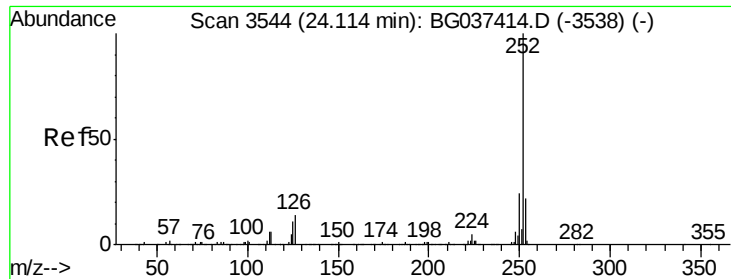
#88
Benzo(b)fluoranthene
Concen: 43.650 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:252 Resp: 807001
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.5 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

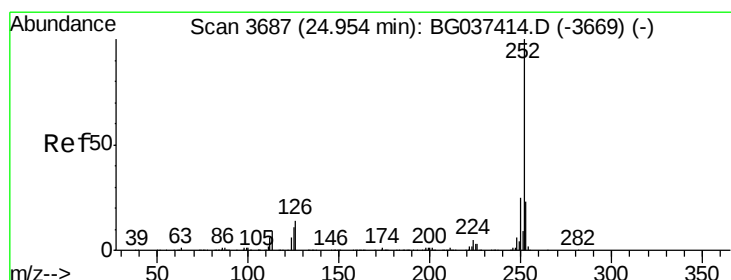
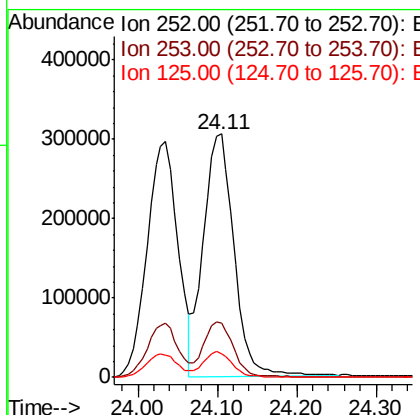
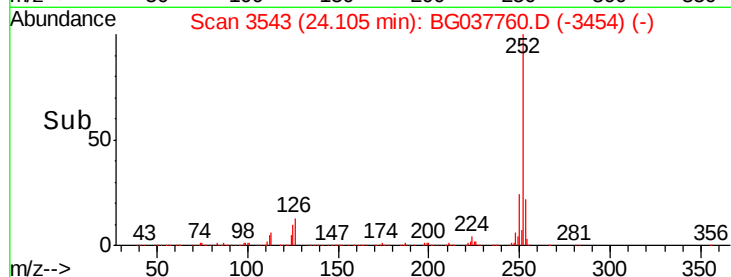
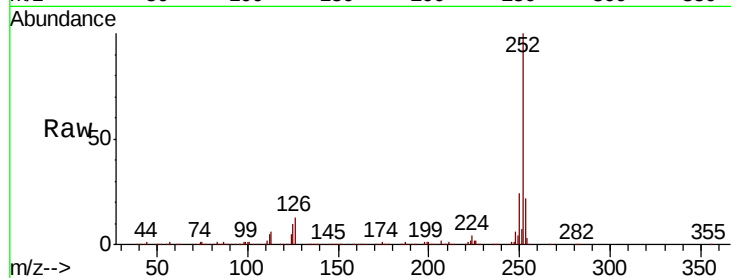




#89
Benzo(k)fluoranthene
Concen: 45.032 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

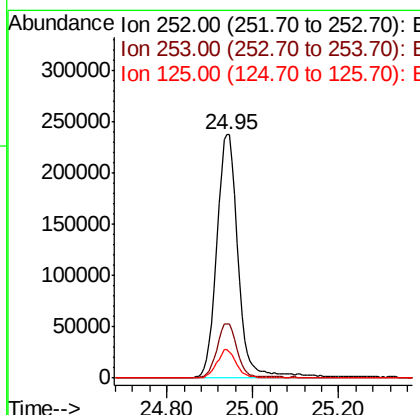
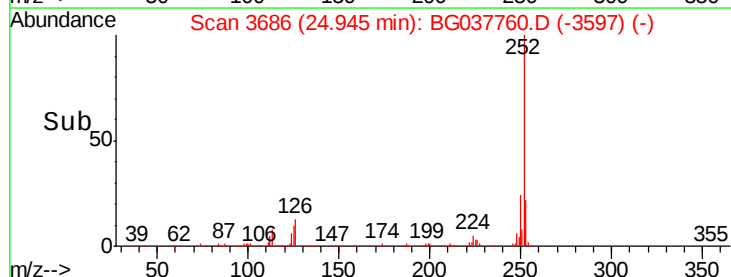
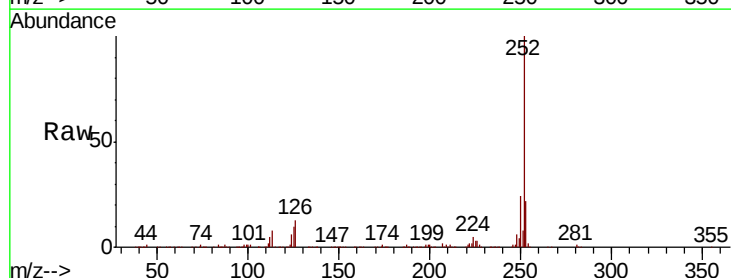
Instrument :
BNA_G
ClientSampleId :
PB114425BS

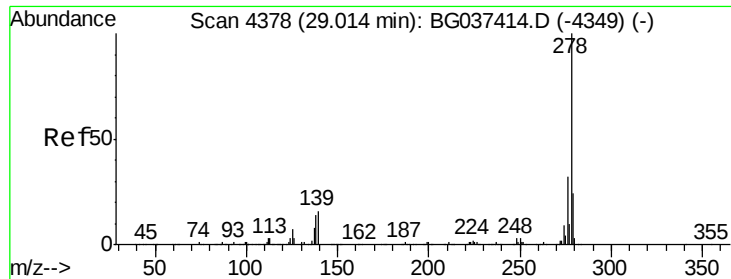
Tot Ion:252 Resp: 815683
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 9.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 45.988 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037760.D
Acq: 2 Nov 2018 18:39

Tgt Ion:252 Resp: 807913
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 10.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 39.268 ng

RT: 28.99 min Scan# 4374

Delta R.T. -0.03 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

Instrument :

BNA_G

ClientSampleId :

PB114425BS

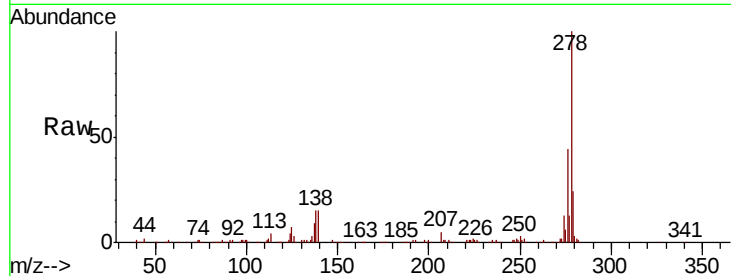
Tot Ion:278 Resp: 636340

Ion Ratio Lower Upper

278 100

139 14.7 11.5 17.3

279 23.8 18.6 27.8

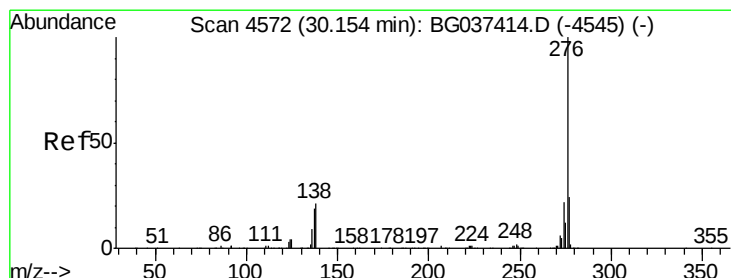
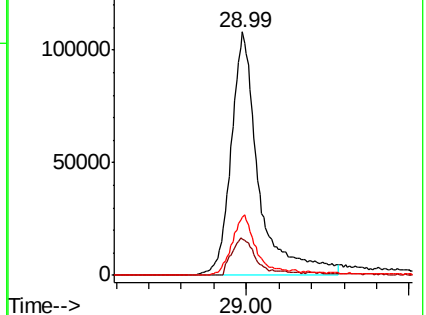
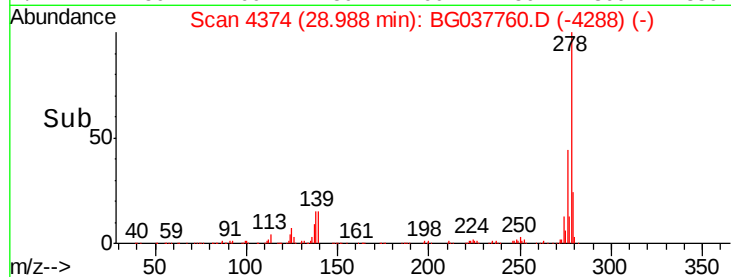


Abundance

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: 37.680 ng

RT: 30.12 min Scan# 4567

Delta R.T. -0.03 min

Lab File: BG037760.D

Acq: 2 Nov 2018 18:39

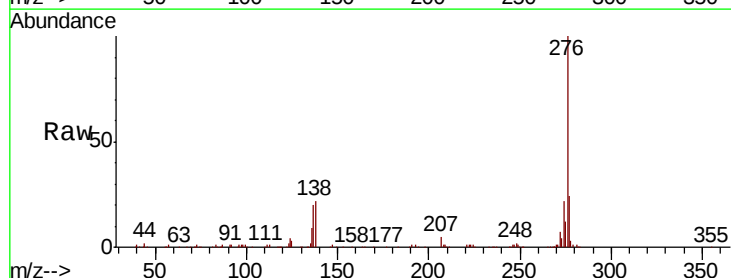
Tgt Ion:276 Resp: 617750

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 21.6 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

