

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
 Data File : BG037669.D
 Acq On : 31 Oct 2018 1:47
 Operator : JU/SJ
 Sample : J5194-08MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Quant Time: Oct 31 08:04:12 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	60298	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	257893	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	171143	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	404699	20.00	ng	0.00
76) Chrysene-d12	21.77	240	355016	20.00	ng	0.00
87) Perylene-d12	25.10	264	364383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	426150	118.16	ng	0.00
7) Phenol-d6	7.25	99	559226	102.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	404672	87.90	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	244671	131.08	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	924439	81.45	ng	0.00
79) Terphenyl-d14	20.08	244	1356692	81.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	51936	28.395	ng	# 85
3) Pyridine	3.95	79	157711	34.211	ng	95
4) n-Nitrosodimethylamine	3.86	42	76242	46.432	ng	# 90
6) Aniline	7.42	93	134374	20.197	ng	96
8) 2-Chlorophenol	7.66	128	200263	47.464	ng	99
9) Benzaldehyde	7.24	77	81855	23.994	ng	98
10) Phenol	7.28	94	233996	40.665	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	191104	43.727	ng	95
12) 1,3-Dichlorobenzene	7.99	146	203060	43.230	ng	98
13) 1,4-Dichlorobenzene	8.13	146	208190	43.330	ng	99
14) 1,2-Dichlorobenzene	8.46	146	194946	42.179	ng	98
15) Benzyl Alcohol	8.34	79	190087	47.171	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	345041	44.124	ng	97
17) 2-Methylphenol	8.53	107	182250	47.907	ng	99
18) Hexachloroethane	9.19	117	72005	43.958	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	164732	43.864	ng	93
20) 3+4-Methylphenols	8.86	107	250739	46.100	ng	98
22) Acetophenone	8.93	105	310878	48.065	ng	# 97
24) Nitrobenzene	9.32	77	238431	49.855	ng	95
25) Isophorone	9.84	82	475244	56.498	ng	96
26) 2-Nitrophenol	10.03	139	119519	55.474	ng	96
27) 2,4-Dimethylphenol	10.07	122	218865	56.895	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	281421	51.064	ng	98
29) 2,4-Dichlorophenol	10.56	162	226765	52.945	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	213557	45.850	ng	98
31) Naphthalene	10.97	128	649282	51.258	ng	100
32) Benzoic acid	10.20	122	113282	45.339	ng	98
33) 4-Chloroaniline	11.08	127	30756	5.168	ng	97
34) Hexachlorobutadiene	11.24	225	125641	45.514	ng	98
35) Caprolactam	11.87	113	39267	22.859	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	249785	51.712	ng	97
37) 2-Methylnaphthalene	12.57	142	490370	53.106	ng	100
38) 1-Methylnaphthalene	12.79	142	470492	52.467	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255424	46.270	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	261353	99.114	ng	97
43) 2,4,6-Trichlorophenol	13.17	196	192087	52.084	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	206782	51.497	ng	95
46) 1,1'-Biphenyl	13.57	154	635429	44.832	ng	99
47) 2-Chloronaphthalene	13.62	162	507176	47.298	ng	99
48) 2-Nitroaniline	13.83	65	172571	53.070	ng	96
49) Acenaphthylene	14.46	152	838277	51.969	ng	99
50) Dimethylphthalate	14.19	163	667397	50.408	ng	99
51) 2,6-Dinitrotoluene	14.32	165	154755	52.837	ng	96
52) Acenaphthene	14.80	154	486638	48.987	ng	98
53) 3-Nitroaniline	14.64	138	85168	26.193	ng	96
54) 2,4-Dinitrophenol	14.85	184	64310	59.665	ng	96
55) Dibenzofuran	15.13	168	794278	48.258	ng	99
56) 4-Nitrophenol	14.94	139	287440	119.429	ng	99
57) 2,4-Dinitrotoluene	15.10	165	211926	55.121	ng	97
58) Fluorene	15.78	166	632846	51.345	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	181276	52.727	ng	99
60) Diethylphthalate	15.54	149	675090	49.665	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	334839	46.609	ng	98
62) 4-Nitroaniline	15.81	138	155477	48.121	ng	90
63) Azobenzene	16.06	77	641463	49.461	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77199	38.416	ng	97
66) n-Nitrosodiphenylamine	15.98	169	576914	47.391	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	212157	47.737	ng	99
68) Hexachlorobenzene	16.77	284	212065	46.040	ng	99
69) Atrazine	16.93	200	217165	49.341	ng	99
70) Pentachlorophenol	17.12	266	224308	72.702	ng	97
71) Phenanthrene	17.52	178	1033758	50.260	ng	98
72) Anthracene	17.62	178	1046577	51.850	ng	98
73) Carbazole	17.89	167	948978	47.001	ng	99
74) Di-n-butylphthalate	18.42	149	1121056	49.913	ng	99
75) Fluoranthene	19.53	202	1173087	50.287	ng	98
77) Benzidine	19.72	184	105377	8.729	ng	99
78) Pyrene	19.89	202	1164310	50.169	ng	100
80) Butylbenzylphthalate	20.76	149	510986	53.799	ng	99
81) Benzo(a)anthracene	21.75	228	1097627	52.271	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	195835	24.060	ng	98
83) Chrysene	21.82	228	1026605	50.842	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	714925	53.699	ng	98
85) Di-n-octyl phthalate	22.86	149	1202967	55.411	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	1053898	48.663	ng	98
88) Benzo(b)fluoranthene	24.03	252	1082246	54.175	ng	98
89) Benzo(k)fluoranthene	24.10	252	1042047	53.242	ng	97
90) Benzo(a)pyrene	24.94	252	1042799	54.934	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	875312	49.989	ng	98
92) Benzo(g,h,i)perylene	30.14	276	841615	47.509	ng	99

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

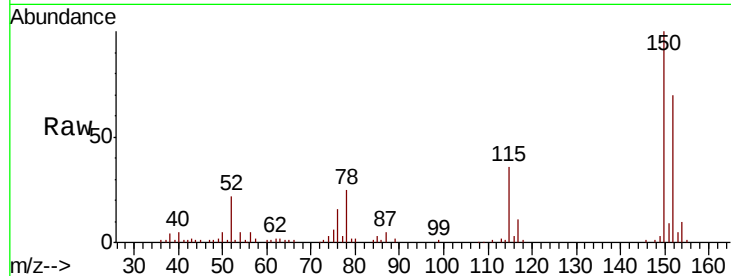


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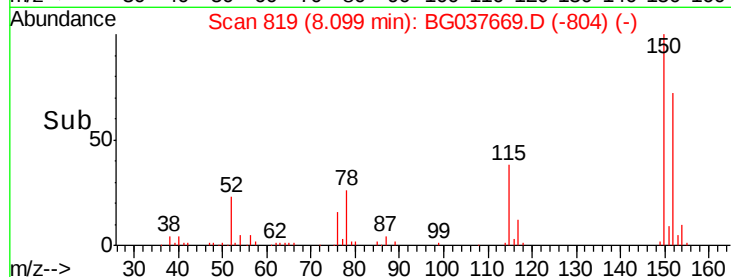
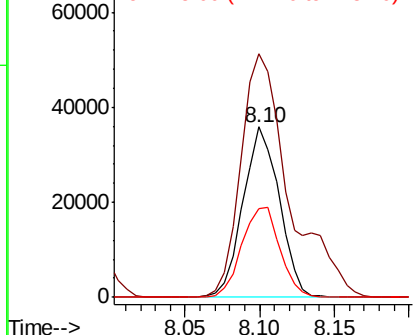
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion:152 Resp: 60298
Ion Ratio Lower Upper
152 100
150 143.2 126.0 189.0
115 52.0 45.5 68.3



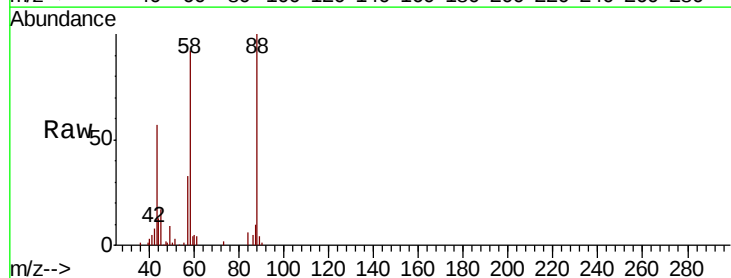
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



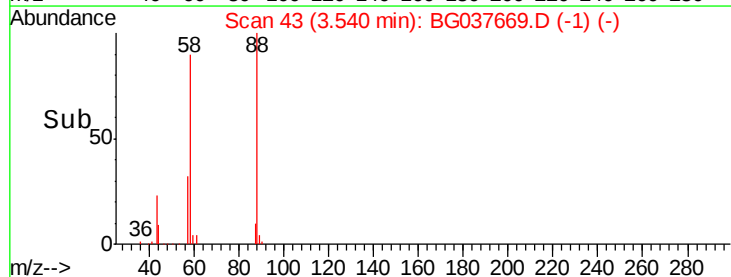
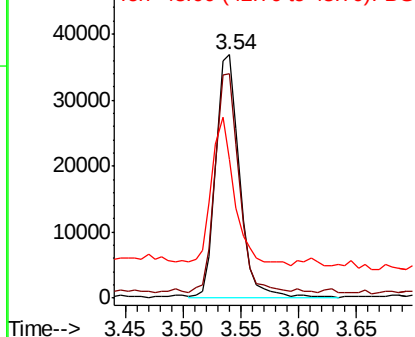
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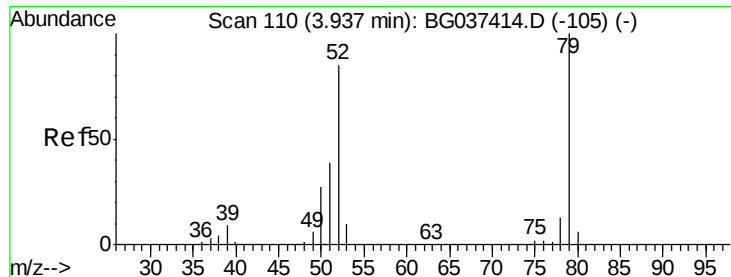
1,4-Dioxane
Concen: 28.395 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 88 Resp: 51936
Ion Ratio Lower Upper
88 100
58 90.6 74.4 111.6
43 60.8 25.8 38.8#



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





#3

Pyridine

Concen: 34.211 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

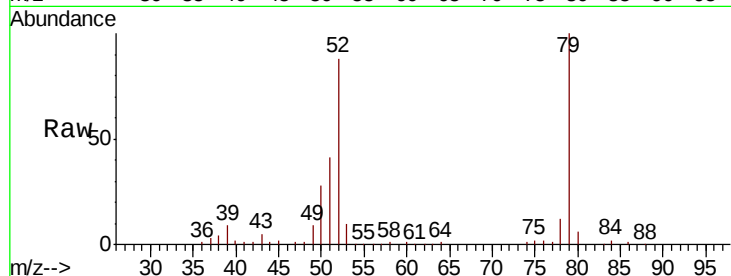
Tgt Ion: 79 Resp: 157711

Ion Ratio Lower Upper

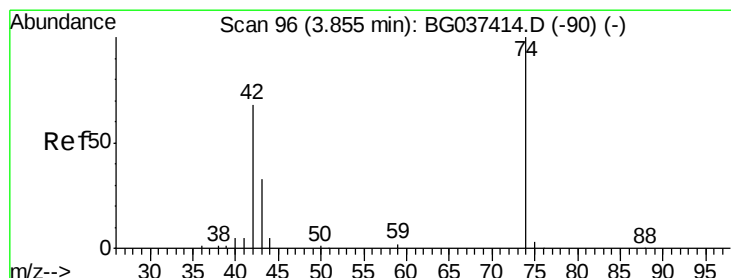
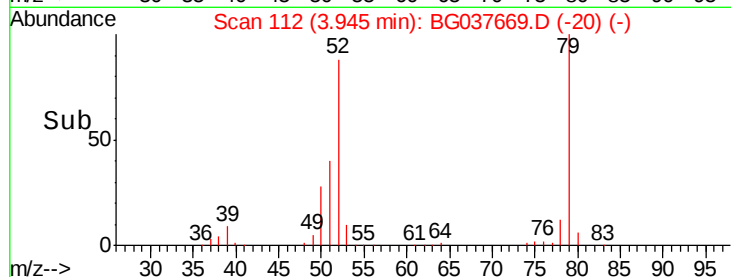
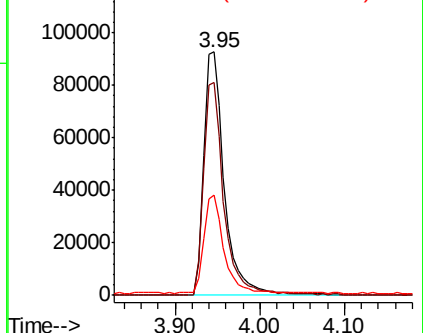
79 100

52 87.7 74.2 111.2

51 41.0 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 46.432 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

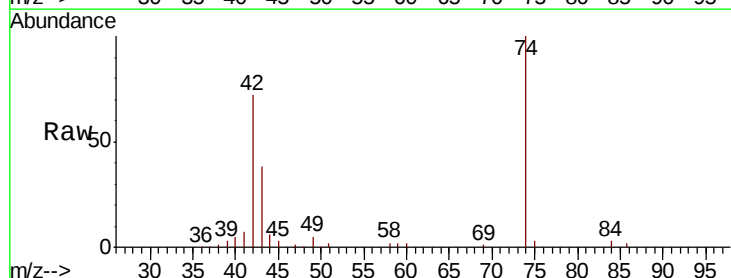
Tgt Ion: 42 Resp: 76242

Ion Ratio Lower Upper

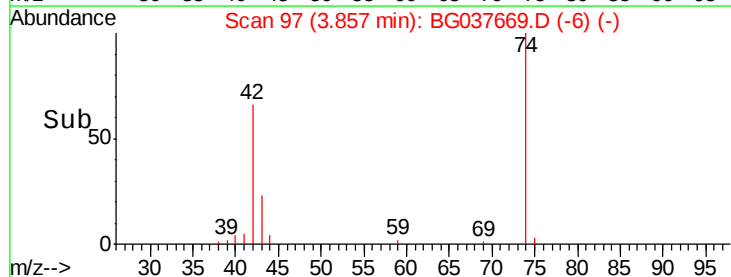
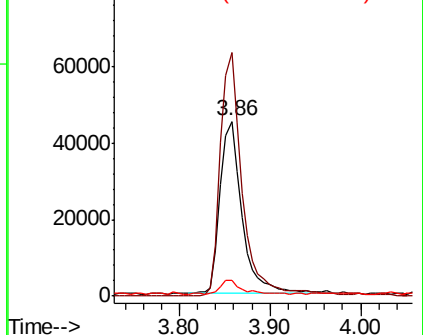
42 100

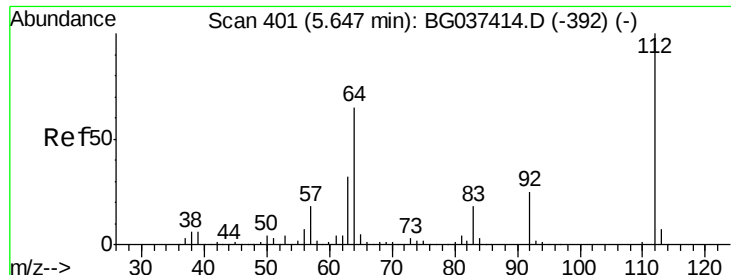
74 139.3 102.0 153.0

44 8.8 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 118.157 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

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ClientSampleId :

HR-05-102618-AMSD

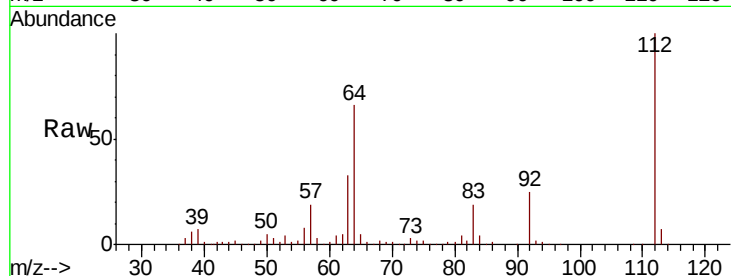
Tgt Ion: 112 Resp: 426150

Ion Ratio Lower Upper

112 100

64 65.5 53.1 79.7

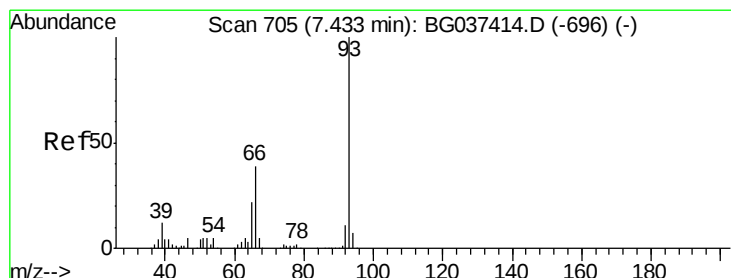
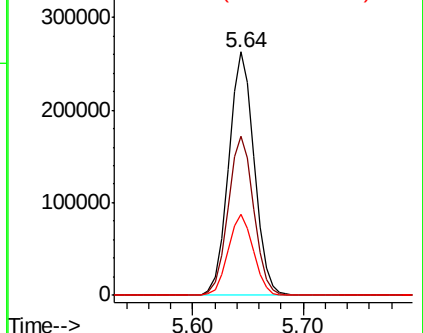
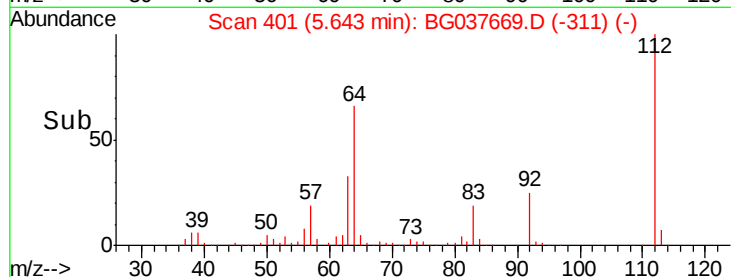
63 33.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.197 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

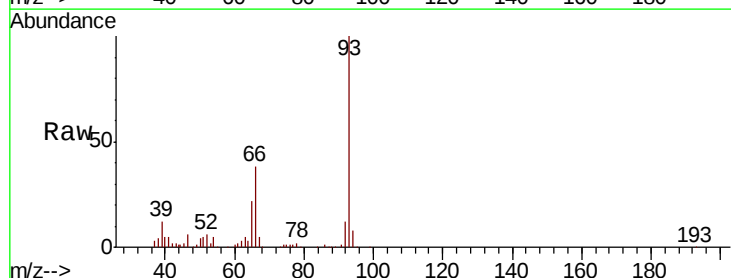
Tgt Ion: 93 Resp: 134374

Ion Ratio Lower Upper

93 100

66 37.6 32.8 49.2

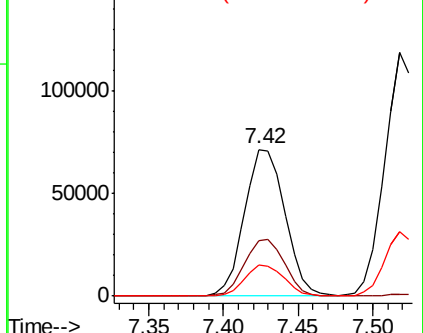
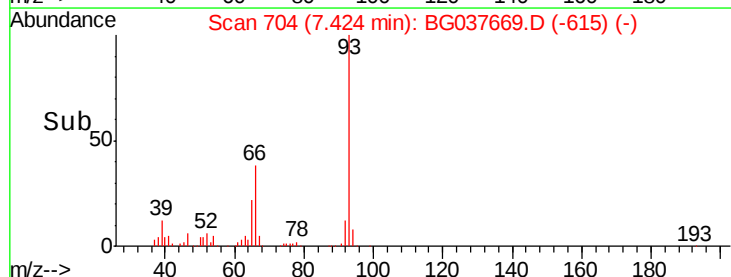
65 21.6 16.4 24.6



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: 102.540 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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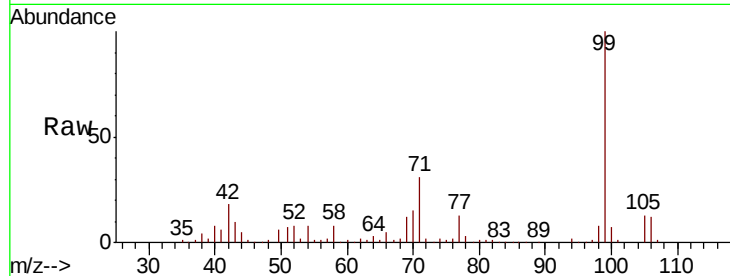
Tgt Ion: 99 Resp: 559226

Ion Ratio Lower Upper

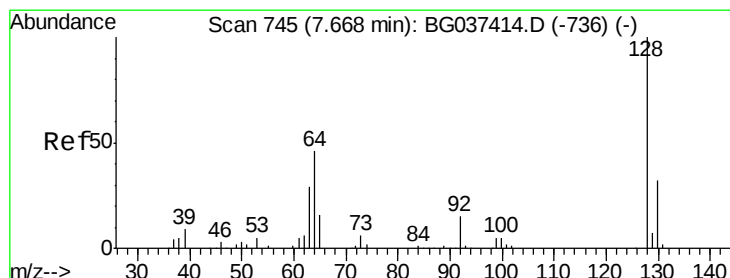
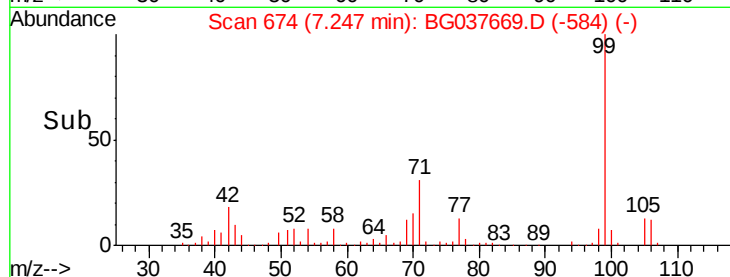
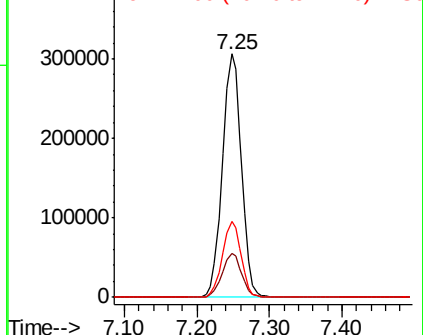
99 100

42 17.8 15.0 22.4

71 31.2 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: 47.464 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

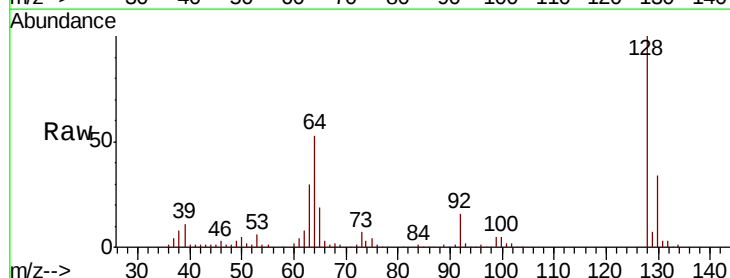
Tgt Ion: 128 Resp: 200263

Ion Ratio Lower Upper

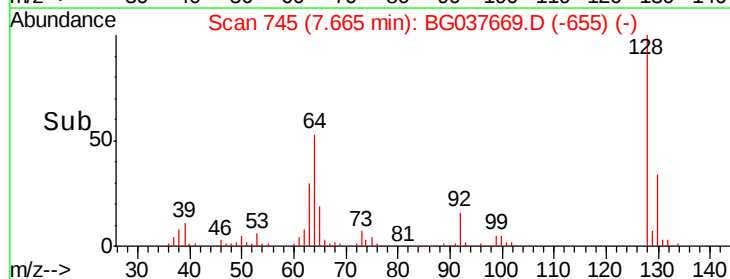
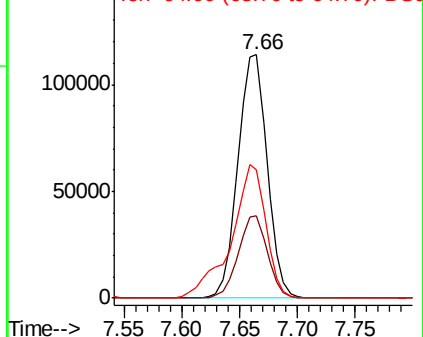
128 100

130 33.6 12.0 52.0

64 52.8 32.9 72.9



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





#9

Benzaldehyde

Concen: 23.994 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

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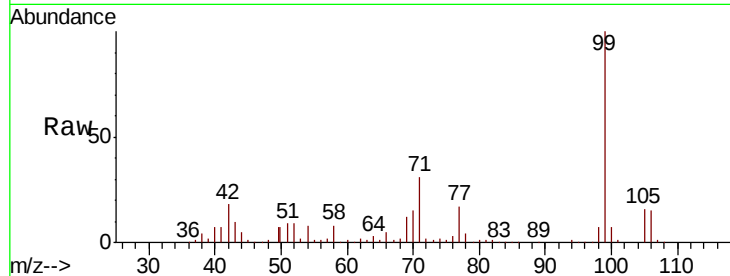
Tgt Ion: 77 Resp: 81855

Ion Ratio Lower Upper

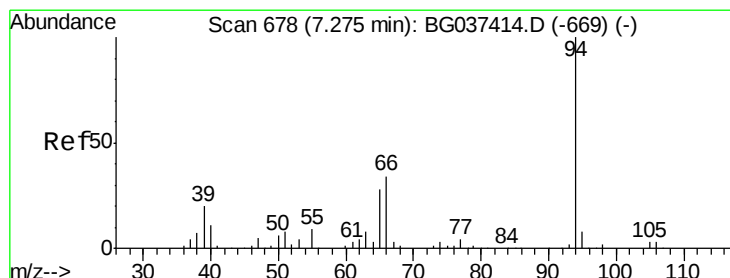
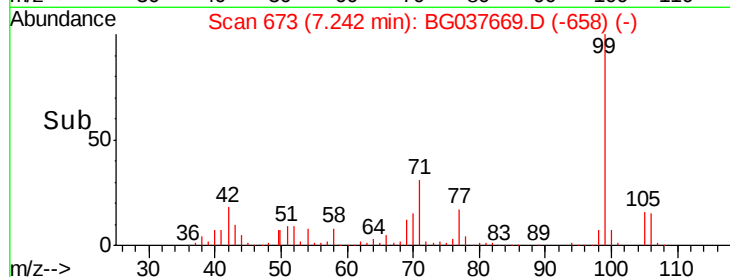
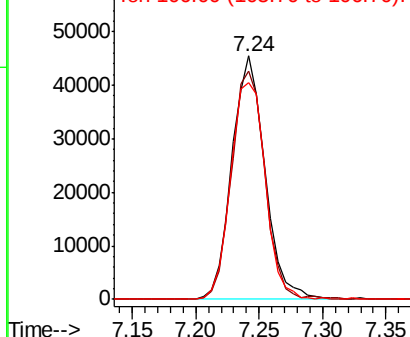
77 100

105 93.7 72.6 112.6

106 89.2 71.3 111.3



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



#10

Phenol

Concen: 40.665 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

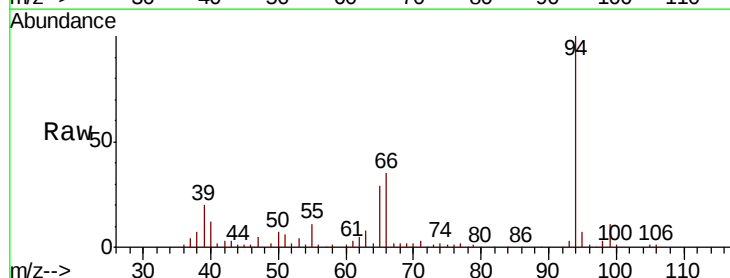
Tgt Ion: 94 Resp: 233996

Ion Ratio Lower Upper

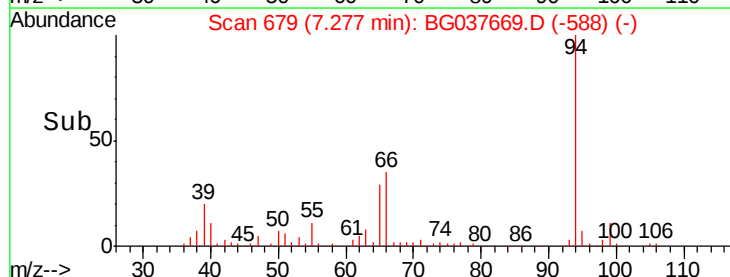
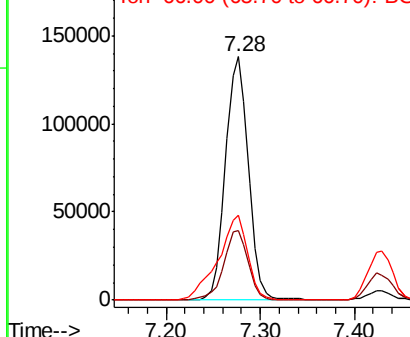
94 100

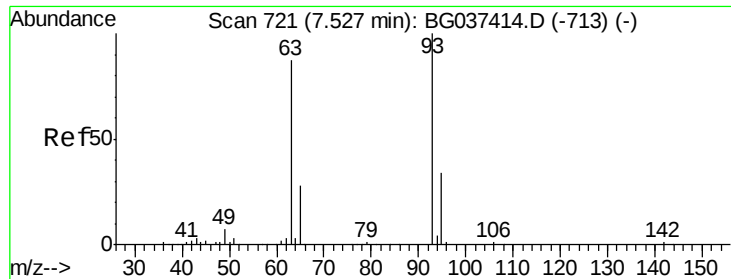
65 28.8 9.7 49.7

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

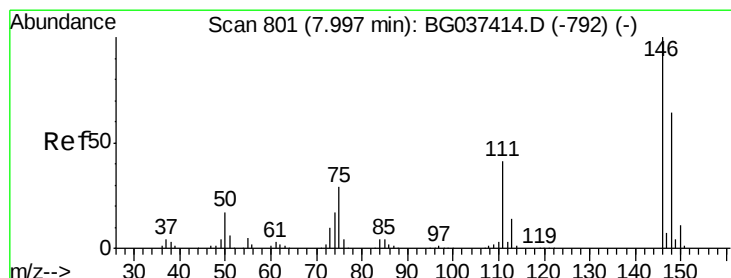
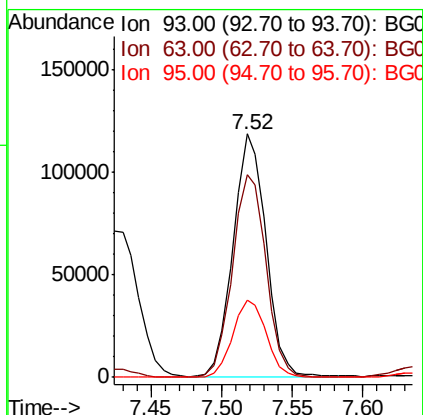
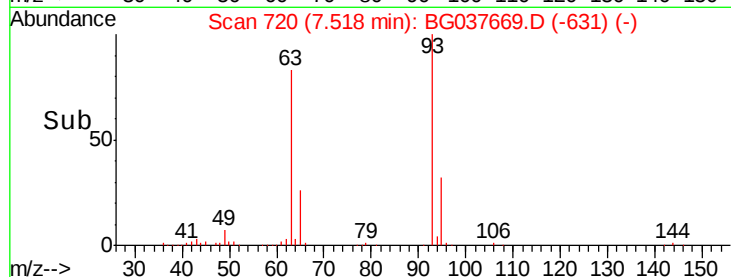
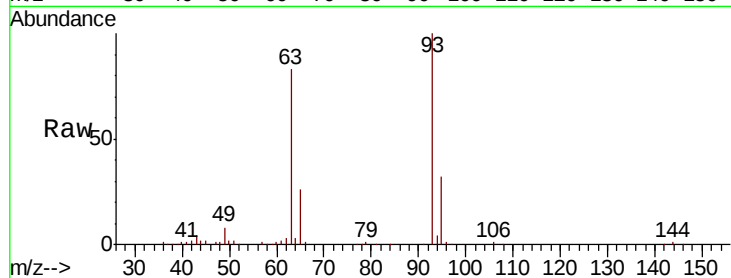




#11
bis(2-Chloroethyl)ether
Concen: 43.727 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

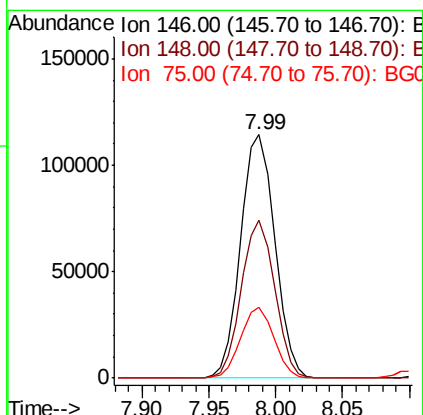
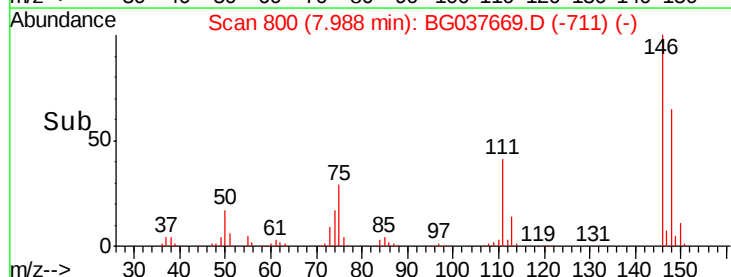
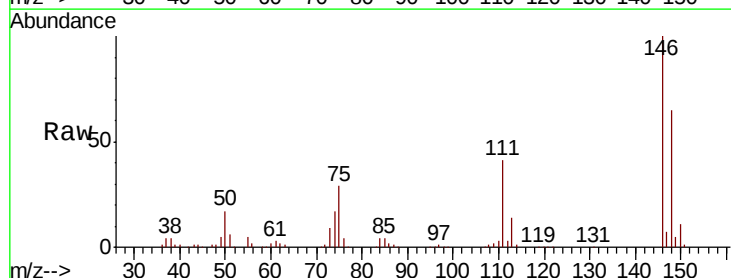
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion: 93 Resp: 191104
Ion Ratio Lower Upper
93 100
63 83.4 69.5 109.5
95 31.9 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 43.230 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 146 Resp: 203060
Ion Ratio Lower Upper
146 100
148 64.7 49.8 74.8
75 29.3 23.2 34.8

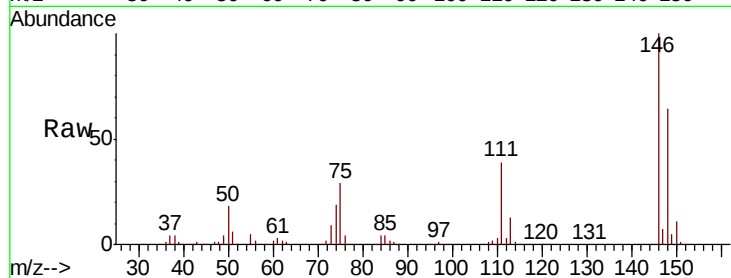




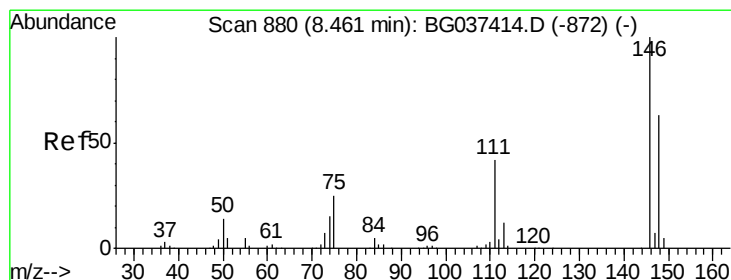
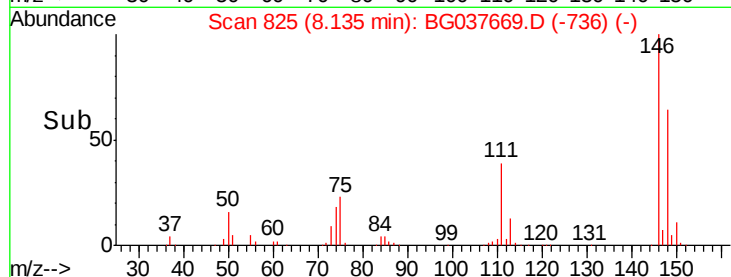
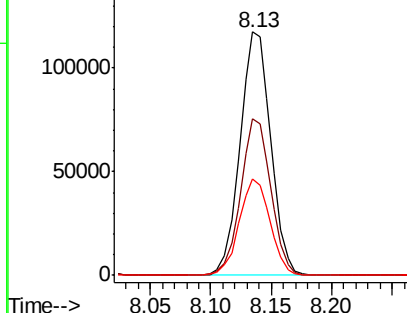
#13
 1,4-Dichlorobenzene
 Concen: 43.330 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion:146 Resp: 208190
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 111 39.5 32.4 48.6

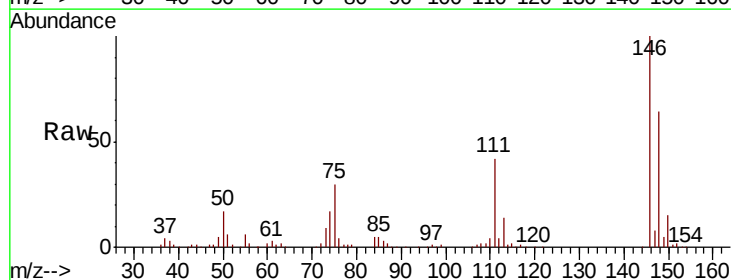


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

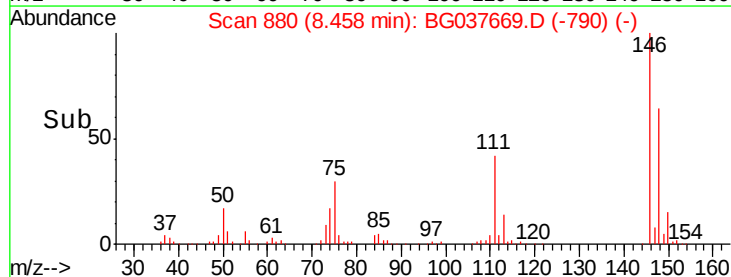
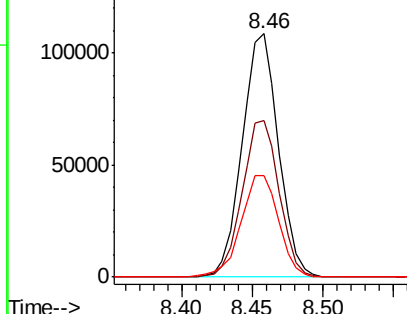


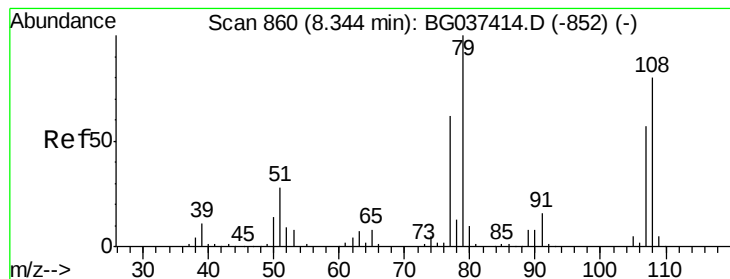
#14
 1,2-Dichlorobenzene
 Concen: 42.179 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion:146 Resp: 194946
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 42.0 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 47.171 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

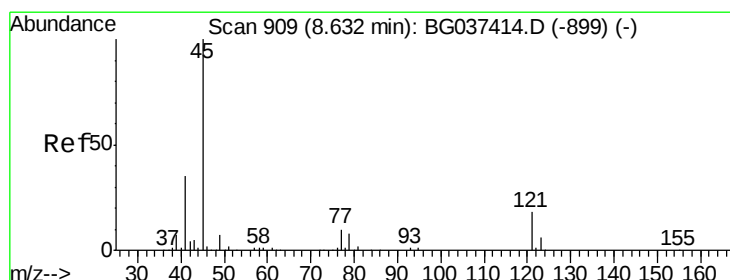
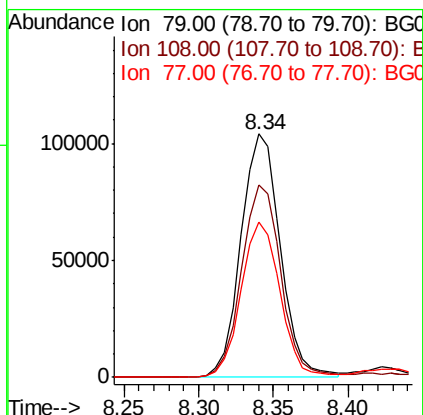
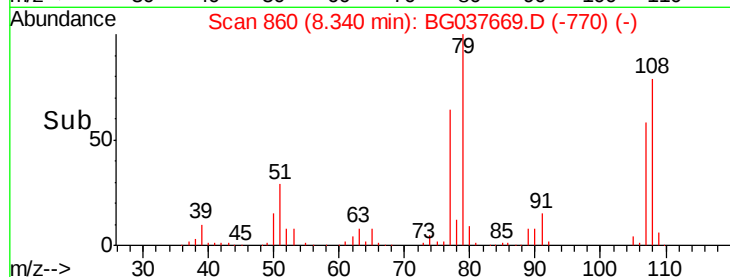
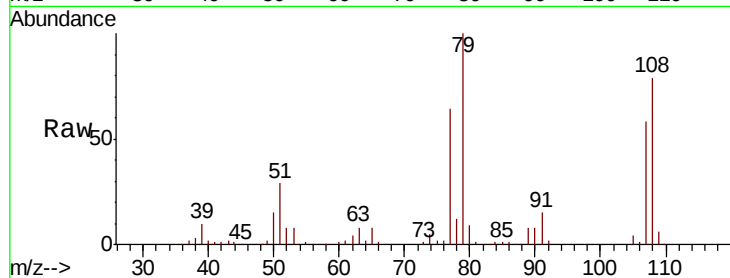
Tgt Ion: 79 Resp: 190087

Ion Ratio Lower Upper

79 100

108 79.1 65.8 98.8

77 64.0 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.124 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

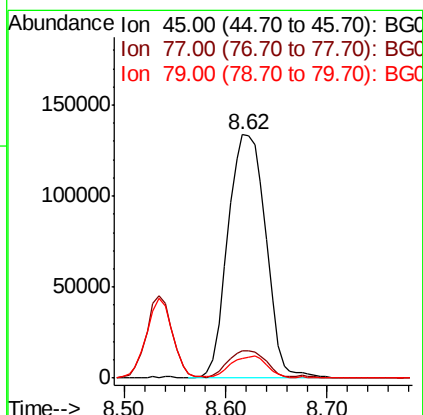
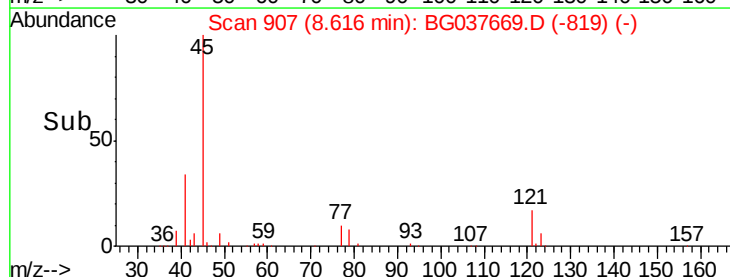
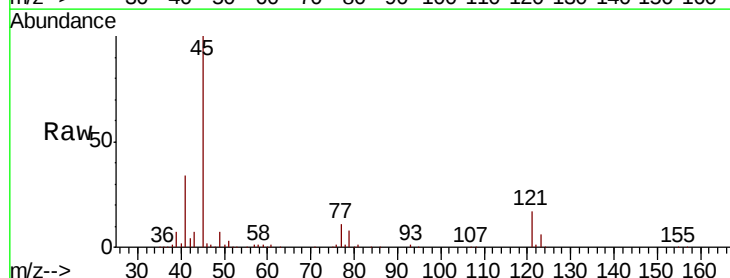
Tgt Ion: 45 Resp: 345041

Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.0

79 8.3 0.0 29.0

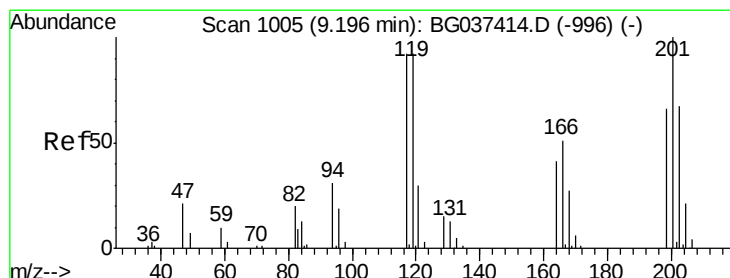
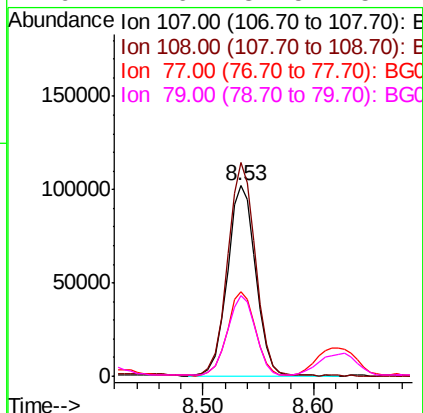
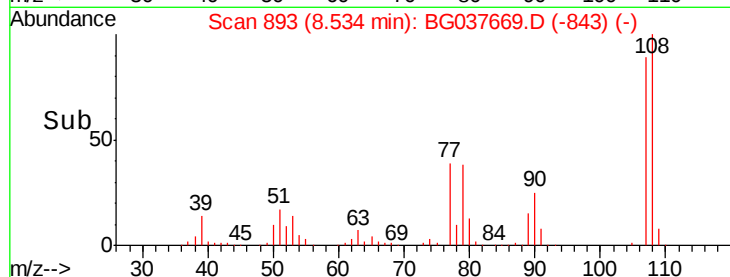
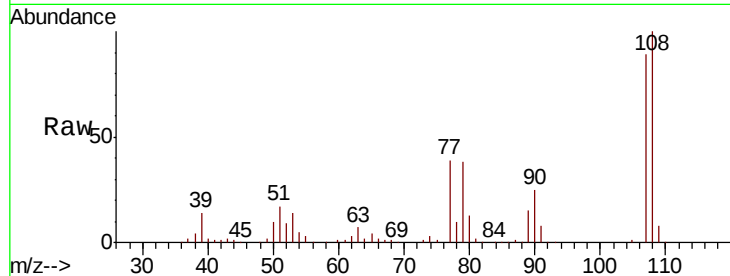




#17
2-Methylphenol
Concen: 47.907 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

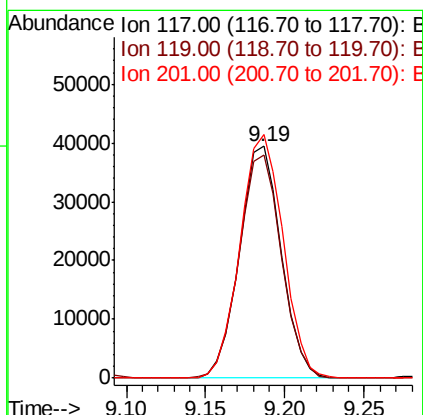
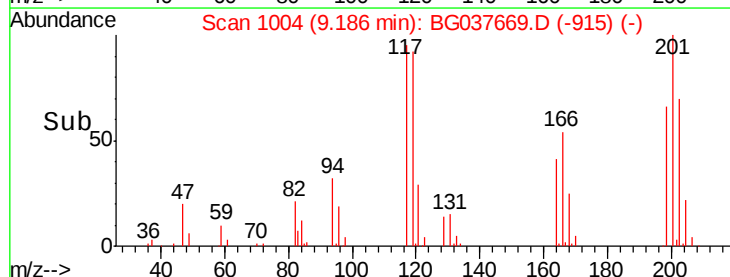
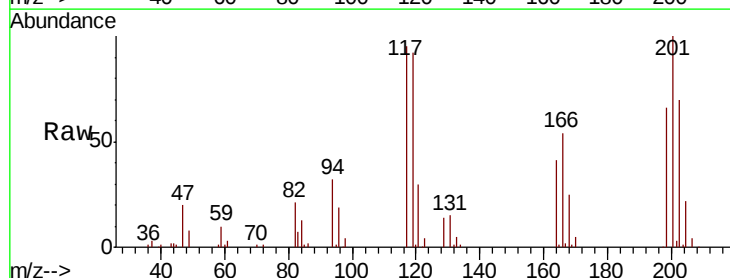
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

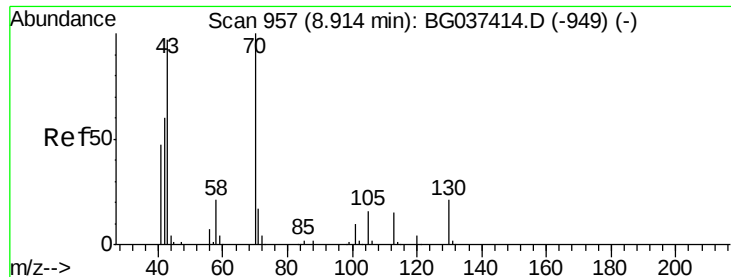
Tgt Ion:	107	Resp:	182250
Ion	Ratio	Lower	Upper
107	100		
108	112.1	87.9	131.9
77	44.2	35.1	52.7
79	42.6	34.5	51.7



#18
Hexachloroethane
Concen: 43.958 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:	117	Resp:	72005
Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.6	111.8
201	108.0	80.8	121.2

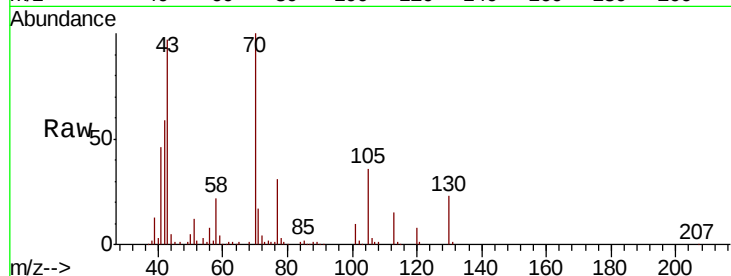




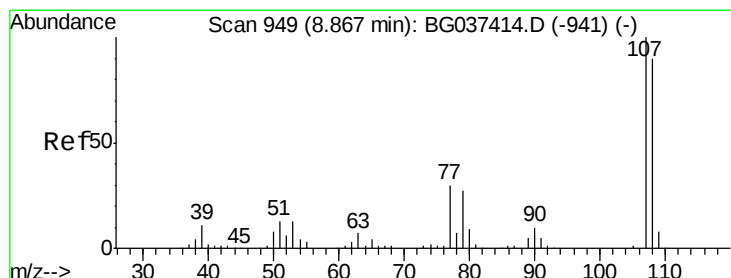
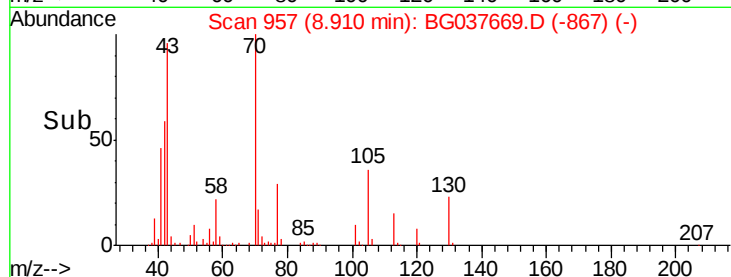
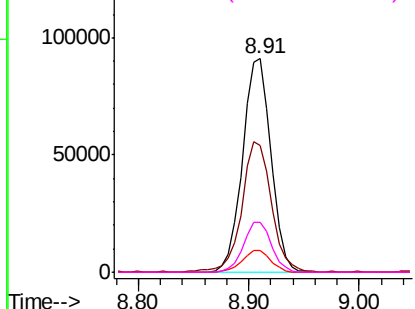
#19
n-Nitroso-di-n-propylamine
Concen: 43.864 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion: 70 Resp: 164732
Ion Ratio Lower Upper
70 100
42 59.2 53.9 80.9
101 10.2 8.2 12.2
130 23.2 18.2 27.4

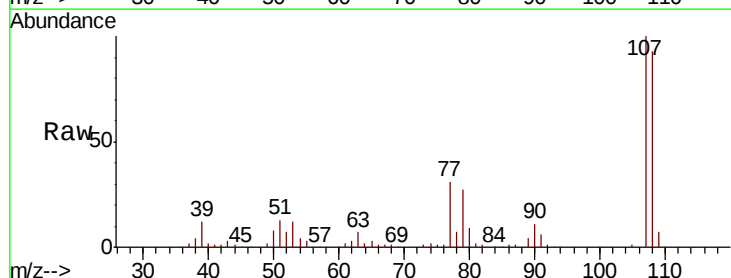


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

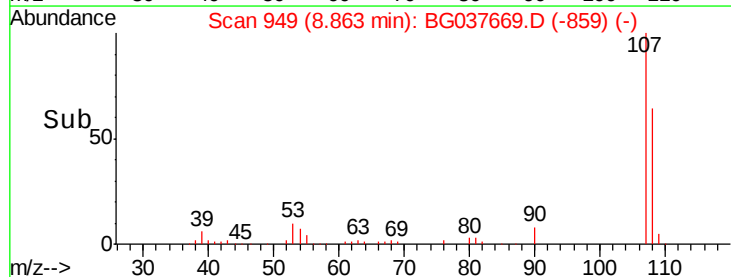
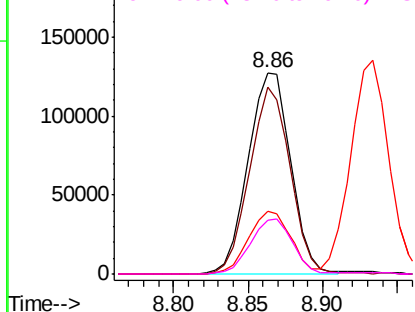


#20
3+4-Methylphenols
Concen: 46.100 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 107 Resp: 250739
Ion Ratio Lower Upper
107 100
108 92.8 69.9 109.9
77 31.5 11.2 51.2
79 27.0 6.6 46.6



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

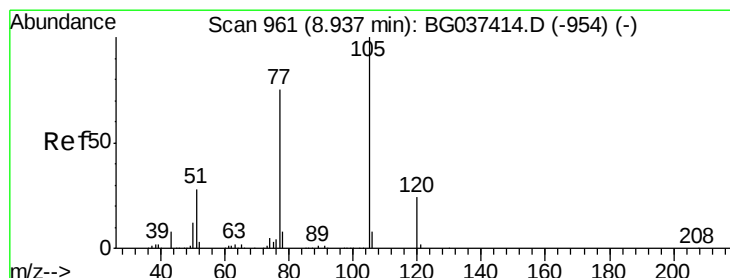
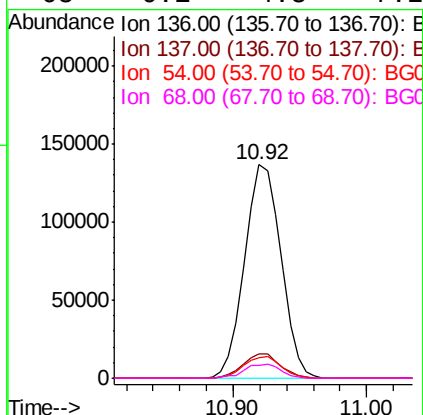
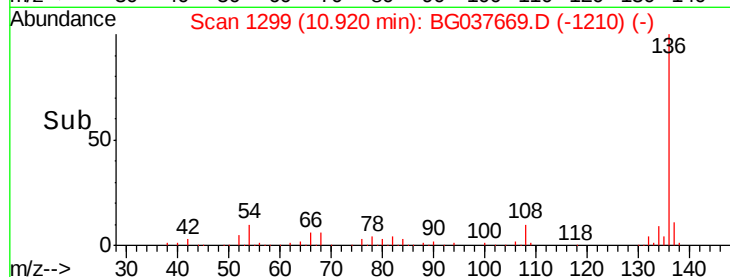
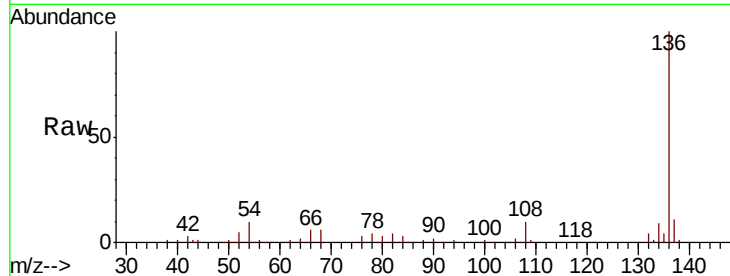




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

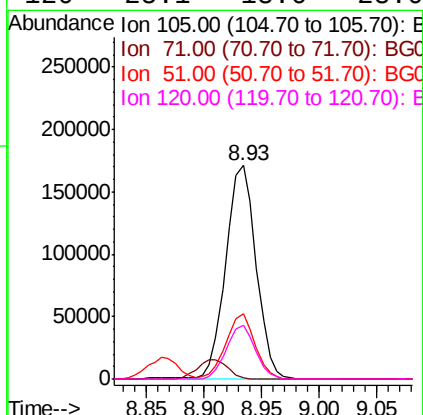
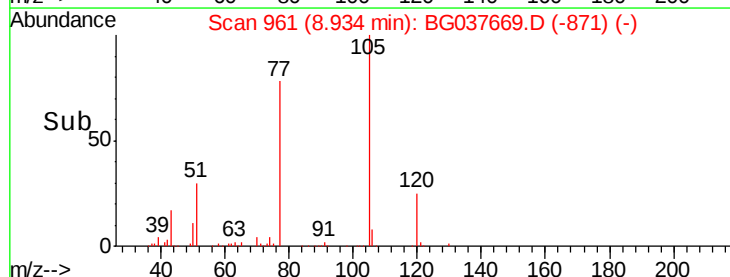
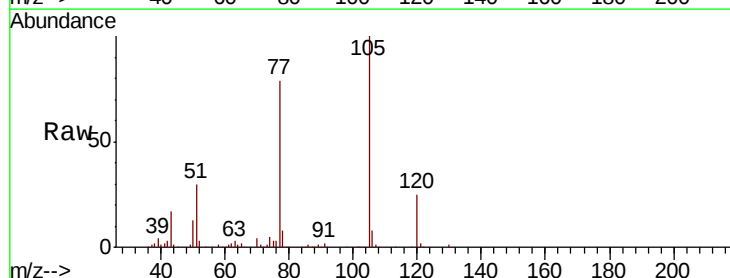
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion:	136	Resp:	257893
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.8	7.9	11.9
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 48.065 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:	105	Resp:	310878
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	30.3	25.0	37.6
120	25.1	18.6	28.0

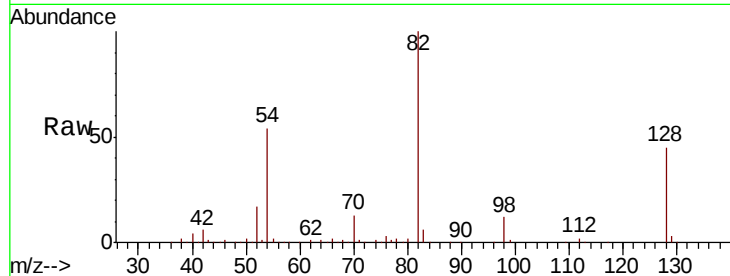




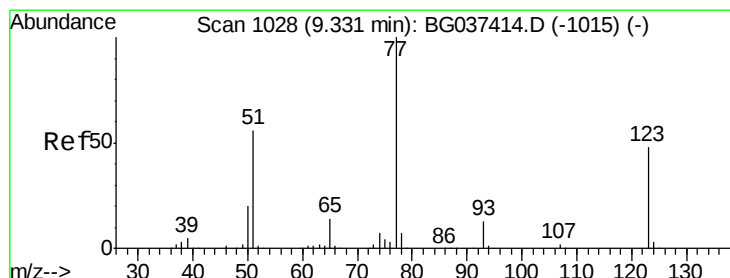
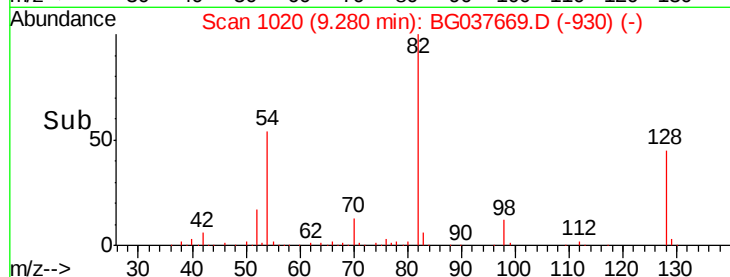
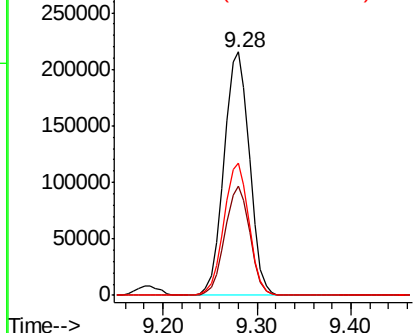
#23
 Nitrobenzene-d5
 Concen: 87.902 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion: 82 Resp: 404672
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 51.8
 54 54.2 45.3 67.9

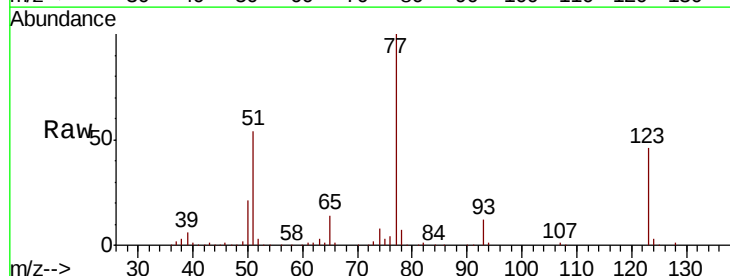


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

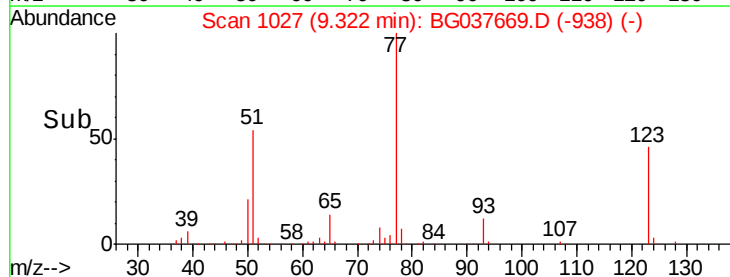
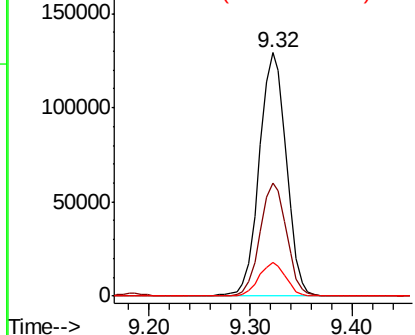


#24
 Nitrobenzene
 Concen: 49.855 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion: 77 Resp: 238431
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.6 50.4
 65 13.9 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

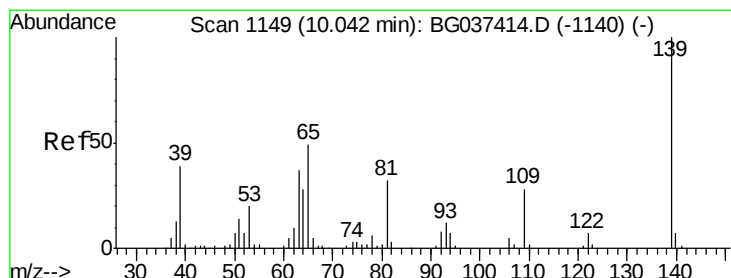
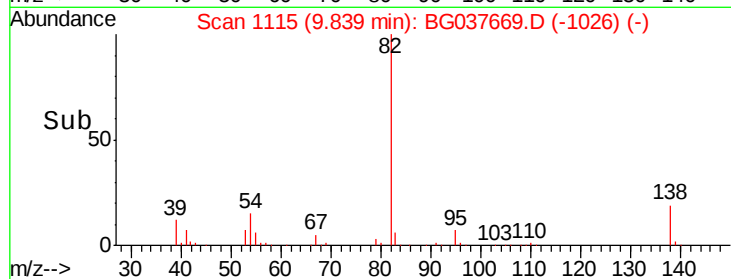
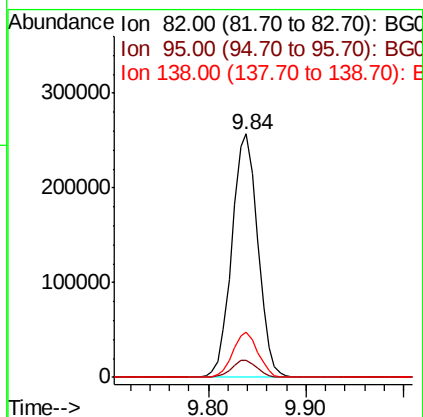
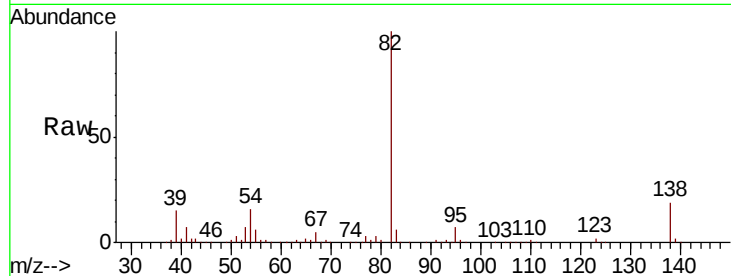




#25
Isophorone
Concen: 56.498 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

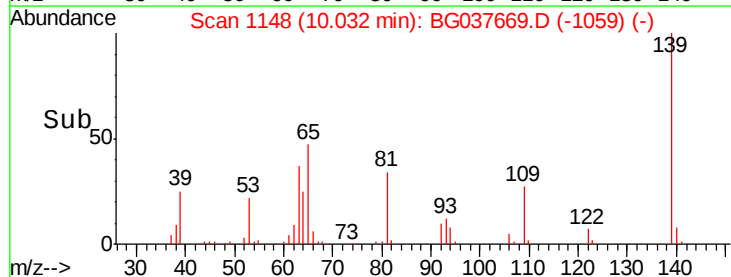
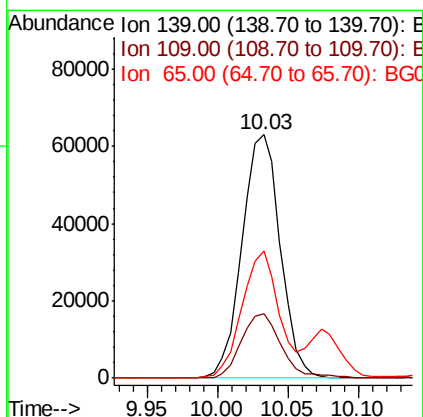
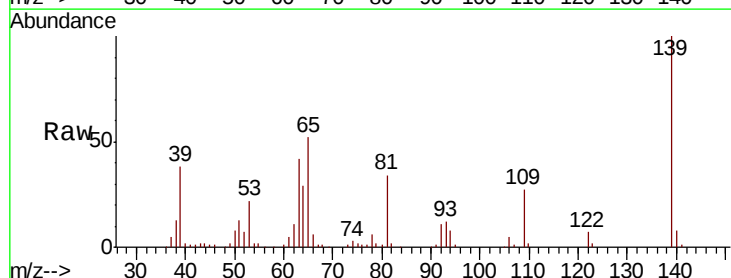
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

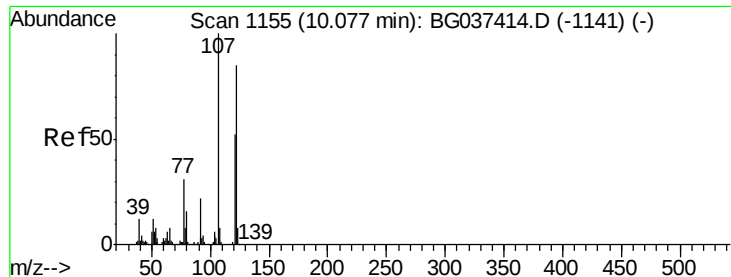
Tgt Ion: 82 Resp: 475244
Ion Ratio Lower Upper
82 100
95 7.0 5.3 7.9
138 18.6 13.3 19.9



#26
2-Nitrophenol
Concen: 55.474 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 139 Resp: 119519
Ion Ratio Lower Upper
139 100
109 26.6 23.3 34.9
65 52.0 39.8 59.8

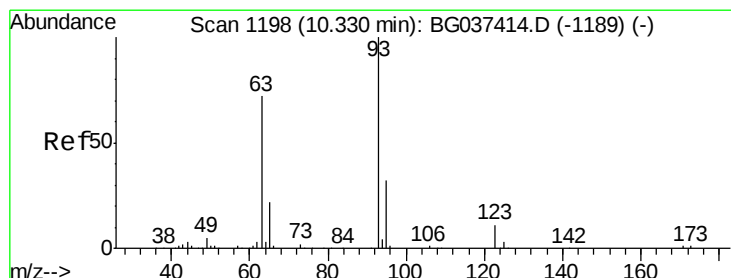
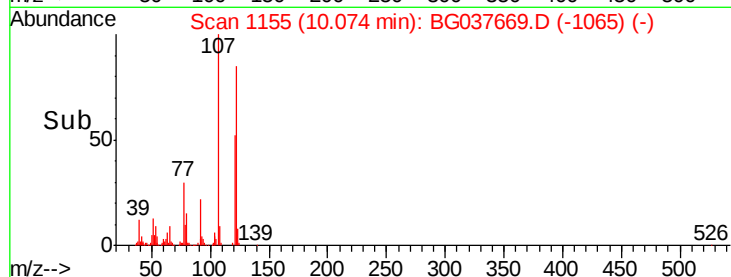
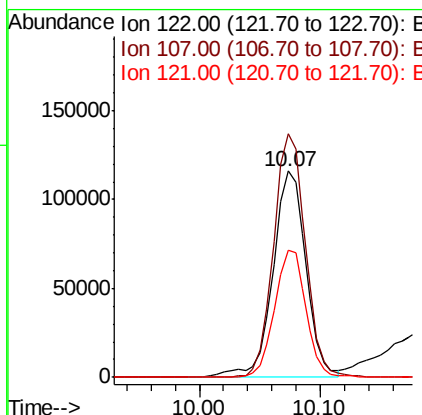
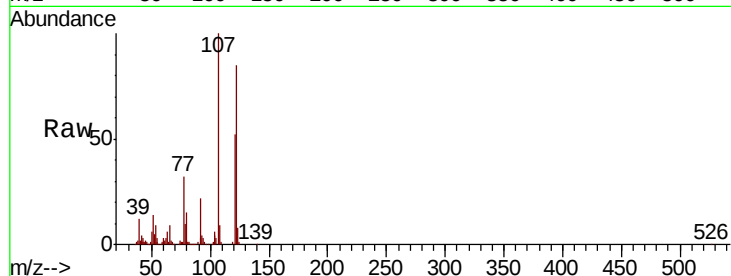




#27
2,4-Dimethylphenol
Concen: 56.895 ng
RT: 10.07 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

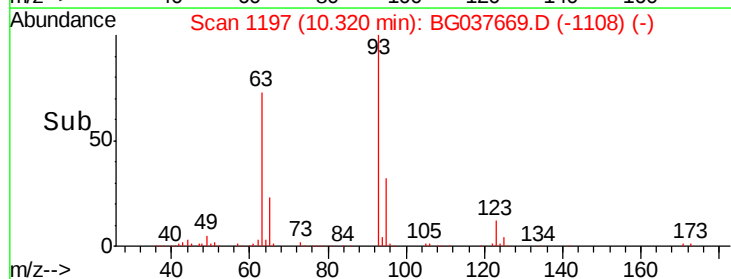
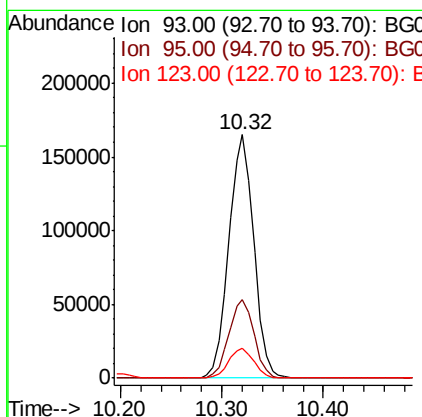
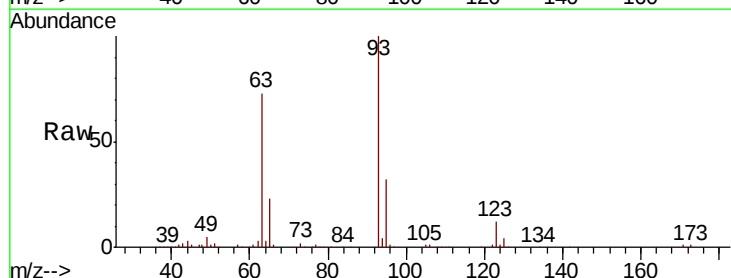
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

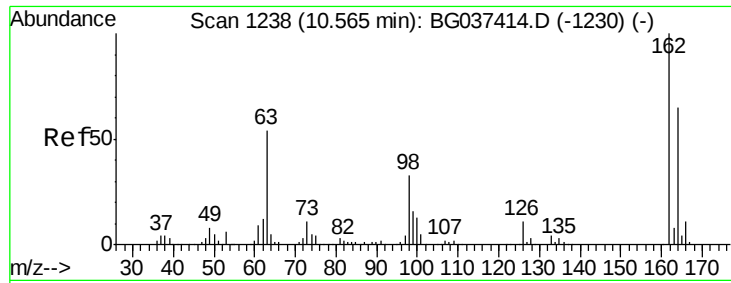
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.1	94.2	141.2
121	61.5	47.3	70.9



#28
bis(2-Chloroethoxy)methane
Concen: 51.064 ng
RT: 10.32 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.6	37.0
123	12.2	9.1	13.7

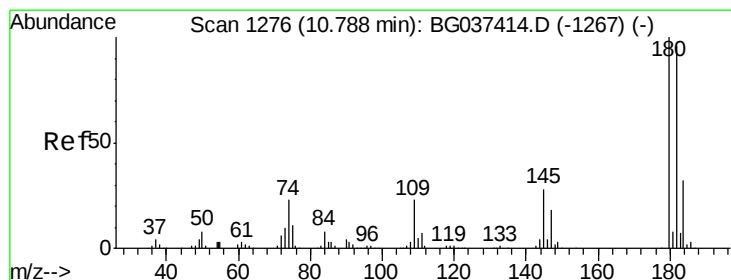
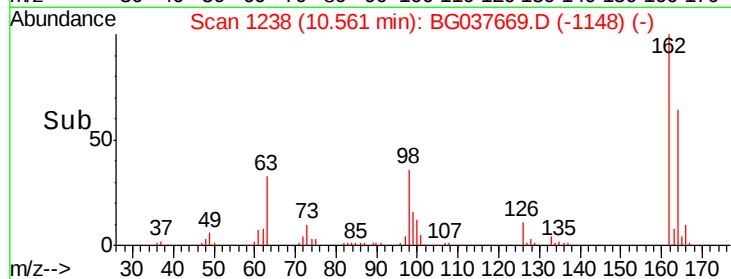
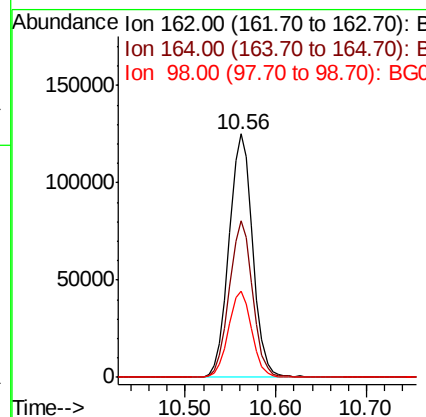
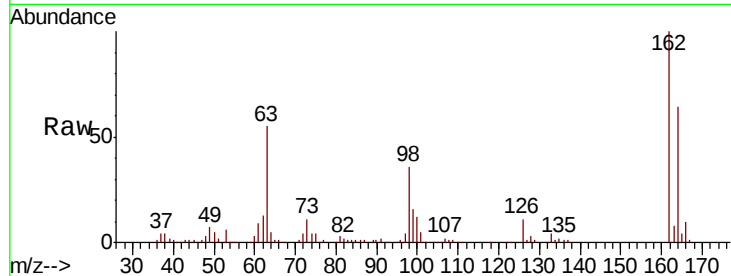




#29
 2,4-Dichlorophenol
 Concen: 52.945 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

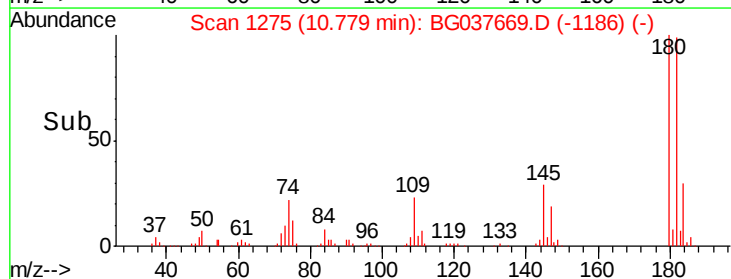
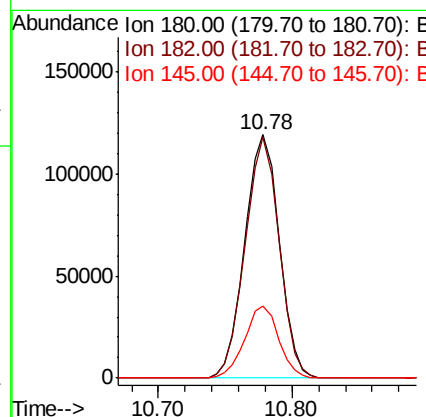
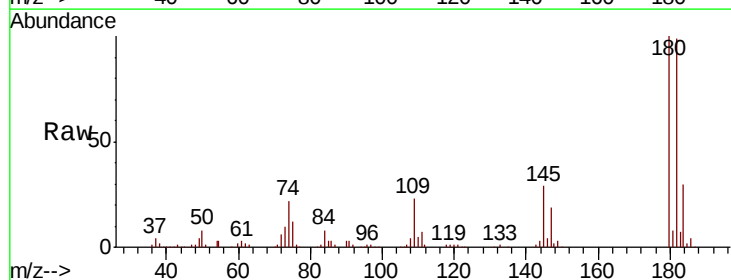
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

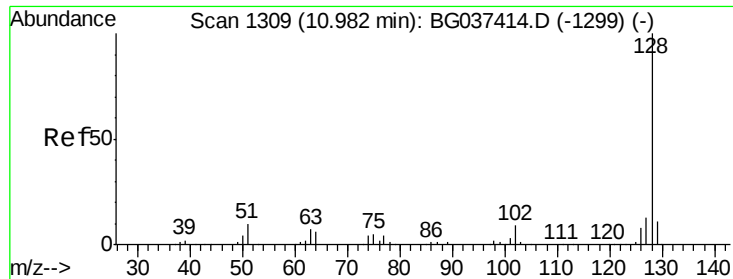
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.2	83.2
98	35.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.850 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	77.7	116.5
145	29.4	23.3	34.9

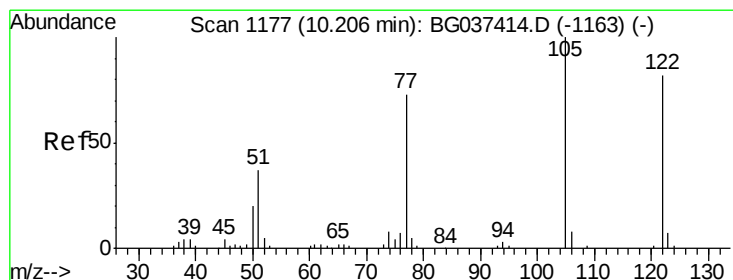
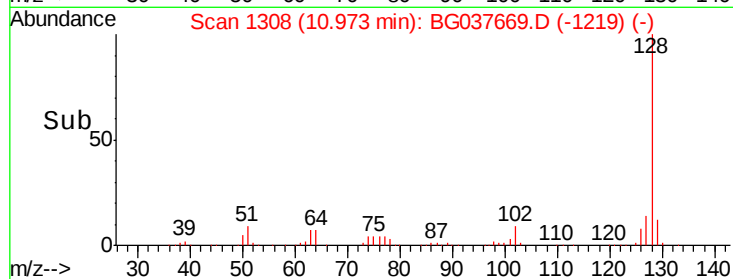
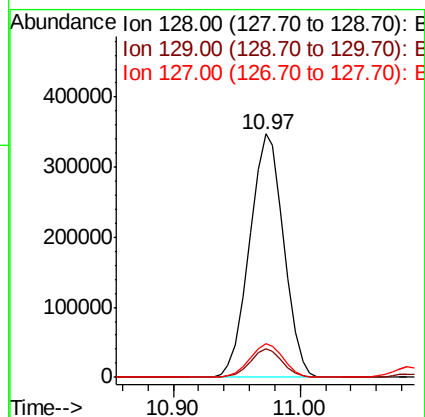
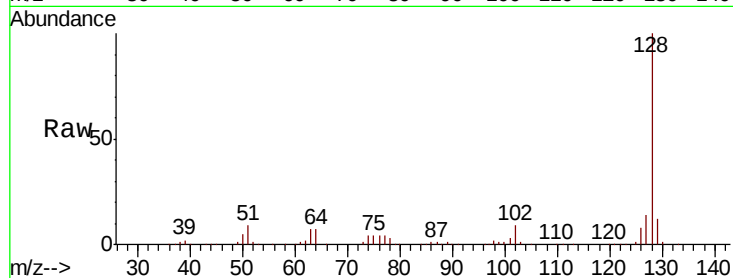




#31
Naphthalene
Concen: 51.258 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

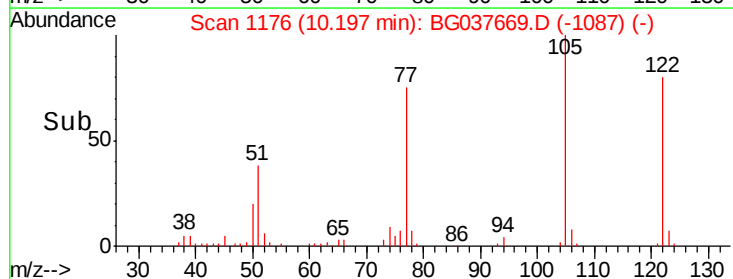
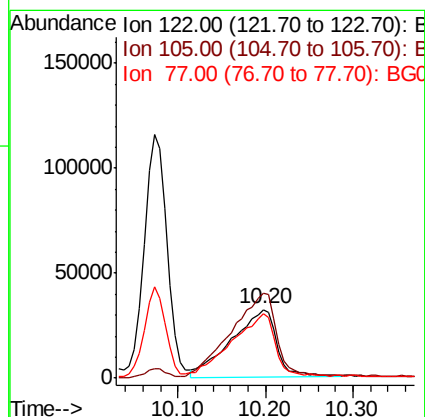
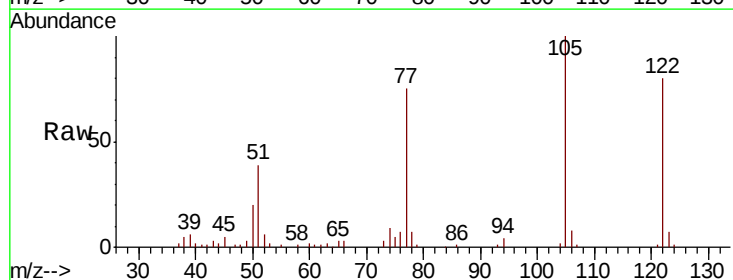
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion:128 Resp: 649282
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 45.339 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:122 Resp: 113282
Ion Ratio Lower Upper
122 100
105 124.7 106.7 146.7
77 94.1 72.2 112.2

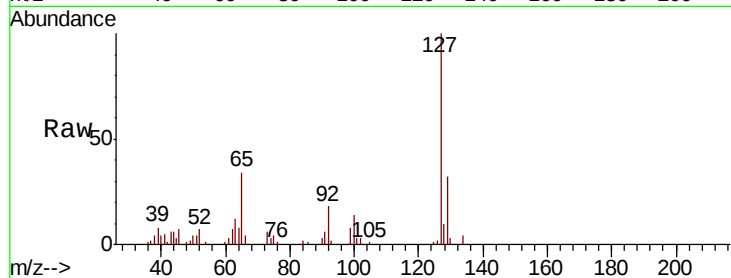




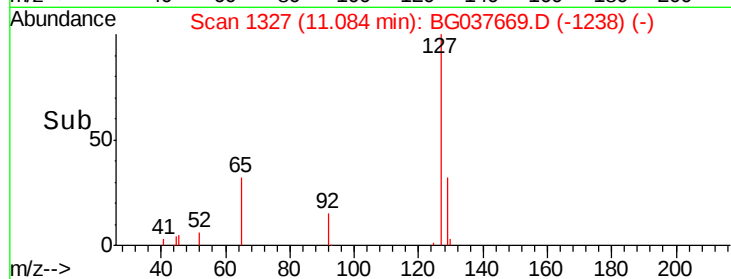
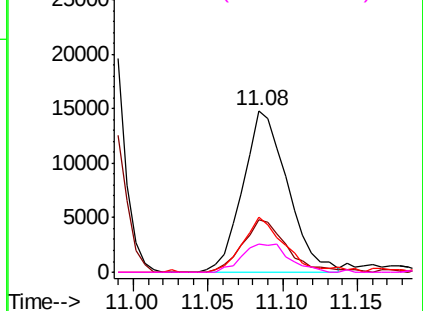
#33
4-Chloroaniline
Concen: 5.168 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion:	127	Resp:	30756
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.1	40.7
65	33.7	26.6	39.8
92	17.5	16.4	24.6

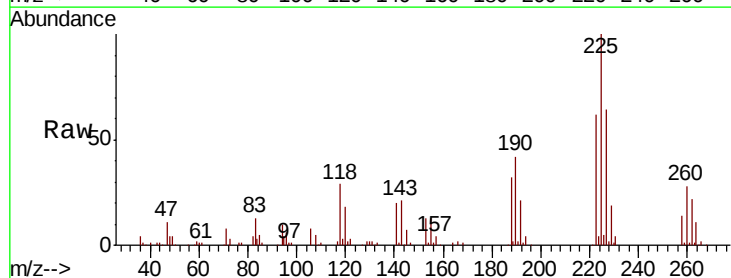


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

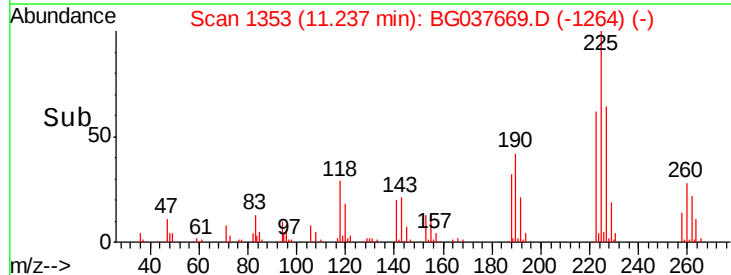
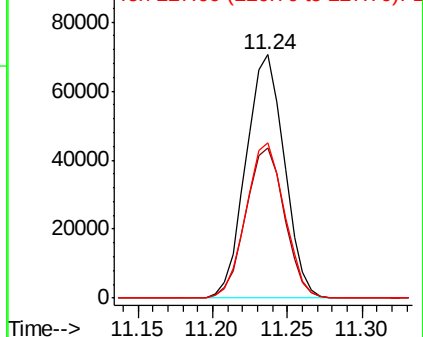


#34
Hexachlorobutadiene
Concen: 45.514 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:	225	Resp:	125641
Ion	Ratio	Lower	Upper
225	100		
223	58.7	48.2	72.4
227	63.0	51.6	77.4



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





#35

Caprolactam

Concen: 22.859 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

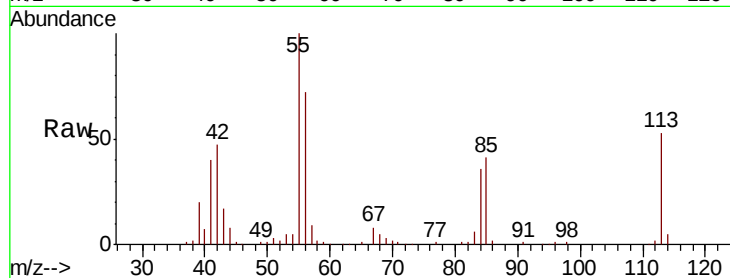
Tgt Ion:113 Resp: 39267

Ion Ratio Lower Upper

113 100

55 190.3 176.6 216.6

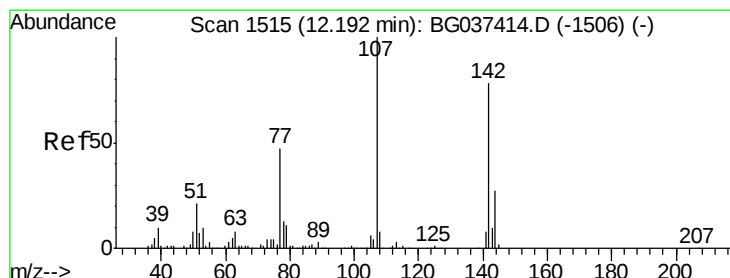
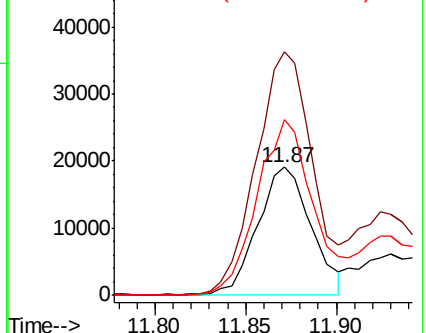
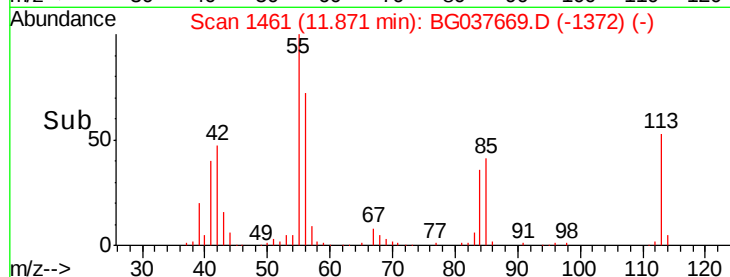
56 137.0 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.712 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

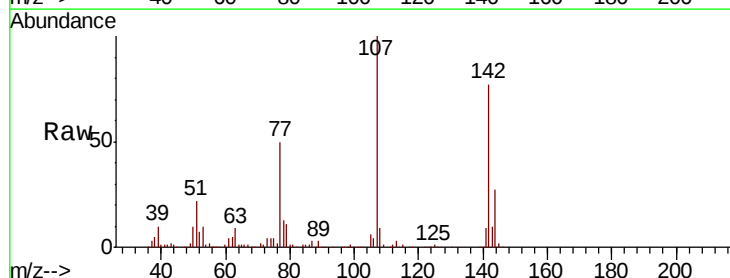
Tgt Ion:107 Resp: 249785

Ion Ratio Lower Upper

107 100

144 27.1 20.7 31.1

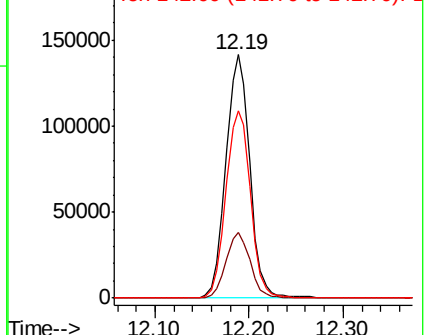
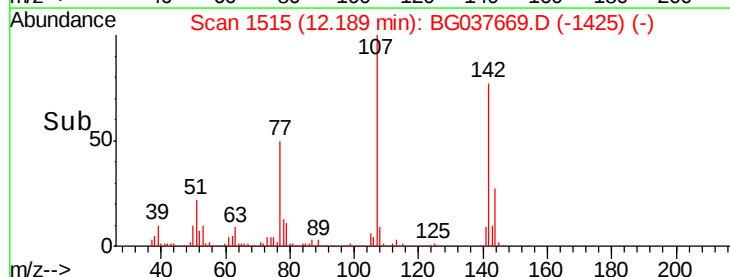
142 77.2 64.4 96.6

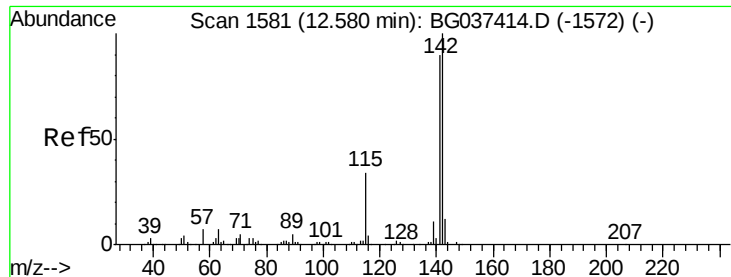


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

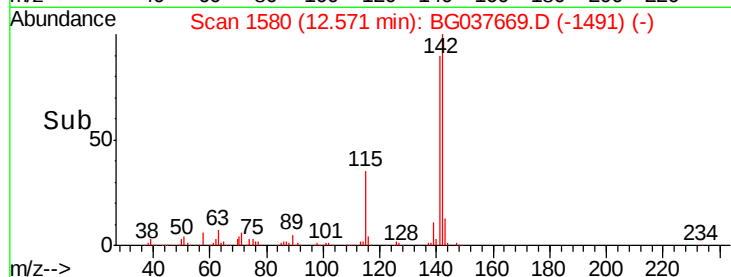
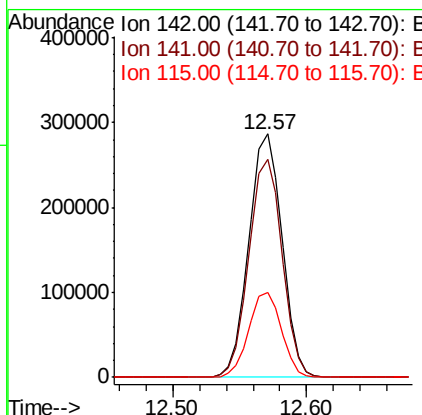
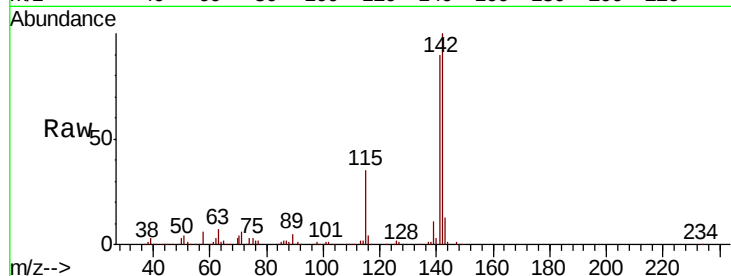




#37
 2-Methylnaphthalene
 Concen: 53.106 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

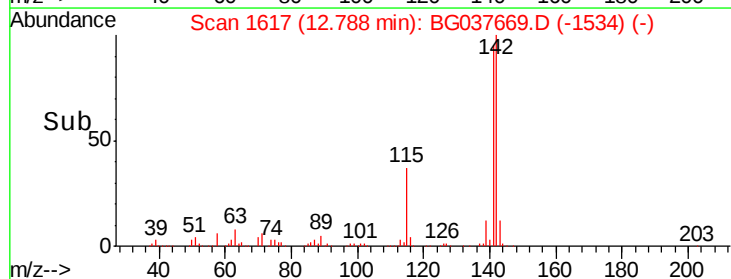
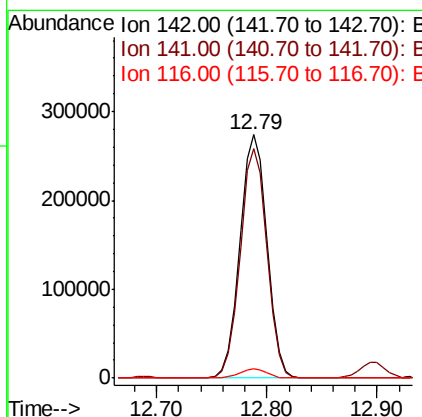
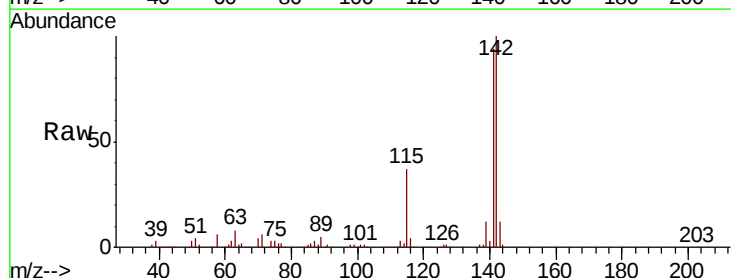
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

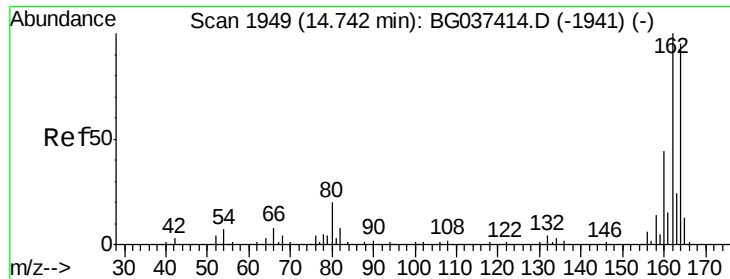
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	34.9	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 52.467 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

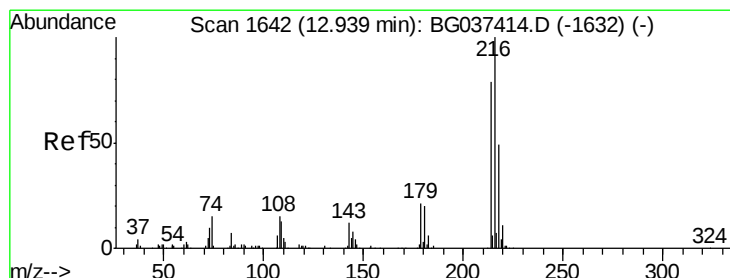
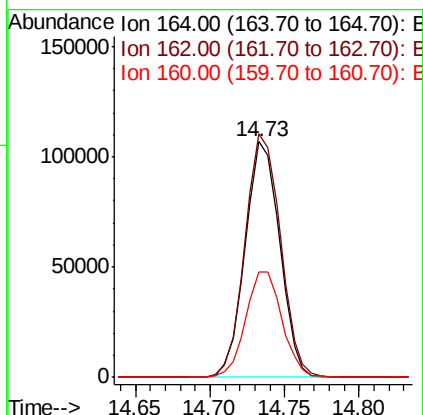
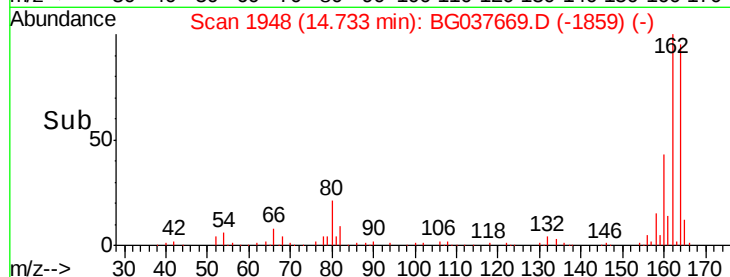
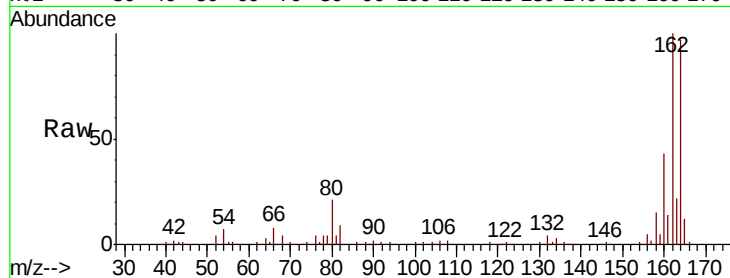
Tgt Ion:164 Resp: 171143

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

160 44.6 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.270 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Tgt Ion:216 Resp: 255424

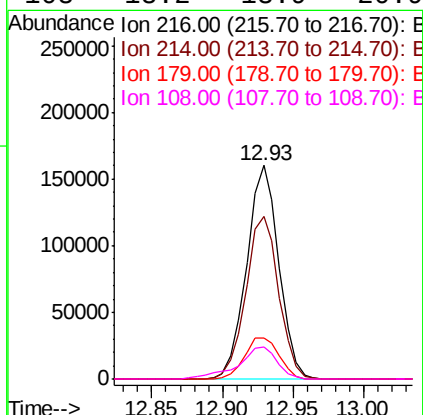
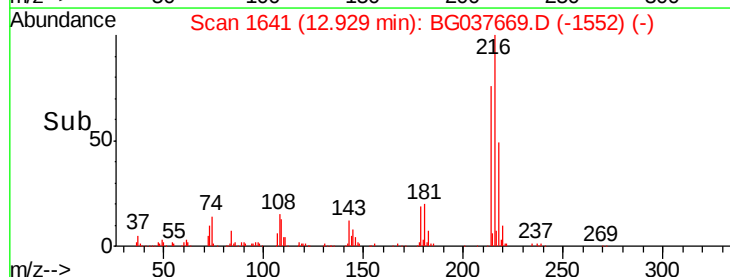
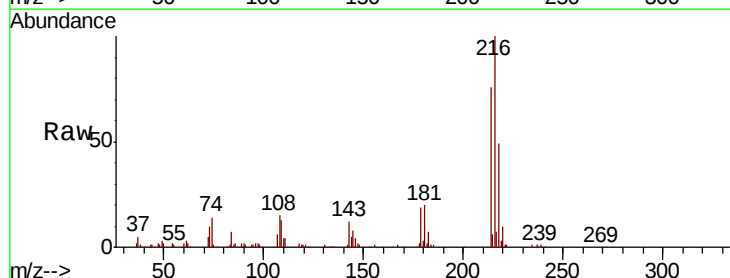
Ion Ratio Lower Upper

216 100

214 77.8 63.8 95.6

179 20.7 17.4 26.0

108 18.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 99.114 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

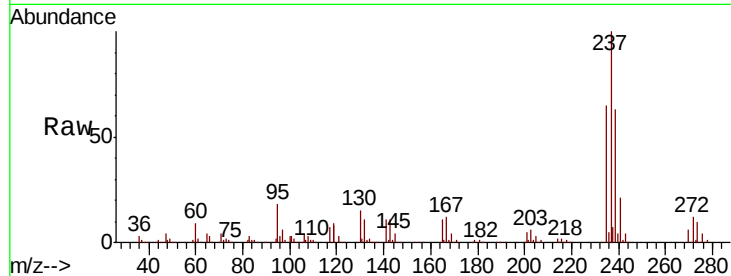
Tgt Ion: 237 Resp: 261353

Ion Ratio Lower Upper

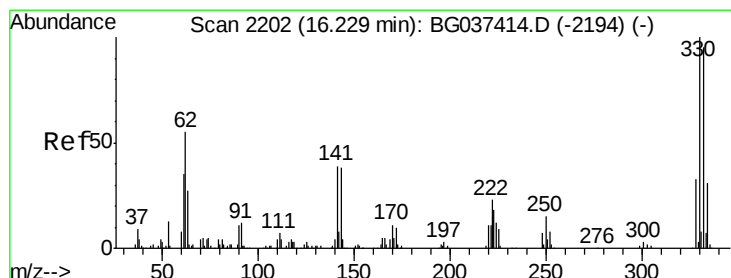
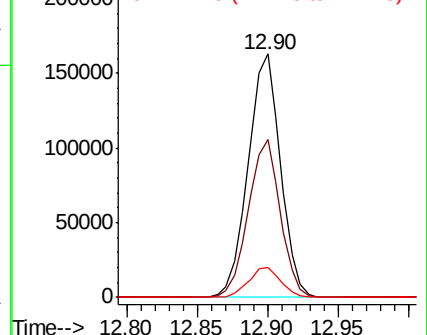
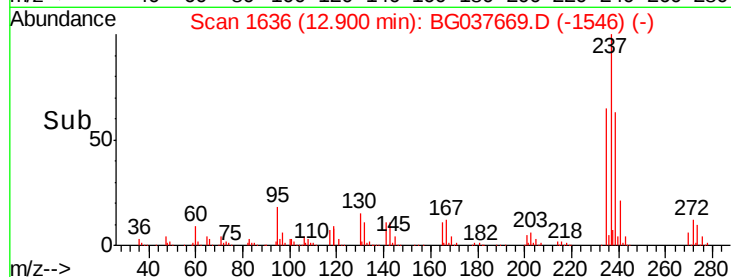
237 100

235 64.9 42.5 82.5

272 12.1 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: 131.076 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

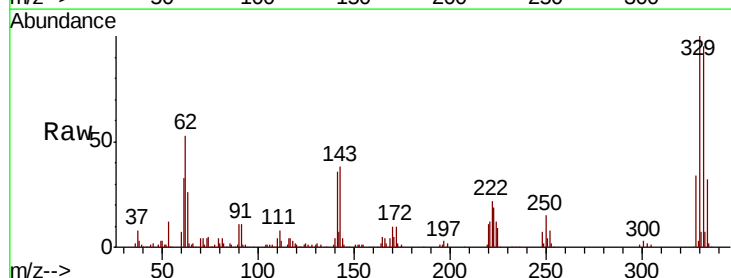
Tgt Ion: 330 Resp: 244671

Ion Ratio Lower Upper

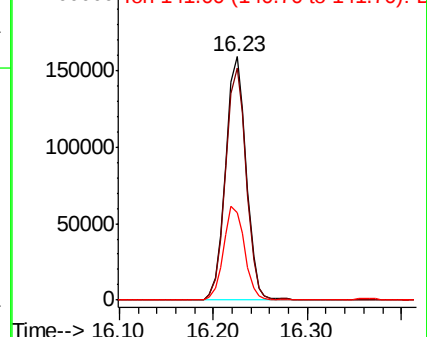
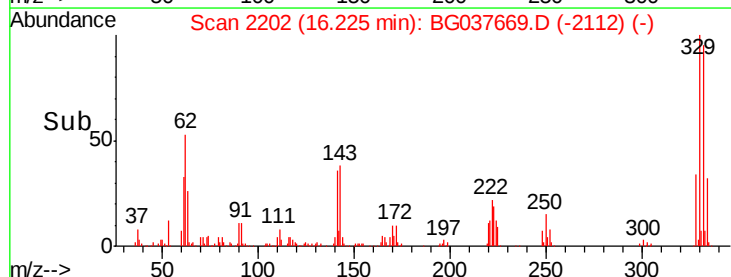
330 100

332 95.8 78.4 117.6

141 38.8 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

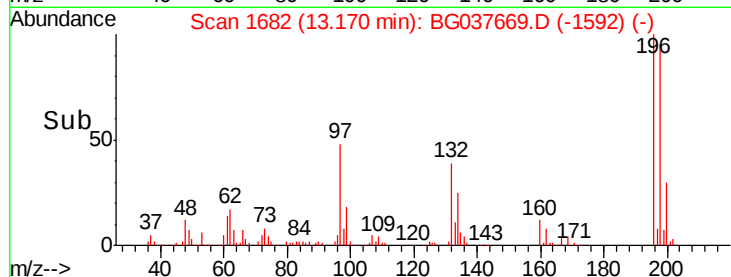
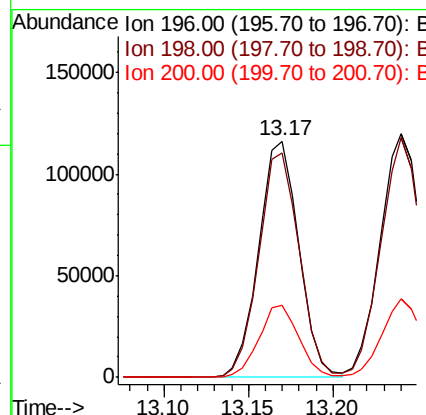
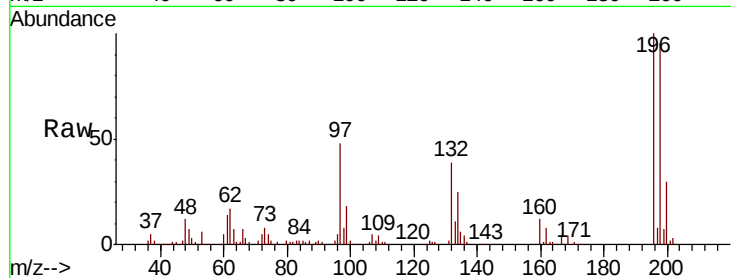




#43
 2,4,6-Trichlorophenol
 Concen: 52.084 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

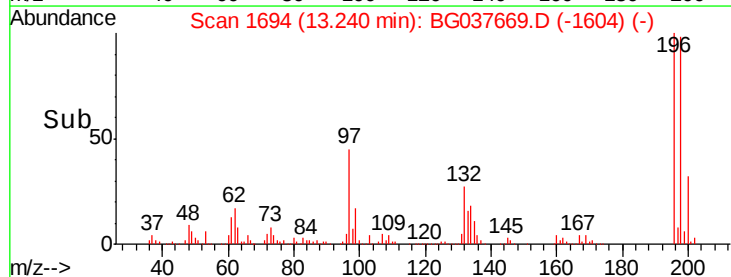
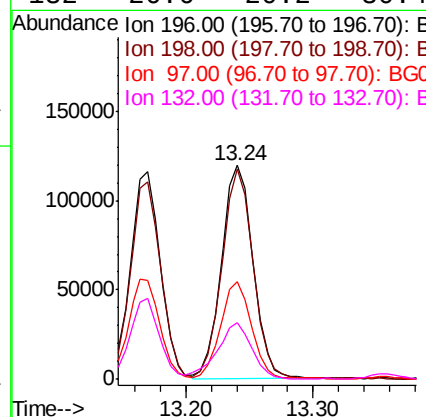
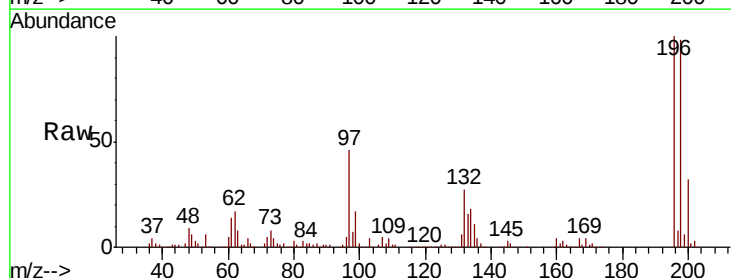
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion:196 Resp: 192087
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.4 114.6
 200 30.4 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.497 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion:196 Resp: 206782
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.2 111.2
 97 45.5 34.1 51.1
 132 26.6 20.2 30.4

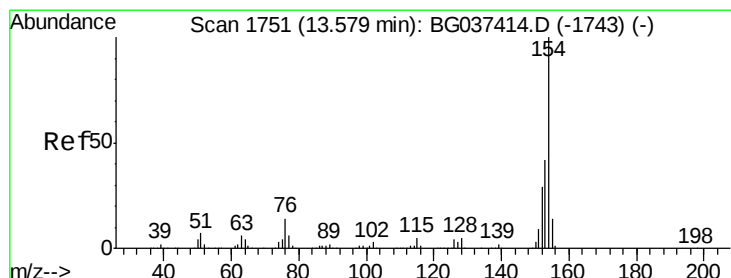
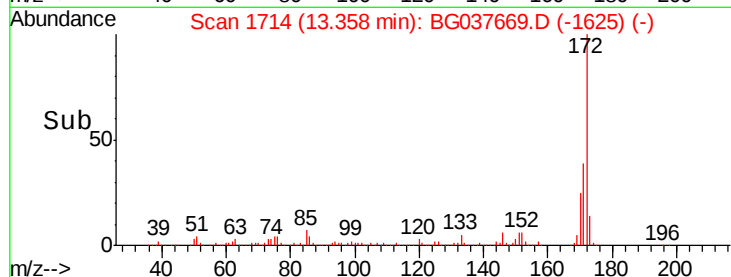
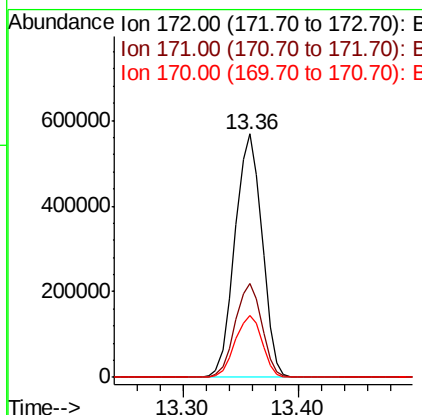
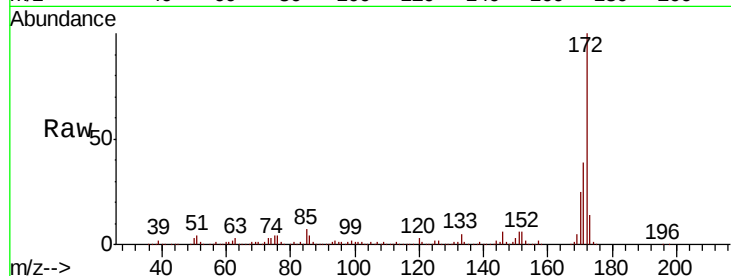




#45
 2-Fluorobiphenyl
 Concen: 81.452 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

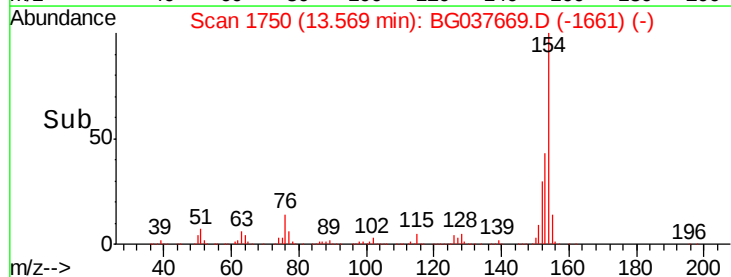
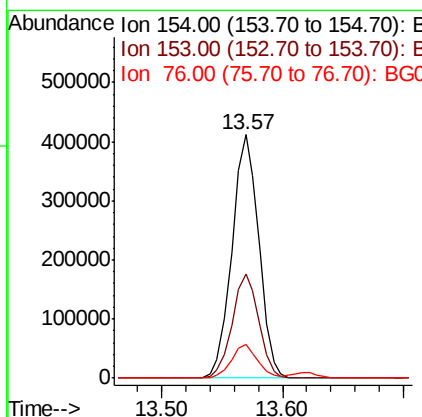
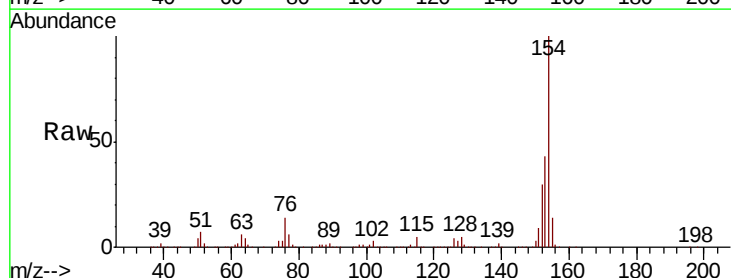
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.2	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 44.832 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.1	62.1
76	14.0	0.0	33.2

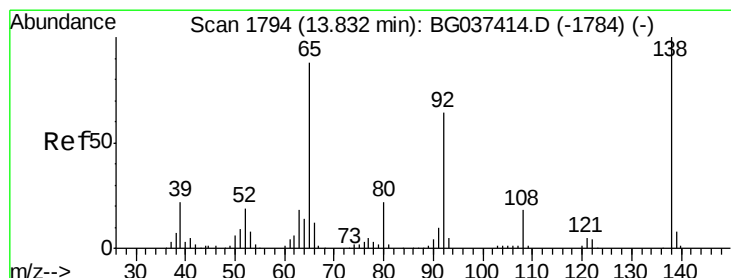
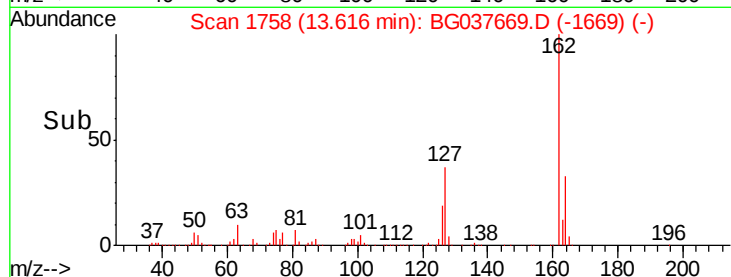
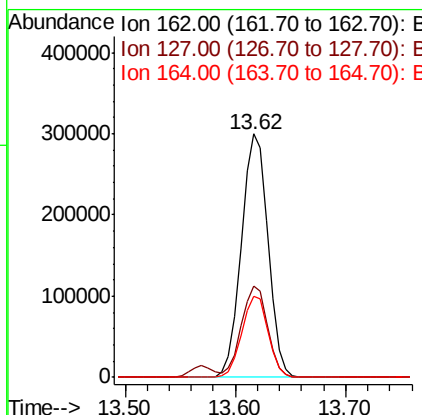
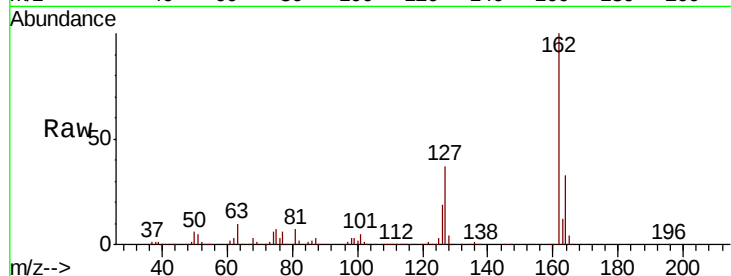




#47
 2-Chloronaphthalene
 Concen: 47.298 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

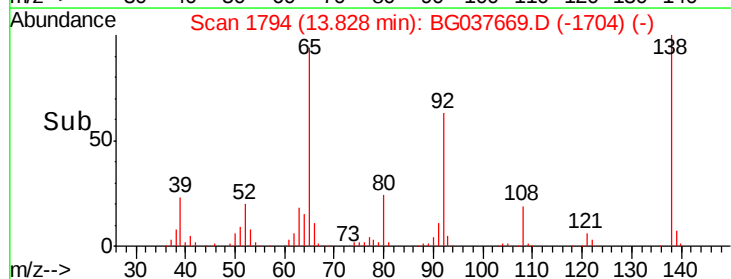
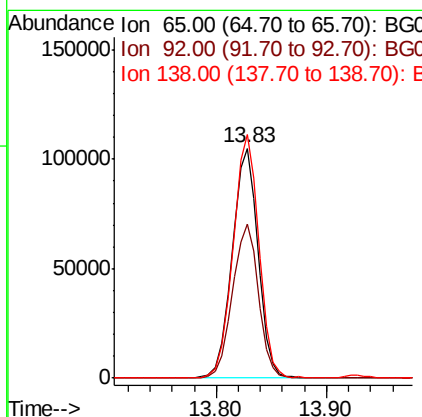
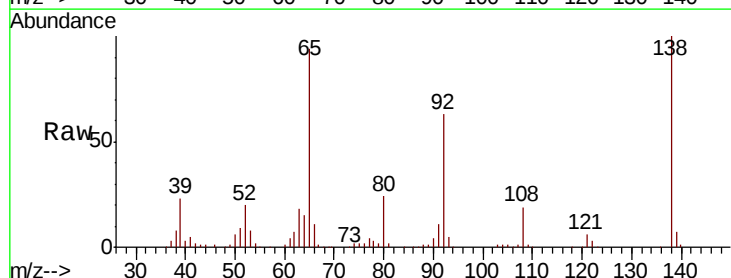
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

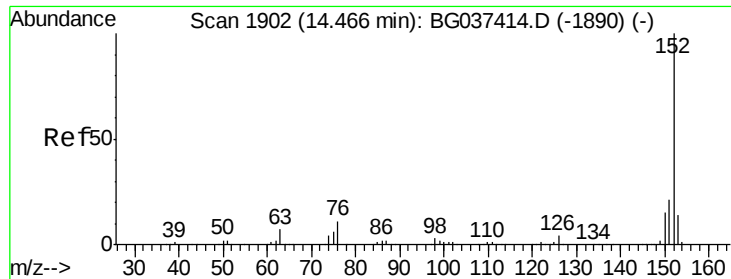
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.5	45.7
164	33.1	26.4	39.6



#48
 2-Nitroaniline
 Concen: 53.070 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.2	79.8
138	105.9	79.3	118.9





#49

Acenaphthylene

Concen: 51.969 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

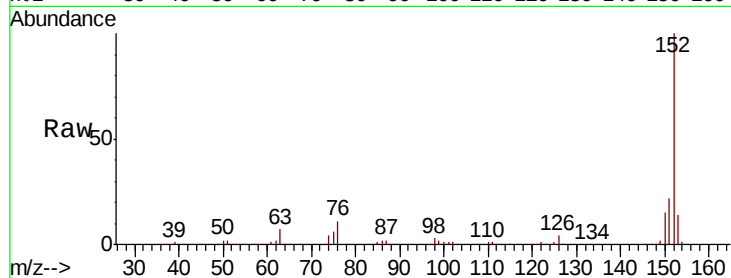
Tgt Ion:152 Resp: 838277

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

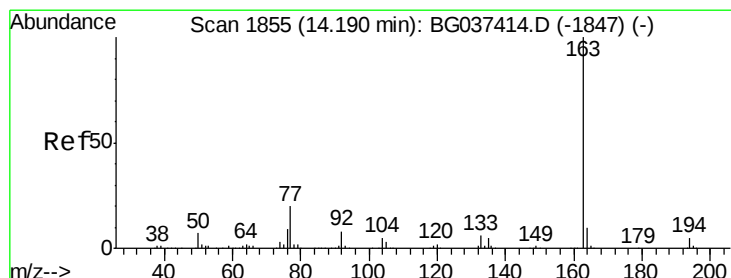
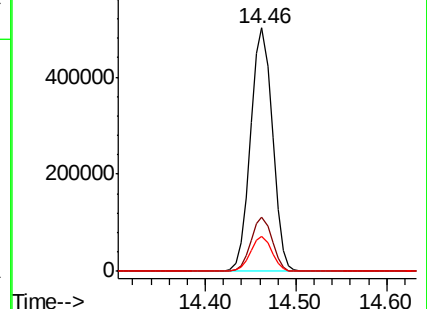
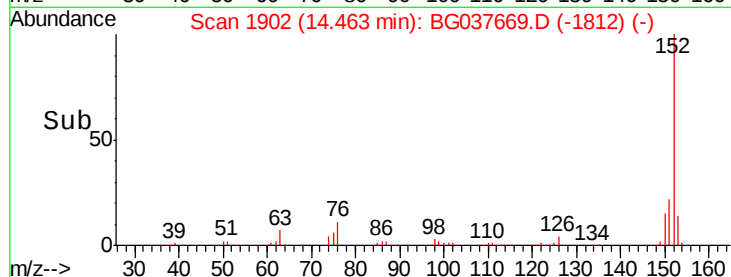
153 14.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.408 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

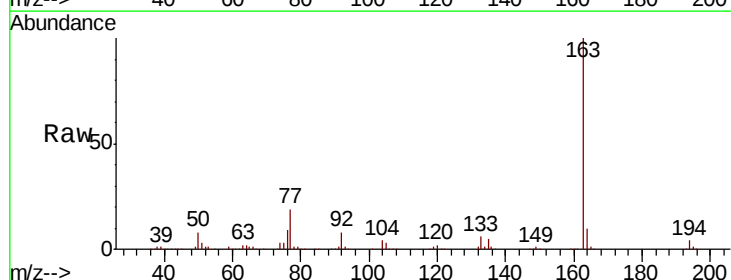
Tgt Ion:163 Resp: 667397

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

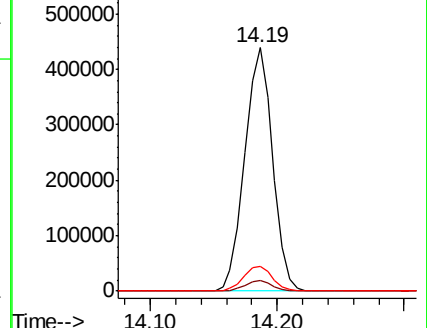
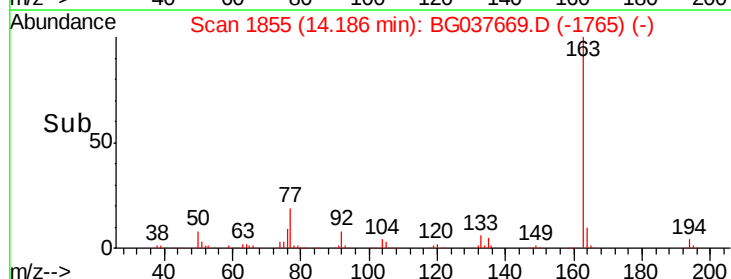
164 10.4 8.5 12.7

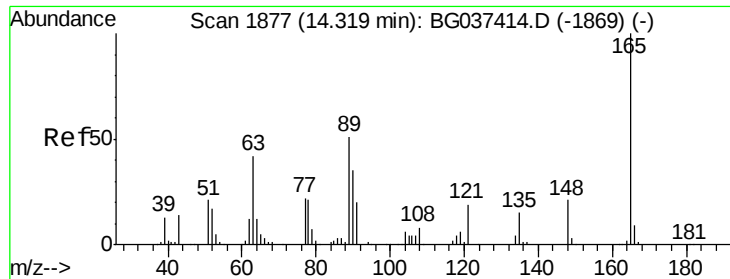


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

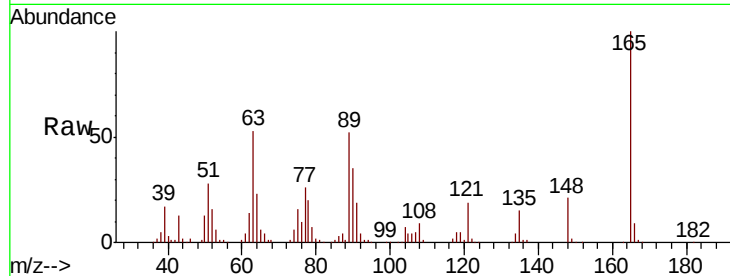




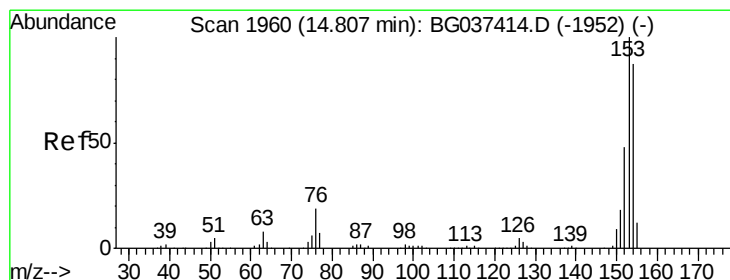
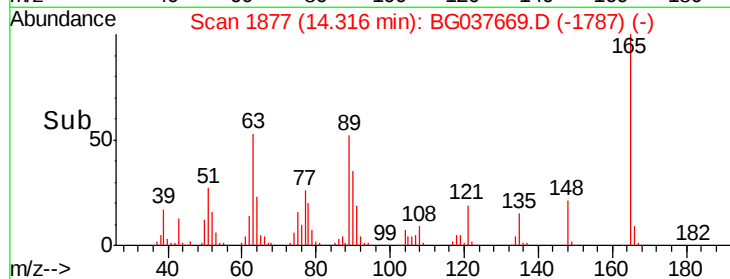
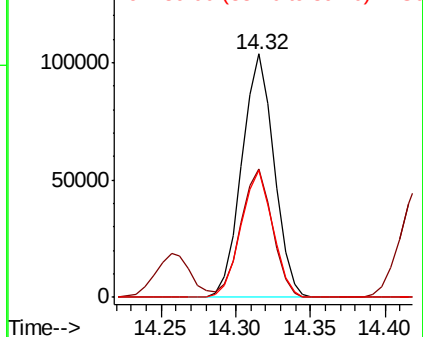
#51
 2,6-Dinitrotoluene
 Concen: 52.837 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.0	43.4	65.2
89	52.5	45.8	68.6

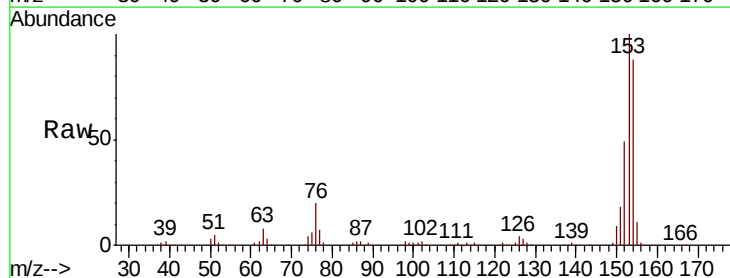


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

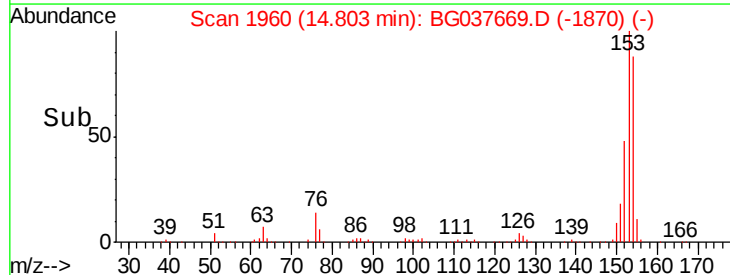
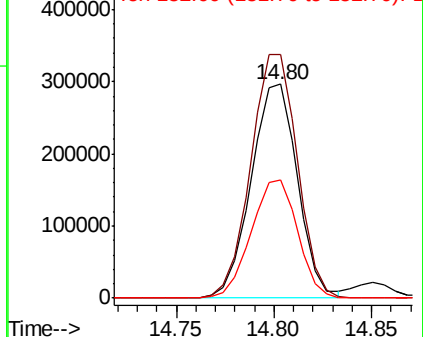


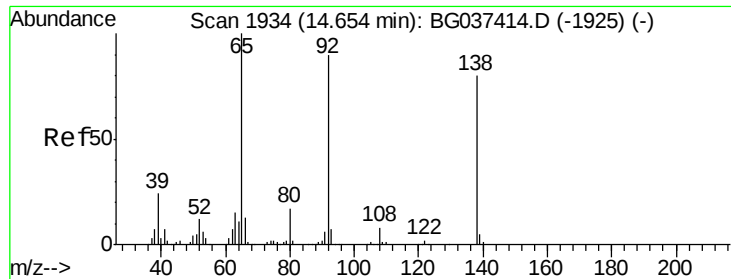
#52
 Acenaphthene
 Concen: 48.987 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	93.4	140.0
152	55.6	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

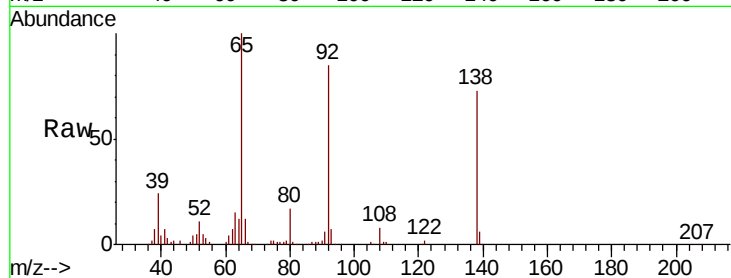




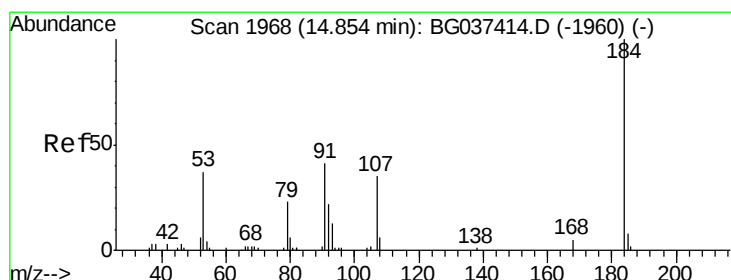
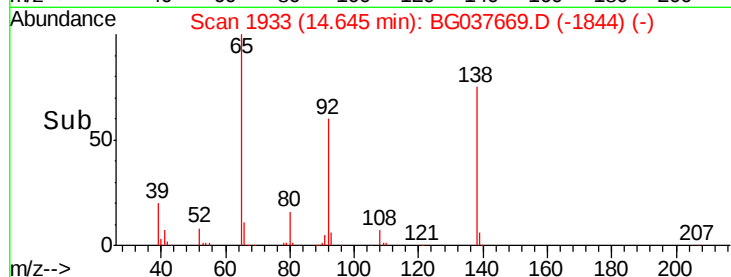
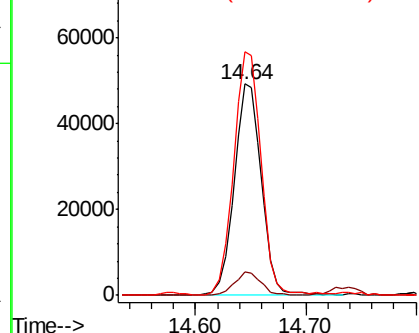
#53
3-Nitroaniline
Concen: 26.193 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion:138 Resp: 85168
Ion Ratio Lower Upper
138 100
108 11.1 11.0 16.6
92 115.2 95.2 142.8

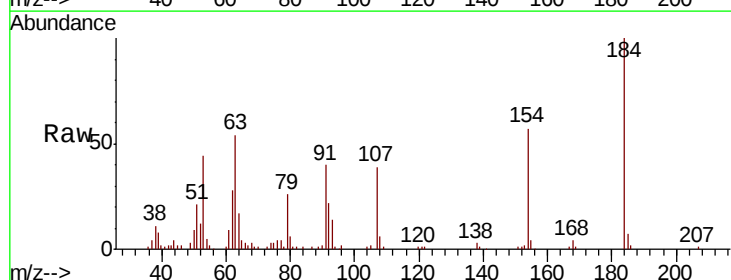


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

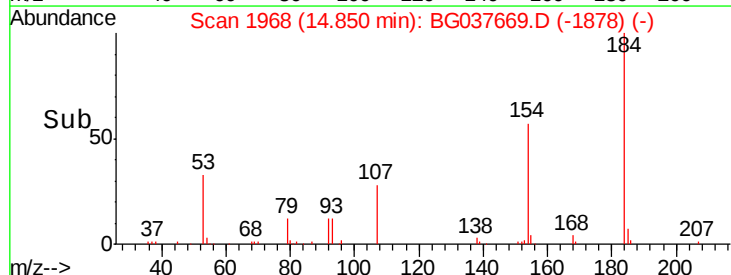
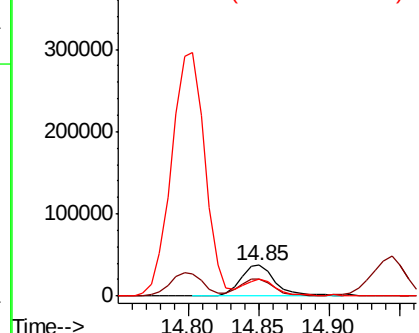


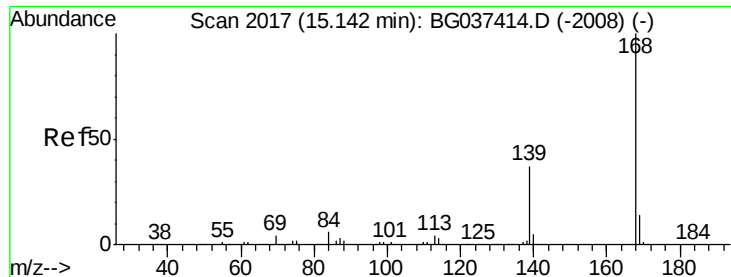
#54
2,4-Dinitrophenol
Concen: 59.665 ng
RT: 14.85 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:184 Resp: 64310
Ion Ratio Lower Upper
184 100
63 53.8 42.6 63.8
154 56.8 41.8 62.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

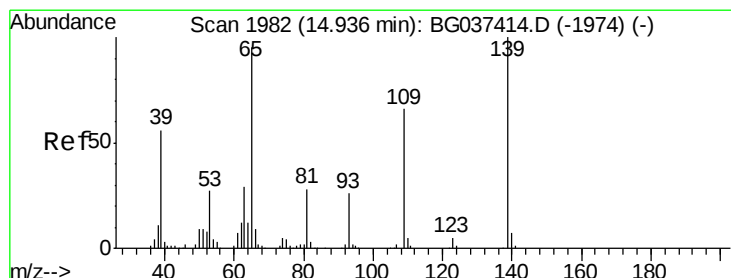
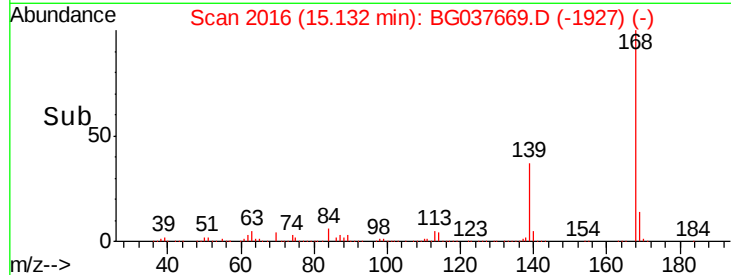
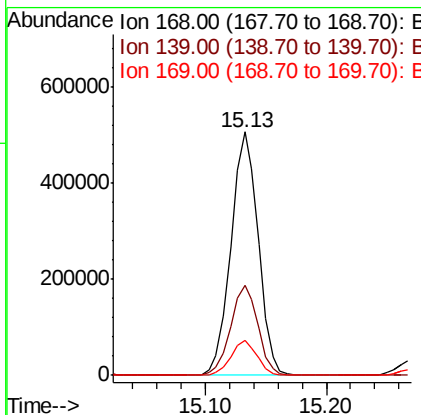
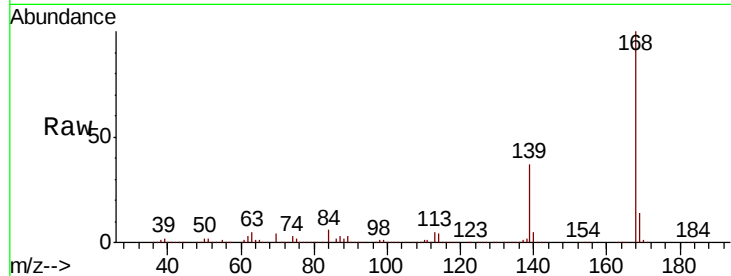




#55
Dibenzenofuran
Concen: 48.258 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

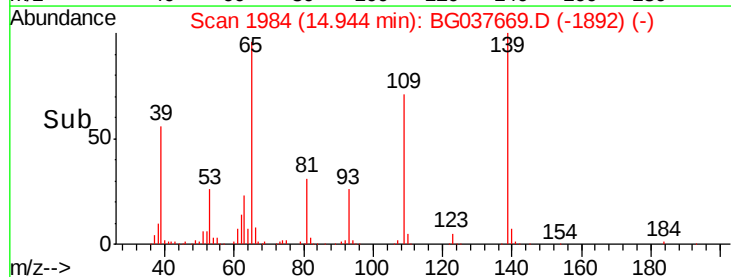
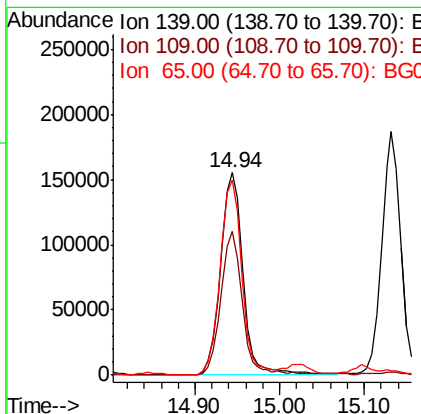
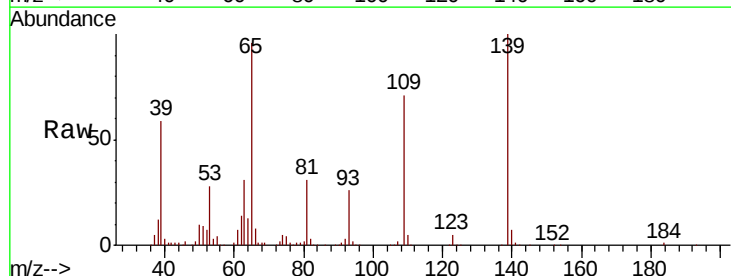
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

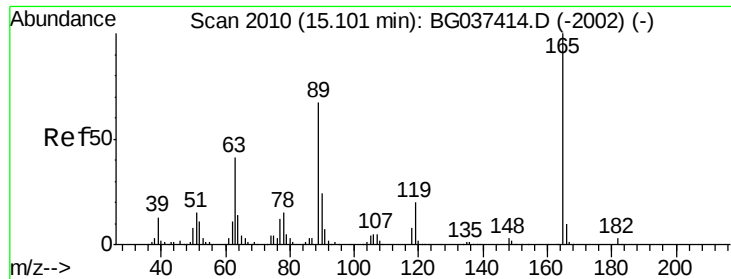
Tgt Ion:168 Resp: 794278
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 14.3 11.0 16.6



#56
4-Nitrophenol
Concen: 119.429 ng
RT: 14.94 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:139 Resp: 287440
Ion Ratio Lower Upper
139 100
109 71.2 49.5 89.5
65 96.1 76.8 116.8

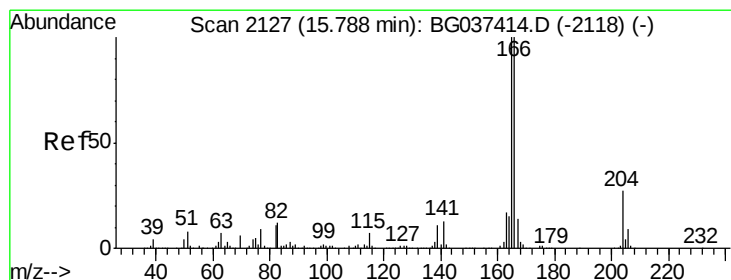
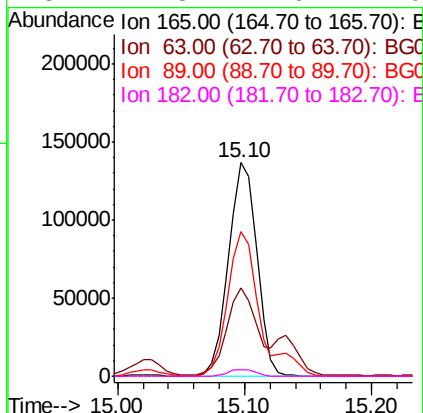
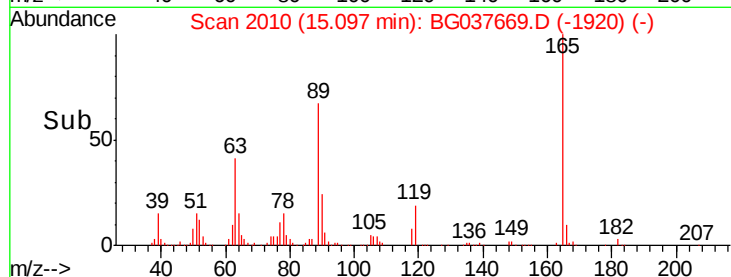
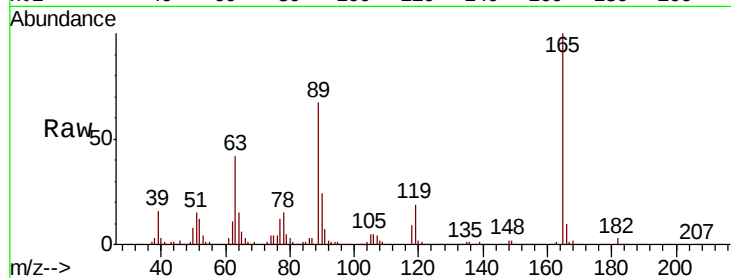




#57
2,4-Dinitrotoluene
Concen: 55.121 ng
RT: 15.10 min Scan# 210
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

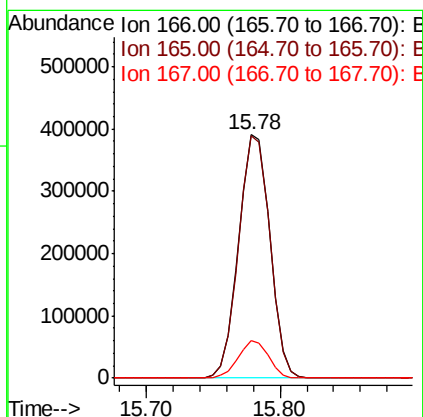
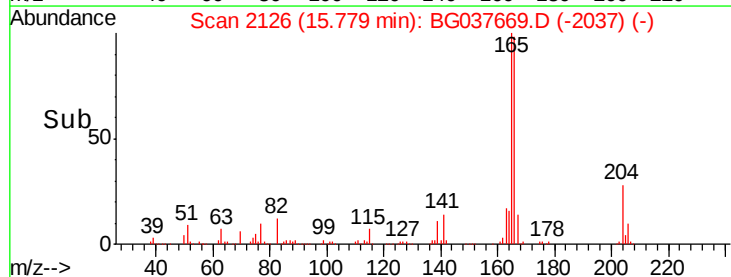
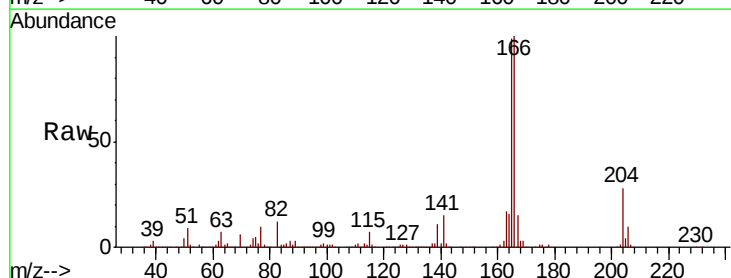
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

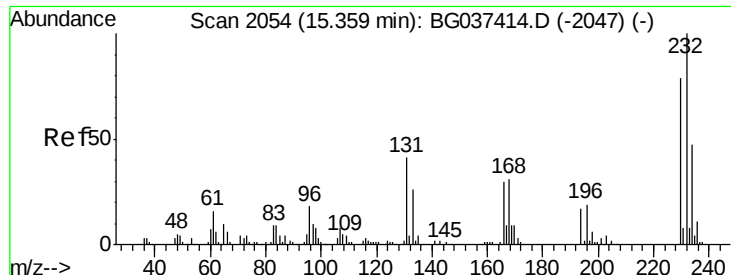
Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.4	50.0
89	67.5	57.2	85.8
182	2.8	2.6	4.0



#58
Fluorene
Concen: 51.345 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.6
167	15.3	11.3	16.9

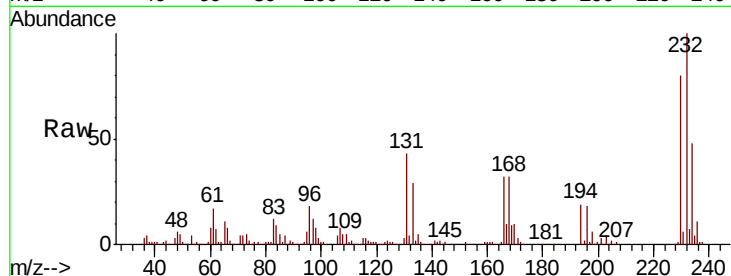




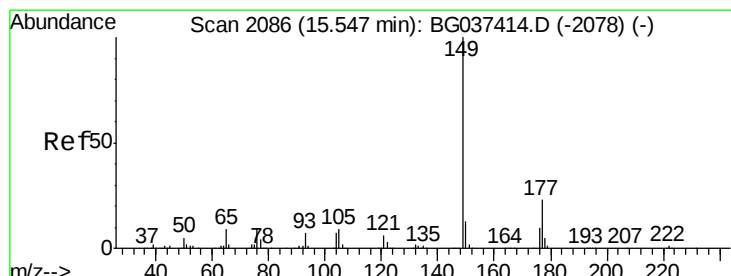
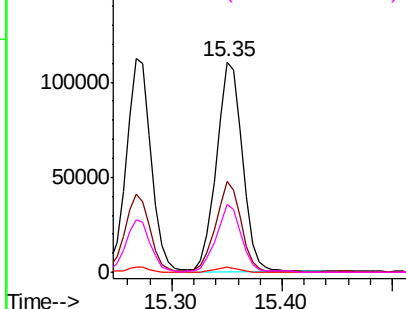
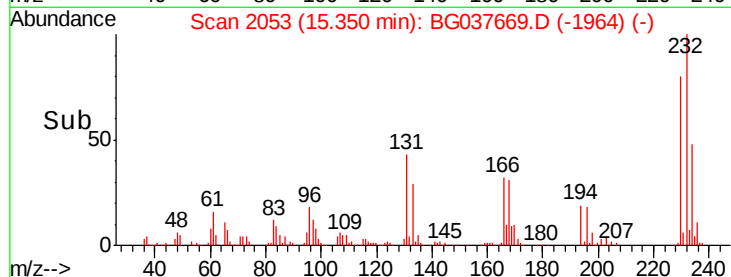
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.727 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion:	232	Resp:	181276
Ion	Ratio	Lower	Upper
232	100		
131	41.5	33.7	50.5
130	2.4	2.1	3.1
166	30.6	24.6	36.8

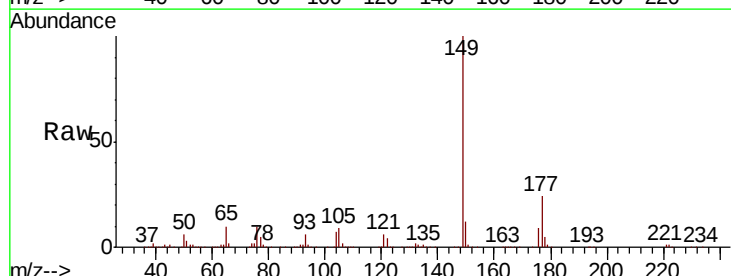


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

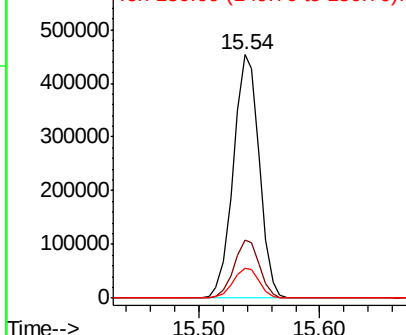
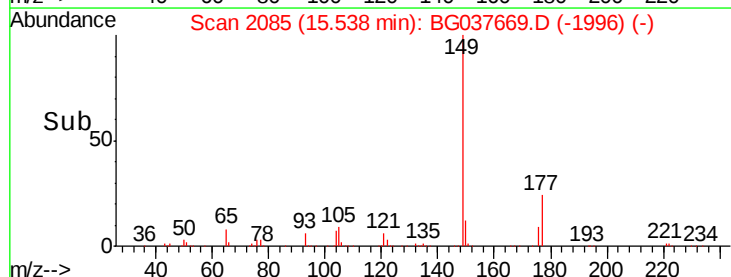


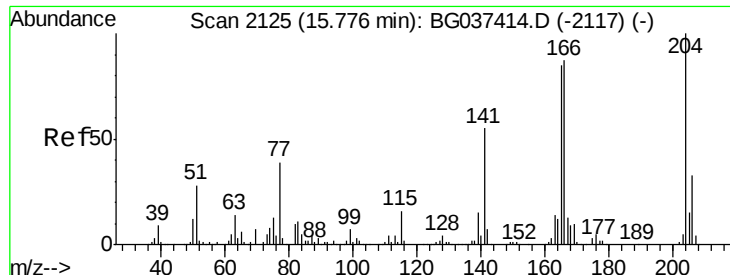
#60
 Diethylphthalate
 Concen: 49.665 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion:	149	Resp:	675090
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.5	10.0	15.0



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

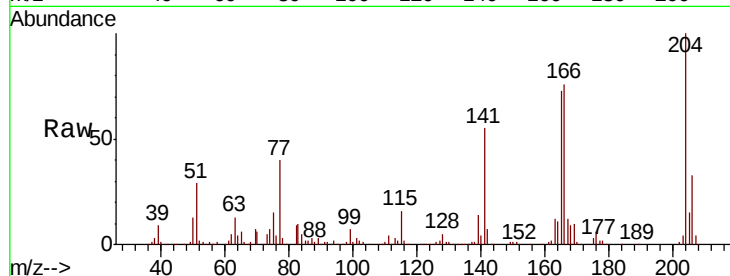




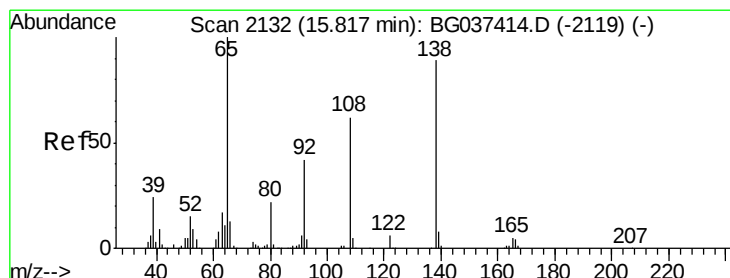
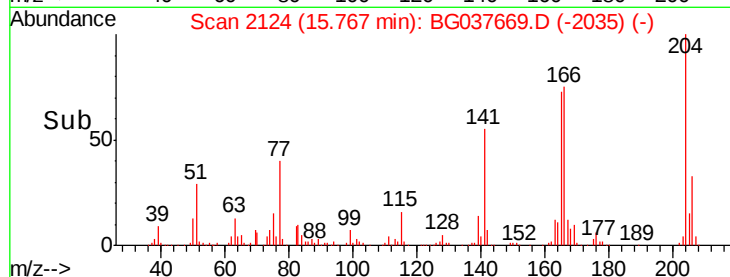
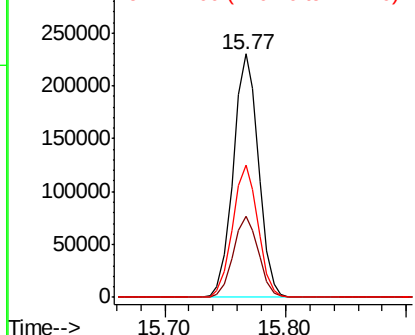
#61
4-Chlorophenyl-phenylether
Concen: 46.609 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion: 204 Resp: 334839
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 54.6 45.4 68.2

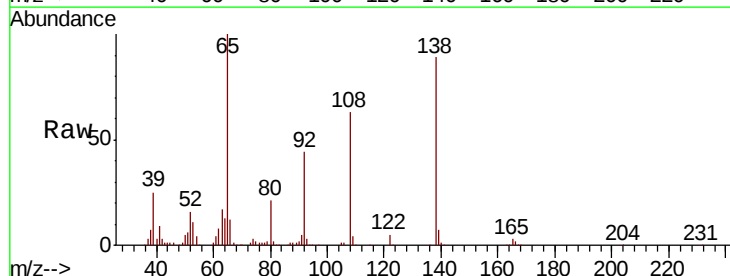


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

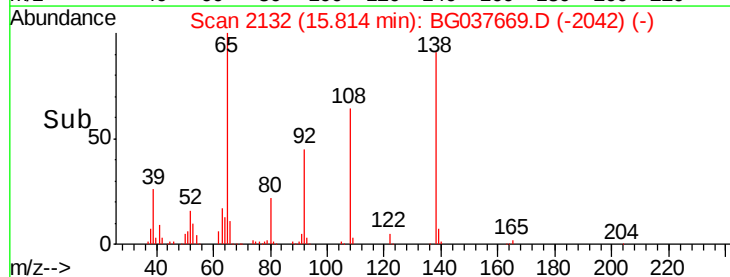
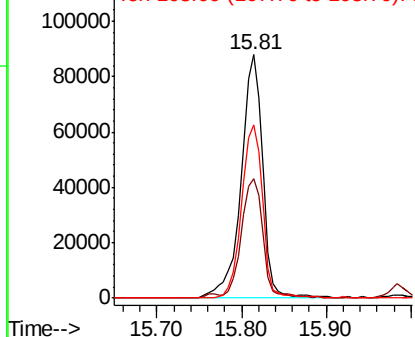


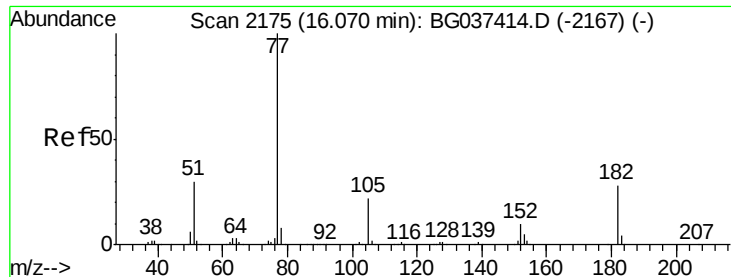
#62
4-Nitroaniline
Concen: 48.121 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 138 Resp: 155477
Ion Ratio Lower Upper
138 100
92 49.3 36.4 76.4
108 71.4 60.1 100.1



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

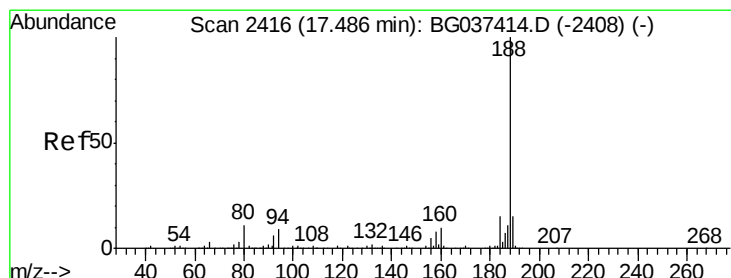
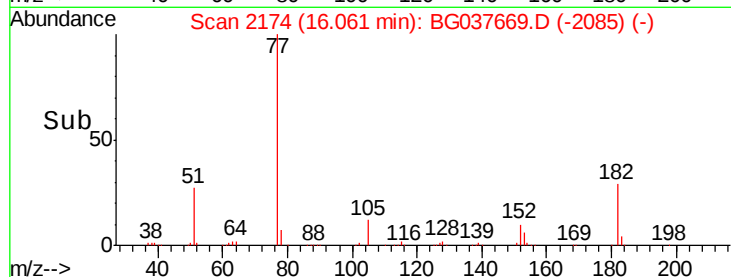
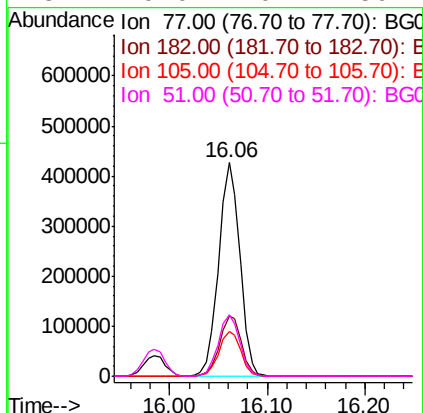
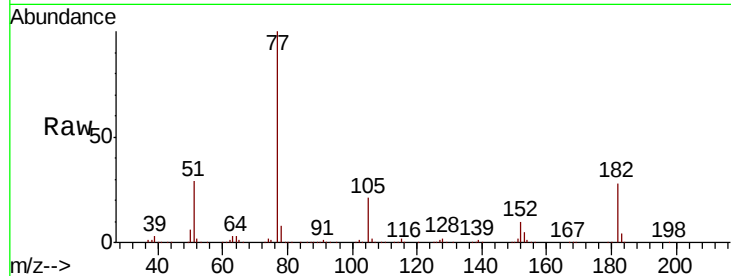




#63
Azobenzene
Concen: 49.461 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

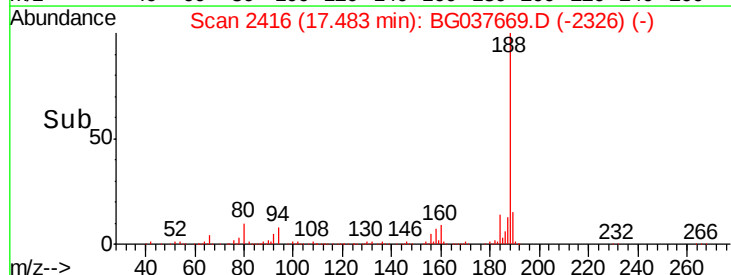
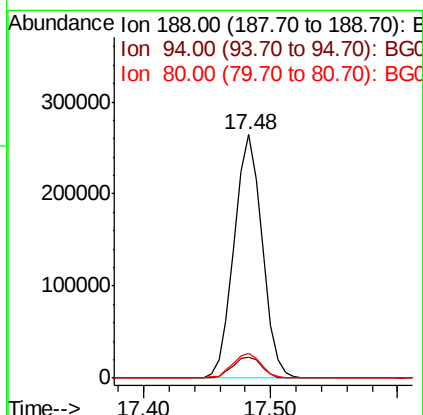
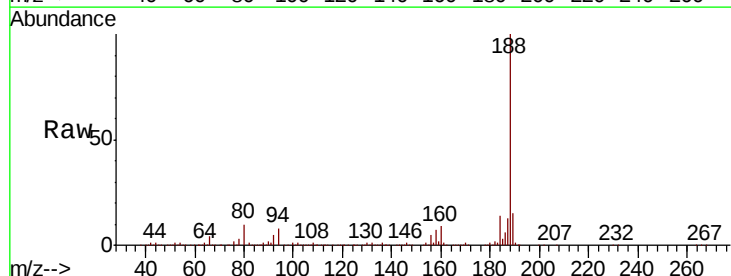
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

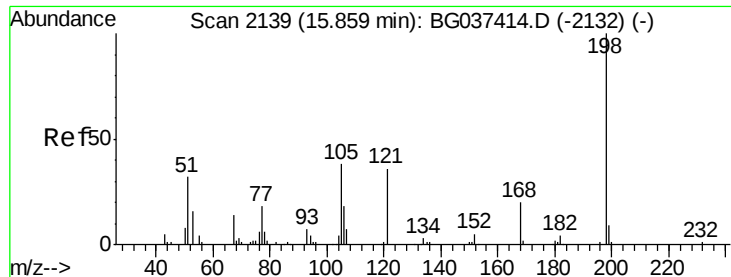
Tgt Ion:	77	Resp:	641463
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.0	48.0
105	21.2	1.3	41.3
51	29.0	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:	188	Resp:	404699
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.9	7.7	11.5

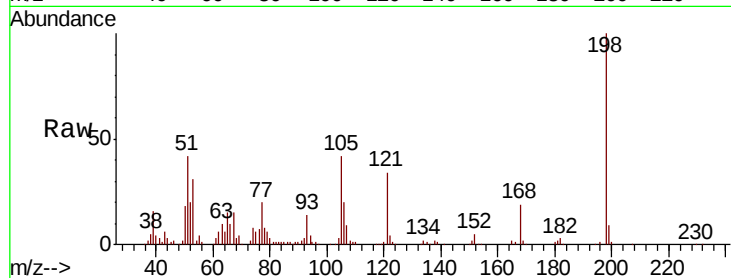




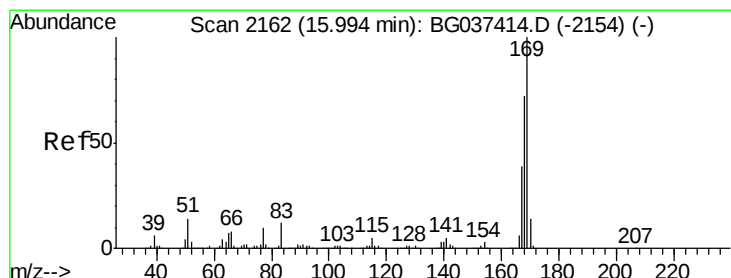
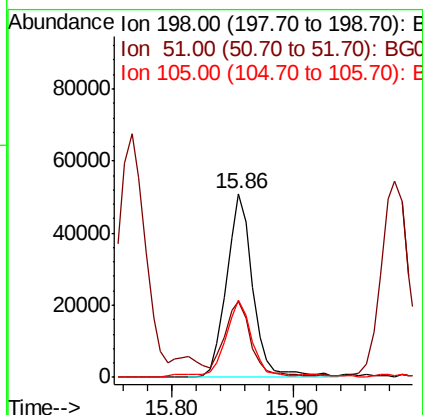
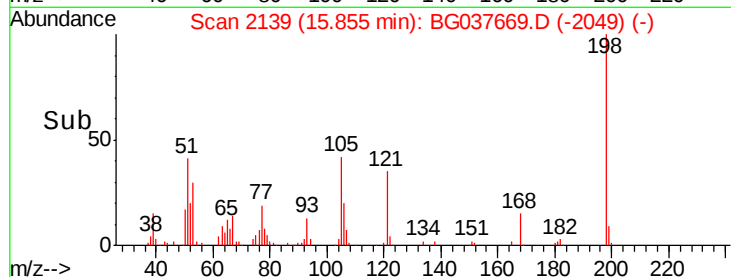
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.416 ng
 RT: 15.86 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion:198 Resp: 77199
 Ion Ratio Lower Upper
 198 100
 51 41.5 22.7 62.7
 105 41.9 19.7 59.7

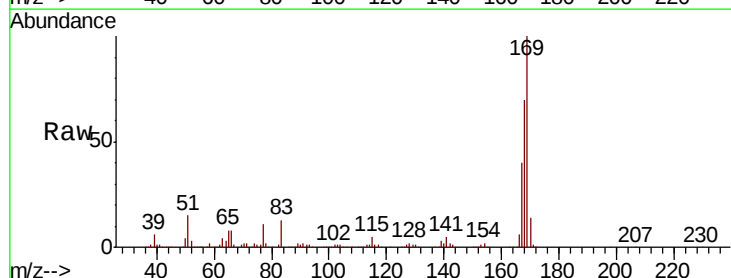


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

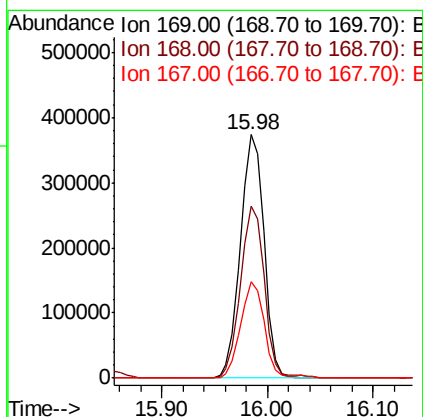
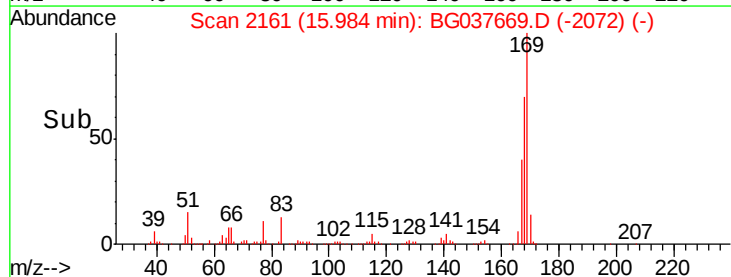


#66
 n-Nitrosodiphenylamine
 Concen: 47.391 ng
 RT: 15.98 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion:169 Resp: 576914
 Ion Ratio Lower Upper
 169 100
 168 70.5 55.7 83.5
 167 39.8 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

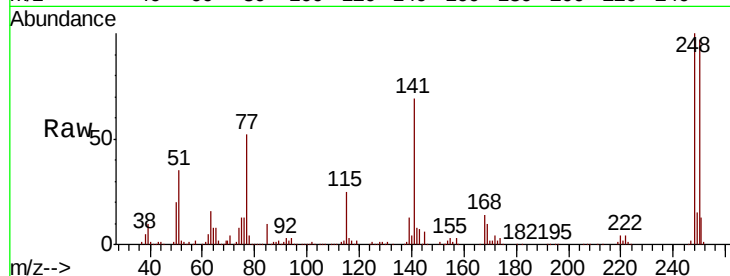




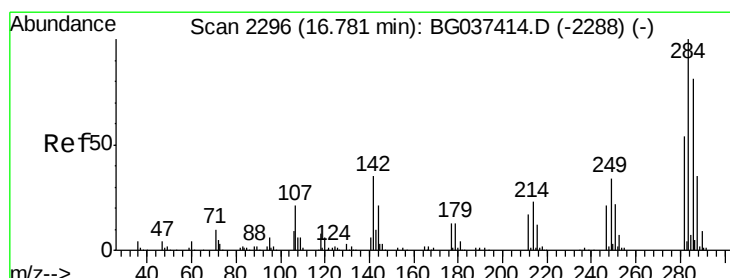
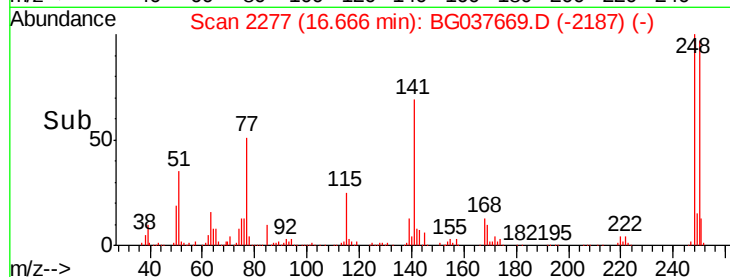
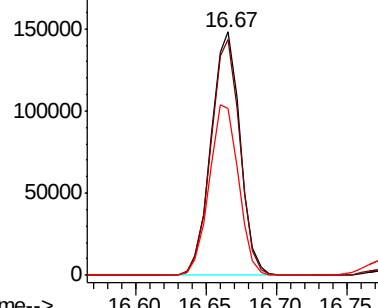
#67
 4-Bromophenyl-phenylether
 Concen: 47.737 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.0	115.6
141	68.8	55.5	83.3

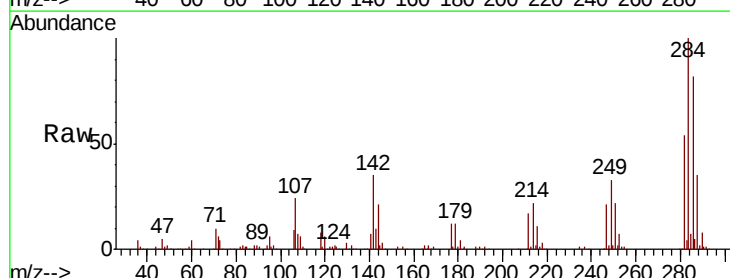


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

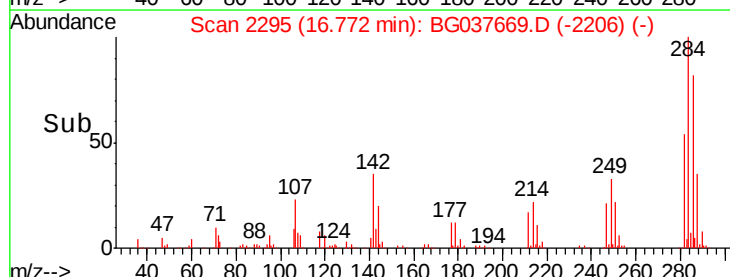
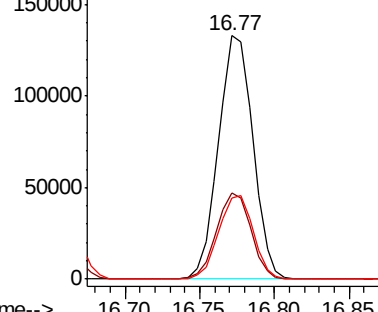


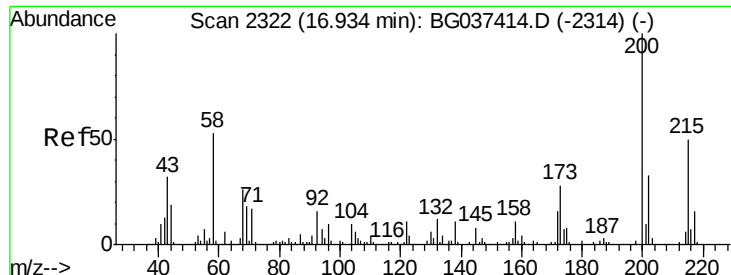
#68
 Hexachlorobenzene
 Concen: 46.040 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.1	42.1
249	35.9	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

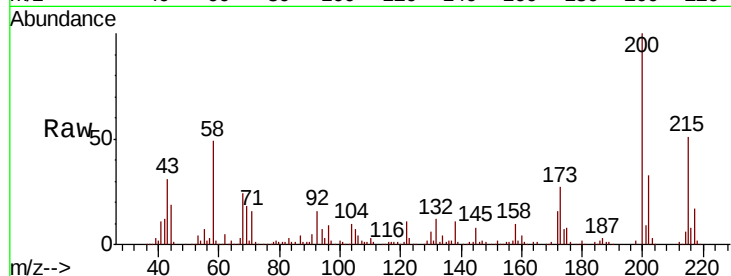




#69
 Atrazine
 Concen: 49.341 ng
 RT: 16.93 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-102618-AMSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.1	46.1
215	50.7	30.8	70.8

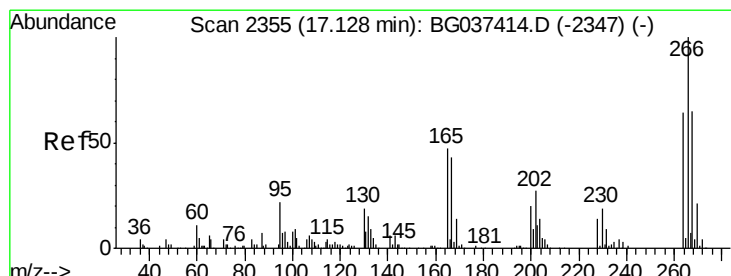
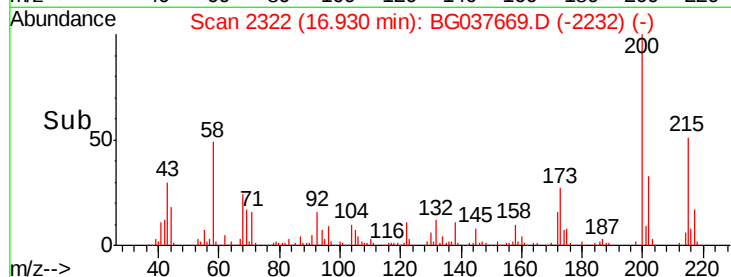
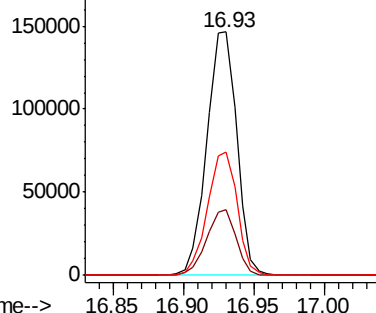


Abundance

Ion 200.00 (199.70 to 200.70): E

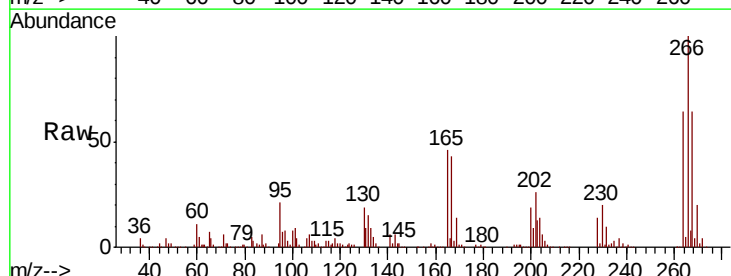
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 72.702 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037669.D
 Acq: 31 Oct 2018 1:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.0	55.0	82.6
264	69.2	58.9	88.3

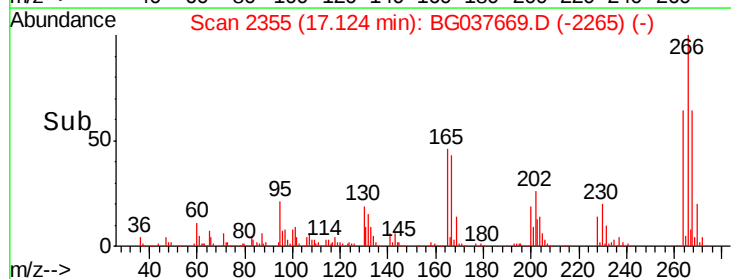
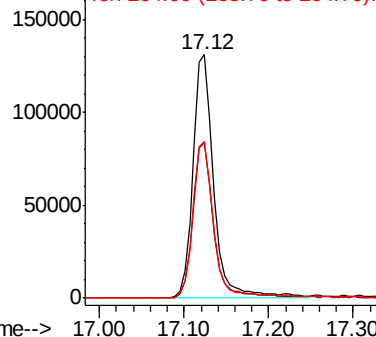


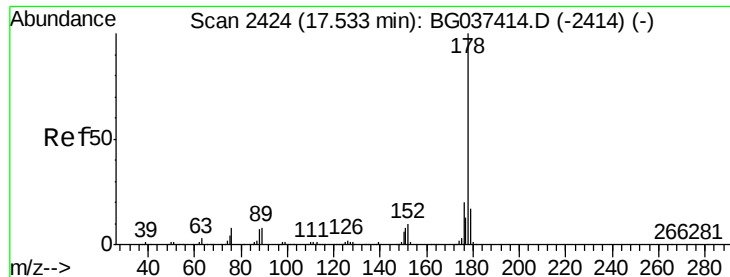
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

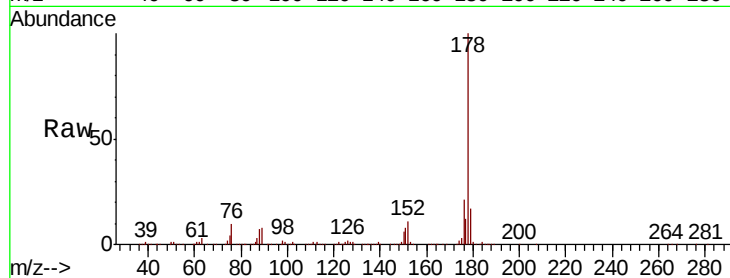




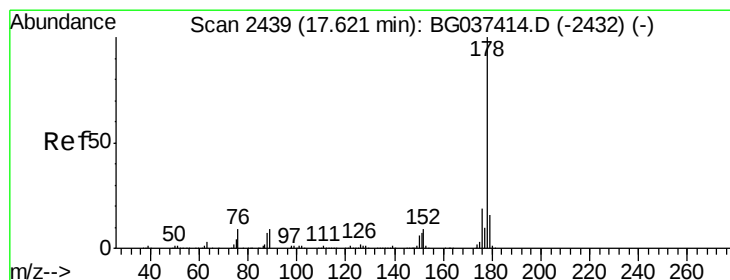
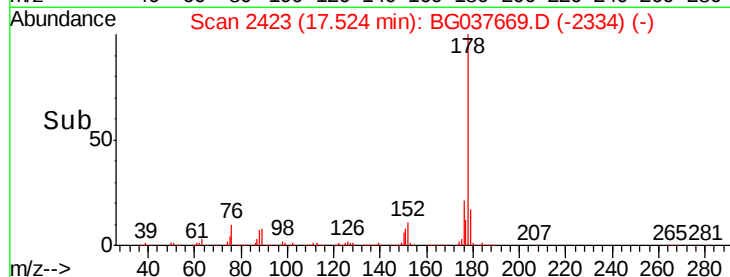
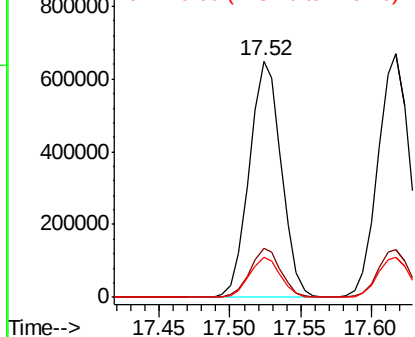
#71
Phenanthrene
Concen: 50.260 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion:178 Resp: 1033758
Ion Ratio Lower Upper
178 100
176 20.9 16.1 24.1
179 16.8 13.0 19.4

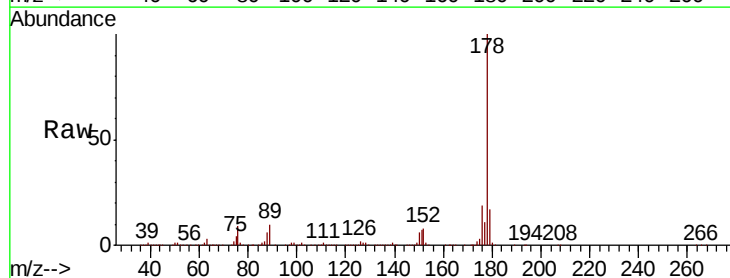


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

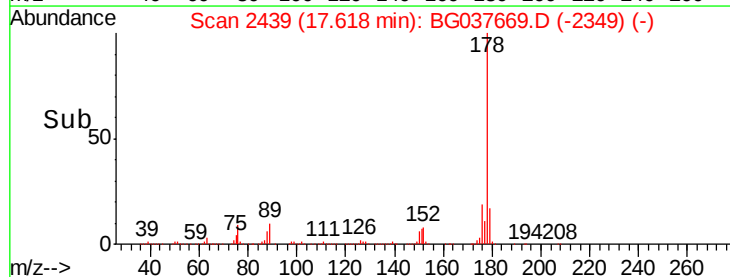
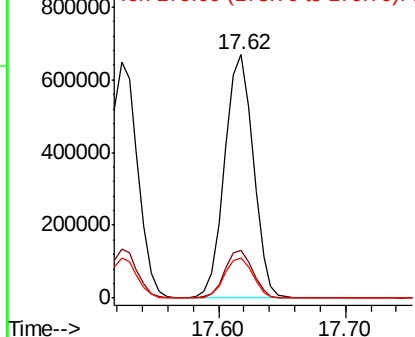


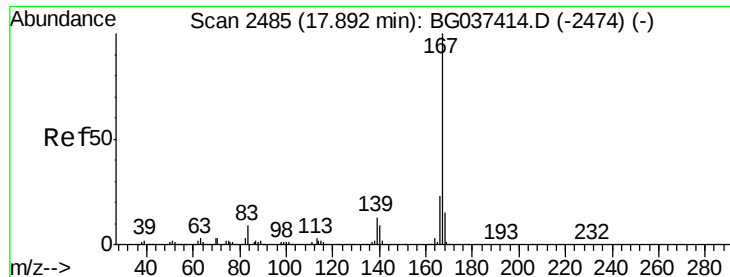
#72
Anthracene
Concen: 51.850 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:178 Resp: 1046577
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.001 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

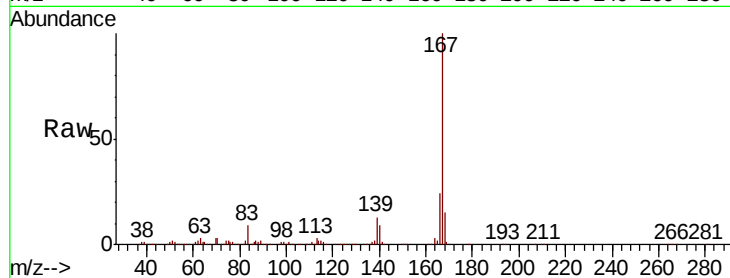
Tgt Ion:167 Resp: 948978

Ion Ratio Lower Upper

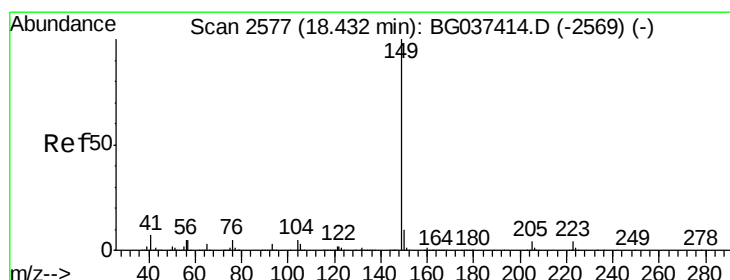
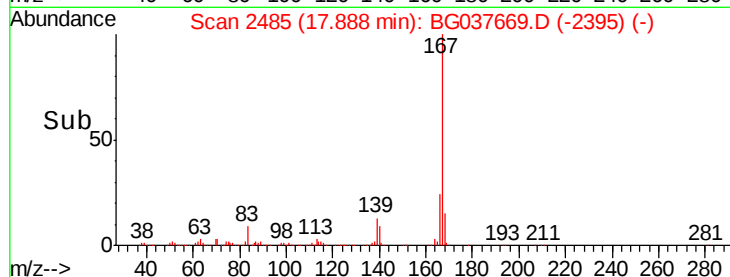
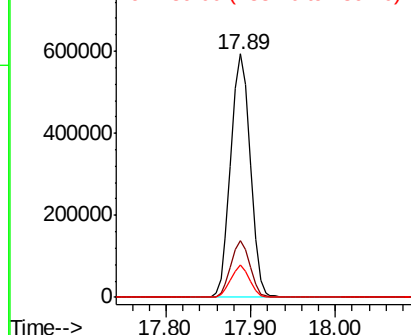
167 100

166 23.5 18.3 27.5

139 13.1 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: 49.913 ng

RT: 18.42 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

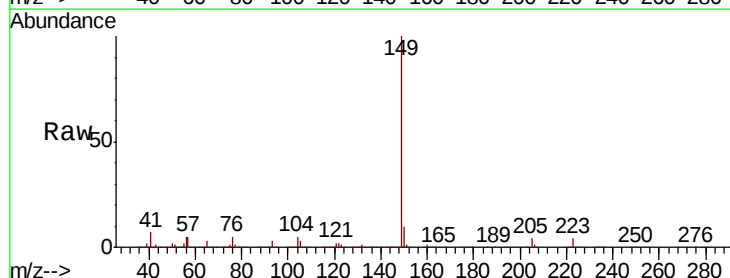
Tgt Ion:149 Resp: 1121056

Ion Ratio Lower Upper

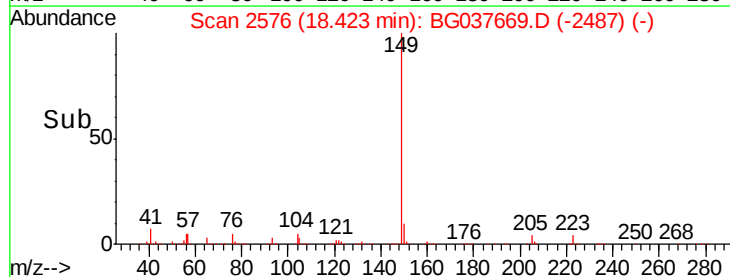
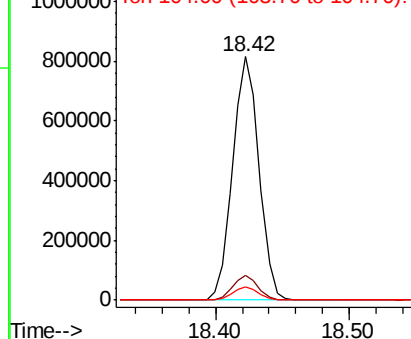
149 100

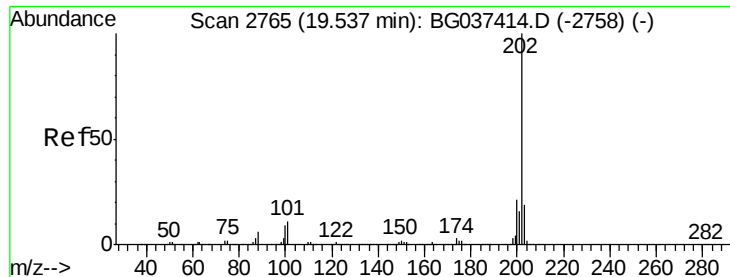
150 10.4 8.2 12.2

104 5.2 4.0 6.0



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





#75

Fluoranthene

Concen: 50.287 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

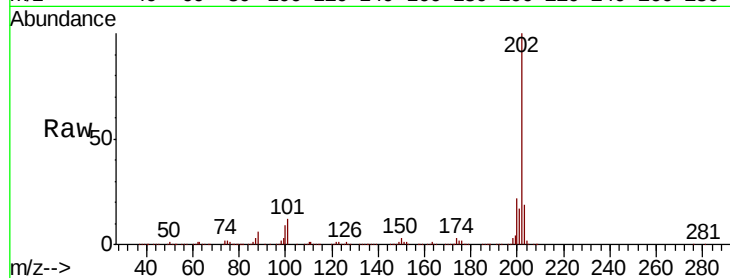
Tgt Ion:202 Resp: 1173087

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.7

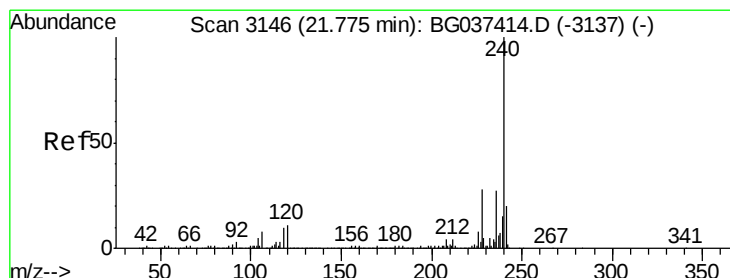
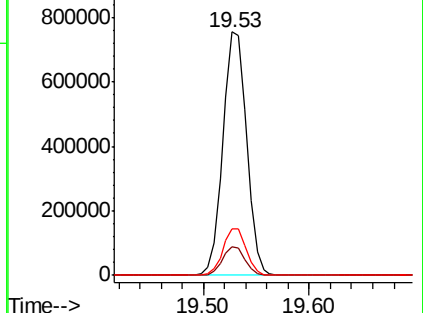
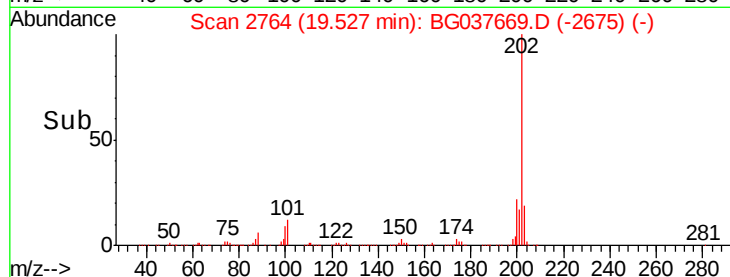
203 19.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

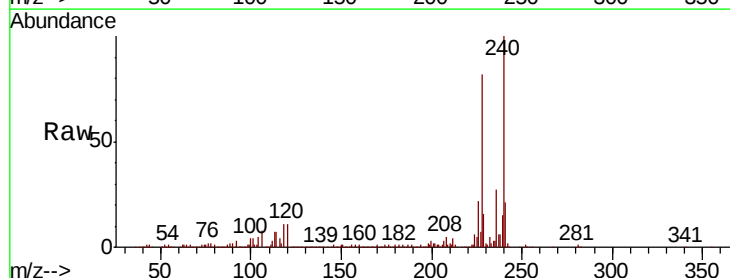
Tgt Ion:240 Resp: 355016

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

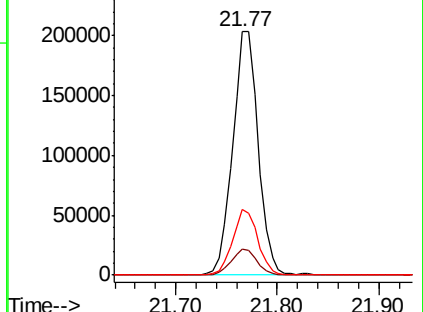
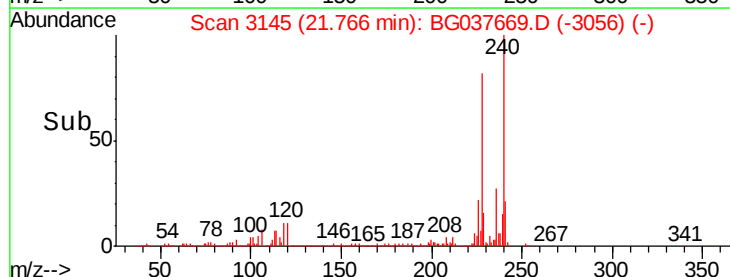
236 27.1 21.4 32.0



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: 8.729 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

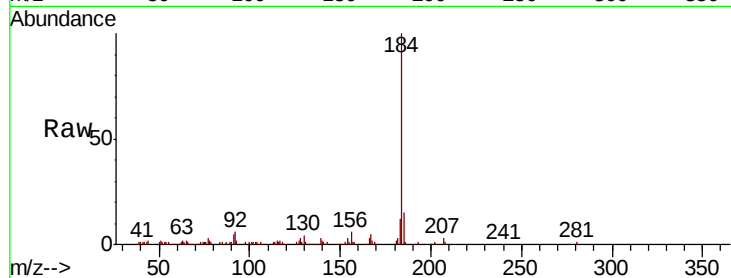
Tgt Ion:184 Resp: 105377

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

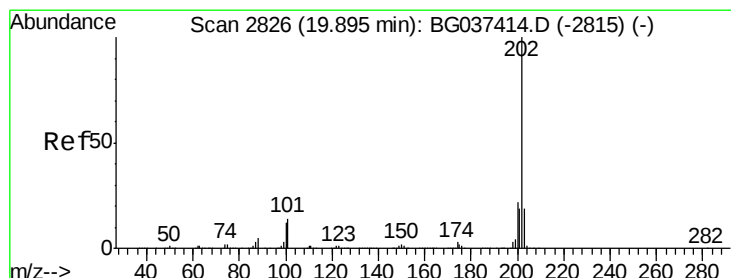
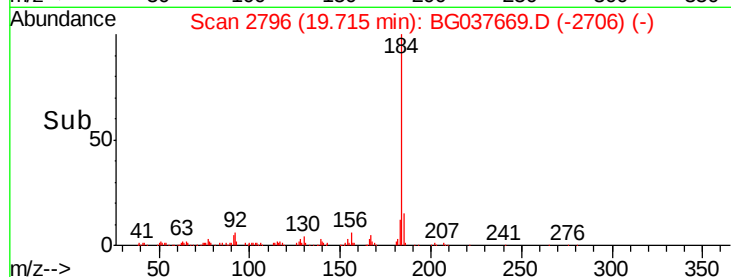
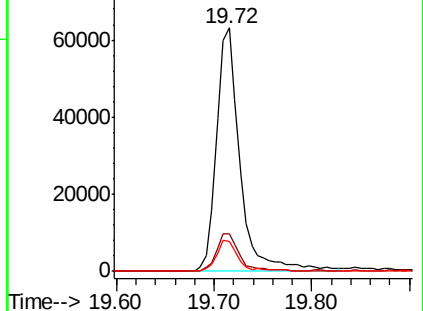
183 12.4 10.2 15.2



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: 50.169 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

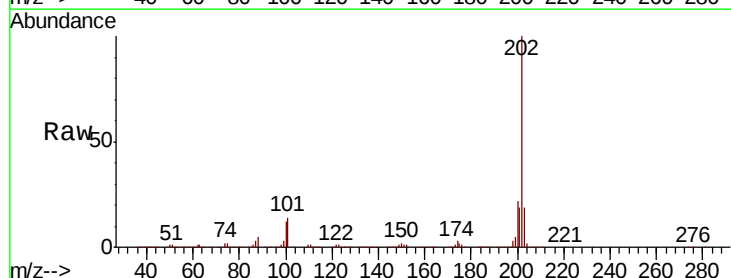
Tgt Ion:202 Resp: 1164310

Ion Ratio Lower Upper

202 100

200 22.3 17.8 26.6

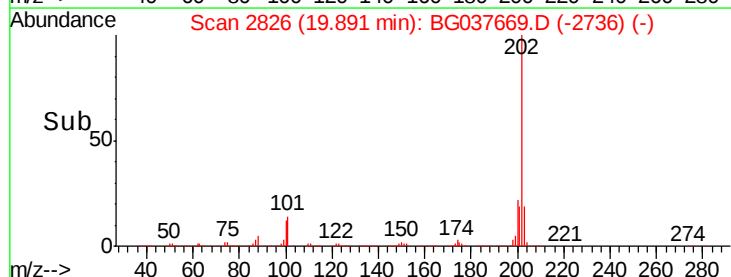
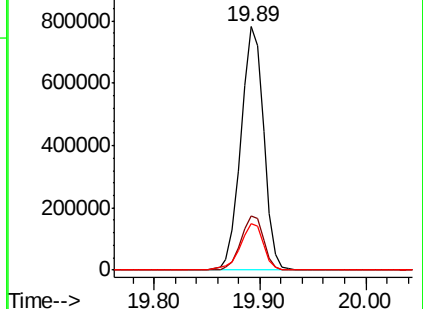
203 19.2 15.2 22.8



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: 81.656 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

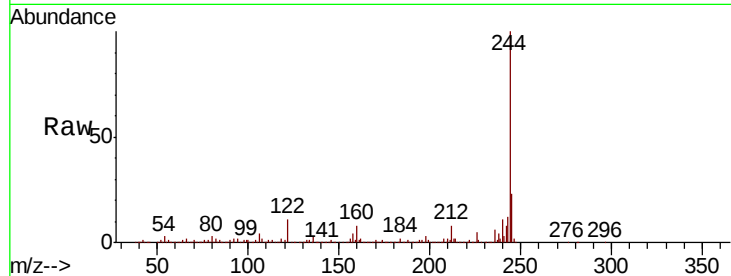
Tgt Ion:244 Resp: 1356692

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

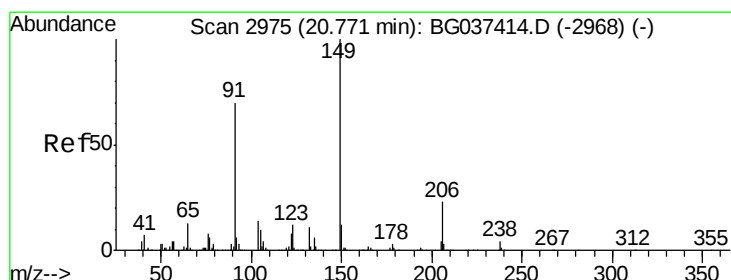
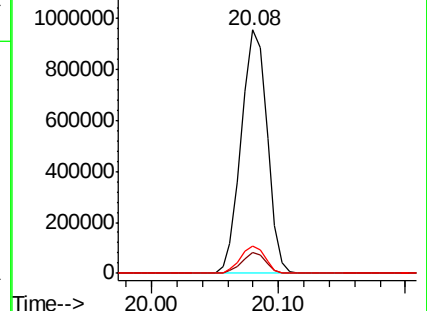
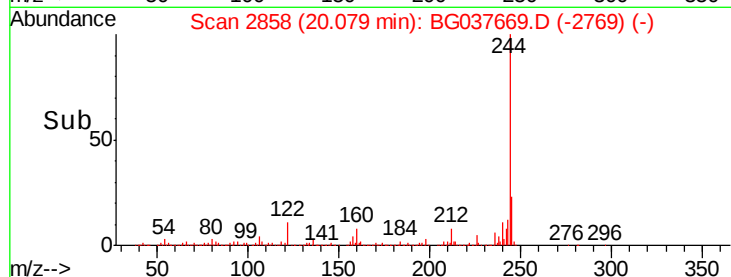
122 11.4 9.0 13.4



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: 53.799 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

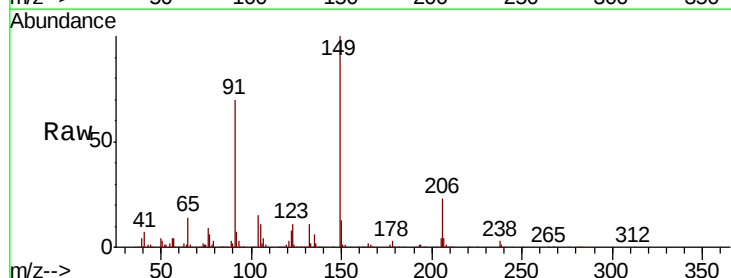
Tgt Ion:149 Resp: 510986

Ion Ratio Lower Upper

149 100

91 70.1 57.0 85.4

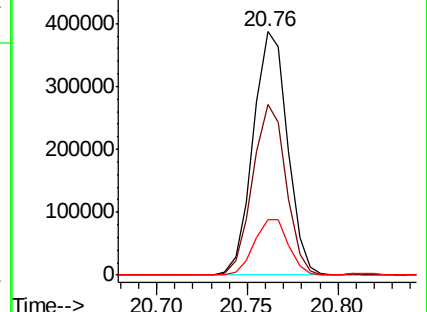
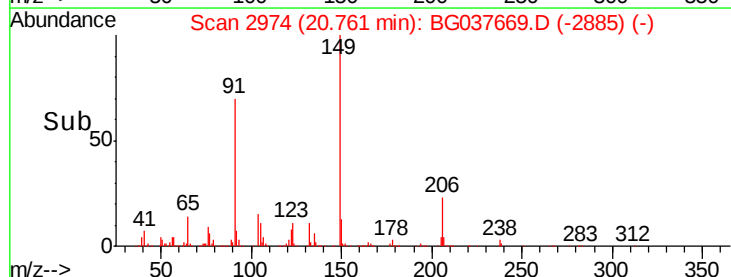
206 22.9 17.8 26.6



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: 52.271 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

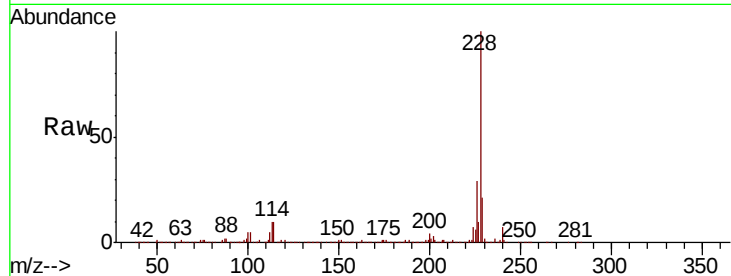
Tgt Ion:228 Resp: 1097627

Ion Ratio Lower Upper

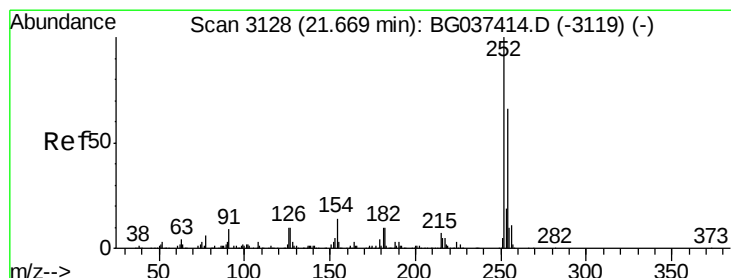
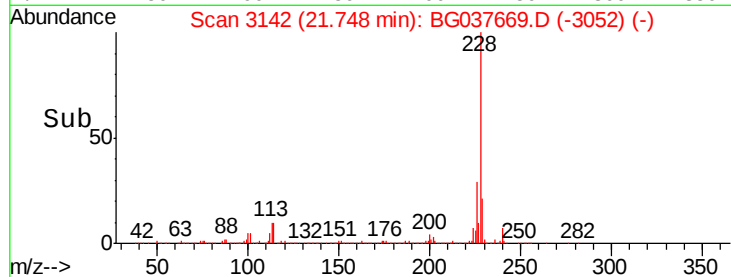
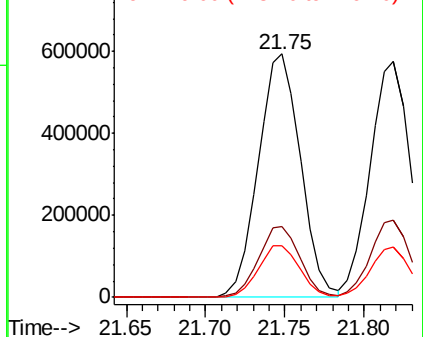
228 100

226 29.2 22.6 33.8

229 21.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
800000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.060 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

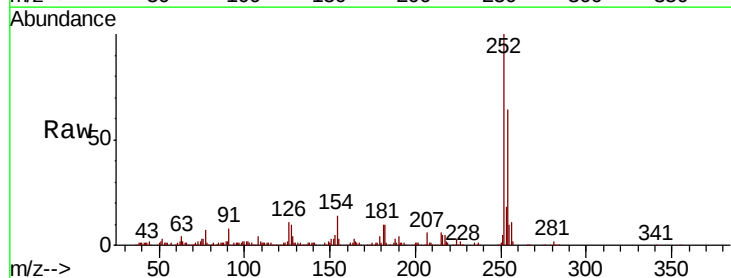
Tgt Ion:252 Resp: 195835

Ion Ratio Lower Upper

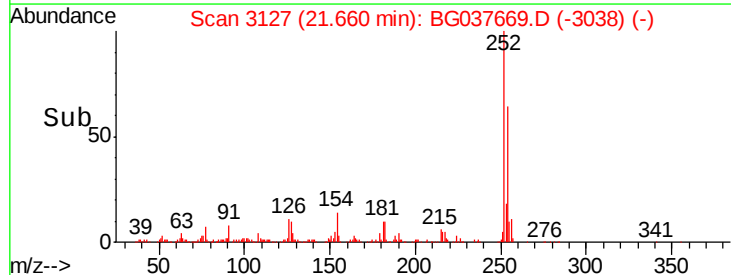
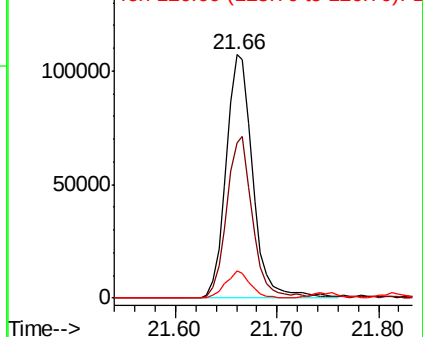
252 100

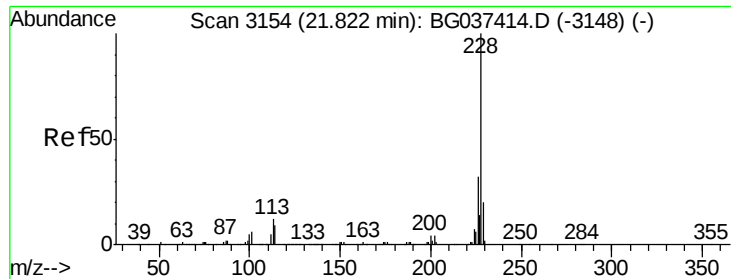
254 63.8 52.0 78.0

126 11.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
150000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.842 ng

RT: 21.82 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

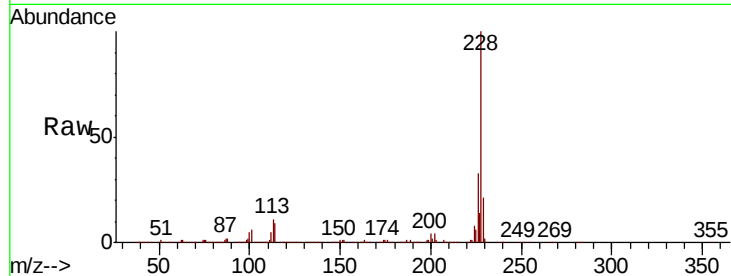
Tgt Ion:228 Resp: 1026605

Ion Ratio Lower Upper

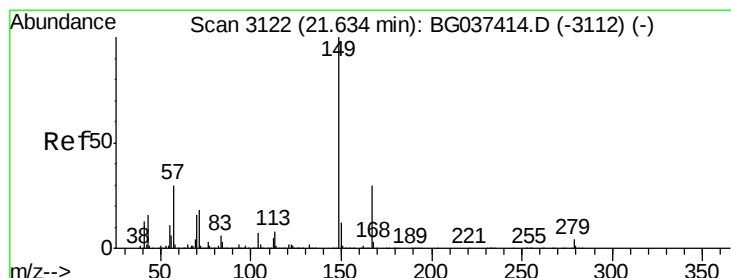
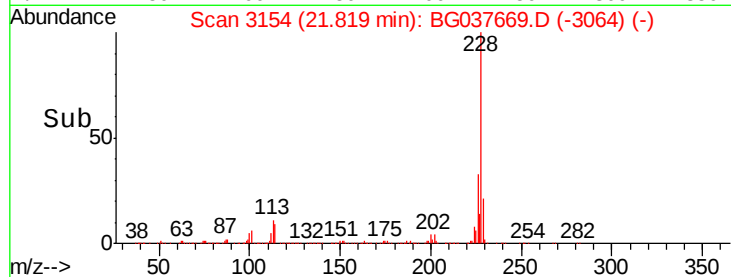
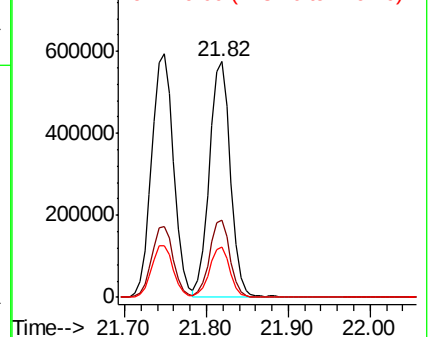
228 100

226 32.9 25.7 38.5

229 21.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.699 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

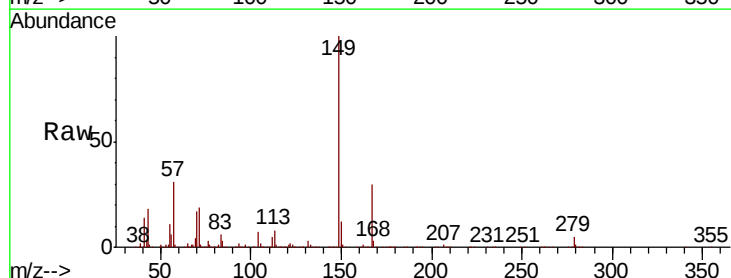
Tgt Ion:149 Resp: 714925

Ion Ratio Lower Upper

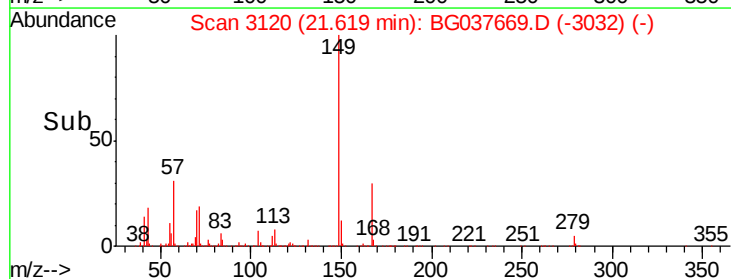
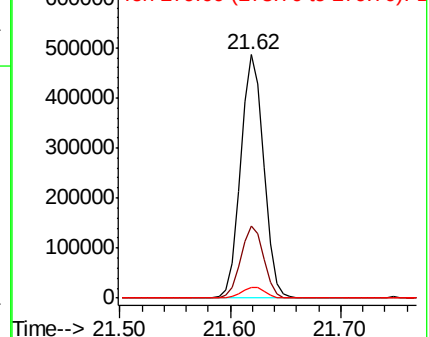
149 100

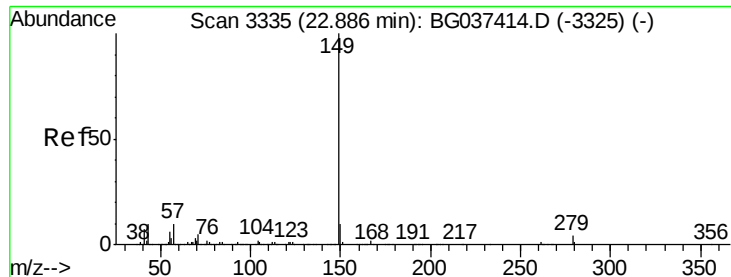
167 29.7 23.0 34.4

279 4.5 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

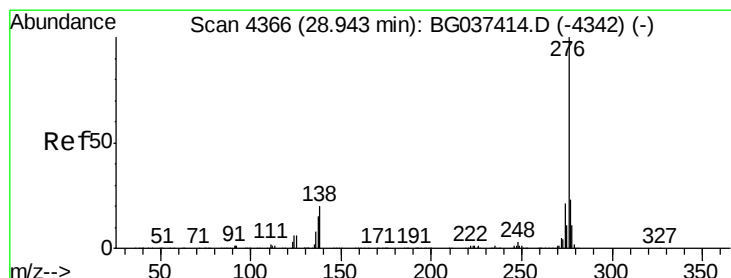
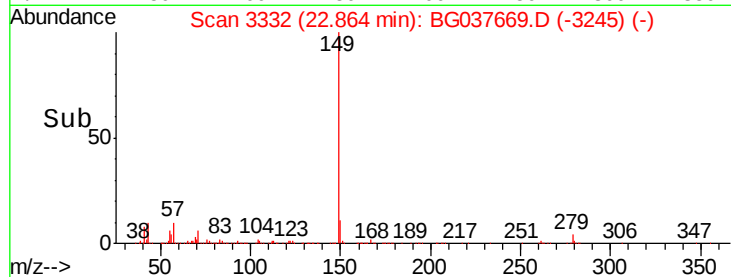
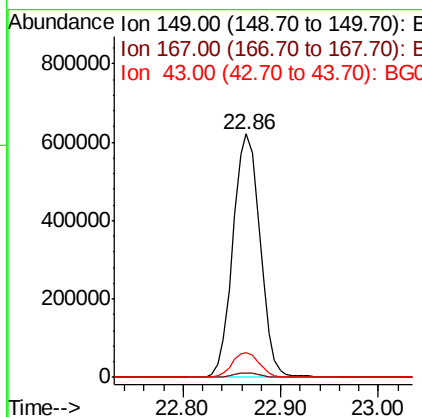
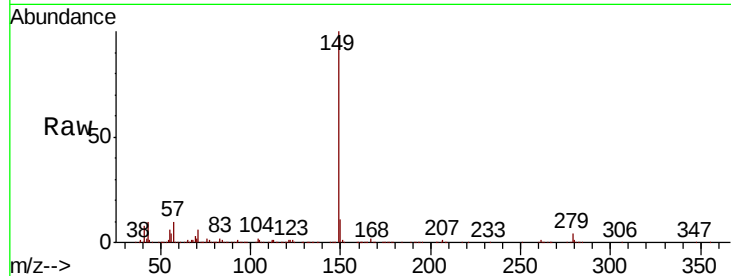




#85
Di-n-octyl phthalate
Concen: 55.411 ng
RT: 22.86 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

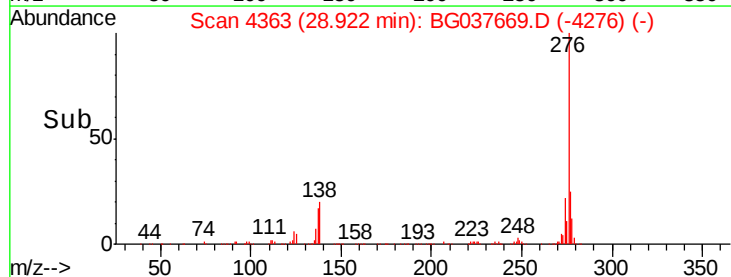
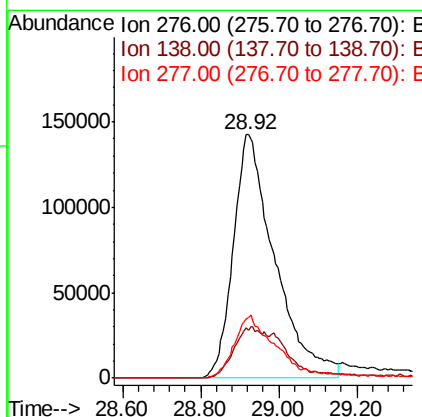
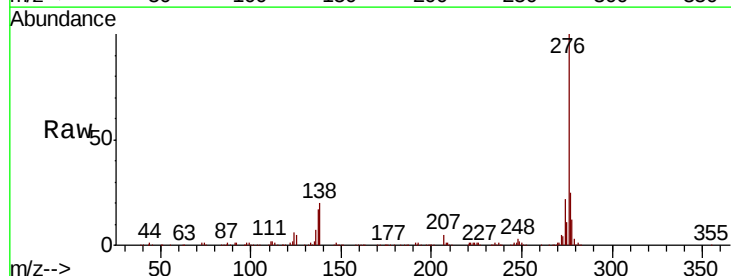
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

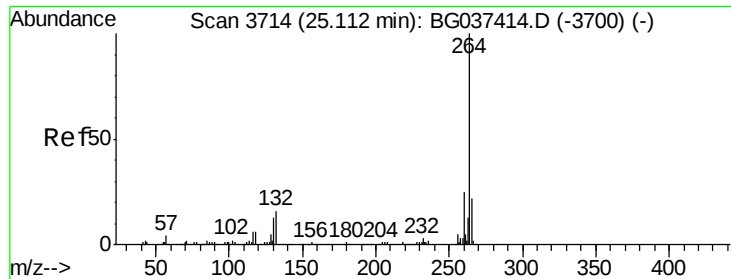
Tgt Ion:149 Resp: 1202967
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.1 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.663 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:276 Resp: 1053898
Ion Ratio Lower Upper
276 100
138 16.1 12.0 18.0
277 25.1 20.6 30.8



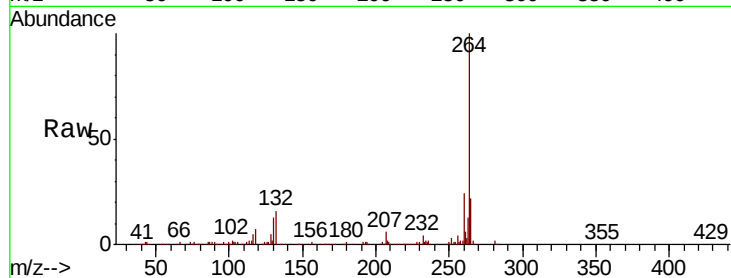


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

Tgt Ion: 264 Resp: 364383

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.9	17.9	26.9

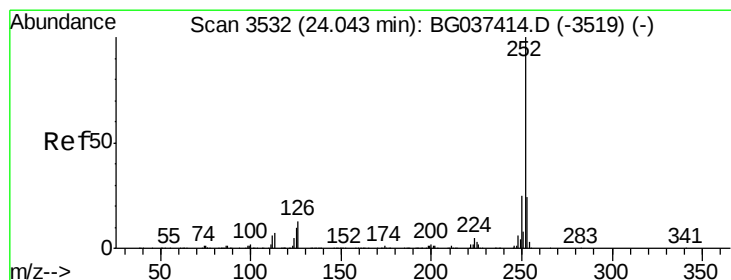
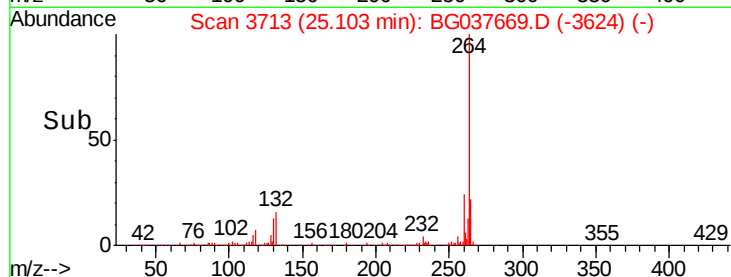
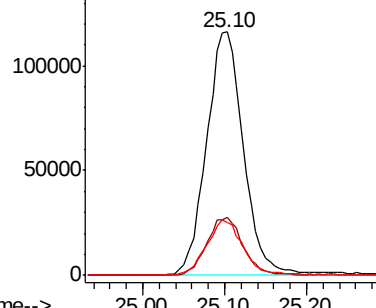


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

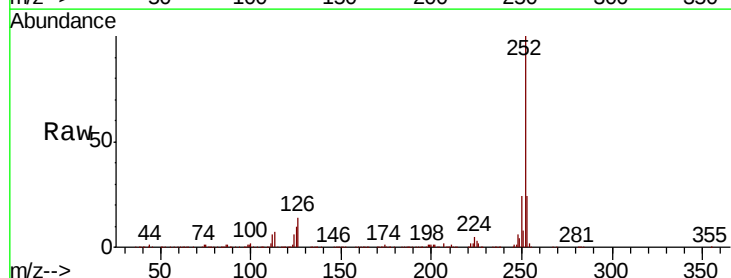
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 54.175 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion: 252 Resp: 1082246

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	10.0	7.8	11.6

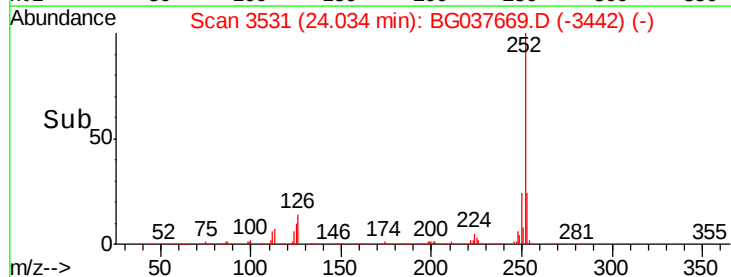
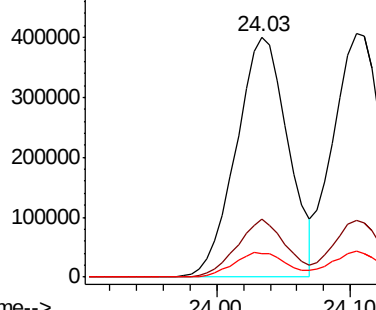


Abundance

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

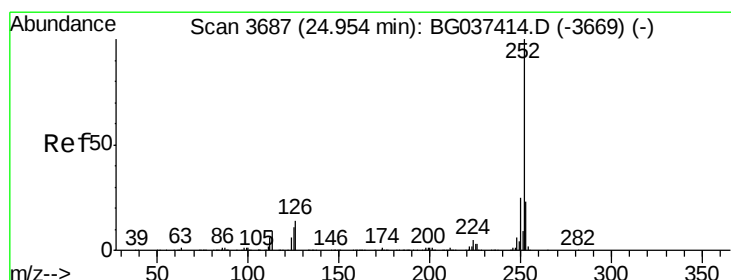
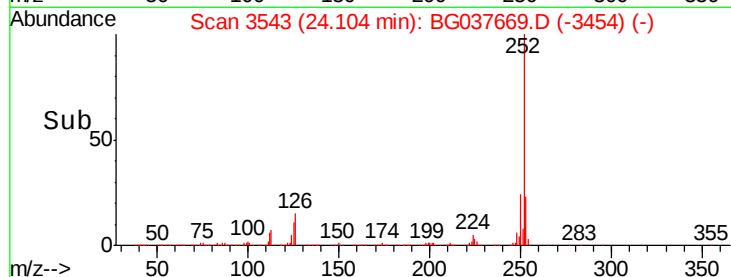
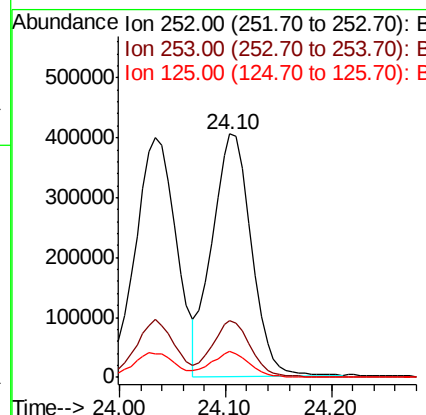
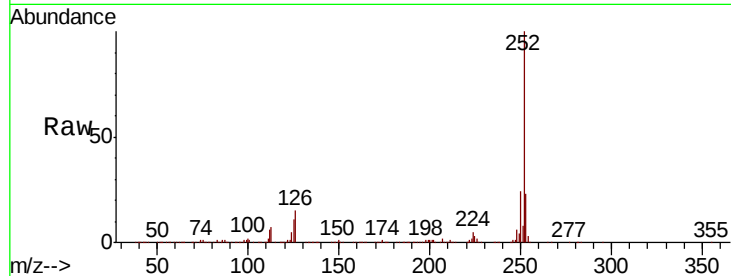




#89
Benzo(k)fluoranthene
Concen: 53.242 ng
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

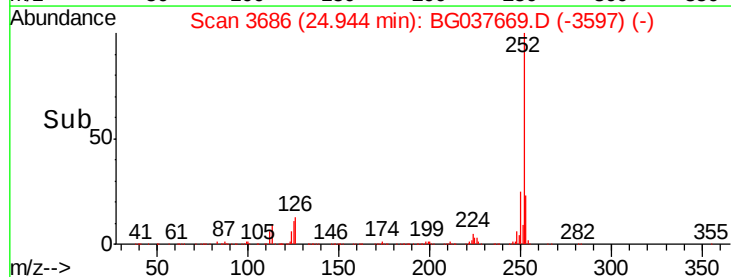
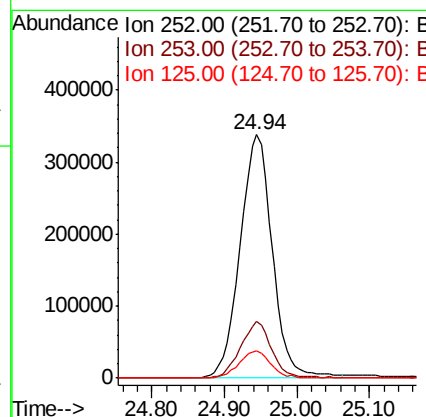
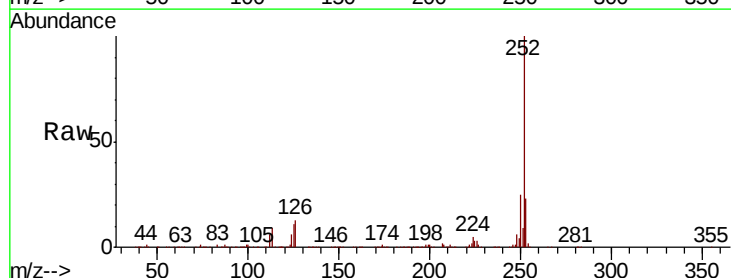
Instrument :
BNA_G
ClientSampleId :
HR-05-102618-AMSD

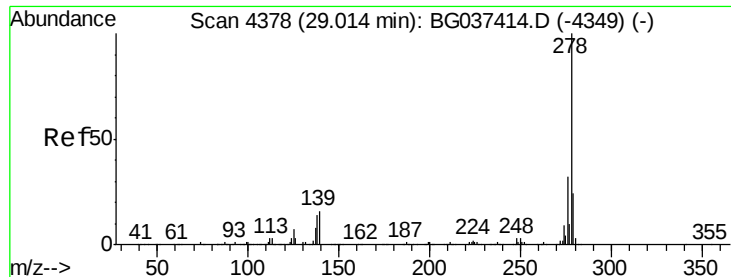
Tgt Ion:252 Resp: 1042047
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.7 7.4 11.0



#90
Benzo(a)pyrene
Concen: 54.934 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037669.D
Acq: 31 Oct 2018 1:47

Tgt Ion:252 Resp: 1042799
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 49.989 ng

RT: 28.99 min Scan# 4375

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

Instrument :

BNA_G

ClientSampleId :

HR-05-102618-AMSD

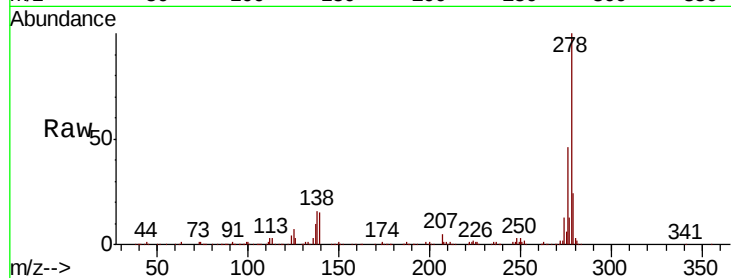
Tgt Ion:278 Resp: 875312

Ion Ratio Lower Upper

278 100

139 14.8 11.5 17.3

279 24.4 18.6 27.8

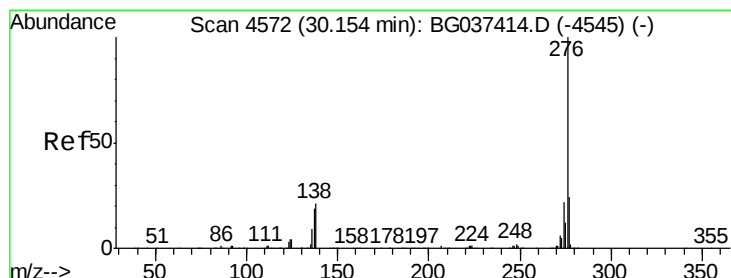
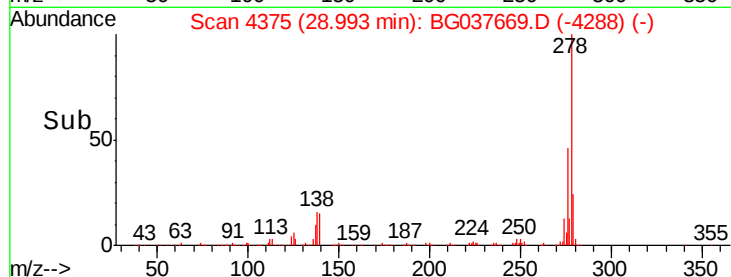
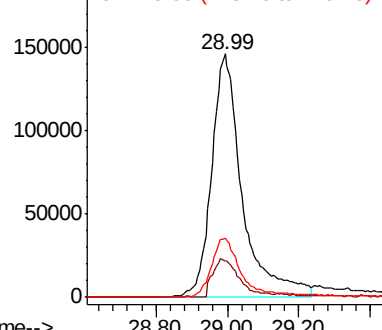


Abundance

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: 47.509 ng

RT: 30.14 min Scan# 4570

Delta R.T. -0.02 min

Lab File: BG037669.D

Acq: 31 Oct 2018 1:47

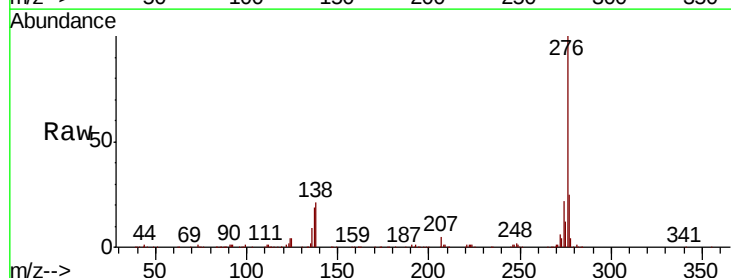
Tgt Ion:276 Resp: 841615

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 21.5 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

