

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037991.D
 Acq On : 13 Nov 2018 23:54
 Operator : JU/SJ
 Sample : PB114712BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Quant Time: Nov 14 00:46:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	43133	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	182812	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116344	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	274177	20.00	ng	0.00
76) Chrysene-d12	21.75	240	257986	20.00	ng	0.00
87) Perylene-d12	25.07	264	274565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	371336	148.64	ng	0.00
7) Phenol-d6	7.24	99	500884	140.46	ng	0.00
23) Nitrobenzene-d5	9.26	82	234569	68.69	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	176272	132.85	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	539031	67.50	ng	0.00
79) Terphenyl-d14	20.07	244	901194	82.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	47032	39.858	ng	95
3) Pyridine	3.92	79	126626	37.619	ng	98
4) n-Nitrosodimethylamine	3.84	42	59417	48.655	ng	97
6) Aniline	7.41	93	168184	36.542	ng	98
8) 2-Chlorophenol	7.65	128	133792	46.155	ng	98
9) Benzaldehyde	7.22	77	82773	32.097	ng	94
10) Phenol	7.26	94	177391	46.964	ng	100
11) bis(2-Chloroethyl)ether	7.51	93	128053	41.526	ng	99
12) 1,3-Dichlorobenzene	7.97	146	135585	40.602	ng	98
13) 1,4-Dichlorobenzene	8.12	146	137820	40.856	ng	98
14) 1,2-Dichlorobenzene	8.44	146	132638	41.184	ng	97
15) Benzyl Alcohol	8.32	79	116536	45.163	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	239345	41.799	ng	98
17) 2-Methylphenol	8.52	107	120563	47.211	ng	98
18) Hexachloroethane	9.17	117	49849	40.604	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	102729	39.813	ng	98
20) 3+4-Methylphenols	8.85	107	164145	45.342	ng	98
22) Acetophenone	8.92	105	194241	42.705	ng	# 97
24) Nitrobenzene	9.30	77	151847	43.465	ng	95
25) Isophorone	9.82	82	286759	46.651	ng	96
26) 2-Nitrophenol	10.02	139	72938	41.821	ng	96
27) 2,4-Dimethylphenol	10.06	122	139333	53.024	ng	100
28) bis(2-Chloroethoxy)methane	10.30	93	180380	45.891	ng	99
29) 2,4-Dichlorophenol	10.54	162	139437	47.175	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	137969	41.656	ng	99
31) Naphthalene	10.96	128	411437	45.758	ng	99
32) Benzoic acid	10.17	122	44714	31.970	ng	89
33) 4-Chloroaniline	11.07	127	114180	27.299	ng	96
34) Hexachlorobutadiene	11.22	225	80683	39.581	ng	96
35) Caprolactam	11.85	113	24461	20.676	ng	95
36) 4-Chloro-3-methylphenol	12.17	107	150442	46.589	ng	99
37) 2-Methylnaphthalene	12.55	142	305558	47.309	ng	96
38) 1-Methylnaphthalene	12.78	142	292730	47.086	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	154299	39.689	ng	98

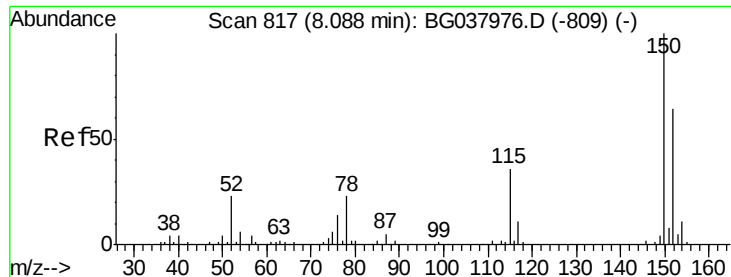
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037991.D
 Acq On : 13 Nov 2018 23:54
 Operator : JU/SJ
 Sample : PB114712BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Quant Time: Nov 14 00:46:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	208059	99.944	ng	97
43) 2,4,6-Trichlorophenol	13.15	196	115312	43.527	ng	98
44) 2,4,5-Trichlorophenol	13.22	196	125518	45.029	ng	97
46) 1,1'-Biphenyl	13.56	154	396225	40.538	ng	100
47) 2-Chloronaphthalene	13.61	162	310880	41.681	ng	98
48) 2-Nitroaniline	13.81	65	105242	44.833	ng	99
49) Acenaphthylene	14.45	152	519510	46.319	ng	100
50) Dimethylphthalate	14.17	163	408231	44.260	ng	100
51) 2,6-Dinitrotoluene	14.30	165	92727	44.420	ng	95
52) Acenaphthene	14.79	154	299092	44.295	ng	97
53) 3-Nitroaniline	14.63	138	70028	30.401	ng	# 93
54) 2,4-Dinitrophenol	14.84	184	84131	75.292	ng	93
55) Dibenzofuran	15.12	168	486203	43.546	ng	99
56) 4-Nitrophenol	14.93	139	163679	92.132	ng	98
57) 2,4-Dinitrotoluene	15.09	165	131333	46.240	ng	95
58) Fluorene	15.77	166	385984	46.333	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	111654	47.870	ng	99
60) Diethylphthalate	15.53	149	419473	42.818	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	199466	40.920	ng	100
62) 4-Nitroaniline	15.80	138	102691	44.877	ng	93
63) Azobenzene	16.05	77	385565	44.018	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	69405	40.022	ng	97
66) n-Nitrosodiphenylamine	15.97	169	354131	42.694	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	123727	41.114	ng	96
68) Hexachlorobenzene	16.76	284	129773	41.778	ng	96
69) Atrazine	16.91	200	132770	43.422	ng	99
70) Pentachlorophenol	17.11	266	154720	73.340	ng	96
71) Phenanthrene	17.51	178	653146	46.529	ng	99
72) Anthracene	17.61	178	673855	48.699	ng	99
73) Carbazole	17.88	167	611487	44.046	ng	99
74) Di-n-butylphthalate	18.41	149	724267	46.475	ng	100
75) Fluoranthene	19.52	202	777336	48.536	ng	99
77) Benzidine	19.70	184	422956	46.722	ng	99
78) Pyrene	19.88	202	782986	46.420	ng	99
80) Butylbenzylphthalate	20.75	149	334685	45.373	ng	98
81) Benzo(a)anthracene	21.73	228	737907	47.331	ng	98
82) 3,3'-Dichlorobenzidine	21.65	252	165468	27.247	ng	99
83) Chrysene	21.80	228	688350	46.147	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	471490	44.821	ng	99
85) Di-n-octyl phthalate	22.84	149	811957	47.711	ng	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	819279	49.453	ng	98
88) Benzo(b)fluoranthene	24.01	252	726278	48.068	ng	99
89) Benzo(k)fluoranthene	24.08	252	701567	47.056	ng	97
90) Benzo(a)pyrene	24.92	252	707355	48.987	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	672569	48.408	ng	98
92) Benzo(g,h,i)perylene	30.09	276	674987	48.860	ng	99

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

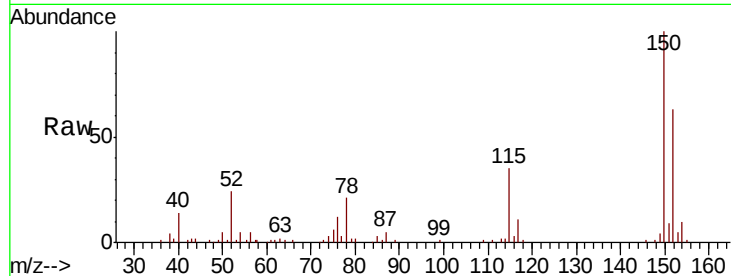


#1

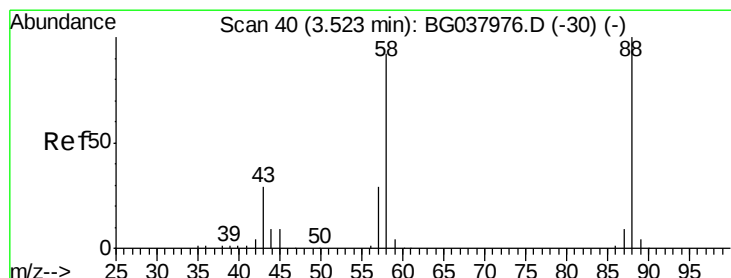
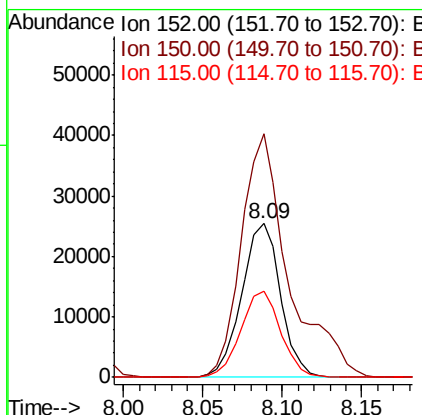
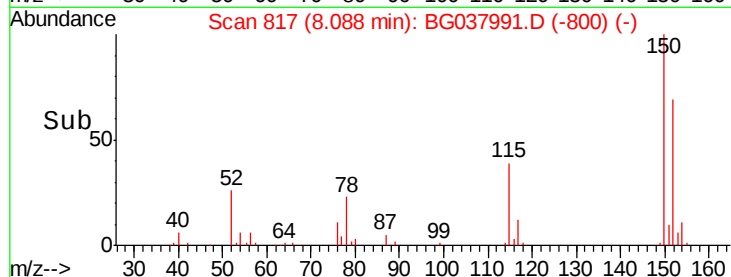
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB114712BS

Tgt Ion:152 Resp: 43133
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 56.1 45.5 68.3



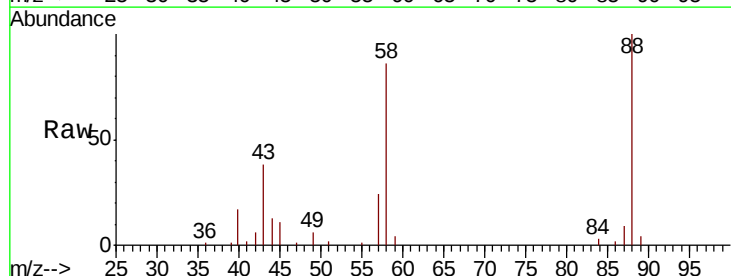
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



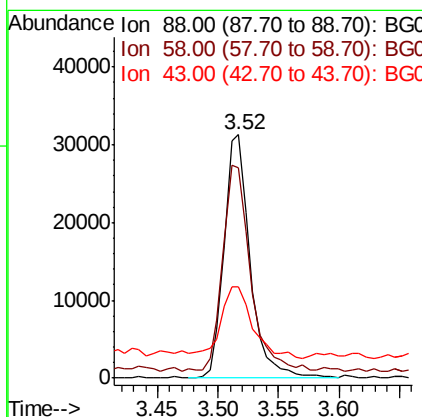
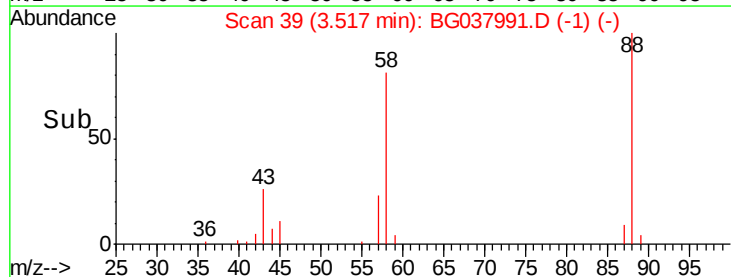
#2

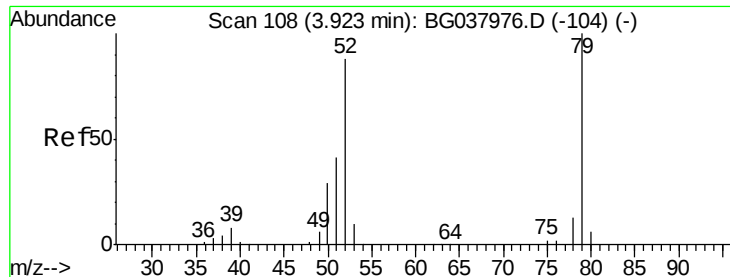
1,4-Dioxane
Concen: 39.858 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion: 88 Resp: 47032
Ion Ratio Lower Upper
88 100
58 87.9 74.4 111.6
43 34.8 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: 37.619 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

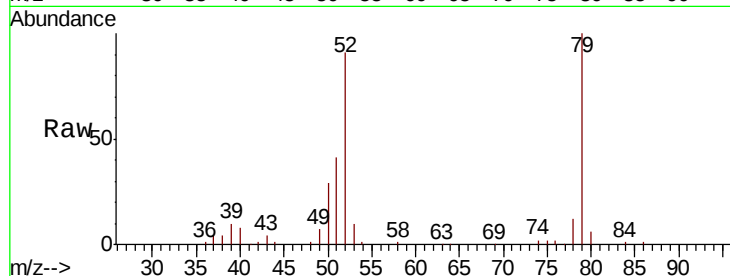
Tgt Ion: 79 Resp: 126626

Ion Ratio Lower Upper

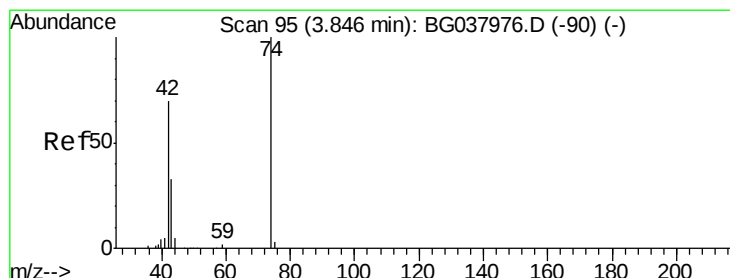
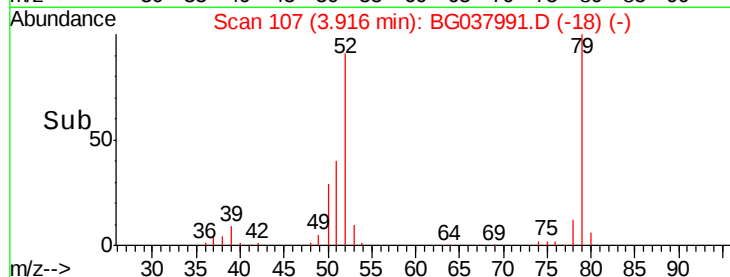
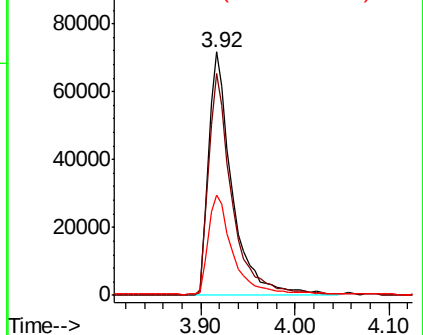
79 100

52 91.3 74.2 111.2

51 41.3 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: 48.655 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

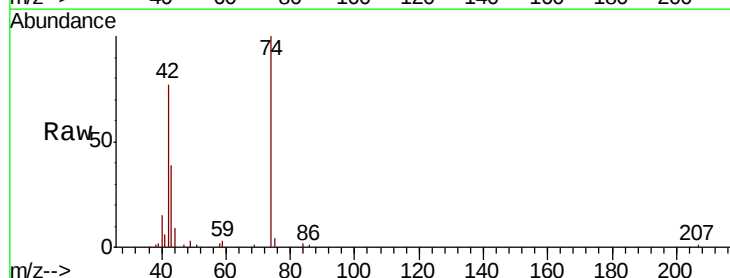
Tgt Ion: 42 Resp: 59417

Ion Ratio Lower Upper

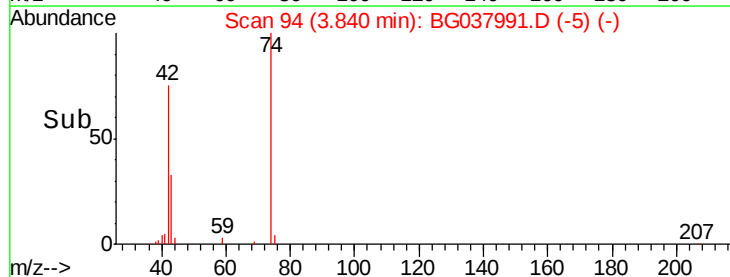
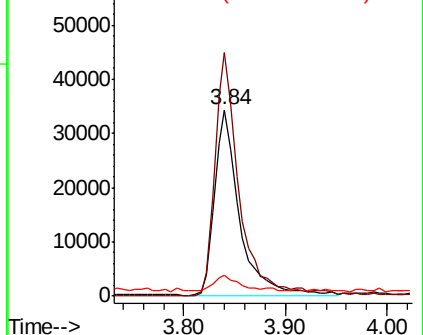
42 100

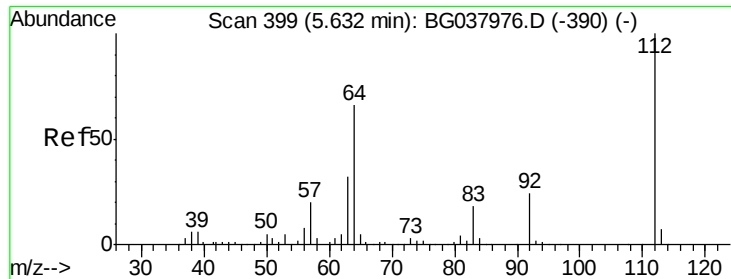
74 130.7 102.0 153.0

44 11.2 9.6 14.4



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

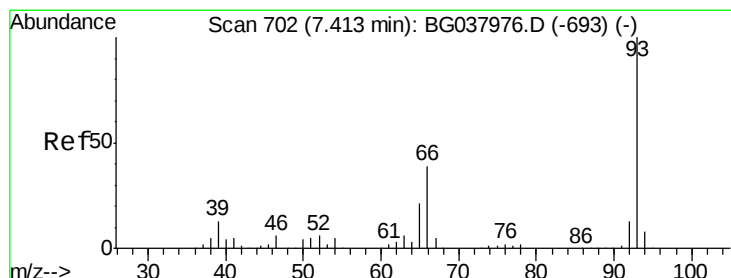
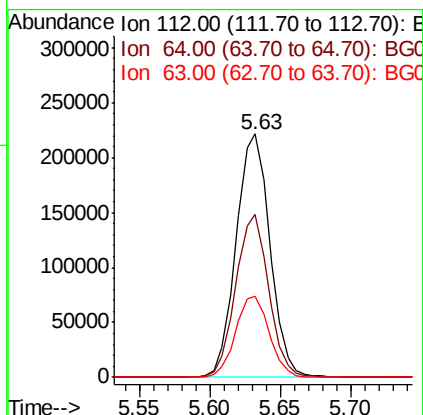
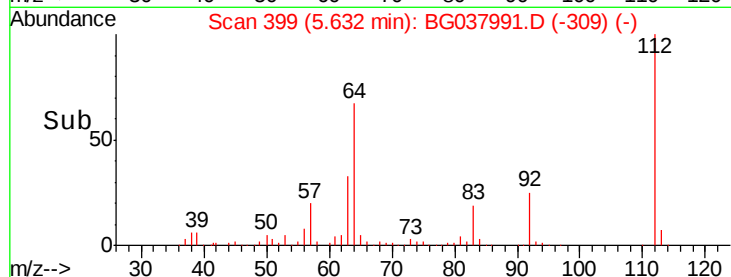
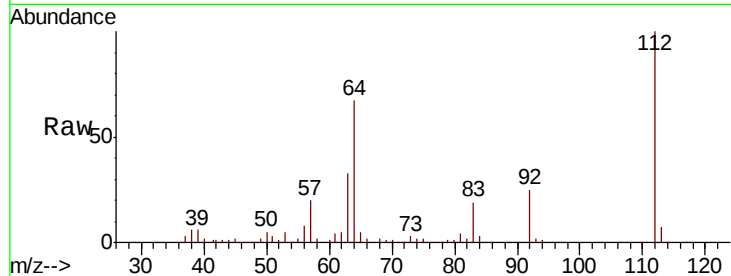




#5
 2-Fluorophenol
 Concen: 148.642 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

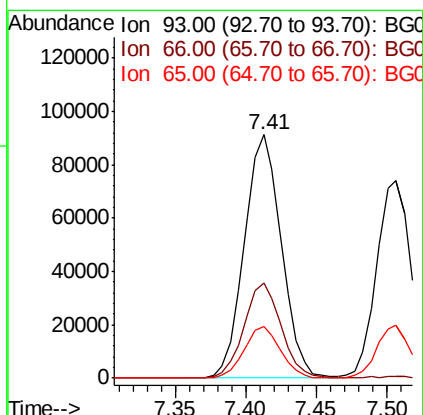
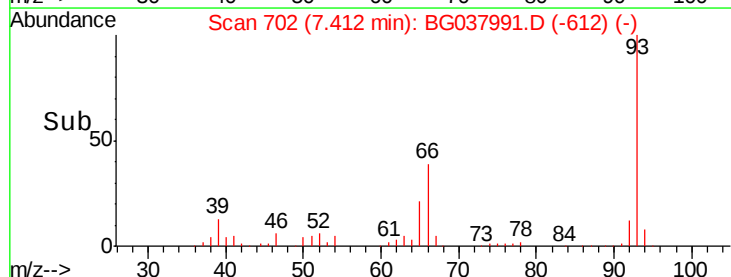
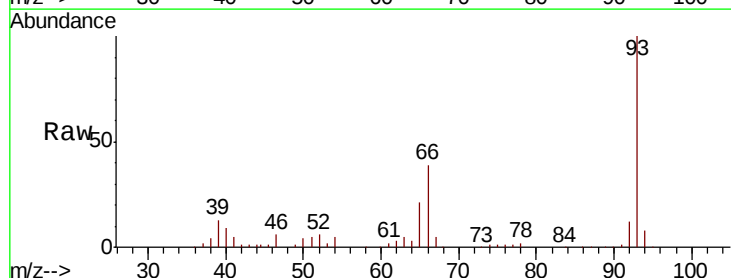
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

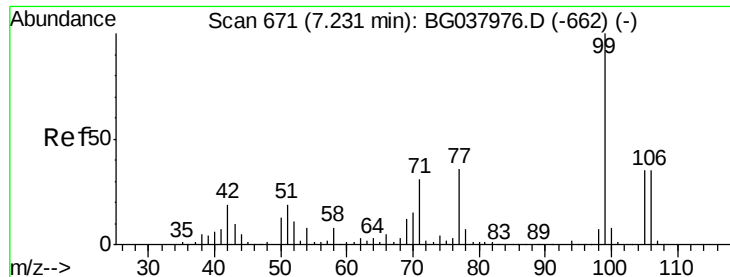
Tgt Ion: 112 Resp: 371336
 Ion Ratio Lower Upper
 112 100
 64 67.0 53.1 79.7
 63 33.0 27.3 40.9



#6
 Aniline
 Concen: 36.542 ng
 RT: 7.41 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion: 93 Resp: 168184
 Ion Ratio Lower Upper
 93 100
 66 39.1 32.8 49.2
 65 21.1 16.4 24.6





#7

Phenol-d6

Concen: 140.460 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

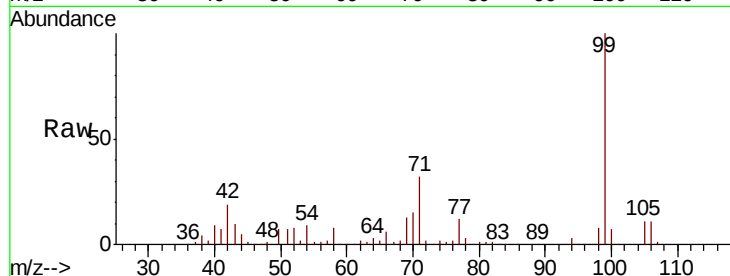
Tgt Ion: 99 Resp: 500884

Ion Ratio Lower Upper

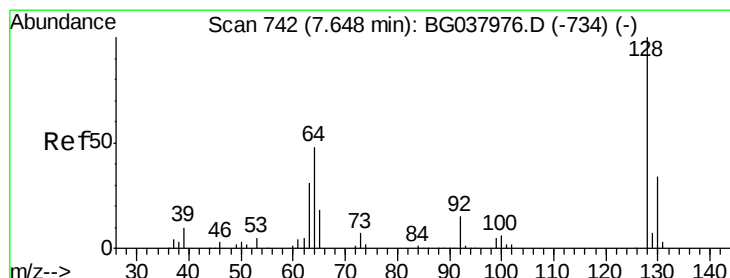
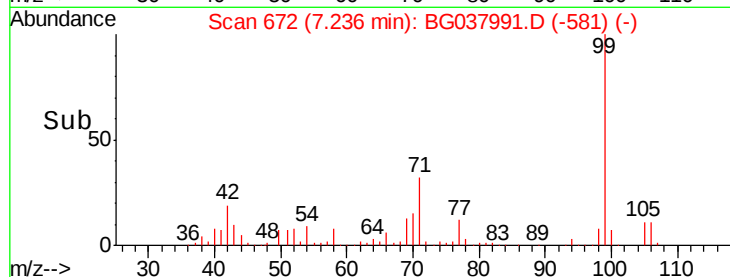
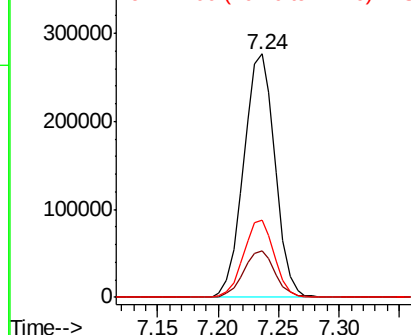
99 100

42 19.0 15.0 22.4

71 31.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 46.155 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

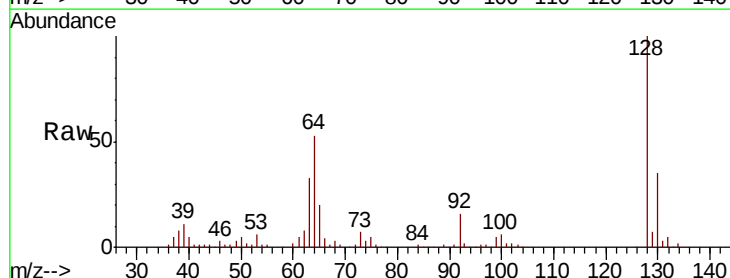
Tgt Ion: 128 Resp: 133792

Ion Ratio Lower Upper

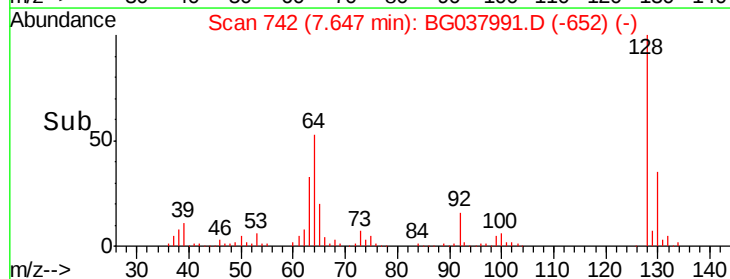
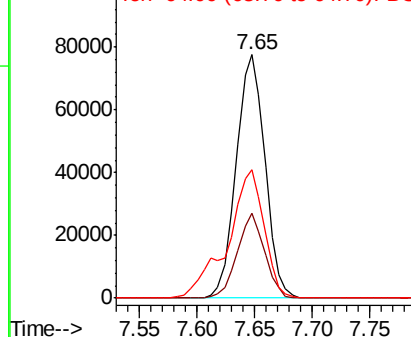
128 100

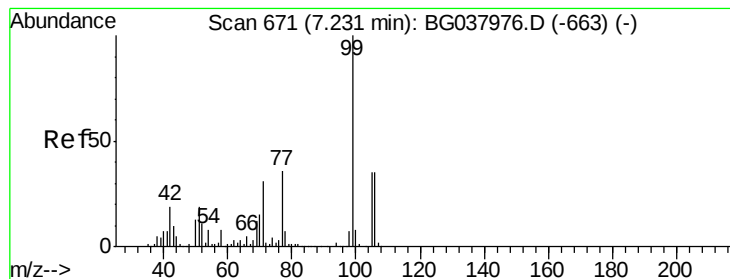
130 34.7 12.0 52.0

64 52.6 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: 32.097 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

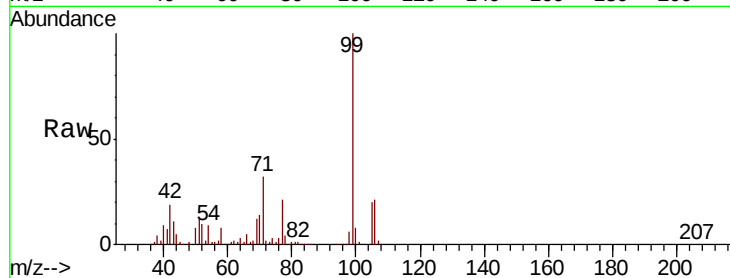
Tgt Ion: 77 Resp: 82773

Ion Ratio Lower Upper

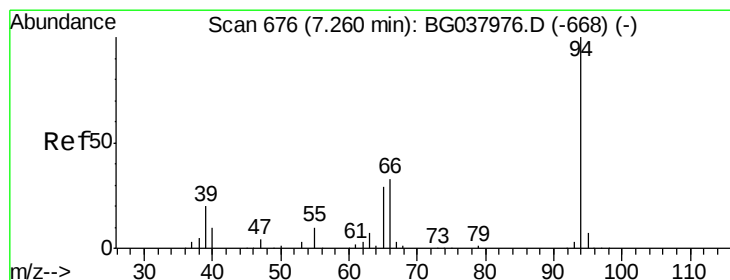
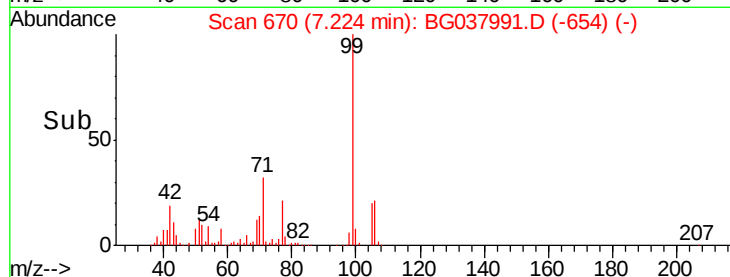
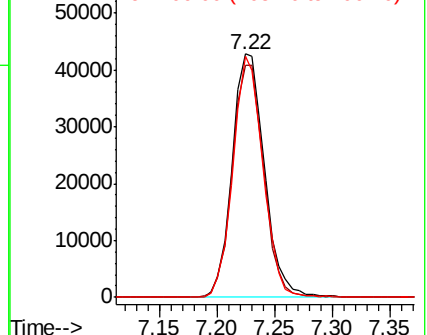
77 100

105 95.4 72.6 112.6

106 99.3 71.3 111.3



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



#10

Phenol

Concen: 46.964 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

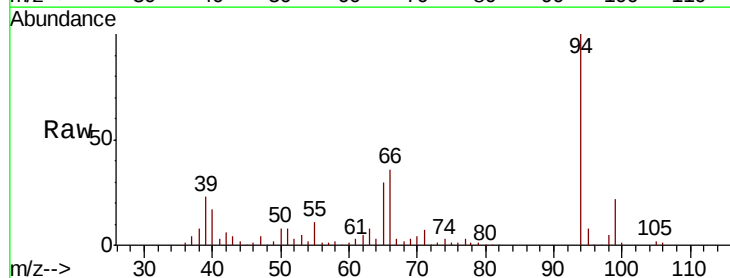
Tgt Ion: 94 Resp: 177391

Ion Ratio Lower Upper

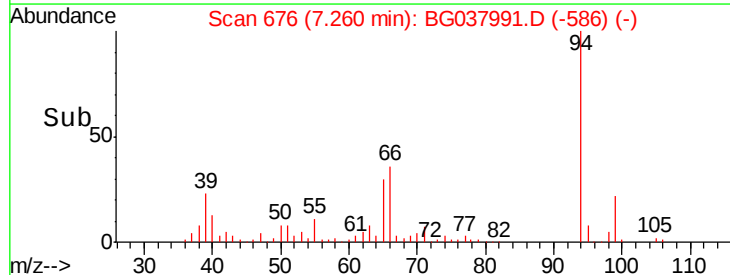
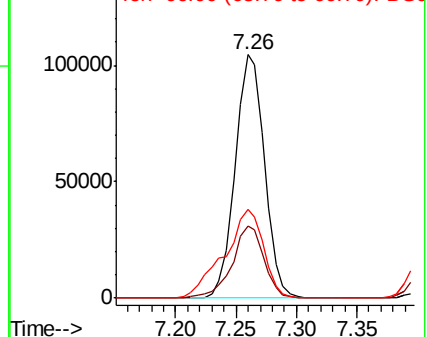
94 100

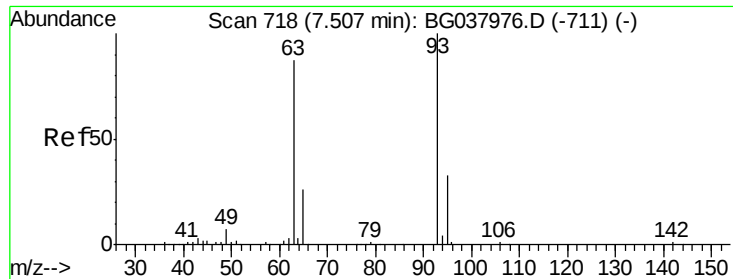
65 29.7 9.7 49.7

66 36.3 15.9 55.9



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

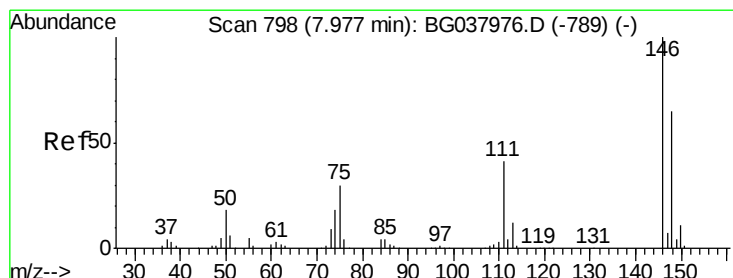
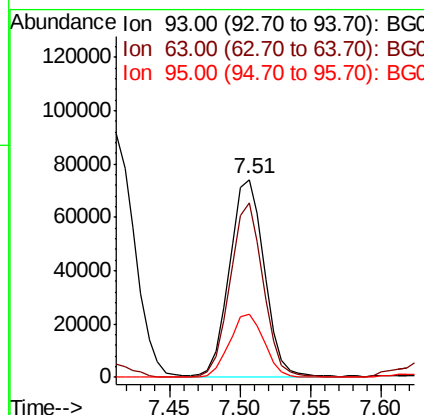
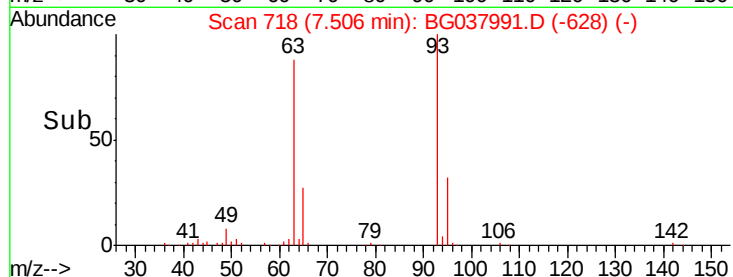
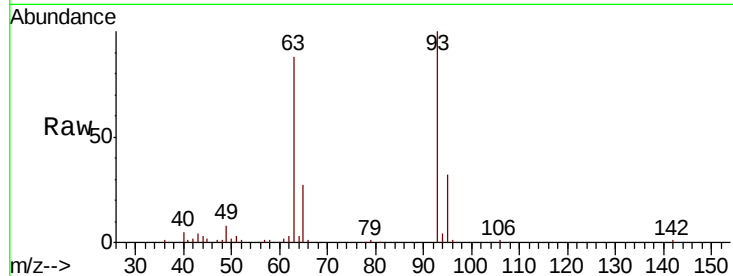




#11
 bis(2-Chloroethyl)ether
 Concen: 41.526 ng
 RT: 7.51 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

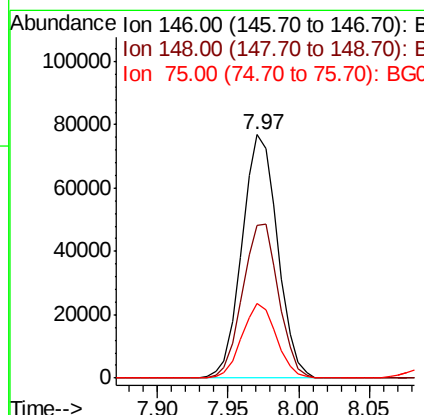
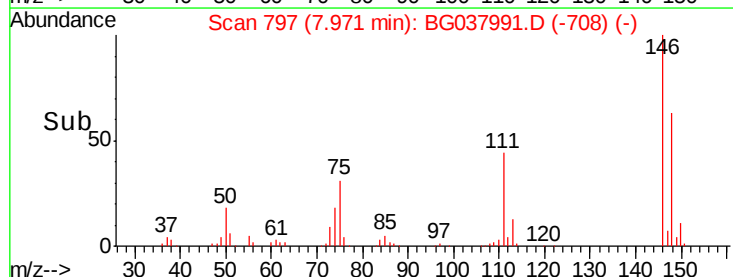
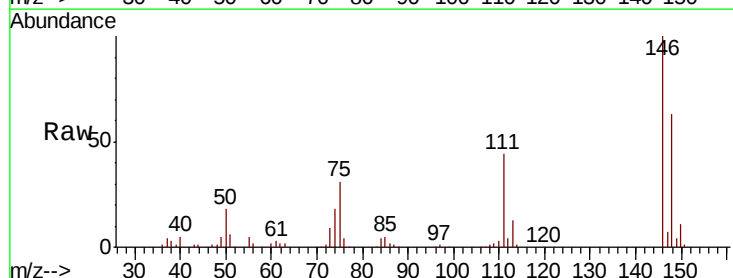
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

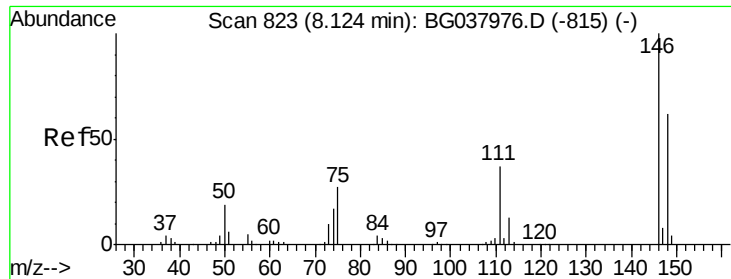
Tgt Ion: 93 Resp: 128053
 Ion Ratio Lower Upper
 93 100
 63 88.0 69.5 109.5
 95 32.0 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.602 ng
 RT: 7.97 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion: 146 Resp: 135585
 Ion Ratio Lower Upper
 146 100
 148 62.9 49.8 74.8
 75 30.7 23.2 34.8

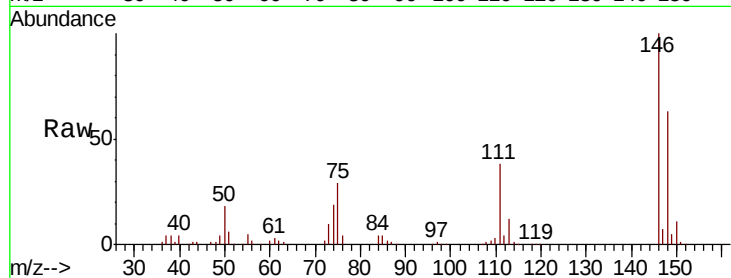




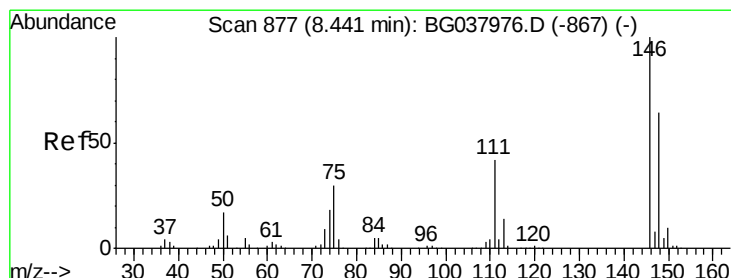
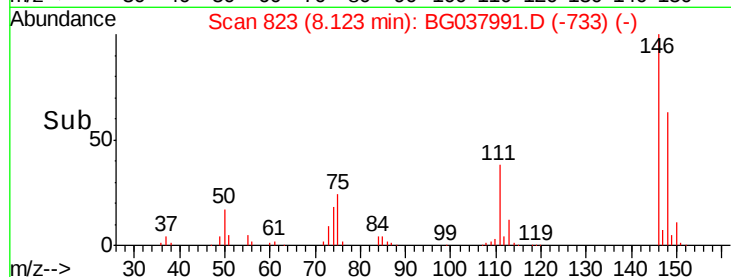
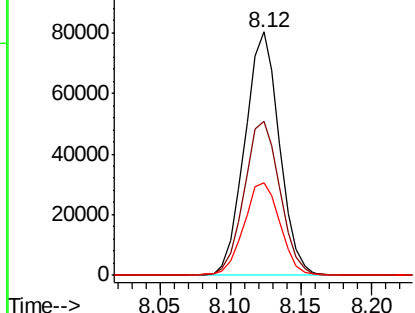
#13
 1,4-Dichlorobenzene
 Concen: 40.856 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Tgt Ion:146 Resp: 137820
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 38.3 32.4 48.6

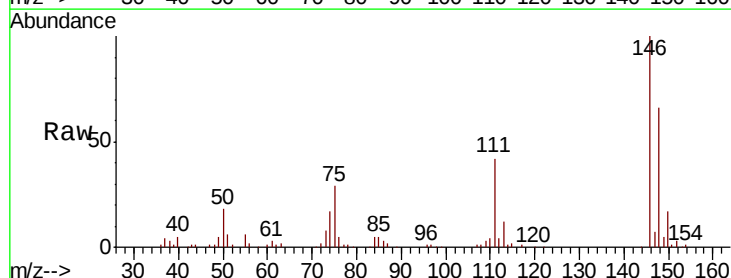


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

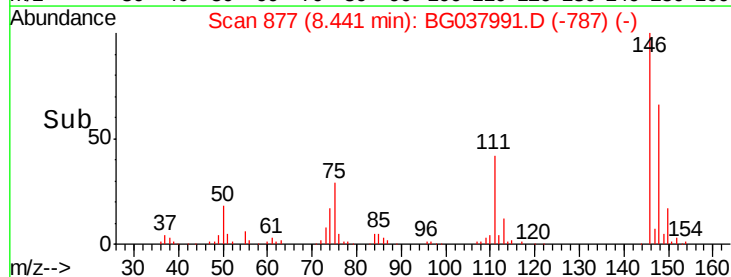
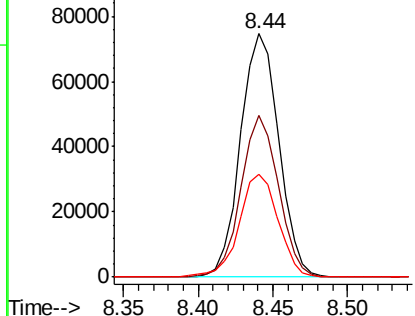


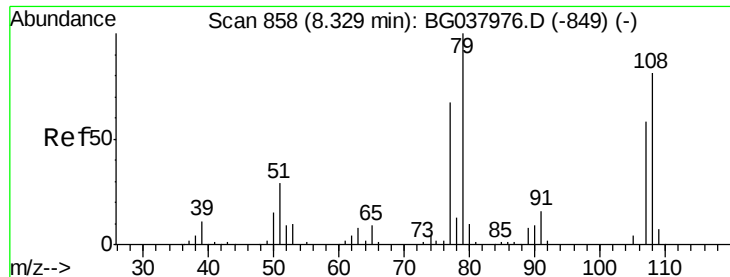
#14
 1,2-Dichlorobenzene
 Concen: 41.184 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion:146 Resp: 132638
 Ion Ratio Lower Upper
 146 100
 148 66.4 50.4 75.6
 111 42.3 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: 45.163 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

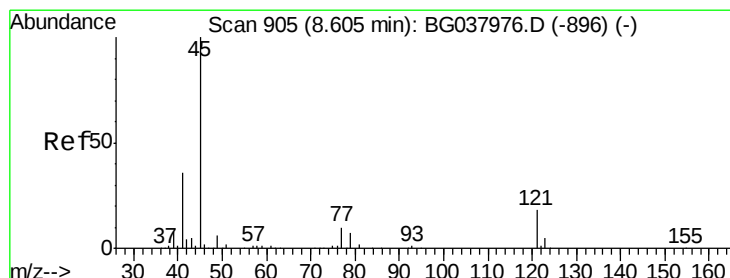
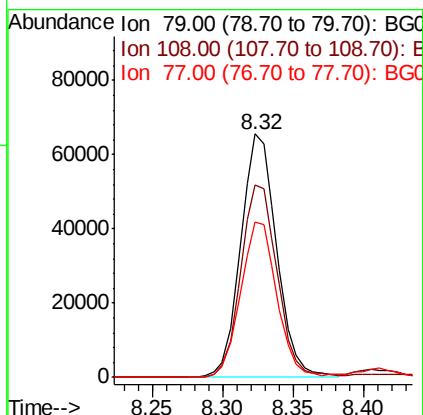
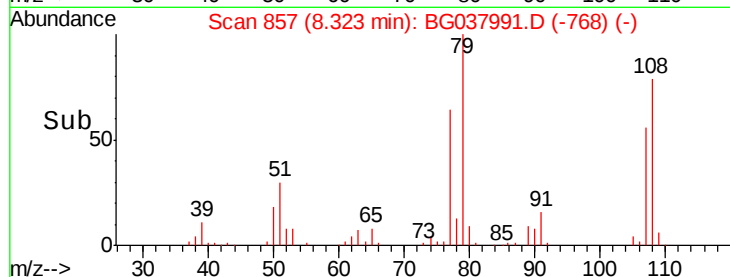
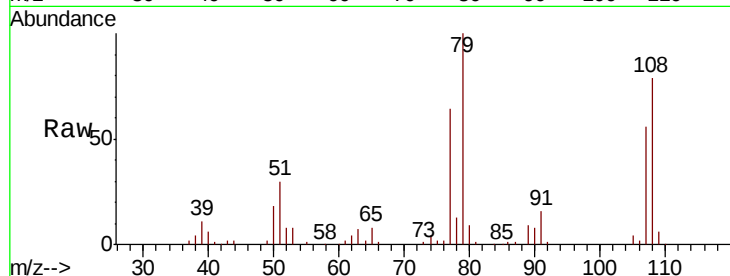
Tgt Ion: 79 Resp: 116536

Ion Ratio Lower Upper

79 100

108 79.3 65.8 98.8

77 63.8 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.799 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

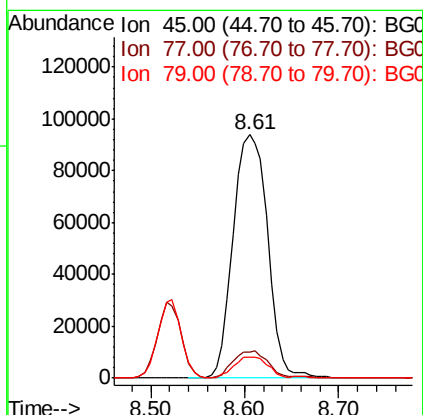
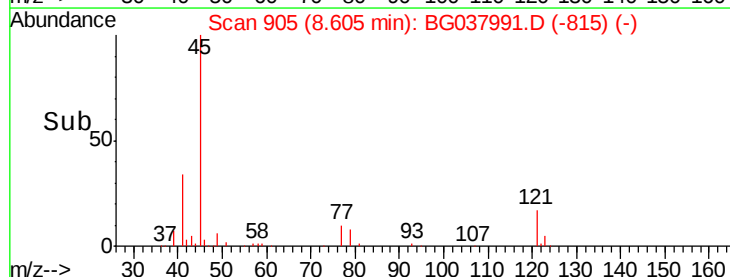
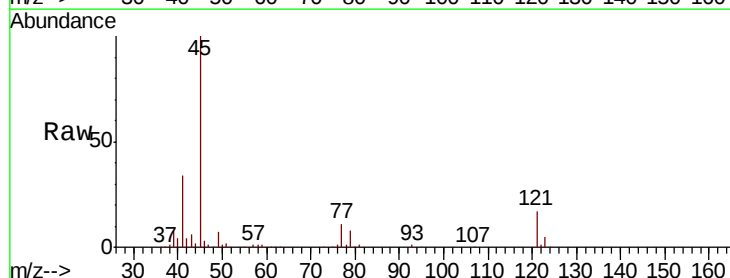
Tgt Ion: 45 Resp: 239345

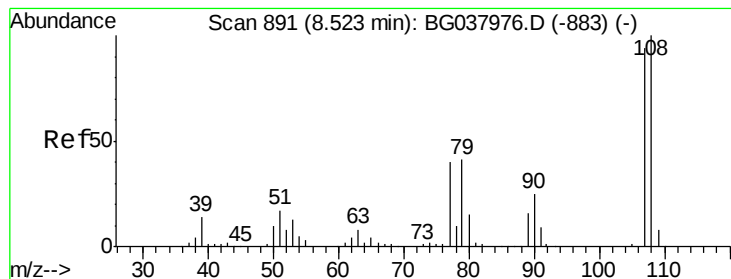
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.0

79 8.4 0.0 29.0





#17

2-Methylphenol

Concen: 47.211 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

Tgt Ion:107 Resp: 120563

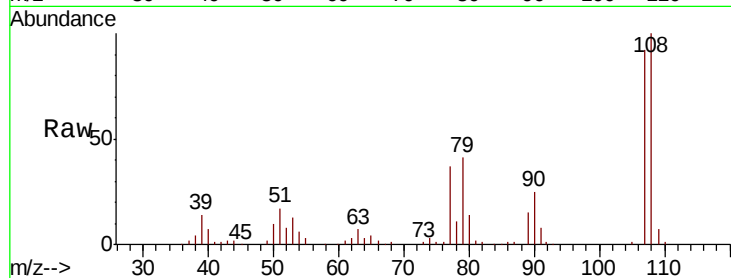
Ion Ratio Lower Upper

107 100

108 109.2 87.9 131.9

77 40.9 35.1 52.7

79 44.4 34.5 51.7



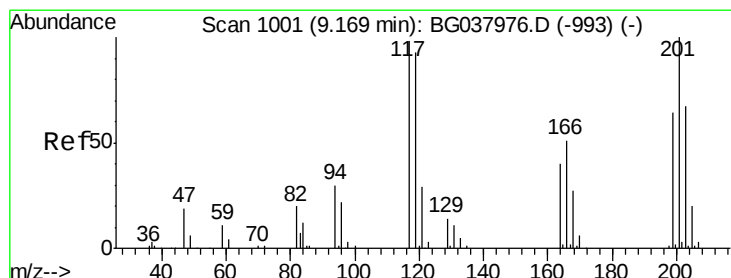
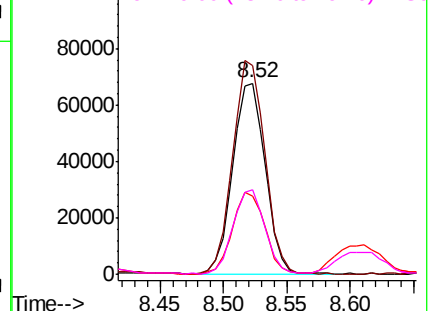
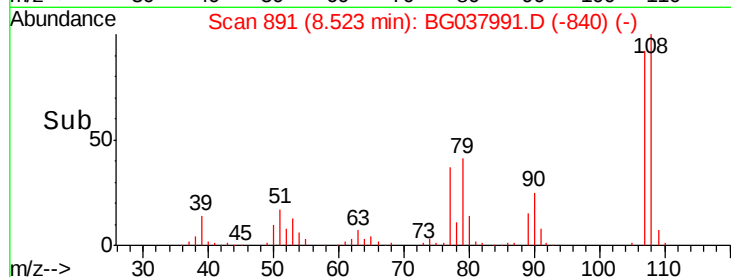
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.604 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

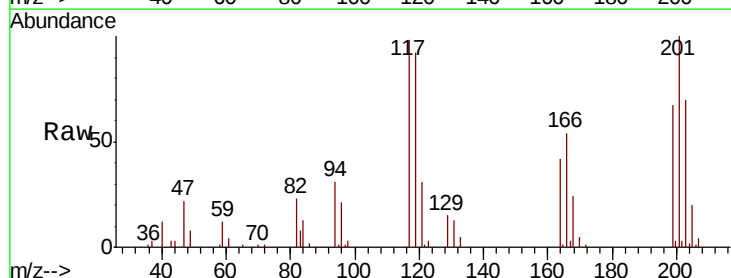
Tgt Ion:117 Resp: 49849

Ion Ratio Lower Upper

117 100

119 93.8 74.6 111.8

201 105.4 80.8 121.2

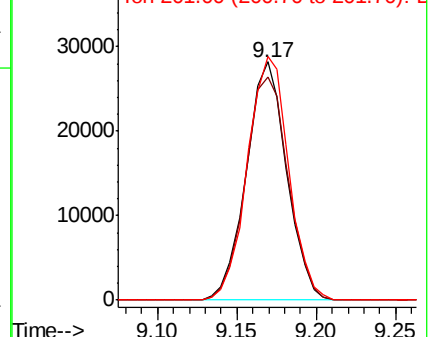
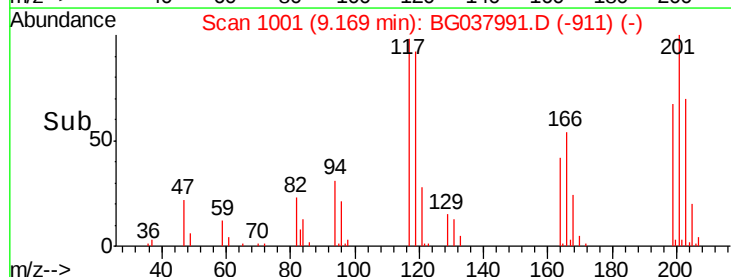


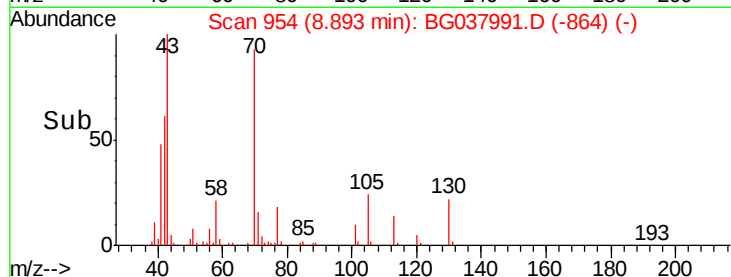
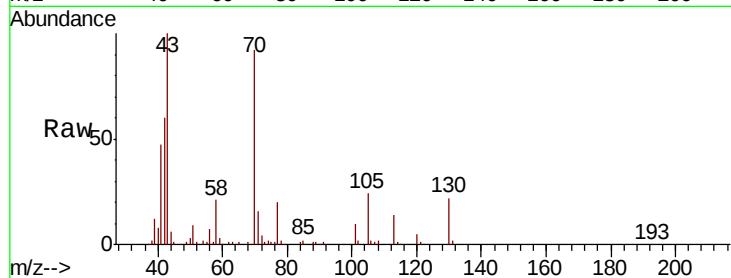
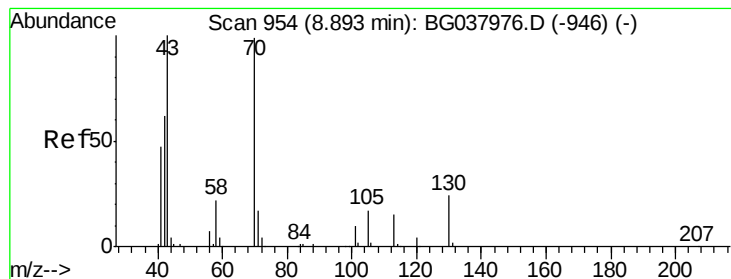
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.813 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

Tgt Ion: 70 Resp: 102729

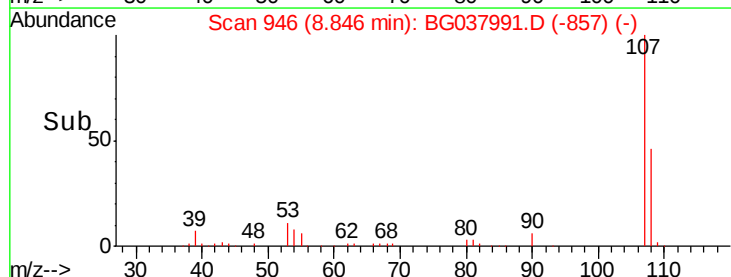
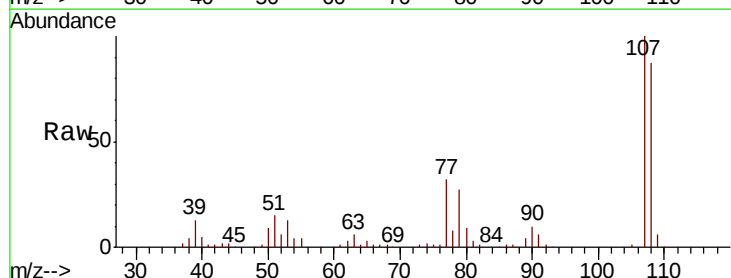
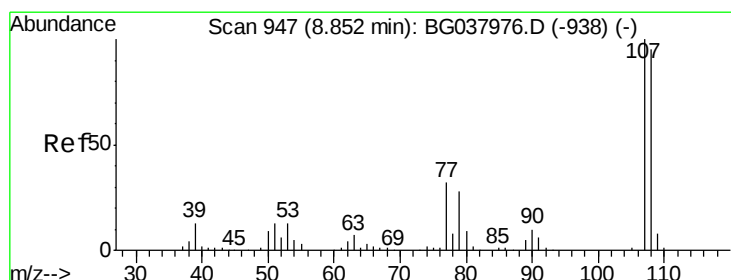
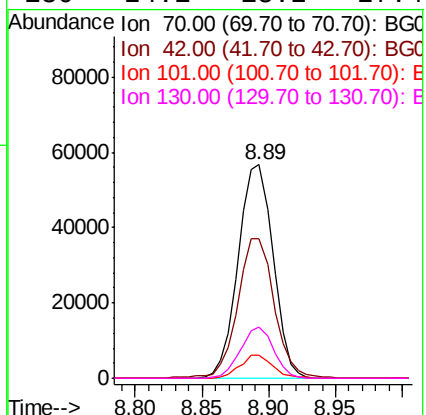
Ion Ratio Lower Upper

70 100

42 65.3 53.9 80.9

101 10.7 8.2 12.2

130 24.1 18.2 27.4



#20

3+4-Methylphenols

Concen: 45.342 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Tgt Ion: 107 Resp: 164145

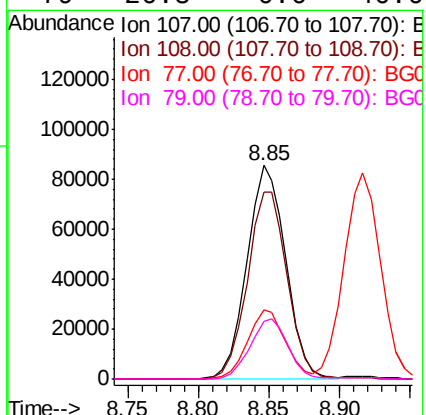
Ion Ratio Lower Upper

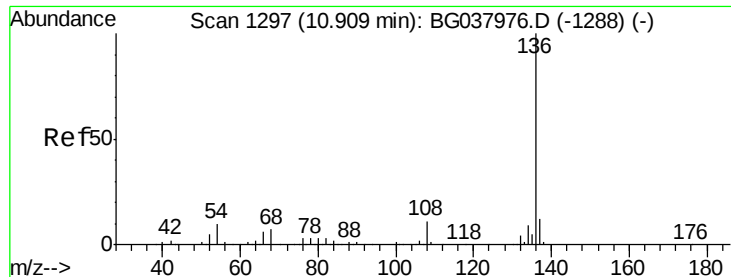
107 100

108 87.4 69.9 109.9

77 32.5 11.2 51.2

79 26.8 6.6 46.6

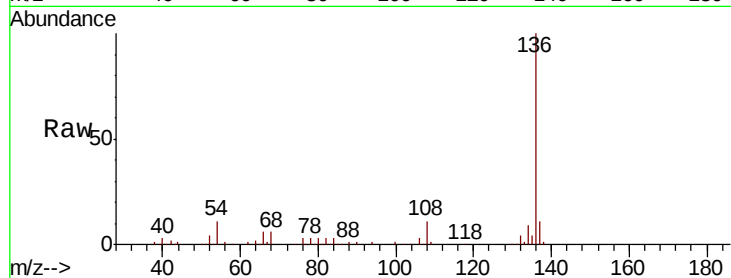




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB114712BS

Tgt Ion:	136	Resp:	182812
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.9	7.9	11.9
68	5.7	4.8	7.2



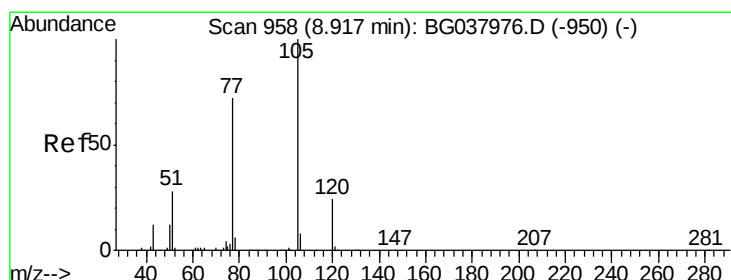
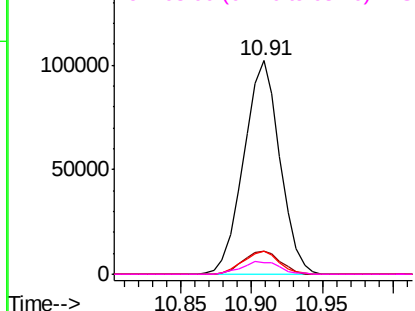
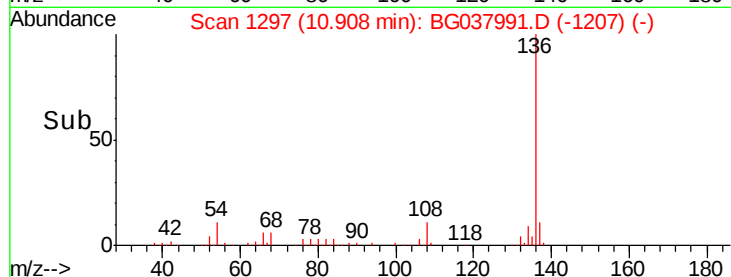
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

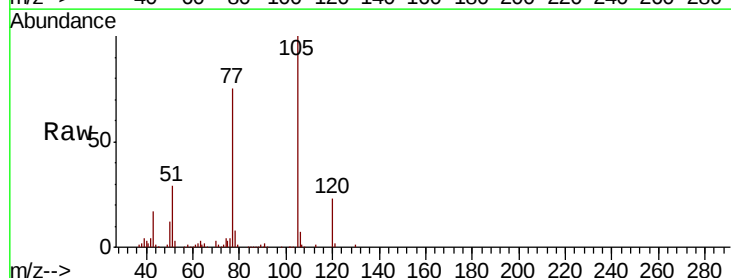
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 42.705 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:	105	Resp:	194241
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.2	1.8#
51	29.0	25.0	37.6
120	23.0	18.6	28.0



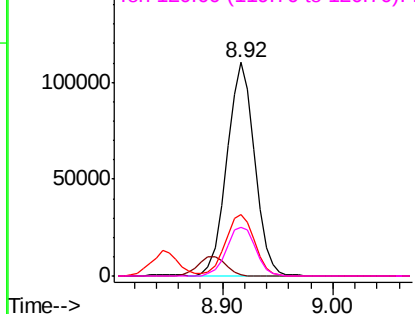
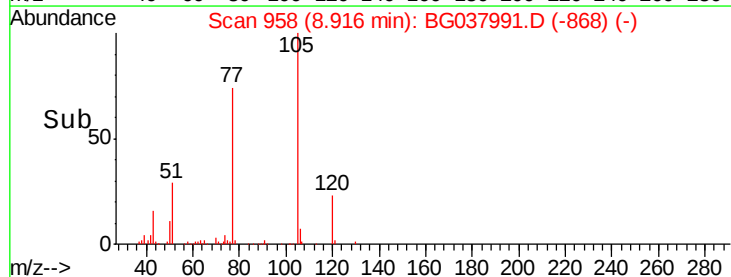
Abundance

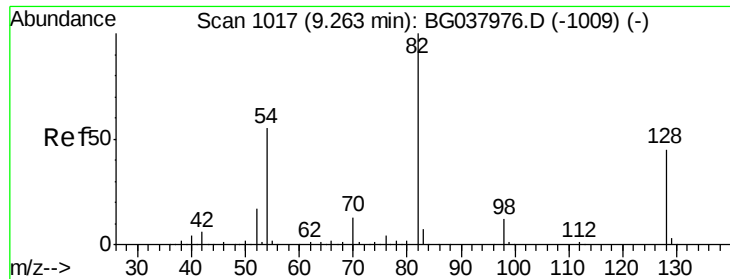
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

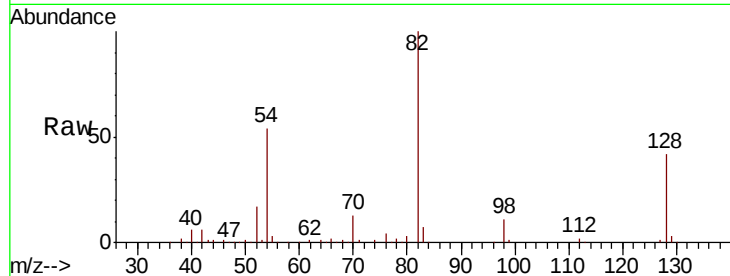




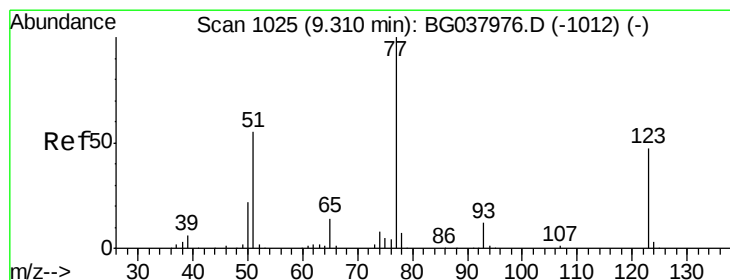
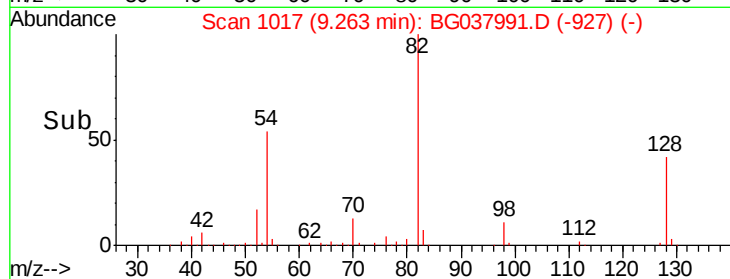
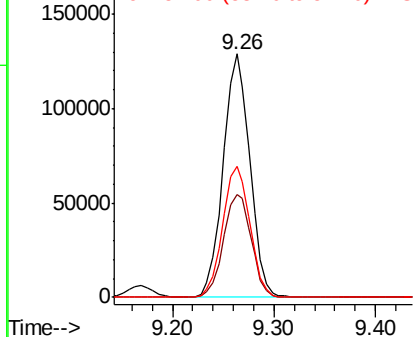
#23
 Nitrobenzene-d5
 Concen: 68.686 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	51.8
54	53.9	45.3	67.9

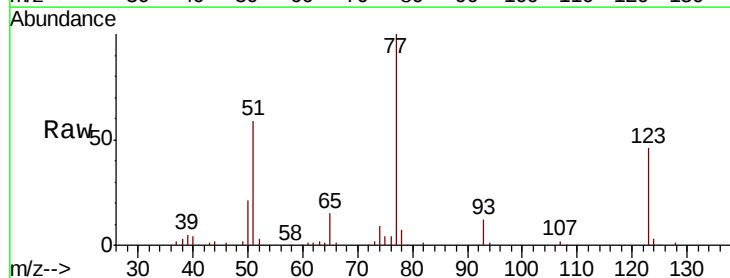


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

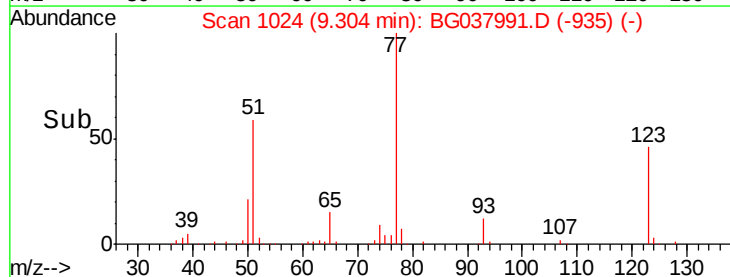
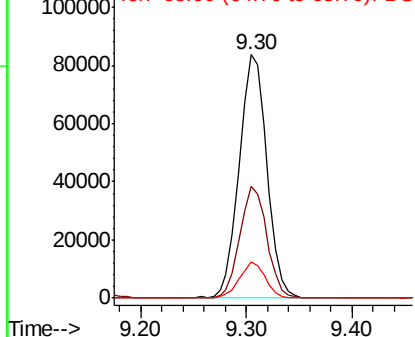


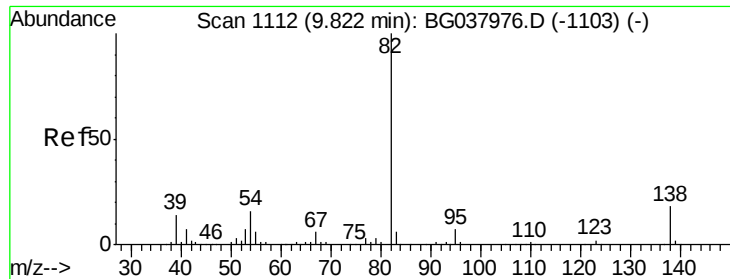
#24
 Nitrobenzene
 Concen: 43.465 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	33.6	50.4
65	14.6	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

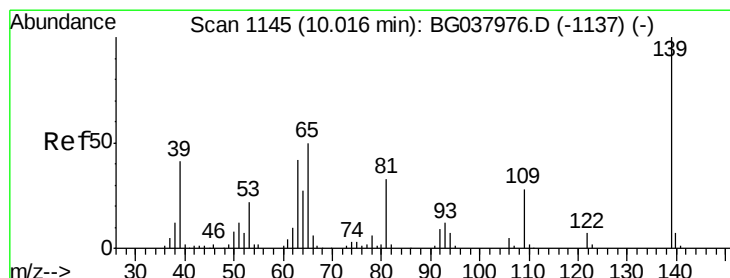
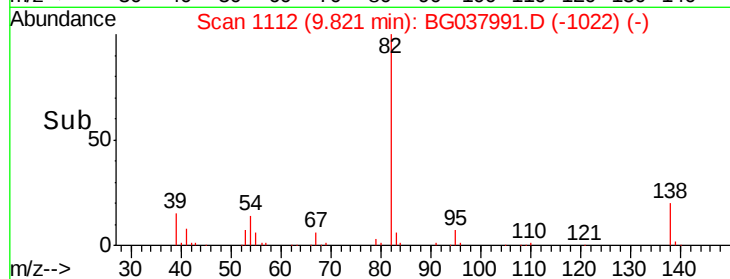
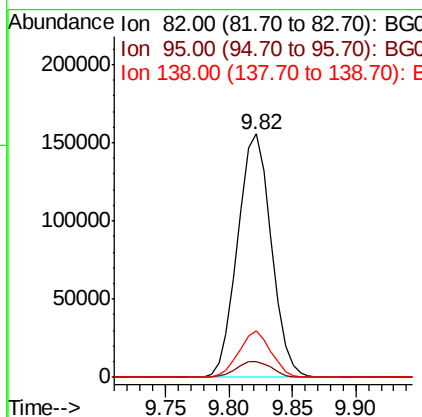
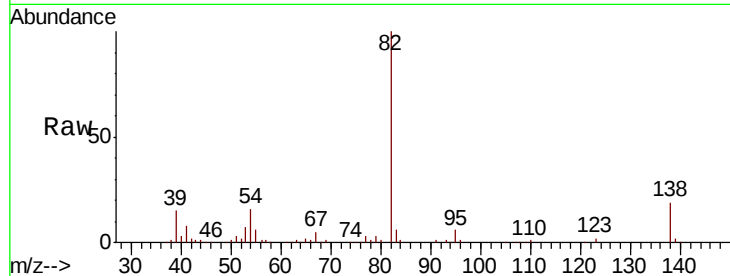




#25
Isophorone
Concen: 46.651 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

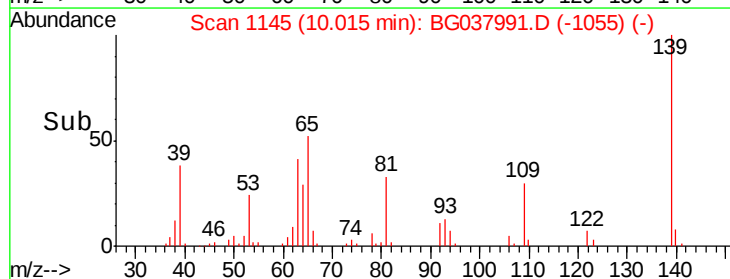
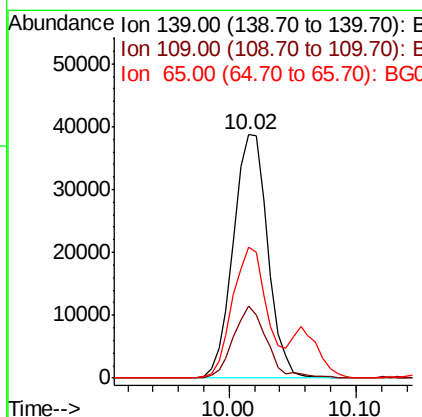
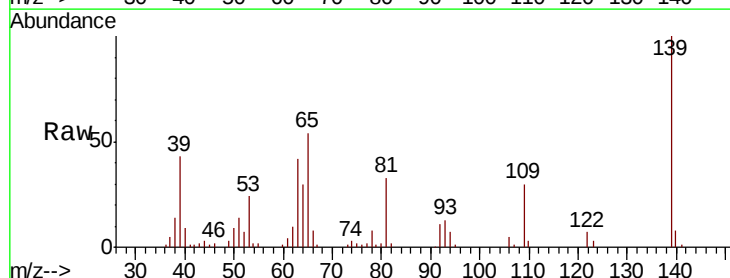
Instrument :
BNA_G
ClientSampleId :
PB114712BS

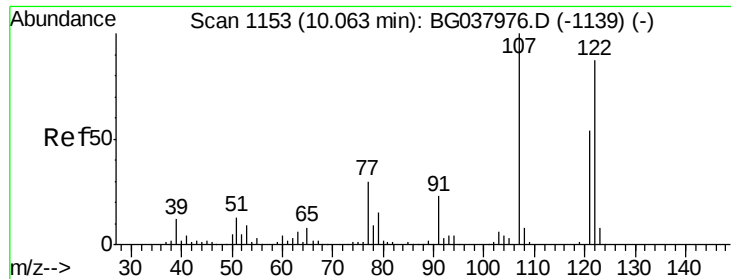
Tgt Ion: 82 Resp: 286759
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 19.1 13.3 19.9



#26
2-Nitrophenol
Concen: 41.821 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion: 139 Resp: 72938
Ion Ratio Lower Upper
139 100
109 29.6 23.3 34.9
65 53.7 39.8 59.8

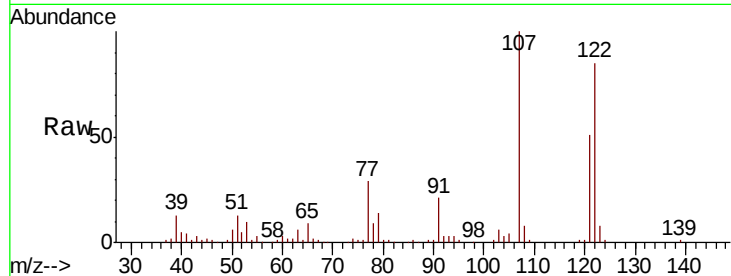




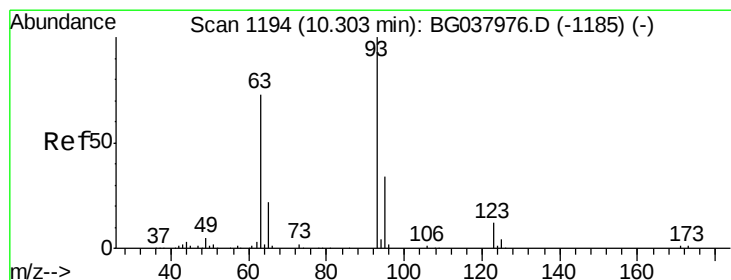
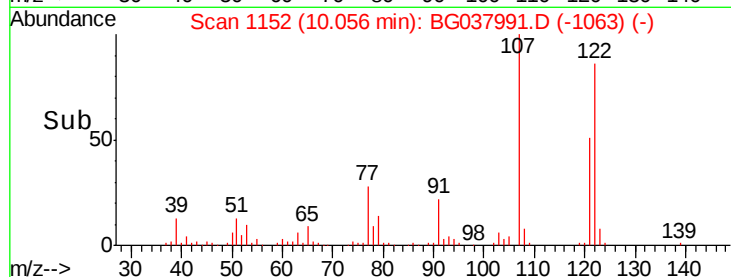
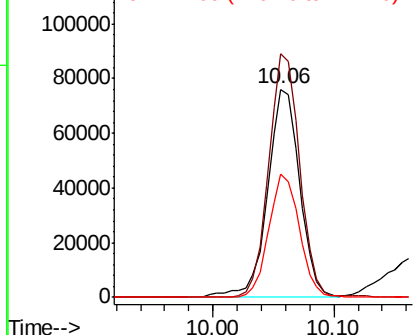
#27
2,4-Dimethylphenol
Concen: 53.024 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB114712BS

Tgt Ion:122 Resp: 139333
Ion Ratio Lower Upper
122 100
107 117.1 94.2 141.2
121 59.4 47.3 70.9

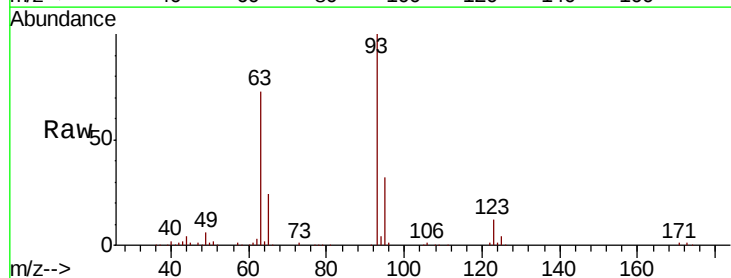


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

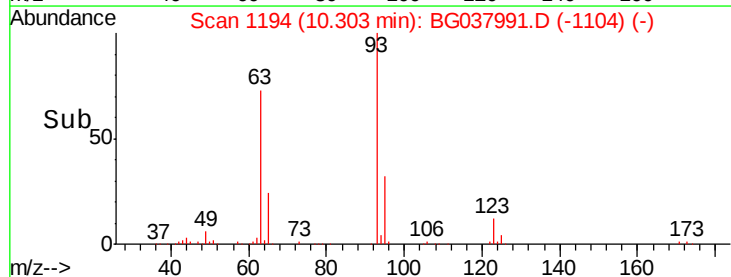
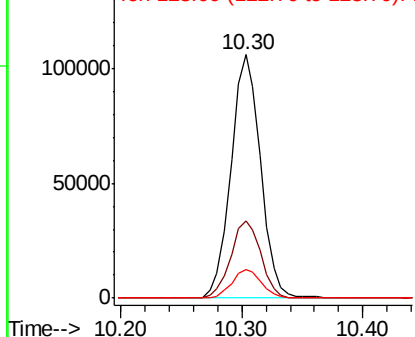


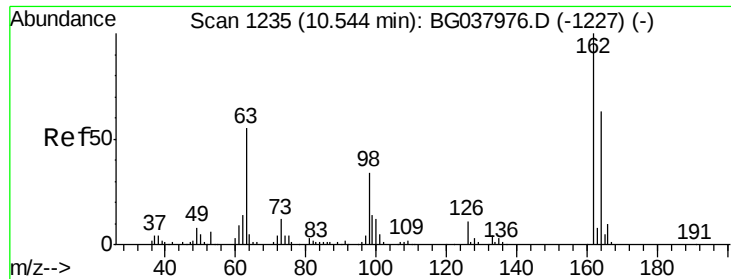
#28
bis(2-Chloroethoxy)methane
Concen: 45.891 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion: 93 Resp: 180380
Ion Ratio Lower Upper
93 100
95 31.5 24.6 37.0
123 11.6 9.1 13.7



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

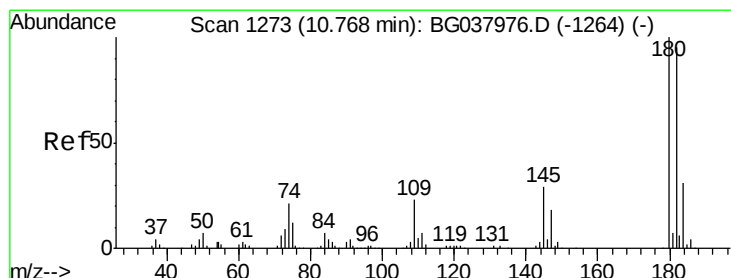
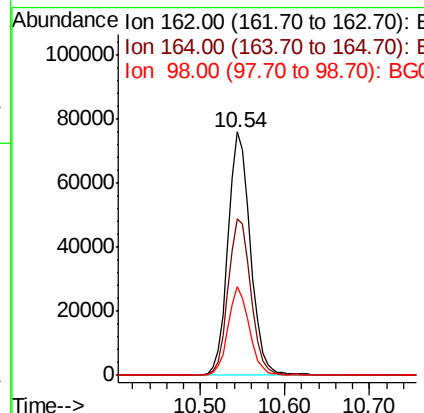
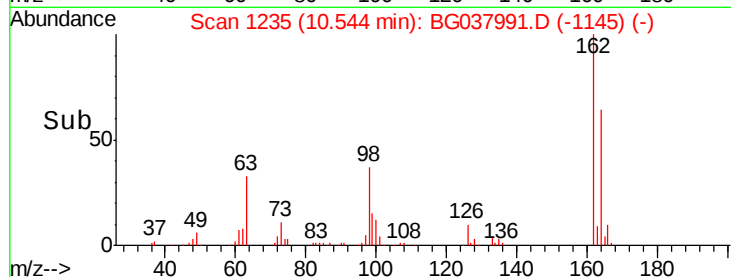
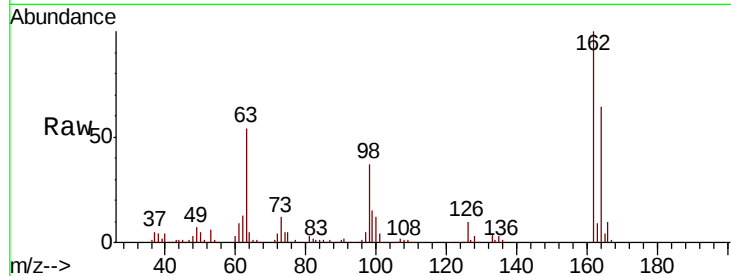




#29
 2,4-Dichlorophenol
 Concen: 47.175 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

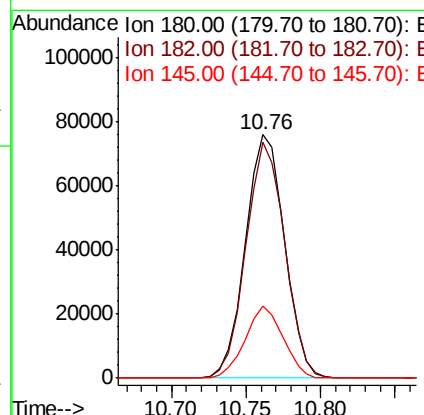
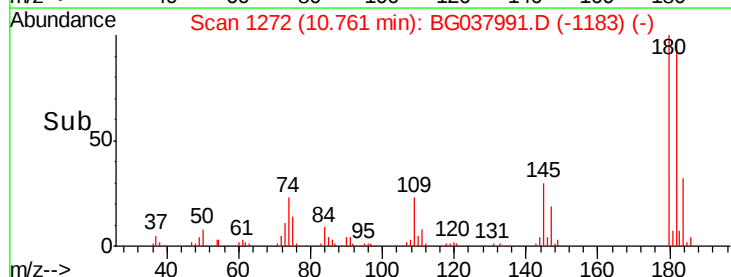
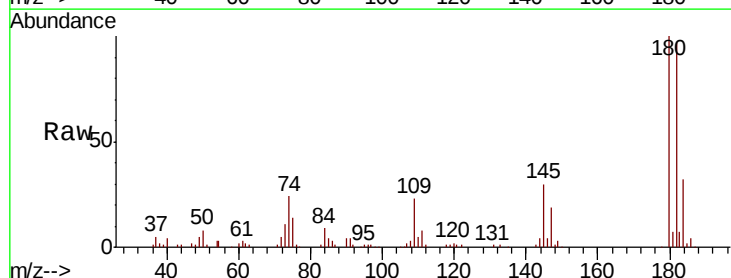
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

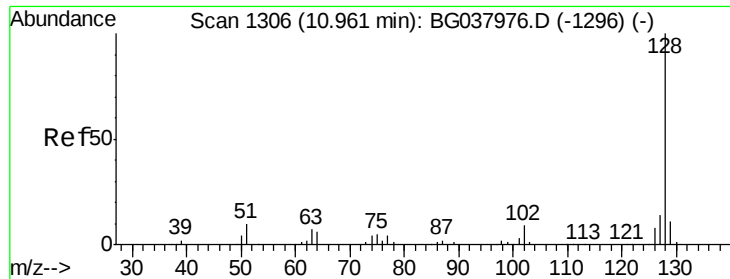
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.2	83.2
98	36.6	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.656 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.7	116.5
145	29.9	23.3	34.9

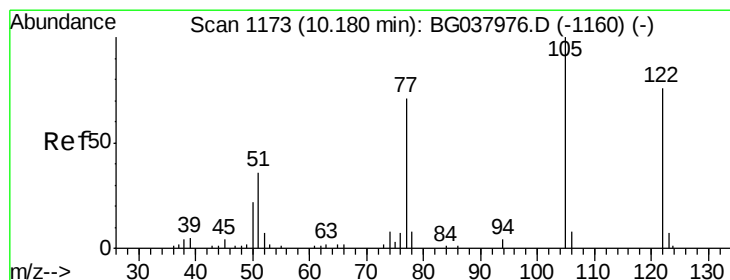
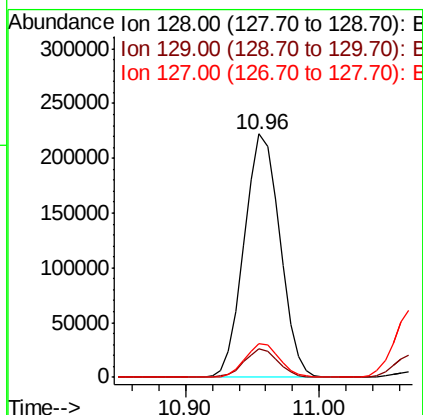
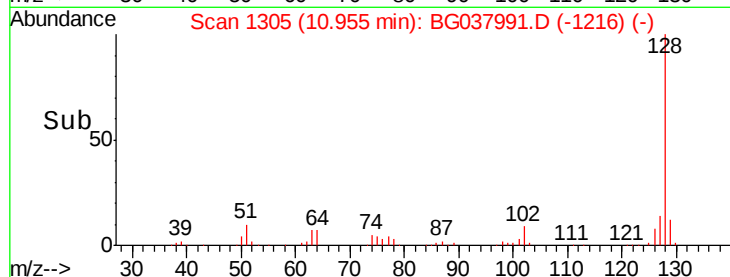
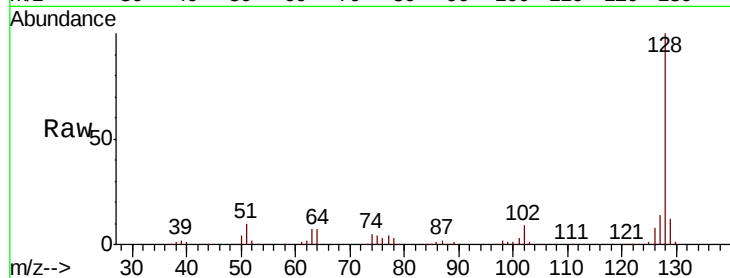




#31
Naphthalene
Concen: 45.758 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

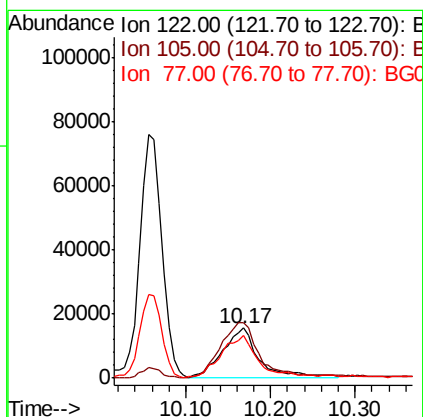
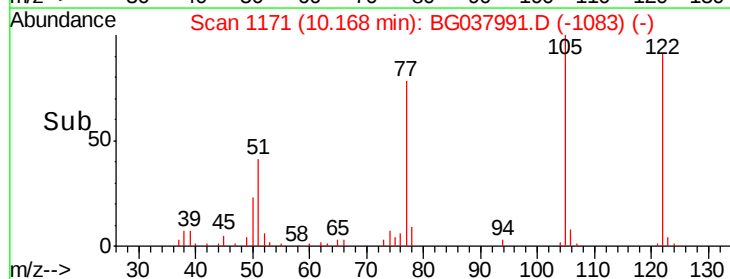
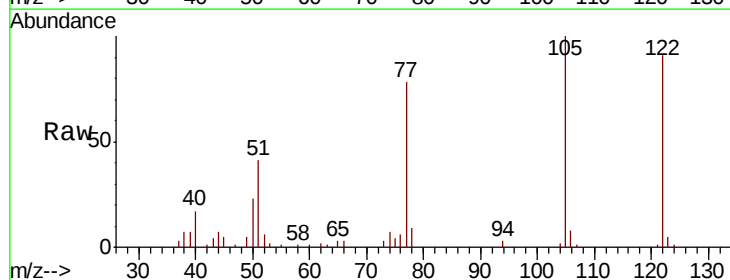
Instrument :
BNA_G
ClientSampleId :
PB114712BS

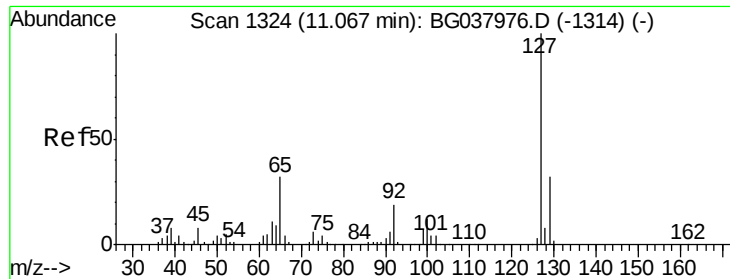
Tgt Ion:128 Resp: 411437
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 31.970 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:122 Resp: 44714
Ion Ratio Lower Upper
122 100
105 109.8 106.7 146.7
77 86.1 72.2 112.2

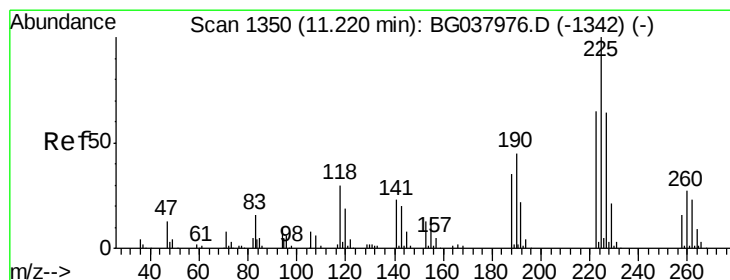
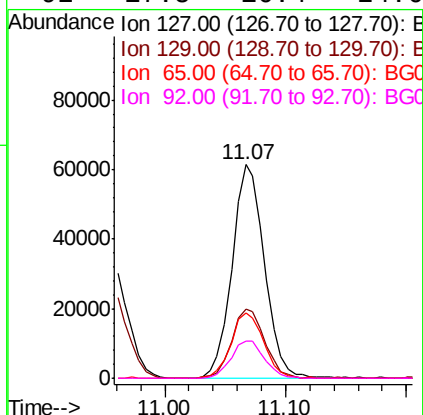
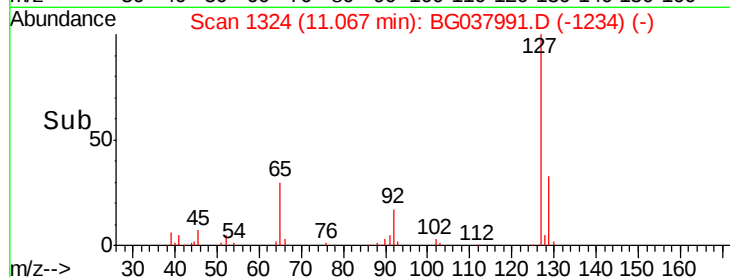
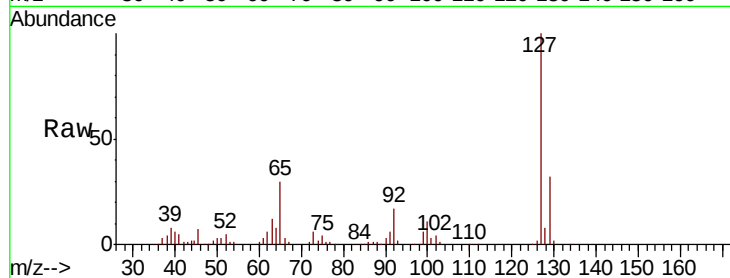




#33
4-Chloroaniline
Concen: 27.299 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

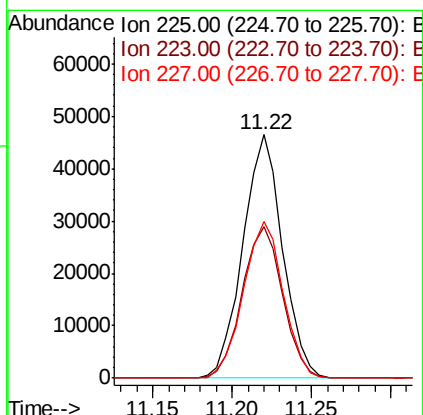
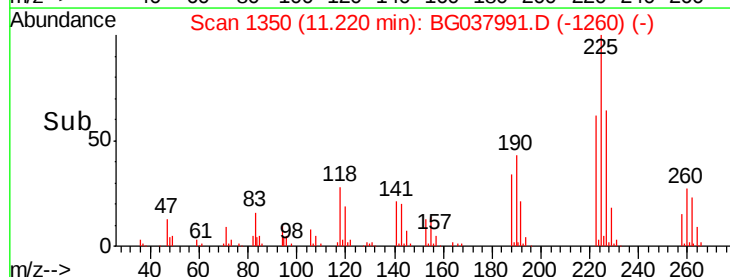
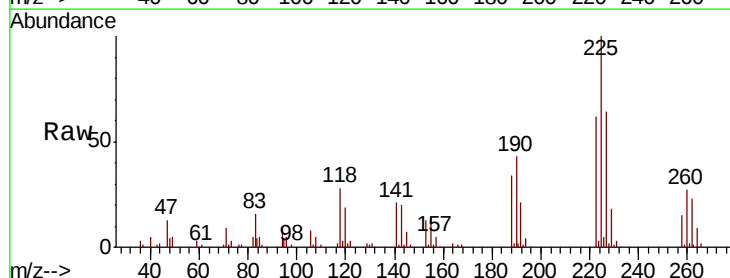
Instrument :
BNA_G
ClientSampleId :
PB114712BS

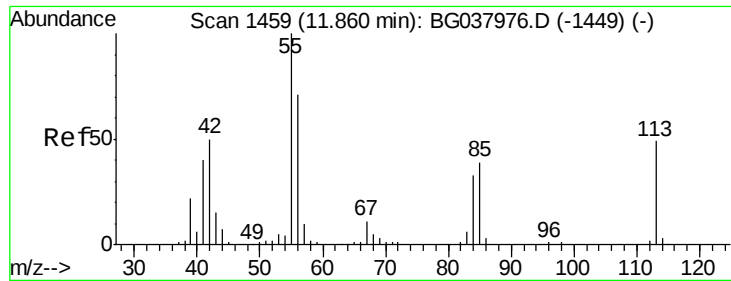
Tgt Ion:	127	Resp:	114180
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	30.4	26.6	39.8
92	17.5	16.4	24.6



#34
Hexachlorobutadiene
Concen: 39.581 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:	225	Resp:	80683
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.2	72.4
227	66.5	51.6	77.4





#35

Caprolactam

Concen: 20.676 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

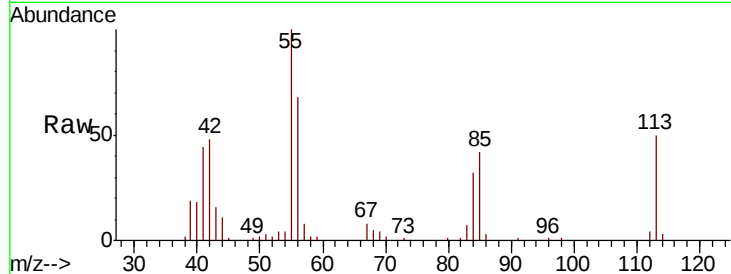
Tgt Ion:113 Resp: 24461

Ion Ratio Lower Upper

113 100

55 199.0 176.6 216.6

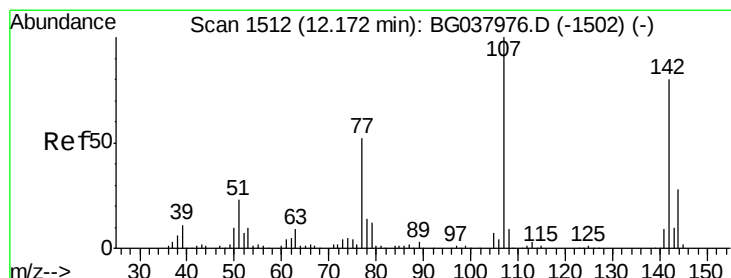
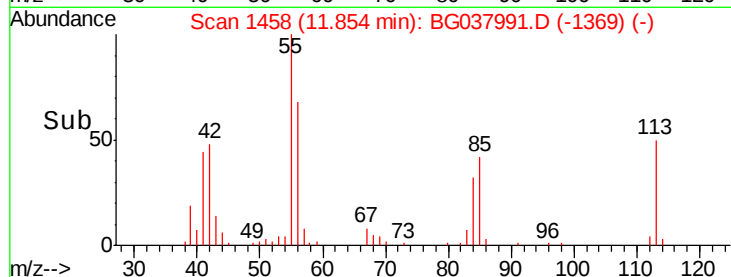
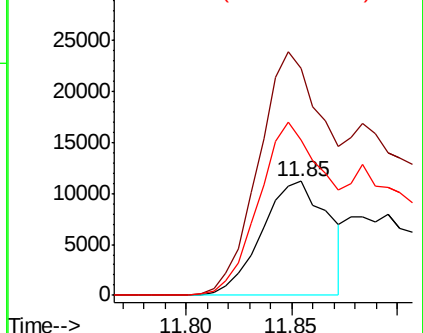
56 135.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037991.D (-1369) (-)

Ion 56.00 (55.70 to 56.70): BG037991.D (-1369) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.589 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

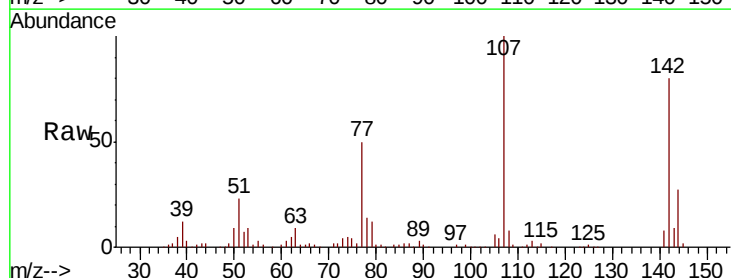
Tgt Ion:107 Resp: 150442

Ion Ratio Lower Upper

107 100

144 26.7 20.7 31.1

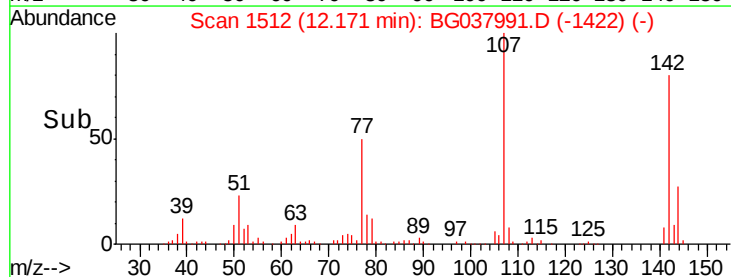
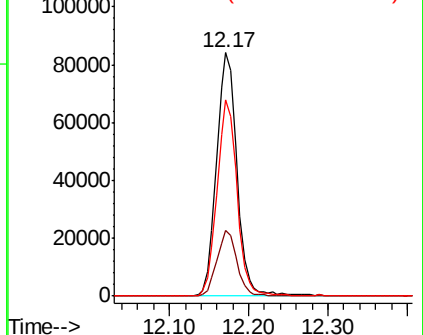
142 80.4 64.4 96.6

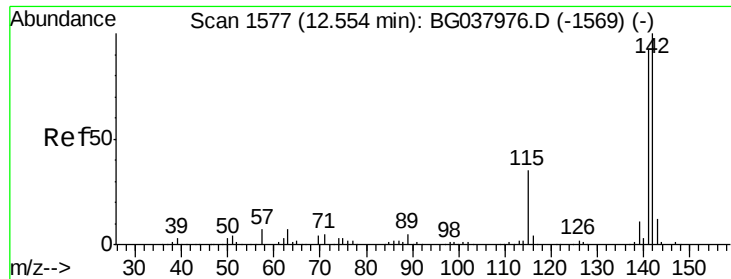


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

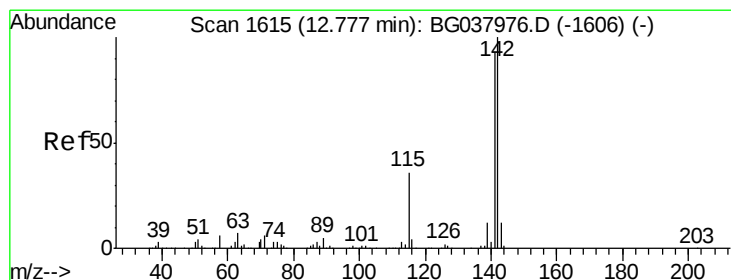
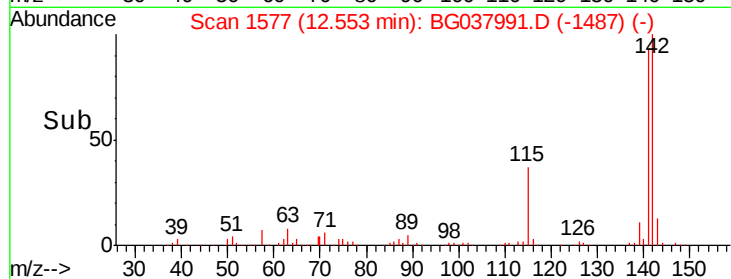
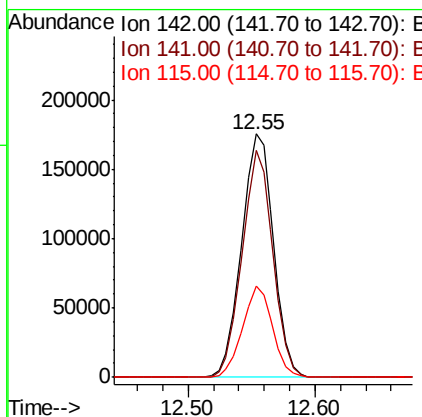
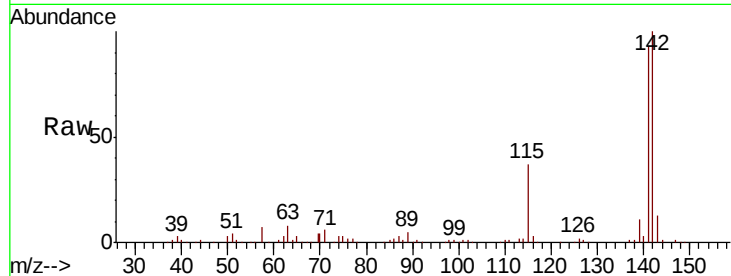




#37
 2-Methylnaphthalene
 Concen: 47.309 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

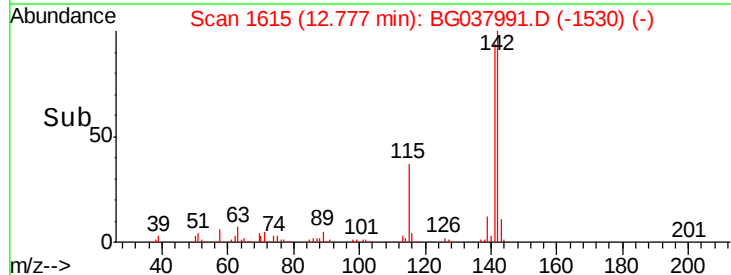
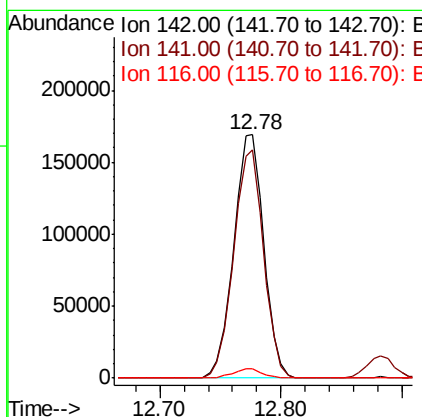
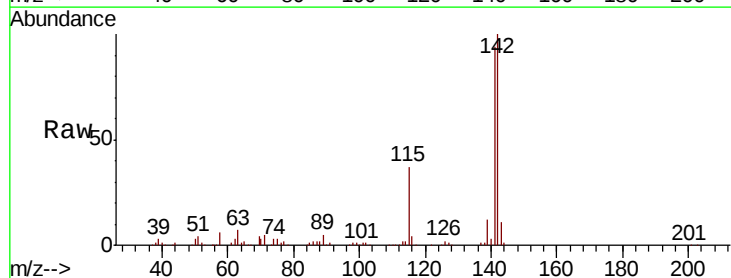
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

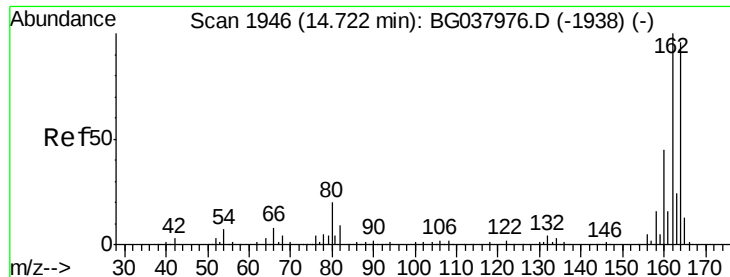
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	71.9	107.9
115	37.4	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 47.086 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

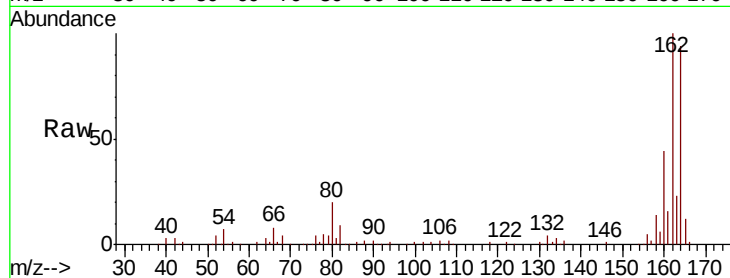
Tgt Ion:164 Resp: 116344

Ion Ratio Lower Upper

164 100

162 106.0 81.3 121.9

160 47.1 36.3 54.5

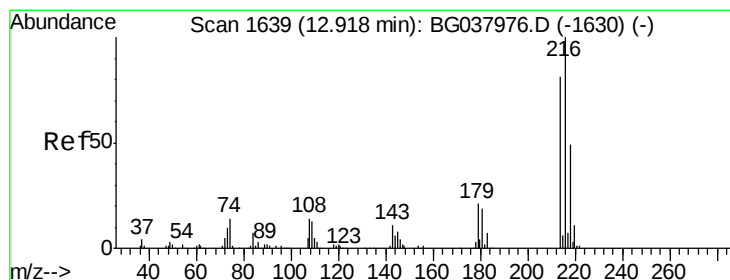
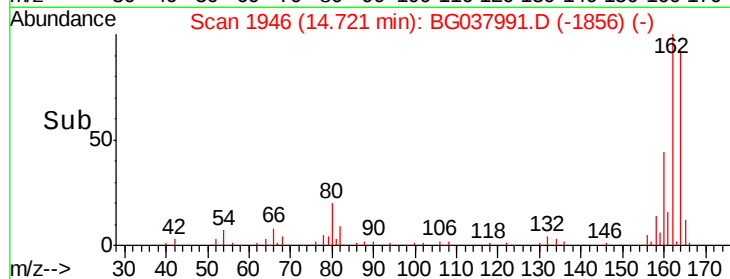
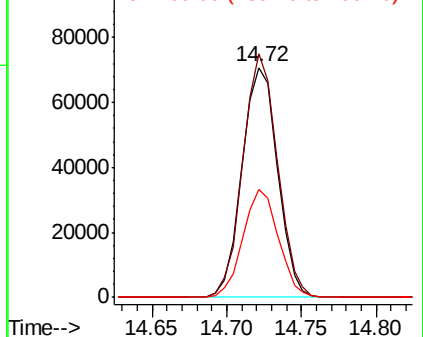


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.689 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Tgt Ion:216 Resp: 154299

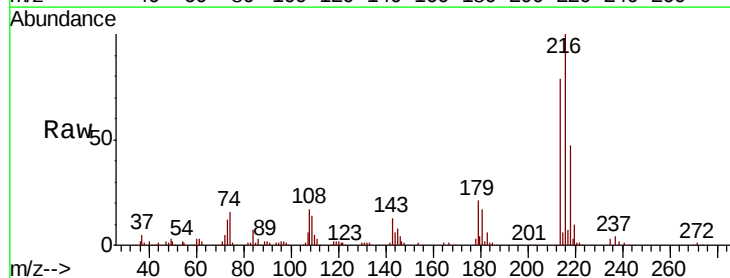
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.6

179 21.2 17.4 26.0

108 20.2 13.9 20.9



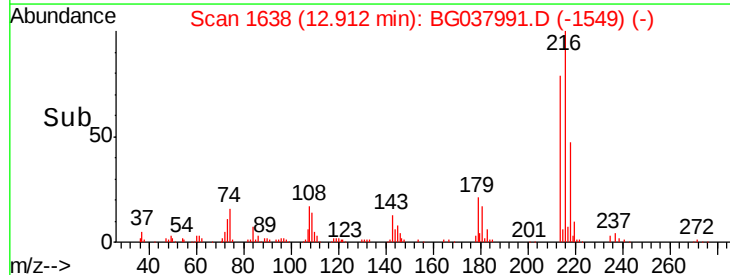
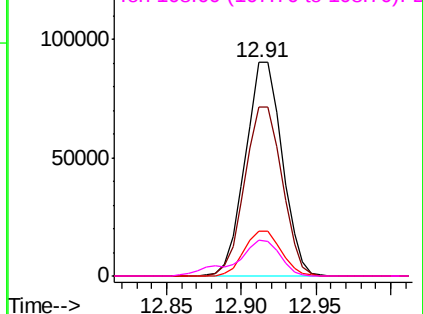
Abundance

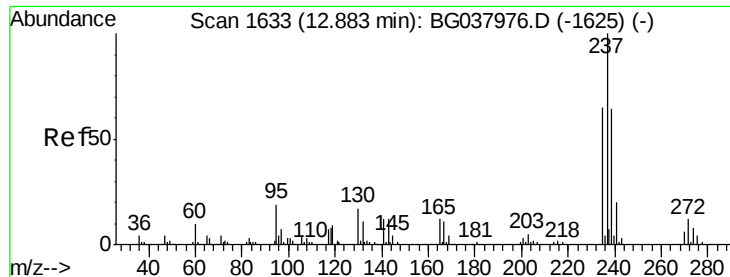
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 99.944 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

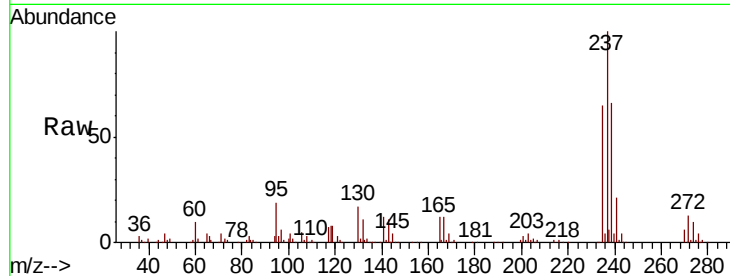
Tgt Ion: 237 Resp: 208059

Ion Ratio Lower Upper

237 100

235 65.0 42.5 82.5

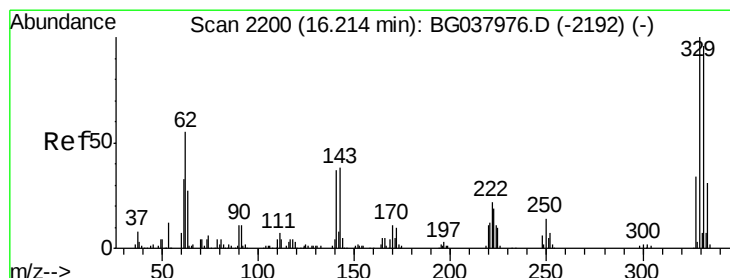
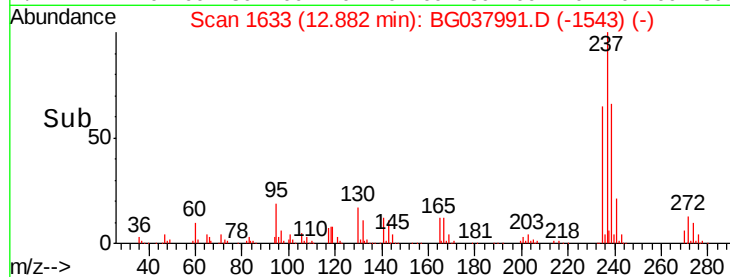
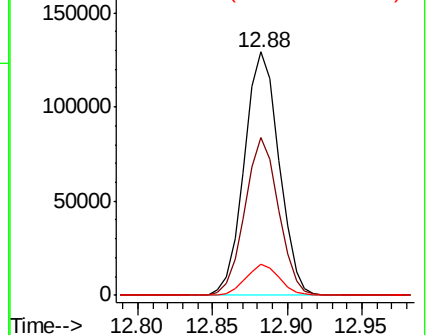
272 12.8 0.0 31.6



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: 132.847 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

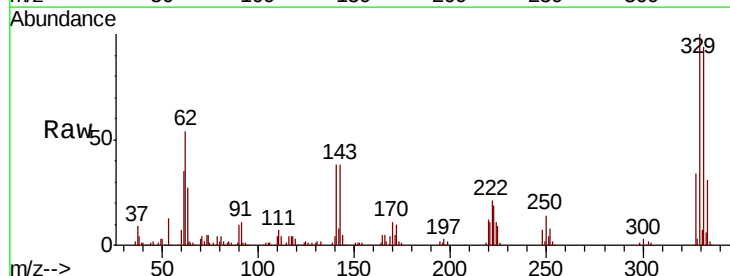
Tgt Ion: 330 Resp: 176272

Ion Ratio Lower Upper

330 100

332 94.1 78.4 117.6

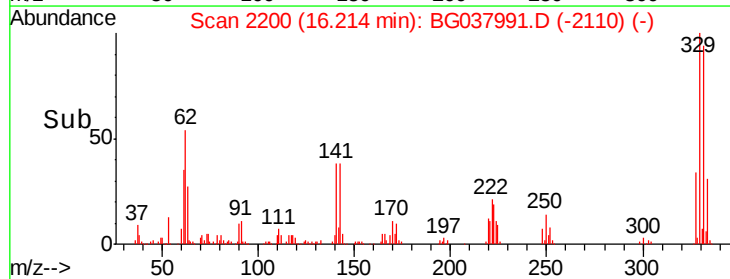
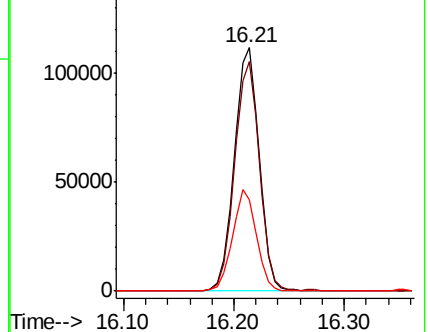
141 40.2 32.2 48.2

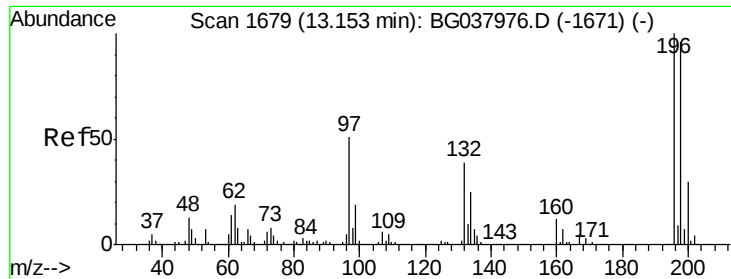


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

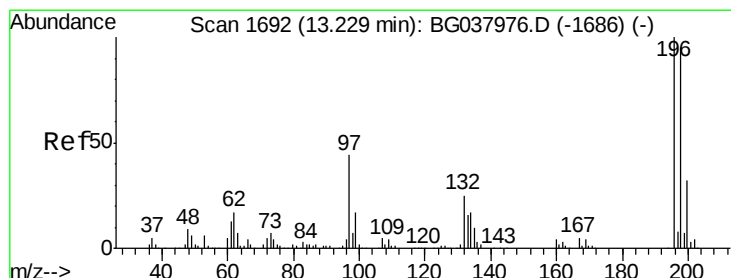
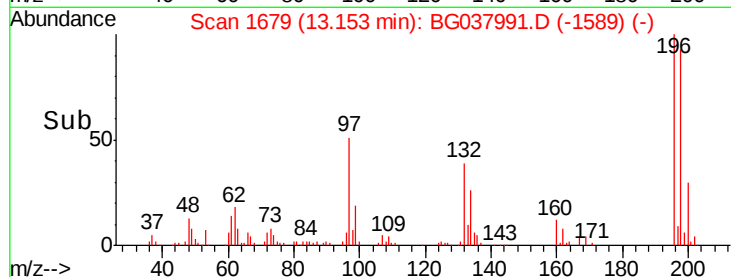
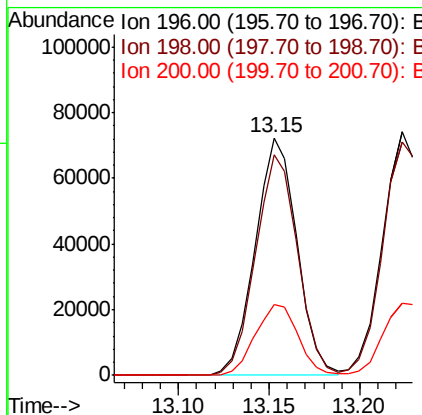
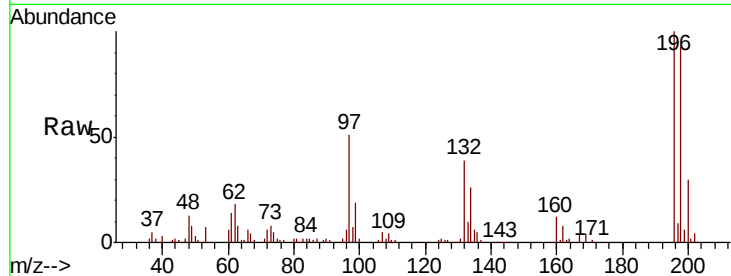




#43
 2,4,6-Trichlorophenol
 Concen: 43.527 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

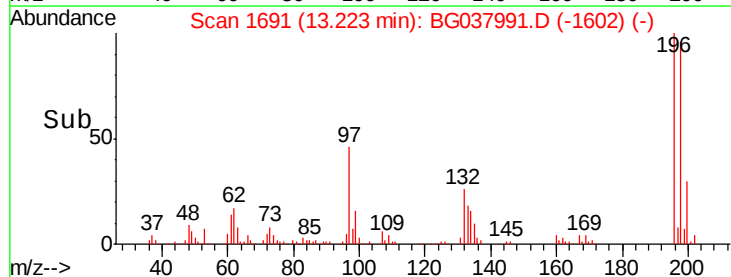
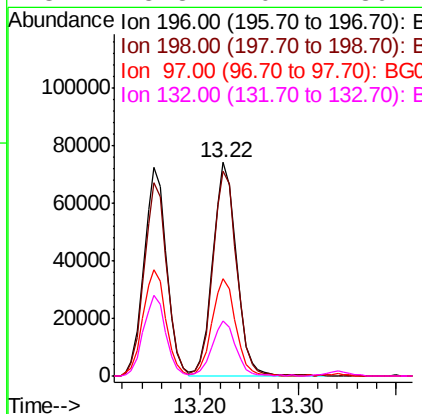
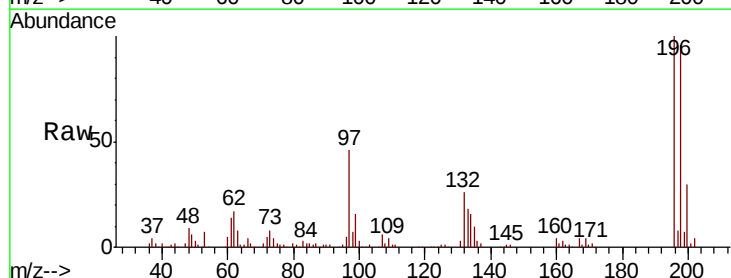
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

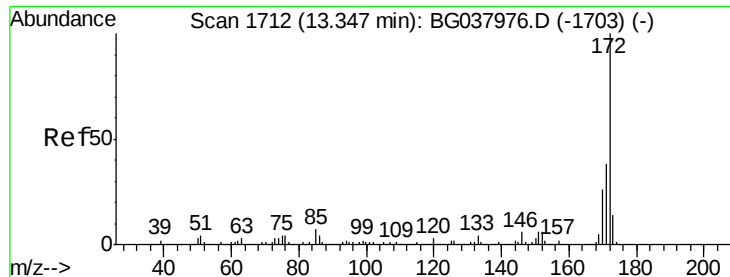
Tgt Ion:196 Resp: 115312
 Ion Ratio Lower Upper
 196 100
 198 93.1 76.4 114.6
 200 30.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.029 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion:196 Resp: 125518
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.2
 97 45.6 34.1 51.1
 132 25.8 20.2 30.4

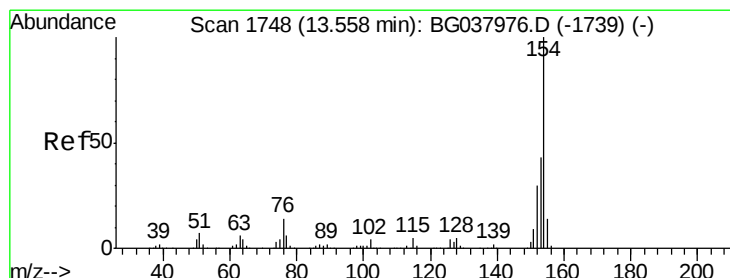
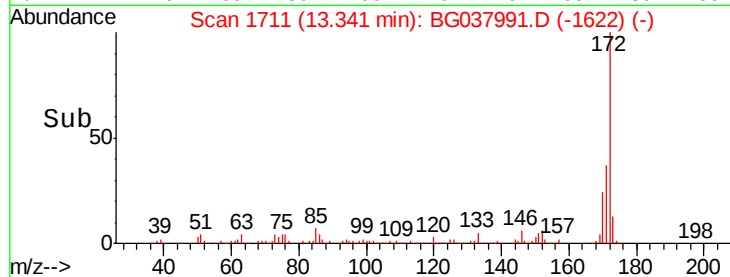
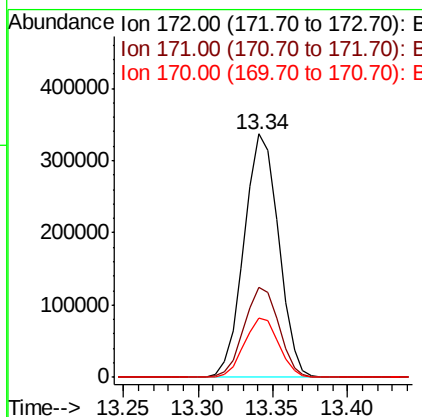
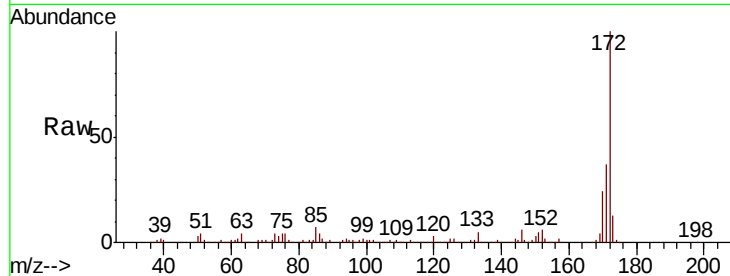




#45
2-Fluorobiphenyl
Concen: 67.497 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

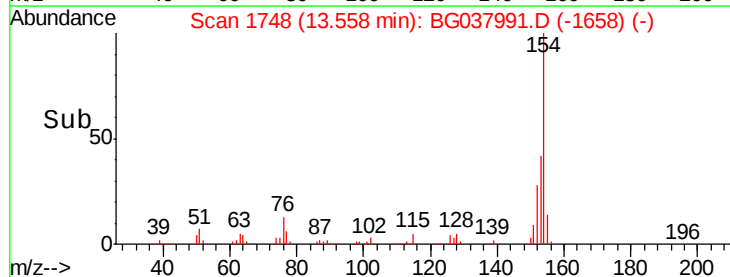
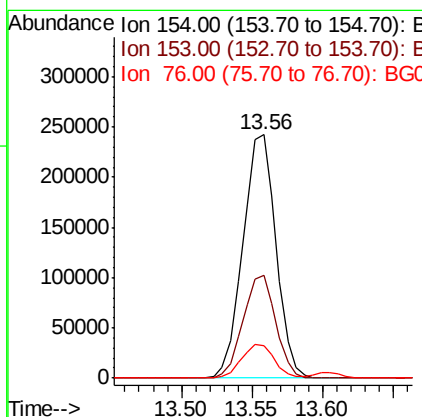
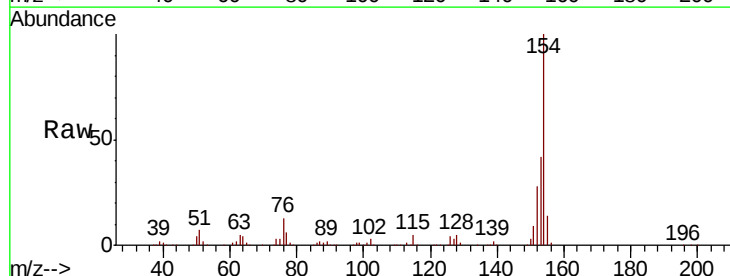
Instrument :
BNA_G
ClientSampleId :
PB114712BS

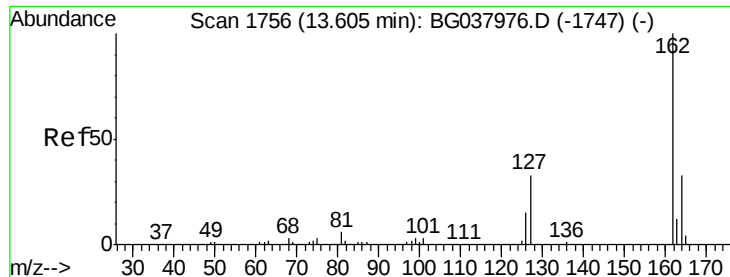
Tgt Ion:172 Resp: 539031
Ion Ratio Lower Upper
172 100
171 37.1 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.538 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:154 Resp: 396225
Ion Ratio Lower Upper
154 100
153 42.3 22.1 62.1
76 13.1 0.0 33.2

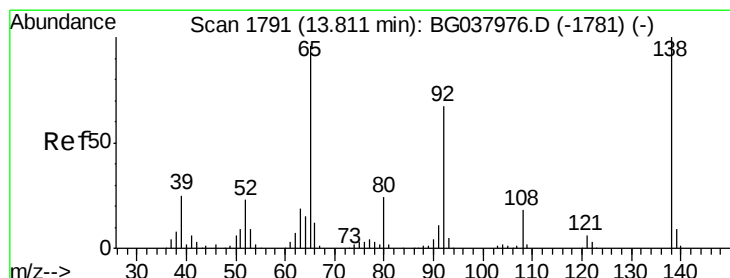
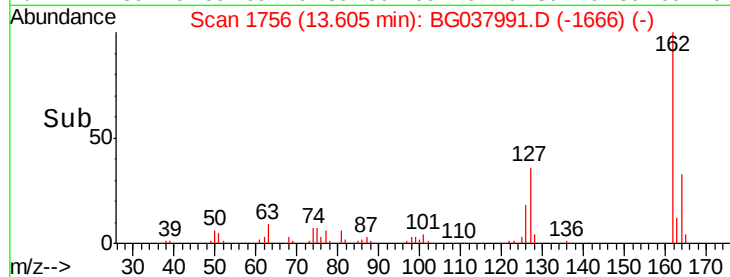
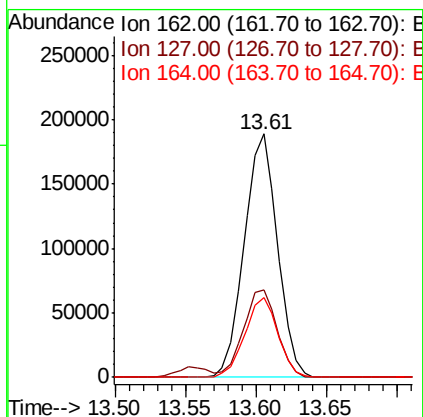
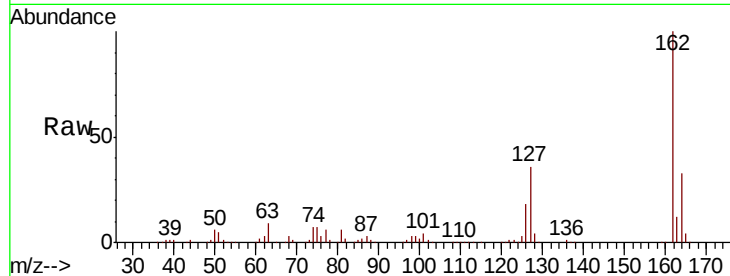




#47
 2-Chloronaphthalene
 Concen: 41.681 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

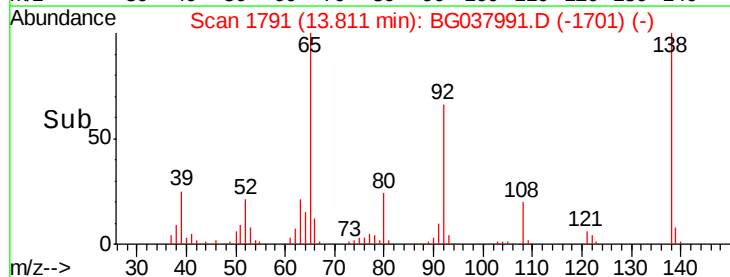
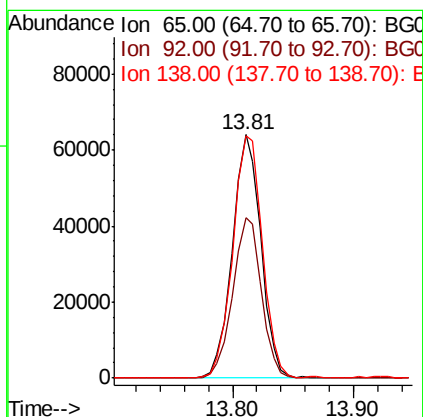
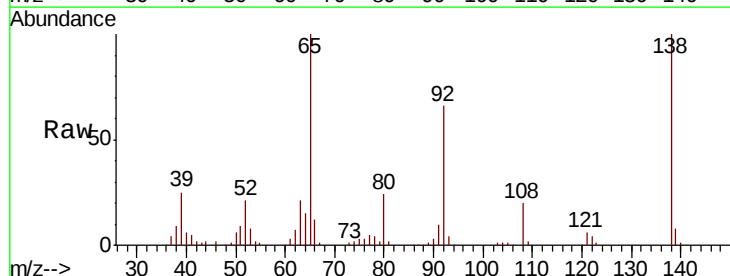
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

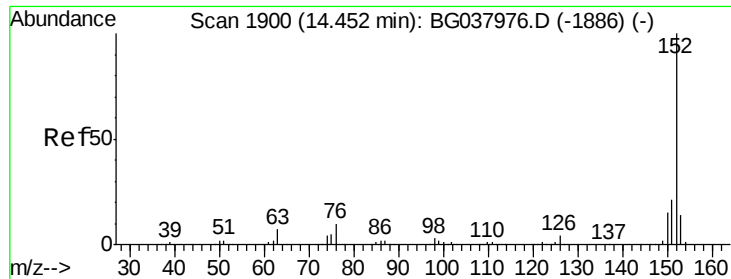
Tgt Ion: 162 Resp: 310880
 Ion Ratio Lower Upper
 162 100
 127 35.8 30.5 45.7
 164 33.0 26.4 39.6



#48
 2-Nitroaniline
 Concen: 44.833 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion: 65 Resp: 105242
 Ion Ratio Lower Upper
 65 100
 92 65.8 53.2 79.8
 138 99.5 79.3 118.9





#49

Acenaphthylene

Concen: 46.319 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

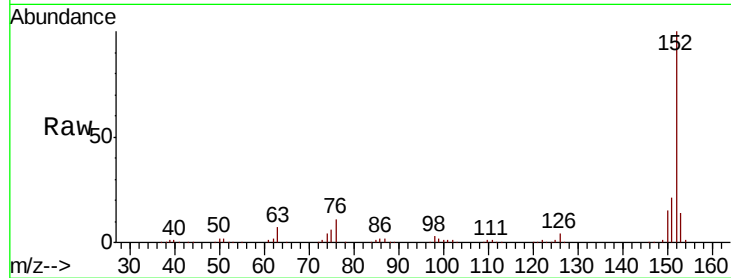
Tgt Ion:152 Resp: 519510

Ion Ratio Lower Upper

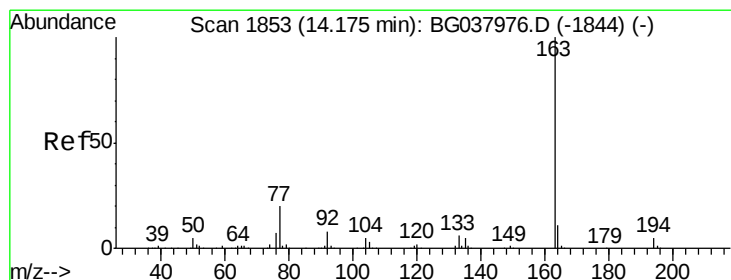
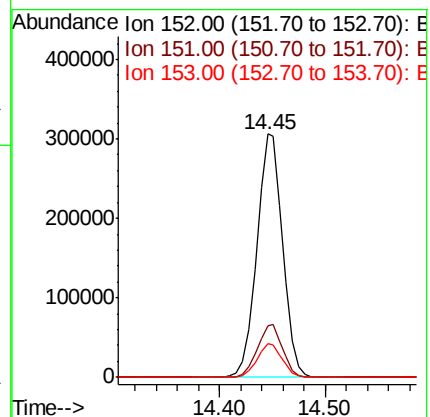
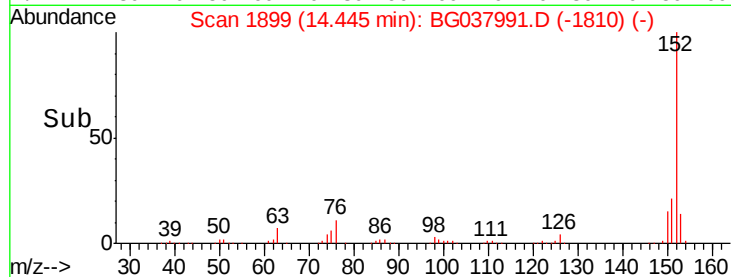
152 100

151 21.2 17.1 25.7

153 14.0 11.1 16.7



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



#50

Dimethylphthalate

Concen: 44.260 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

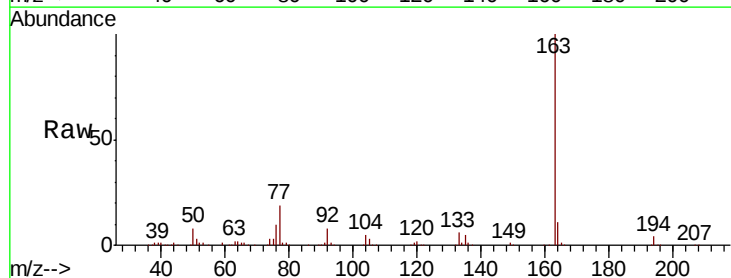
Tgt Ion:163 Resp: 408231

Ion Ratio Lower Upper

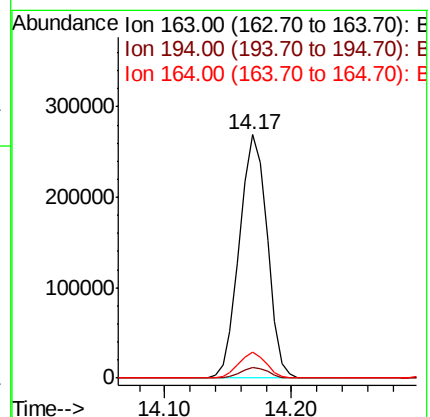
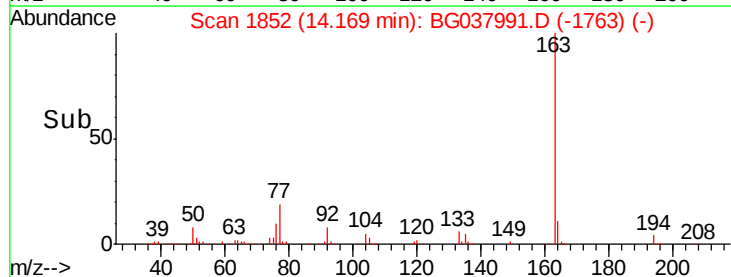
163 100

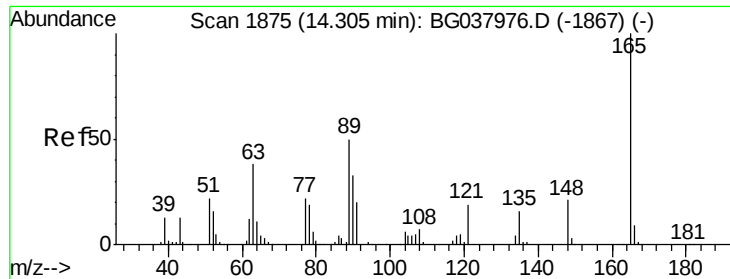
194 4.2 3.5 5.3

164 10.6 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

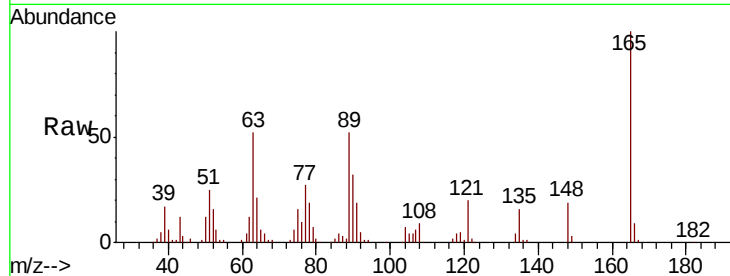




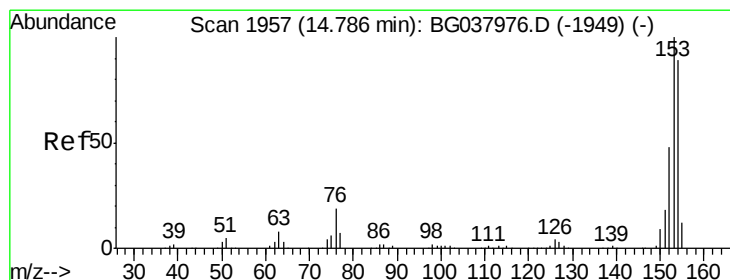
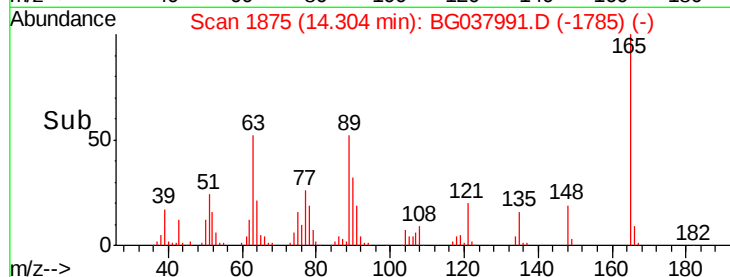
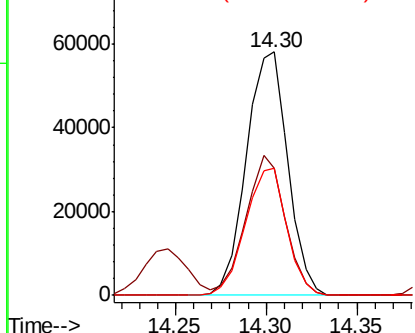
#51
 2,6-Dinitrotoluene
 Concen: 44.420 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	43.4	65.2
89	52.2	45.8	68.6

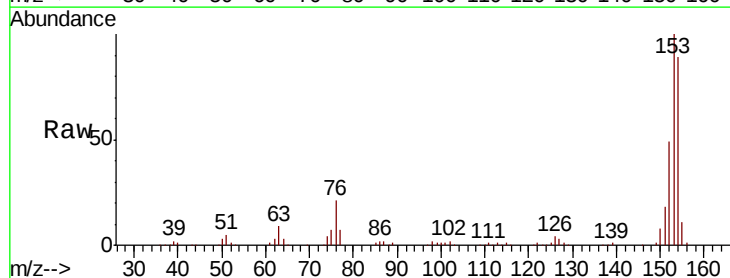


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

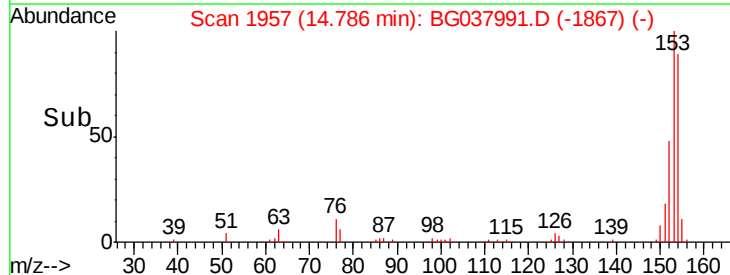
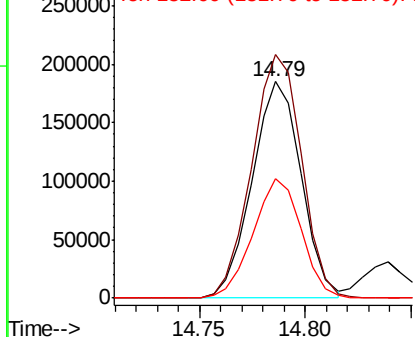


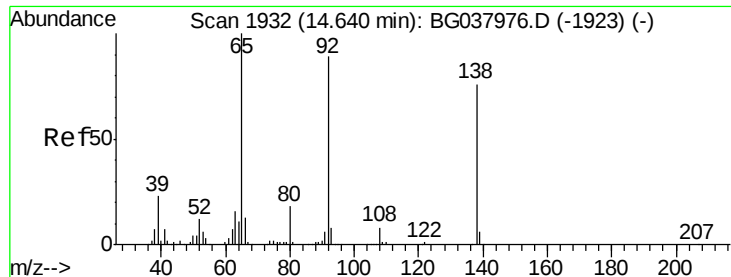
#52
 Acenaphthene
 Concen: 44.295 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	93.4	140.0
152	55.0	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

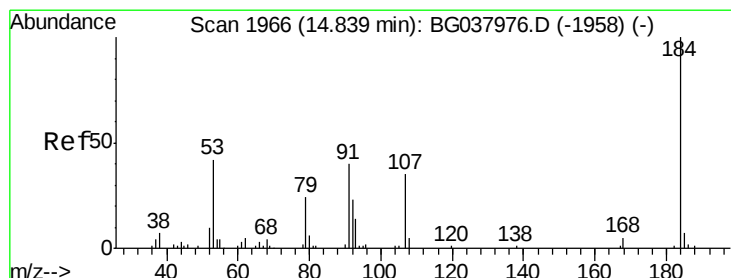
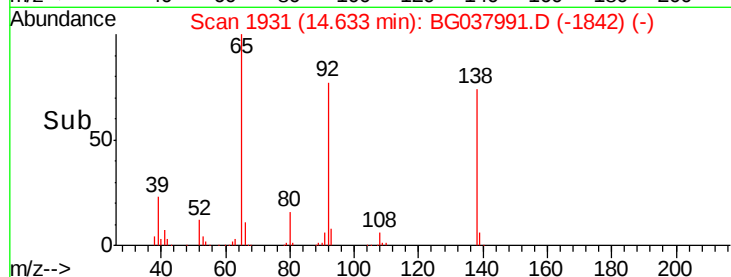
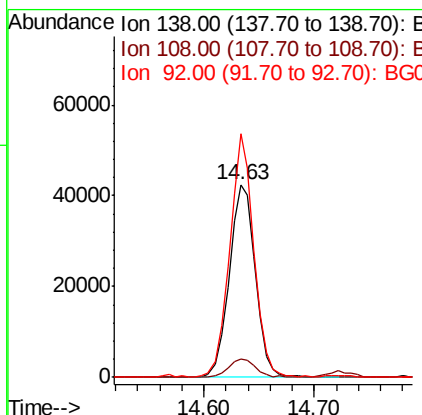
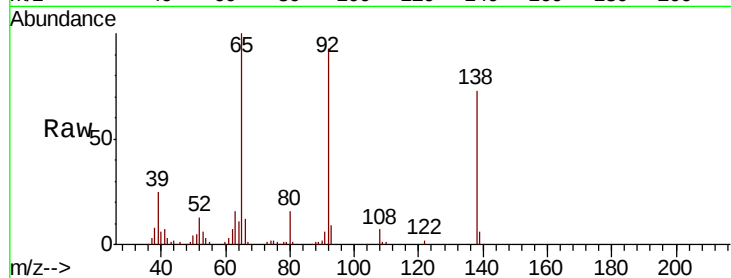




#53
3-Nitroaniline
Concen: 30.401 ng
RT: 14.63 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

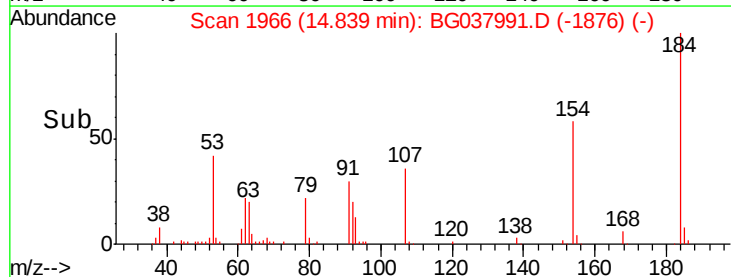
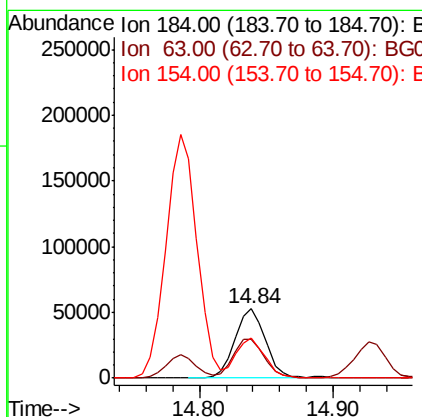
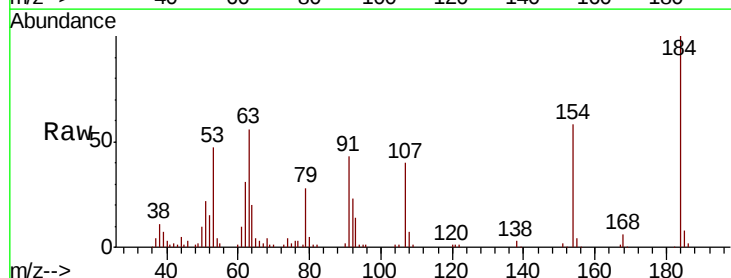
Instrument :
BNA_G
ClientSampleId :
PB114712BS

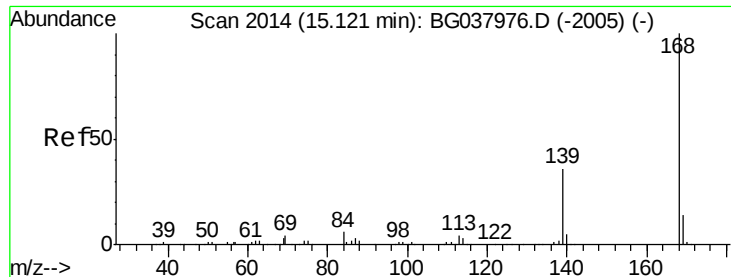
Tgt Ion:138 Resp: 70028
Ion Ratio Lower Upper
138 100
108 9.2 11.0 16.6#
92 126.4 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 75.292 ng
RT: 14.84 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:184 Resp: 84131
Ion Ratio Lower Upper
184 100
63 56.4 42.6 63.8
154 58.2 41.8 62.6

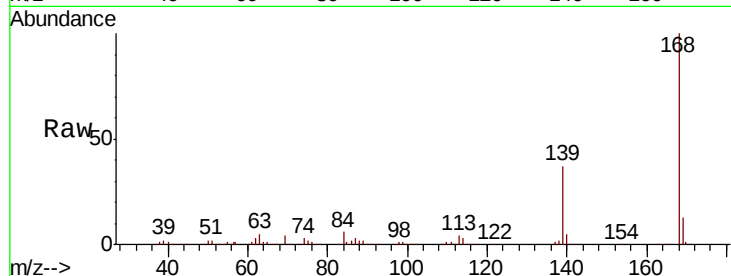




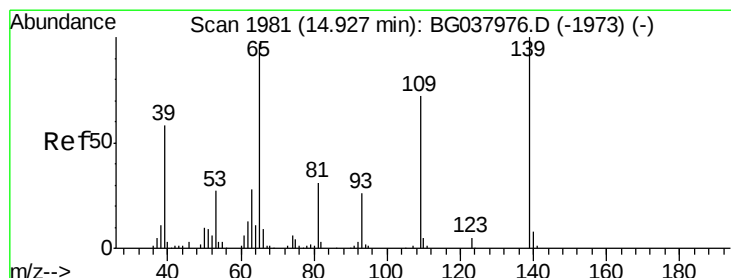
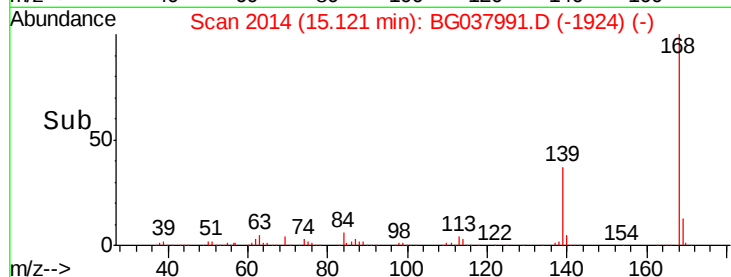
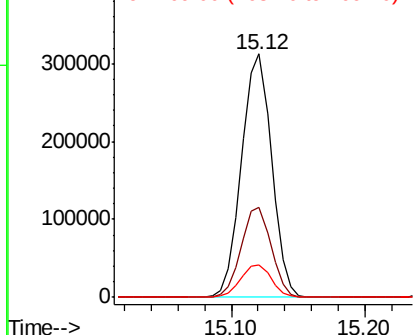
#55
Dibenzenofuran
Concen: 43.546 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB114712BS

Tgt Ion:168 Resp: 486203
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.0
169 13.2 11.0 16.6

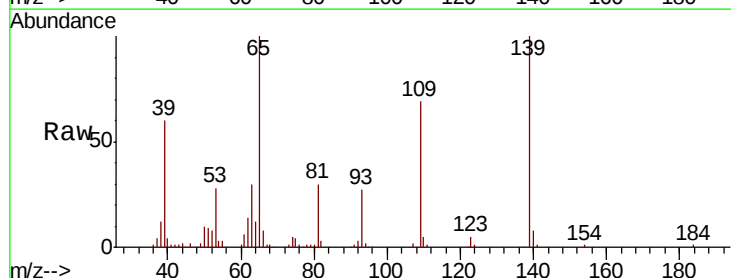


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

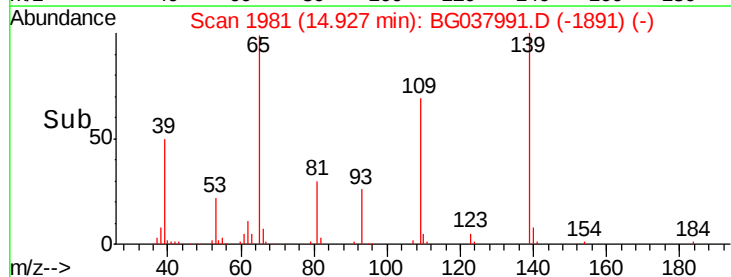
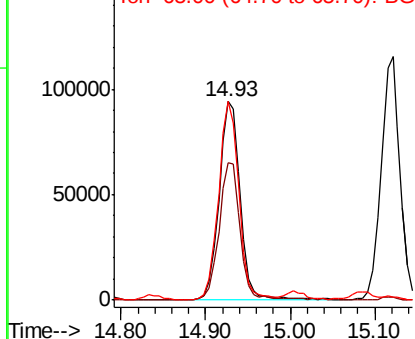


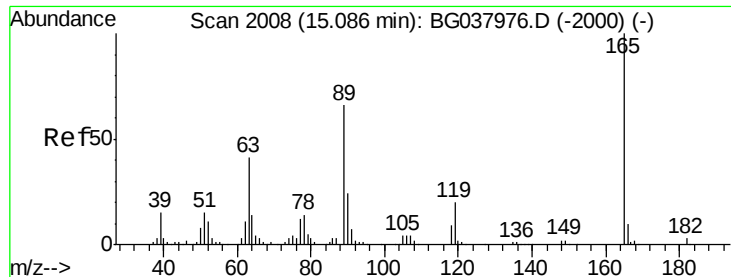
#56
4-Nitrophenol
Concen: 92.132 ng
RT: 14.93 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:139 Resp: 163679
Ion Ratio Lower Upper
139 100
109 69.4 49.5 89.5
65 100.0 76.8 116.8



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

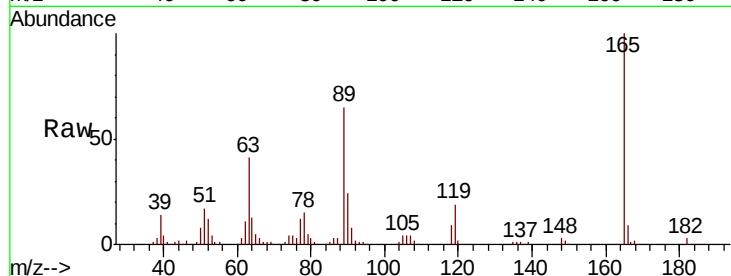




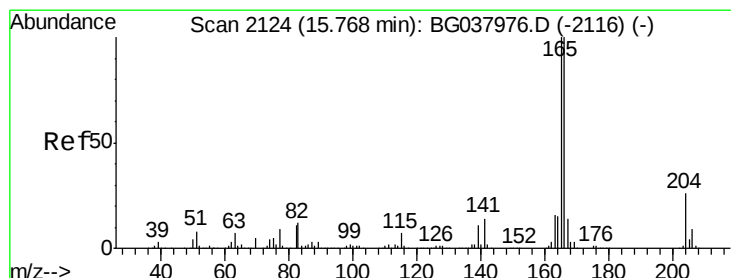
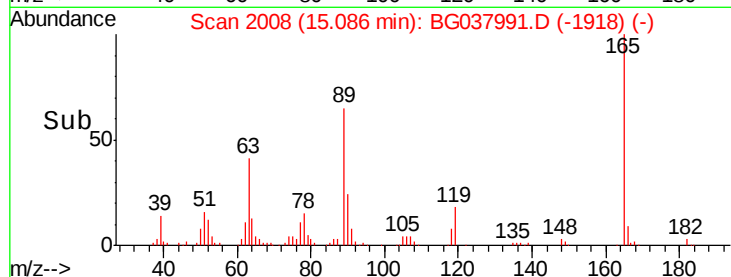
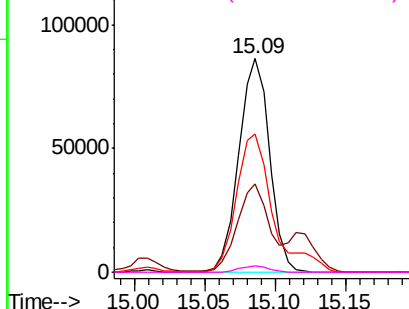
#57
2,4-Dinitrotoluene
Concen: 46.240 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB114712BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.0
89	64.9	57.2	85.8
182	3.2	2.6	4.0

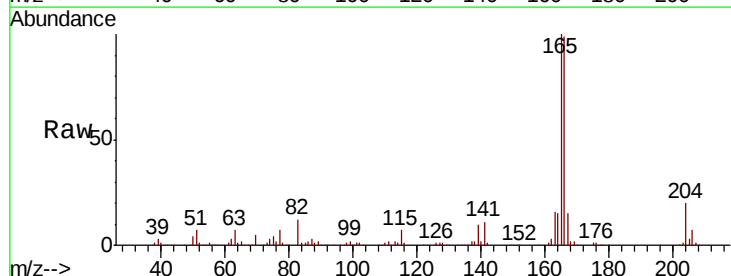


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

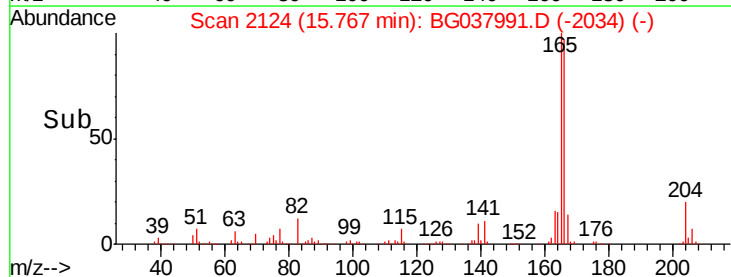
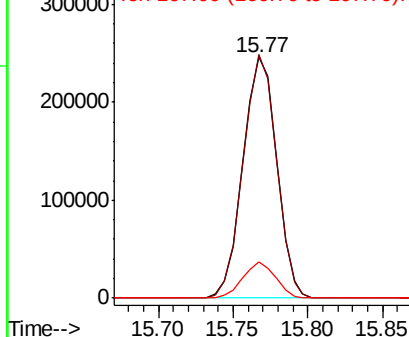


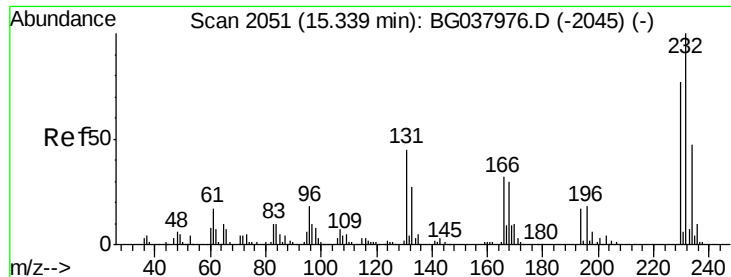
#58
Fluorene
Concen: 46.333 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.0	118.6
167	15.0	11.3	16.9



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

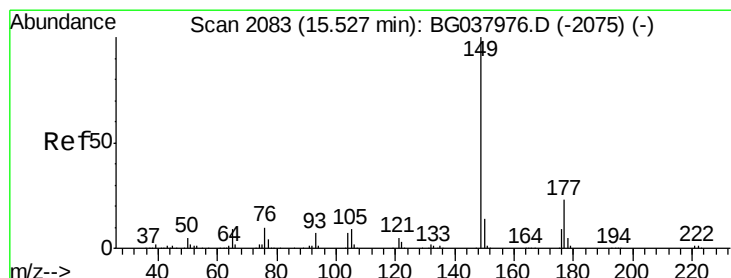
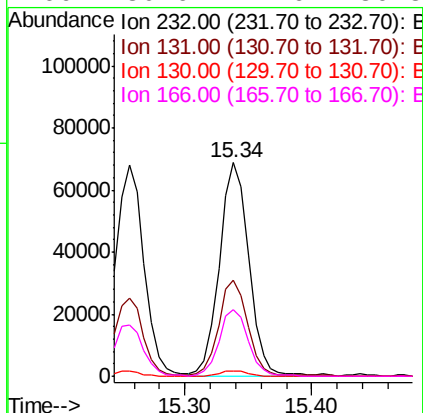
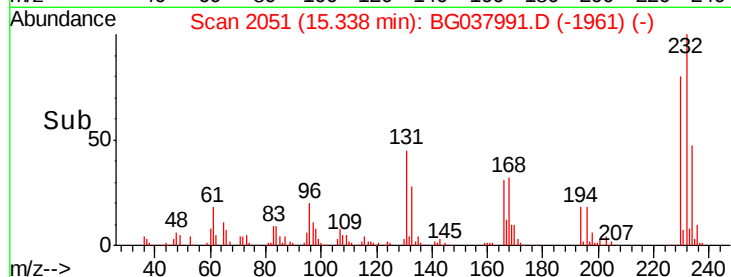
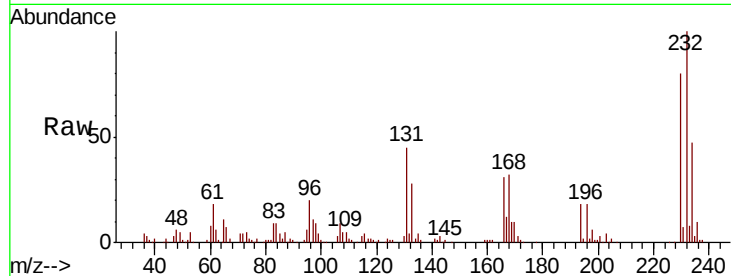




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.870 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

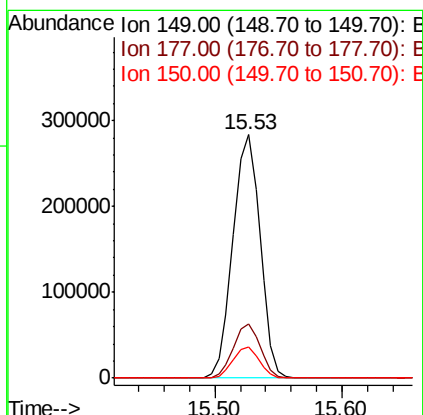
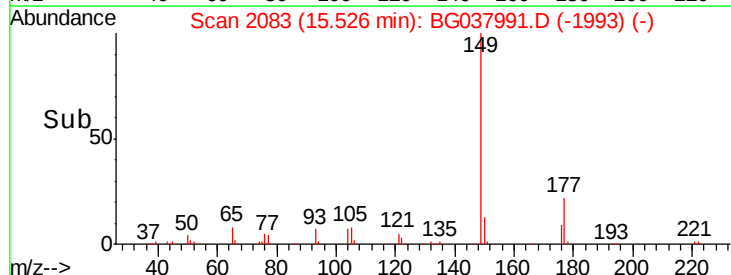
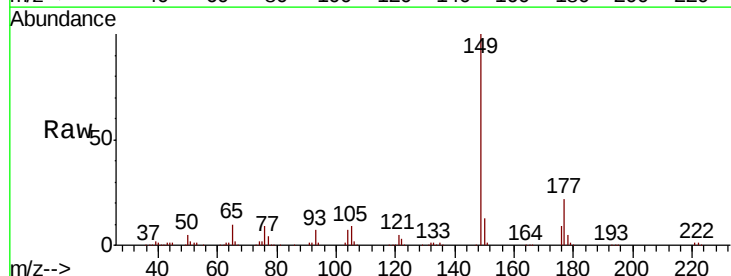
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

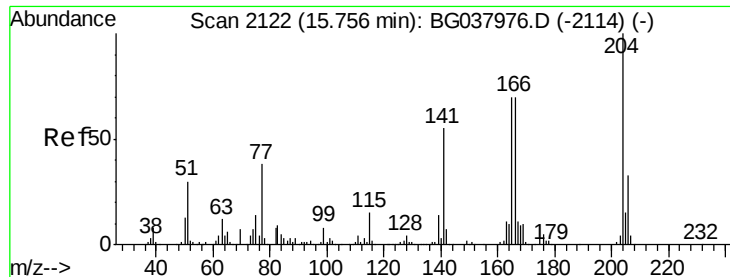
Tgt Ion: 232 Resp: 111654
 Ion Ratio Lower Upper
 232 100
 131 42.8 33.7 50.5
 130 2.4 2.1 3.1
 166 30.6 24.6 36.8



#60
 Diethylphthalate
 Concen: 42.818 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion: 149 Resp: 419473
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.7 10.0 15.0

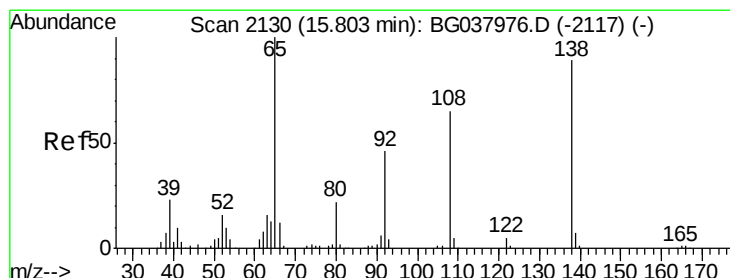
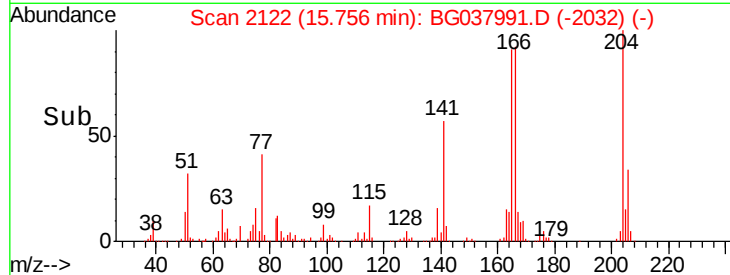
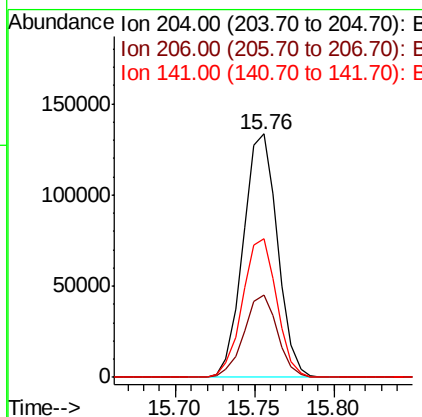
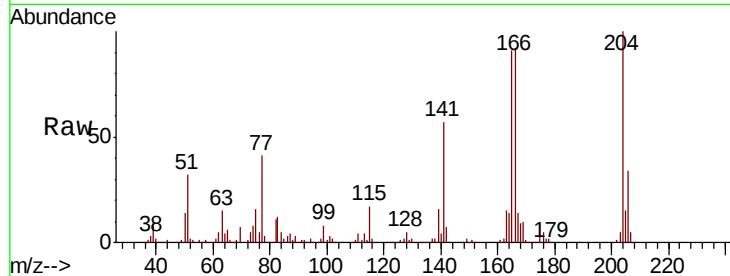




#61
 4-Chlorophenyl-phenylether
 Concen: 40.920 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

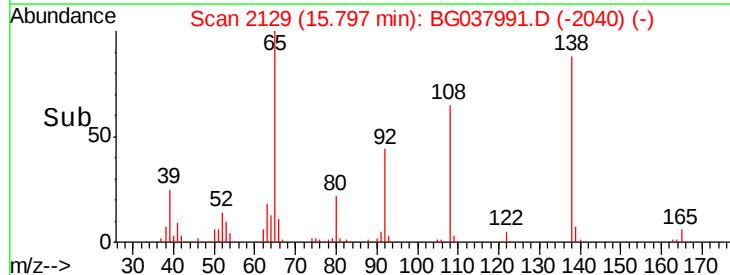
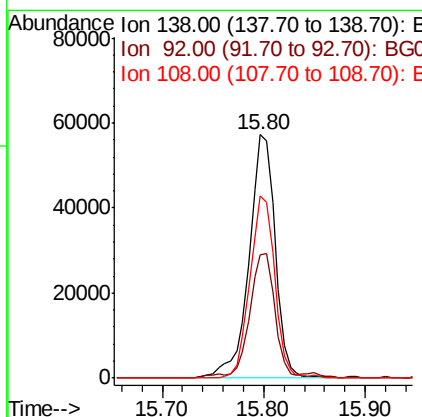
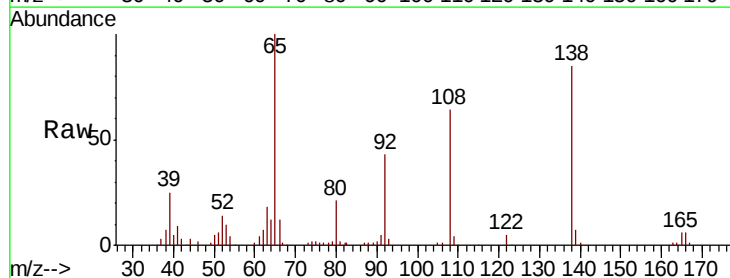
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

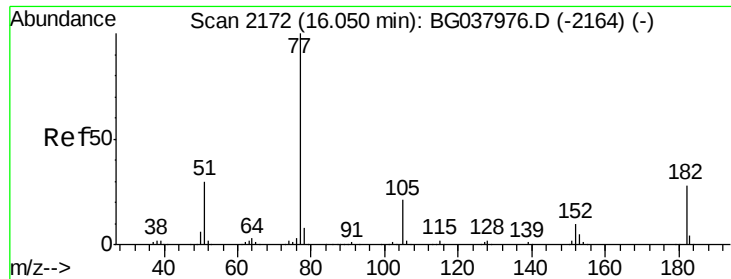
Tgt Ion:	204	Resp:	199466
Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	39.8
141	56.7	45.4	68.2



#62
 4-Nitroaniline
 Concen: 44.877 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion:	138	Resp:	102691
Ion	Ratio	Lower	Upper
138	100		
92	50.6	36.4	76.4
108	74.7	60.1	100.1

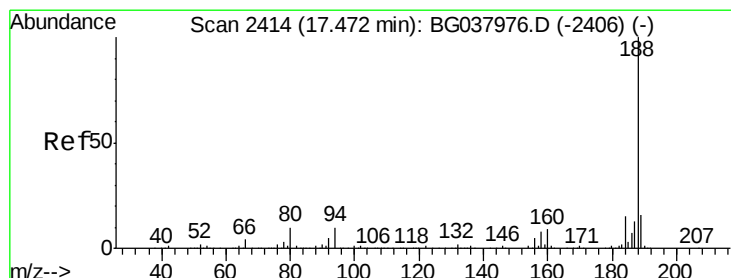
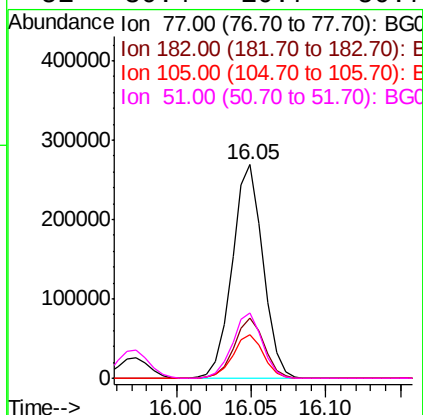
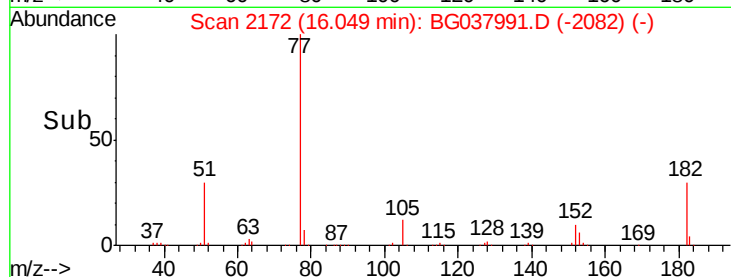
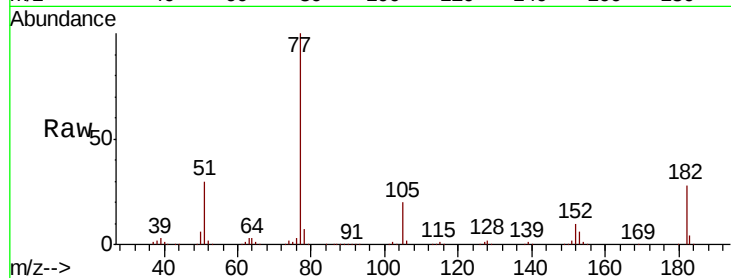




#63
Azobenzene
Concen: 44.018 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

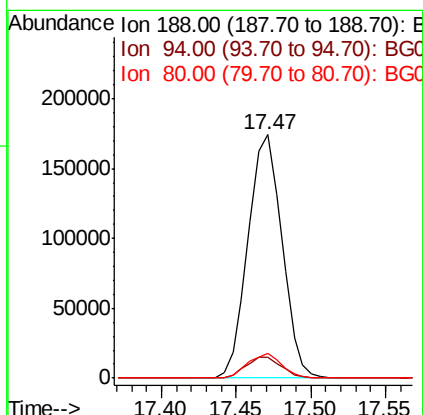
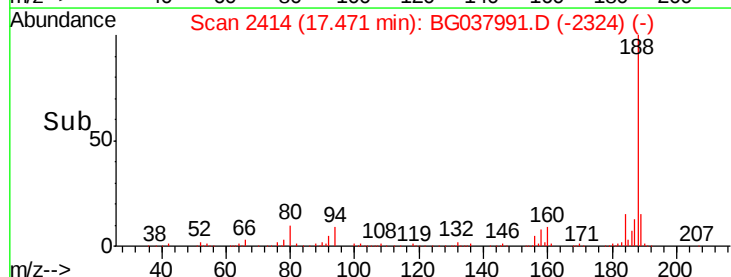
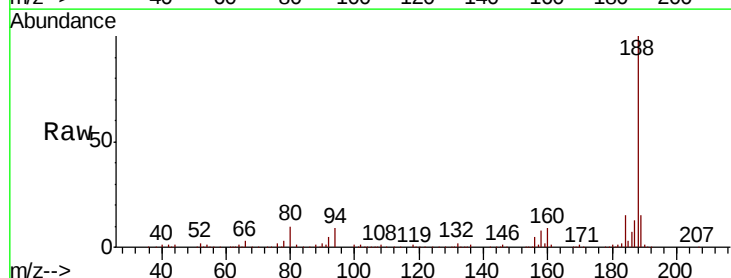
Instrument :
BNA_G
ClientSampleId :
PB114712BS

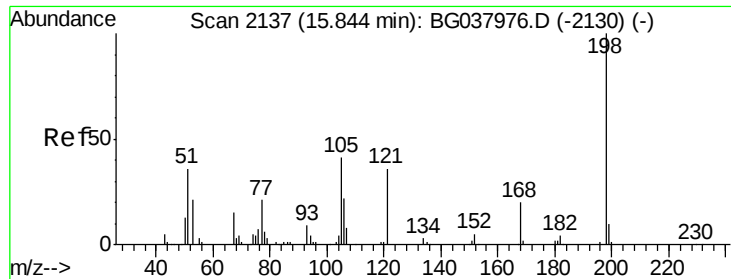
Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.0	48.0
105	20.4	1.3	41.3
51	30.4	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.1	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 40.022 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

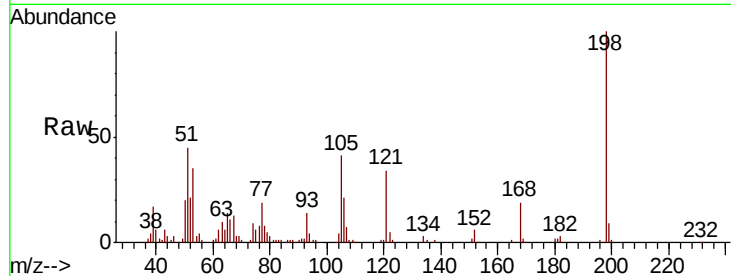
Tgt Ion:198 Resp: 69405

Ion Ratio Lower Upper

198 100

51 44.6 22.7 62.7

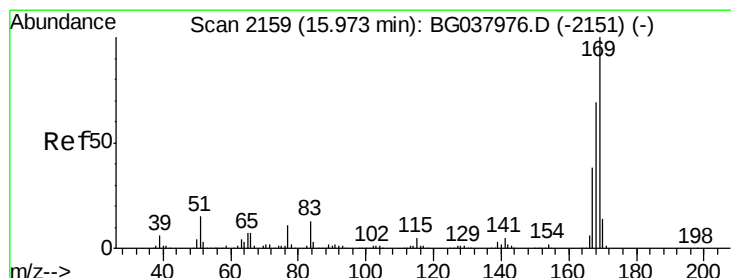
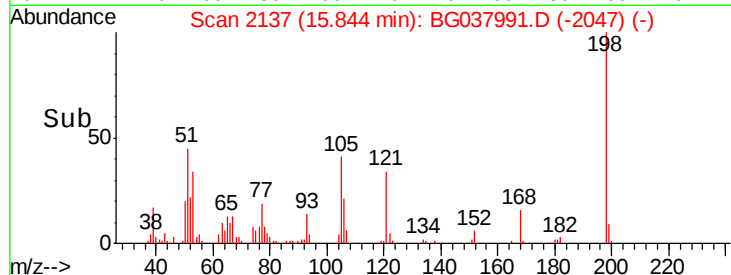
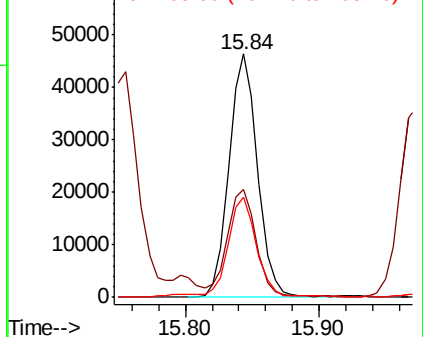
105 41.2 19.7 59.7



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: 42.694 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

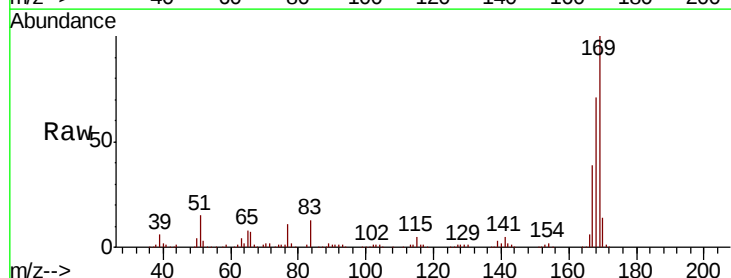
Tgt Ion:169 Resp: 354131

Ion Ratio Lower Upper

169 100

168 70.6 55.7 83.5

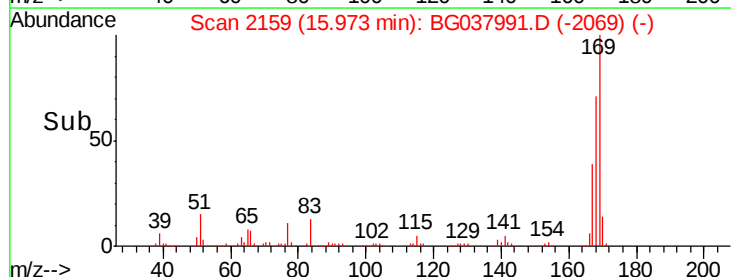
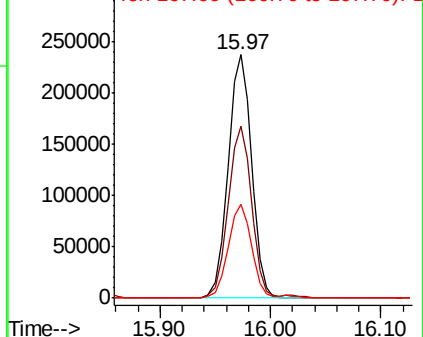
167 38.7 31.3 46.9

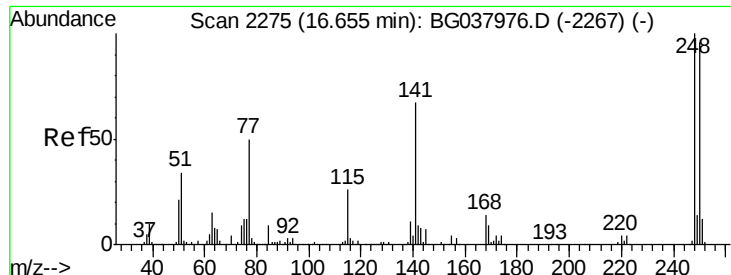


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

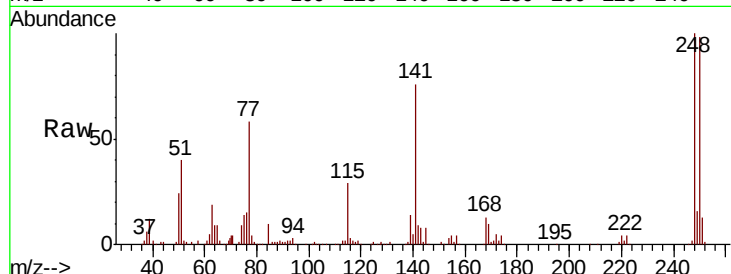




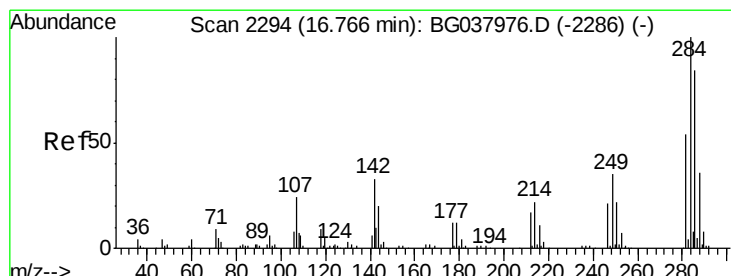
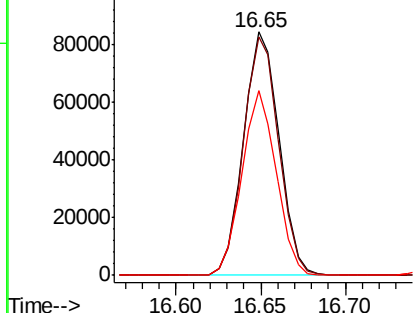
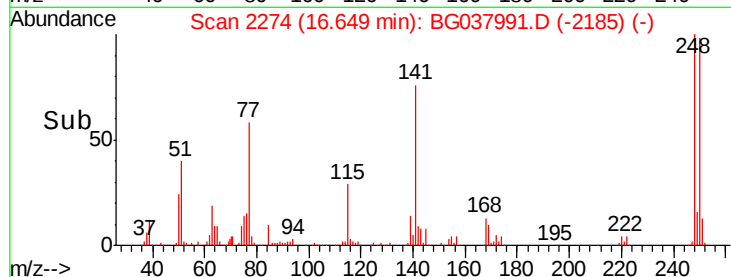
#67
 4-Bromophenyl-phenylether
 Concen: 41.114 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Tgt Ion:248 Resp: 123727
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.0 115.6
 141 75.7 55.5 83.3

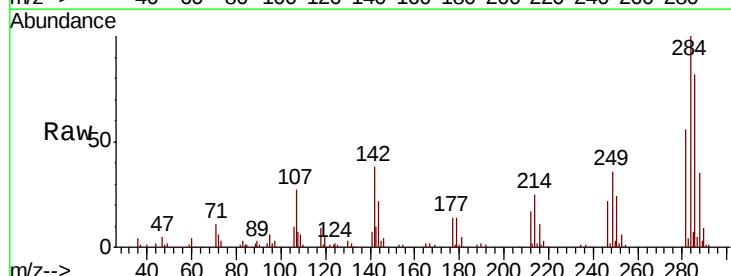


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

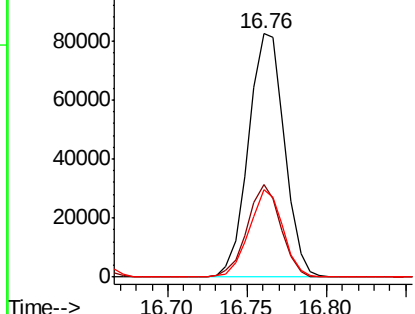
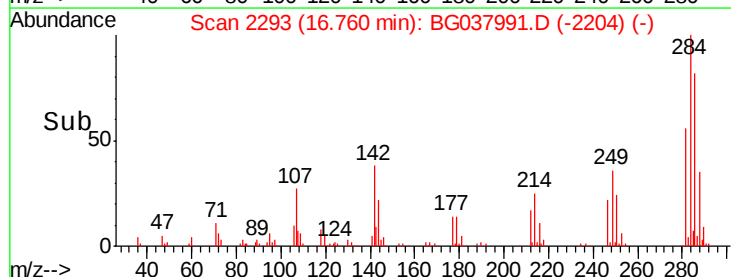


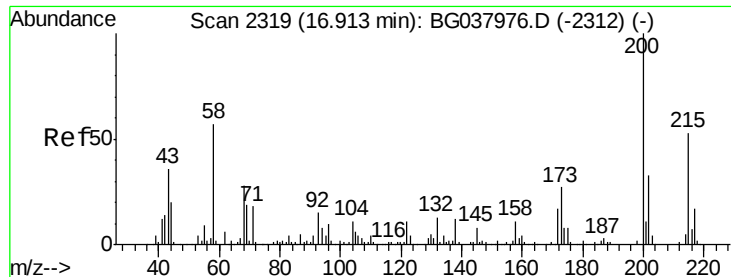
#68
 Hexachlorobenzene
 Concen: 41.778 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion:284 Resp: 129773
 Ion Ratio Lower Upper
 284 100
 142 37.9 28.1 42.1
 249 38.6 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

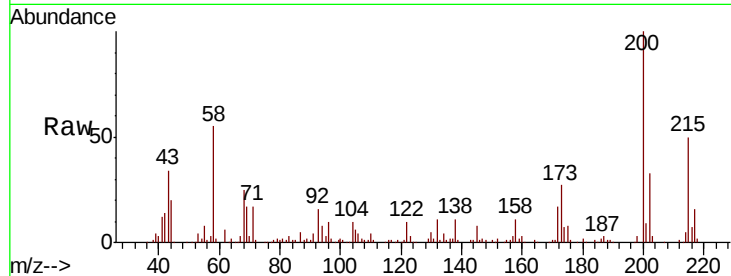




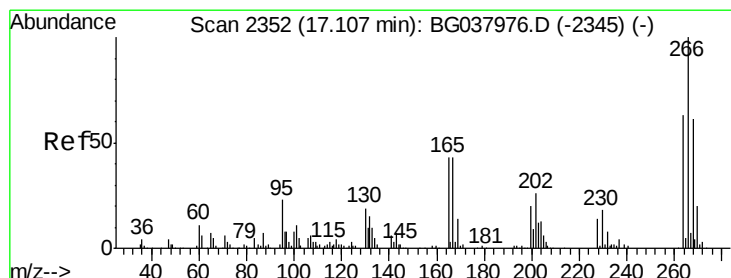
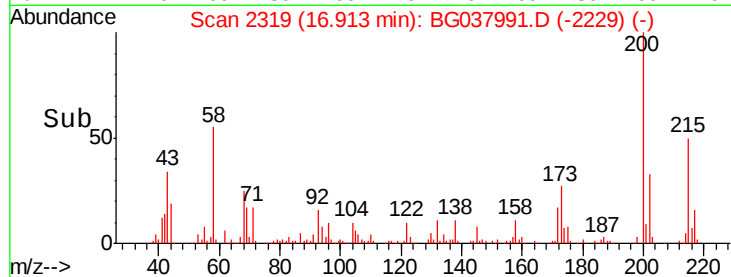
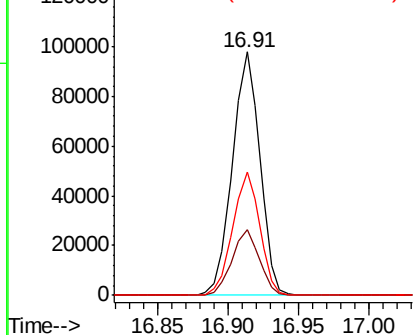
#69
 Atrazine
 Concen: 43.422 ng
 RT: 16.91 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

Tgt Ion:200 Resp: 132770
 Ion Ratio Lower Upper
 200 100
 173 26.8 6.1 46.1
 215 50.4 30.8 70.8

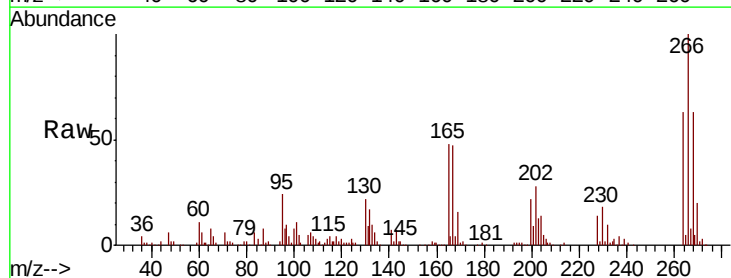


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

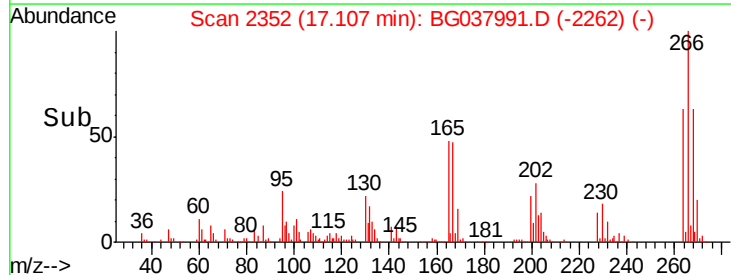
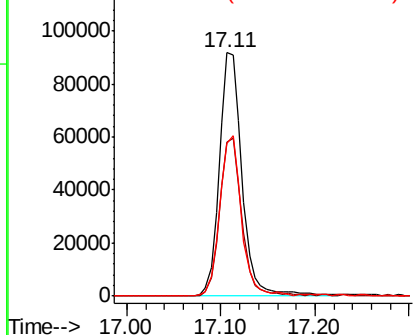


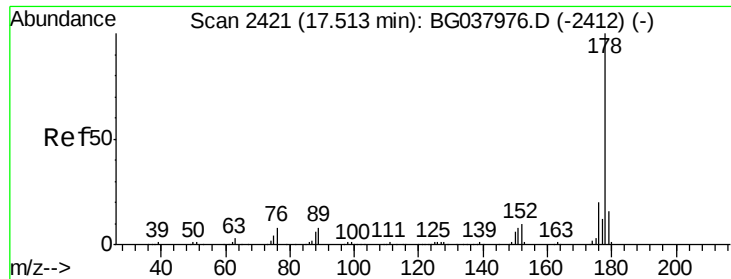
#70
 Pentachlorophenol
 Concen: 73.340 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion:266 Resp: 154720
 Ion Ratio Lower Upper
 266 100
 268 67.9 55.0 82.6
 264 67.8 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

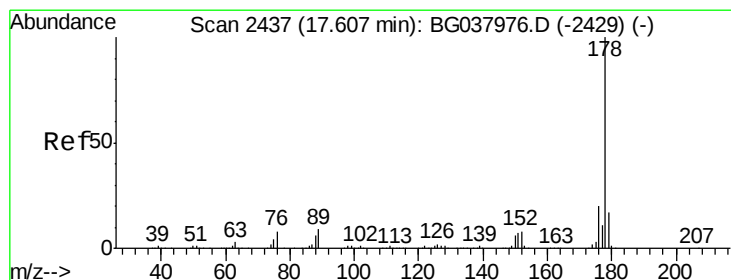
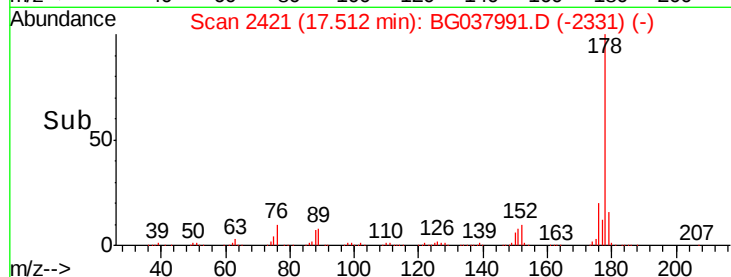
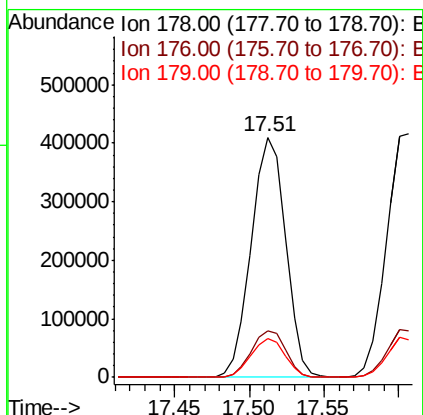
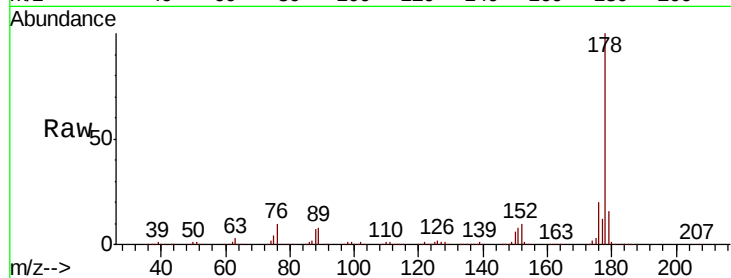




#71
 Phenanthrene
 Concen: 46.529 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

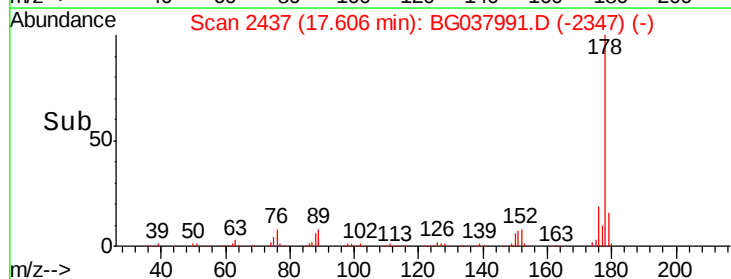
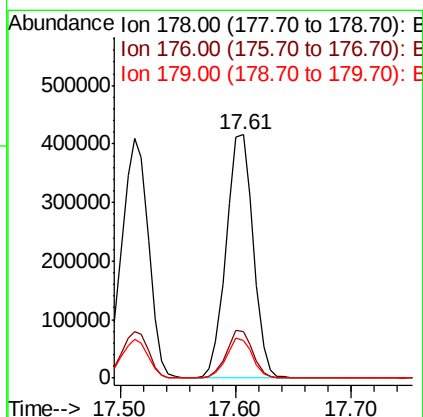
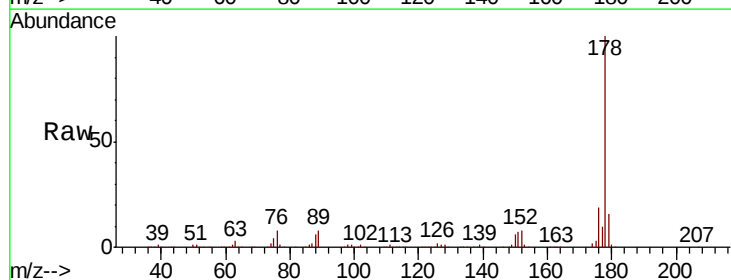
Instrument :
 BNA_G
 ClientSampleId :
 PB114712BS

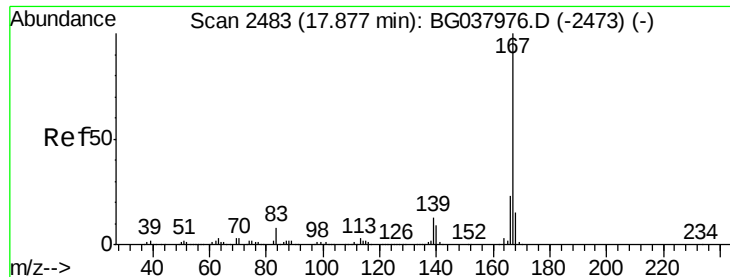
Tgt Ion:178 Resp: 653146
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.1 24.1
 179 16.1 13.0 19.4



#72
 Anthracene
 Concen: 48.699 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG037991.D
 Acq: 13 Nov 2018 23:54

Tgt Ion:178 Resp: 673855
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.0 22.4
 179 15.5 12.8 19.2





#73

Carbazole

Concen: 44.046 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

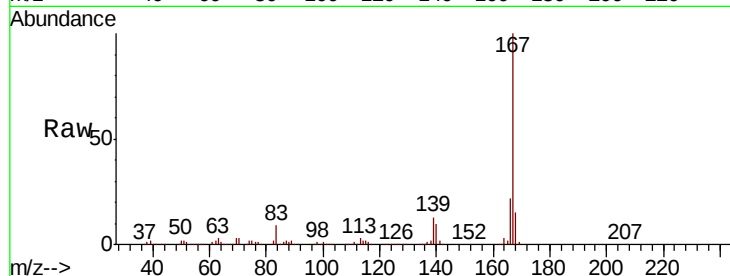
Tgt Ion:167 Resp: 611487

Ion Ratio Lower Upper

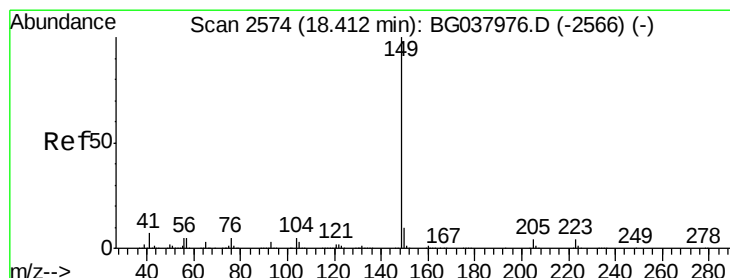
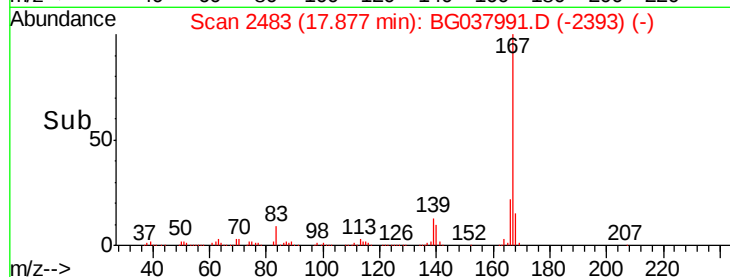
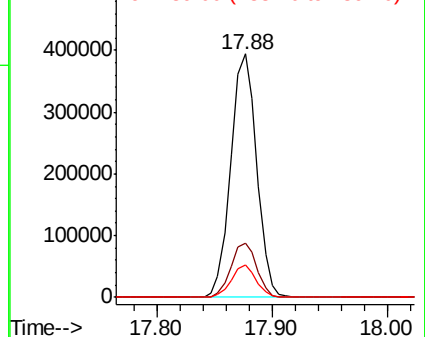
167 100

166 22.5 18.3 27.5

139 13.2 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 46.475 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

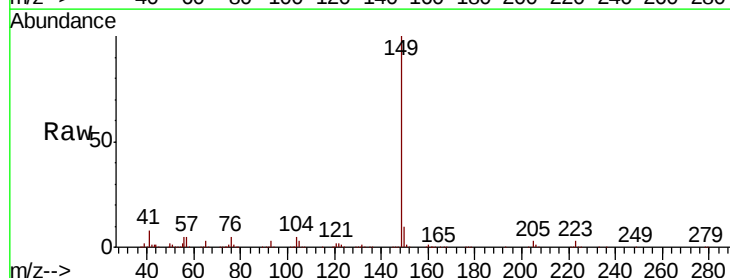
Tgt Ion:149 Resp: 724267

Ion Ratio Lower Upper

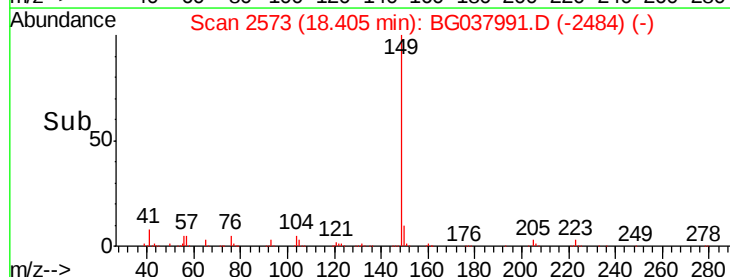
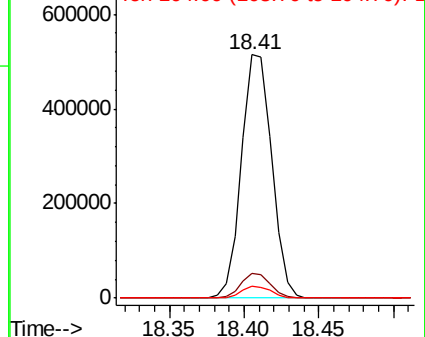
149 100

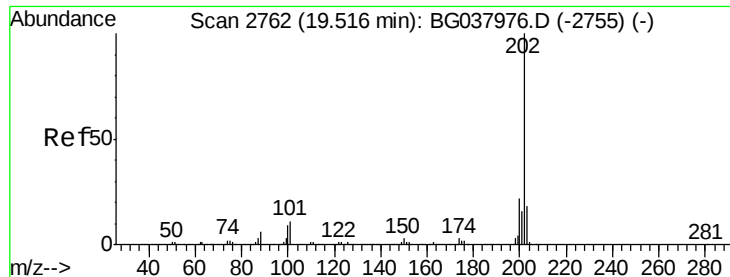
150 10.1 8.2 12.2

104 4.9 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: 48.536 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

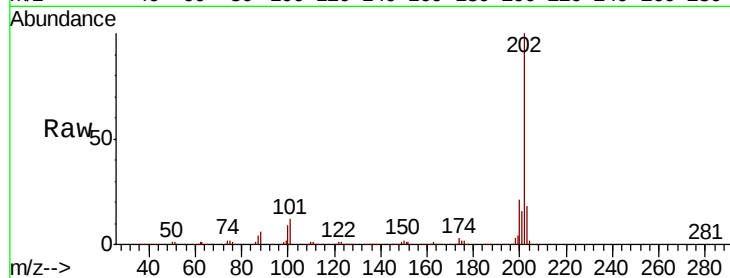
Tgt Ion:202 Resp: 777336

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

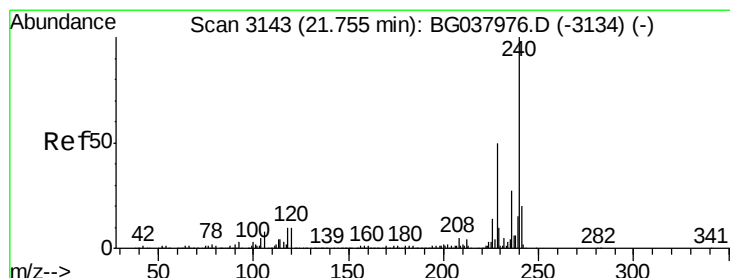
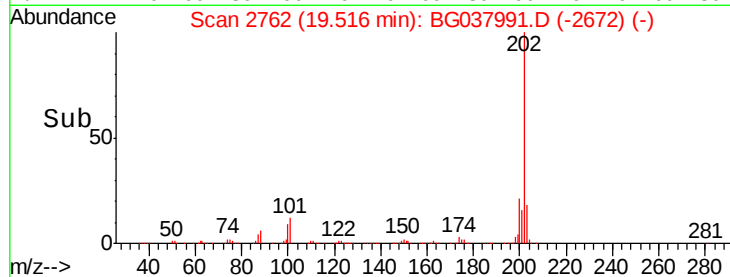
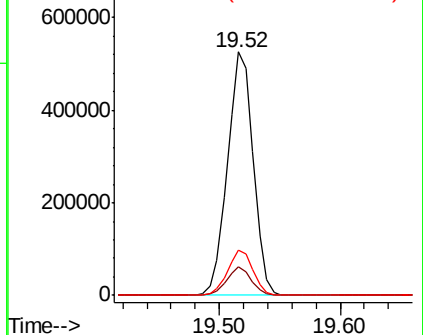
203 18.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

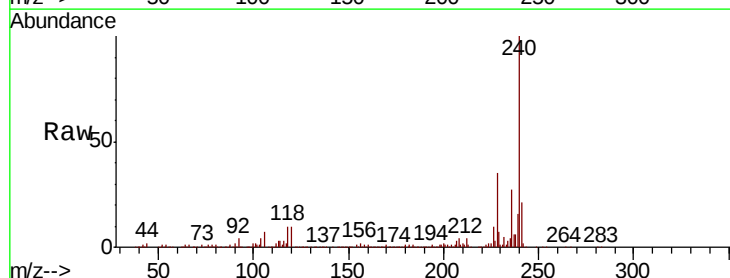
Tgt Ion:240 Resp: 257986

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

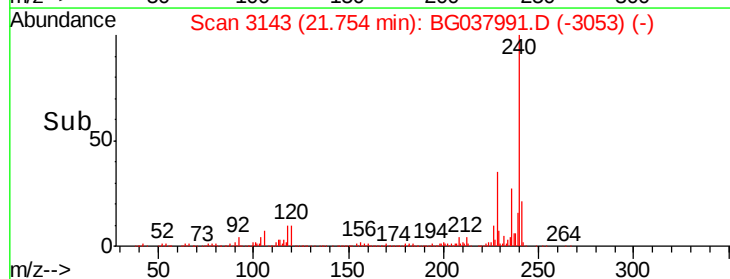
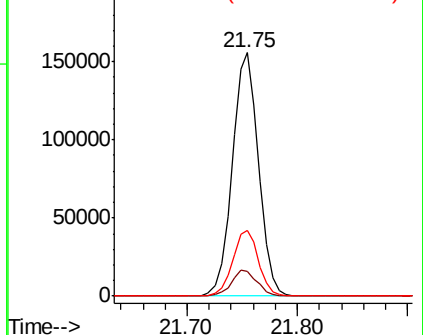
236 26.9 21.4 32.0

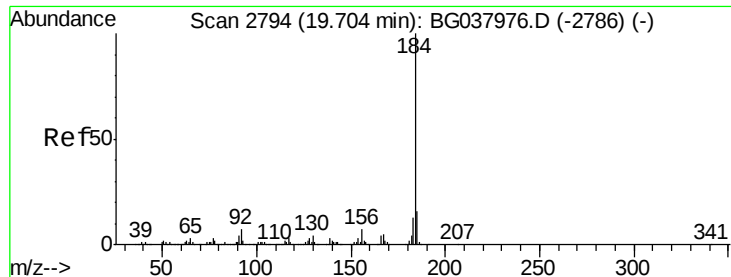


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.722 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

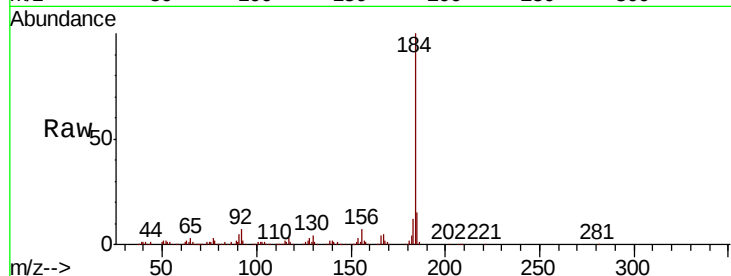
Tgt Ion:184 Resp: 422956

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

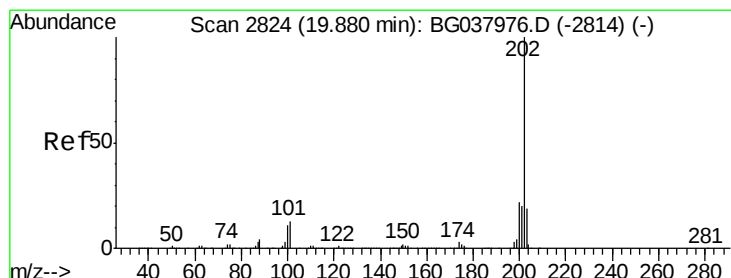
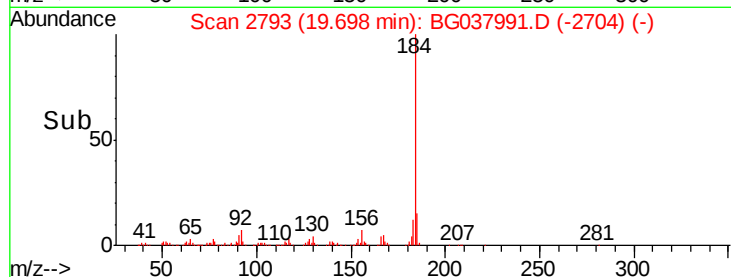
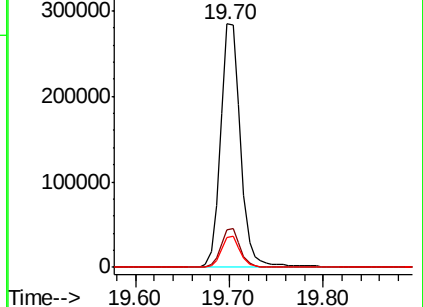
183 12.1 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.420 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

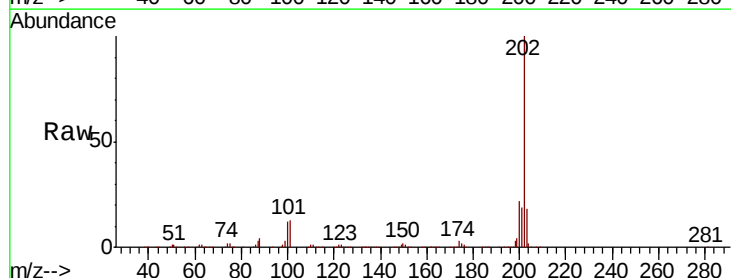
Tgt Ion:202 Resp: 782986

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

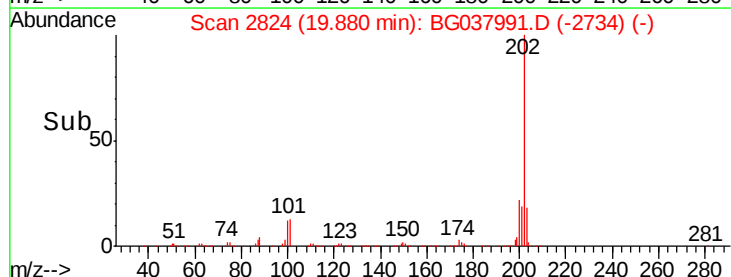
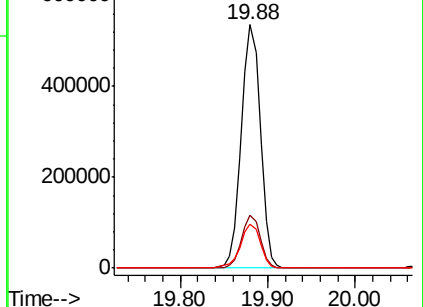
203 18.2 15.2 22.8

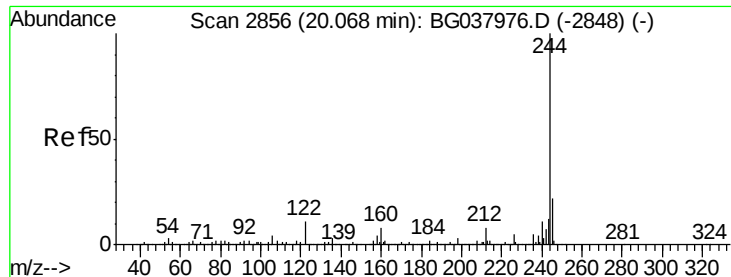


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.195 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

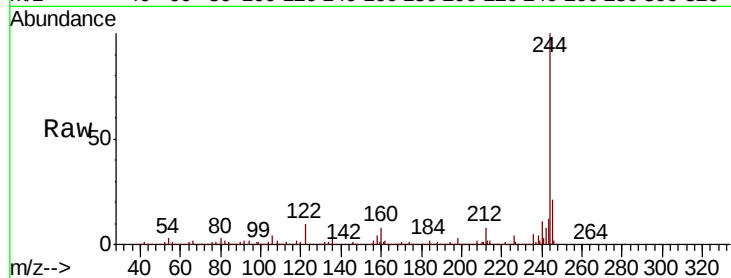
Tgt Ion:244 Resp: 901194

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

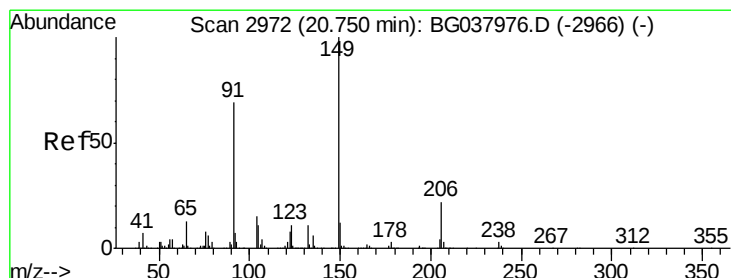
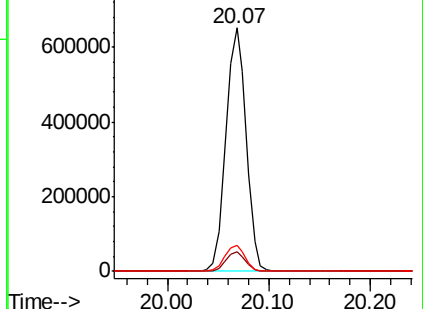
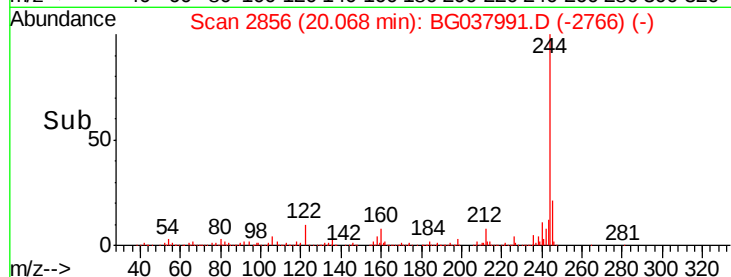
122 10.5 9.0 13.4



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: 45.373 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

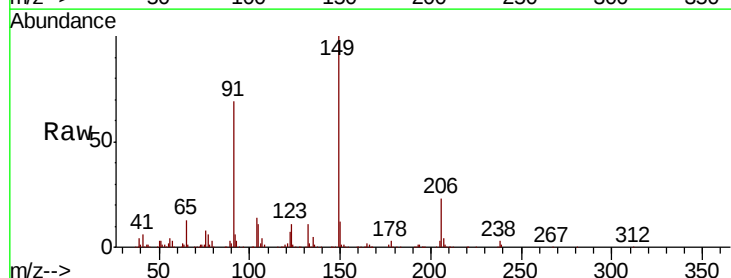
Tgt Ion:149 Resp: 334685

Ion Ratio Lower Upper

149 100

91 69.2 57.0 85.4

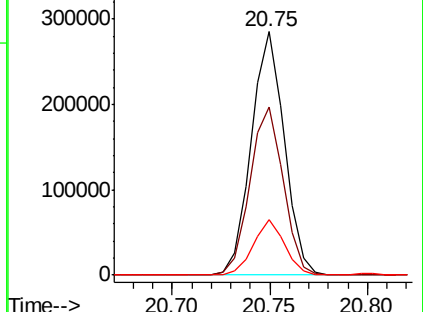
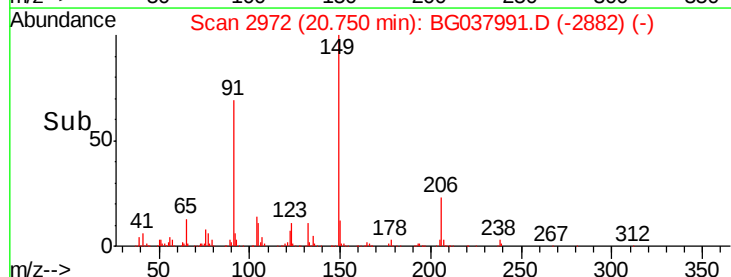
206 22.5 17.8 26.6

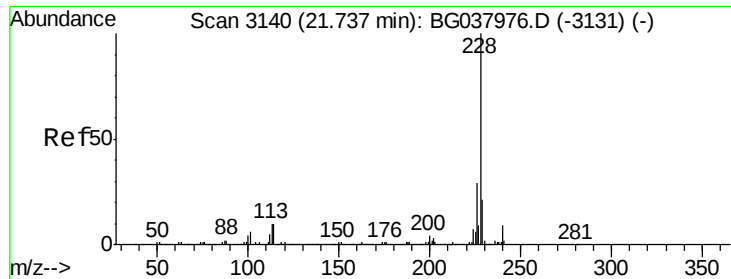


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.331 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

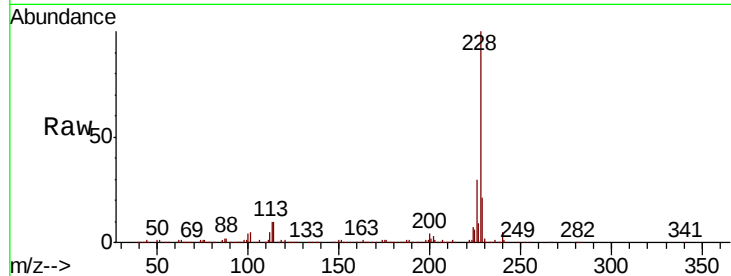
Tgt Ion:228 Resp: 737907

Ion Ratio Lower Upper

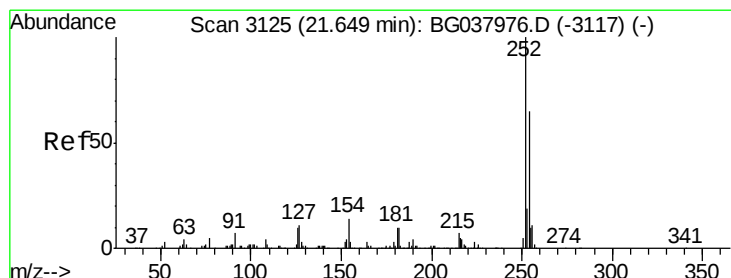
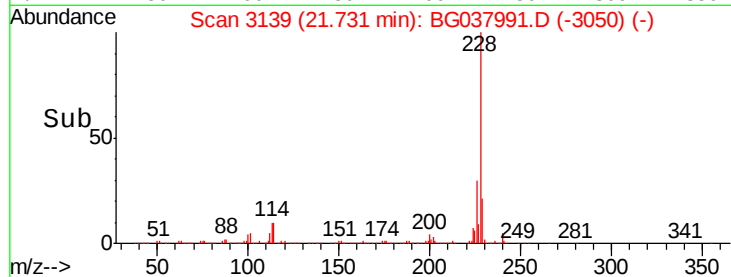
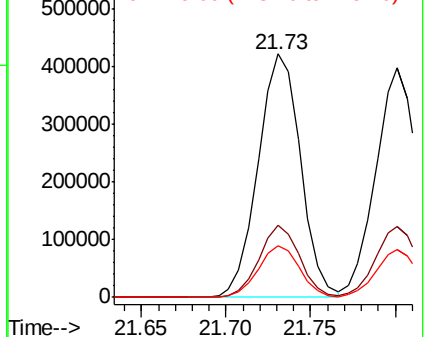
228 100

226 29.6 22.6 33.8

229 21.0 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 27.247 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

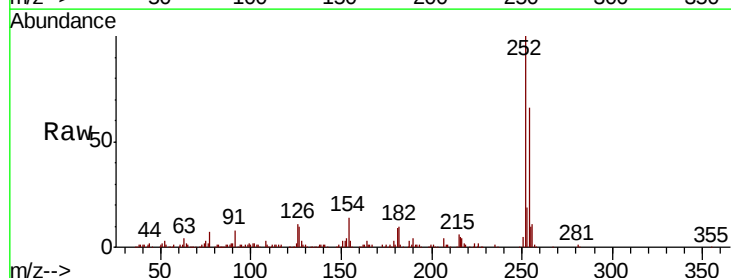
Tgt Ion:252 Resp: 165468

Ion Ratio Lower Upper

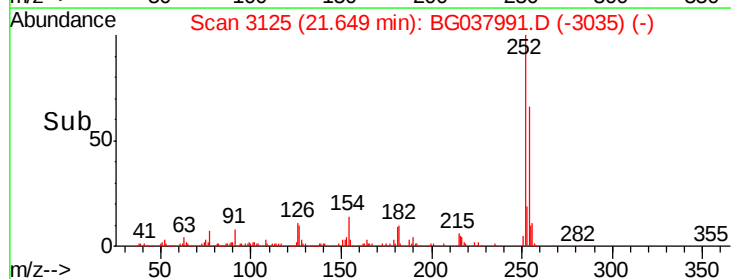
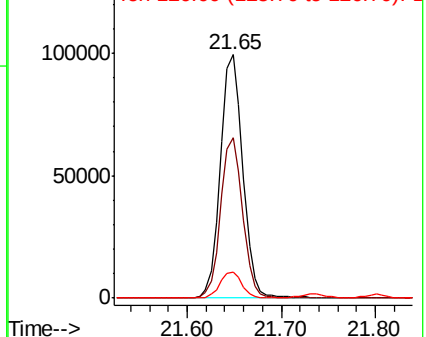
252 100

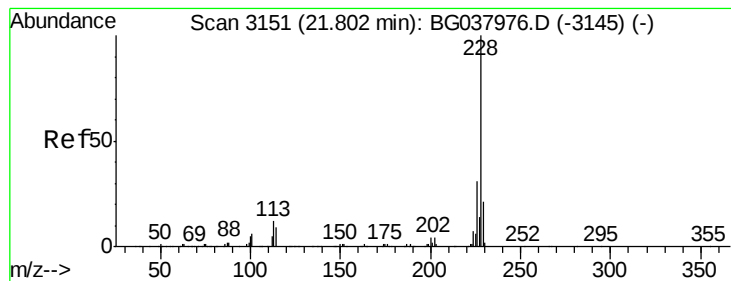
254 66.0 52.0 78.0

126 10.6 8.2 12.4



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





#83

Chrysene

Concen: 46.147 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

Instrument :

BNA_G

ClientSampleId :

PB114712BS

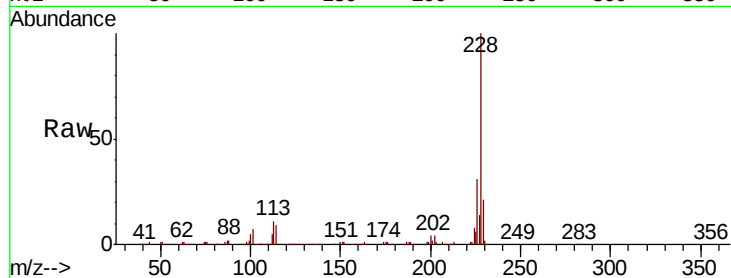
Tgt Ion:228 Resp: 688350

Ion Ratio Lower Upper

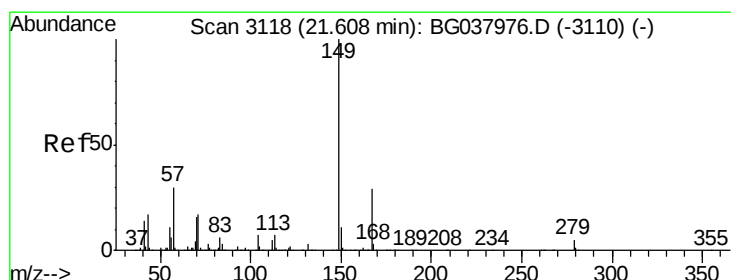
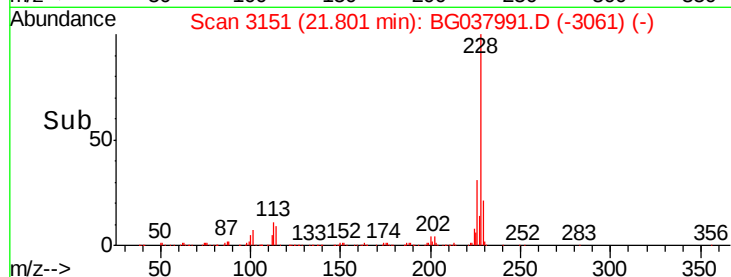
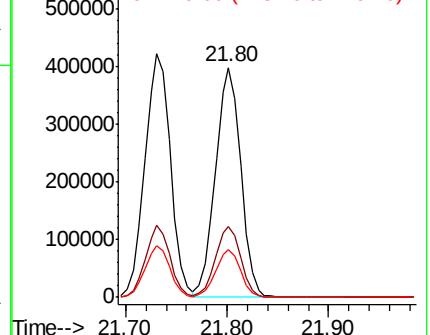
228 100

226 30.9 25.7 38.5

229 20.9 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: 44.821 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG037991.D

Acq: 13 Nov 2018 23:54

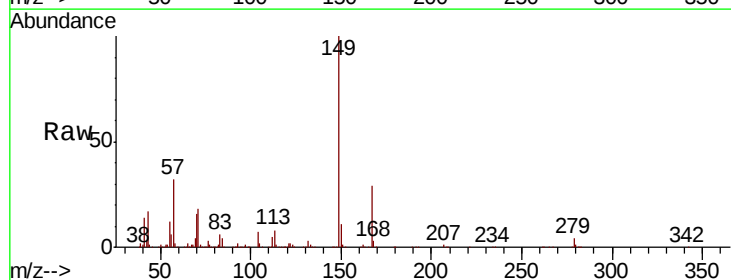
Tgt Ion:149 Resp: 471490

Ion Ratio Lower Upper

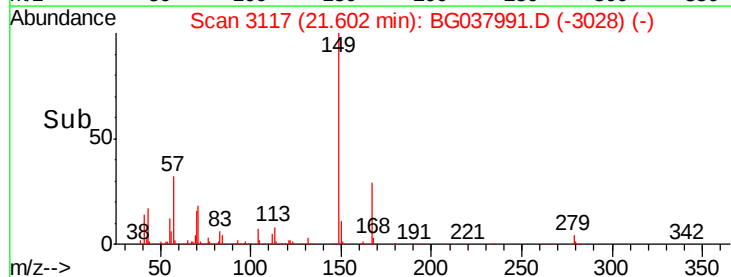
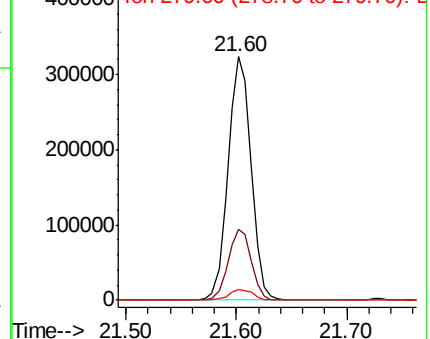
149 100

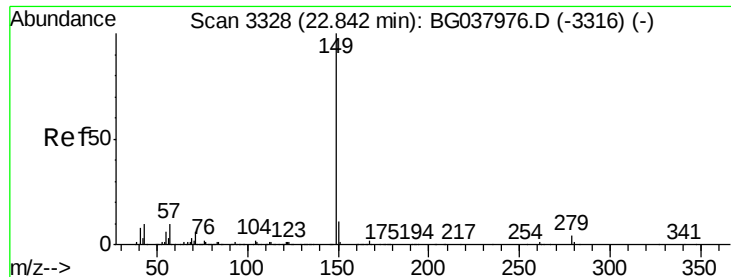
167 29.2 23.0 34.4

279 4.3 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

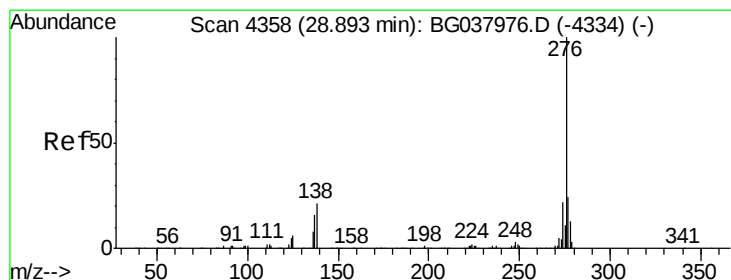
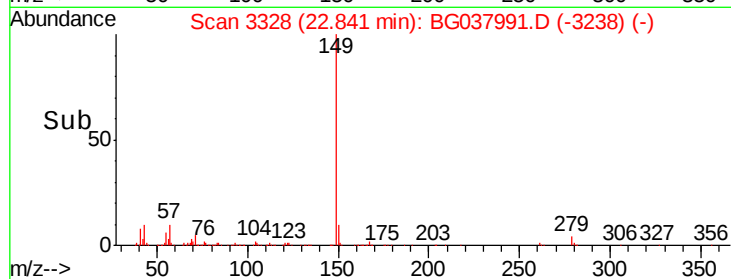
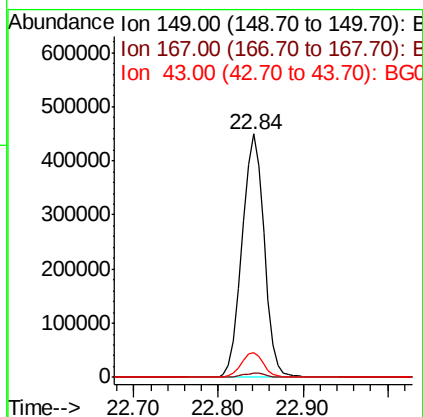
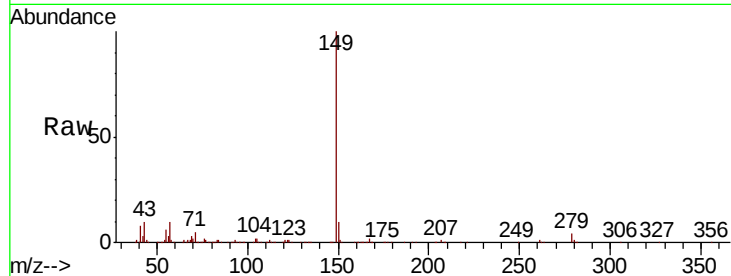




#85
Di-n-octyl phthalate
Concen: 47.711 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

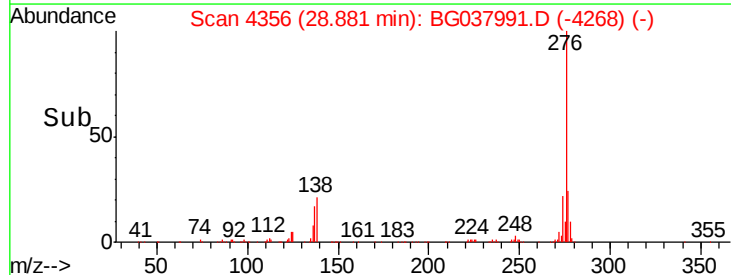
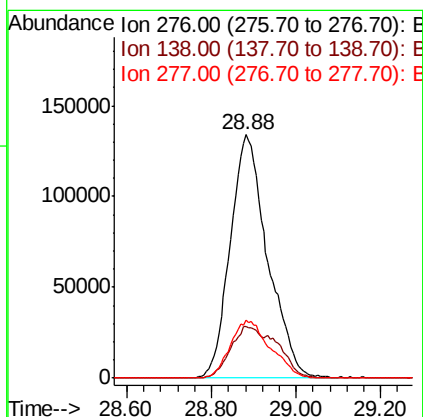
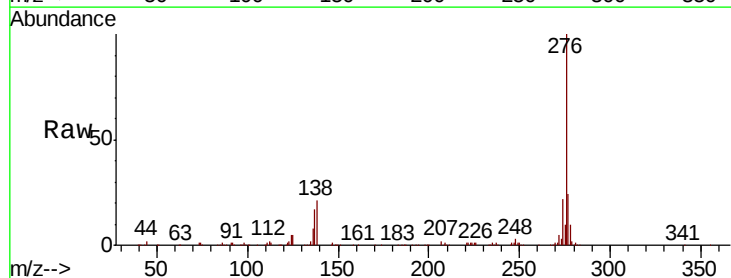
Instrument :
BNA_G
ClientSampleId :
PB114712BS

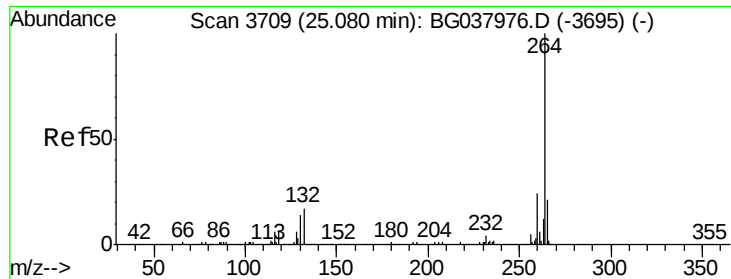
Tgt Ion:149 Resp: 811957
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.2 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.453 ng
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:276 Resp: 819279
Ion Ratio Lower Upper
276 100
138 17.0 12.0 18.0
277 25.5 20.6 30.8

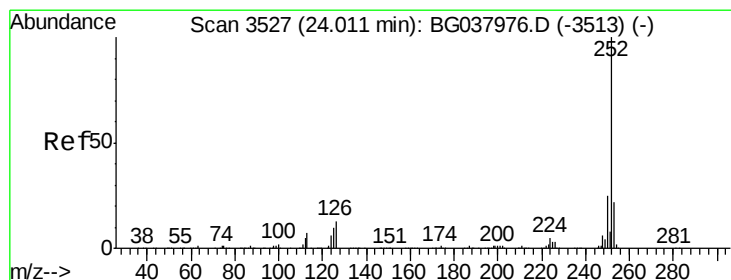
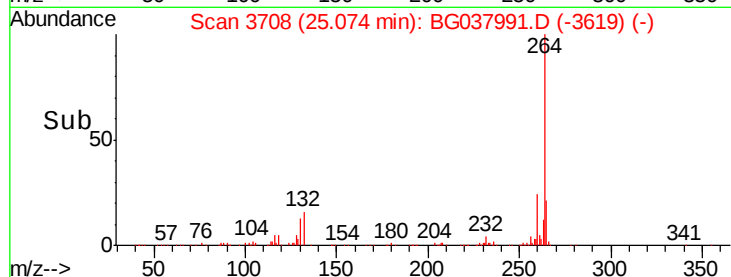
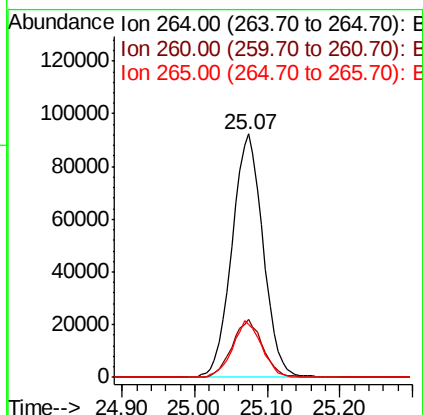
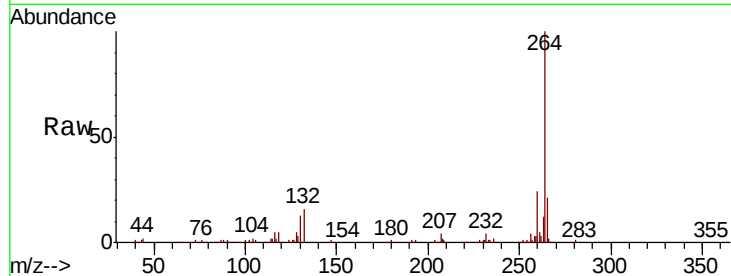




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

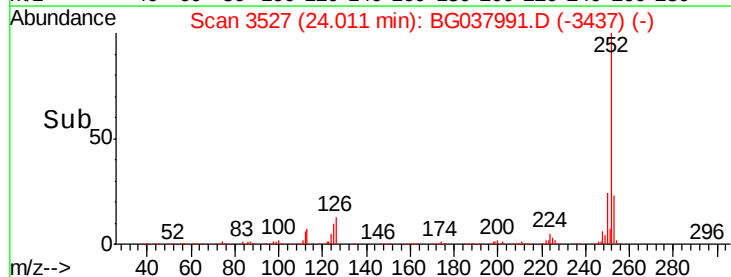
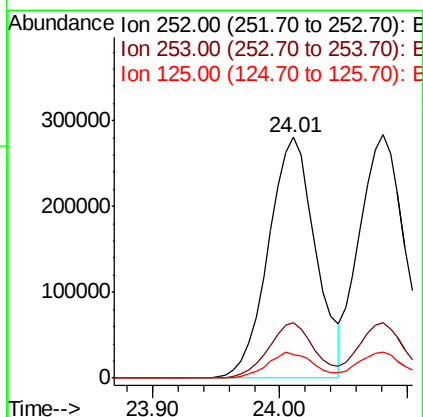
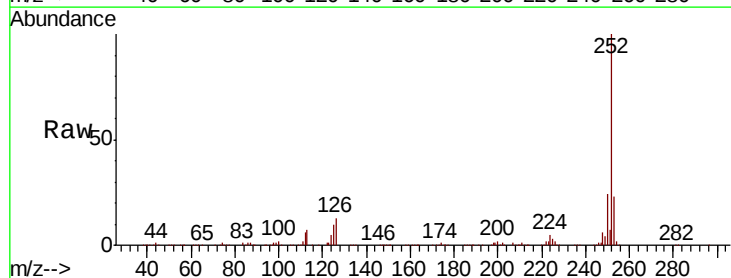
Instrument :
BNA_G
ClientSampleId :
PB114712BS

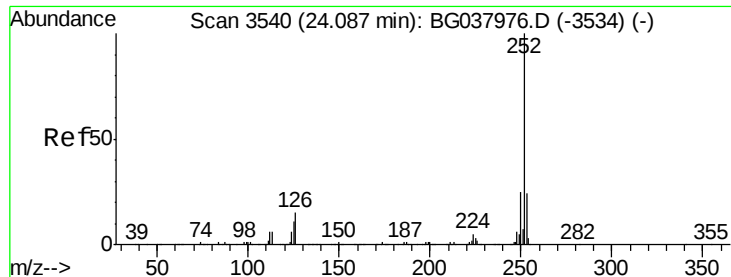
Tgt Ion: 264 Resp: 274565
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.4
265 21.5 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 48.068 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion: 252 Resp: 726278
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 9.9 7.8 11.6

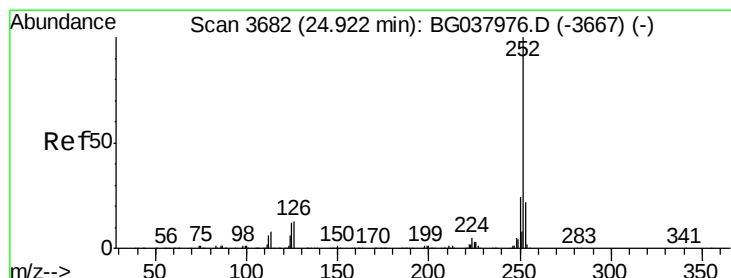
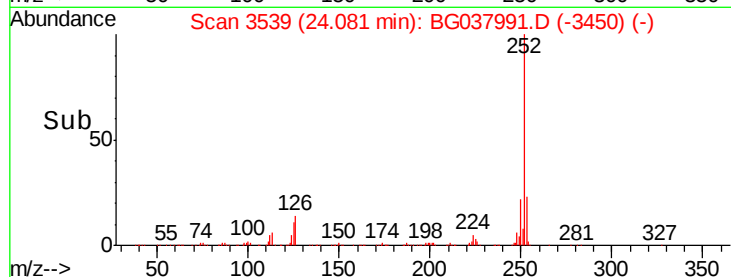
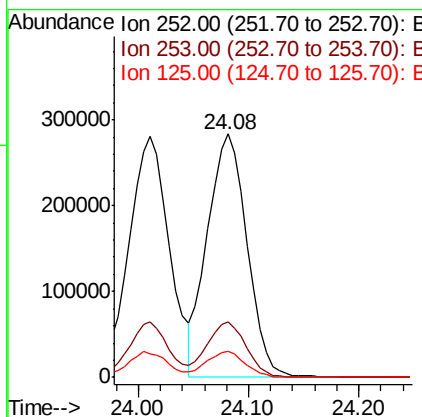
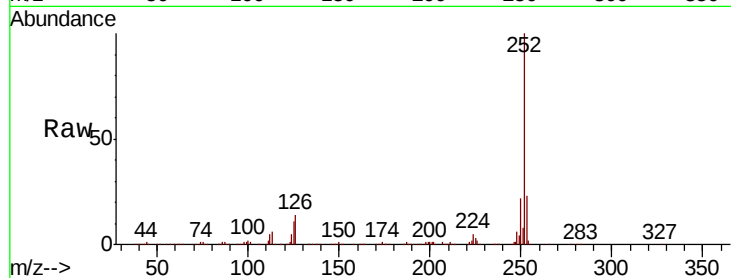




#89
Benzo(k)fluoranthene
Concen: 47.056 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

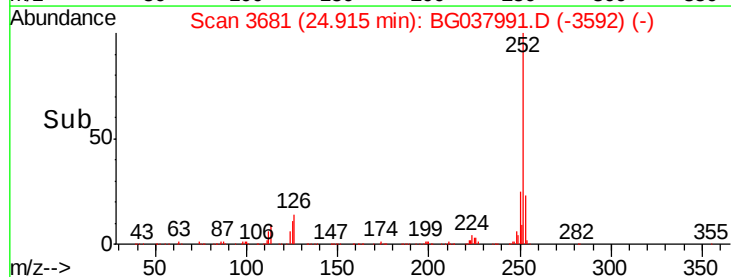
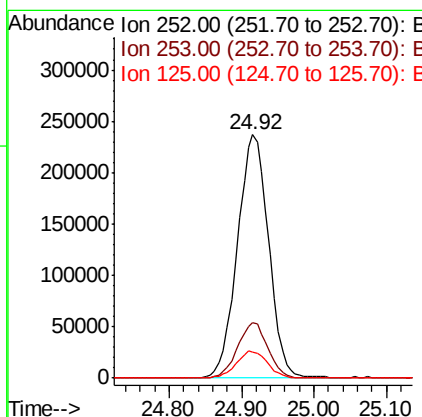
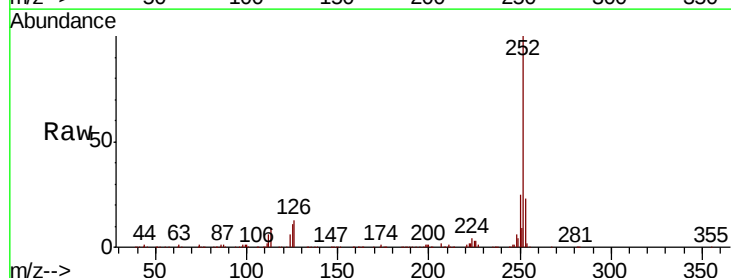
Instrument :
BNA_G
ClientSampleId :
PB114712BS

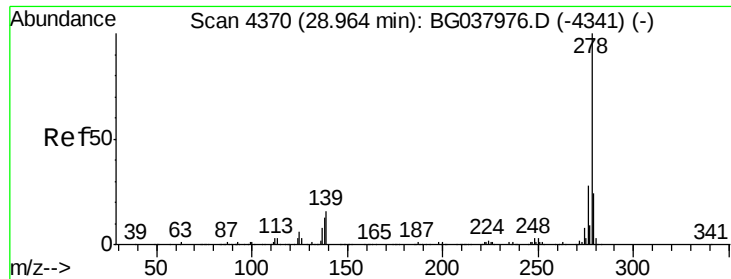
Tgt Ion:252 Resp: 701567
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.987 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion:252 Resp: 707355
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 10.5 9.0 13.6

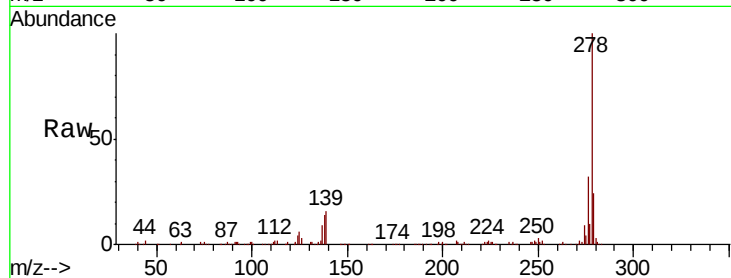




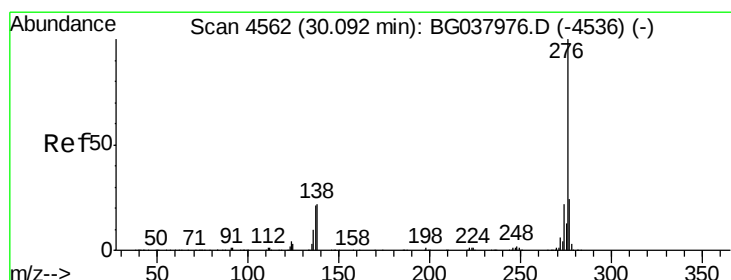
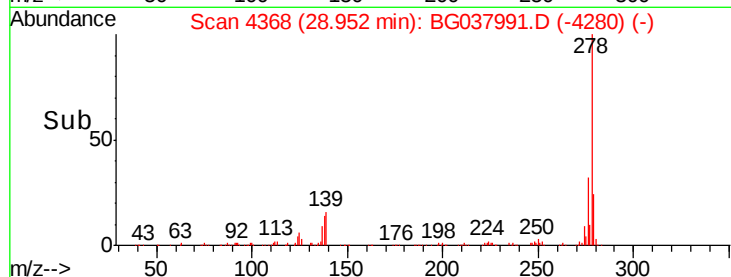
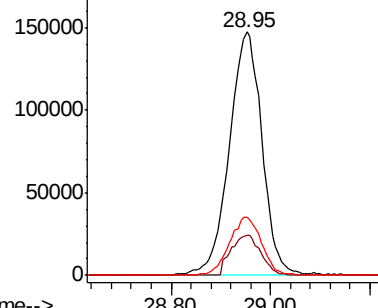
#91
Dibenzo(a,h)anthracene
Concen: 48.408 ng
RT: 28.95 min Scan# 4368
Delta R.T. -0.01 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Instrument :
BNA_G
ClientSampleId :
PB114712BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.5	17.3
279	23.7	18.6	27.8

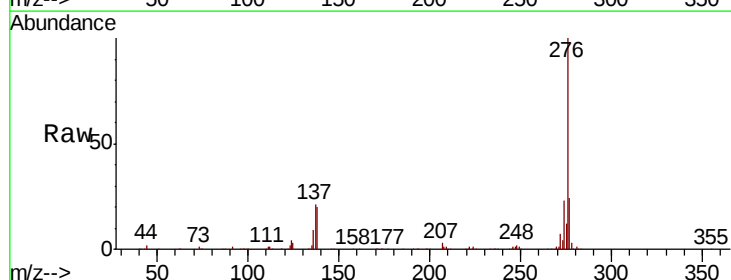


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.860 ng
RT: 30.09 min Scan# 4562
Delta R.T. -0.00 min
Lab File: BG037991.D
Acq: 13 Nov 2018 23:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	20.5	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

