

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037557.D
 Acq On : 25 Oct 2018 22:53
 Operator : JU/SJ
 Sample : J5603-19MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:07:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	68637	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	321481	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	210891	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	474768	20.00	ng	0.00
76) Chrysene-d12	21.77	240	405881	20.00	ng	0.00
87) Perylene-d12	25.10	264	422595	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	254002	61.87	ng	0.00
7) Phenol-d6	7.25	99	245454	39.54	ng	0.00
23) Nitrobenzene-d5	9.28	82	442890	77.17	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	265795	115.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1002183	71.66	ng	0.00
79) Terphenyl-d14	20.08	244	1410085	74.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	27555	13.235	ng	99
3) Pyridine	3.93	79	65279	12.440	ng	93
4) n-Nitrosodimethylamine	3.85	42	39817	21.303	ng	# 96
6) Aniline	7.42	93	149424	19.730	ng	98
8) 2-Chlorophenol	7.67	128	187047	38.946	ng	100
9) Benzaldehyde	7.24	77	120559	31.045	ng	97
10) Phenol	7.27	94	115465	17.628	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	208068	41.825	ng	96
12) 1,3-Dichlorobenzene	7.99	146	191293	35.777	ng	98
13) 1,4-Dichlorobenzene	8.14	146	195520	35.749	ng	99
14) 1,2-Dichlorobenzene	8.46	146	188247	35.781	ng	98
15) Benzyl Alcohol	8.34	79	135317	29.500	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	384760	43.225	ng	98
17) 2-Methylphenol	8.53	107	148819	34.367	ng	99
18) Hexachloroethane	9.19	117	68145	36.547	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	183802	42.996	ng	96
20) 3+4-Methylphenols	8.86	107	186526	30.127	ng	96
22) Acetophenone	8.93	105	336439	41.728	ng	# 98
24) Nitrobenzene	9.33	77	258627	43.381	ng	94
25) Isophorone	9.84	82	525334	50.100	ng	96
26) 2-Nitrophenol	10.03	139	125931	46.889	ng	98
27) 2,4-Dimethylphenol	10.07	122	217404	45.337	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	311979	45.412	ng	97
29) 2,4-Dichlorophenol	10.56	162	233708	43.773	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	219571	37.817	ng	99
31) Naphthalene	10.98	128	677707	42.919	ng	100
32) Benzoic acid	10.17	122	50647	16.261	ng	96
33) 4-Chloroaniline	11.08	127	117058	15.778	ng	97
34) Hexachlorobutadiene	11.24	225	122507	35.600	ng	95
35) Caprolactam	11.93	113	4980	2.326	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	247339	41.077	ng	98
37) 2-Methylnaphthalene	12.57	142	532309	46.246	ng	99
38) 1-Methylnaphthalene	12.79	142	510758	45.692	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	273152	40.155	ng	99

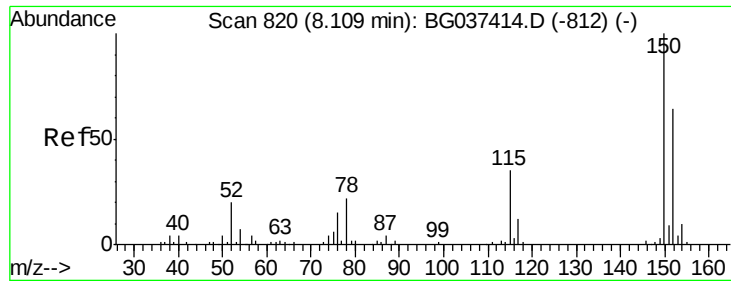
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
 Data File : BG037557.D
 Acq On : 25 Oct 2018 22:53
 Operator : JU/SJ
 Sample : J5603-19MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 08:07:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	285814	87.961	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	209062	46.003	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	222271	44.922	ng	98
46) 1,1'-Biphenyl	13.57	154	698918	40.017	ng	99
47) 2-Chloronaphthalene	13.62	162	553586	41.896	ng	99
48) 2-Nitroaniline	13.83	65	192463	48.032	ng	96
49) Acenaphthylene	14.46	152	917538	46.162	ng	99
50) Dimethylphthalate	14.19	163	757057	46.403	ng	100
51) 2,6-Dinitrotoluene	14.32	165	170053	47.117	ng	98
52) Acenaphthene	14.80	154	542964	44.355	ng	99
53) 3-Nitroaniline	14.65	138	92610	23.114	ng	# 96
54) 2,4-Dinitrophenol	14.85	184	174565	96.209	ng	93
55) Dibenzofuran	15.14	168	860589	42.432	ng	97
56) 4-Nitrophenol	14.94	139	149809	50.513	ng	97
57) 2,4-Dinitrotoluene	15.10	165	232859	49.151	ng	96
58) Fluorene	15.79	166	699510	46.057	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	197945	46.724	ng	99
60) Diethylphthalate	15.54	149	740956	44.237	ng	98
61) 4-Chlorophenyl-phenylether	15.77	204	371446	41.959	ng	97
62) 4-Nitroaniline	15.81	138	167113	41.974	ng	93
63) Azobenzene	16.07	77	708128	44.310	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	124703	49.690	ng	98
66) n-Nitrosodiphenylamine	15.99	169	634007	44.395	ng	100
67) 4-Bromophenyl-phenylether	16.67	248	231534	44.409	ng	96
68) Hexachlorobenzene	16.78	284	233006	43.121	ng	97
69) Atrazine	16.93	200	231450	44.825	ng	98
70) Pentachlorophenol	17.12	266	276783	76.470	ng	97
71) Phenanthrene	17.53	178	1104835	45.788	ng	98
72) Anthracene	17.62	178	1115715	47.117	ng	96
73) Carbazole	17.89	167	1015999	42.894	ng	99
74) Di-n-butylphthalate	18.42	149	1197484	45.447	ng	99
75) Fluoranthene	19.53	202	1251358	45.725	ng	98
77) Benzidine	19.72	184	296873	21.511	ng	100
78) Pyrene	19.89	202	1241659	46.797	ng	98
80) Butylbenzylphthalate	20.76	149	549662	50.618	ng	99
81) Benzo(a)anthracene	21.75	228	1161643	48.387	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	253527	27.245	ng	99
83) Chrysene	21.82	228	1078687	46.727	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	770215	50.602	ng	97
85) Di-n-octyl phthalate	22.87	149	1288995	51.933	ng	99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1259894	50.884	ng	99
88) Benzo(b)fluoranthene	24.03	252	1142726	49.323	ng	98
89) Benzo(k)fluoranthene	24.11	252	1122798	49.465	ng	97
90) Benzo(a)pyrene	24.95	252	1110120	50.425	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	1027693	50.607	ng	96
92) Benzo(g,h,i)perylene	30.14	276	1049382	51.077	ng	99

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

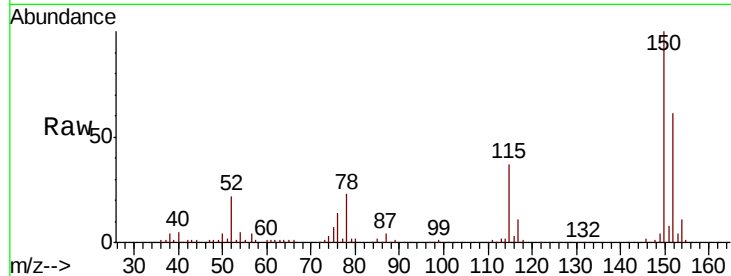


#1

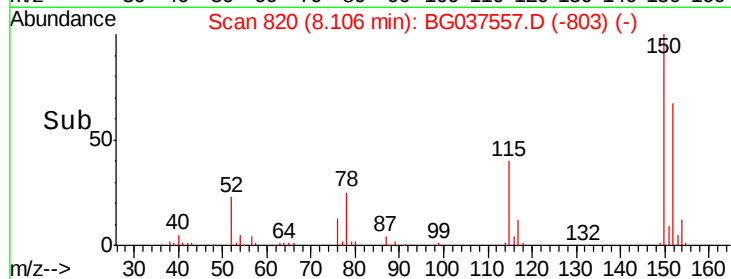
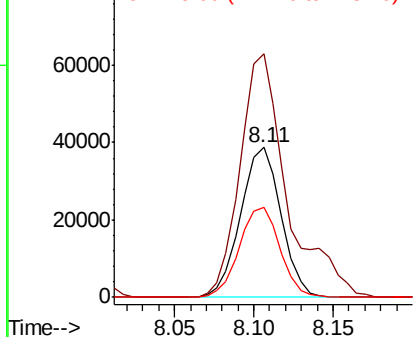
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.0	189.0
115	59.8	45.5	68.3



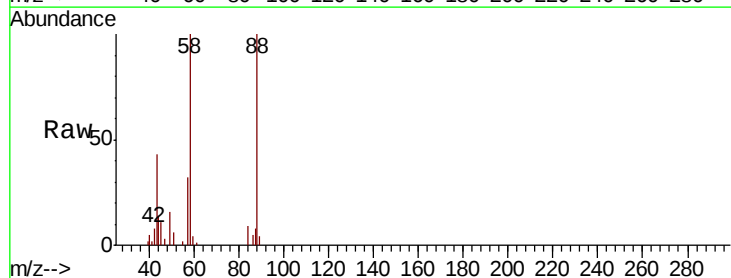
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



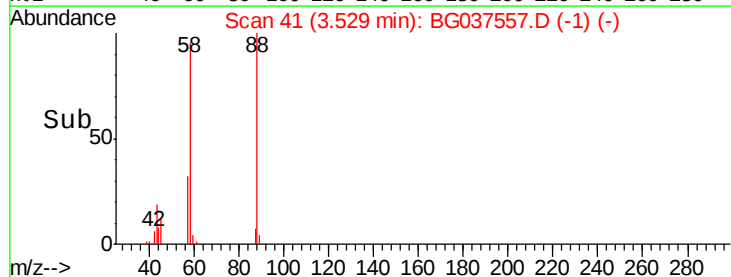
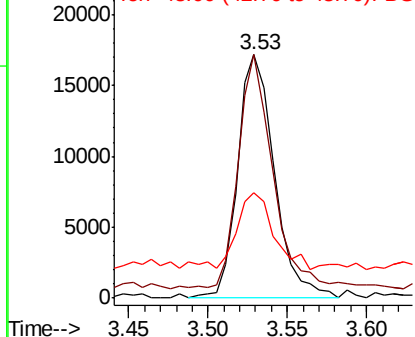
#2

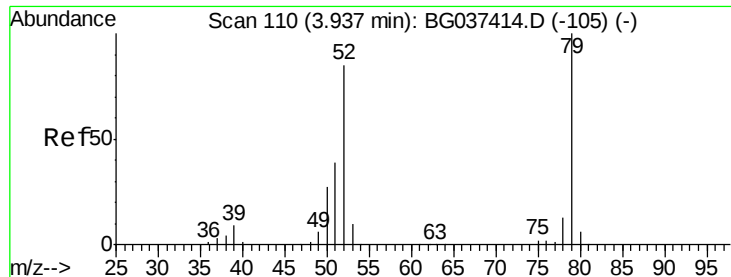
1,4-Dioxane
Concen: 13.235 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.1	74.4	111.6
43	30.4	25.8	38.8



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





#3

Pvridine

Concen: 12.440 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

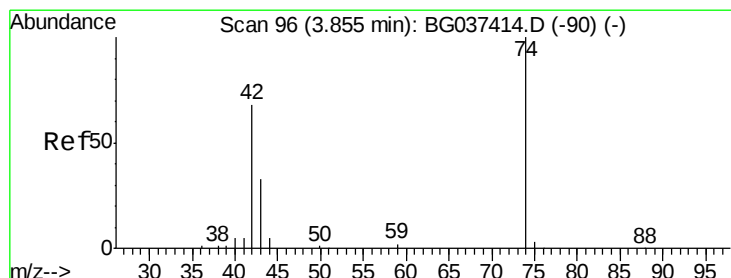
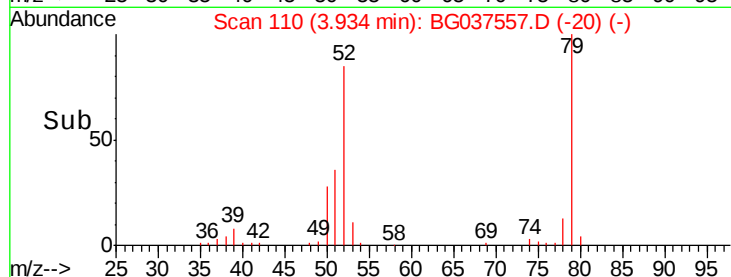
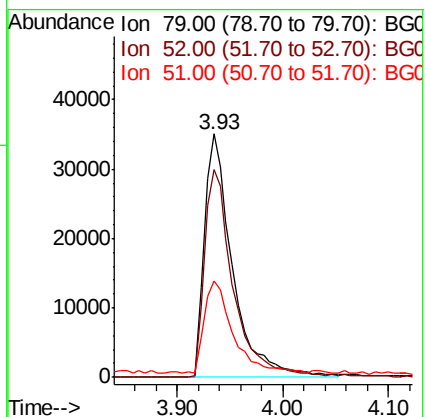
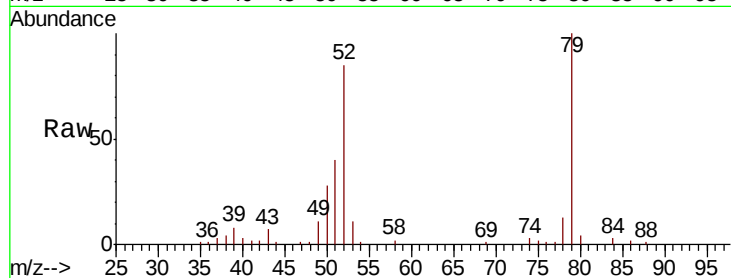
Tot Ion: 79 Resp: 65279

Ion Ratio Lower Upper

79 100

52 85.2 74.2 111.2

51 39.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 21.303 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

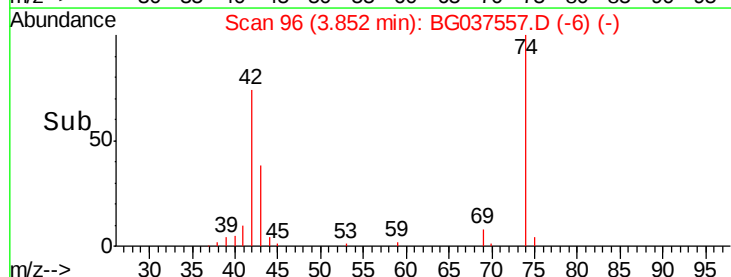
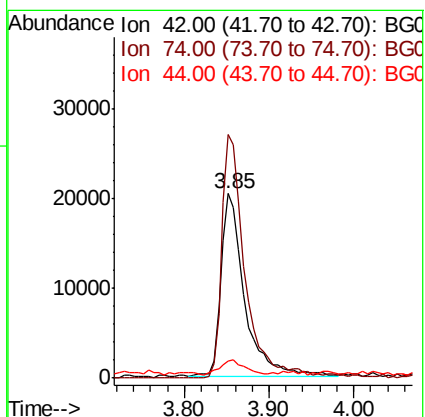
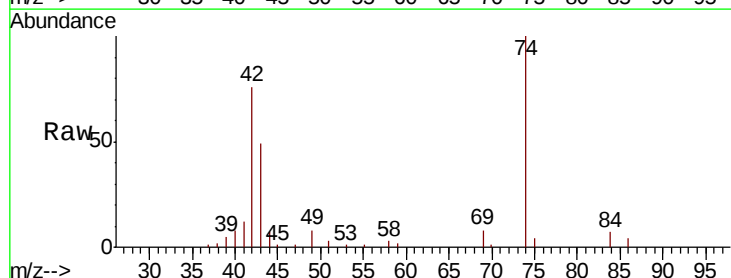
Tgt Ion: 42 Resp: 39817

Ion Ratio Lower Upper

42 100

74 132.0 102.0 153.0

44 9.2 9.6 14.4#





#5

2-Fluorophenol

Concen: 61.870 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampled :

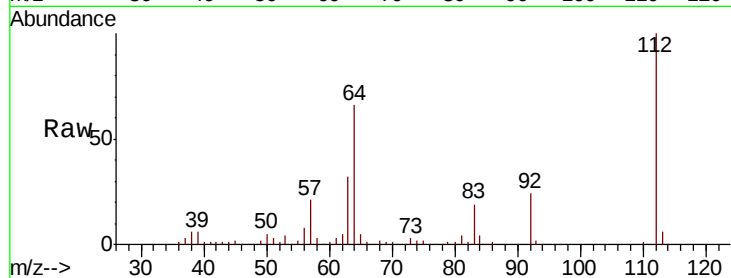
Tot Ion:112 Resp: 254002

Ion Ratio Lower Upper

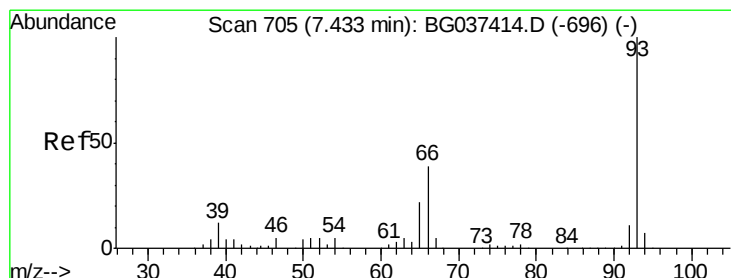
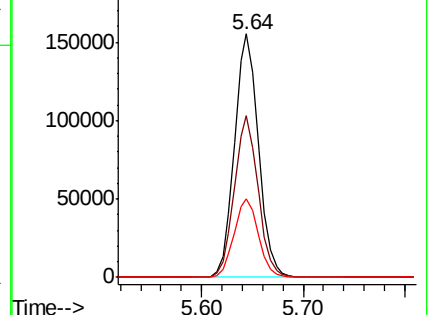
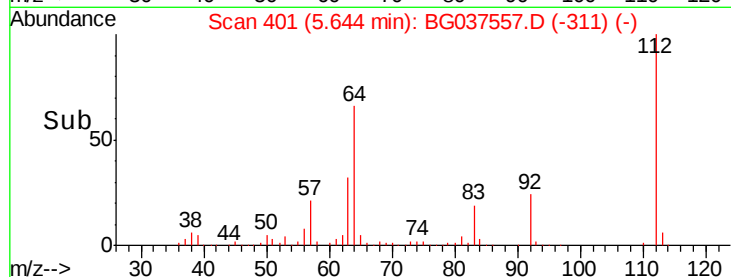
112 100

64 66.4 53.1 79.7

63 32.1 27.3 40.9



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



#6

Aniline

Concen: 19.730 ng

RT: 7.42 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

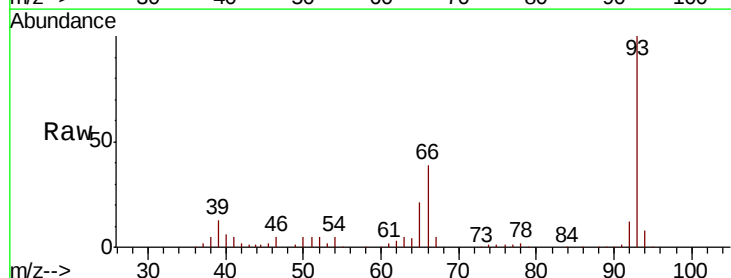
Tgt Ion: 93 Resp: 149424

Ion Ratio Lower Upper

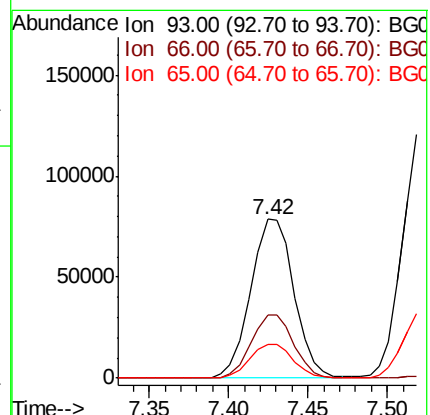
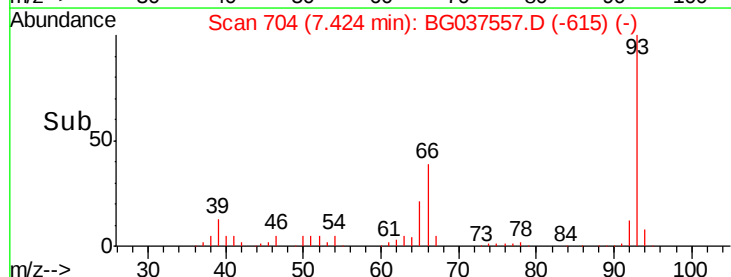
93 100

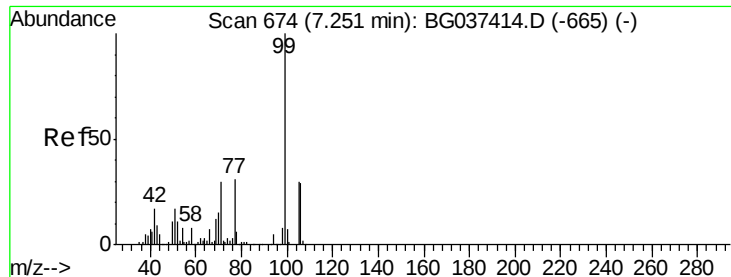
66 39.3 32.8 49.2

65 21.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 39.539 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

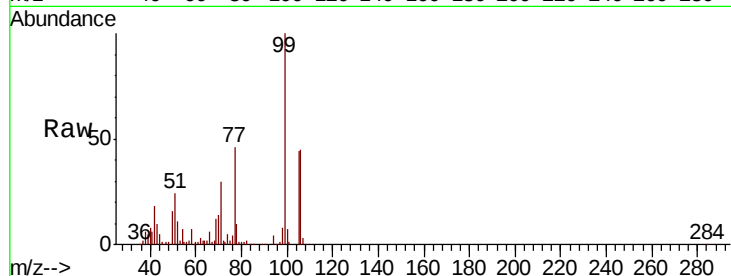
Tot Ion: 99 Resp: 245454

Ion Ratio Lower Upper

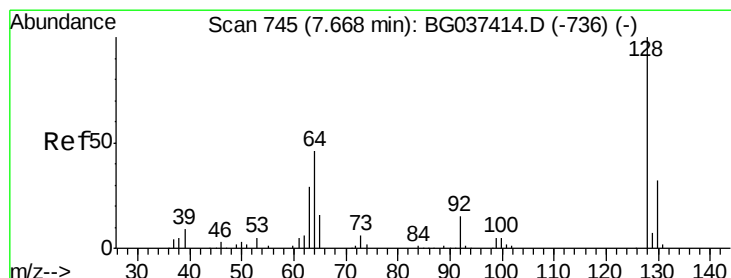
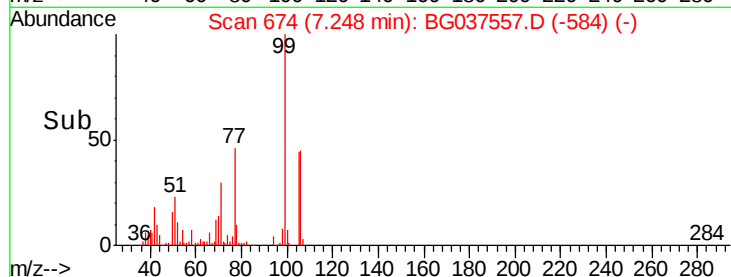
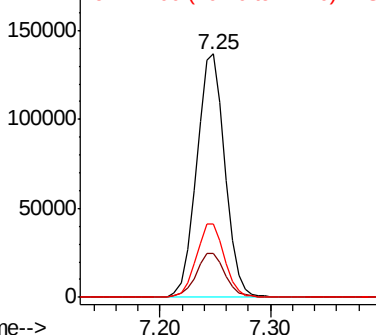
99 100

42 17.8 15.0 22.4

71 30.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 38.946 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

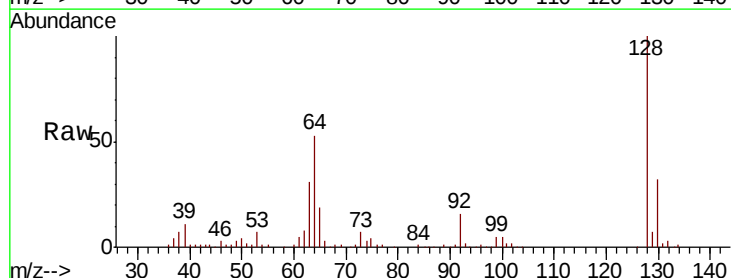
Tgt Ion: 128 Resp: 187047

Ion Ratio Lower Upper

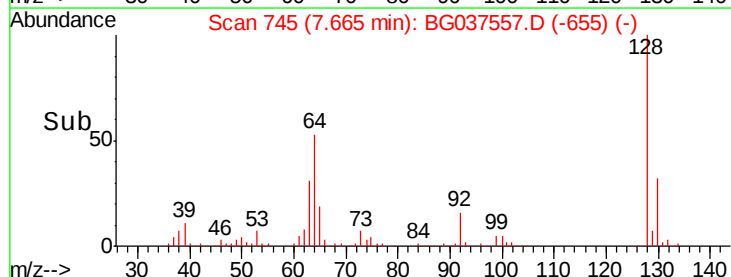
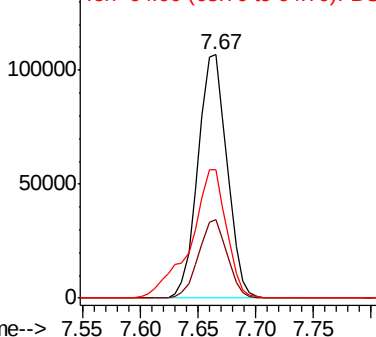
128 100

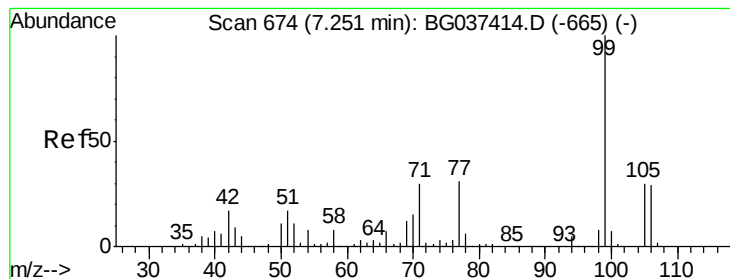
130 32.1 12.0 52.0

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: 31.045 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampled :

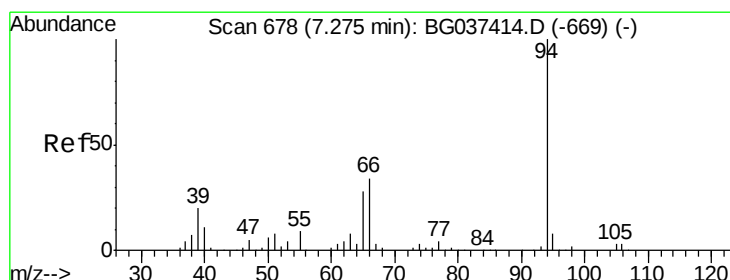
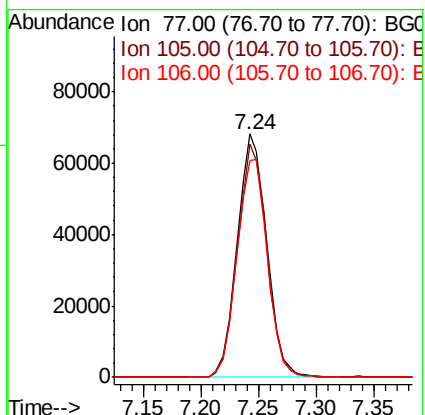
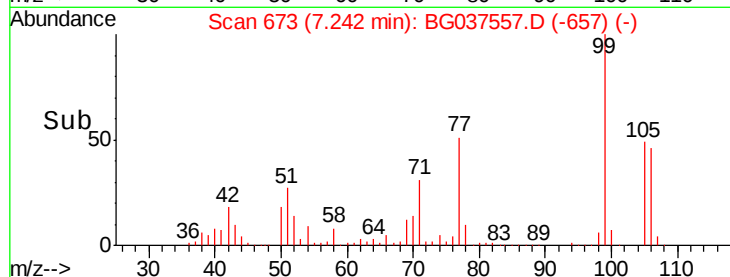
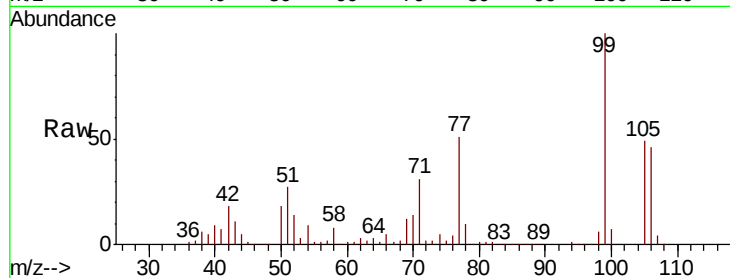
Tot Ion: 77 Resp: 120559

Ion Ratio Lower Upper

77 100

105 95.9 72.6 112.6

106 89.2 71.3 111.3



#10

Phenol

Concen: 17.628 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

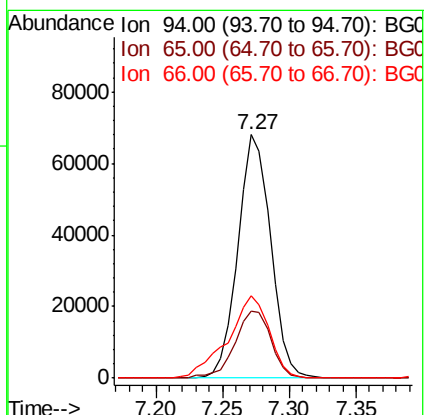
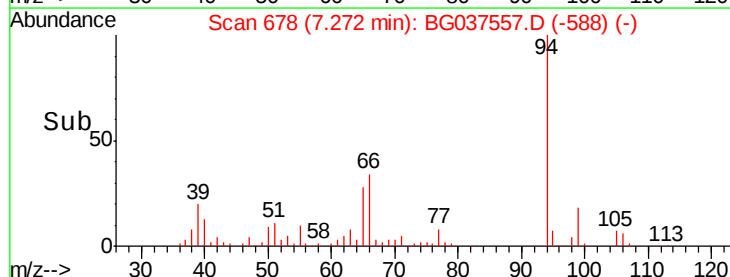
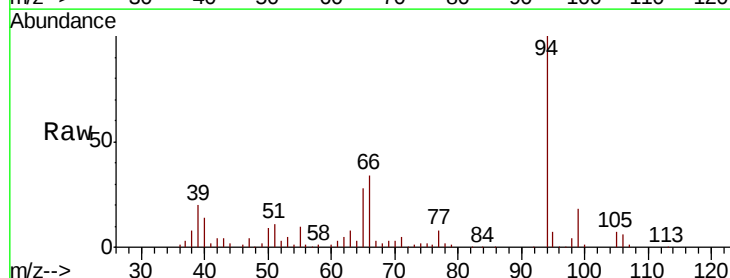
Tgt Ion: 94 Resp: 115465

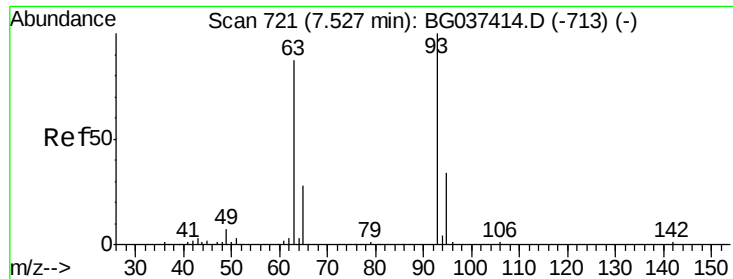
Ion Ratio Lower Upper

94 100

65 27.7 9.7 49.7

66 33.9 15.9 55.9

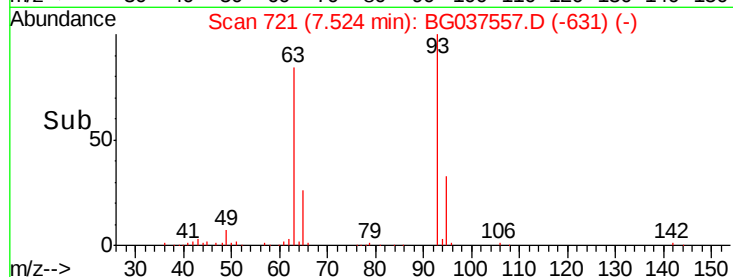
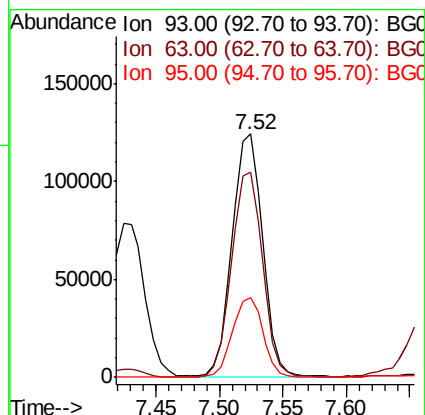
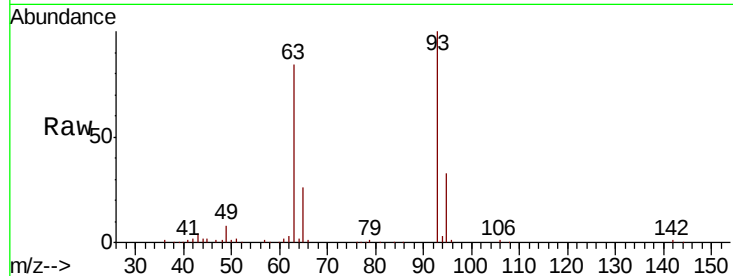




#11
bis(2-Chloroethyl)ether
Concen: 41.825 ng
RT: 7.52 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

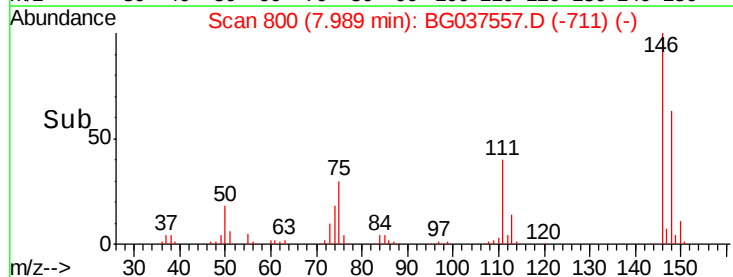
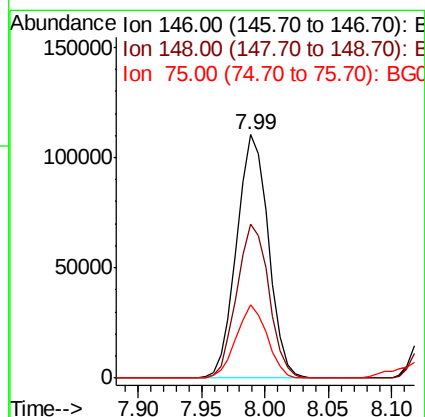
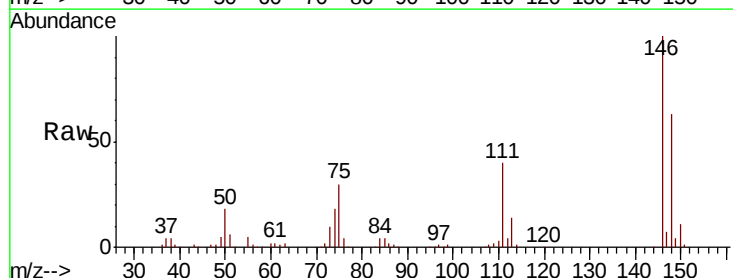
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 208068
Ion Ratio Lower Upper
93 100
63 84.1 69.5 109.5
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 35.777 ng
RT: 7.99 min Scan# 800
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion: 146 Resp: 191293
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.8
75 30.0 23.2 34.8

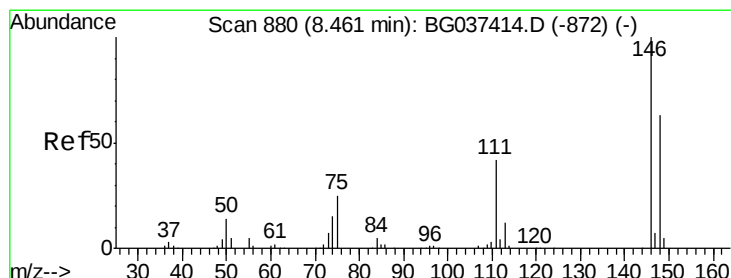
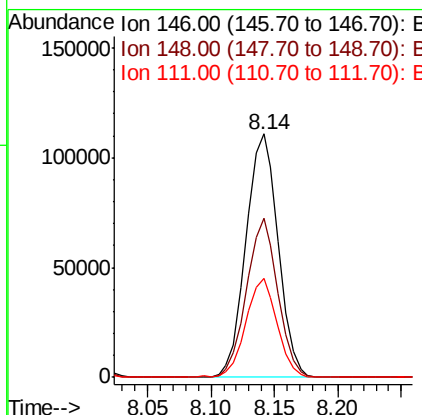
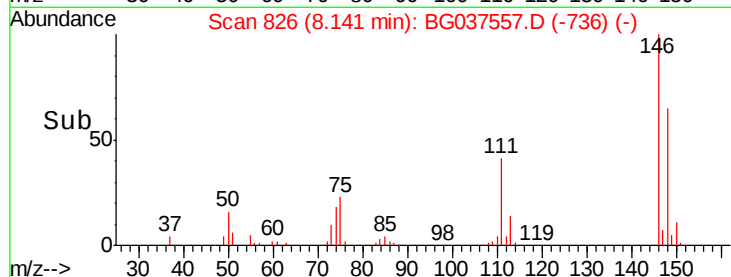
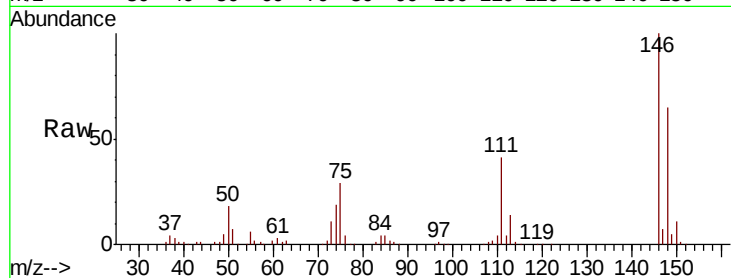




#13
 1,4-Dichlorobenzene
 Concen: 35.749 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

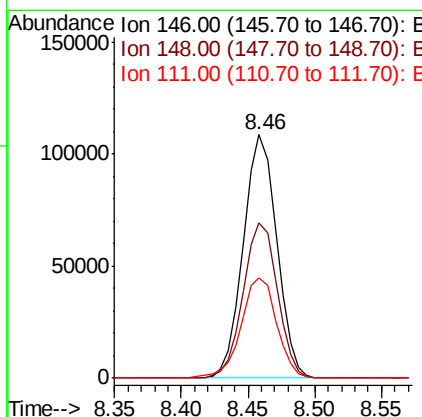
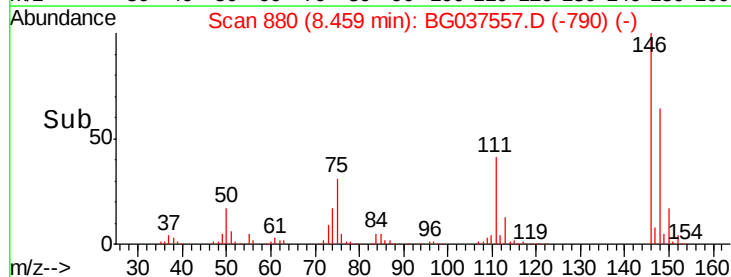
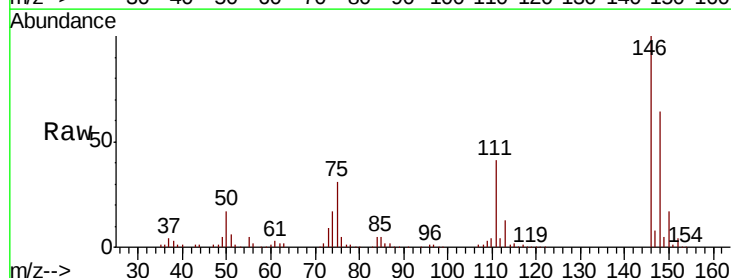
Instrument :
 BNA_G
 ClientSampled :

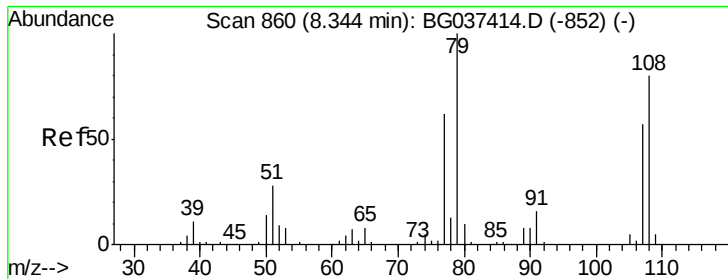
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	40.6	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 35.781 ng
 RT: 8.46 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	41.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 29.500 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampled :

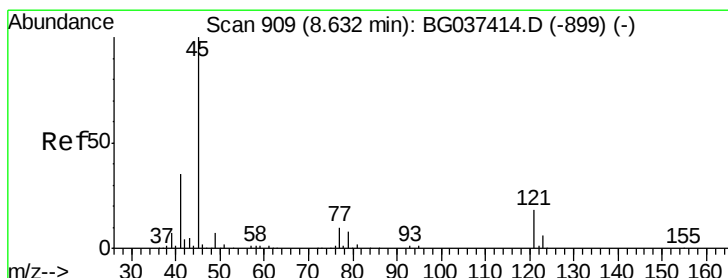
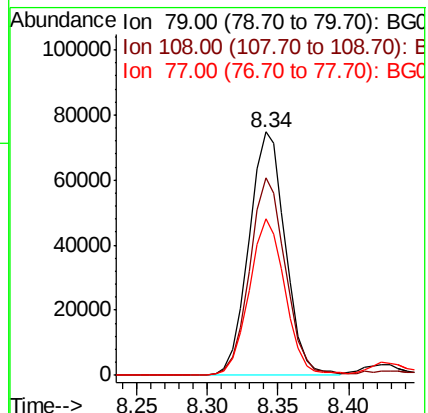
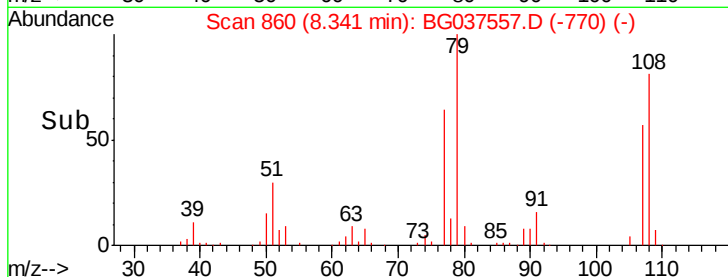
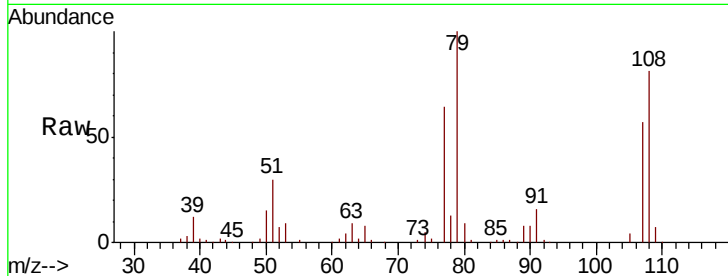
Tot Ion: 79 Resp: 135317

Ion Ratio Lower Upper

79 100

108 80.9 65.8 98.8

77 64.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.225 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

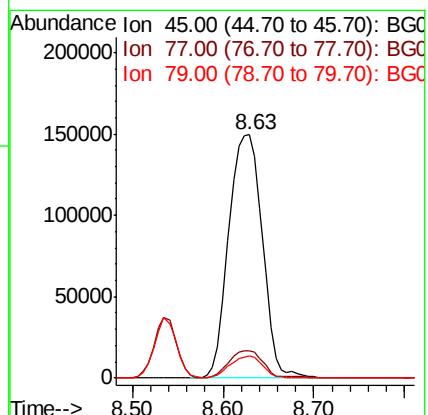
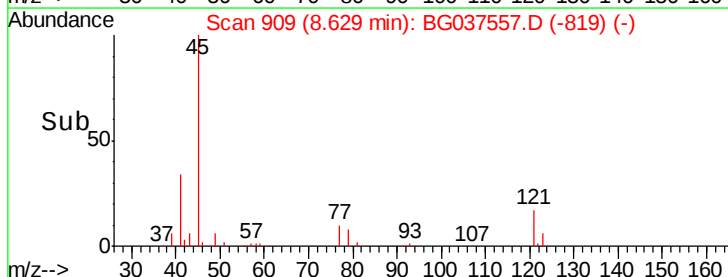
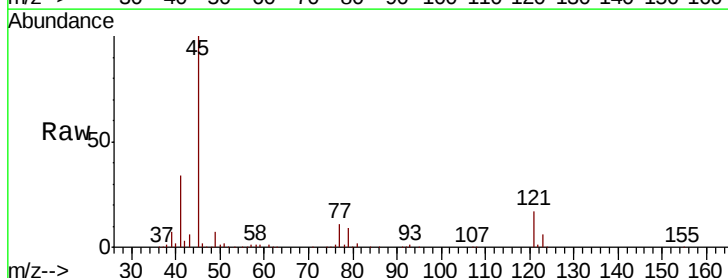
Tgt Ion: 45 Resp: 384760

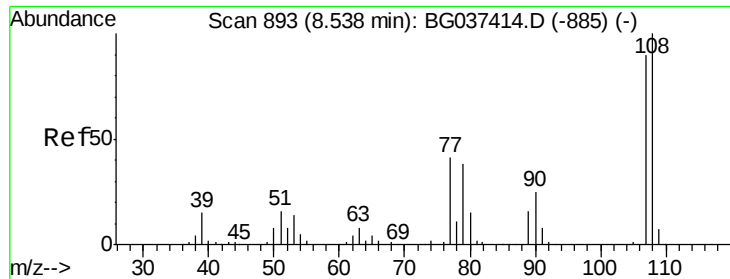
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.0

79 9.0 0.0 29.0

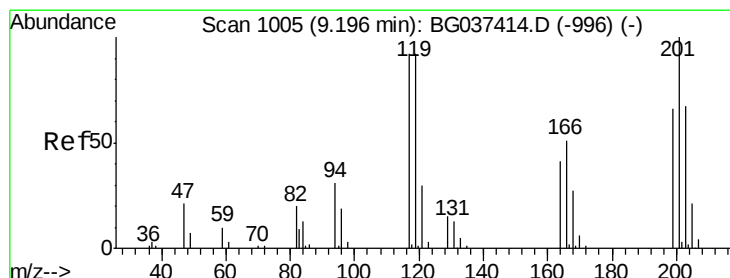
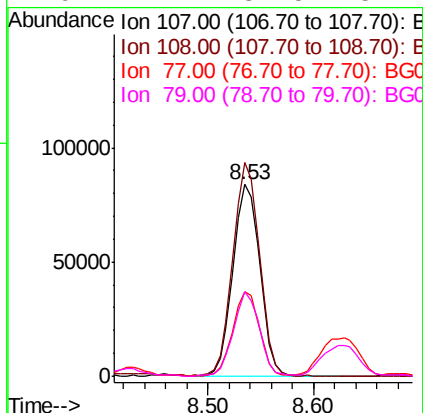
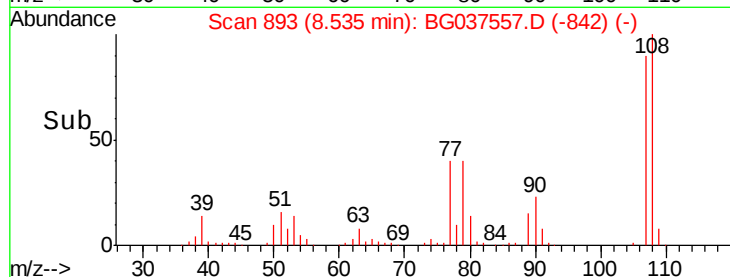
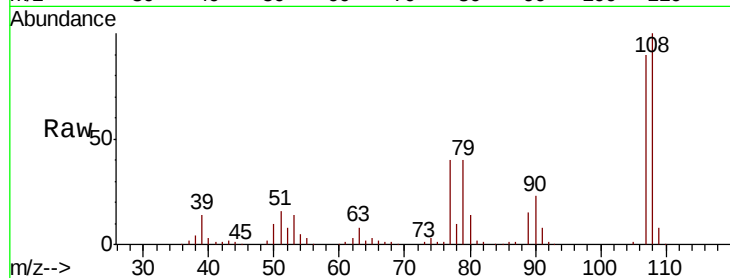




#17
2-Methylphenol
Concen: 34.367 ng
RT: 8.53 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

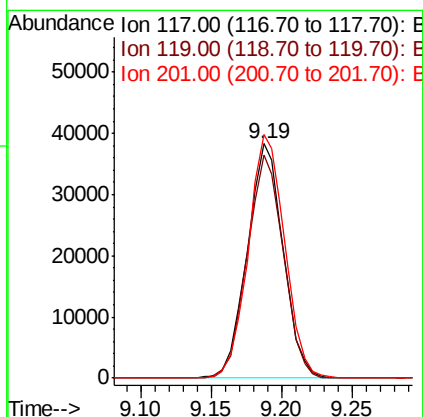
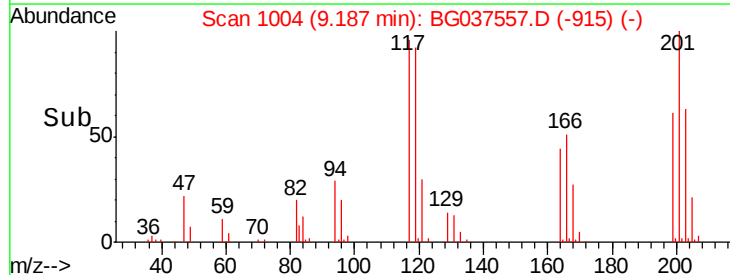
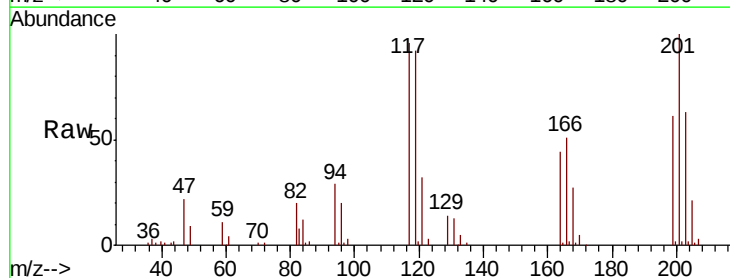
Instrument :
BNA_G
ClientSampled :

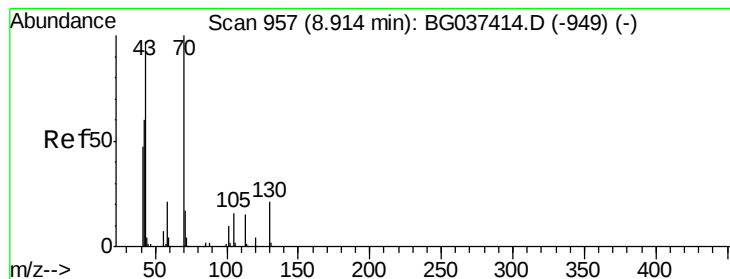
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.9	131.9
77	44.2	35.1	52.7
79	44.1	34.5	51.7



#18
Hexachloroethane
Concen: 36.547 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.6	111.8
201	106.3	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.996 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 183802

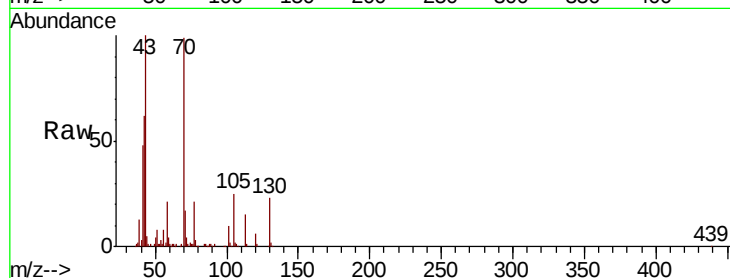
Ion Ratio Lower Upper

70 100

42 62.5 53.9 80.9

101 9.8 8.2 12.2

130 23.2 18.2 27.4

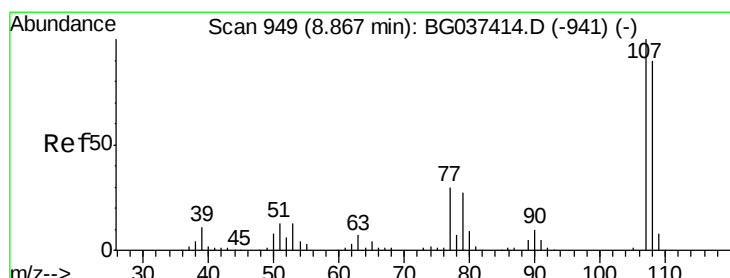
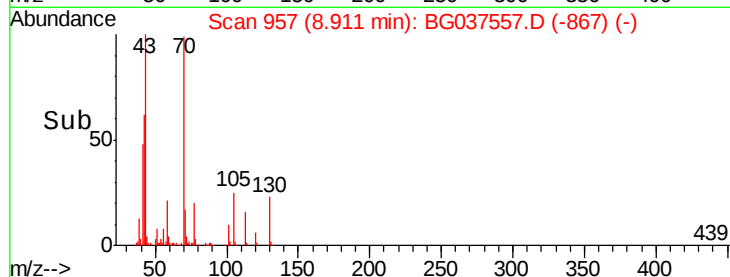
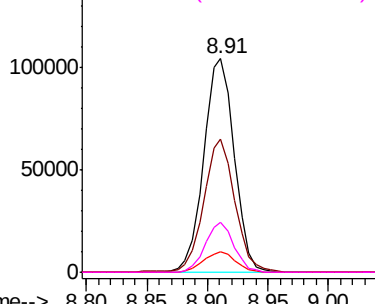


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 30.127 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion: 107 Resp: 186526

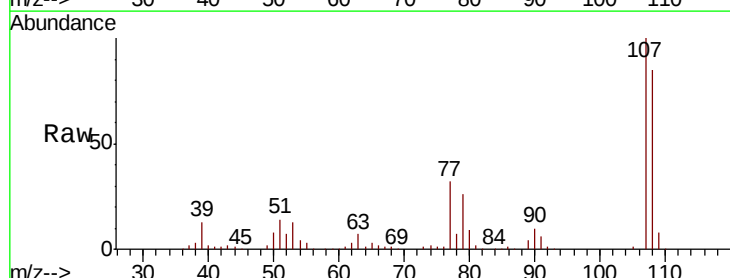
Ion Ratio Lower Upper

107 100

108 85.1 69.9 109.9

77 32.3 11.2 51.2

79 26.3 6.6 46.6

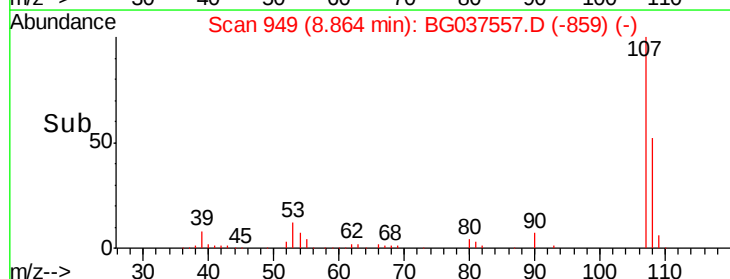
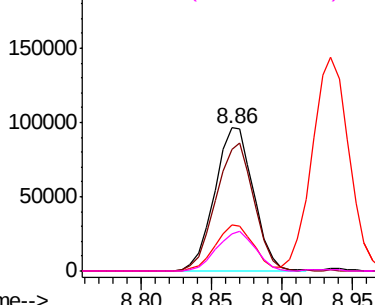


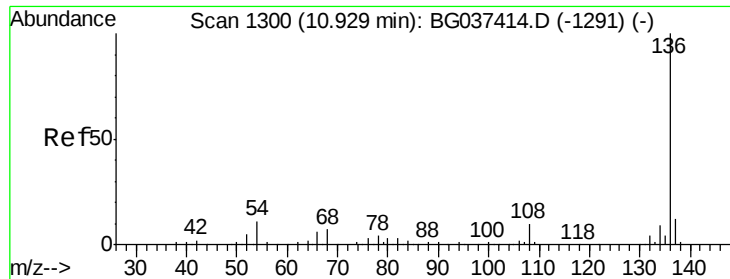
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

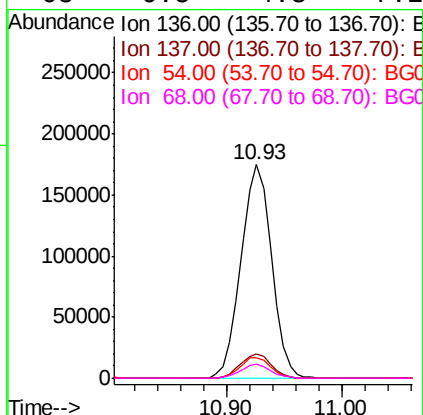
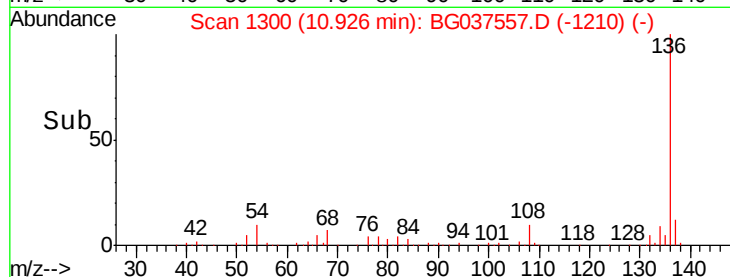
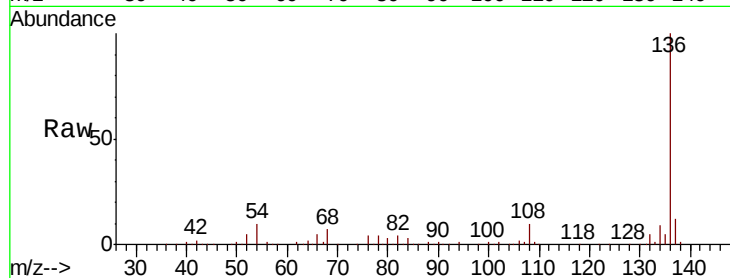




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

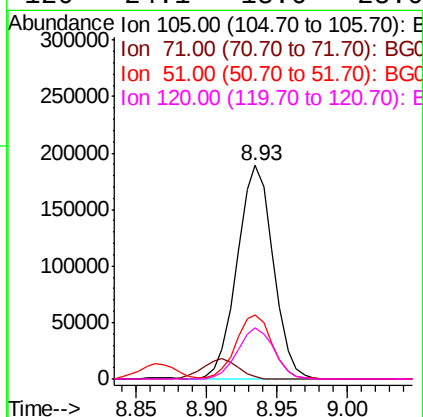
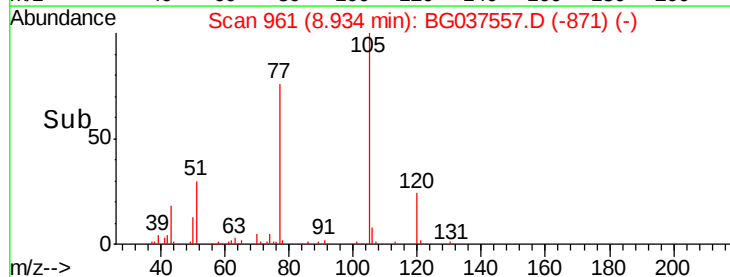
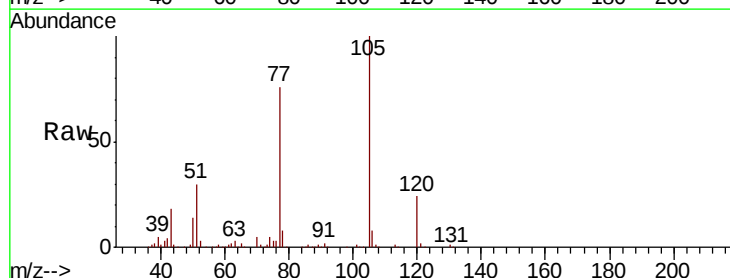
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	321481
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	9.8	7.9 11.9
68	6.5	4.8 7.2



#22
Acetophenone
Concen: 41.728 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:105	Resp:	336439
Ion	Ratio	Lower Upper
105	100	
71	1.1	1.2 1.8#
51	29.9	25.0 37.6
120	24.1	18.6 28.0

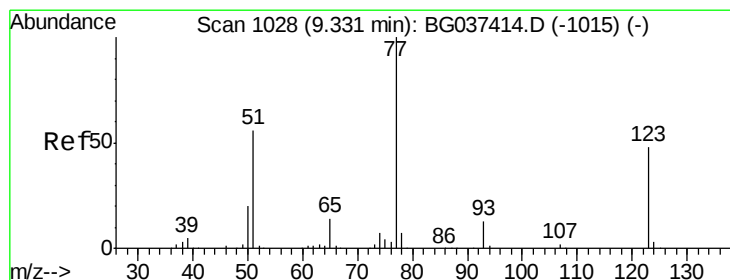
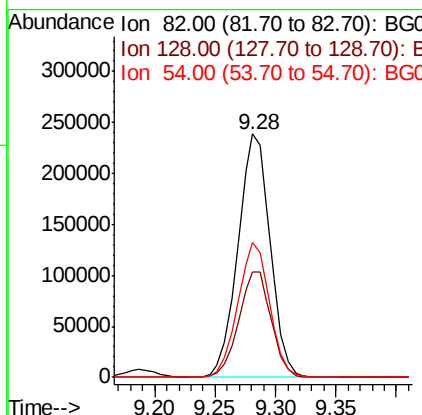
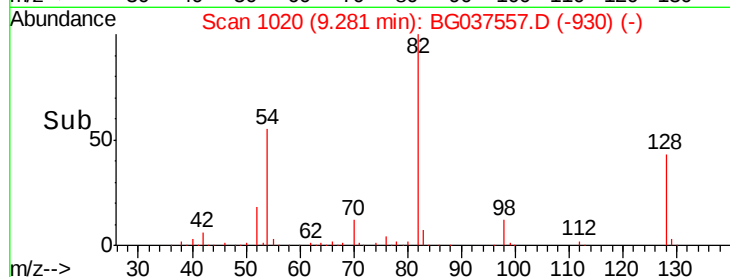
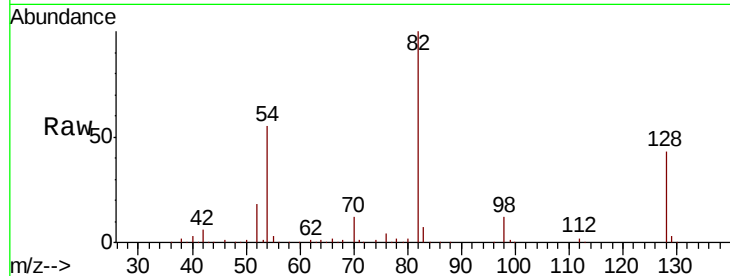




#23
Nitrobenzene-d5
Concen: 77.175 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

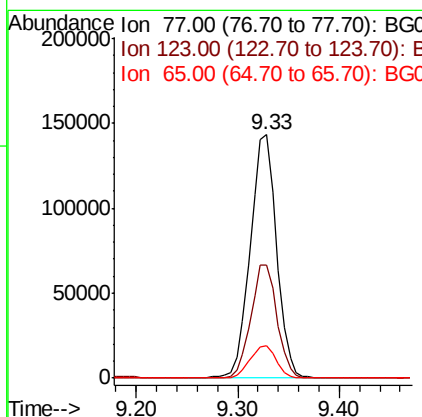
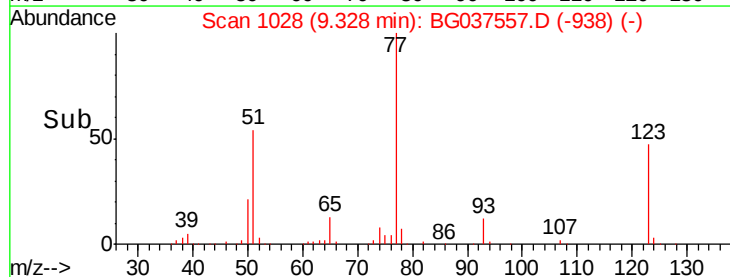
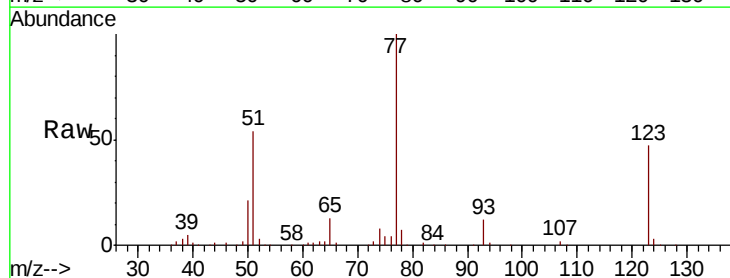
Instrument :
BNA_G
ClientSampleID :

Tot Ion	82	Resp	442890
Ion Ratio	Lower	Upper	
82	100		
128	43.4	34.6	51.8
54	55.1	45.3	67.9



#24
Nitrobenzene
Concen: 43.381 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	77	Resp	258627
Ion Ratio	Lower	Upper	
77	100		
123	46.6	33.6	50.4
65	13.2	11.3	16.9

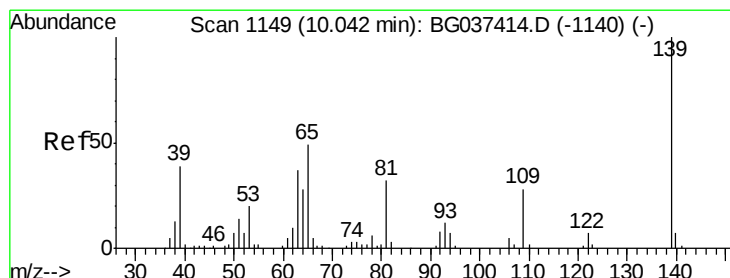
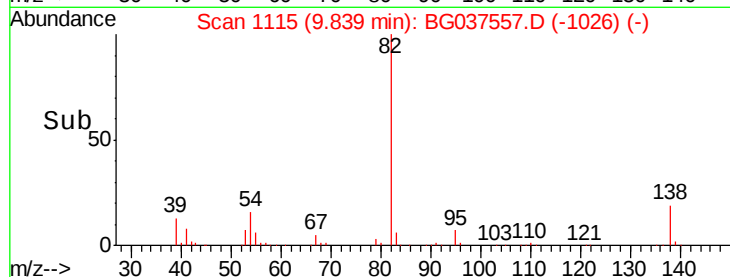
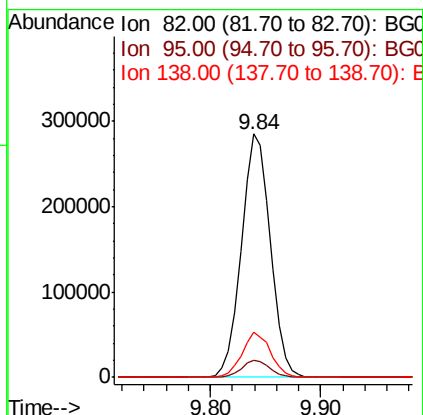
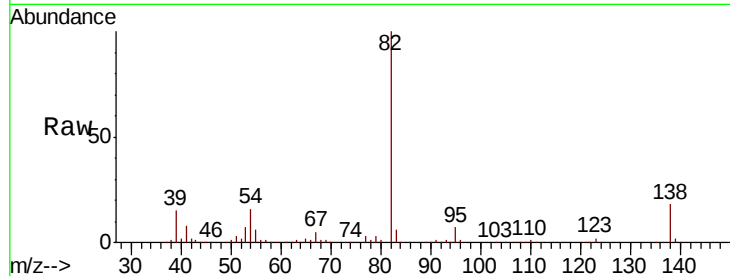




#25
Isophorone
Concen: 50.100 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

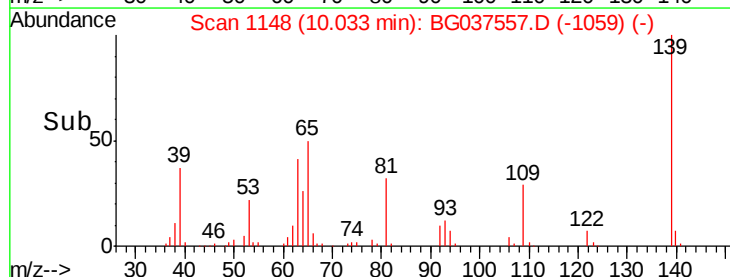
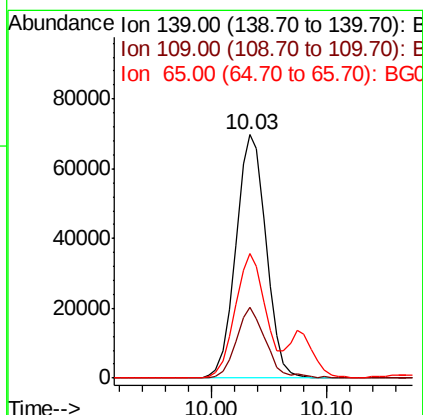
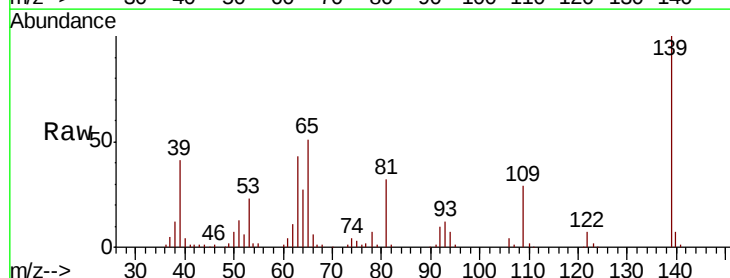
Instrument :
BNA_G
ClientSampleId :

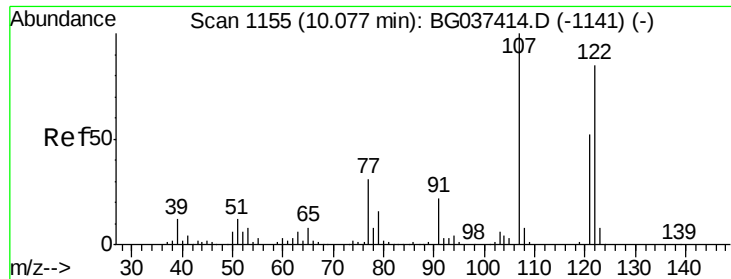
Tot Ion: 82 Resp: 525334
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 18.5 13.3 19.9



#26
2-Nitrophenol
Concen: 46.889 ng
RT: 10.03 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion: 139 Resp: 125931
Ion Ratio Lower Upper
139 100
109 28.9 23.3 34.9
65 51.4 39.8 59.8

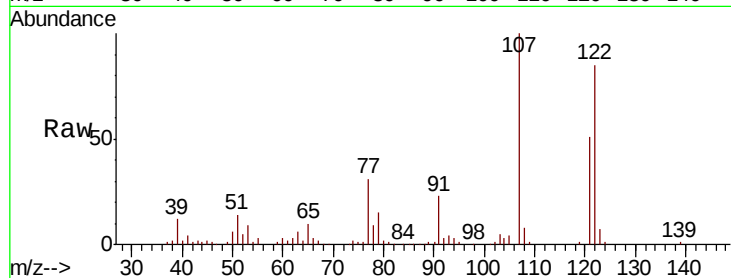




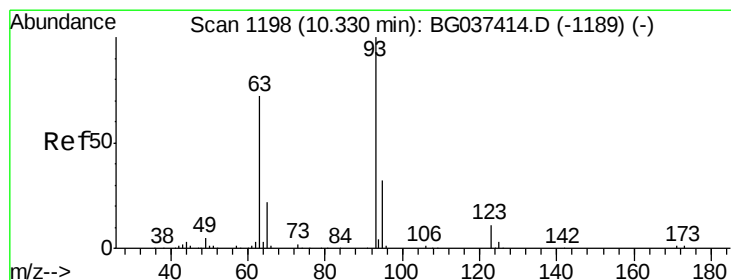
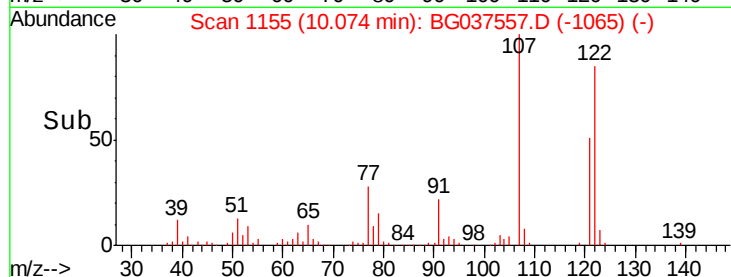
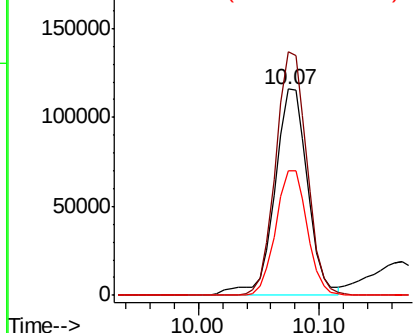
#27
 2,4-Dimethylphenol
 Concen: 45.337 ng
 RT: 10.07 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 217404
 Ion Ratio Lower Upper
 122 100
 107 118.2 94.2 141.2
 121 60.4 47.3 70.9

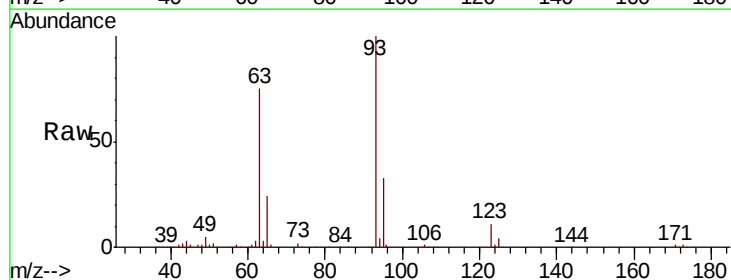


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

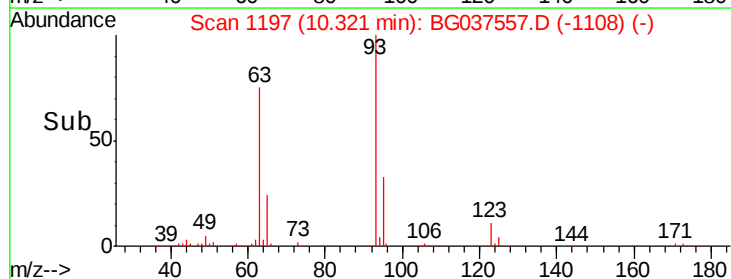
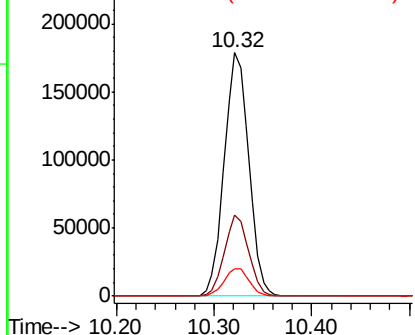


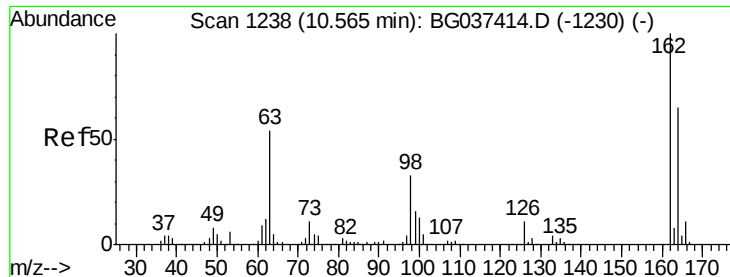
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.412 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion: 93 Resp: 311979
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.6 37.0
 123 11.4 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

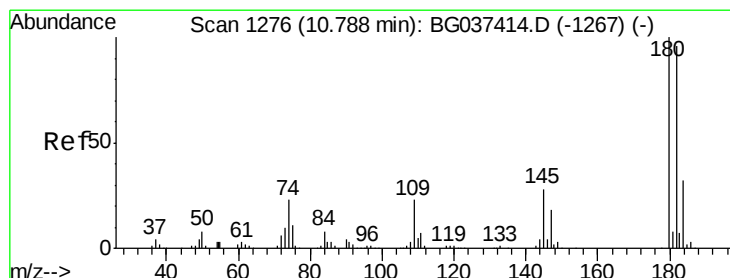
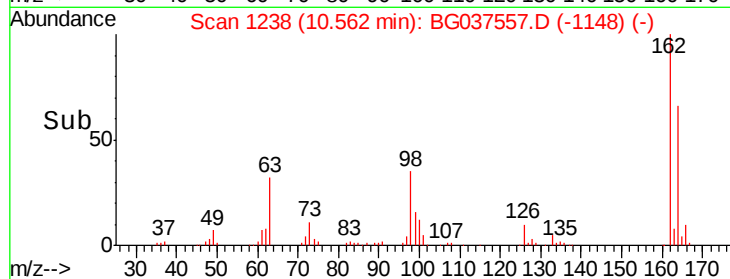
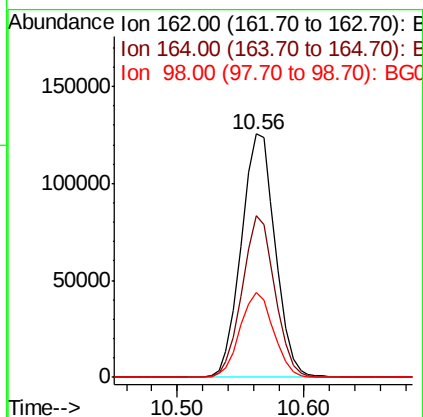
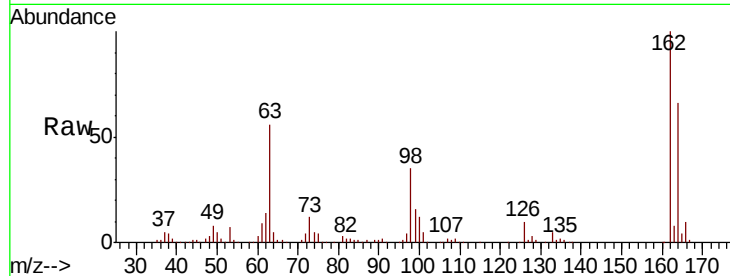




#29
 2,4-Dichlorophenol
 Concen: 43.773 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

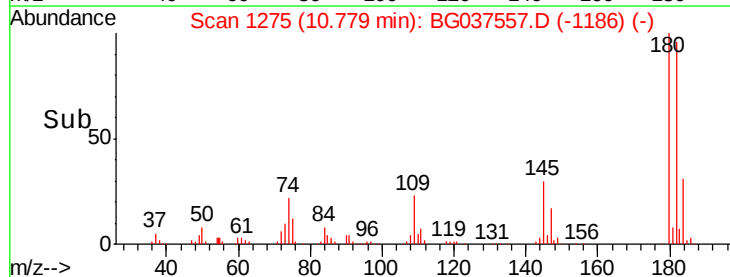
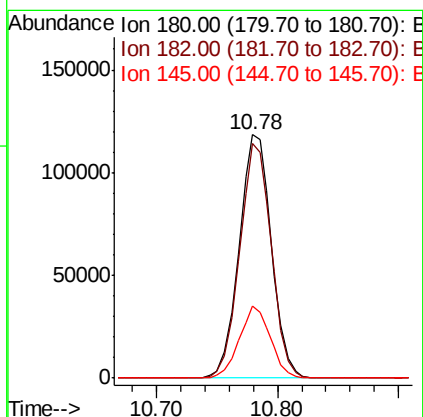
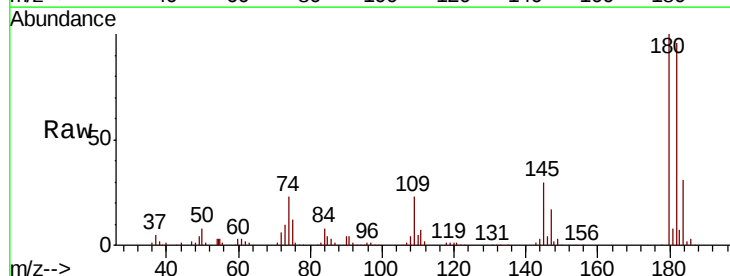
Instrument :
 BNA_G
 ClientSampleId :

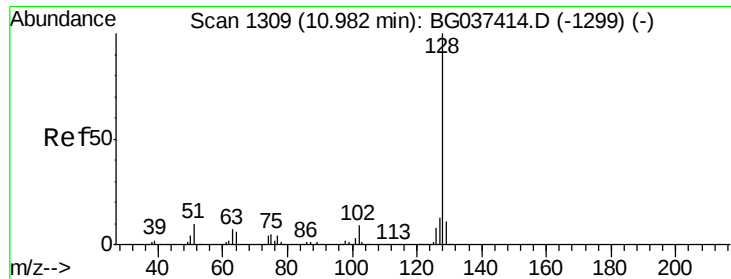
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.2	83.2
98	34.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.817 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.7	116.5
145	29.8	23.3	34.9

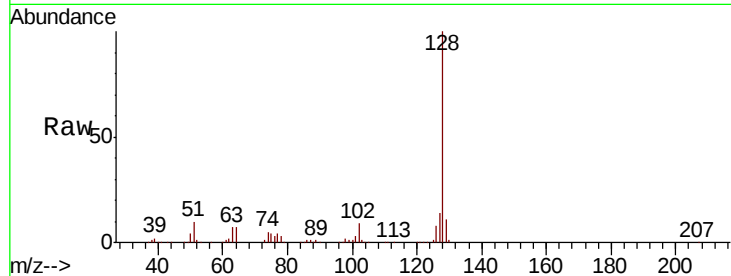




#31
Naphthalene
Concen: 42.919 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	11.1	16.7

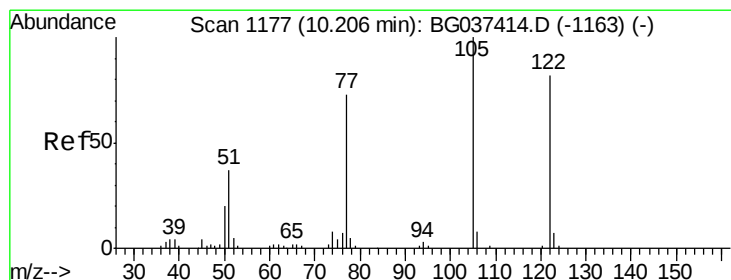
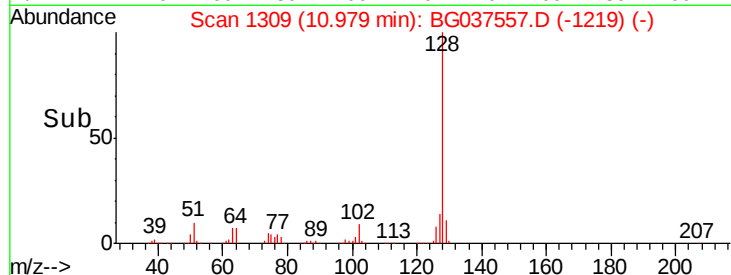
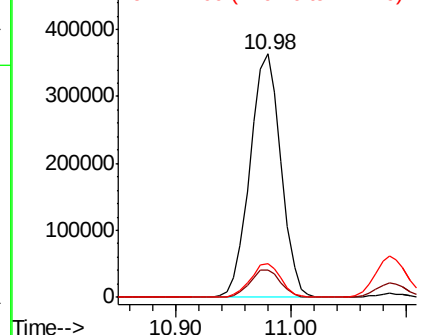


Abundance

Ion 128.00 (127.70 to 128.70): E

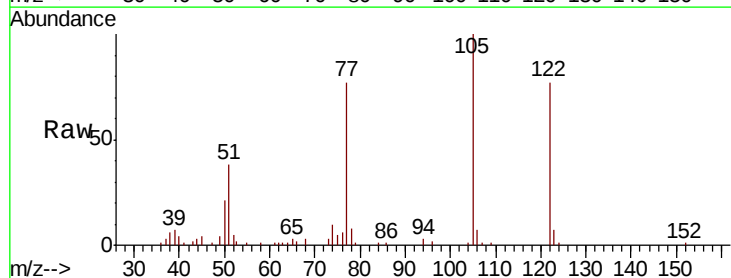
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.261 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.2	106.7	146.7
77	99.3	72.2	112.2

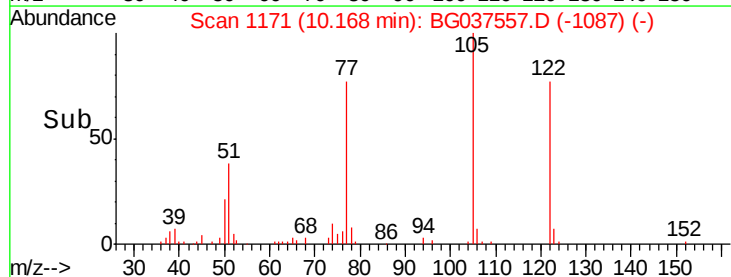
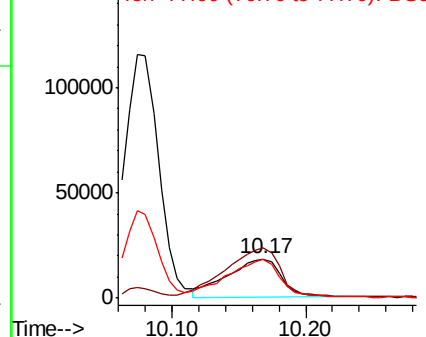


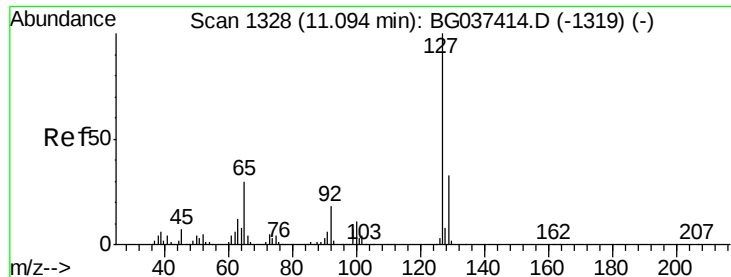
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

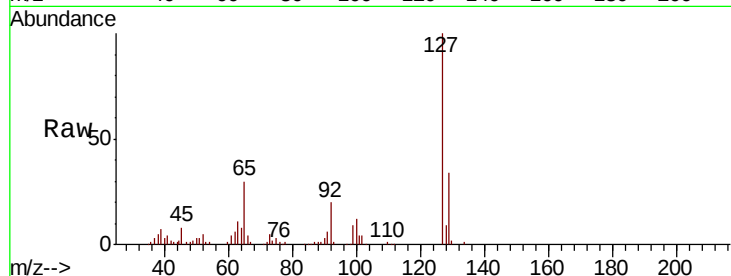




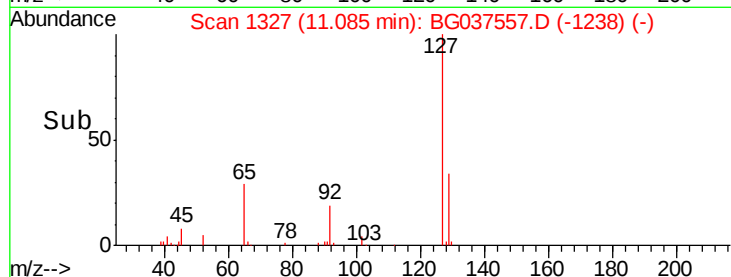
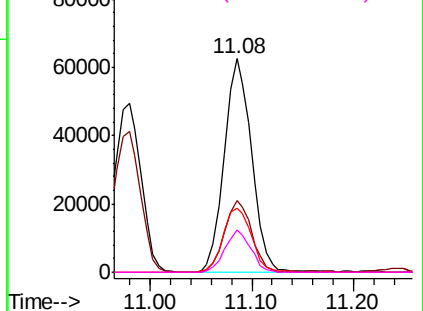
#33
4-Chloroaniline
Concen: 15.778 ng
RT: 11.08 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	117058
Ion	Ratio	Lower Upper
127	100	
129	33.8	27.1 40.7
65	29.8	26.6 39.8
92	19.5	16.4 24.6

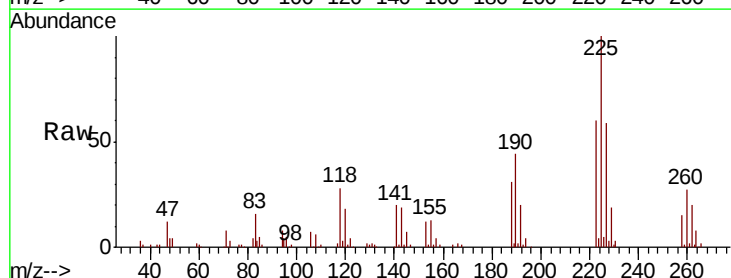


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

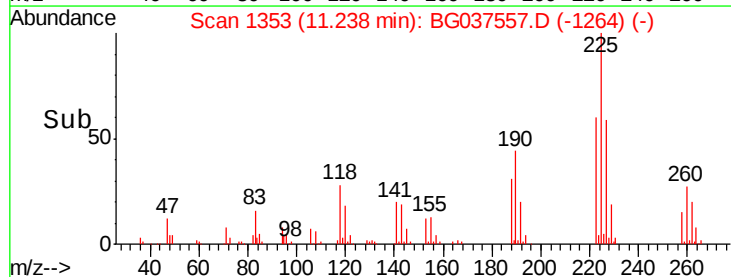
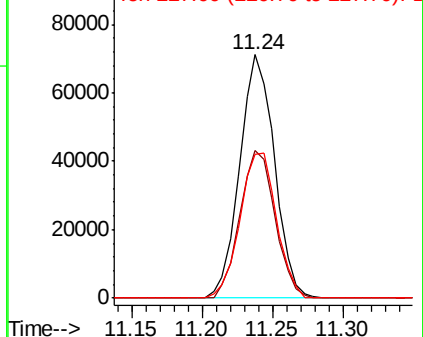


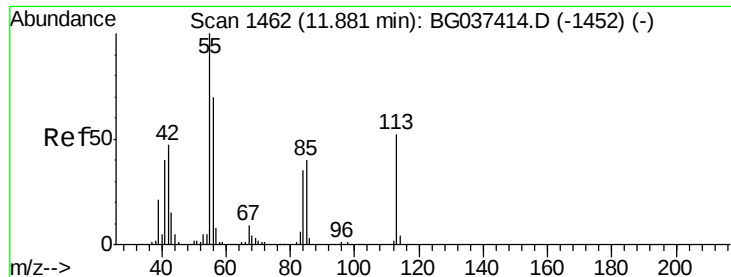
#34
Hexachlorobutadiene
Concen: 35.600 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:225	Resp:	122507
Ion	Ratio	Lower Upper
225	100	
223	57.6	48.2 72.4
227	59.5	51.6 77.4



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

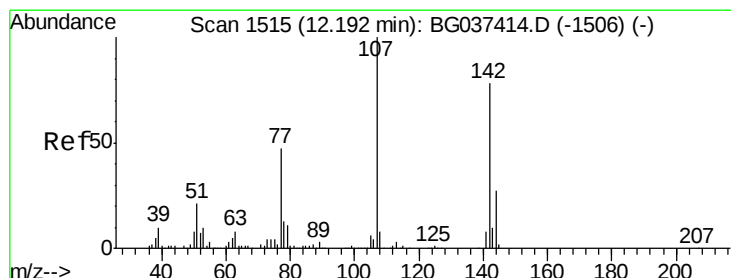
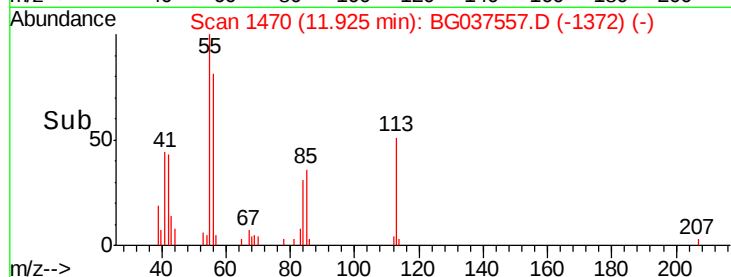
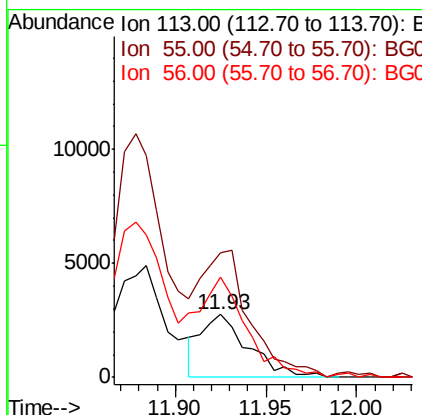
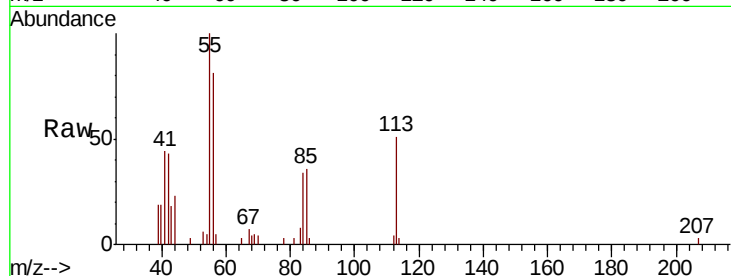




#35
Caprolactam
Concen: 2.326 ng
RT: 11.93 min Scan# 1470
Delta R.T. 0.04 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

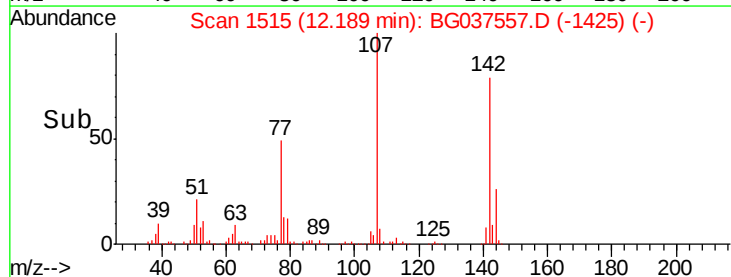
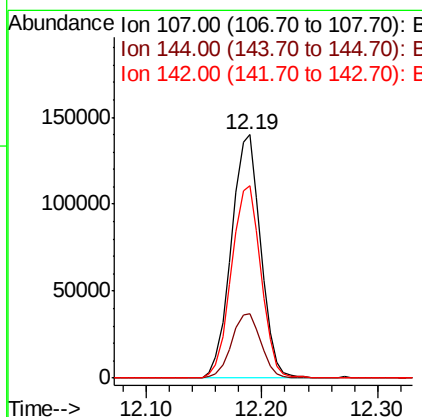
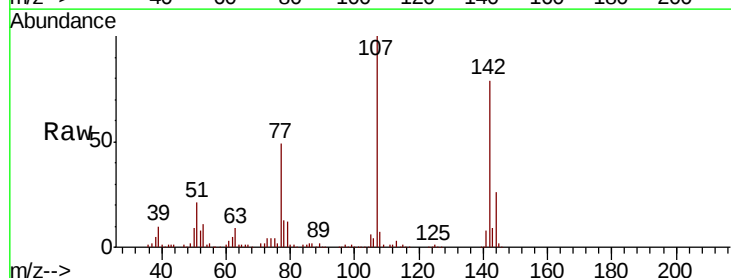
Instrument :
BNA_G
ClientSampled :

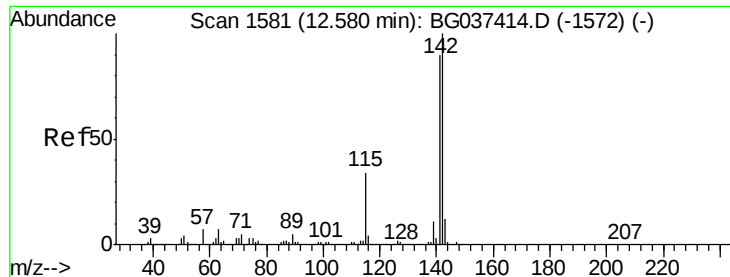
Tot Ion:113 Resp: 4980
Ion Ratio Lower Upper
113 100
55 197.2 176.6 216.6
56 158.8 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 41.077 ng
RT: 12.19 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:107 Resp: 247339
Ion Ratio Lower Upper
107 100
144 26.4 20.7 31.1
142 78.9 64.4 96.6

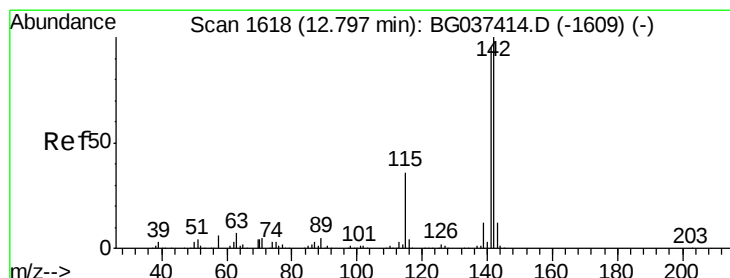
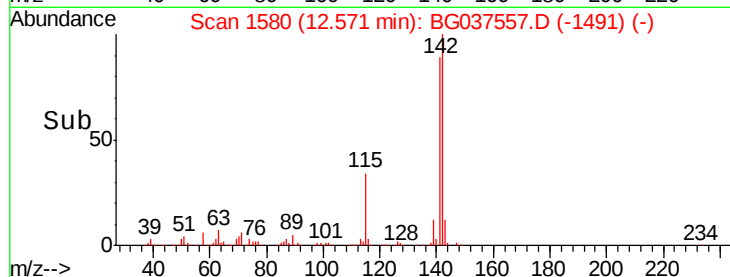
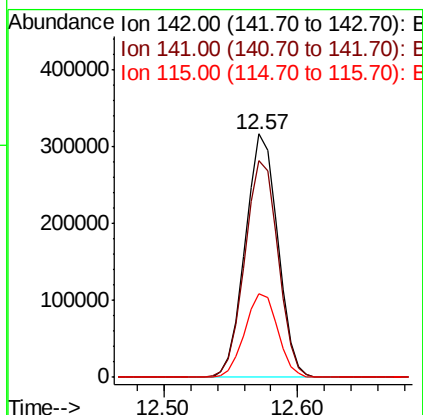
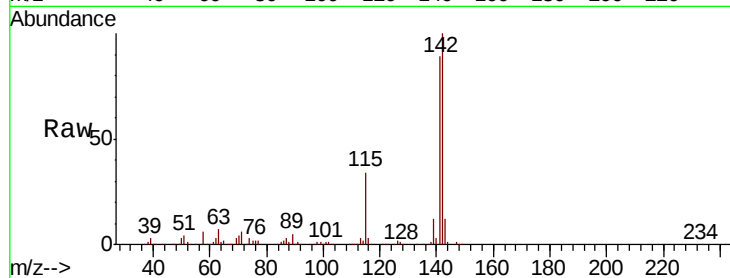




#37
 2-Methylnaphthalene
 Concen: 46.246 ng
 RT: 12.57 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

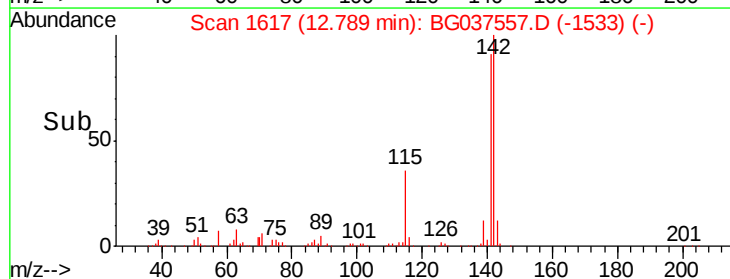
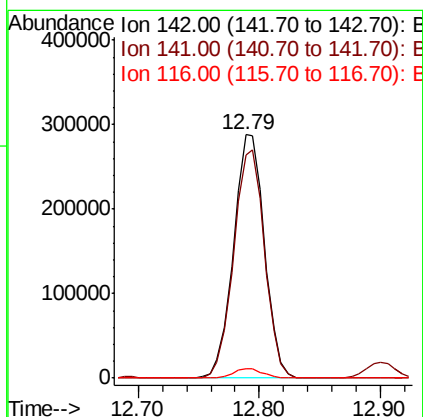
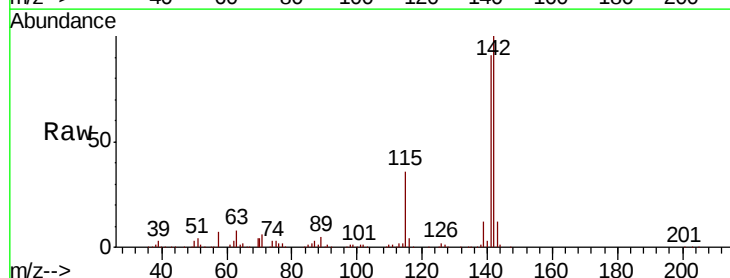
Instrument :
 BNA_G
 ClientSampleId :

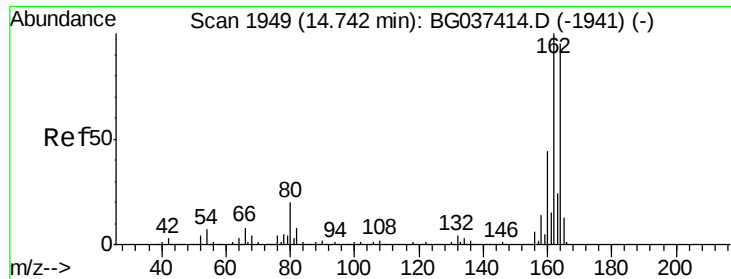
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9
115	34.2	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 45.692 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.2	112.8
116	3.7	3.3	4.9

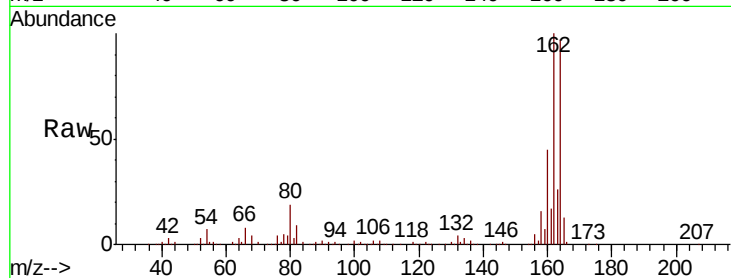




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.3	121.9
160	46.8	36.3	54.5

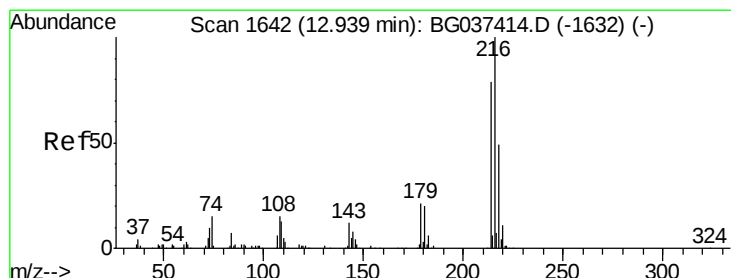
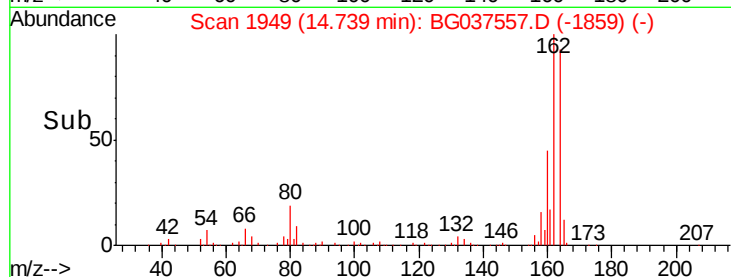
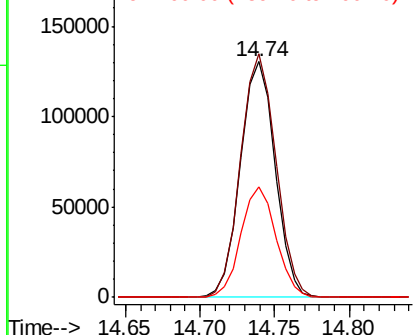


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.155 ng
RT: 12.93 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.8	95.6
179	21.1	17.4	26.0
108	18.9	13.9	20.9

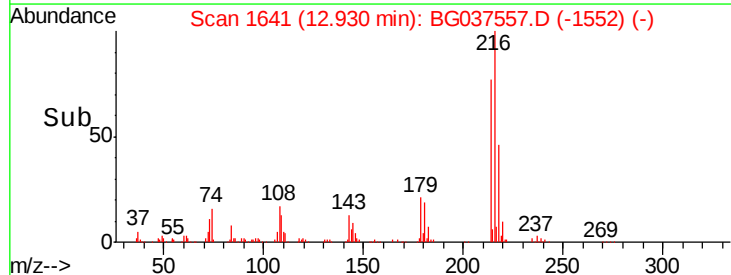
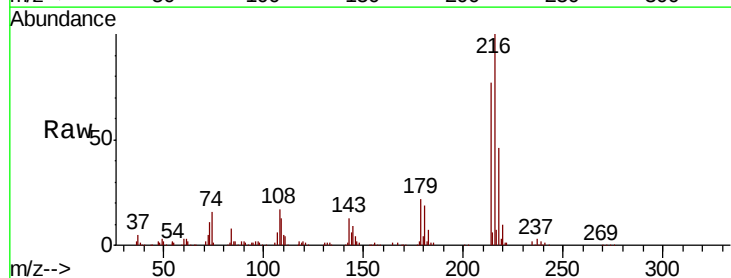
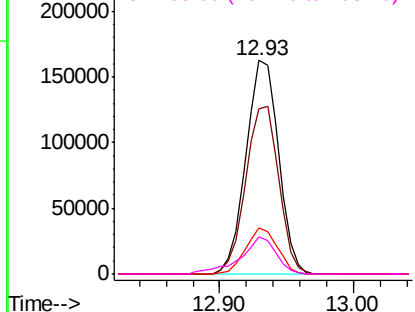
Abundance

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: 87.961 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

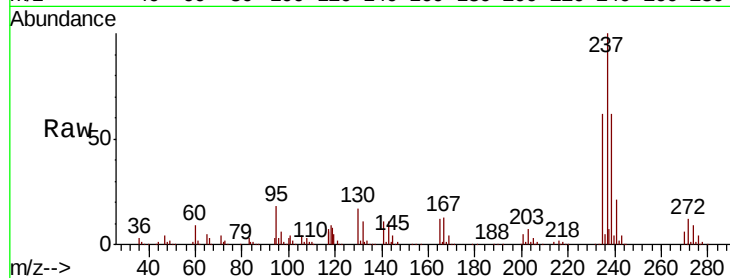
Tot Ion:237 Resp: 285814

Ion Ratio Lower Upper

237 100

235 61.7 42.5 82.5

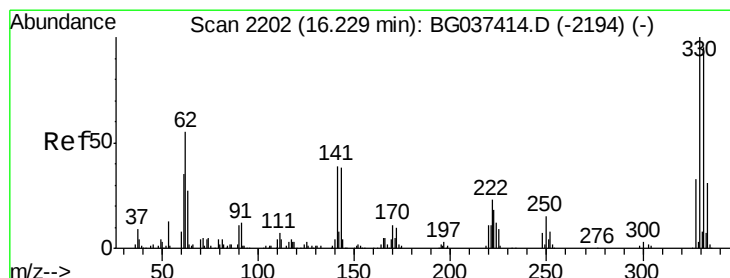
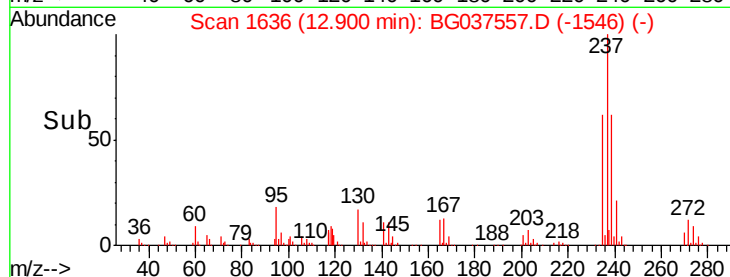
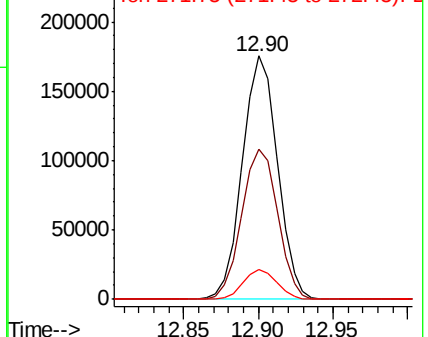
272 12.2 0.0 31.6



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: 115.555 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

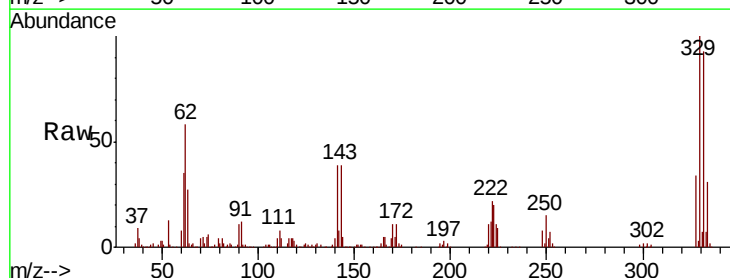
Tgt Ion:330 Resp: 265795

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

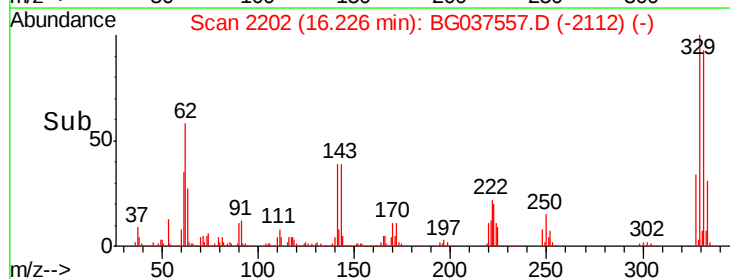
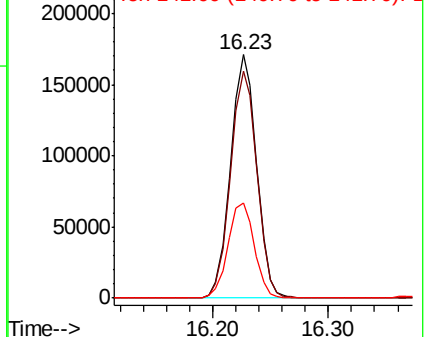
141 39.7 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

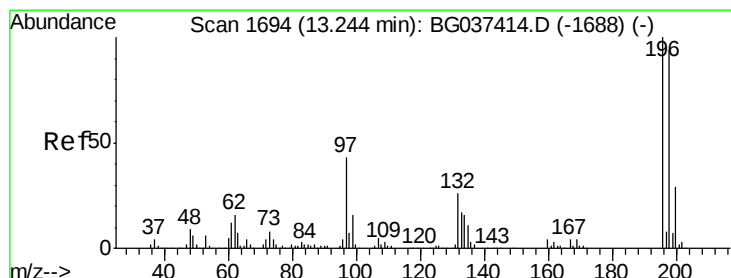
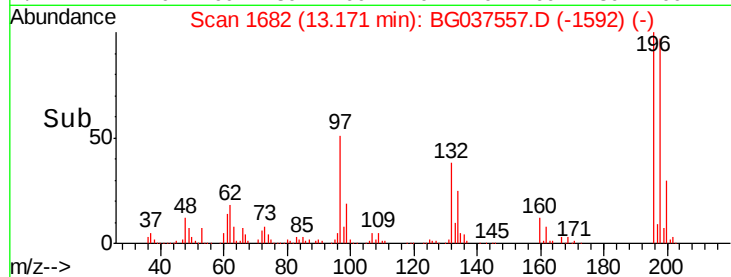
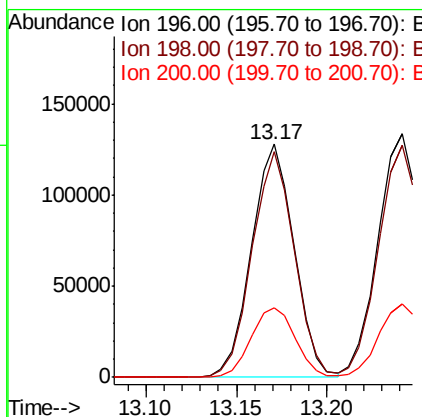
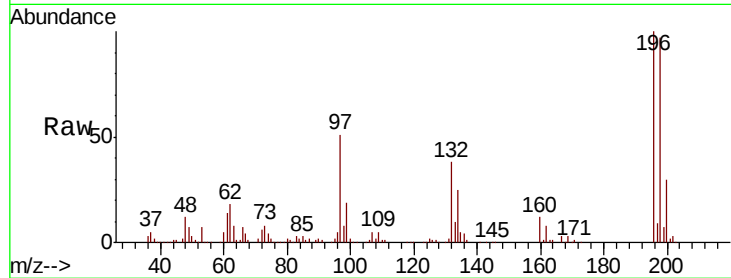




#43
 2,4,6-Trichlorophenol
 Concen: 46.003 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

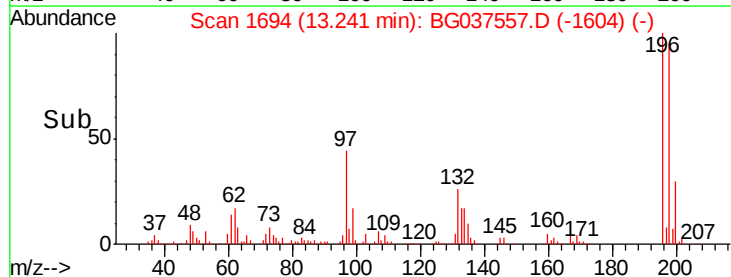
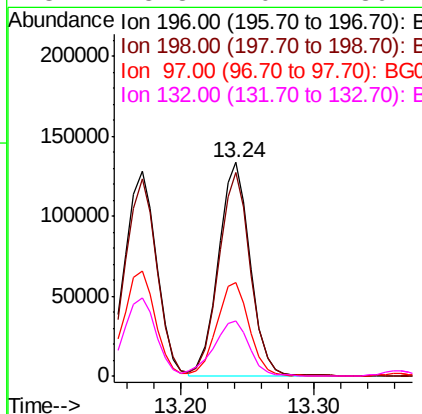
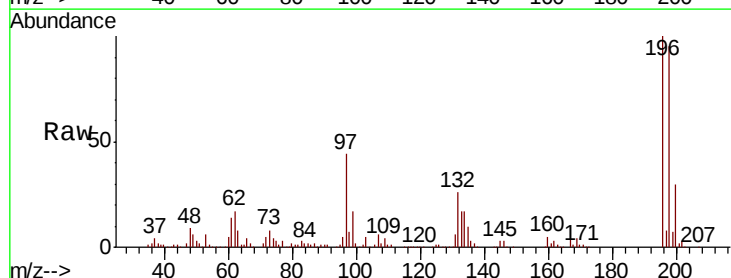
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 209062
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.4 114.6
 200 29.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 44.922 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:196 Resp: 222271
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.2
 97 43.9 34.1 51.1
 132 25.8 20.2 30.4



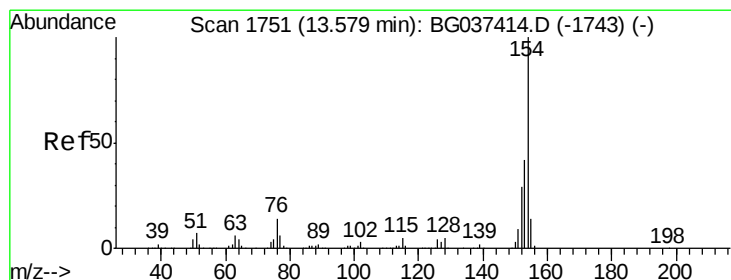
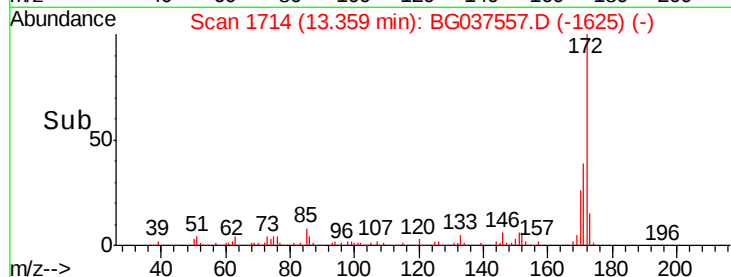
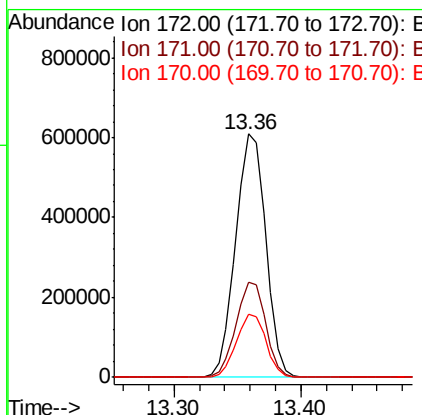
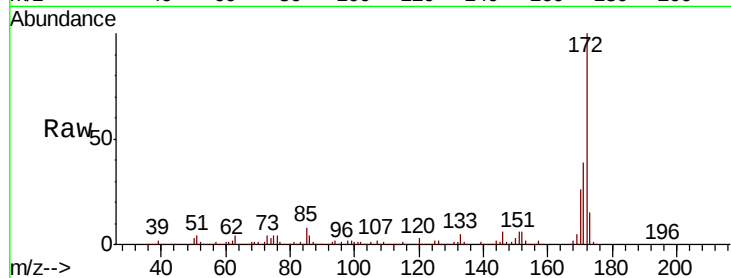


#45
 2-Fluorobiphenyl
 Concen: 71.660 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1002183

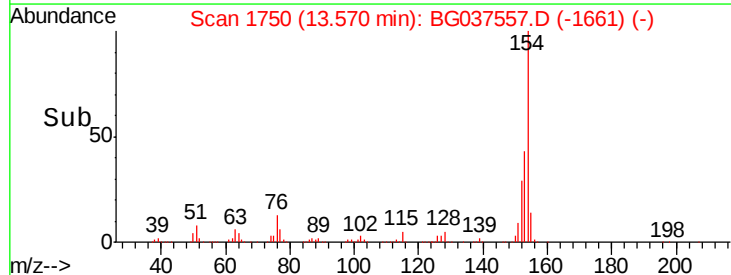
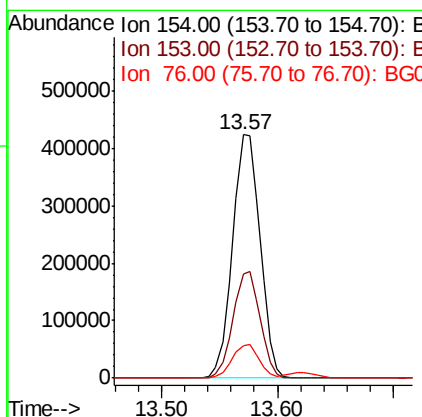
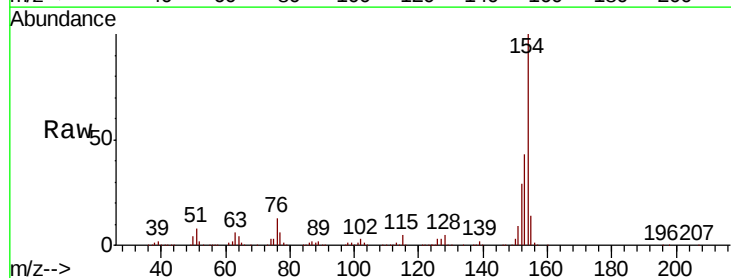
Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	25.8	20.2	30.2

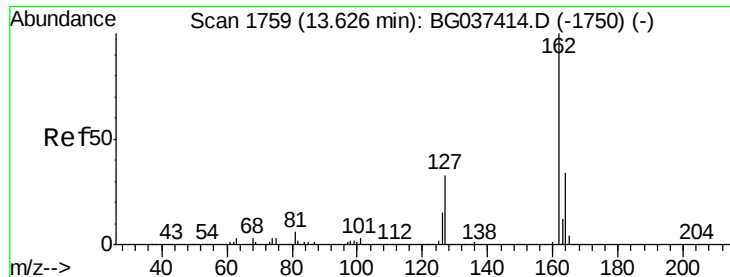


#46
 1,1'-Biphenyl
 Concen: 40.017 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:154 Resp: 698918

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.1	0.0	33.2

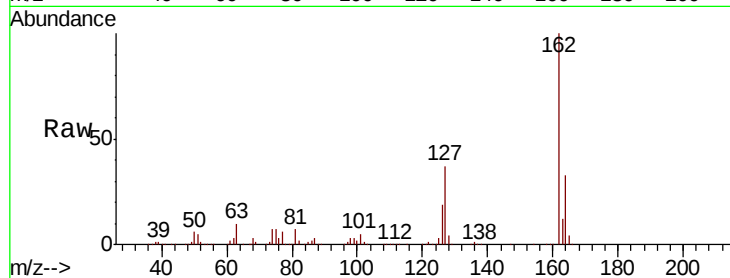




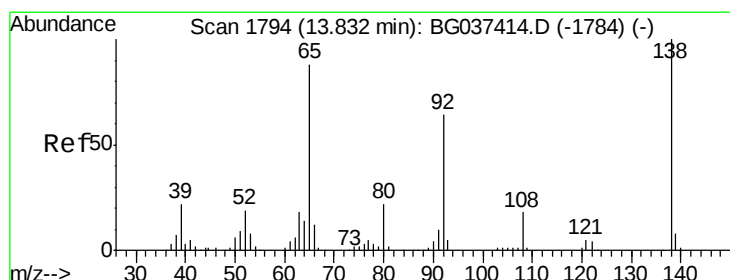
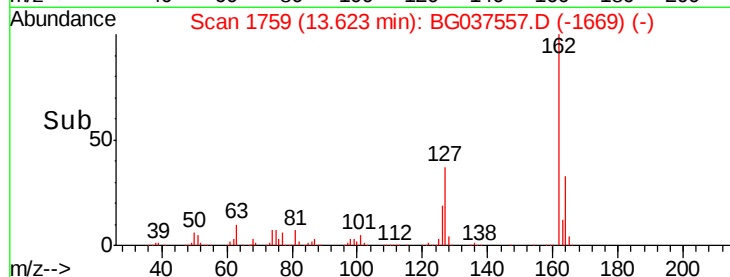
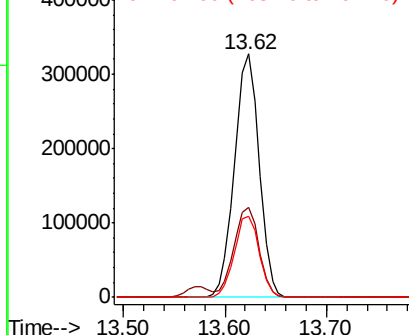
#47
2-Chloronaphthalene
Concen: 41.896 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.2	26.4	39.6

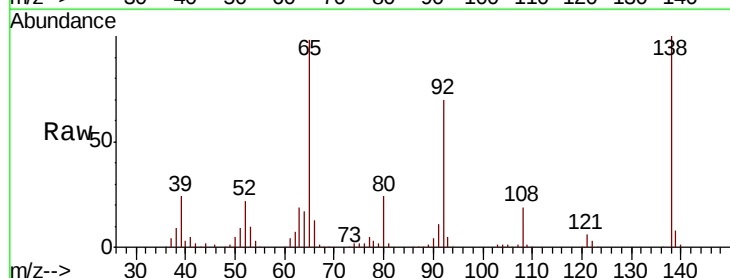


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

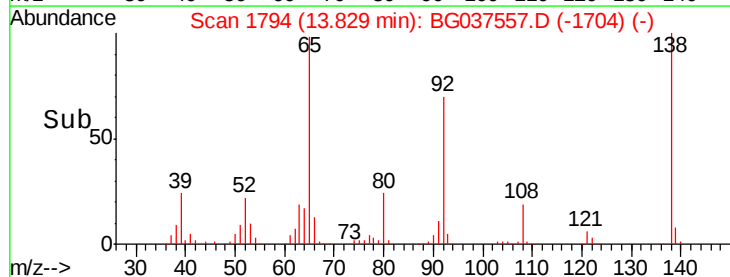
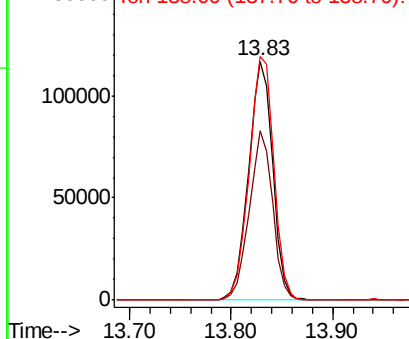


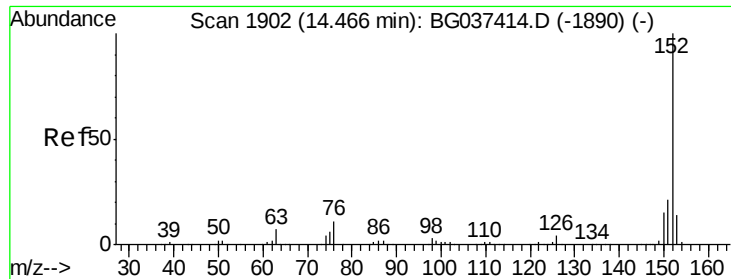
#48
2-Nitroaniline
Concen: 48.032 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.2	79.8
138	101.9	79.3	118.9



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





#49

Acenaphthylene

Concen: 46.162 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

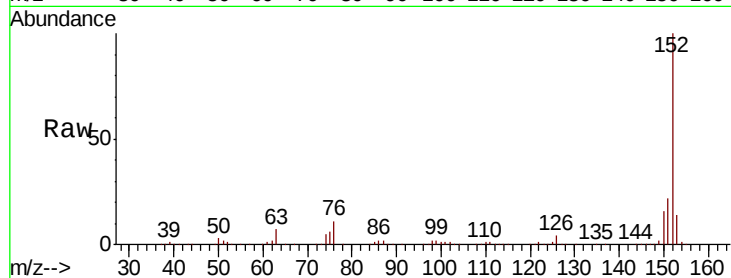
Tot Ion:152 Resp: 917538

Ion Ratio Lower Upper

152 100

151 22.3 17.1 25.7

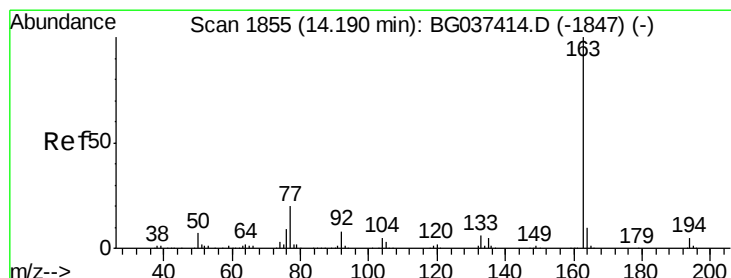
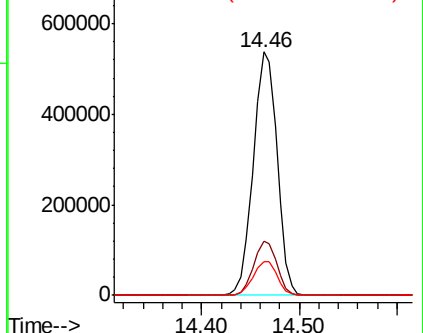
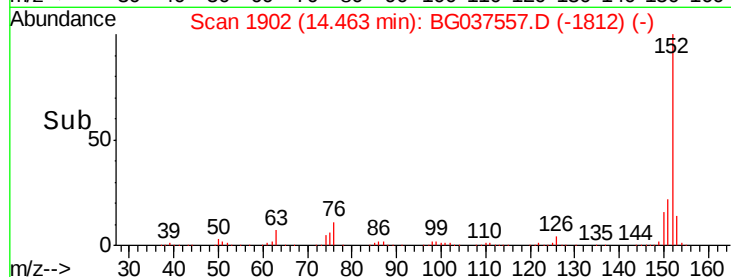
153 14.0 11.1 16.7



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: 46.403 ng

RT: 14.19 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

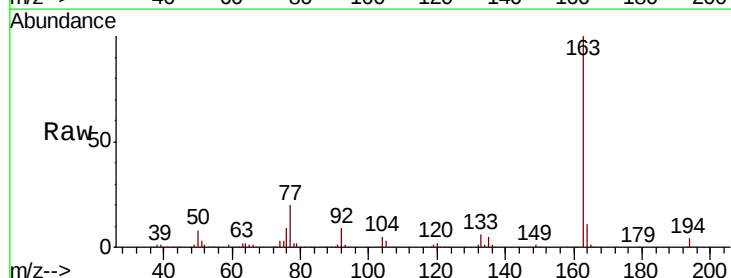
Tgt Ion:163 Resp: 757057

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

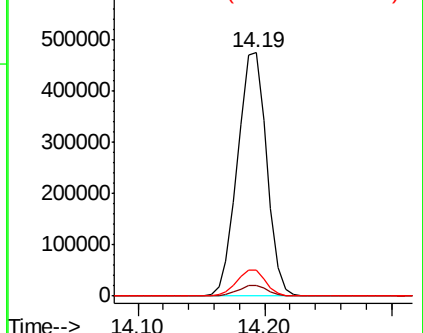
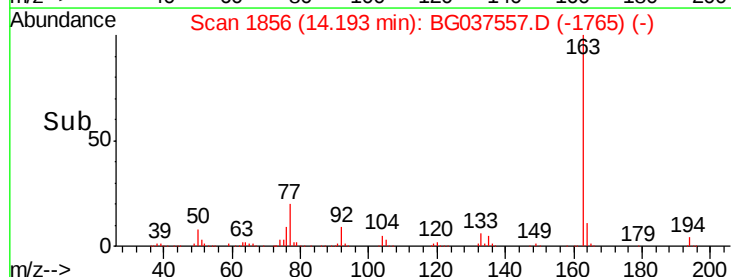
164 10.8 8.5 12.7

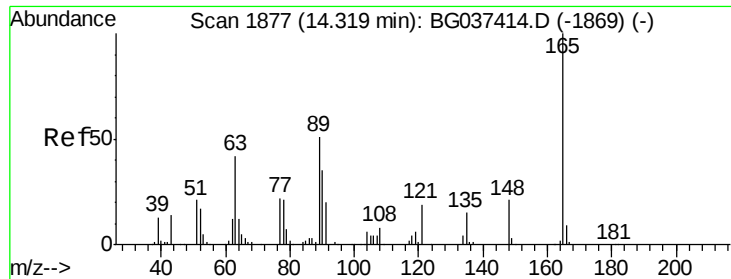


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.117 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

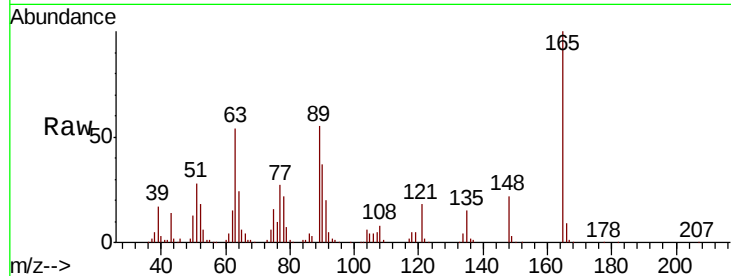
Tot Ion:165 Resp: 170053

Ion Ratio Lower Upper

165 100

63 53.8 43.4 65.2

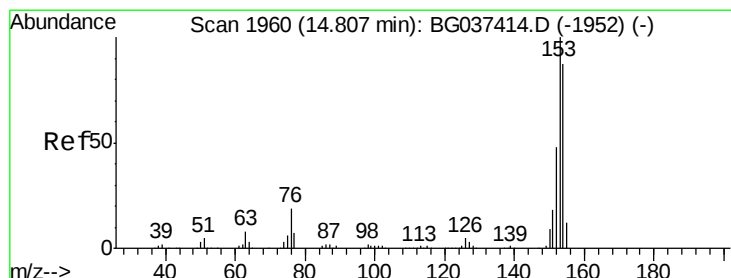
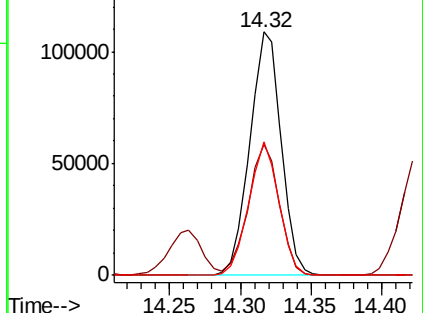
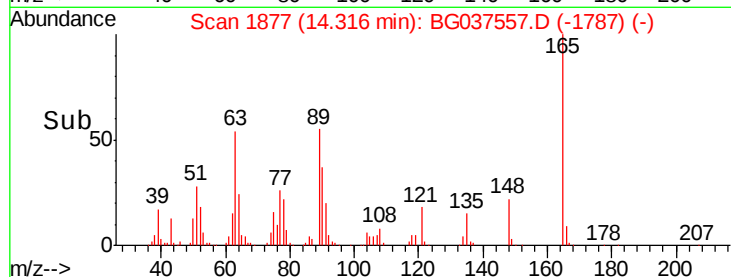
89 55.0 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 44.355 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

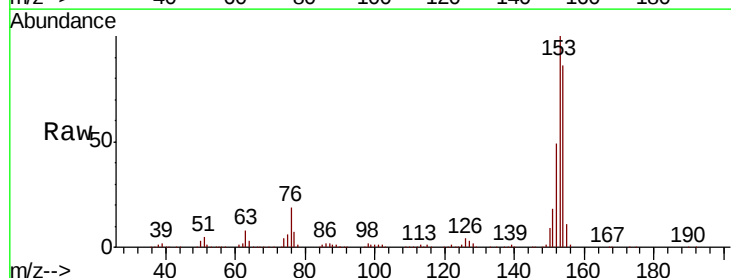
Tgt Ion:154 Resp: 542964

Ion Ratio Lower Upper

154 100

153 116.1 93.4 140.0

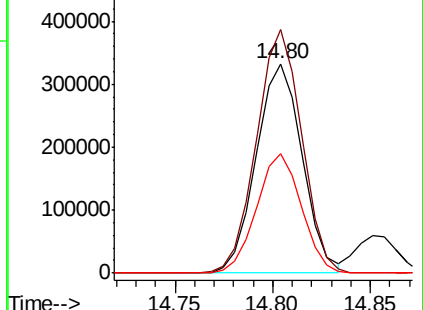
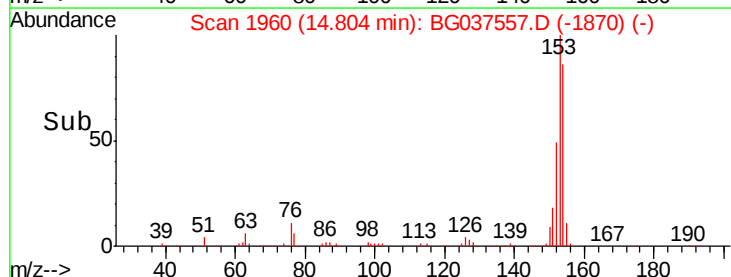
152 57.1 44.7 67.1

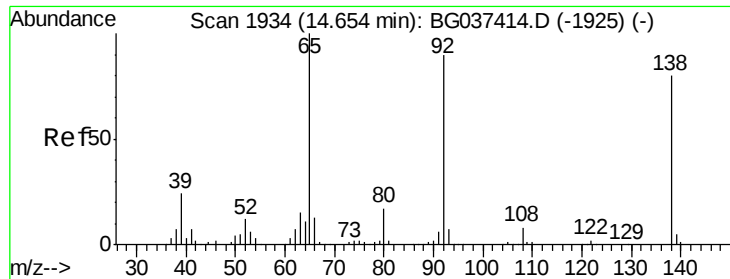


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

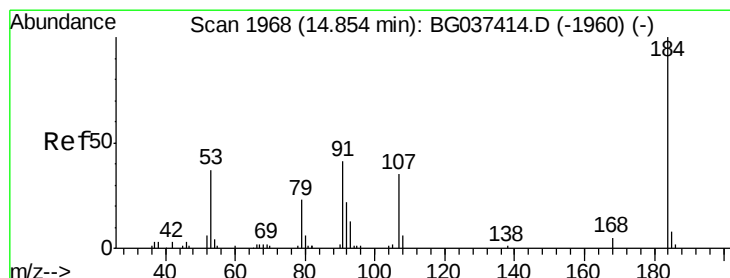
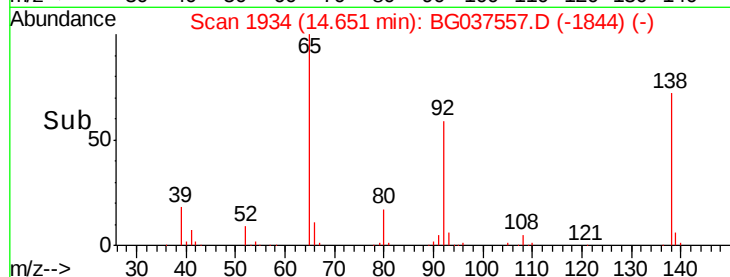
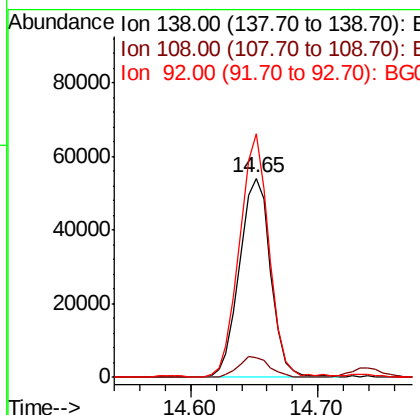
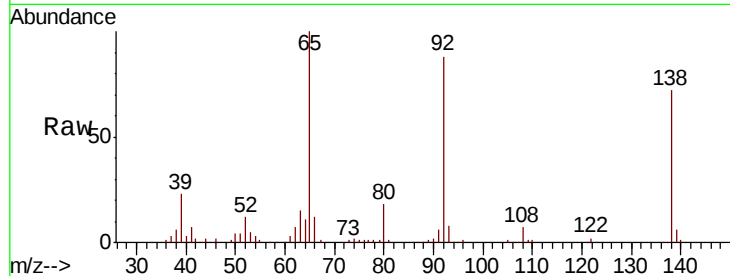




#53
 3-Nitroaniline
 Concen: 23.114 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

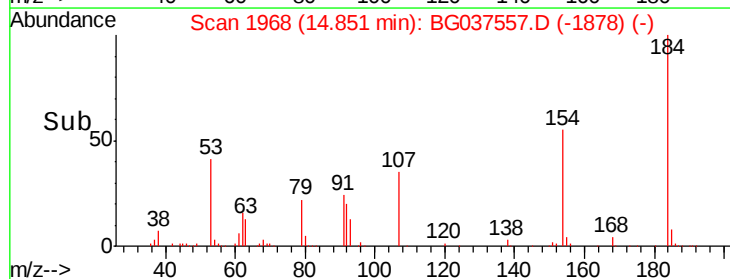
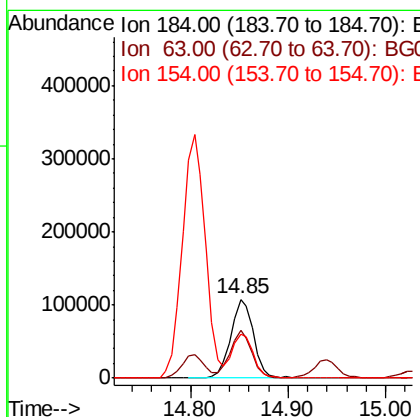
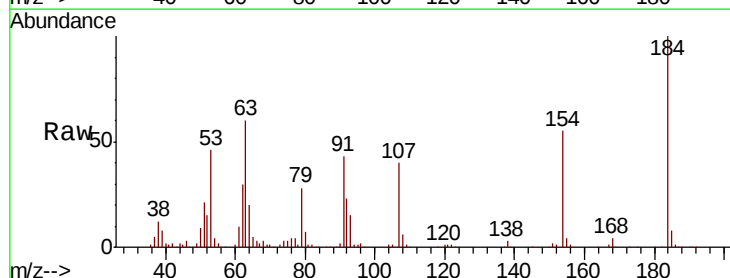
Instrument :
 BNA_G
 ClientSampleId :

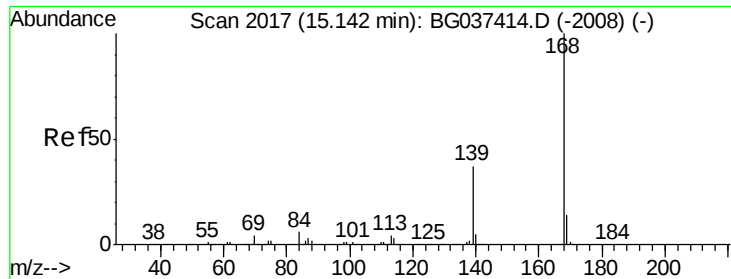
Tot Ion:138 Resp: 92610
 Ion Ratio Lower Upper
 138 100
 108 9.8 11.0 16.6#
 92 122.3 95.2 142.8



#54
 2,4-Dinitrophenol
 Concen: 96.209 ng
 RT: 14.85 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:184 Resp: 174565
 Ion Ratio Lower Upper
 184 100
 63 60.0 42.6 63.8
 154 55.4 41.8 62.6

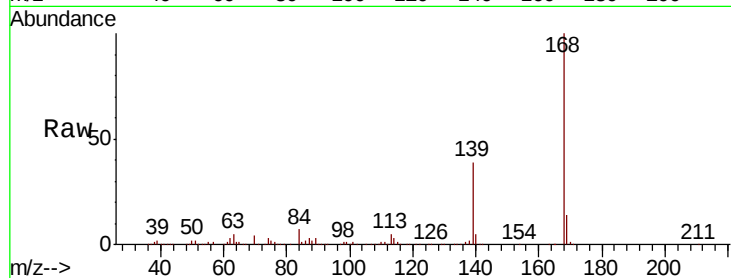




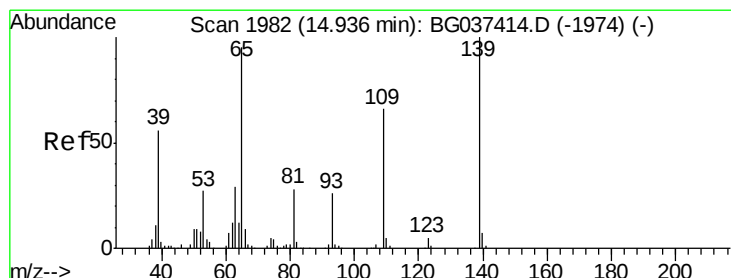
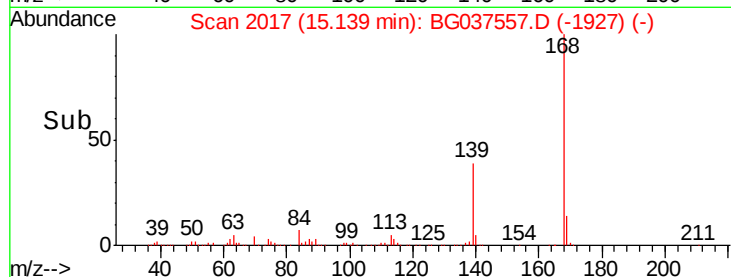
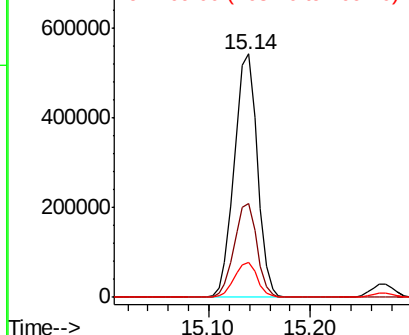
#55
Dibenzenofuran
Concen: 42.432 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 860589
Ion Ratio Lower Upper
168 100
139 38.5 29.4 44.0
169 14.3 11.0 16.6

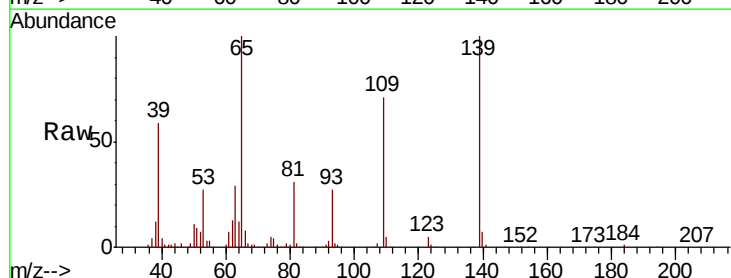


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

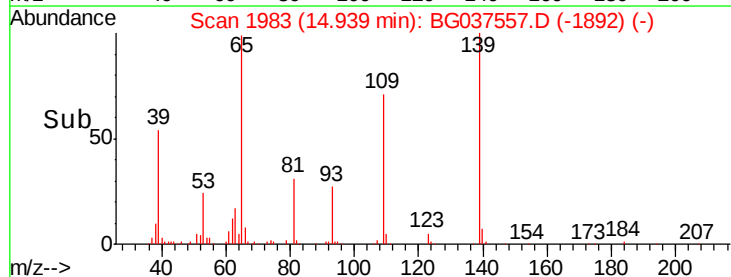
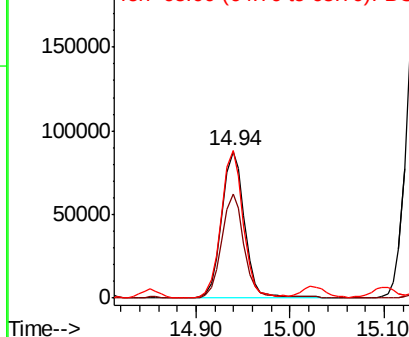


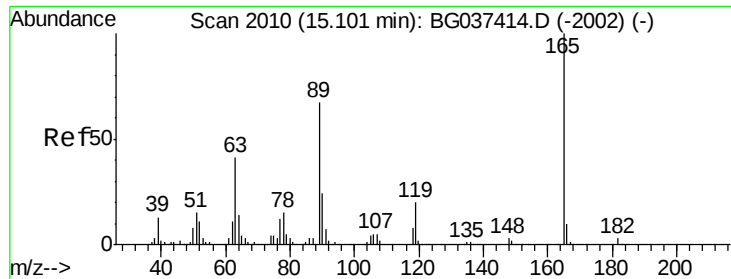
#56
4-Nitrophenol
Concen: 50.513 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:139 Resp: 149809
Ion Ratio Lower Upper
139 100
109 71.2 49.5 89.5
65 100.3 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

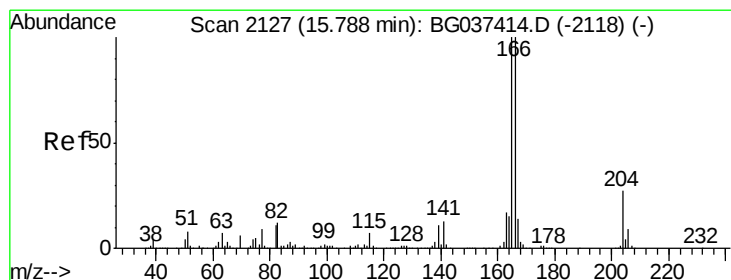
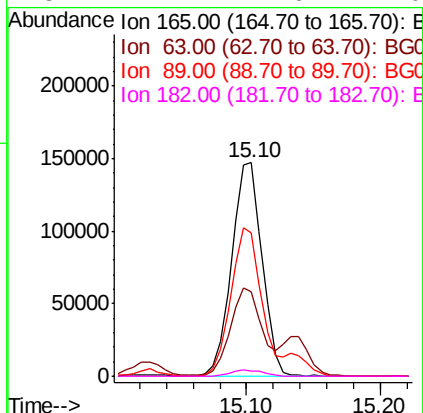
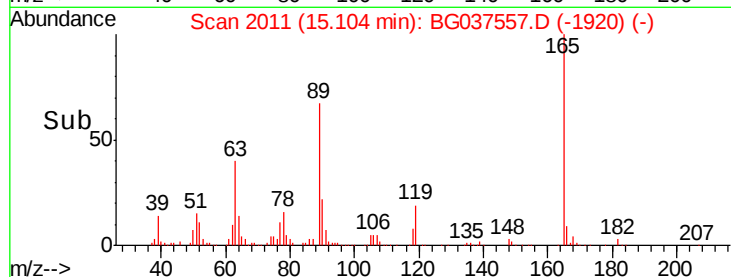
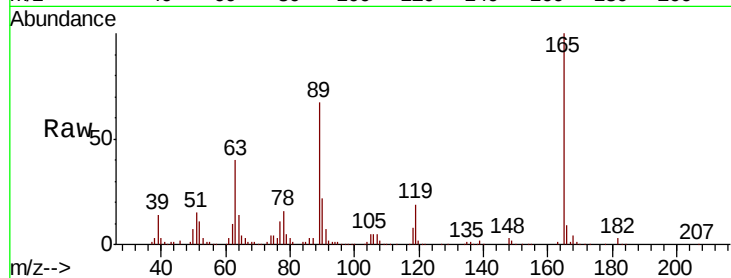




#57
2,4-Dinitrotoluene
Concen: 49.151 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

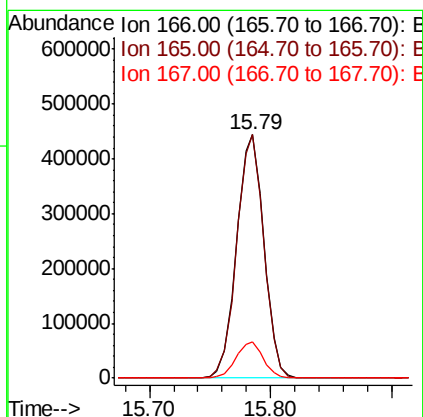
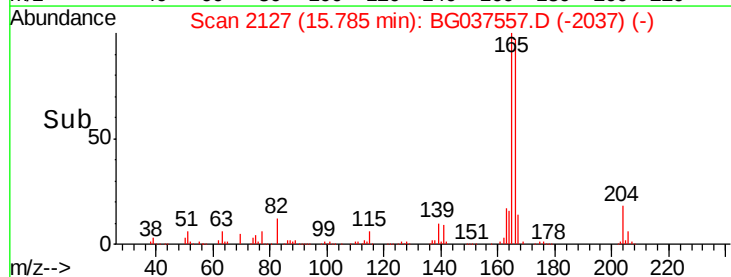
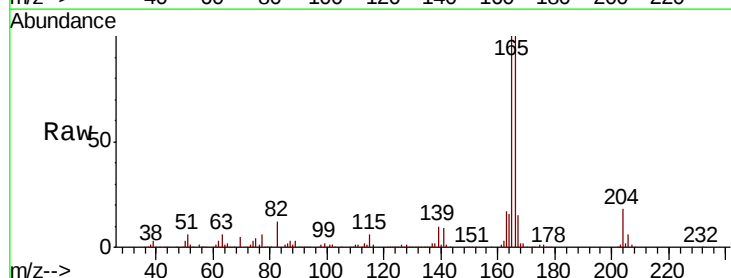
Instrument :
BNA_G
ClientSampleId :

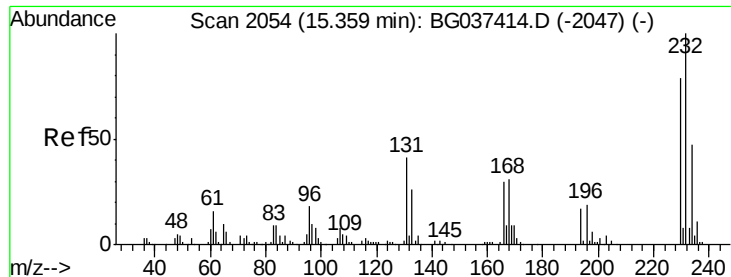
Tot Ion	Ratio	Lower	Upper
165	100		
63	39.8	33.4	50.0
89	67.4	57.2	85.8
182	2.7	2.6	4.0



#58
Fluorene
Concen: 46.057 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.0	118.6
167	15.1	11.3	16.9

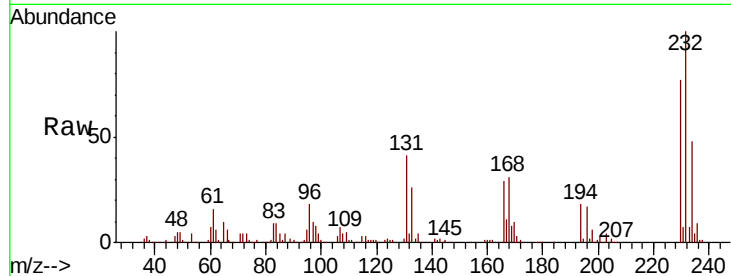




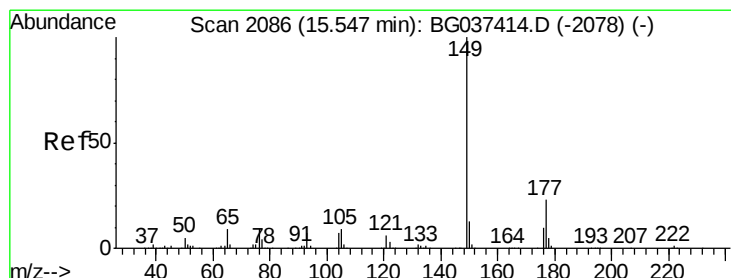
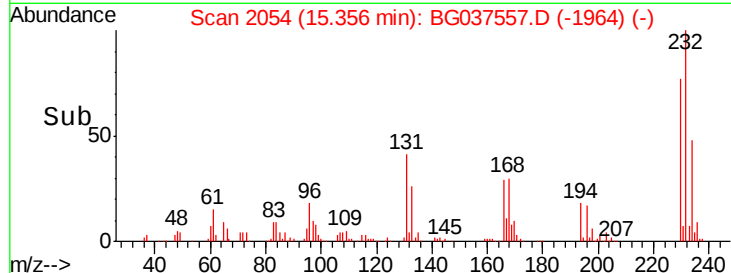
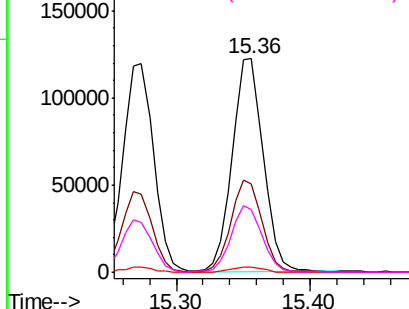
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.724 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	197945
Ion Ratio	Lower	Upper
232	100	
131	43.1	33.7 50.5
130	2.5	2.1 3.1
166	30.7	24.6 36.8

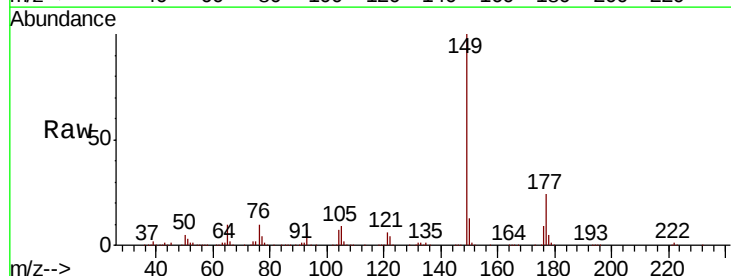


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

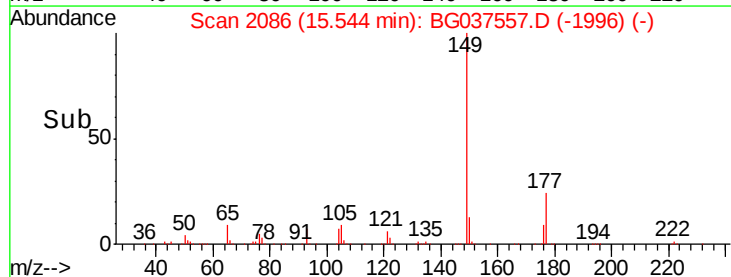
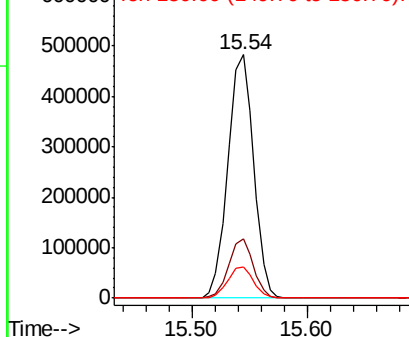


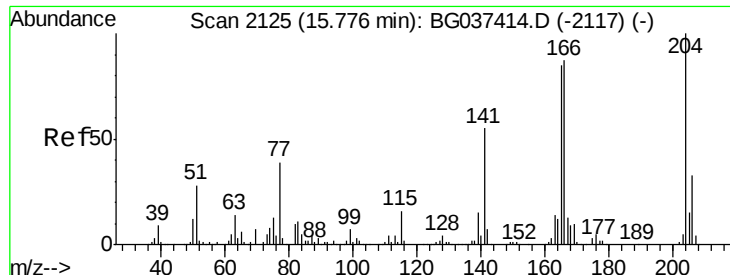
#60
 Diethylphthalate
 Concen: 44.237 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037557.D
 Acq: 25 Oct 2018 22:53

Tgt Ion:149	Resp:	740956
Ion Ratio	Lower	Upper
149	100	
177	24.3	18.3 27.5
150	13.0	10.0 15.0



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

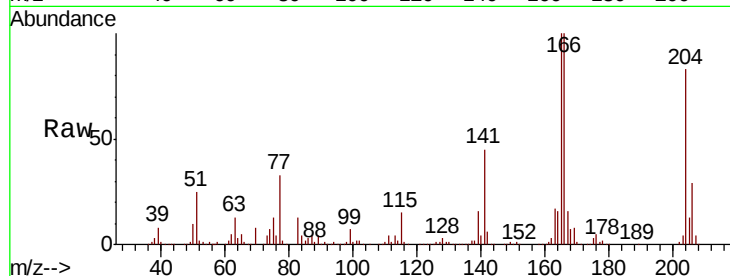




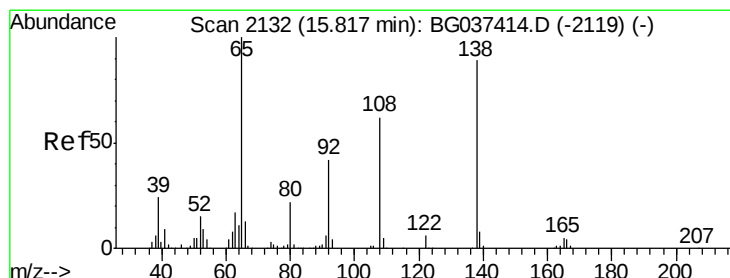
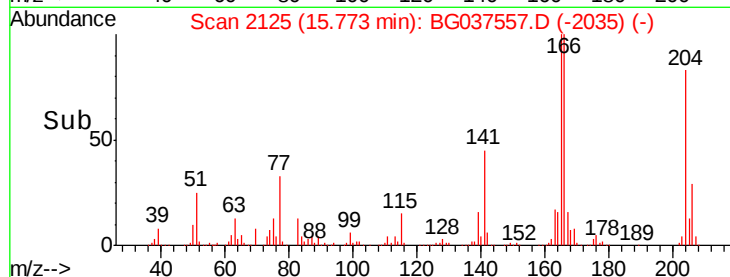
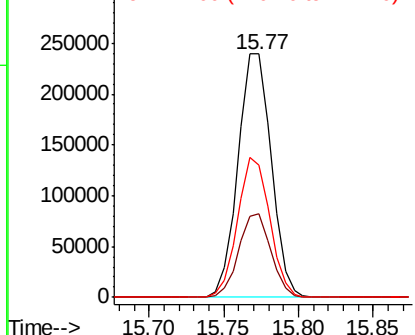
#61
4-Chlorophenyl-phenylether
Concen: 41.959 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 371446
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 54.5 45.4 68.2

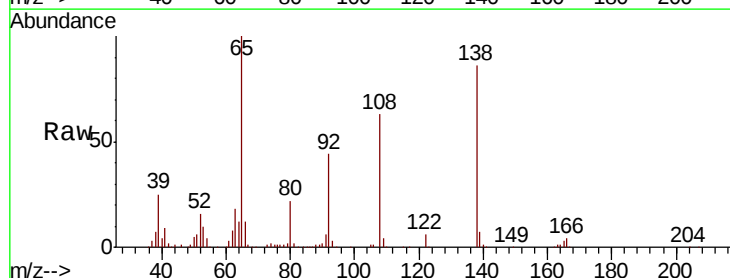


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

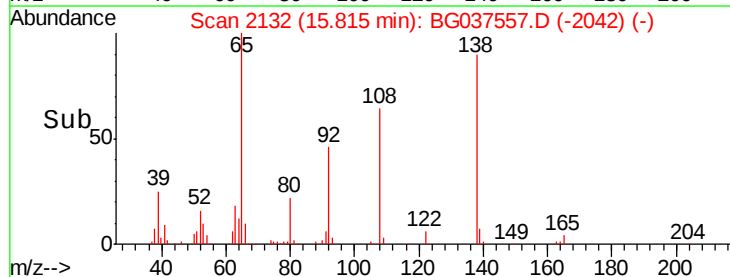
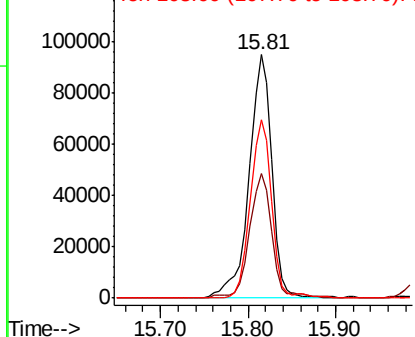


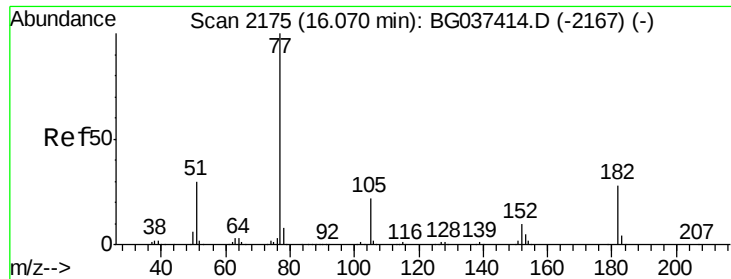
#62
4-Nitroaniline
Concen: 41.974 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:138 Resp: 167113
Ion Ratio Lower Upper
138 100
92 51.3 36.4 76.4
108 73.2 60.1 100.1



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

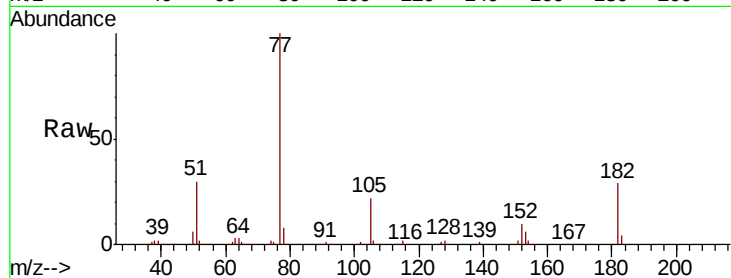




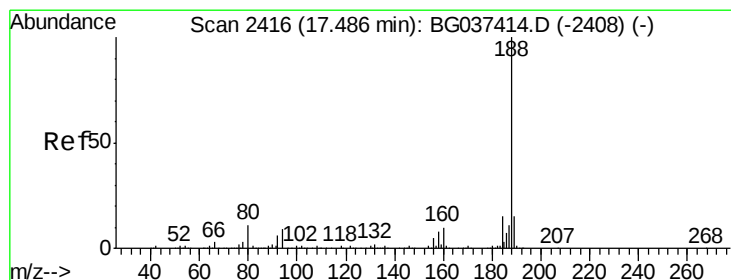
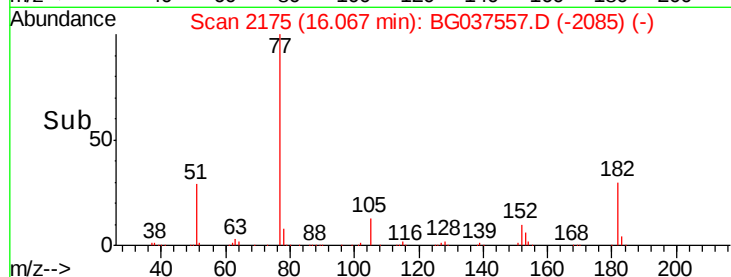
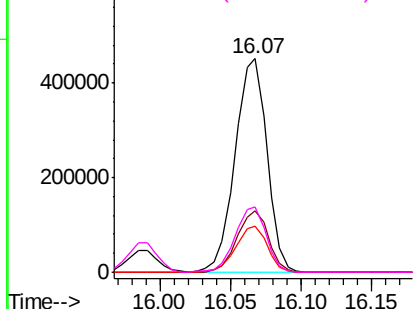
#63
Azobenzene
Concen: 44.310 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	708128
Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.0	48.0
105	21.6	1.3	41.3
51	30.4	10.7	50.7

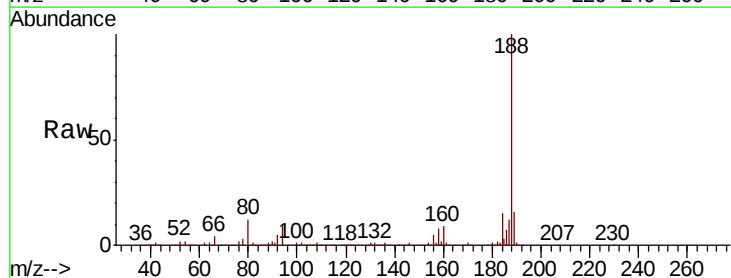


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

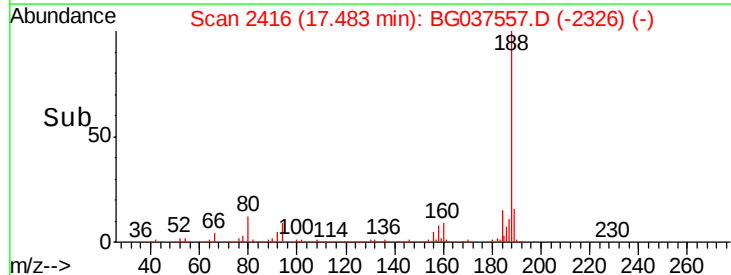
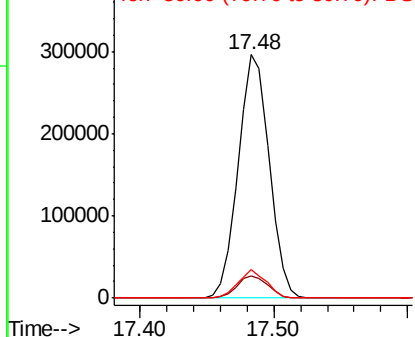


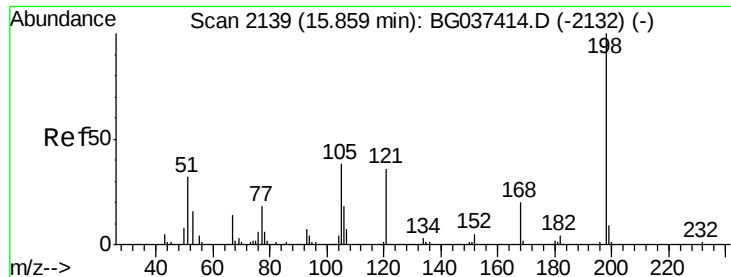
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:	188	Resp:	474768
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	11.6	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 49.690 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

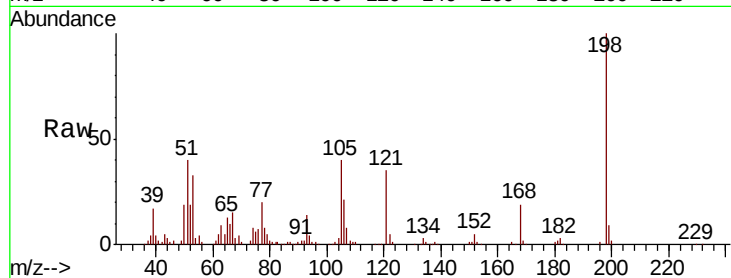
Tot Ion:198 Resp: 124703

Ion	Ratio	Lower	Upper
198	100		
51	40.0	22.7	62.7
105	39.6	19.7	59.7

198 100

51 40.0 22.7 62.7

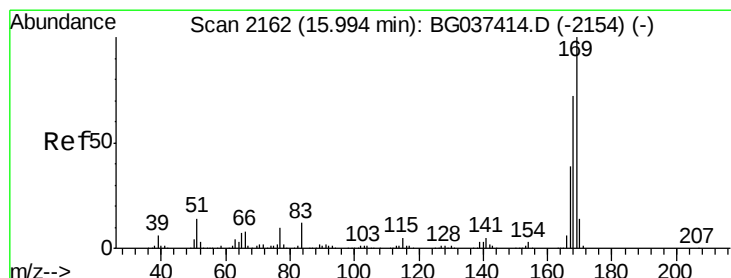
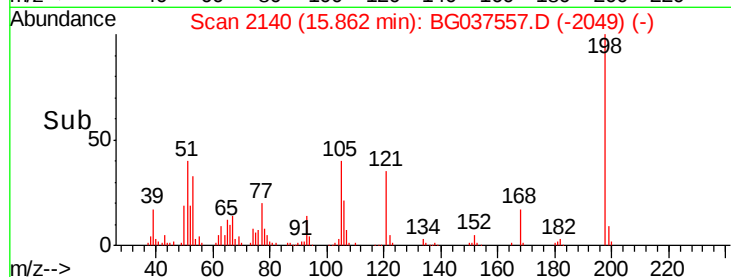
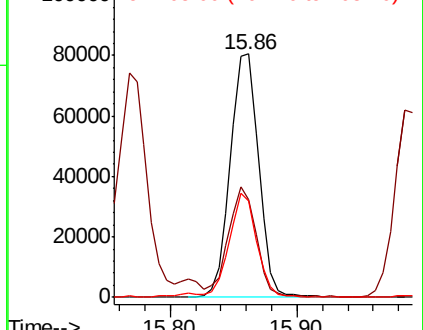
105 39.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.395 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

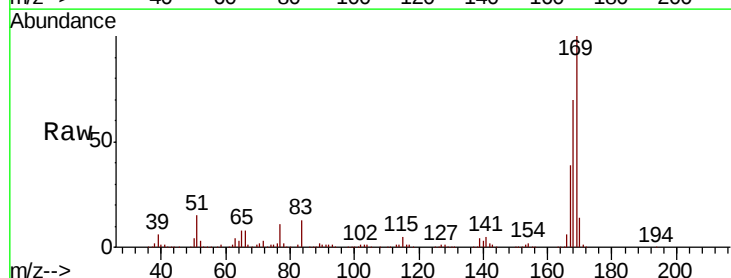
Tgt Ion:169 Resp: 634007

Ion	Ratio	Lower	Upper
169	100		
168	69.9	55.7	83.5
167	39.2	31.3	46.9

169 100

168 69.9 55.7 83.5

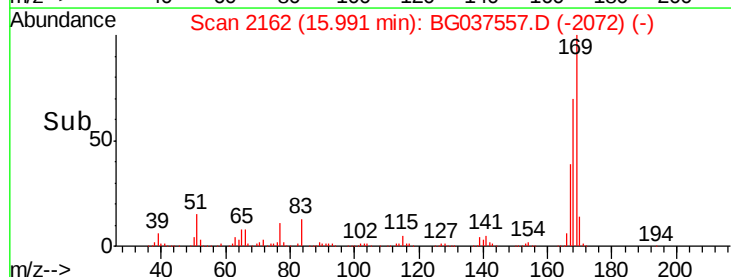
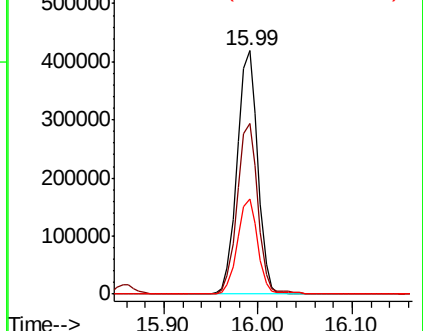
167 39.2 31.3 46.9

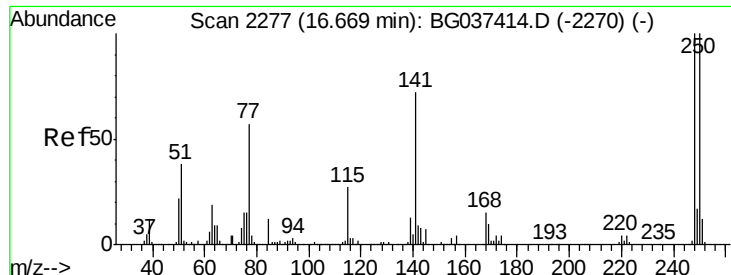


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

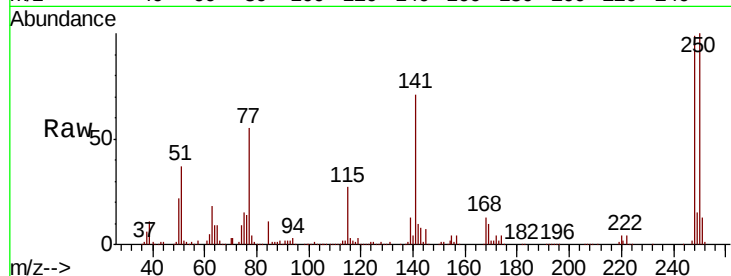




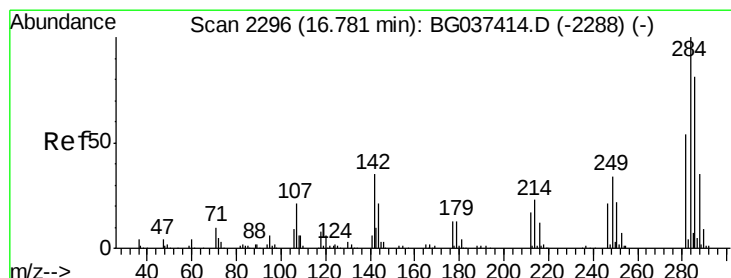
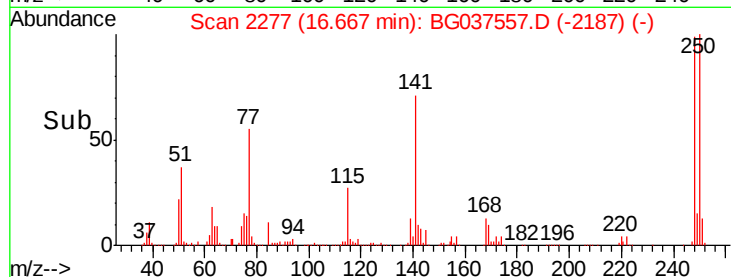
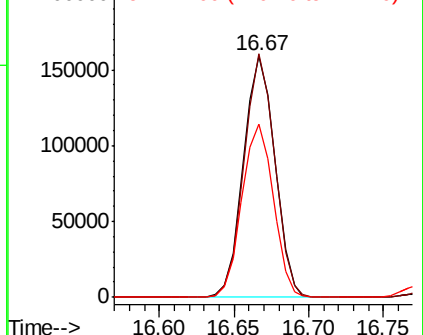
#67
4-Bromophenyl-phenylether
Concen: 44.409 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 231534
Ion Ratio Lower Upper
248 100
250 100.8 77.0 115.6
141 71.6 55.5 83.3

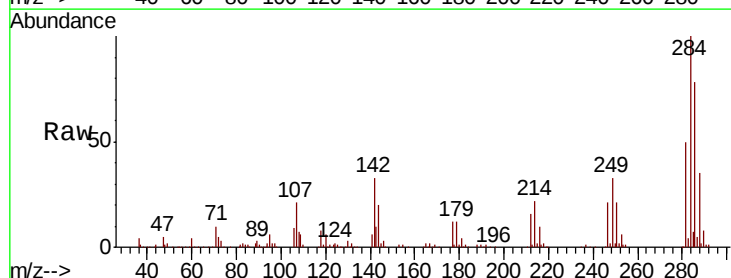


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

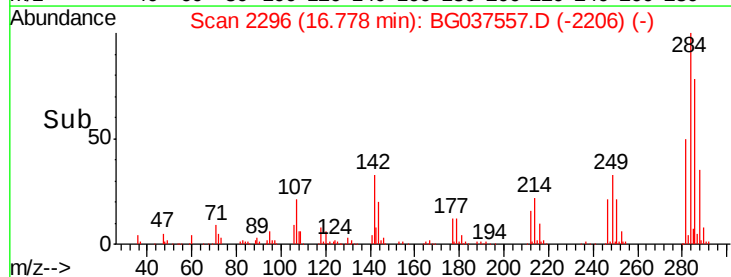
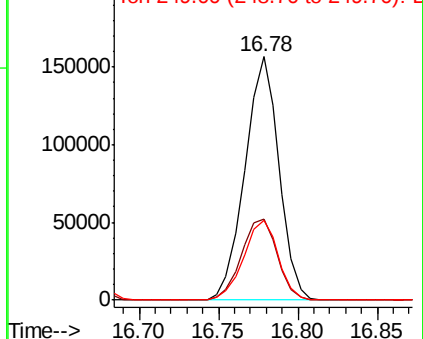


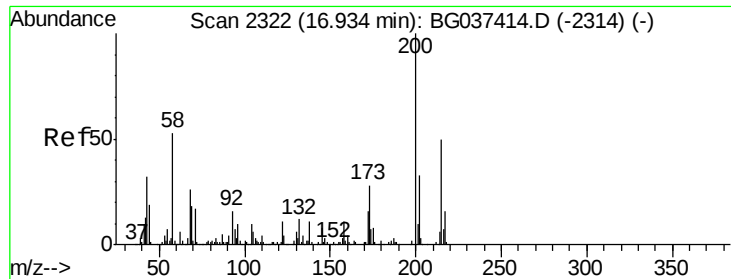
#68
Hexachlorobenzene
Concen: 43.121 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:284 Resp: 233006
Ion Ratio Lower Upper
284 100
142 33.2 28.1 42.1
249 35.2 29.8 44.8



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

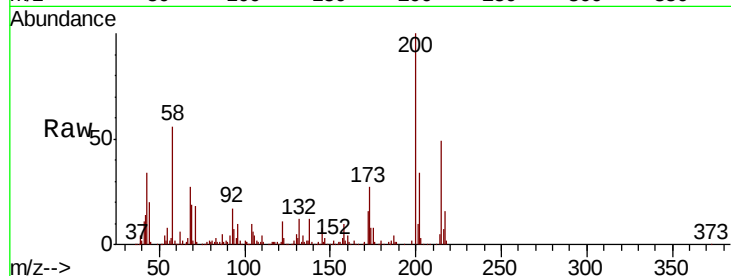




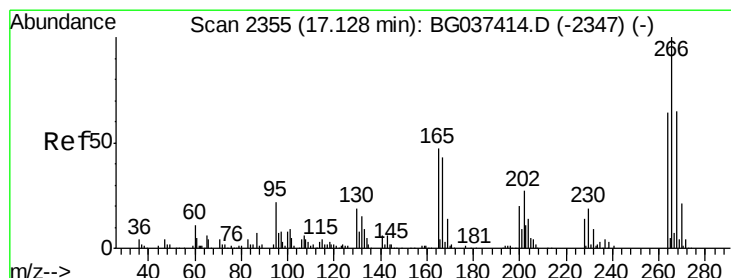
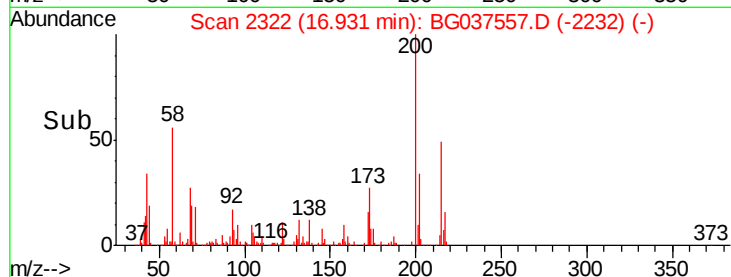
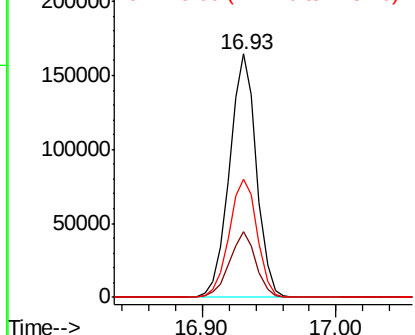
#69
Atrazine
Concen: 44.825 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.1	46.1
215	48.8	30.8	70.8

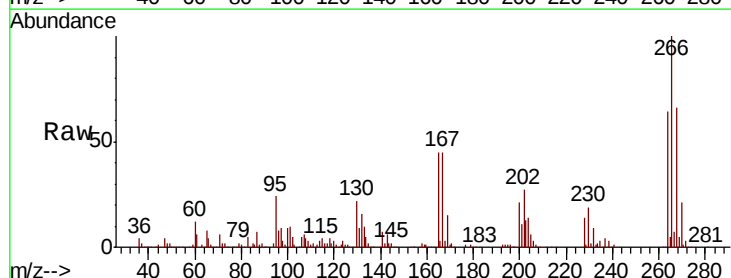


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

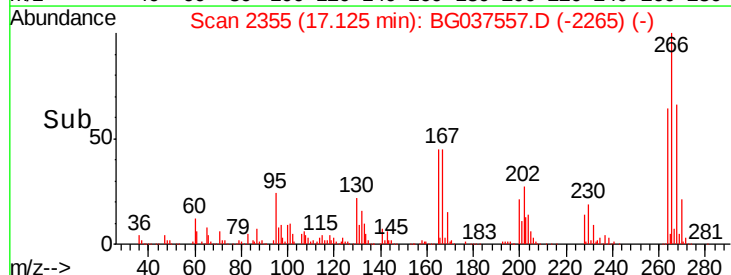
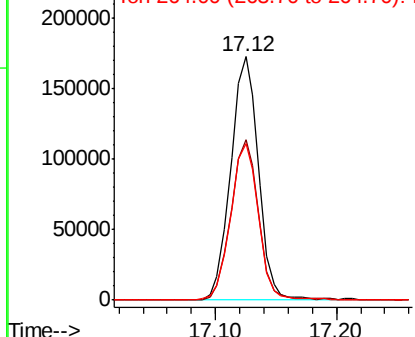


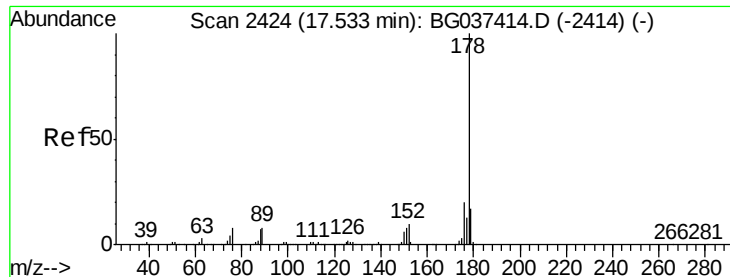
#70
Pentachlorophenol
Concen: 76.470 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.2	55.0	82.6
264	69.7	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

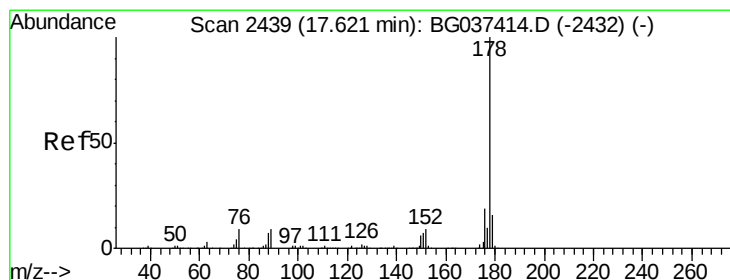
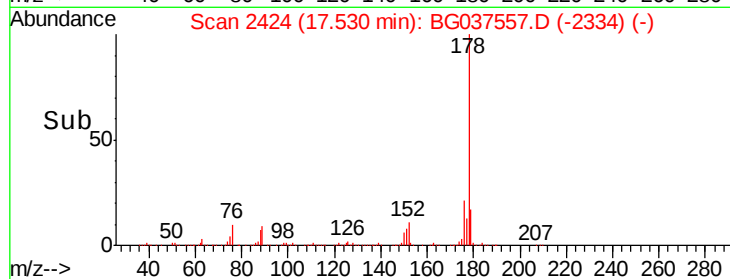
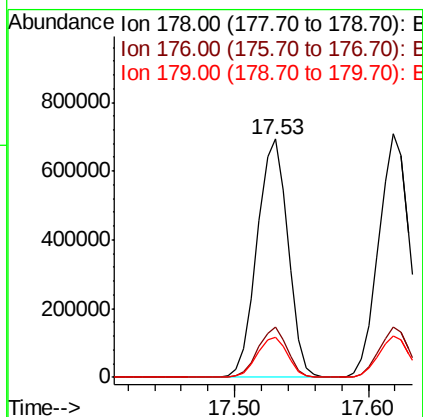
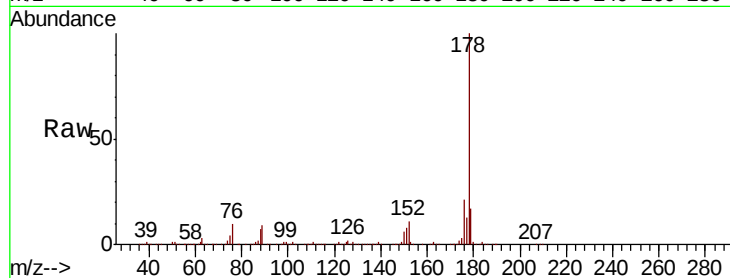




#71
Phenanthrene
Concen: 45.788 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

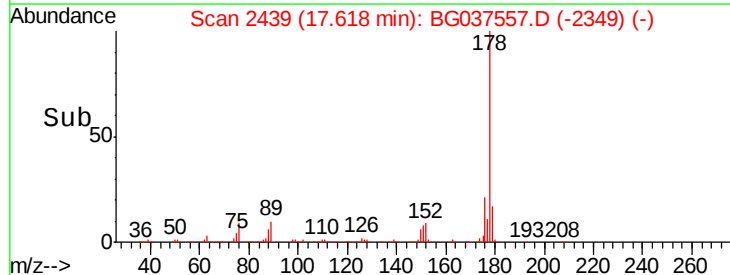
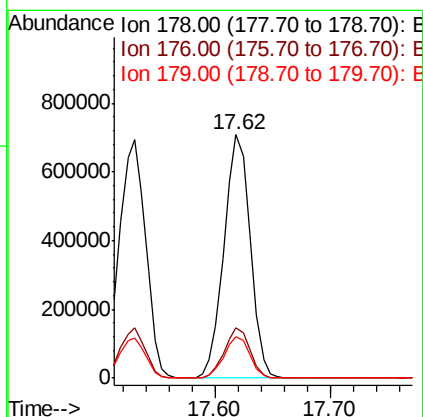
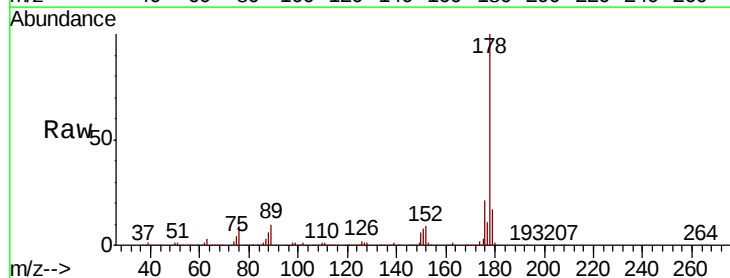
Instrument :
BNA_G
ClientSampleId :

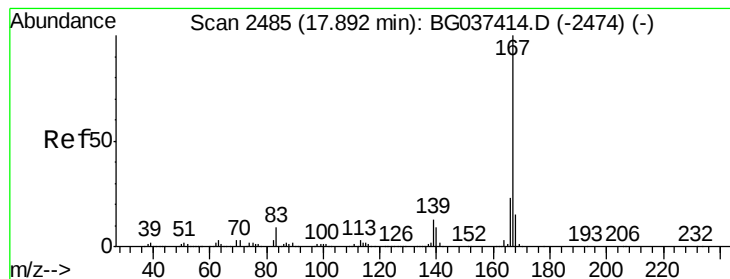
Tot Ion:178 Resp: 1104835
Ion Ratio Lower Upper
178 100
176 21.1 16.1 24.1
179 16.7 13.0 19.4



#72
Anthracene
Concen: 47.117 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:178 Resp: 1115715
Ion Ratio Lower Upper
178 100
176 20.7 15.0 22.4
179 17.0 12.8 19.2





#73

Carbazole

Concen: 42.894 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

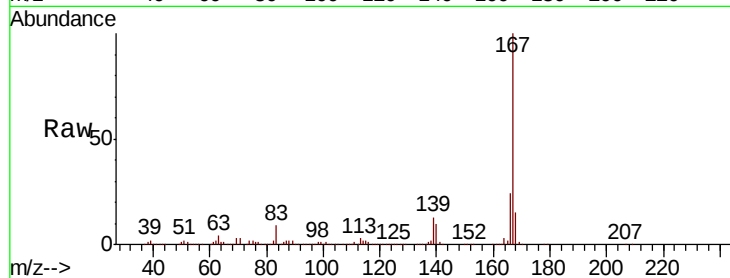
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1015999

Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.3	27.5
139	13.4	10.5	15.7

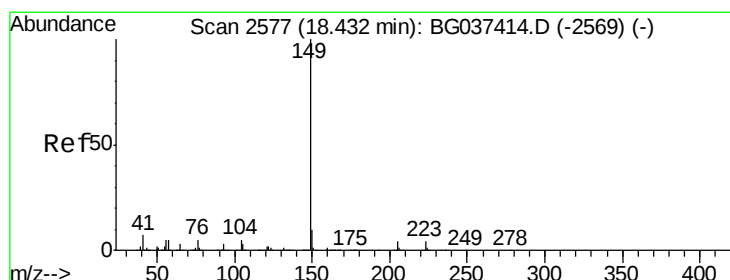
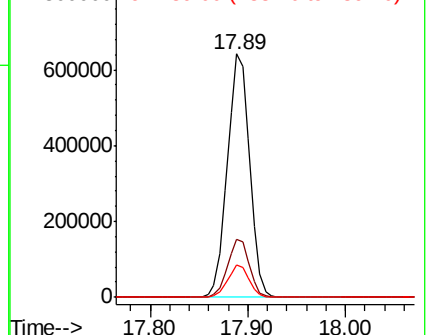
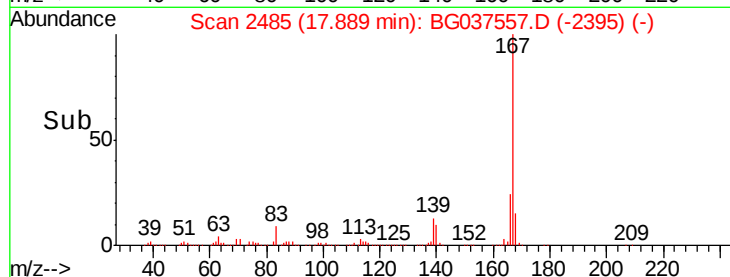


Abundance

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: 45.447 ng

RT: 18.42 min Scan# 2576

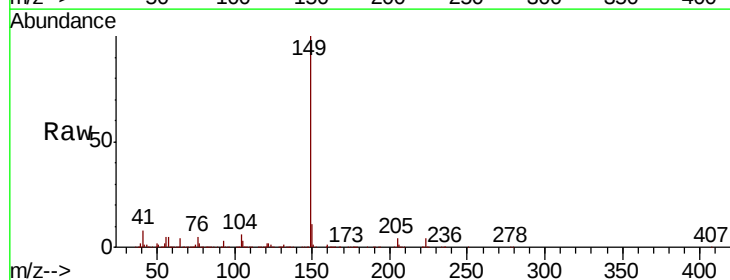
Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:149 Resp: 1197484

Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.2	12.2
104	5.6	4.0	6.0

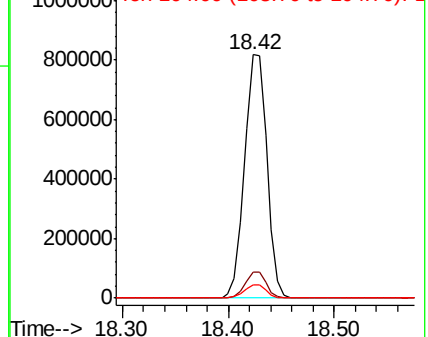
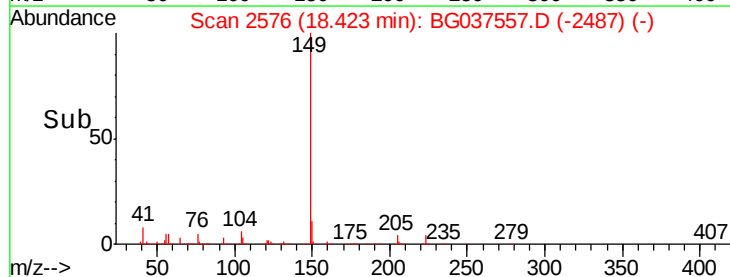


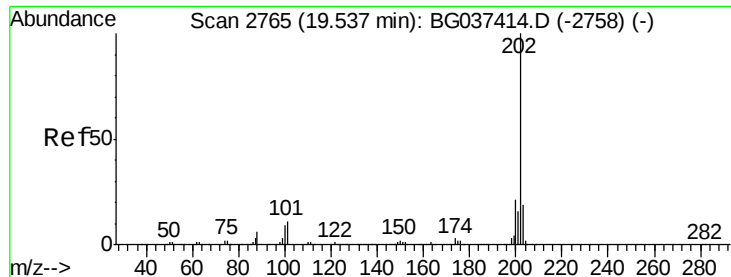
Abundance

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: 45.725 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampled :

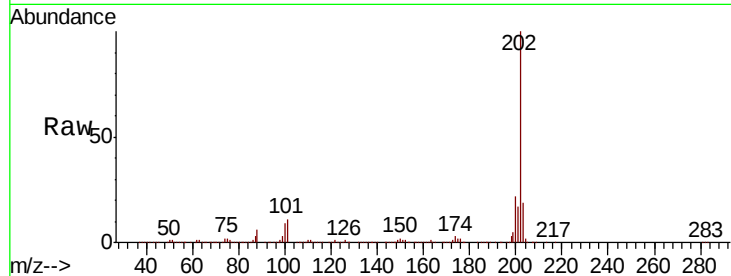
Tot Ion:202 Resp: 1251358

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

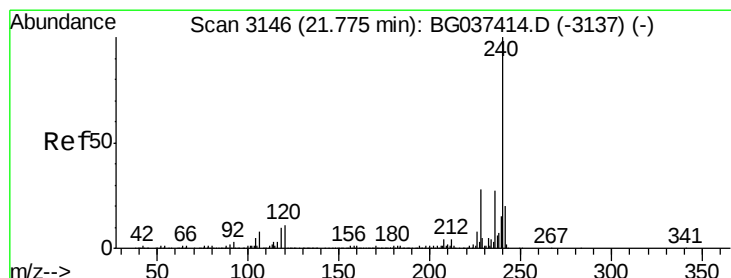
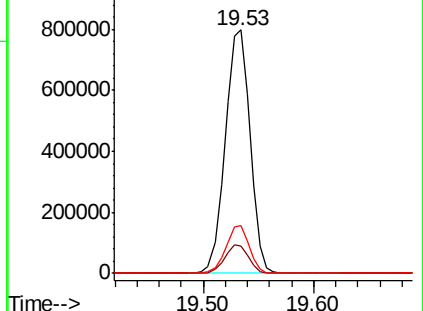
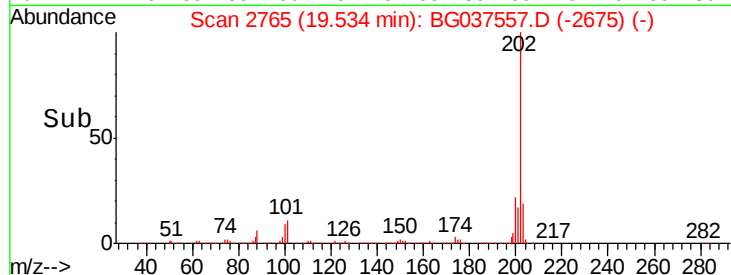
203 19.5 0.0 38.5



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: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

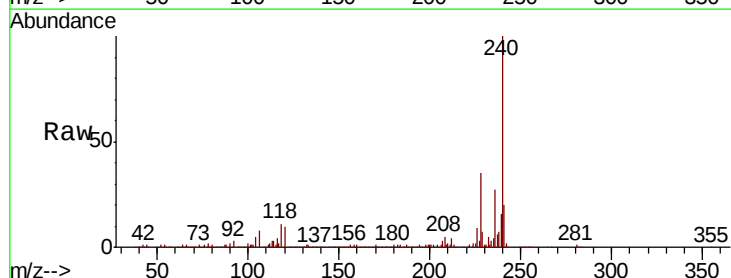
Tgt Ion:240 Resp: 405881

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

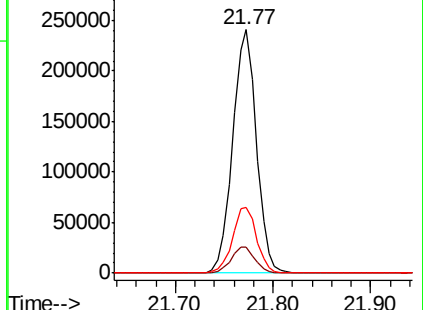
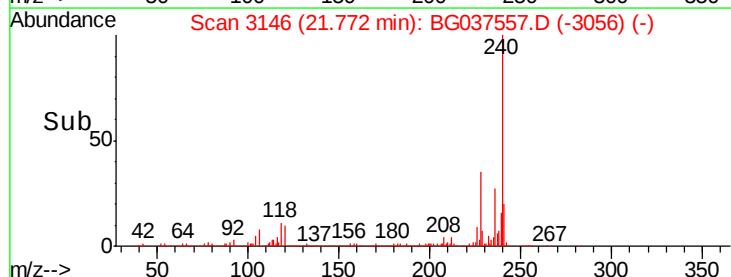
236 26.9 21.4 32.0

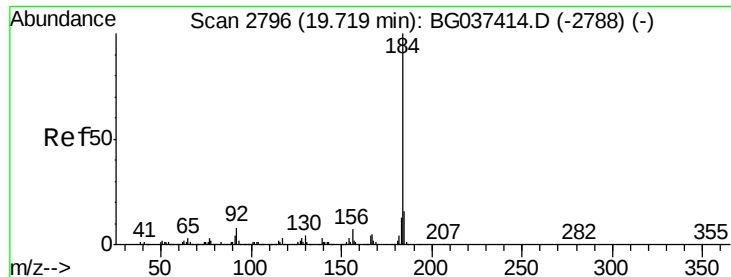


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.511 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampled :

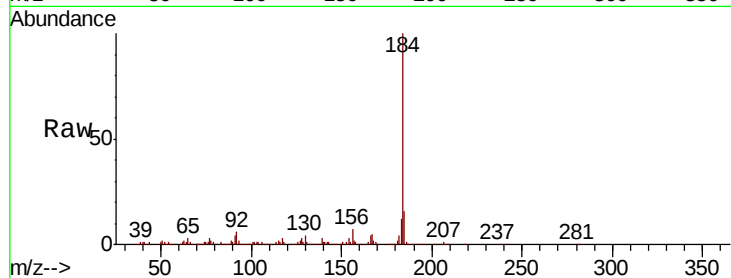
Tot Ion:184 Resp: 296873

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

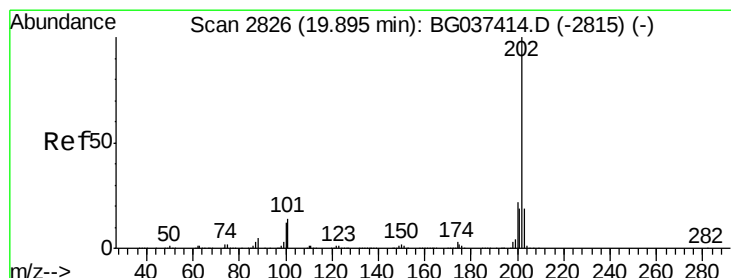
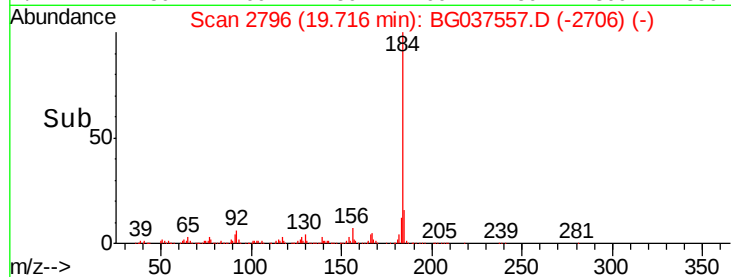
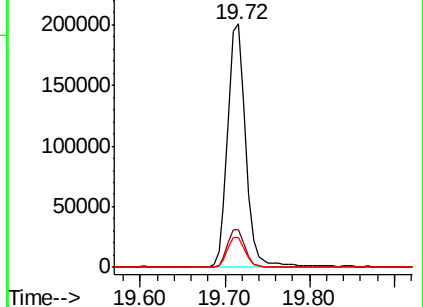
183 12.5 10.2 15.2



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: 46.797 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

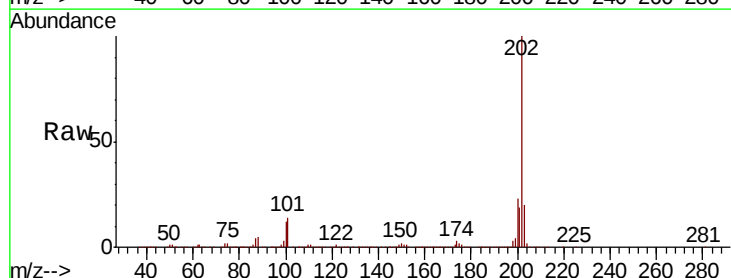
Tgt Ion:202 Resp: 1241659

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

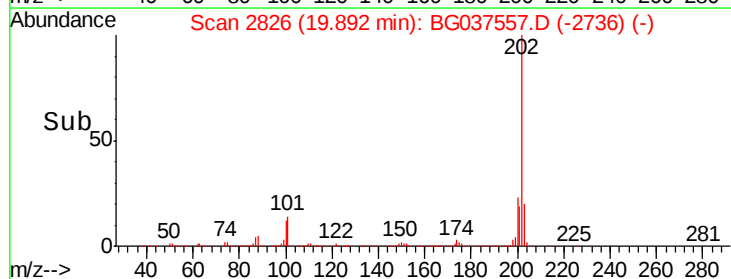
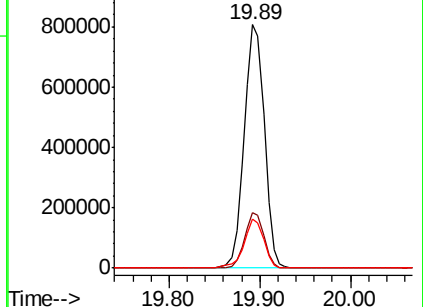
203 20.1 15.2 22.8

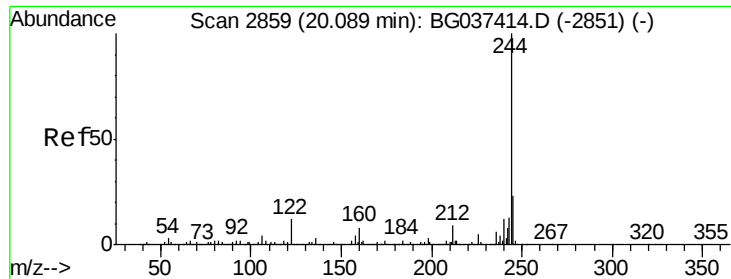


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.234 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

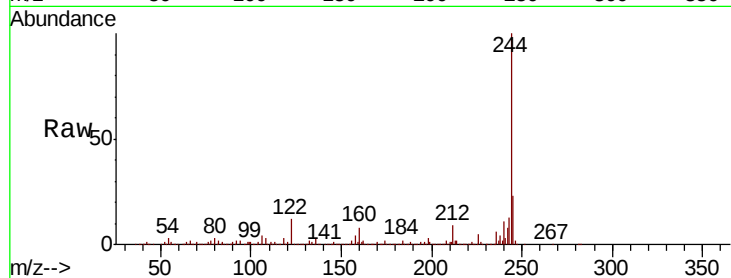
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1410085

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.7	9.0	13.4

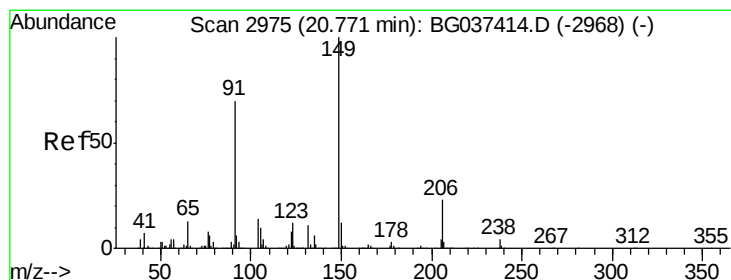
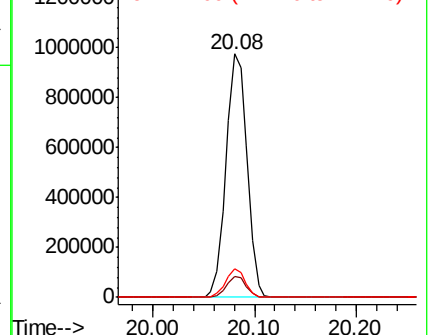
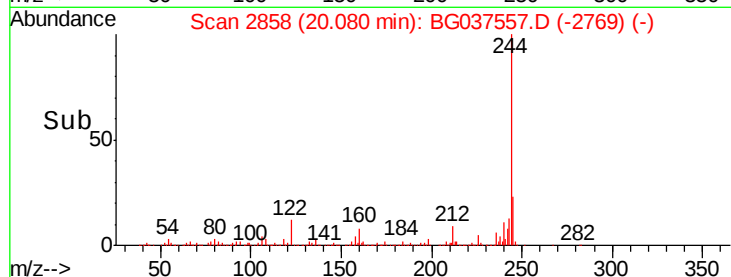


Abundance

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: 50.618 ng

RT: 20.76 min Scan# 2974

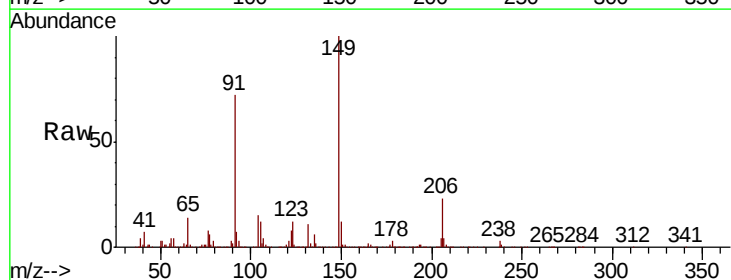
Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:149 Resp: 549662

Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.0	85.4
206	23.2	17.8	26.6

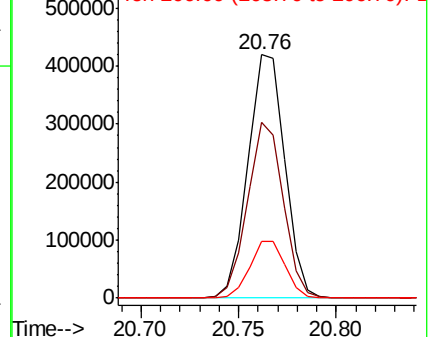
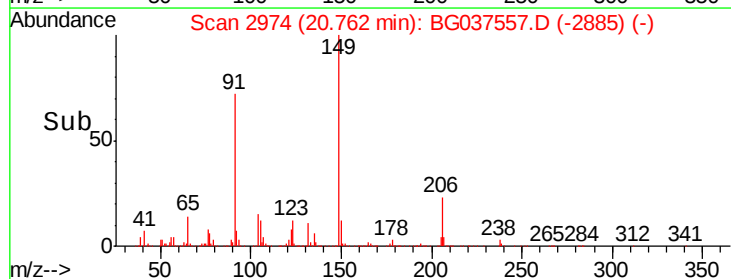


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.387 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

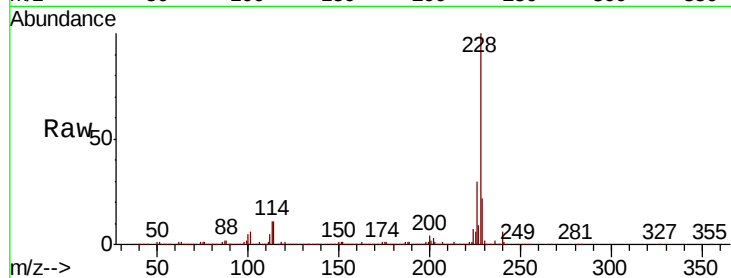
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1161643

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.7	16.3	24.5

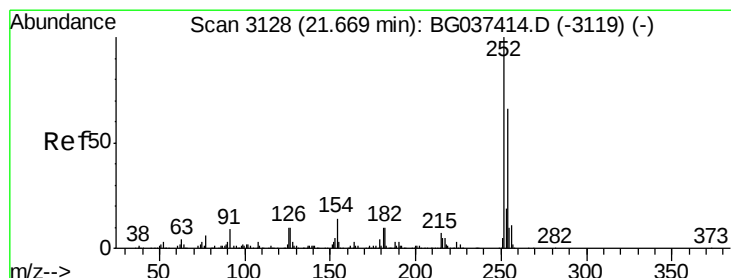
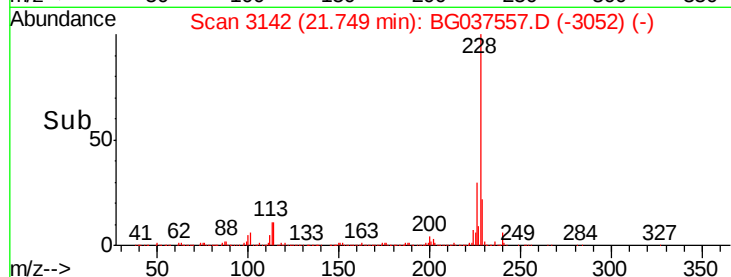
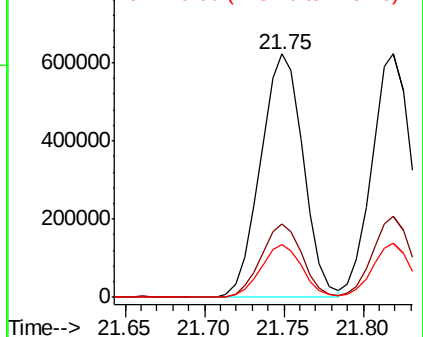


Abundance

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: 27.245 ng

RT: 21.67 min Scan# 3128

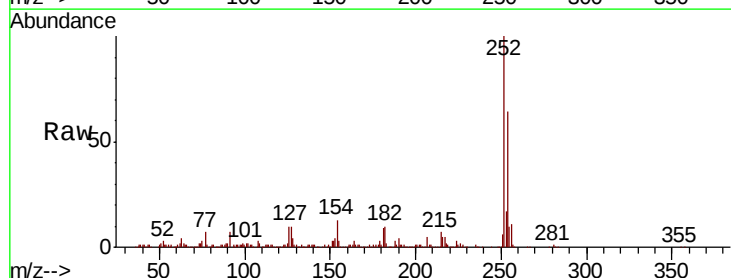
Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Tgt Ion:252 Resp: 253527

Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	10.3	8.2	12.4

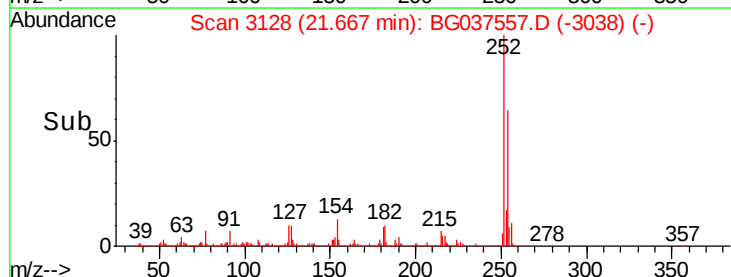
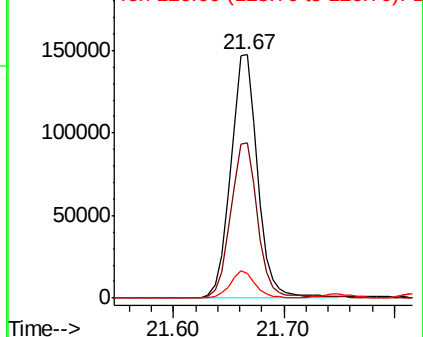


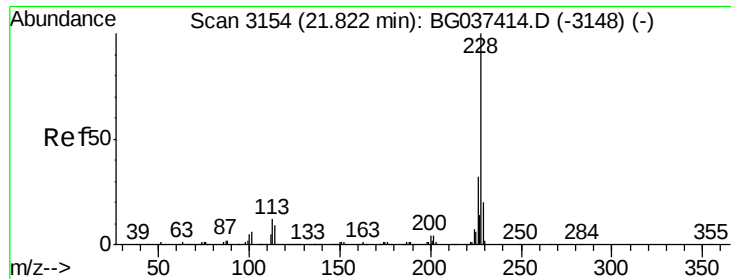
Abundance

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

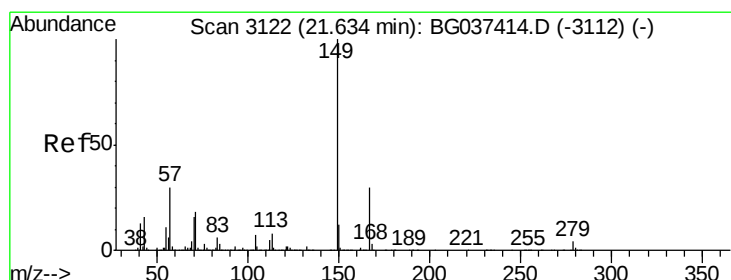
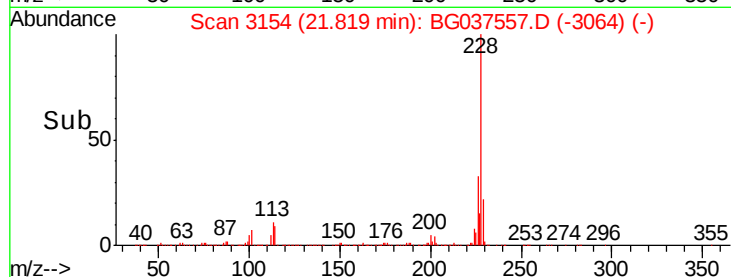
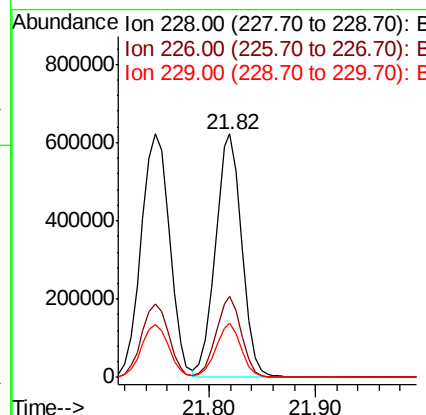
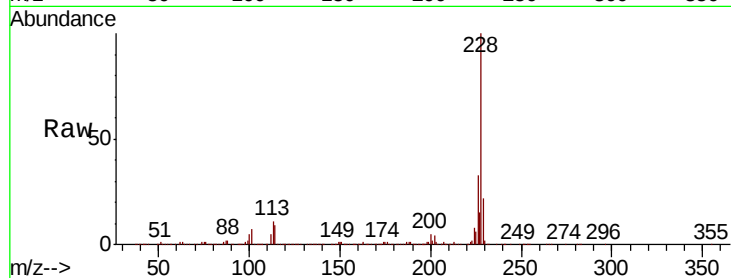




#83
Chrysene
Concen: 46.727 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

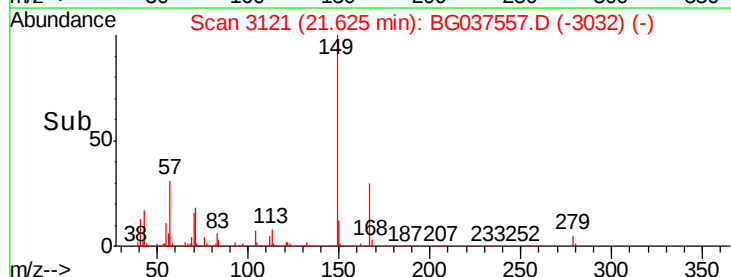
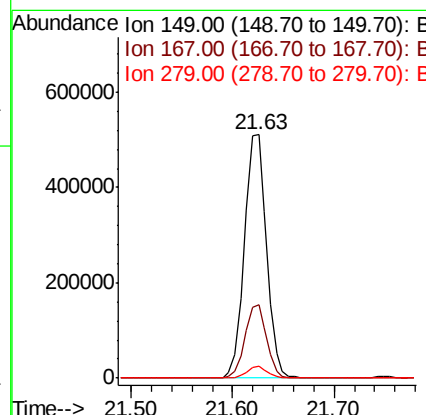
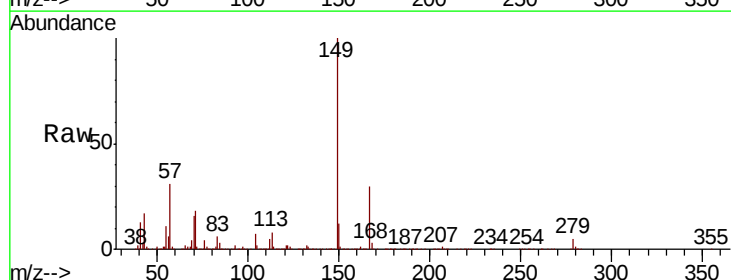
Instrument :
BNA_G
ClientSampleId :

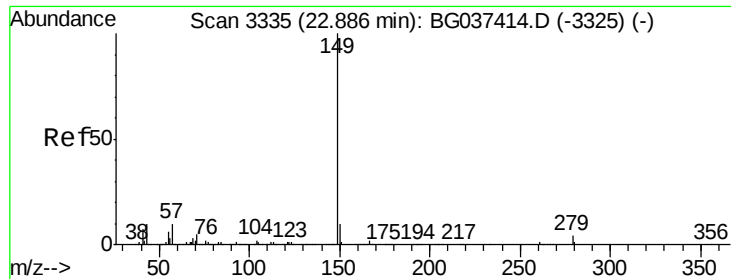
Tot Ion:228 Resp: 1078687
Ion Ratio Lower Upper
228 100
226 33.0 25.7 38.5
229 22.0 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.602 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:149 Resp: 770215
Ion Ratio Lower Upper
149 100
167 30.4 23.0 34.4
279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.933 ng

RT: 22.87 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

Instrument :

BNA_G

ClientSampleId :

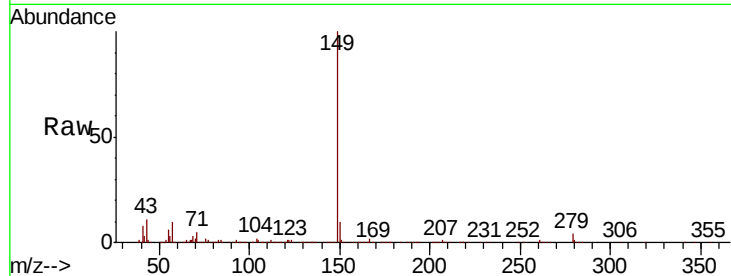
Tot Ion:149 Resp: 1288995

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

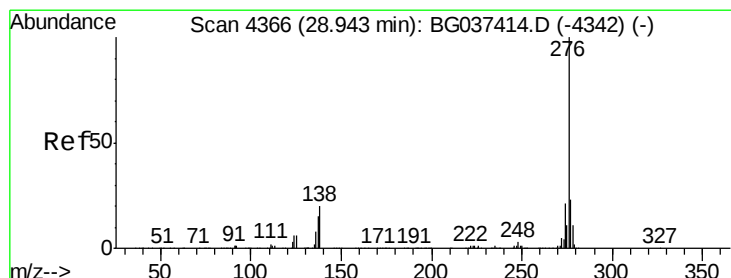
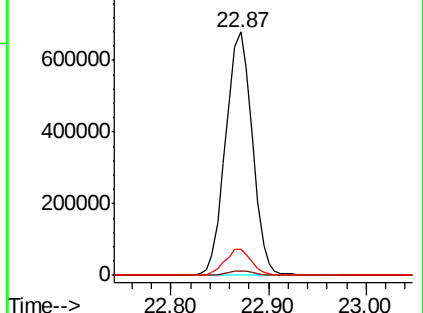
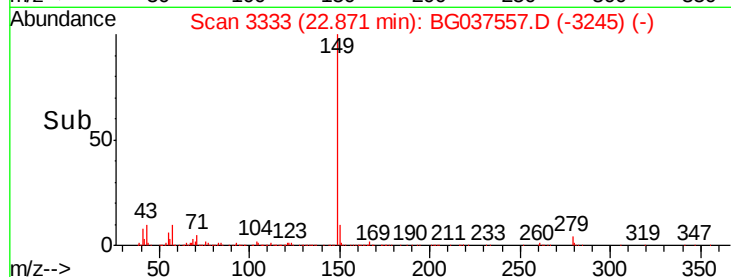
43 10.4 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.884 ng

RT: 28.94 min Scan# 4366

Delta R.T. -0.00 min

Lab File: BG037557.D

Acq: 25 Oct 2018 22:53

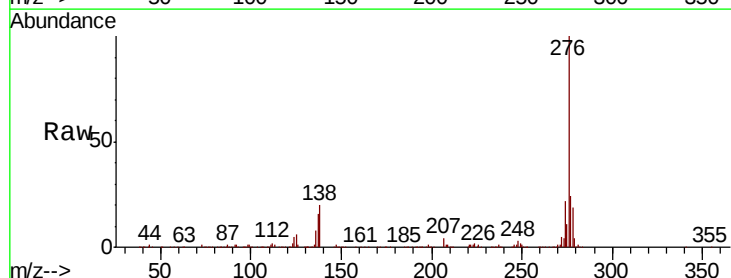
Tgt Ion:276 Resp: 1259894

Ion Ratio Lower Upper

276 100

138 15.5 12.0 18.0

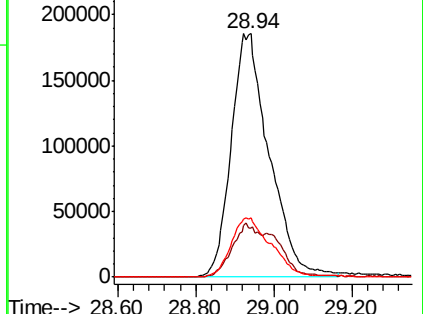
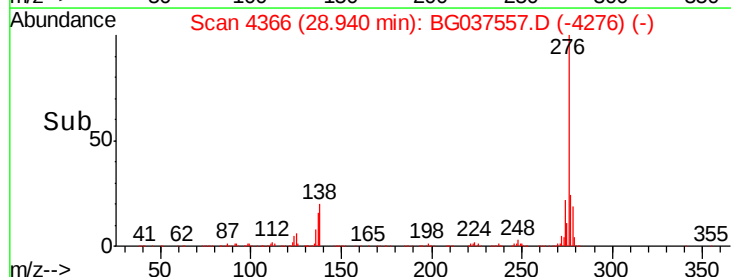
277 25.5 20.6 30.8

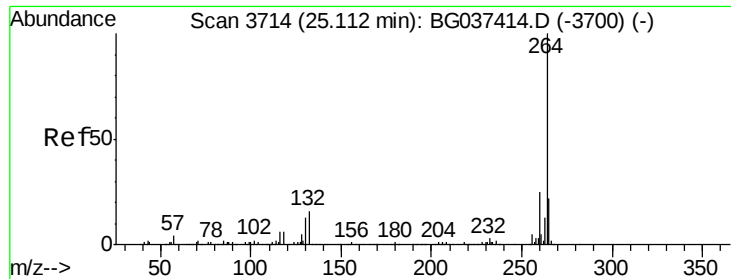


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



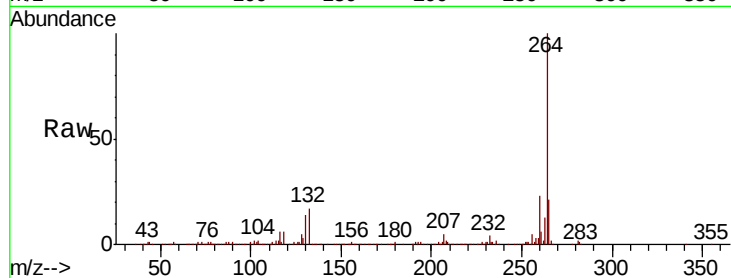


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

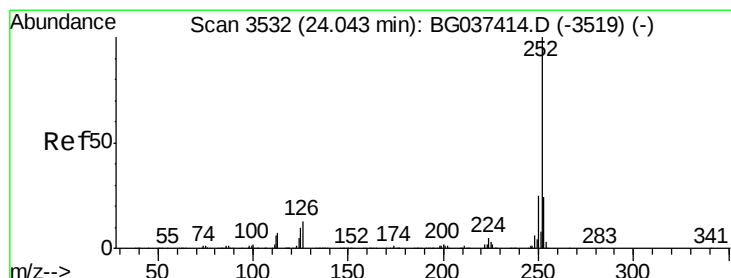
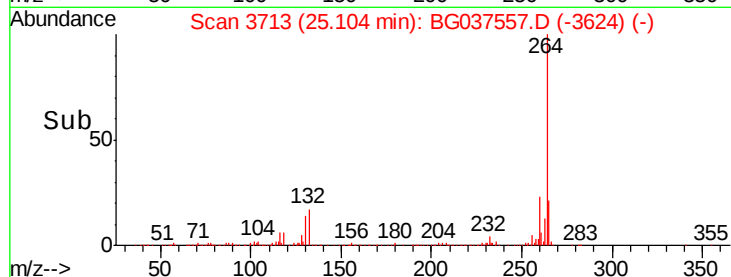
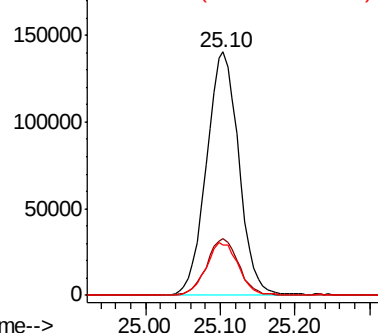
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 422595

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.9	17.9	26.9



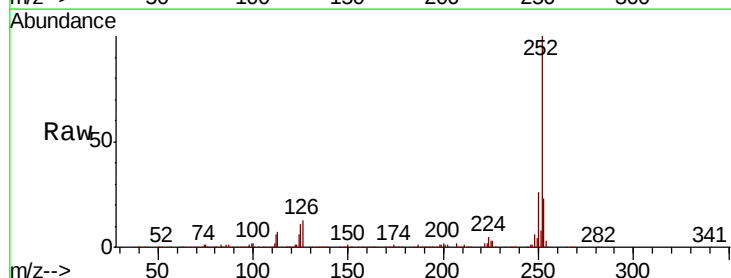
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



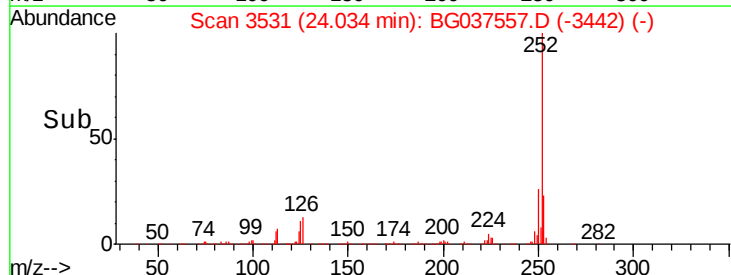
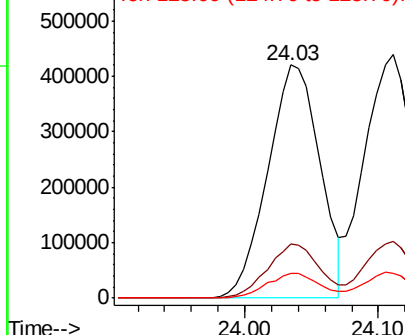
#88
Benzo(b)fluoranthene
Concen: 49.323 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:252 Resp: 1142726

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	10.7	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

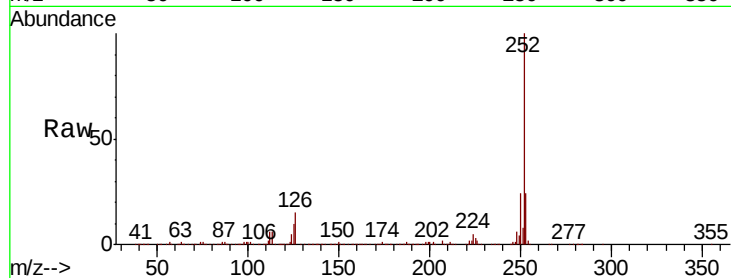




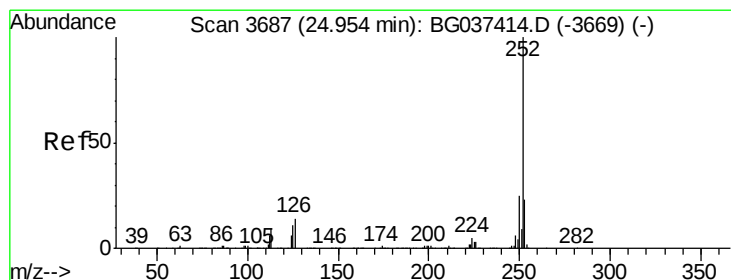
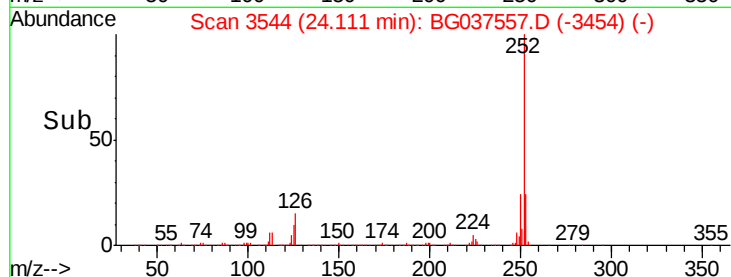
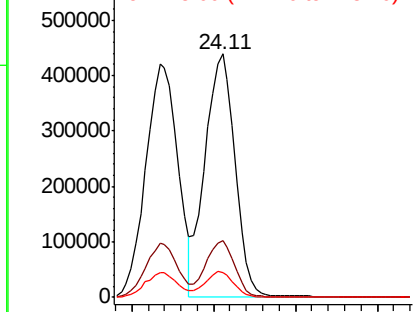
#89
Benzo(k)fluoranthene
Concen: 49.465 ng
RT: 24.11 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 1122798
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 10.2 7.4 11.0

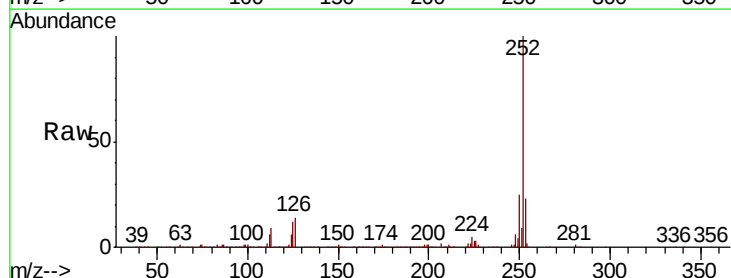


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

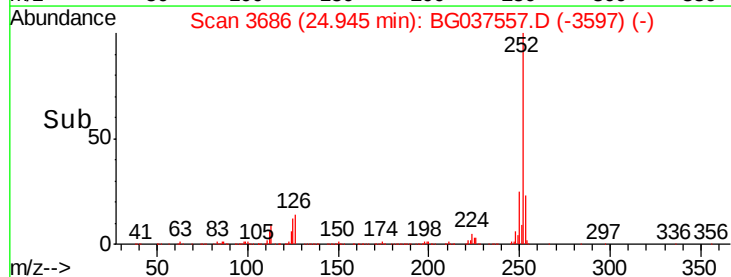
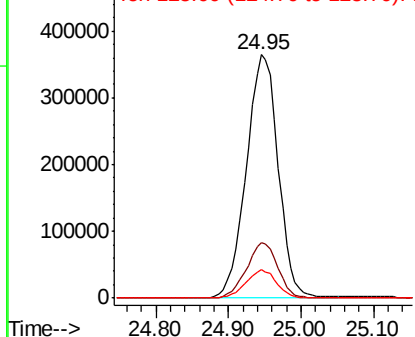


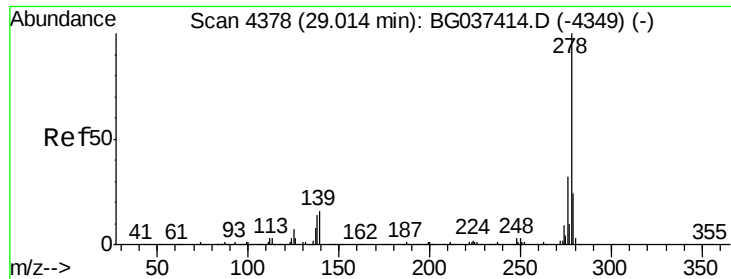
#90
Benzo(a)pyrene
Concen: 50.425 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:252 Resp: 1110120
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

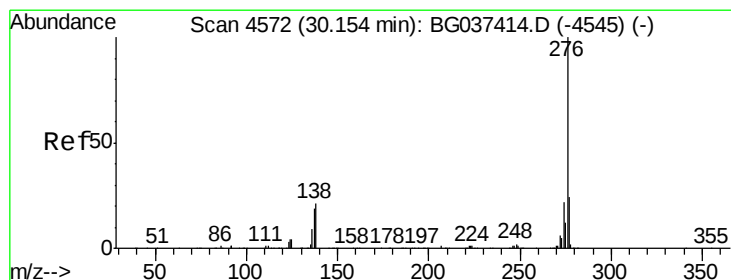
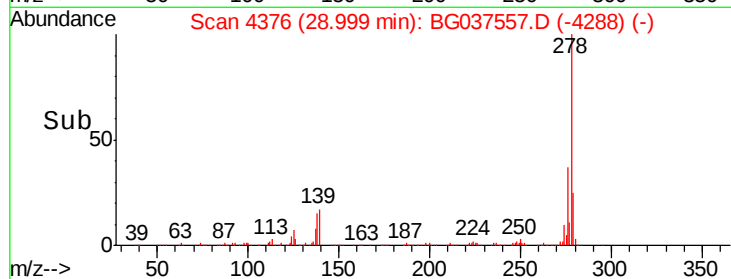
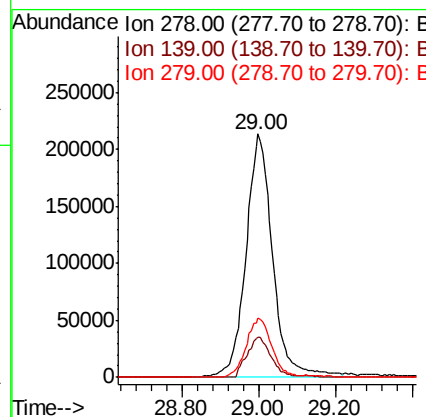
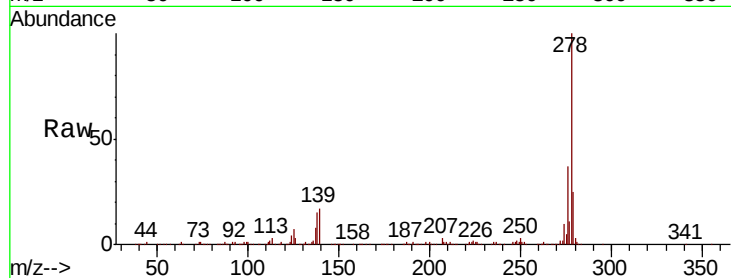




#91
Dibenzo(a,h)anthracene
Concen: 50.607 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:278 Resp: 1027693
Ion Ratio Lower Upper
278 100
139 16.6 11.5 17.3
279 24.6 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 51.077 ng
RT: 30.14 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BG037557.D
Acq: 25 Oct 2018 22:53

Tgt Ion:276 Resp: 1049382
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 21.8 17.2 25.8

