

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037690.D
 Acq On : 31 Oct 2018 18:56
 Operator : JU/SJ
 Sample : J5737-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:03:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	55831	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	247284	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	166817	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	396367	20.00	ng	0.00
76) Chrysene-d12	21.77	240	342739	20.00	ng	0.00
87) Perylene-d12	25.10	264	357966	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	383765	114.92	ng	0.00
7) Phenol-d6	7.24	99	515559	102.10	ng	0.00
23) Nitrobenzene-d5	9.28	82	358249	81.16	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	226506	124.49	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	841588	76.08	ng	-0.01
79) Terphenyl-d14	20.08	244	1272249	79.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	51253	30.264	ng	# 89
3) Pyridine	3.94	79	154372	36.166	ng	93
4) n-Nitrosodimethylamine	3.85	42	74618	49.079	ng	# 94
6) Aniline	7.43	93	79490	12.904	ng	96
8) 2-Chlorophenol	7.66	128	191499	49.018	ng	98
9) Benzaldehyde	7.24	77	150681	47.702	ng	96
10) Phenol	7.27	94	223945	42.032	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	181783	44.923	ng	97
12) 1,3-Dichlorobenzene	7.98	146	182528	41.968	ng	98
13) 1,4-Dichlorobenzene	8.14	146	184665	41.509	ng	100
14) 1,2-Dichlorobenzene	8.45	146	179983	42.057	ng	98
15) Benzyl Alcohol	8.34	79	178991	47.971	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	326785	45.133	ng	97
17) 2-Methylphenol	8.54	107	173006	49.116	ng	99
18) Hexachloroethane	9.18	117	65779	43.370	ng	95
19) n-Nitroso-di-n-propylamine	8.91	70	152979	43.994	ng	95
20) 3+4-Methylphenols	8.87	107	240142	47.684	ng	98
22) Acetophenone	8.93	105	290693	46.873	ng	# 96
24) Nitrobenzene	9.32	77	222689	48.561	ng	94
25) Isophorone	9.84	82	443076	54.934	ng	97
26) 2-Nitrophenol	10.03	139	111081	53.770	ng	98
27) 2,4-Dimethylphenol	10.08	122	204149	55.347	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	264461	50.045	ng	98
29) 2,4-Dichlorophenol	10.56	162	214051	52.120	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	199827	44.743	ng	95
31) Naphthalene	10.98	128	604412	49.762	ng	100
32) Benzoic acid	10.19	122	100938	42.132	ng	99
33) 4-Chloroaniline	11.08	127	15912	2.788	ng	# 90
34) Hexachlorobutadiene	11.23	225	117520	44.398	ng	95
35) Caprolactam	11.87	113	42138	25.583	ng	96
36) 4-Chloro-3-methylphenol	12.19	107	238164	51.422	ng	97
37) 2-Methylnaphthalene	12.57	142	462501	52.237	ng	99
38) 1-Methylnaphthalene	12.79	142	442091	51.415	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	236672	43.985	ng	99

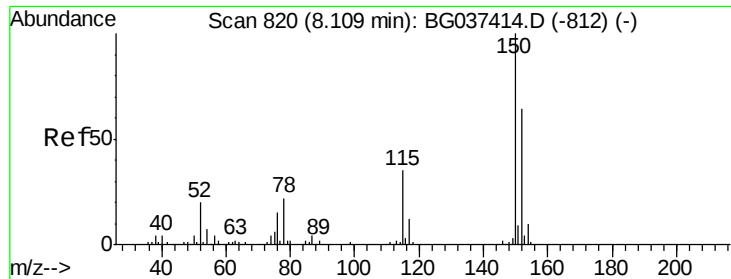
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	239938	93.352	ng	99
43) 2,4,6-Trichlorophenol	13.17	196	183395	51.017	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	202897	51.840	ng	96
46) 1,1'-Biphenyl	13.57	154	604027	43.722	ng	98
47) 2-Chloronaphthalene	13.62	162	480775	45.999	ng	99
48) 2-Nitroaniline	13.83	65	165000	52.058	ng	94
49) Acenaphthylene	14.47	152	790704	50.291	ng	98
50) Dimethylphthalate	14.18	163	634794	49.189	ng	99
51) 2,6-Dinitrotoluene	14.32	165	146065	51.163	ng	93
52) Acenaphthene	14.80	154	460049	47.511	ng	99
53) 3-Nitroaniline	14.65	138	39232	12.379	ng	88
54) 2,4-Dinitrophenol	14.85	184	74406	66.299	ng	97
55) Dibenzofuran	15.14	168	747405	46.588	ng	99
56) 4-Nitrophenol	14.94	139	276751	117.970	ng	99
57) 2,4-Dinitrotoluene	15.10	165	203951	54.423	ng	# 95
58) Fluorene	15.78	166	610601	50.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	172343	51.429	ng	99
60) Diethylphthalate	15.54	149	653975	49.359	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	323067	46.136	ng	98
62) 4-Nitroaniline	15.81	138	152617	48.461	ng	91
63) Azobenzene	16.06	77	613924	48.565	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	79441	39.932	ng	94
66) n-Nitrosodiphenylamine	15.99	169	558194	46.817	ng	98
67) 4-Bromophenyl-phenylether	16.66	248	205290	47.163	ng	98
68) Hexachlorobenzene	16.77	284	204517	45.335	ng	100
69) Atrazine	16.93	200	209897	48.692	ng	99
70) Pentachlorophenol	17.12	266	214416	70.957	ng	97
71) Phenanthrene	17.53	178	990128	49.151	ng	99
72) Anthracene	17.61	178	1001044	50.637	ng	97
73) Carbazole	17.89	167	911265	46.082	ng	99
74) Di-n-butylphthalate	18.43	149	1090201	49.559	ng	100
75) Fluoranthene	19.53	202	1133207	49.598	ng	98
77) Benzidine	19.71	184	135072	11.590	ng	99
78) Pyrene	19.89	202	1134293	50.626	ng	99
80) Butylbenzylphthalate	20.76	149	494195	53.895	ng	96
81) Benzo(a)anthracene	21.75	228	1054830	52.032	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	118582	15.091	ng	99
83) Chrysene	21.82	228	990702	50.822	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	683940	53.212	ng	97
85) Di-n-octyl phthalate	22.87	149	1149841	54.861	ng	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	964555	46.133	ng	96
88) Benzo(b)fluoranthene	24.03	252	1007375	51.331	ng	99
89) Benzo(k)fluoranthene	24.11	252	1029892	53.564	ng	98
90) Benzo(a)pyrene	24.94	252	982259	52.673	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	783511	45.549	ng	98
92) Benzo(g,h,i)perylene	30.13	276	767997	44.130	ng	99

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

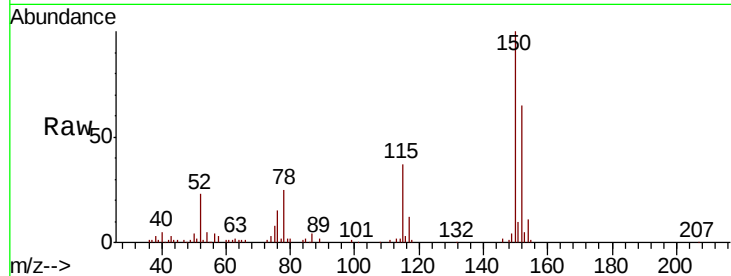


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.0	189.0
115	57.1	45.5	68.3

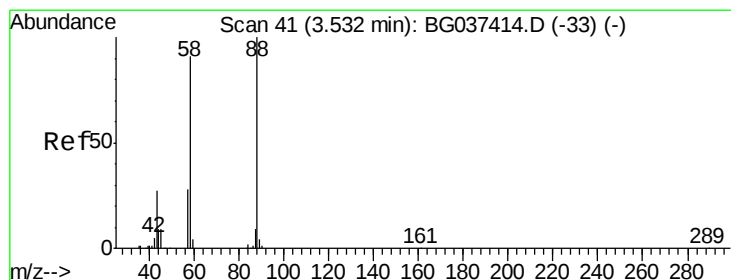
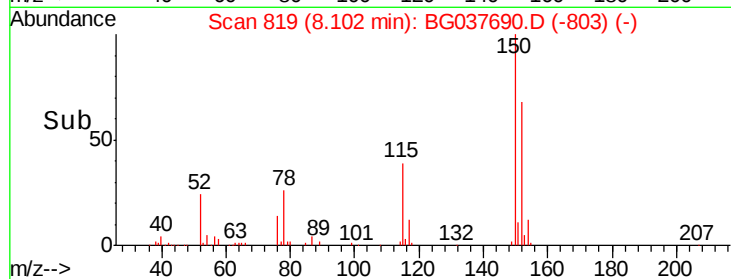
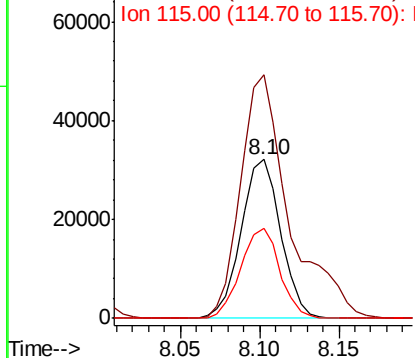


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

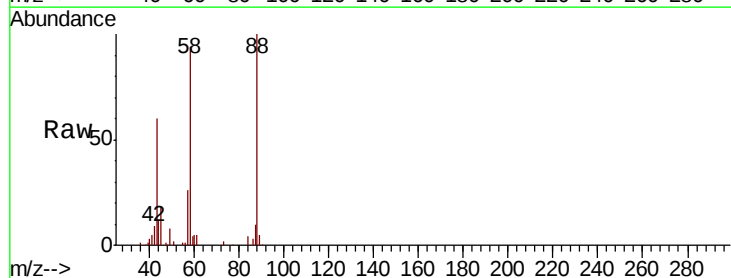
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.264 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.2	74.4	111.6
43	53.1	25.8	38.8#

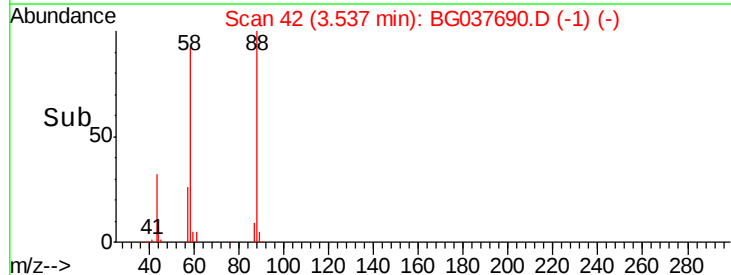
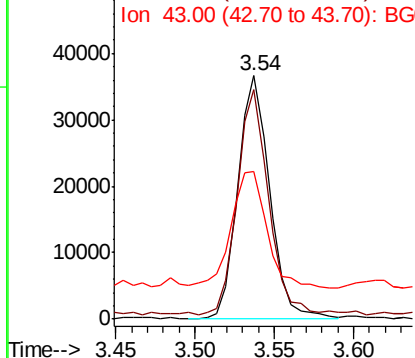


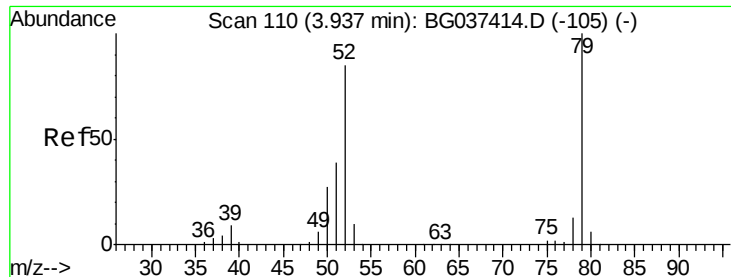
Abundance

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: 36.166 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

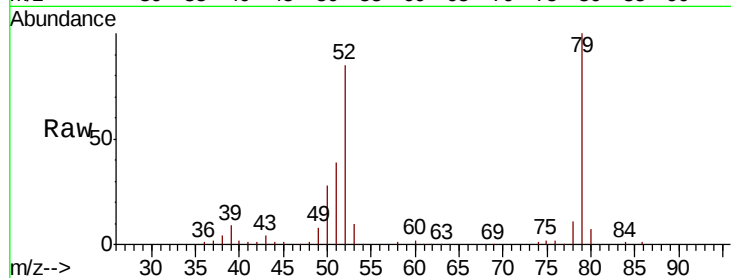
Tot Ion: 79 Resp: 154372

Ion Ratio Lower Upper

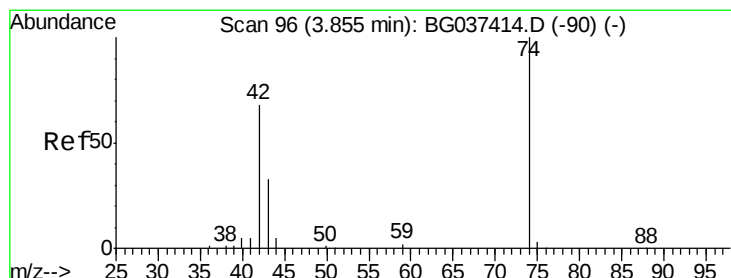
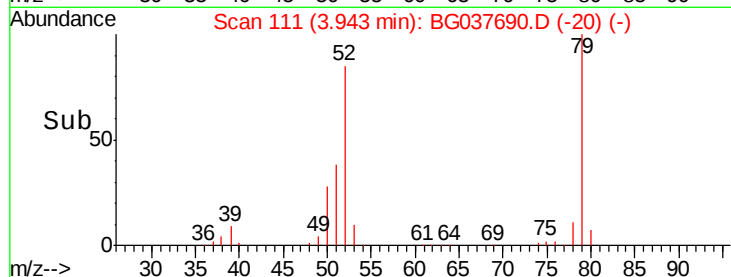
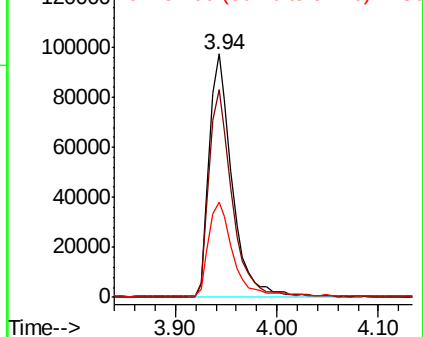
79 100

52 85.1 74.2 111.2

51 39.3 34.6 51.8



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



#4

n-Nitrosodimethylamine

Concen: 49.079 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

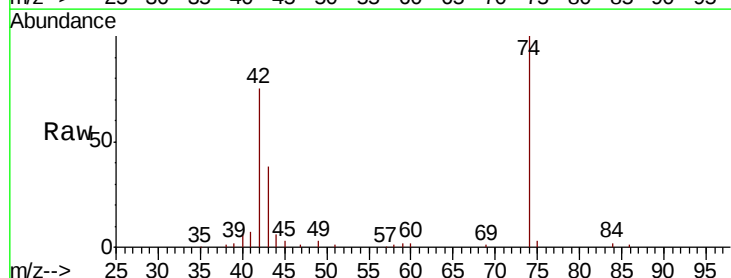
Tgt Ion: 42 Resp: 74618

Ion Ratio Lower Upper

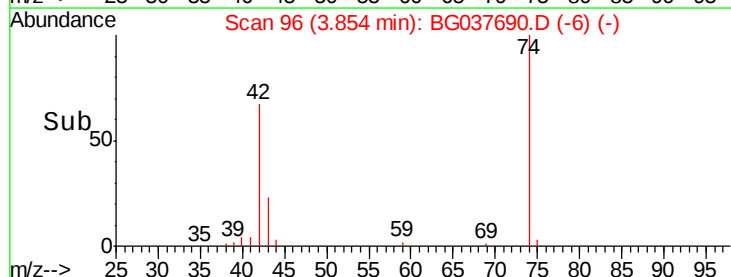
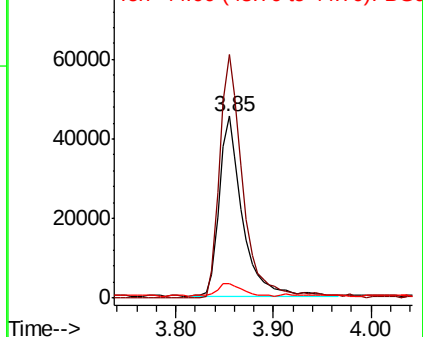
42 100

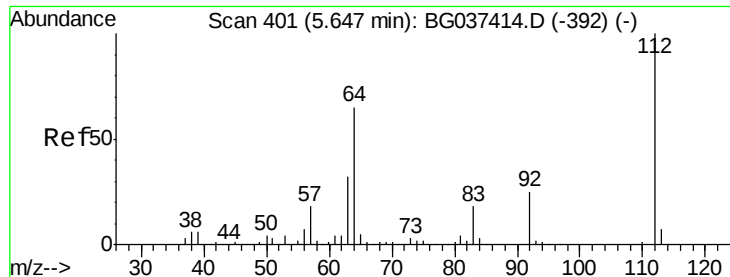
74 133.8 102.0 153.0

44 7.9 9.6 14.4#



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





#5

2-Fluorophenol

Concen: 114.918 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

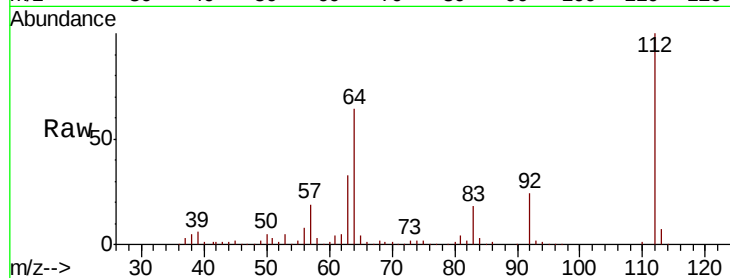
Tot Ion: 112 Resp: 383765

Ion Ratio Lower Upper

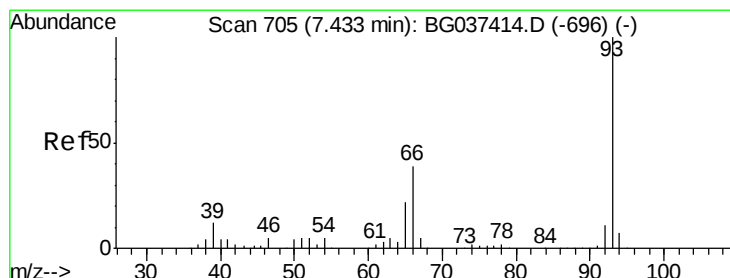
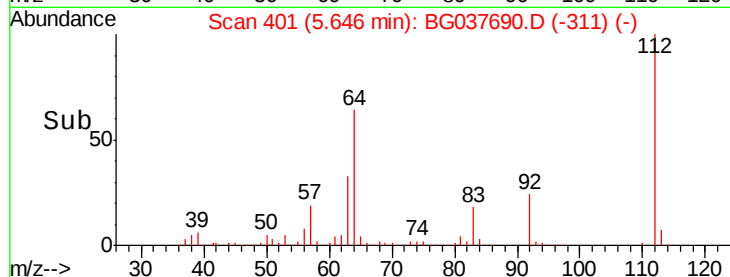
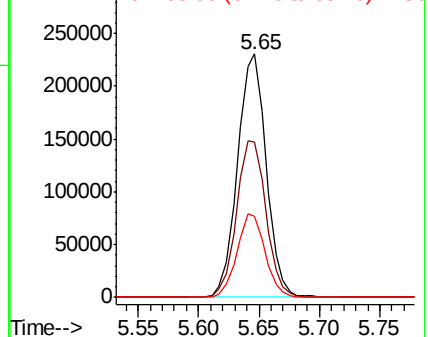
112 100

64 63.9 53.1 79.7

63 33.5 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: 12.904 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

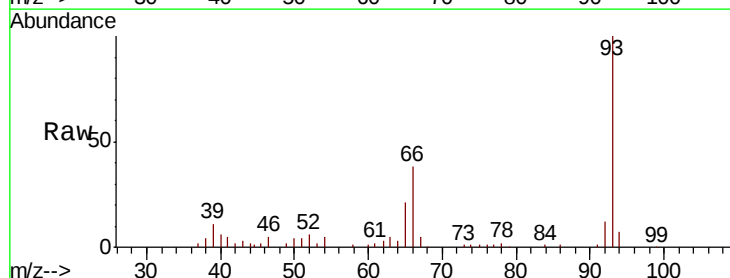
Tgt Ion: 93 Resp: 79490

Ion Ratio Lower Upper

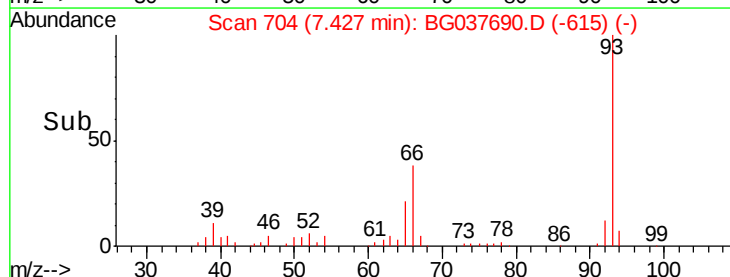
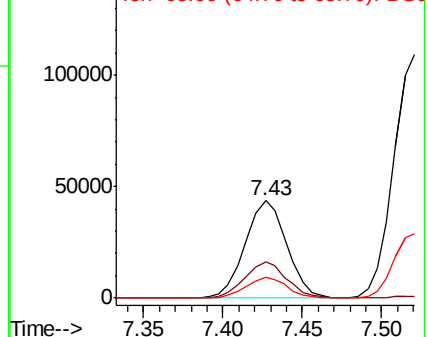
93 100

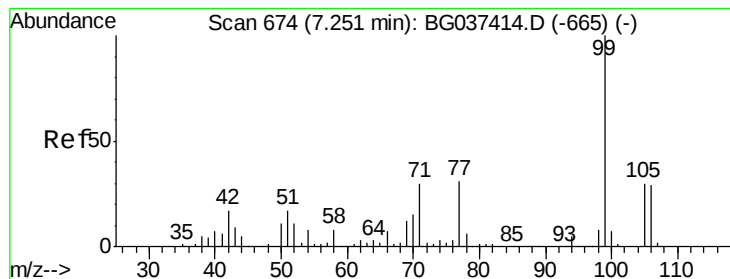
66 37.7 32.8 49.2

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: 102.097 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

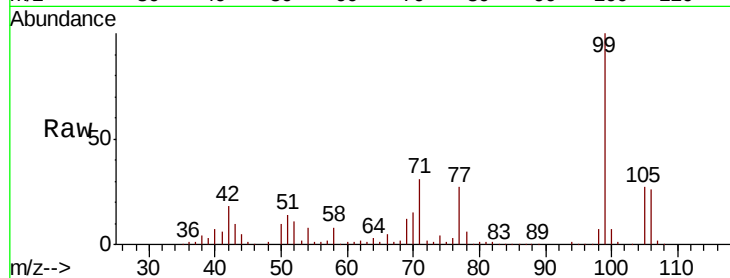
Tot Ion: 99 Resp: 515559

Ion Ratio Lower Upper

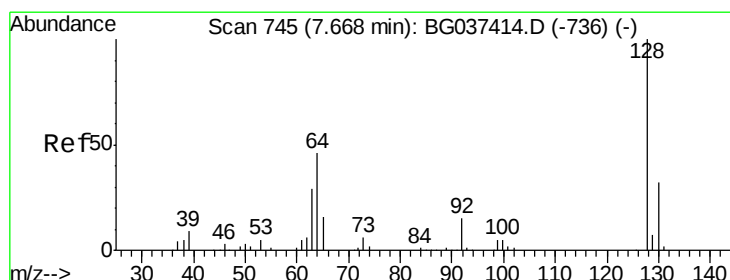
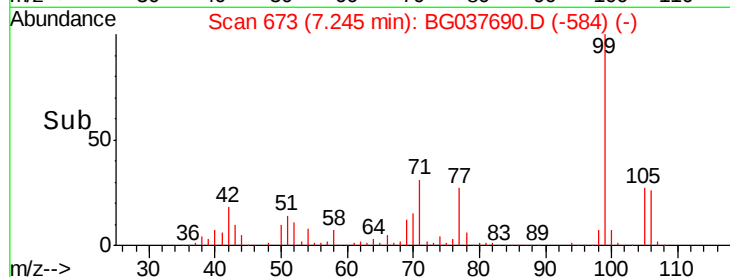
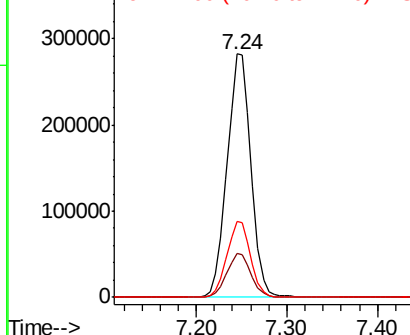
99 100

42 17.9 15.0 22.4

71 31.1 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: 49.018 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

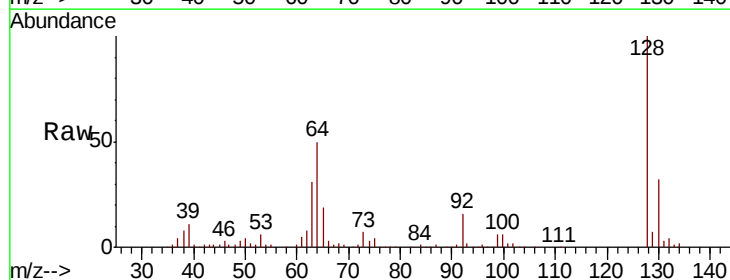
Tgt Ion: 128 Resp: 191499

Ion Ratio Lower Upper

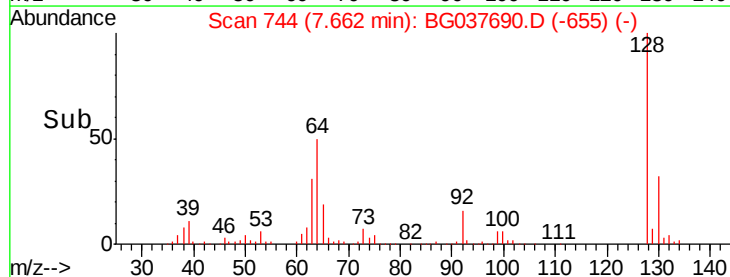
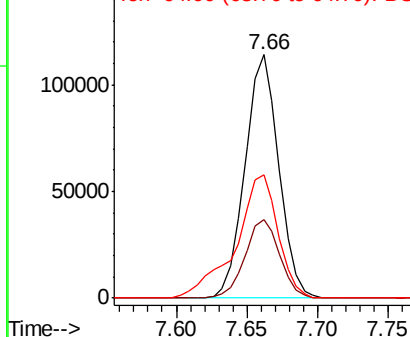
128 100

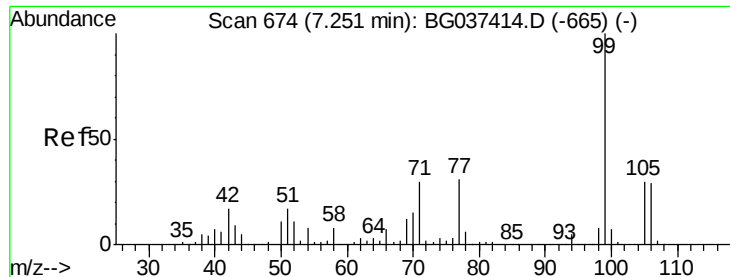
130 32.3 12.0 52.0

64 50.5 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: 47.702 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

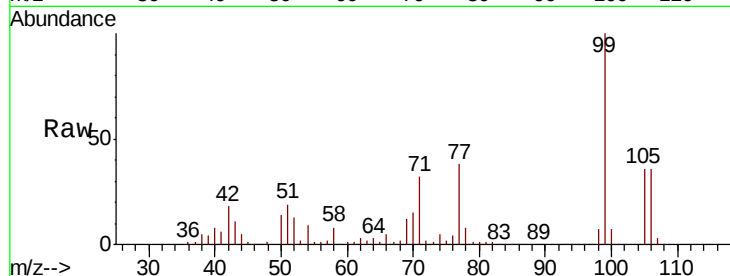
Tot Ion: 77 Resp: 150681

Ion Ratio Lower Upper

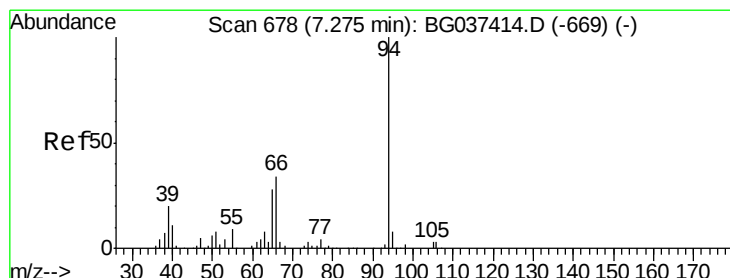
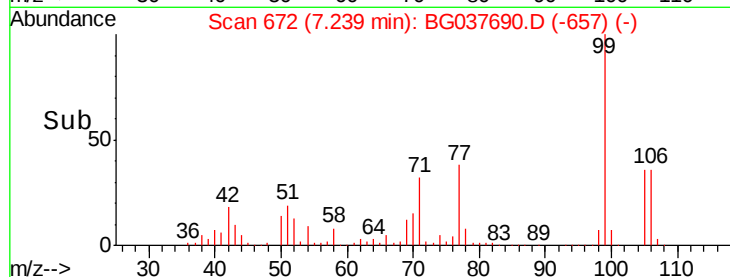
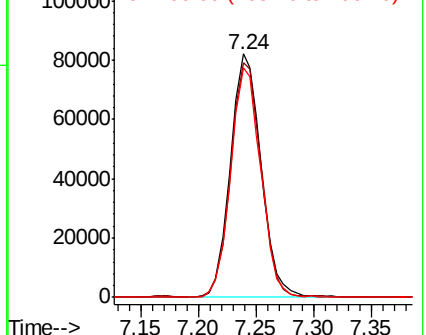
77 100

105 96.6 72.6 112.6

106 94.5 71.3 111.3



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



#10

Phenol

Concen: 42.032 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

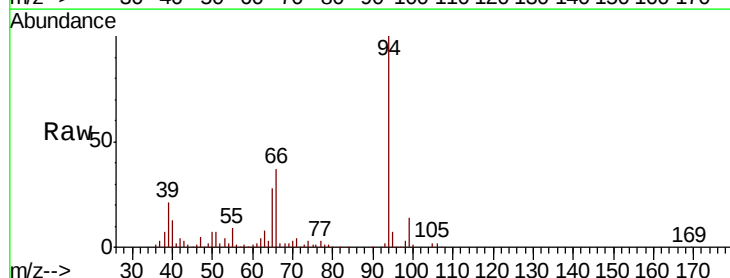
Tgt Ion: 94 Resp: 223945

Ion Ratio Lower Upper

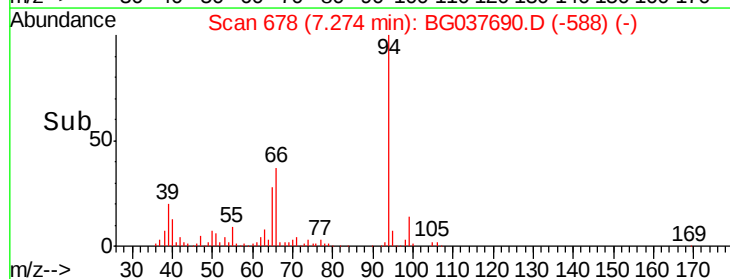
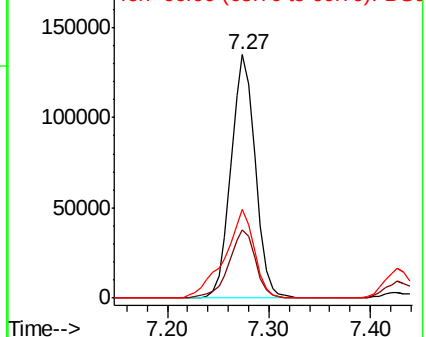
94 100

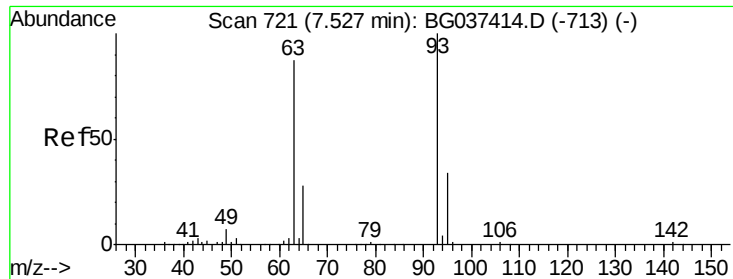
65 28.2 9.7 49.7

66 36.6 15.9 55.9



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



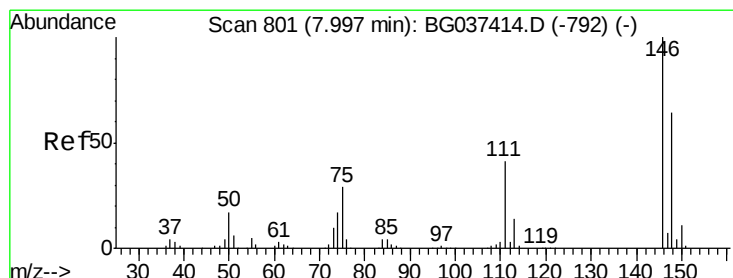
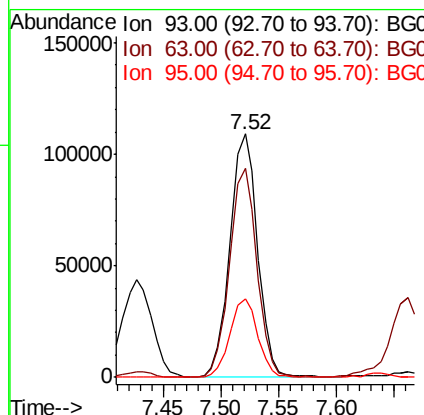
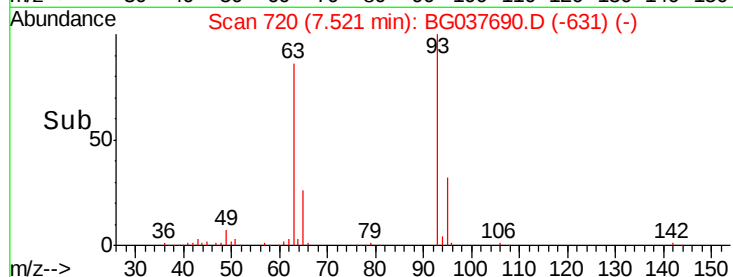
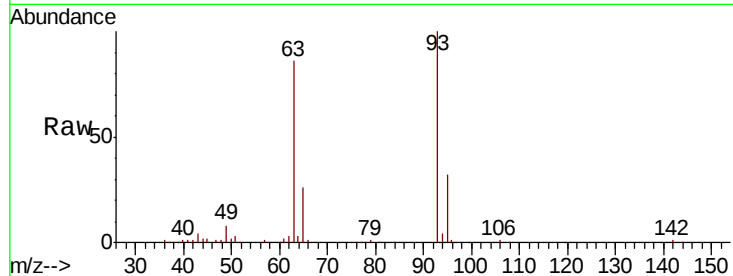


#11

bis(2-Chloroethyl)ether
Concen: 44.923 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampled :

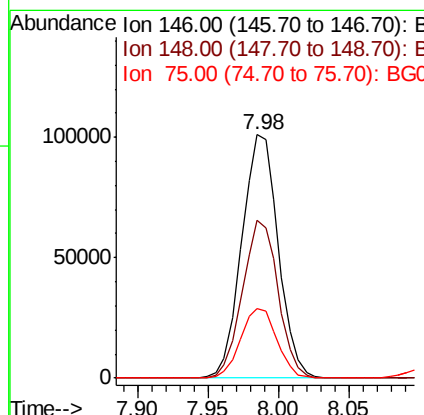
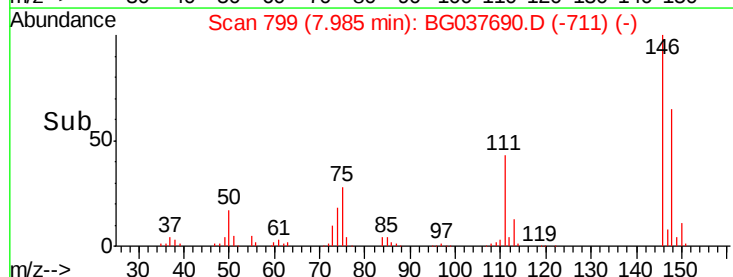
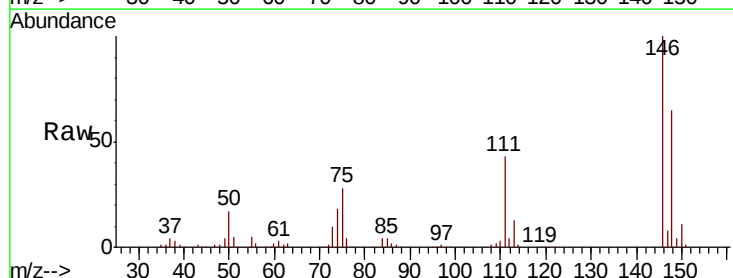
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	69.5	109.5
95	32.2	12.6	52.6

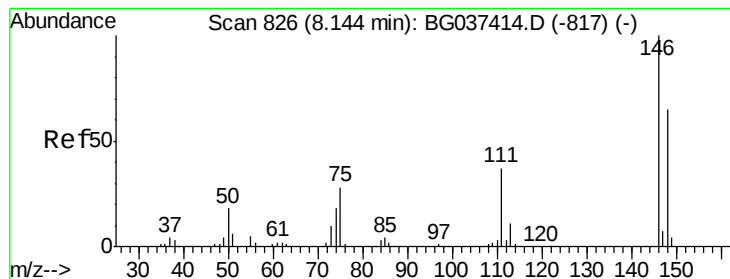


#12

1,3-Dichlorobenzene
Concen: 41.968 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.8
75	28.4	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 41.509 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

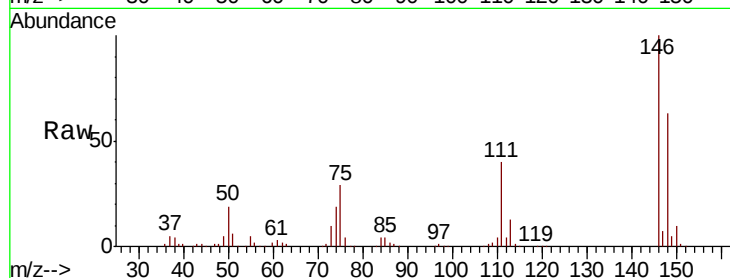
Tot Ion:146 Resp: 184665

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

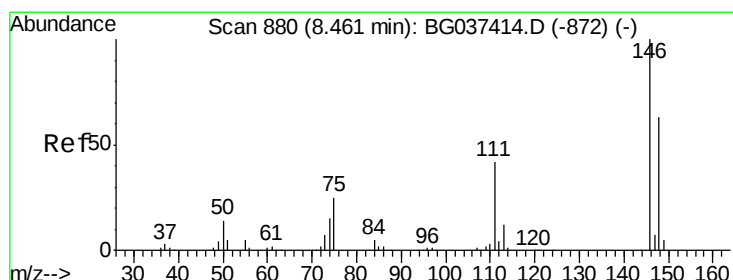
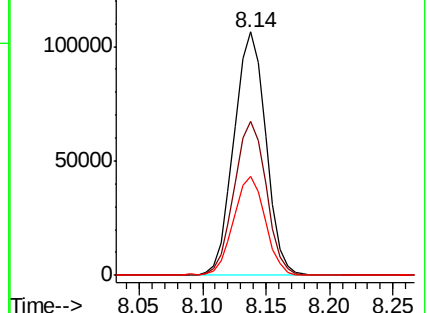
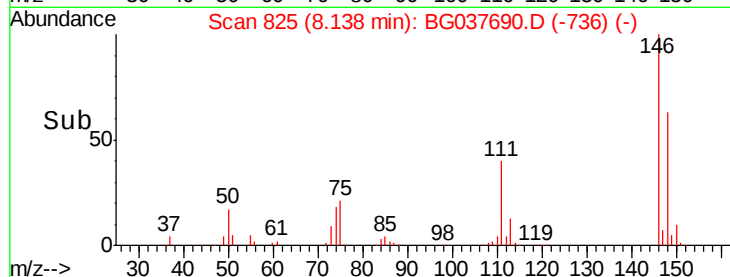
111 40.5 32.4 48.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.057 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

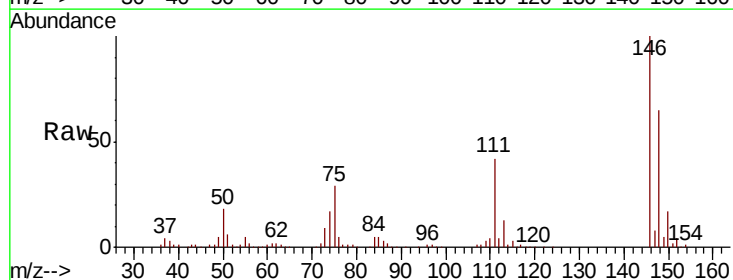
Tgt Ion:146 Resp: 179983

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

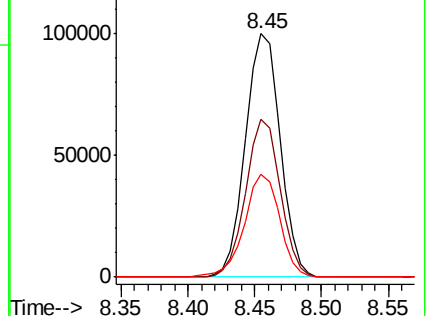
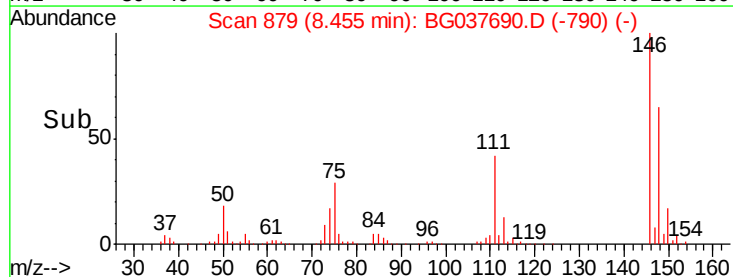
111 42.0 34.6 51.8

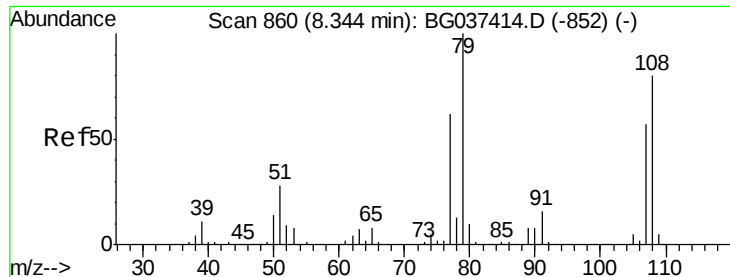


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.971 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

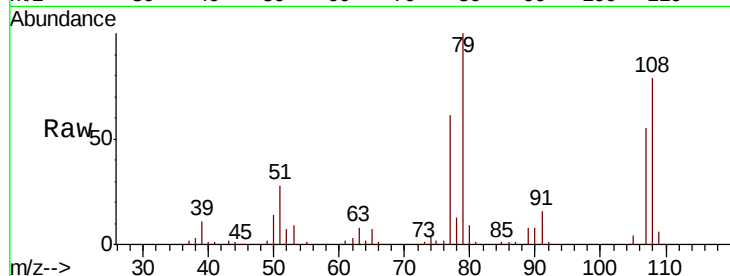
Tot Ion: 79 Resp: 178991

Ion Ratio Lower Upper

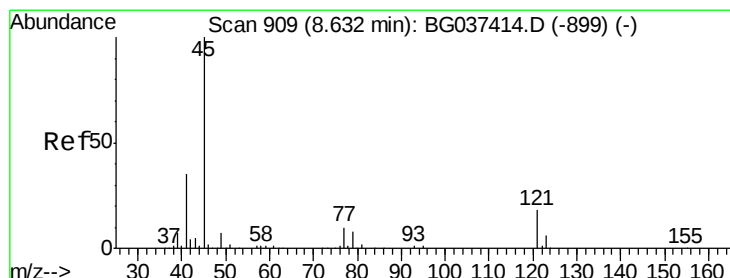
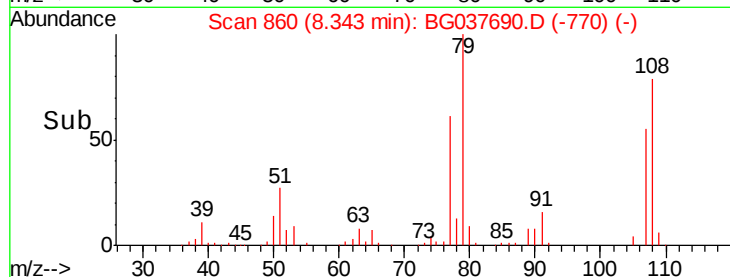
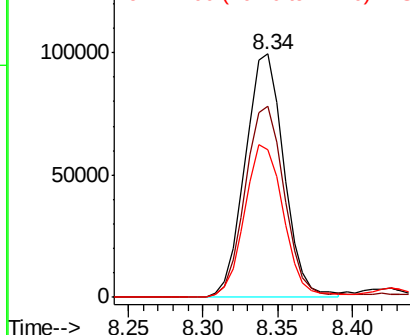
79 100

108 78.5 65.8 98.8

77 60.6 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.133 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

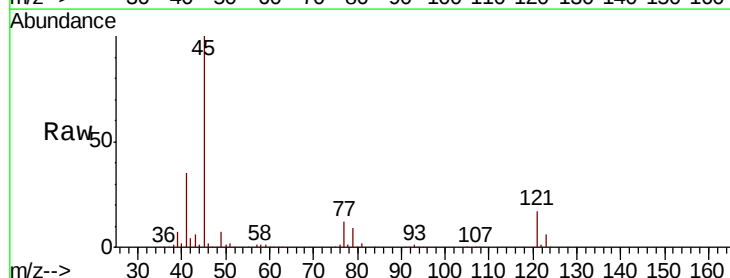
Tgt Ion: 45 Resp: 326785

Ion Ratio Lower Upper

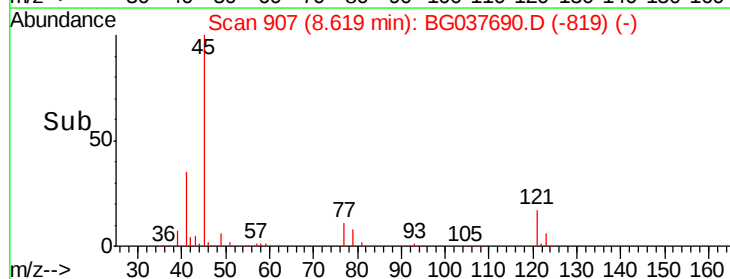
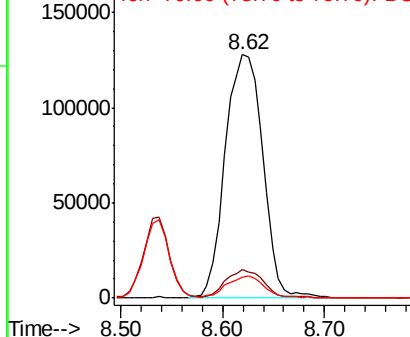
45 100

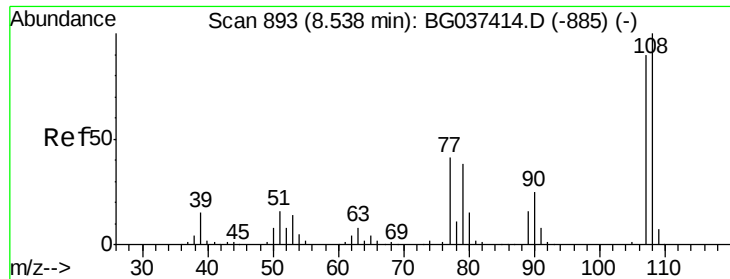
77 11.6 0.0 30.0

79 8.8 0.0 29.0



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

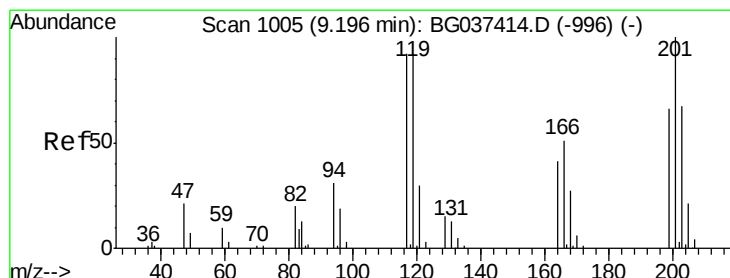
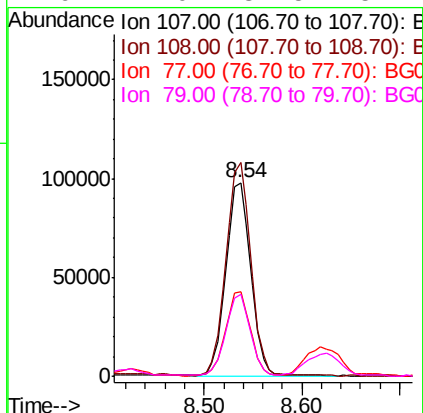
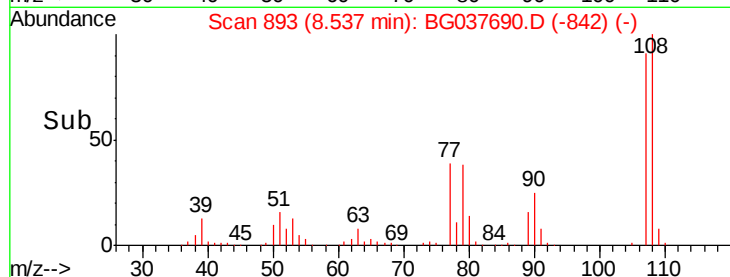
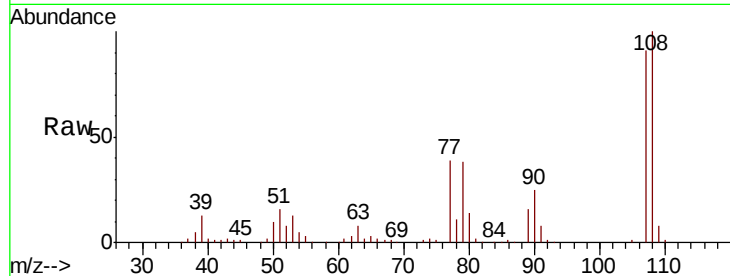




#17
2-Methylphenol
Concen: 49.116 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

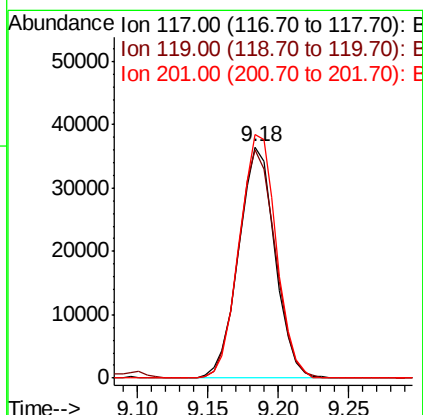
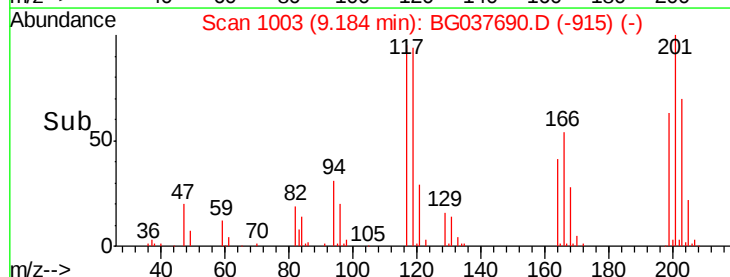
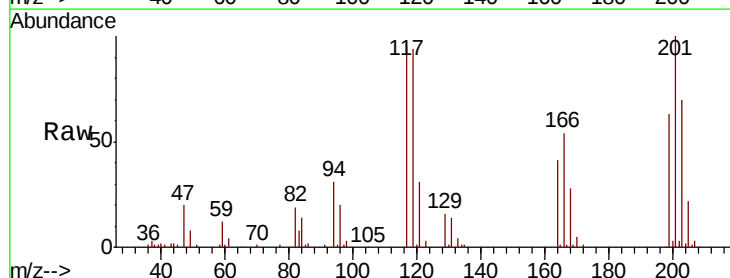
Instrument :
BNA_G
ClientSampleId :

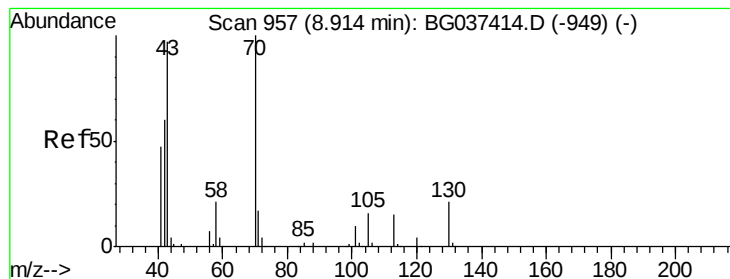
Tot Ion:	107	Resp:	173006
Ion	Ratio	Lower	Upper
107	100		
108	110.3	87.9	131.9
77	43.4	35.1	52.7
79	42.0	34.5	51.7



#18
Hexachloroethane
Concen: 43.370 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:	117	Resp:	65779
Ion	Ratio	Lower	Upper
117	100		
119	99.0	74.6	111.8
201	105.4	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 43.994 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 152979

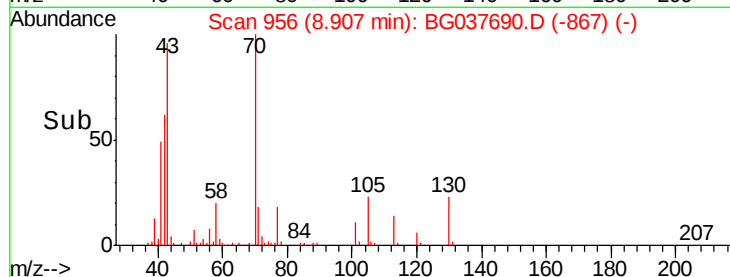
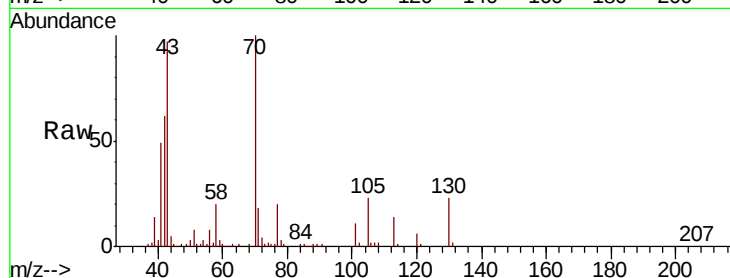
Ion Ratio Lower Upper

70 100

42 61.9 53.9 80.9

101 10.6 8.2 12.2

130 23.0 18.2 27.4

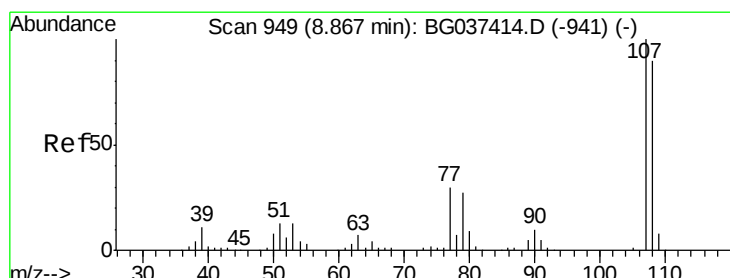
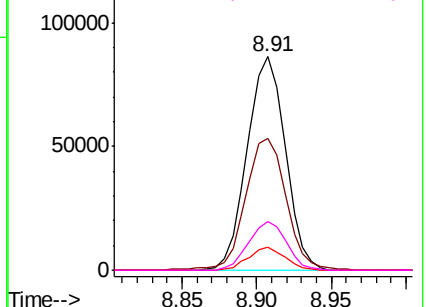


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 47.684 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Tgt Ion: 107 Resp: 240142

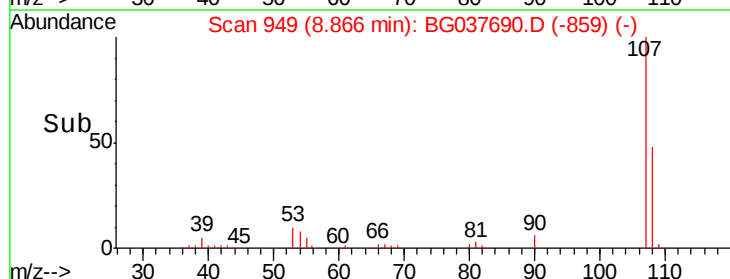
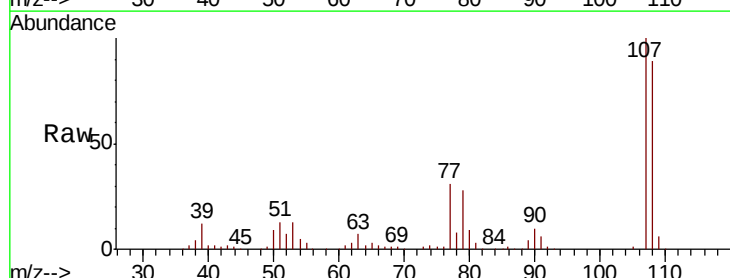
Ion Ratio Lower Upper

107 100

108 88.6 69.9 109.9

77 30.7 11.2 51.2

79 28.1 6.6 46.6

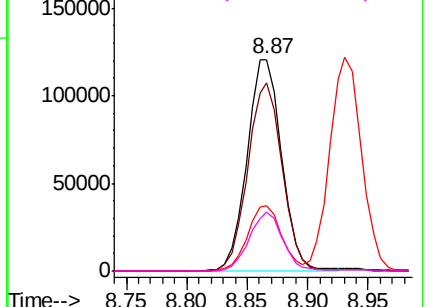


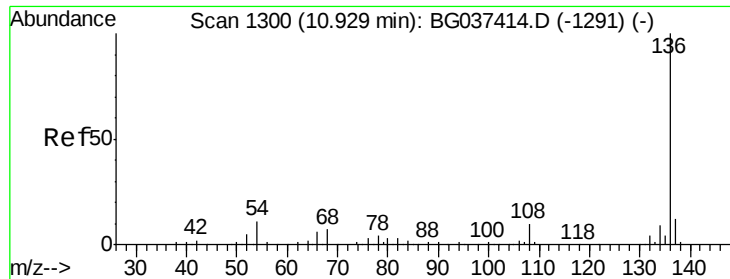
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

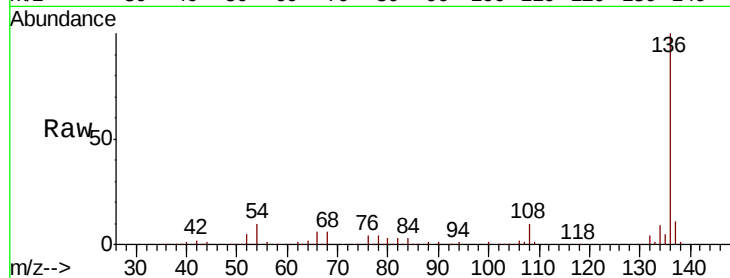




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	247284
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.6 14.4
54	10.0	7.9 11.9
68	6.4	4.8 7.2



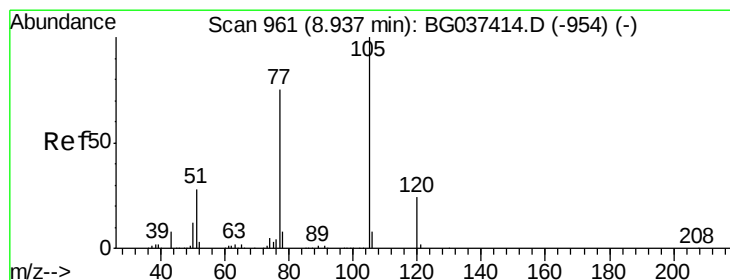
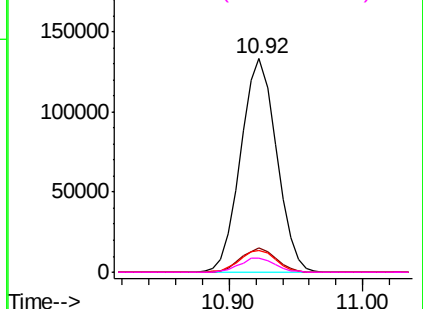
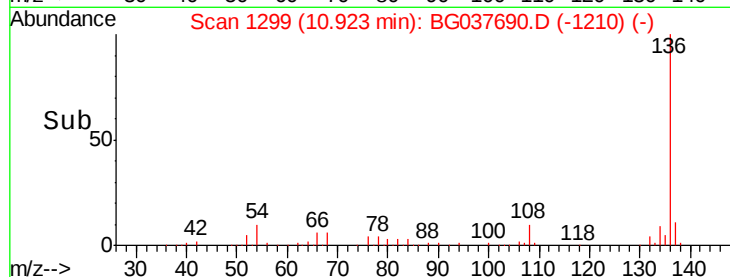
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

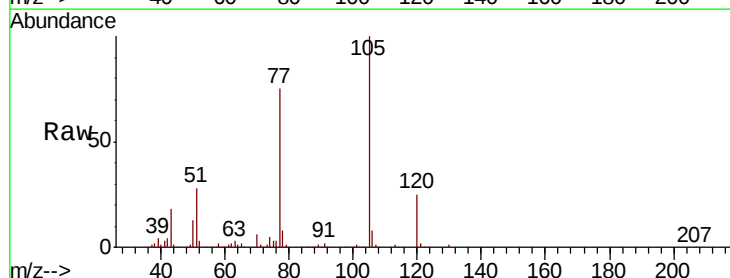
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.873 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:105	Resp:	290693
Ion	Ratio	Lower Upper
105	100	
71	1.2	1.2 1.8#
51	28.3	25.0 37.6
120	24.8	18.6 28.0



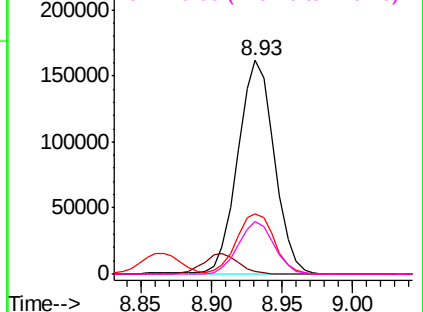
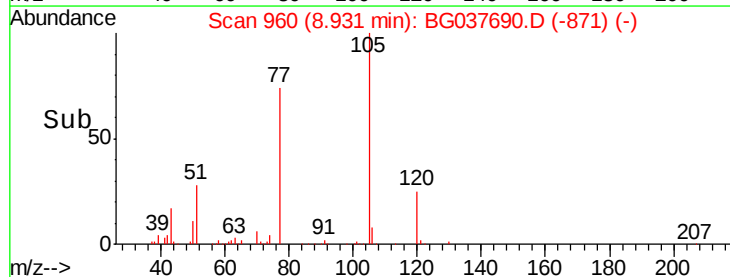
Abundance

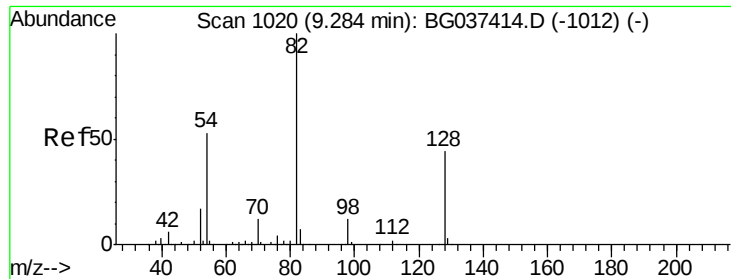
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

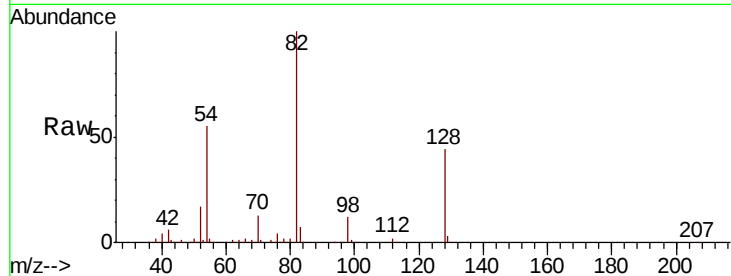




#23
Nitrobenzene-d5
Concen: 81.157 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	82	Resp	358249
Ion Ratio	100	Lower	Upper
128	44.1	34.6	51.8
54	55.3	45.3	67.9

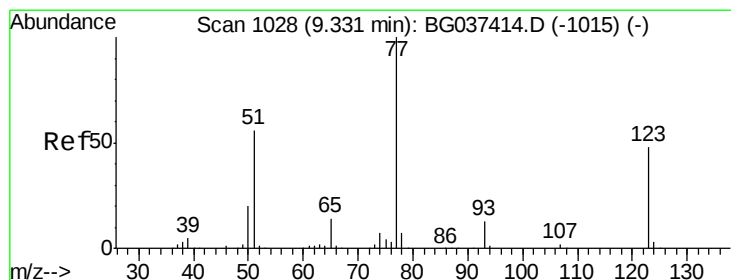
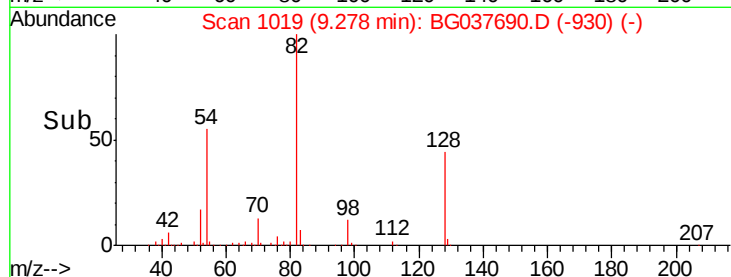
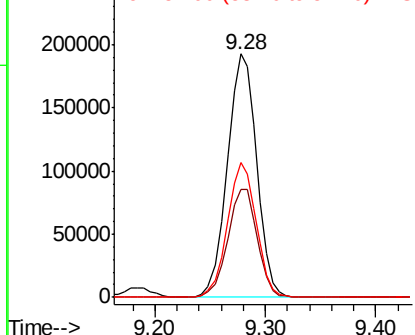


Abundance

Ion 82.00 (81.70 to 82.70): BGC

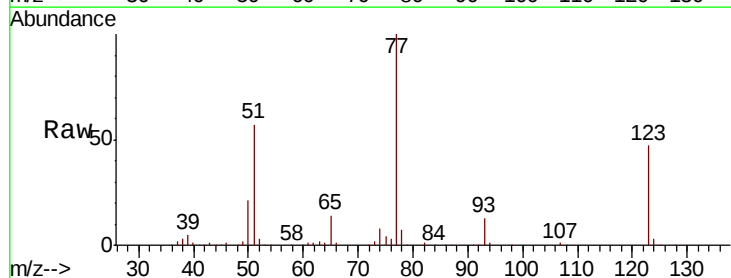
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 48.561 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	77	Resp	222689
Ion Ratio	100	Lower	Upper
123	46.8	33.6	50.4
65	13.8	11.3	16.9

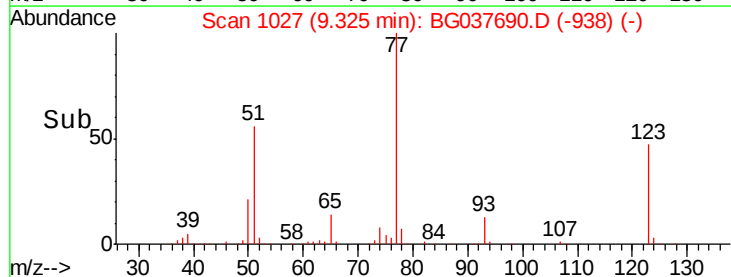
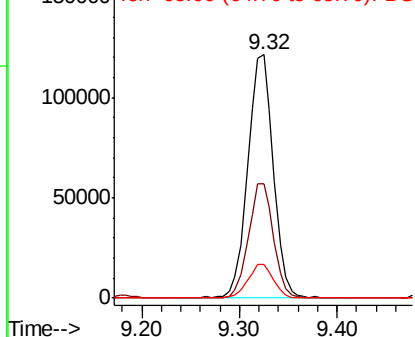


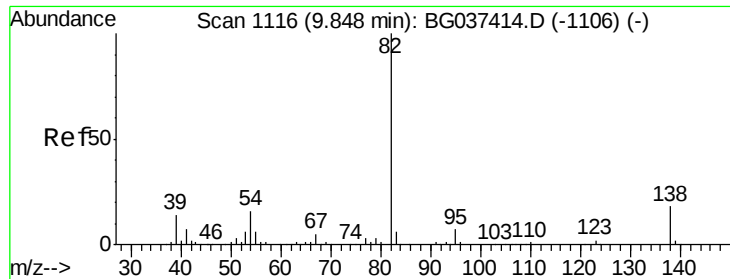
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 54.934 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

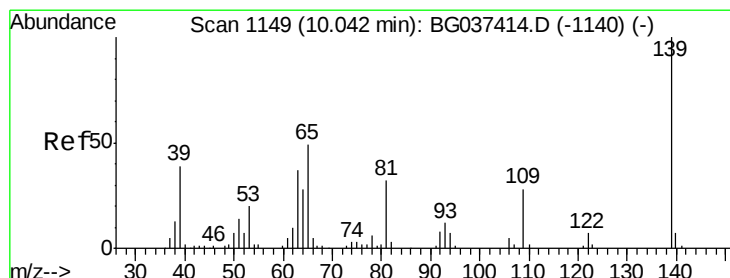
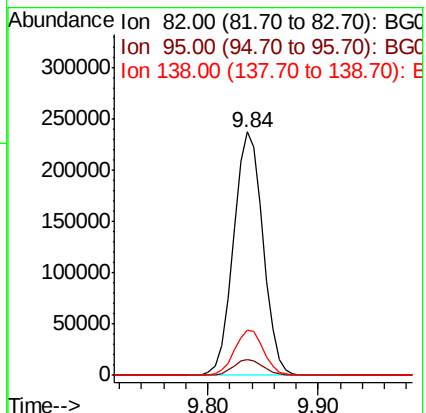
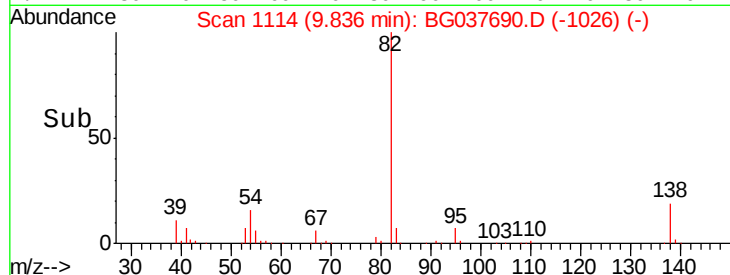
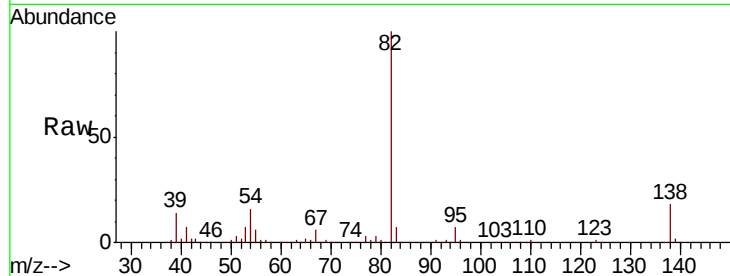
Tot Ion: 82 Resp: 443076

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.4 13.3 19.9



#26

2-Nitrophenol

Concen: 53.770 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

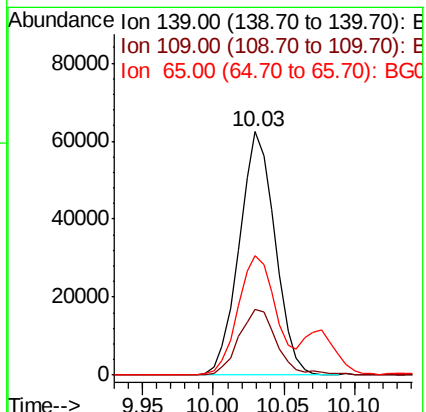
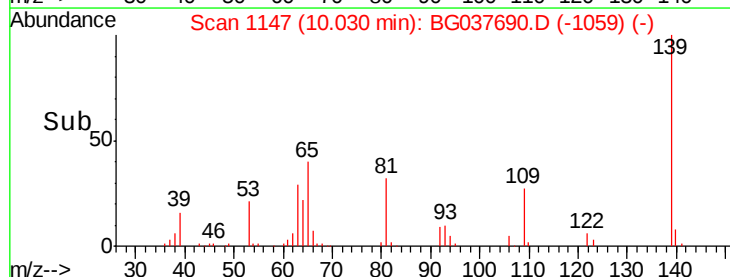
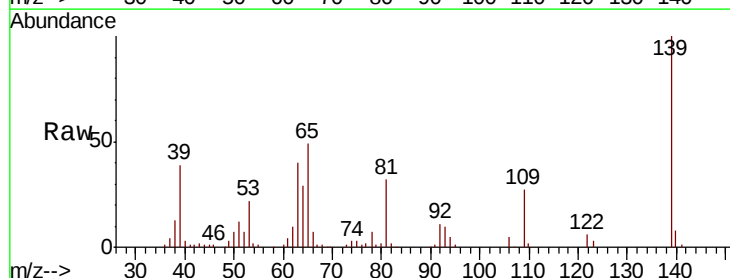
Tgt Ion: 139 Resp: 111081

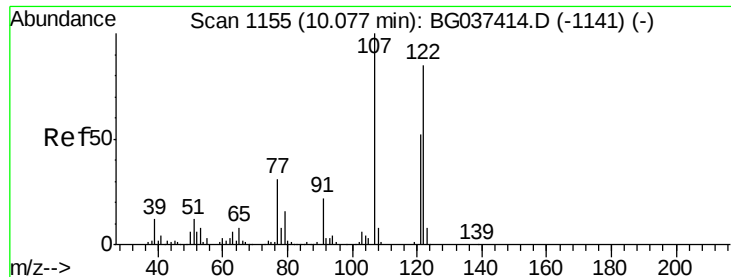
Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

65 49.2 39.8 59.8

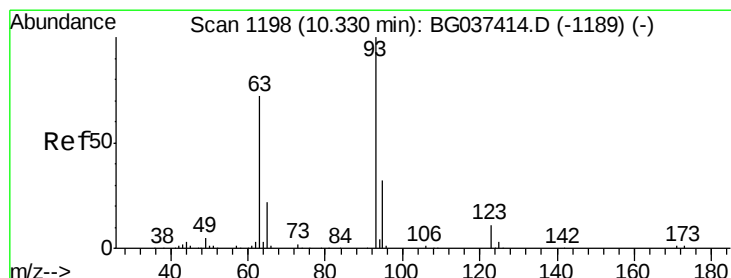
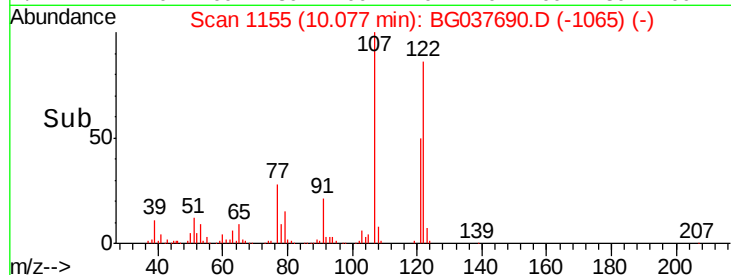
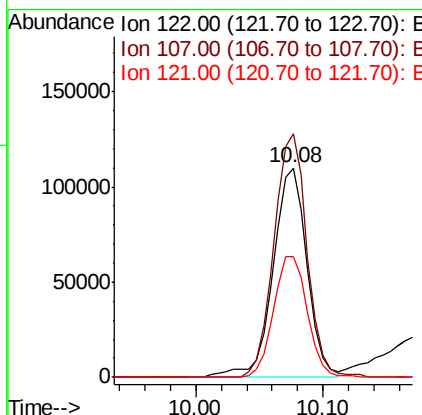
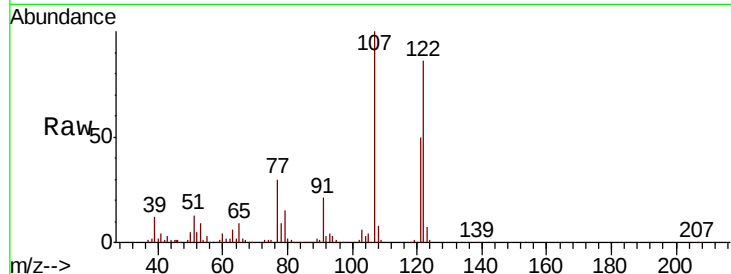




#27
 2,4-Dimethylphenol
 Concen: 55.347 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

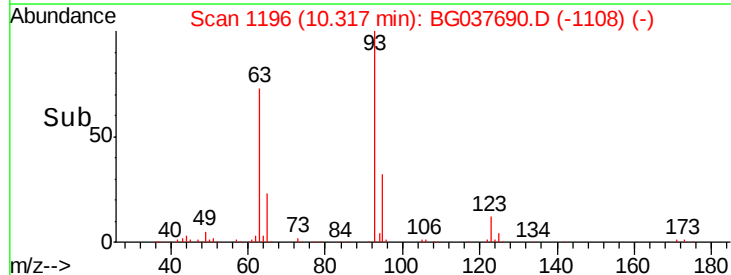
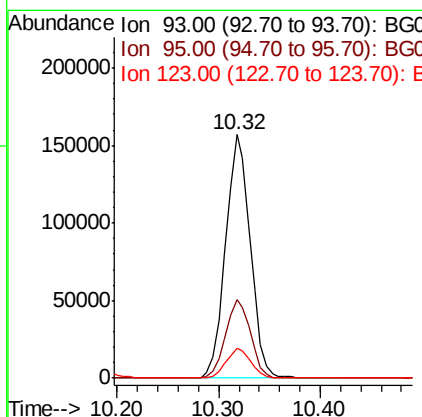
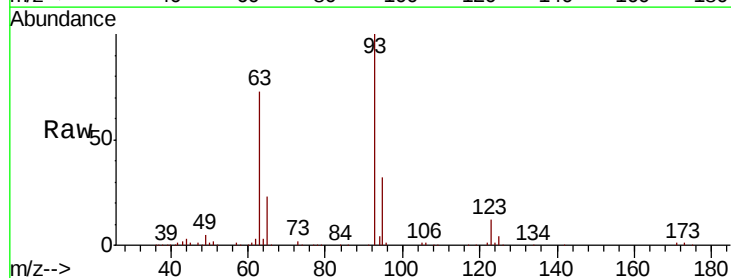
Instrument :
 BNA_G
 ClientSampleId :

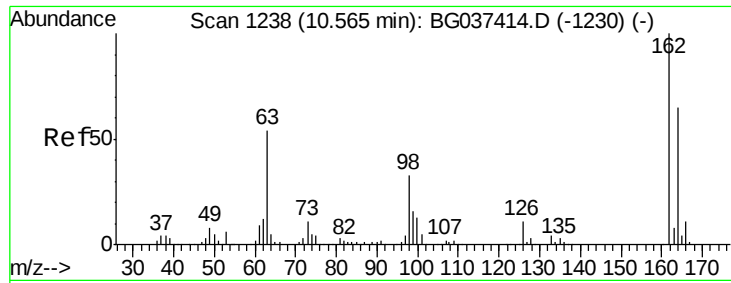
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	94.2	141.2
121	58.0	47.3	70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.045 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	24.6	37.0
123	12.3	9.1	13.7

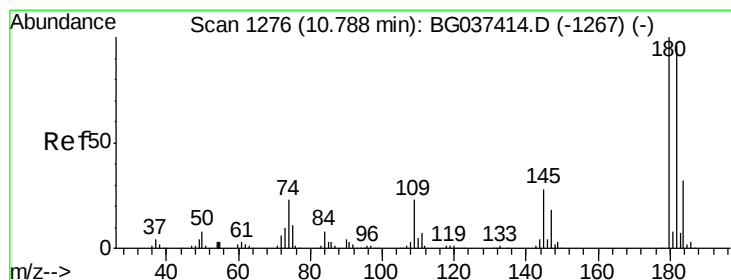
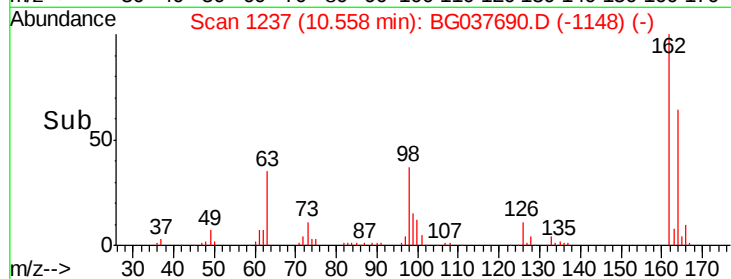
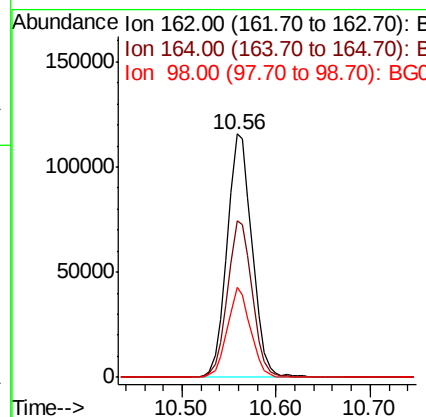
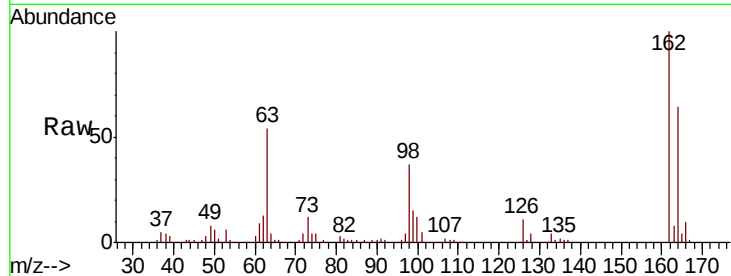




#29
 2,4-Dichlorophenol
 Concen: 52.120 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

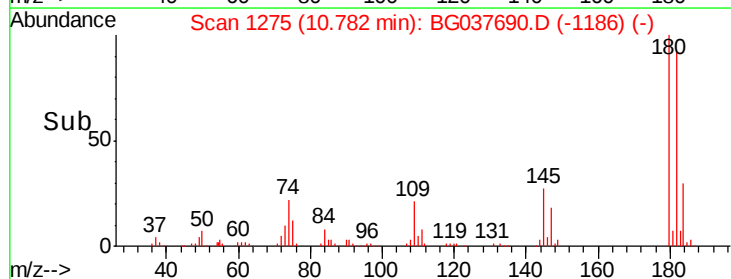
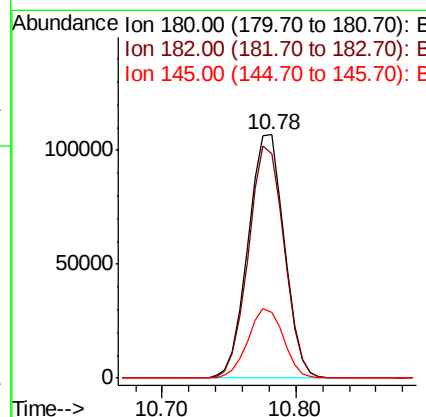
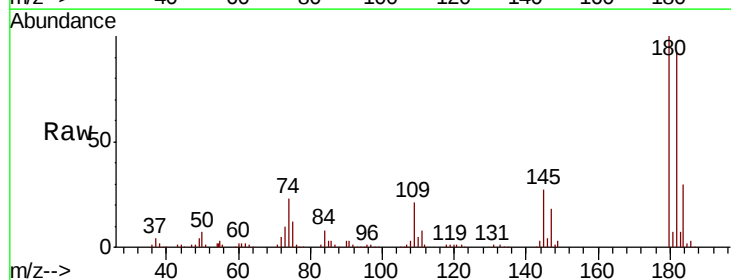
Instrument :
 BNA_G
 ClientSampleId :

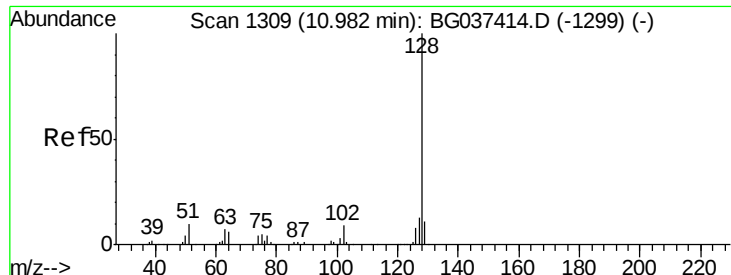
Tot Ion	162	Resp	214051
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.2	83.2
98	36.7	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.743 ng
 RT: 10.78 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion	180	Resp	199827
Ion Ratio	Lower	Upper	
180	100		
182	92.2	77.7	116.5
145	27.0	23.3	34.9

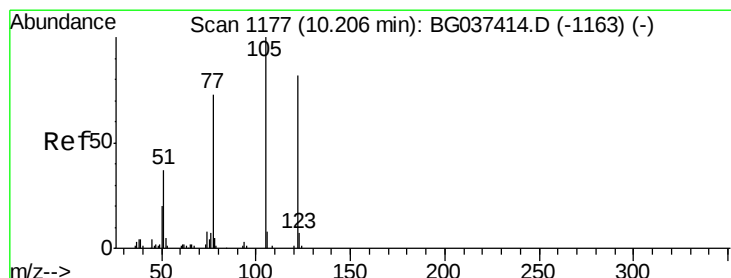
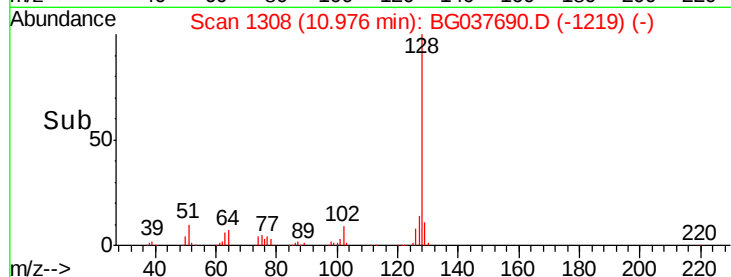
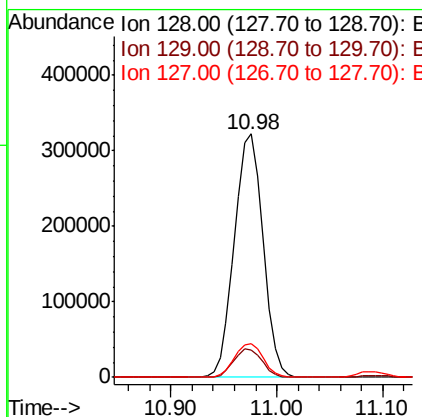
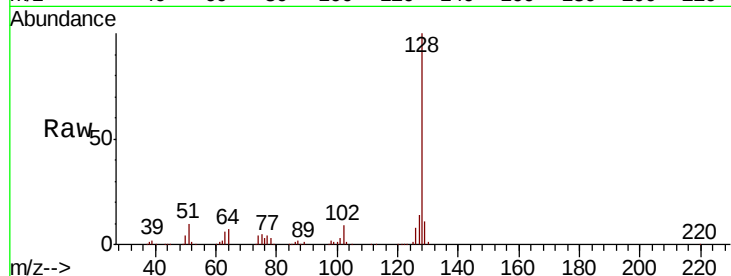




#31
Naphthalene
Concen: 49.762 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

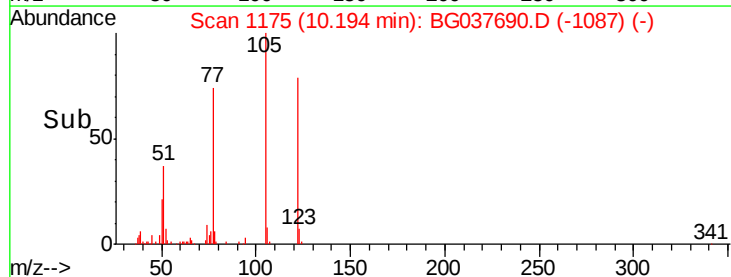
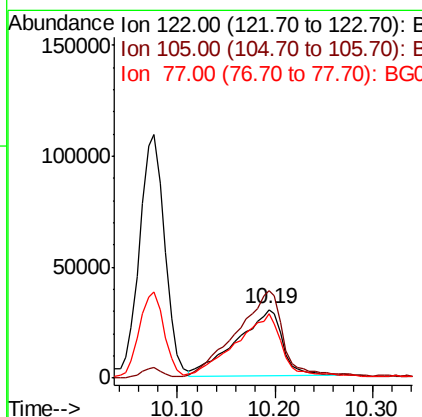
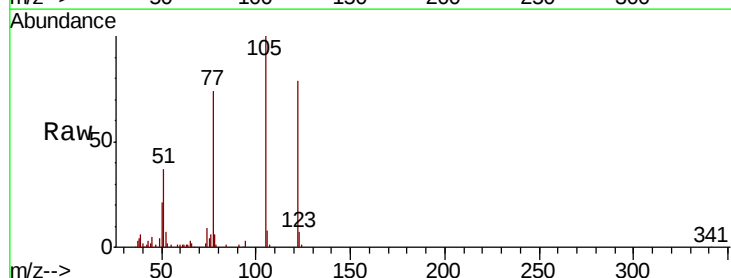
Instrument :
BNA_G
ClientSampleId :

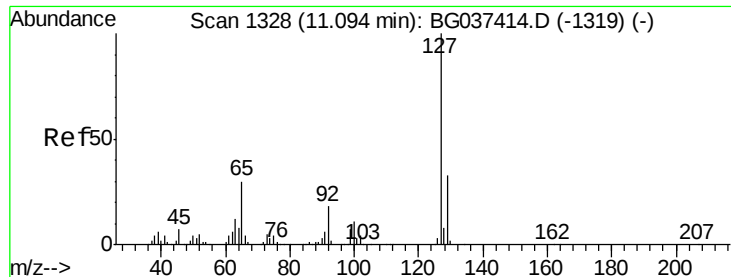
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	11.1	16.7



#32
Benzoic acid
Concen: 42.132 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	106.7	146.7
77	93.4	72.2	112.2

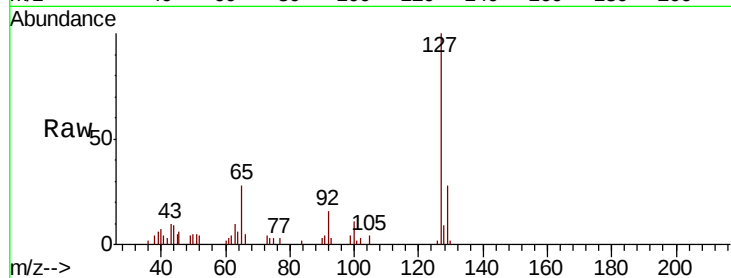




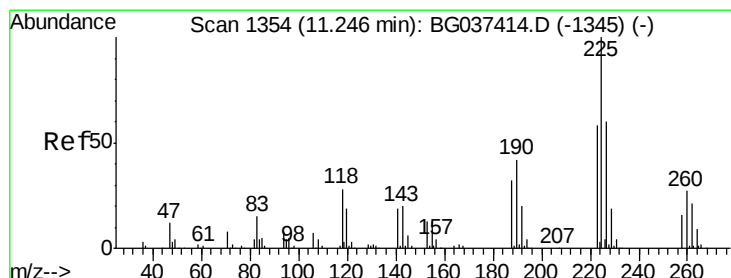
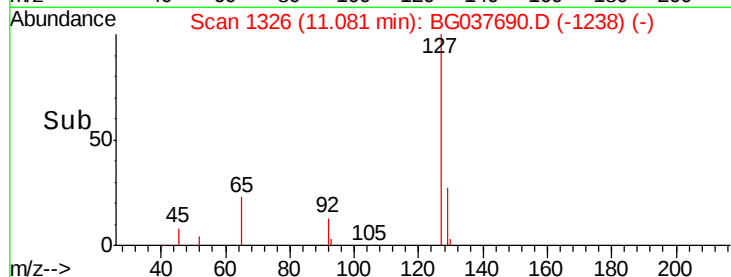
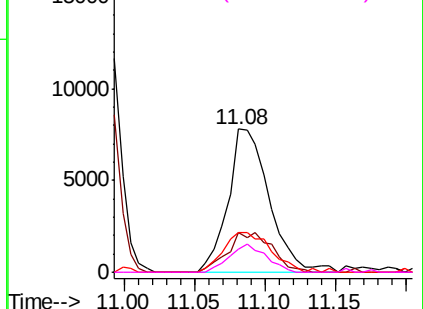
#33
4-Chloroaniline
Concen: 2.788 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	15912
Ion	Ratio	Lower	Upper
127	100		
129	27.8	27.1	40.7
65	28.2	26.6	39.8
92	15.7	16.4	24.6

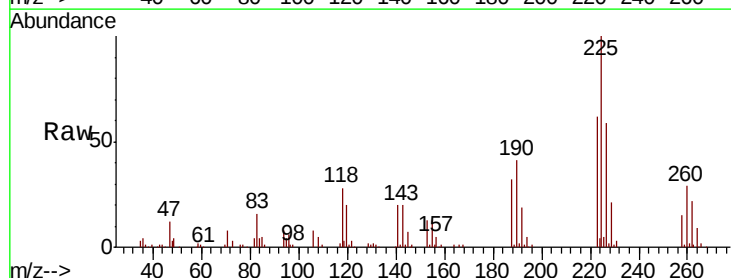


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

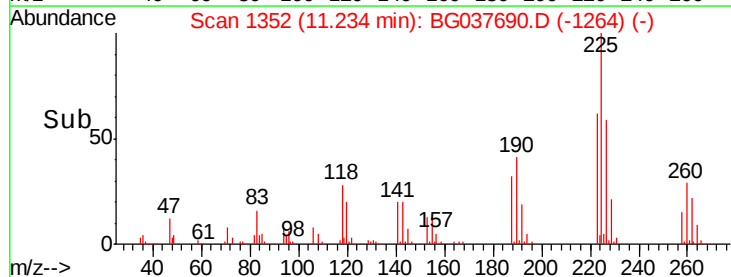
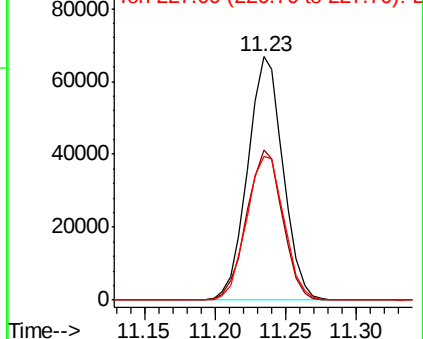


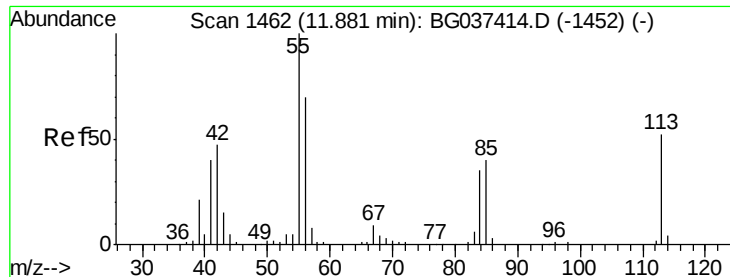
#34
Hexachlorobutadiene
Concen: 44.398 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:	225	Resp:	117520
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	58.5	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

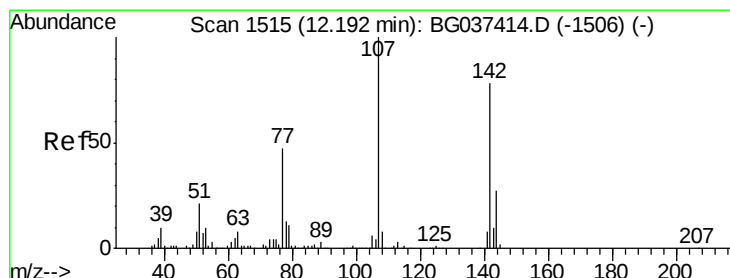
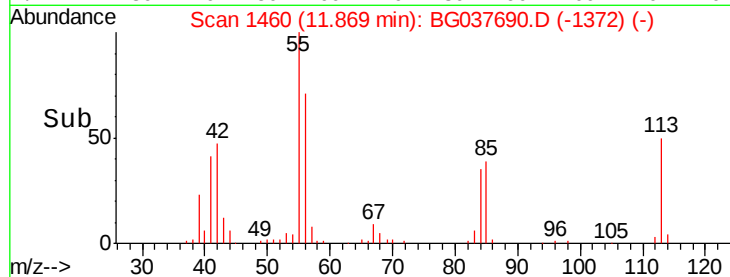
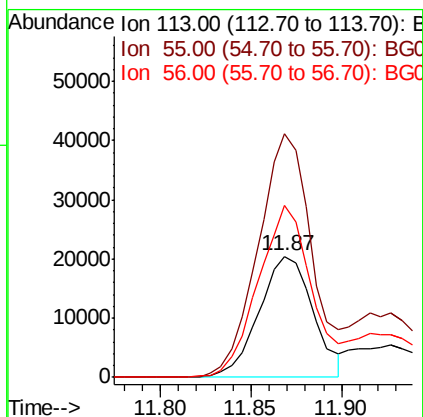
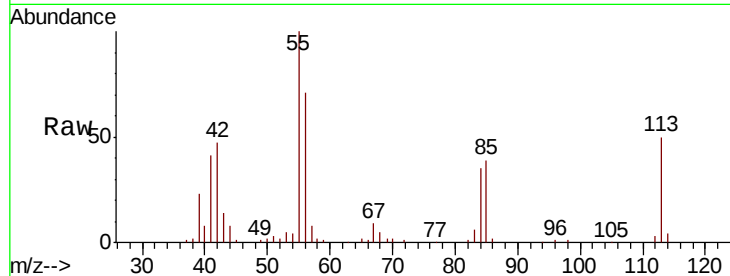




#35
 Caprolactam
 Concen: 25.583 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

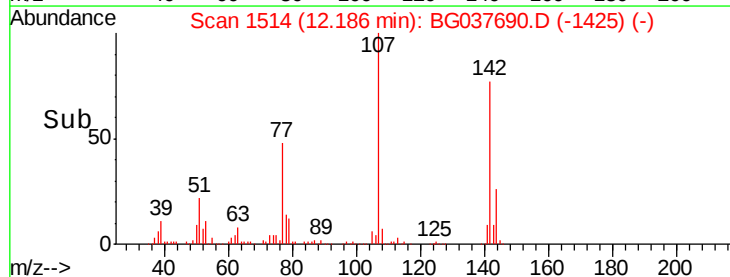
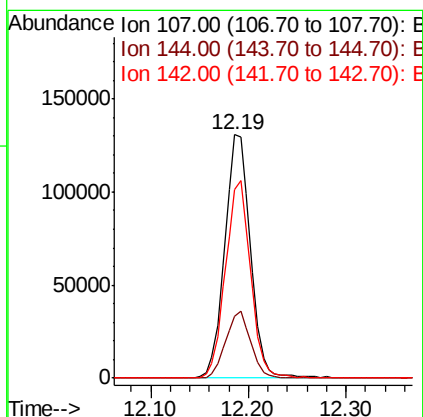
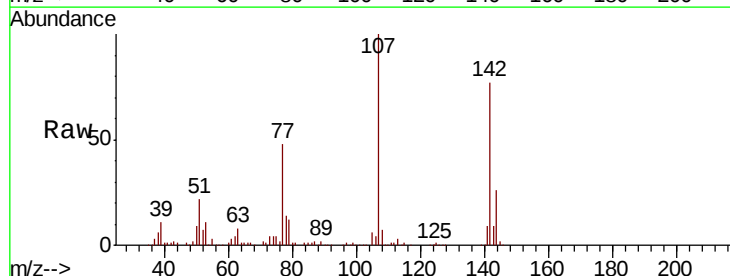
Instrument :
 BNA_G
 ClientSampled :

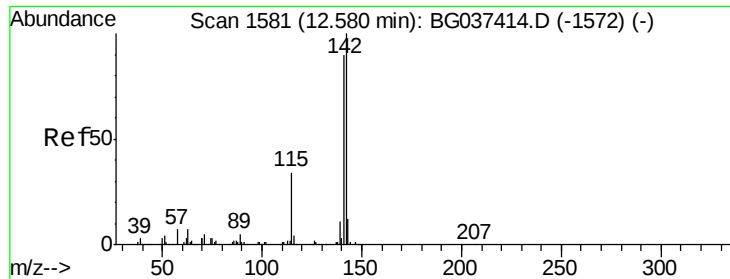
Tot Ion:113 Resp: 42138
 Ion Ratio Lower Upper
 113 100
 55 201.1 176.6 216.6
 56 142.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.422 ng
 RT: 12.19 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion:107 Resp: 238164
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.7 31.1
 142 77.4 64.4 96.6

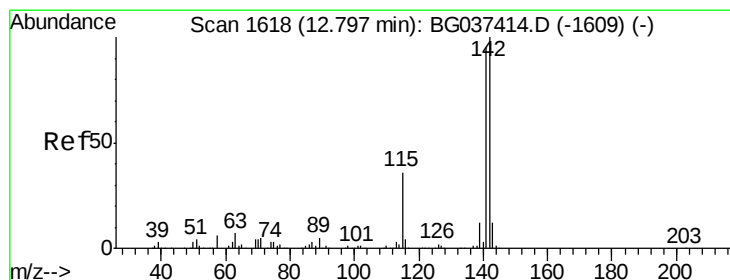
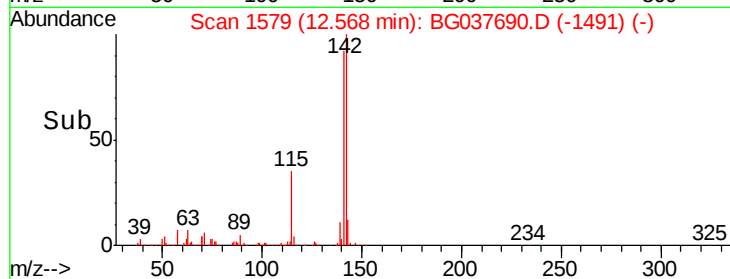
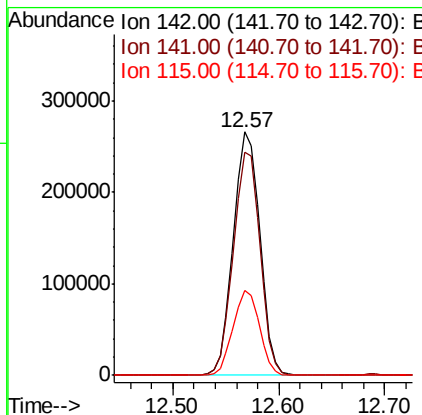
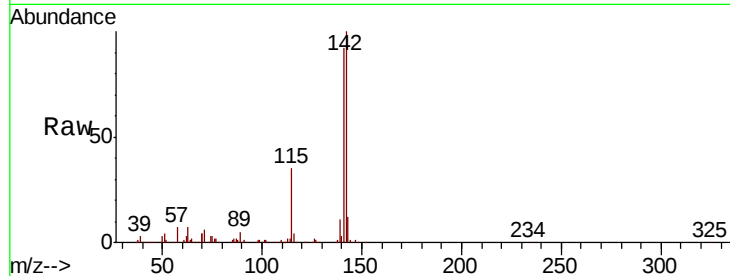




#37
2-Methylnaphthalene
Concen: 52.237 ng
RT: 12.57 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

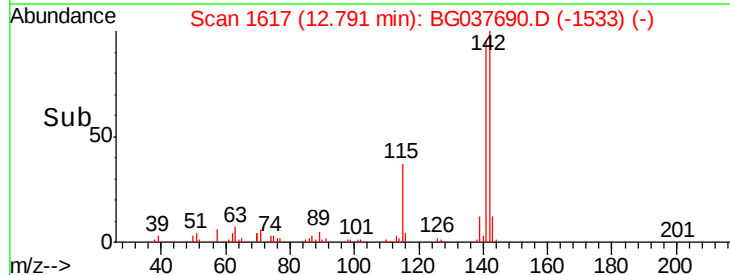
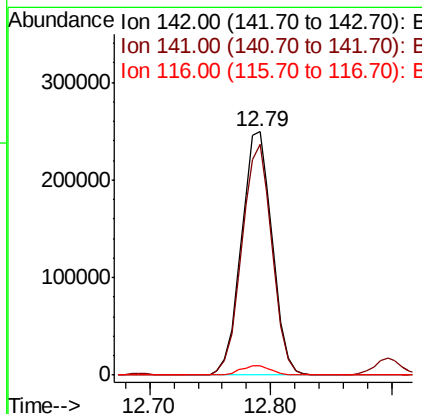
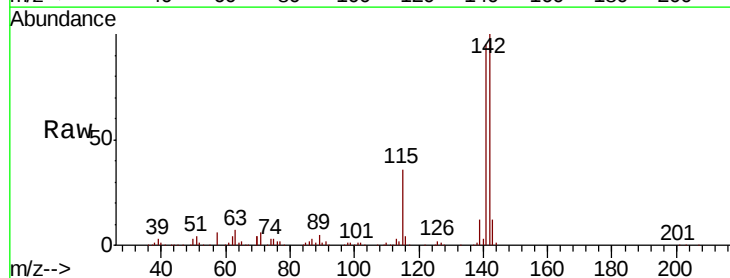
Instrument :
BNA_G
ClientSampleId :

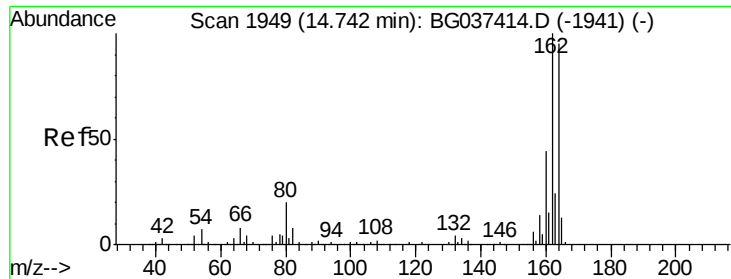
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	34.9	27.8	41.8



#38
1-Methylnaphthalene
Concen: 51.415 ng
RT: 12.79 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampled :

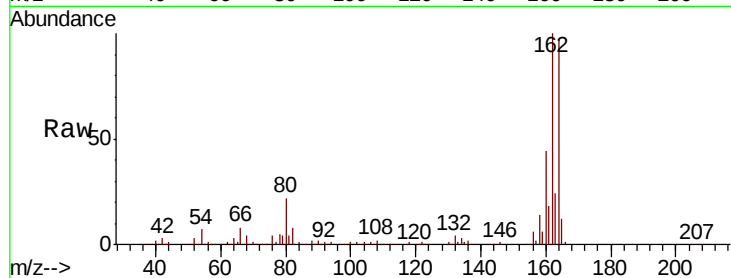
Tot Ion:164 Resp: 166817

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.5 36.3 54.5

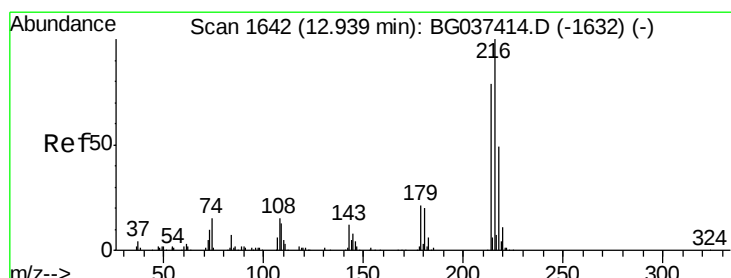
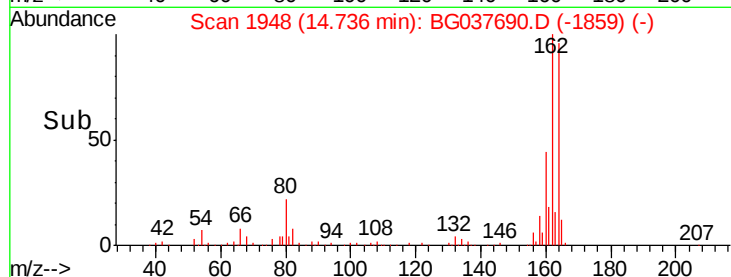
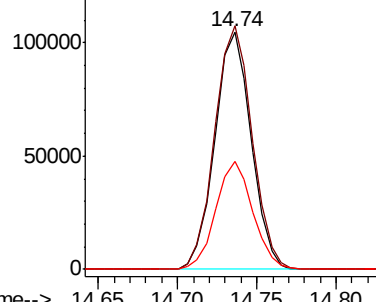


Abundance

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: 43.985 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Tgt Ion:216 Resp: 236672

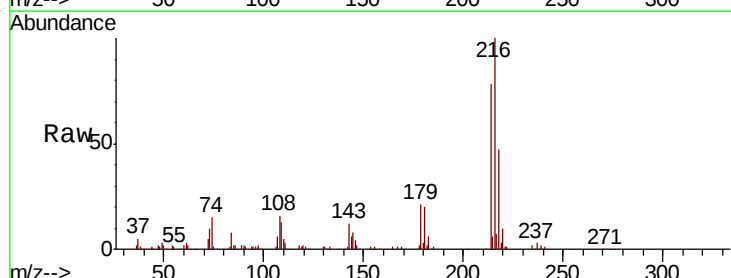
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 21.7 17.4 26.0

108 18.8 13.9 20.9



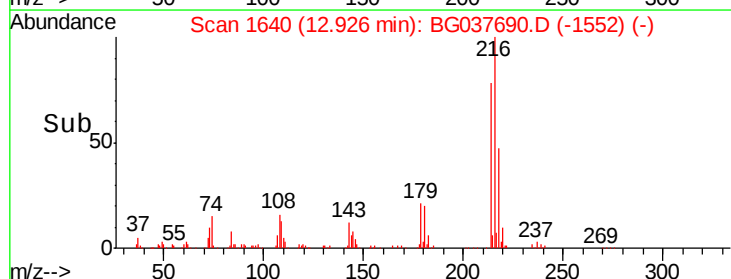
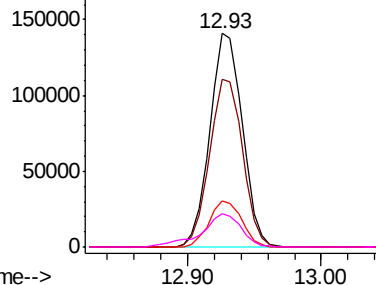
Abundance

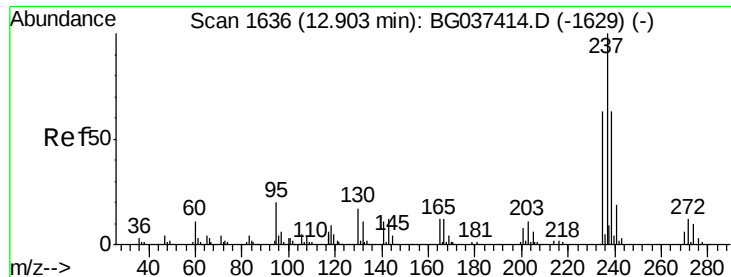
Ion 216.00 (215.70 to 216.70): E

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: 93.352 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

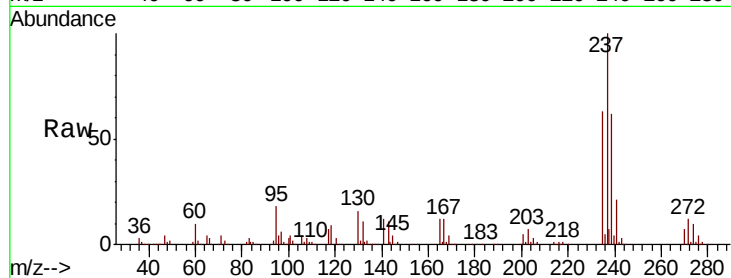
Tot Ion:237 Resp: 239938

Ion Ratio Lower Upper

237 100

235 62.7 42.5 82.5

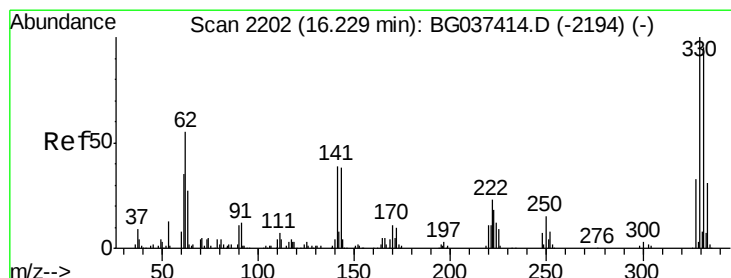
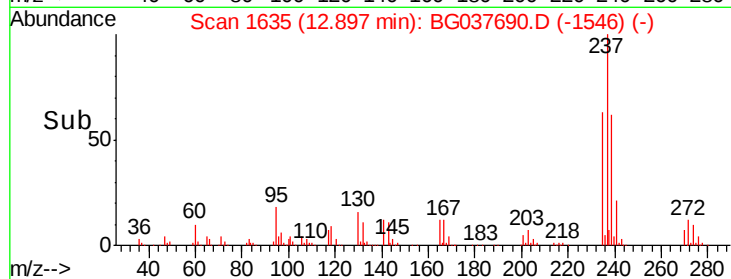
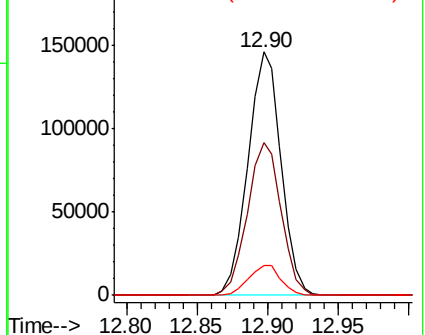
272 12.5 0.0 31.6



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: 124.491 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

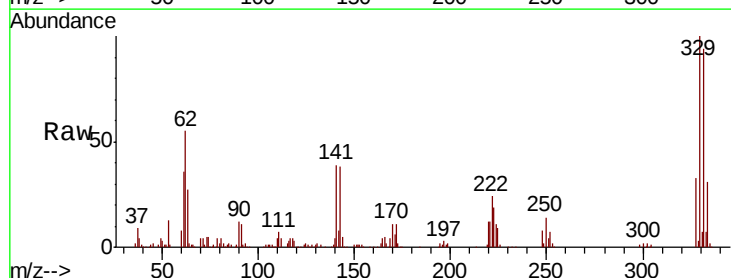
Tgt Ion:330 Resp: 226506

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

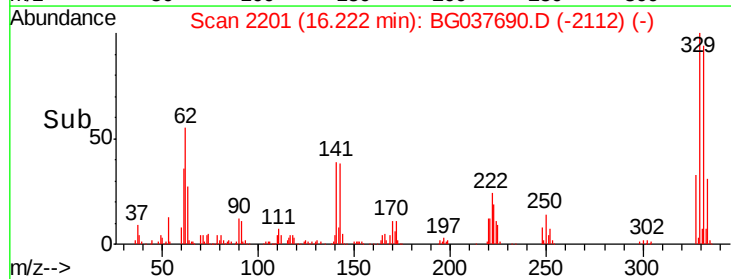
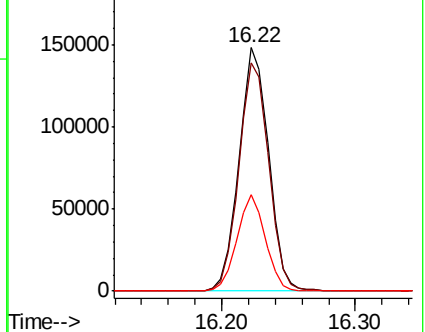
141 38.3 32.2 48.2

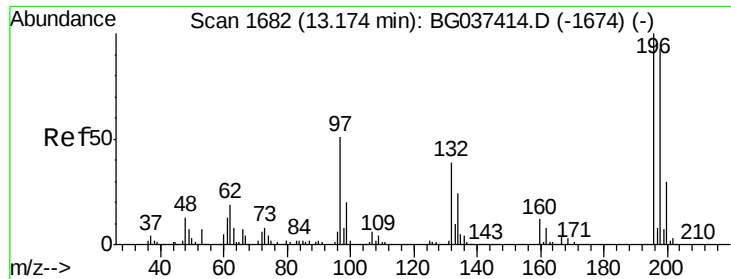


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

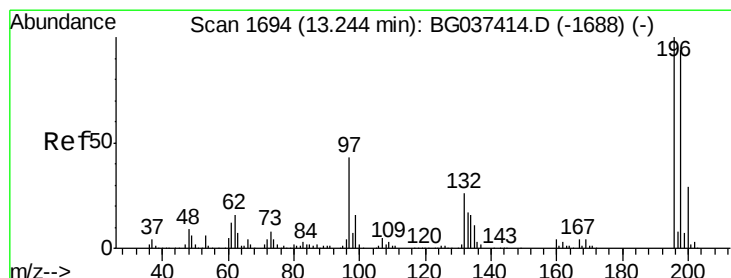
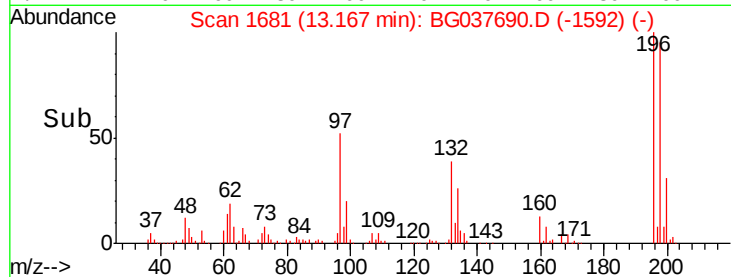
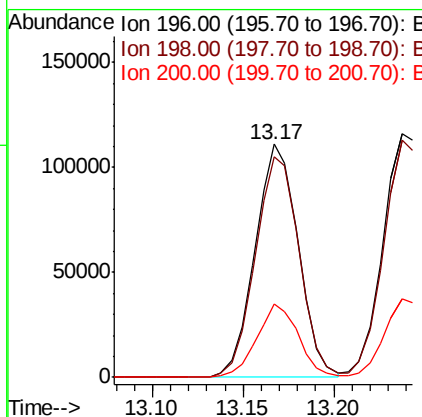
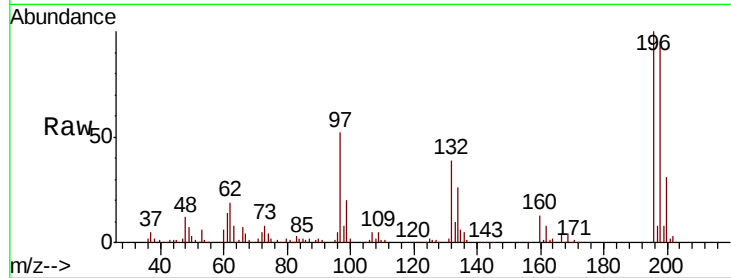




#43
 2,4,6-Trichlorophenol
 Concen: 51.017 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

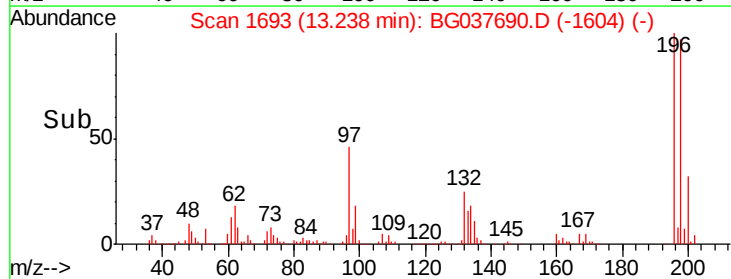
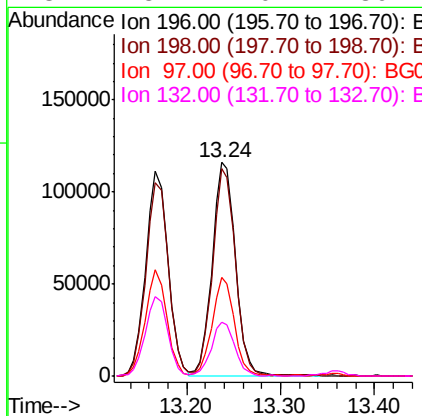
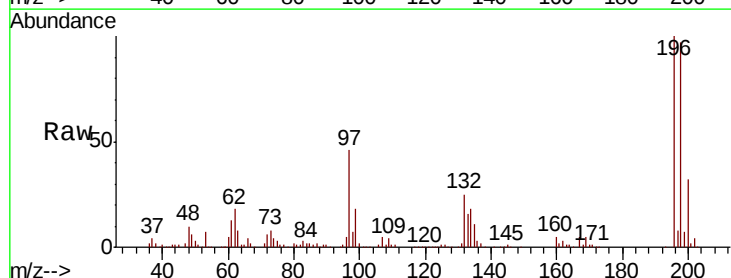
Instrument :
 BNA_G
 ClientSampleId :

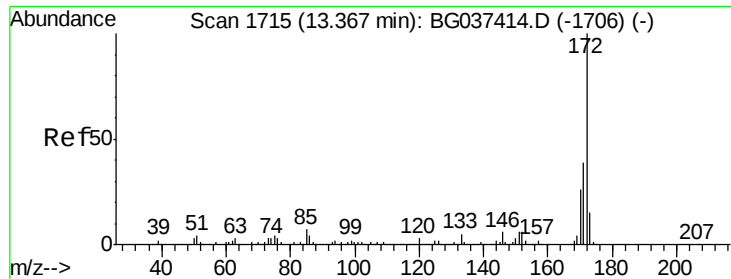
Tot Ion	196	Resp	183395
Ion Ratio	Lower	Upper	
196	100		
198	94.6	76.4	114.6
200	31.4	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 51.840 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion	196	Resp	202897
Ion Ratio	Lower	Upper	
196	100		
198	97.4	74.2	111.2
97	46.0	34.1	51.1
132	25.2	20.2	30.4

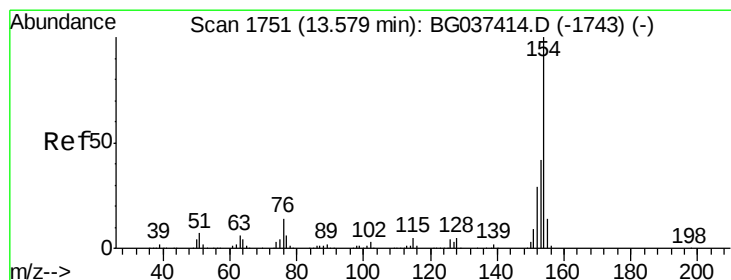
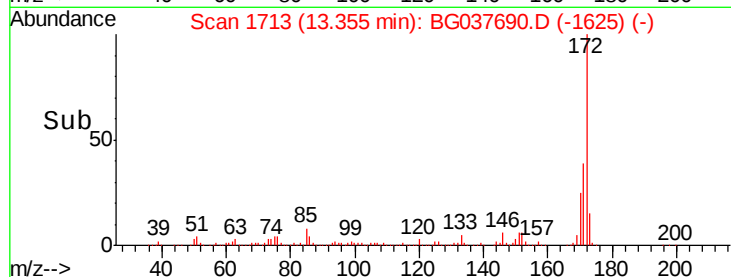
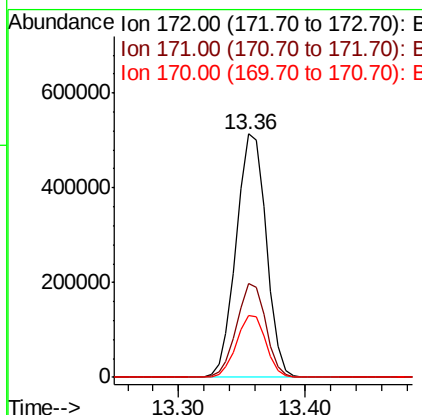
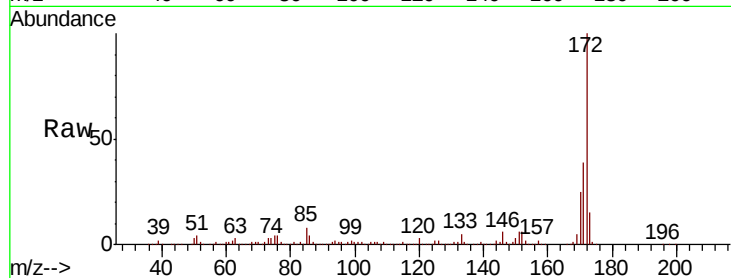




#45
 2-Fluorobiphenyl
 Concen: 76.075 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

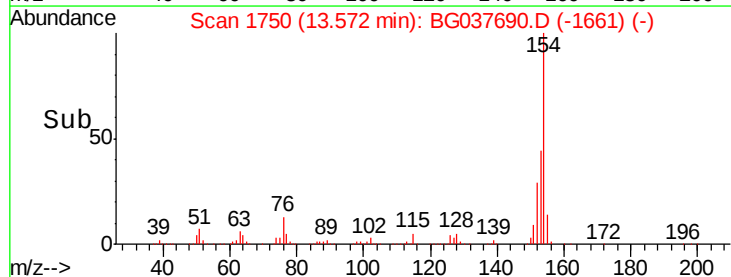
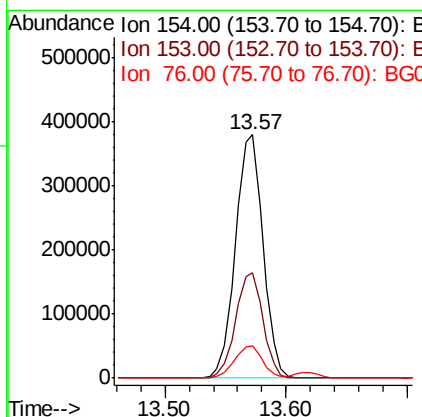
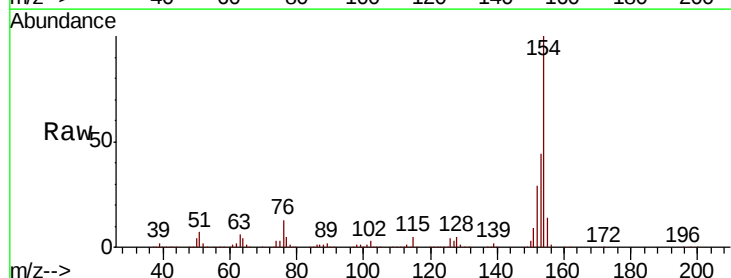
Instrument :
 BNA_G
 ClientSampleId :

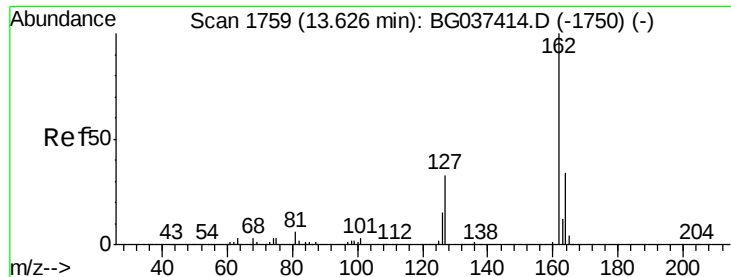
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.0	46.4
170	25.3	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 43.722 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.1	62.1
76	13.2	0.0	33.2





#47

2-Chloronaphthalene

Concen: 45.999 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

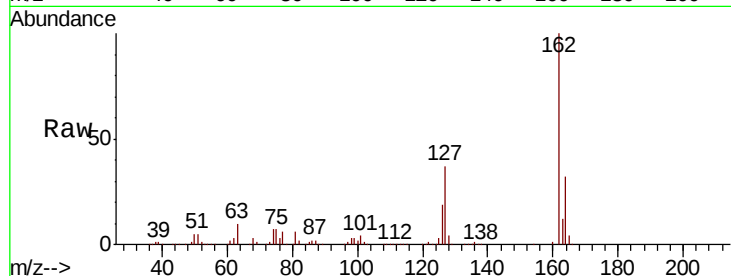
Tot Ion:162 Resp: 480775

Ion Ratio Lower Upper

162 100

127 37.3 30.5 45.7

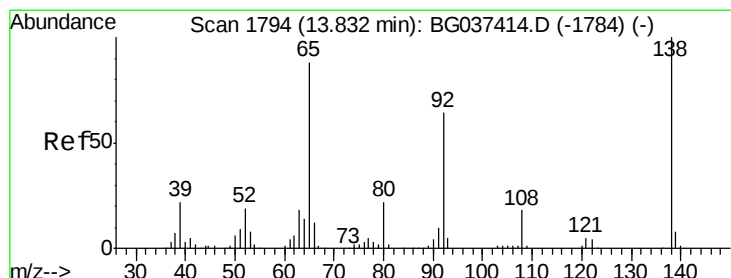
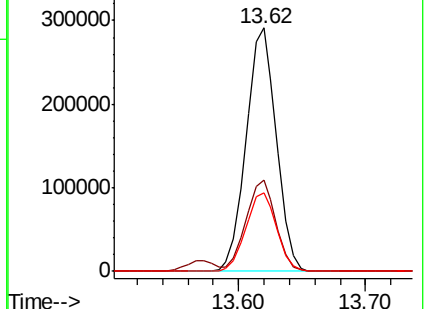
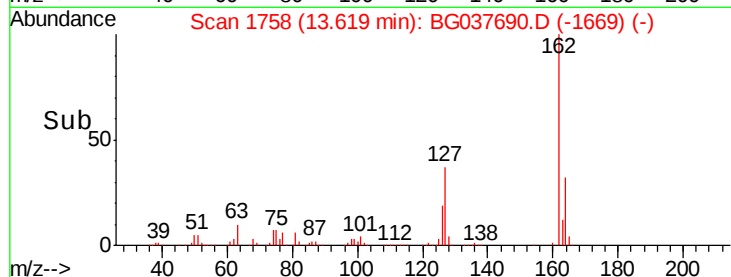
164 32.3 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 52.058 ng

RT: 13.83 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

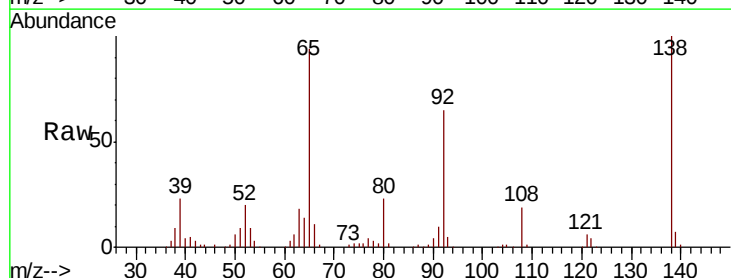
Tgt Ion: 65 Resp: 165000

Ion Ratio Lower Upper

65 100

92 68.9 53.2 79.8

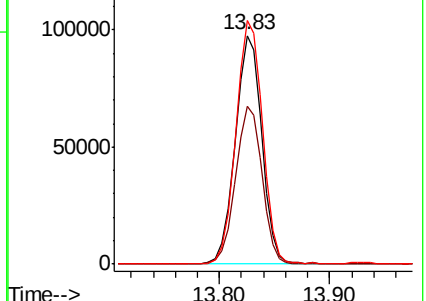
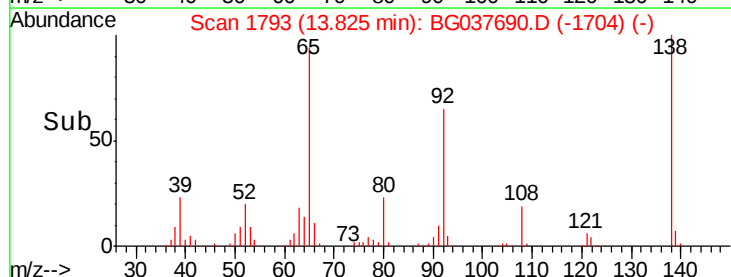
138 106.6 79.3 118.9

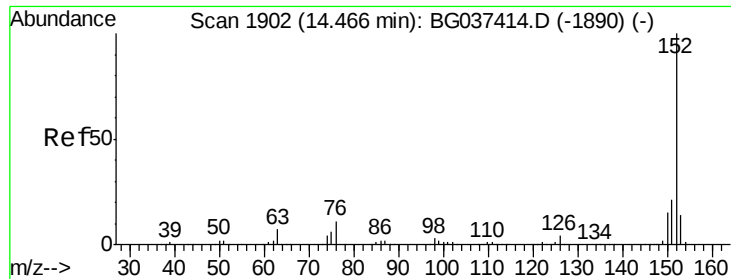


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.291 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

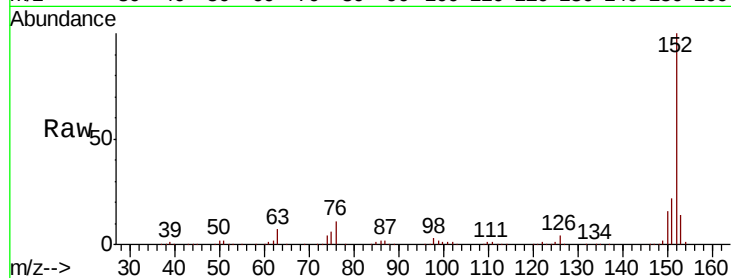
Tot Ion:152 Resp: 790704

Ion Ratio Lower Upper

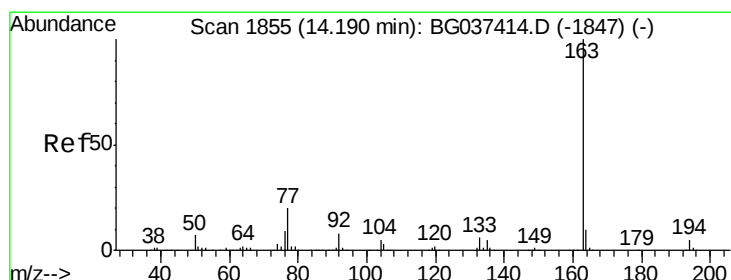
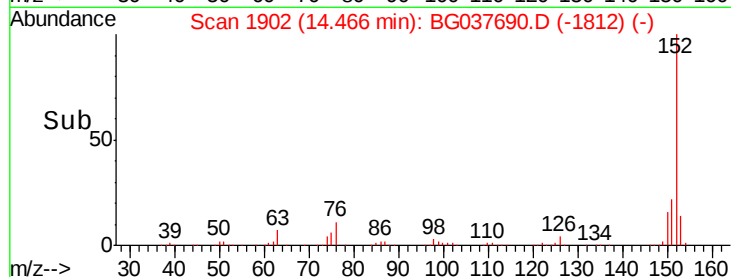
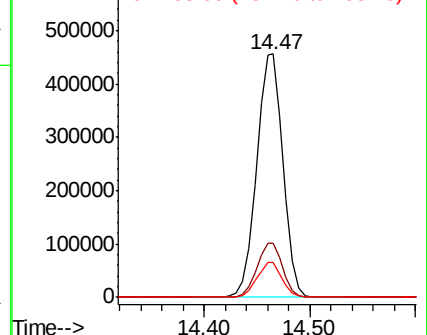
152 100

151 22.3 17.1 25.7

153 14.2 11.1 16.7



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



#50

Dimethylphthalate

Concen: 49.189 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

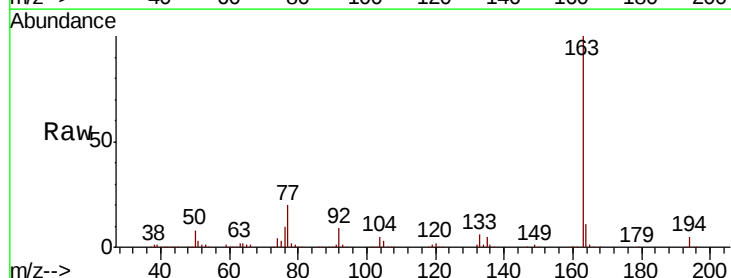
Tgt Ion:163 Resp: 634794

Ion Ratio Lower Upper

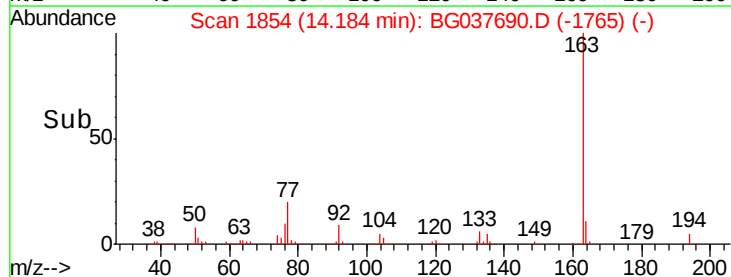
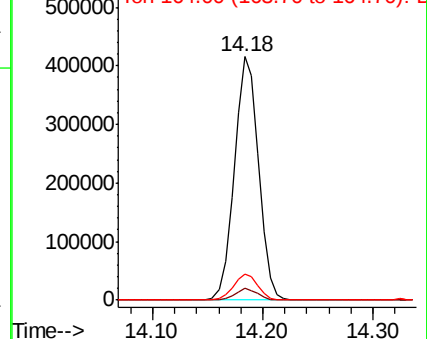
163 100

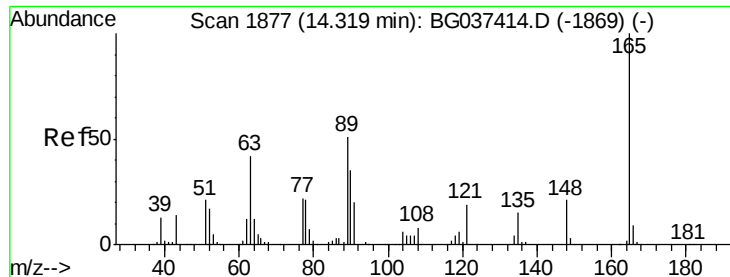
194 4.8 3.5 5.3

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

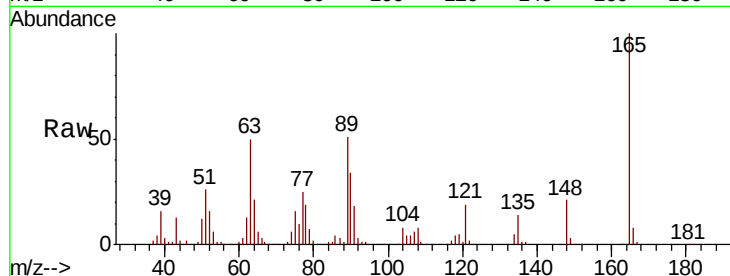




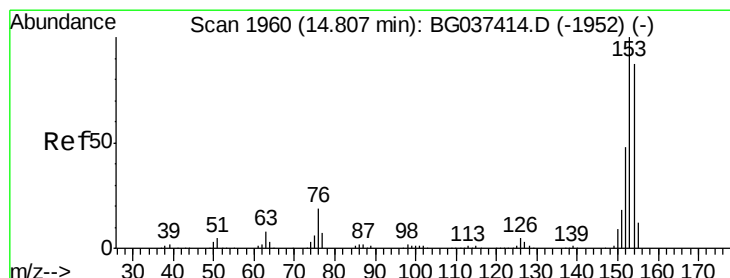
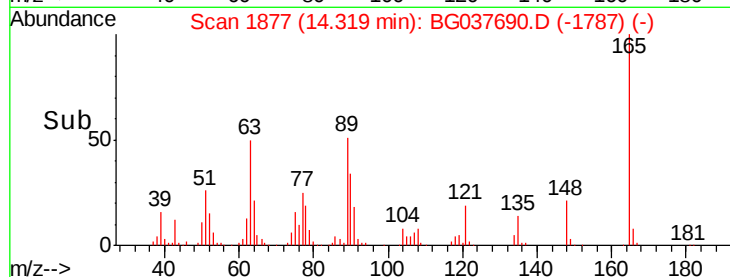
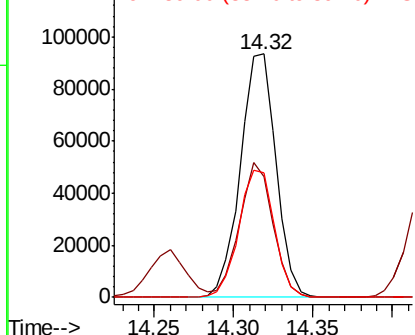
#51
2,6-Dinitrotoluene
Concen: 51.163 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	43.4	65.2
89	50.9	45.8	68.6

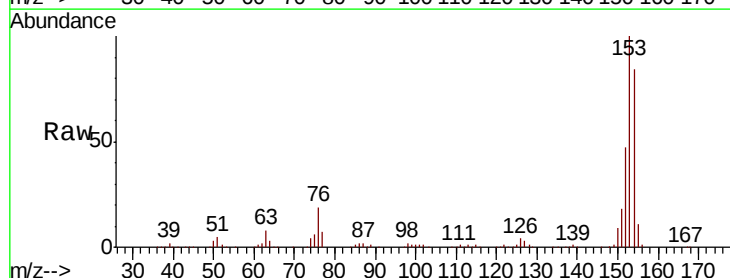


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

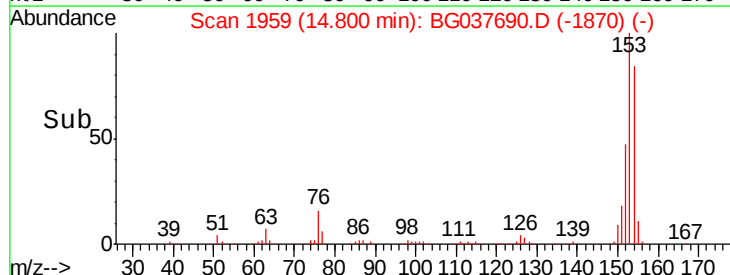
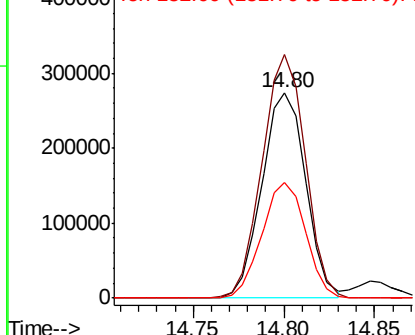


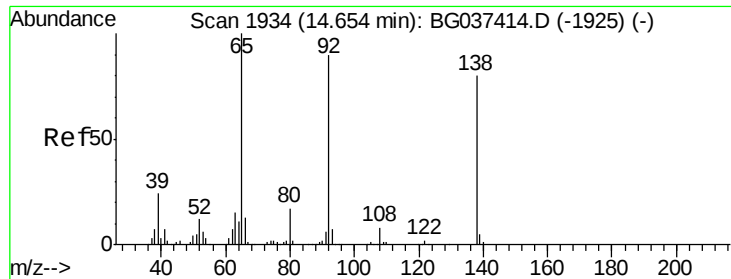
#52
Acenaphthene
Concen: 47.511 ng
RT: 14.80 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.3	93.4	140.0
152	56.0	44.7	67.1



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

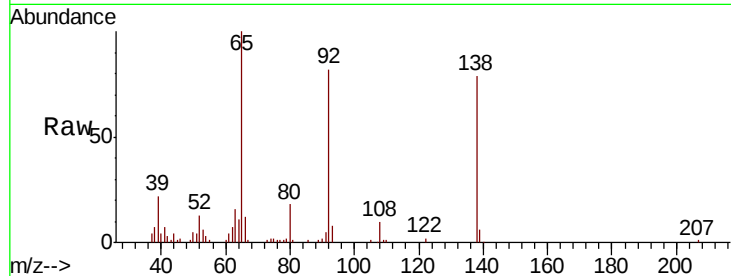




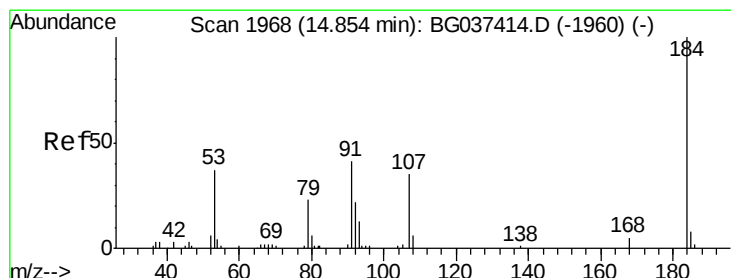
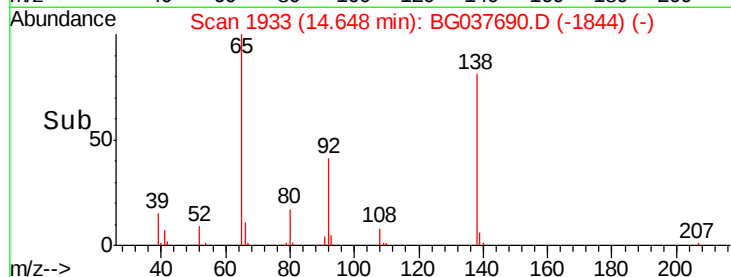
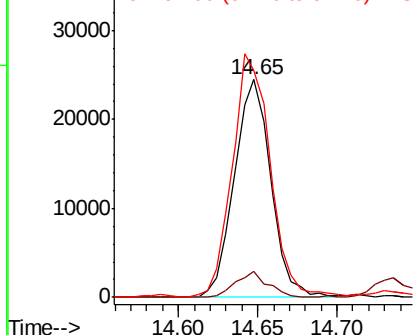
#53
3-Nitroaniline
Concen: 12.379 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 39232
Ion Ratio Lower Upper
138 100
108 12.2 11.0 16.6
92 104.3 95.2 142.8

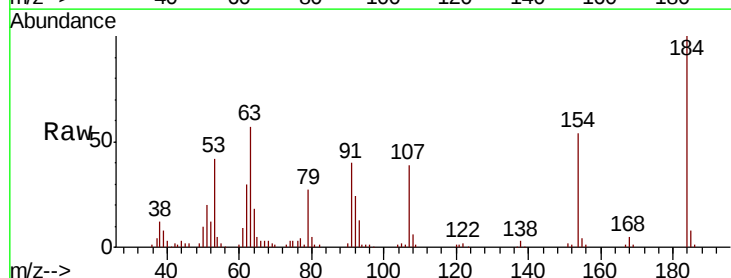


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

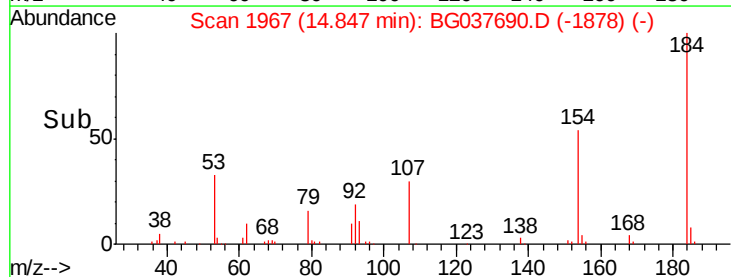
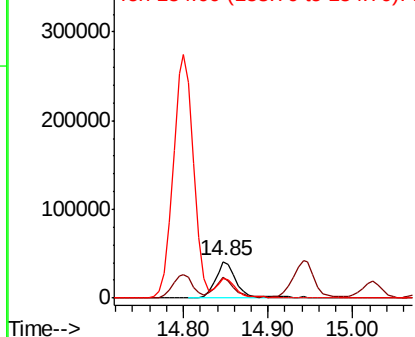


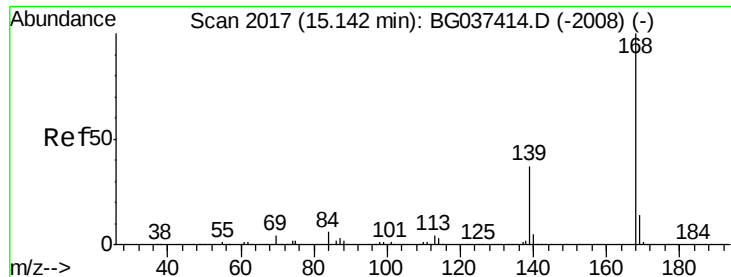
#54
2,4-Dinitrophenol
Concen: 66.299 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:184 Resp: 74406
Ion Ratio Lower Upper
184 100
63 56.5 42.6 63.8
154 53.7 41.8 62.6



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

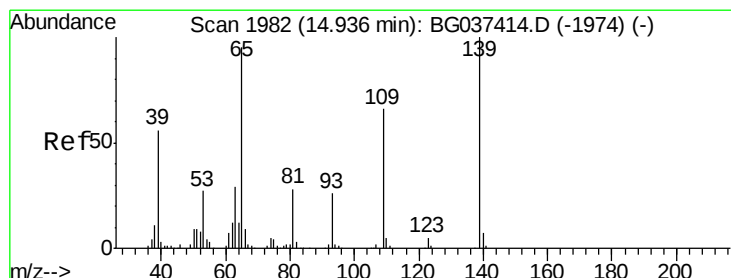
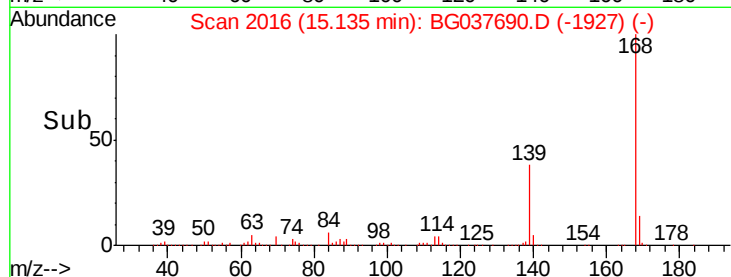
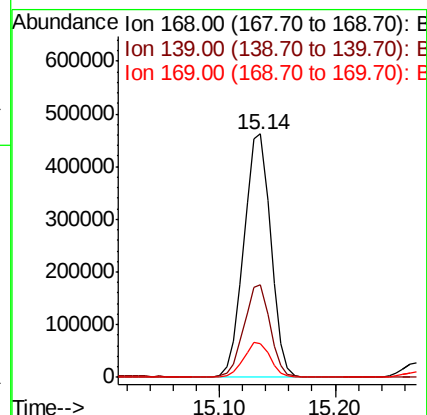
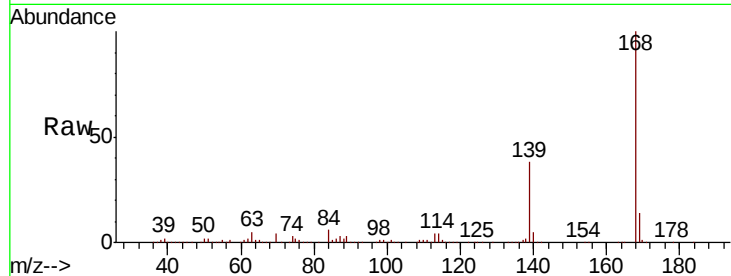




#55
Dibenzofuran
Concen: 46.588 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

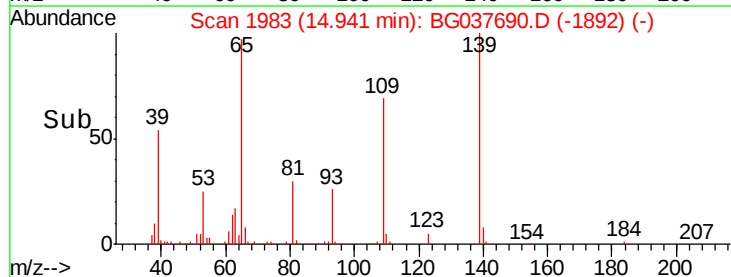
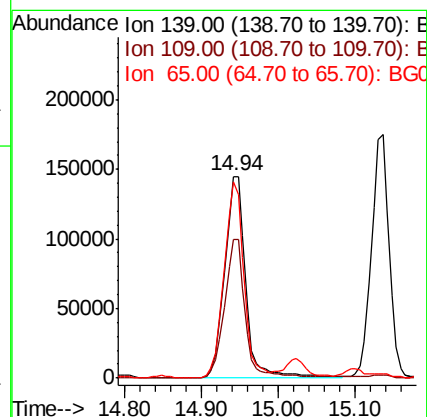
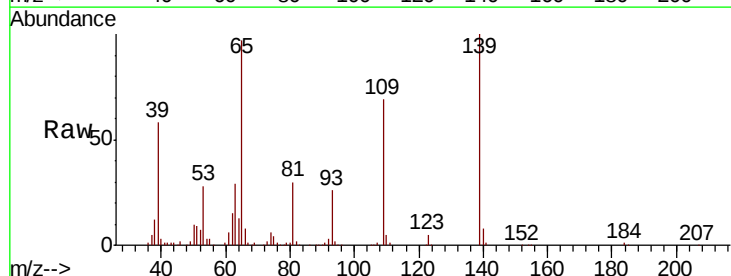
Instrument :
BNA_G
ClientSampleId :

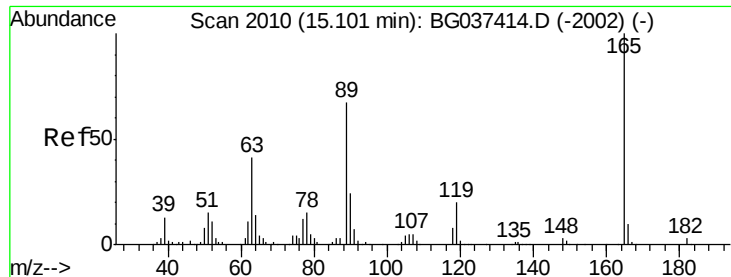
Tot Ion:168 Resp: 747405
Ion Ratio Lower Upper
168 100
139 37.9 29.4 44.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 117.970 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:139 Resp: 276751
Ion Ratio Lower Upper
139 100
109 68.9 49.5 89.5
65 97.4 76.8 116.8

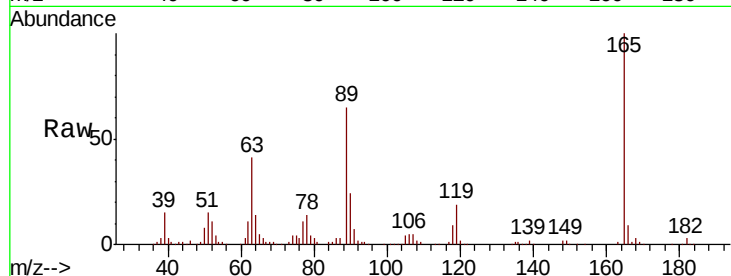




#57
2,4-Dinitrotoluene
Concen: 54.423 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.0
89	65.1	57.2	85.8
182	2.6	2.6	4.0



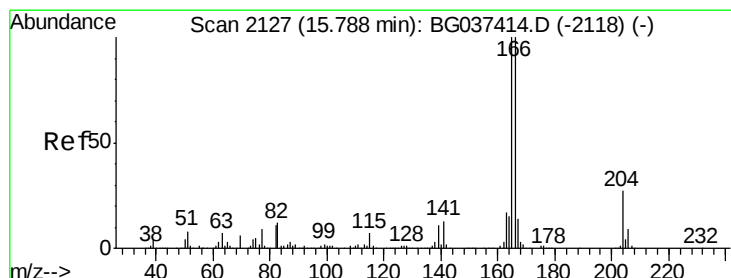
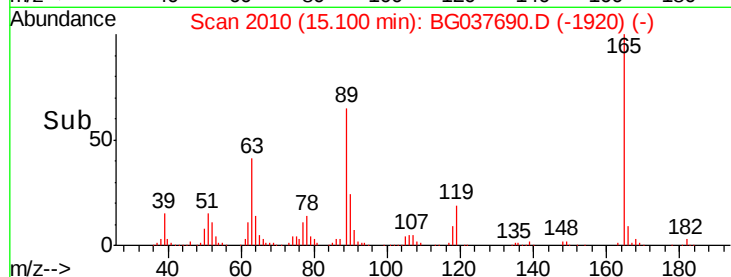
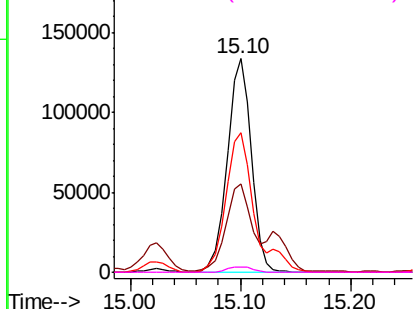
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

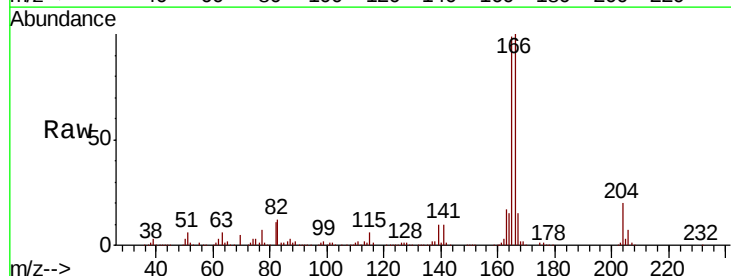
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.825 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.6
167	14.7	11.3	16.9

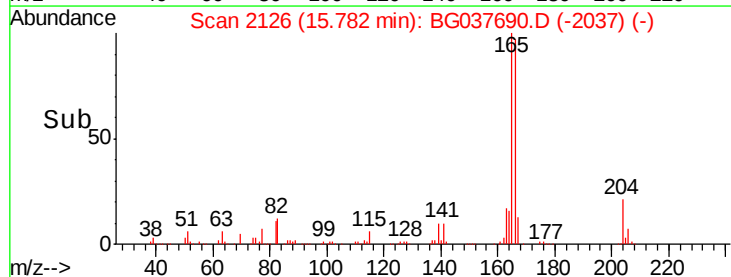
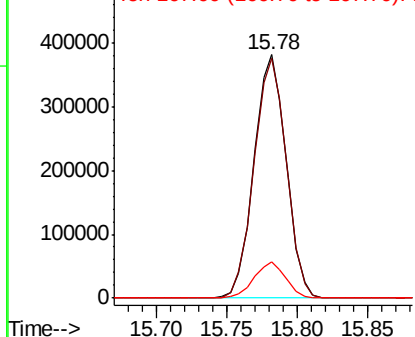


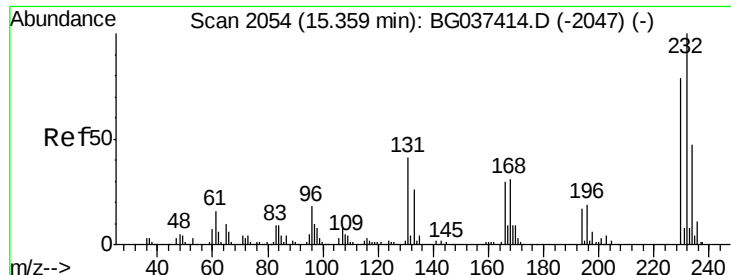
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.429 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 172343

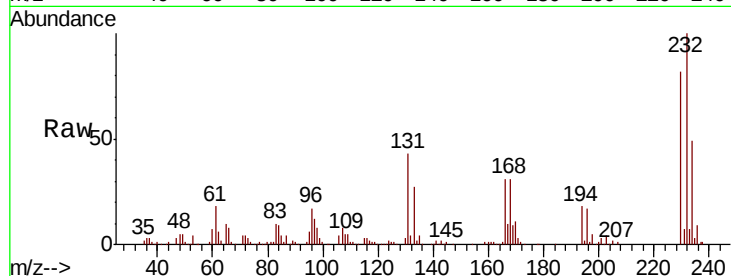
Ion Ratio Lower Upper

232 100

131 41.8 33.7 50.5

130 2.4 2.1 3.1

166 31.7 24.6 36.8

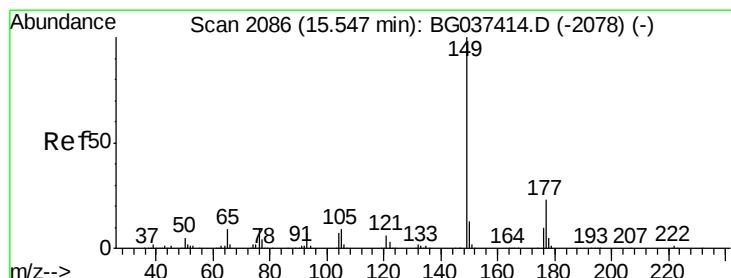
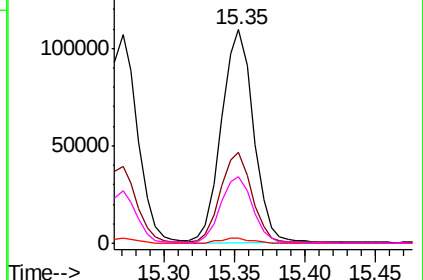
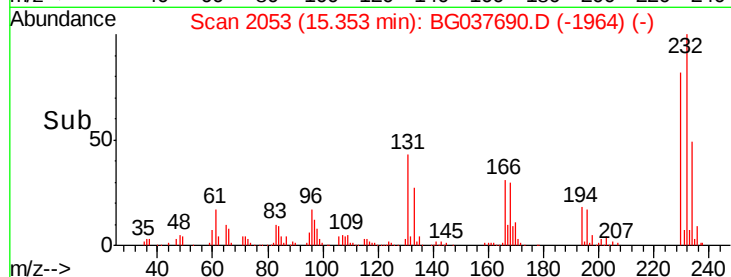


Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.359 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

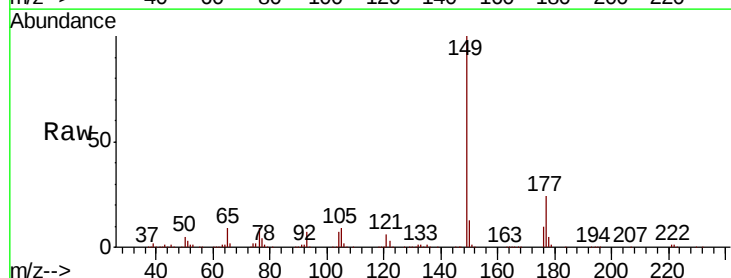
Tgt Ion:149 Resp: 653975

Ion Ratio Lower Upper

149 100

177 23.7 18.3 27.5

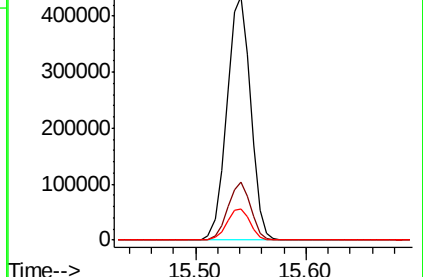
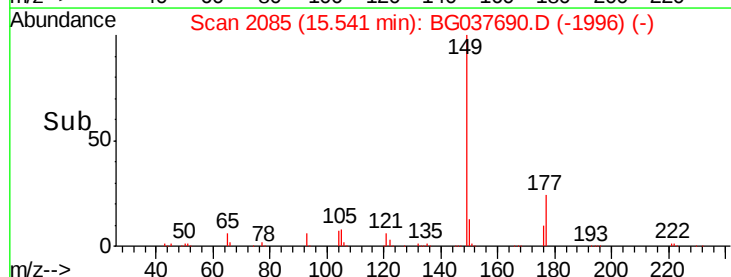
150 12.7 10.0 15.0

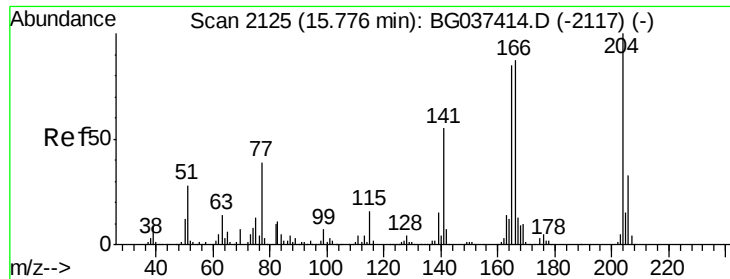


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

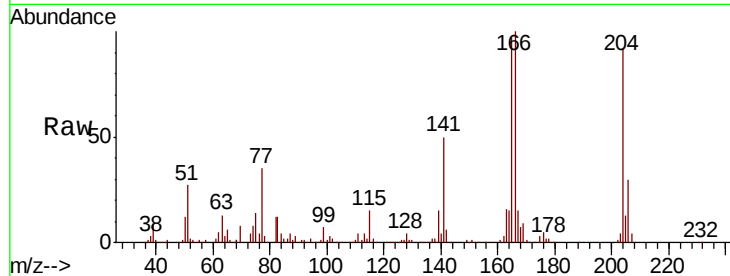




#61
4-Chlorophenyl-phenylether
Concen: 46.136 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	54.9	45.4	68.2

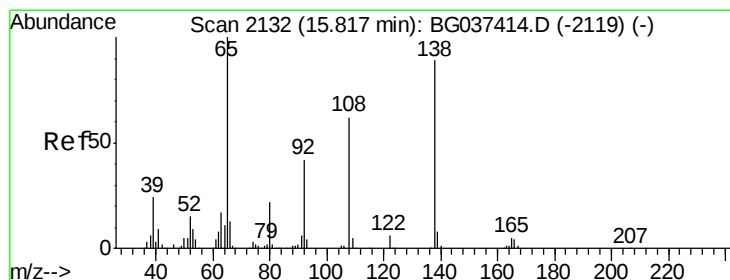
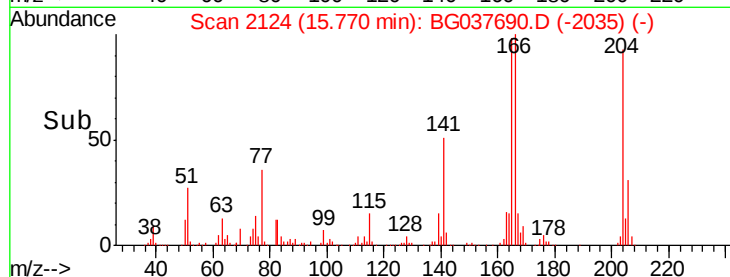
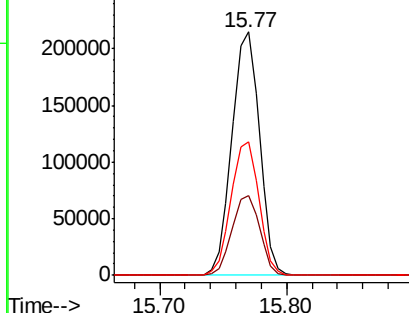


Abundance

Ion 204.00 (203.70 to 204.70): E

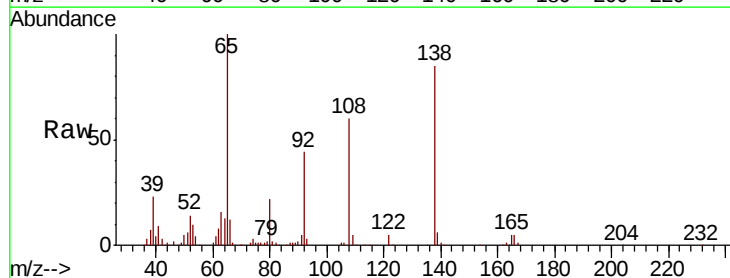
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.461 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	36.4	76.4
108	70.7	60.1	100.1

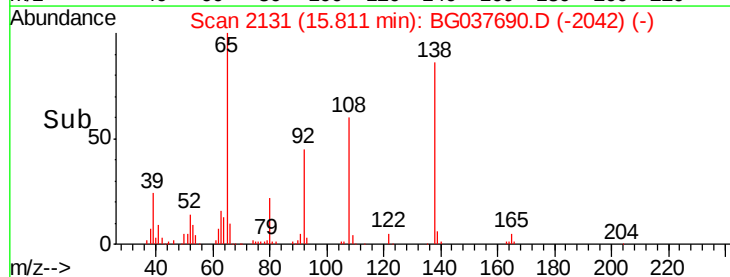
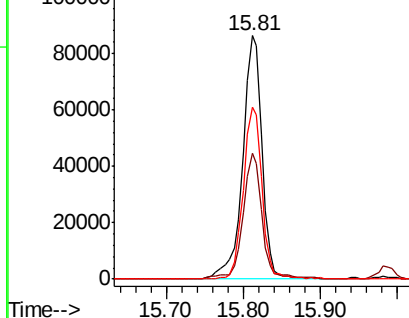


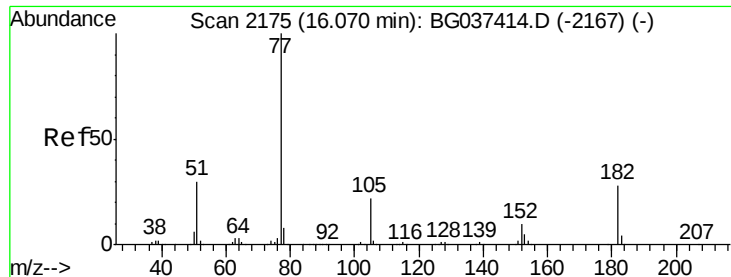
Abundance

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

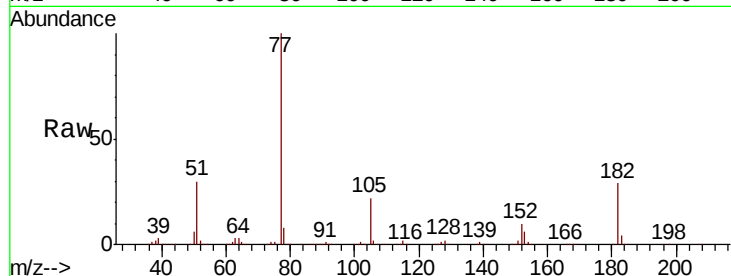




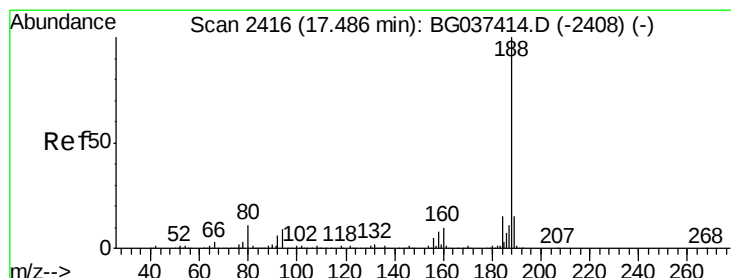
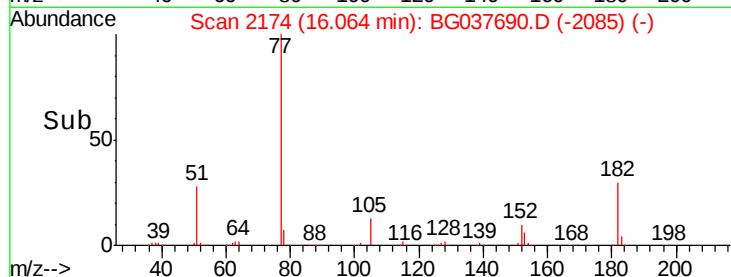
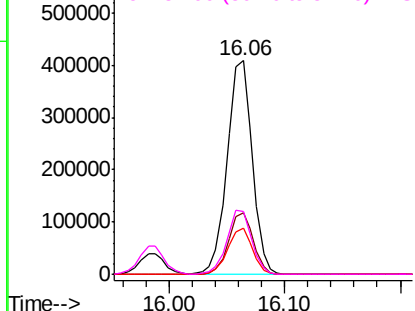
#63
Azobenzene
Concen: 48.565 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	8.0	48.0
105	21.7	1.3	41.3
51	29.5	10.7	50.7

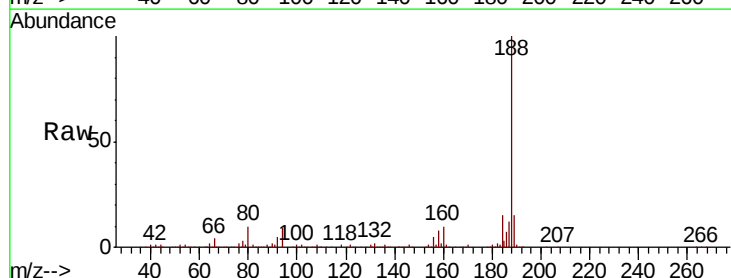


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

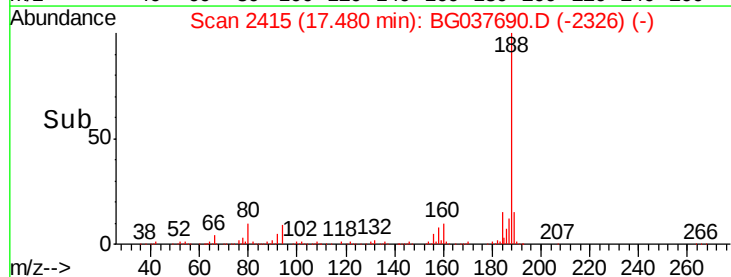
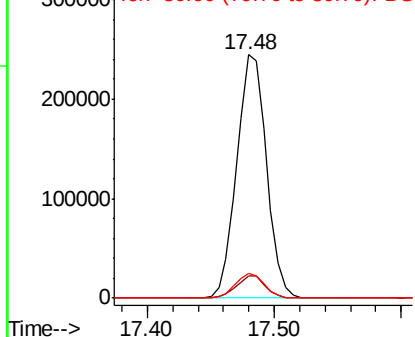


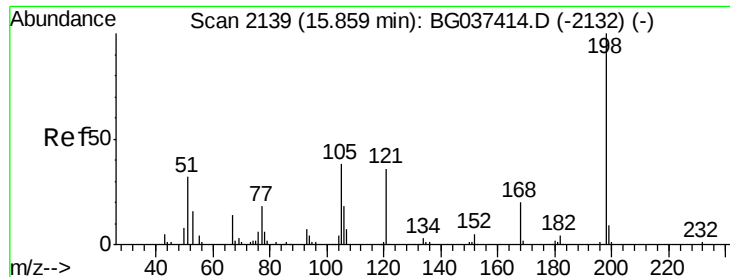
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.1	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: 39.932 ng

RT: 15.86 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

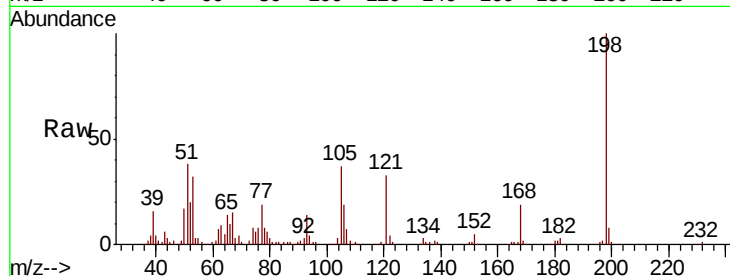
Tot Ion:198 Resp: 79441

Ion	Ratio	Lower	Upper
198	100		
51	38.2	22.7	62.7
105	36.9	19.7	59.7

198 100

51 38.2 22.7 62.7

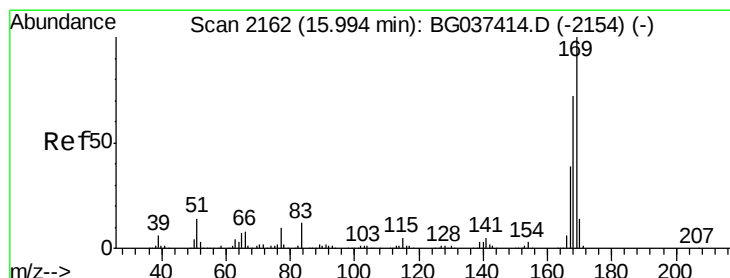
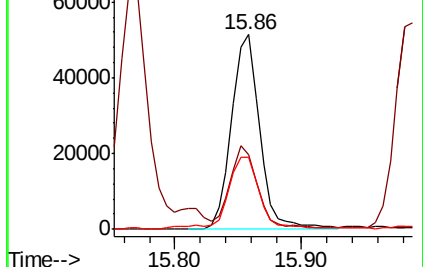
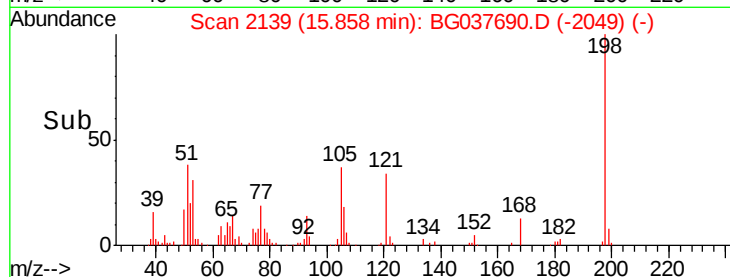
105 36.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037690.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.817 ng

RT: 15.99 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

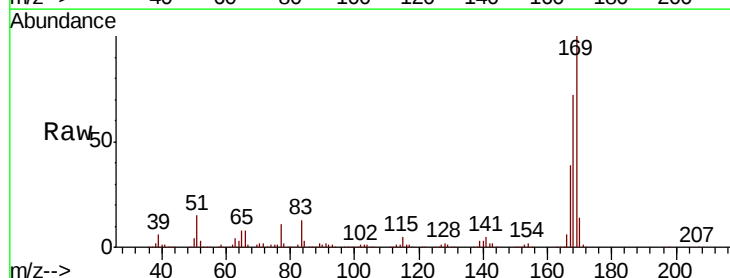
Tgt Ion:169 Resp: 558194

Ion	Ratio	Lower	Upper
169	100		
168	71.7	55.7	83.5
167	39.0	31.3	46.9

169 100

168 71.7 55.7 83.5

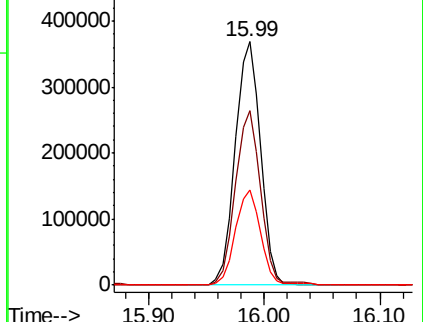
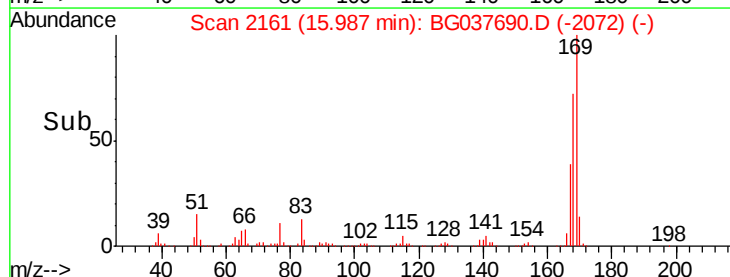
167 39.0 31.3 46.9

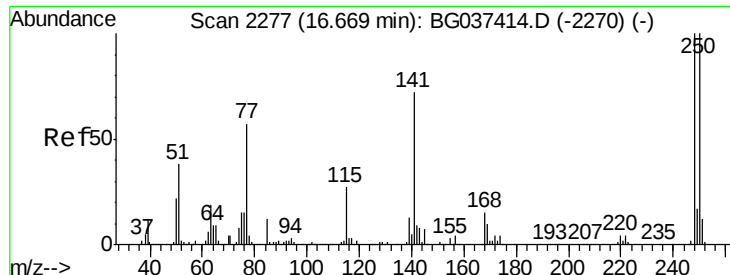


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

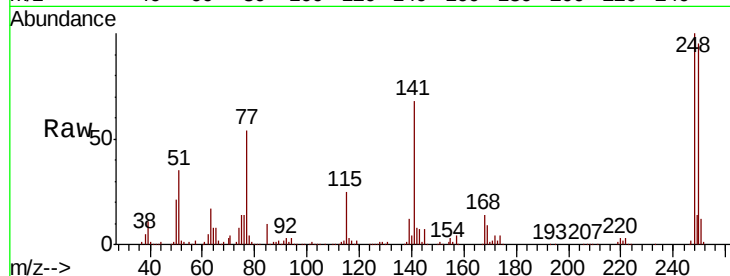




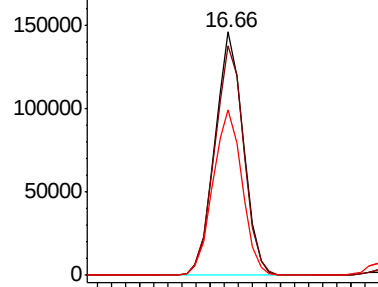
#67
 4-Bromophenyl-phenylether
 Concen: 47.163 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Instrument :
 BNA_G
 ClientSampled :

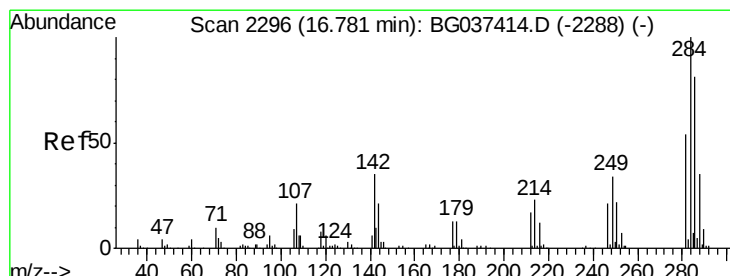
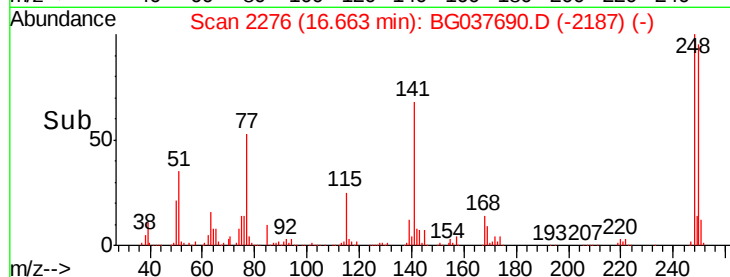
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	77.0	115.6
141	67.9	55.5	83.3



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

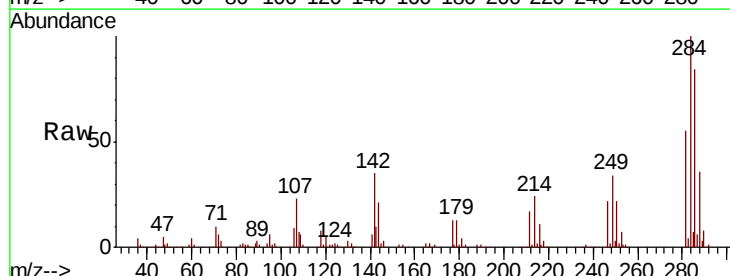


Time-->

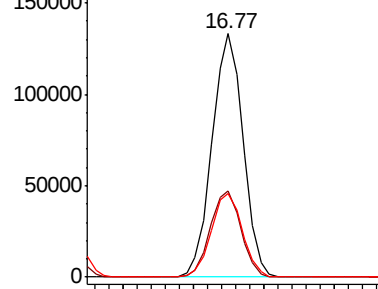


#68
 Hexachlorobenzene
 Concen: 45.335 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

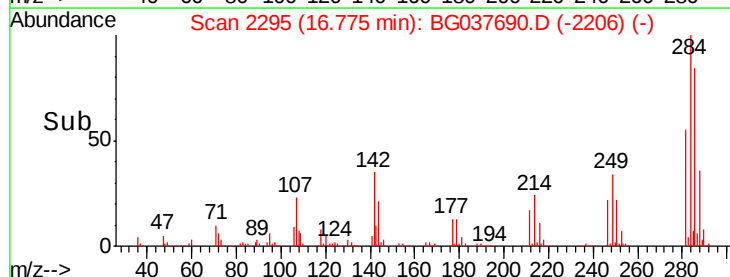
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.1	42.1
249	37.0	29.8	44.8

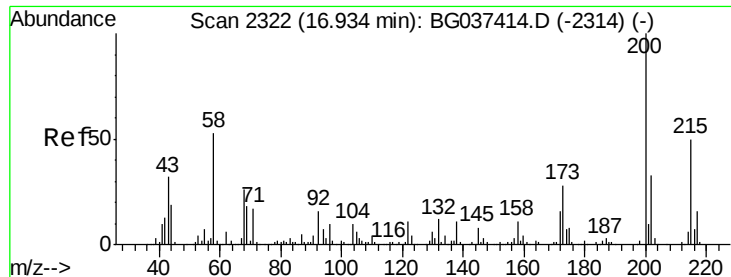


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E



Time-->

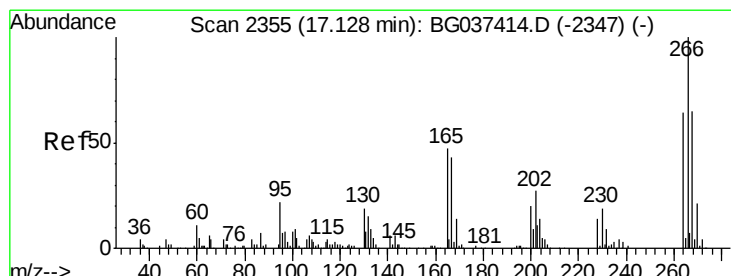
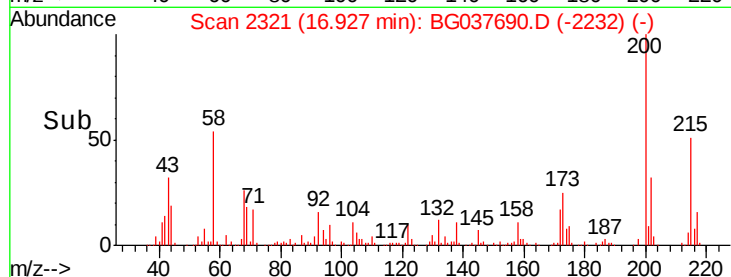
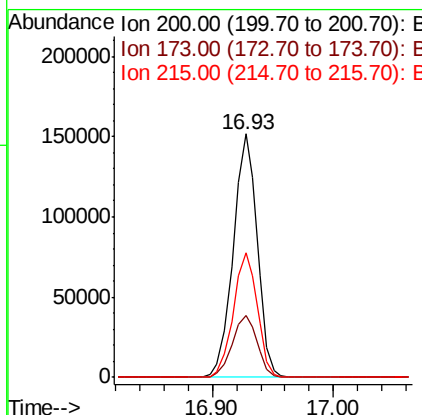
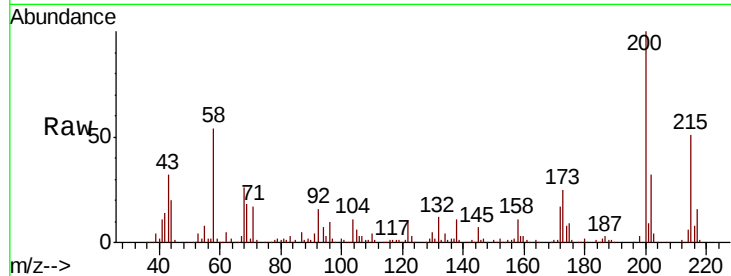




#69
 Atrazine
 Concen: 48.692 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

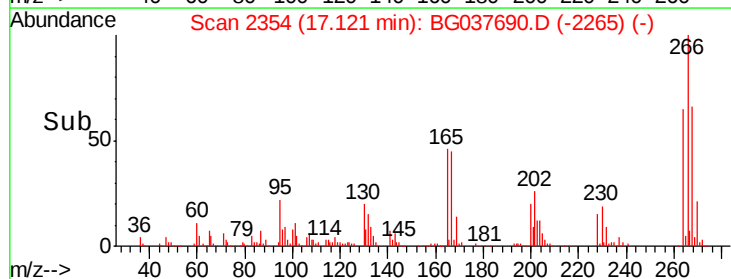
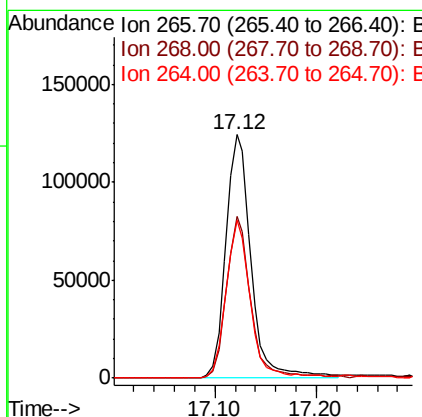
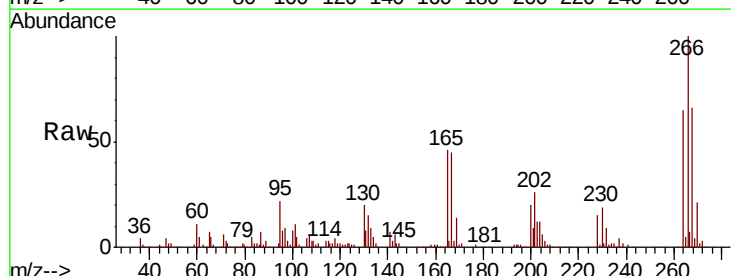
Instrument :
 BNA_G
 ClientSampleId :

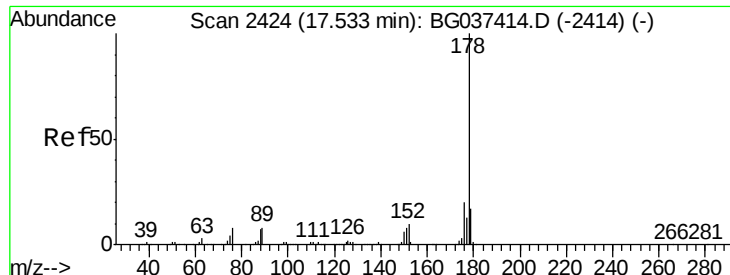
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.1	46.1
215	50.9	30.8	70.8



#70
 Pentachlorophenol
 Concen: 70.957 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	70.9	55.0	82.6
264	69.9	58.9	88.3

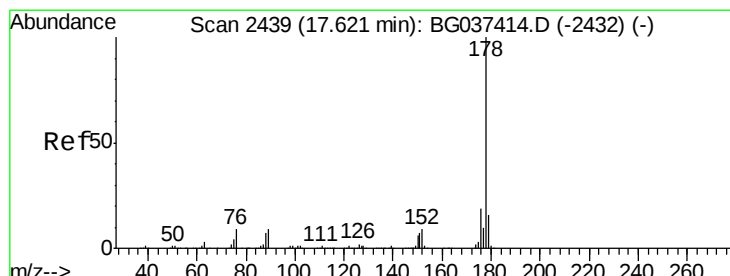
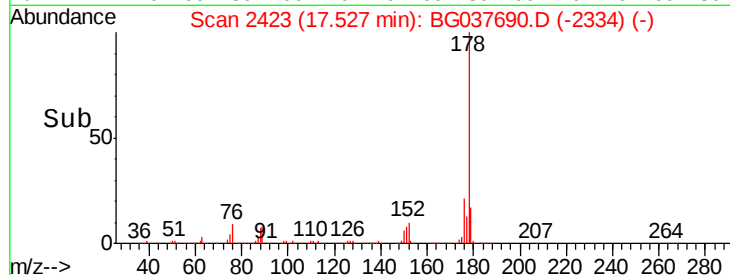
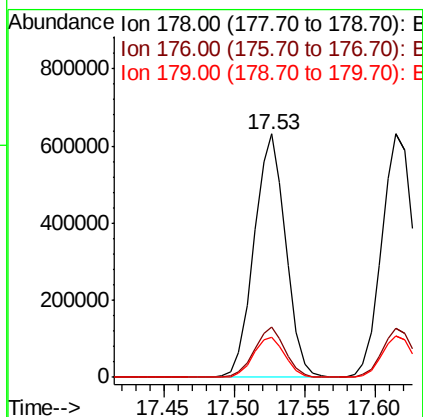
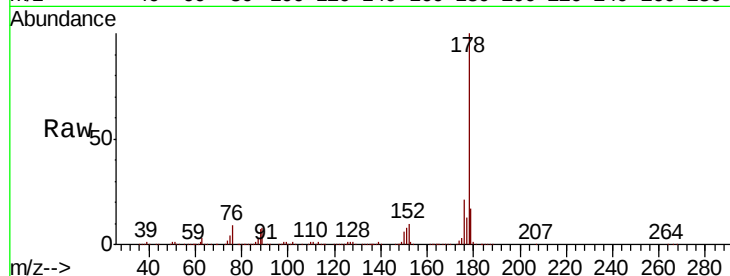




#71
Phenanthrene
Concen: 49.151 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

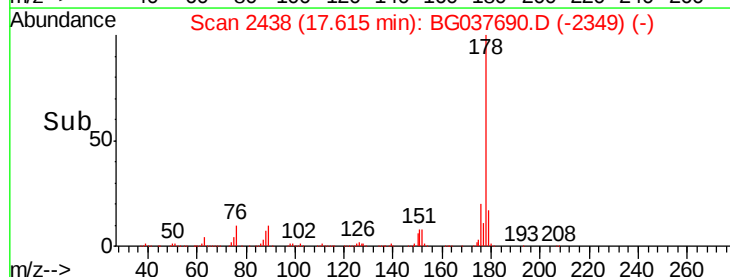
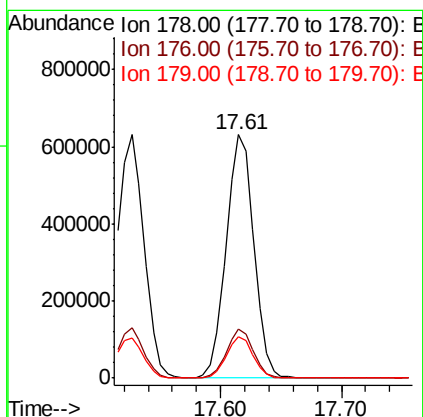
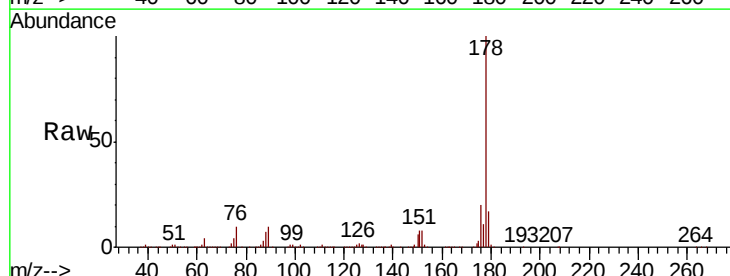
Instrument :
BNA_G
ClientSampleId :

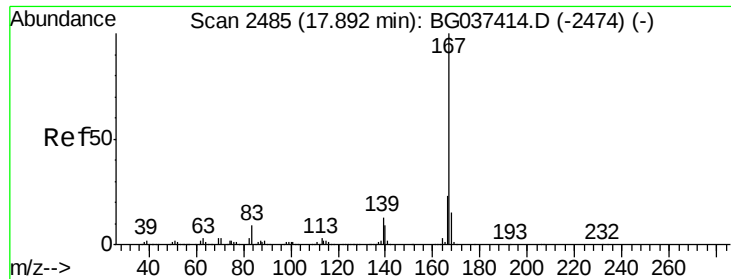
Tot Ion:178 Resp: 990128
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 16.7 13.0 19.4



#72
Anthracene
Concen: 50.637 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:178 Resp: 1001044
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.4
179 17.2 12.8 19.2

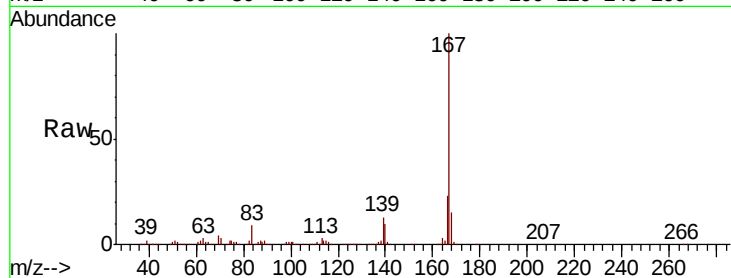




#73
 Carbazole
 Concen: 46.082 ng
 RT: 17.89 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.3	27.5
139	13.4	10.5	15.7

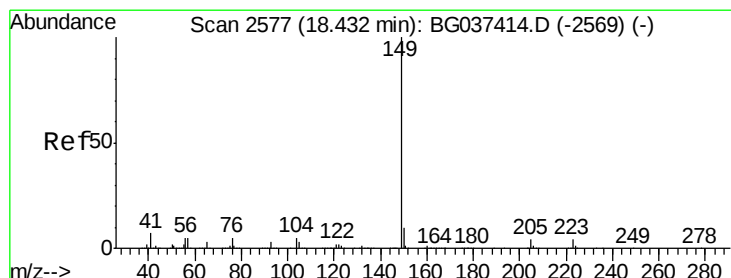
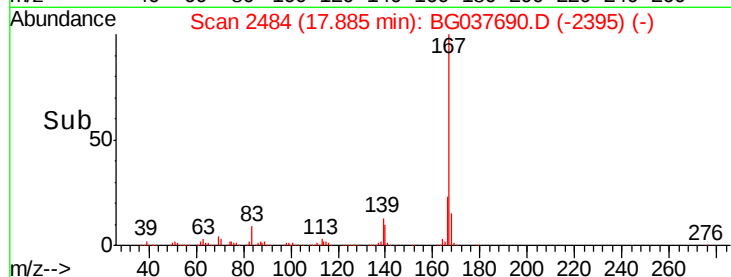
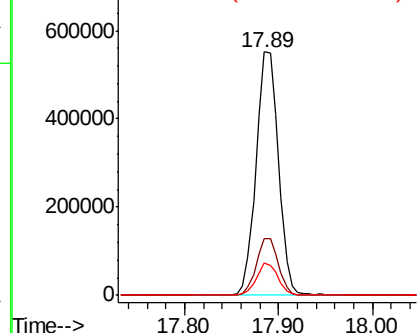


Abundance

Ion 167.00 (166.70 to 167.70): E

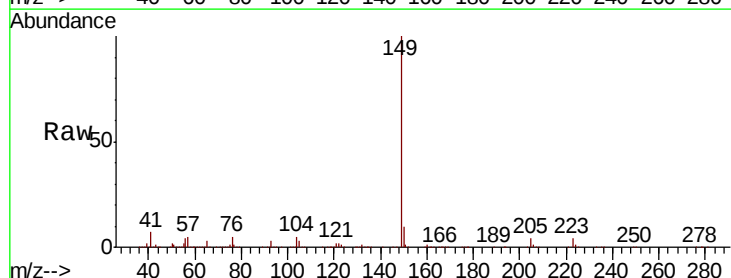
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 49.559 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037690.D
 Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	5.1	4.0	6.0

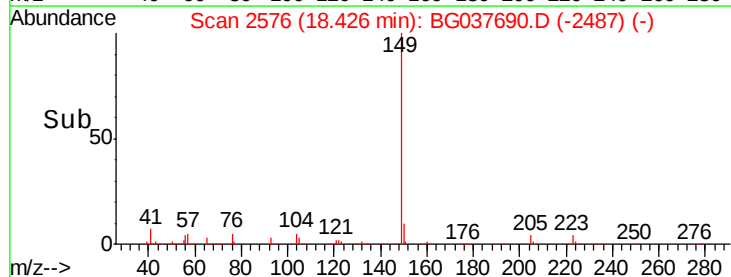
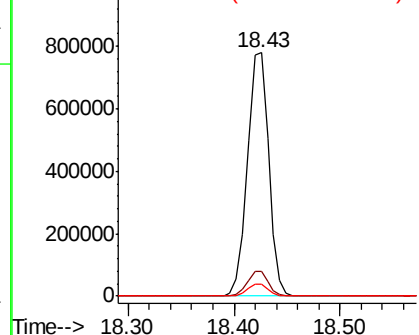


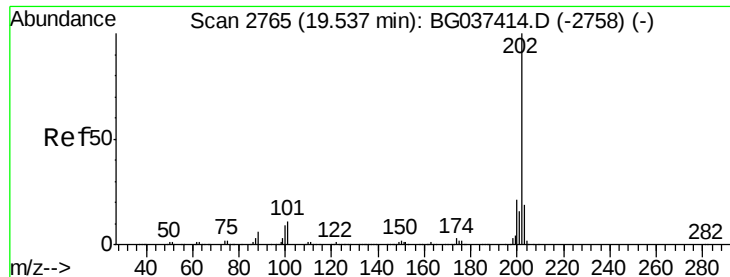
Abundance

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: 49.598 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

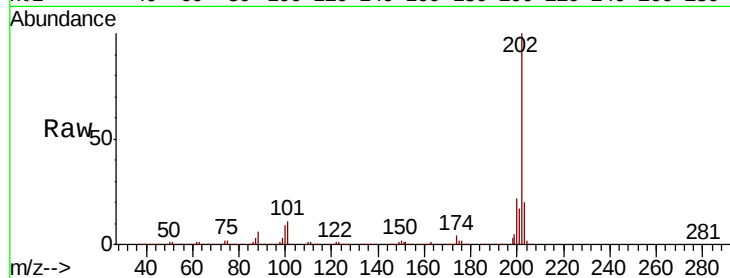
Tot Ion:202 Resp: 1133207

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.7

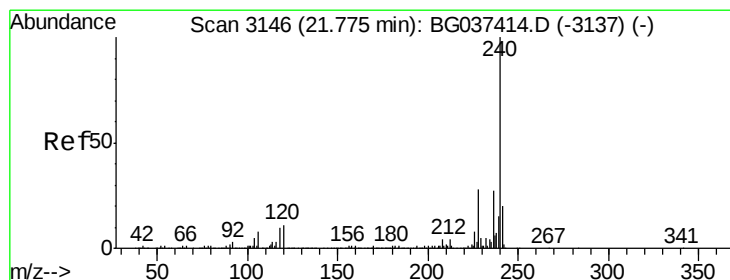
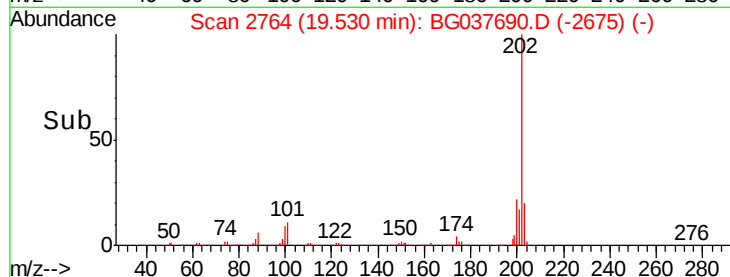
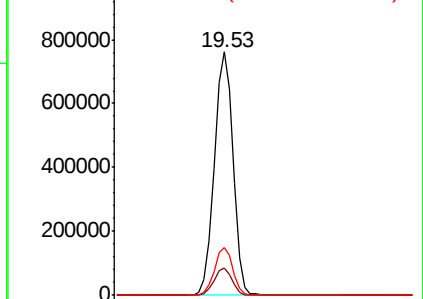
203 19.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

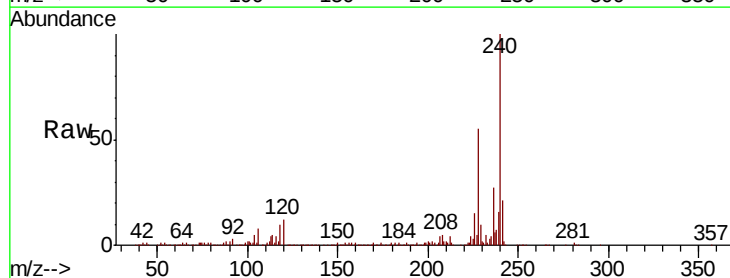
Tgt Ion:240 Resp: 342739

Ion Ratio Lower Upper

240 100

120 11.6 8.1 12.1

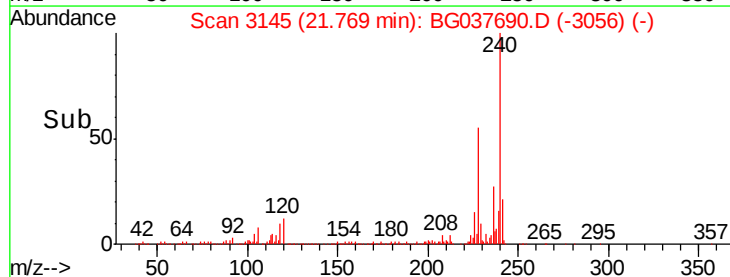
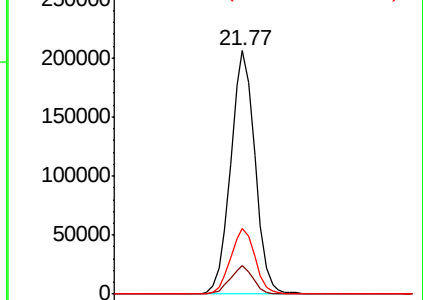
236 27.2 21.4 32.0

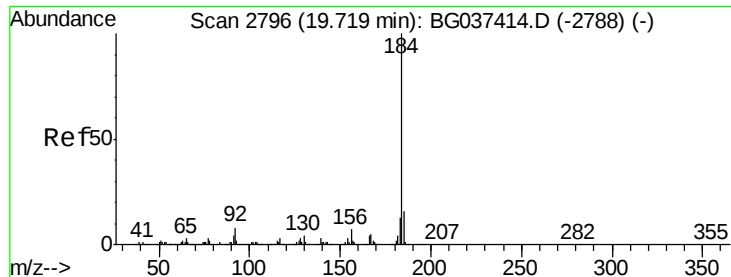


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 11.590 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

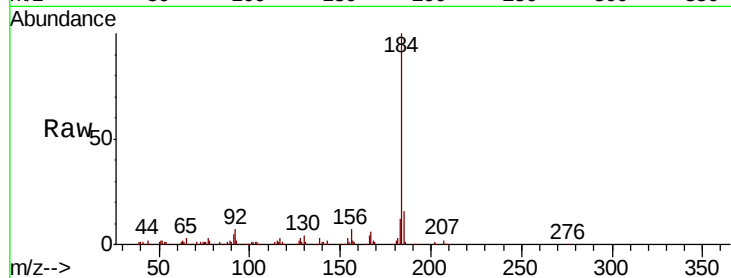
Tot Ion:184 Resp: 135072

Ion Ratio Lower Upper

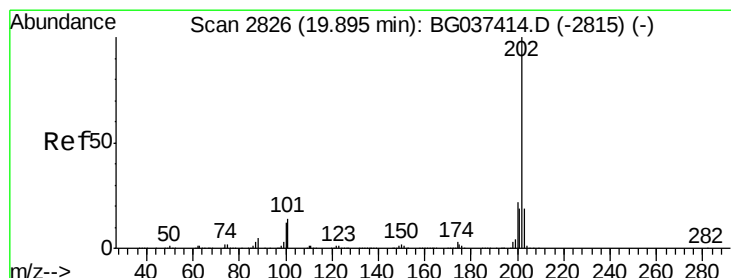
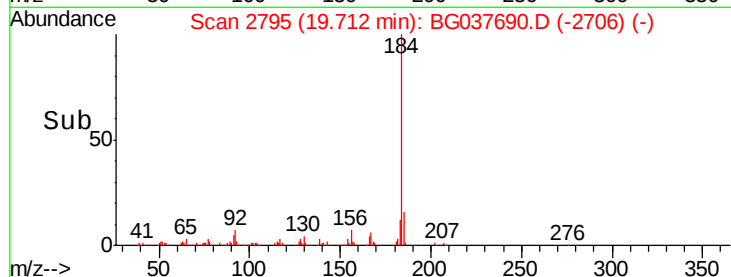
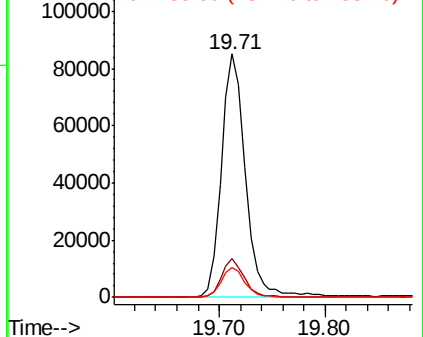
184 100

185 16.0 12.6 18.8

183 12.1 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.626 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

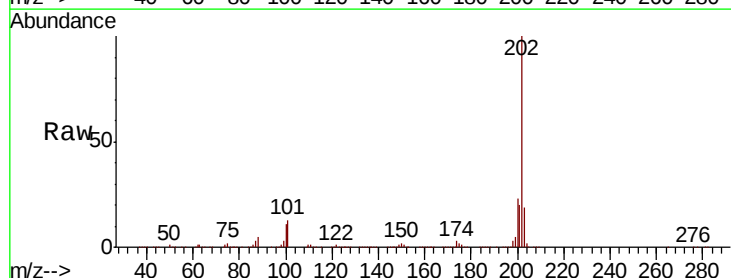
Tgt Ion:202 Resp: 1134293

Ion Ratio Lower Upper

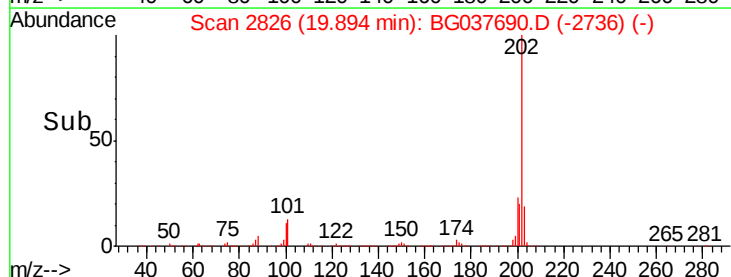
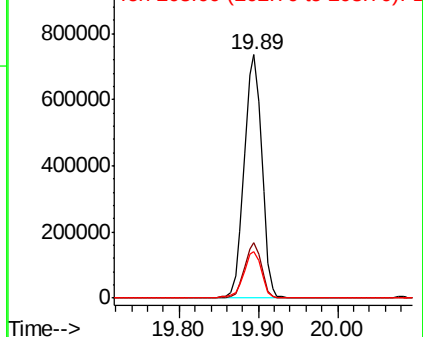
202 100

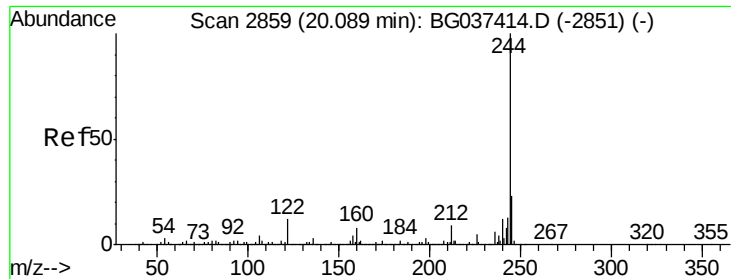
200 22.7 17.8 26.6

203 19.3 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: 79.317 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

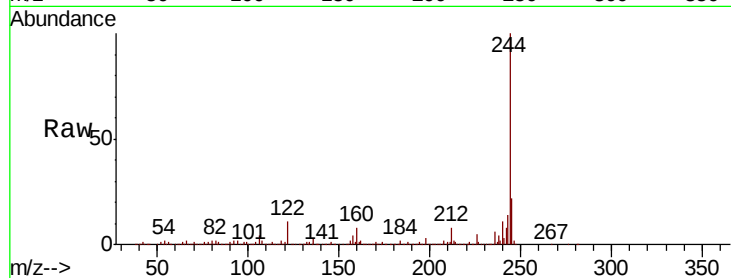
Tot Ion:244 Resp: 1272249

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

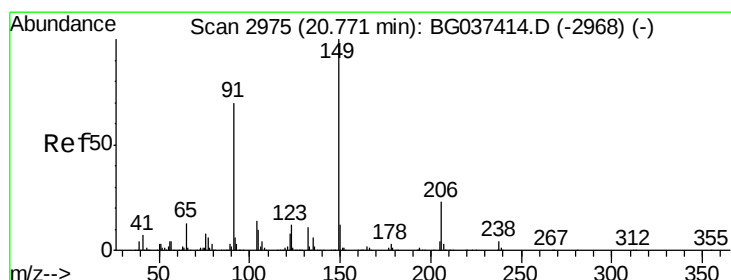
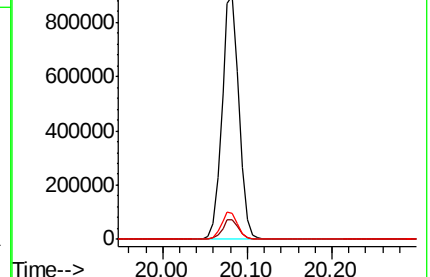
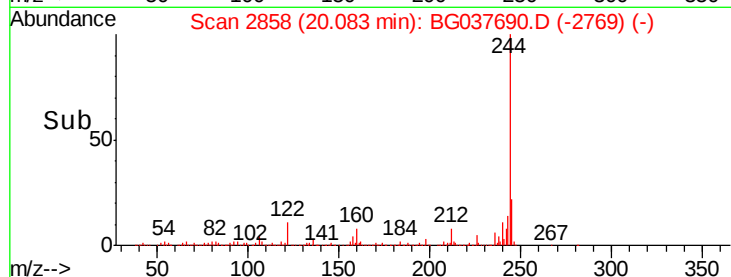
122 10.8 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.895 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

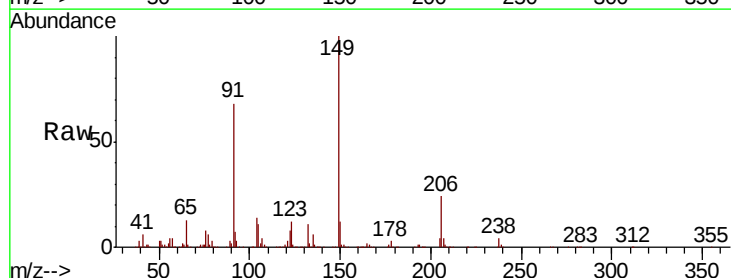
Tgt Ion:149 Resp: 494195

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

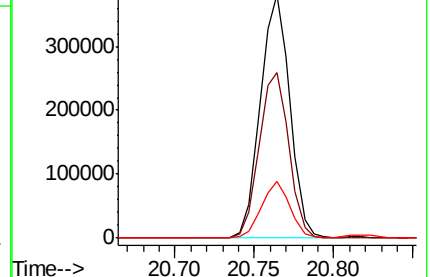
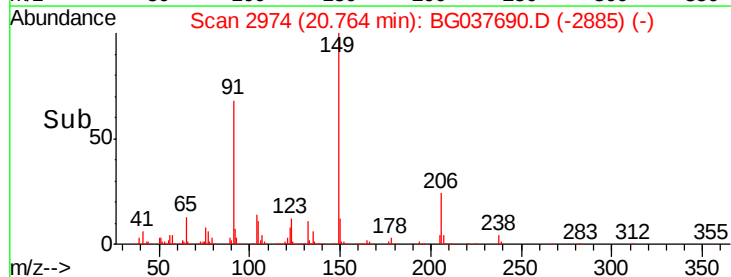
206 23.5 17.8 26.6

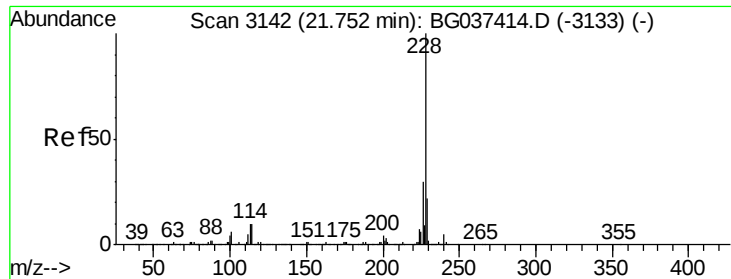


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.032 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

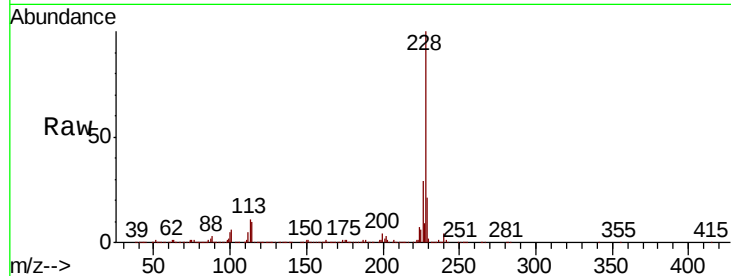
Tot Ion:228 Resp: 1054830

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

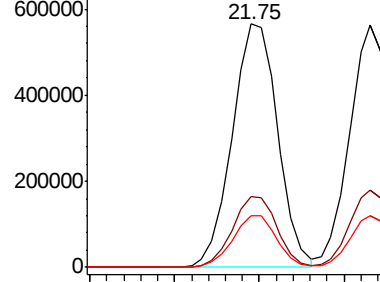
229 21.1 16.3 24.5



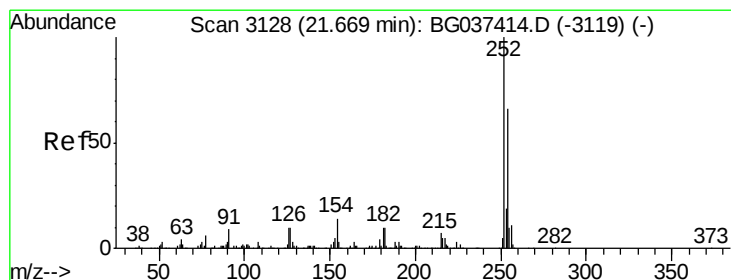
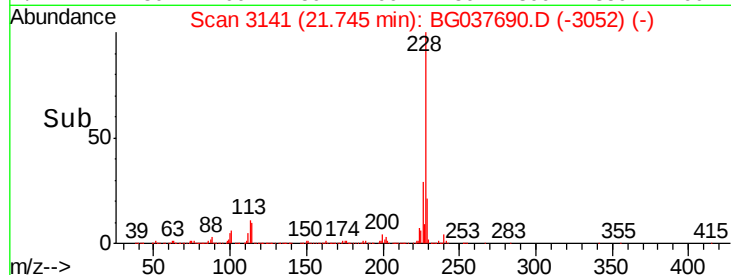
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.65 21.70 21.75 21.80



#82

3,3'-Dichlorobenzidine

Concen: 15.091 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

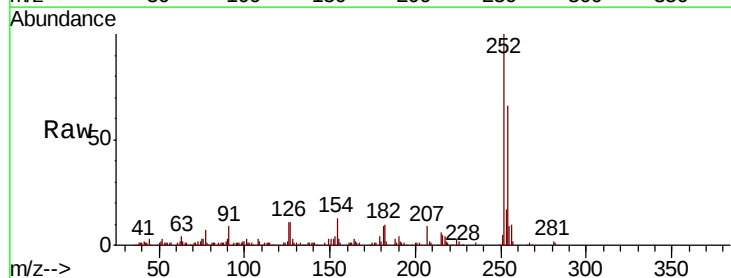
Tgt Ion:252 Resp: 118582

Ion Ratio Lower Upper

252 100

254 66.1 52.0 78.0

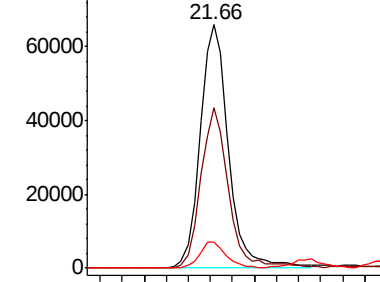
126 10.9 8.2 12.4



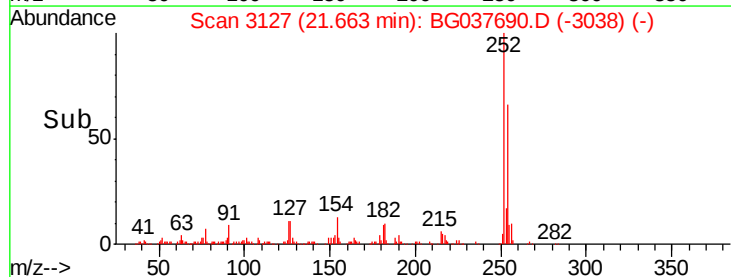
Abundance Ion 252.00 (251.70 to 252.70): E

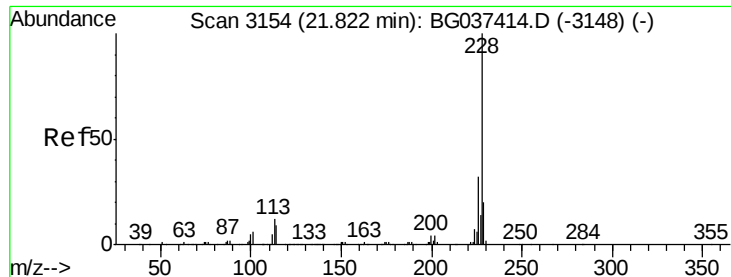
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time--> 21.60 21.70





#83

Chrysene

Concen: 50.822 ng

RT: 21.82 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

Instrument :

BNA_G

ClientSampleId :

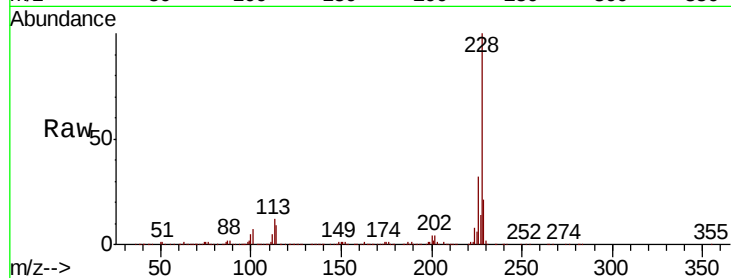
Tot Ion:228 Resp: 990702

Ion Ratio Lower Upper

228 100

226 32.0 25.7 38.5

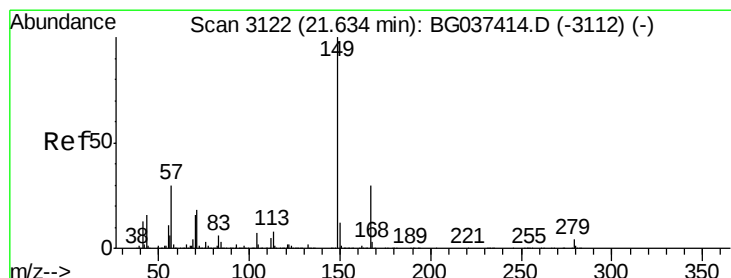
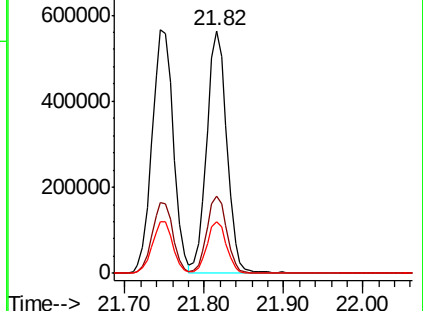
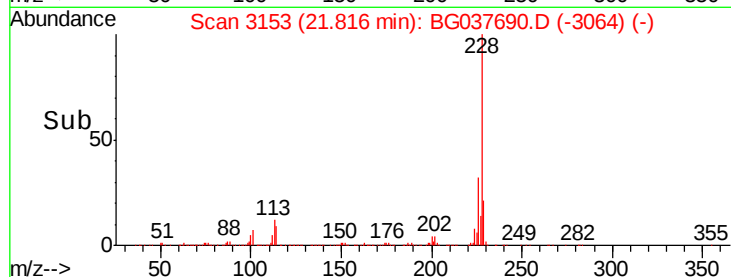
229 21.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.212 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG037690.D

Acq: 31 Oct 2018 18:56

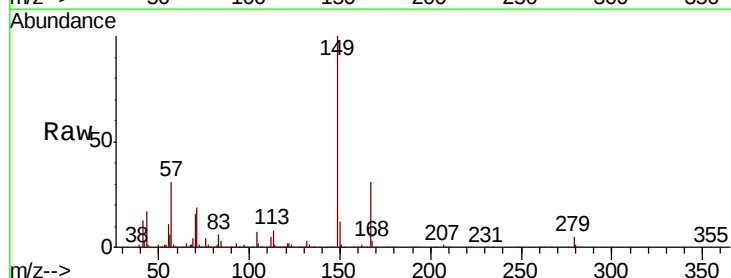
Tgt Ion:149 Resp: 683940

Ion Ratio Lower Upper

149 100

167 30.7 23.0 34.4

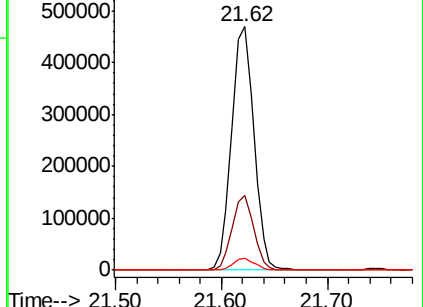
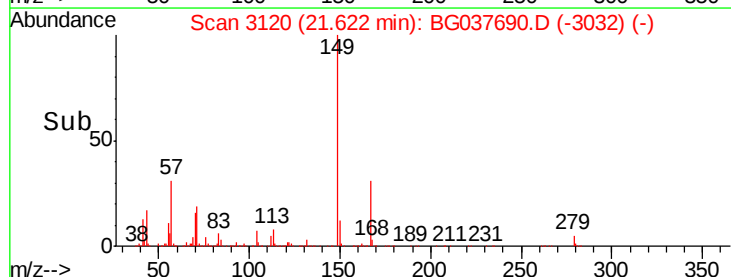
279 4.9 3.6 5.4

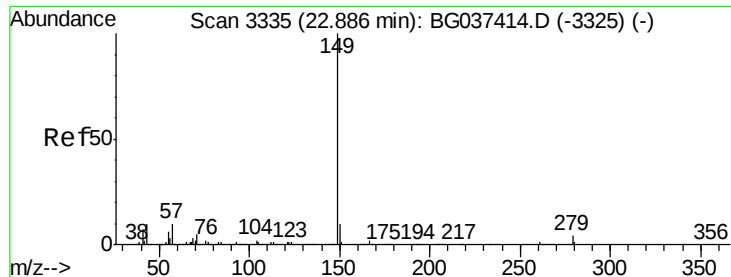


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

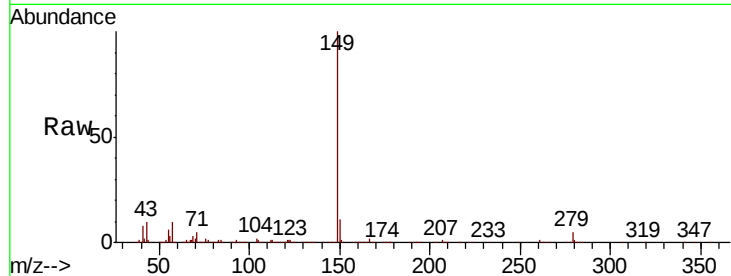




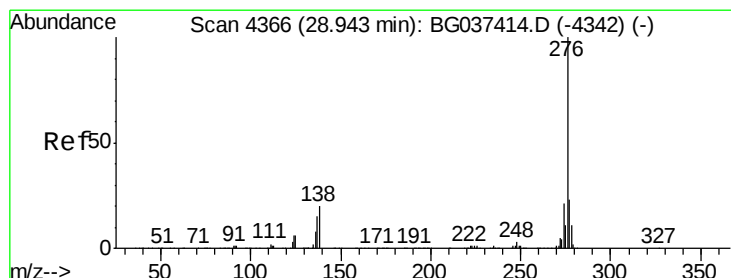
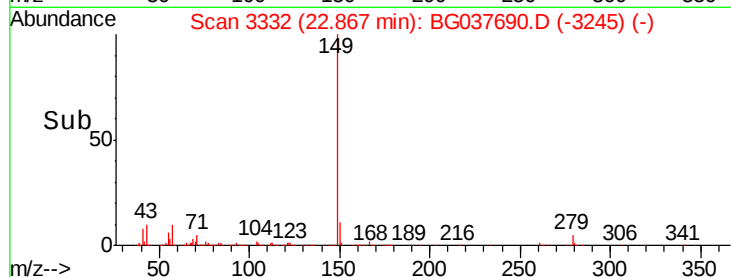
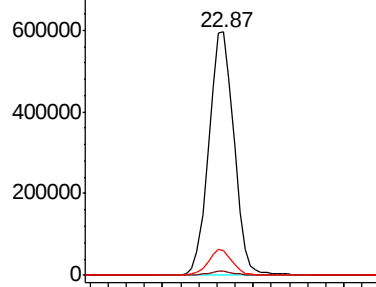
#85
Di-n-octyl phthalate
Concen: 54.861 ng
RT: 22.87 min Scan# 3332
Delta R.T. -0.02 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1149841
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 10.1 8.7 13.1

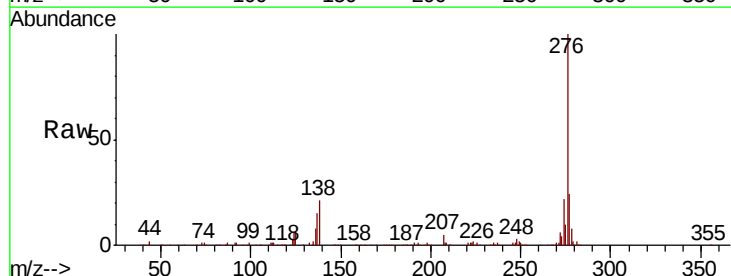


Abundance Ion 149.00 (148.70 to 149.70): E
800000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

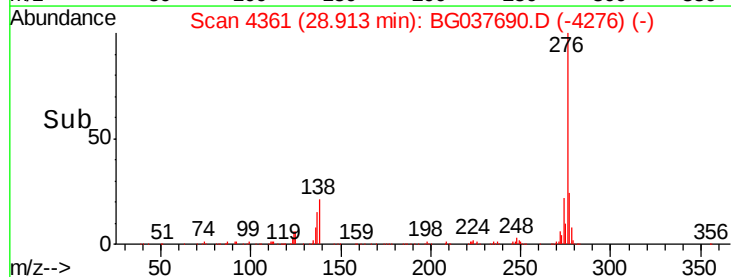
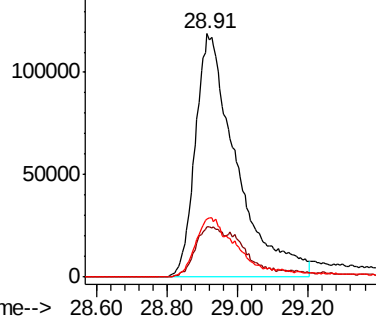


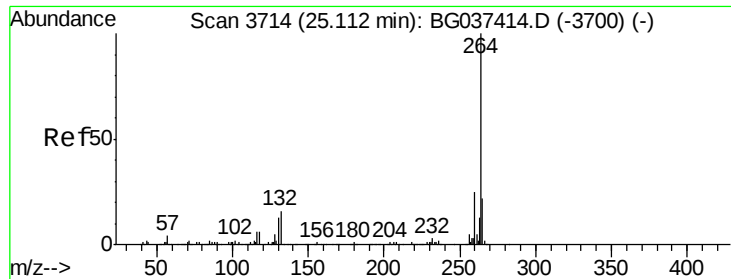
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.133 ng
RT: 28.91 min Scan# 4361
Delta R.T. -0.03 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:276 Resp: 964555
Ion Ratio Lower Upper
276 100
138 14.2 12.0 18.0
277 23.1 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
150000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



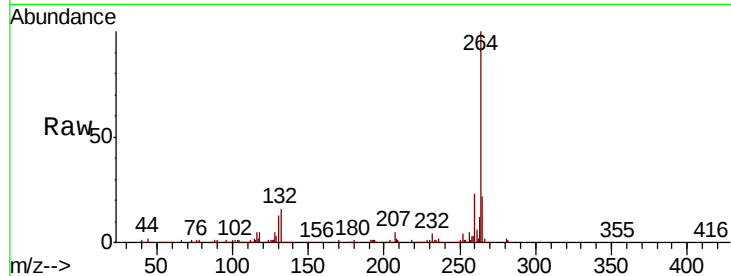


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

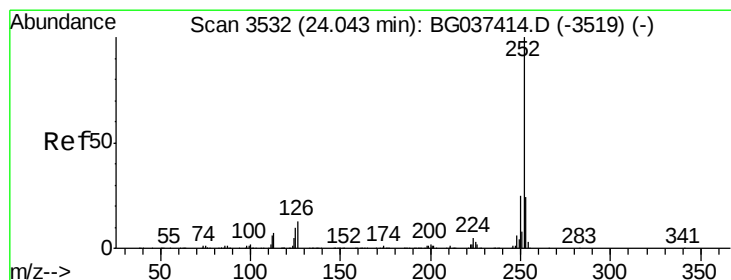
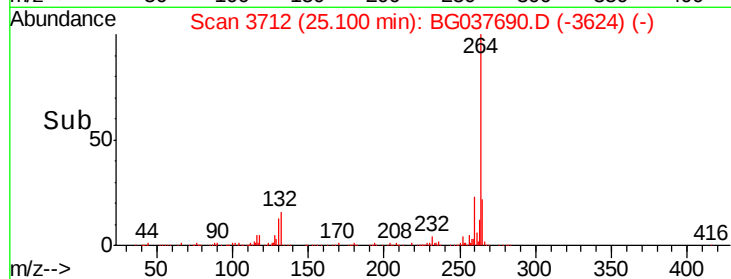
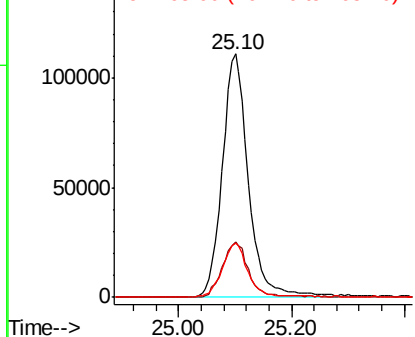
Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 357966

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.1	17.9	26.9



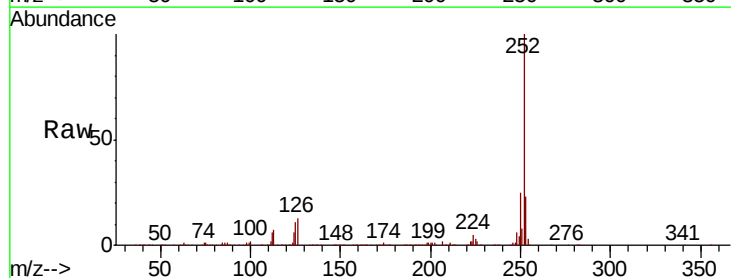
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



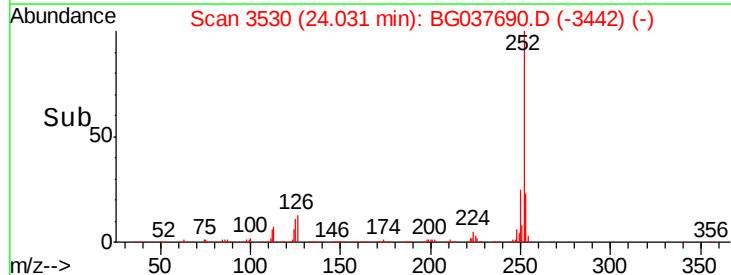
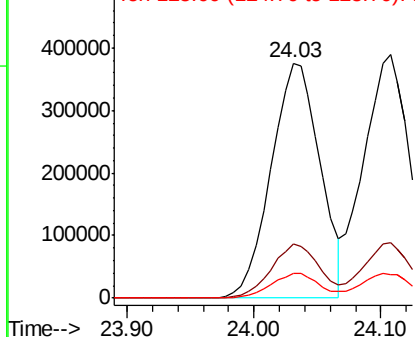
#88
Benzo(b)fluoranthene
Concen: 51.331 ng
RT: 24.03 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

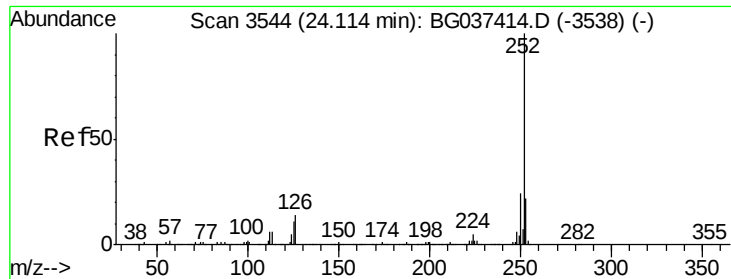
Tgt Ion:252 Resp: 1007375

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	10.6	7.8	11.6



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

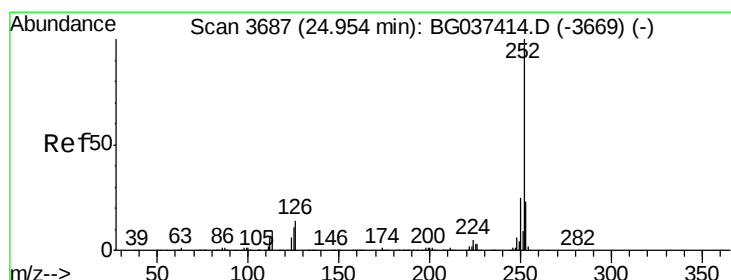
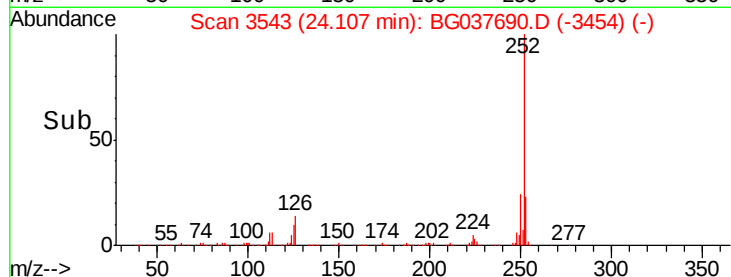
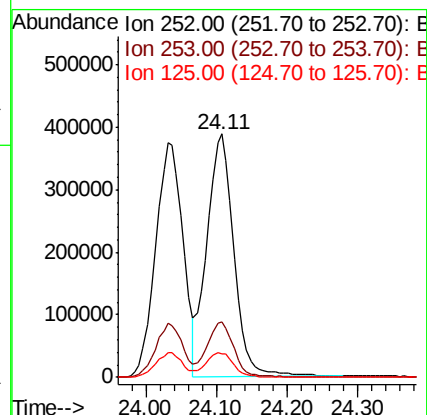
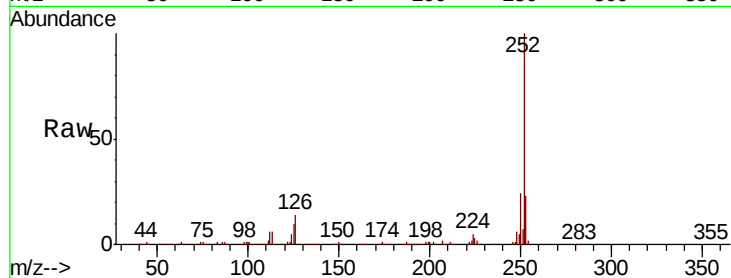




#89
Benzo(k)fluoranthene
Concen: 53.564 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

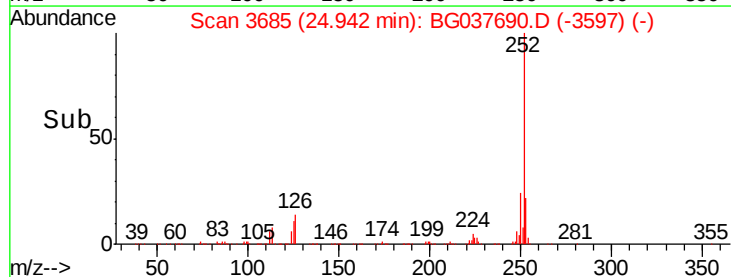
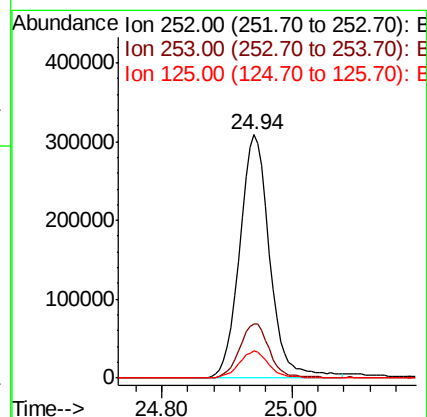
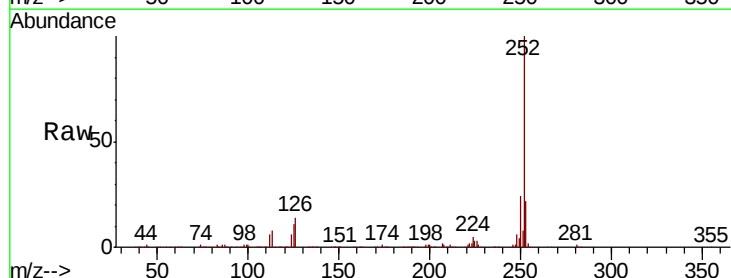
Instrument :
BNA_G
ClientSampleId :

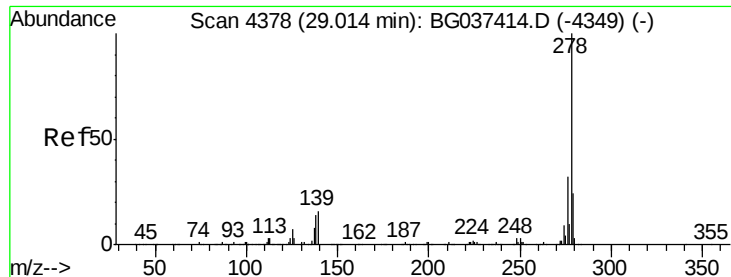
Tot Ion:252 Resp: 1029892
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 52.673 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion:252 Resp: 982259
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.4 9.0 13.6

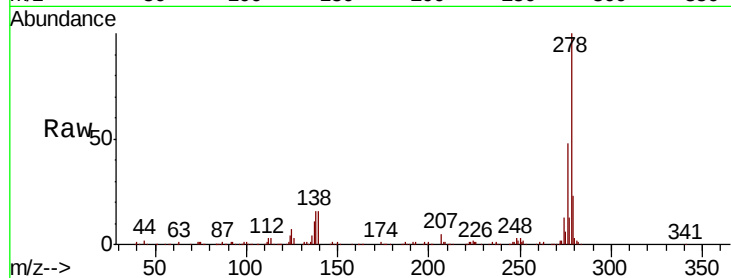




#91
Dibenzo(a,h)anthracene
Concen: 45.549 ng
RT: 29.00 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	11.5	17.3
279	23.4	18.6	27.8

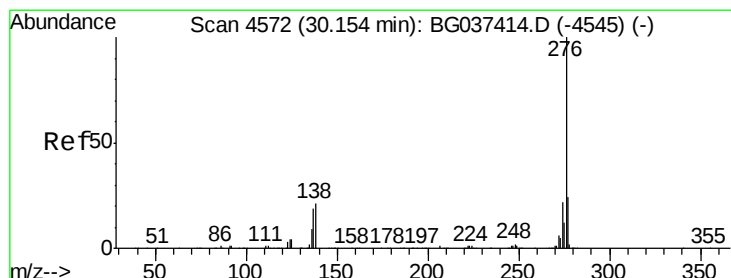
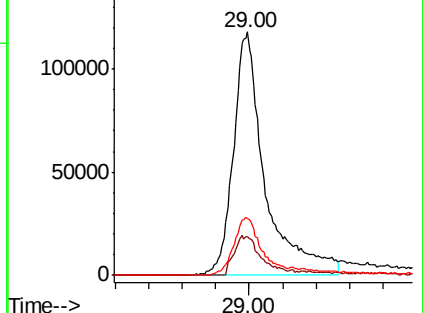
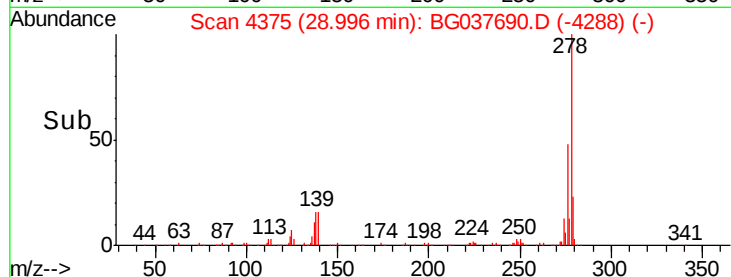


Abundance

Ion 278.00 (277.70 to 278.70): E

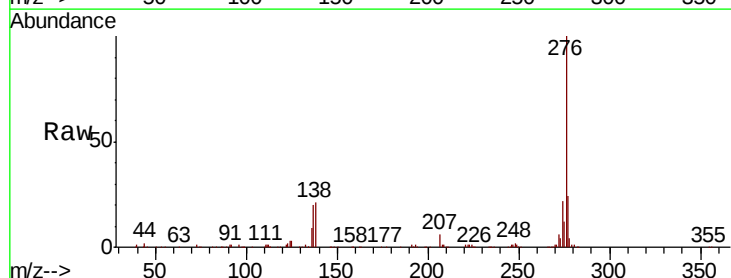
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.130 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.02 min
Lab File: BG037690.D
Acq: 31 Oct 2018 18:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	21.0	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

