

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
 Data File : BG037689.D
 Acq On : 31 Oct 2018 18:16
 Operator : JU/SJ
 Sample : J5737-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 01 07:02:25 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	64320	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	276839	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	186067	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	434718	20.00	ng	0.00
76) Chrysene-d12	21.77	240	389828	20.00	ng	0.00
87) Perylene-d12	25.10	264	405808	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	426064	110.75	ng	0.00
7) Phenol-d6	7.25	99	567375	97.53	ng	0.00
23) Nitrobenzene-d5	9.28	82	388835	78.68	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	236119	116.35	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	889118	72.06	ng	-0.01
79) Terphenyl-d14	20.08	244	1327593	72.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	58634	30.053	ng	# 88
3) Pyridine	3.94	79	167866	34.137	ng	91
4) n-Nitrosodimethylamine	3.85	42	80409	45.908	ng	# 91
6) Aniline	7.43	93	66706	9.399	ng	97
8) 2-Chlorophenol	7.66	128	205700	45.704	ng	99
9) Benzaldehyde	7.24	77	161980	44.511	ng	94
10) Phenol	7.27	94	239014	38.940	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	193092	41.419	ng	98
12) 1,3-Dichlorobenzene	7.98	146	197849	39.487	ng	99
13) 1,4-Dichlorobenzene	8.14	146	204339	39.869	ng	98
14) 1,2-Dichlorobenzene	8.46	146	193603	39.269	ng	98
15) Benzyl Alcohol	8.34	79	189564	44.100	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	351810	42.176	ng	98
17) 2-Methylphenol	8.54	107	182071	44.867	ng	100
18) Hexachloroethane	9.18	117	72180	41.310	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	163946	40.925	ng	95
20) 3+4-Methylphenols	8.87	107	253560	43.703	ng	97
22) Acetophenone	8.93	105	308425	44.422	ng	# 97
24) Nitrobenzene	9.32	77	234424	45.662	ng	95
25) Isophorone	9.84	82	466641	51.679	ng	99
26) 2-Nitrophenol	10.04	139	117981	51.013	ng	98
27) 2,4-Dimethylphenol	10.08	122	218341	52.875	ng	99
28) bis(2-Chloroethoxy)methane	10.32	93	279504	47.245	ng	98
29) 2,4-Dichlorophenol	10.56	162	226747	49.317	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	213718	42.745	ng	97
31) Naphthalene	10.98	128	640259	47.086	ng	99
32) Benzoic acid	10.20	122	108974	40.630	ng	99
33) 4-Chloroaniline	11.09	127	13580	2.126	ng	96
34) Hexachlorobutadiene	11.23	225	123590	41.707	ng	96
35) Caprolactam	11.87	113	45469	24.658	ng	98
36) 4-Chloro-3-methylphenol	12.19	107	246529	47.545	ng	99
37) 2-Methylnaphthalene	12.57	142	487139	49.146	ng	98
38) 1-Methylnaphthalene	12.79	142	463726	48.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	248107	41.340	ng	99

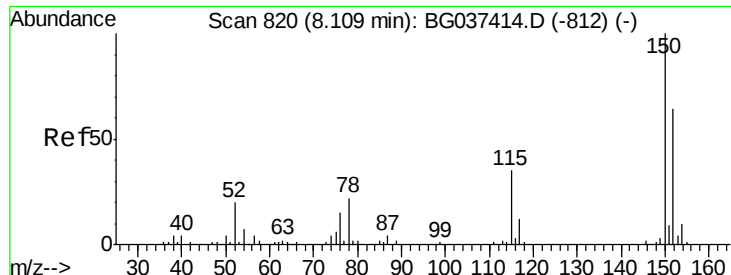
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
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 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	251002	87.553	nq	95
43) 2,4,6-Trichlorophenol	13.17	196	192504	48.011	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	213034	48.799	nq	98
46) 1,1'-Biphenyl	13.57	154	632317	41.034	nq	99
47) 2-Chloronaphthalene	13.62	162	501343	43.004	nq	99
48) 2-Nitroaniline	13.83	65	172172	48.701	nq	94
49) Acenaphthylene	14.47	152	826970	47.156	nq	99
50) Dimethylphthalate	14.18	163	657824	45.700	nq	100
51) 2,6-Dinitrotoluene	14.32	165	153018	48.053	nq	91
52) Acenaphthene	14.80	154	484439	44.854	nq	98
53) 3-Nitroaniline	14.65	138	29237	8.271	nq	# 94
54) 2,4-Dinitrophenol	14.85	184	77653	63.649	nq	92
55) Dibenzofuran	15.14	168	778292	43.494	nq	100
56) 4-Nitrophenol	14.95	139	290119	110.874	nq	97
57) 2,4-Dinitrotoluene	15.10	165	210527	50.365	nq	96
58) Fluorene	15.78	166	632505	47.201	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	179447	48.009	nq	98
60) Diethylphthalate	15.54	149	672042	45.475	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	335546	42.961	nq	99
62) 4-Nitroaniline	15.81	138	157040	44.707	nq	90
63) Azobenzene	16.06	77	635314	45.058	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	86180	39.590	nq	99
66) n-Nitrosodiphenylamine	15.99	169	582533	44.548	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	210607	44.116	nq	99
68) Hexachlorobenzene	16.77	284	211634	42.774	nq	99
69) Atrazine	16.93	200	217914	46.092	nq	99
70) Pentachlorophenol	17.12	266	228070	68.817	nq	96
71) Phenanthrene	17.53	178	1029709	46.606	nq	99
72) Anthracene	17.61	178	1042634	48.088	nq	97
73) Carbazole	17.89	167	945347	43.588	nq	100
74) Di-n-butylphthalate	18.43	149	1133489	46.981	nq	100
75) Fluoranthene	19.53	202	1180265	47.100	nq	98
77) Benzidine	19.71	184	103797	7.831	nq	97
78) Pyrene	19.89	202	1181289	46.355	nq	99
80) Butylbenzylphthalate	20.76	149	515701	49.447	nq	96
81) Benzo(a)anthracene	21.75	228	1114380	48.329	nq	98
82) 3,3'-Dichlorobenzidine	21.66	252	98615	11.034	nq	99
83) Chrysene	21.82	228	1041210	46.961	nq	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	720604	49.292	nq	97
85) Di-n-octyl phthalate	22.87	149	1209443	50.734	nq	98
86) Indeno(1,2,3-cd)pyrene	28.94	276	1079929	45.412	nq	# 90
88) Benzo(b)fluoranthene	24.04	252	1084025	48.725	nq	99
89) Benzo(k)fluoranthene	24.11	252	1047343	48.050	nq	96
90) Benzo(a)pyrene	24.95	252	1046665	49.510	nq	99
91) Dibenzo(a,h)anthracene	28.99	278	831129	42.621	nq	97
92) Benzo(g,h,i)perylene	30.13	276	849724	43.070	nq	98

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

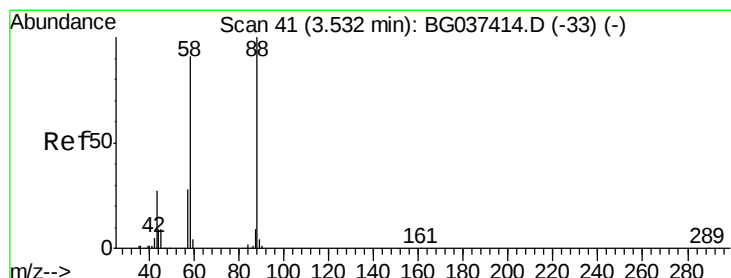
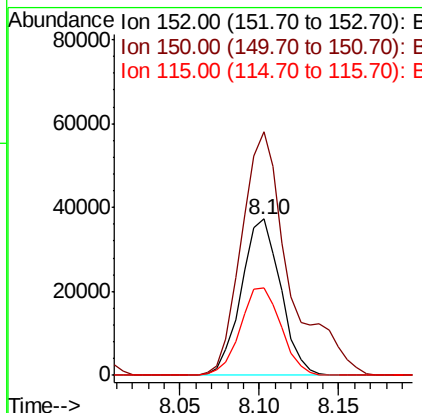
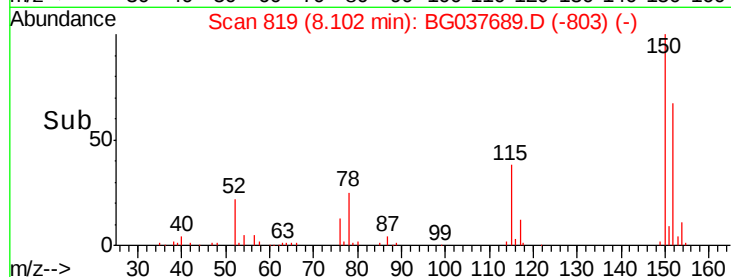
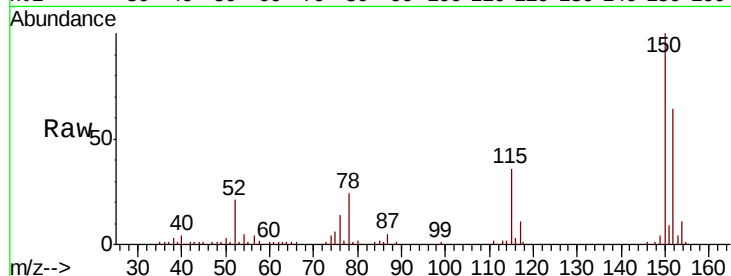


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

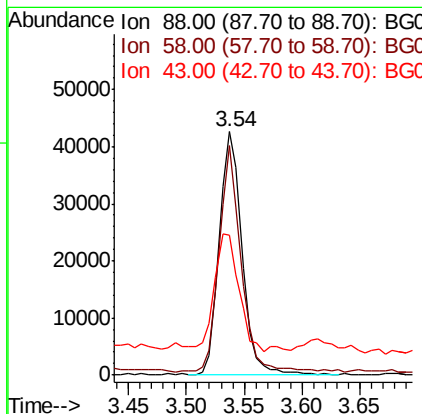
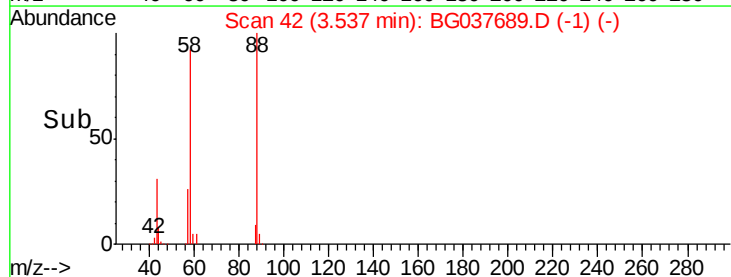
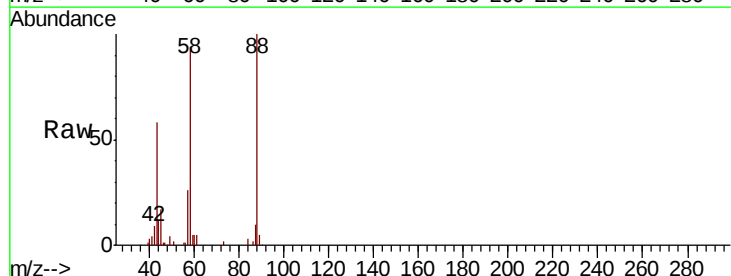
Tot Ion:152 Resp: 64320
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 56.2 45.5 68.3

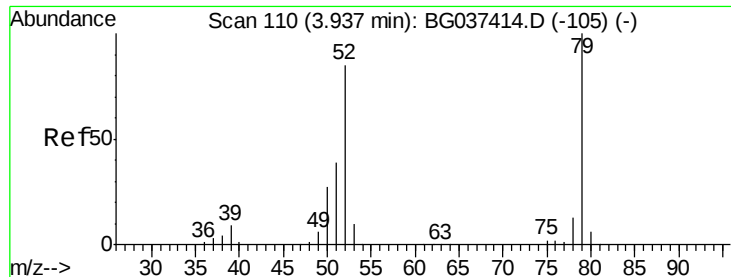


#2

1,4-Dioxane
Concen: 30.053 ng
RT: 3.54 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion: 88 Resp: 58634
Ion Ratio Lower Upper
88 100
58 89.0 74.4 111.6
43 51.8 25.8 38.8#





#3

Pvridine

Concen: 34.137 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

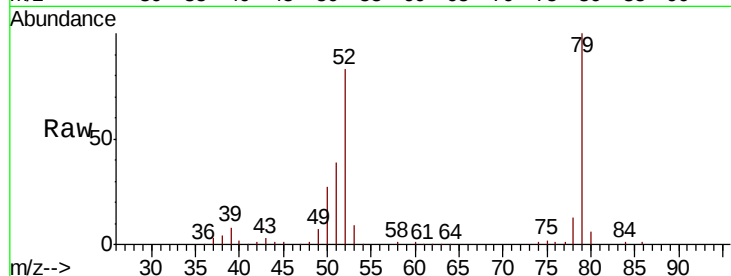
Tot Ion: 79 Resp: 167866

Ion Ratio Lower Upper

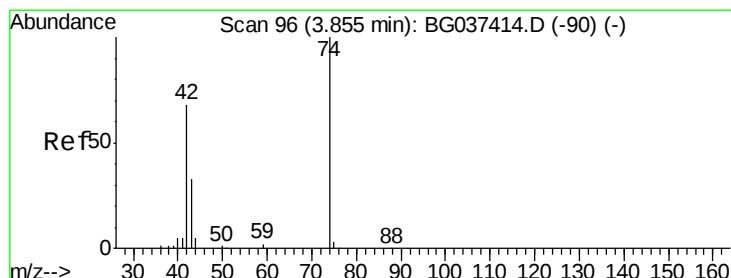
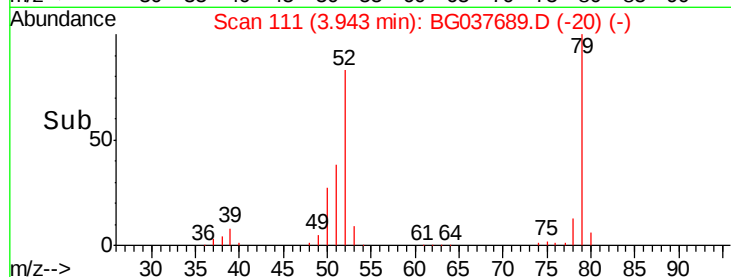
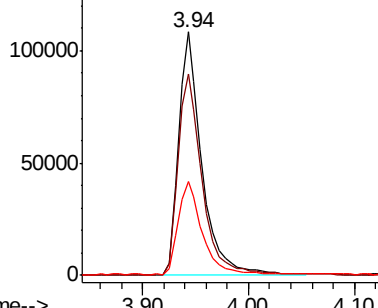
79 100

52 82.9 74.2 111.2

51 38.7 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: 45.908 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

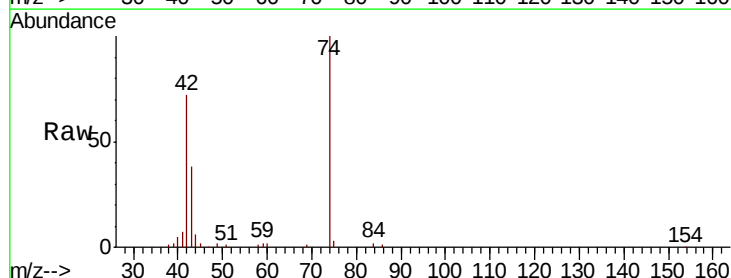
Tgt Ion: 42 Resp: 80409

Ion Ratio Lower Upper

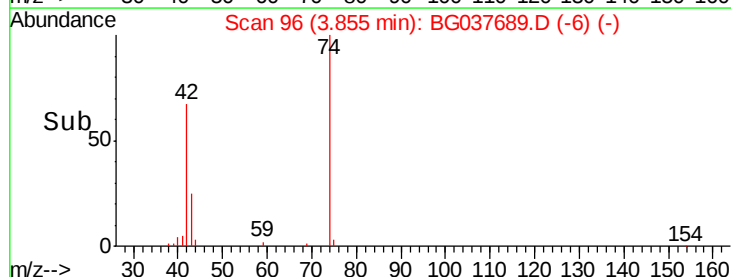
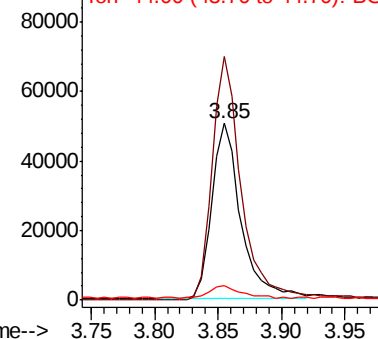
42 100

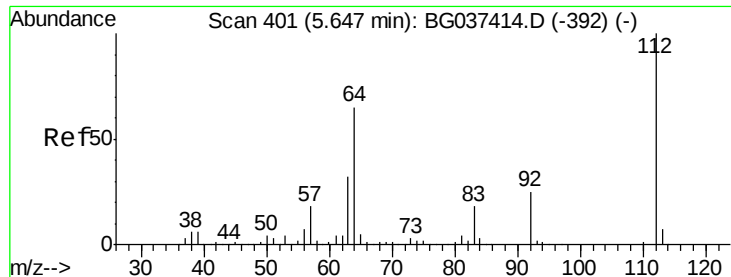
74 138.0 102.0 153.0

44 8.5 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: 110.746 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

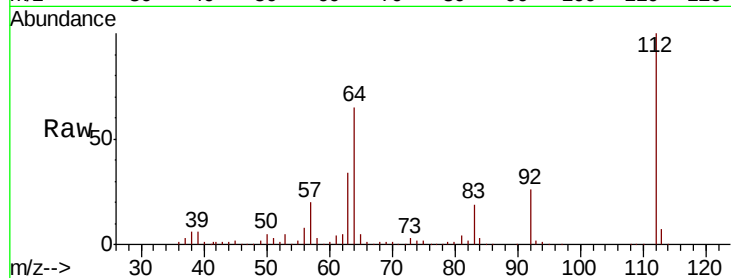
Tot Ion:112 Resp: 426064

Ion Ratio Lower Upper

112 100

64 65.3 53.1 79.7

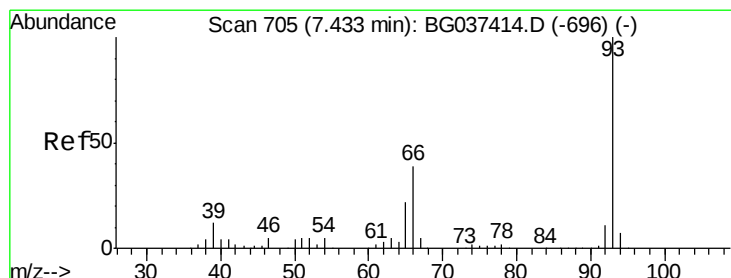
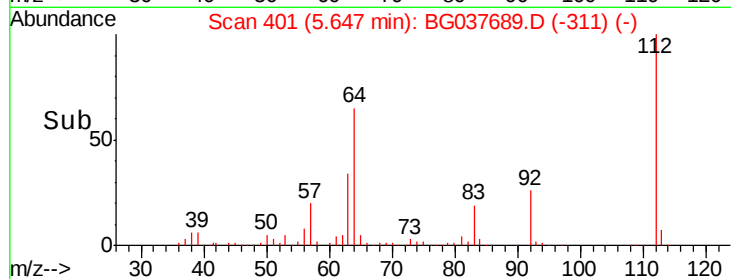
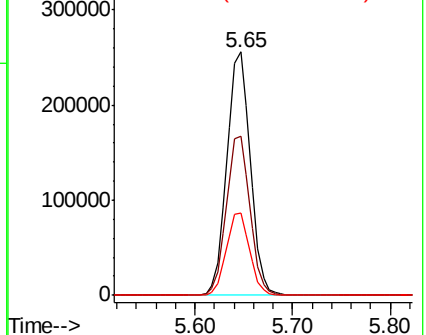
63 34.0 27.3 40.9



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: 9.399 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

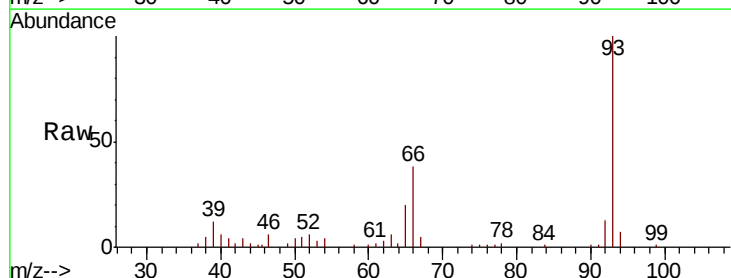
Tgt Ion: 93 Resp: 66706

Ion Ratio Lower Upper

93 100

66 38.4 32.8 49.2

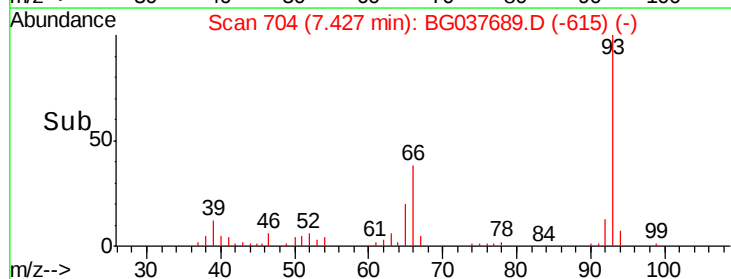
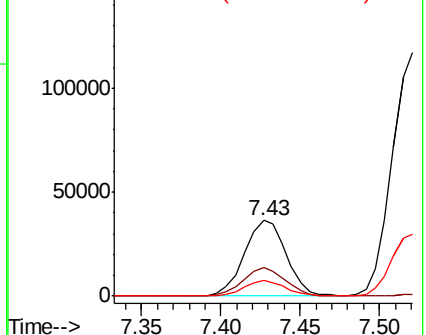
65 20.0 16.4 24.6

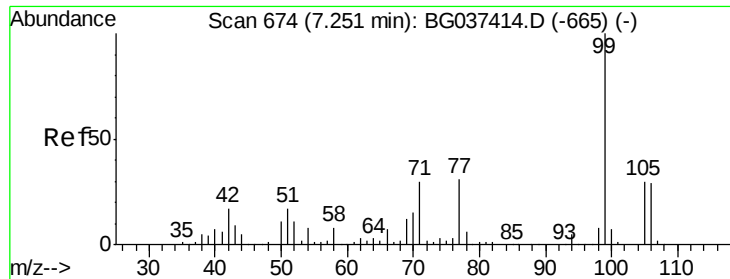


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 97.529 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

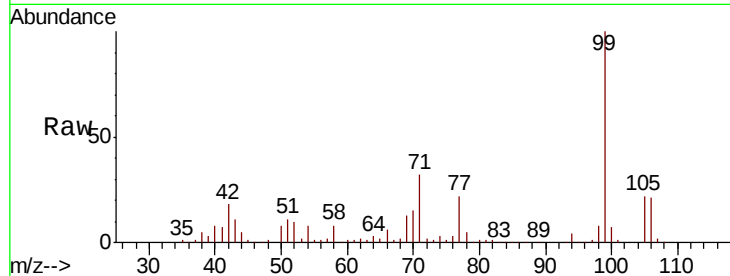
Tot Ion: 99 Resp: 567375

Ion Ratio Lower Upper

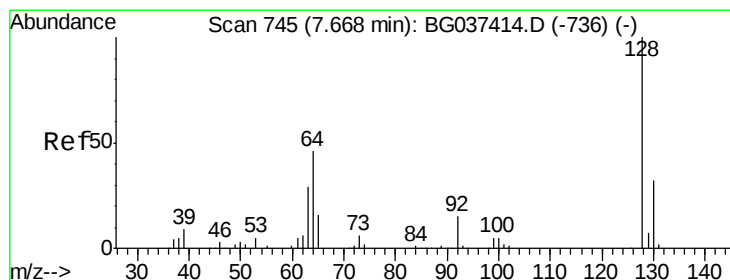
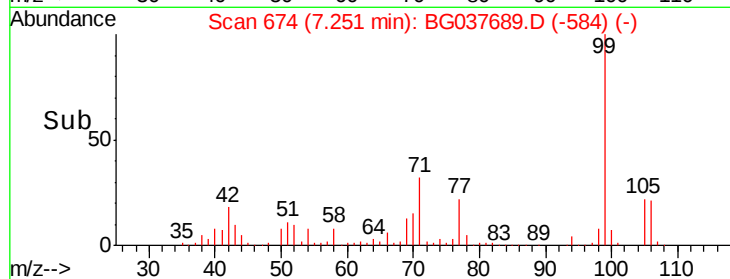
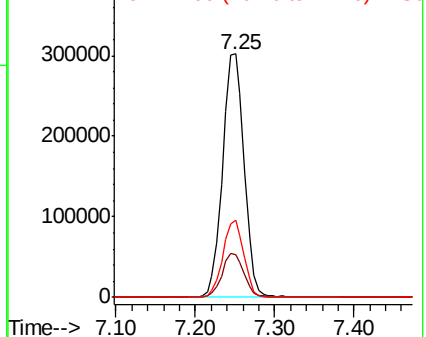
99 100

42 17.7 15.0 22.4

71 31.7 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: 45.704 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

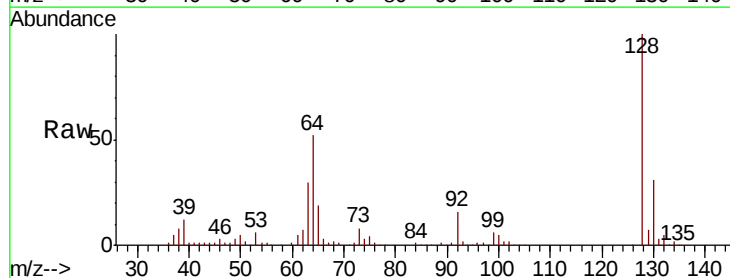
Tgt Ion: 128 Resp: 205700

Ion Ratio Lower Upper

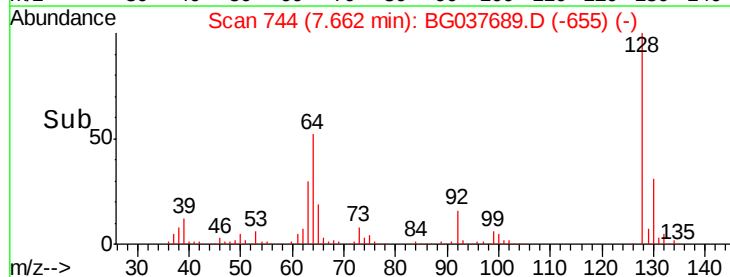
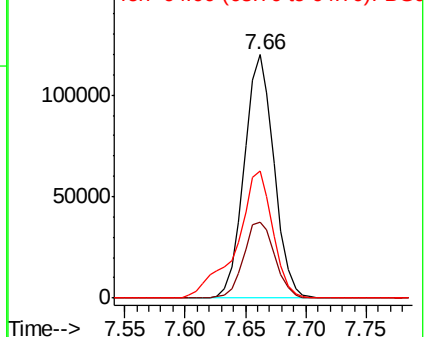
128 100

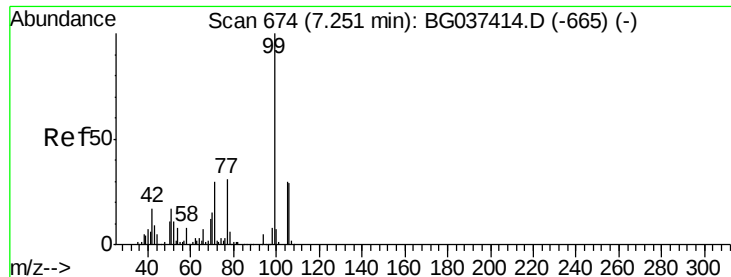
130 31.0 12.0 52.0

64 52.1 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: 44.511 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

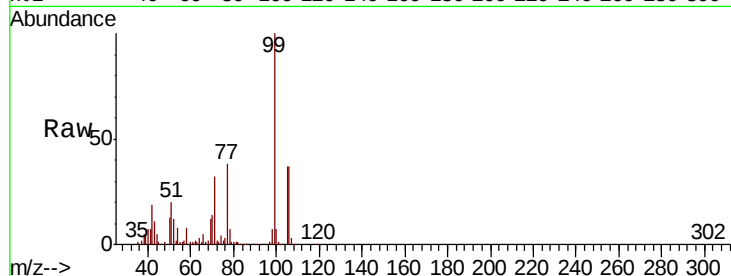
Tot Ion: 77 Resp: 161980

Ion Ratio Lower Upper

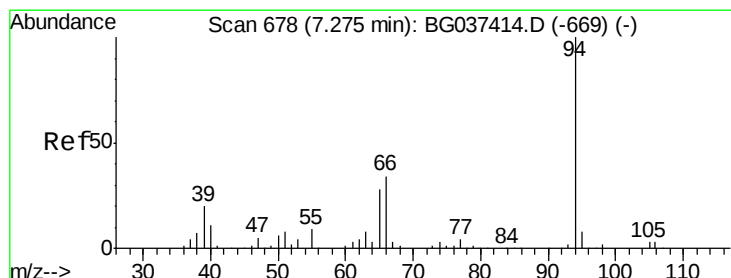
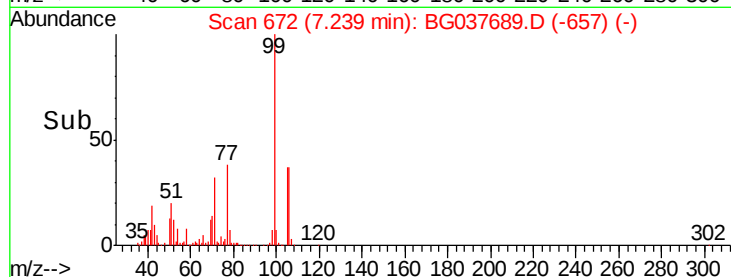
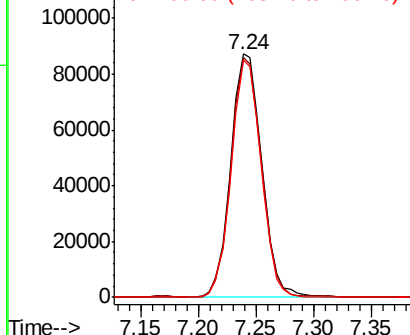
77 100

105 98.7 72.6 112.6

106 97.6 71.3 111.3



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



#10

Phenol

Concen: 38.940 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

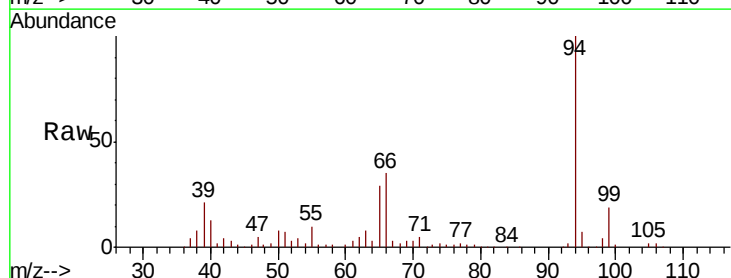
Tgt Ion: 94 Resp: 239014

Ion Ratio Lower Upper

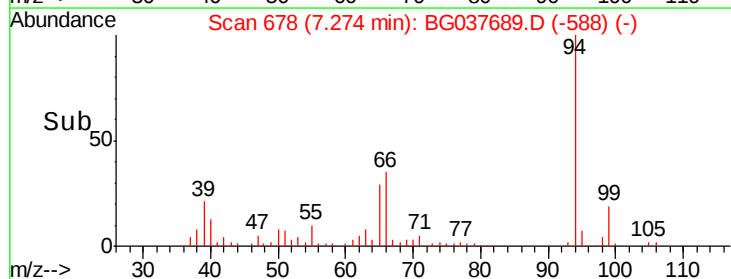
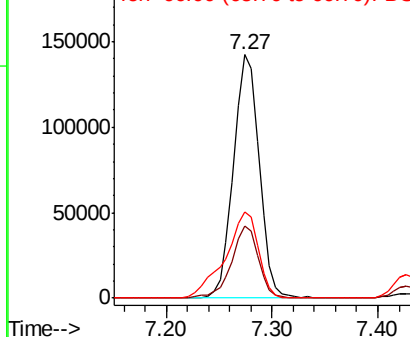
94 100

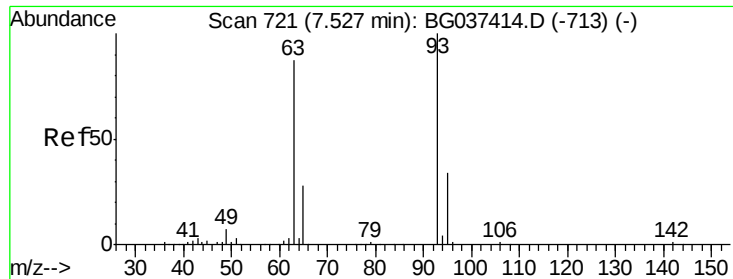
65 29.4 9.7 49.7

66 35.1 15.9 55.9



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

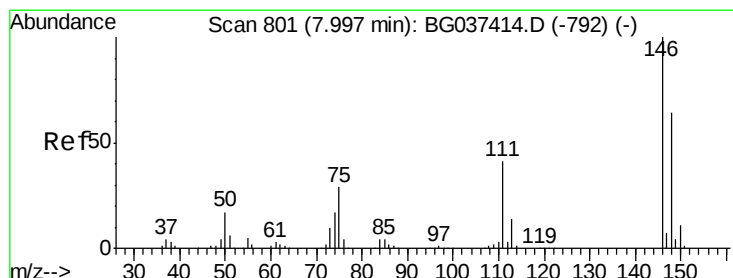
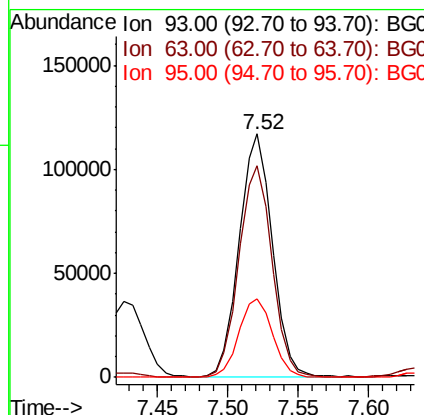
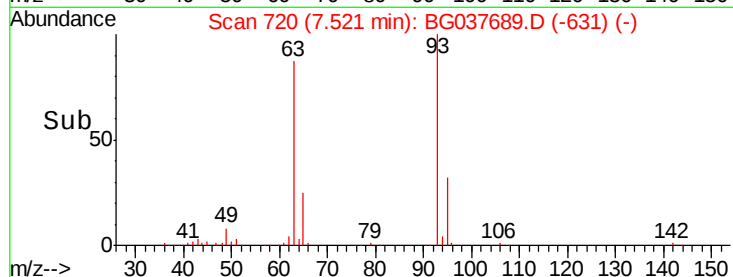
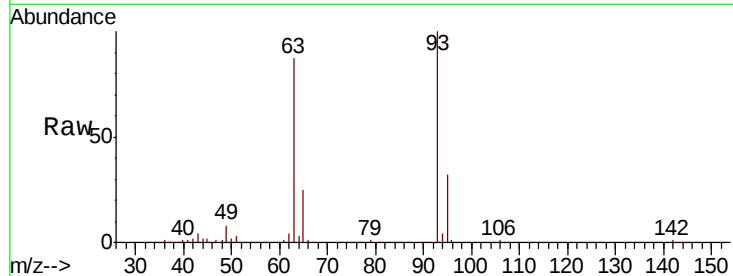




#11
bis(2-Chloroethyl)ether
Concen: 41.419 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

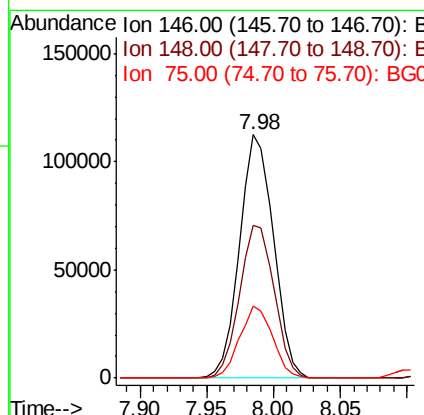
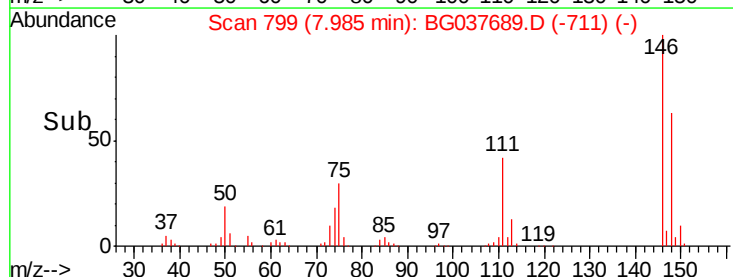
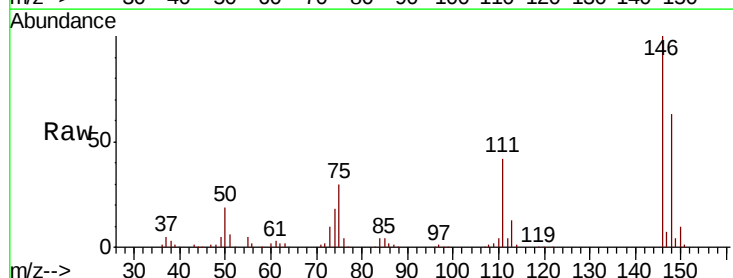
Instrument :
BNA_G
ClientSampleId :

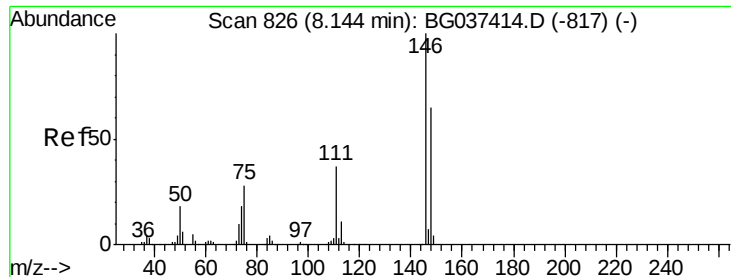
Tot Ion: 93 Resp: 193092
Ion Ratio Lower Upper
93 100
63 86.8 69.5 109.5
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.487 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion: 146 Resp: 197849
Ion Ratio Lower Upper
146 100
148 62.7 49.8 74.8
75 29.6 23.2 34.8

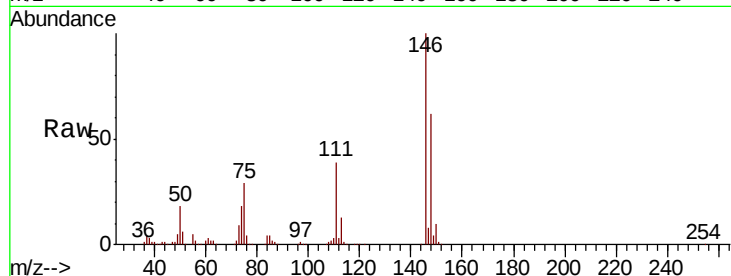




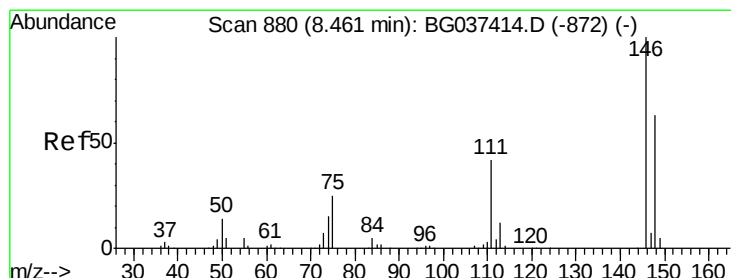
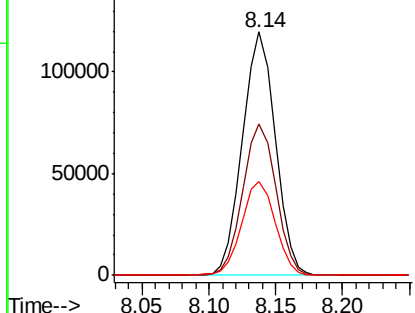
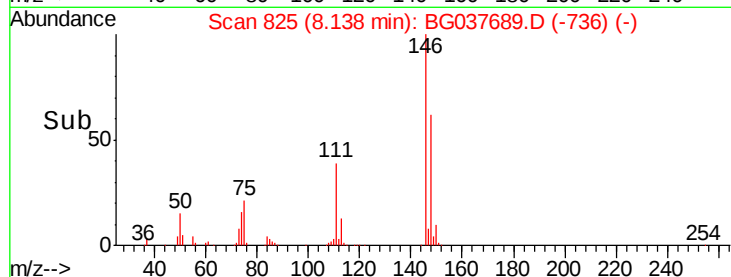
#13
 1,4-Dichlorobenzene
 Concen: 39.869 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 204339
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.0 76.6
 111 38.8 32.4 48.6

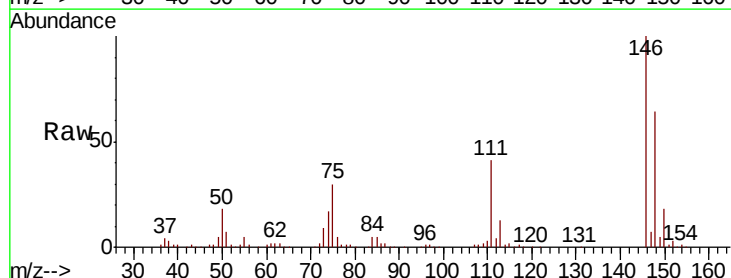


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

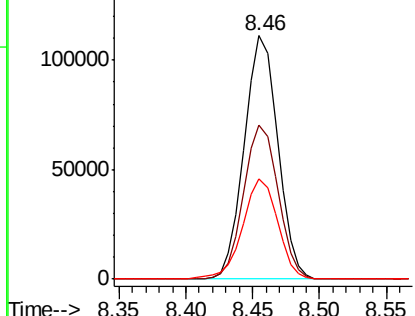
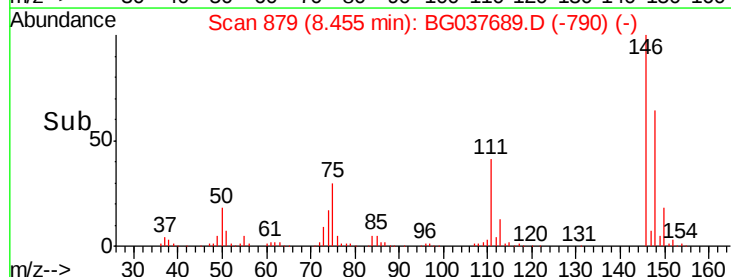


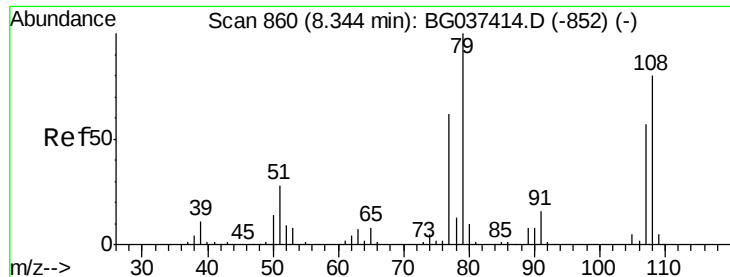
#14
 1,2-Dichlorobenzene
 Concen: 39.269 ng
 RT: 8.46 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Tgt Ion:146 Resp: 193603
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.4 75.6
 111 41.4 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: 44.100 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

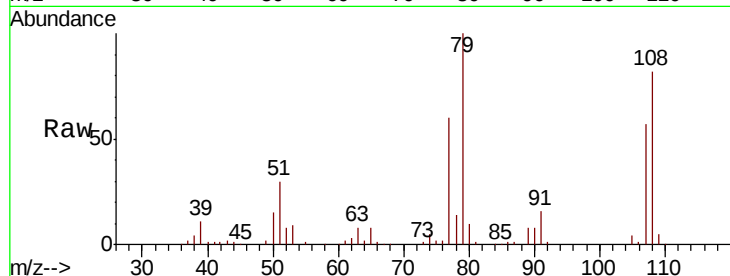
Tot Ion: 79 Resp: 189564

Ion Ratio Lower Upper

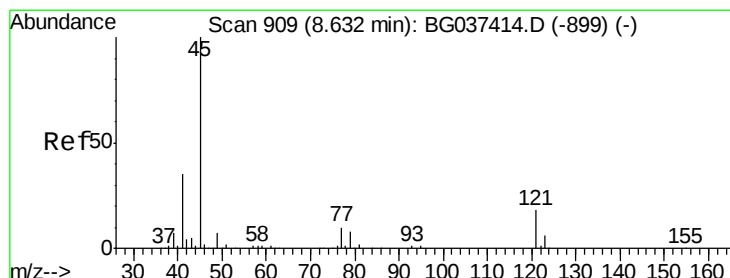
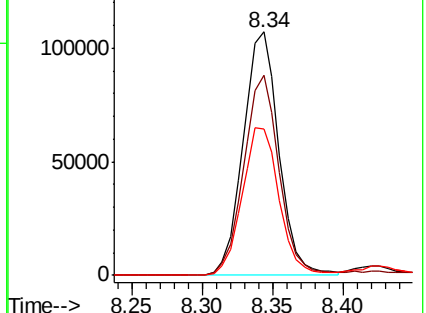
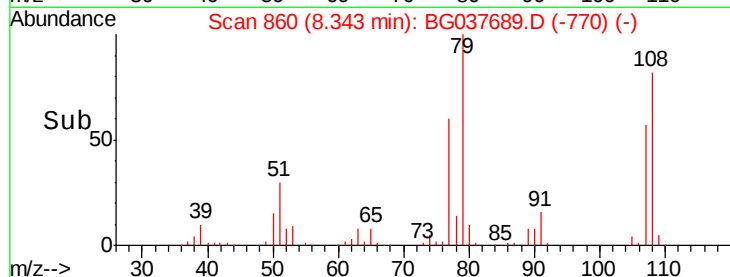
79 100

108 82.2 65.8 98.8

77 60.2 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: 42.176 ng

RT: 8.63 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

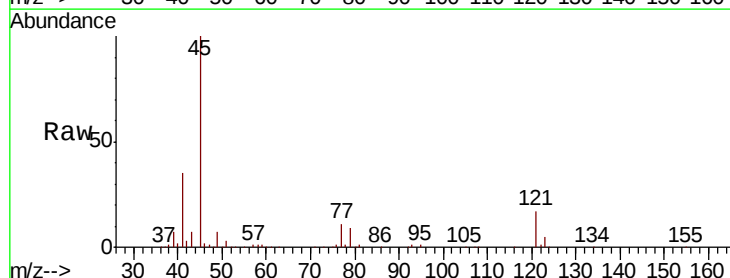
Tgt Ion: 45 Resp: 351810

Ion Ratio Lower Upper

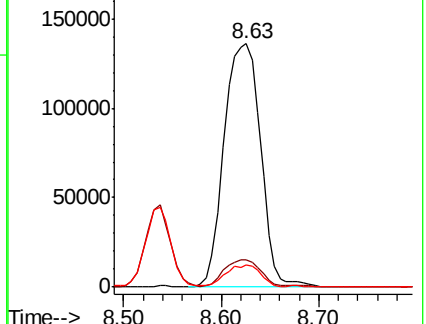
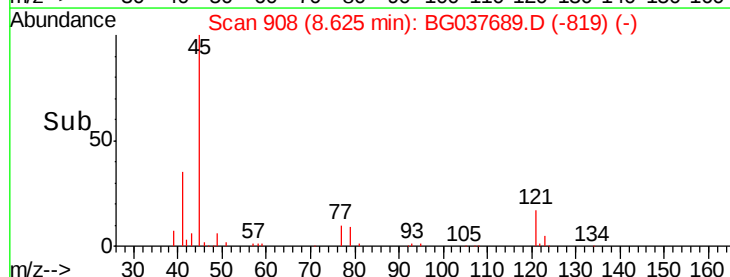
45 100

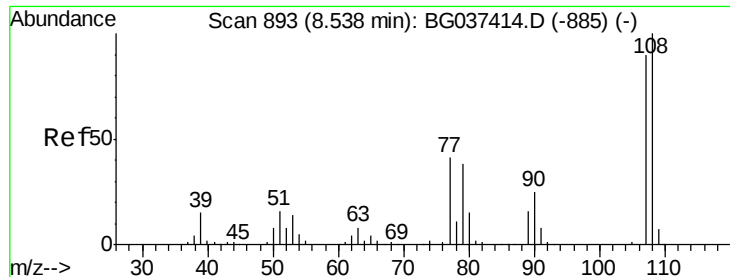
77 11.1 0.0 30.0

79 9.0 0.0 29.0



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

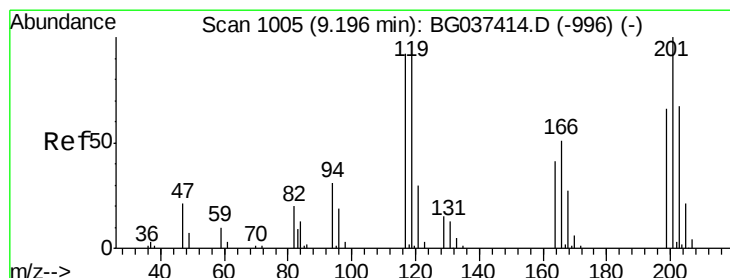
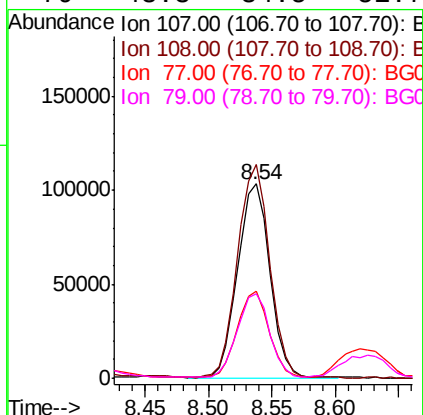
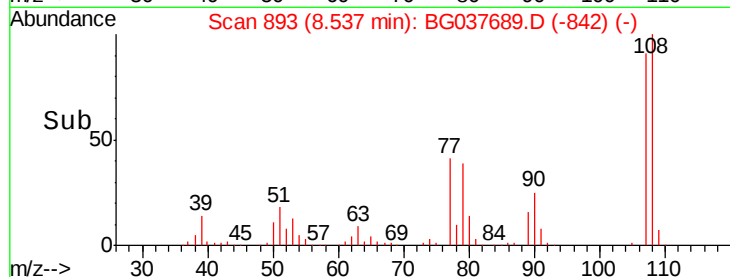
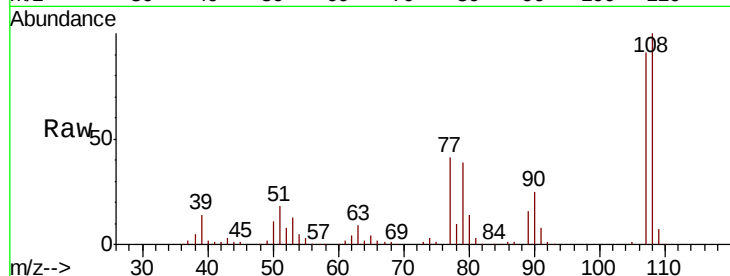




#17
2-Methylphenol
Concen: 44.867 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

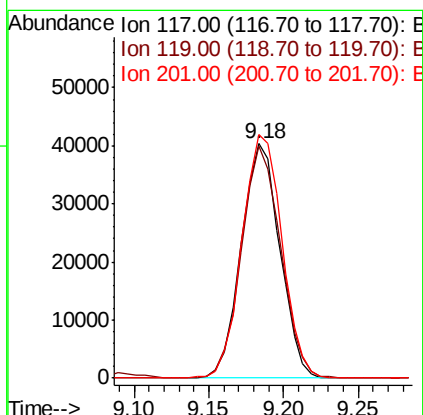
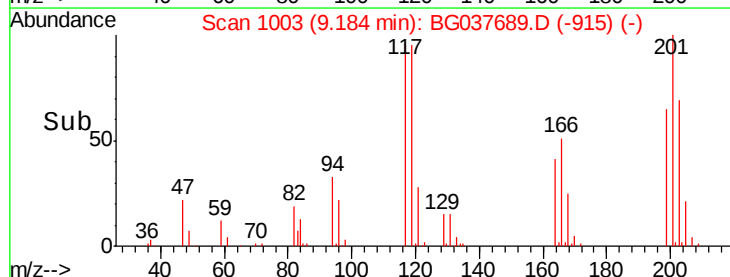
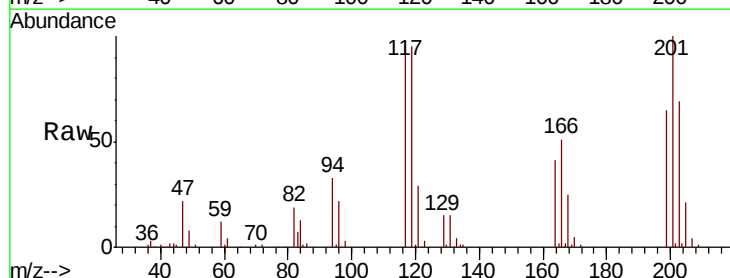
Instrument :
BNA_G
ClientSampleId :

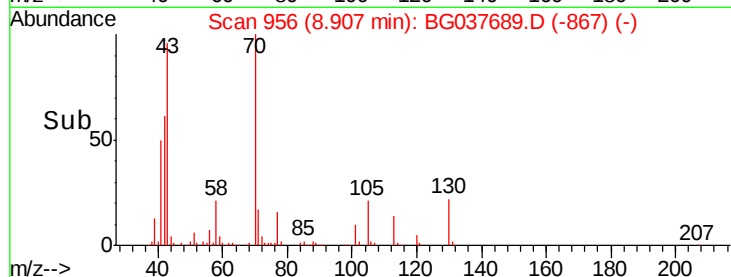
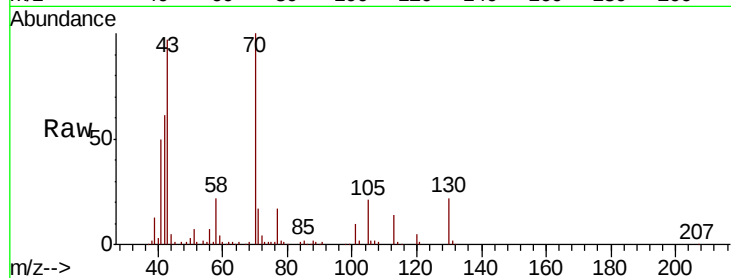
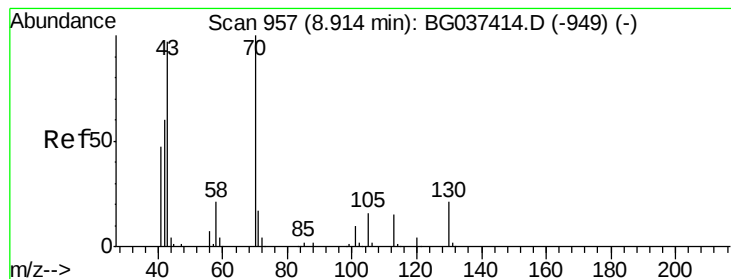
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	87.9	131.9
77	44.7	35.1	52.7
79	43.3	34.5	51.7



#18
Hexachloroethane
Concen: 41.310 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	74.6	111.8
201	106.5	80.8	121.2





#19

n-Nitroso-di-n-propylamine

Concen: 40.925 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 163946

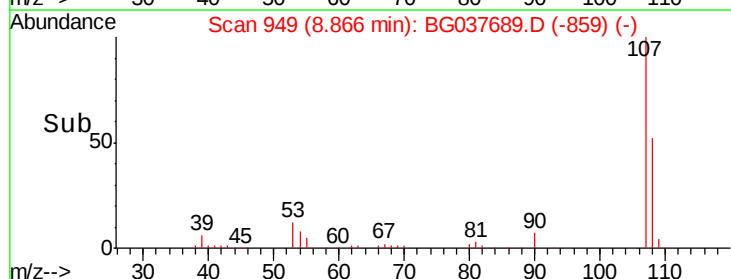
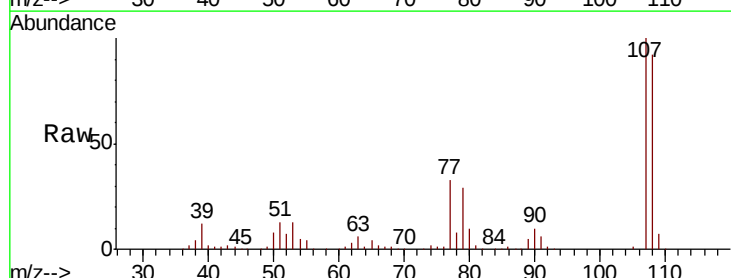
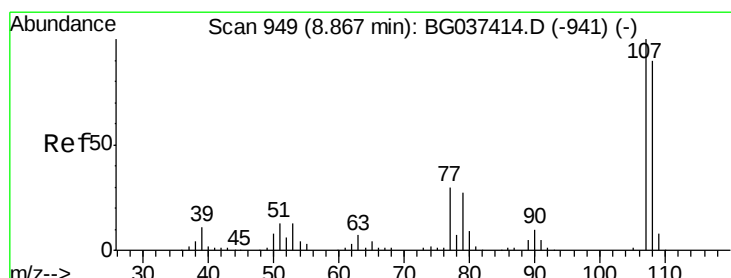
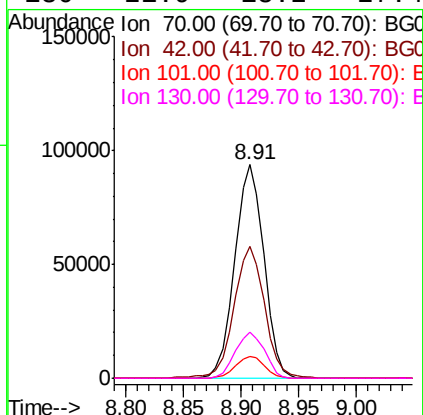
Ion Ratio Lower Upper

70 100

42 61.5 53.9 80.9

101 10.1 8.2 12.2

130 21.9 18.2 27.4



#20

3+4-Methylphenols

Concen: 43.703 ng

RT: 8.87 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Tgt Ion: 107 Resp: 253560

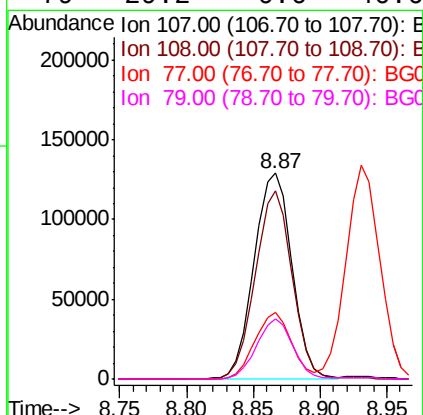
Ion Ratio Lower Upper

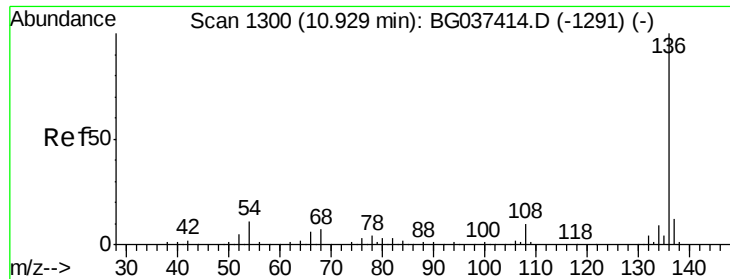
107 100

108 91.7 69.9 109.9

77 32.7 11.2 51.2

79 29.2 6.6 46.6

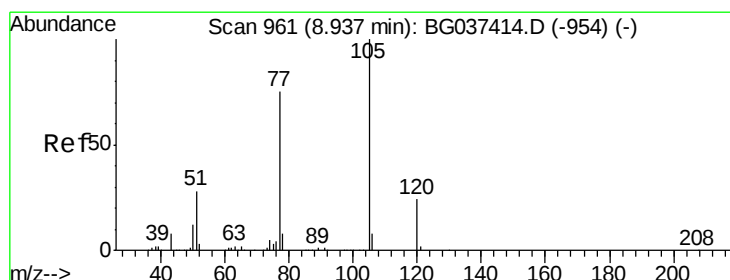
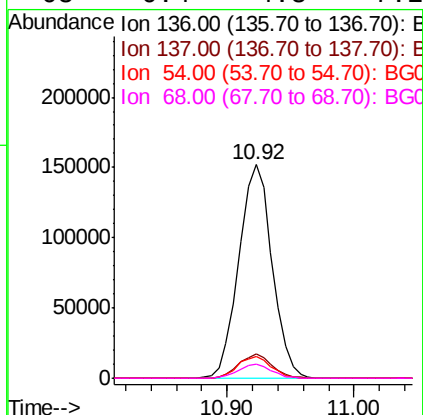
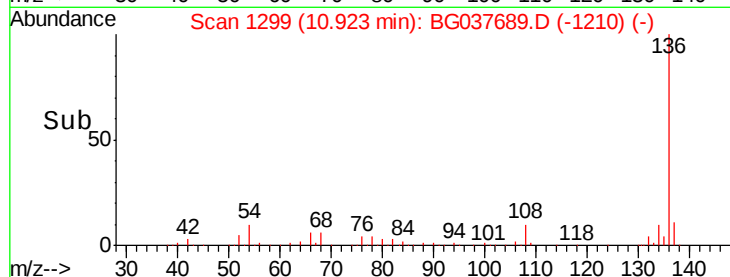
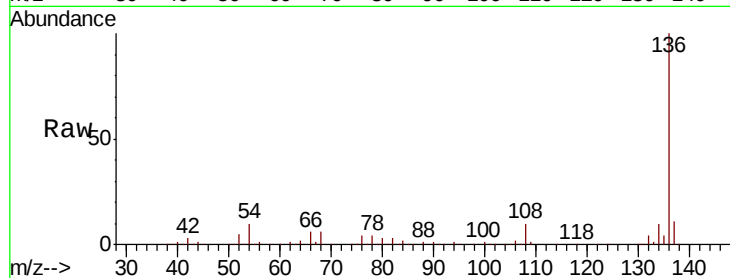




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

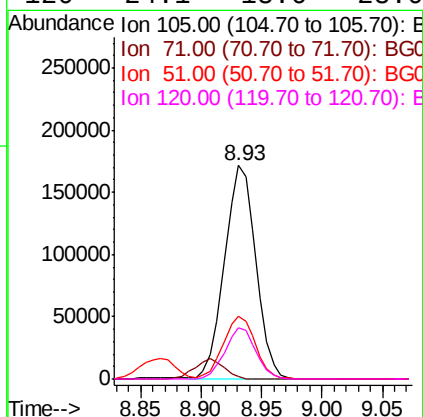
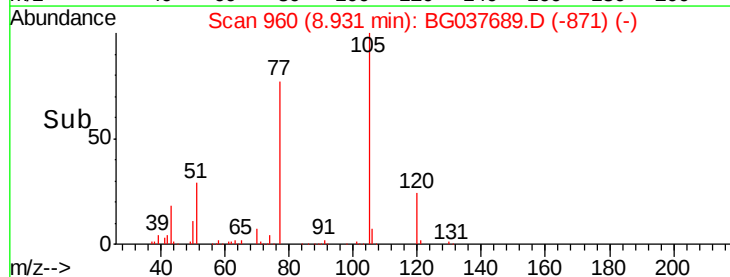
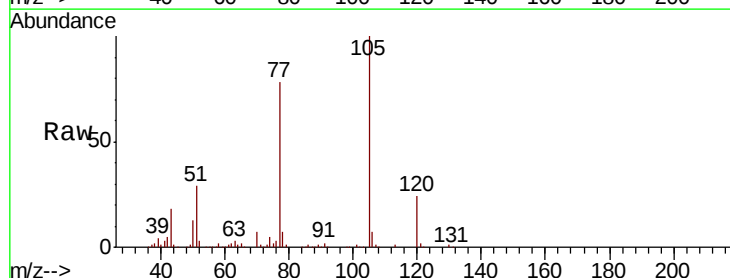
Instrument :
BNA_G
ClientSampleId :

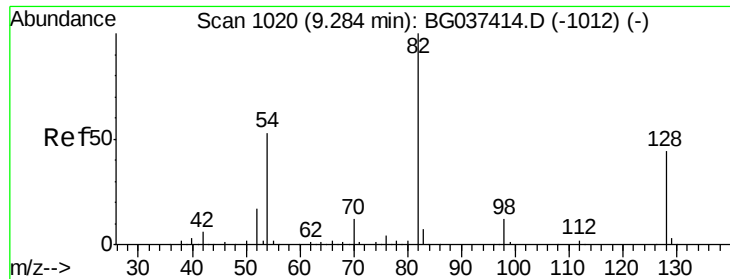
Tot Ion:136	Resp:	276839	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.6	14.4	
54 10.2	7.9	11.9	
68 6.4	4.8	7.2	



#22
Acetophenone
Concen: 44.422 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt	Ion:105	Resp:	308425
Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	29.4	25.0	37.6
120	24.1	18.6	28.0

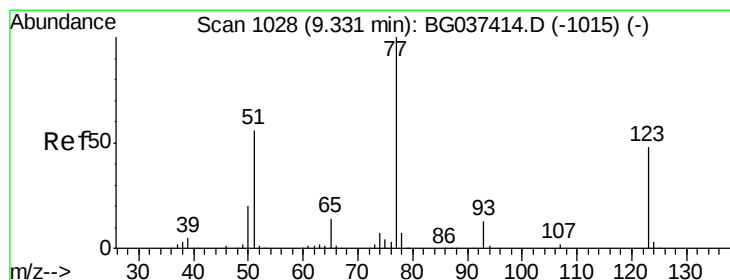
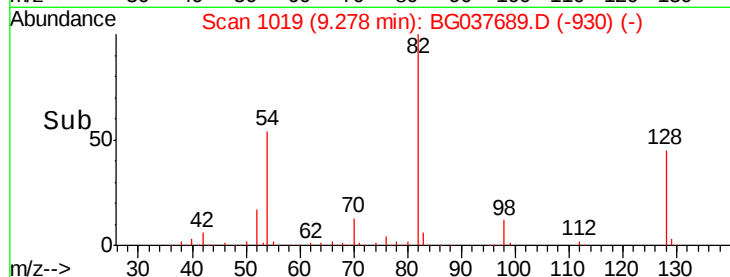
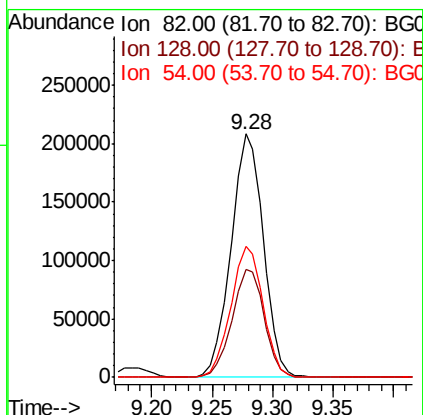
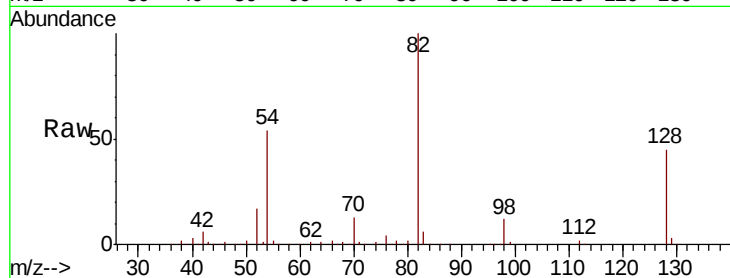




#23
Nitrobenzene-d5
Concen: 78.682 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

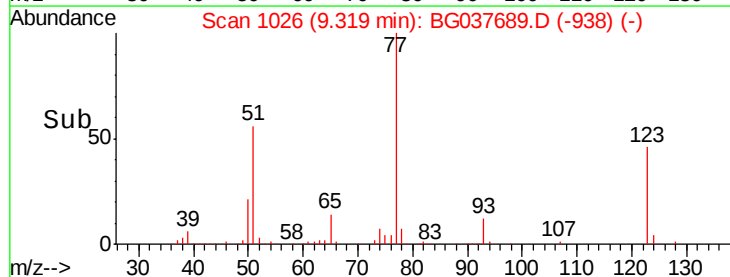
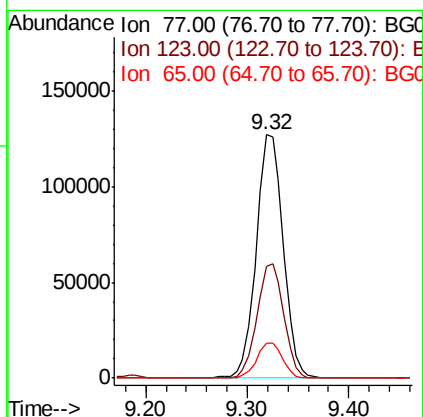
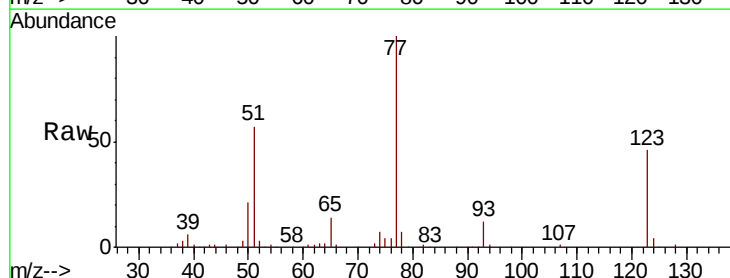
Instrument :
BNA_G
ClientSampleId :

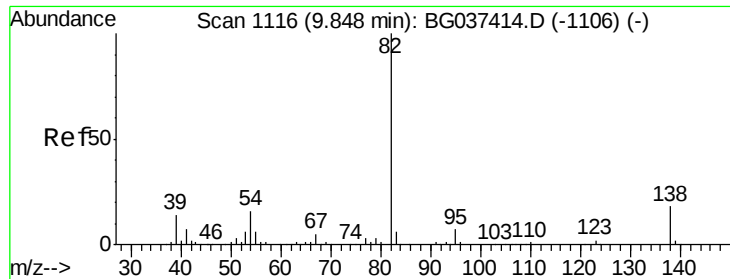
Tot Ion	82	Resp	388835
Ion Ratio	Lower	Upper	
82	100		
128	44.5	34.6	51.8
54	53.7	45.3	67.9



#24
Nitrobenzene
Concen: 45.662 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	77	Resp	234424
Ion Ratio	Lower	Upper	
77	100		
123	45.7	33.6	50.4
65	14.4	11.3	16.9

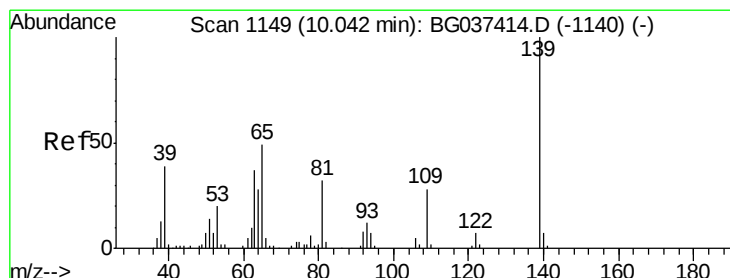
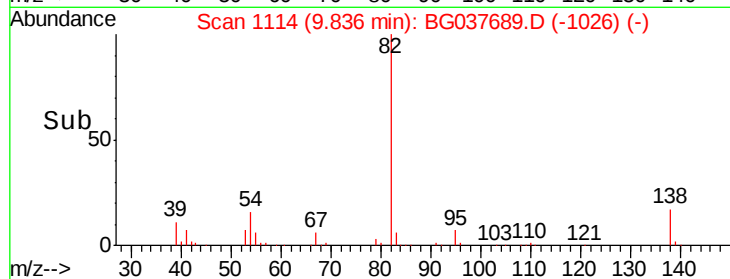
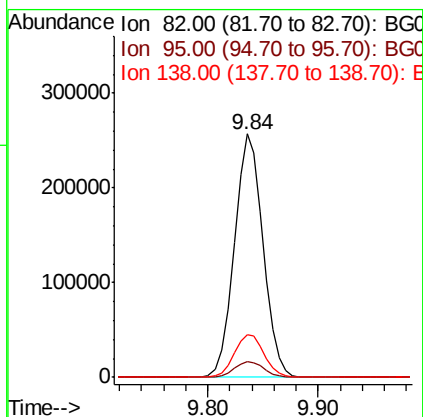
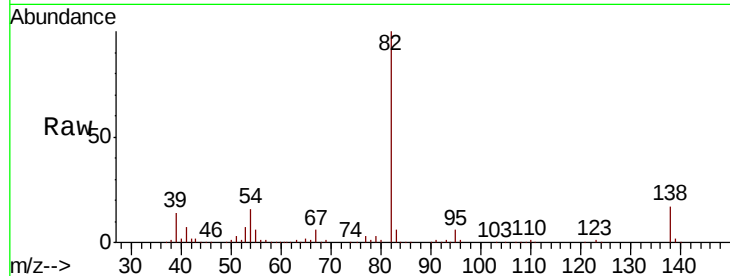




#25
Isophorone
Concen: 51.679 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

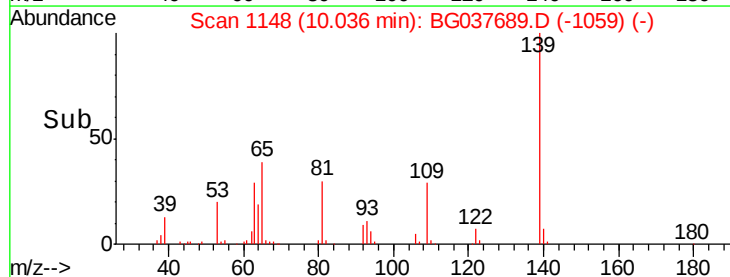
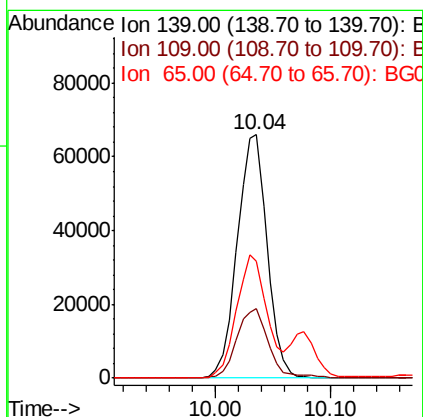
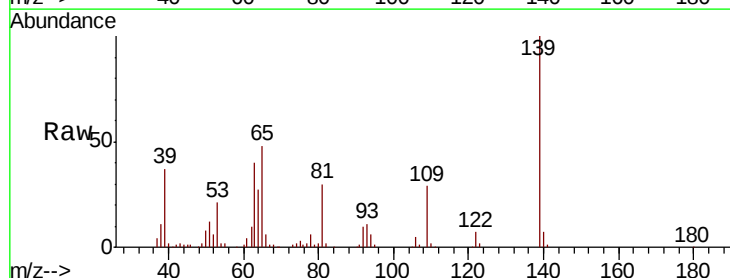
Instrument :
BNA_G
ClientSampleId :

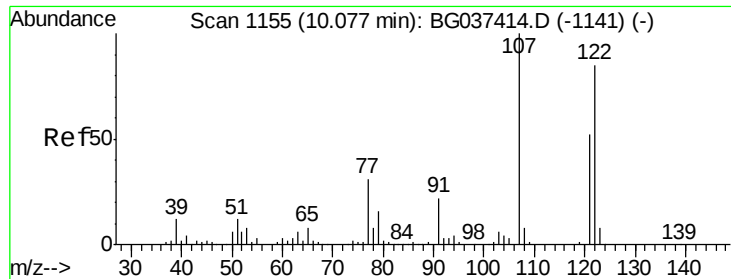
Tot Ion: 82 Resp: 466641
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 17.4 13.3 19.9



#26
2-Nitrophenol
Concen: 51.013 ng
RT: 10.04 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion: 139 Resp: 117981
Ion Ratio Lower Upper
139 100
109 28.8 23.3 34.9
65 48.0 39.8 59.8

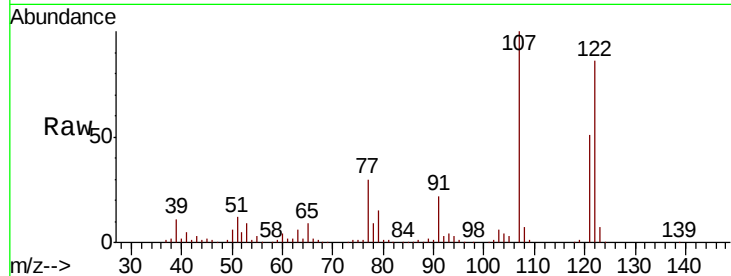




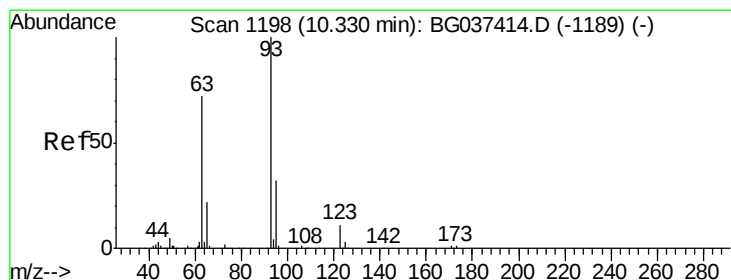
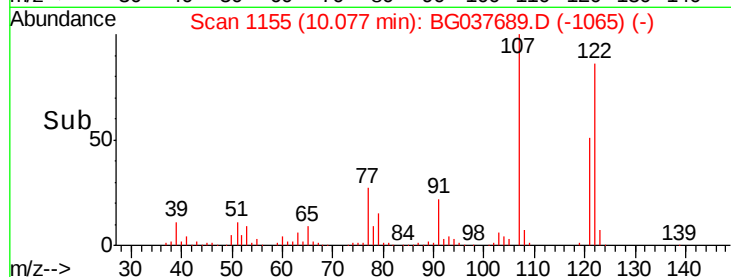
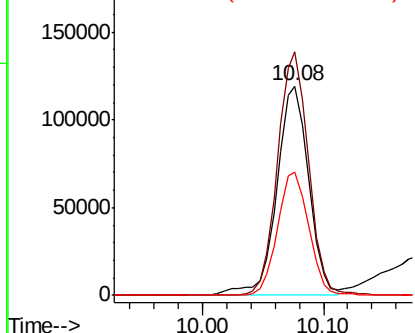
#27
2,4-Dimethylphenol
Concen: 52.875 ng
RT: 10.08 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 218341
Ion Ratio Lower Upper
122 100
107 116.2 94.2 141.2
121 58.8 47.3 70.9

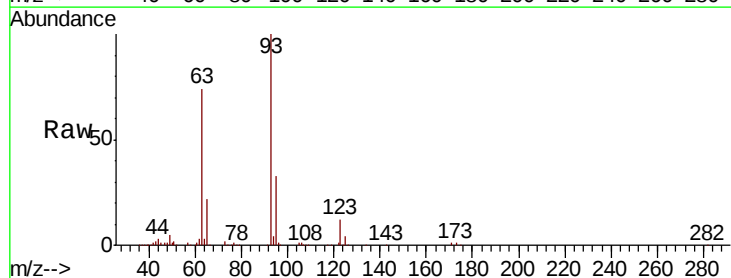


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

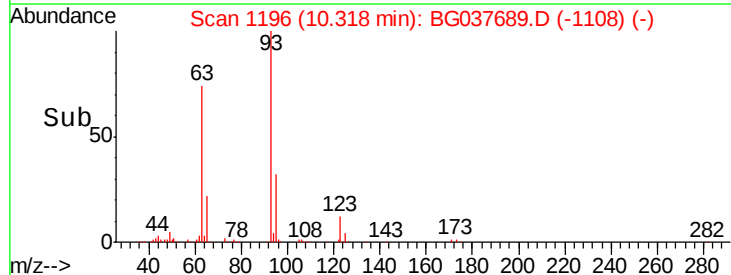
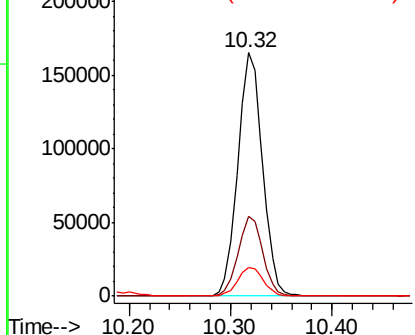


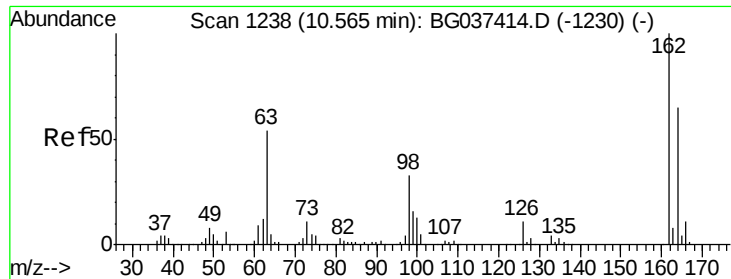
#28
bis(2-Chloroethoxy)methane
Concen: 47.245 ng
RT: 10.32 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion: 93 Resp: 279504
Ion Ratio Lower Upper
93 100
95 32.5 24.6 37.0
123 11.5 9.1 13.7



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

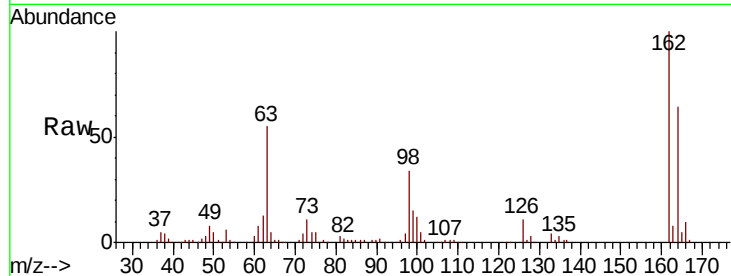




#29
 2,4-Dichlorophenol
 Concen: 49.317 ng
 RT: 10.56 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.2	83.2
98	34.2	16.0	56.0

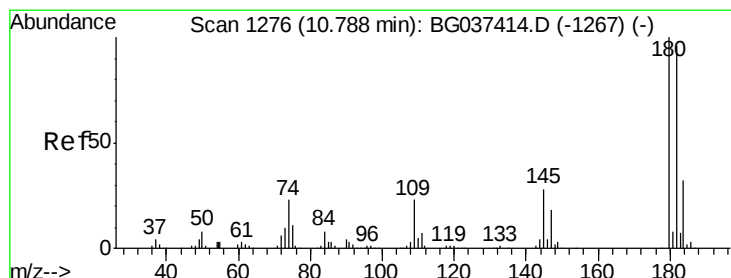
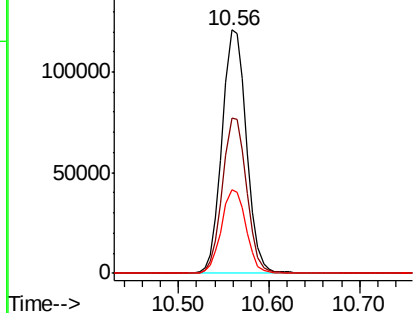
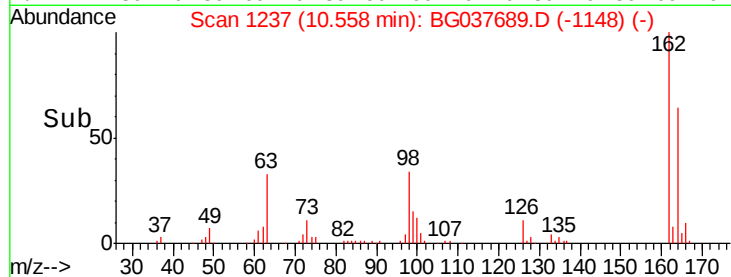


Abundance

Ion 162.00 (161.70 to 162.70): E

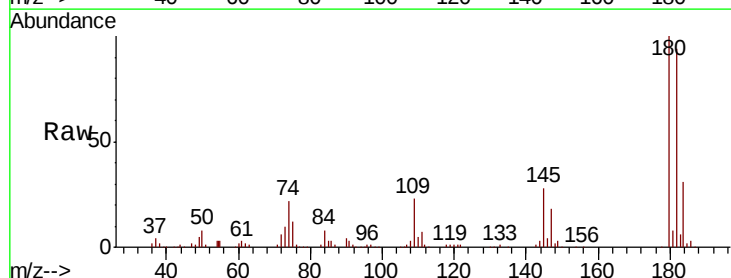
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 42.745 ng
 RT: 10.78 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.7	116.5
145	28.0	23.3	34.9

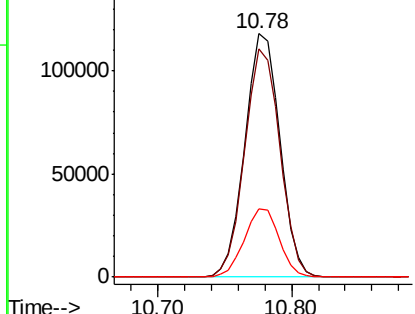
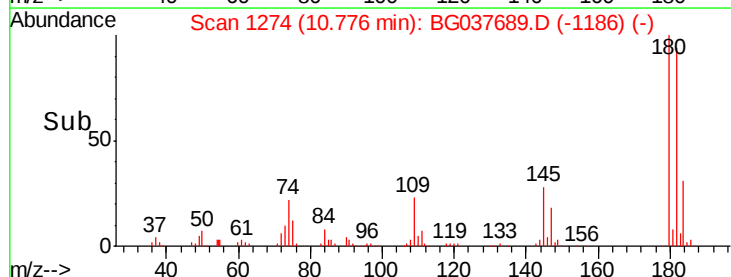


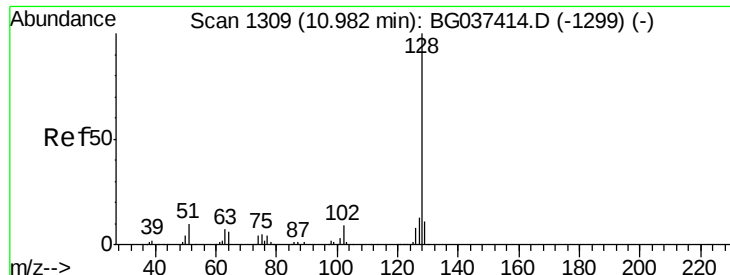
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

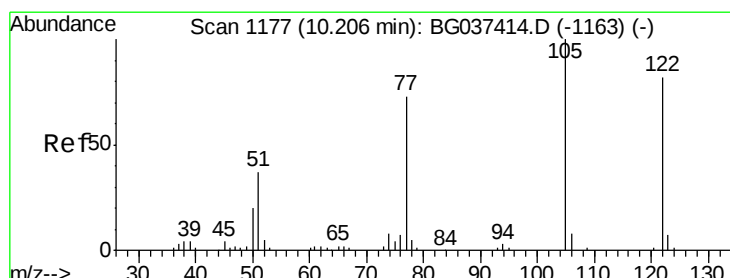
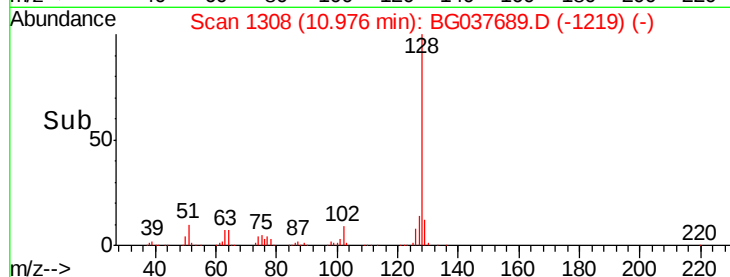
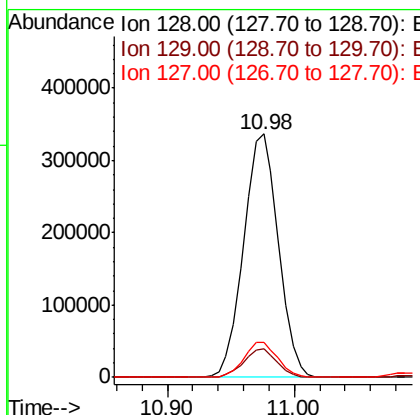
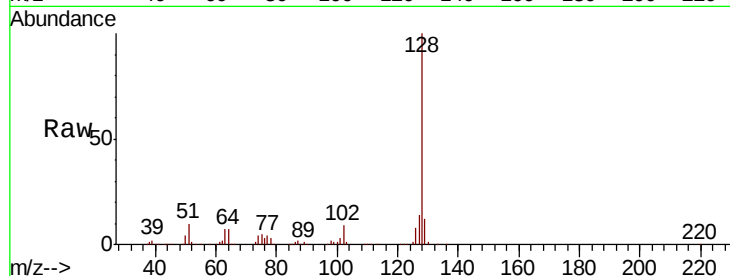




#31
Naphthalene
Concen: 47.086 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

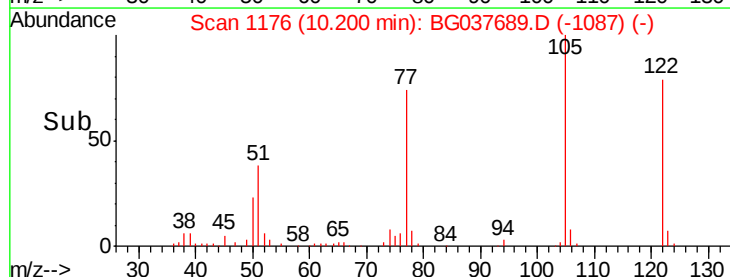
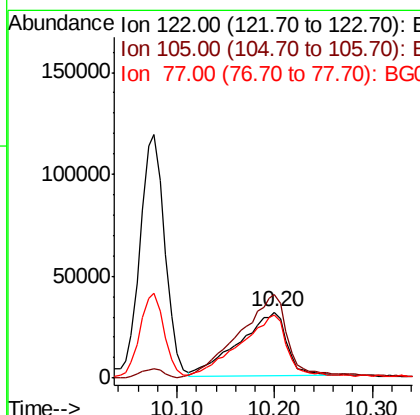
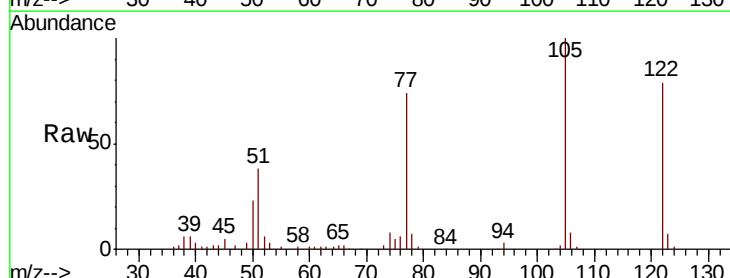
Instrument :
BNA_G
ClientSampleId :

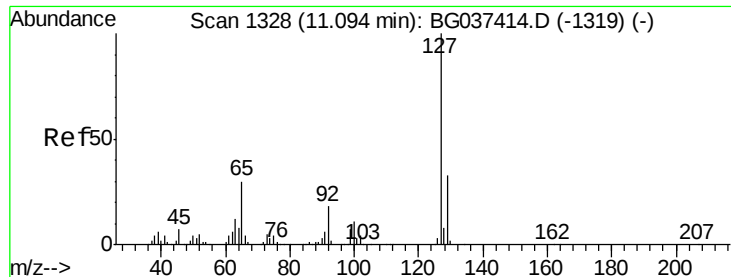
Tot Ion:128 Resp: 640259
Ion Ratio Lower Upper
128 100
129 11.9 9.0 13.6
127 14.5 11.1 16.7



#32
Benzoic acid
Concen: 40.630 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:122 Resp: 108974
Ion Ratio Lower Upper
122 100
105 126.9 106.7 146.7
77 94.4 72.2 112.2

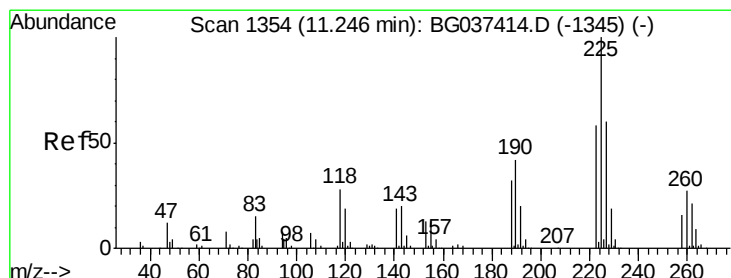
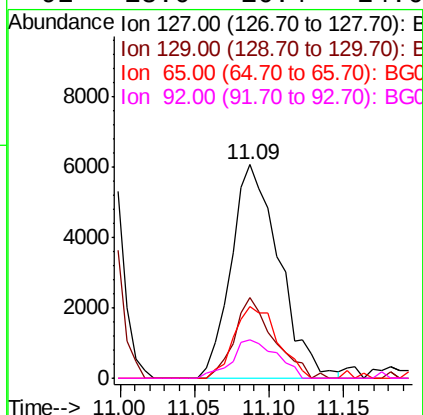
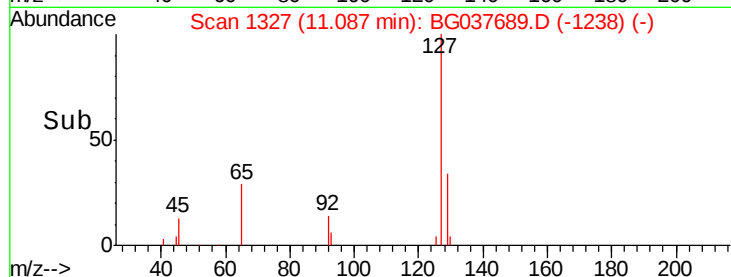
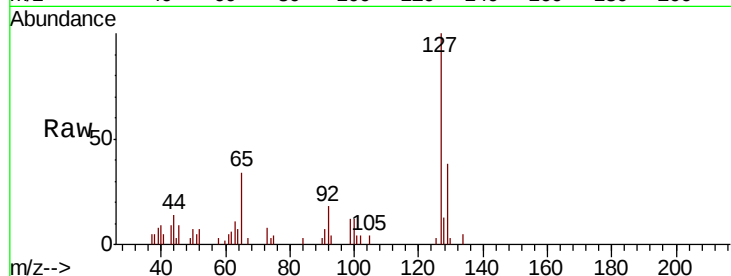




#33
4-Chloroaniline
Concen: 2.126 ng
RT: 11.09 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

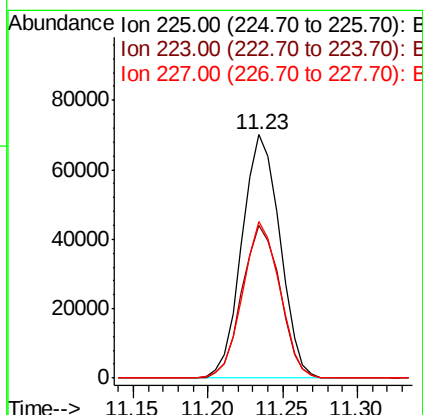
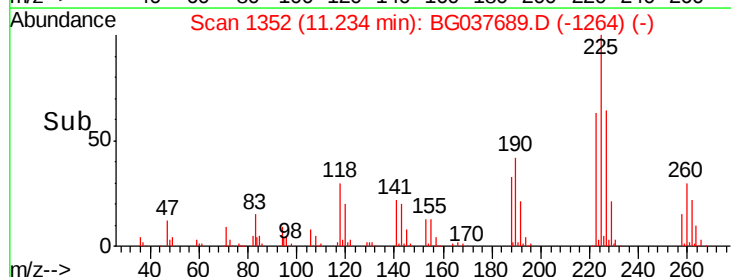
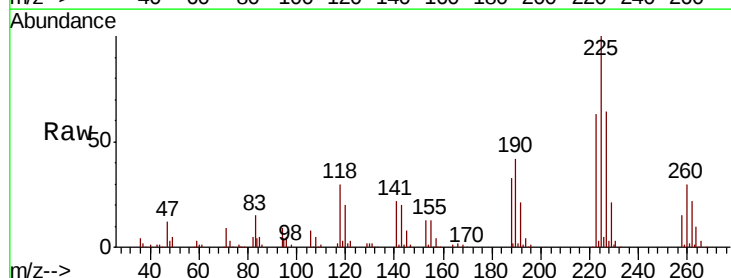
Instrument :
BNA_G
ClientSampleId :

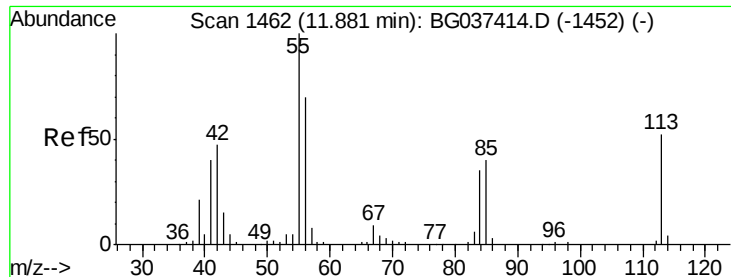
Tot Ion:127	Resp:	13580
Ion Ratio	Lower	Upper
127	100	
129	37.6	27.1 40.7
65	33.7	26.6 39.8
92	18.0	16.4 24.6



#34
Hexachlorobutadiene
Concen: 41.707 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:225	Resp:	123590
Ion Ratio	Lower	Upper
225	100	
223	62.9	48.2 72.4
227	61.2	51.6 77.4

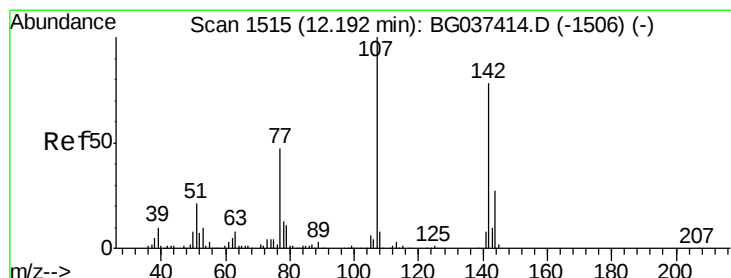
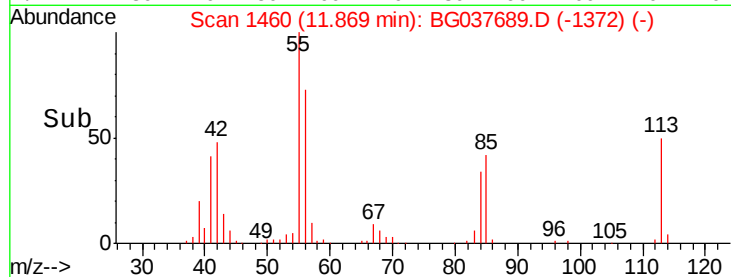
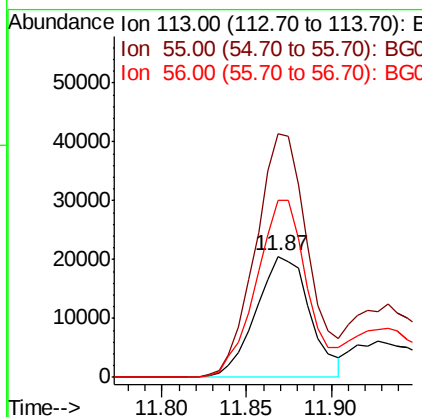
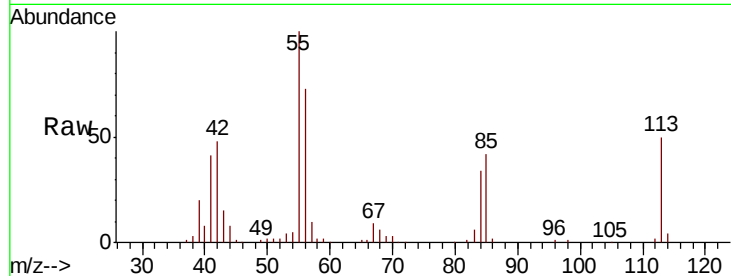




#35
 Caprolactam
 Concen: 24.658 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

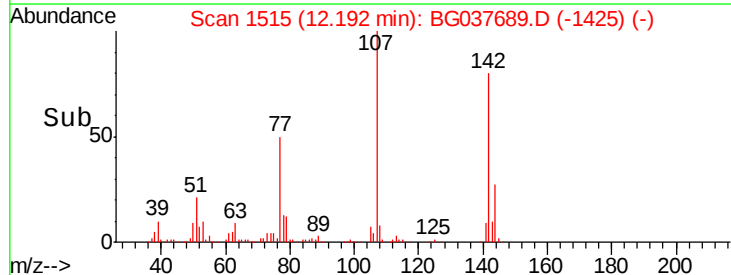
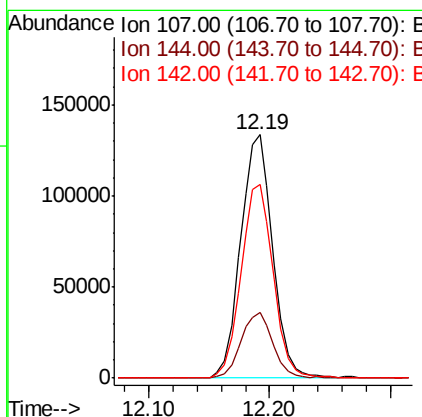
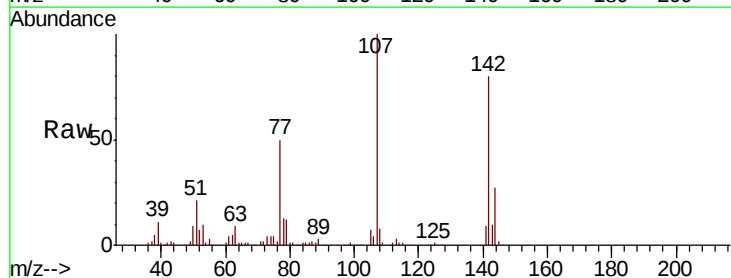
Instrument :
 BNA_G
 ClientSampled :

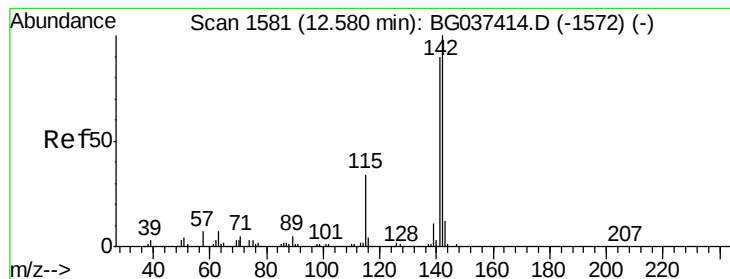
Tot Ion:113 Resp: 45469
 Ion Ratio Lower Upper
 113 100
 55 200.8 176.6 216.6
 56 145.8 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.545 ng
 RT: 12.19 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Tgt Ion:107 Resp: 246529
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.7 31.1
 142 79.6 64.4 96.6





#37

2-Methylnaphthalene

Concen: 49.146 ng

RT: 12.57 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

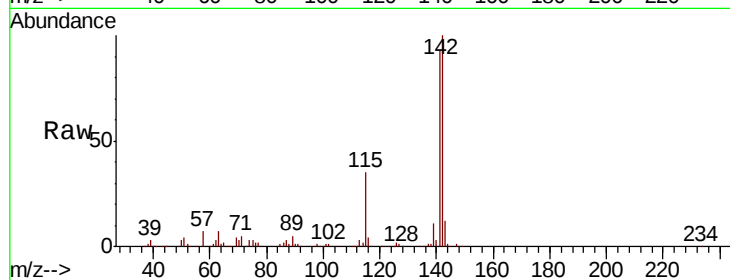
Tot Ion:142 Resp: 487139

Ion Ratio Lower Upper

142 100

141 92.5 71.9 107.9

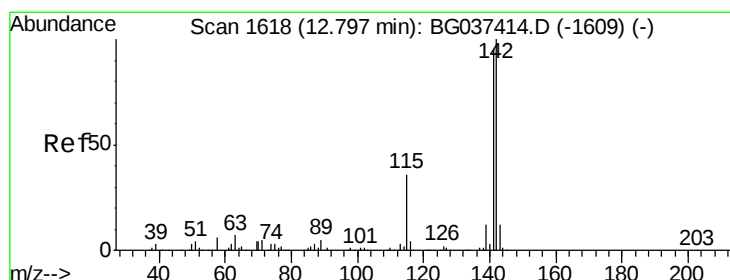
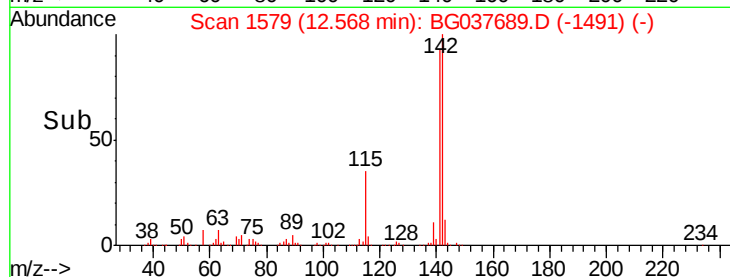
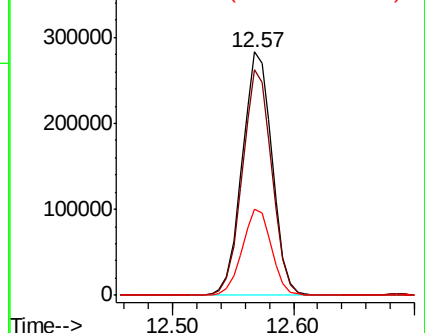
115 35.3 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.174 ng

RT: 12.79 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

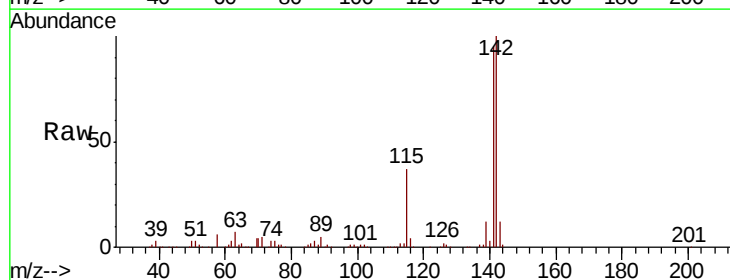
Tgt Ion:142 Resp: 463726

Ion Ratio Lower Upper

142 100

141 95.0 75.2 112.8

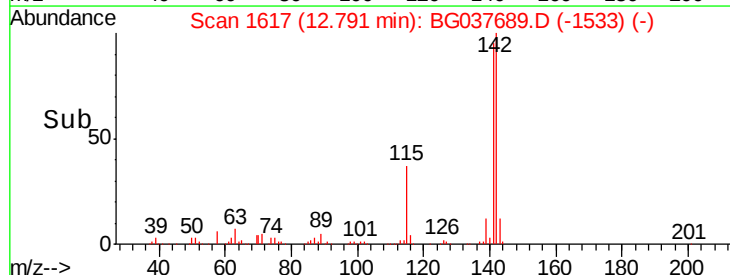
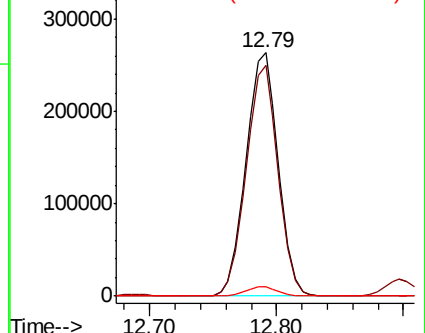
116 3.7 3.3 4.9

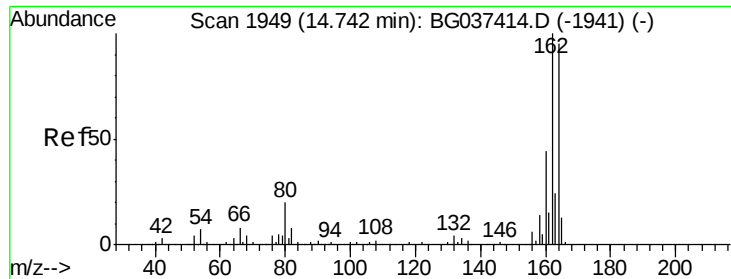


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

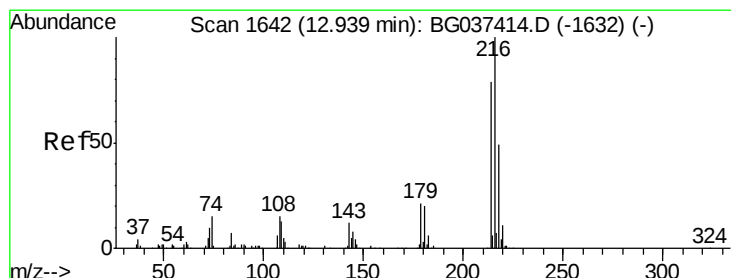
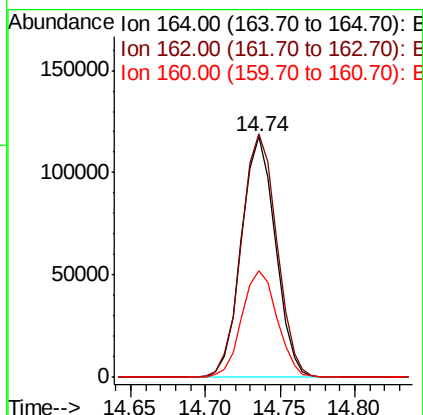
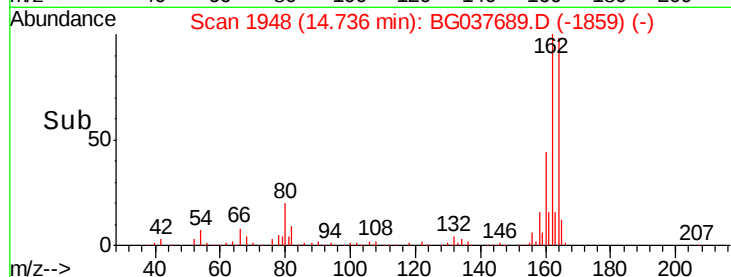
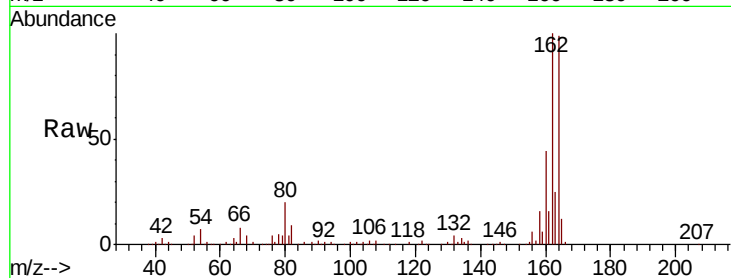
Tot Ion:164 Resp: 186067

Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 44.4 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.340 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Tgt Ion:216 Resp: 248107

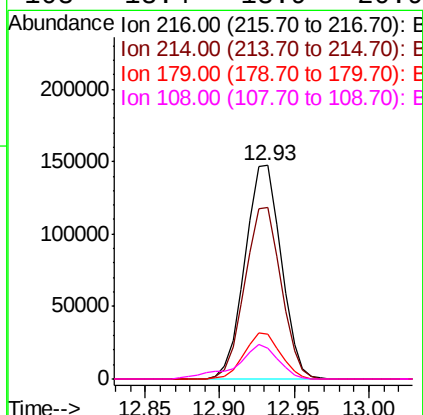
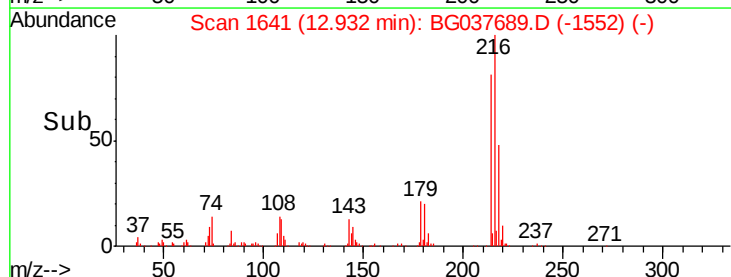
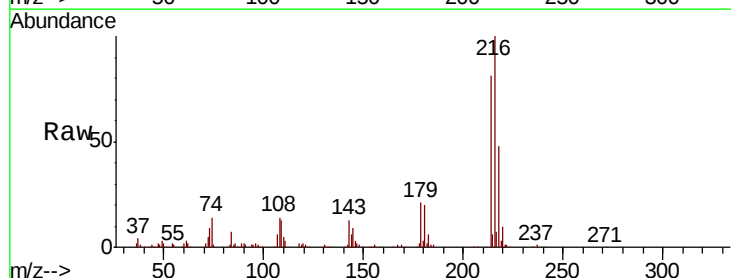
Ion Ratio Lower Upper

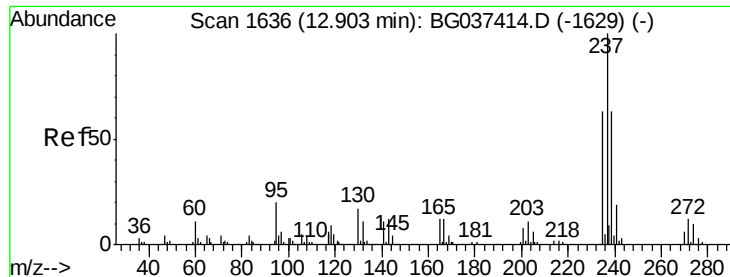
216 100

214 80.0 63.8 95.6

179 21.4 17.4 26.0

108 18.4 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 87.553 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

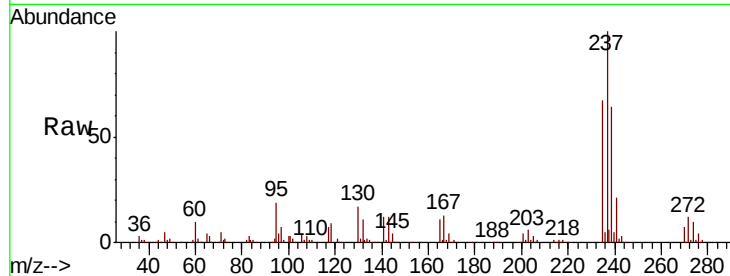
Tot Ion:237 Resp: 251002

Ion Ratio Lower Upper

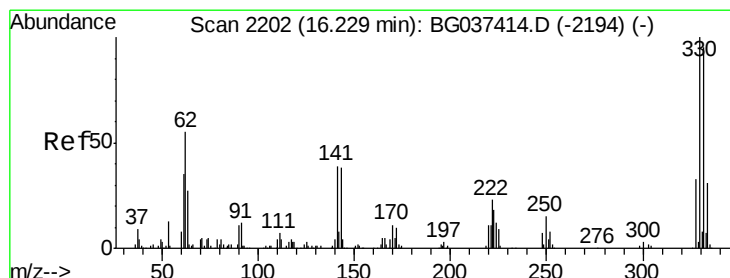
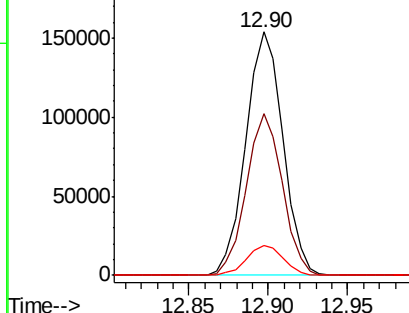
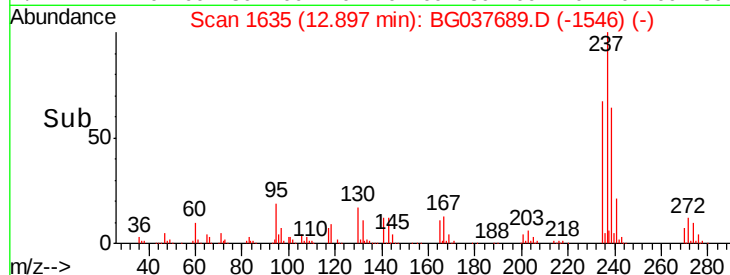
237 100

235 66.6 42.5 82.5

272 12.3 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: 116.348 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

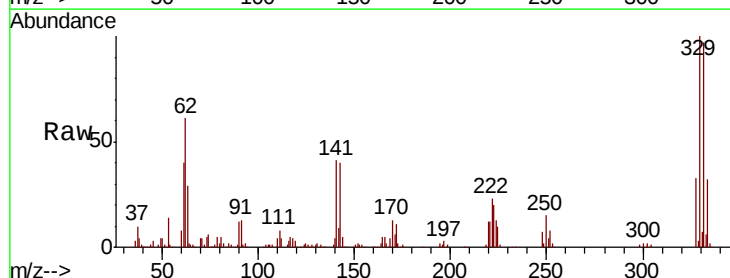
Tgt Ion:330 Resp: 236119

Ion Ratio Lower Upper

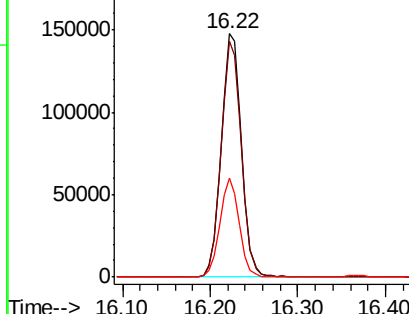
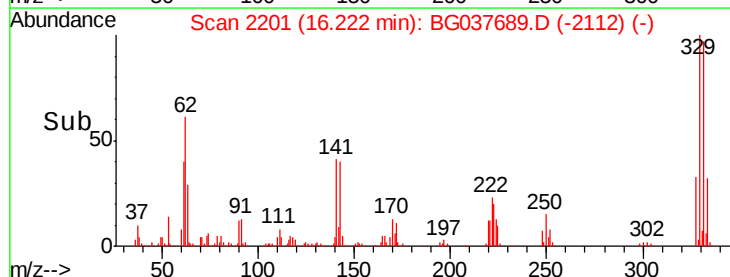
330 100

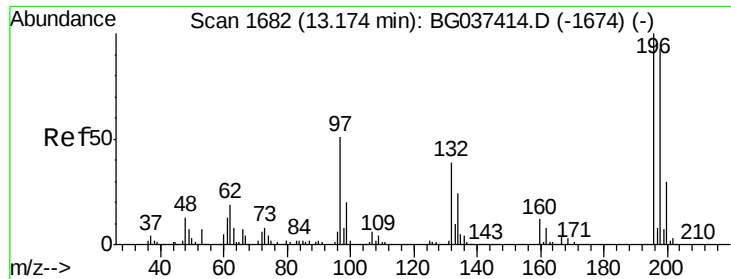
332 96.5 78.4 117.6

141 38.9 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

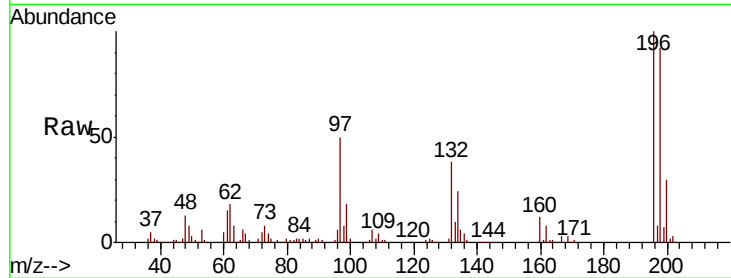




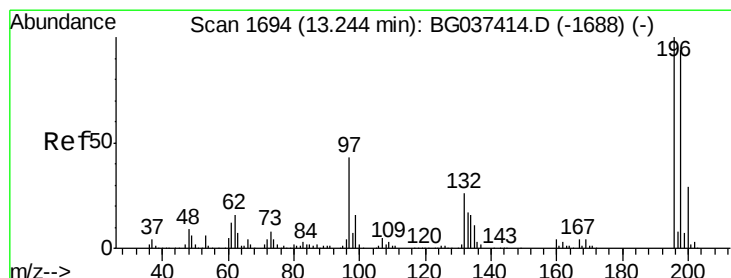
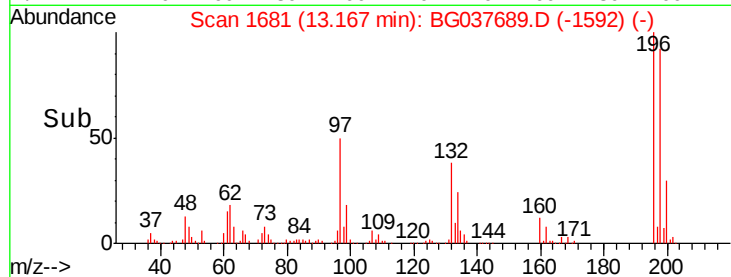
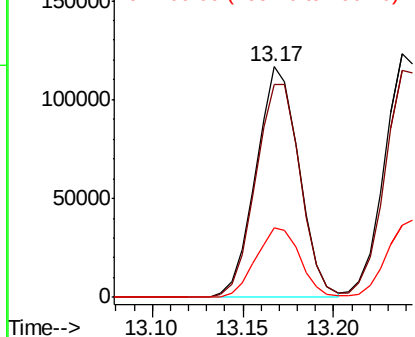
#43
2,4,6-Trichlorophenol
Concen: 48.011 ng
RT: 13.17 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 192504
Ion Ratio Lower Upper
196 100
198 92.4 76.4 114.6
200 30.3 24.9 37.3

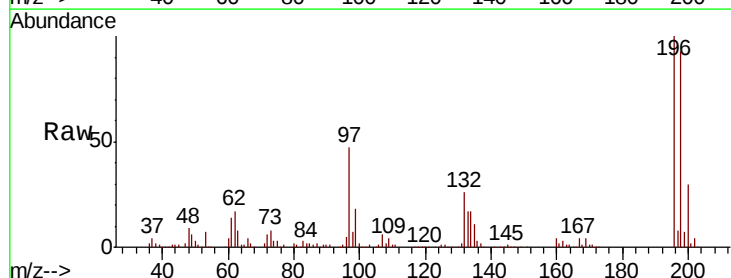


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

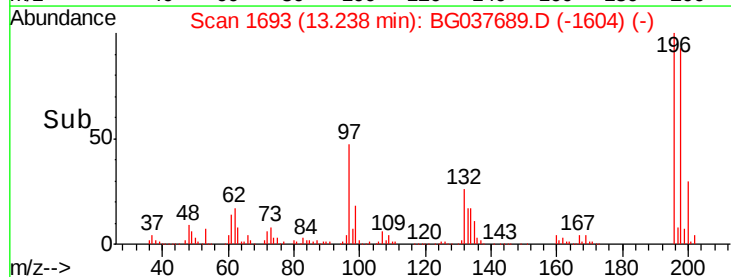
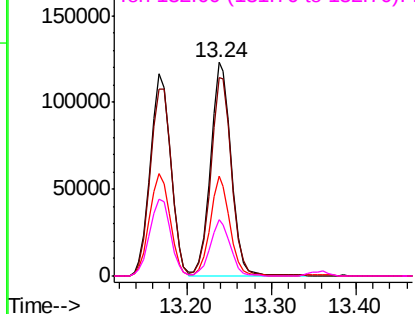


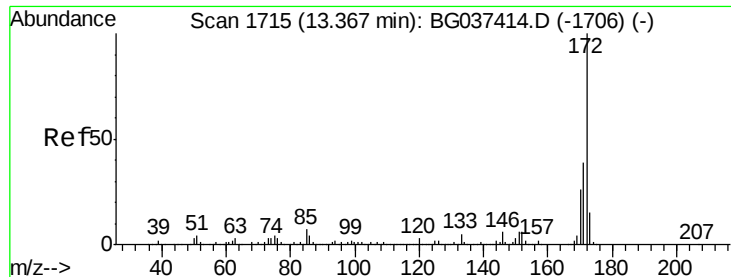
#44
2,4,5-Trichlorophenol
Concen: 48.799 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:196 Resp: 213034
Ion Ratio Lower Upper
196 100
198 93.1 74.2 111.2
97 46.6 34.1 51.1
132 26.3 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

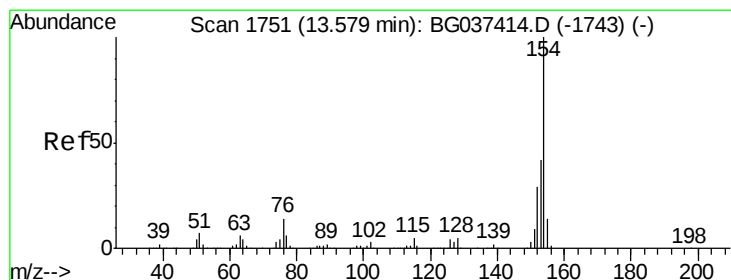
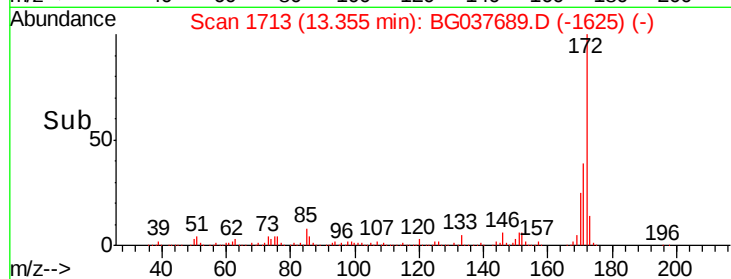
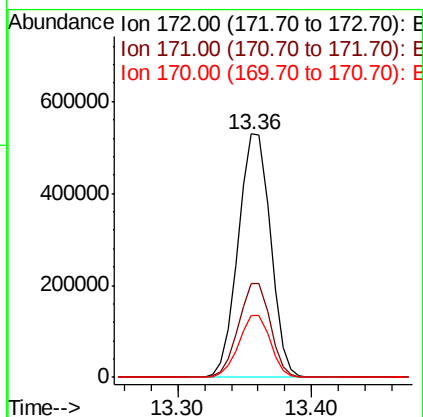
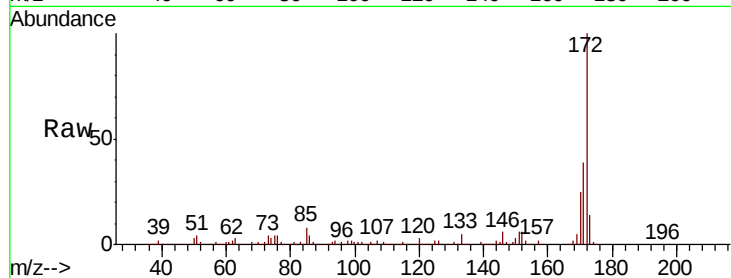




#45
2-Fluorobiphenyl
Concen: 72.057 ng
RT: 13.36 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

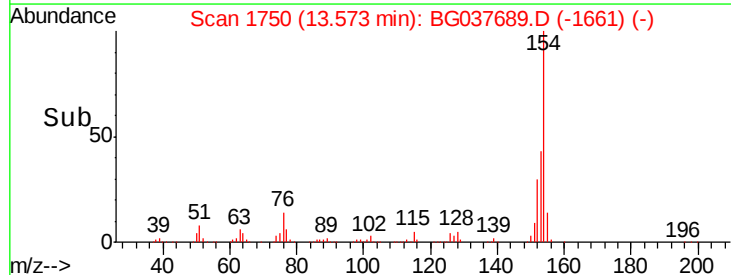
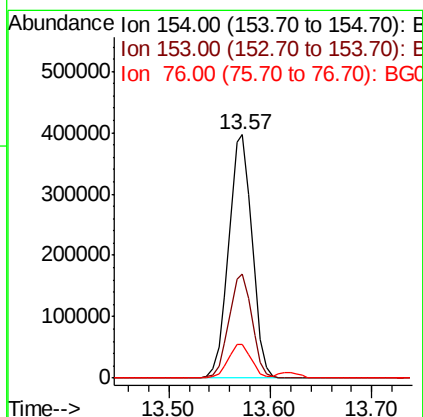
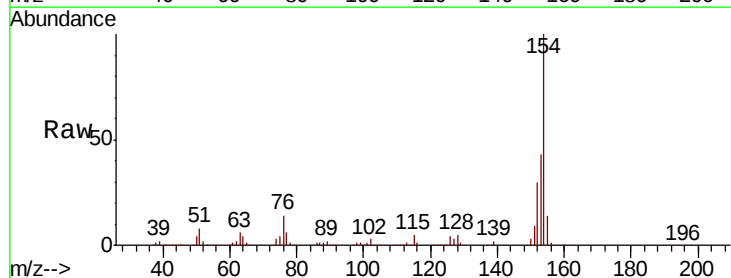
Instrument :
BNA_G
ClientSampleId :

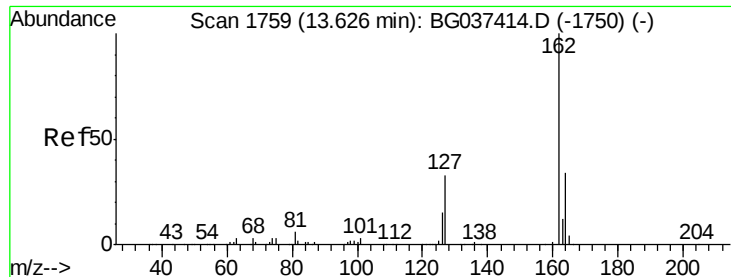
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	25.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 41.034 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	13.8	0.0	33.2

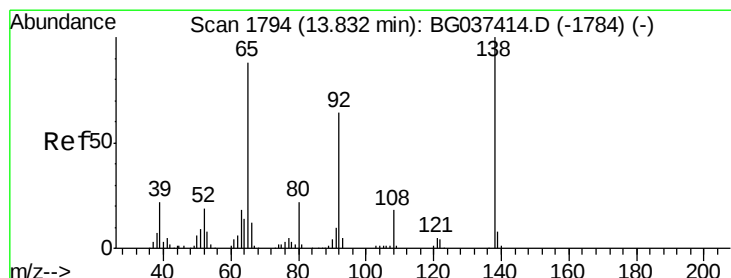
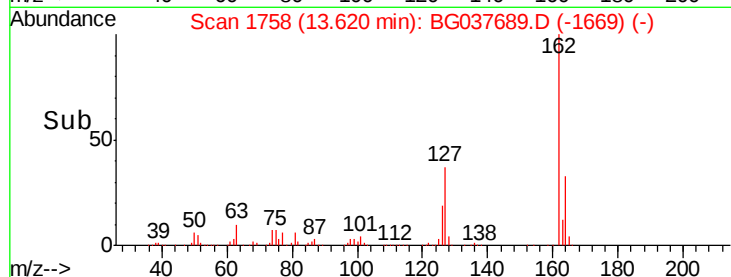
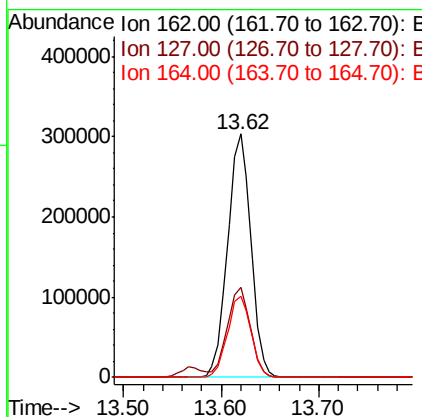
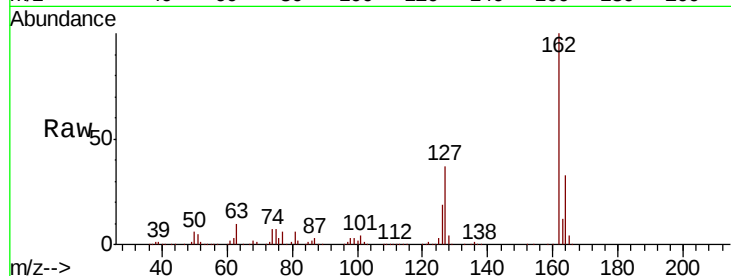




#47
 2-Chloronaphthalene
 Concen: 43.004 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

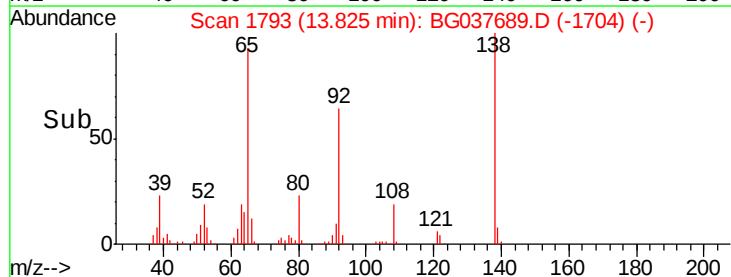
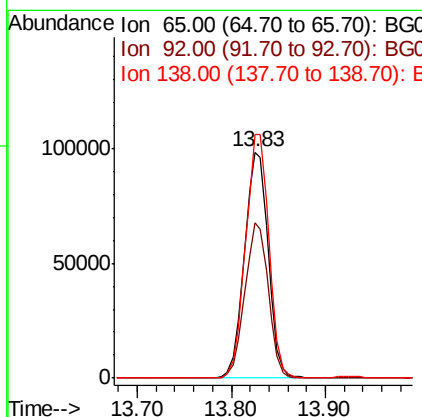
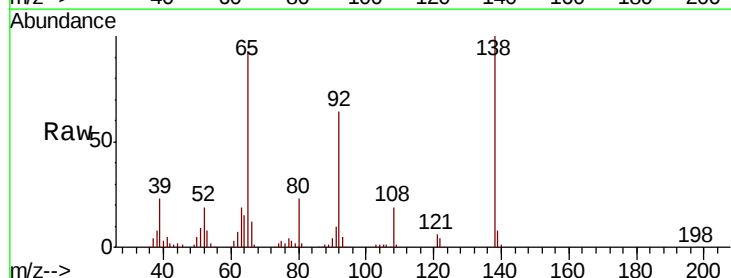
Instrument :
 BNA_G
 ClientSampleId :

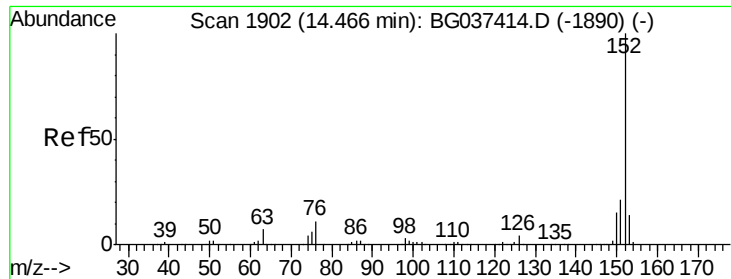
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	33.5	26.4	39.6



#48
 2-Nitroaniline
 Concen: 48.701 ng
 RT: 13.83 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.2	79.8
138	107.6	79.3	118.9





#49

Acenaphthylene

Concen: 47.156 ng

RT: 14.47 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

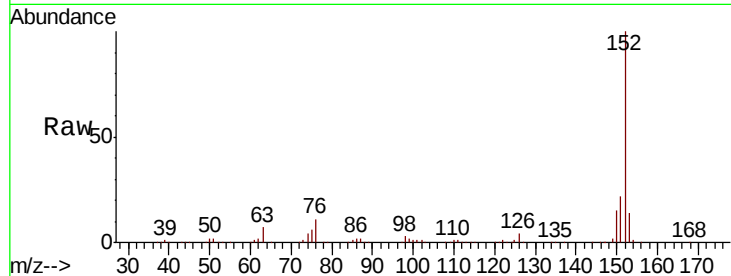
Tot Ion:152 Resp: 826970

Ion Ratio Lower Upper

152 100

151 21.9 17.1 25.7

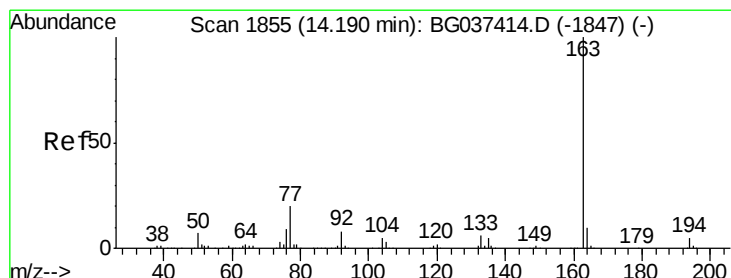
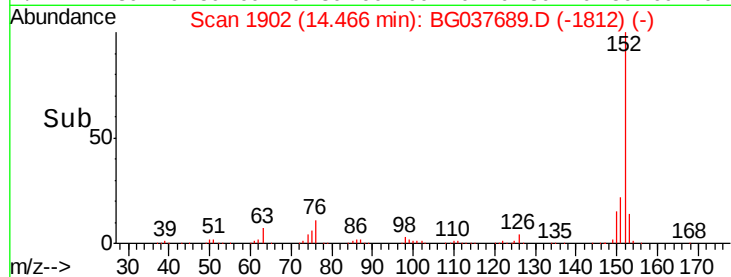
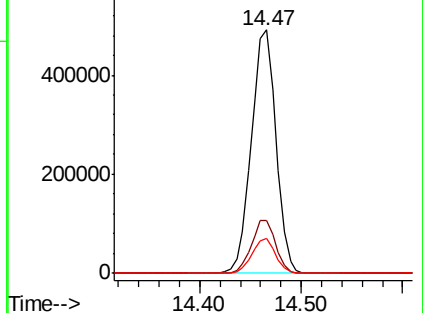
153 14.2 11.1 16.7



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: 45.700 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

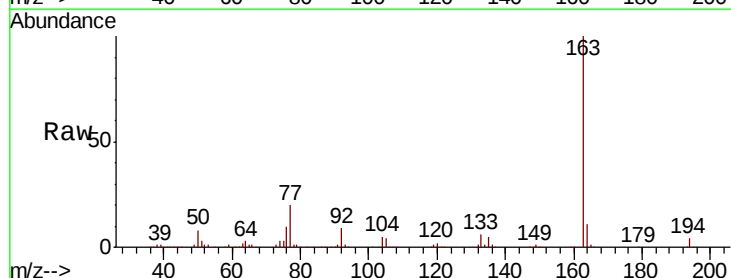
Tgt Ion:163 Resp: 657824

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

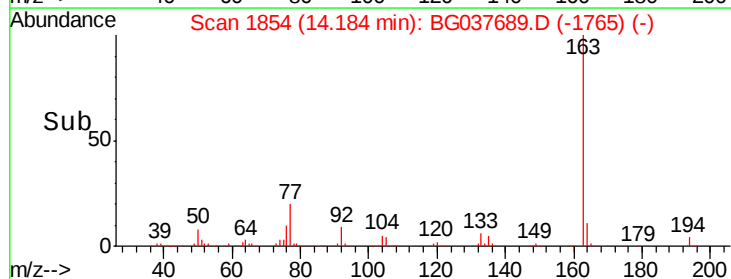
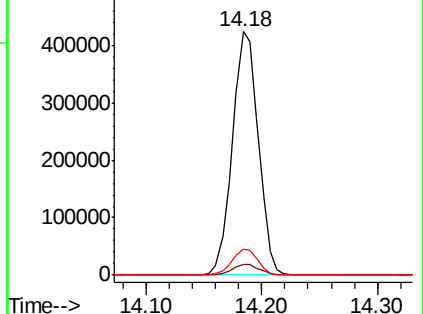
164 10.7 8.5 12.7

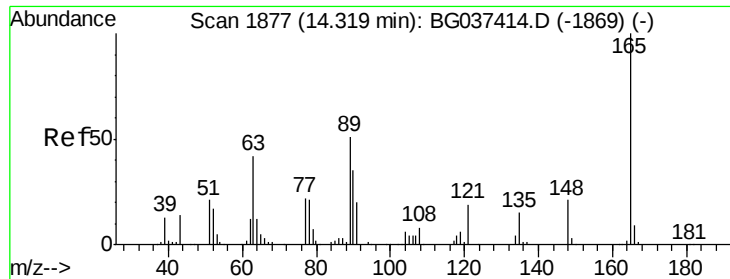


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.053 ng

RT: 14.32 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

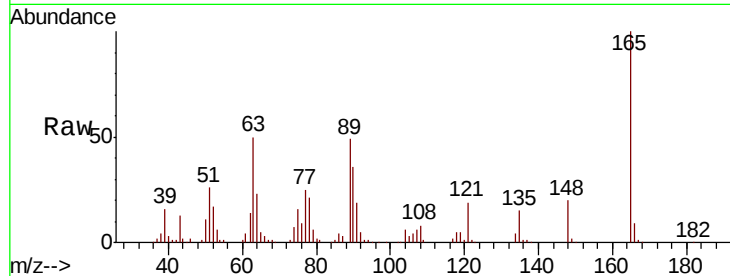
Tot Ion:165 Resp: 153018

Ion Ratio Lower Upper

165 100

63 49.5 43.4 65.2

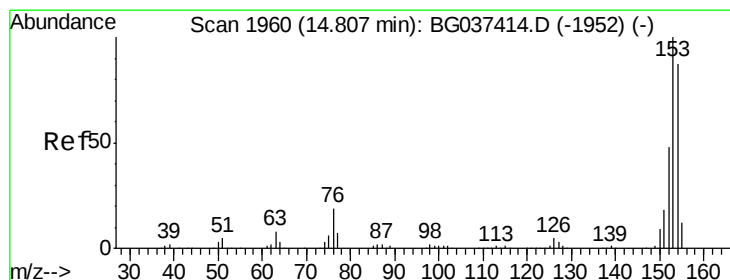
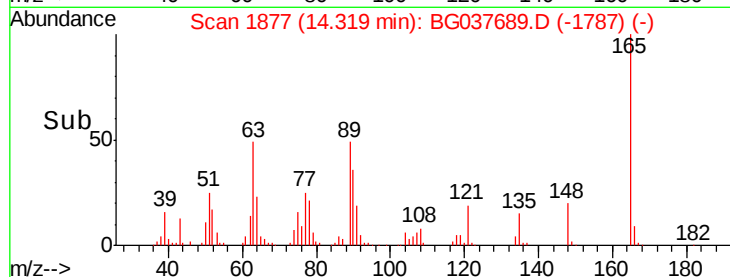
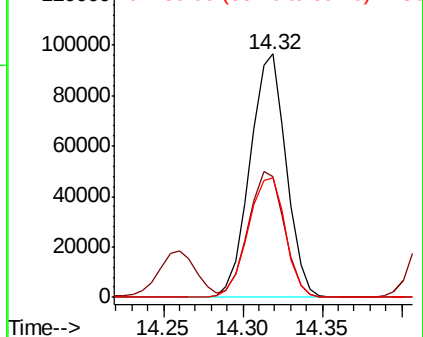
89 49.2 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 44.854 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

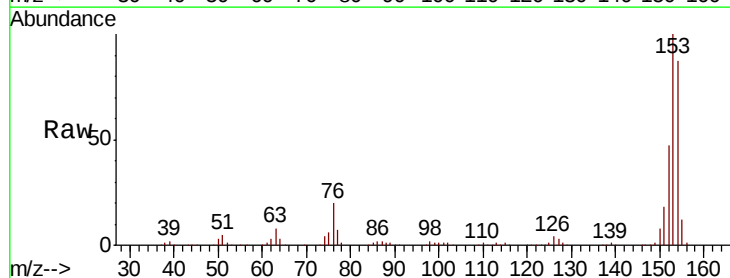
Tgt Ion:154 Resp: 484439

Ion Ratio Lower Upper

154 100

153 115.3 93.4 140.0

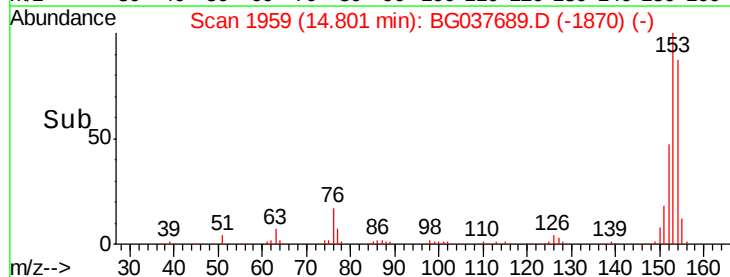
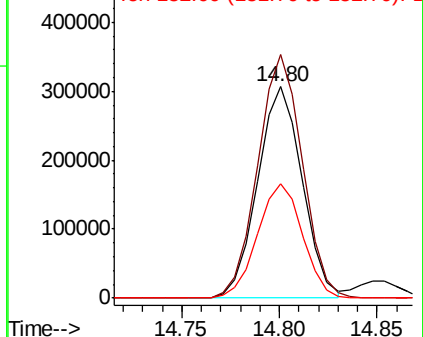
152 54.1 44.7 67.1

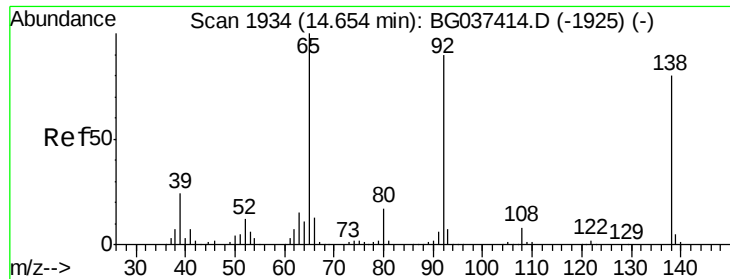


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 8.271 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

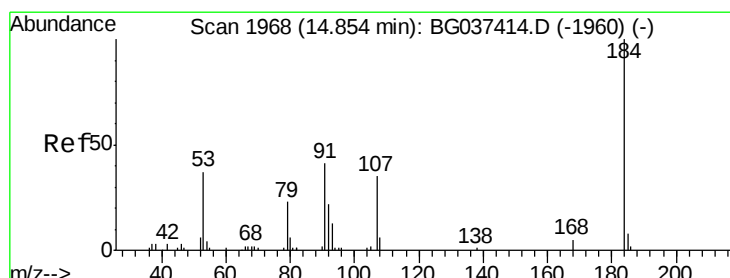
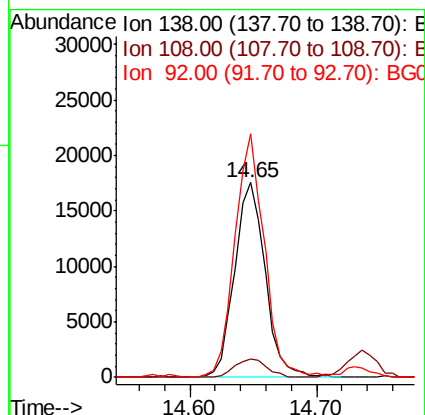
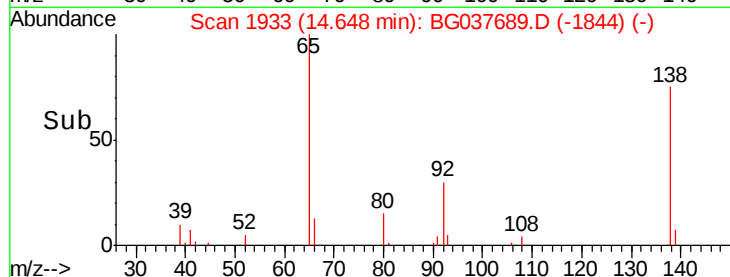
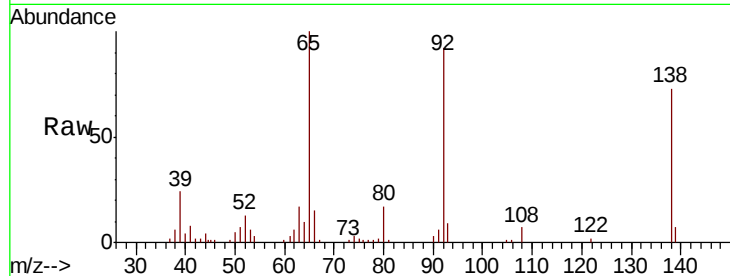
Tot Ion:138 Resp: 29237

Ion Ratio Lower Upper

138 100

108 9.6 11.0 16.6#

92 125.3 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 63.649 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

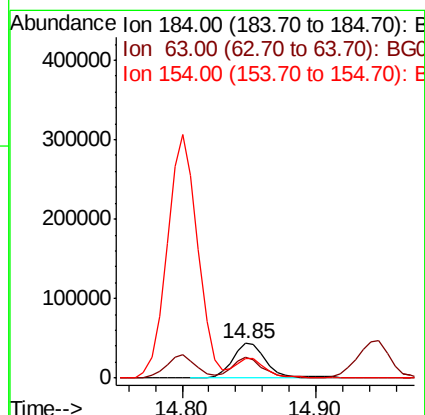
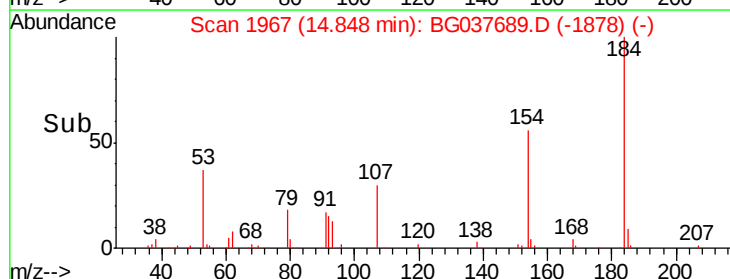
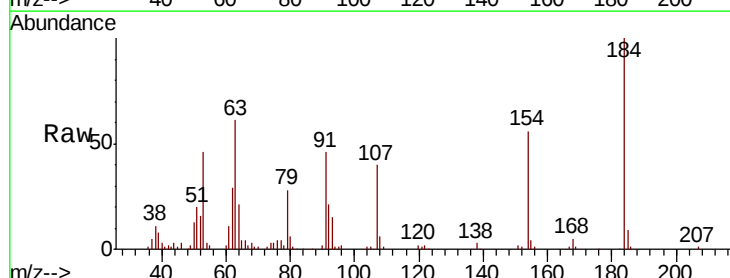
Tgt Ion:184 Resp: 77653

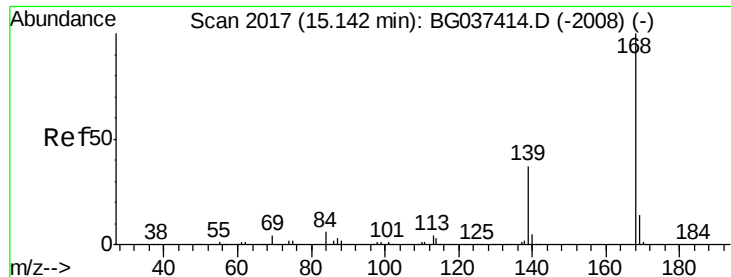
Ion Ratio Lower Upper

184 100

63 60.8 42.6 63.8

154 56.0 41.8 62.6

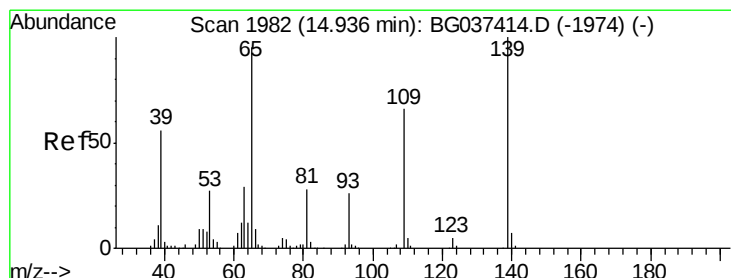
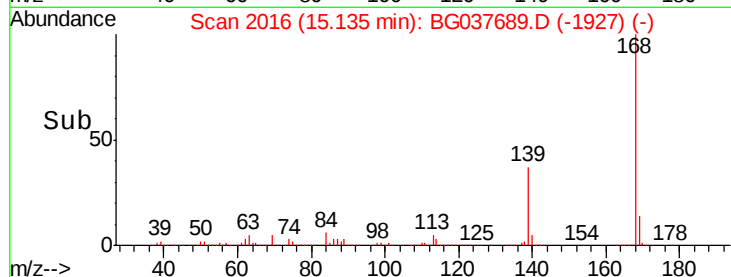
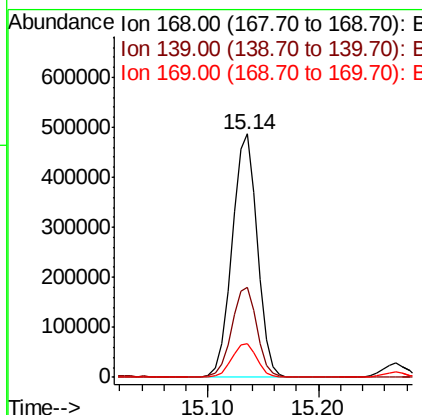
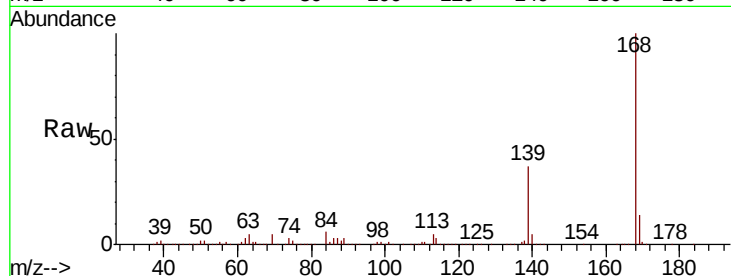




#55
Dibenzenofuran
Concen: 43.494 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

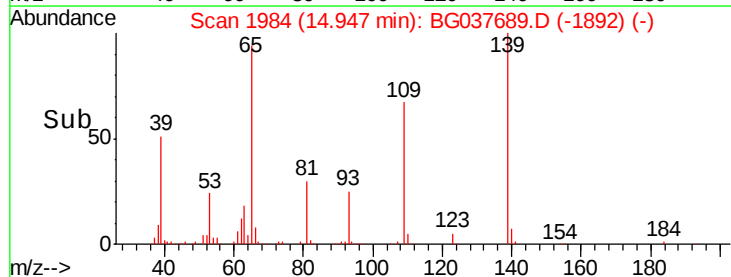
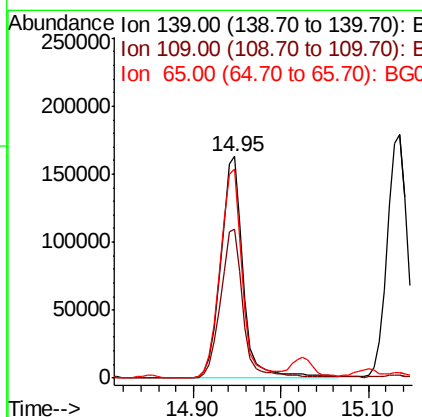
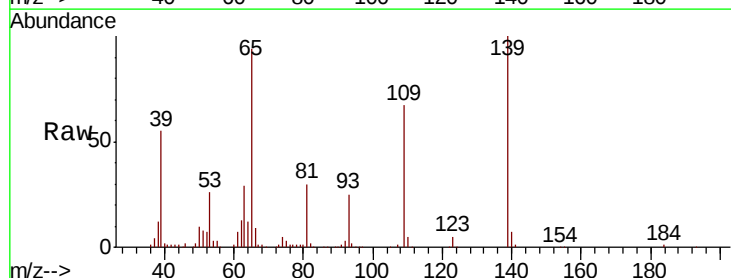
Instrument :
BNA_G
ClientSampleId :

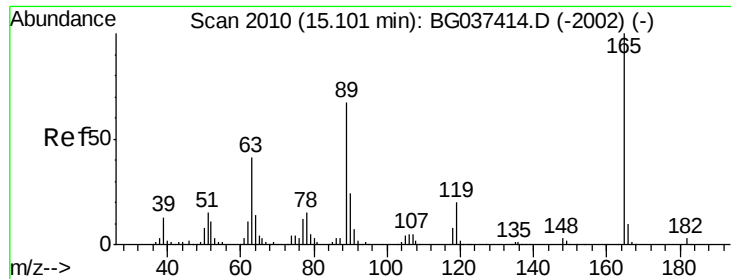
Tot Ion:168 Resp: 778292
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 110.874 ng
RT: 14.95 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:139 Resp: 290119
Ion Ratio Lower Upper
139 100
109 67.2 49.5 89.5
65 94.3 76.8 116.8

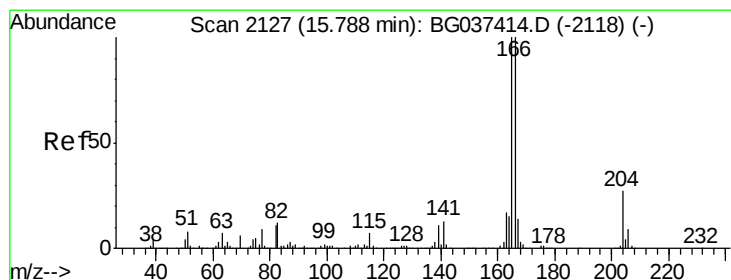
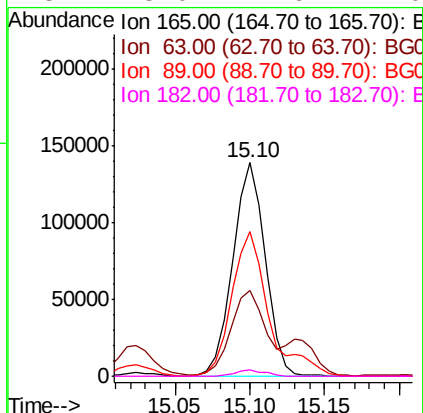
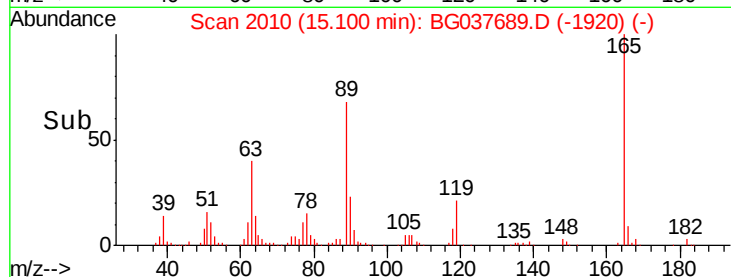
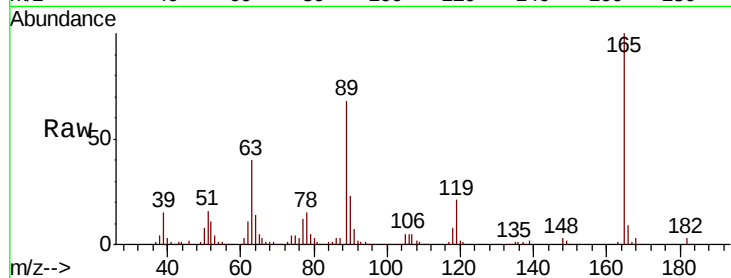




#57
2,4-Dinitrotoluene
Concen: 50.365 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

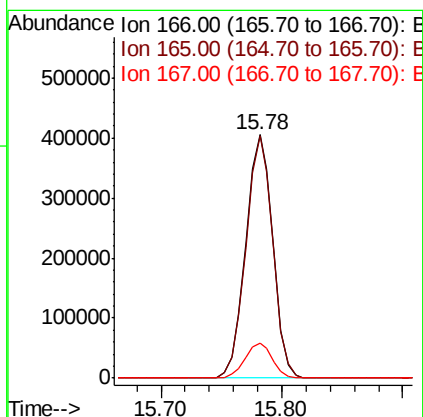
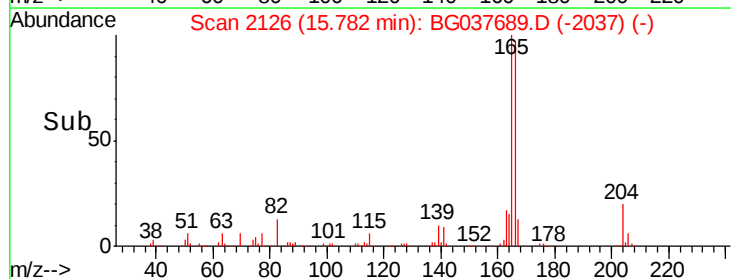
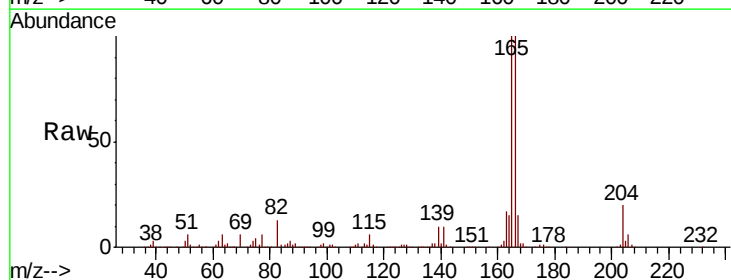
Instrument :
BNA_G
ClientSampleId :

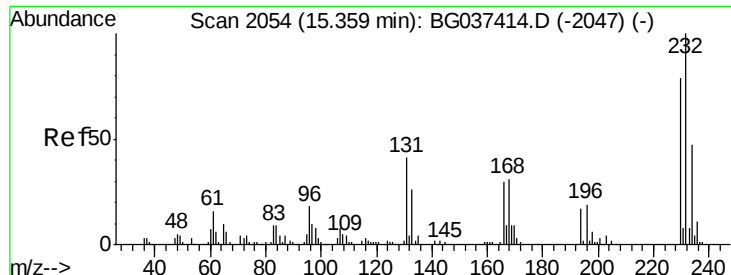
Tot Ion:165	Resp:	210527
Ion Ratio	Lower	Upper
165	100	
63	39.9	33.4 50.0
89	67.8	57.2 85.8
182	3.0	2.6 4.0



#58
Fluorene
Concen: 47.201 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:166	Resp:	632505
Ion Ratio	Lower	Upper
166	100	
165	99.5	79.0 118.6
167	14.5	11.3 16.9

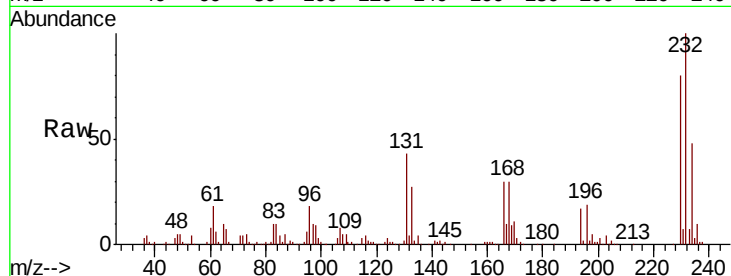




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.009 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.7	50.5
130	2.5	2.1	3.1
166	31.0	24.6	36.8



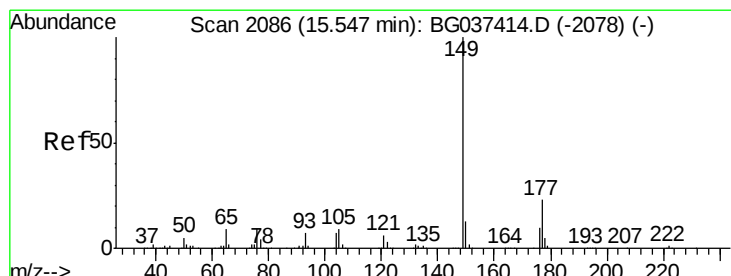
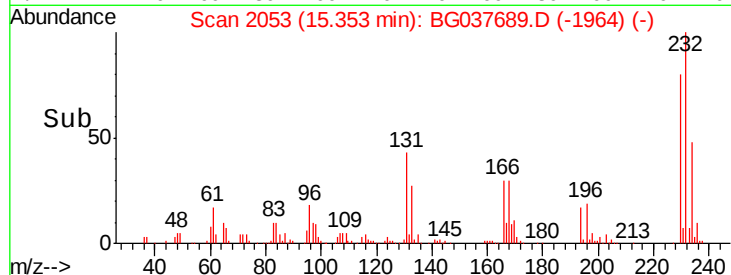
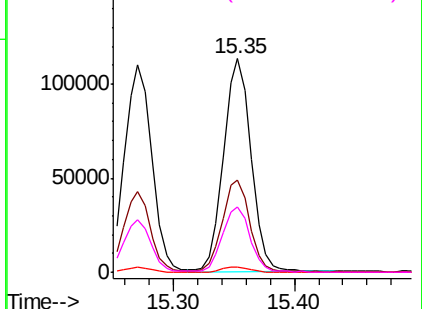
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

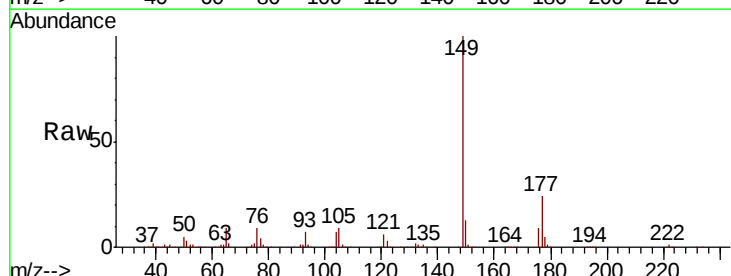
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.475 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	13.1	10.0	15.0

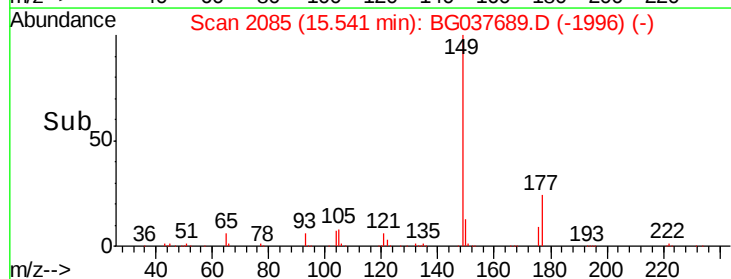
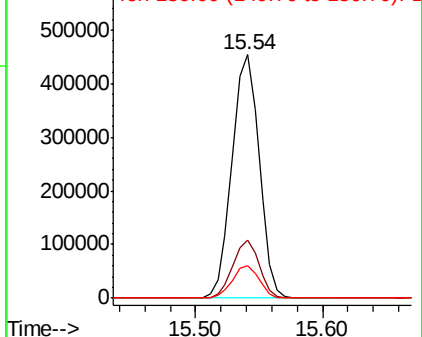


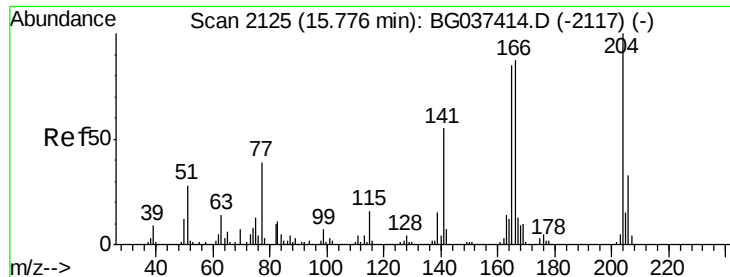
Abundance

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

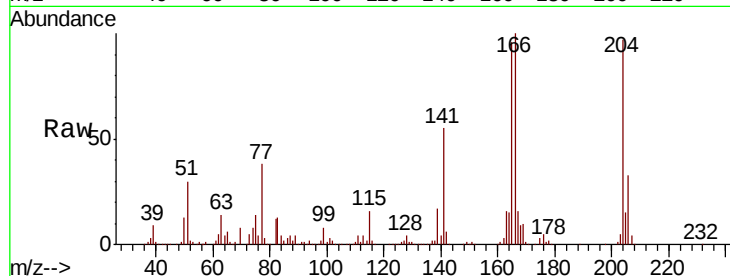




#61
4-Chlorophenyl-phenylether
Concen: 42.961 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.6	39.8
141	56.0	45.4	68.2

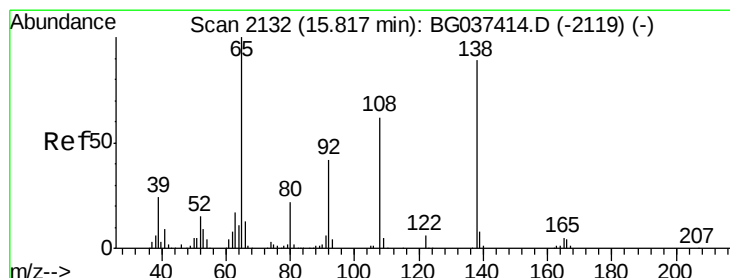
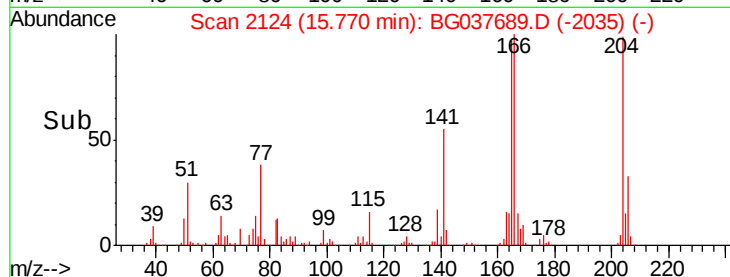
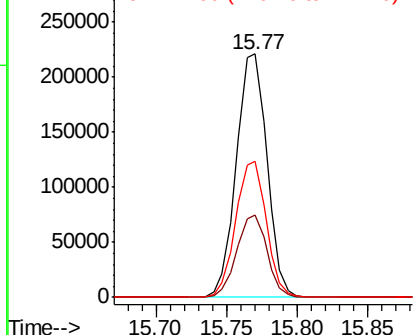


Abundance

Ion 204.00 (203.70 to 204.70): E

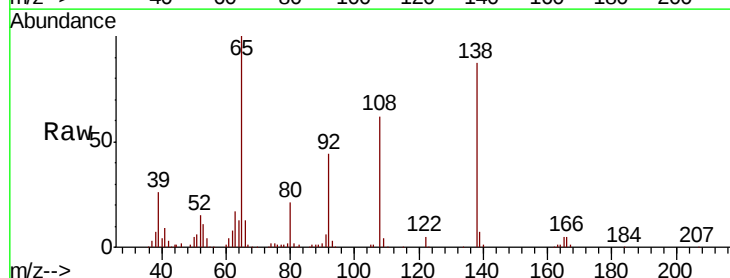
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.707 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	36.4	76.4
108	70.4	60.1	100.1

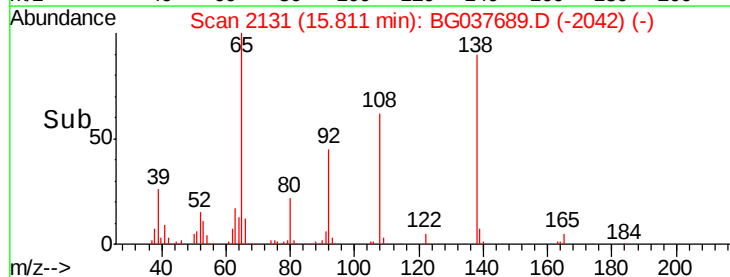
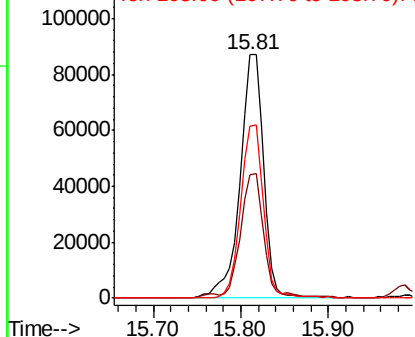


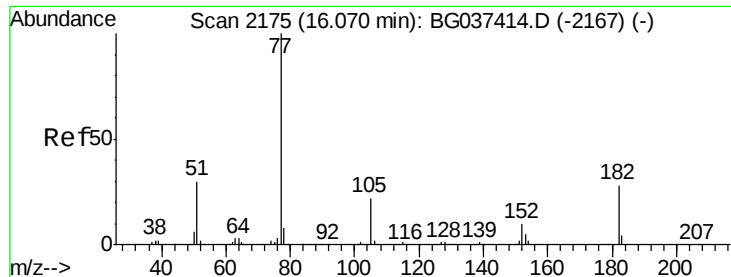
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

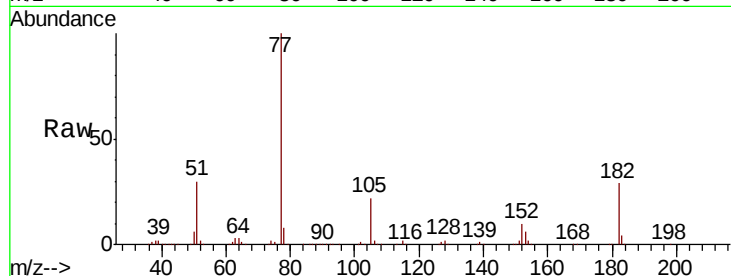




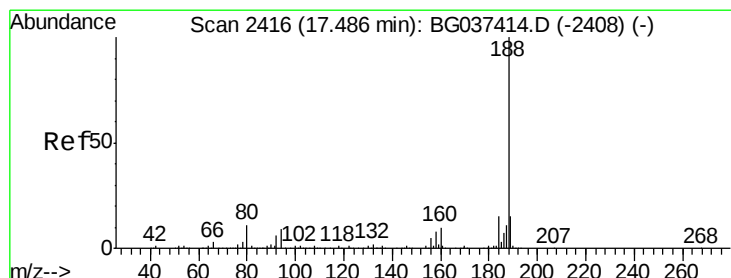
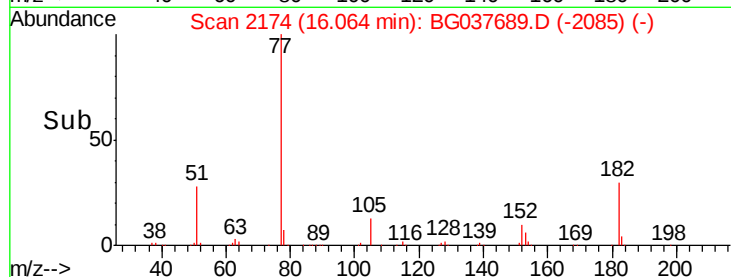
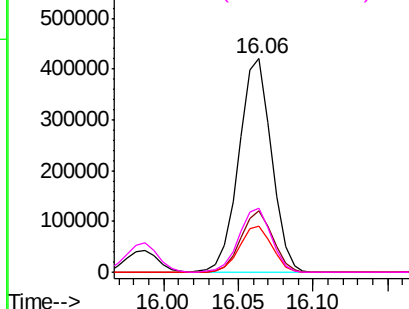
#63
Azobenzene
Concen: 45.058 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 635314
Ion Ratio Lower Upper
77 100
182 28.6 8.0 48.0
105 21.8 1.3 41.3
51 29.8 10.7 50.7

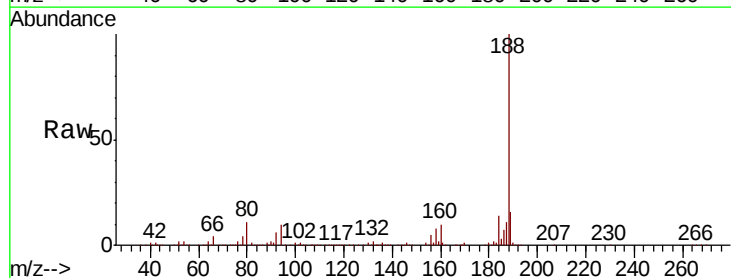


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

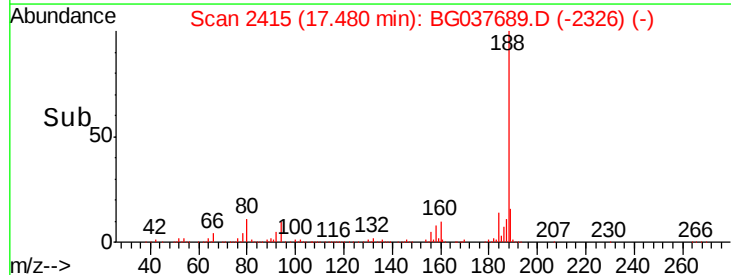
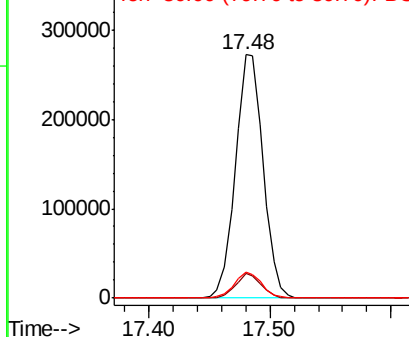


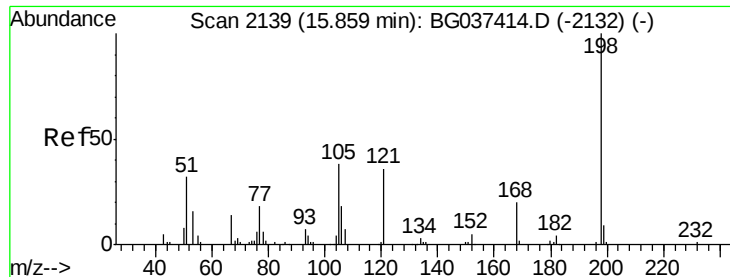
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion: 188 Resp: 434718
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.7 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

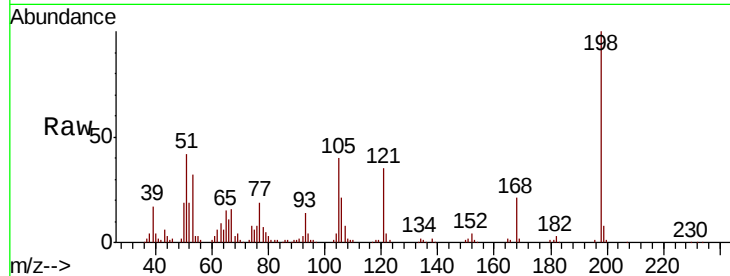




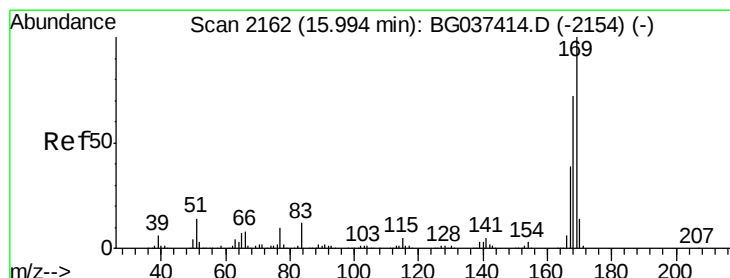
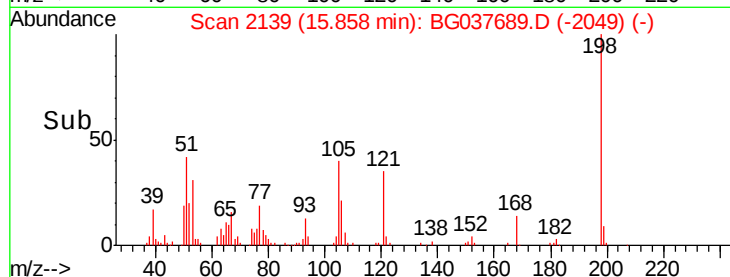
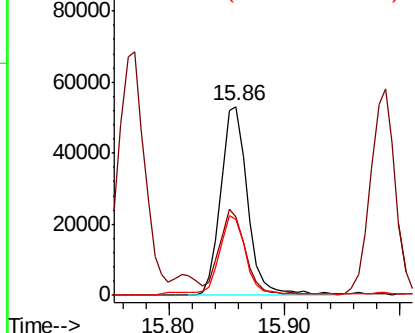
#65
4,6-Dinitro-2-methylphenol
Concen: 39.590 ng
RT: 15.86 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 86180
Ion Ratio Lower Upper
198 100
51 41.6 22.7 62.7
105 40.1 19.7 59.7

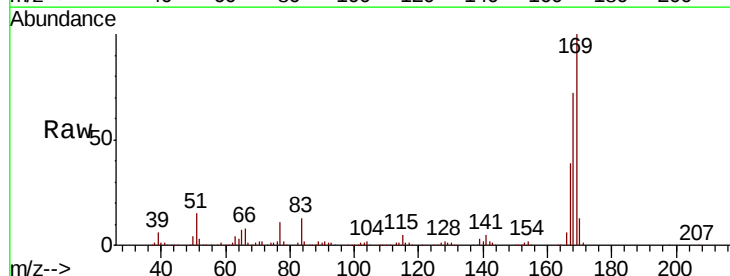


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

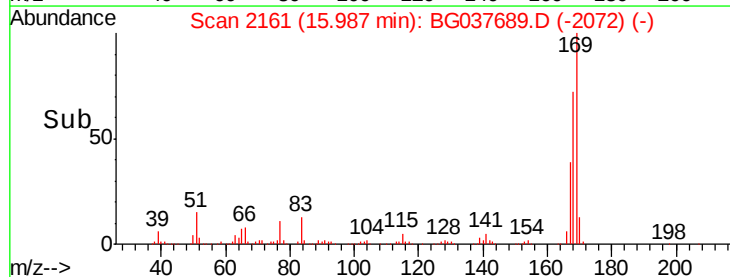
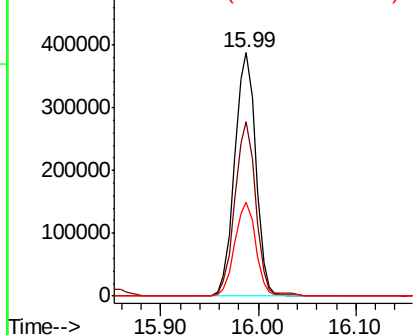


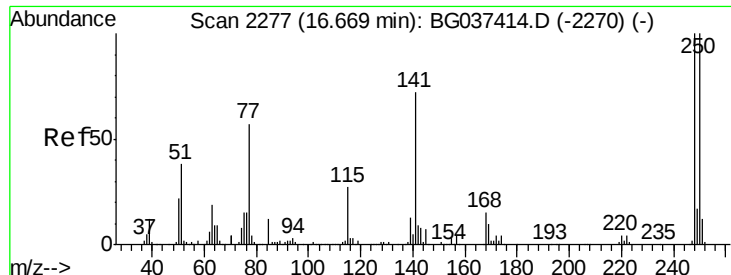
#66
n-Nitrosodiphenylamine
Concen: 44.548 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:169 Resp: 582533
Ion Ratio Lower Upper
169 100
168 71.6 55.7 83.5
167 38.8 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

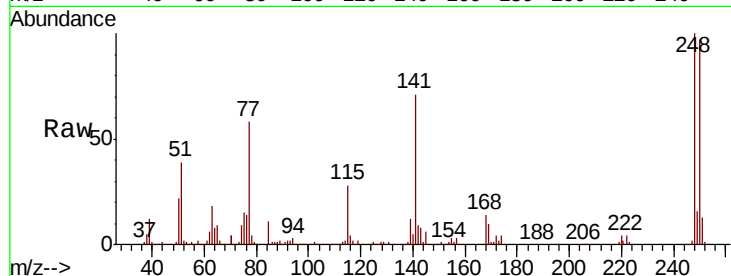




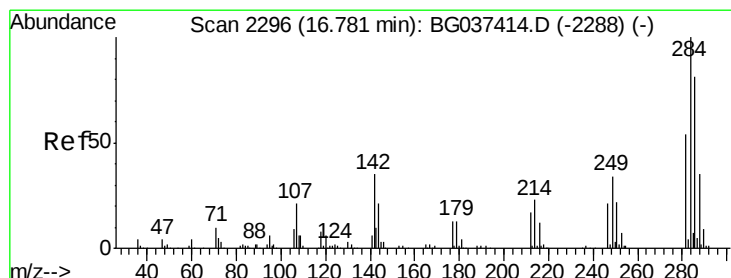
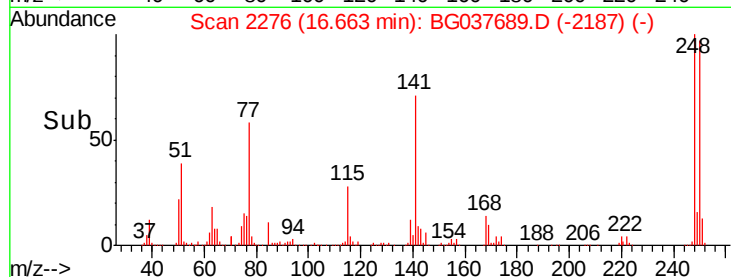
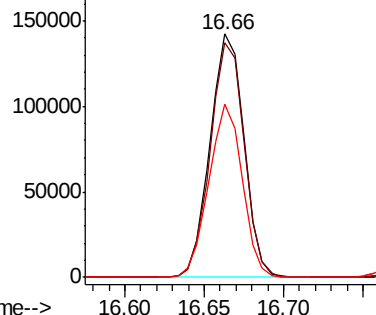
#67
4-Bromophenyl-phenylether
Concen: 44.116 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 210607
Ion Ratio Lower Upper
248 100
250 96.6 77.0 115.6
141 71.3 55.5 83.3

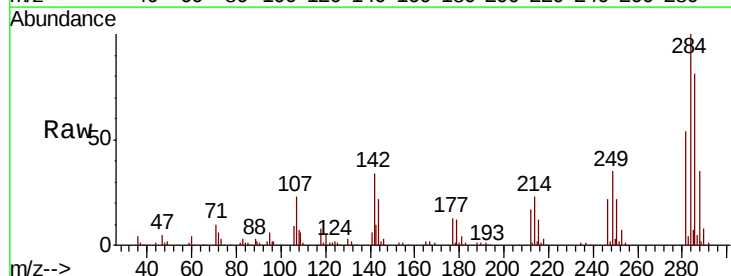


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

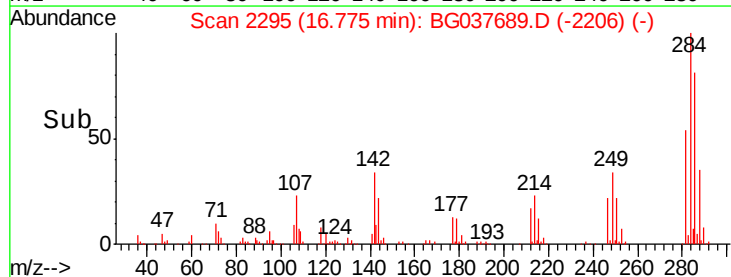
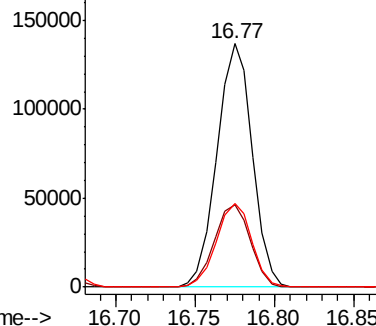


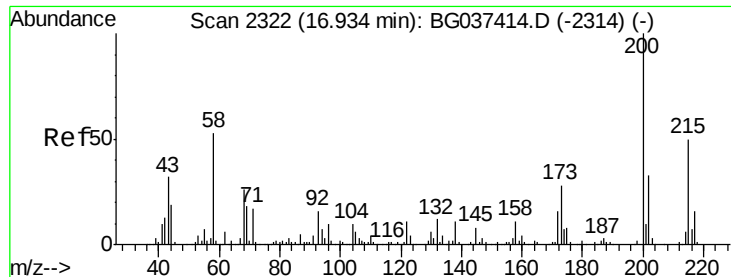
#68
Hexachlorobenzene
Concen: 42.774 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:284 Resp: 211634
Ion Ratio Lower Upper
284 100
142 34.0 28.1 42.1
249 37.2 29.8 44.8



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





#69

Atrazine

Concen: 46.092 ng

RT: 16.93 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

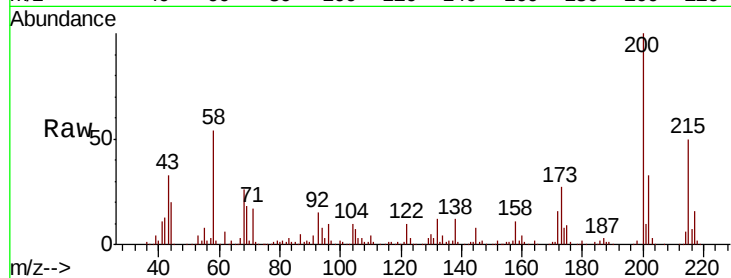
Tot Ion:200 Resp: 217914

Ion Ratio Lower Upper

200 100

173 26.6 6.1 46.1

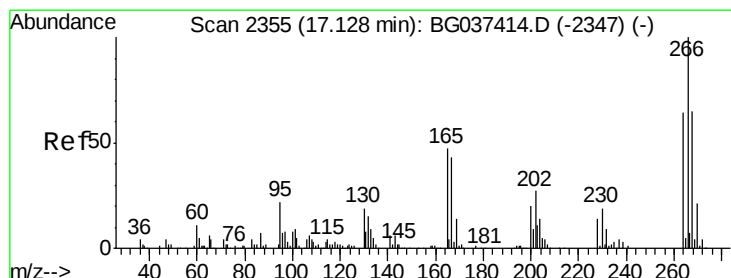
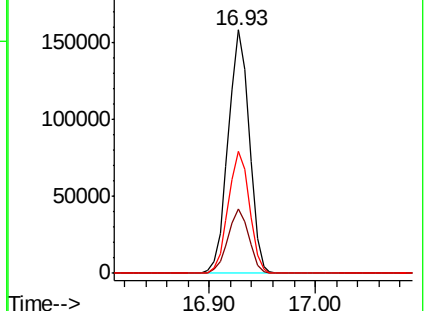
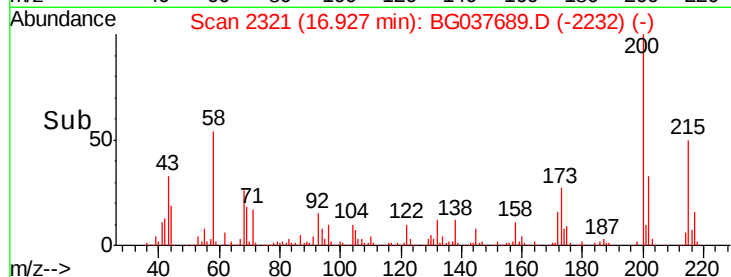
215 50.3 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 68.817 ng

RT: 17.12 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

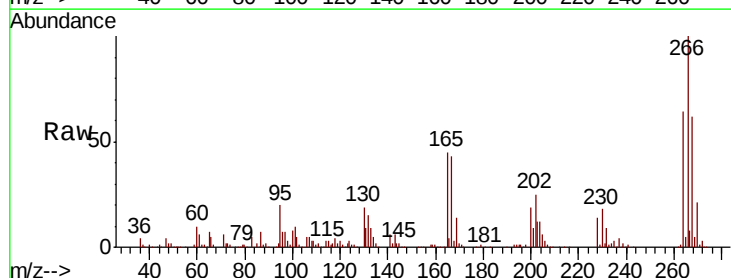
Tgt Ion:266 Resp: 228070

Ion Ratio Lower Upper

266 100

268 66.8 55.0 82.6

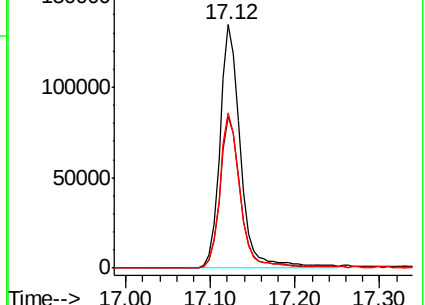
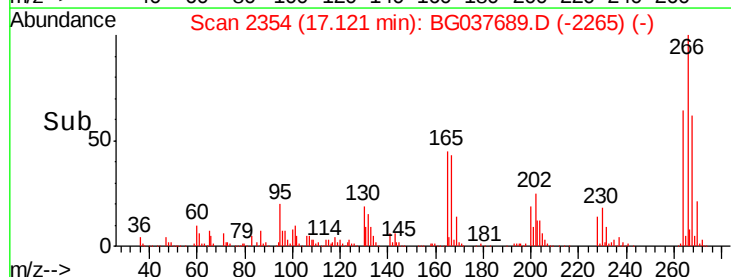
264 68.4 58.9 88.3

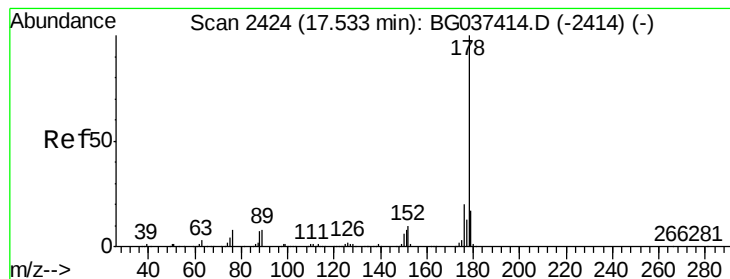


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.606 ng

RT: 17.53 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

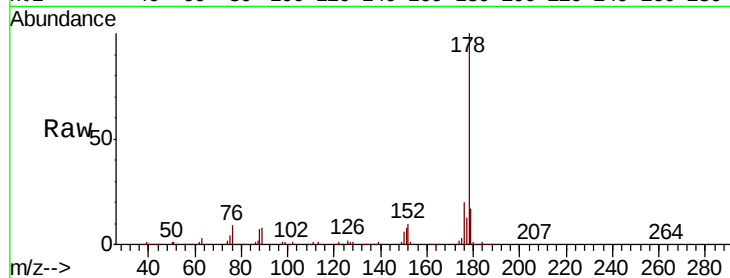
Tot Ion:178 Resp: 1029709

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

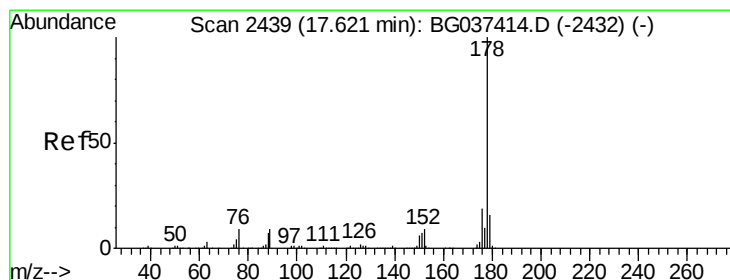
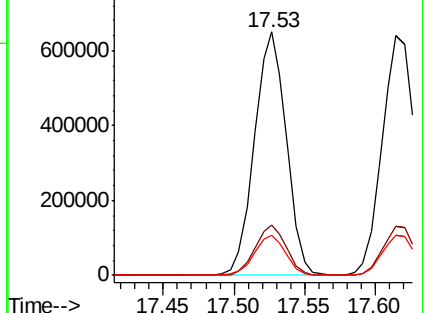
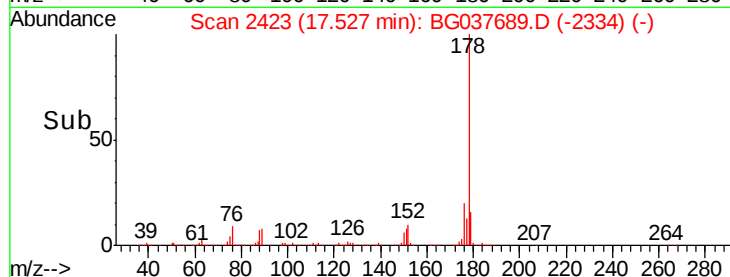
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.088 ng

RT: 17.61 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

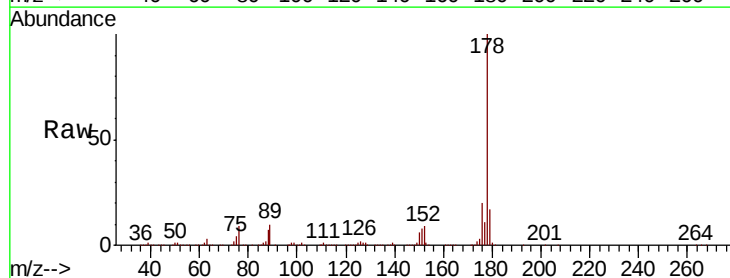
Tgt Ion:178 Resp: 1042634

Ion Ratio Lower Upper

178 100

176 20.2 15.0 22.4

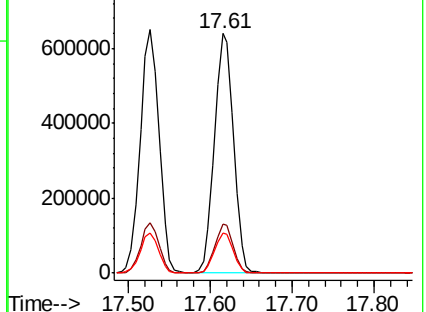
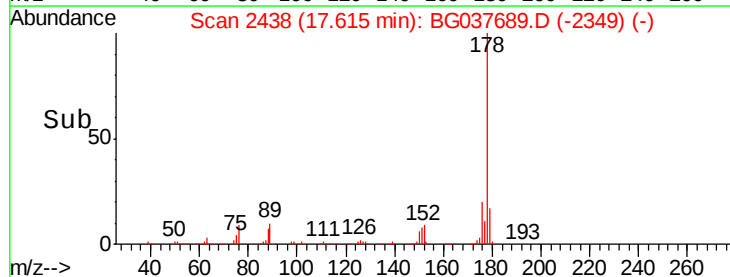
179 16.9 12.8 19.2

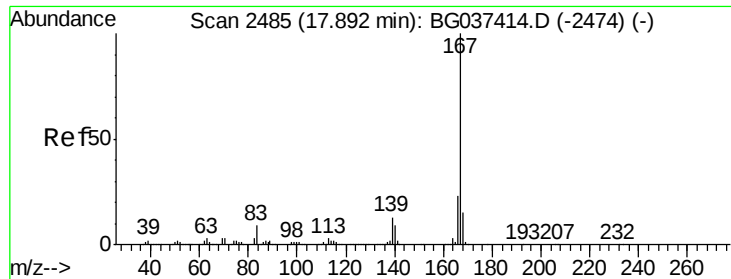


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

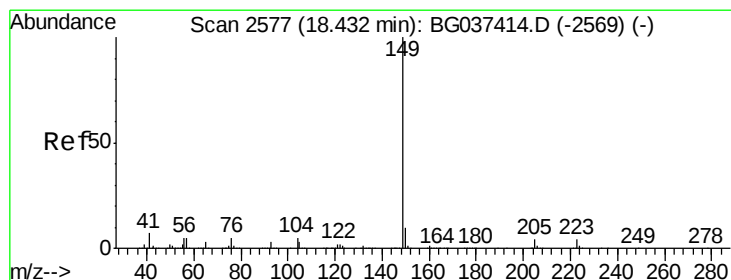
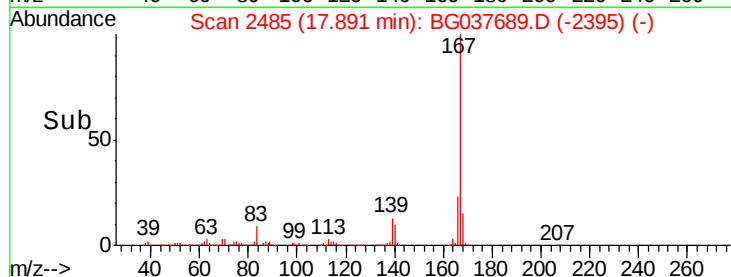
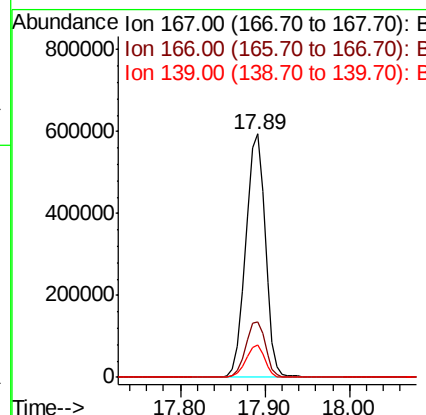
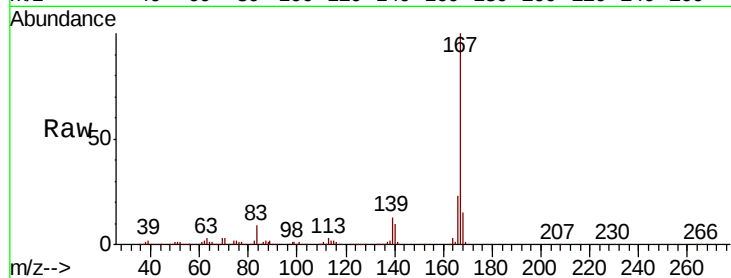




#73
 Carbazole
 Concen: 43.588 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

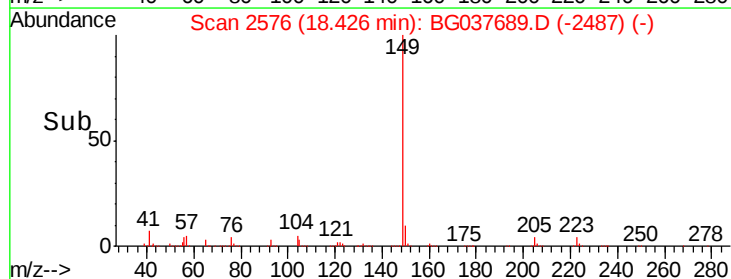
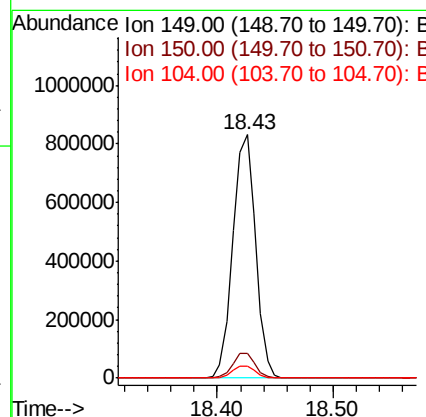
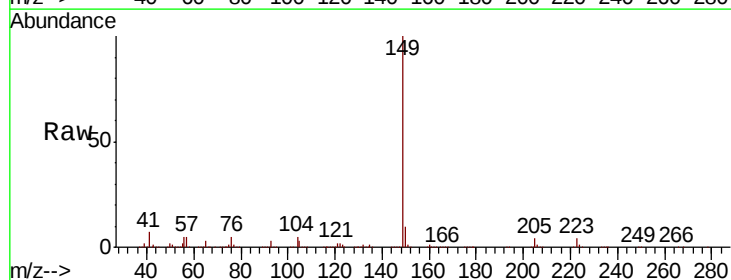
Instrument :
 BNA_G
 ClientSampleId :

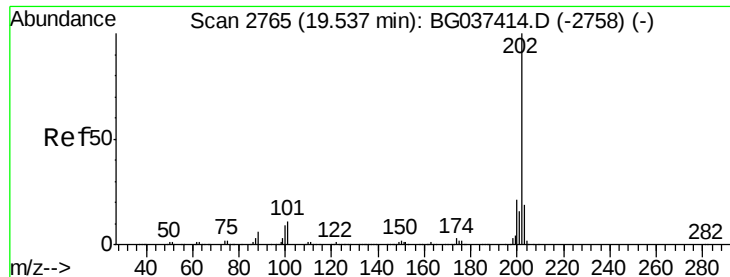
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.1	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 46.981 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037689.D
 Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.2	12.2
104	5.2	4.0	6.0





#75

Fluoranthene

Concen: 47.100 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampled :

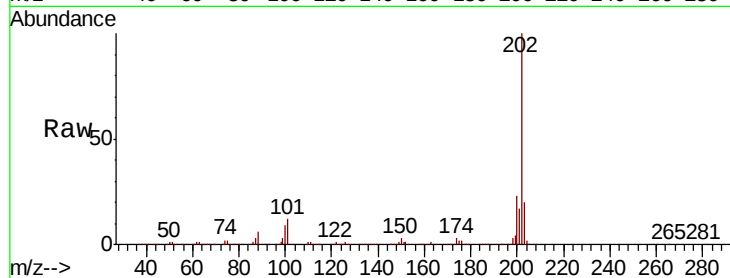
Tot Ion:202 Resp: 1180265

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.7

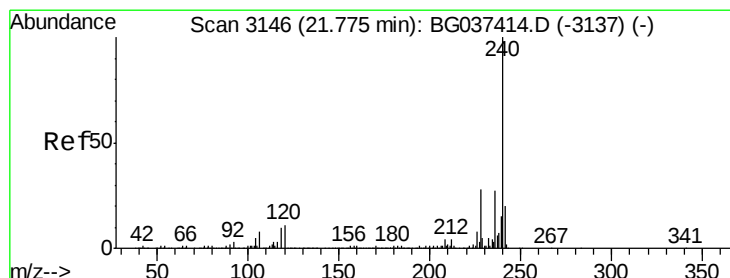
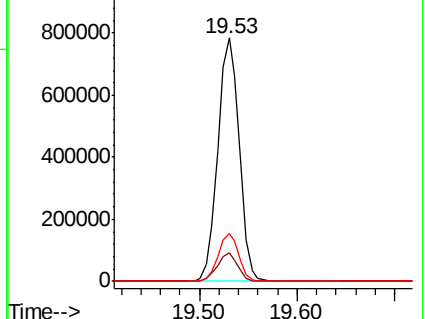
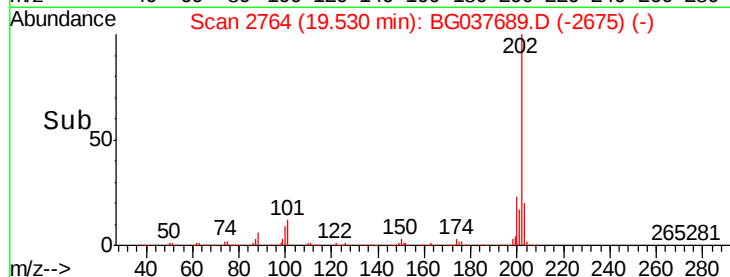
203 19.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

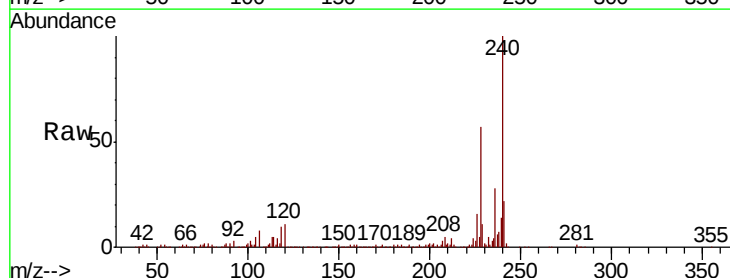
Tgt Ion:240 Resp: 389828

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

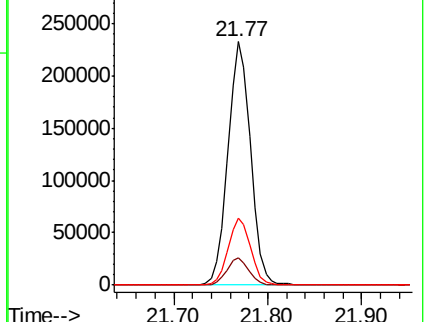
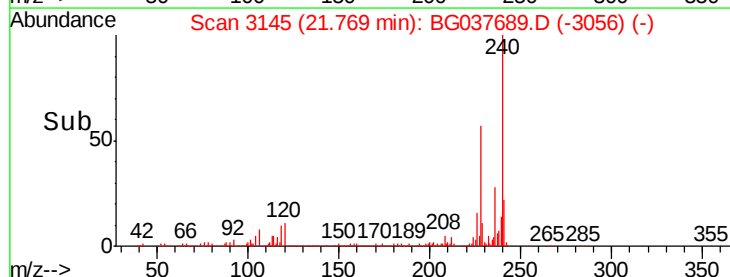
236 27.6 21.4 32.0

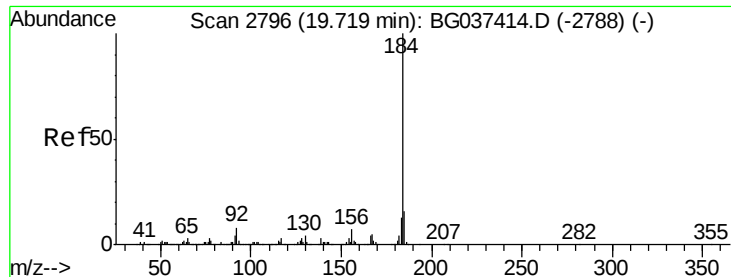


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

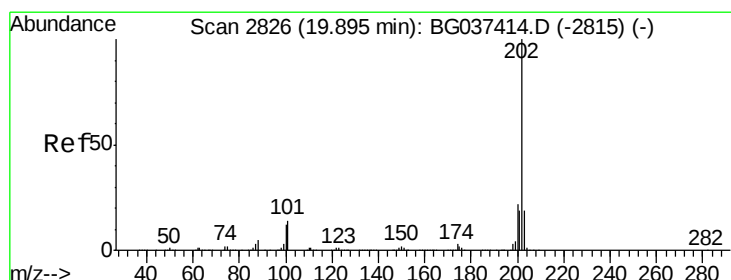
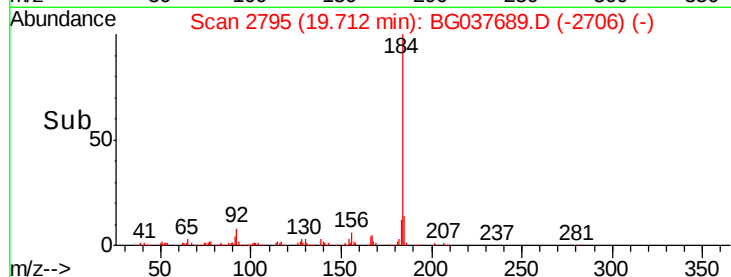
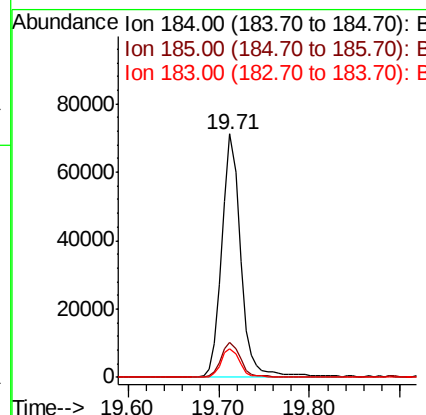
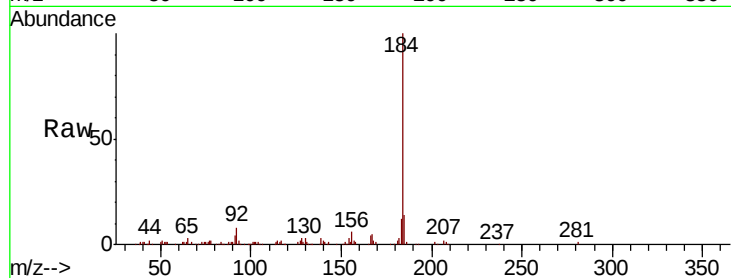




#77
Benzidine
Concen: 7.831 ng
RT: 19.71 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

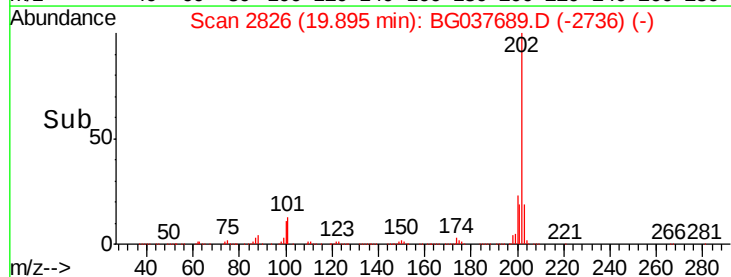
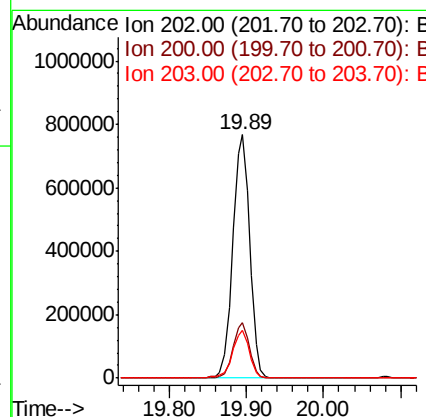
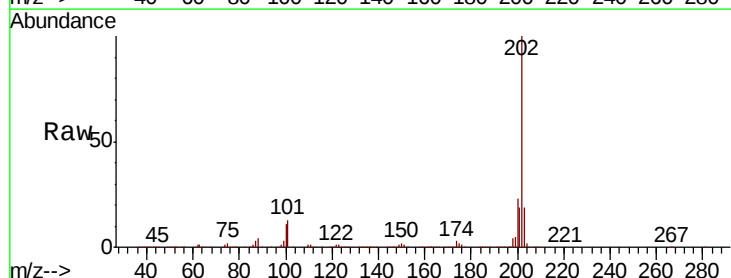
Instrument :
BNA_G
ClientSampleId :

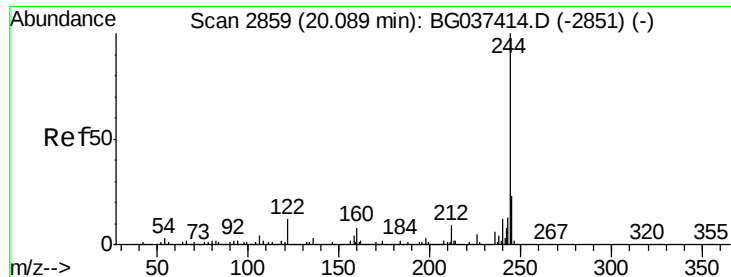
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	11.9	10.2	15.2



#78
Pyrene
Concen: 46.355 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.6
203	19.5	15.2	22.8





#79

Terphenyl-d14

Concen: 72.769 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

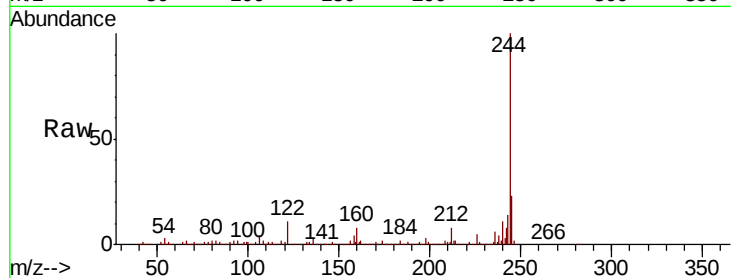
Tot Ion:244 Resp: 1327593

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

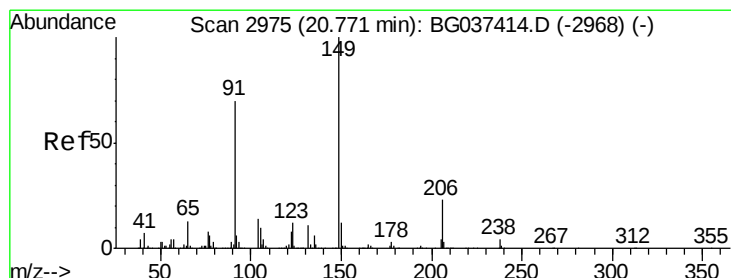
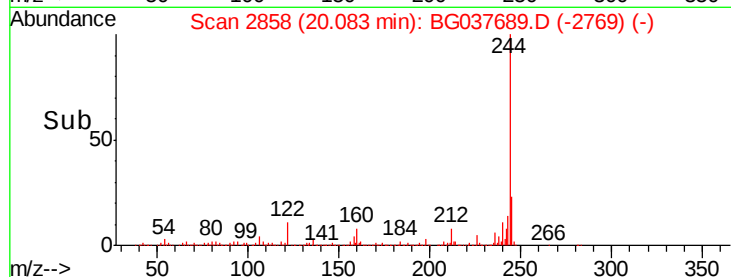
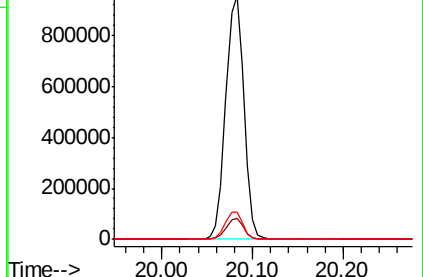
122 11.1 9.0 13.4



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: 49.447 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

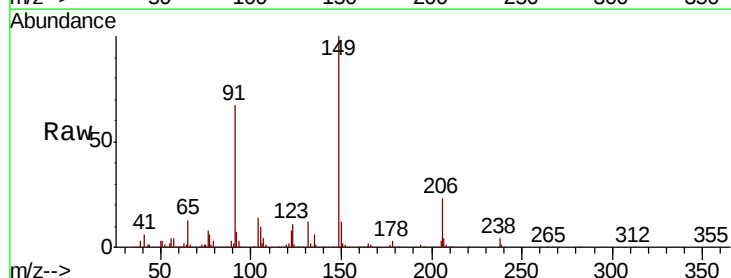
Tgt Ion:149 Resp: 515701

Ion Ratio Lower Upper

149 100

91 67.1 57.0 85.4

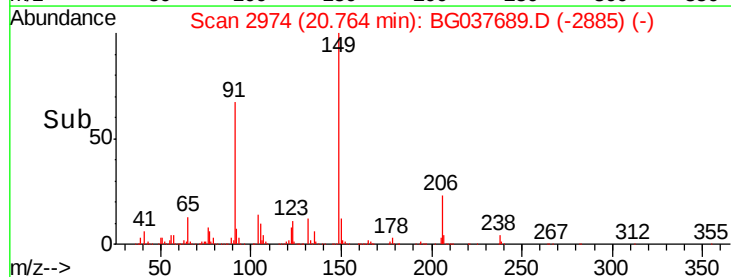
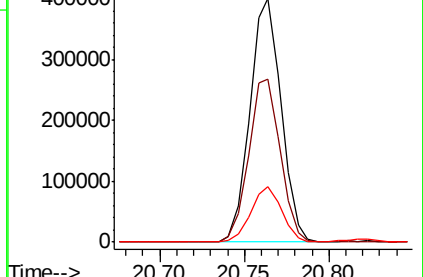
206 22.7 17.8 26.6

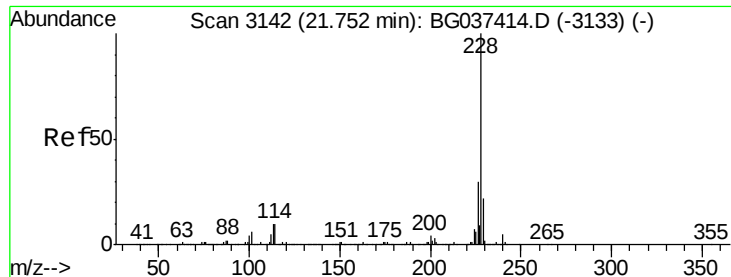


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

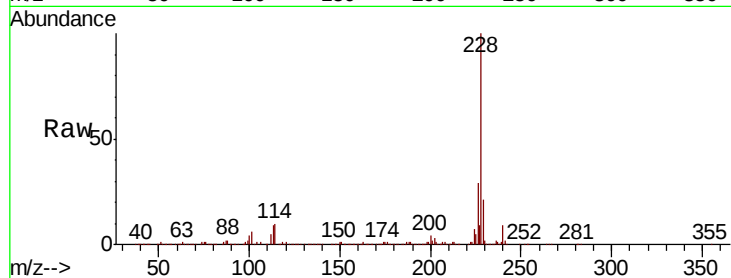




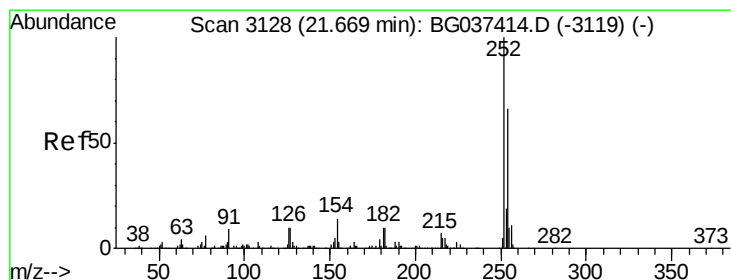
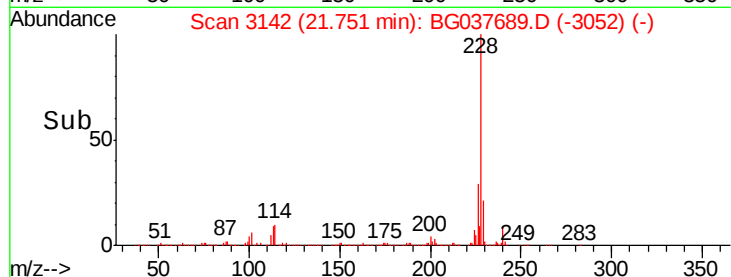
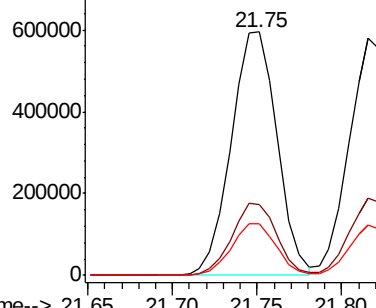
#81
Benzo(a)anthracene
Concen: 48.329 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1114380
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.1 16.3 24.5

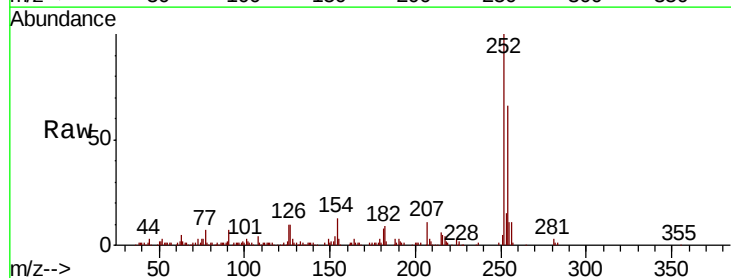


Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

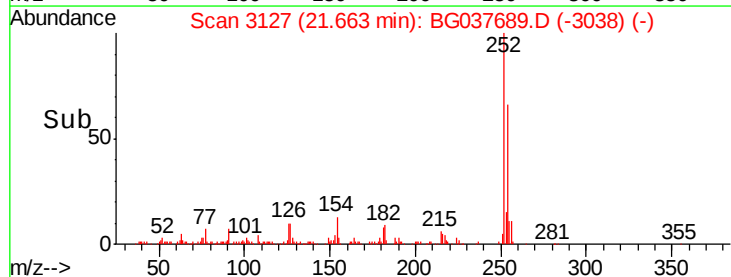
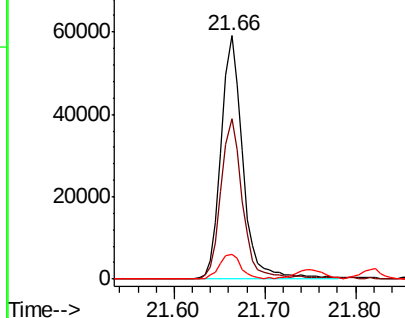


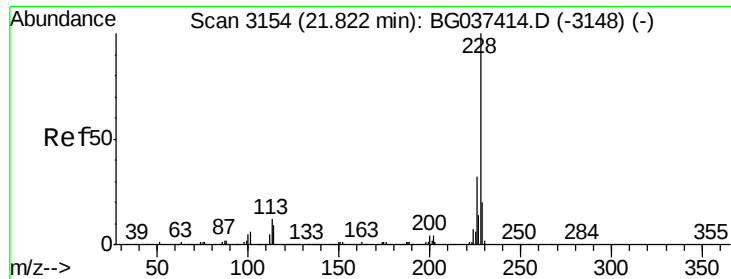
#82
3,3'-Dichlorobenzidine
Concen: 11.034 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:252 Resp: 98615
Ion Ratio Lower Upper
252 100
254 66.1 52.0 78.0
126 10.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
80000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

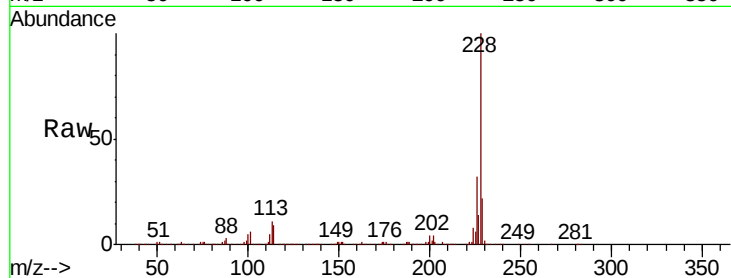




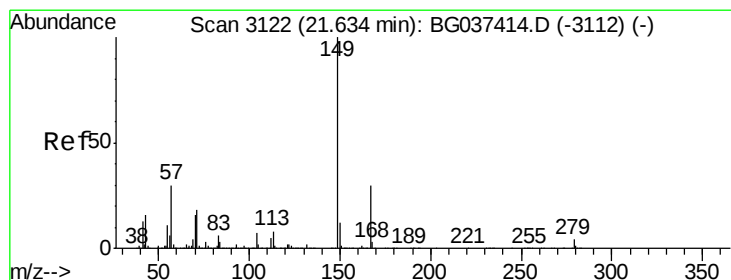
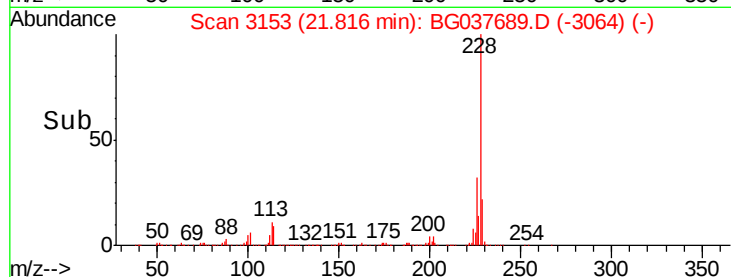
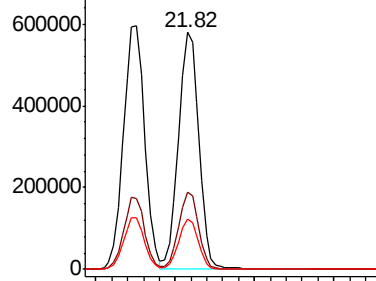
#83
Chrysene
Concen: 46.961 ng
RT: 21.82 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1041210
Ion Ratio Lower Upper
228 100
226 32.5 25.7 38.5
229 21.5 16.5 24.7

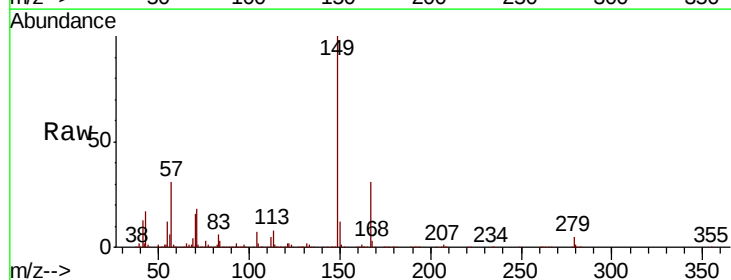


Abundance Ion 228.00 (227.70 to 228.70): E
800000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

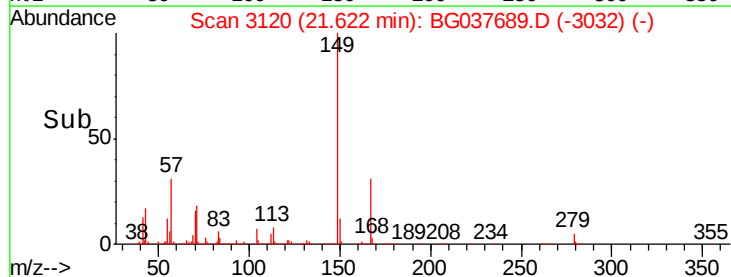
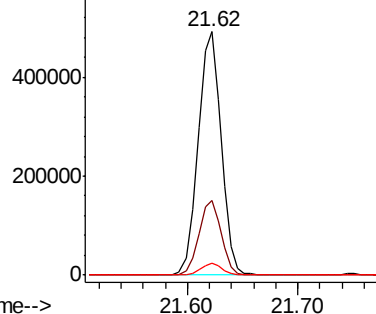


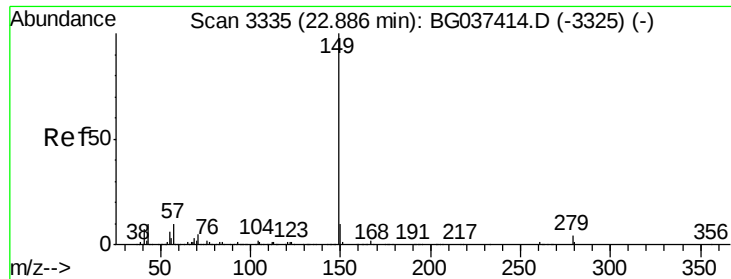
#84
Bis(2-ethylhexyl)phthalate
Concen: 49.292 ng
RT: 21.62 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:149 Resp: 720604
Ion Ratio Lower Upper
149 100
167 30.6 23.0 34.4
279 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
600000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.734 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

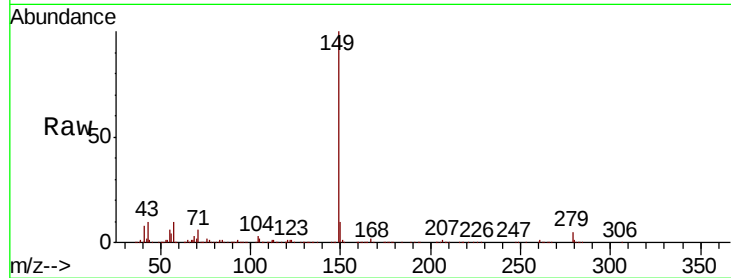
Tot Ion:149 Resp: 1209443

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

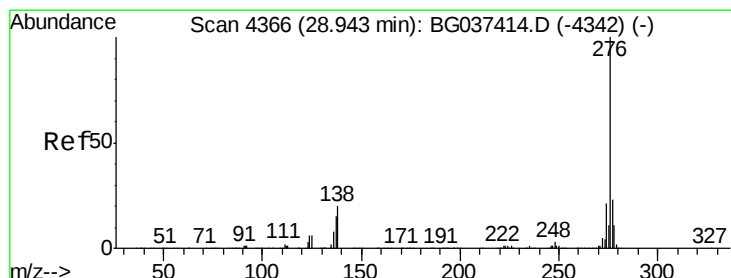
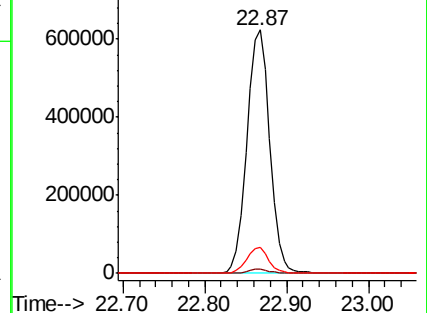
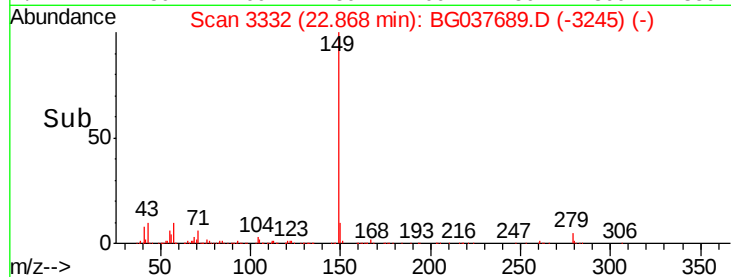
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.412 ng

RT: 28.94 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

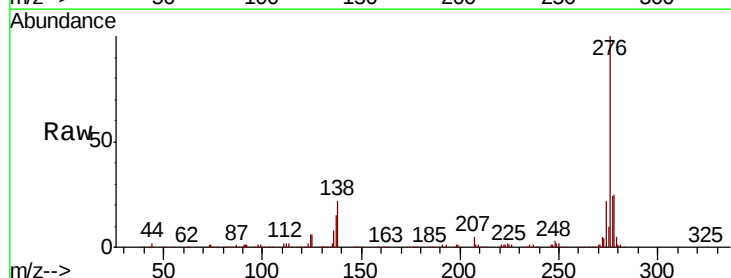
Tgt Ion:276 Resp: 1079929

Ion Ratio Lower Upper

276 100

138 23.0 12.0 18.0#

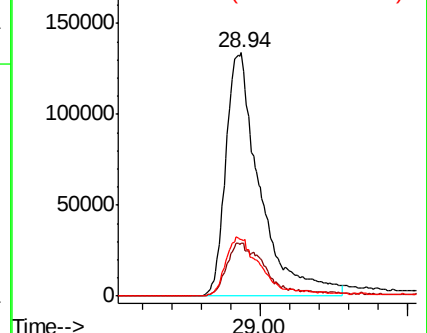
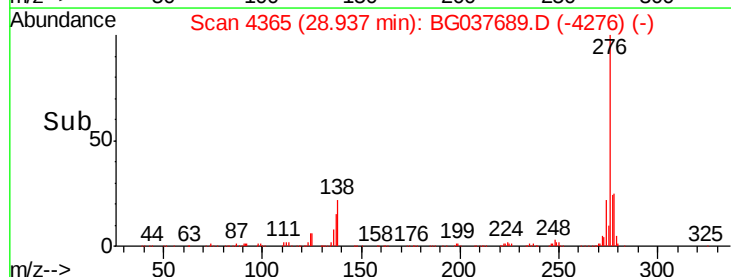
277 23.2 20.6 30.8

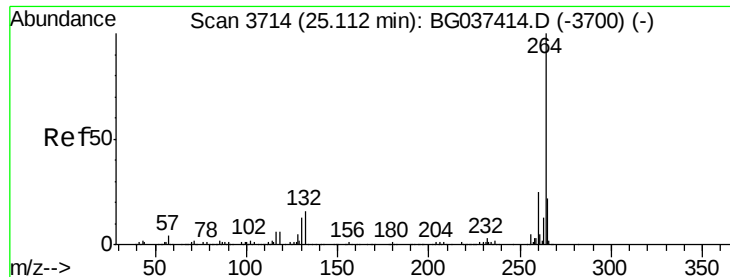


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



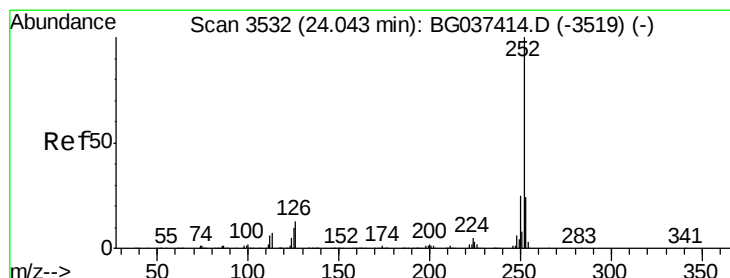
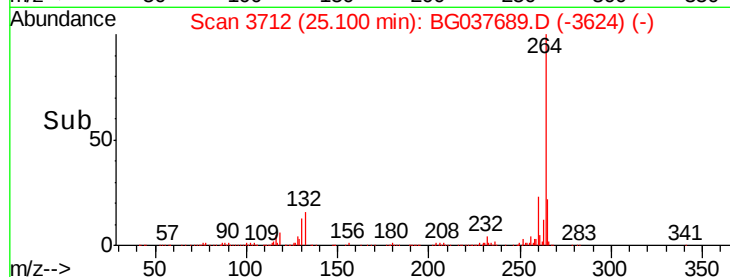
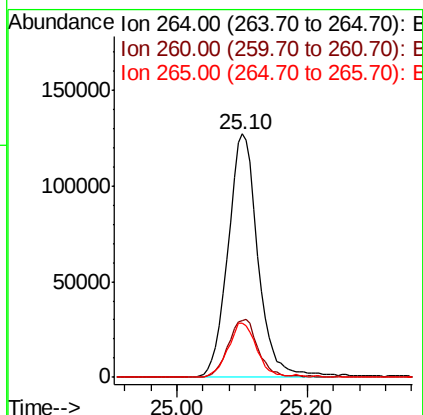
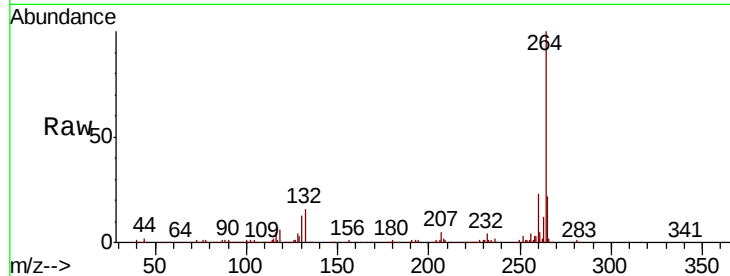


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 405808

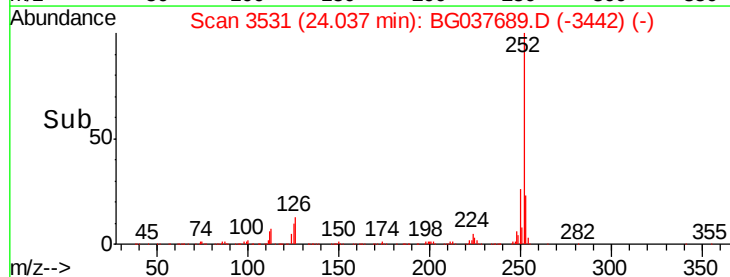
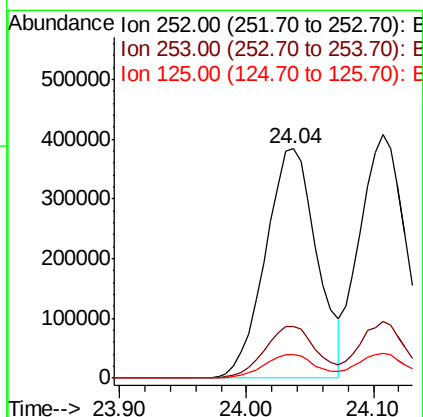
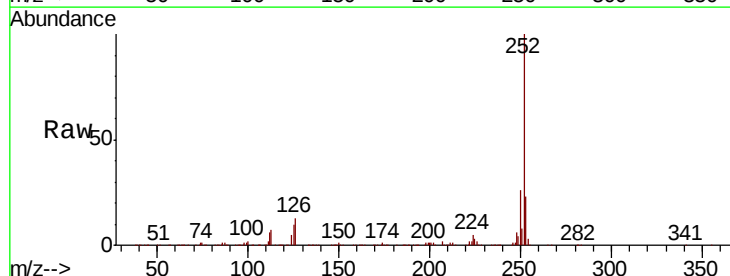
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.0	17.9	26.9

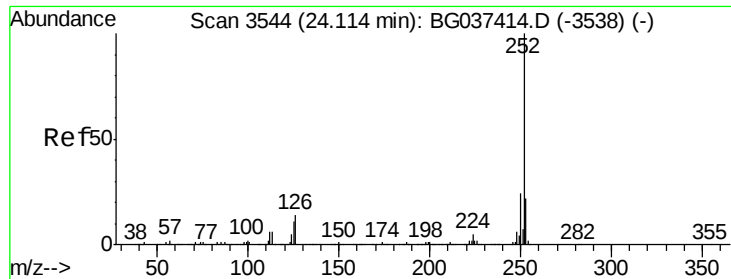


#88
Benzo(b)fluoranthene
Concen: 48.725 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion:252 Resp: 1084025

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.4	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 48.050 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

Instrument :

BNA_G

ClientSampleId :

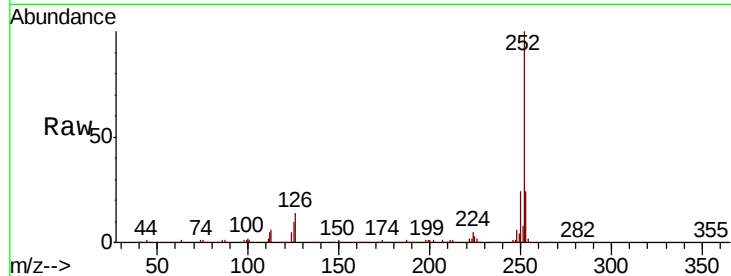
Tot Ion:252 Resp: 1047343

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

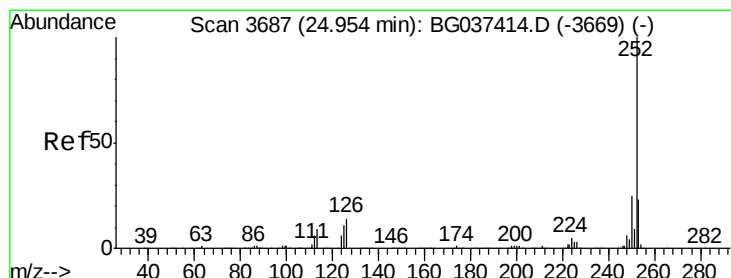
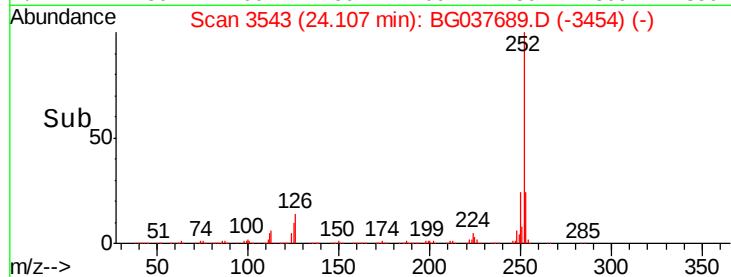
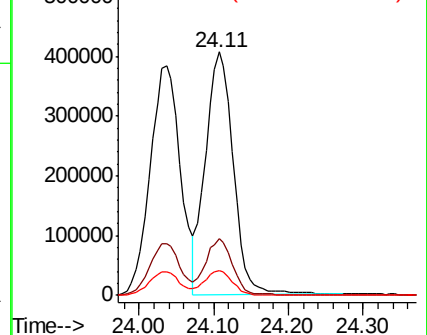
125 10.3 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.510 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037689.D

Acq: 31 Oct 2018 18:16

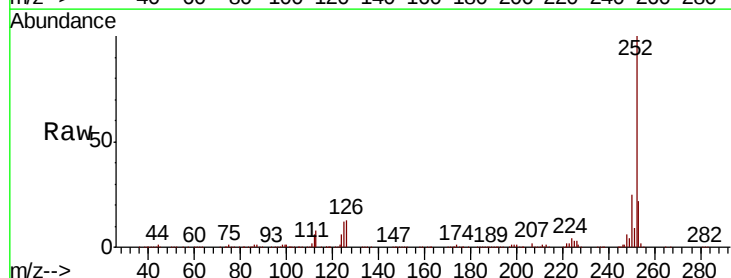
Tgt Ion:252 Resp: 1046665

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

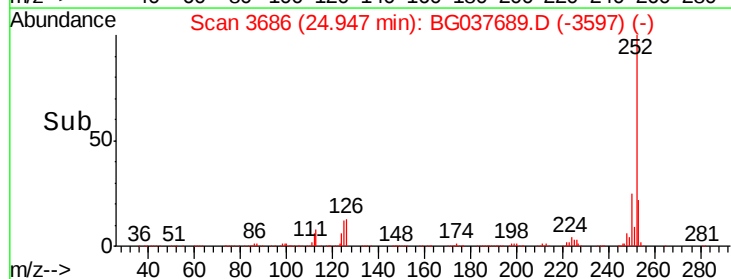
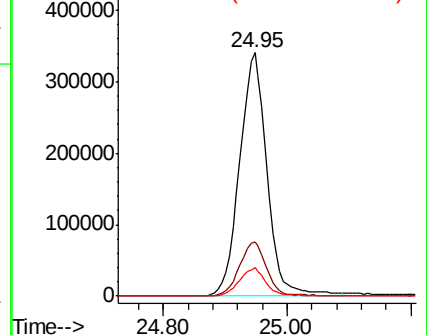
125 11.9 9.0 13.6

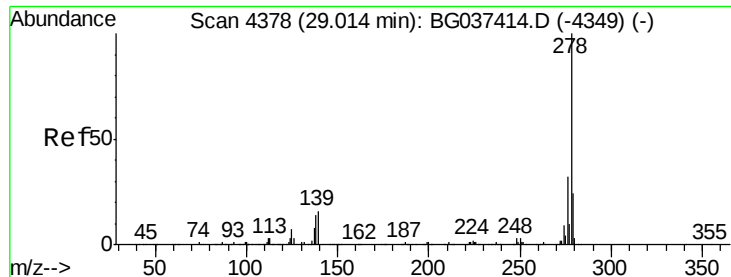


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

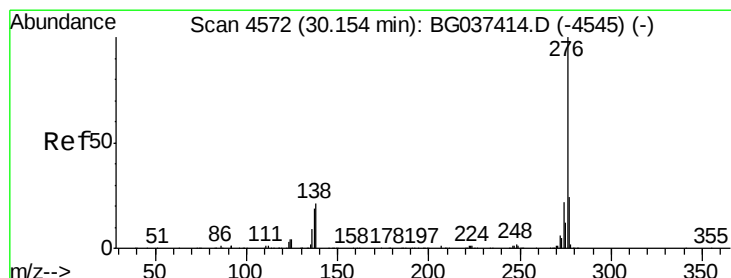
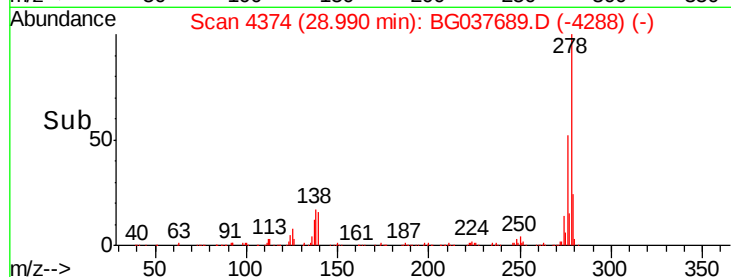
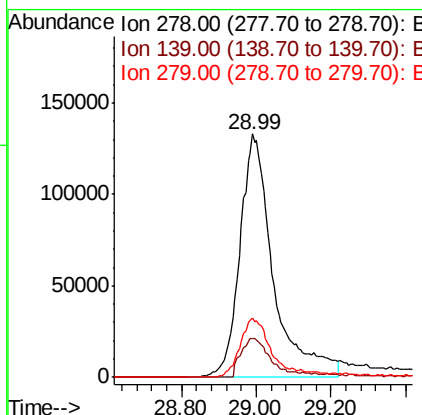
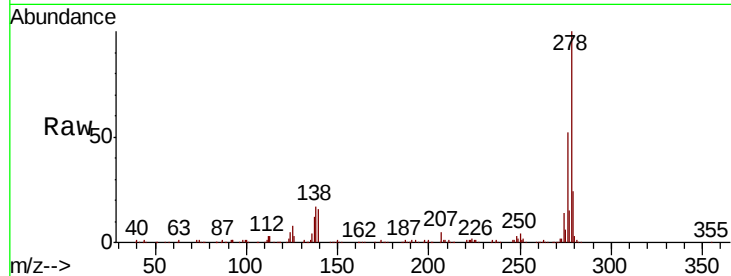




#91
Dibenzo(a,h)anthracene
Concen: 42.621 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.5	17.3
279	24.5	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 43.070 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.02 min
Lab File: BG037689.D
Acq: 31 Oct 2018 18:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	22.6	17.2	25.8

