

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
 Data File : BG037737.D
 Acq On : 2 Nov 2018 2:59
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 07:14:50 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	71233	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	321001	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	199571	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	435211	20.00	ng	0.00
76) Chrysene-d12	21.77	240	387482	20.00	ng	0.00
87) Perylene-d12	25.11	264	394886	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	327395	76.84	ng	0.00
7) Phenol-d6	7.24	99	491040	76.22	ng	0.00
23) Nitrobenzene-d5	9.28	82	464809	81.12	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	182154	83.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1073406	81.11	ng	-0.01
79) Terphenyl-d14	20.08	244	1449903	79.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	74818	34.626	ng	99
3) Pyridine	3.94	79	193617	35.552	ng	93
4) n-Nitrosodimethylamine	3.85	42	75914	39.135	ng	# 94
6) Aniline	7.43	93	304586	38.753	ng	98
8) 2-Chlorophenol	7.66	128	195743	39.271	ng	99
9) Benzaldehyde	7.24	77	141015	34.990	ng	96
10) Phenol	7.27	94	258163	37.978	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	199813	38.702	ng	93
12) 1,3-Dichlorobenzene	7.98	146	218794	39.429	ng	98
13) 1,4-Dichlorobenzene	8.14	146	226977	39.988	ng	98
14) 1,2-Dichlorobenzene	8.45	146	213929	39.181	ng	99
15) Benzyl Alcohol	8.34	79	183449	38.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	357835	38.735	ng	98
17) 2-Methylphenol	8.53	107	173365	38.576	ng	99
18) Hexachloroethane	9.18	117	81441	42.086	ng	94
19) n-Nitroso-di-n-propylamine	8.91	70	168208	37.914	ng	95
20) 3+4-Methylphenols	8.86	107	250331	38.960	ng	98
22) Acetophenone	8.93	105	310024	38.510	ng	# 97
24) Nitrobenzene	9.32	77	239858	40.293	ng	97
25) Isophorone	9.84	82	411374	39.291	ng	98
26) 2-Nitrophenol	10.03	139	124914	46.580	ng	96
27) 2,4-Dimethylphenol	10.07	122	188363	39.340	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	266028	38.781	ng	97
29) 2,4-Dichlorophenol	10.56	162	211047	39.588	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	239918	41.383	ng	95
31) Naphthalene	10.98	128	628255	39.847	ng	99
32) Benzoic acid	10.21	122	132432	42.583	ng	96
33) 4-Chloroaniline	11.08	127	286957	38.735	ng	97
34) Hexachlorobutadiene	11.23	225	147526	42.935	ng	97
35) Caprolactam	11.88	113	82957	38.799	ng	91
36) 4-Chloro-3-methylphenol	12.19	107	231643	38.528	ng	95
37) 2-Methylnaphthalene	12.57	142	456568	39.725	ng	99
38) 1-Methylnaphthalene	12.78	142	440946	39.505	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	278266	43.227	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	140559	45.712	ng	100
43) 2,4,6-Trichlorophenol	13.17	196	183669	42.708	ng	98
44) 2,4,5-Trichlorophenol	13.24	196	190247	40.630	ng	97
46) 1,1'-Biphenyl	13.57	154	672430	40.685	ng	98
47) 2-Chloronaphthalene	13.62	162	516038	41.269	ng	99
48) 2-Nitroaniline	13.82	65	159668	42.108	ng	92
49) Acenaphthylene	14.46	152	762217	40.523	ng	99
50) Dimethylphthalate	14.18	163	604418	39.148	ng	99
51) 2,6-Dinitrotoluene	14.31	165	141435	41.410	ng	97
52) Acenaphthene	14.80	154	459108	39.632	ng	99
53) 3-Nitroaniline	14.65	138	152421	40.199	ng	# 97
54) 2,4-Dinitrophenol	14.85	184	36390	37.950	ng	92
55) Dibenzofuran	15.13	168	746459	38.892	ng	99
56) 4-Nitrophenol	14.94	139	104478	37.226	ng	95
57) 2,4-Dinitrotoluene	15.10	165	191466	42.706	ng	92
58) Fluorene	15.78	166	556906	38.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	157477	39.280	ng	99
60) Diethylphthalate	15.53	149	622449	39.270	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	331521	39.574	ng	97
62) 4-Nitroaniline	15.81	138	150355	39.907	ng	91
63) Azobenzene	16.06	77	584495	38.648	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	91523	41.480	ng	98
66) n-Nitrosodiphenylamine	15.99	169	550956	42.086	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	199709	41.786	ng	100
68) Hexachlorobenzene	16.77	284	205076	41.401	ng	99
69) Atrazine	16.93	200	190836	40.319	ng	99
70) Pentachlorophenol	17.12	266	135961	40.978	ng	96
71) Phenanthrene	17.53	178	886506	40.079	ng	99
72) Anthracene	17.61	178	876791	40.393	ng	97
73) Carbazole	17.89	167	884124	40.719	ng	99
74) Di-n-butylphthalate	18.43	149	1018066	42.149	ng	100
75) Fluoranthene	19.53	202	997227	39.751	ng	98
77) Benzidine	19.71	184	484482	36.772	ng	99
78) Pyrene	19.89	202	1023441	40.404	ng	100
80) Butylbenzylphthalate	20.76	149	453131	43.710	ng	97
81) Benzo(a)anthracene	21.74	228	917940	40.051	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	367335	41.350	ng	100
83) Chrysene	21.82	228	896671	40.687	ng	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	636885	43.829	ng	98
85) Di-n-octyl phthalate	22.87	149	1055362	44.539	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	833343	35.255	ng	# 93
88) Benzo(b)fluoranthene	24.04	252	864956	39.953	ng	98
89) Benzo(k)fluoranthene	24.11	252	866401	40.848	ng	97
90) Benzo(a)pyrene	24.95	252	831270	40.408	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	645563	34.020	ng	96
92) Benzo(g,h,i)perylene	30.13	276	680453	35.444	ng	98

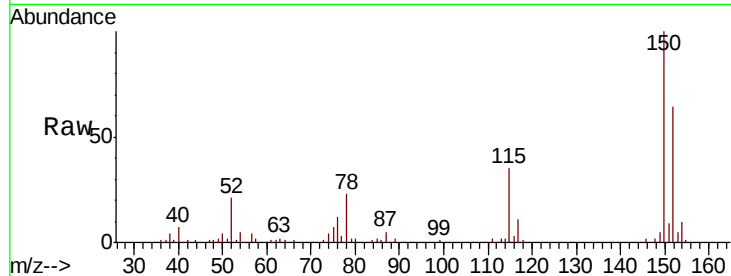
(#) = qualifier out of range (m) = manual integration (+) = signals summed



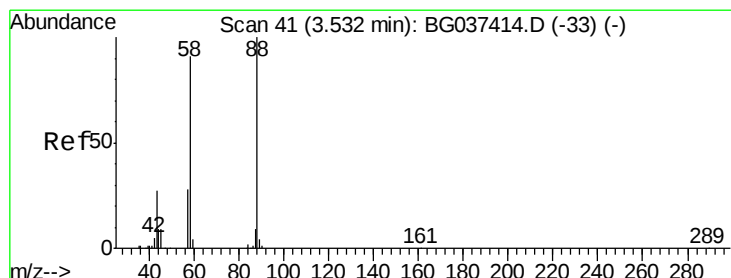
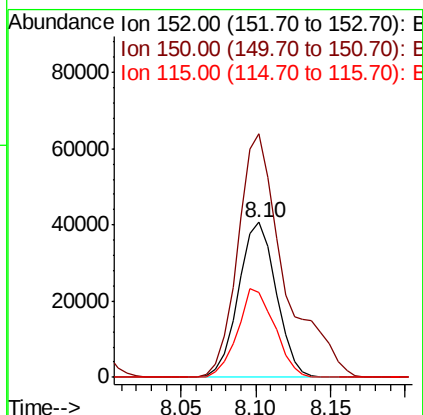
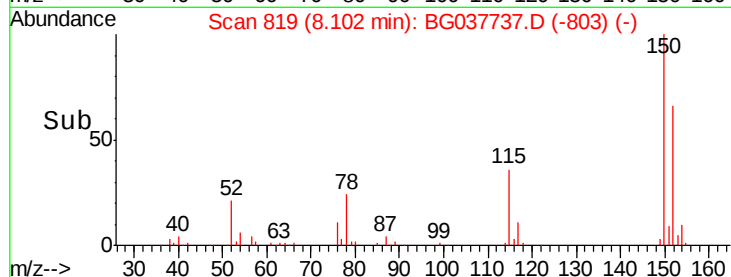
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 71233
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.0 189.0
 115 55.1 45.5 68.3

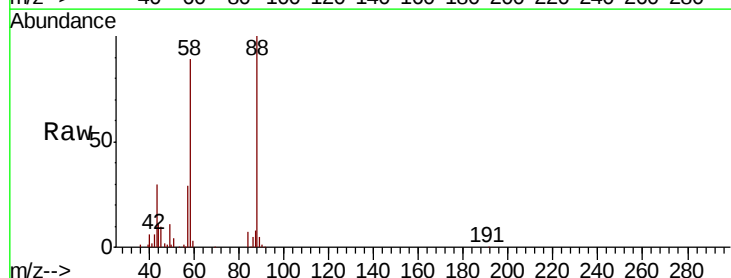


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

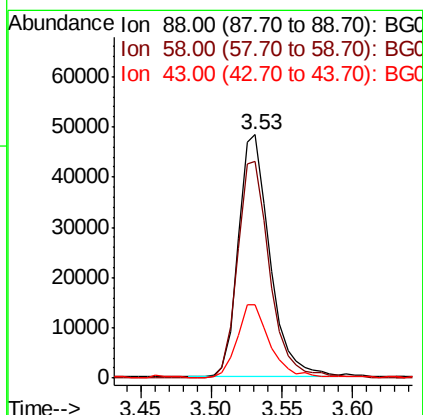
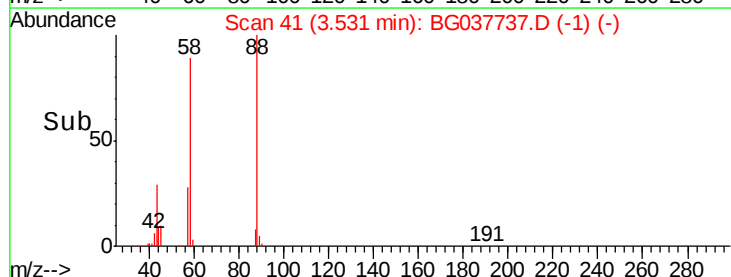


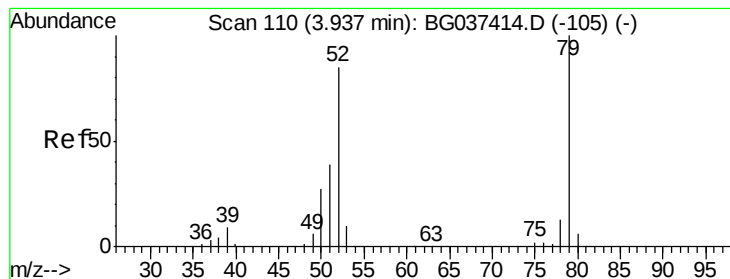
#2
 1,4-Dioxane
 Concen: 34.626 ng
 RT: 3.53 min Scan# 41
 Delta R.T. -0.00 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion: 88 Resp: 74818
 Ion Ratio Lower Upper
 88 100
 58 92.1 74.4 111.6
 43 32.9 25.8 38.8



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





#3

Pvridine

Concen: 35.552 ng

RT: 3.94 min Scan# 110

Delta R.T. -0.00 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

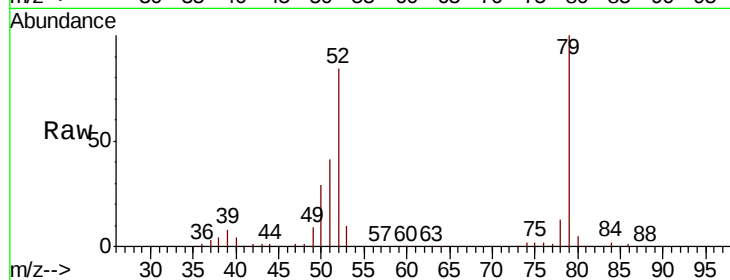
Tot Ion: 79 Resp: 193617

Ion Ratio Lower Upper

79 100

52 83.9 74.2 111.2

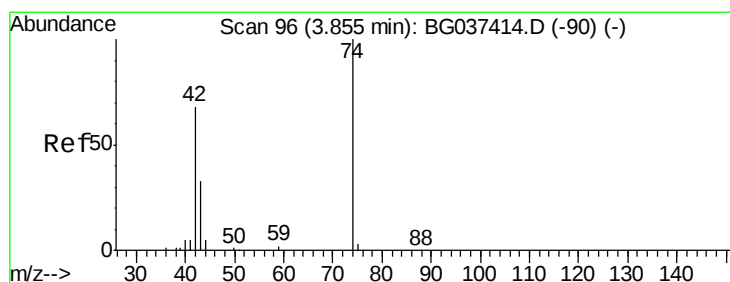
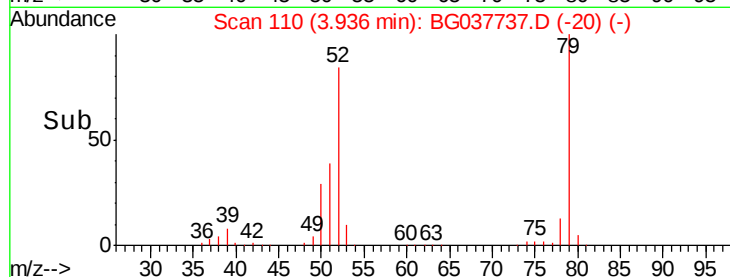
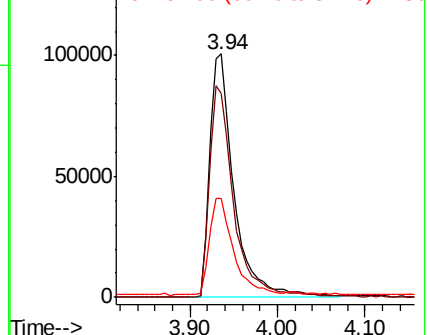
51 40.8 34.6 51.8



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: 39.135 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

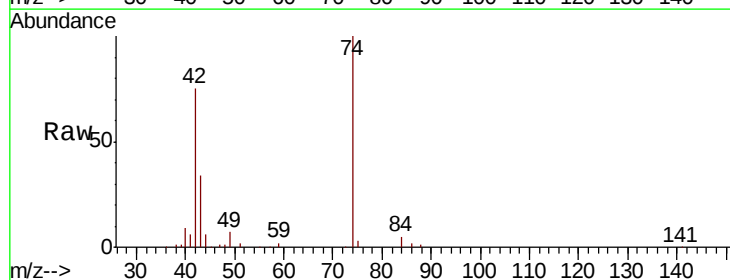
Tgt Ion: 42 Resp: 75914

Ion Ratio Lower Upper

42 100

74 133.4 102.0 153.0

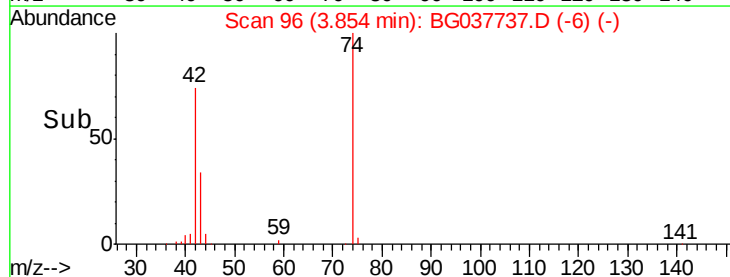
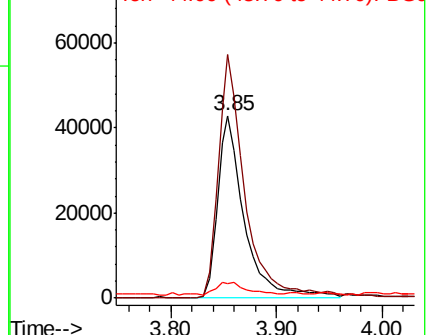
44 8.3 9.6 14.4#

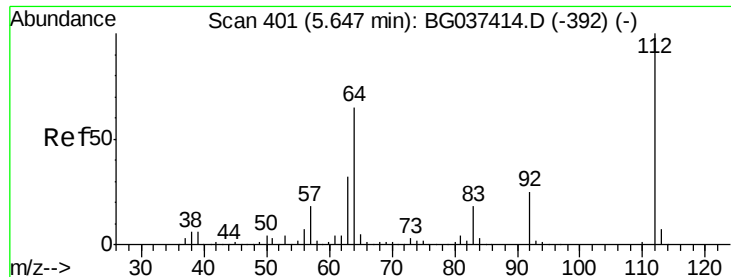


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 76.840 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

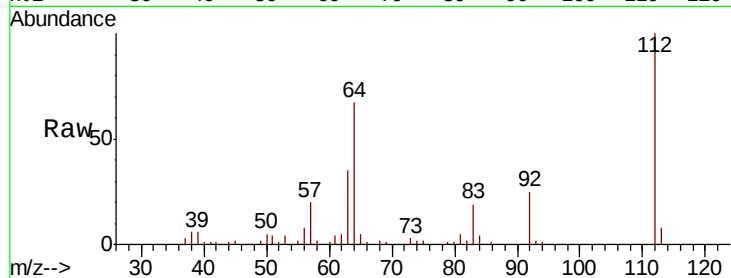
Tot Ion:112 Resp: 327395

Ion Ratio Lower Upper

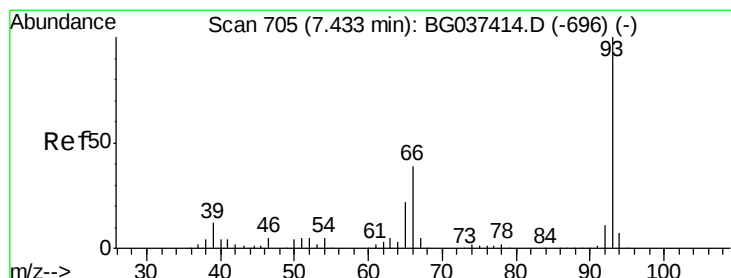
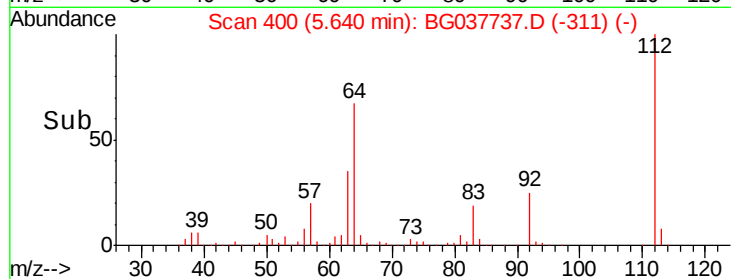
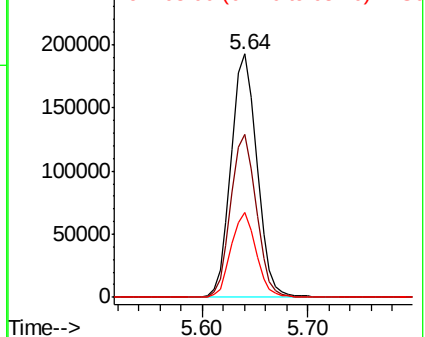
112 100

64 67.2 53.1 79.7

63 34.9 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: 38.753 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

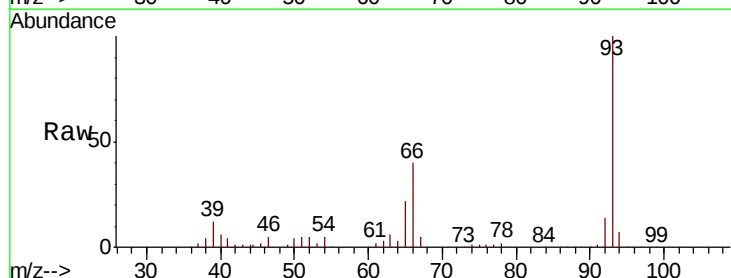
Tgt Ion: 93 Resp: 304586

Ion Ratio Lower Upper

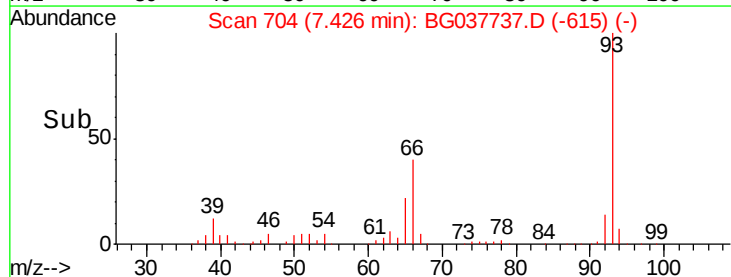
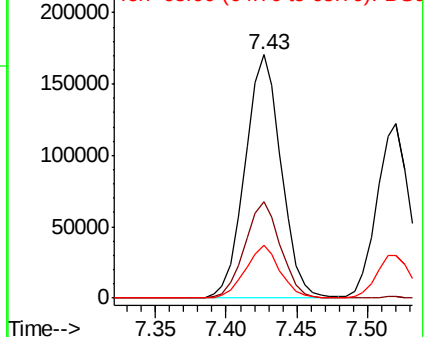
93 100

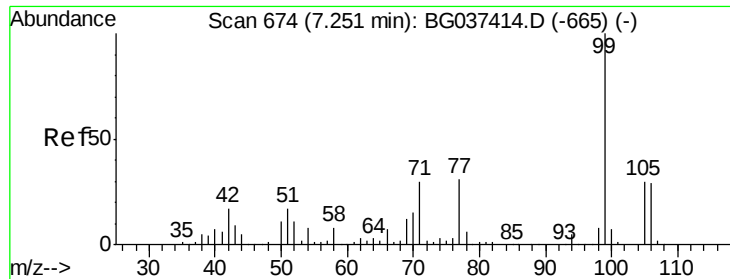
66 39.5 32.8 49.2

65 21.6 16.4 24.6



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





#7

Phenol-d6

Concen: 76.216 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

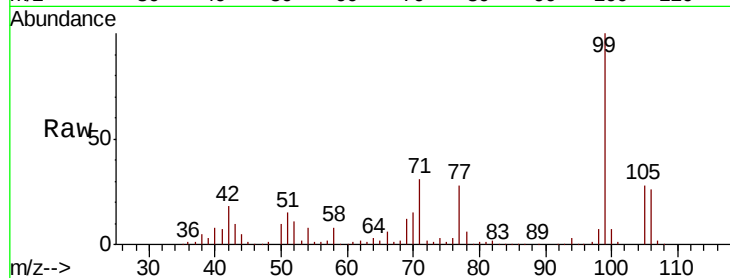
Tot Ion: 99 Resp: 491040

Ion Ratio Lower Upper

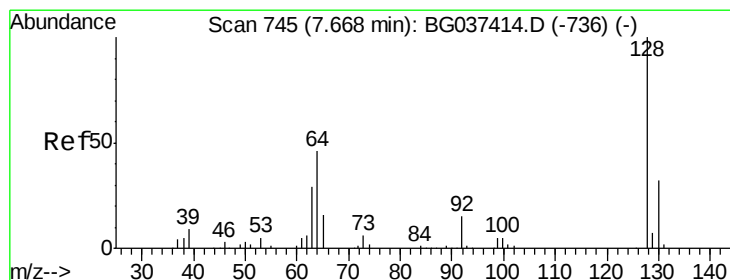
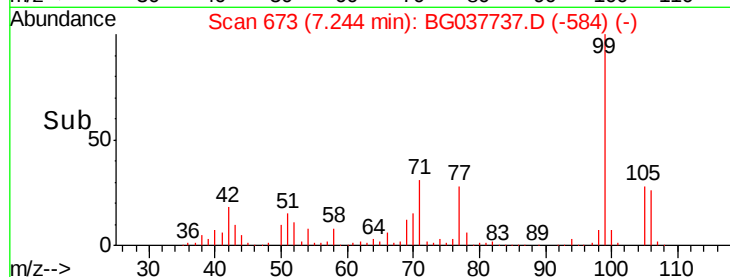
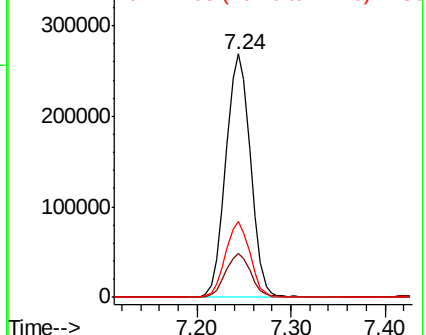
99 100

42 18.2 15.0 22.4

71 31.4 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: 39.271 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

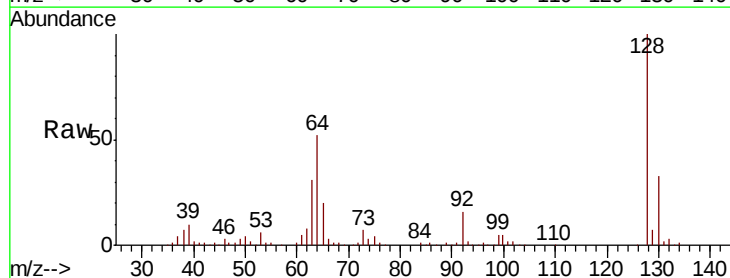
Tgt Ion: 128 Resp: 195743

Ion Ratio Lower Upper

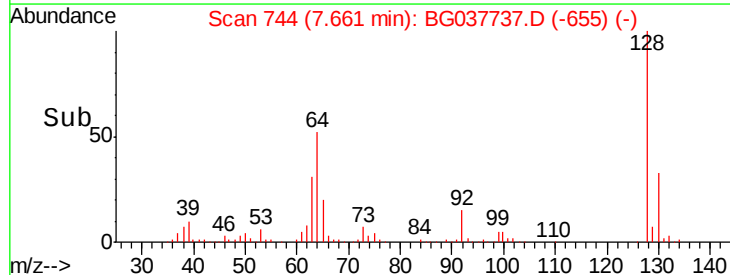
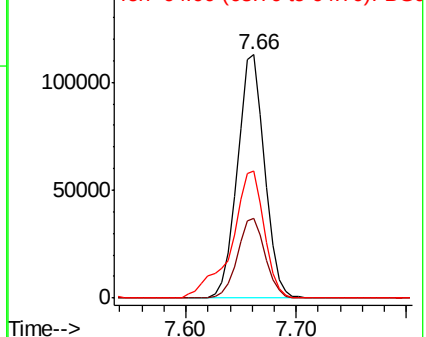
128 100

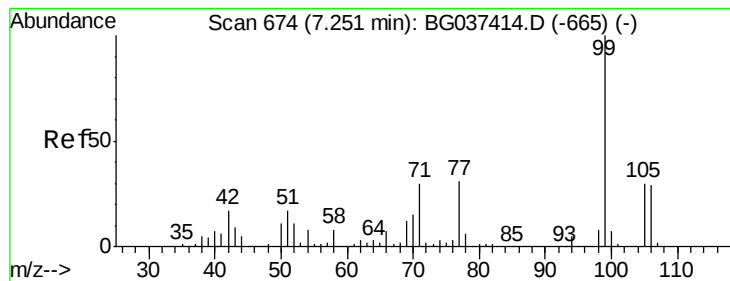
130 33.0 12.0 52.0

64 52.0 32.9 72.9



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





#9

Benzaldehyde

Concen: 34.990 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampled :

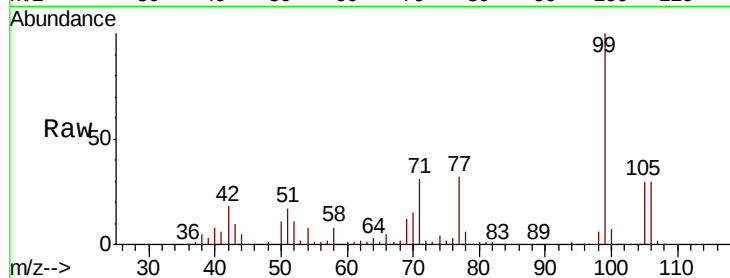
Tot Ion: 77 Resp: 141015

Ion Ratio Lower Upper

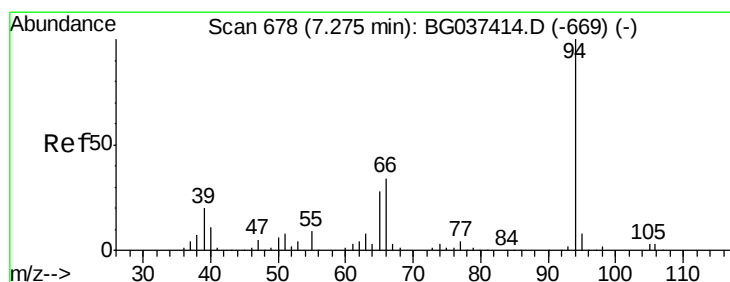
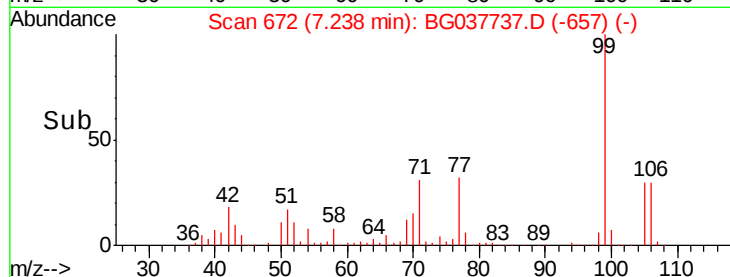
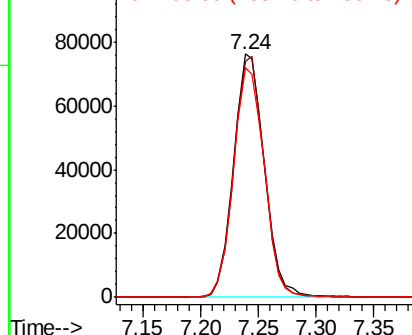
77 100

105 96.7 72.6 112.6

106 94.0 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: 37.978 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

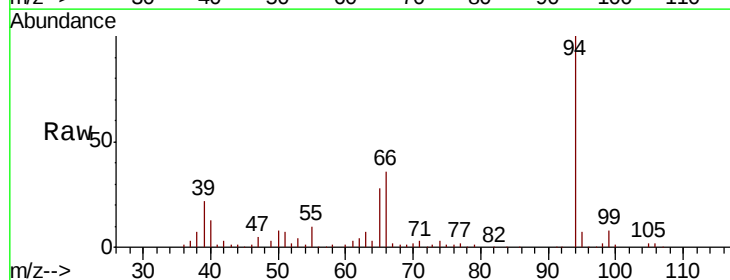
Tgt Ion: 94 Resp: 258163

Ion Ratio Lower Upper

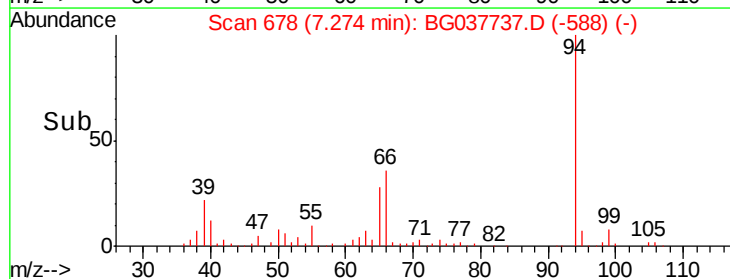
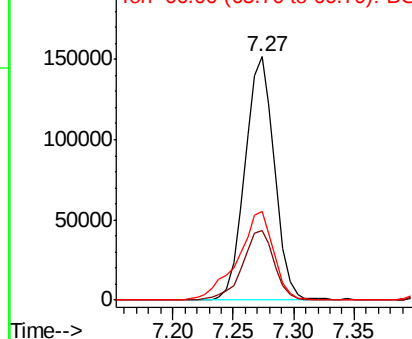
94 100

65 28.4 9.7 49.7

66 36.3 15.9 55.9



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

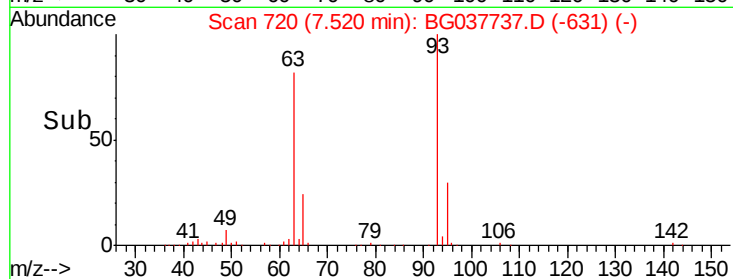
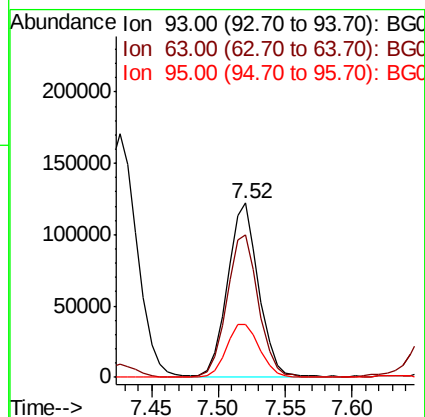
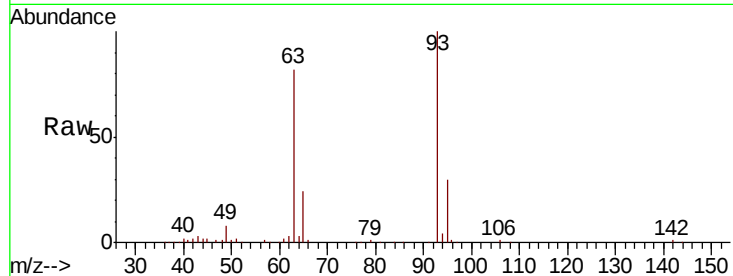




#11
bis(2-Chloroethyl)ether
Concen: 38.702 ng
RT: 7.52 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

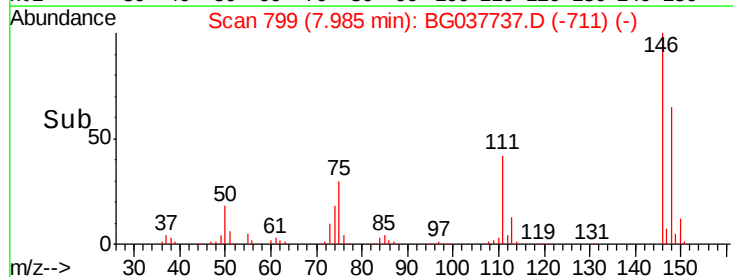
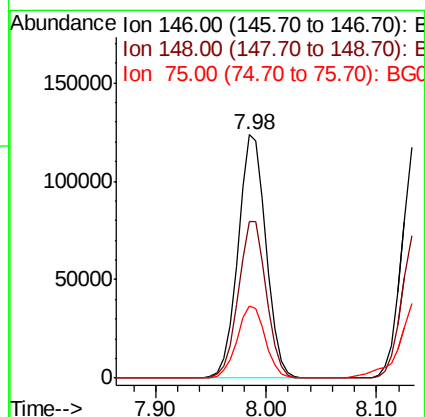
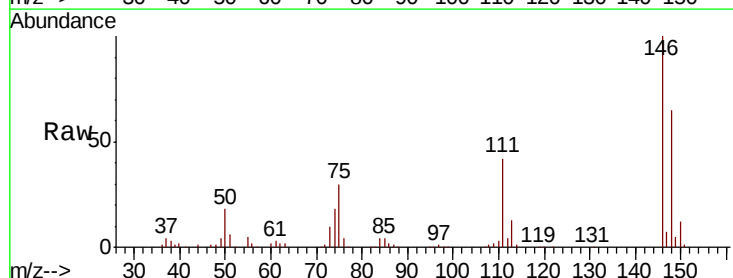
Instrument :
BNA_G
ClientSampleId :

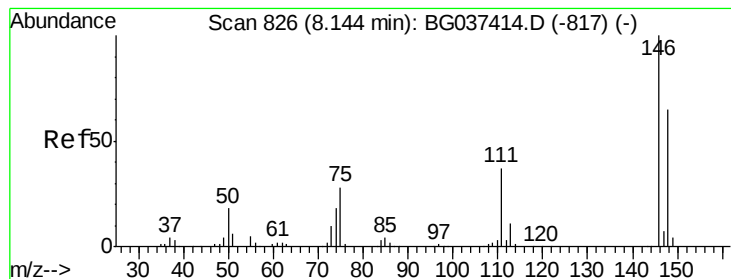
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.0	69.5	109.5
95	30.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.429 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	29.6	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 39.988 ng

RT: 8.14 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

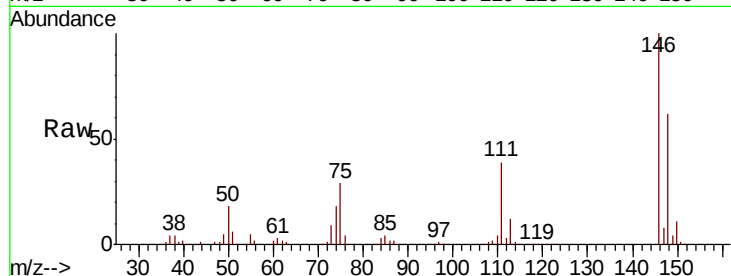
Tot Ion:146 Resp: 226977

Ion Ratio Lower Upper

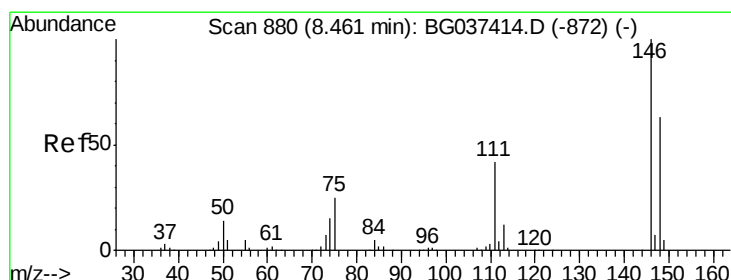
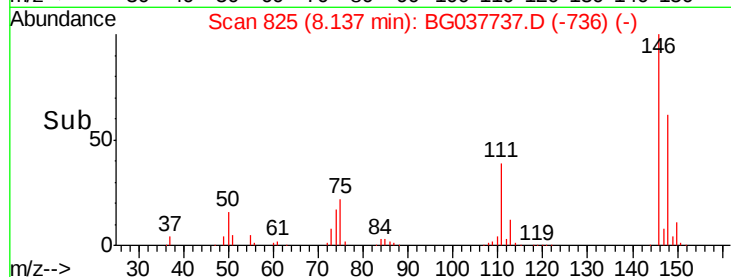
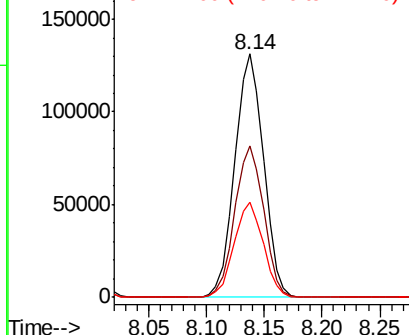
146 100

148 62.3 51.0 76.6

111 39.2 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: 39.181 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

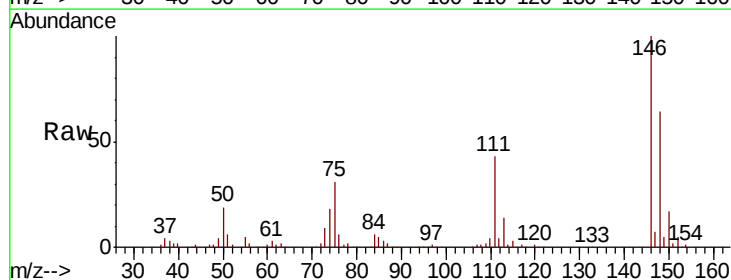
Tgt Ion:146 Resp: 213929

Ion Ratio Lower Upper

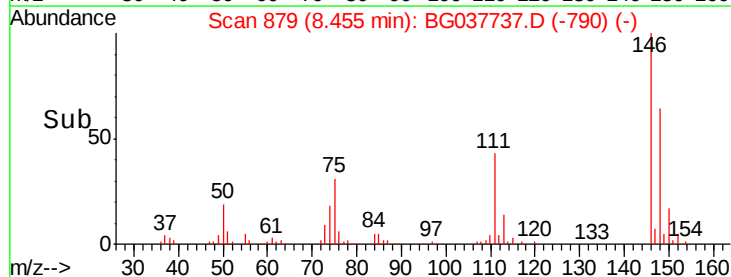
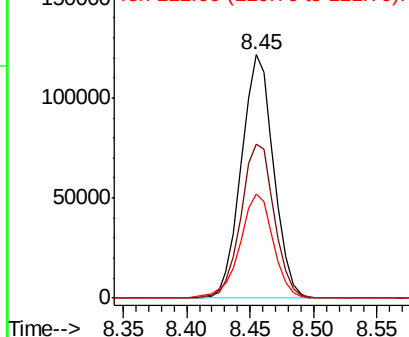
146 100

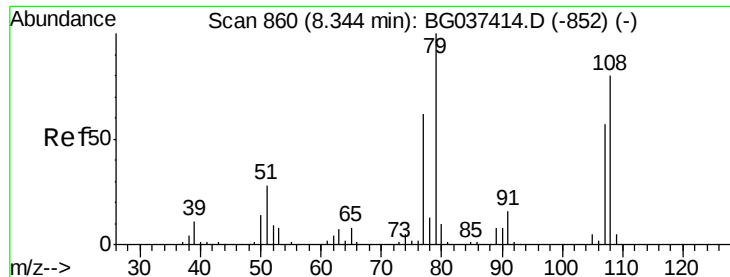
148 63.5 50.4 75.6

111 42.7 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: 38.535 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

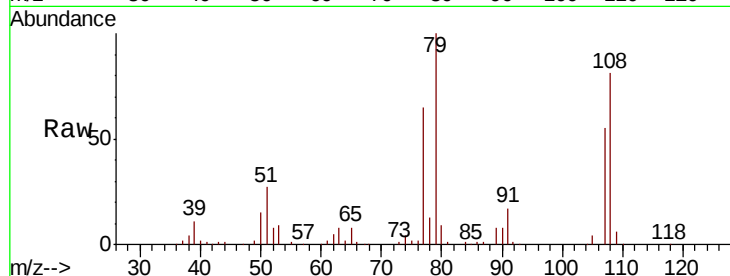
Tot Ion: 79 Resp: 183449

Ion Ratio Lower Upper

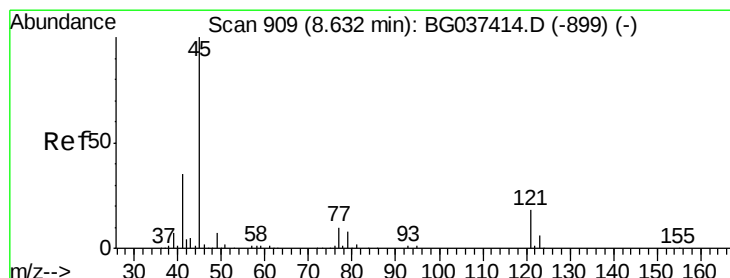
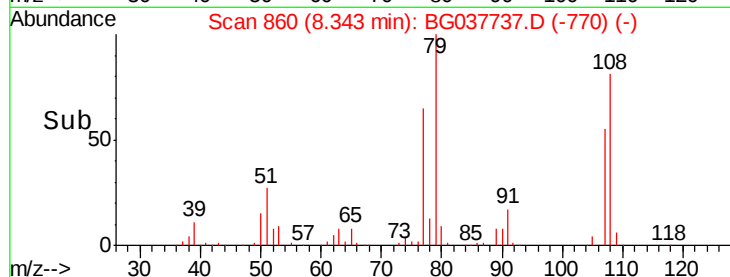
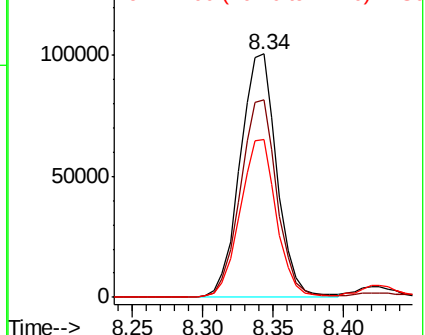
79 100

108 81.0 65.8 98.8

77 65.0 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: 38.735 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

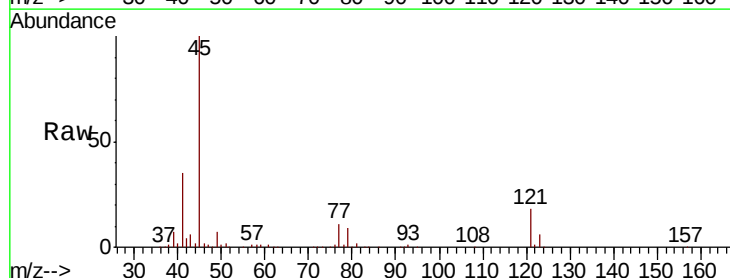
Tgt Ion: 45 Resp: 357835

Ion Ratio Lower Upper

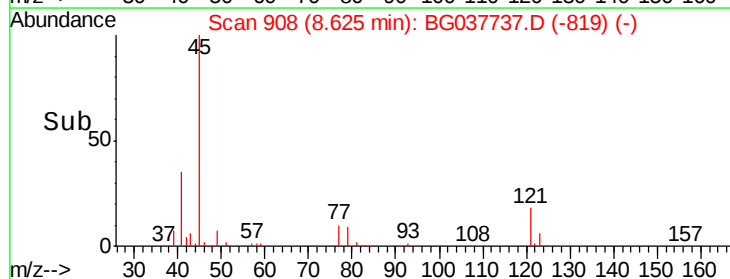
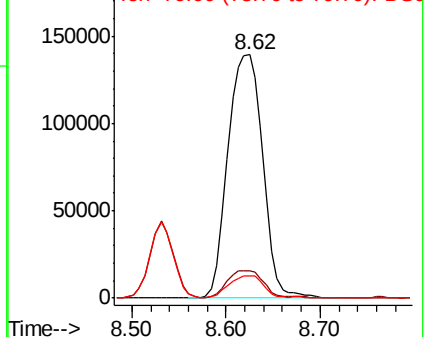
45 100

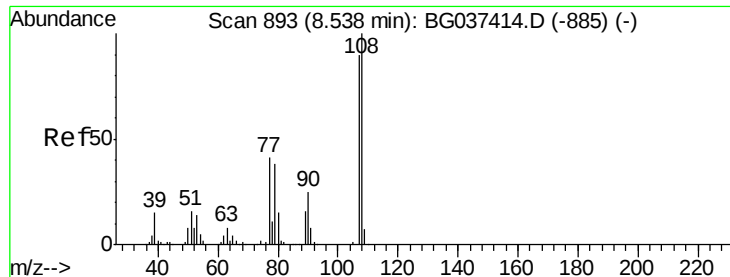
77 11.1 0.0 30.0

79 9.3 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

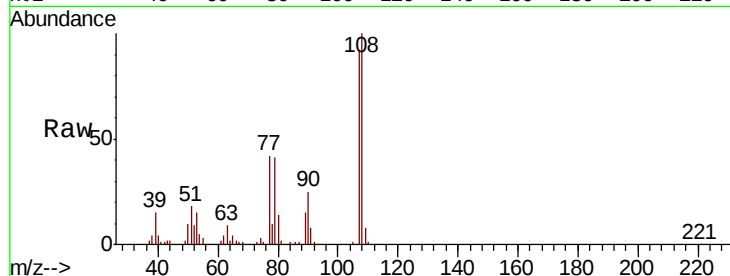




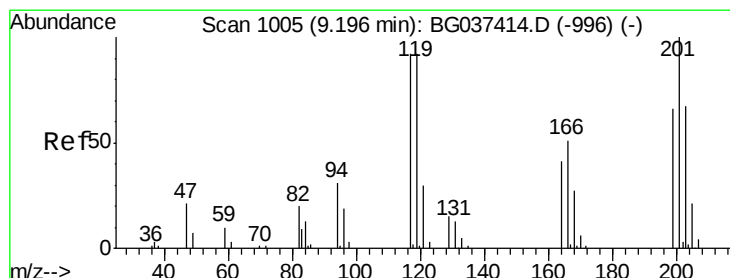
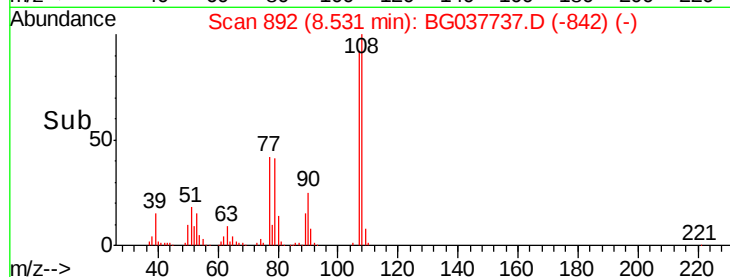
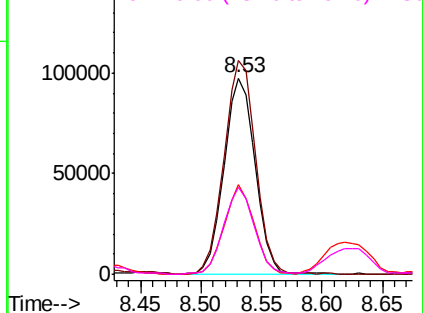
#17
2-Methylphenol
Concen: 38.576 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	173365
Ion	Ratio	Lower	Upper
107	100		
108	108.8	87.9	131.9
77	45.3	35.1	52.7
79	44.2	34.5	51.7

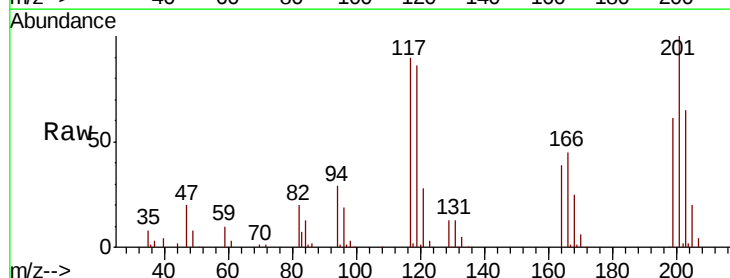


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

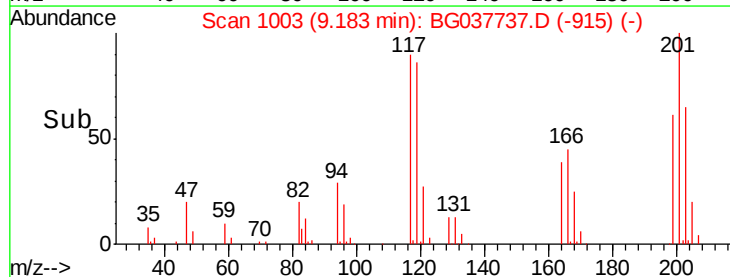
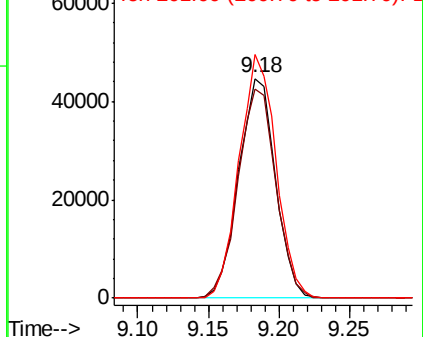


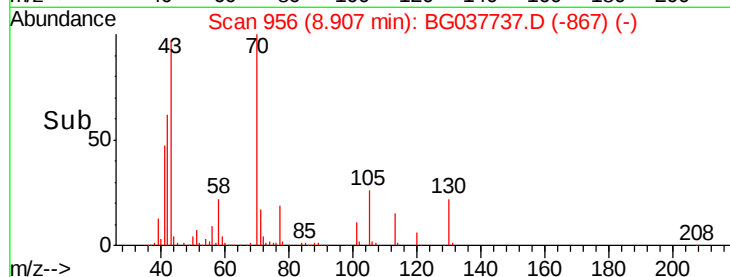
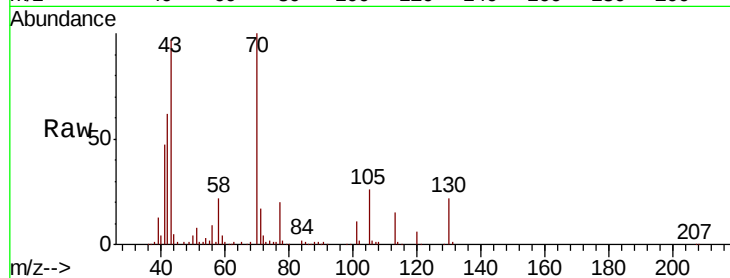
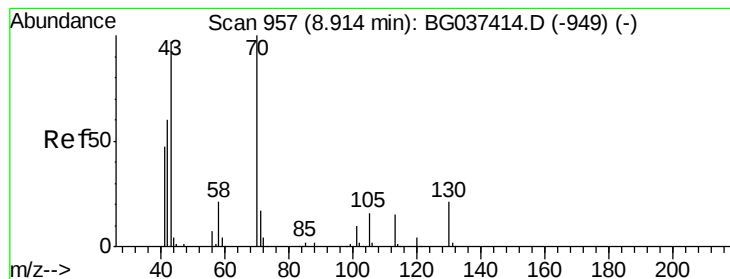
#18
Hexachloroethane
Concen: 42.086 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:	117	Resp:	81441
Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.6	111.8
201	110.9	80.8	121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.914 ng

RT: 8.91 min Scan# 956

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 168208

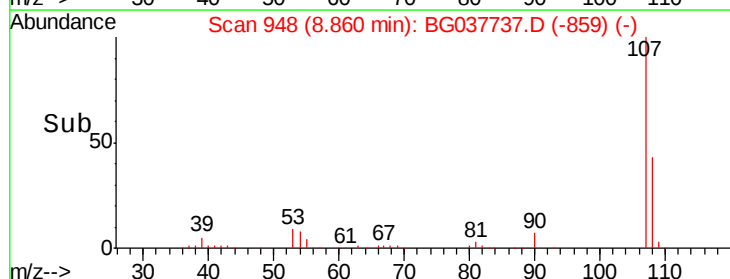
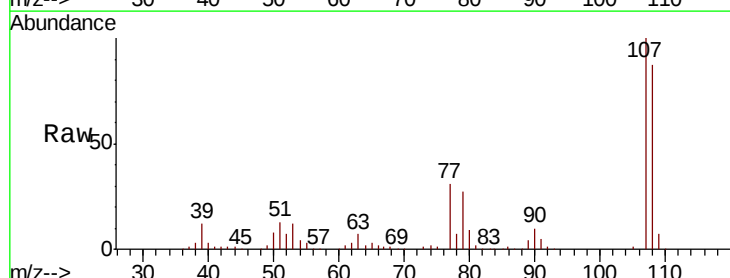
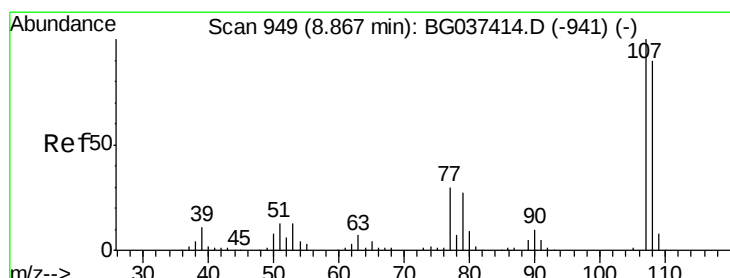
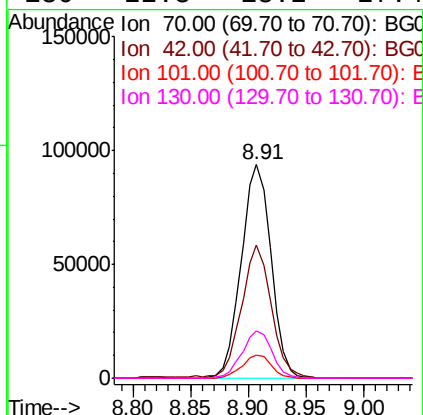
Ion Ratio Lower Upper

70 100

42 62.2 53.9 80.9

101 10.5 8.2 12.2

130 22.3 18.2 27.4



#20

3+4-Methylphenols

Concen: 38.960 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Tgt Ion: 107 Resp: 250331

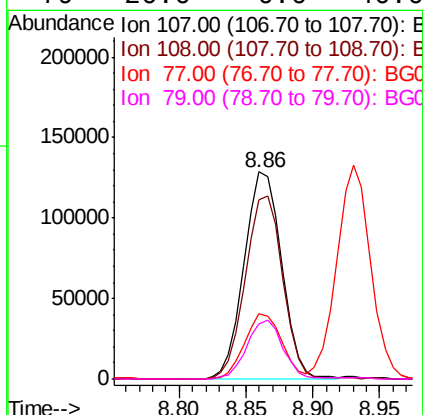
Ion Ratio Lower Upper

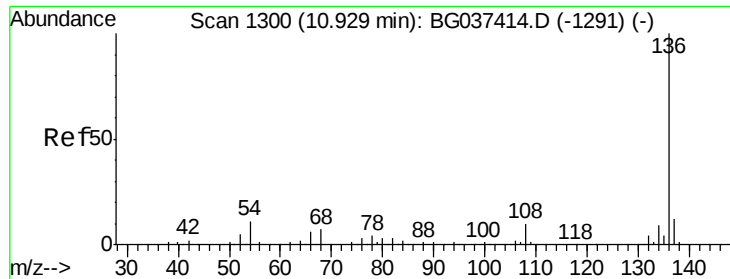
107 100

108 86.6 69.9 109.9

77 31.4 11.2 51.2

79 26.6 6.6 46.6

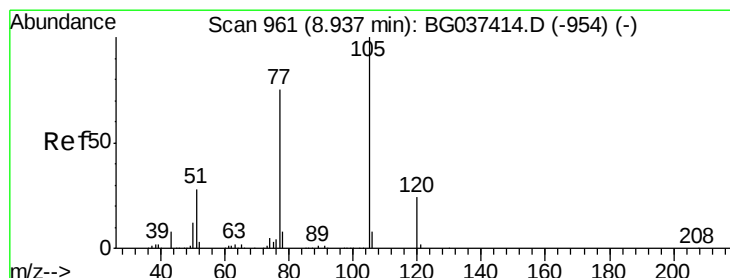
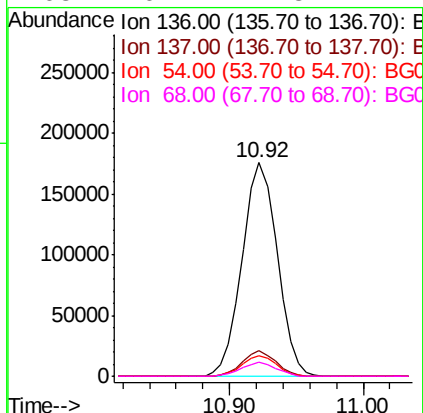
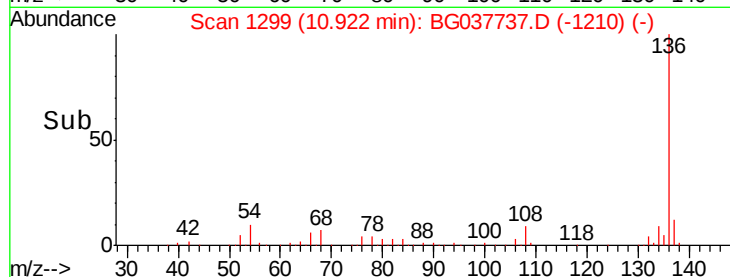
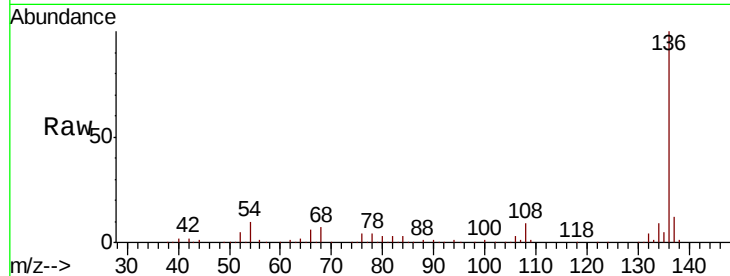




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

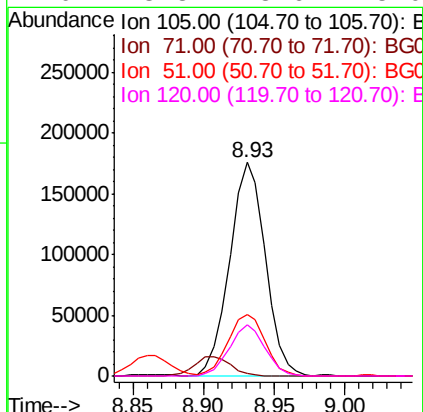
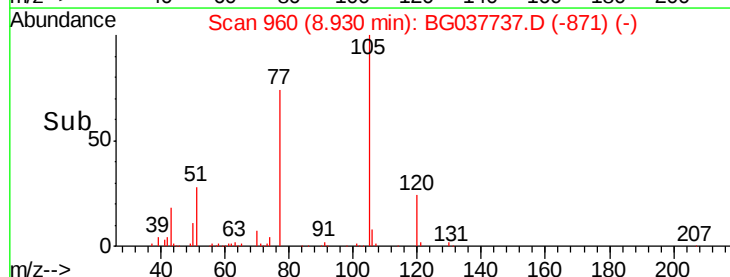
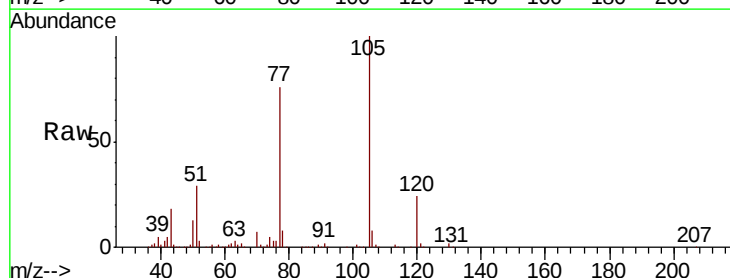
Instrument :
BNA_G
ClientSampleId :

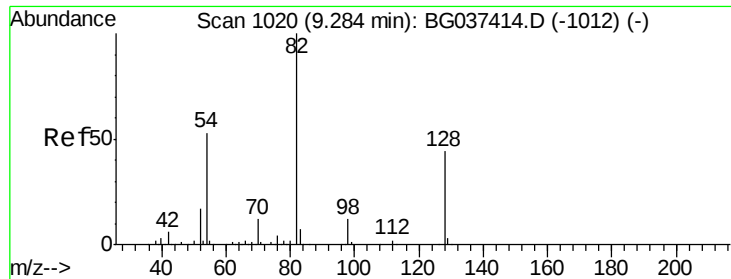
Tot Ion:136	Resp:	321001
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.6 14.4
54	9.8	7.9 11.9
68	6.7	4.8 7.2



#22
Acetophenone
Concen: 38.510 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:105	Resp:	310024
Ion	Ratio	Lower Upper
105	100	
71	1.1	1.2 1.8#
51	29.0	25.0 37.6
120	23.8	18.6 28.0

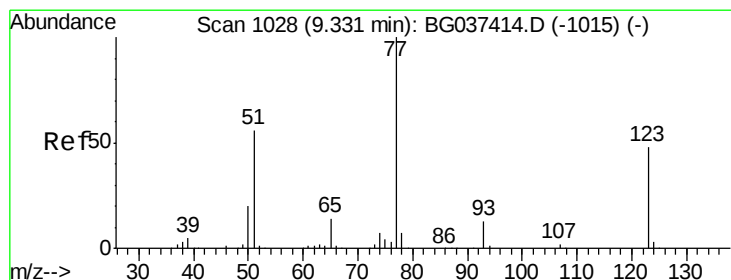
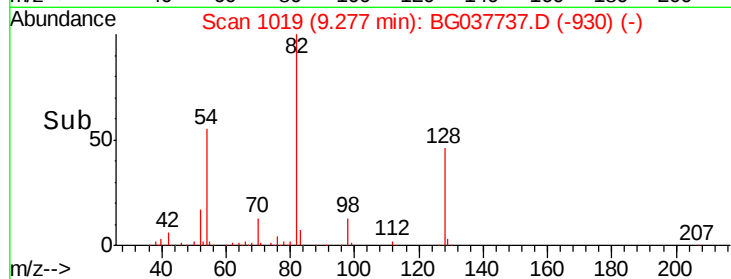
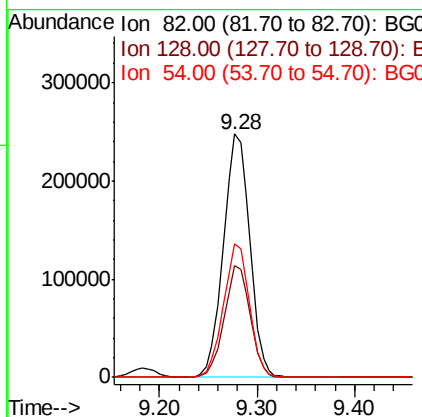
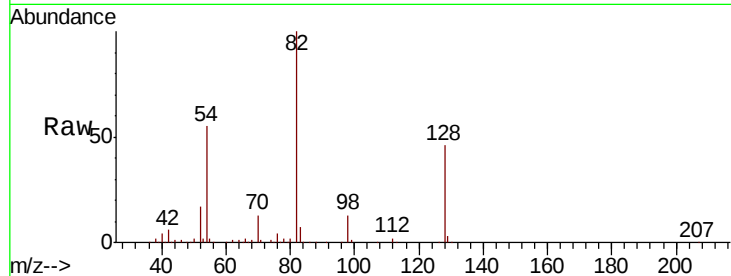




#23
 Nitrobenzene-d5
 Concen: 81.115 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

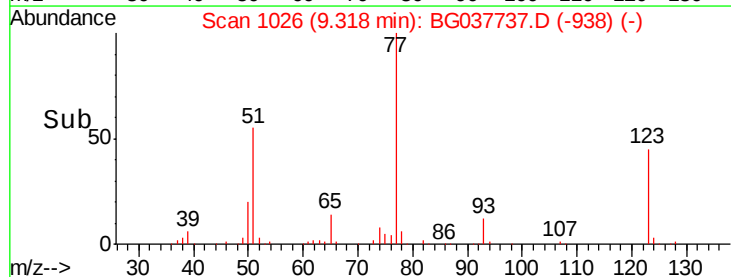
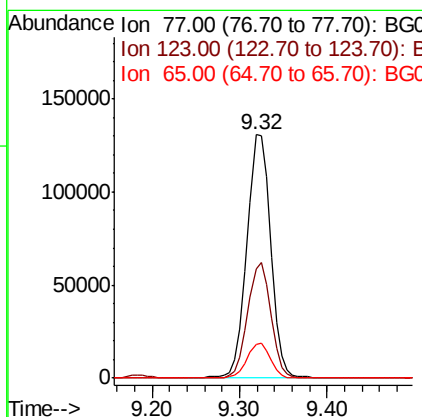
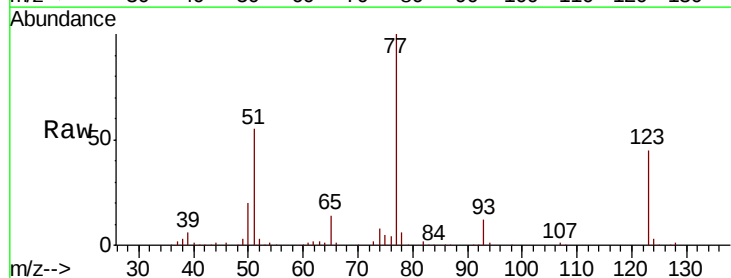
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	464809
Ion Ratio	Lower	Upper	
82	100		
128	45.7	34.6	51.8
54	54.8	45.3	67.9



#24
 Nitrobenzene
 Concen: 40.293 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion	77	Resp	239858
Ion Ratio	Lower	Upper	
77	100		
123	44.7	33.6	50.4
65	13.6	11.3	16.9





#25

Isophorone

Concen: 39.291 ng

RT: 9.84 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

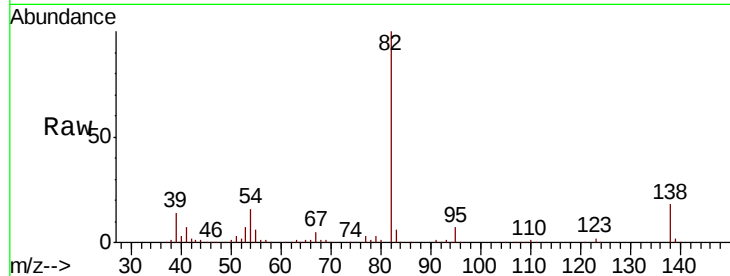
Tot Ion: 82 Resp: 411374

Ion Ratio Lower Upper

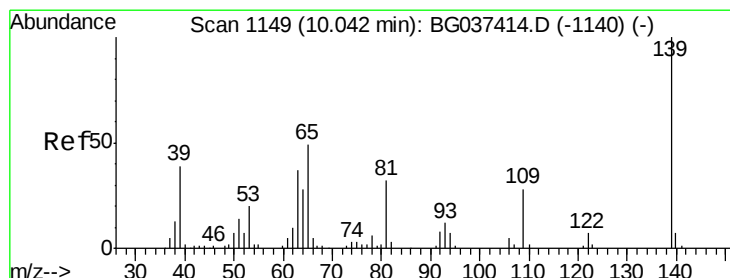
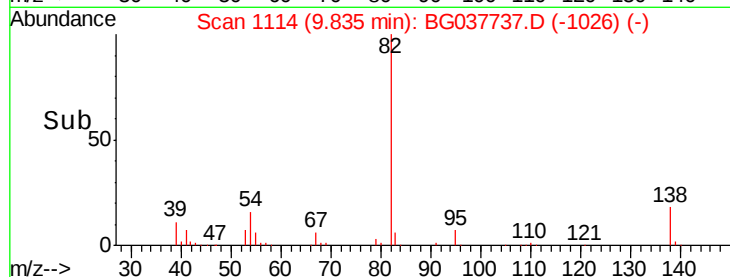
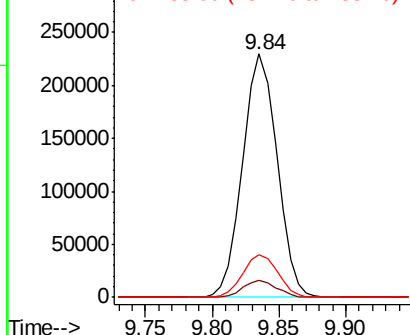
82 100

95 6.9 5.3 7.9

138 17.8 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 46.580 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

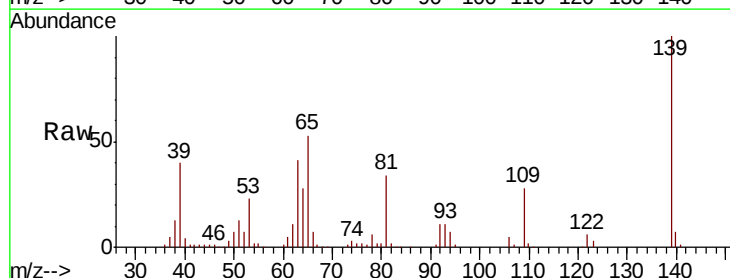
Tgt Ion: 139 Resp: 124914

Ion Ratio Lower Upper

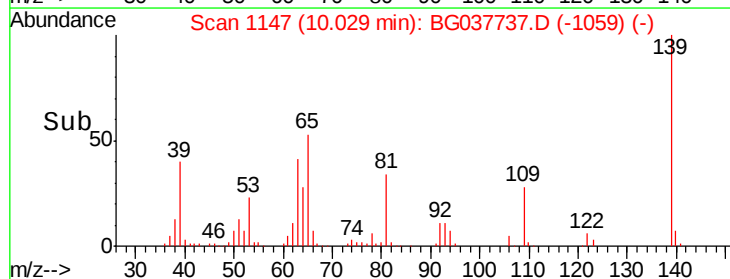
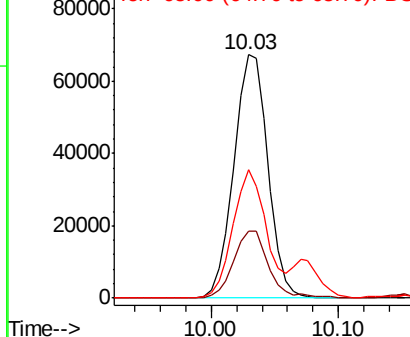
139 100

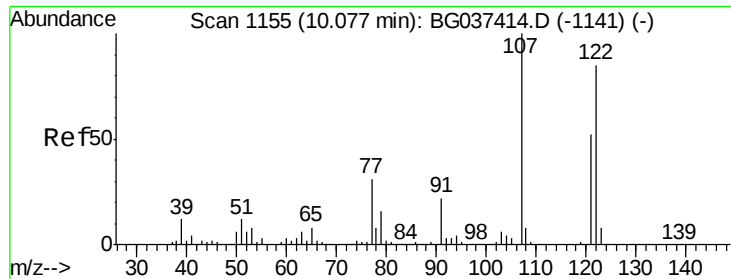
109 27.7 23.3 34.9

65 52.7 39.8 59.8



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

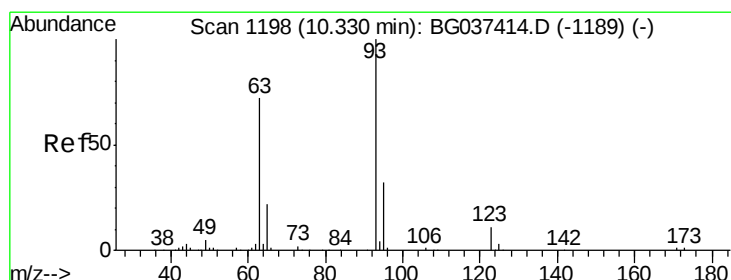
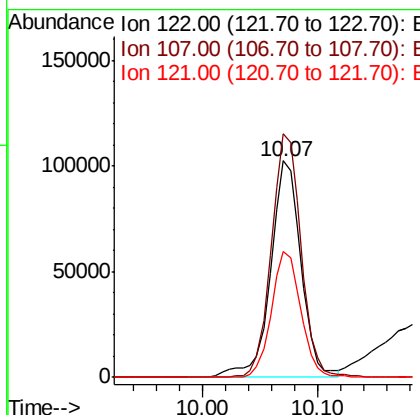
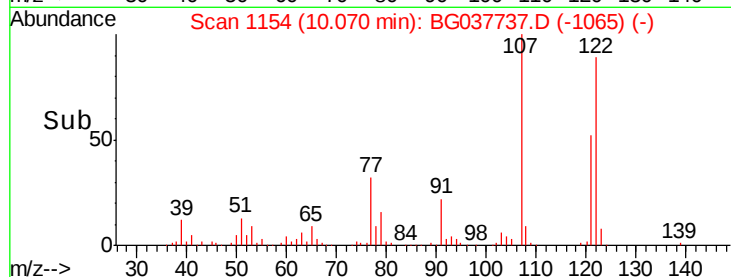
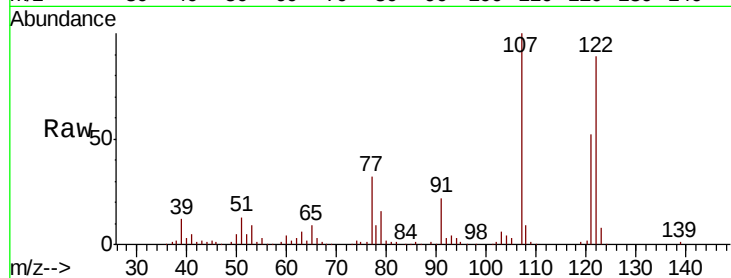




#27
 2,4-Dimethylphenol
 Concen: 39.340 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

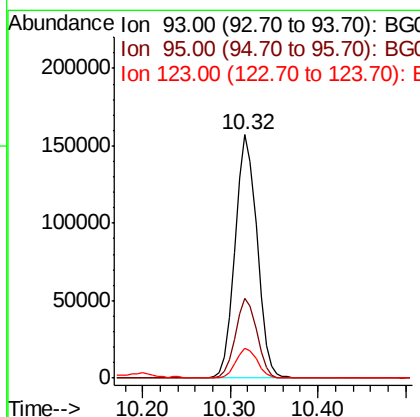
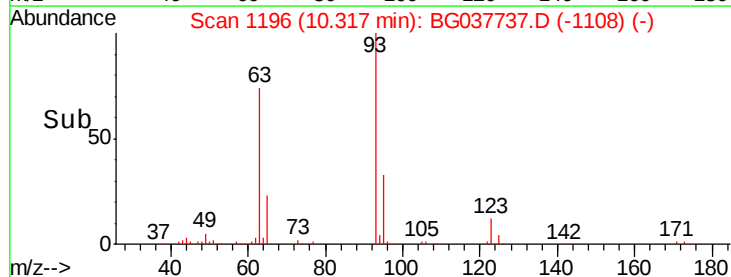
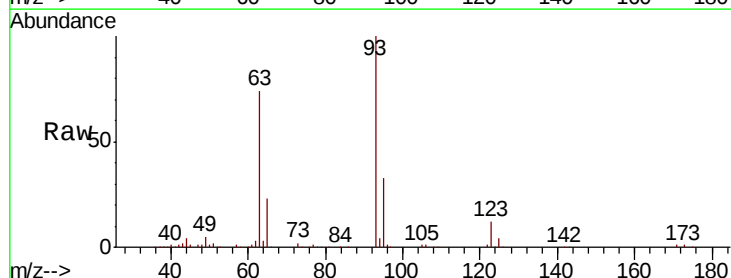
Instrument :
 BNA_G
 ClientSampleId :

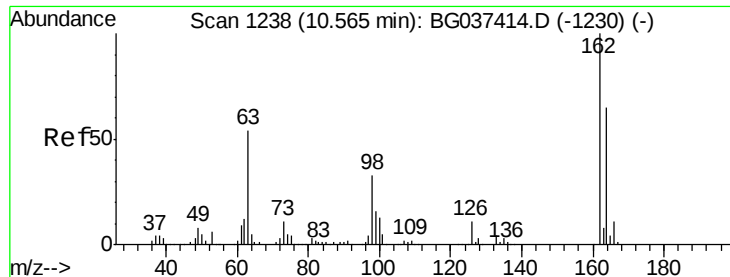
Tot Ion:122 Resp: 188363
 Ion Ratio Lower Upper
 122 100
 107 112.5 94.2 141.2
 121 57.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.781 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion: 93 Resp: 266028
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.6 37.0
 123 12.2 9.1 13.7

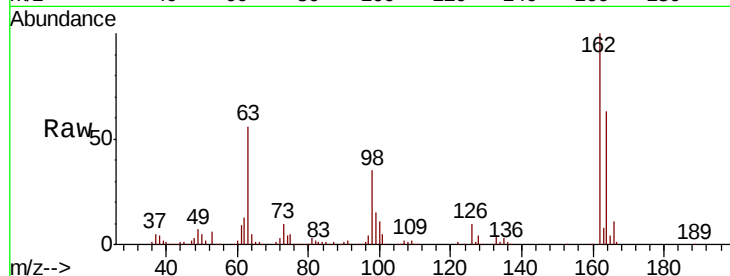




#29
2,4-Dichlorophenol
Concen: 39.588 ng
RT: 10.56 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	43.2	83.2
98	34.6	16.0	56.0

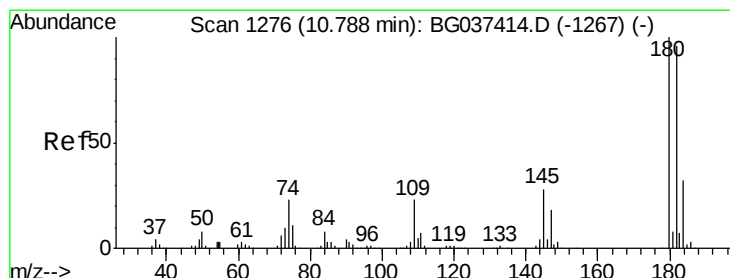
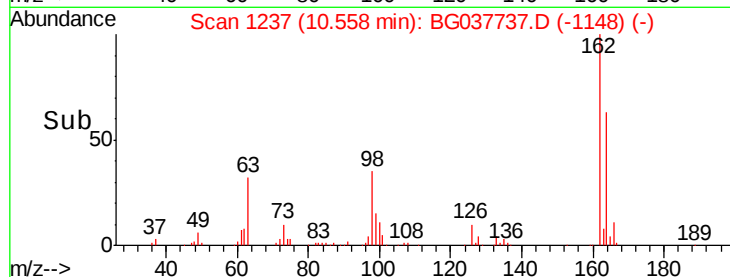
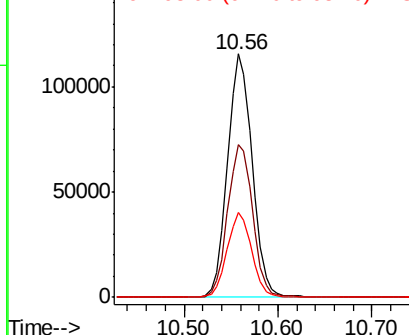


Abundance

Ion 162.00 (161.70 to 162.70): E

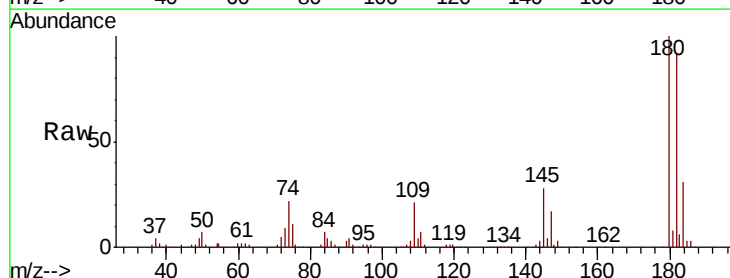
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 41.383 ng
RT: 10.78 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	77.7	116.5
145	27.6	23.3	34.9

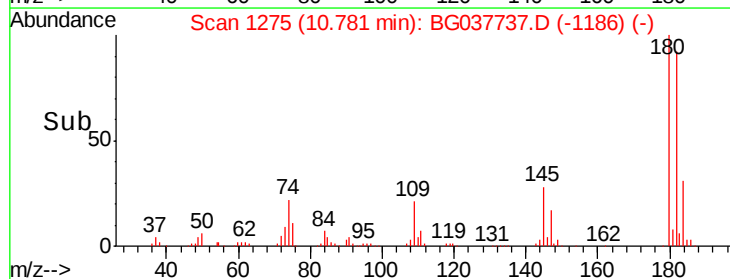
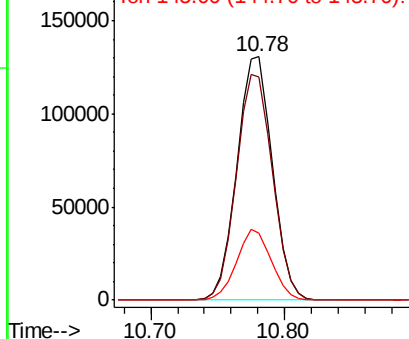


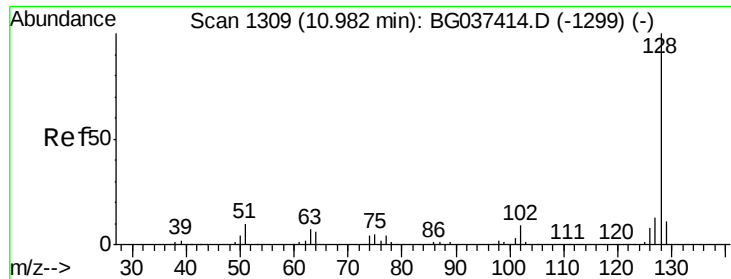
Abundance

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

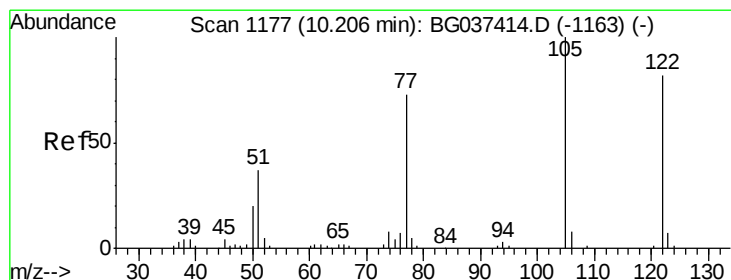
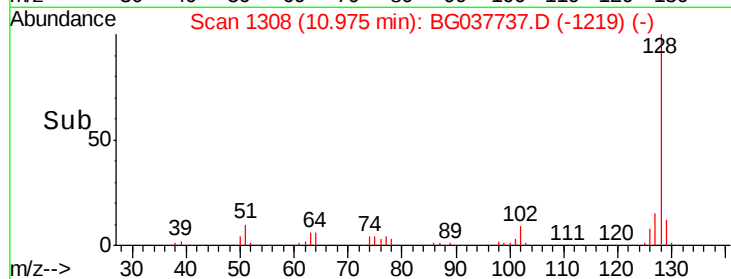
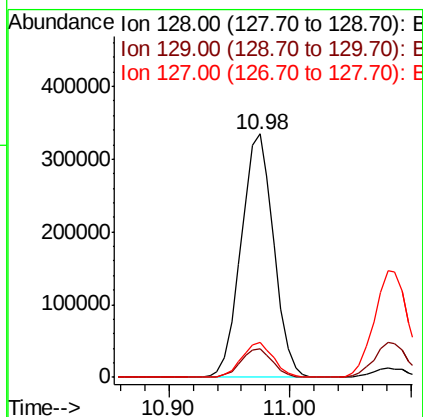
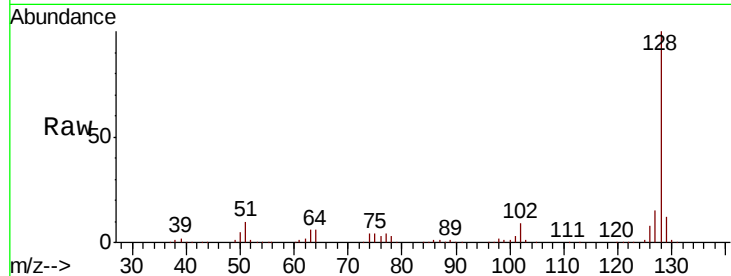




#31
Naphthalene
Concen: 39.847 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

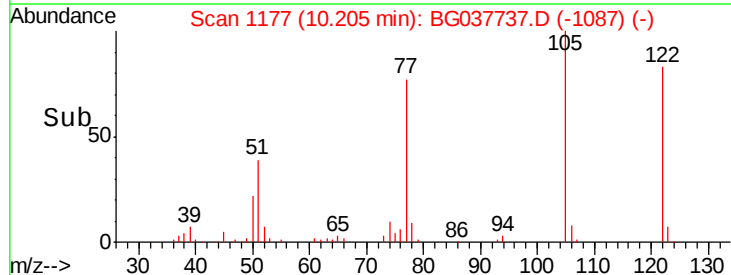
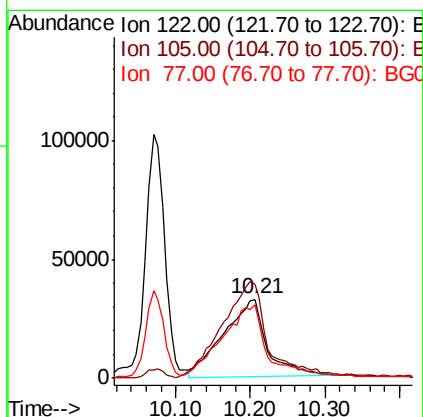
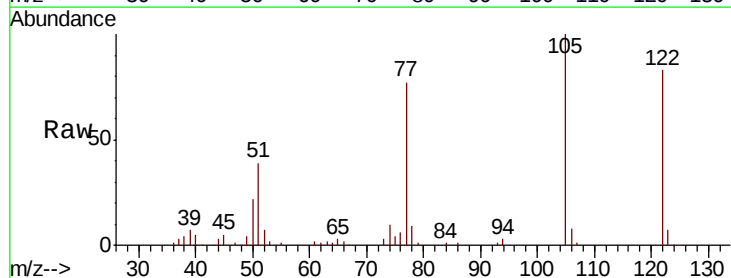
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 628255
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 14.5 11.1 16.7



#32
Benzoic acid
Concen: 42.583 ng
RT: 10.21 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:122 Resp: 132432
Ion Ratio Lower Upper
122 100
105 120.0 106.7 146.7
77 92.6 72.2 112.2

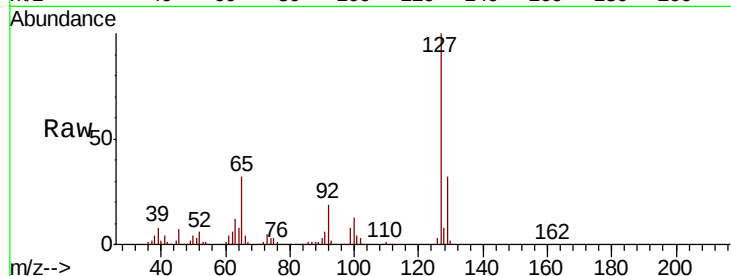




#33
4-Chloroaniline
Concen: 38.735 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	286957
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	31.9	26.6	39.8
92	19.2	16.4	24.6



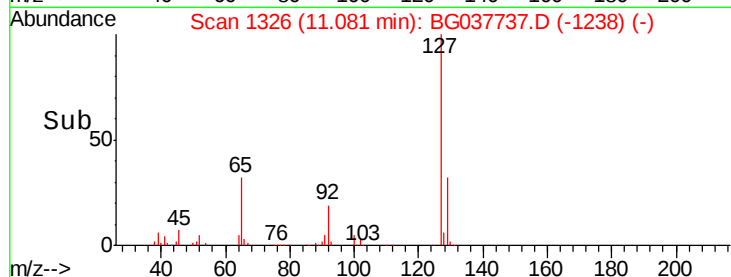
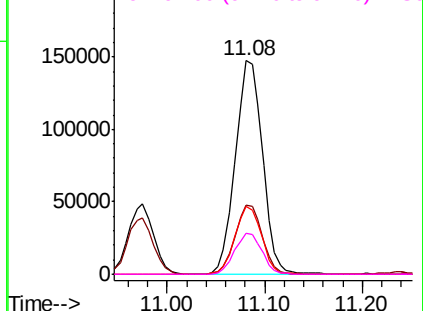
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

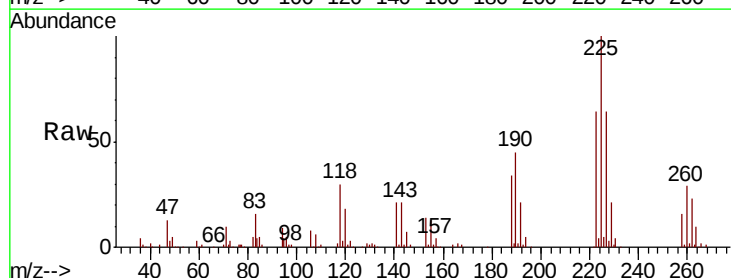
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.935 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:	225	Resp:	147526
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.2	72.4
227	63.9	51.6	77.4

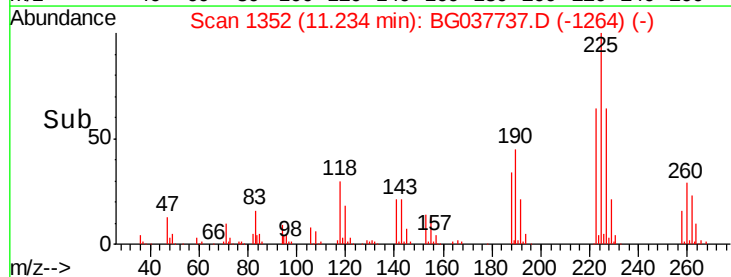
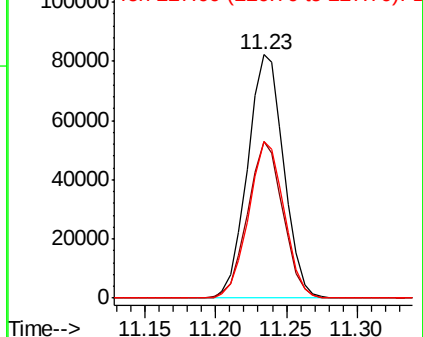


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

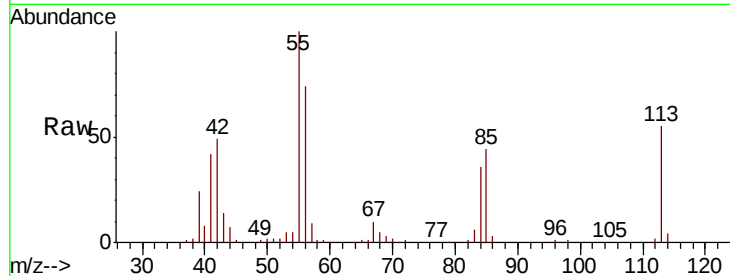




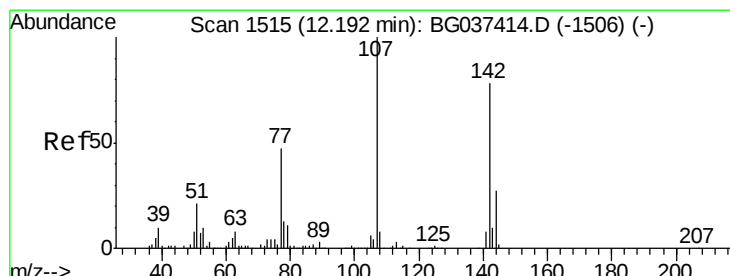
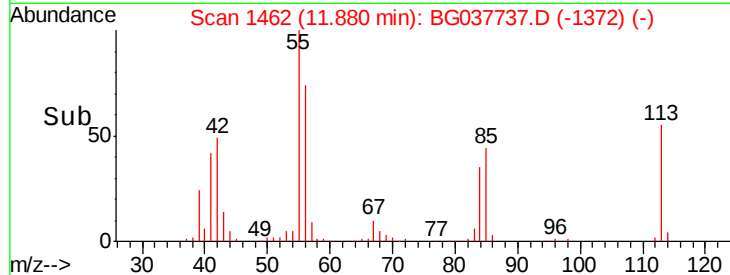
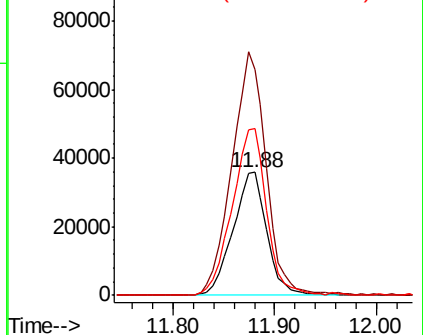
#35
 Caprolactam
 Concen: 38.799 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 82957
 Ion Ratio Lower Upper
 113 100
 55 183.2 176.6 216.6
 56 135.9 128.3 168.3

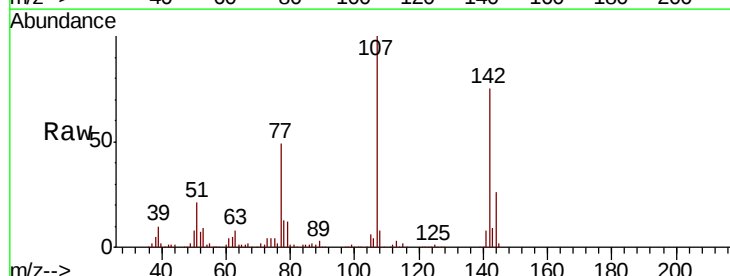


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

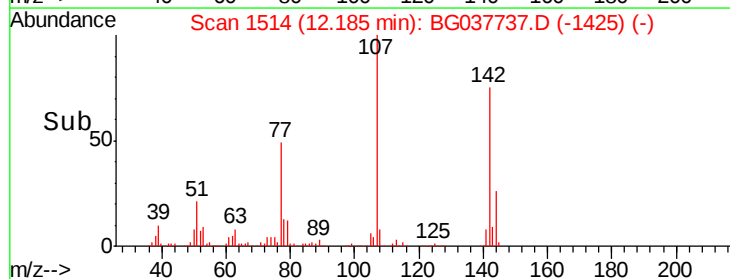
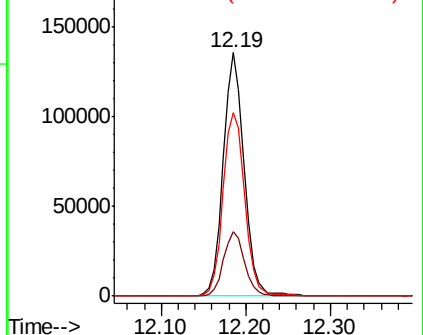


#36
 4-Chloro-3-methylphenol
 Concen: 38.528 ng
 RT: 12.19 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion:107 Resp: 231643
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.7 31.1
 142 75.2 64.4 96.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

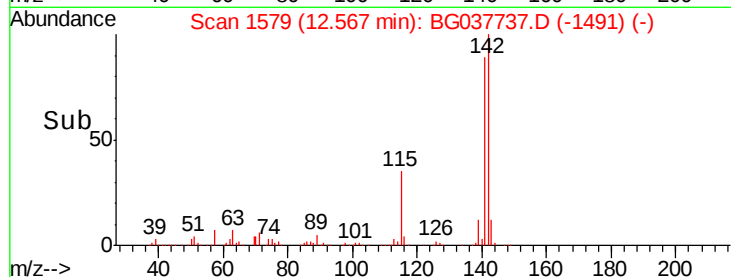
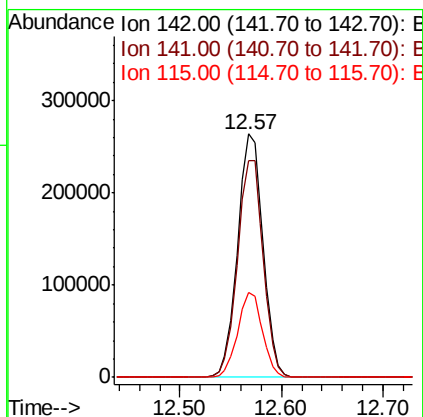
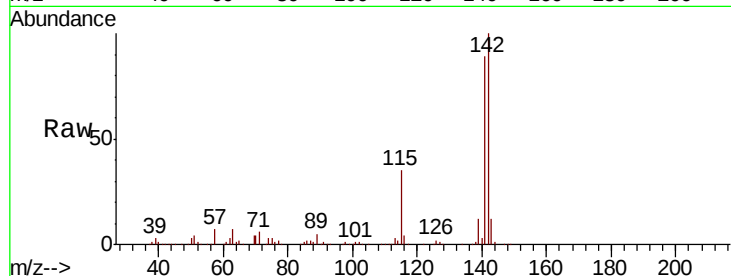




#37
 2-Methylnaphthalene
 Concen: 39.725 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

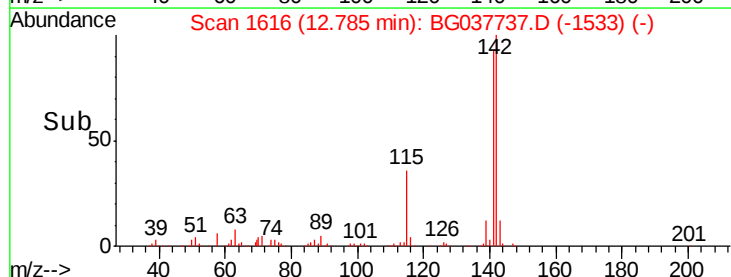
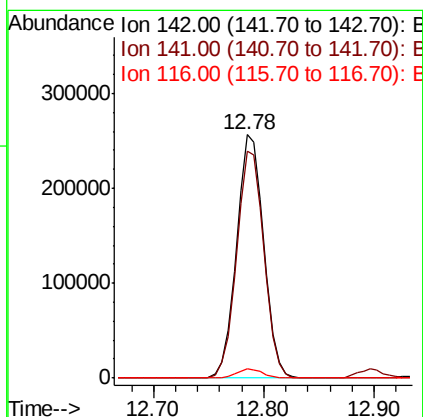
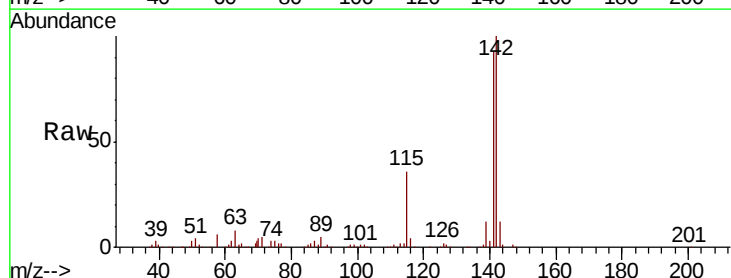
Instrument :
 BNA_G
 ClientSampleId :

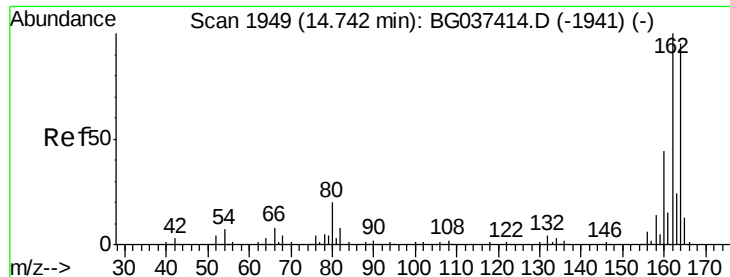
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	34.7	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 39.505 ng
 RT: 12.78 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	3.7	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

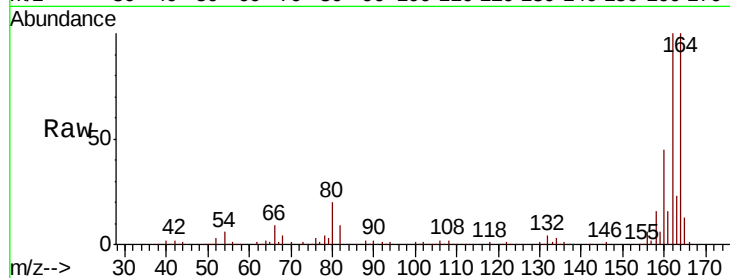
Tot Ion:164 Resp: 199571

Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

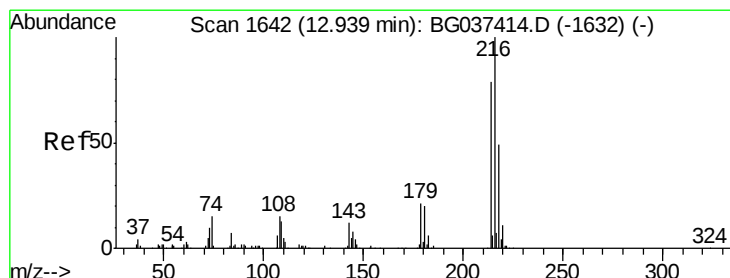
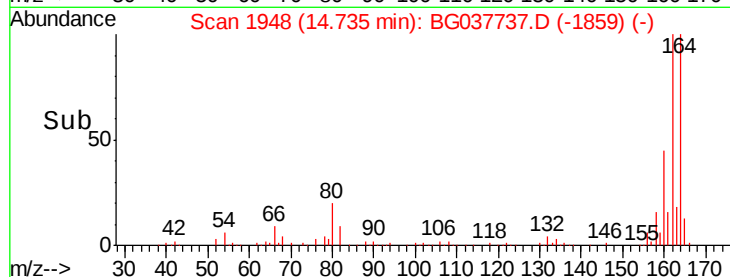
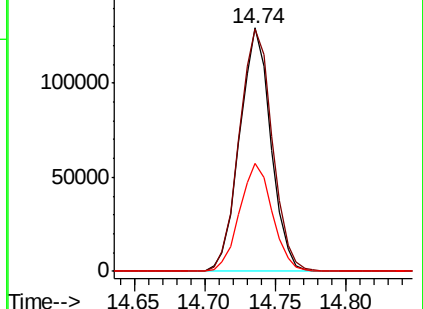
160 44.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.227 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Tgt Ion:216 Resp: 278266

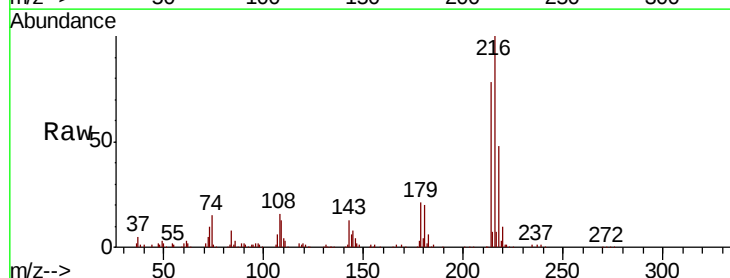
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 20.7 17.4 26.0

108 16.9 13.9 20.9

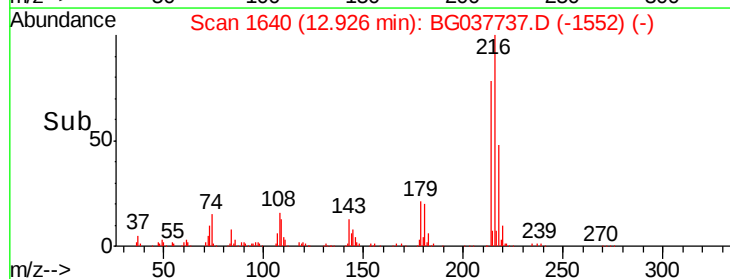
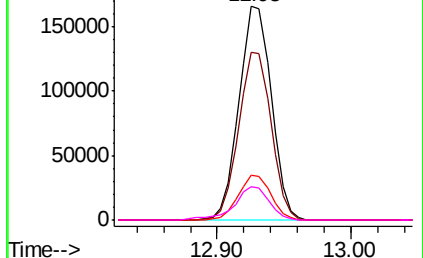


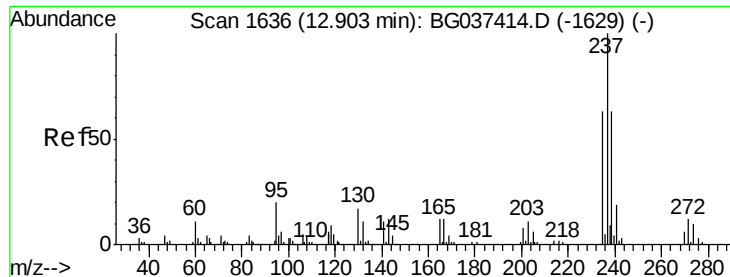
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.712 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampled :

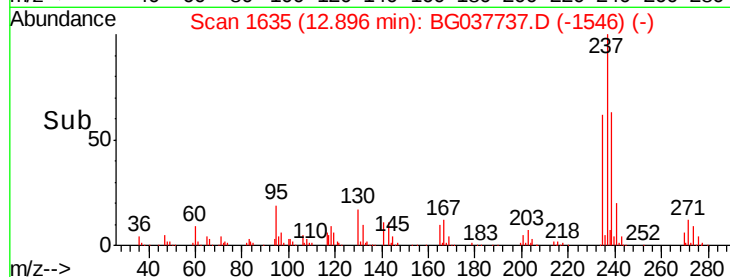
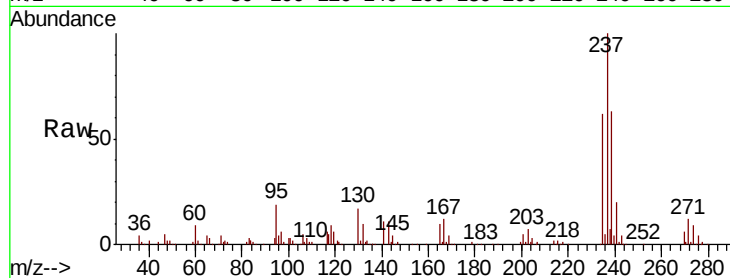
Tot Ion:237 Resp: 140559

Ion Ratio Lower Upper

237 100

235 62.3 42.5 82.5

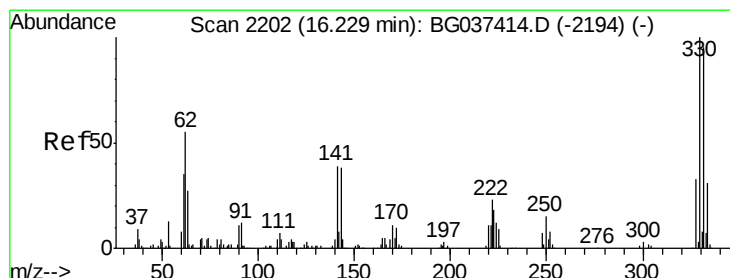
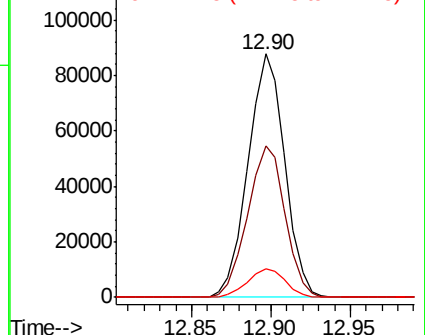
272 11.7 0.0 31.6



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: 83.684 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

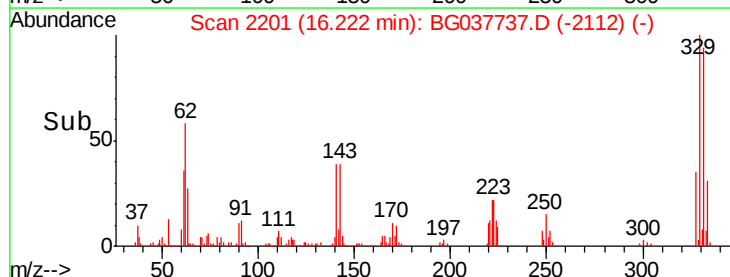
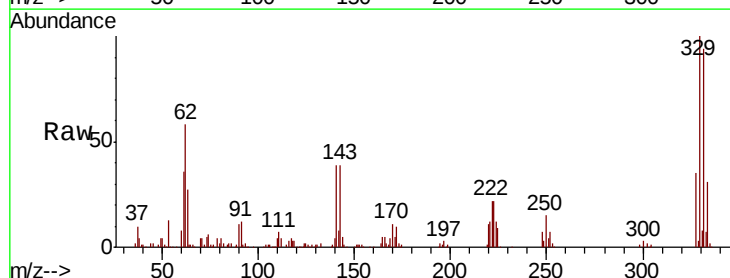
Tgt Ion:330 Resp: 182154

Ion Ratio Lower Upper

330 100

332 94.9 78.4 117.6

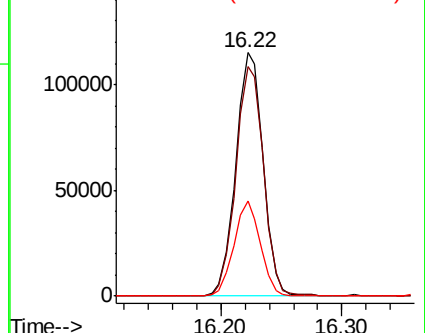
141 37.6 32.2 48.2



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

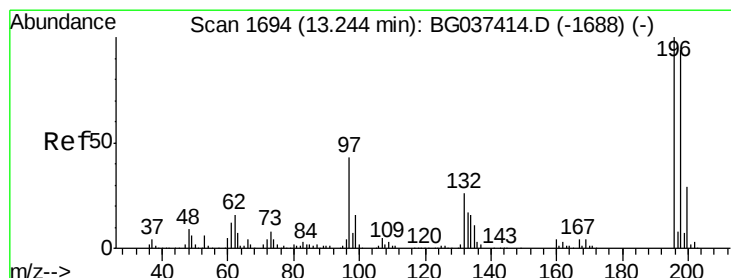
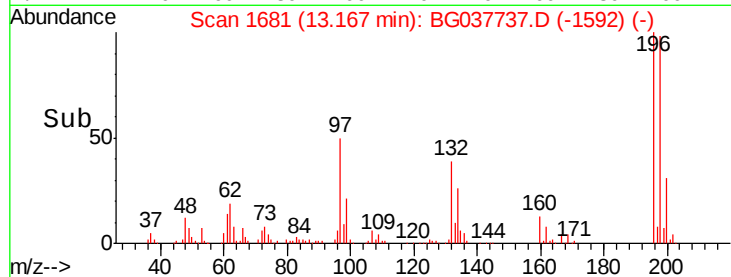
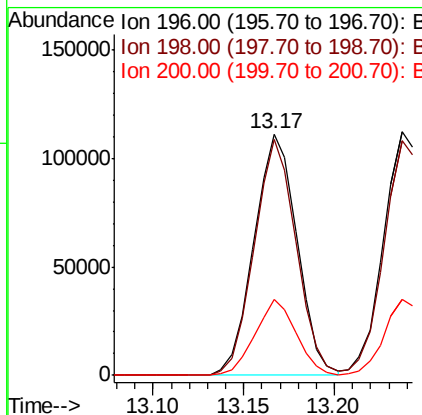
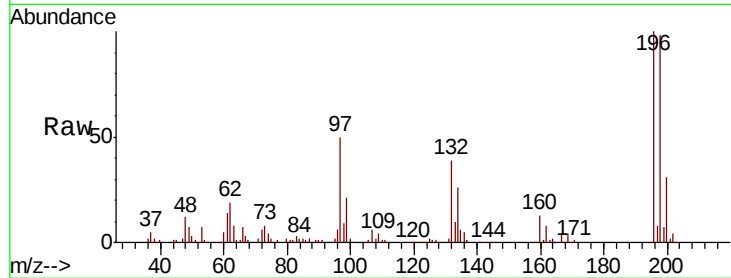




#43
 2,4,6-Trichlorophenol
 Concen: 42.708 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

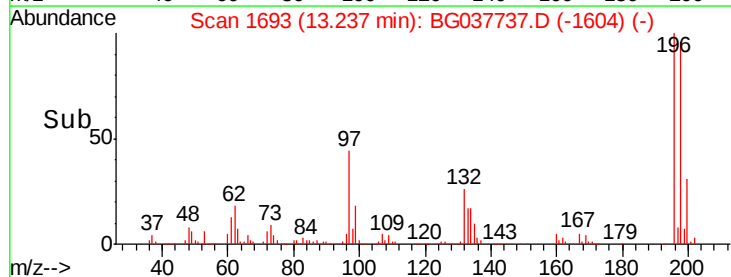
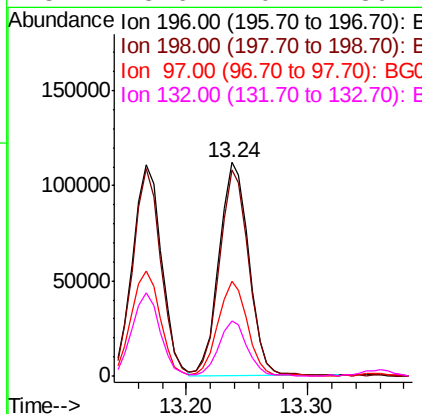
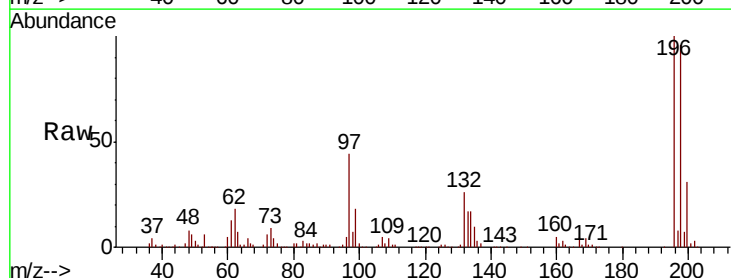
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	183669
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.4	114.6
200	31.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.630 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion	196	Resp	190247
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.2	111.2
97	44.4	34.1	51.1
132	25.6	20.2	30.4

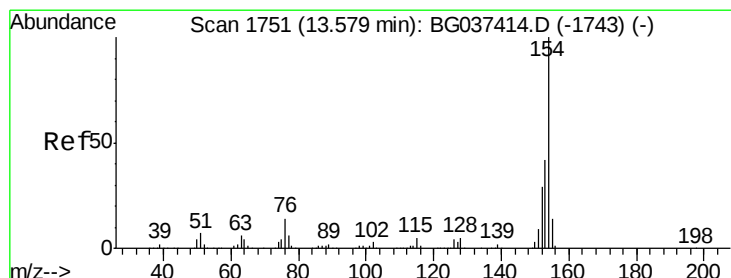
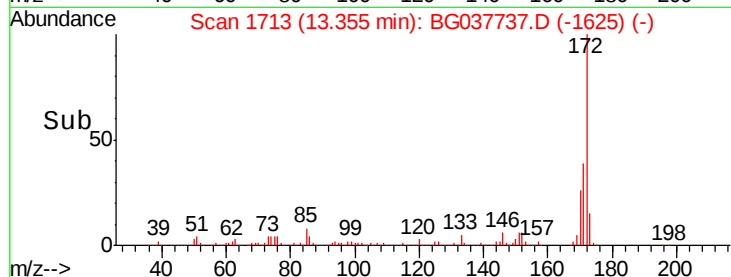
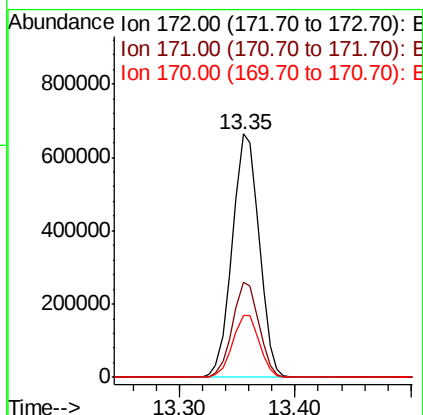
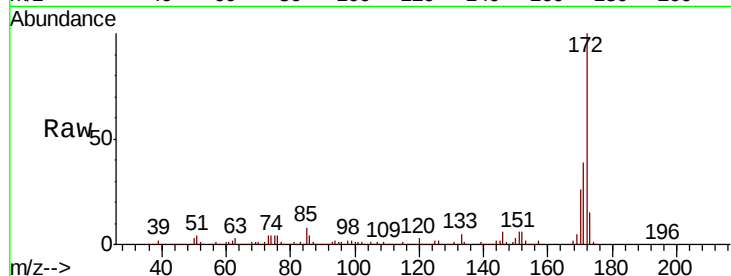




#45
2-Fluorobiphenyl
Concen: 81.106 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

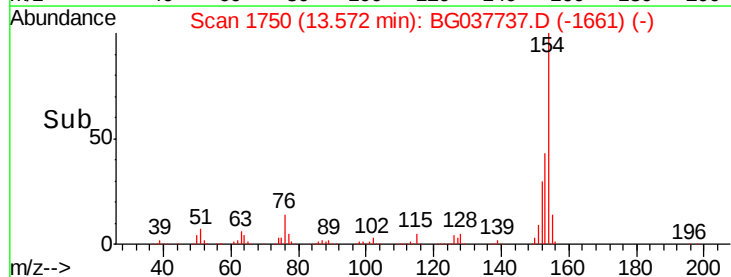
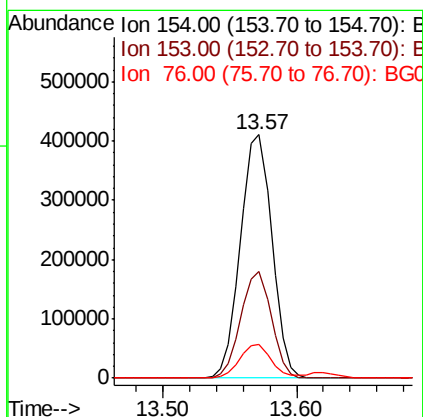
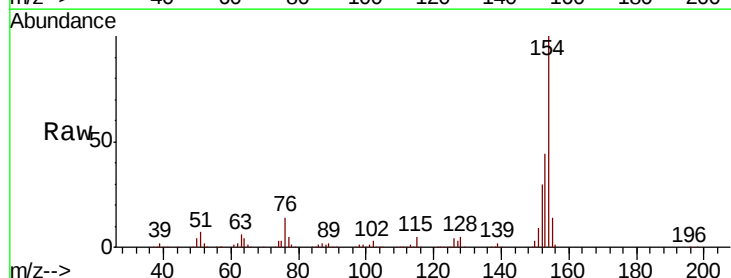
Instrument :
BNA_G
ClientSampleId :

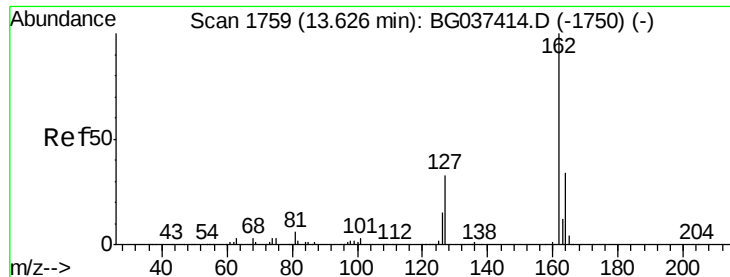
Tot Ion:172 Resp: 1073406
Ion Ratio Lower Upper
172 100
171 39.3 31.0 46.4
170 25.6 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.685 ng
RT: 13.57 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:154 Resp: 672430
Ion Ratio Lower Upper
154 100
153 43.6 22.1 62.1
76 13.7 0.0 33.2

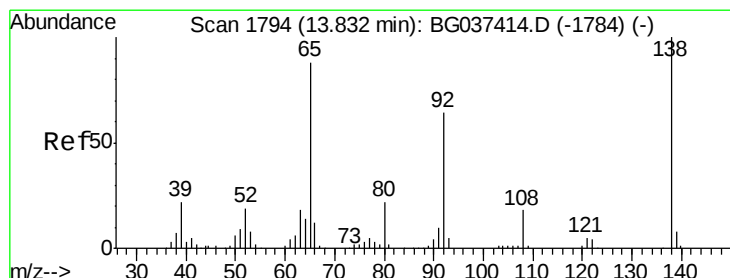
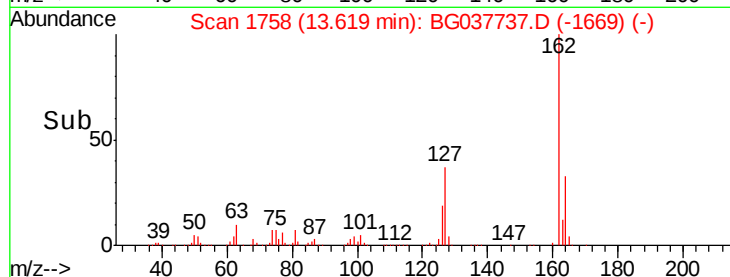
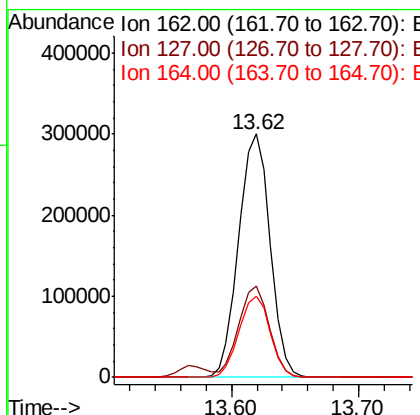
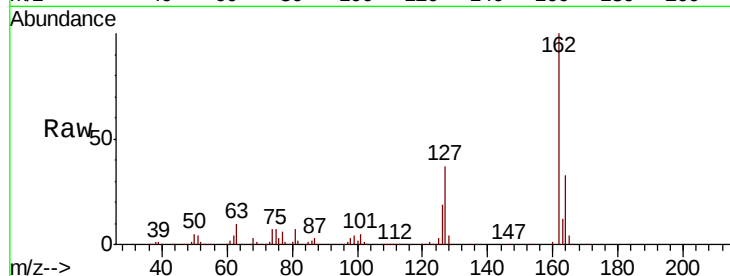




#47
2-Chloronaphthalene
Concen: 41.269 ng
RT: 13.62 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

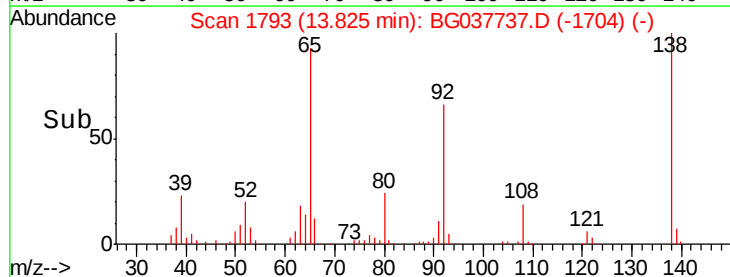
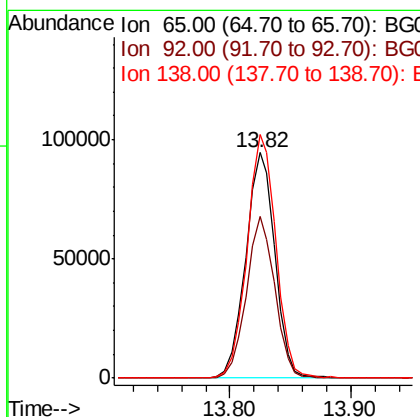
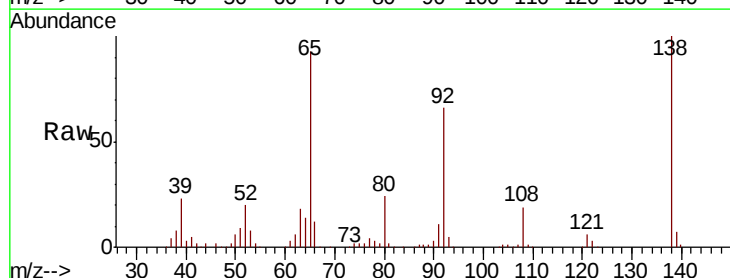
Instrument :
BNA_G
ClientSampleId :

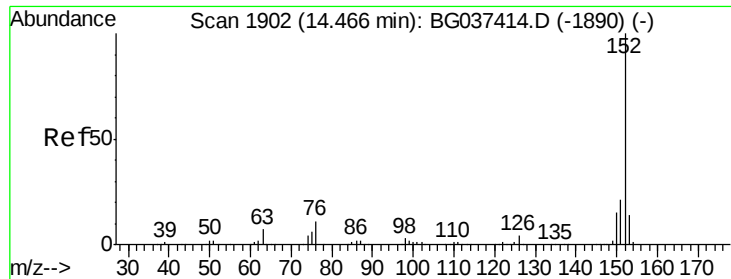
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	33.5	26.4	39.6



#48
2-Nitroaniline
Concen: 42.108 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	53.2	79.8
138	107.9	79.3	118.9





#49

Acenaphthylene

Concen: 40.523 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

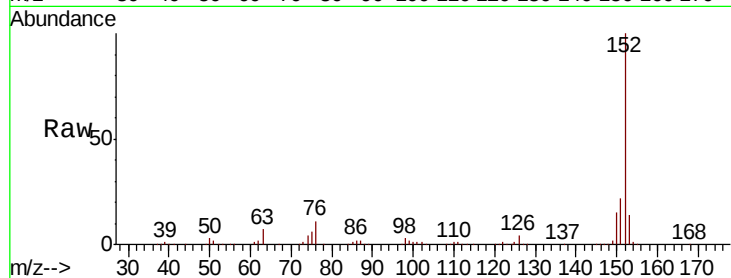
Tot Ion:152 Resp: 762217

Ion Ratio Lower Upper

152 100

151 22.4 17.1 25.7

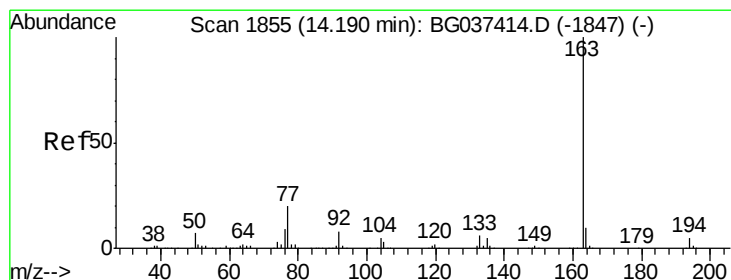
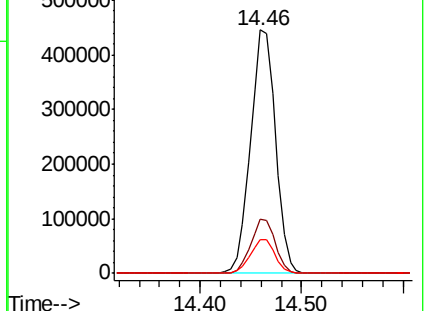
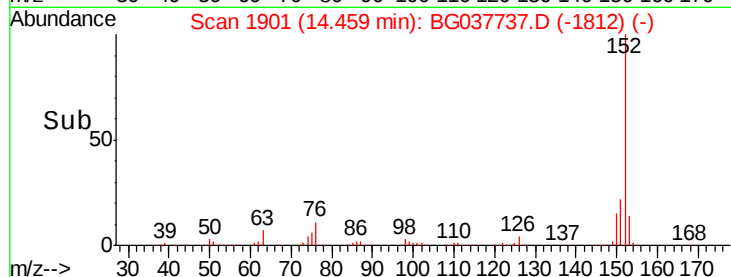
153 13.9 11.1 16.7



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: 39.148 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

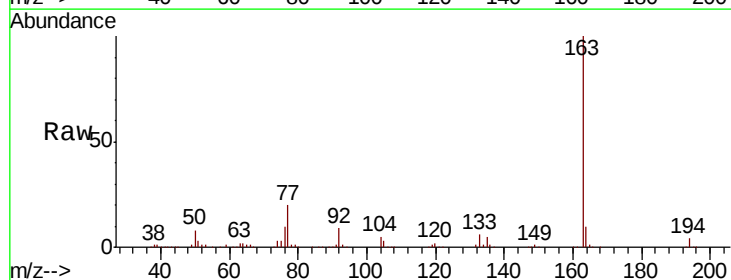
Tgt Ion:163 Resp: 604418

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

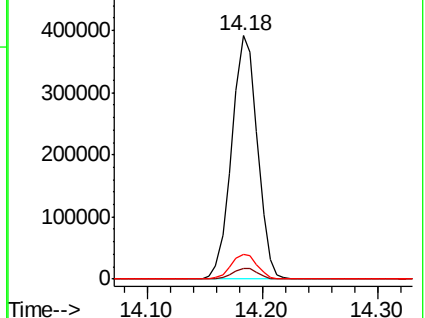
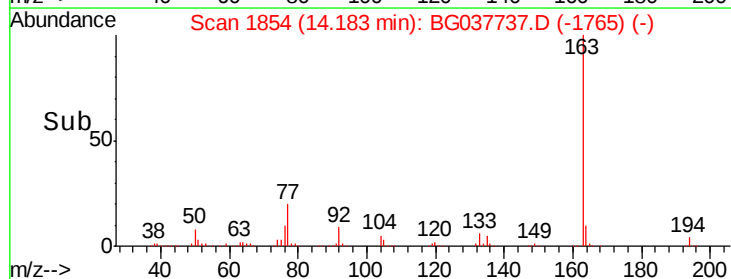
164 10.2 8.5 12.7

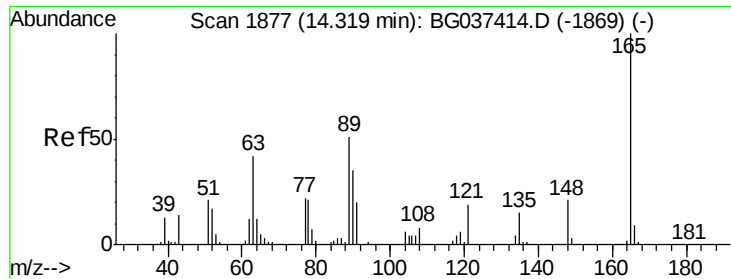


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.410 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

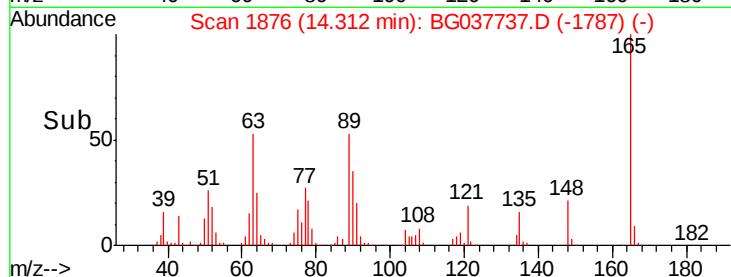
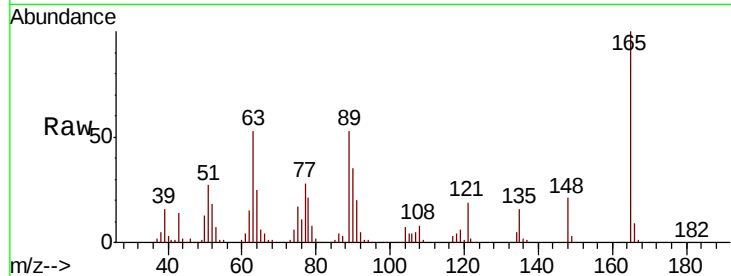
Tot Ion:165 Resp: 141435

Ion Ratio Lower Upper

165 100

63 53.4 43.4 65.2

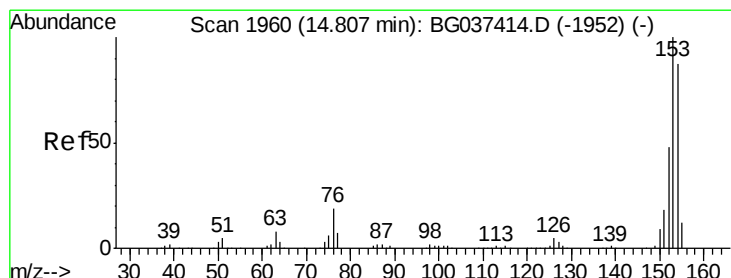
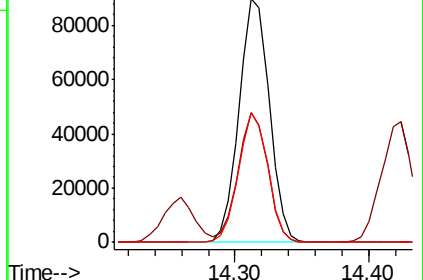
89 53.4 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0



#52

Acenaphthene

Concen: 39.632 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

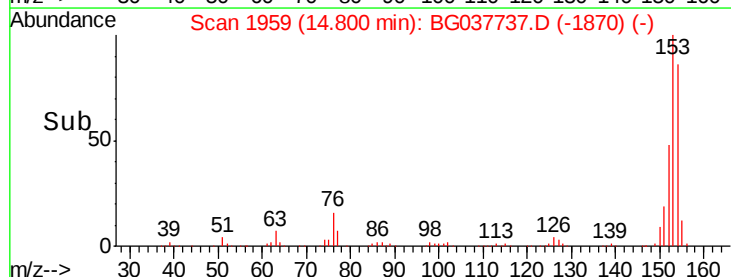
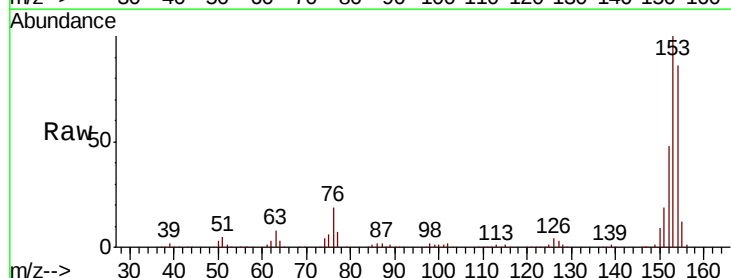
Tgt Ion:154 Resp: 459108

Ion Ratio Lower Upper

154 100

153 115.8 93.4 140.0

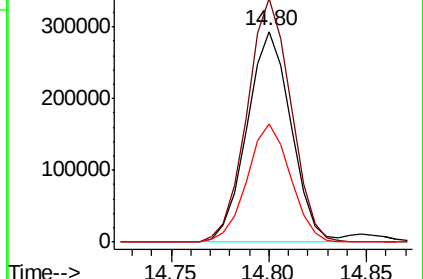
152 56.0 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.199 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

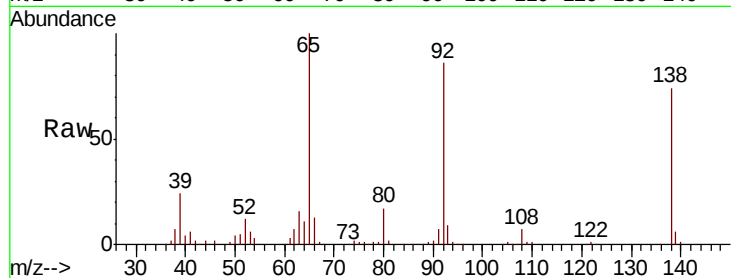
Tot Ion:138 Resp: 152421

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

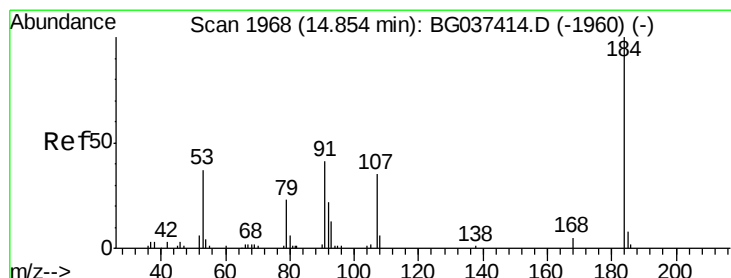
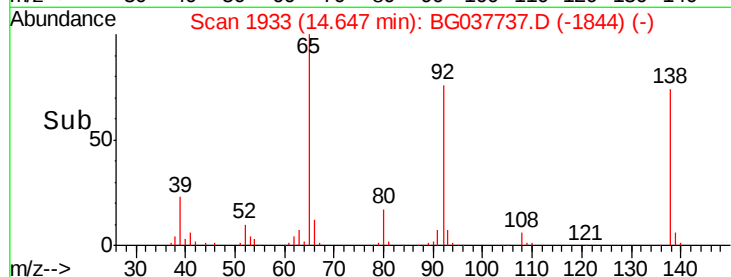
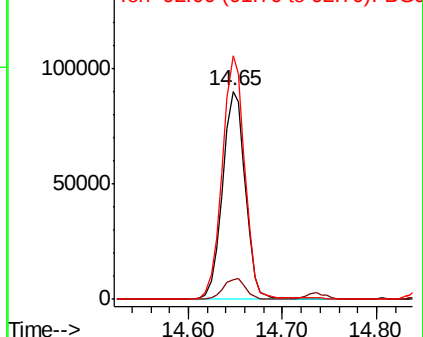
92 117.2 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 37.950 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

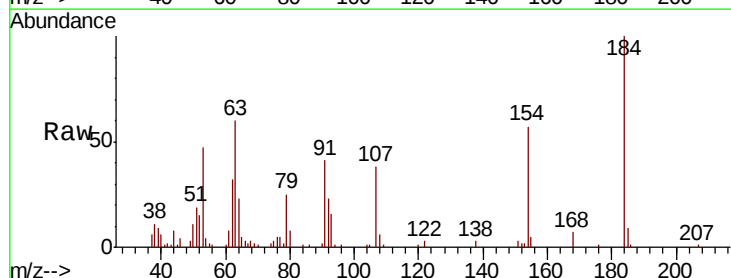
Tgt Ion:184 Resp: 36390

Ion Ratio Lower Upper

184 100

63 59.6 42.6 63.8

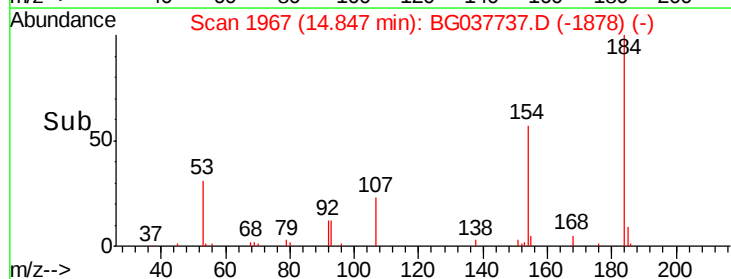
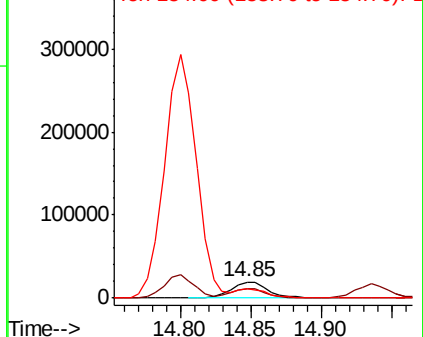
154 56.7 41.8 62.6

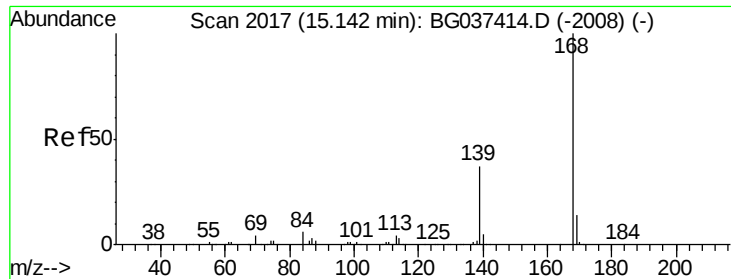


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

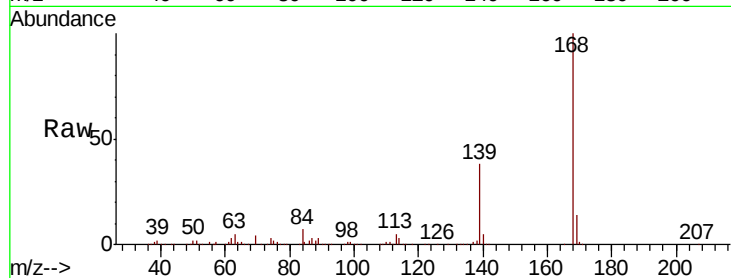




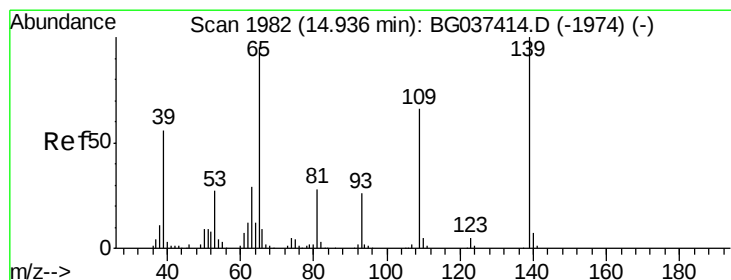
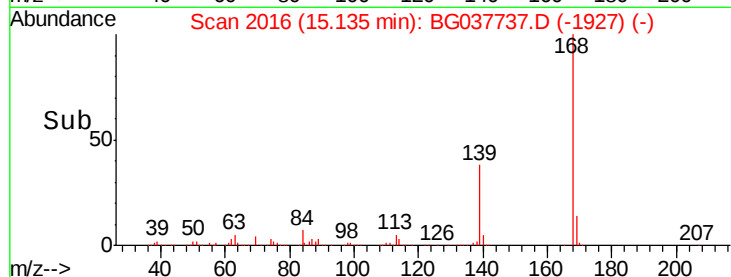
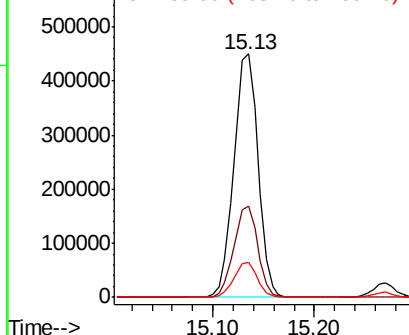
#55
Dibenzofuran
Concen: 38.892 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 746459
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 14.3 11.0 16.6

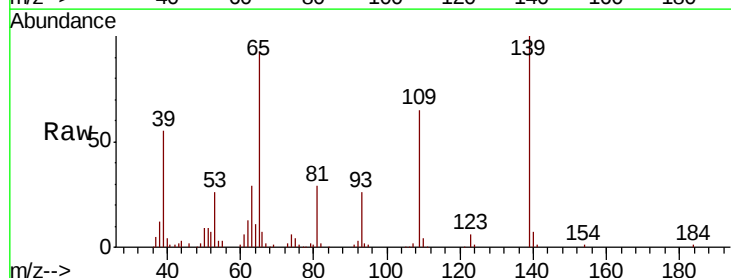


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

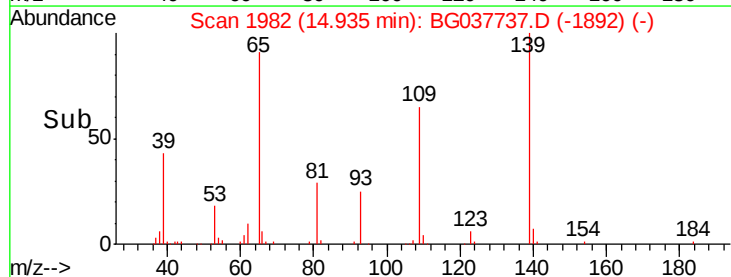
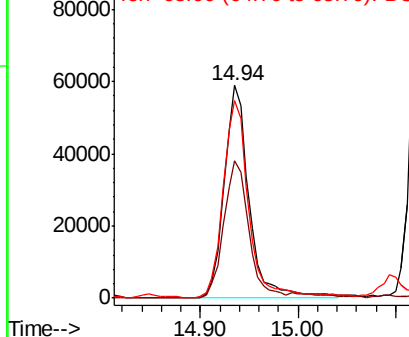


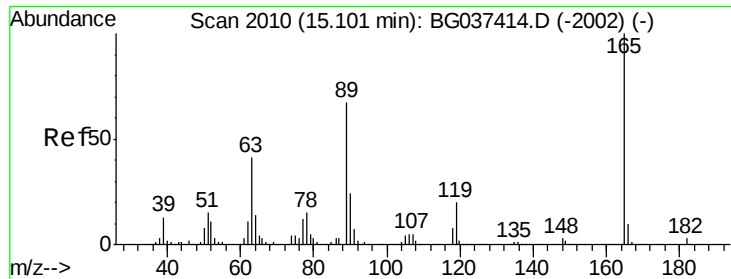
#56
4-Nitrophenol
Concen: 37.226 ng
RT: 14.94 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:139 Resp: 104478
Ion Ratio Lower Upper
139 100
109 64.8 49.5 89.5
65 92.7 76.8 116.8



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

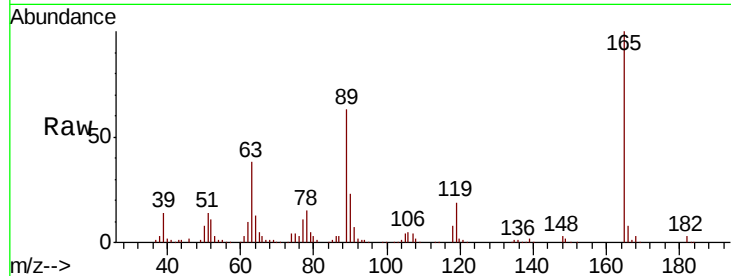




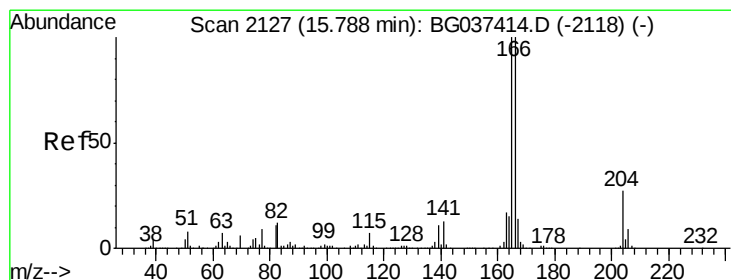
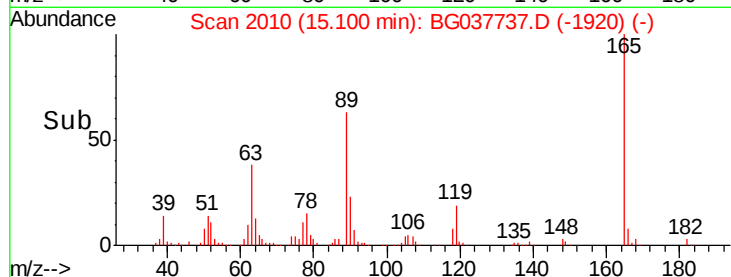
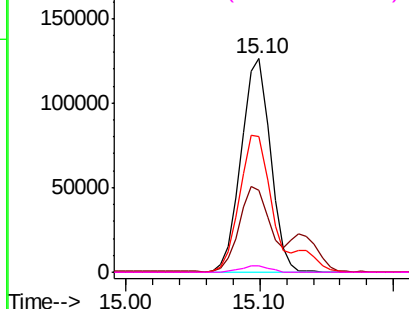
#57
2,4-Dinitrotoluene
Concen: 42.706 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	191466
Ion Ratio	Lower	Upper
165	100	
63	38.2	33.4 50.0
89	63.4	57.2 85.8
182	2.8	2.6 4.0

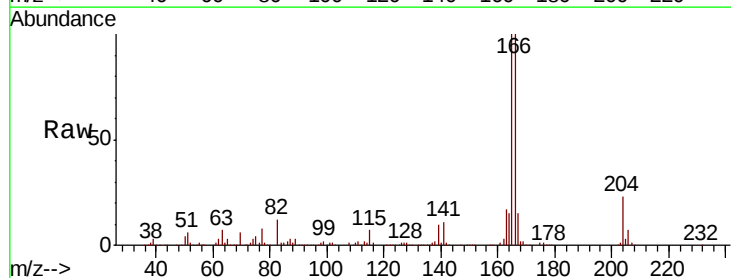


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

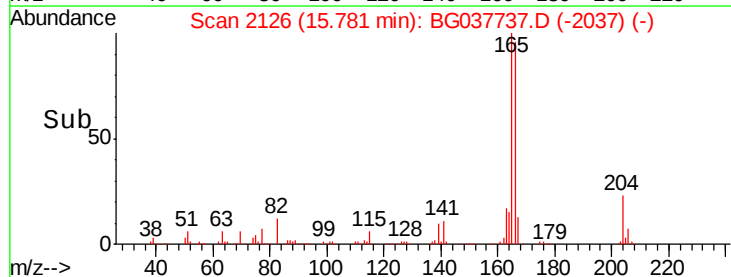
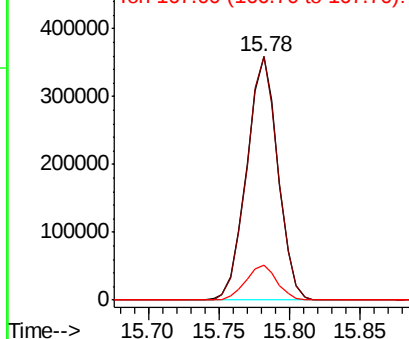


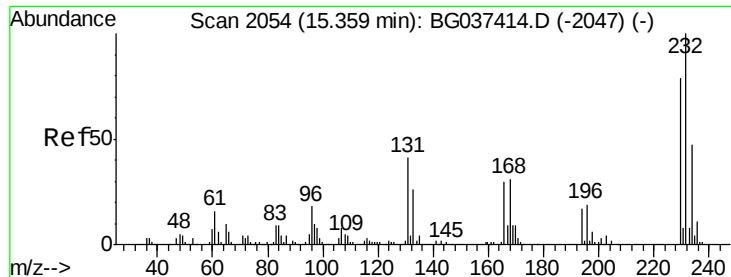
#58
Fluorene
Concen: 38.747 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:166	Resp:	556906
Ion Ratio	Lower	Upper
166	100	
165	99.9	79.0 118.6
167	14.6	11.3 16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.280 ng

RT: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 157477

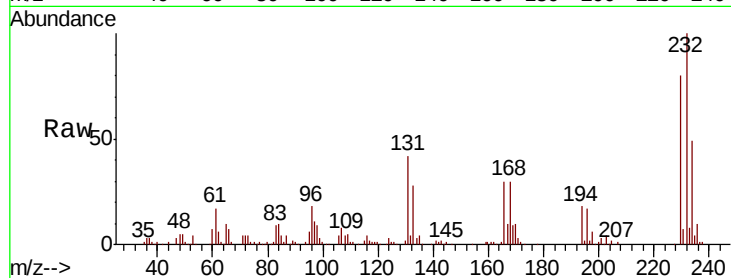
Ion Ratio Lower Upper

232 100

131 42.1 33.7 50.5

130 2.5 2.1 3.1

166 30.0 24.6 36.8

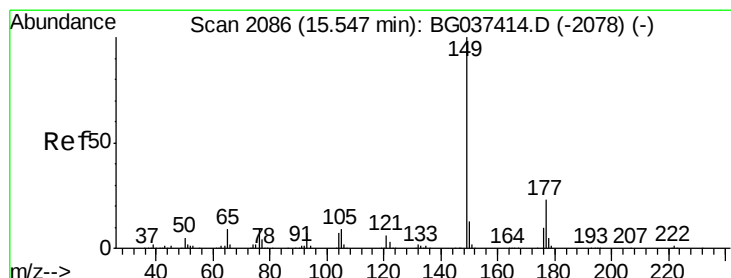
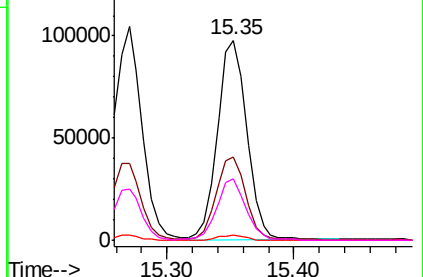
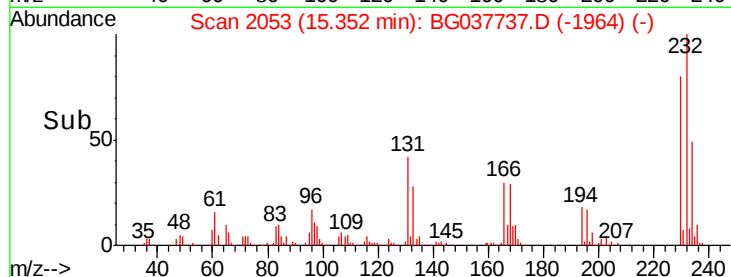


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.270 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

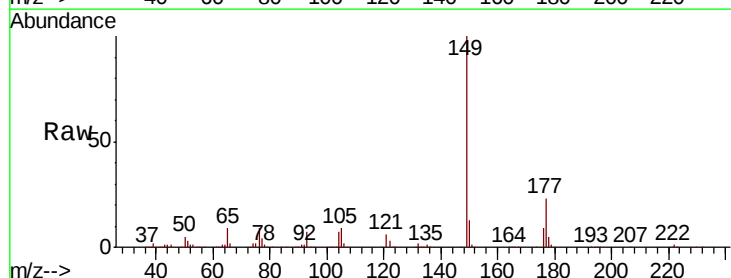
Tgt Ion:149 Resp: 622449

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

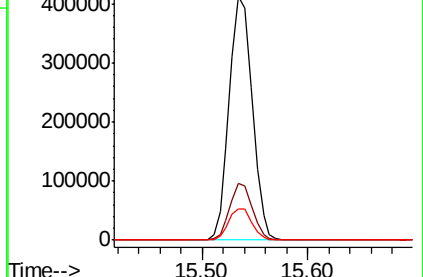
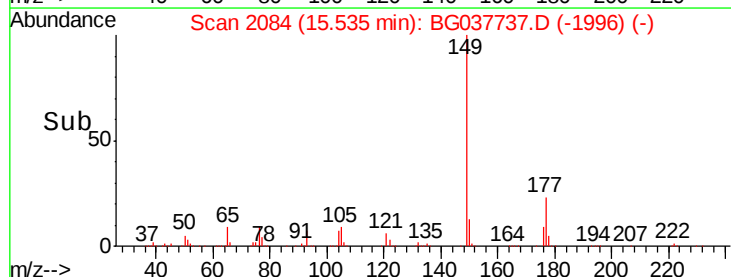
150 12.6 10.0 15.0

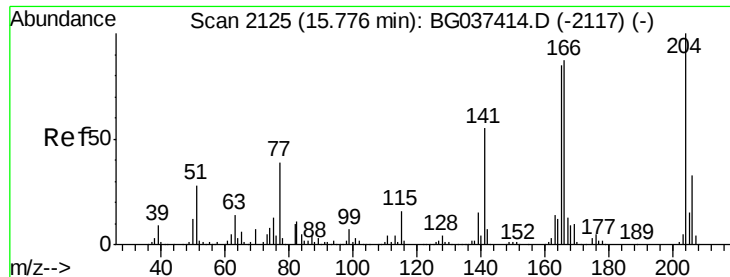


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

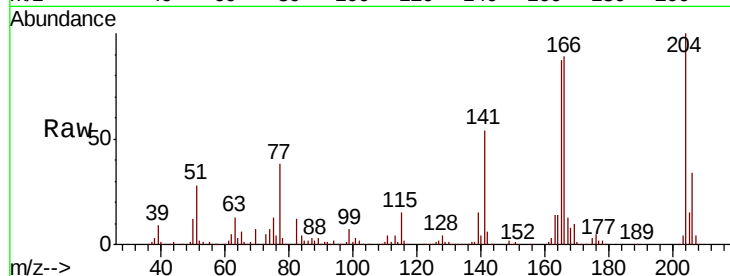




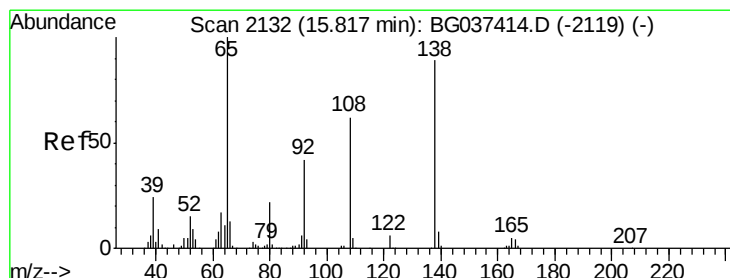
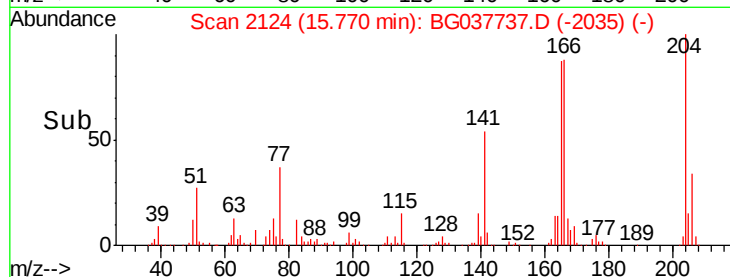
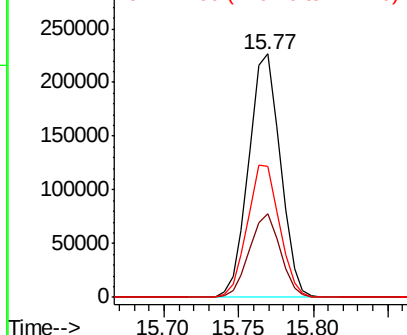
#61
4-Chlorophenyl-phenylether
Concen: 39.574 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 331521
Ion Ratio Lower Upper
204 100
206 34.3 26.6 39.8
141 53.6 45.4 68.2

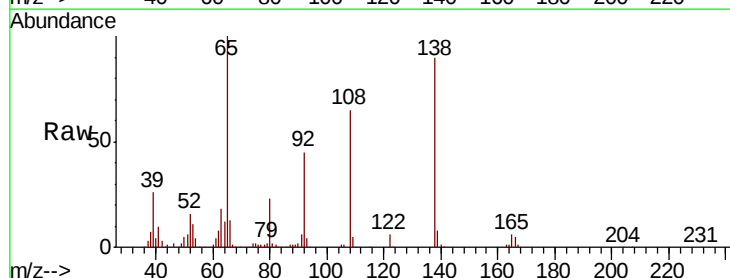


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

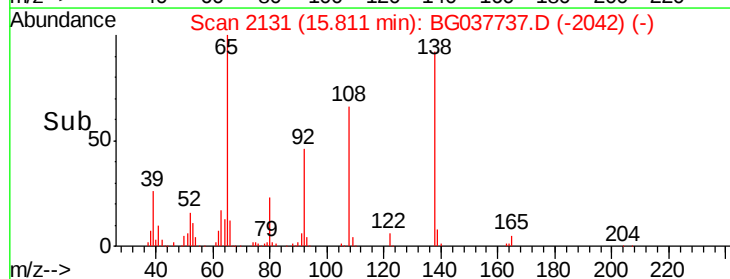
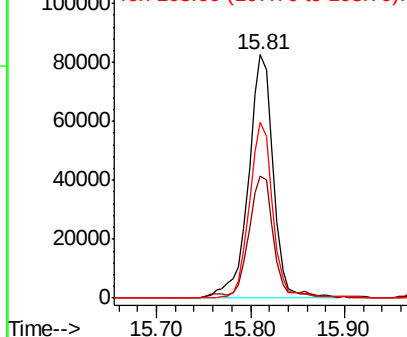


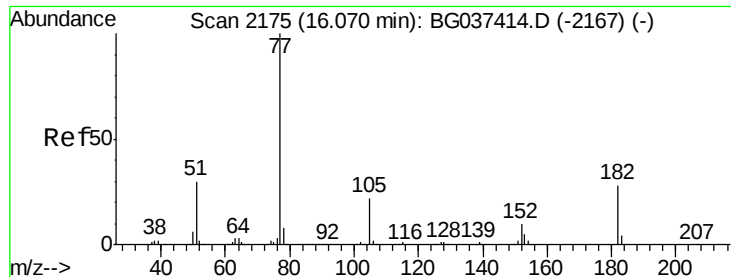
#62
4-Nitroaniline
Concen: 39.907 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:138 Resp: 150355
Ion Ratio Lower Upper
138 100
92 50.4 36.4 76.4
108 72.2 60.1 100.1



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

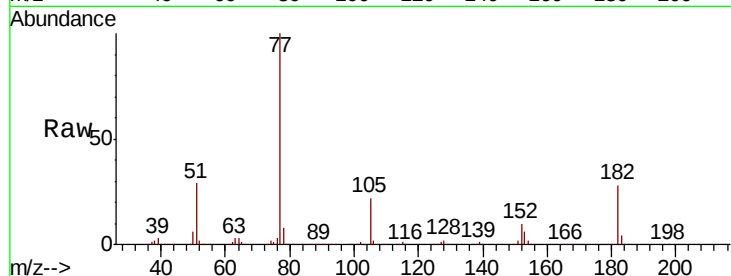




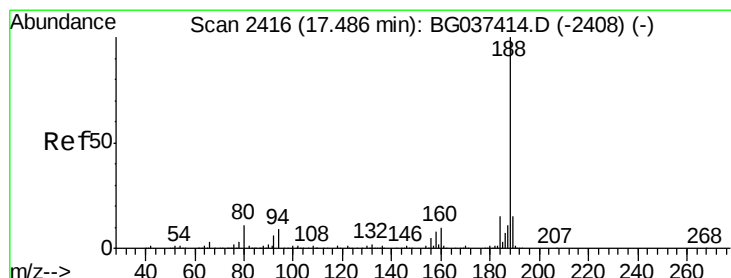
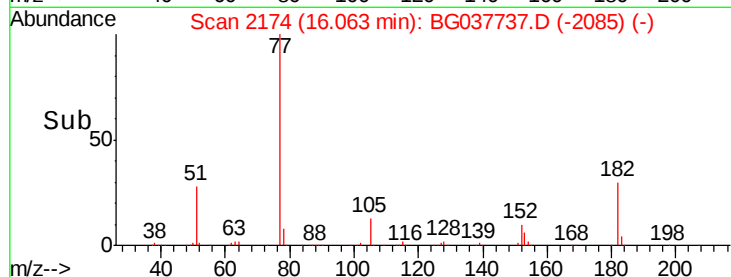
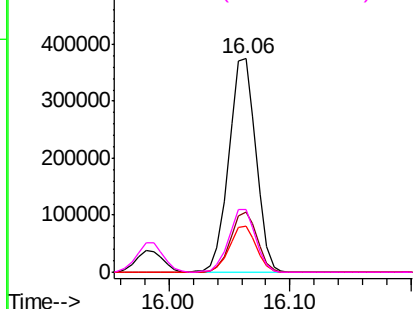
#63
Azobenzene
Concen: 38.648 ng
RT: 16.06 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	8.0	48.0
105	21.7	1.3	41.3
51	29.3	10.7	50.7

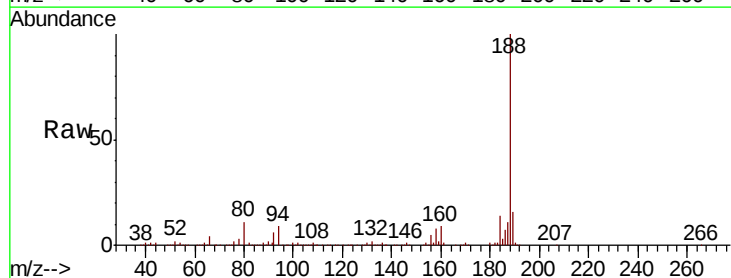


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

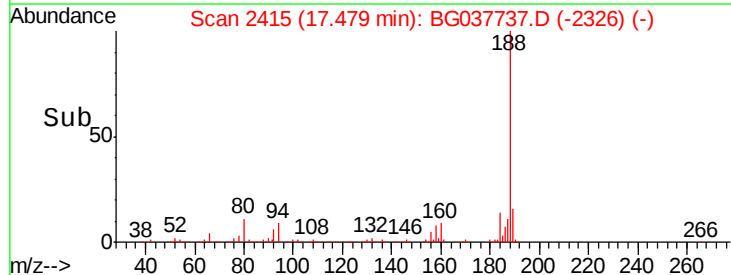
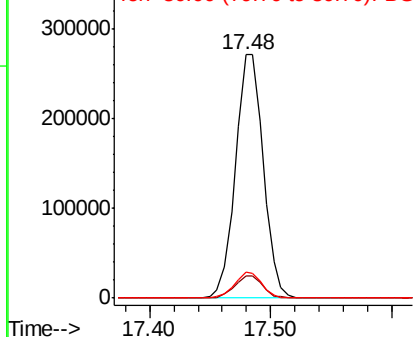


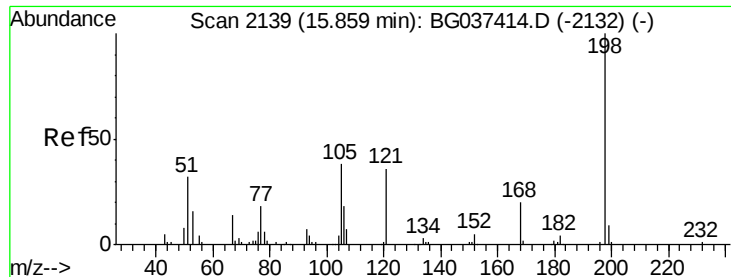
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	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

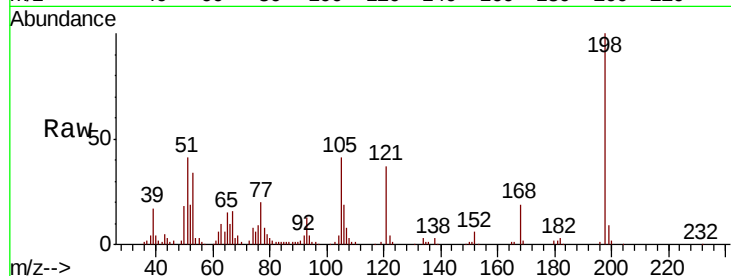




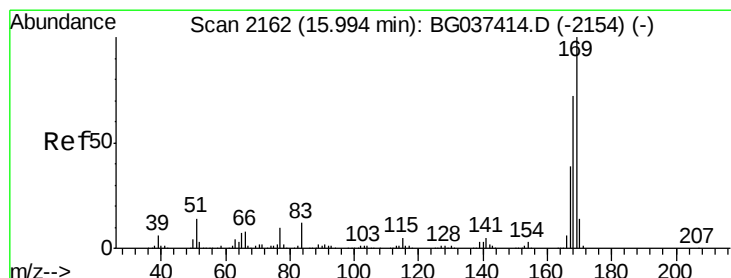
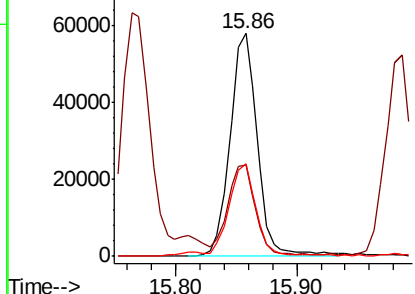
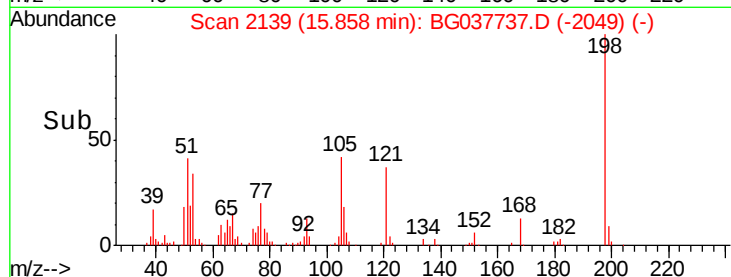
#65
4,6-Dinitro-2-methylphenol
Concen: 41.480 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.2	22.7	62.7
105	41.3	19.7	59.7

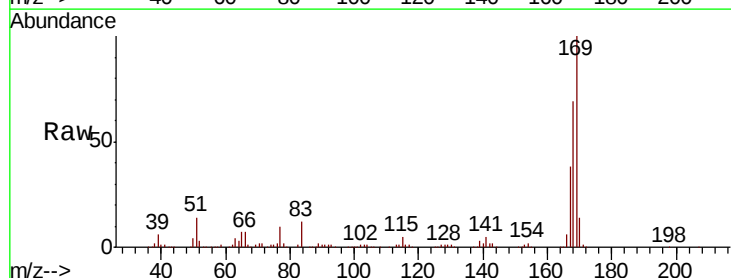


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

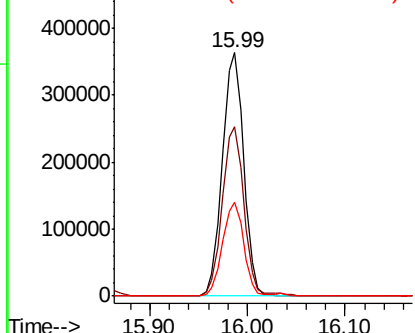
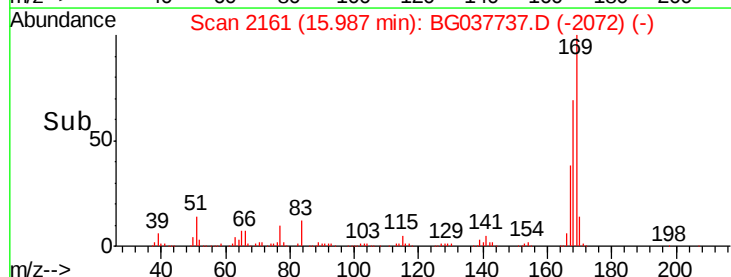


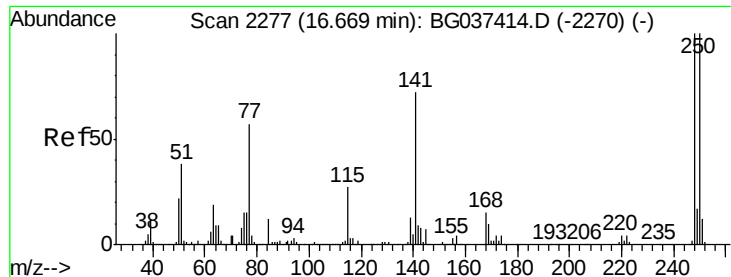
#66
n-Nitrosodiphenylamine
Concen: 42.086 ng
RT: 15.99 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	38.4	31.3	46.9



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

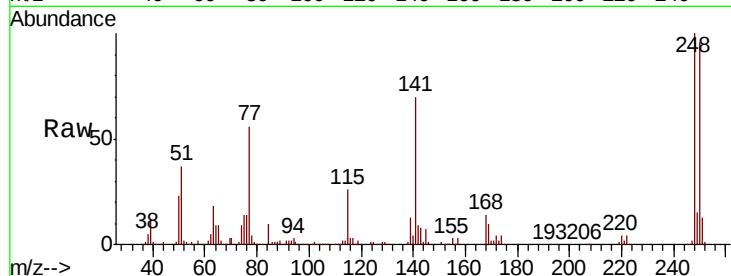




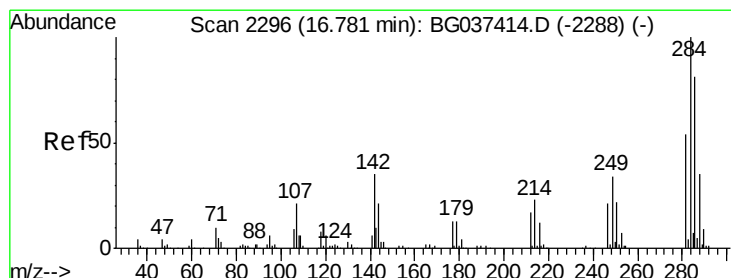
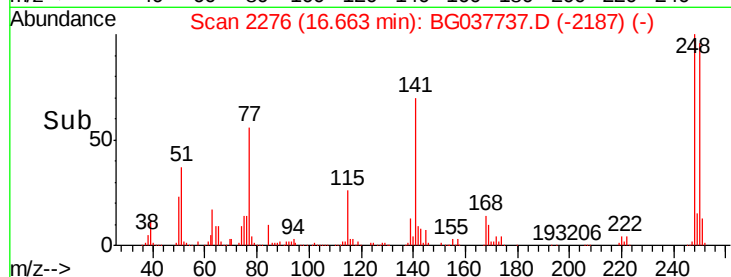
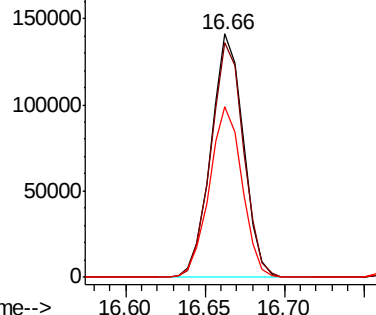
#67
4-Bromophenyl-phenylether
Concen: 41.786 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 199709
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.6
141 70.0 55.5 83.3

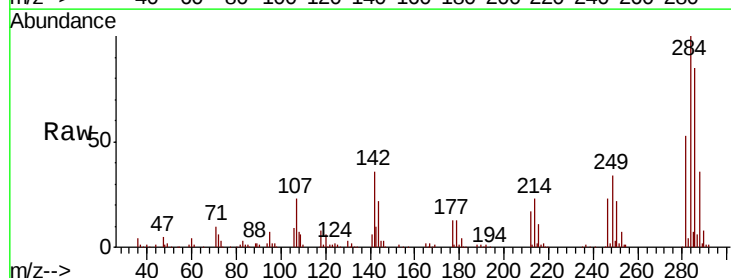


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

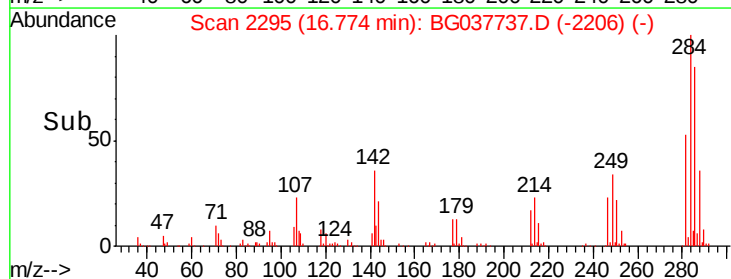
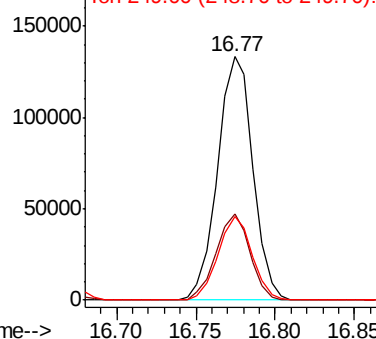


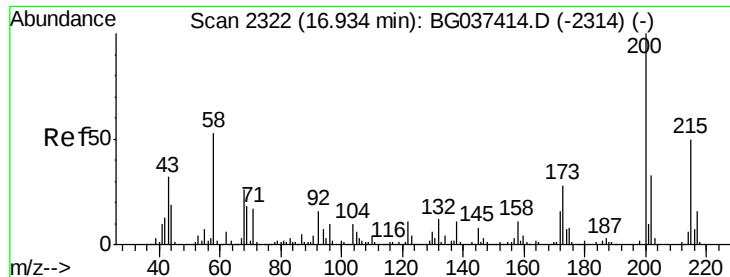
#68
Hexachlorobenzene
Concen: 41.401 ng
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:284 Resp: 205076
Ion Ratio Lower Upper
284 100
142 35.5 28.1 42.1
249 37.0 29.8 44.8



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

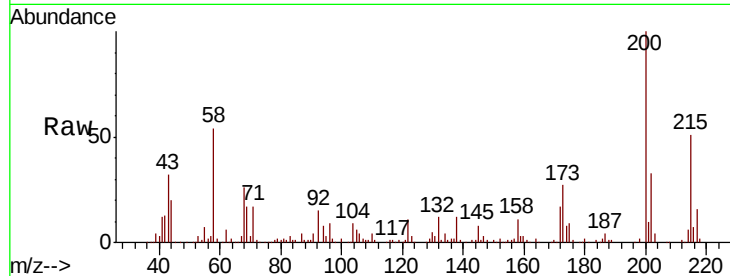




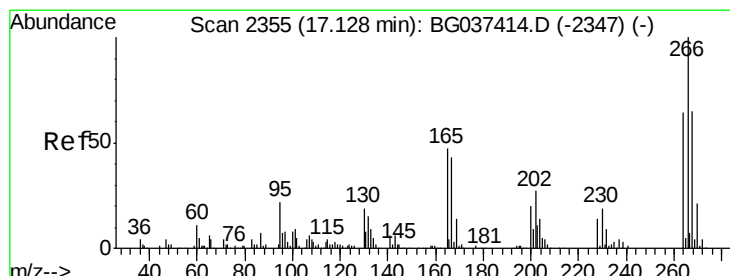
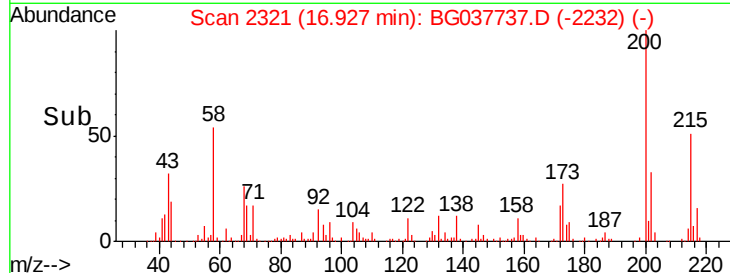
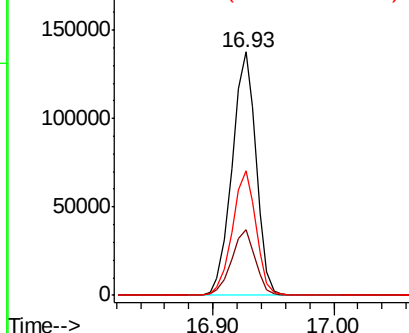
#69
 Atrazine
 Concen: 40.319 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 190836
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.1 46.1
 215 51.2 30.8 70.8

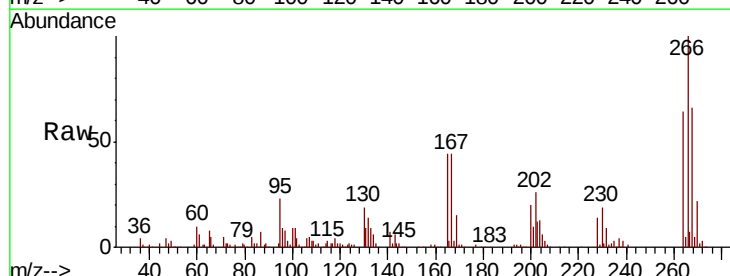


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

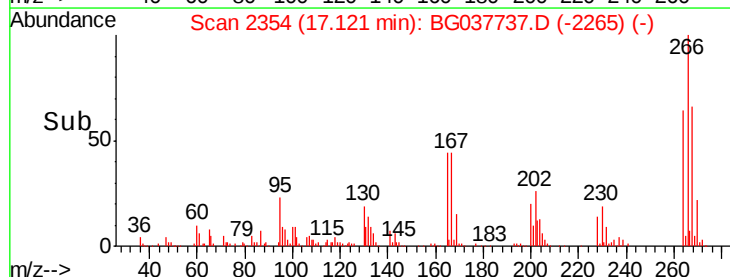
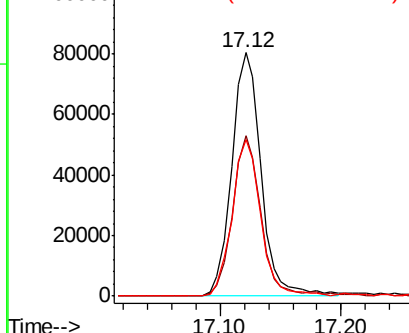


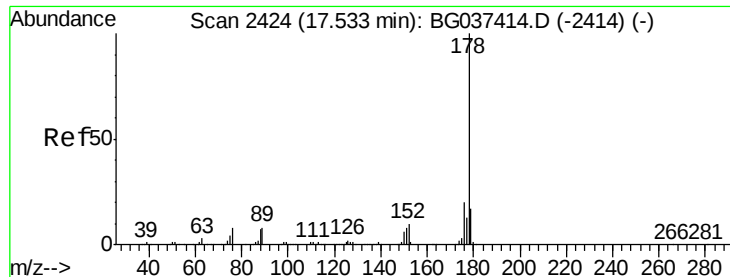
#70
 Pentachlorophenol
 Concen: 40.978 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion:266 Resp: 135961
 Ion Ratio Lower Upper
 266 100
 268 70.9 55.0 82.6
 264 69.7 58.9 88.3



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

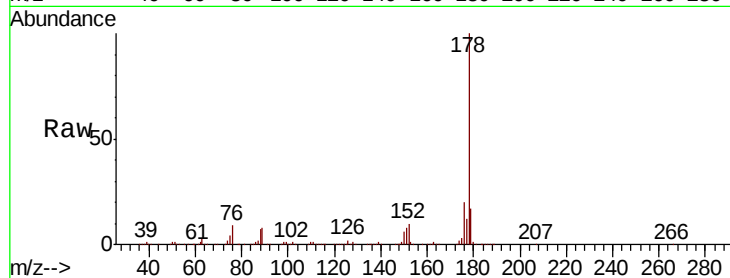




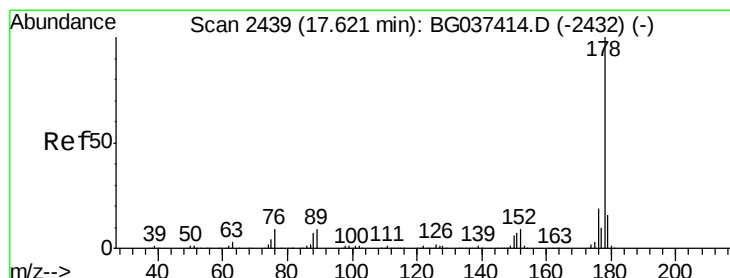
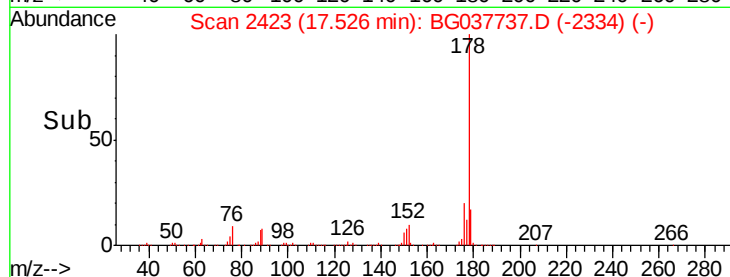
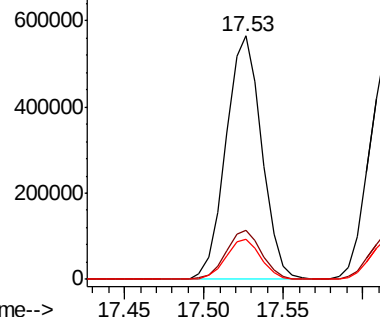
#71
Phenanthrene
Concen: 40.079 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 886506
Ion Ratio Lower Upper
178 100
176 20.3 16.1 24.1
179 16.5 13.0 19.4

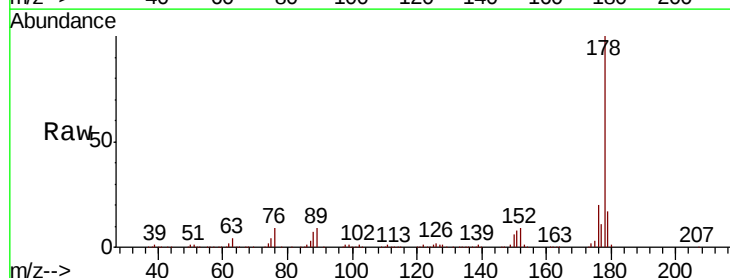


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

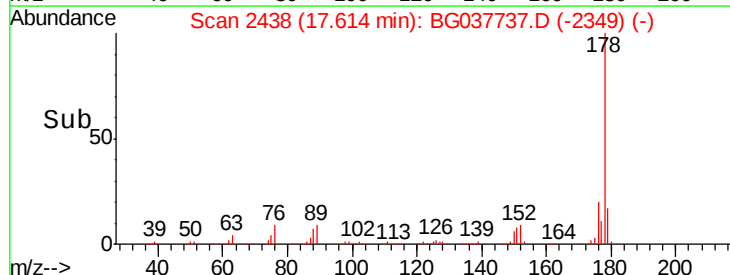
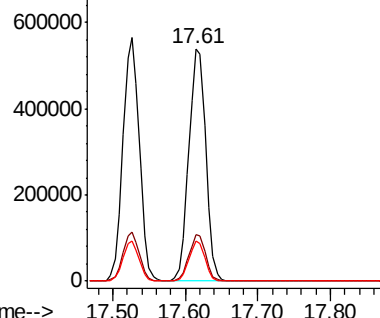


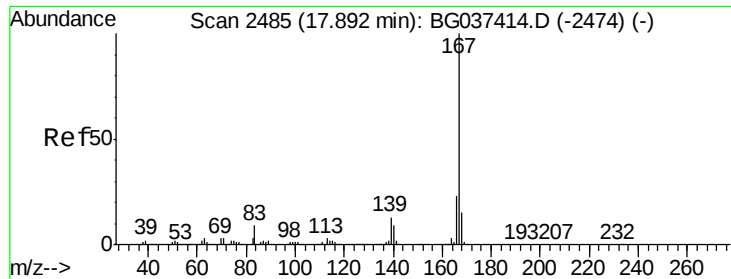
#72
Anthracene
Concen: 40.393 ng
RT: 17.61 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:178 Resp: 876791
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.4 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

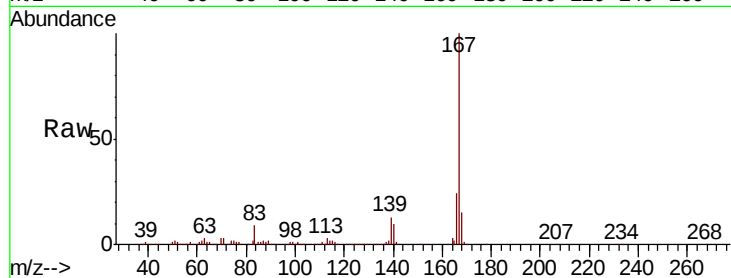




#73
 Carbazole
 Concen: 40.719 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.3	27.5
139	13.1	10.5	15.7

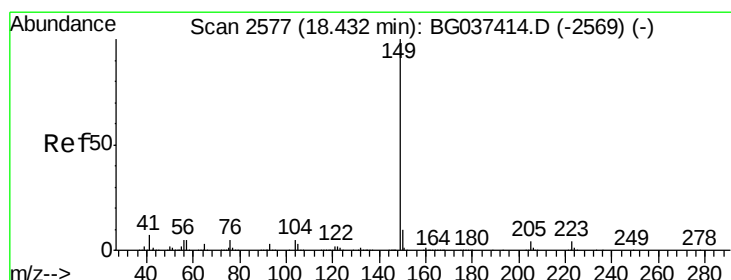
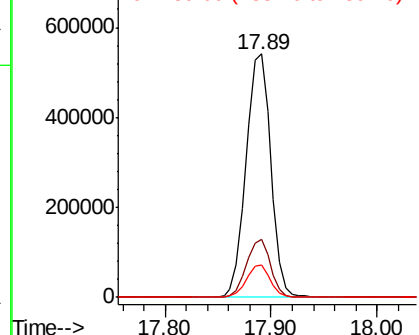
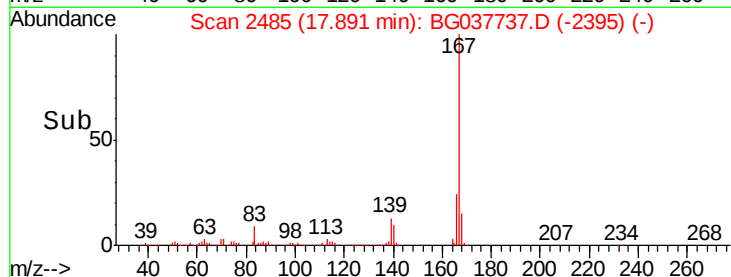


Abundance

Ion 167.00 (166.70 to 167.70): E

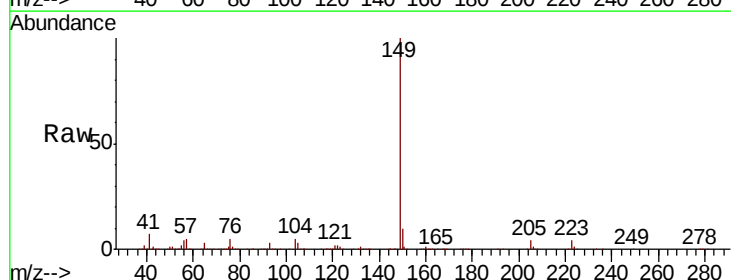
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 42.149 ng
 RT: 18.43 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	4.9	4.0	6.0

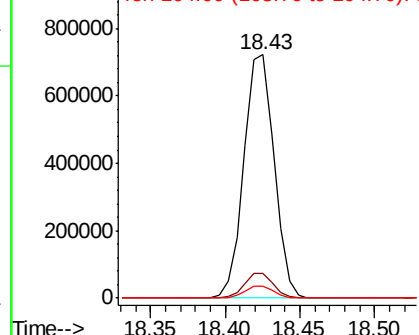
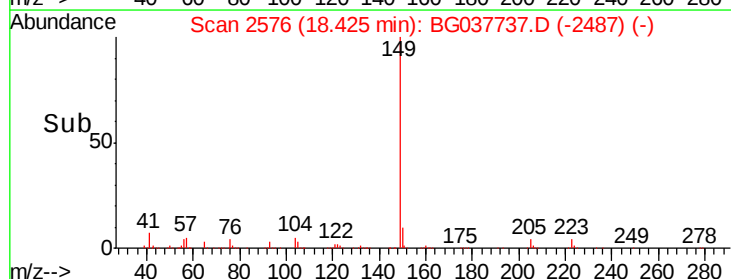


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.751 ng

RT: 19.53 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG037737.D

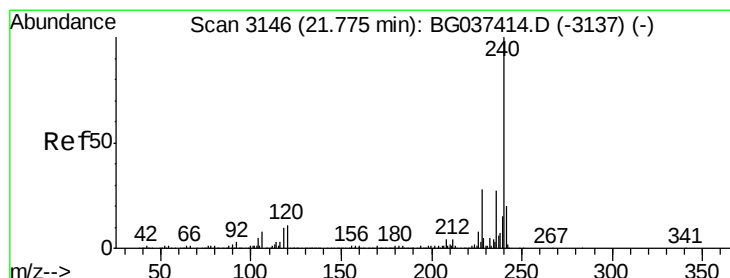
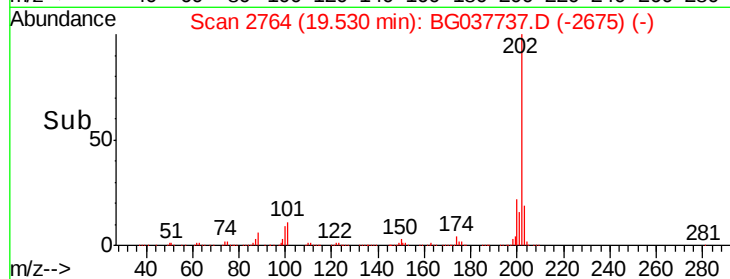
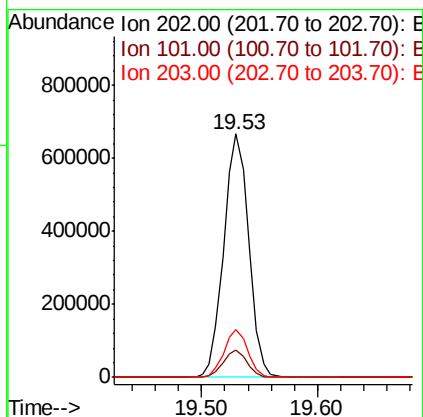
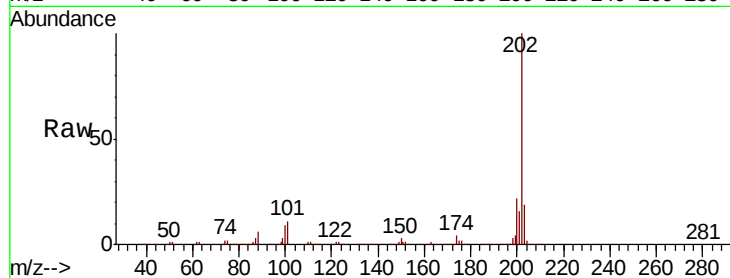
Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	997227
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.7
203	19.5	0.0	38.5



#76

Chrysene-d12

Concen: 20.000 ng

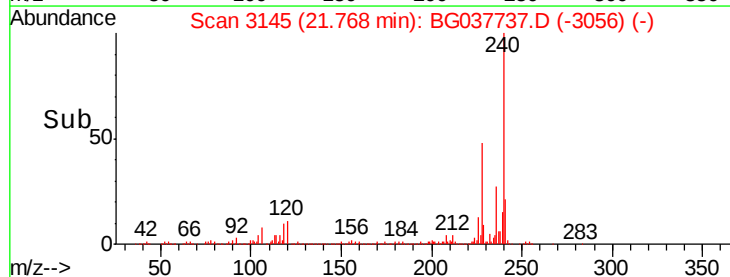
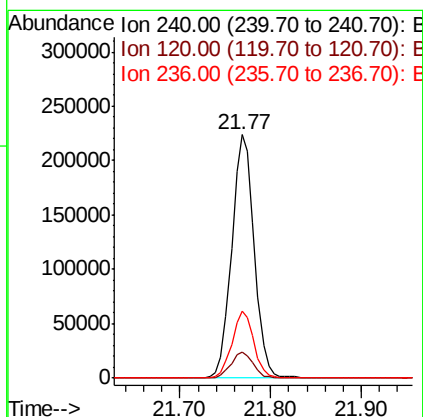
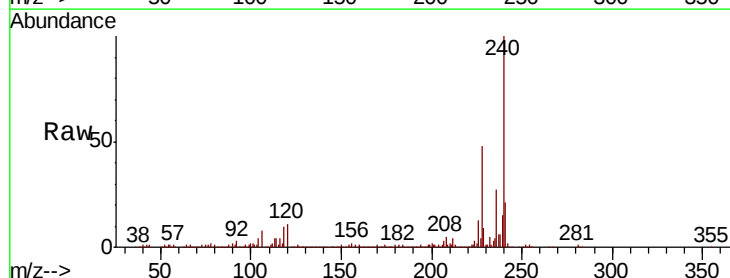
RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Tgt Ion:	240	Resp:	387482
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.1	12.1
236	27.5	21.4	32.0

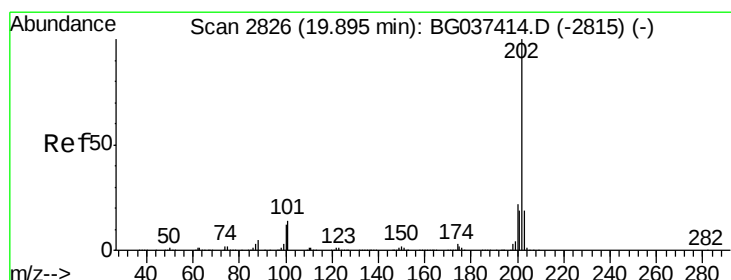
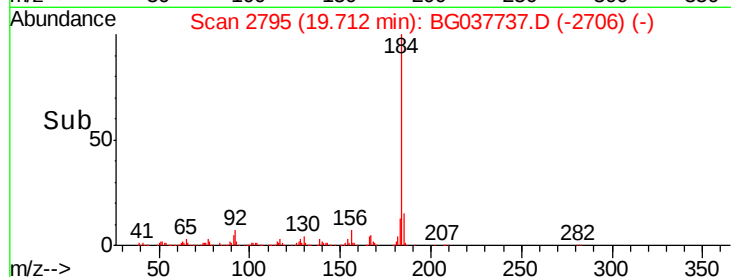
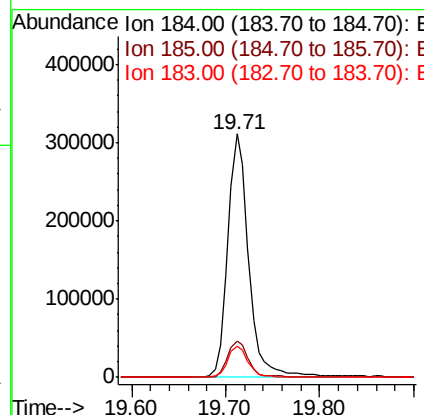
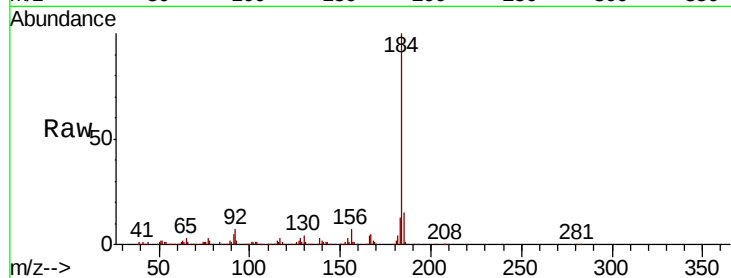




#77
Benzidine
Concen: 36.772 ng
RT: 19.71 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

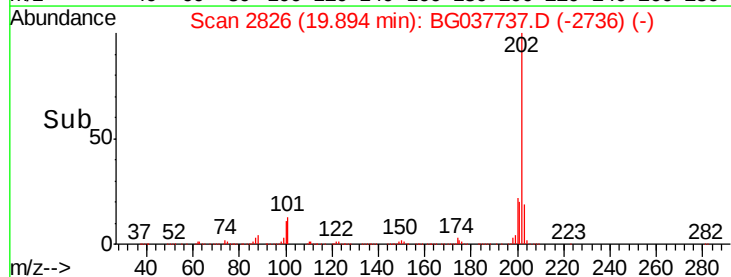
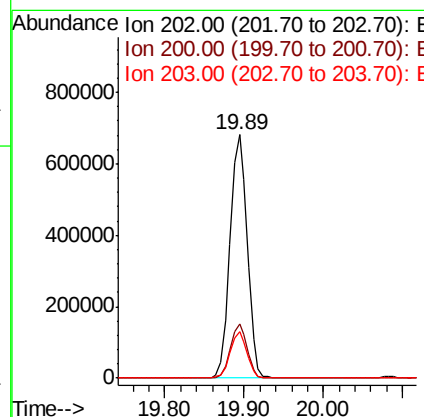
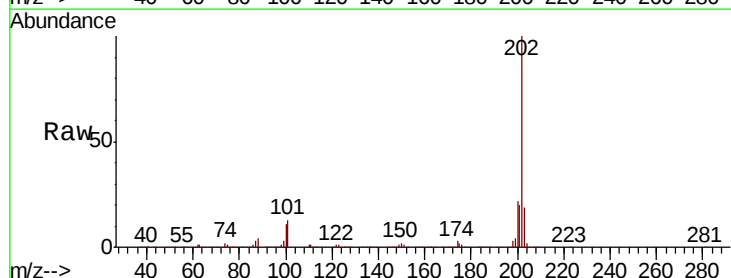
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 484482
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 12.7 10.2 15.2



#78
Pyrene
Concen: 40.404 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:202 Resp: 1023441
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.6
203 19.0 15.2 22.8





#79

Terphenyl-d14

Concen: 79.955 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampled :

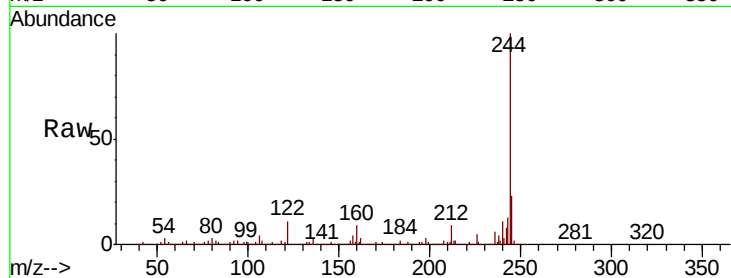
Tot Ion:244 Resp: 1449903

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

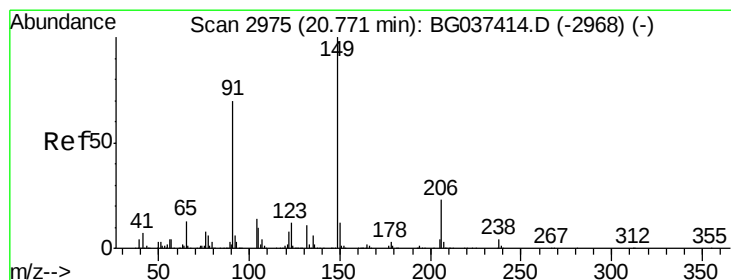
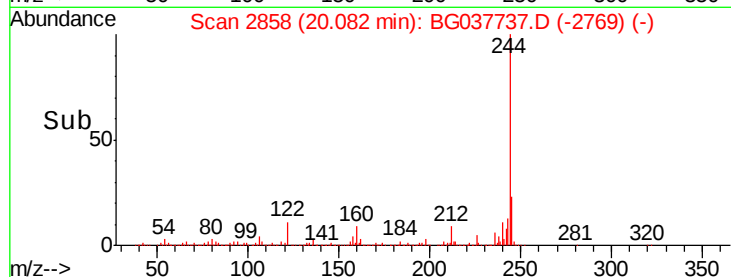
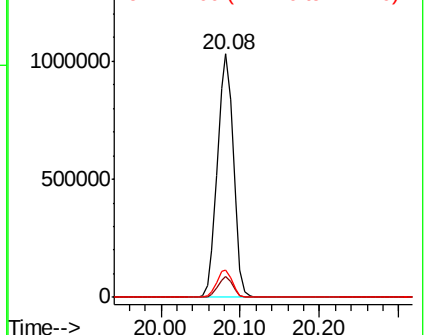
122 11.2 9.0 13.4



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: 43.710 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.01 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

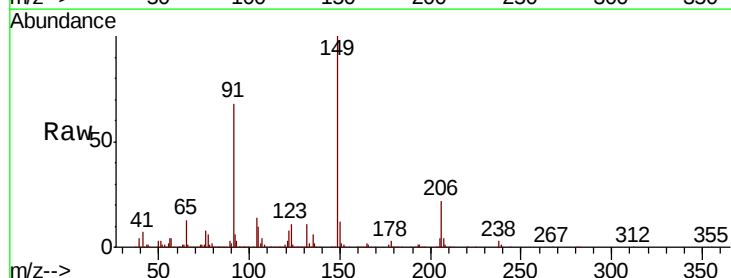
Tgt Ion:149 Resp: 453131

Ion Ratio Lower Upper

149 100

91 67.7 57.0 85.4

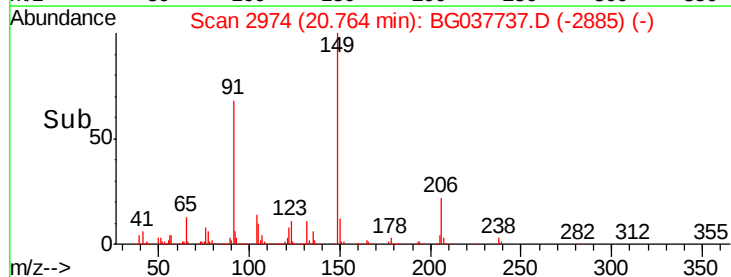
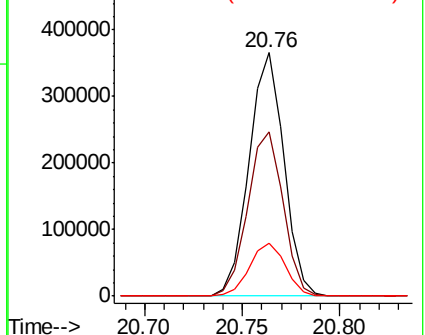
206 21.7 17.8 26.6

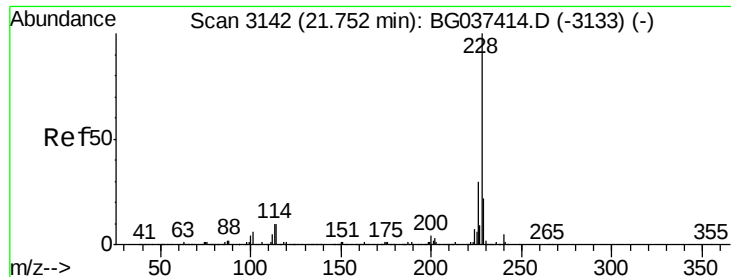


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

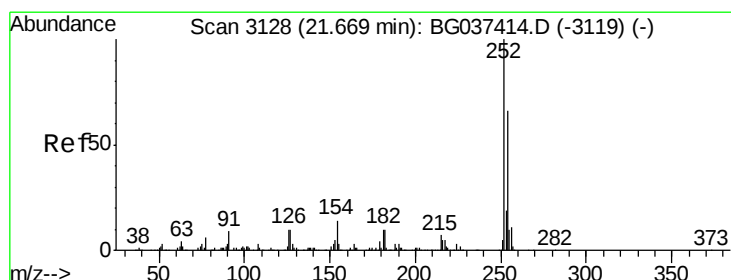
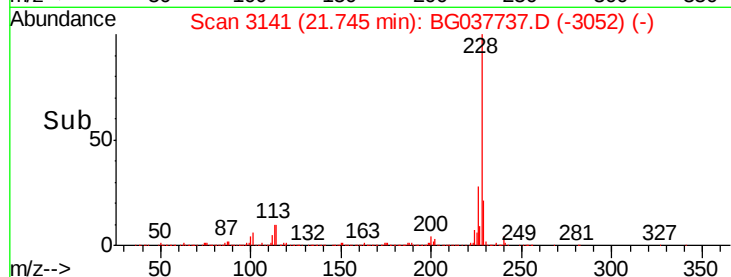
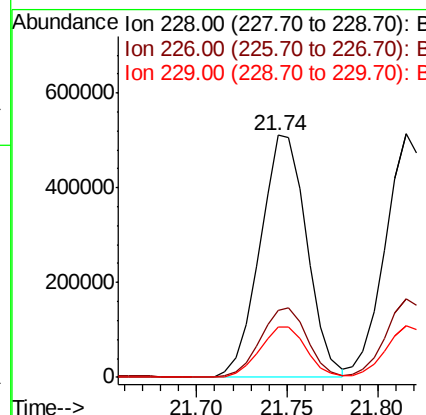
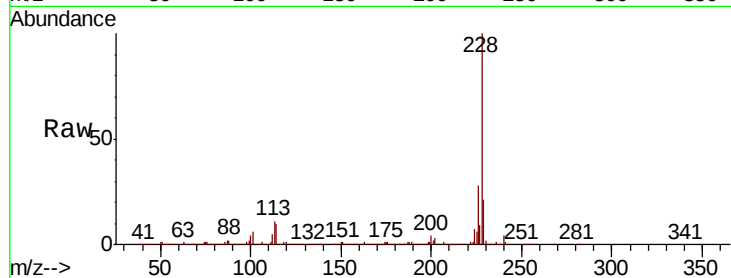




#81
Benzo(a)anthracene
Concen: 40.051 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

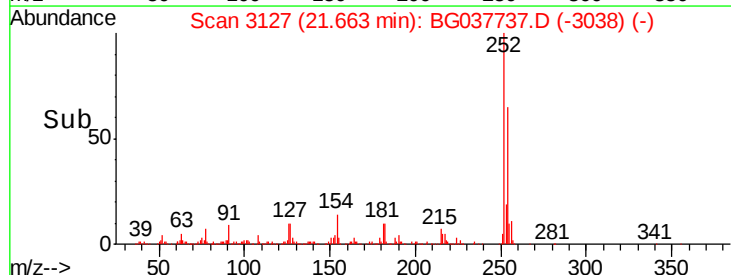
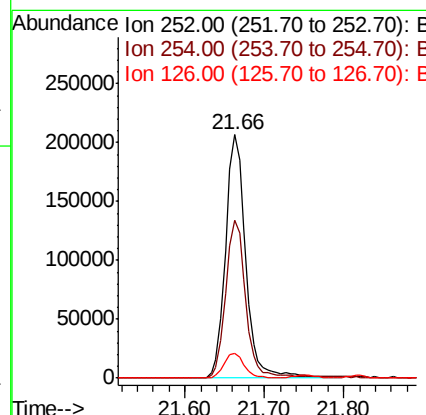
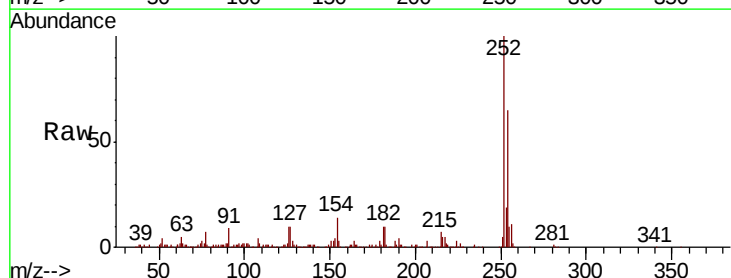
Instrument :
BNA_G
ClientSampleId :

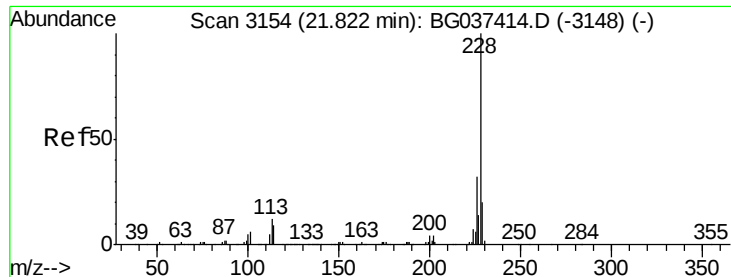
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	21.0	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 41.350 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	10.0	8.2	12.4

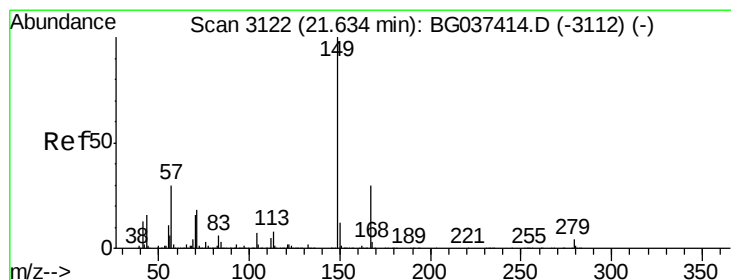
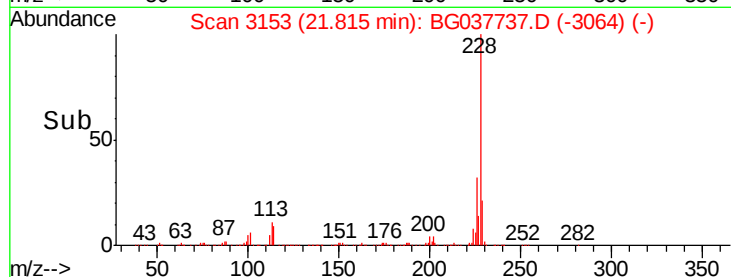
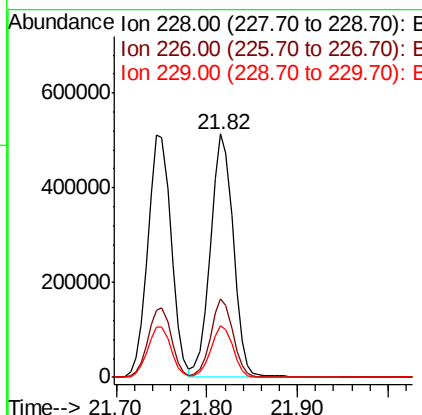
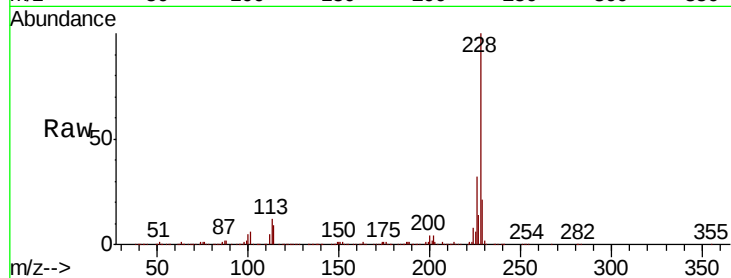




#83
 Chrysene
 Concen: 40.687 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

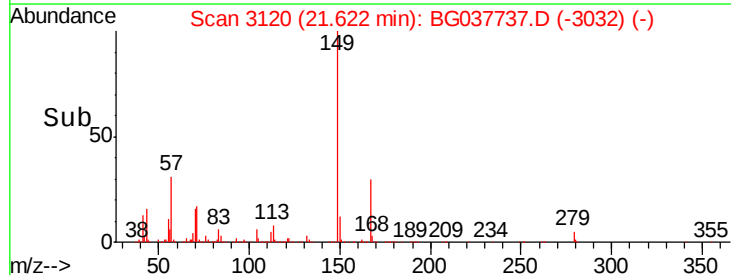
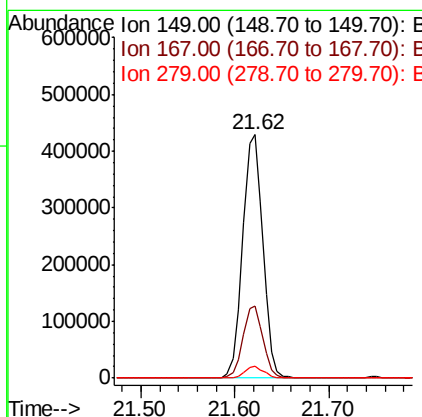
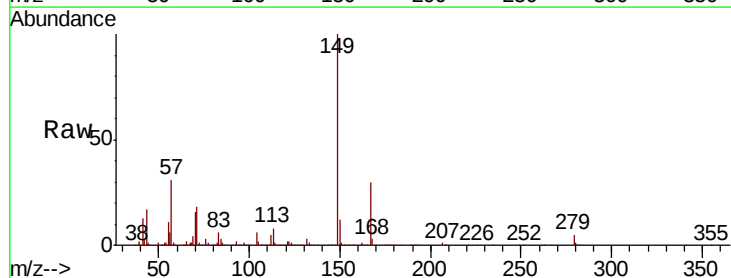
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	21.1	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.829 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG037737.D
 Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.0	34.4
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 44.539 ng

RT: 22.87 min Scan# 3332

Delta R.T. -0.02 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

Instrument :

BNA_G

ClientSampleId :

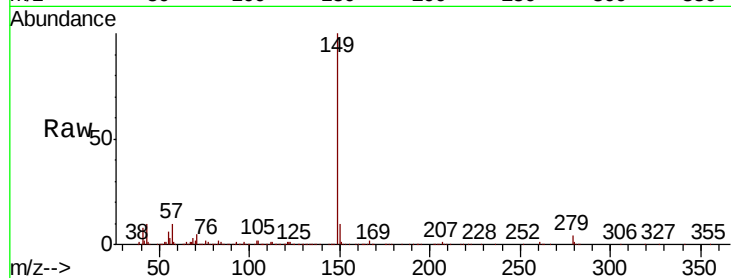
Tot Ion:149 Resp: 1055362

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

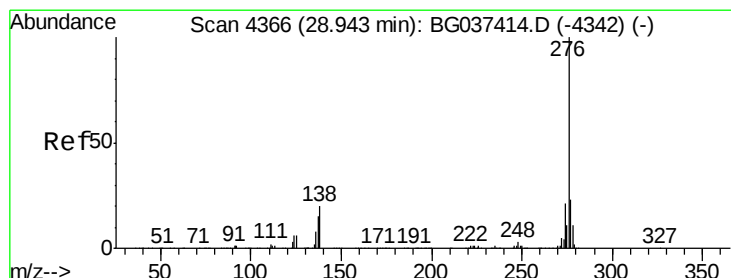
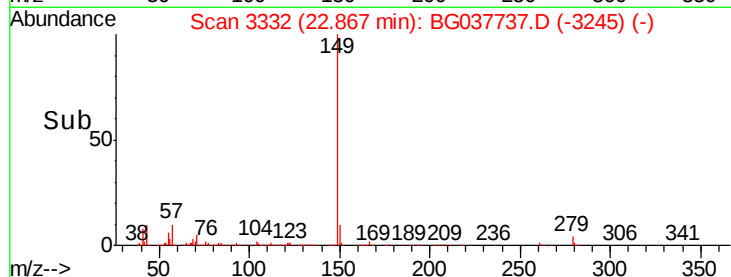
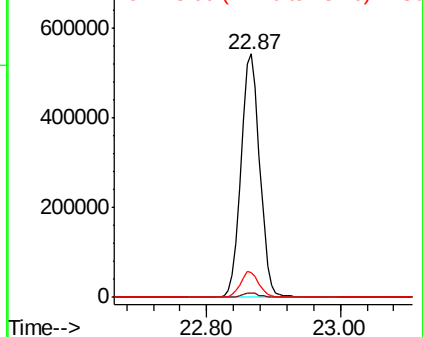
43 10.2 8.7 13.1



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: 35.255 ng

RT: 28.92 min Scan# 4363

Delta R.T. -0.02 min

Lab File: BG037737.D

Acq: 2 Nov 2018 2:59

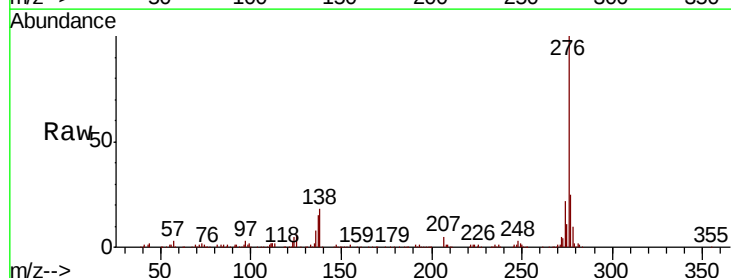
Tgt Ion:276 Resp: 833343

Ion Ratio Lower Upper

276 100

138 7.9 12.0 18.0#

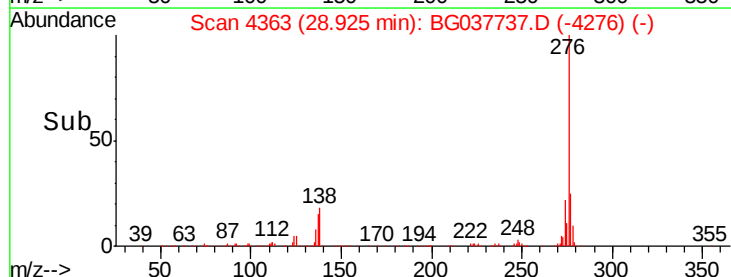
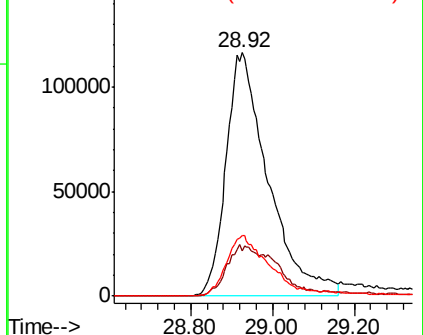
277 25.0 20.6 30.8

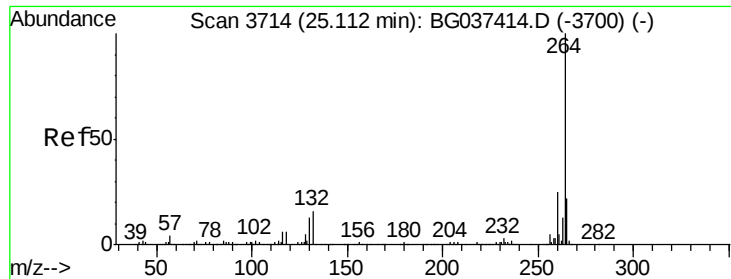


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



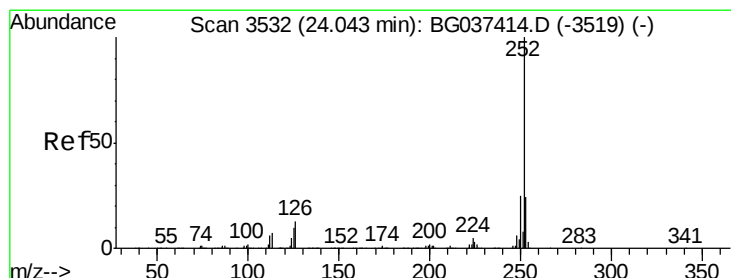
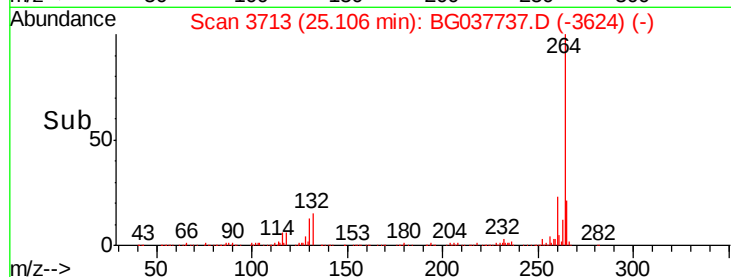
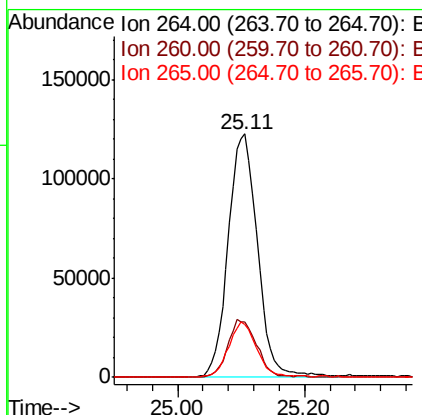
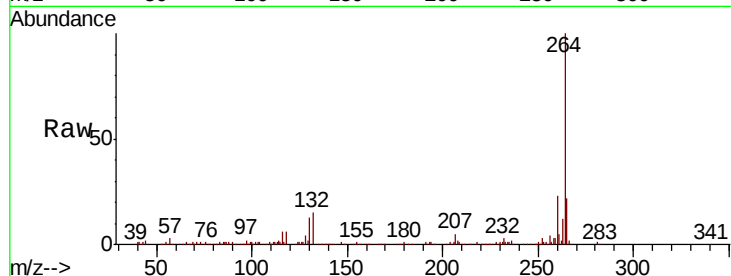


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 394886

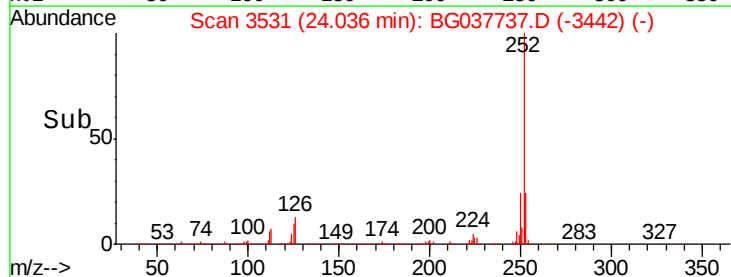
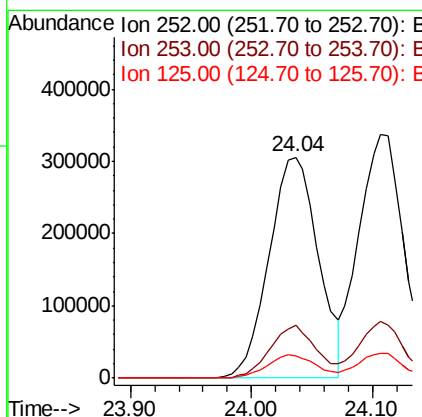
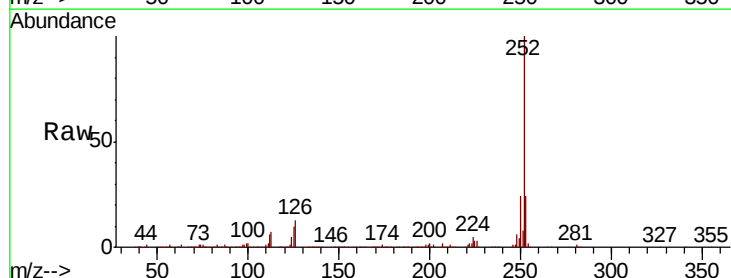
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.6	17.9	26.9

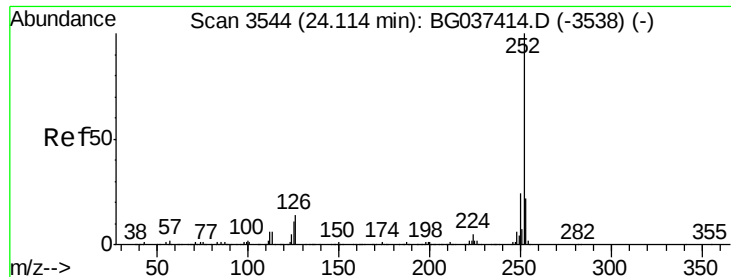


#88
Benzo(b)fluoranthene
Concen: 39.953 ng
RT: 24.04 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:252 Resp: 864956

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	10.0	7.8	11.6

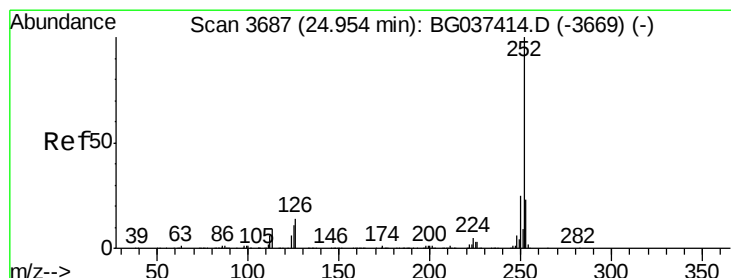
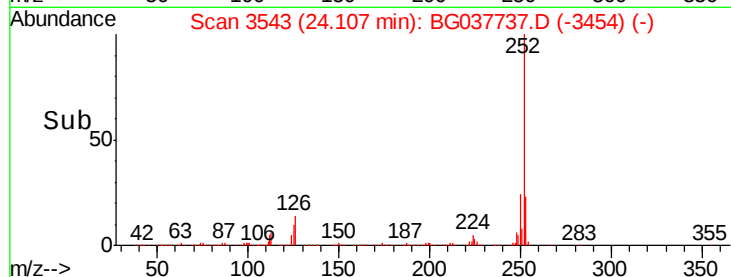
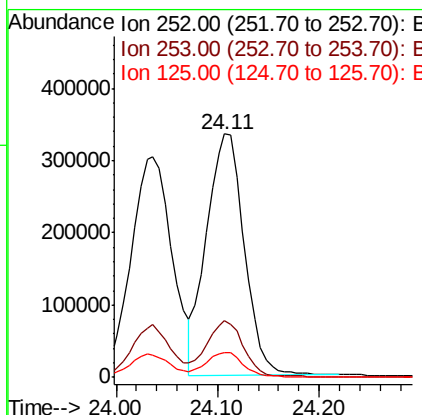
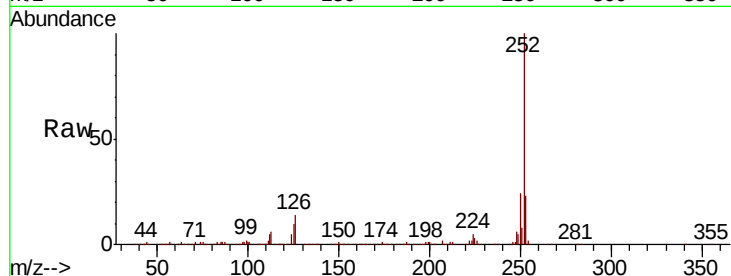




#89
Benzo(k)fluoranthene
Concen: 40.848 ng
RT: 24.11 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

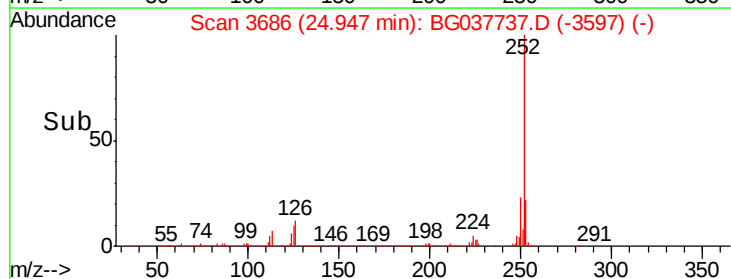
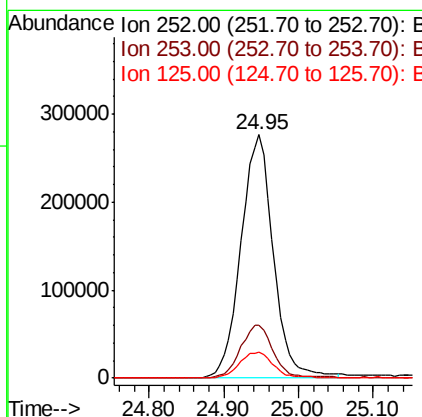
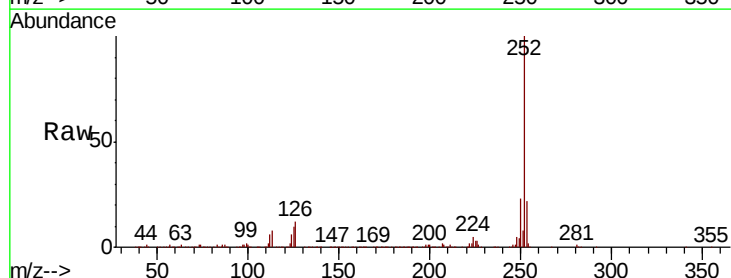
Instrument :
BNA_G
ClientSampled :

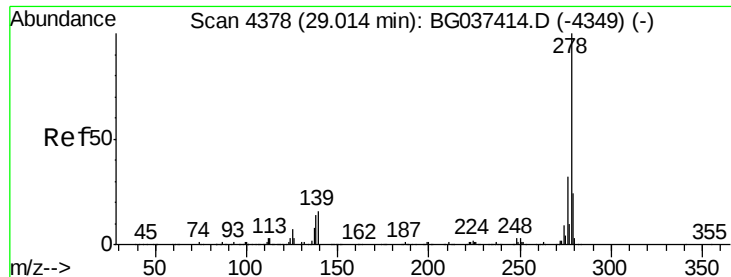
Tot Ion:252 Resp: 866401
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 10.4 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.408 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion:252 Resp: 831270
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.5 9.0 13.6

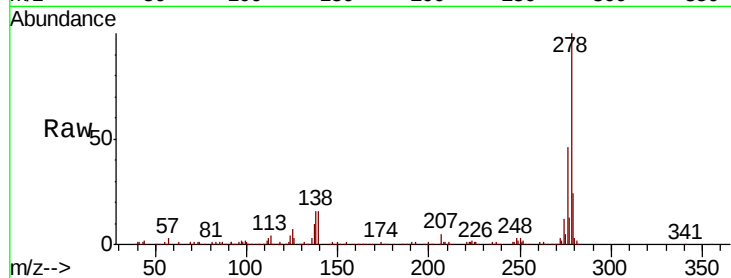




#91
Dibenzo(a,h)anthracene
Concen: 34.020 ng
RT: 29.00 min Scan# 4375
Delta R.T. -0.02 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	24.5	18.6	27.8

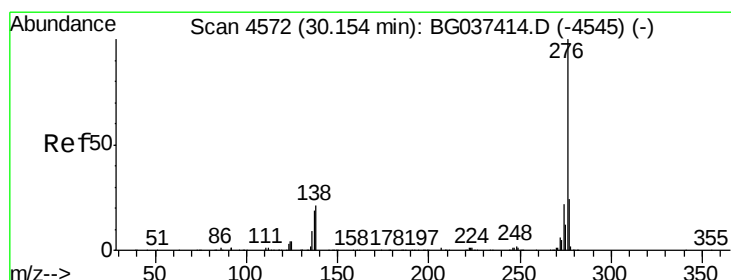
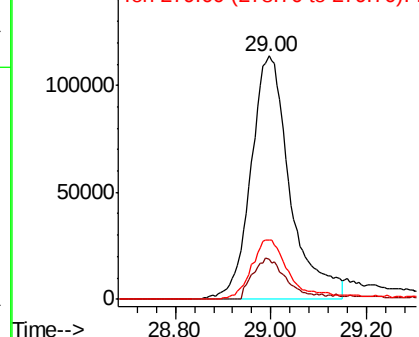
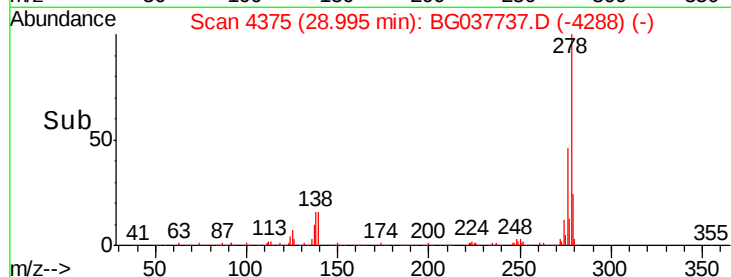


Abundance

Ion 278.00 (277.70 to 278.70): E

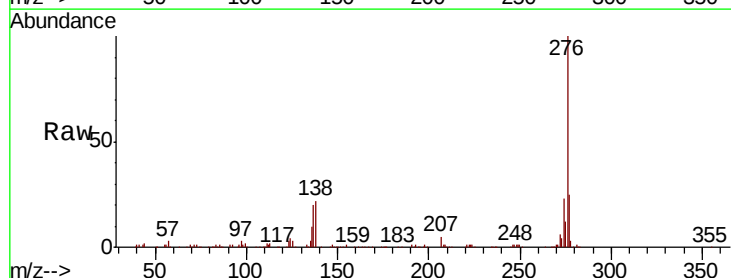
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.444 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.02 min
Lab File: BG037737.D
Acq: 2 Nov 2018 2:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	22.1	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

