

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110218\
 Data File : BG037756.D
 Acq On : 2 Nov 2018 16:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 03 02:27:40 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	63460	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	285606	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	182022	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	395404	20.00	ng	0.00
76) Chrysene-d12	21.77	240	360855	20.00	ng	0.00
87) Perylene-d12	25.09	264	367447	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	301040	79.31	ng	0.00
7) Phenol-d6	7.24	99	439361	76.55	ng	-0.01
23) Nitrobenzene-d5	9.28	82	412628	80.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159347	80.26	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	973753	80.67	ng	-0.01
79) Terphenyl-d14	20.08	244	1346319	79.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	72690	37.762	ng	98
3) Pyridine	3.93	79	182305	37.575	ng	94
4) n-Nitrosodimethylamine	3.86	42	64941	37.579	ng	91
6) Aniline	7.43	93	272064	38.855	ng	97
8) 2-Chlorophenol	7.66	128	177888	40.060	ng	98
9) Benzaldehyde	7.24	77	125466	34.945	ng	94
10) Phenol	7.27	94	231269	38.188	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	174801	38.004	ng	98
12) 1,3-Dichlorobenzene	7.99	146	199481	40.352	ng	98
13) 1,4-Dichlorobenzene	8.14	146	203072	40.159	ng	99
14) 1,2-Dichlorobenzene	8.46	146	193672	39.815	ng	98
15) Benzyl Alcohol	8.34	79	162502	38.316	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	315154	38.294	ng	96
17) 2-Methylphenol	8.53	107	153198	38.264	ng	98
18) Hexachloroethane	9.18	117	71461	41.452	ng	91
19) n-Nitroso-di-n-propylamine	8.90	70	146569	37.083	ng	96
20) 3+4-Methylphenols	8.86	107	218384	38.151	ng	98
22) Acetophenone	8.93	105	273789	38.223	ng	96
24) Nitrobenzene	9.32	77	212353	40.093	ng	93
25) Isophorone	9.84	82	358771	38.513	ng	96
26) 2-Nitrophenol	10.03	139	109053	45.705	ng	99
27) 2,4-Dimethylphenol	10.07	122	163495	38.378	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	234959	38.496	ng	95
29) 2,4-Dichlorophenol	10.56	162	190466	40.155	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	213592	41.408	ng	99
31) Naphthalene	10.97	128	562065	40.067	ng	99
32) Benzoic acid	10.19	122	108398	39.175	ng	99
33) 4-Chloroaniline	11.08	127	255397	38.748	ng	98
34) Hexachlorobutadiene	11.23	225	130283	42.616	ng	98
35) Caprolactam	11.87	113	73616	38.697	ng	92
36) 4-Chloro-3-methylphenol	12.18	107	204043	38.144	ng	99
37) 2-Methylnaphthalene	12.57	142	408056	39.904	ng	100
38) 1-Methylnaphthalene	12.79	142	390921	39.364	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	246577	41.998	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	123725	44.116	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	162419	41.408	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	169981	39.802	ng	98
46) 1,1'-Biphenyl	13.57	154	608510	40.367	ng	99
47) 2-Chloronaphthalene	13.61	162	461411	40.458	ng	98
48) 2-Nitroaniline	13.83	65	139822	40.429	ng	90
49) Acenaphthylene	14.46	152	683782	39.858	ng	99
50) Dimethylphthalate	14.18	163	548017	38.917	ng	100
51) 2,6-Dinitrotoluene	14.31	165	125198	40.190	ng	94
52) Acenaphthene	14.80	154	413943	39.179	ng	98
53) 3-Nitroaniline	14.65	138	136105	39.357	ng	# 93
54) 2,4-Dinitrophenol	14.85	184	37624	41.072	ng	96
55) Dibenzofuran	15.13	168	672528	38.419	ng	99
56) 4-Nitrophenol	14.94	139	90649	35.413	ng	95
57) 2,4-Dinitrotoluene	15.09	165	170619	41.725	ng	96
58) Fluorene	15.78	166	505422	38.556	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	139187	38.065	ng	99
60) Diethylphthalate	15.54	149	556691	38.507	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	300089	39.275	ng	97
62) 4-Nitroaniline	15.81	138	134410	39.115	ng	88
63) Azobenzene	16.06	77	517332	37.505	ng	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	86794	42.924	ng	95
66) n-Nitrosodiphenylamine	15.98	169	493384	41.482	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	178651	41.143	ng	98
68) Hexachlorobenzene	16.78	284	180966	40.212	ng	97
69) Atrazine	16.92	200	167936	39.053	ng	97
70) Pentachlorophenol	17.12	266	120703	40.042	ng	96
71) Phenanthrene	17.52	178	803925	40.005	ng	99
72) Anthracene	17.62	178	798901	40.510	ng	98
73) Carbazole	17.89	167	798865	40.496	ng	99
74) Di-n-butylphthalate	18.42	149	901932	41.101	ng	100
75) Fluoranthene	19.53	202	915818	40.181	ng	100
77) Benzidine	19.71	184	420149	34.242	ng	99
78) Pyrene	19.89	202	930341	39.439	ng	100
80) Butylbenzylphthalate	20.76	149	408101	42.271	ng	98
81) Benzo(a)anthracene	21.75	228	854791	40.048	ng	99
82) 3,3'-Dichlorobenzidine	21.66	252	334776	40.465	ng	99
83) Chrysene	21.82	228	824640	40.179	ng	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	576014	42.565	ng	99
85) Di-n-octyl phthalate	22.86	149	956131	43.328	ng	97
86) Indeno(1,2,3-cd)pyrene	28.92	276	744388	33.815	ng	# 93
88) Benzo(b)fluoranthene	24.03	252	788015	39.118	ng	99
89) Benzo(k)fluoranthene	24.10	252	834482	42.281	ng	98
90) Benzo(a)pyrene	24.94	252	759250	39.664	ng	98
91) Dibenzo(a,h)anthracene	28.99	278	567111	32.118	ng	98
92) Benzo(g,h,i)perylene	30.12	276	581646	32.560	ng	98

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

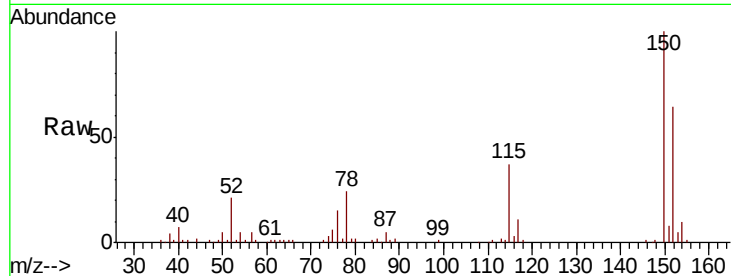


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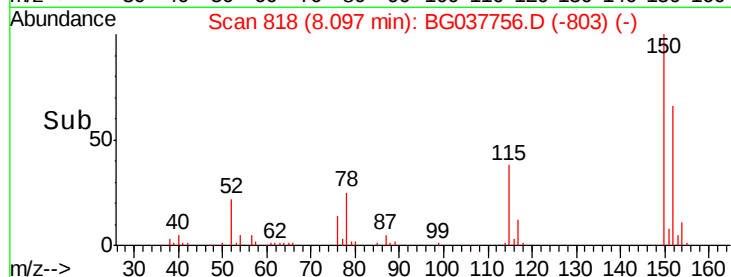
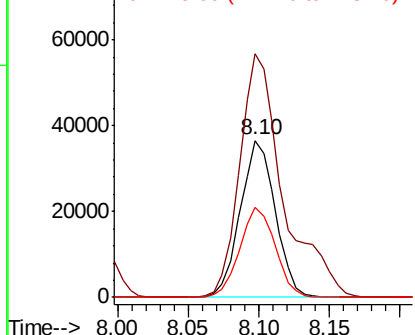
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 63460
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 57.3 45.5 68.3



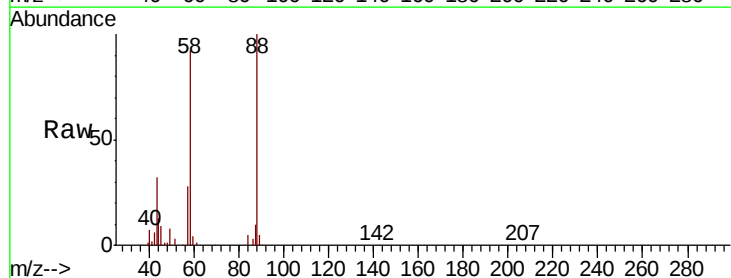
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



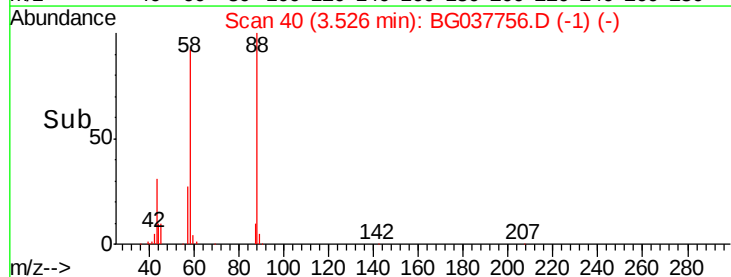
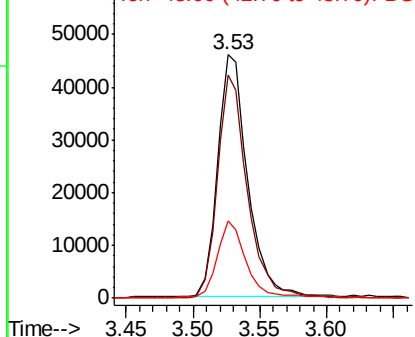
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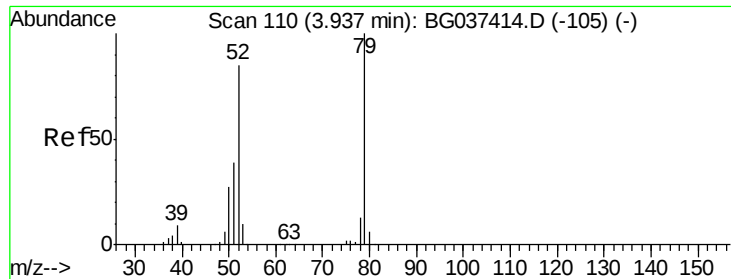
1,4-Dioxane
Concen: 37.762 ng
RT: 3.53 min Scan# 40
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion: 88 Resp: 72690
Ion Ratio Lower Upper
88 100
58 91.5 74.4 111.6
43 31.5 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



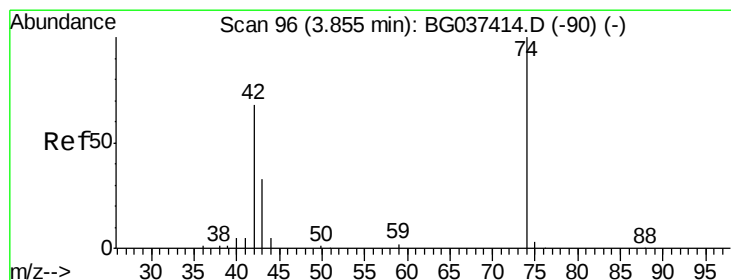
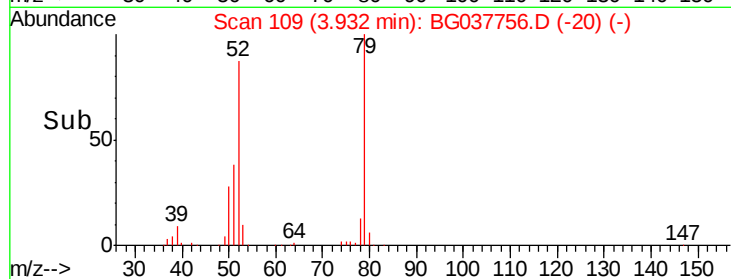
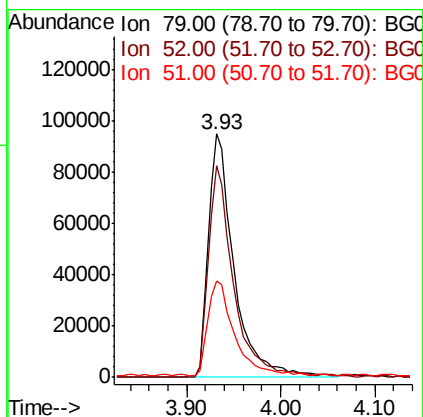
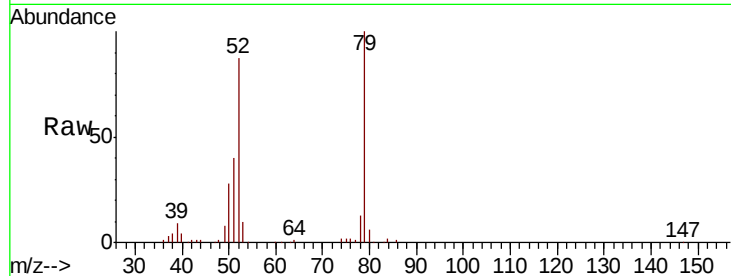


#3
Pvridine
Concen: 37.575 ng
RT: 3.93 min Scan# 109
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 182305

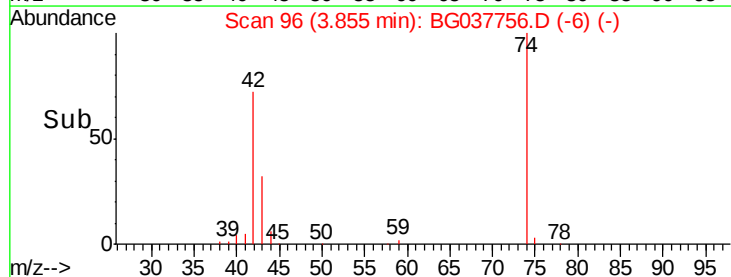
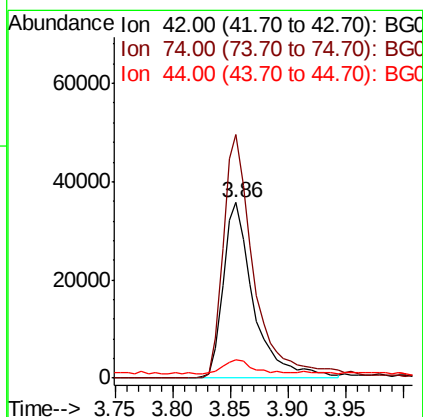
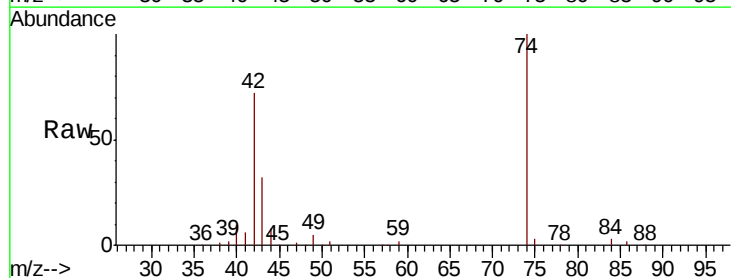
Ion	Ratio	Lower	Upper
79	100		
52	86.8	74.2	111.2
51	39.8	34.6	51.8

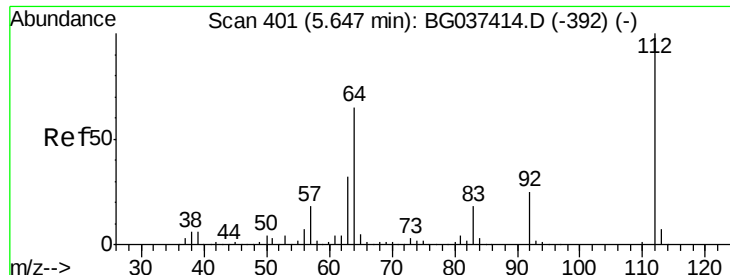


#4
n-Nitrosodimethylamine
Concen: 37.579 ng
RT: 3.86 min Scan# 96
Delta R.T. 0.00 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion: 42 Resp: 64941

Ion	Ratio	Lower	Upper
42	100		
74	138.9	102.0	153.0
44	10.8	9.6	14.4





#5

2-Fluorophenol

Concen: 79.309 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

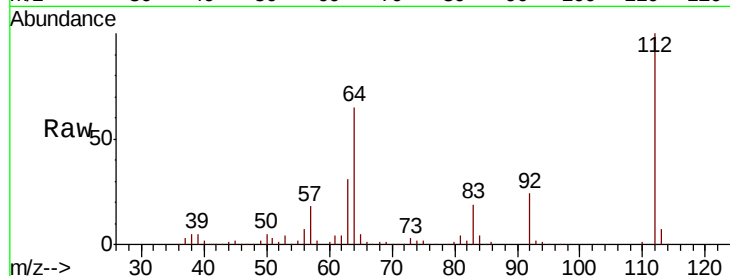
Tot Ion:112 Resp: 301040

Ion Ratio Lower Upper

112 100

64 65.0 53.1 79.7

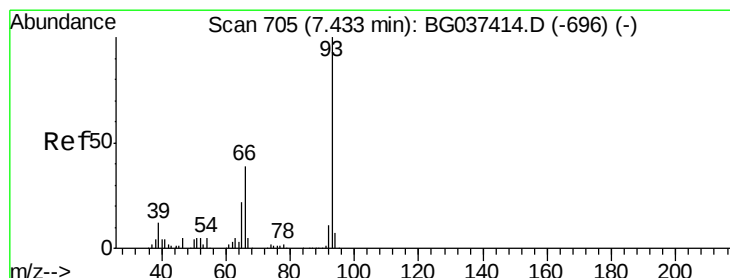
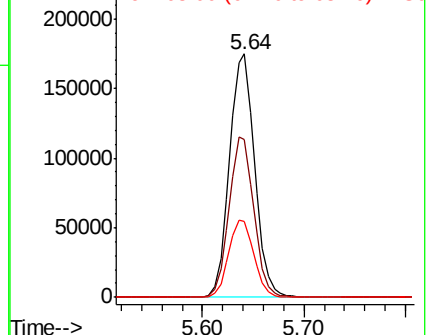
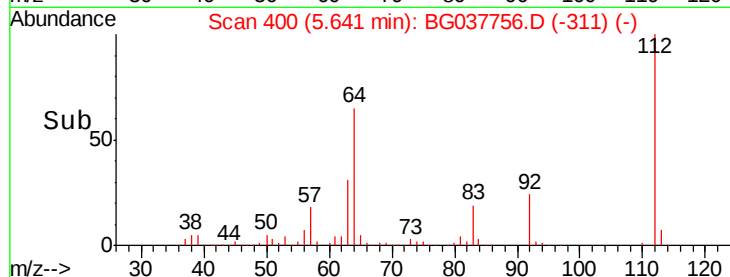
63 31.3 27.3 40.9



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: 38.855 ng

RT: 7.43 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

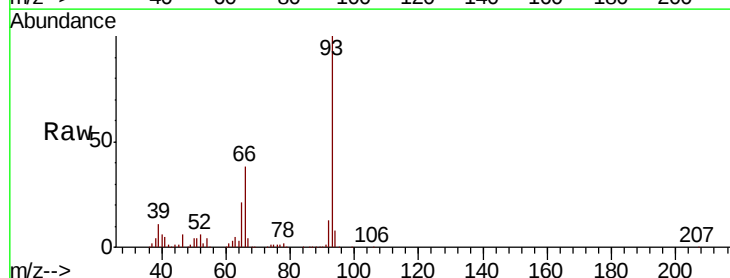
Tgt Ion: 93 Resp: 272064

Ion Ratio Lower Upper

93 100

66 38.3 32.8 49.2

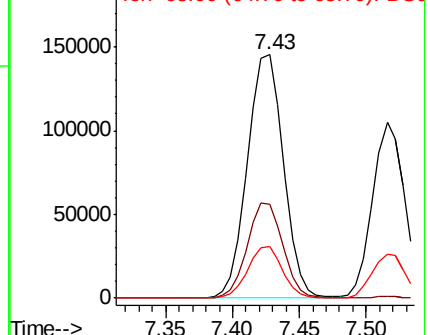
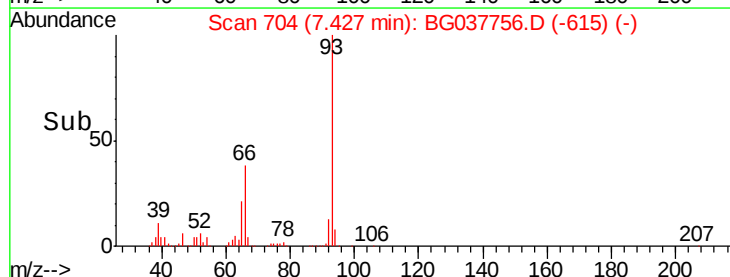
65 21.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.548 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

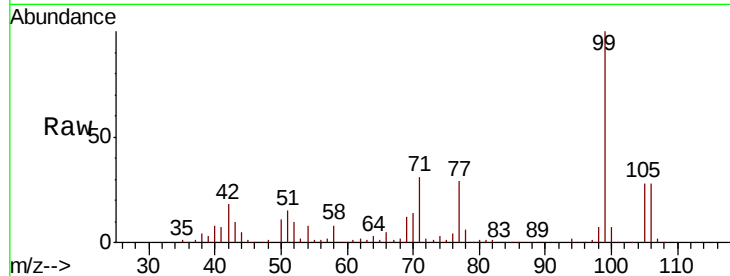
Tot Ion: 99 Resp: 439361

Ion Ratio Lower Upper

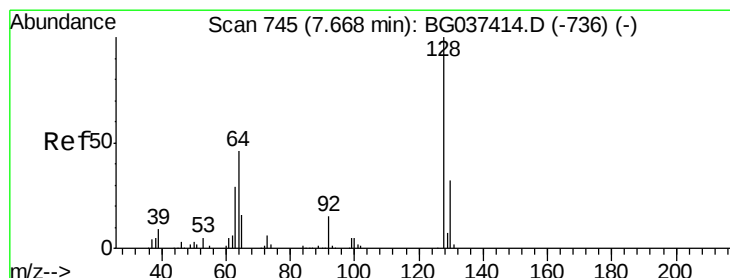
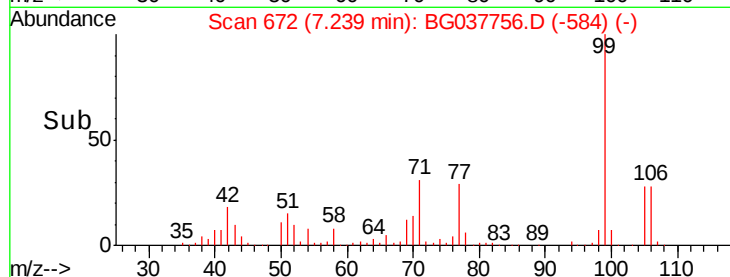
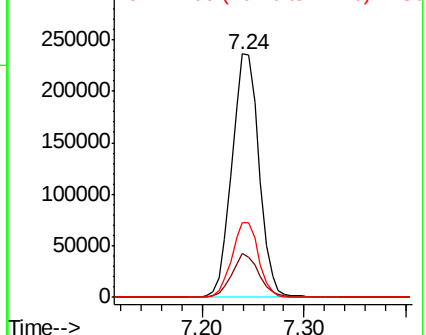
99 100

42 17.9 15.0 22.4

71 30.6 25.5 38.3



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



#8

2-Chlorophenol

Concen: 40.060 ng

RT: 7.66 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

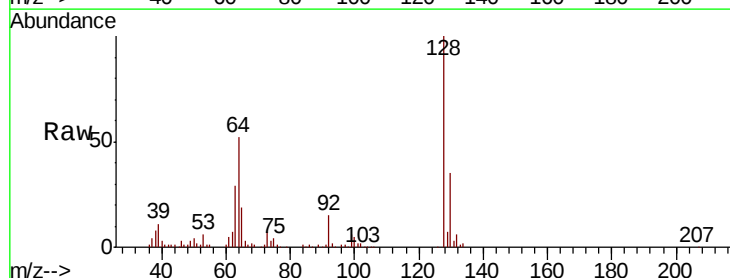
Tgt Ion:128 Resp: 177888

Ion Ratio Lower Upper

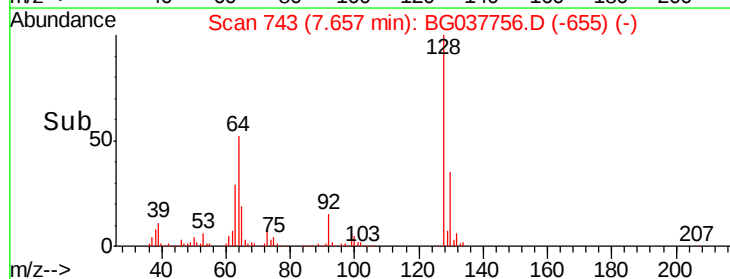
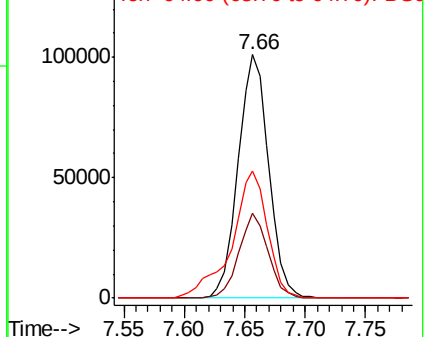
128 100

130 34.7 12.0 52.0

64 52.2 32.9 72.9



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





#9

Benzaldehyde

Concen: 34.945 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

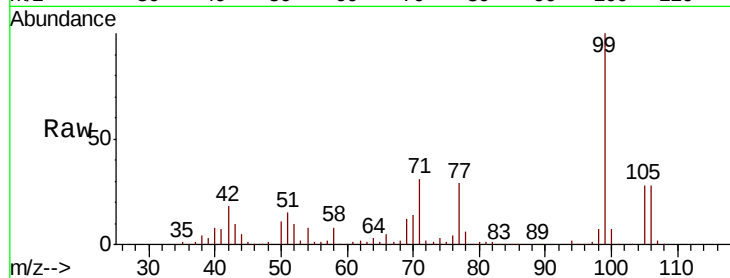
Tot Ion: 77 Resp: 125466

Ion Ratio Lower Upper

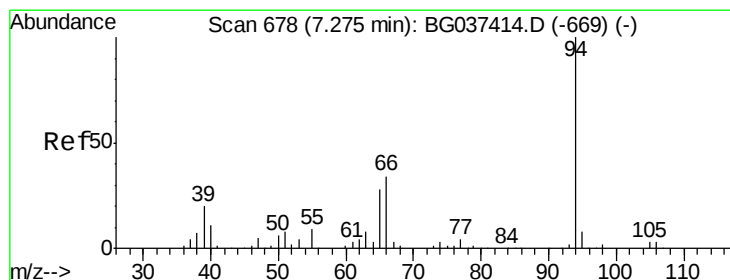
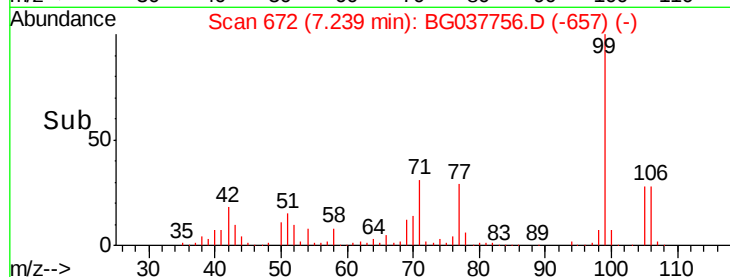
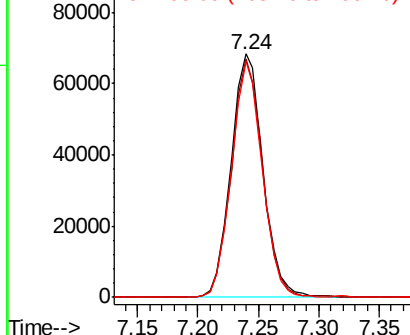
77 100

105 98.1 72.6 112.6

106 97.1 71.3 111.3



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



#10

Phenol

Concen: 38.188 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

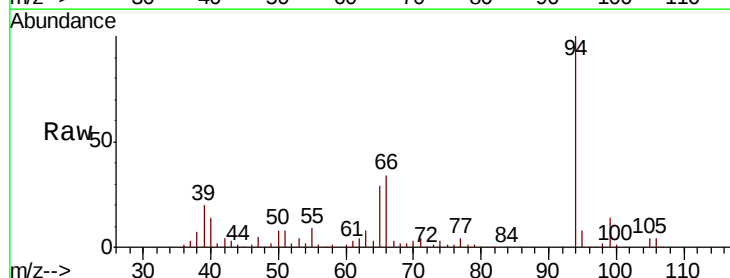
Tgt Ion: 94 Resp: 231269

Ion Ratio Lower Upper

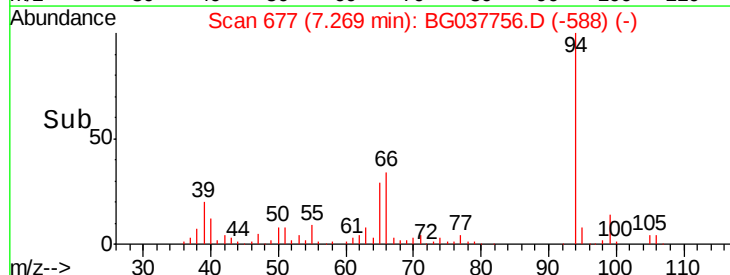
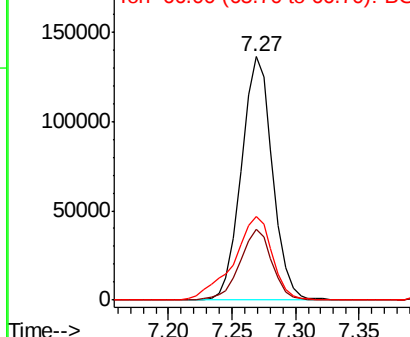
94 100

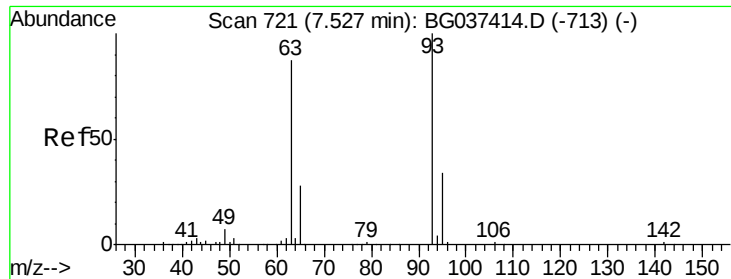
65 29.3 9.7 49.7

66 34.3 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: 38.004 ng

RT: 7.52 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

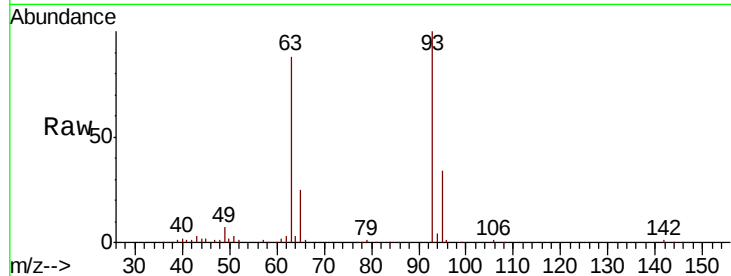
Tot Ion: 93 Resp: 174801

Ion Ratio Lower Upper

93 100

63 87.6 69.5 109.5

95 34.5 12.6 52.6

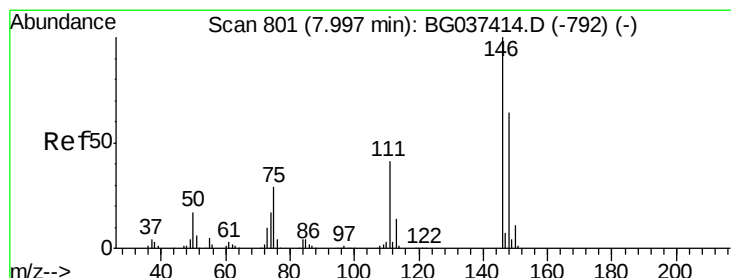
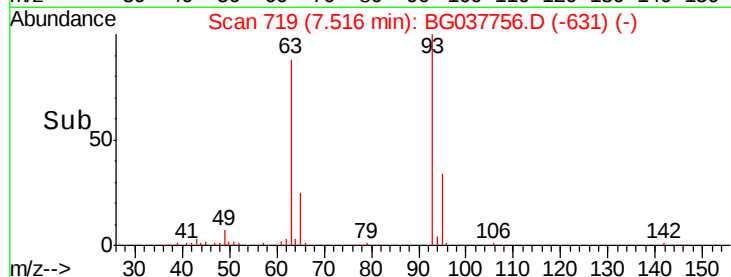
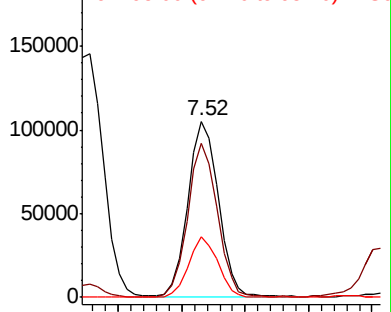


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 40.352 ng

RT: 7.99 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

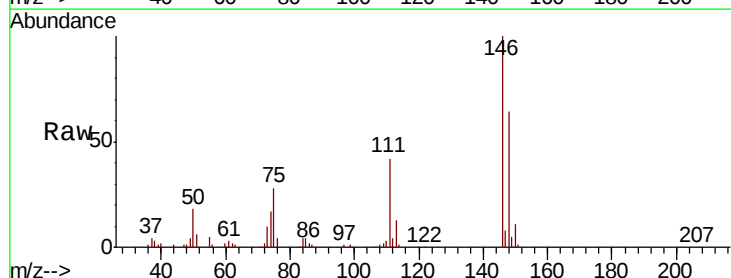
Tgt Ion: 146 Resp: 199481

Ion Ratio Lower Upper

146 100

148 63.5 49.8 74.8

75 27.5 23.2 34.8

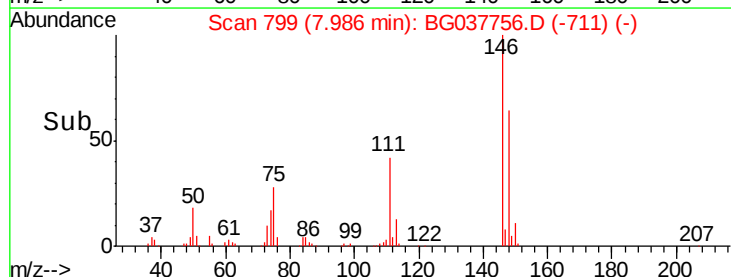
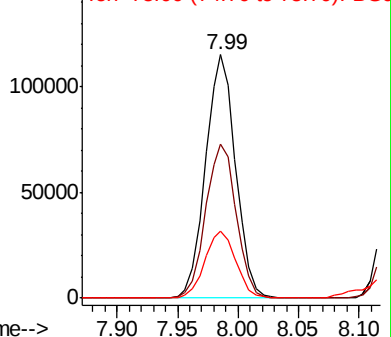


Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

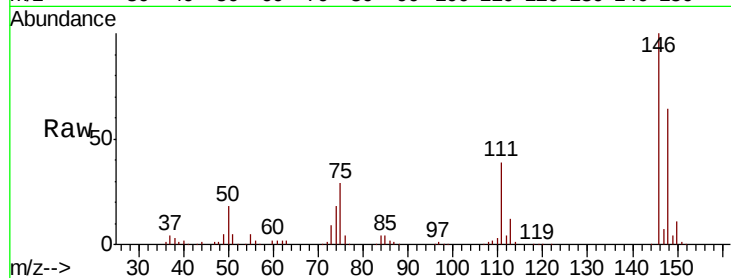




#13
 1,4-Dichlorobenzene
 Concen: 40.159 ng
 RT: 8.14 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.6
111	39.4	32.4	48.6

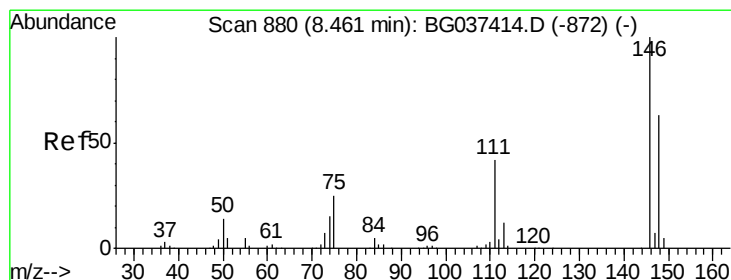
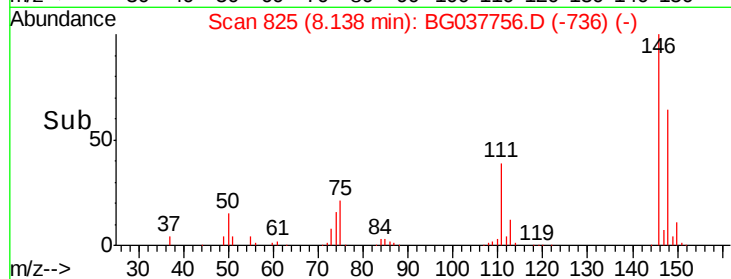
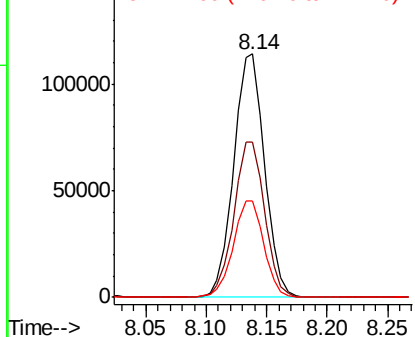


Abundance

Ion 146.00 (145.70 to 146.70): E

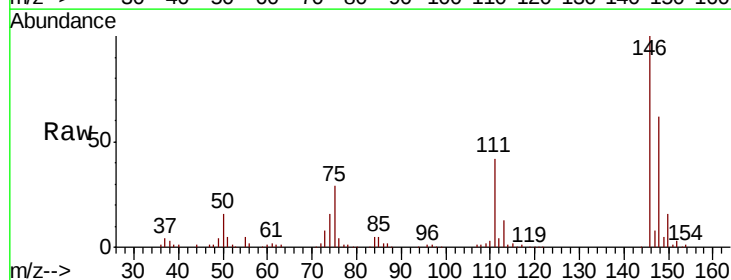
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.815 ng
 RT: 8.46 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.4	75.6
111	41.9	34.6	51.8

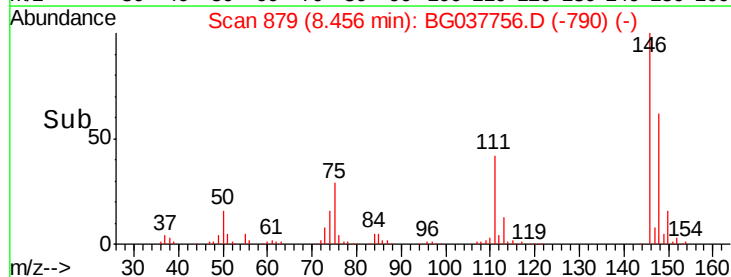
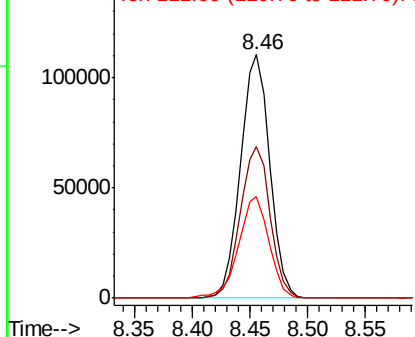


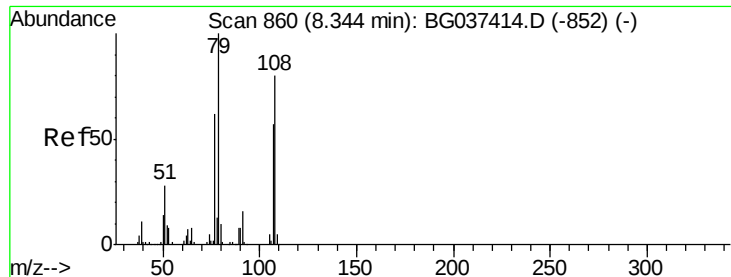
Abundance

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: 38.316 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

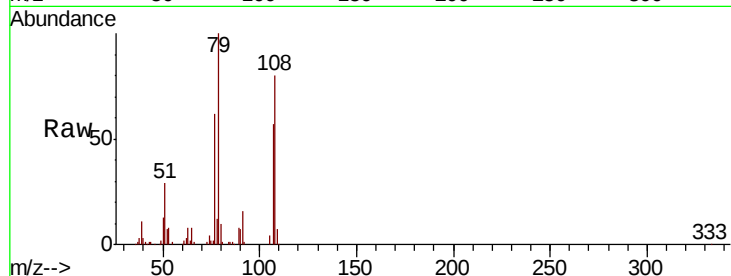
Tot Ion: 79 Resp: 162502

Ion Ratio Lower Upper

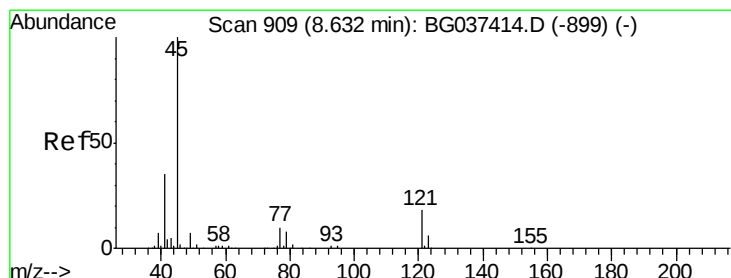
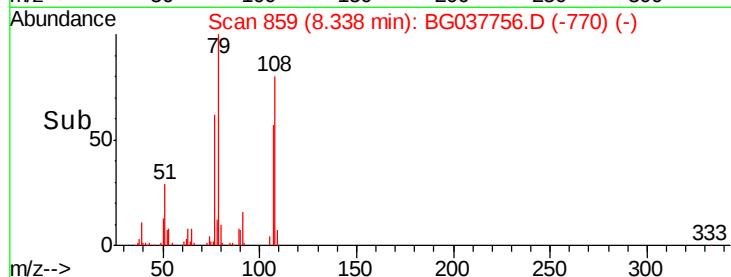
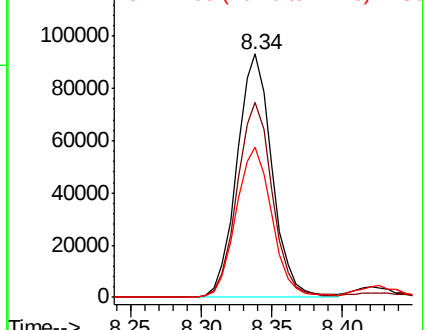
79 100

108 80.2 65.8 98.8

77 61.7 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: 38.294 ng

RT: 8.62 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

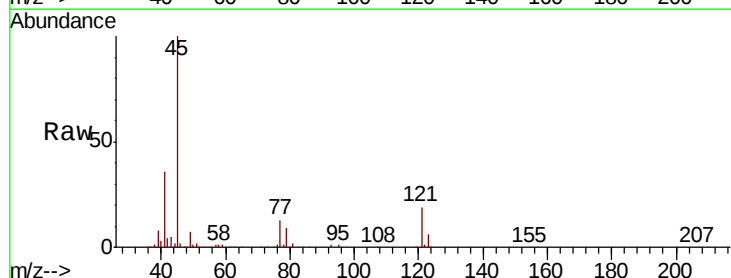
Tgt Ion: 45 Resp: 315154

Ion Ratio Lower Upper

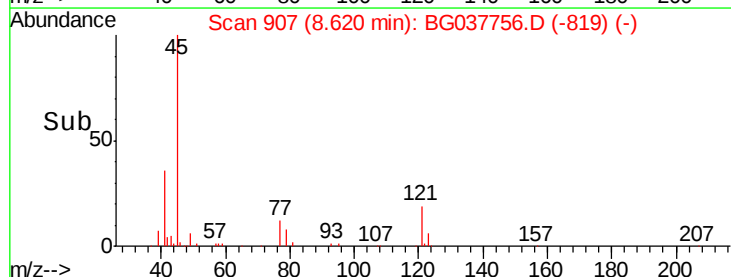
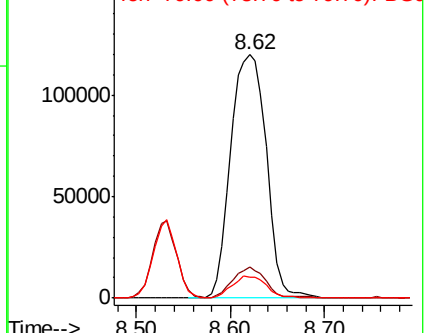
45 100

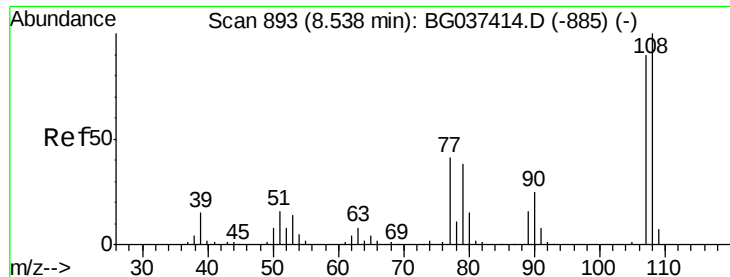
77 12.8 0.0 30.0

79 8.7 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

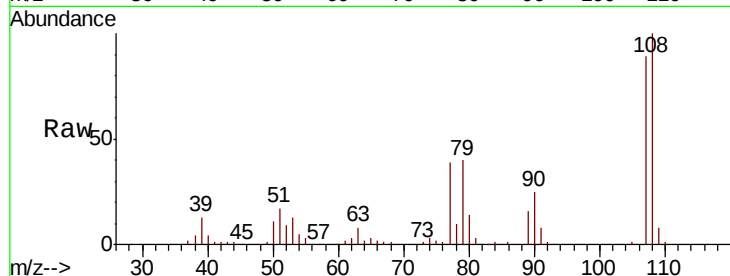




#17
2-Methylphenol
Concen: 38.264 ng
RT: 8.53 min Scan# 892
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	87.9	131.9
77	44.3	35.1	52.7
79	44.8	34.5	51.7



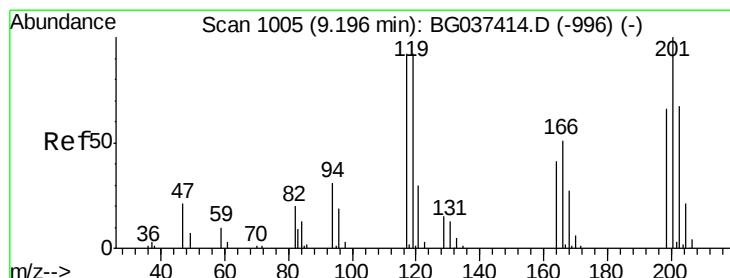
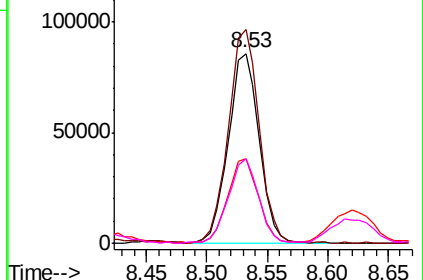
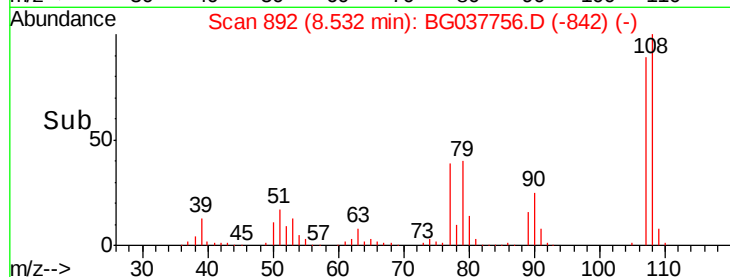
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

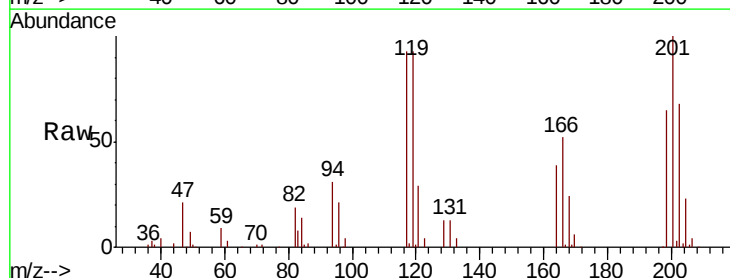
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.452 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.6	74.6	111.8
201	110.9	80.8	121.2

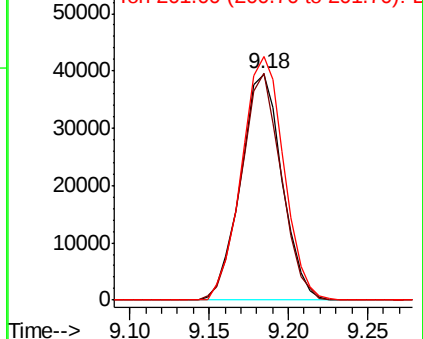
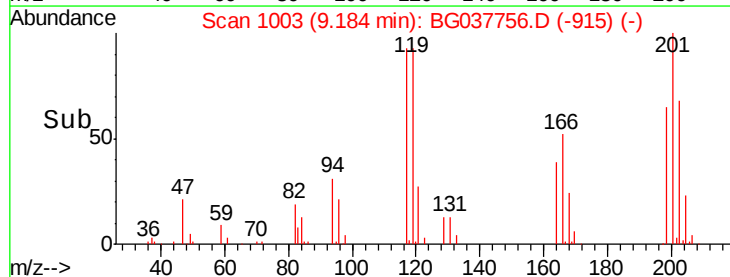


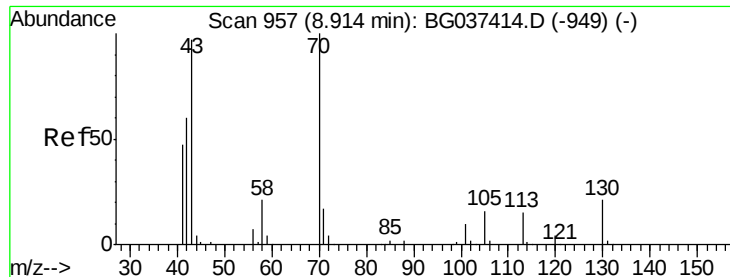
Abundance

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

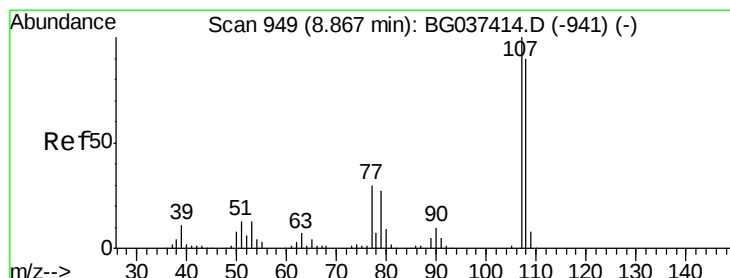
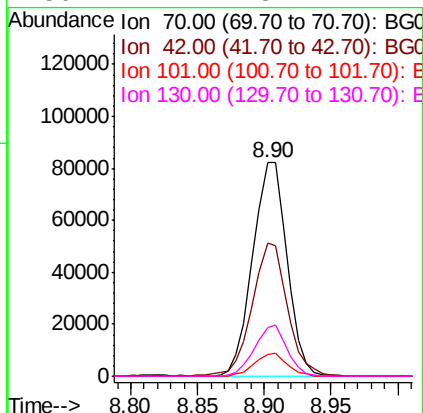
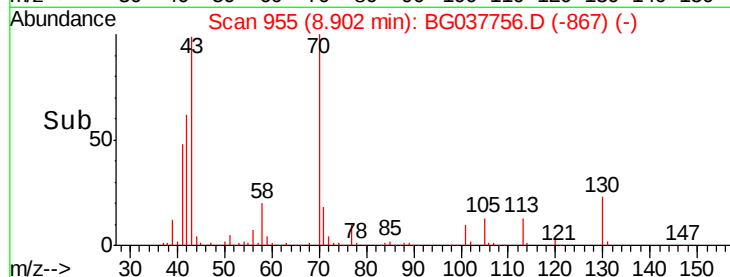
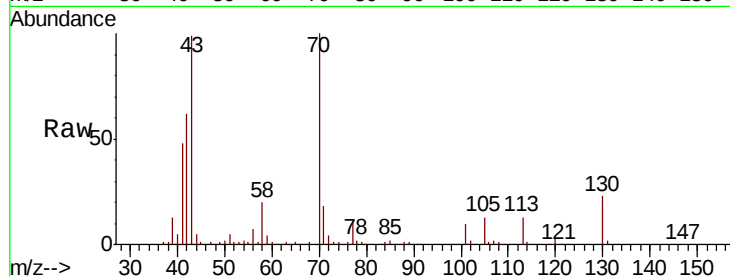




#19
n-Nitroso-di-n-propylamine
Concen: 37.083 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

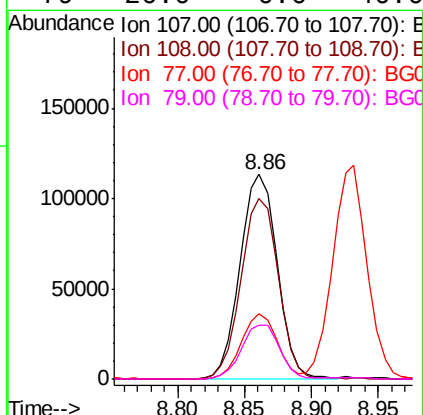
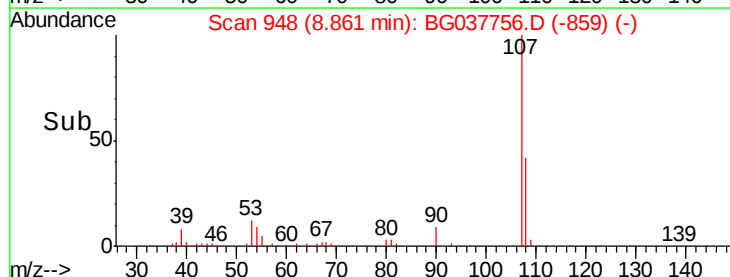
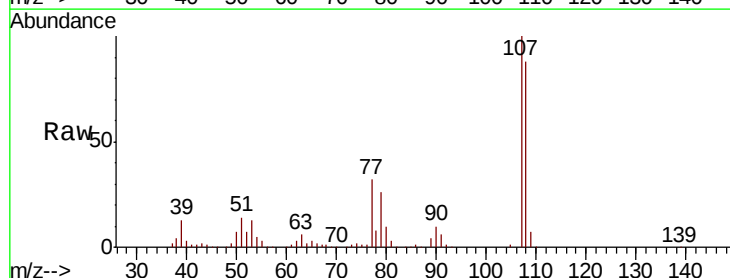
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	146569
Ion	Ratio	Lower	Upper
70	100		
42	62.2	53.9	80.9
101	10.4	8.2	12.2
130	22.7	18.2	27.4



#20
3+4-Methylphenols
Concen: 38.151 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:	107	Resp:	218384
Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.9	109.9
77	32.1	11.2	51.2
79	26.0	6.6	46.6

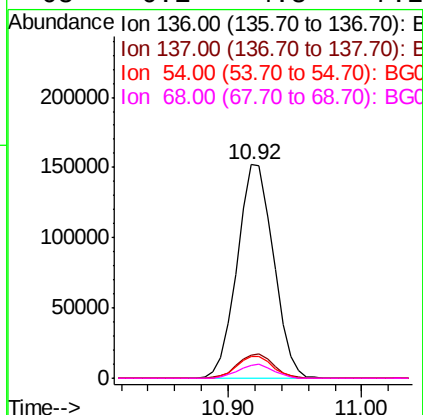
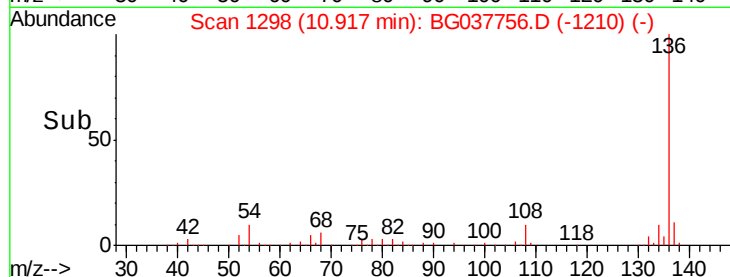
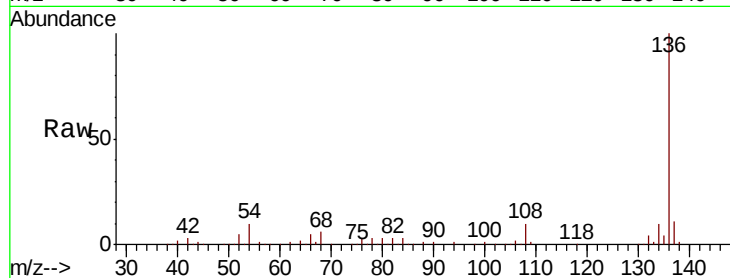




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

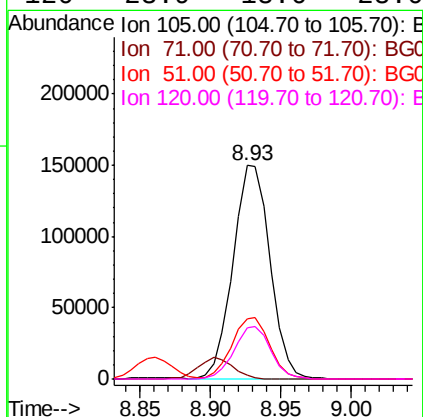
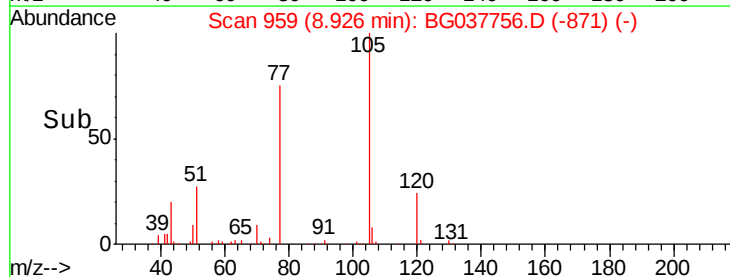
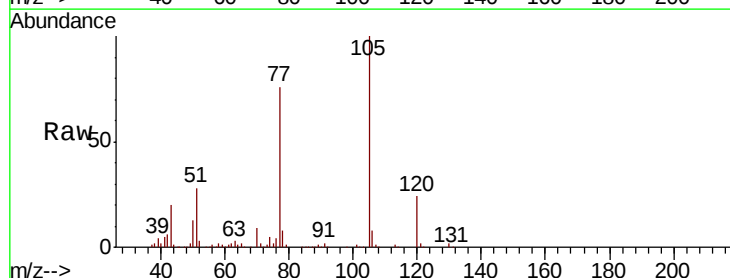
Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	285606
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.6 14.4
54	10.3	7.9 11.9
68	6.1	4.8 7.2



#22
Acetophenone
Concen: 38.223 ng
RT: 8.93 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:105	Resp:	273789
Ion	Ratio	Lower Upper
105	100	
71	1.6	1.2 1.8
51	27.9	25.0 37.6
120	23.9	18.6 28.0

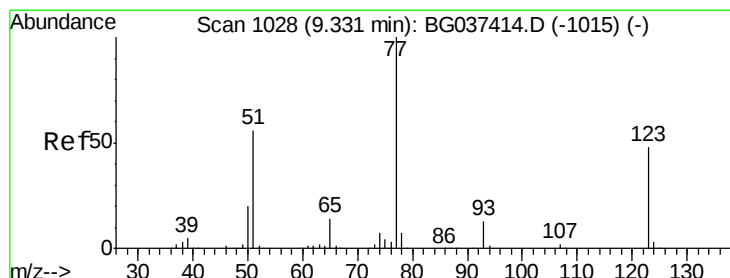
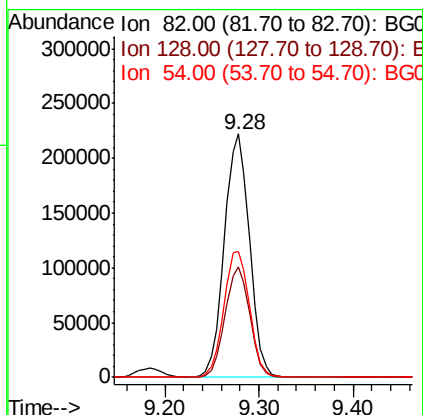
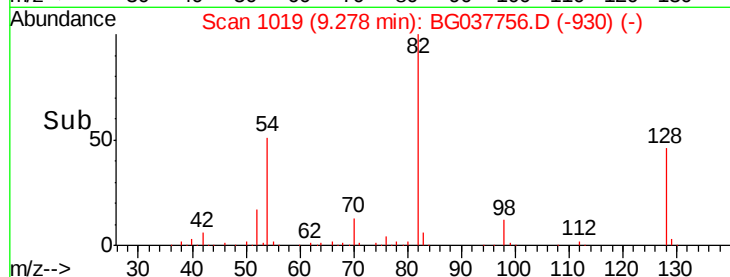
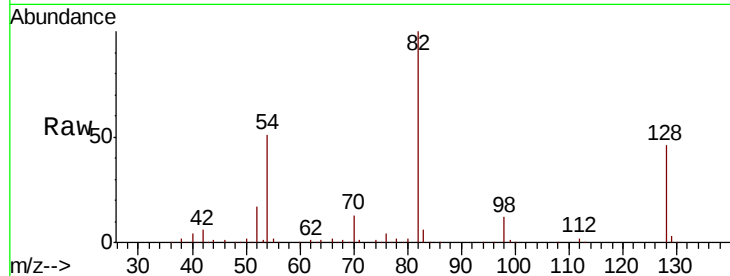




#23
Nitrobenzene-d5
Concen: 80.933 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

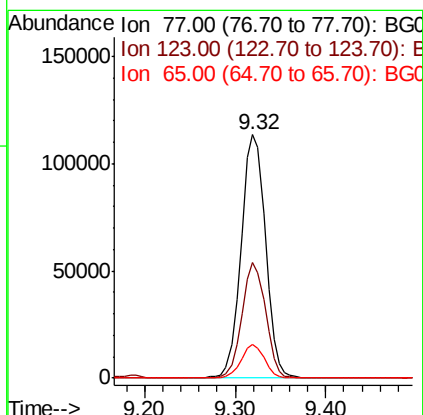
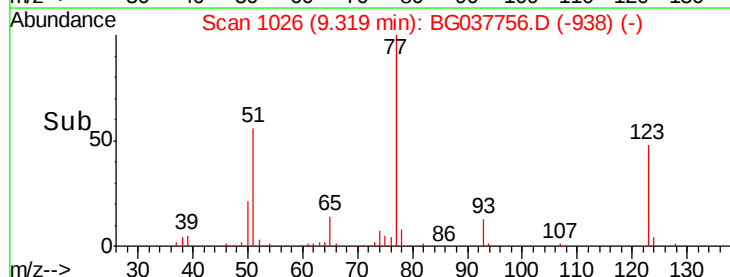
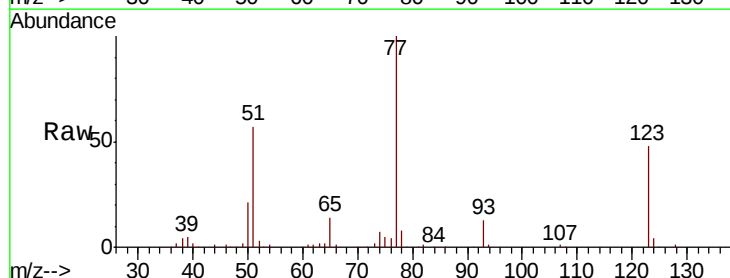
Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 412628
Ion Ratio Lower Upper
82 100
128 45.5 34.6 51.8
54 51.5 45.3 67.9



#24
Nitrobenzene
Concen: 40.093 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion: 77 Resp: 212353
Ion Ratio Lower Upper
77 100
123 47.7 33.6 50.4
65 14.1 11.3 16.9

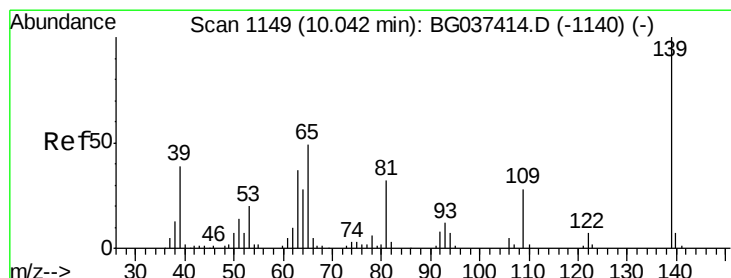
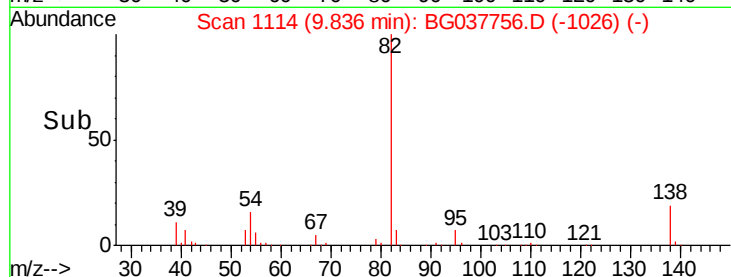
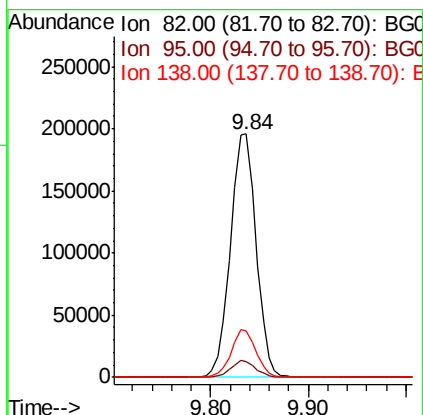
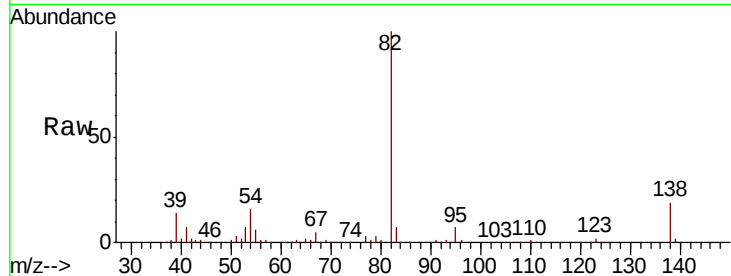




#25
Isophorone
Concen: 38.513 ng
RT: 9.84 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

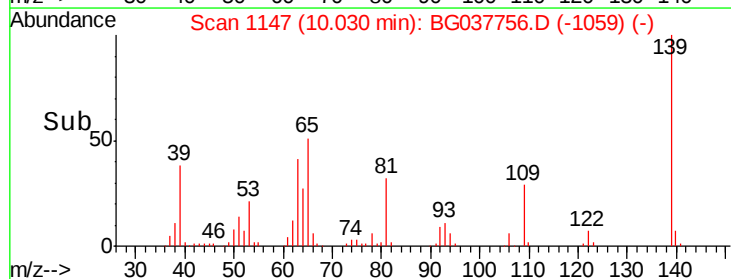
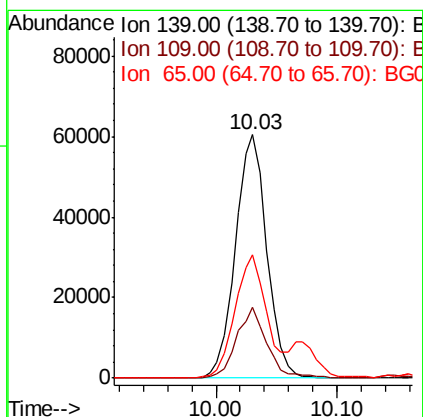
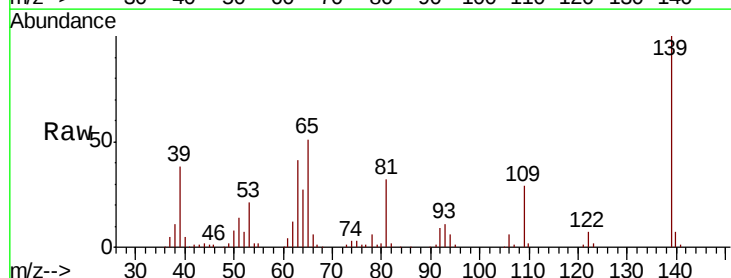
Instrument :
BNA_G
ClientSampled :

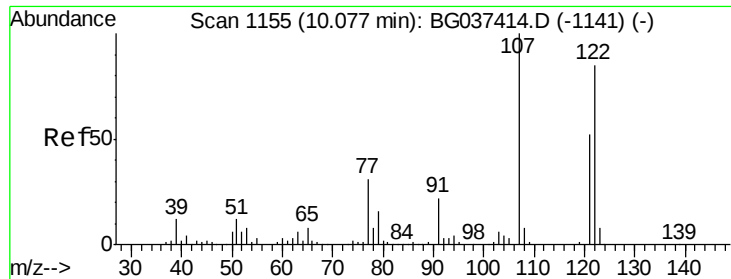
Tot Ion: 82 Resp: 358771
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.9 13.3 19.9



#26
2-Nitrophenol
Concen: 45.705 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion: 139 Resp: 109053
Ion Ratio Lower Upper
139 100
109 29.0 23.3 34.9
65 50.5 39.8 59.8

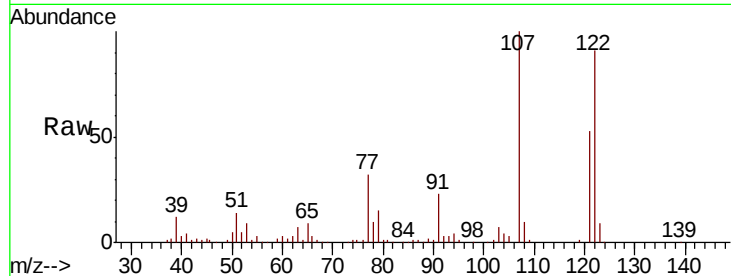




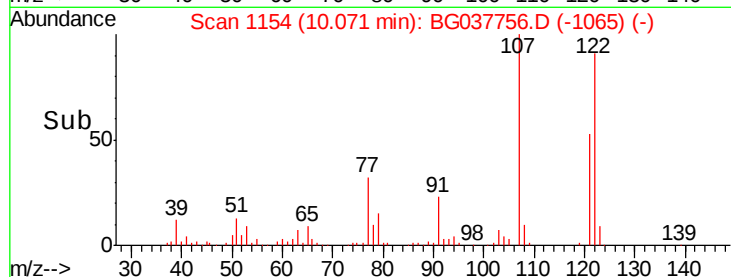
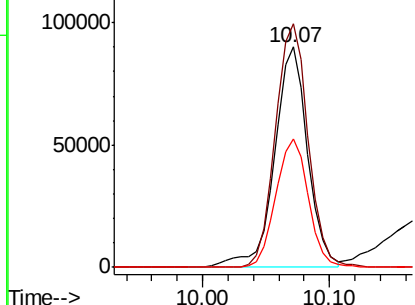
#27
 2,4-Dimethylphenol
 Concen: 38.378 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	94.2	141.2
121	58.5	47.3	70.9

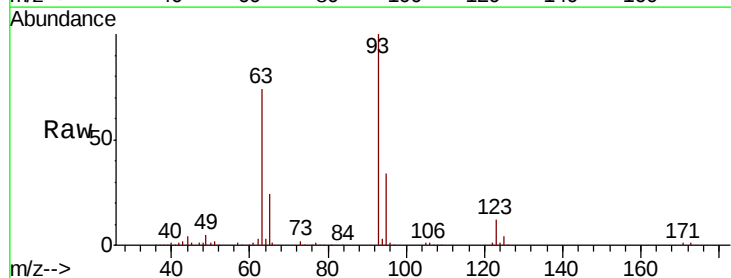


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

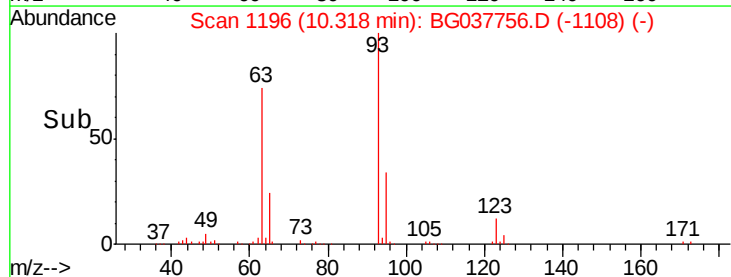
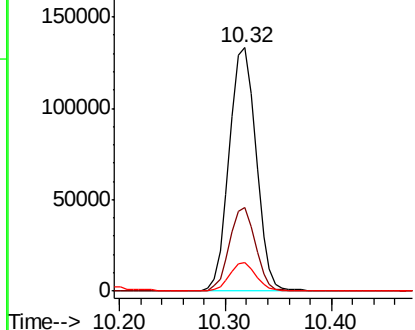


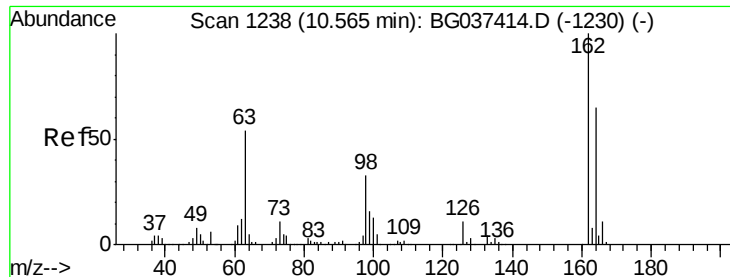
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.496 ng
 RT: 10.32 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	24.6	37.0
123	11.9	9.1	13.7



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

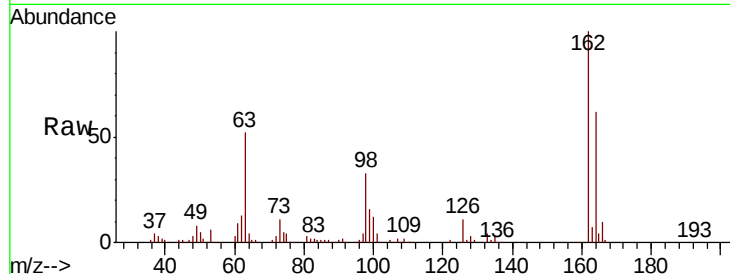




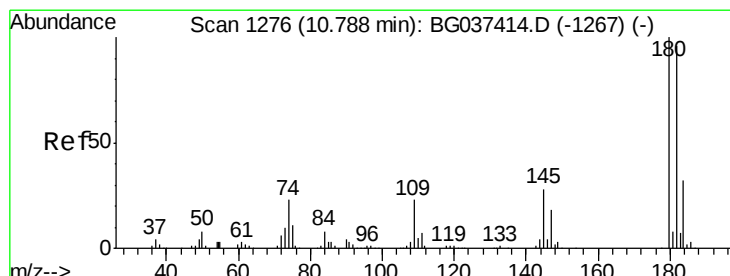
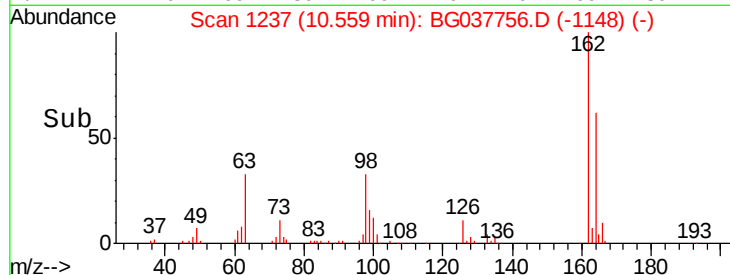
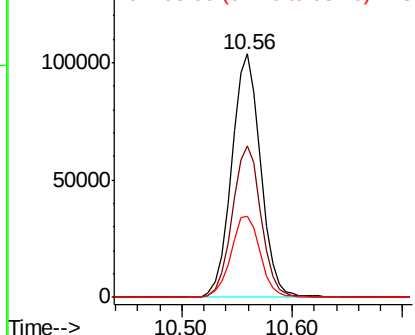
#29
2,4-Dichlorophenol
Concen: 40.155 ng
RT: 10.56 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.2	83.2
98	33.5	16.0	56.0

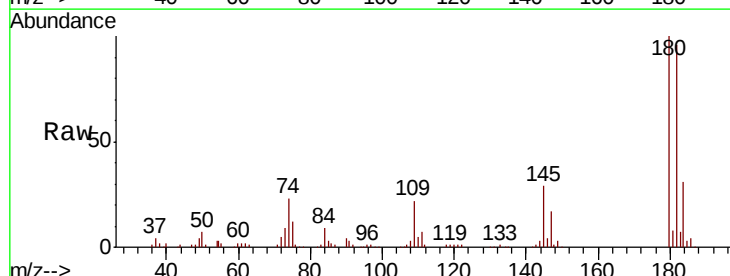


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

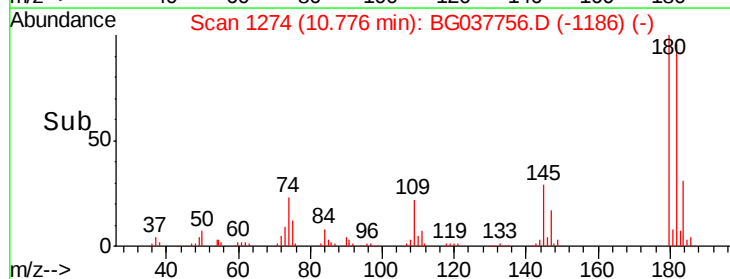
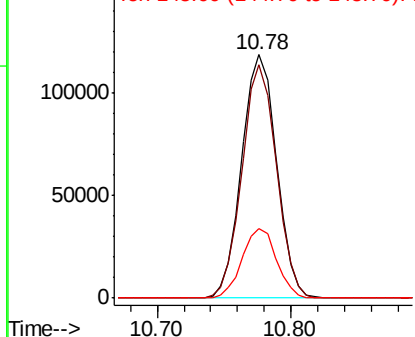


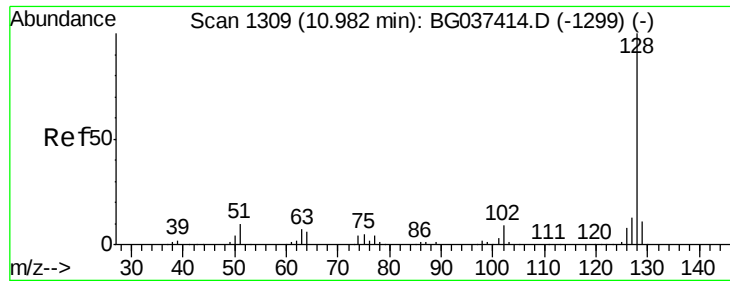
#30
1,2,4-Trichlorobenzene
Concen: 41.408 ng
RT: 10.78 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.7	116.5
145	28.6	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

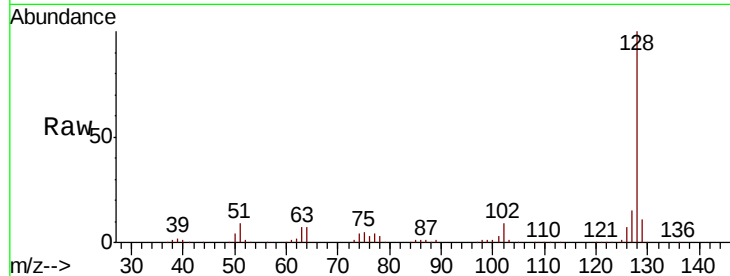




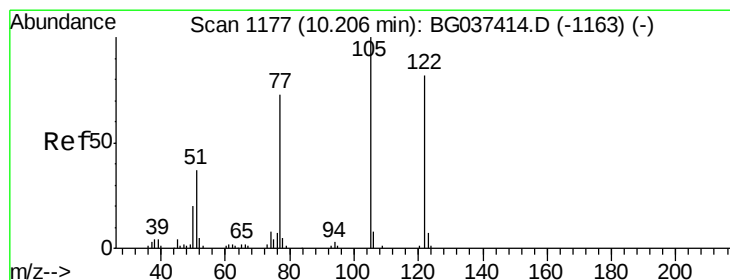
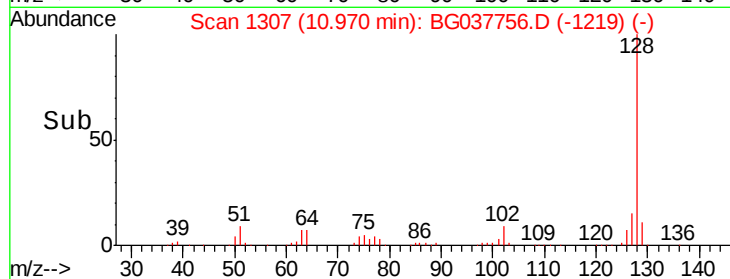
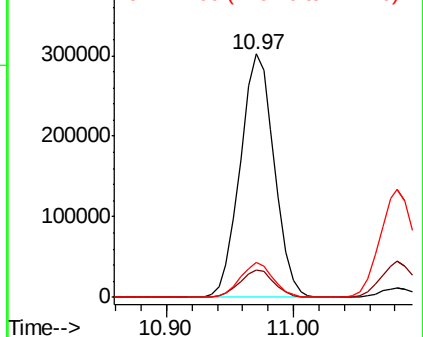
#31
Naphthalene
Concen: 40.067 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 562065
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.6 11.1 16.7

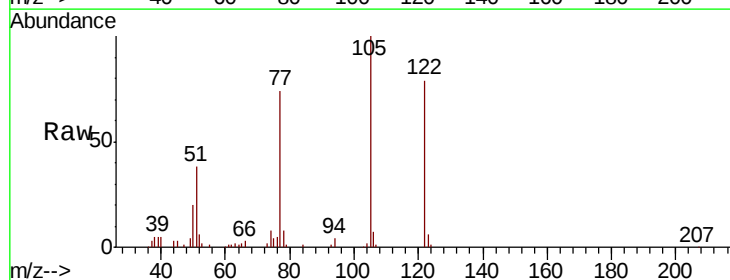


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

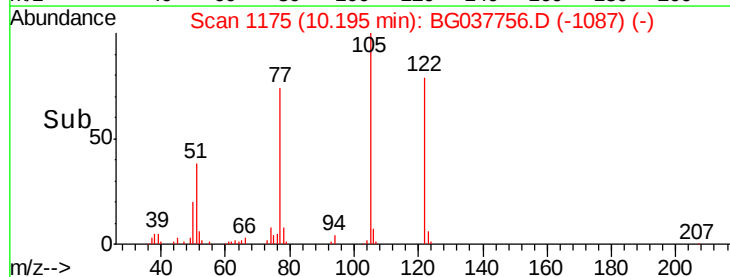
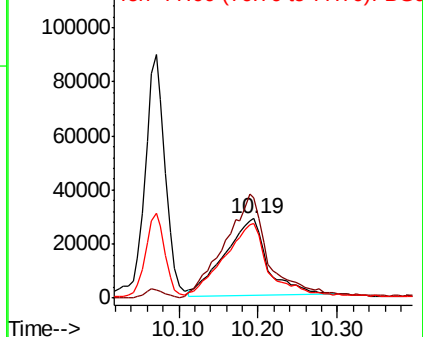


#32
Benzoic acid
Concen: 39.175 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:122 Resp: 108398
Ion Ratio Lower Upper
122 100
105 126.6 106.7 146.7
77 93.8 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

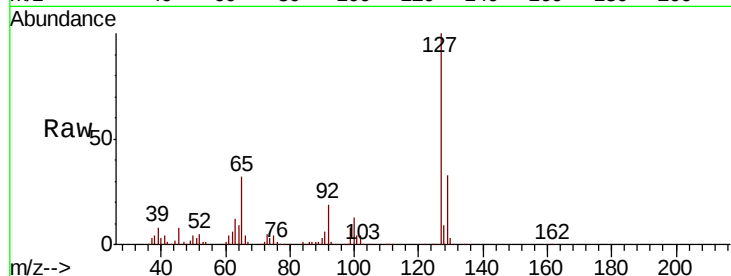




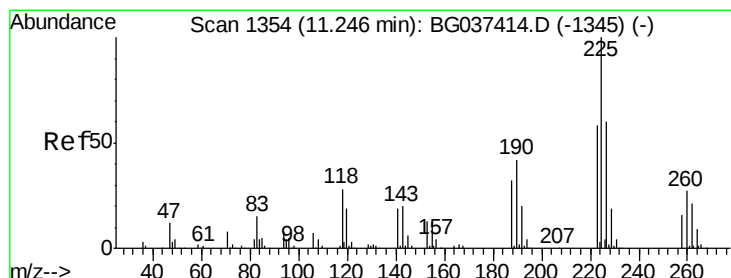
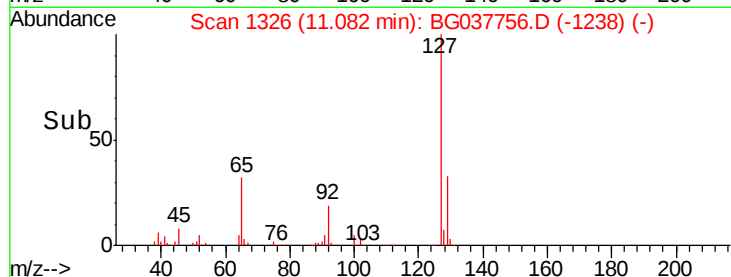
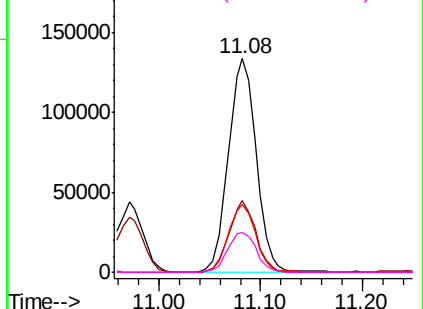
#33
4-Chloroaniline
Concen: 38.748 ng
RT: 11.08 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	255397
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.1	40.7
65	31.8	26.6	39.8
92	18.9	16.4	24.6

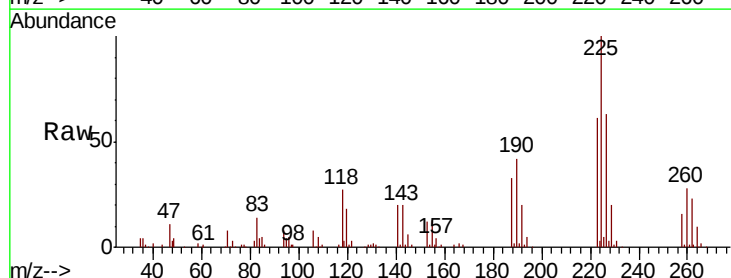


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

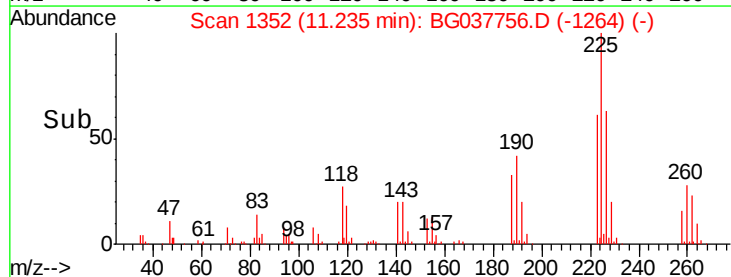
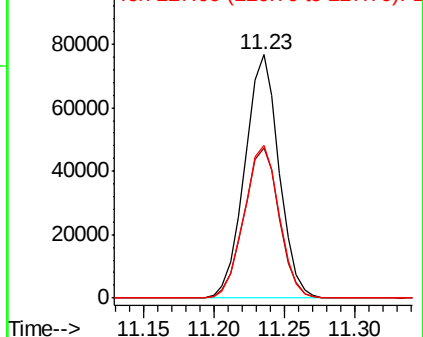


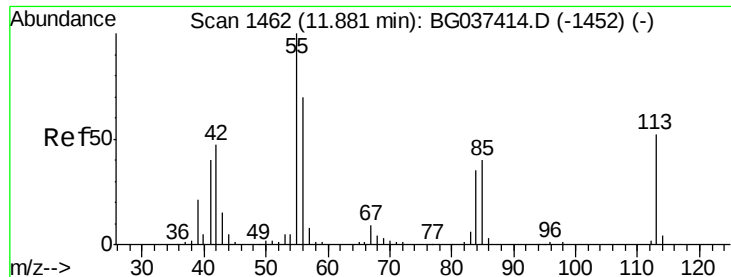
#34
Hexachlorobutadiene
Concen: 42.616 ng
RT: 11.23 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:	225	Resp:	130283
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.2	72.4
227	62.0	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

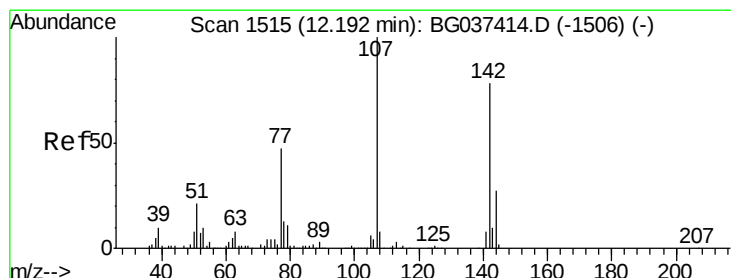
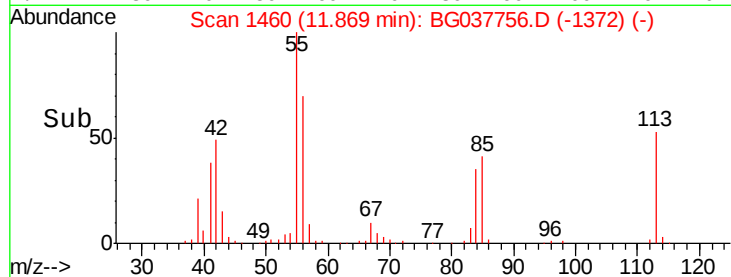
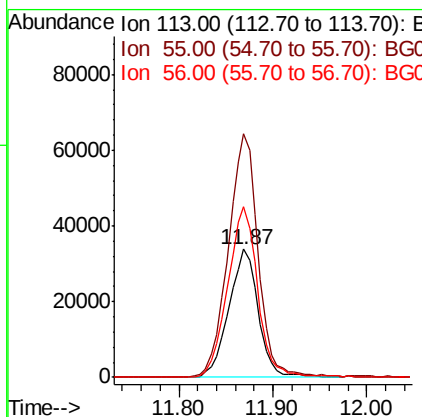
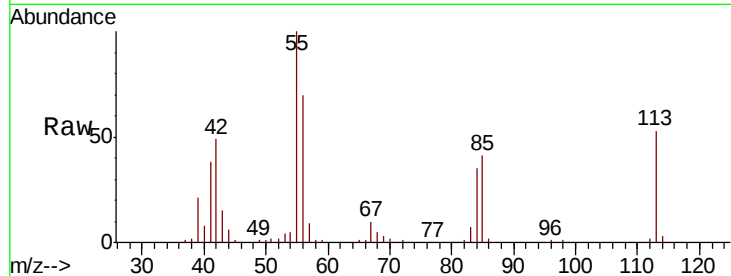




#35
 Caprolactam
 Concen: 38.697 ng
 RT: 11.87 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

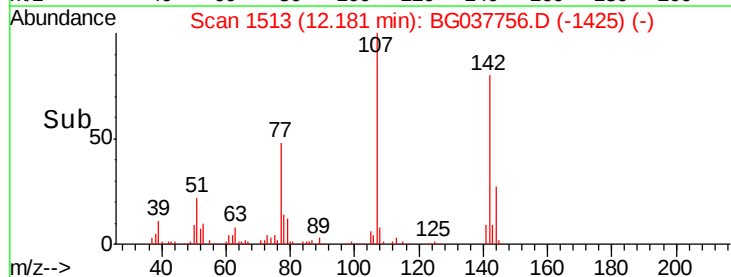
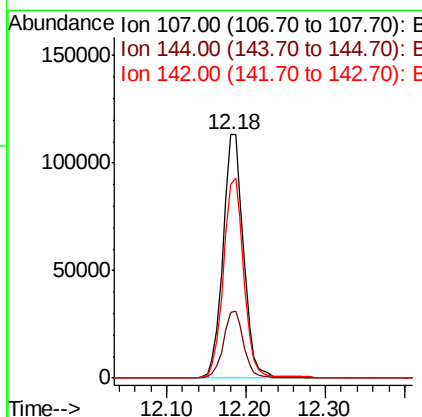
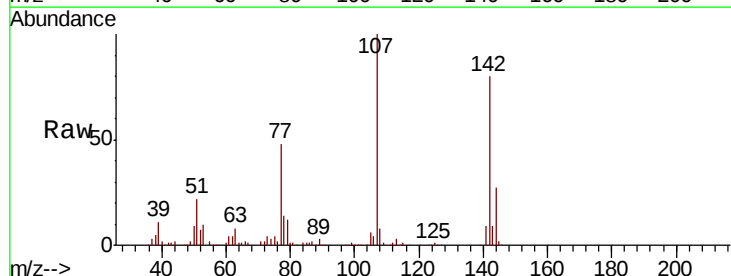
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 73616
 Ion Ratio Lower Upper
 113 100
 55 190.0 176.6 216.6
 56 133.1 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.144 ng
 RT: 12.18 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion:107 Resp: 204043
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.7 31.1
 142 79.8 64.4 96.6

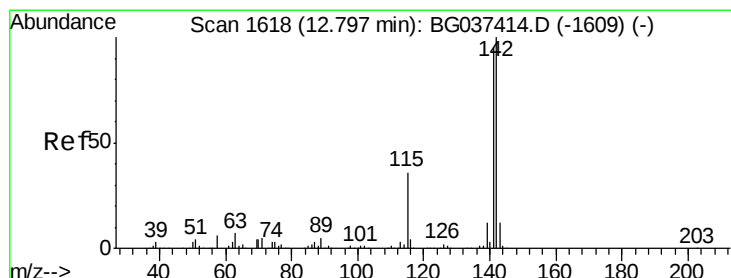
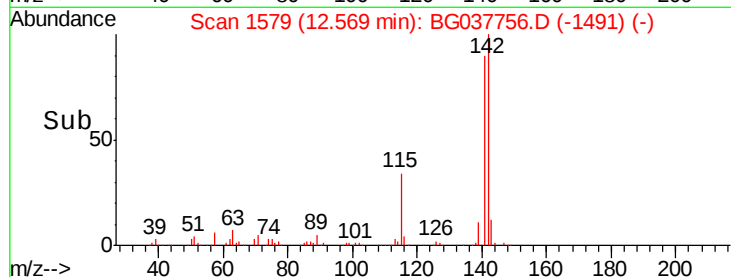
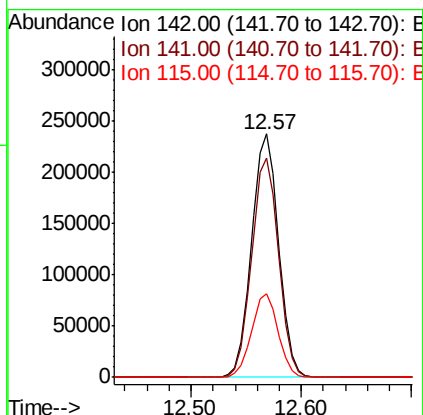
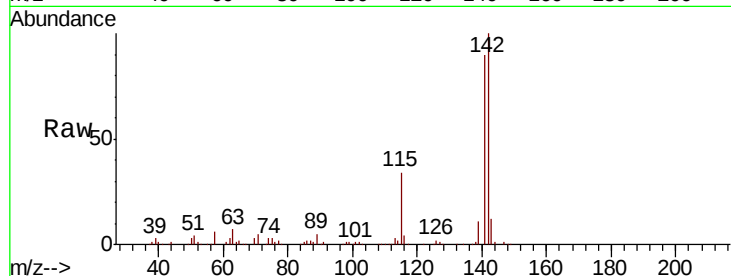




#37
 2-Methylnaphthalene
 Concen: 39.904 ng
 RT: 12.57 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

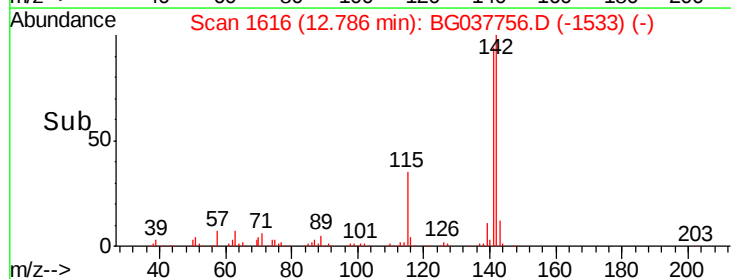
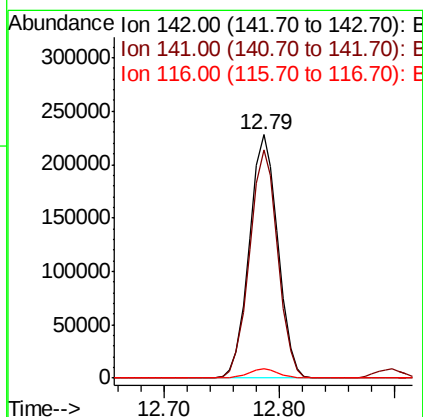
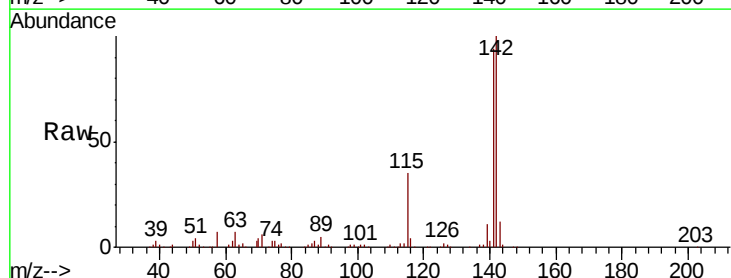
Instrument :
 BNA_G
 ClientSampleId :

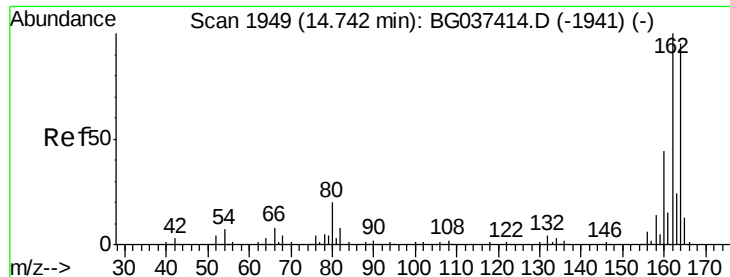
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9
115	34.3	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 39.364 ng
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.2	112.8
116	3.6	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: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

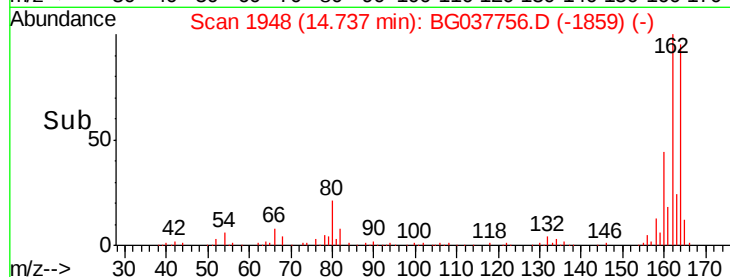
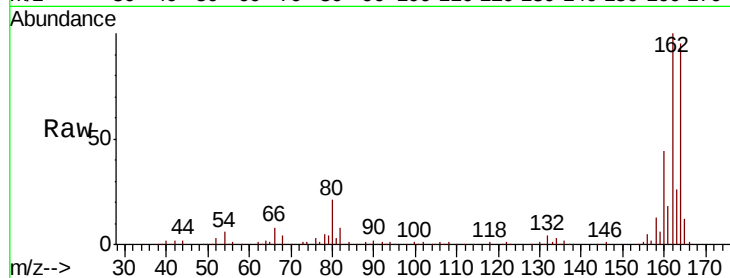
Tot Ion:164 Resp: 182022

Ion Ratio Lower Upper

164 100

162 104.9 81.3 121.9

160 46.0 36.3 54.5

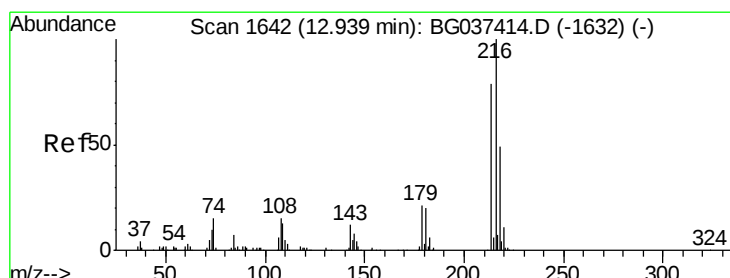
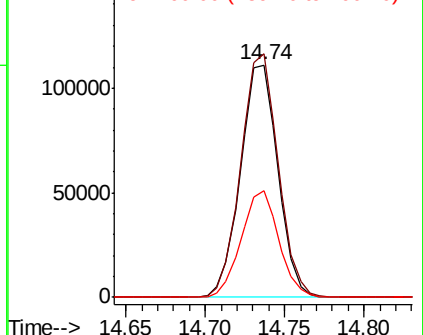


Abundance

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: 41.998 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Tgt Ion:216 Resp: 246577

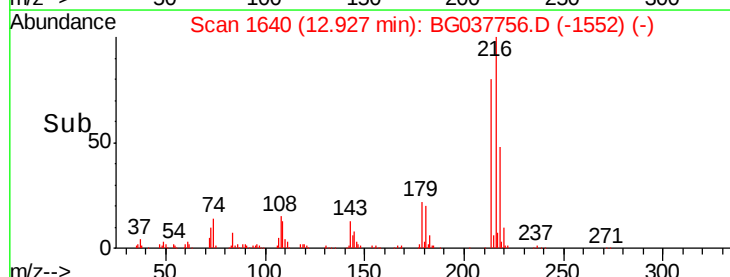
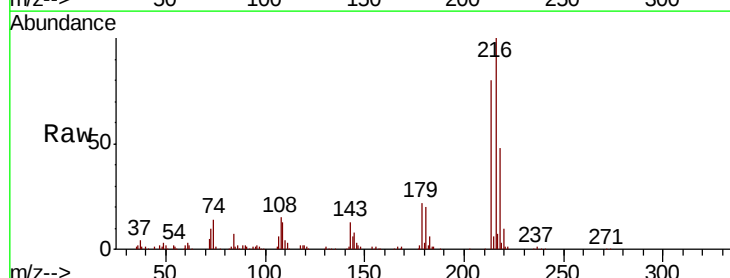
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 21.1 17.4 26.0

108 16.7 13.9 20.9



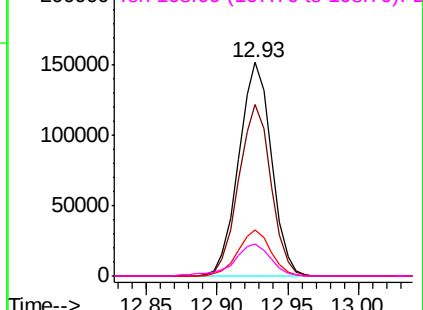
Abundance

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: 44.116 ng

RT: 12.90 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

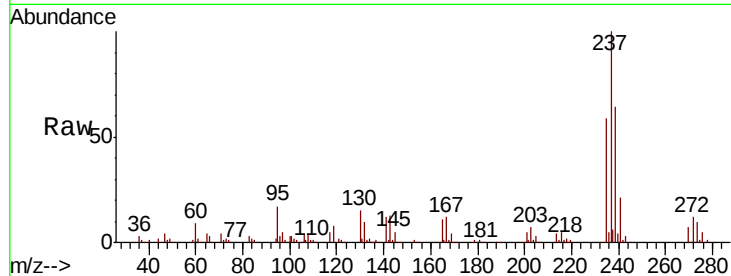
Tot Ion:237 Resp: 123725

Ion Ratio Lower Upper

237 100

235 59.4 42.5 82.5

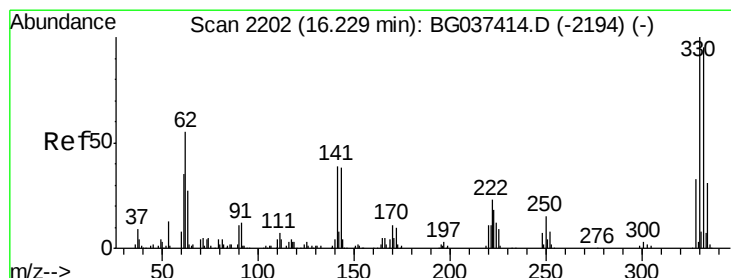
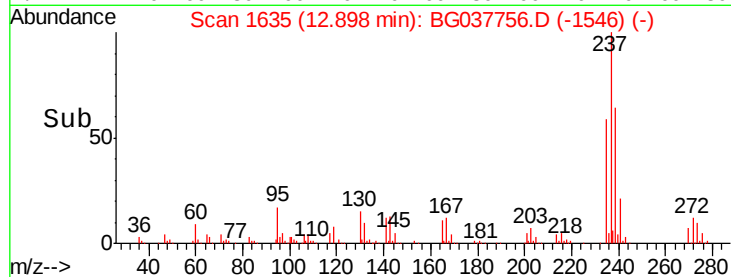
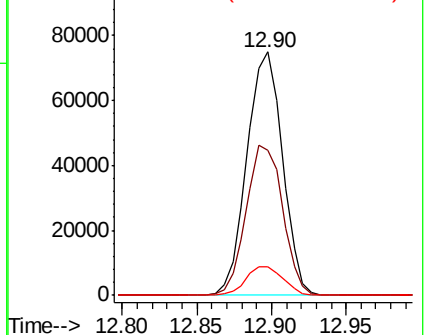
272 11.9 0.0 31.6



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: 80.264 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

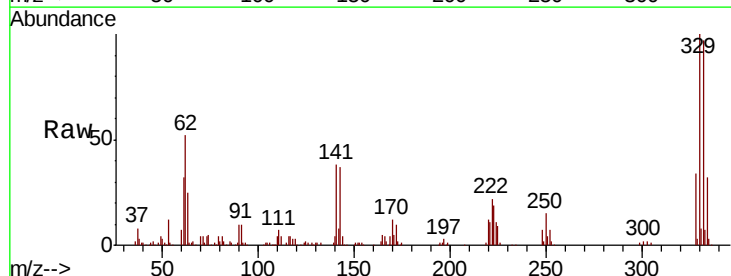
Tgt Ion:330 Resp: 159347

Ion Ratio Lower Upper

330 100

332 96.8 78.4 117.6

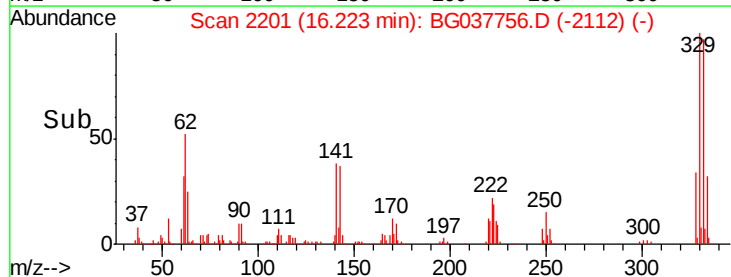
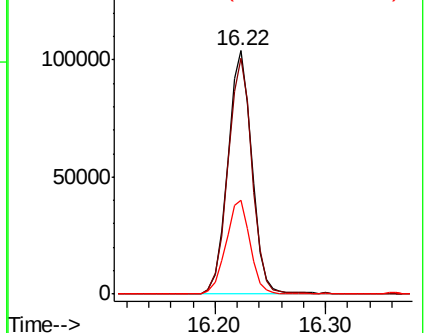
141 38.7 32.2 48.2

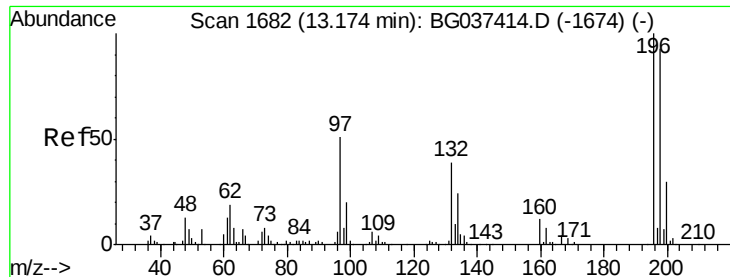


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

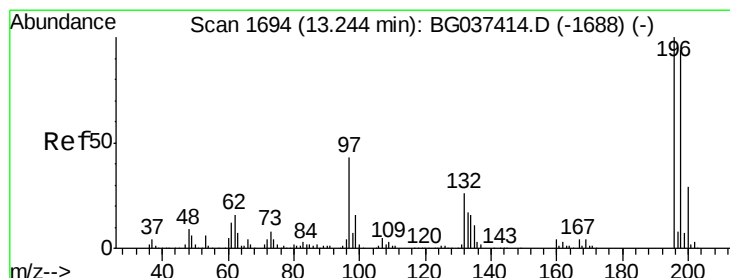
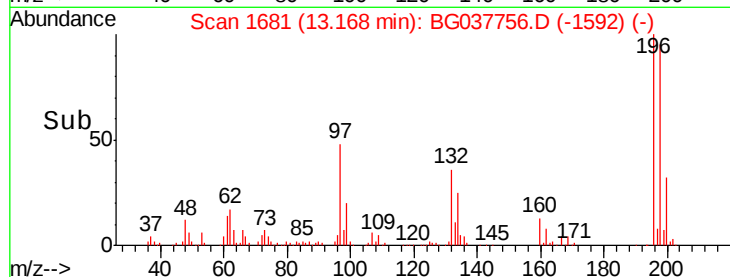
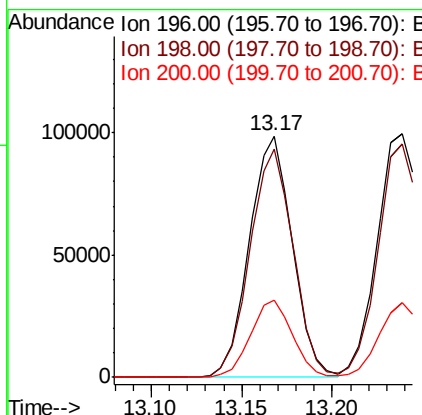
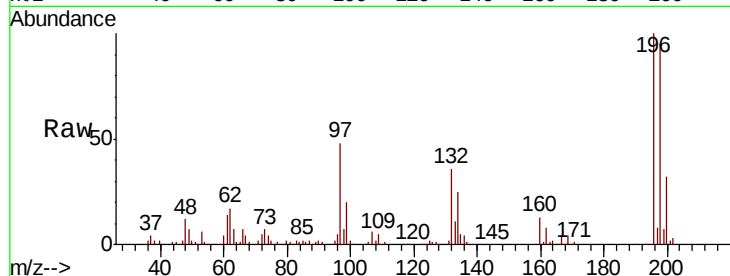




#43
 2,4,6-Trichlorophenol
 Concen: 41.408 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

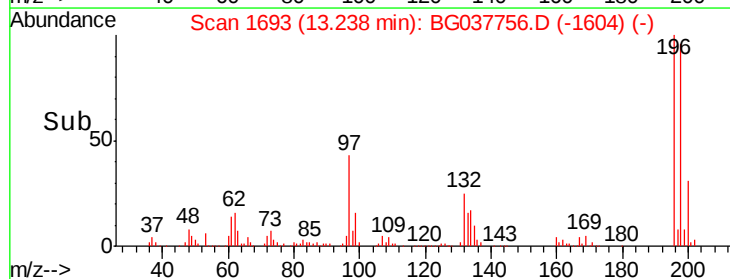
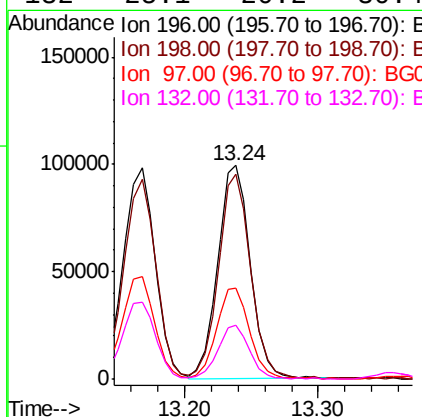
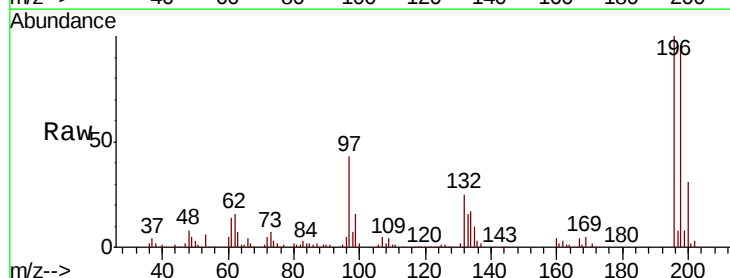
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	162419
Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.4	114.6
200	32.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.802 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion	196	Resp	169981
Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.2
97	42.8	34.1	51.1
132	25.1	20.2	30.4

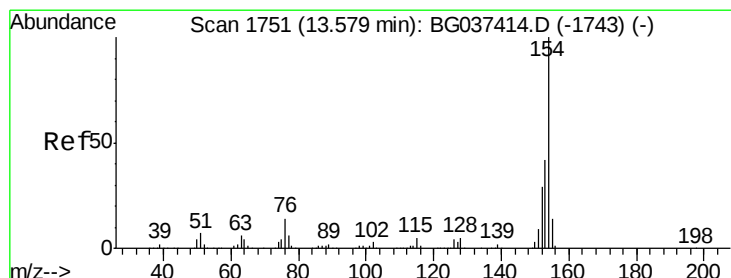
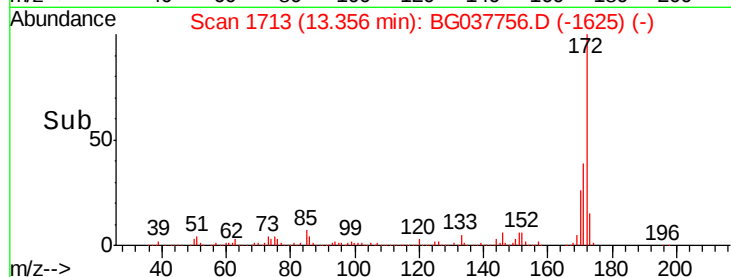
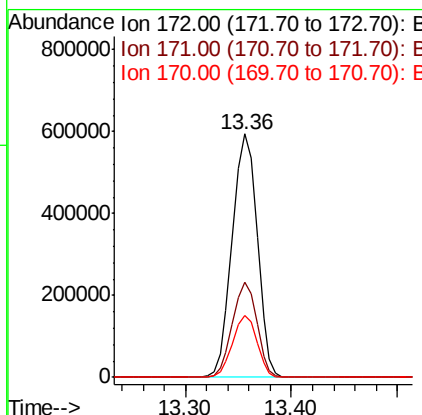
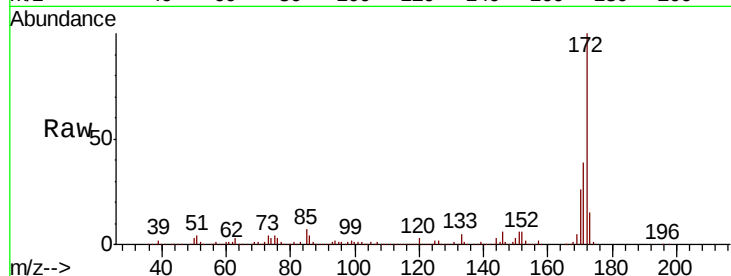




#45
 2-Fluorobiphenyl
 Concen: 80.670 ng
 RT: 13.36 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

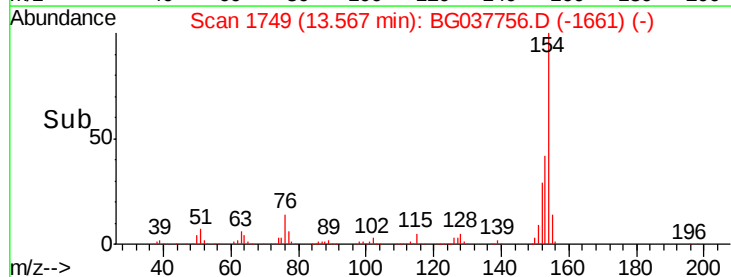
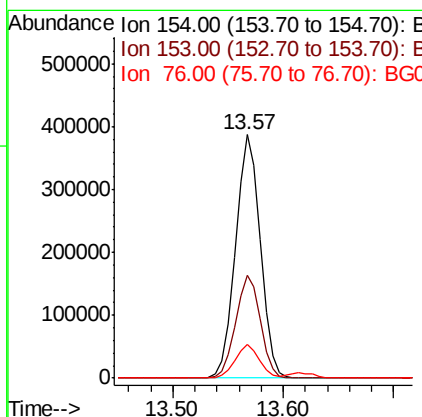
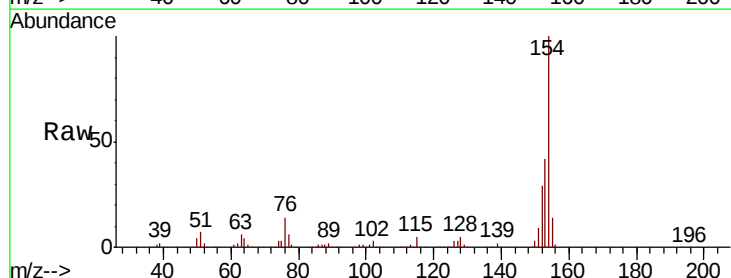
Instrument :
 BNA_G
 ClientSampleId :

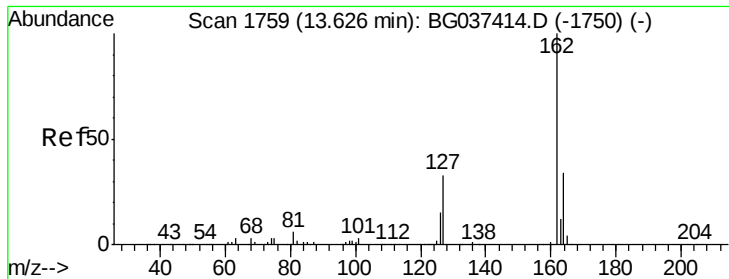
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	25.5	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 40.367 ng
 RT: 13.57 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	22.1	62.1
76	13.9	0.0	33.2

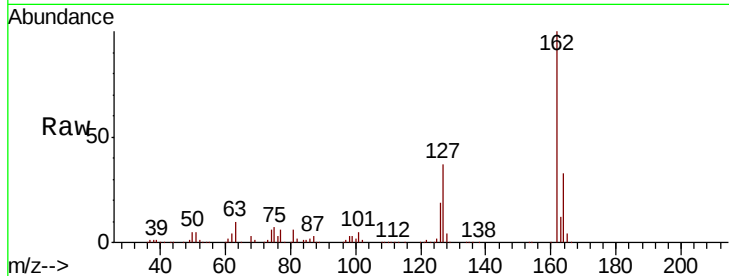




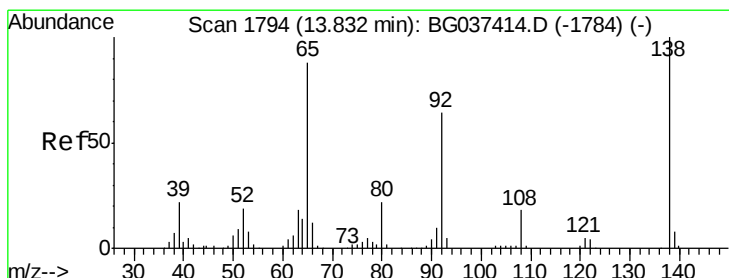
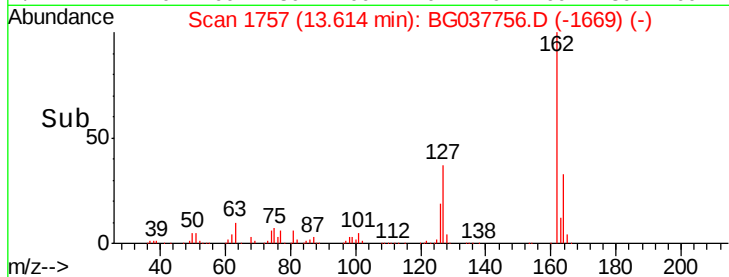
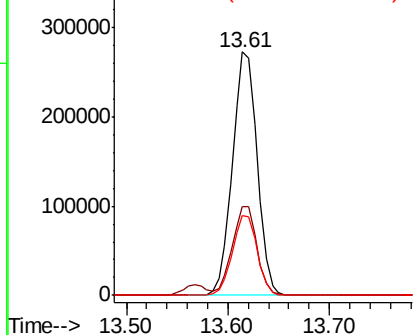
#47
 2-Chloronaphthalene
 Concen: 40.458 ng
 RT: 13.61 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 461411
 Ion Ratio Lower Upper
 162 100
 127 36.6 30.5 45.7
 164 32.6 26.4 39.6

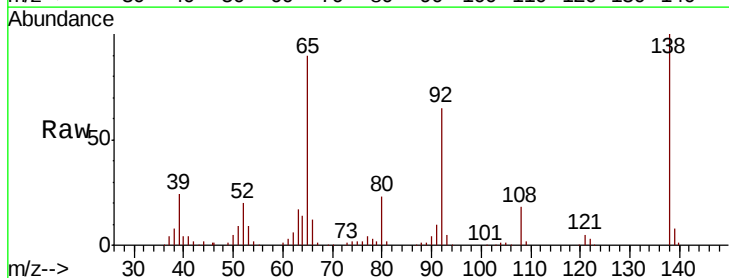


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

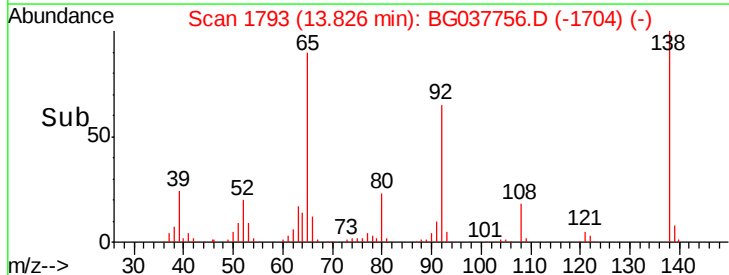
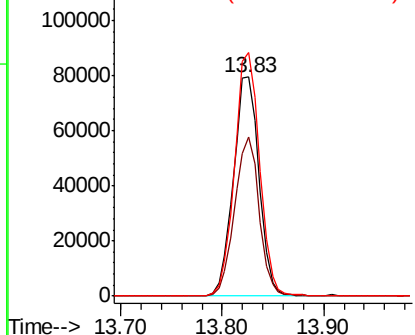


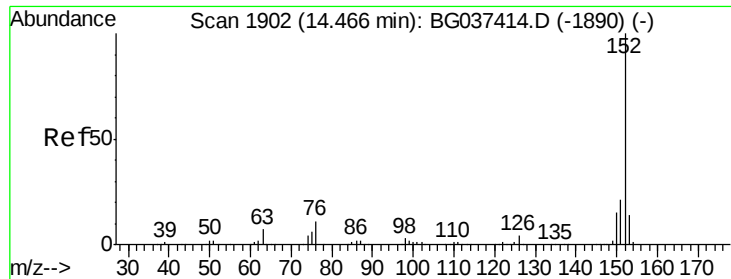
#48
 2-Nitroaniline
 Concen: 40.429 ng
 RT: 13.83 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion: 65 Resp: 139822
 Ion Ratio Lower Upper
 65 100
 92 72.8 53.2 79.8
 138 111.3 79.3 118.9



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





#49

Acenaphthylene

Concen: 39.858 ng

RT: 14.46 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampled :

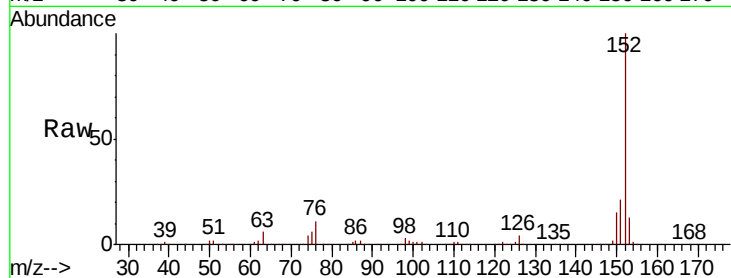
Tot Ion:152 Resp: 683782

Ion Ratio Lower Upper

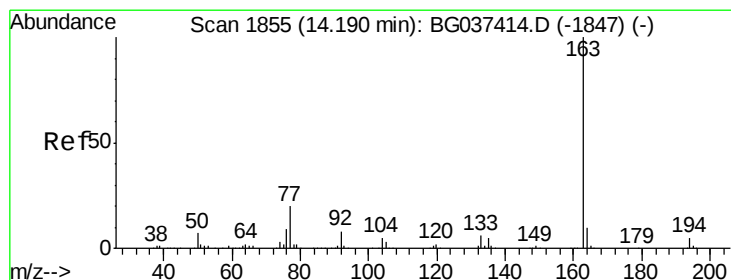
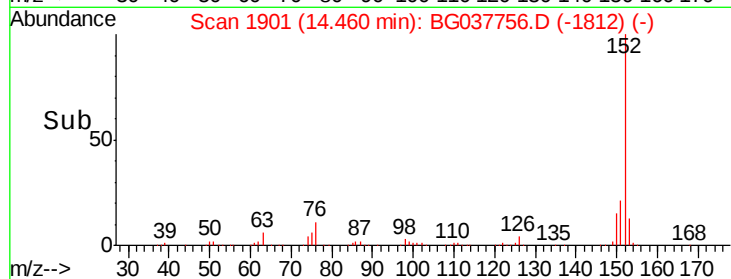
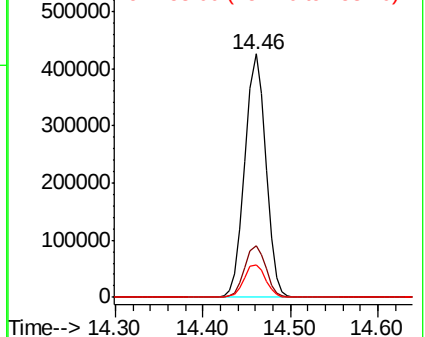
152 100

151 21.3 17.1 25.7

153 13.3 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: 38.917 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

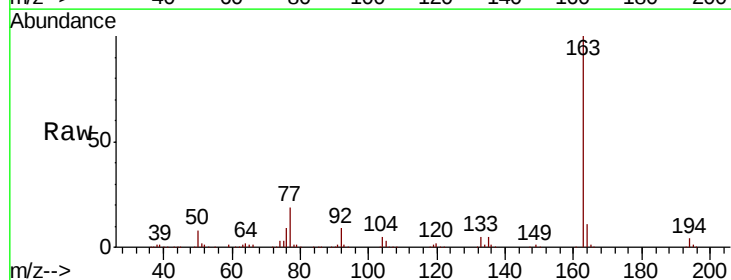
Tgt Ion:163 Resp: 548017

Ion Ratio Lower Upper

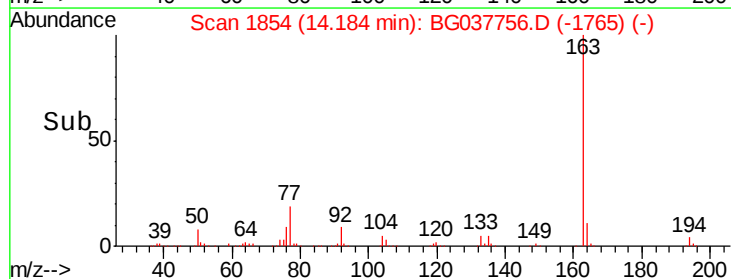
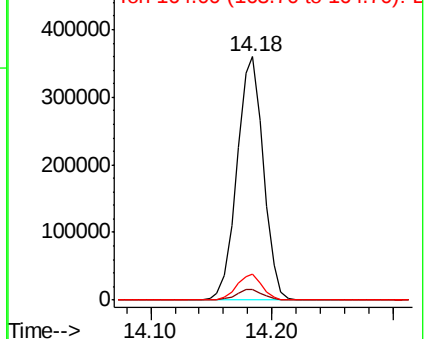
163 100

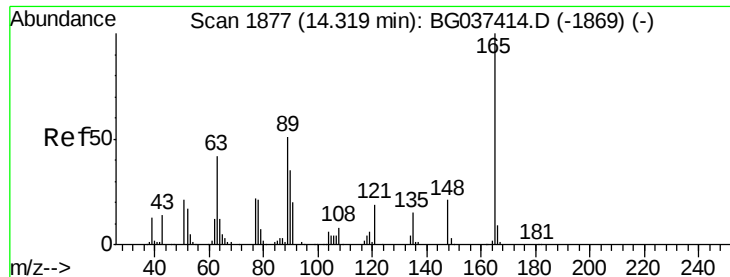
194 4.3 3.5 5.3

164 10.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.190 ng

RT: 14.31 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

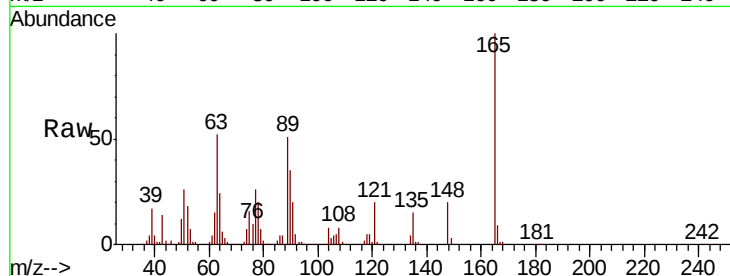
Tot Ion:165 Resp: 125198

Ion Ratio Lower Upper

165 100

63 52.5 43.4 65.2

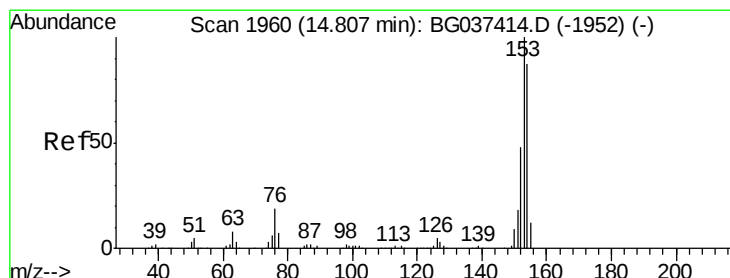
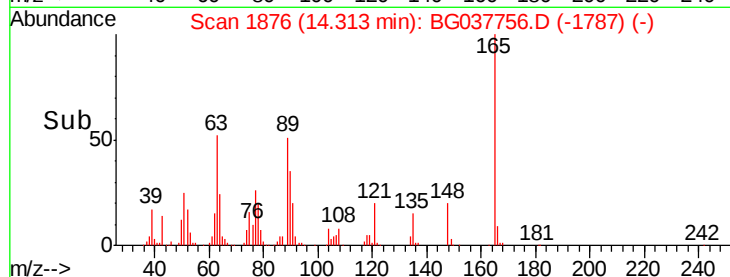
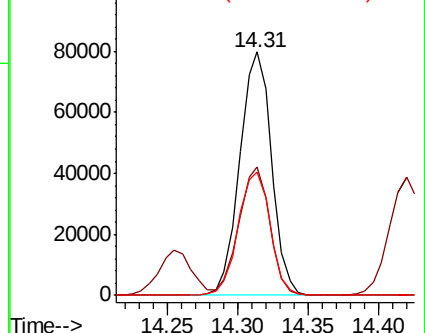
89 50.8 45.8 68.6



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



#52

Acenaphthene

Concen: 39.179 ng

RT: 14.80 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

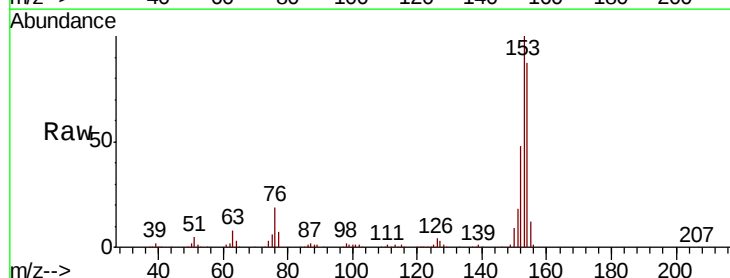
Tgt Ion:154 Resp: 413943

Ion Ratio Lower Upper

154 100

153 114.5 93.4 140.0

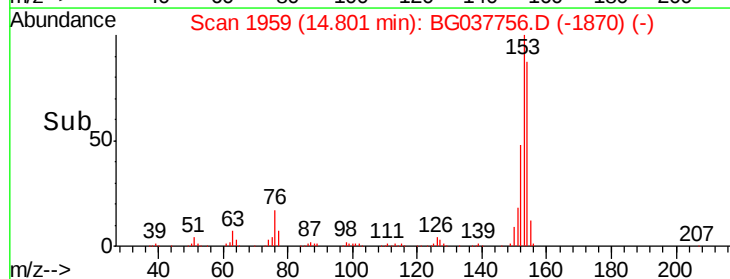
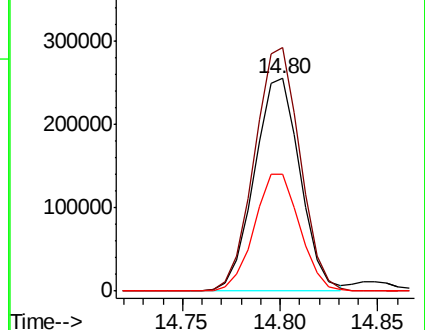
152 54.7 44.7 67.1



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: 39.357 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampled :

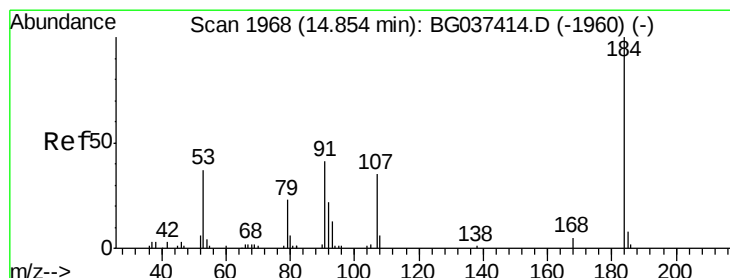
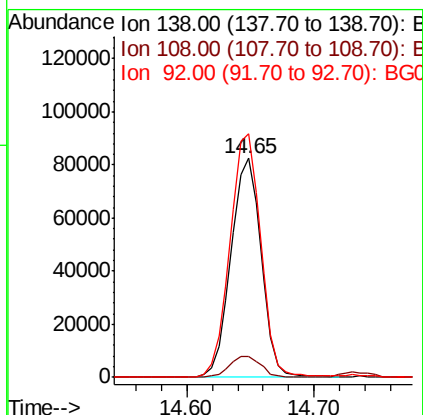
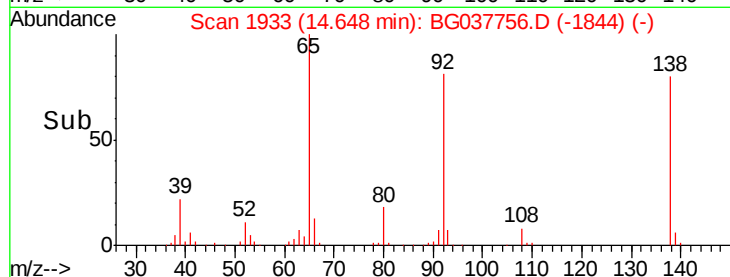
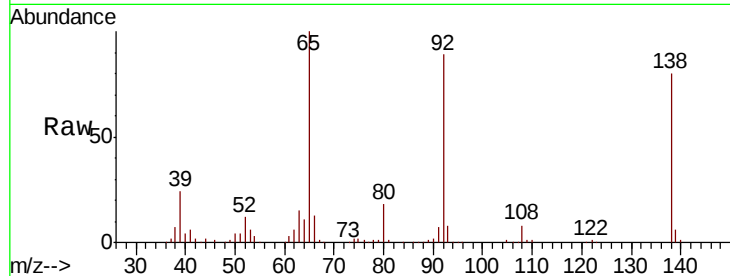
Tot Ion:138 Resp: 136105

Ion Ratio Lower Upper

138 100

108 9.8 11.0 16.6#

92 111.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 41.072 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

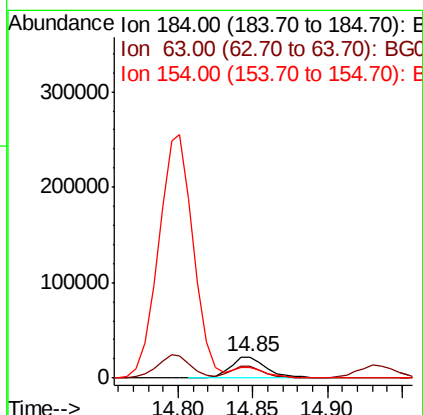
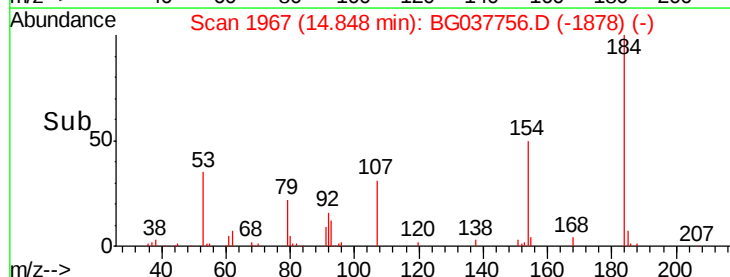
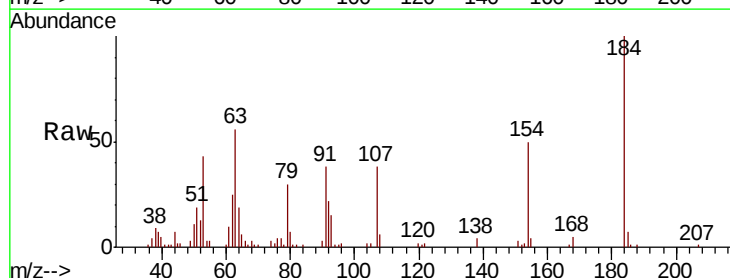
Tgt Ion:184 Resp: 37624

Ion Ratio Lower Upper

184 100

63 56.2 42.6 63.8

154 49.7 41.8 62.6

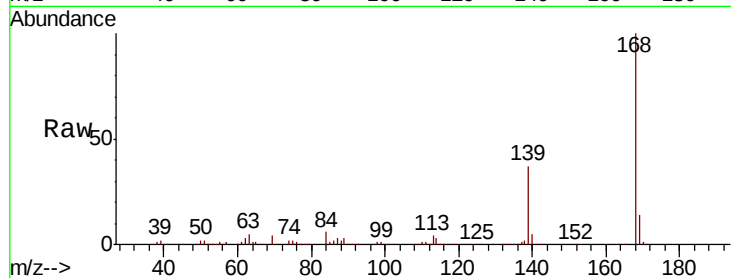




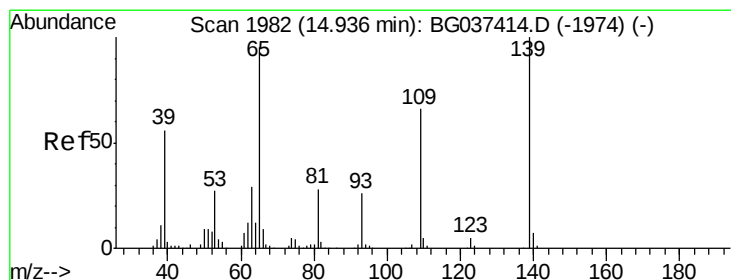
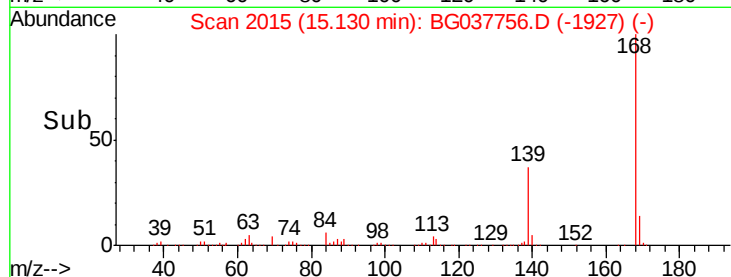
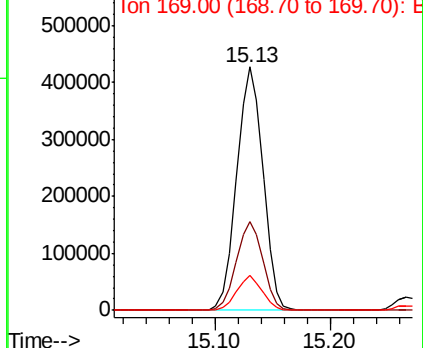
#55
Dibenzofuran
Concen: 38.419 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 672528
Ion Ratio Lower Upper
168 100
139 36.6 29.4 44.0
169 14.4 11.0 16.6

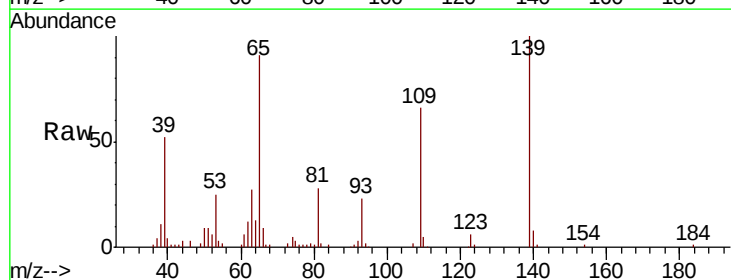


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

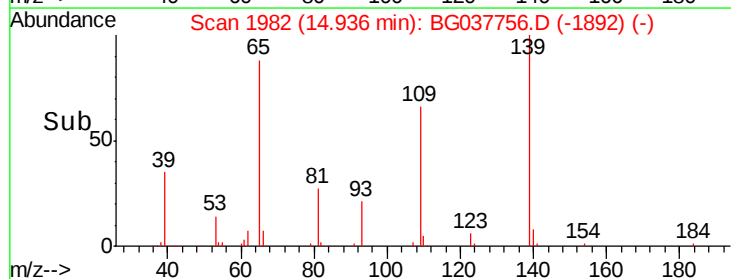
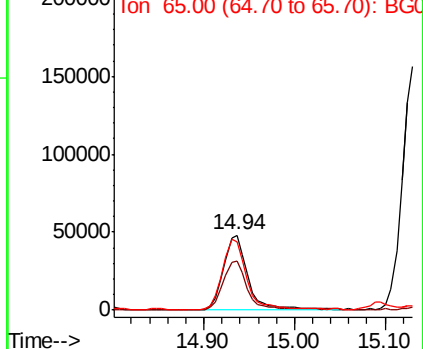


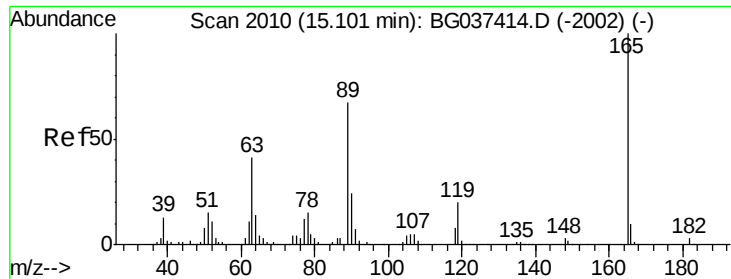
#56
4-Nitrophenol
Concen: 35.413 ng
RT: 14.94 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:139 Resp: 90649
Ion Ratio Lower Upper
139 100
109 66.3 49.5 89.5
65 90.8 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

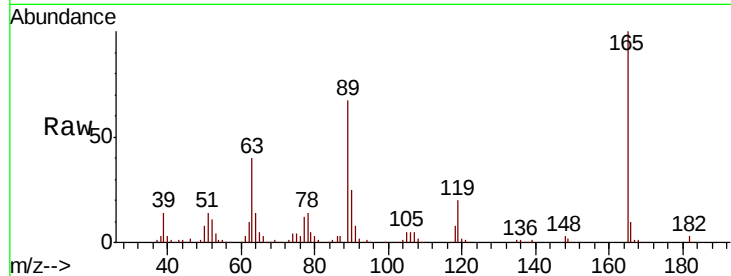




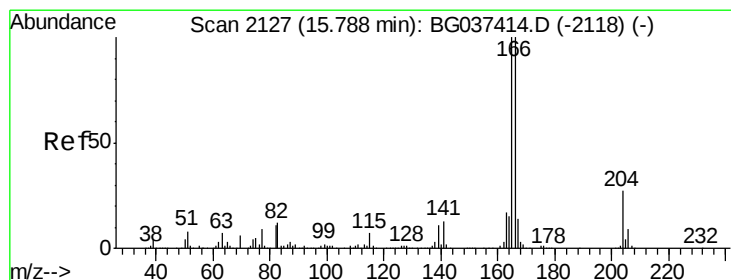
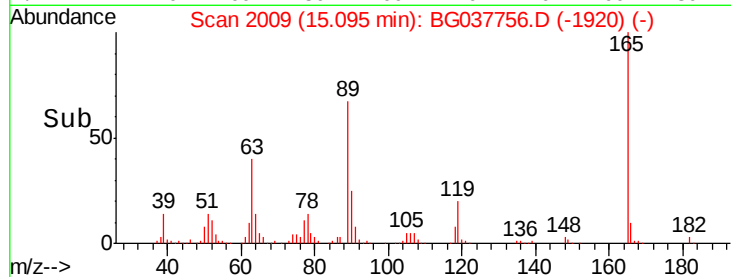
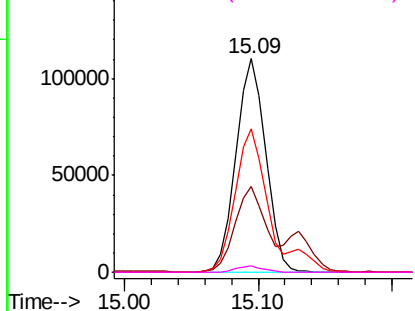
#57
2,4-Dinitrotoluene
Concen: 41.725 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 170619
Ion Ratio Lower Upper
165 100
63 40.1 33.4 50.0
89 67.4 57.2 85.8
182 3.3 2.6 4.0

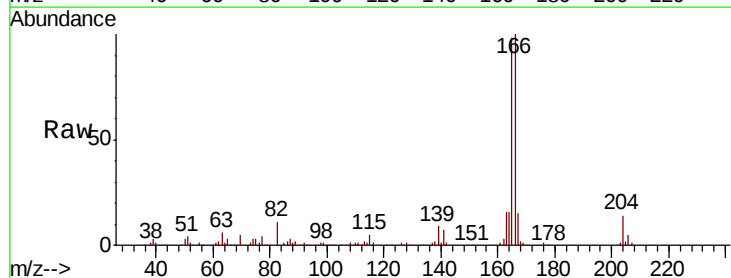


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

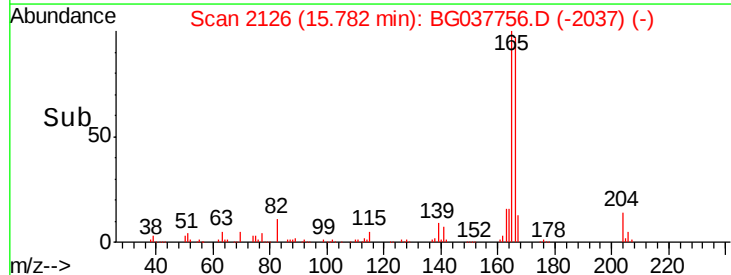
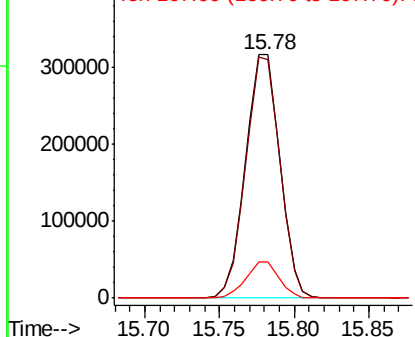


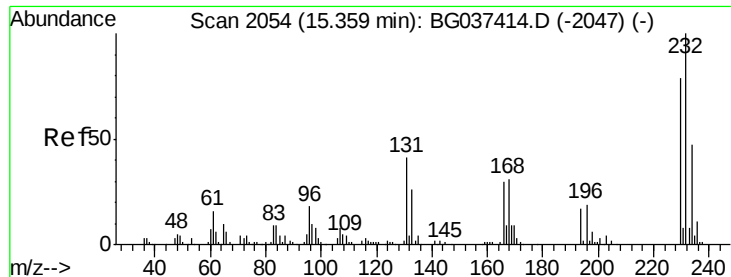
#58
Fluorene
Concen: 38.556 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:166 Resp: 505422
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 14.8 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: 38.065 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 139187

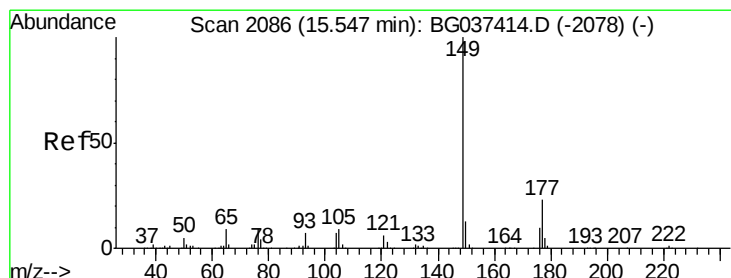
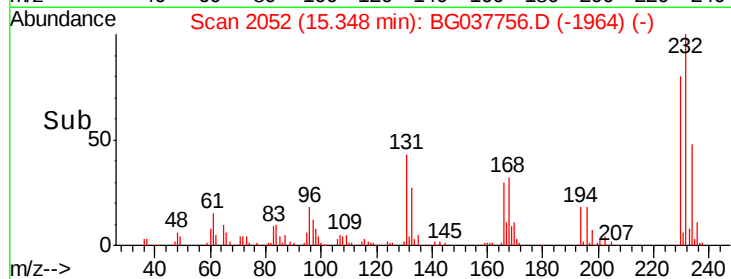
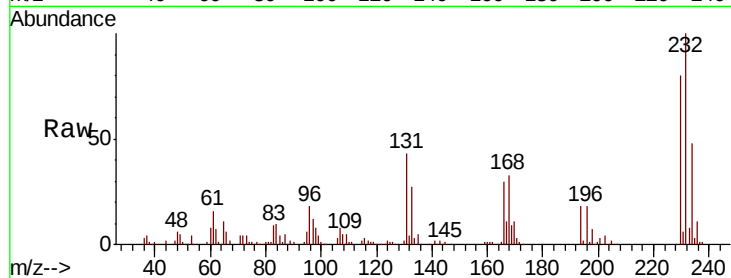
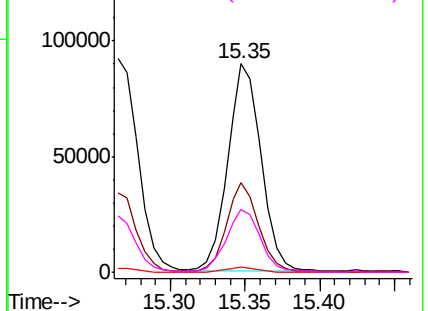
Ion	Ratio	Lower	Upper
232	100		
131	41.2	33.7	50.5
130	2.3	2.1	3.1
166	31.0	24.6	36.8

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.507 ng

RT: 15.54 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

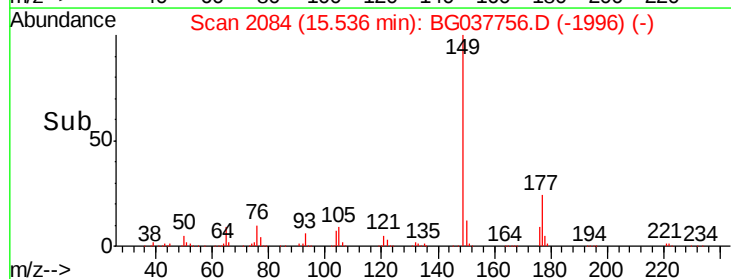
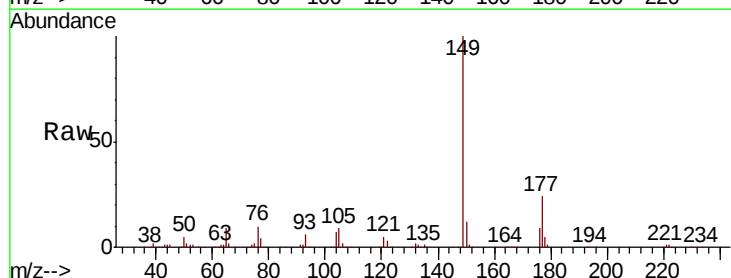
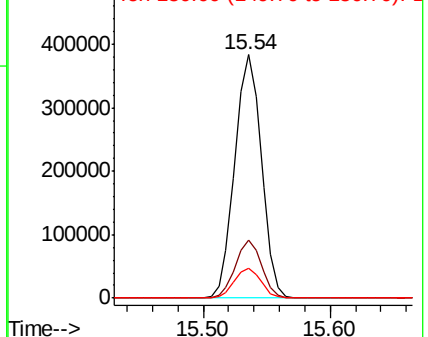
Tgt Ion:149 Resp: 556691

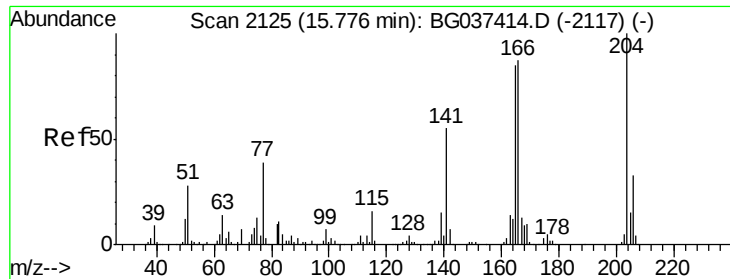
Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.3	27.5
150	12.4	10.0	15.0

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

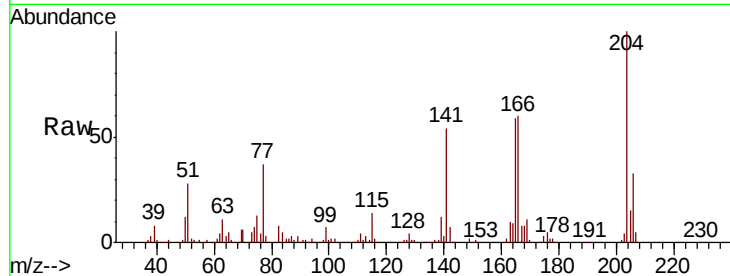




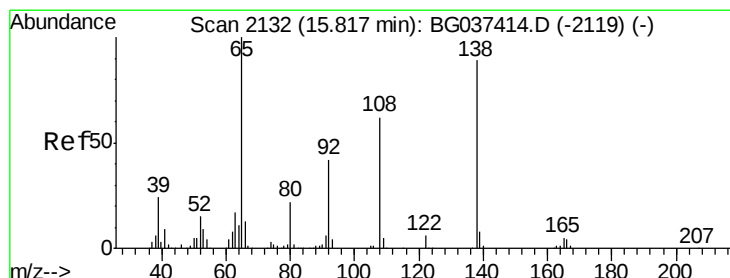
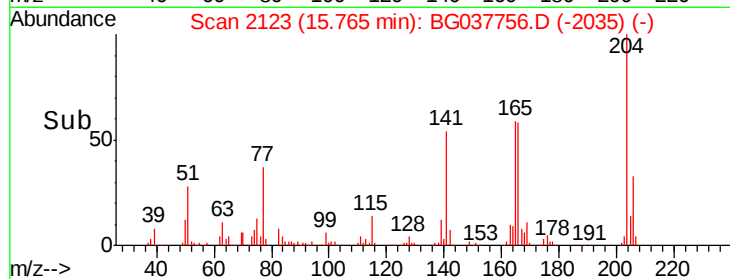
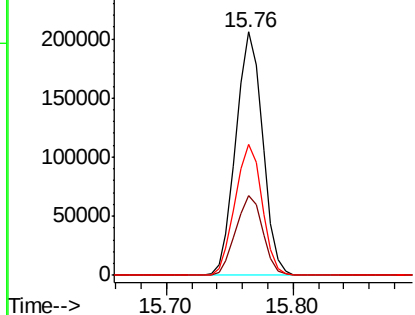
#61
 4-Chlorophenyl-phenylether
 Concen: 39.275 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 300089
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.6 39.8
 141 53.6 45.4 68.2

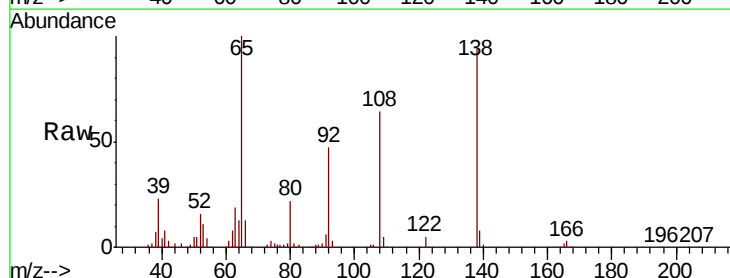


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

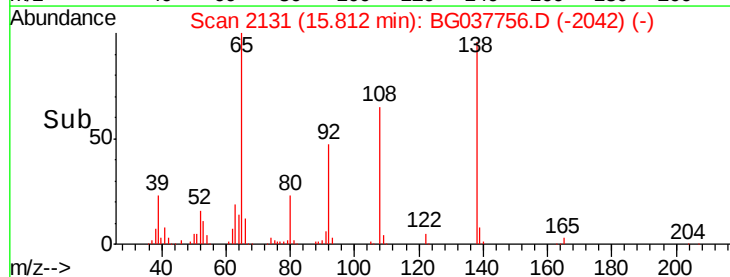
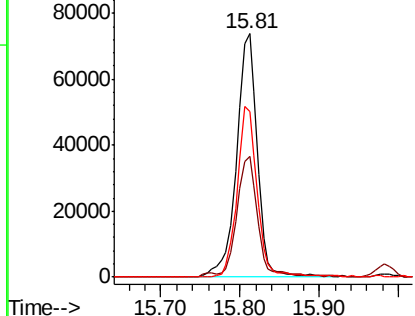


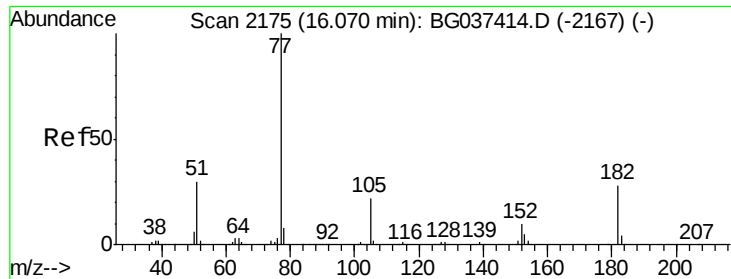
#62
 4-Nitroaniline
 Concen: 39.115 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion:138 Resp: 134410
 Ion Ratio Lower Upper
 138 100
 92 49.7 36.4 76.4
 108 68.1 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

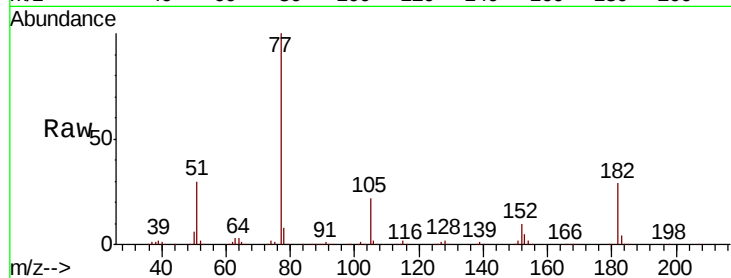




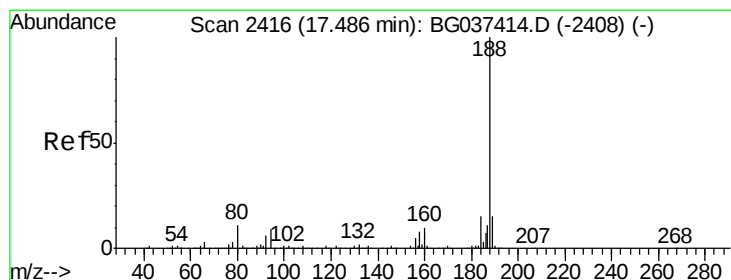
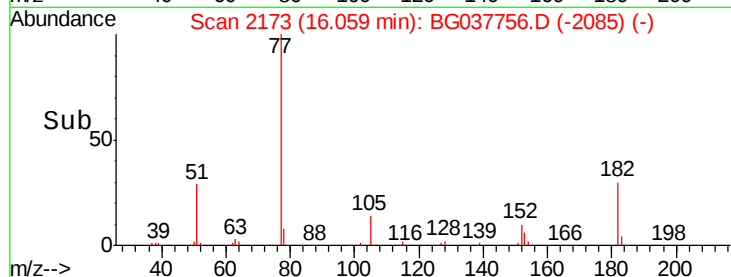
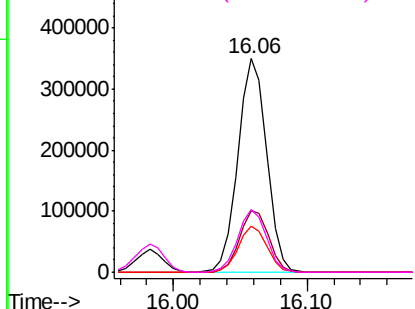
#63
Azobenzene
Concen: 37.505 ng
RT: 16.06 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	517332
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.0	48.0
105	21.5	1.3	41.3
51	29.6	10.7	50.7

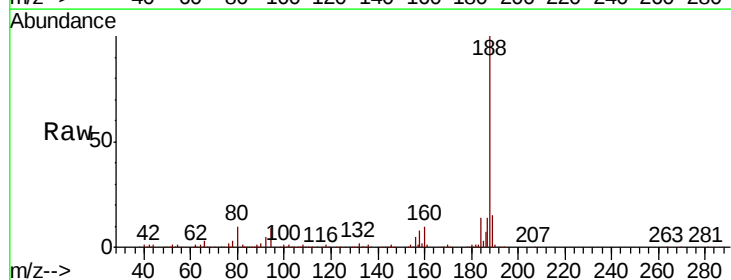


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

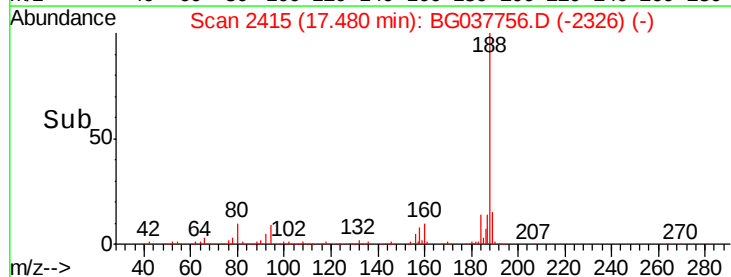
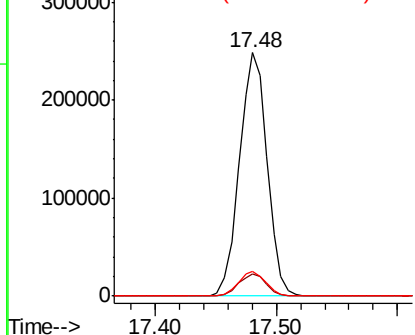


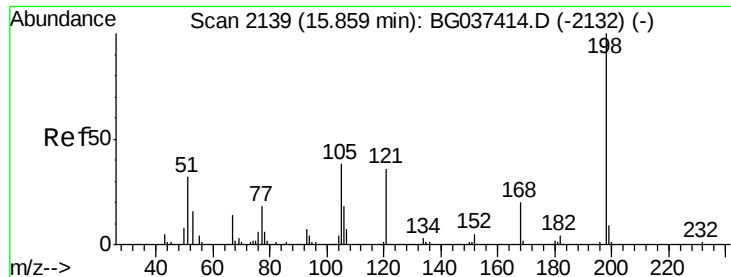
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:	188	Resp:	395404
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.9	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

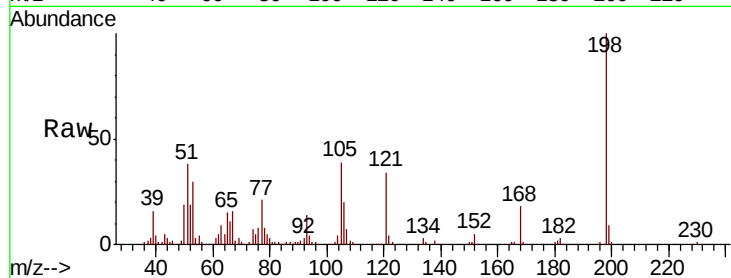




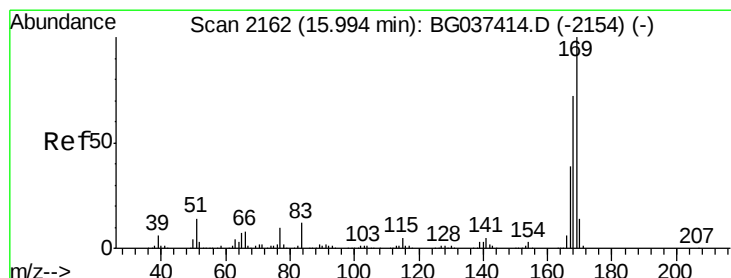
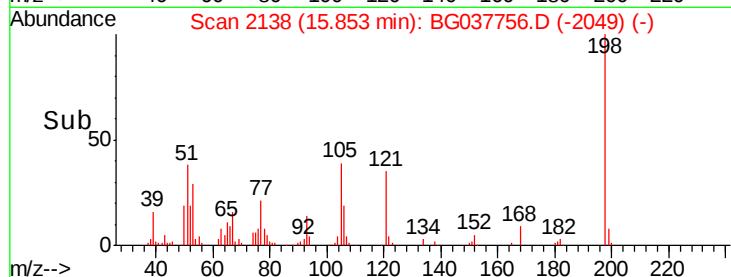
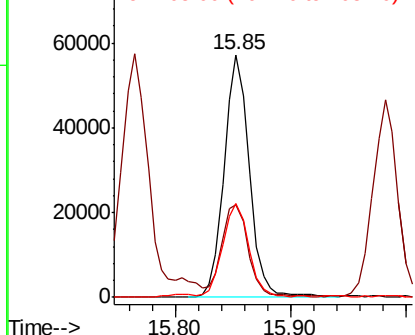
#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.924 ng
 RT: 15.85 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 86794
 Ion Ratio Lower Upper
 198 100
 51 37.9 22.7 62.7
 105 38.8 19.7 59.7

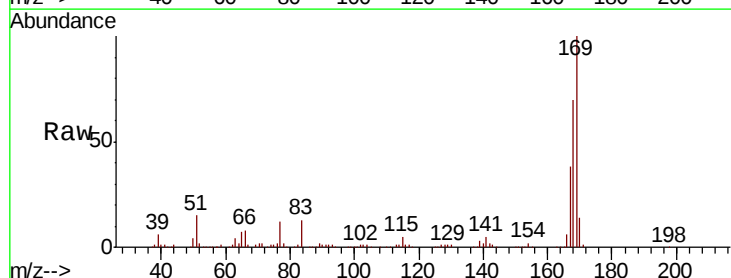


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

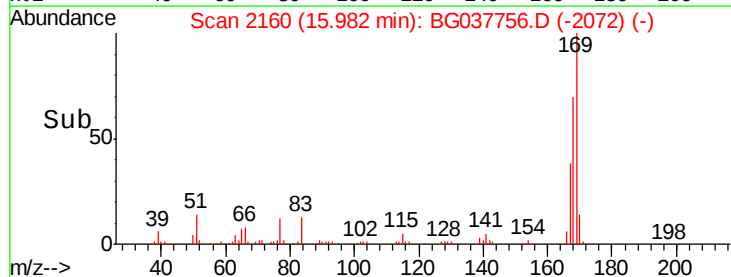
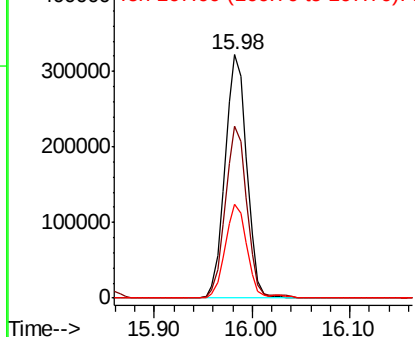


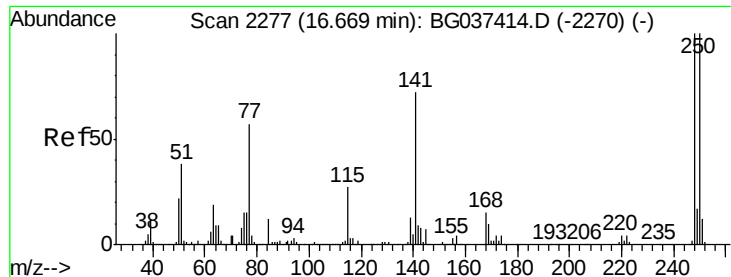
#66
 n-Nitrosodiphenylamine
 Concen: 41.482 ng
 RT: 15.98 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion:169 Resp: 493384
 Ion Ratio Lower Upper
 169 100
 168 70.4 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

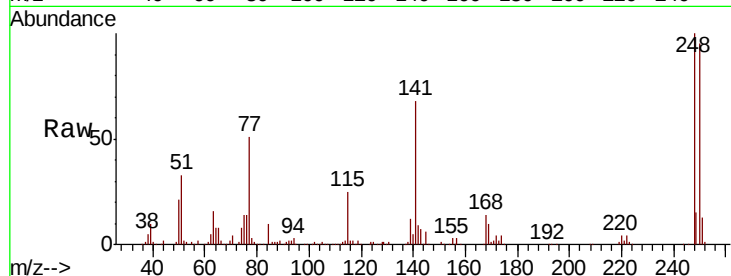




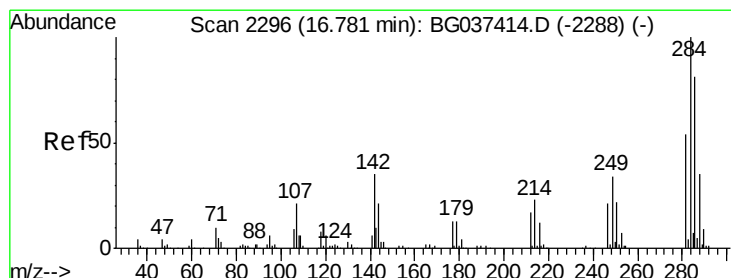
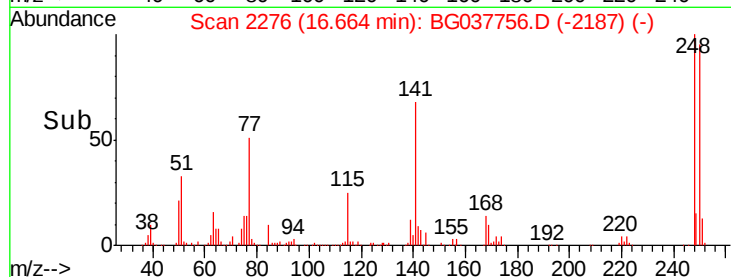
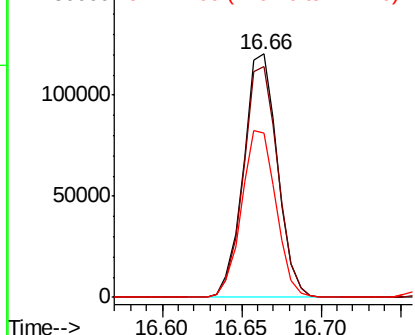
#67
4-Bromophenyl-phenylether
Concen: 41.143 ng
RT: 16.66 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 178651
Ion Ratio Lower Upper
248 100
250 94.6 77.0 115.6
141 67.7 55.5 83.3

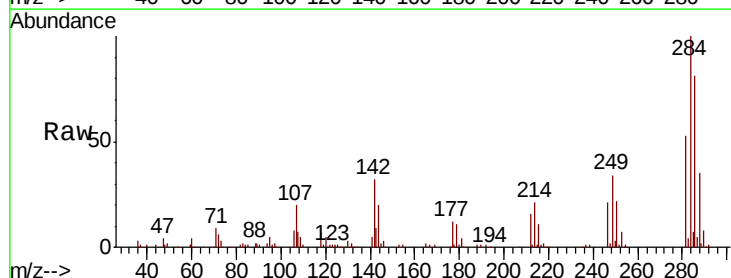


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

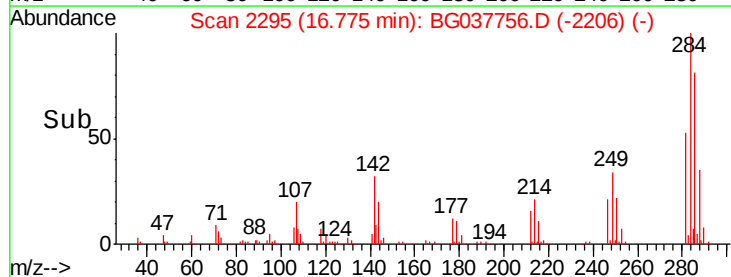
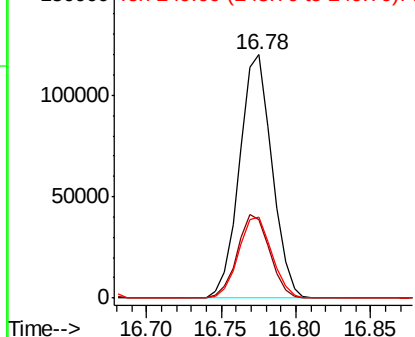


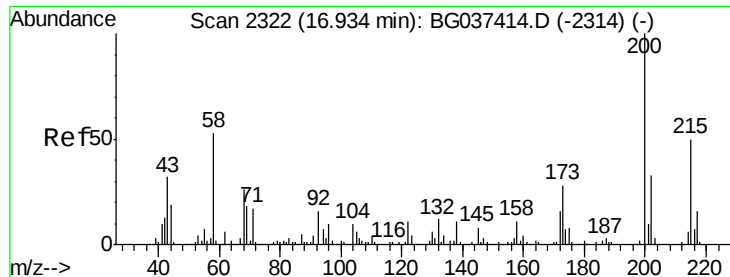
#68
Hexachlorobenzene
Concen: 40.212 ng
RT: 16.78 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:284 Resp: 180966
Ion Ratio Lower Upper
284 100
142 32.5 28.1 42.1
249 36.2 29.8 44.8



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

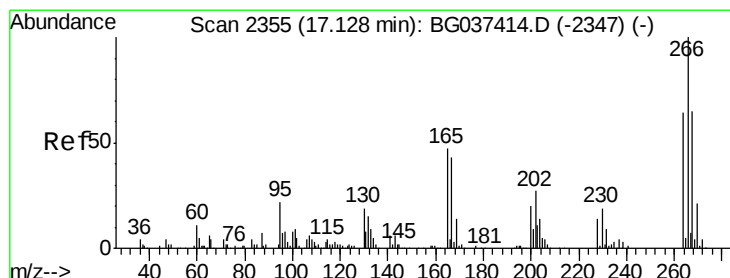
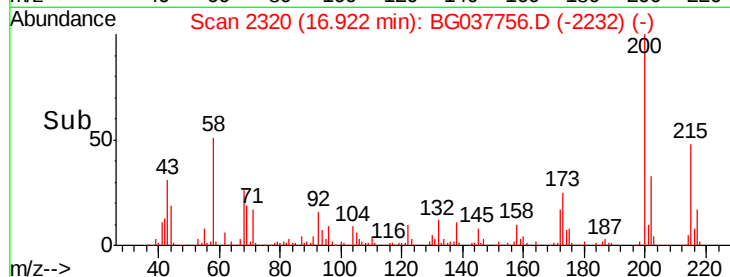
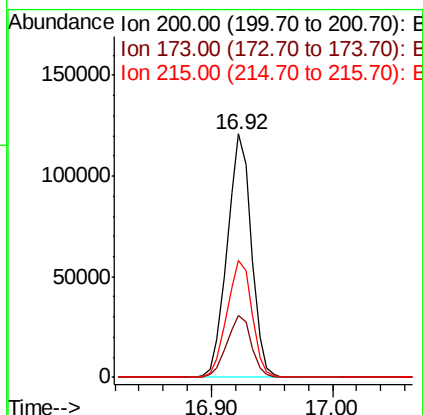
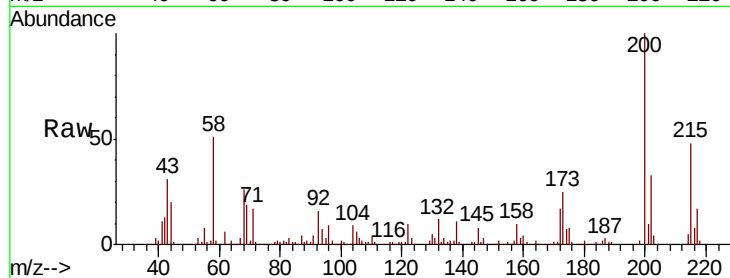




#69
 Atrazine
 Concen: 39.053 ng
 RT: 16.92 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

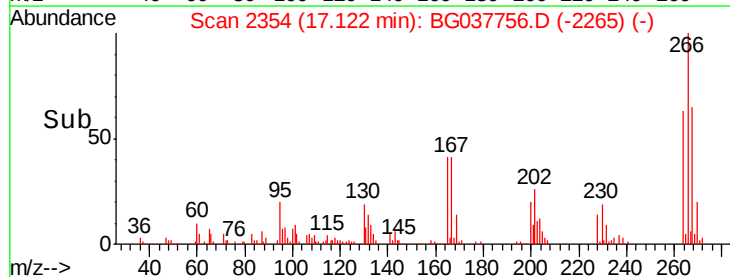
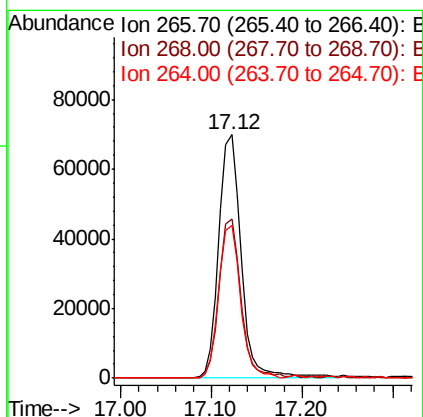
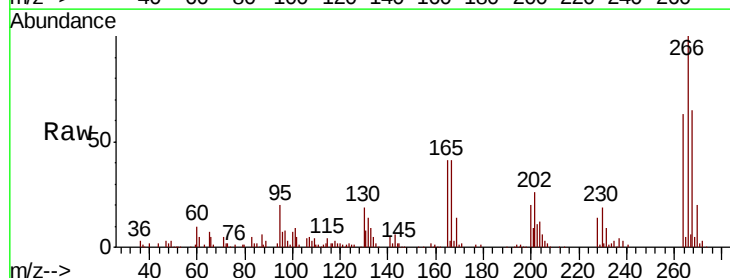
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:200 Resp: 167936
 Ion Ratio Lower Upper
 200 100
 173 25.2 6.1 46.1
 215 48.0 30.8 70.8



#70
 Pentachlorophenol
 Concen: 40.042 ng
 RT: 17.12 min Scan# 2354
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion:266 Resp: 120703
 Ion Ratio Lower Upper
 266 100
 268 69.8 55.0 82.6
 264 67.6 58.9 88.3

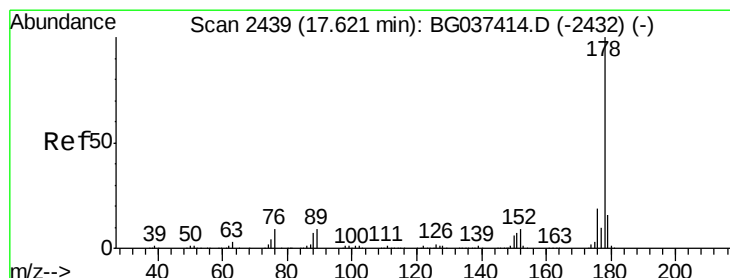
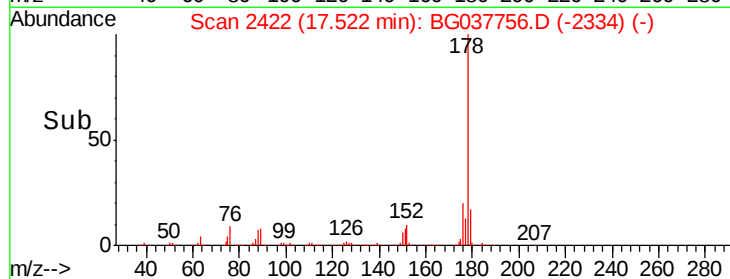
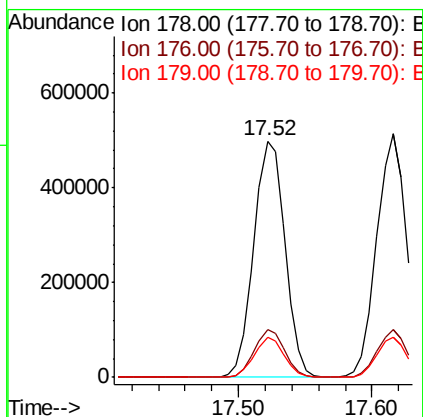
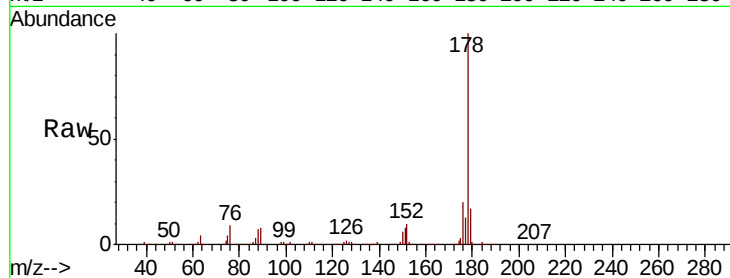




#71
Phenanthrene
Concen: 40.005 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

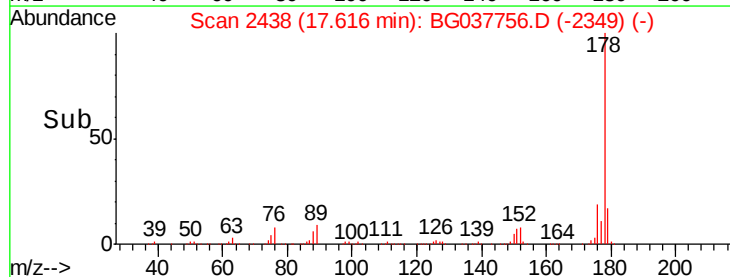
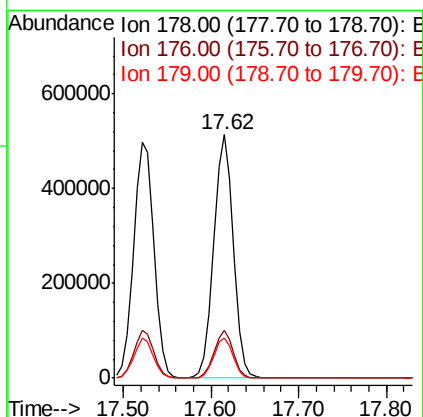
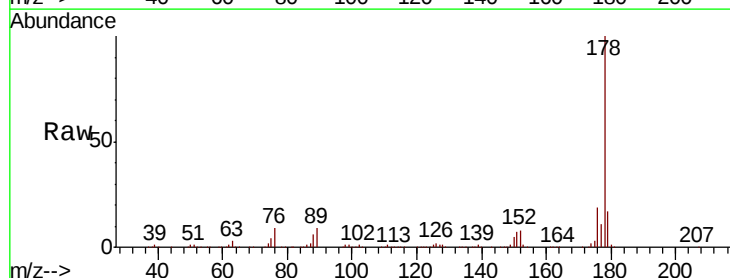
Instrument :
BNA_G
ClientSampleId :

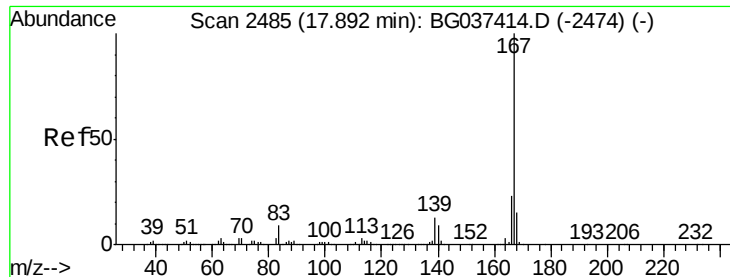
Tot Ion:178 Resp: 803925
Ion Ratio Lower Upper
178 100
176 20.4 16.1 24.1
179 17.0 13.0 19.4



#72
Anthracene
Concen: 40.510 ng
RT: 17.62 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:178 Resp: 798901
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 16.6 12.8 19.2

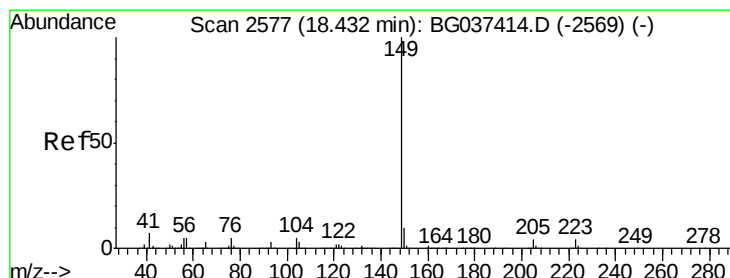
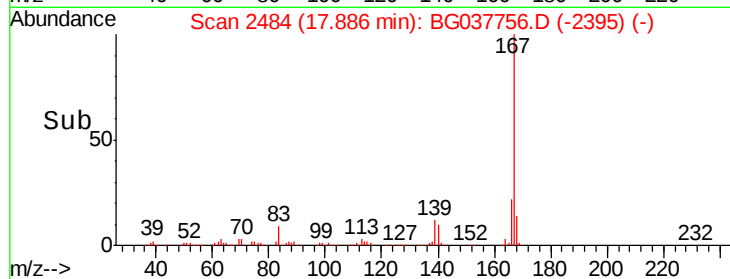
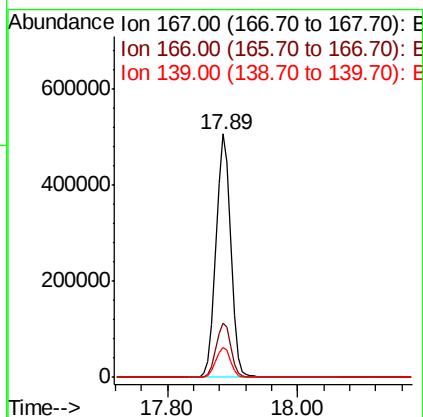
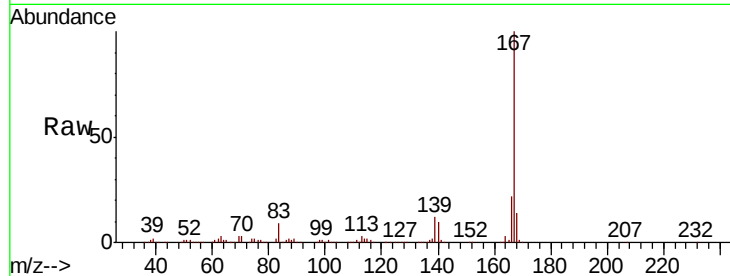




#73
 Carbazole
 Concen: 40.496 ng
 RT: 17.89 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

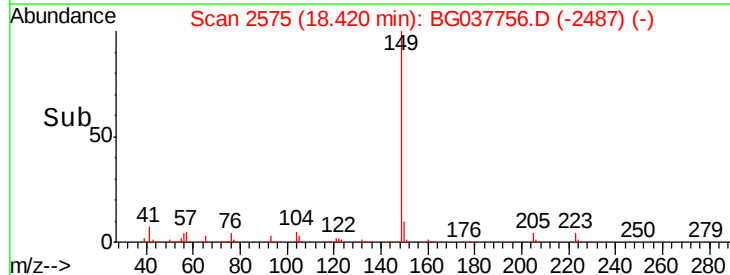
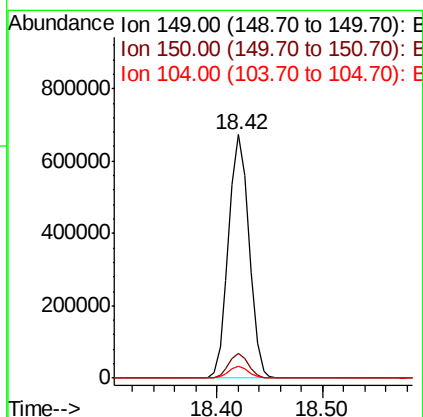
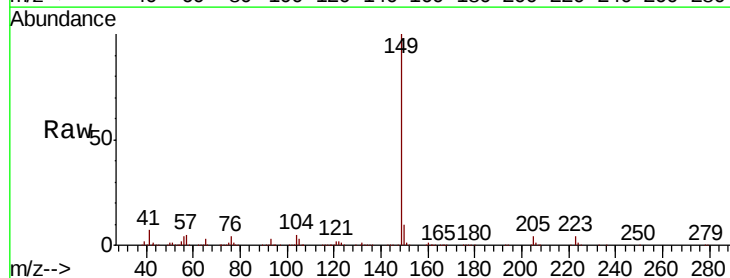
Instrument :
 BNA_G
 ClientSampleId :

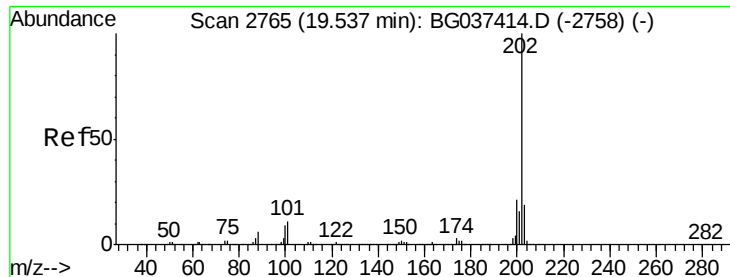
Tot Ion:167 Resp: 798865
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.3 27.5
 139 12.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 41.101 ng
 RT: 18.42 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion:149 Resp: 901932
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.2
 104 4.8 4.0 6.0





#75

Fluoranthene

Concen: 40.181 ng

RT: 19.53 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

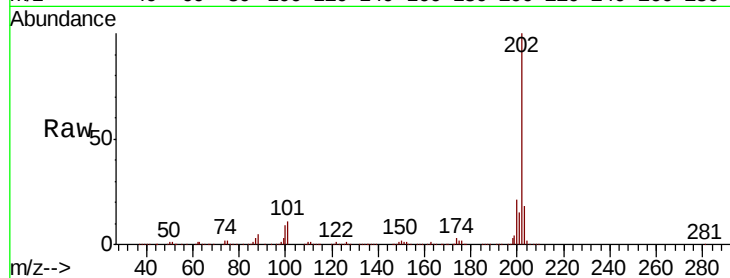
Tot Ion:202 Resp: 915818

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.7

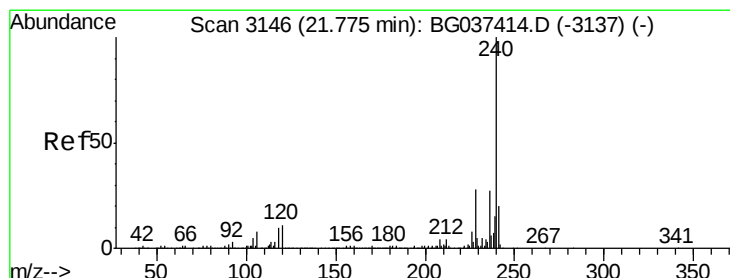
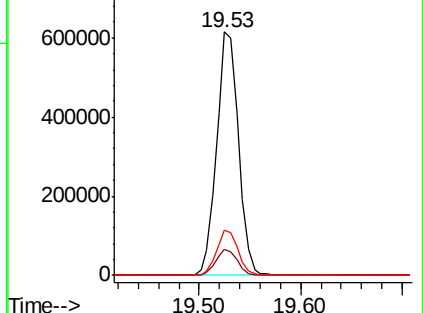
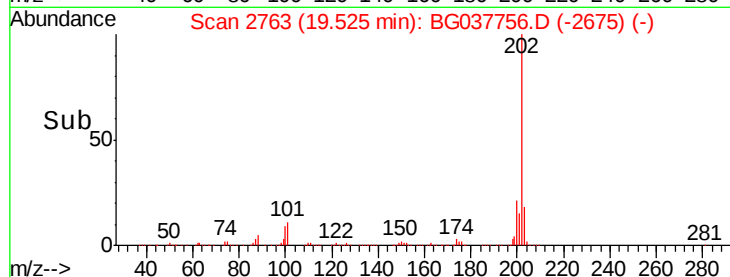
203 18.4 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

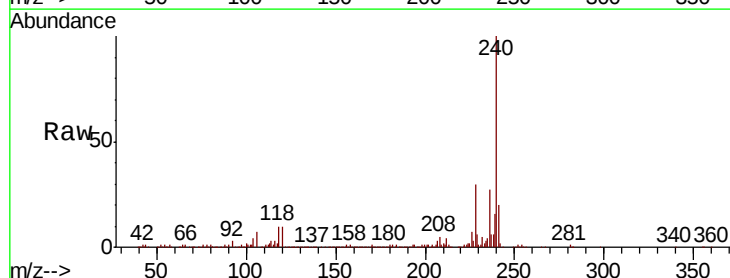
Tgt Ion:240 Resp: 360855

Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

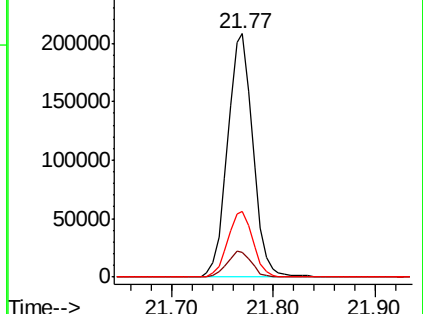
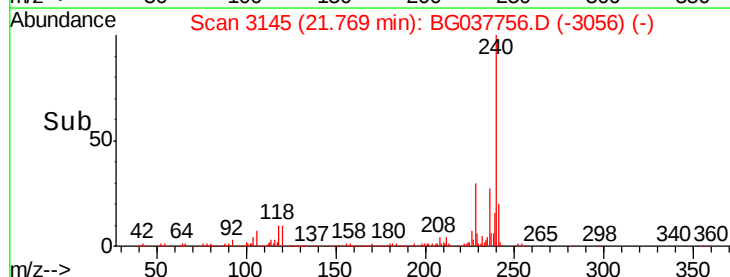
236 27.0 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.242 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

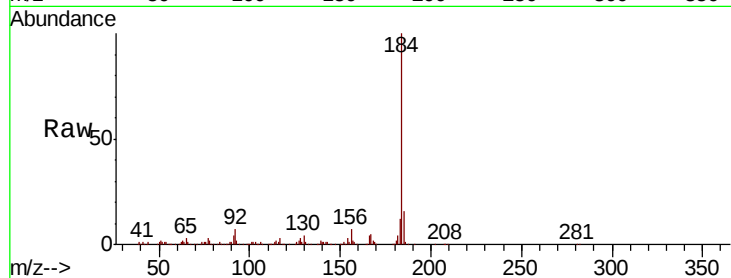
Tot Ion:184 Resp: 420149

Ion Ratio Lower Upper

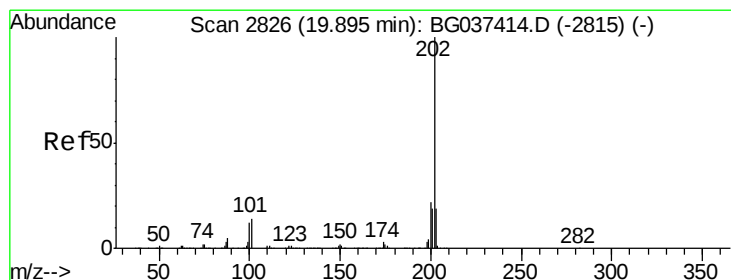
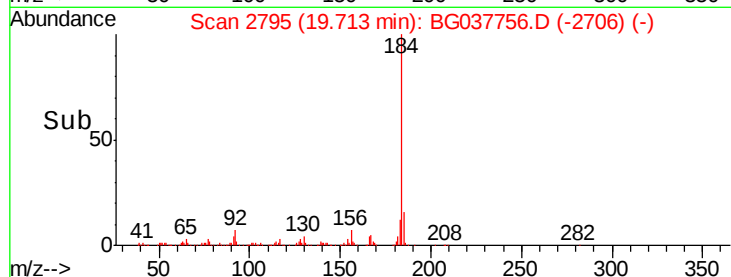
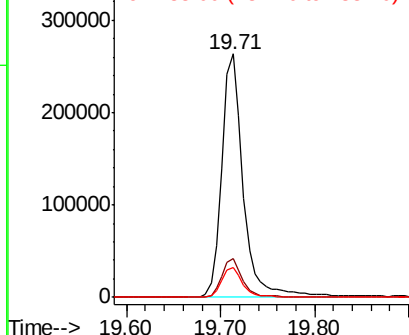
184 100

185 15.9 12.6 18.8

183 12.1 10.2 15.2



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



#78

Pyrene

Concen: 39.439 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

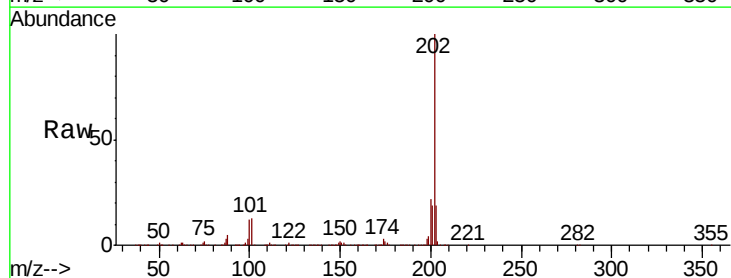
Tgt Ion:202 Resp: 930341

Ion Ratio Lower Upper

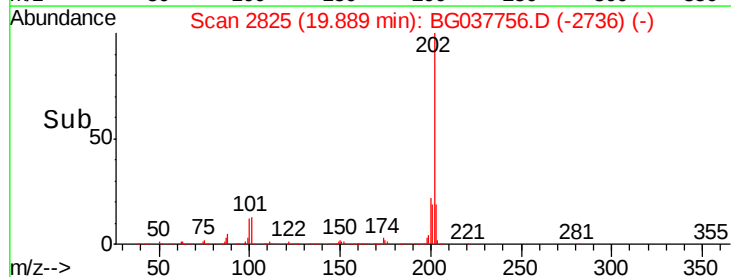
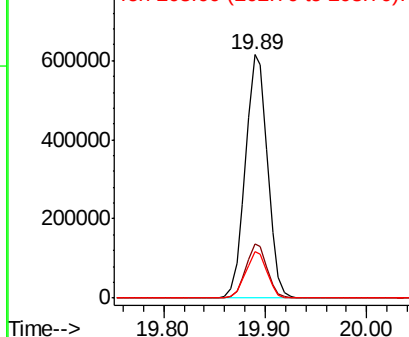
202 100

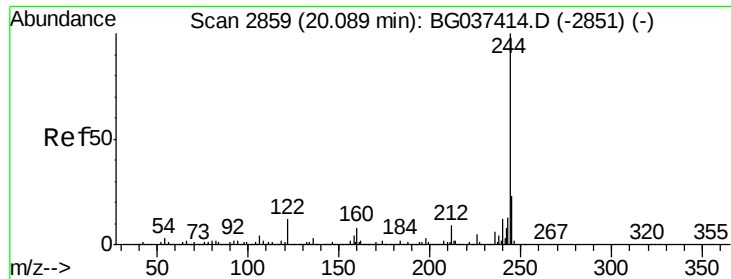
200 22.3 17.8 26.6

203 19.2 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.721 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

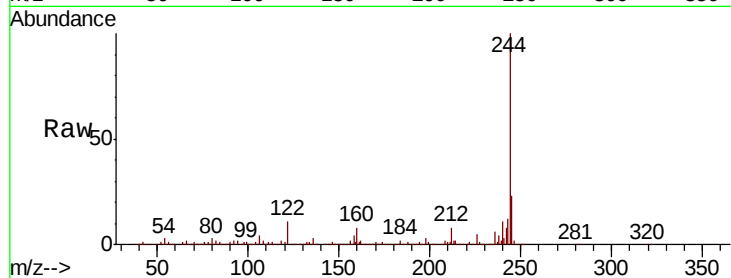
Tot Ion:244 Resp: 1346319

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

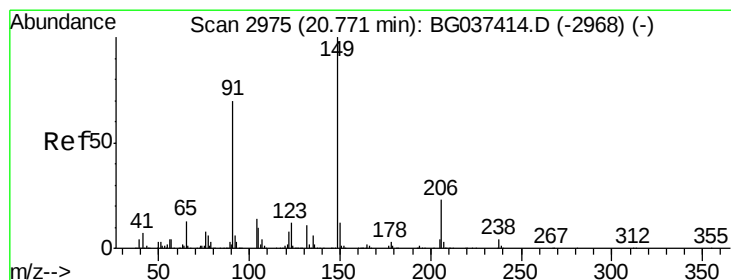
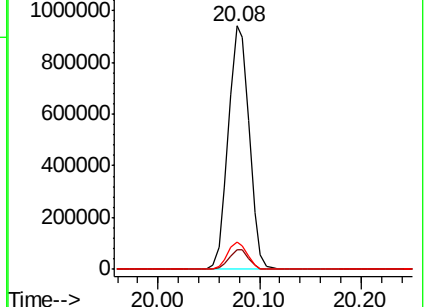
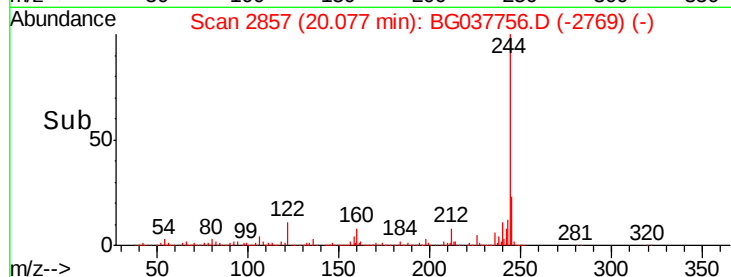
122 11.2 9.0 13.4



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: 42.271 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

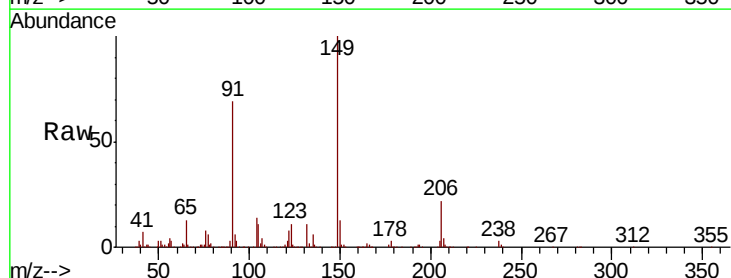
Tgt Ion:149 Resp: 408101

Ion Ratio Lower Upper

149 100

91 69.4 57.0 85.4

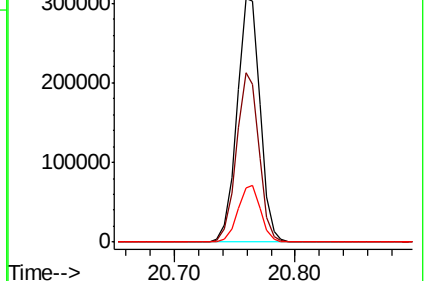
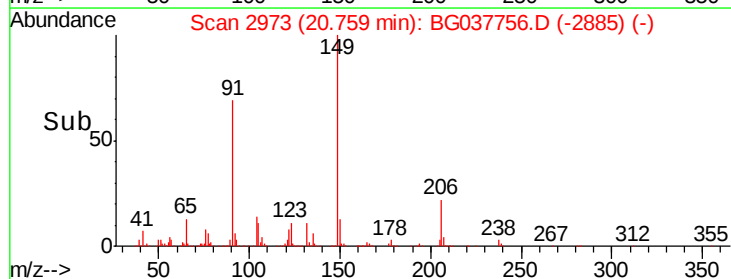
206 22.0 17.8 26.6

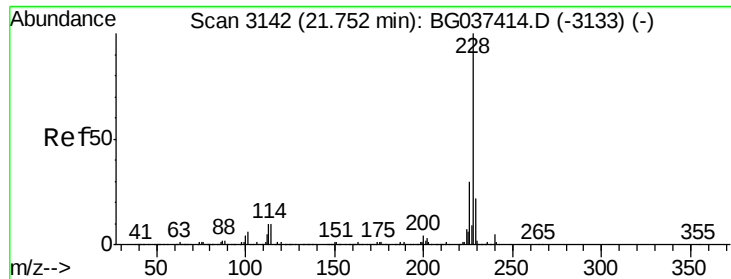


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.048 ng

RT: 21.75 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

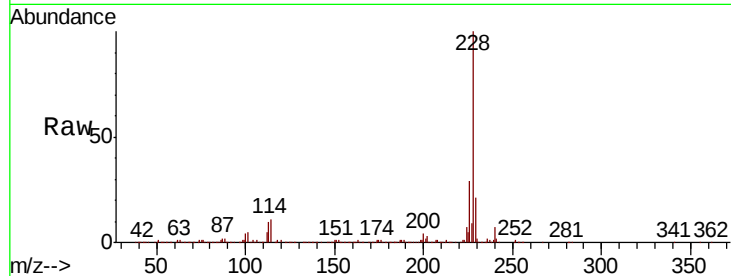
Tot Ion:228 Resp: 854791

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.9	16.3	24.5

228 100

226 28.7 22.6 33.8

229 20.9 16.3 24.5

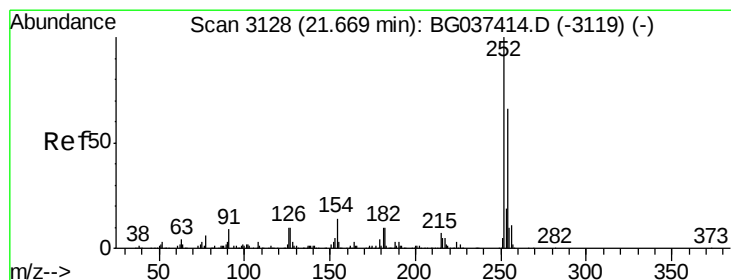
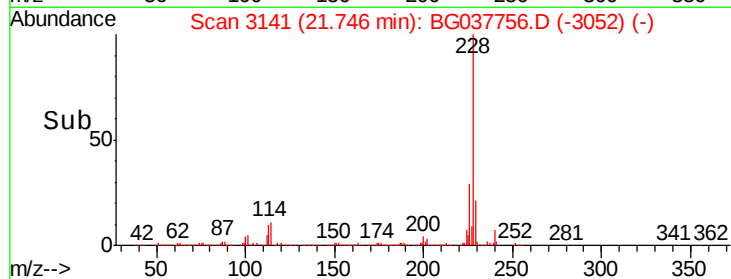
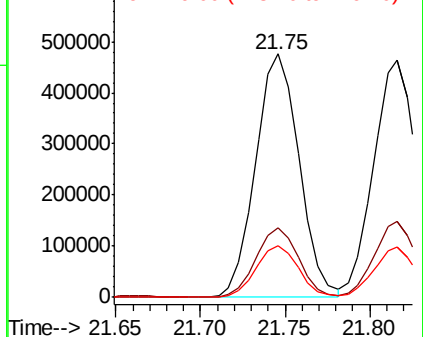


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.465 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

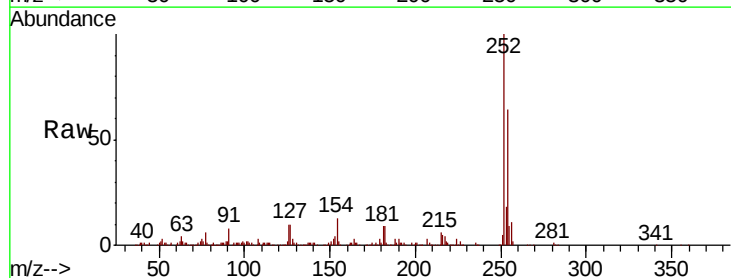
Tgt Ion:252 Resp: 334776

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.0	78.0
126	10.1	8.2	12.4

252 100

254 64.3 52.0 78.0

126 10.1 8.2 12.4

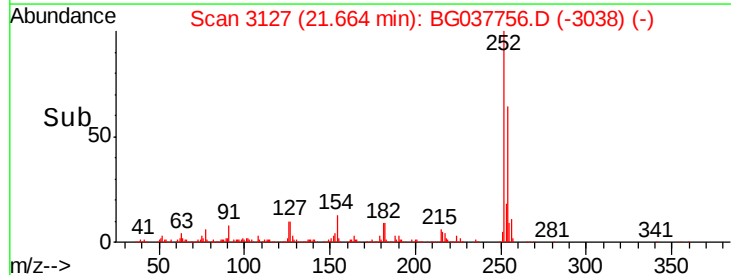
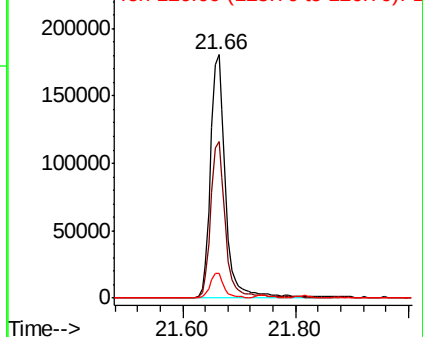


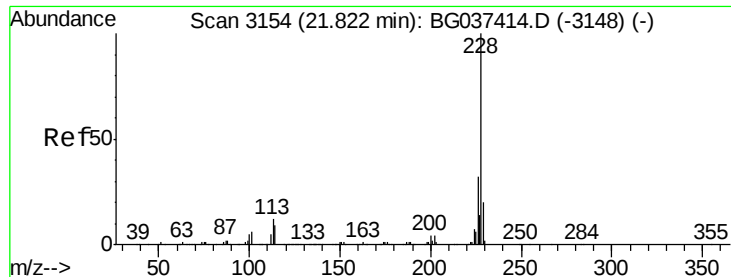
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

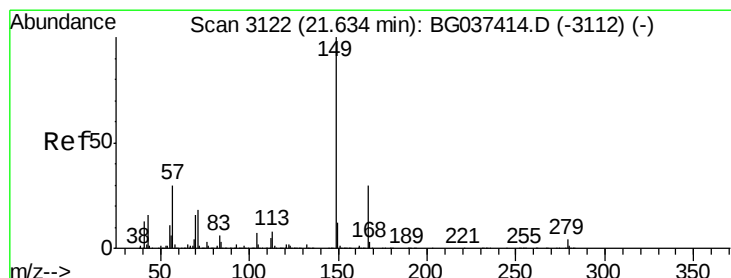
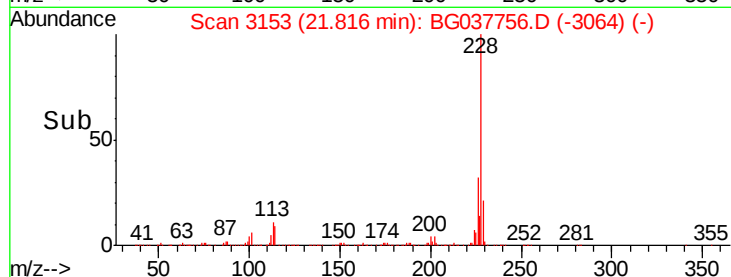
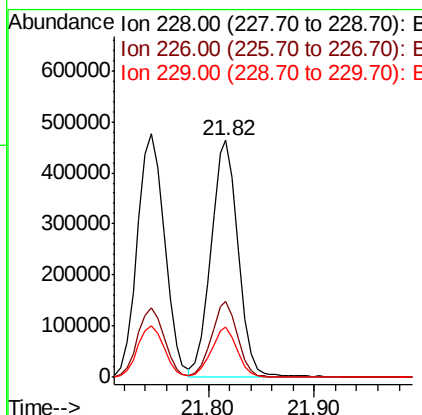
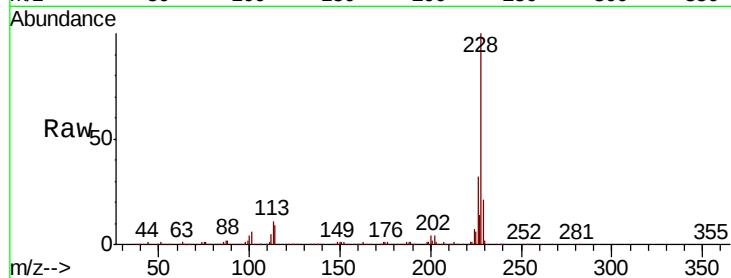




#83
 Chrysene
 Concen: 40.179 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

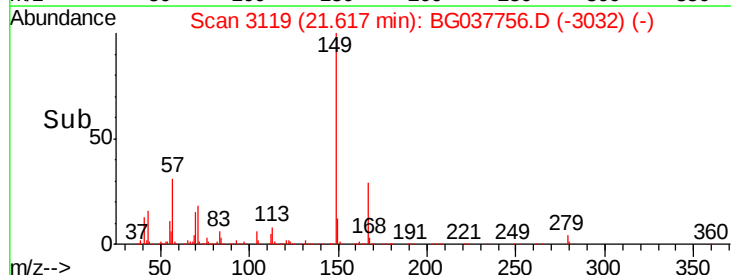
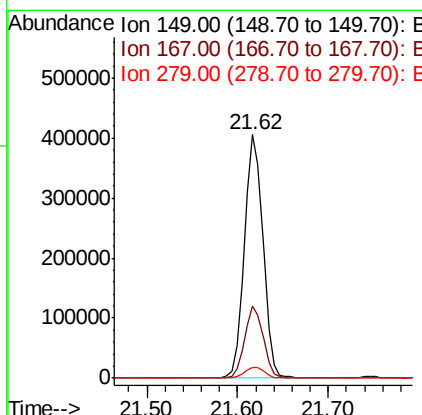
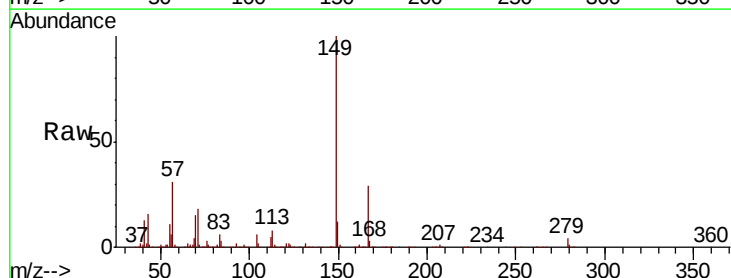
Instrument :
 BNA_G
 ClientSampleId :

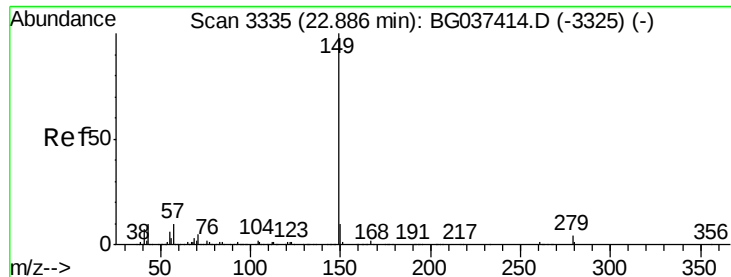
Tot Ion:228 Resp: 824640
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.7 38.5
 229 21.3 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.565 ng
 RT: 21.62 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BG037756.D
 Acq: 2 Nov 2018 16:02

Tgt Ion:149 Resp: 576014
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.0 34.4
 279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 43.328 ng

RT: 22.86 min Scan# 3331

Delta R.T. -0.02 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampleId :

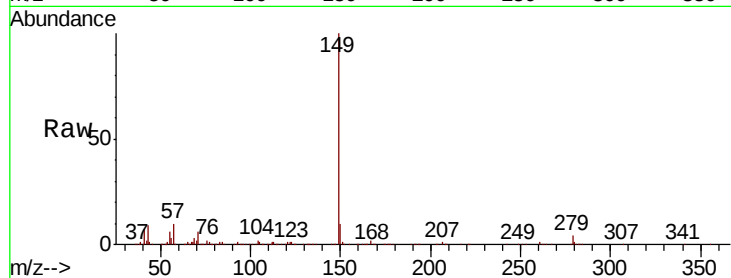
Tot Ion:149 Resp: 956131

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

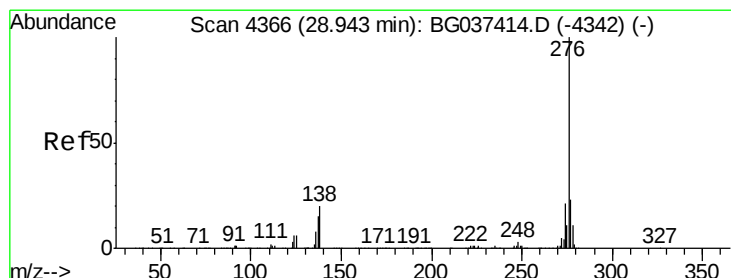
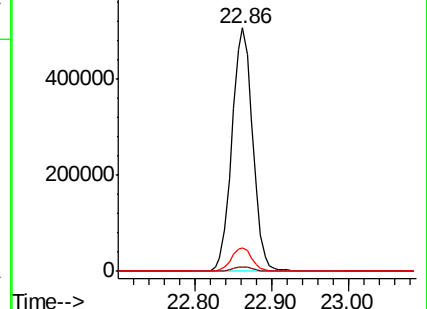
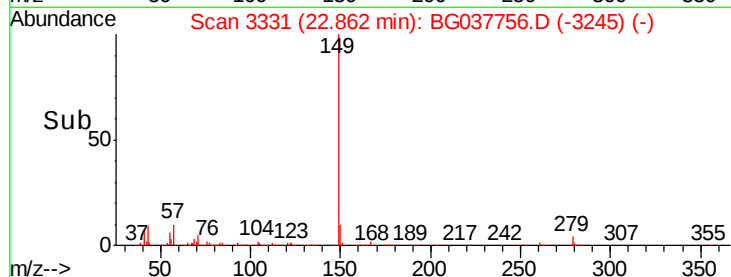
43 9.6 8.7 13.1



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: 33.815 ng

RT: 28.92 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

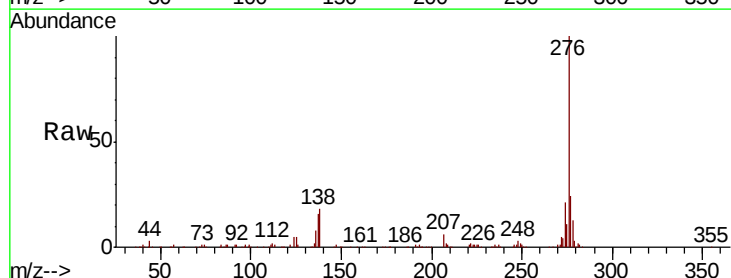
Tgt Ion:276 Resp: 744388

Ion Ratio Lower Upper

276 100

138 8.9 12.0 18.0#

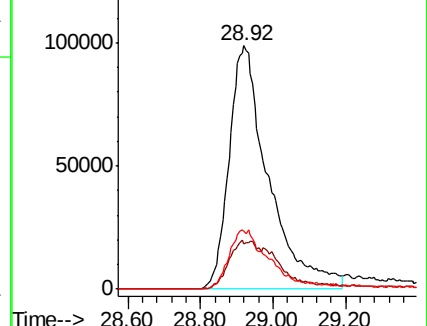
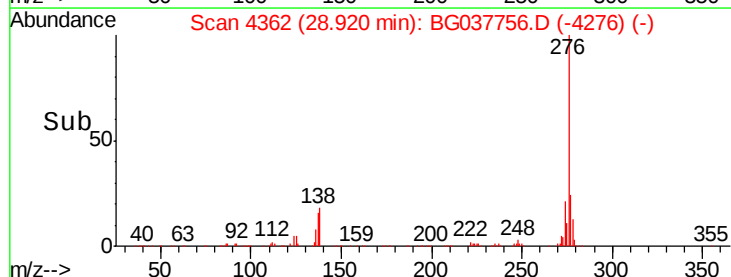
277 24.2 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

Instrument :

BNA_G

ClientSampled :

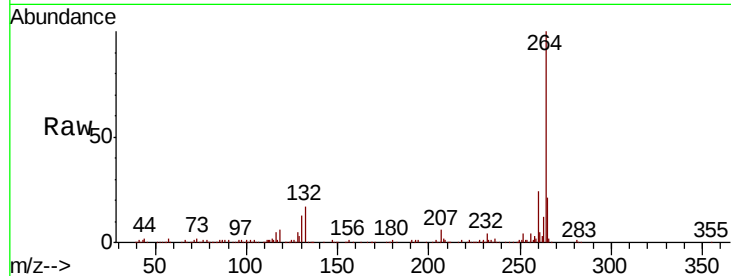
Tot Ion:264 Resp: 367447

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

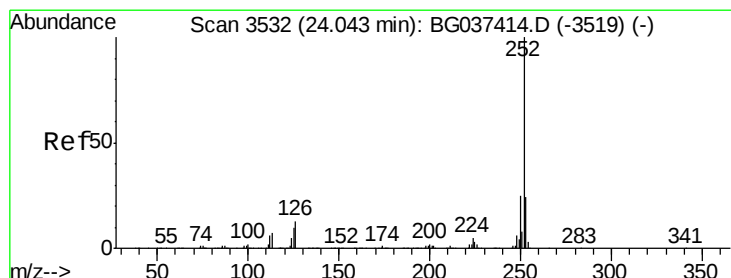
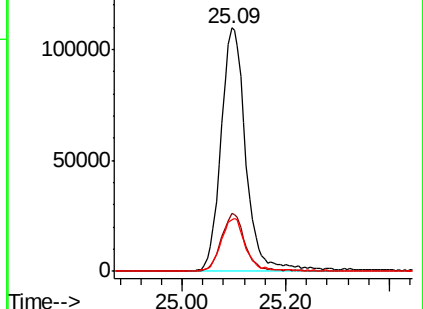
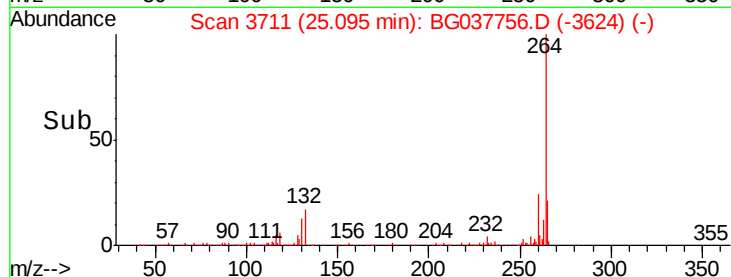
265 21.0 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.118 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG037756.D

Acq: 2 Nov 2018 16:02

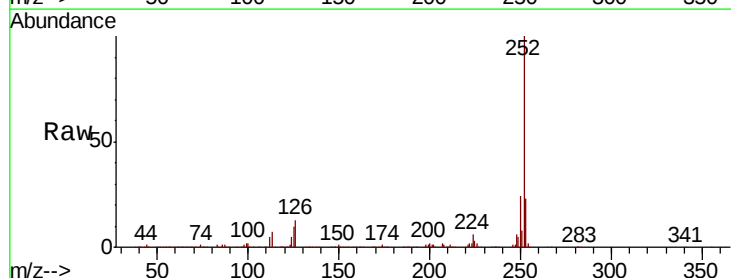
Tgt Ion:252 Resp: 788015

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

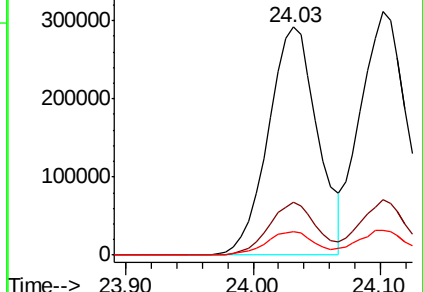
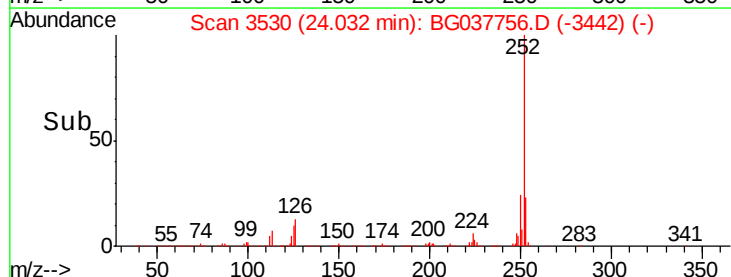
125 10.3 7.8 11.6

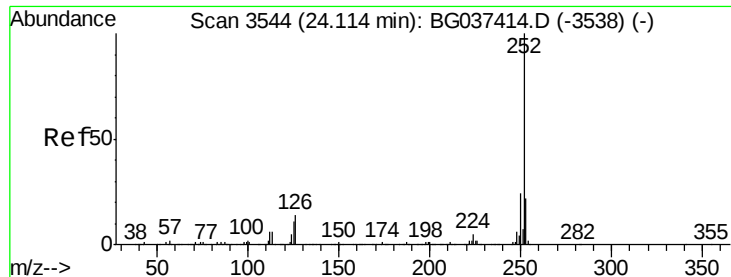


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

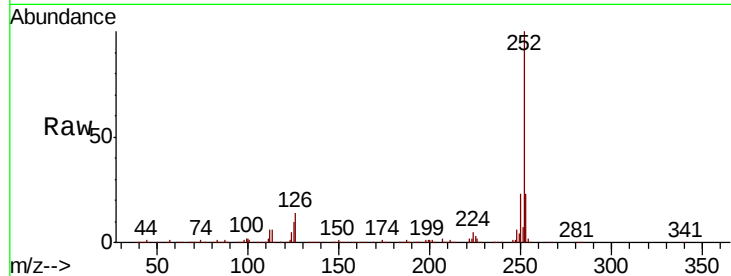




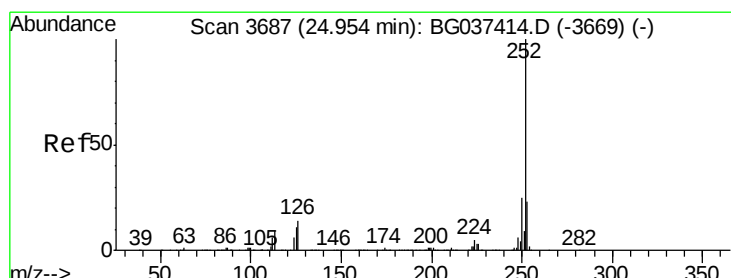
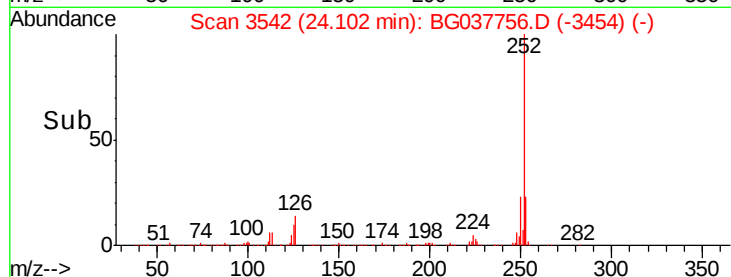
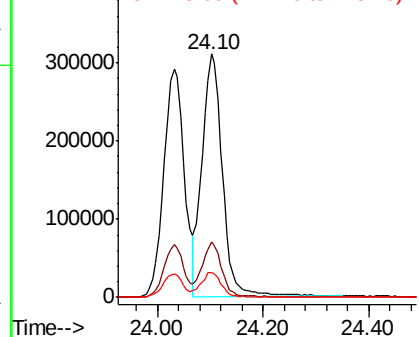
#89
Benzo(k)fluoranthene
Concen: 42.281 ng
RT: 24.10 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 834482
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.1 7.4 11.0

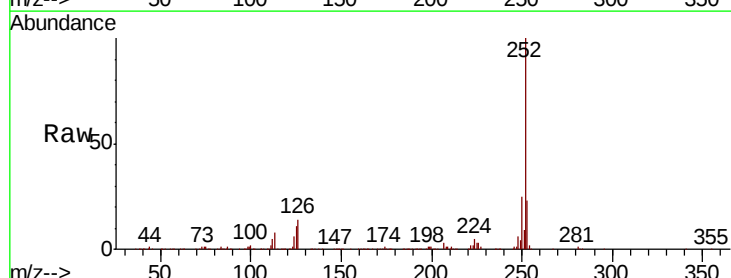


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

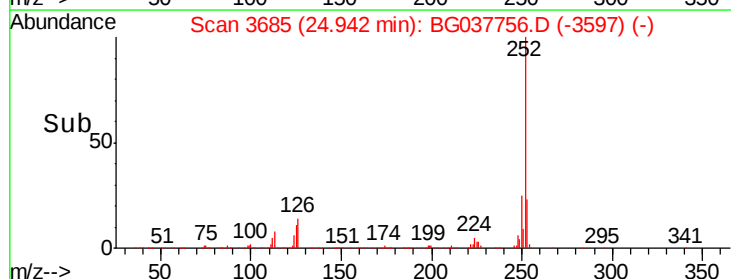
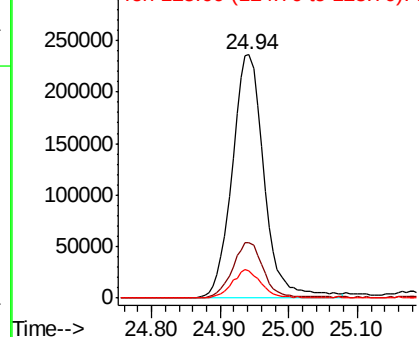


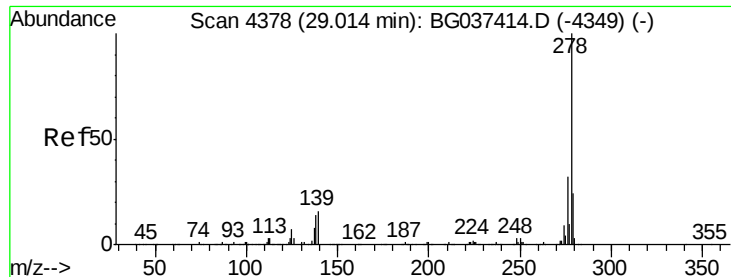
#90
Benzo(a)pyrene
Concen: 39.664 ng
RT: 24.94 min Scan# 3685
Delta R.T. -0.01 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion:252 Resp: 759250
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 11.0 9.0 13.6



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

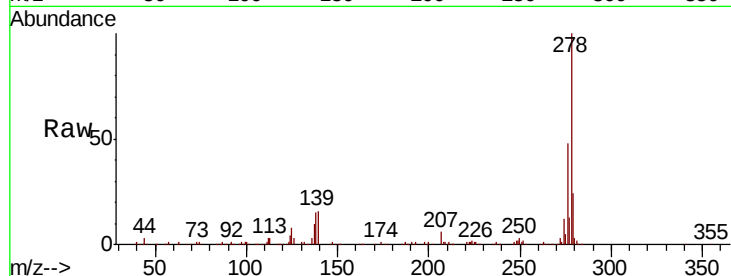




#91
Dibenzo(a,h)anthracene
Concen: 32.118 ng
RT: 28.99 min Scan# 4374
Delta R.T. -0.02 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.5	17.3
279	23.8	18.6	27.8

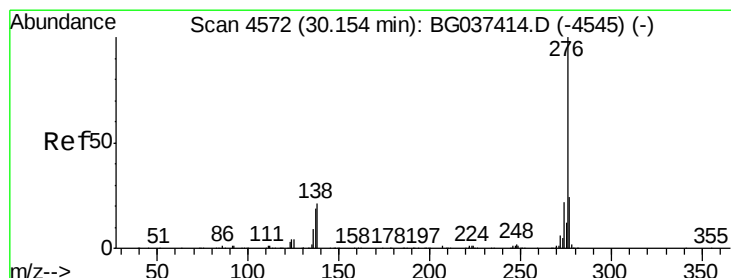
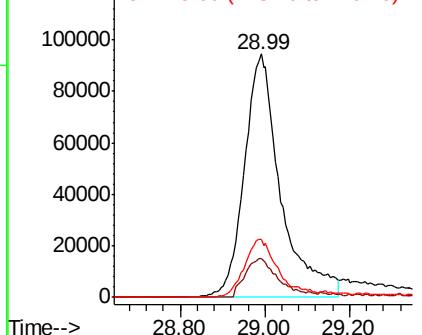
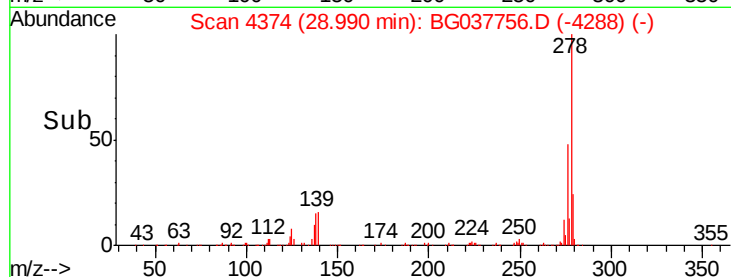


Abundance

Ion 278.00 (277.70 to 278.70): E

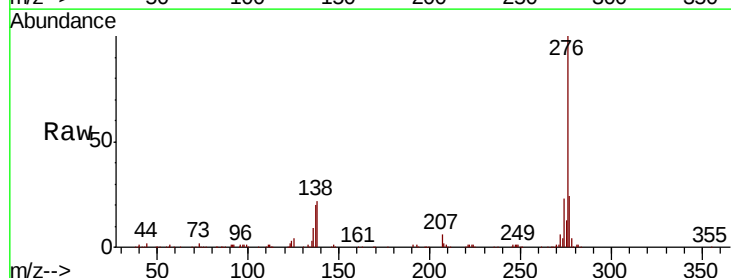
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 32.560 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037756.D
Acq: 2 Nov 2018 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	22.3	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

