

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039727.D
 Acq On : 4 Mar 2019 12:19
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 13:46:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 11:45:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42804	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	201542	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	137708	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	327651	20.00	ng	0.00
76) Chrysene-d12	21.82	240	318625	20.00	ng	0.00
87) Perylene-d12	25.20	264	333139	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	306902	122.71	ng	0.00
7) Phenol-d6	7.30	99	462667	125.68	ng	0.00
23) Nitrobenzene-d5	9.34	82	454759	140.96	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	201255	135.72	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1083831	112.91	ng	0.00
79) Terphenyl-d14	20.12	244	1617902	107.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	69770	63.776	ng	95
3) Pyridine	4.00	79	182205	62.907	ng	99
4) n-Nitrosodimethylamine	3.91	42	93457	64.518	ng	# 92
6) Aniline	7.48	93	301388	65.360	ng	99
8) 2-Chlorophenol	7.72	128	185732	67.940	ng	98
9) Benzaldehyde	7.30	77	136143	67.826	ng	97
10) Phenol	7.33	94	249418	64.995	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	193197	63.712	ng	95
12) 1,3-Dichlorobenzene	8.04	146	207463	62.645	ng	96
13) 1,4-Dichlorobenzene	8.20	146	209079	63.340	ng	99
14) 1,2-Dichlorobenzene	8.51	146	197749	61.883	ng	95
15) Benzyl Alcohol	8.40	79	188382	65.181	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	371741	54.287	ng	100
17) 2-Methylphenol	8.59	107	162484	65.429	ng	97
18) Hexachloroethane	9.24	117	76317	67.202	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	165368	63.290	ng	99
20) 3+4-Methylphenols	8.92	107	225205	65.855	ng	97
22) Acetophenone	8.99	105	326405	60.292	ng	# 96
24) Nitrobenzene	9.38	77	236279	67.793	ng	98
25) Isophorone	9.89	82	478407	66.919	ng	99
26) 2-Nitrophenol	10.09	139	121133	94.886	ng	99
27) 2,4-Dimethylphenol	10.13	122	179105	61.931	ng	95
28) bis(2-Chloroethoxy)methane	10.38	93	284122	64.523	ng	99
29) 2,4-Dichlorophenol	10.62	162	207512	65.653	ng	98
30) 1,2,4-Trichlorobenzene	10.83	180	223457	62.971	ng	99
31) Naphthalene	11.03	128	630883	63.099	ng	99
32) Benzoic acid	10.28	122	123927	75.415	ng	95
33) 4-Chloroaniline	11.14	127	278494	60.073	ng	98
34) Hexachlorobutadiene	11.29	225	151817	64.332	ng	99
35) Caprolactam	11.94	113	78674	60.151	ng	97
36) 4-Chloro-3-methylphenol	12.24	107	232291	63.547	ng	98
37) 2-Methylnaphthalene	12.62	142	474302	64.049	ng	97
38) 1-Methylnaphthalene	12.84	142	461384	64.634	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	275676	62.919	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	159836	66.946	nq	100
43) 2,4,6-Trichlorophenol	13.22	196	170788	63.397	nq	99
44) 2,4,5-Trichlorophenol	13.29	196	193397	68.496	nq	97
46) 1,1'-Biphenyl	13.62	154	654358	57.111	nq	99
47) 2-Chloronaphthalene	13.67	162	496430	57.595	nq	99
48) 2-Nitroaniline	13.88	65	172405	78.810	nq	99
49) Acenaphthylene	14.51	152	819409	63.003	nq	98
50) Dimethylphthalate	14.23	163	666746	59.949	nq	98
51) 2,6-Dinitrotoluene	14.36	165	149279	79.417	nq	99
52) Acenaphthene	14.85	154	494798	58.609	nq	98
53) 3-Nitroaniline	14.70	138	150168	73.107	nq	97
54) 2,4-Dinitrophenol	14.90	184	88678	125.723	nq	96
55) Dibenzofuran	15.18	168	795506	58.770	nq	99
56) 4-Nitrophenol	14.99	139	134247	76.817	nq	98
57) 2,4-Dinitrotoluene	15.15	165	210983	89.058	nq	95
58) Fluorene	15.83	166	626858	62.124	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	187699	70.999	nq	99
60) Diethylphthalate	15.59	149	662432	57.607	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	336537	58.902	nq	98
62) 4-Nitroaniline	15.87	138	162487	74.546	nq	99
63) Azobenzene	16.11	77	597808	53.189	nq	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	123965	102.946	nq	98
66) n-Nitrosodiphenylamine	16.03	169	566277	56.839	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	222236	61.139	nq	96
68) Hexachlorobenzene	16.83	284	229228	62.855	nq	98
69) Atrazine	16.97	200	225376	61.903	nq	99
70) Pentachlorophenol	17.17	266	153447	60.539	nq	98
71) Phenanthrene	17.57	178	1033568	60.948	nq	98
72) Anthracene	17.67	178	1026893	61.476	nq	98
73) Carbazole	17.94	167	920452	55.215	nq	99
74) Di-n-butylphthalate	18.46	149	1087760	55.932	nq	99
75) Fluoranthene	19.57	202	1215349	61.745	nq	98
77) Benzidine	19.76	184	626528	59.976	nq	98
78) Pyrene	19.94	202	1204537	60.727	nq	97
80) Butylbenzylphthalate	20.80	149	502870	60.100	nq	99
81) Benzo(a)anthracene	21.80	228	1176867	62.508	nq	98
82) 3,3'-Dichlorobenzidine	21.71	252	442668	63.410	nq	98
83) Chrysene	21.87	228	1132299	63.178	nq	97
84) Bis(2-ethylhexyl)phthalate	21.67	149	708095	59.319	nq	99
85) Di-n-octyl phthalate	22.92	149	1181017	59.886	nq	99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1366616	71.070	nq	99
88) Benzo(b)fluoranthene	24.12	252	1188256	65.404	nq	99
89) Benzo(k)fluoranthene	24.19	252	1108273	60.760	nq	100
90) Benzo(a)pyrene	25.04	252	1117520	63.869	nq	99
91) Dibenzo(a,h)anthracene	29.15	278	1084989	66.215	nq	99
92) Benzo(g,h,i)perylene	30.32	276	1102721	67.518	nq	98

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

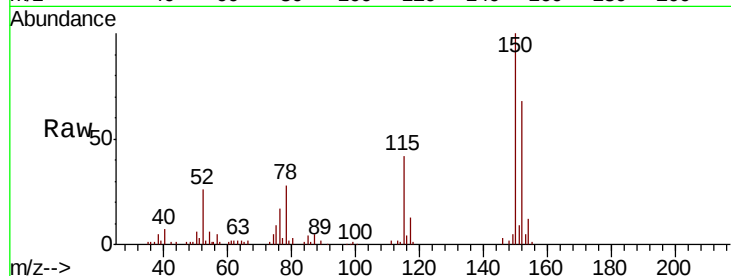


#1

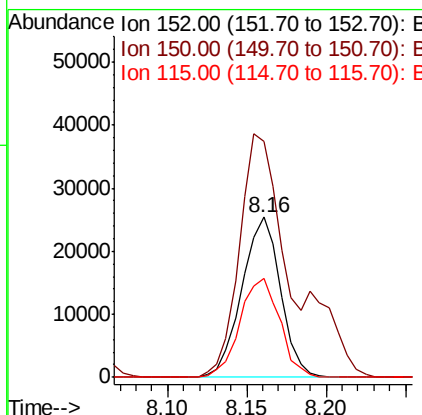
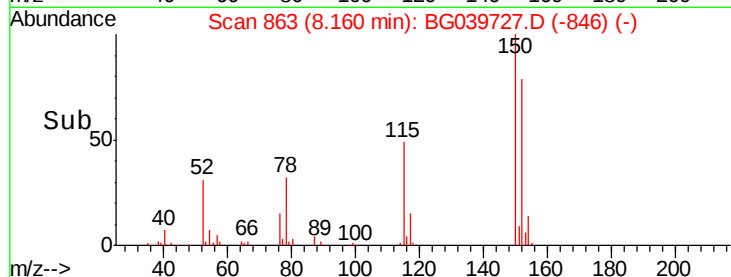
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 42804
Ion Ratio Lower Upper
152 100
150 147.8 118.2 177.4
115 62.1 50.0 75.0



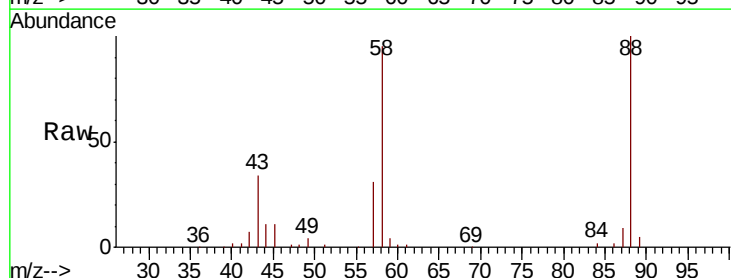
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



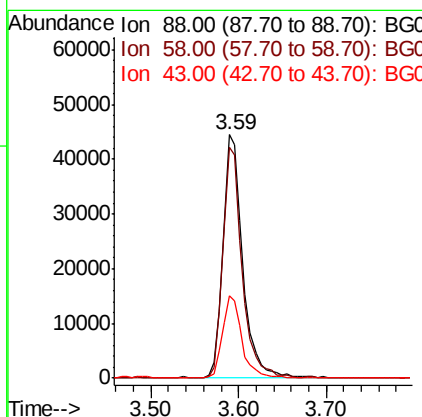
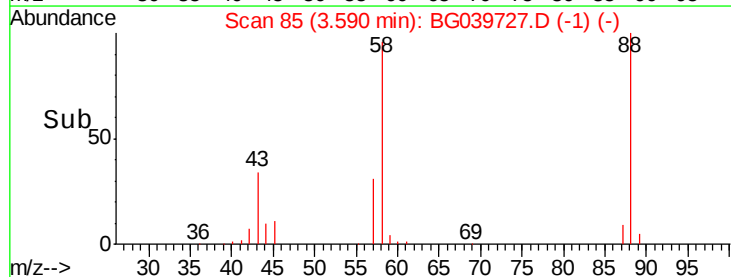
#2

1,4-Dioxane
Concen: 63.776 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion: 88 Resp: 69770
Ion Ratio Lower Upper
88 100
58 92.0 78.1 117.1
43 33.0 25.9 38.9



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: 62.907 ng

RT: 4.00 min Scan# 154

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

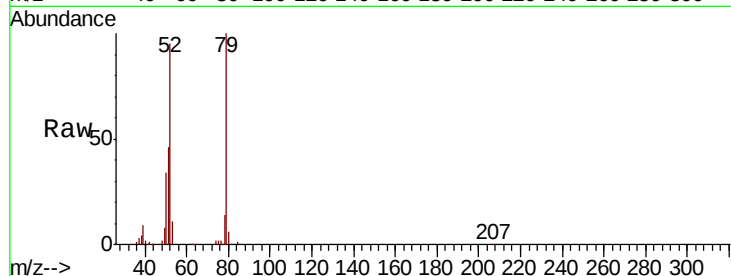
Tot Ion: 79 Resp: 182205

Ion Ratio Lower Upper

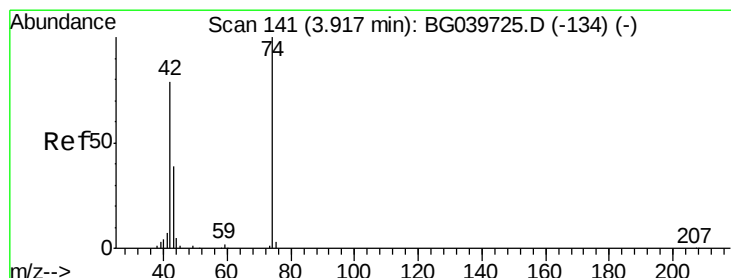
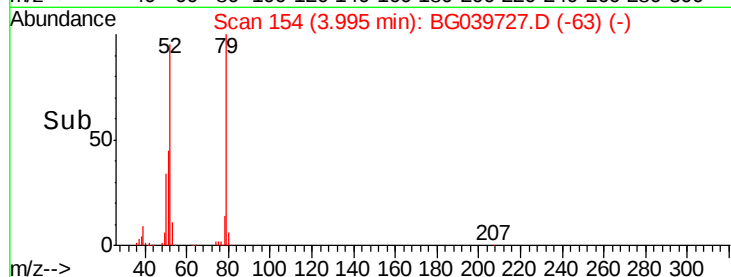
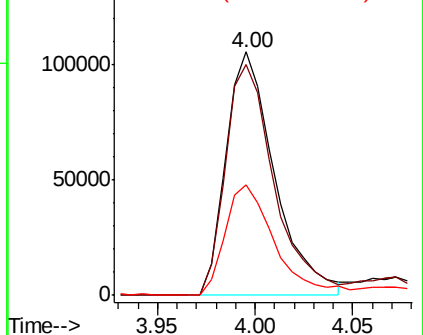
79 100

52 94.8 75.4 113.2

51 45.6 35.7 53.5



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



#4

n-Nitrosodimethylamine

Concen: 64.518 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

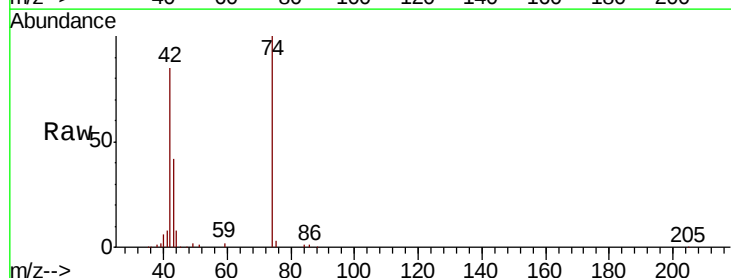
Tgt Ion: 42 Resp: 93457

Ion Ratio Lower Upper

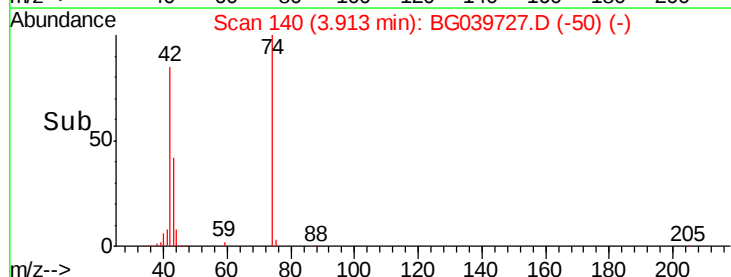
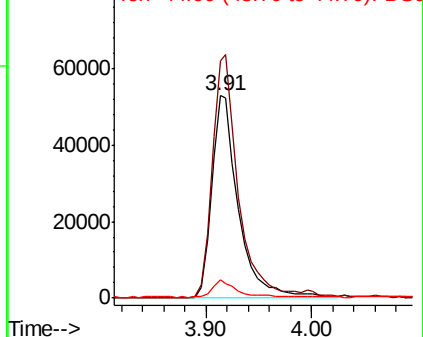
42 100

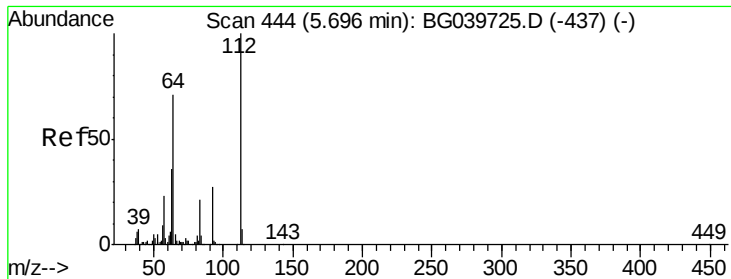
74 117.0 101.0 151.6

44 9.4 6.2 9.4#



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





#5

2-Fluorophenol

Concen: 122.714 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

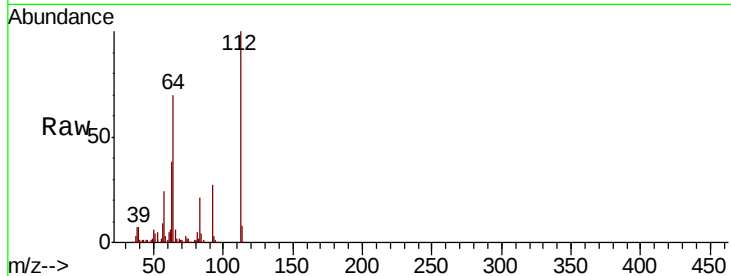
Tot Ion:112 Resp: 306902

Ion Ratio Lower Upper

112 100

64 70.2 56.6 85.0

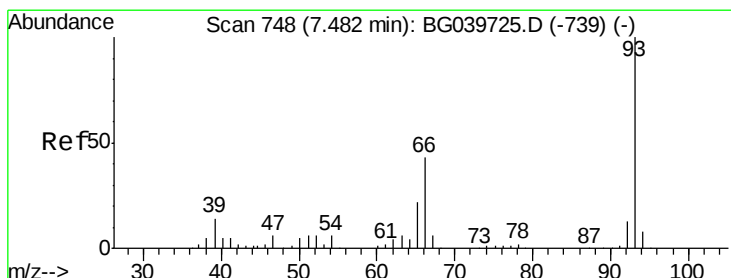
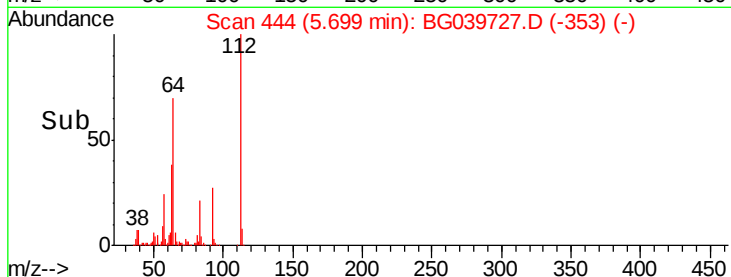
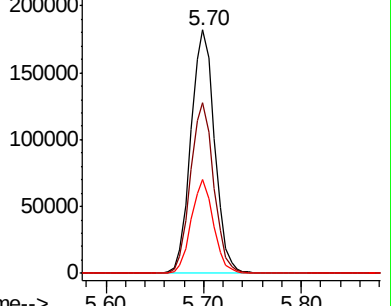
63 38.3 28.6 43.0



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: 65.360 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

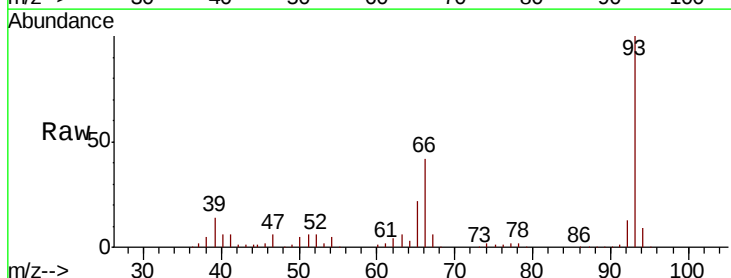
Tgt Ion: 93 Resp: 301388

Ion Ratio Lower Upper

93 100

66 42.4 34.5 51.7

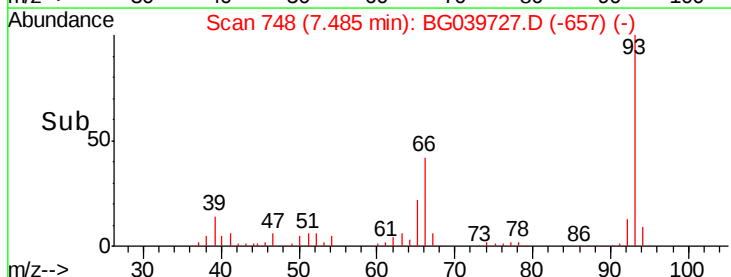
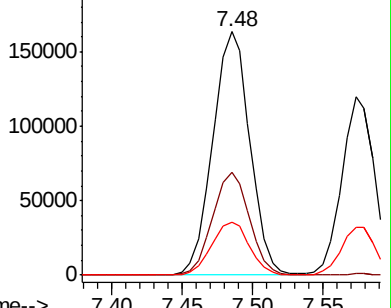
65 21.8 17.5 26.3



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: 125.679 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

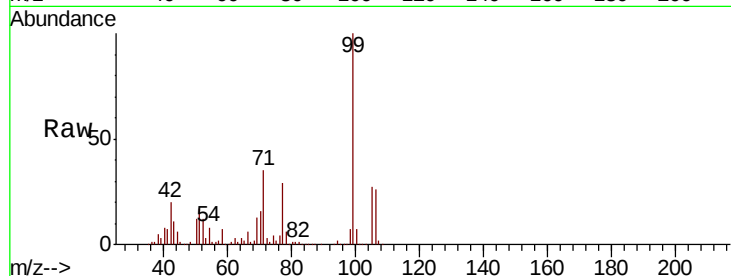
Tot Ion: 99 Resp: 462667

Ion Ratio Lower Upper

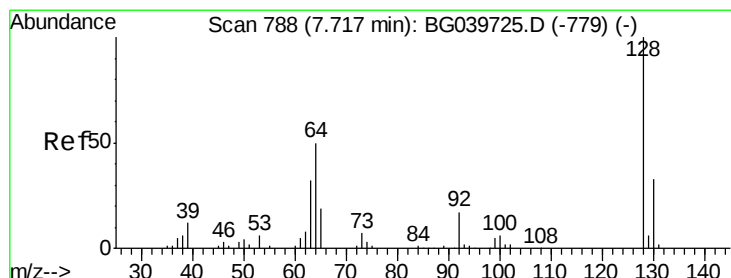
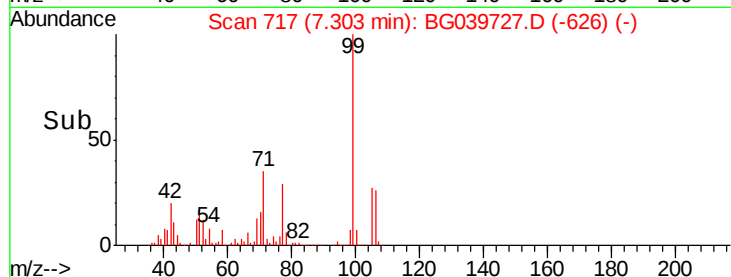
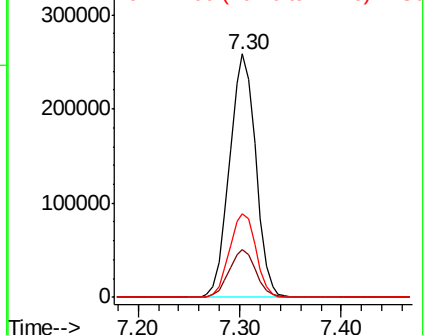
99 100

42 19.8 15.1 22.7

71 34.5 28.5 42.7



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: 67.940 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

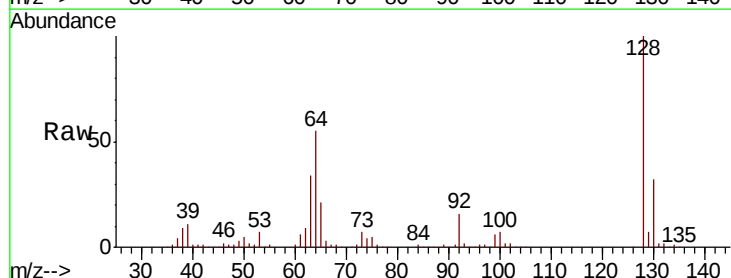
Tgt Ion:128 Resp: 185732

Ion Ratio Lower Upper

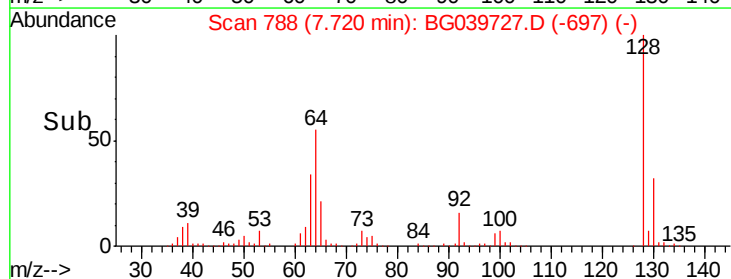
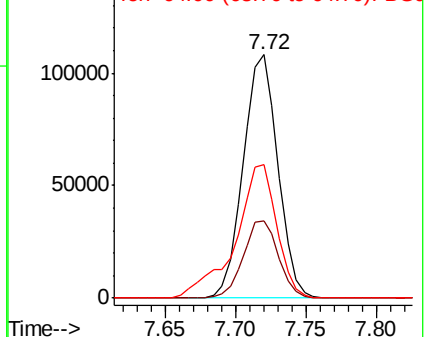
128 100

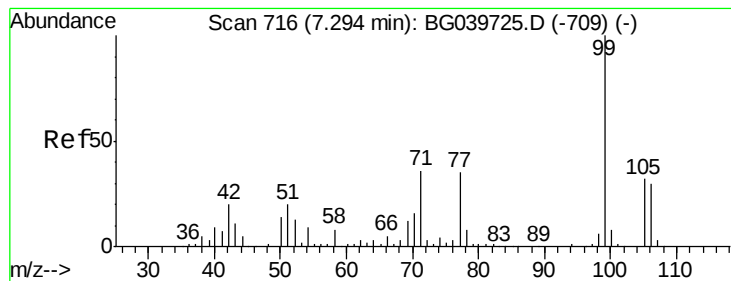
130 32.0 12.9 52.9

64 54.7 33.3 73.3



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





#9

Benzaldehyde

Concen: 67.826 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

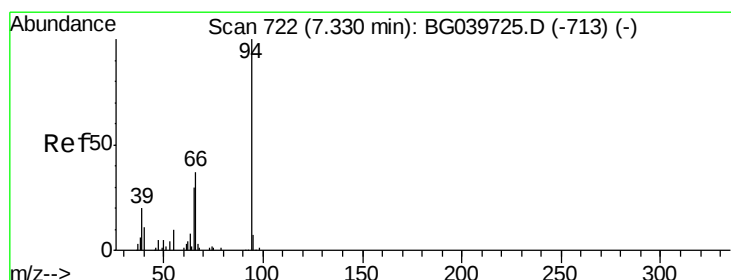
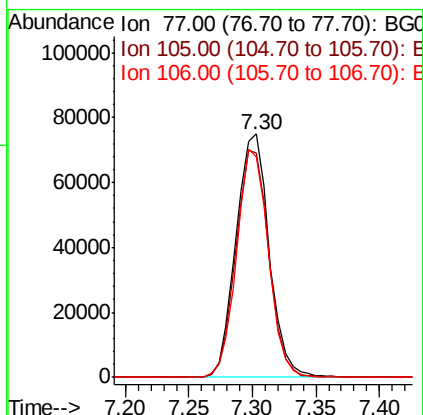
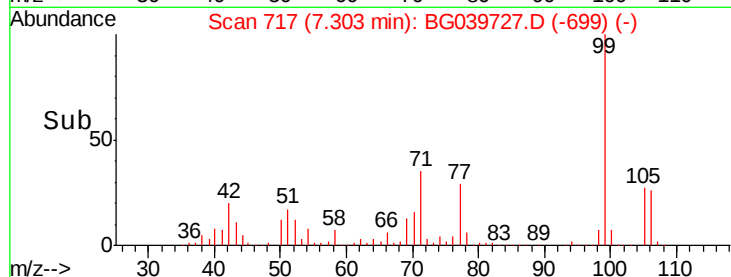
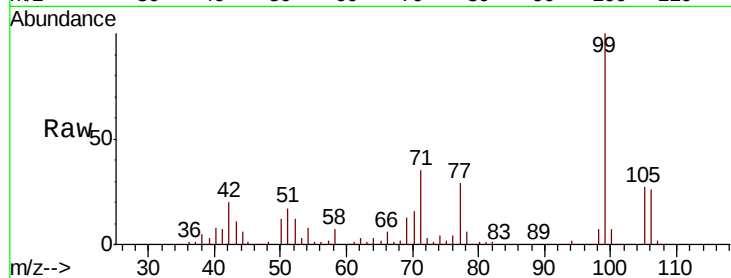
Tot Ion: 77 Resp: 136143

Ion Ratio Lower Upper

77 100

105 91.9 71.7 111.7

106 90.6 65.1 105.1



#10

Phenol

Concen: 64.995 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

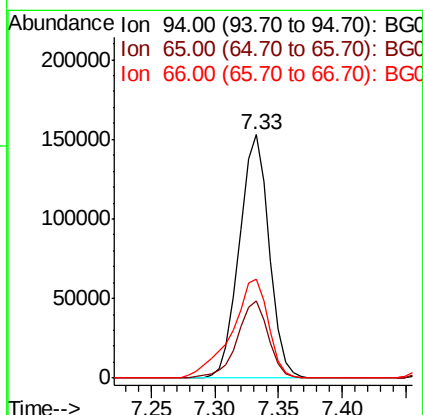
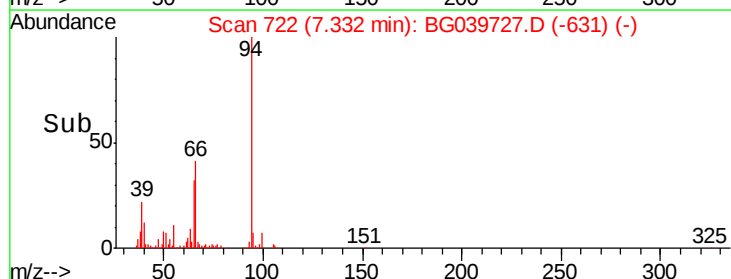
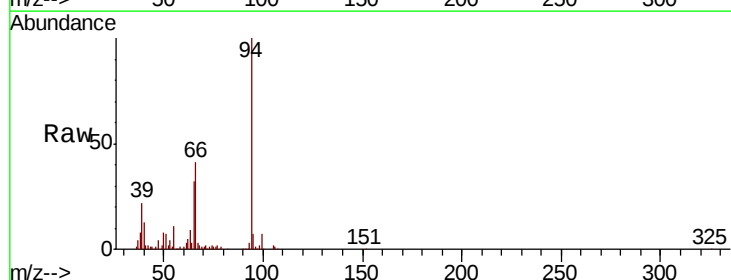
Tgt Ion: 94 Resp: 249418

Ion Ratio Lower Upper

94 100

65 31.9 10.0 50.0

66 40.5 18.1 58.1

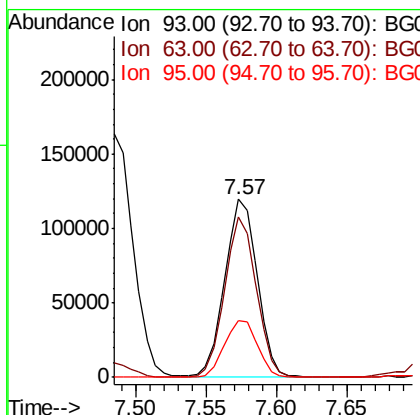
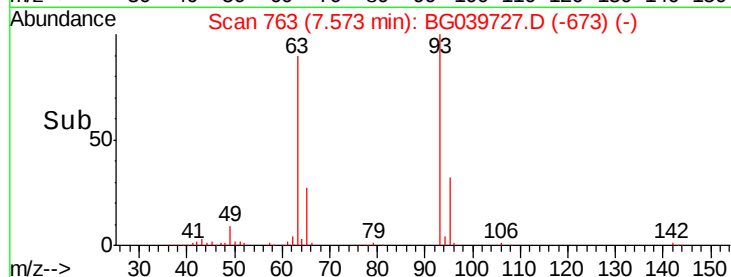
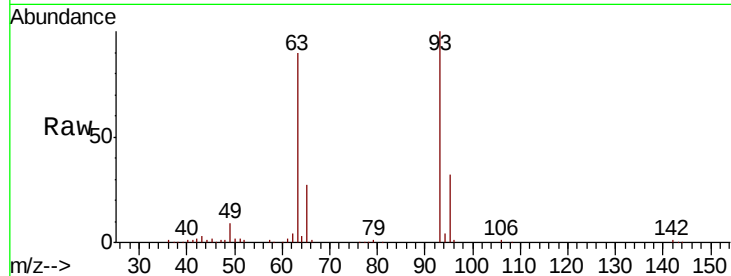




#11
bis(2-Chloroethyl)ether
Concen: 63.712 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

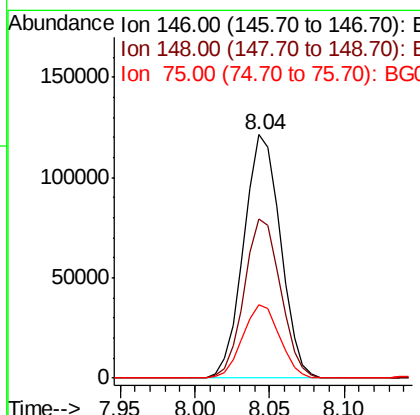
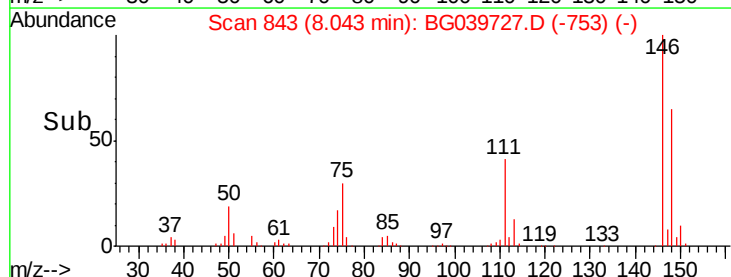
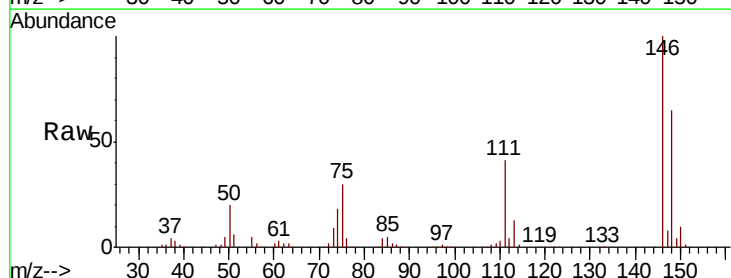
Instrument :
BNA_G
ClientSampleId :

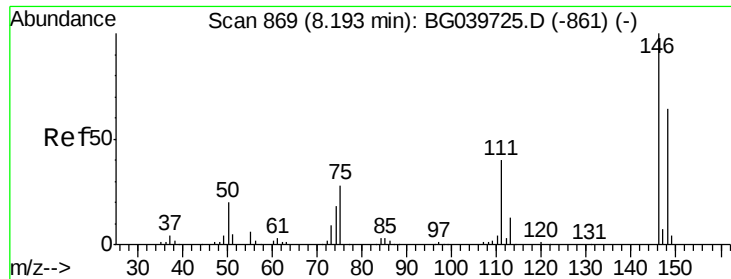
Tot Ion: 93 Resp: 193197
Ion Ratio Lower Upper
93 100
63 89.8 64.4 104.4
95 32.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 62.645 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion: 146 Resp: 207463
Ion Ratio Lower Upper
146 100
148 65.2 49.3 73.9
75 30.1 25.2 37.8

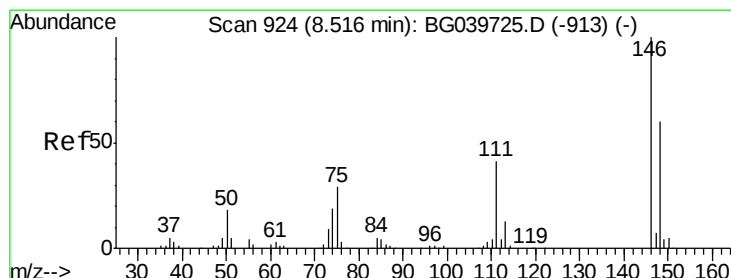
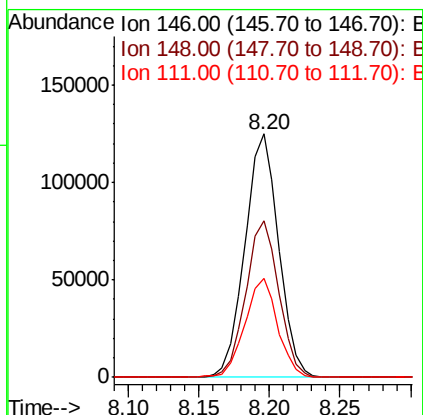
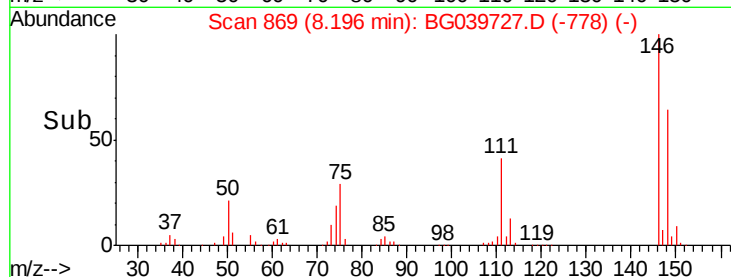
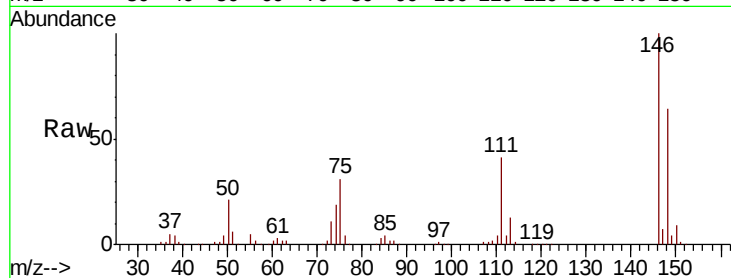




#13
 1,4-Dichlorobenzene
 Concen: 63.340 ng
 RT: 8.20 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

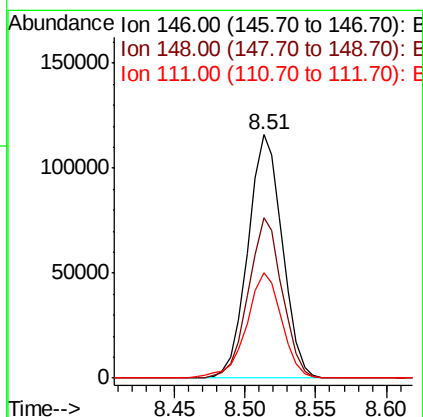
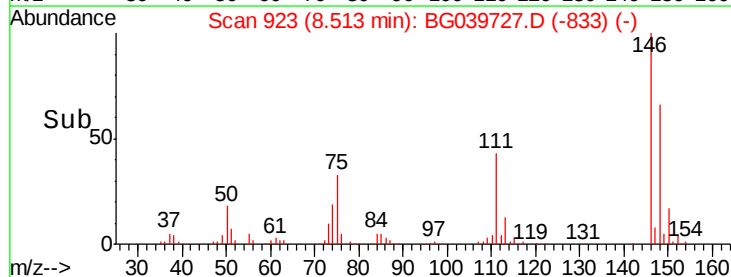
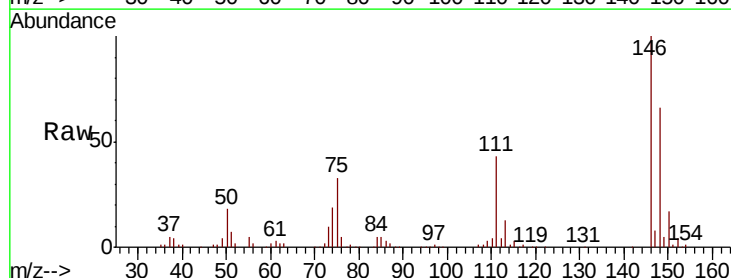
Instrument :
 BNA_G
 ClientSampleId :

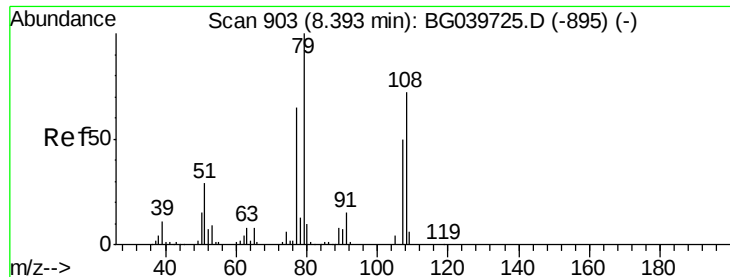
Tot Ion:146 Resp: 209079
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.5 77.3
 111 40.7 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 61.883 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion:146 Resp: 197749
 Ion Ratio Lower Upper
 146 100
 148 65.6 48.3 72.5
 111 43.3 33.1 49.7





#15

Benzyl Alcohol

Concen: 65.181 ng

RT: 8.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

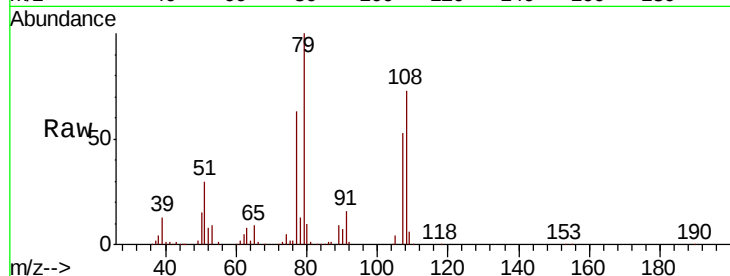
Tot Ion: 79 Resp: 188382

Ion Ratio Lower Upper

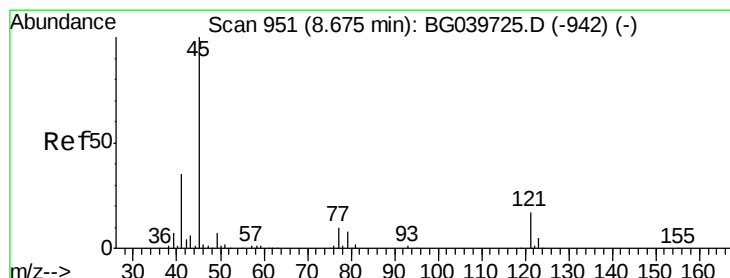
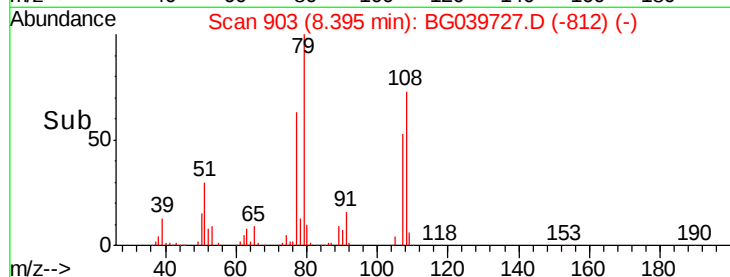
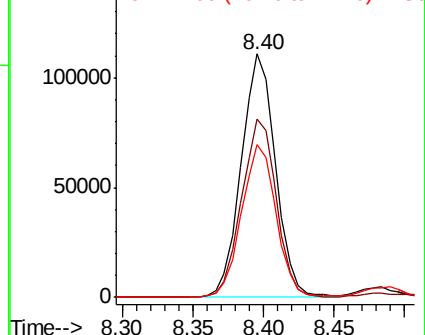
79 100

108 73.4 57.4 86.2

77 62.8 51.9 77.9



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: 54.287 ng

RT: 8.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

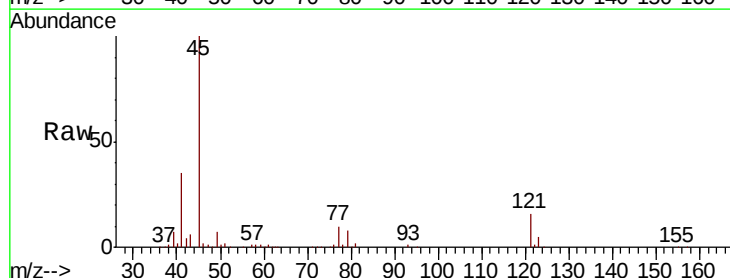
Tgt Ion: 45 Resp: 371741

Ion Ratio Lower Upper

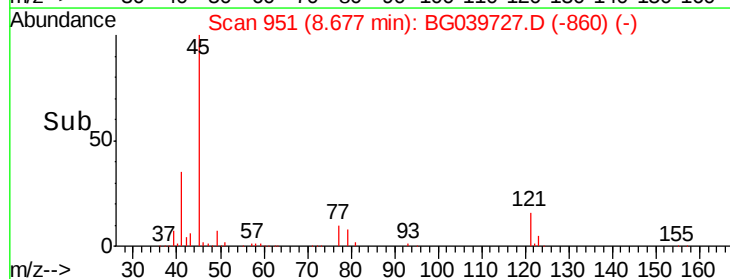
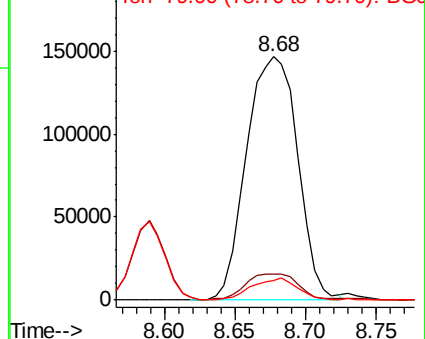
45 100

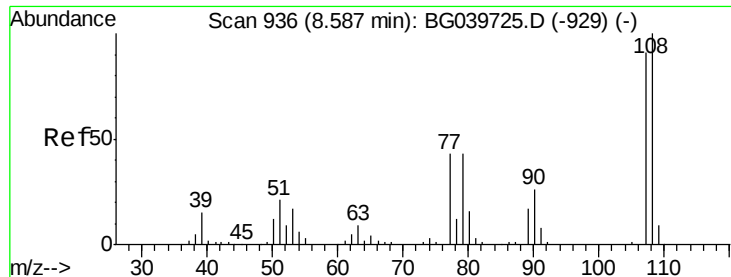
77 10.5 0.0 30.6

79 8.2 0.0 28.1



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

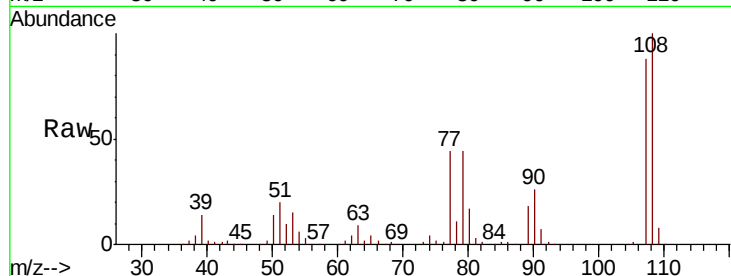




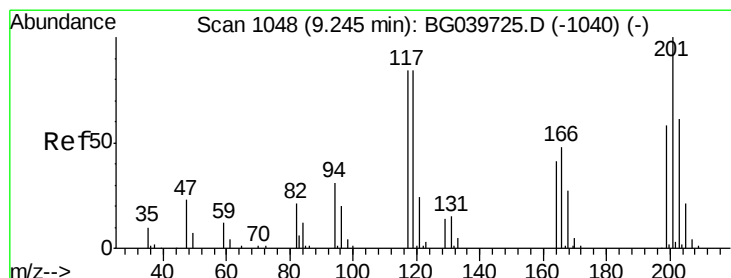
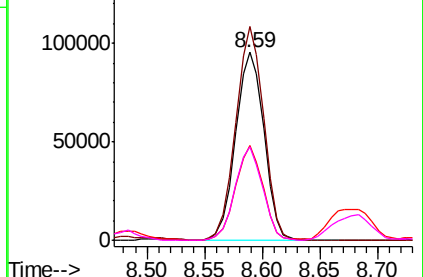
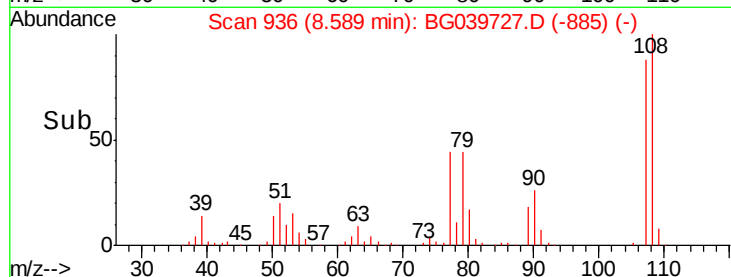
#17
2-Methylphenol
Concen: 65.429 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 162484
Ion Ratio Lower Upper
107 100
108 113.6 88.5 132.7
77 50.4 37.8 56.8
79 49.6 38.2 57.2

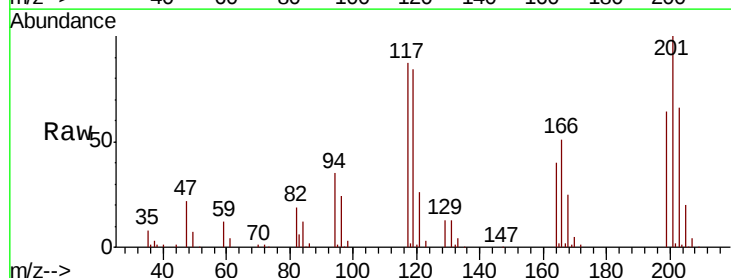


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

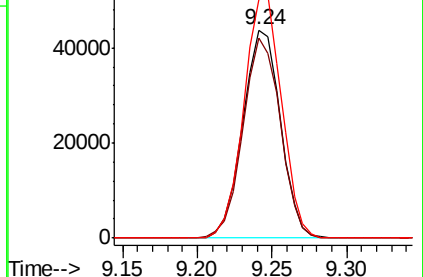
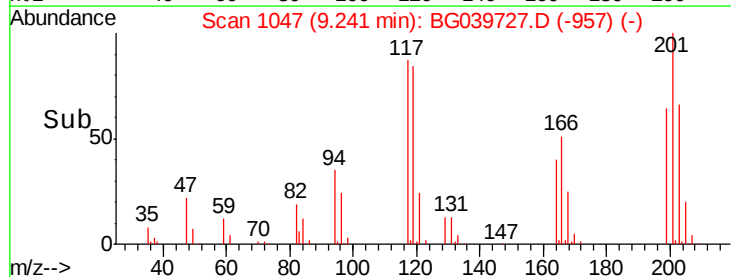


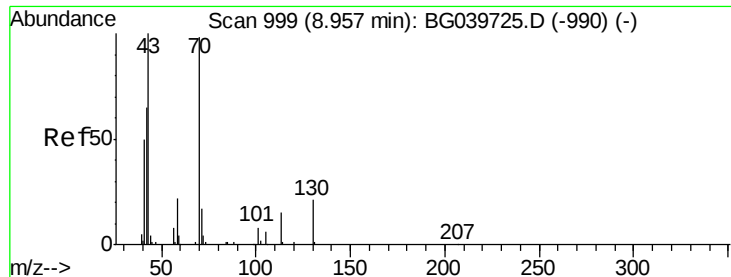
#18
Hexachloroethane
Concen: 67.202 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:117 Resp: 76317
Ion Ratio Lower Upper
117 100
119 96.2 80.2 120.4
201 114.6 95.1 142.7



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

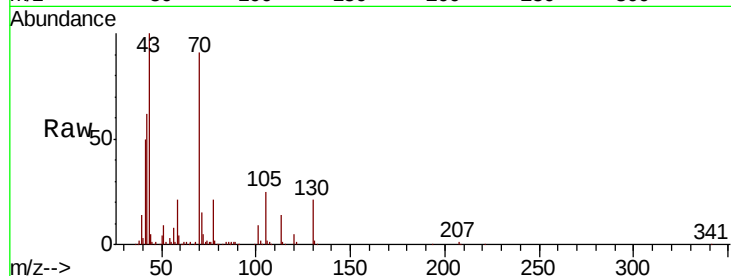




#19
n-Nitroso-di-n-propylamine
Concen: 63.290 ng
RT: 8.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

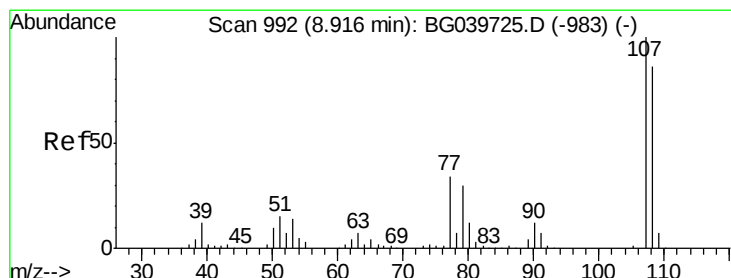
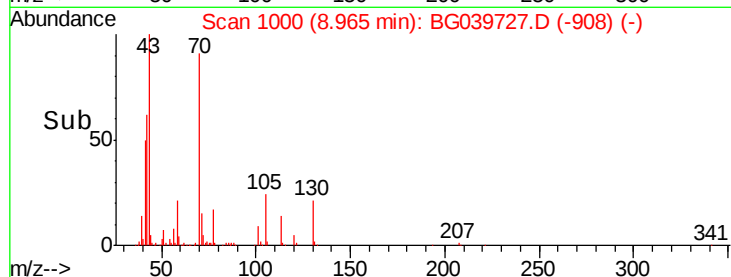
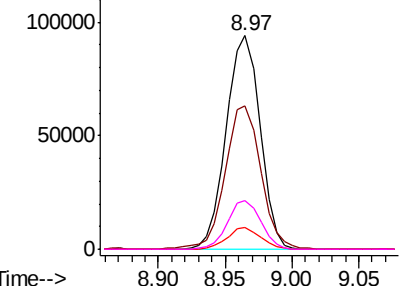
Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 165368
Ion Ratio Lower Upper
70 100
42 67.4 53.4 80.2
101 10.1 6.9 10.3
130 22.5 17.4 26.0



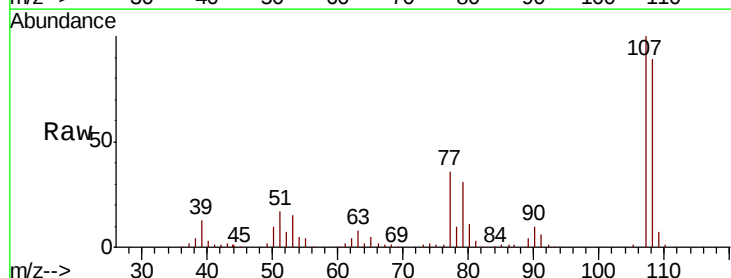
Abundance

Ion 70.00 (69.70 to 70.70): BGC



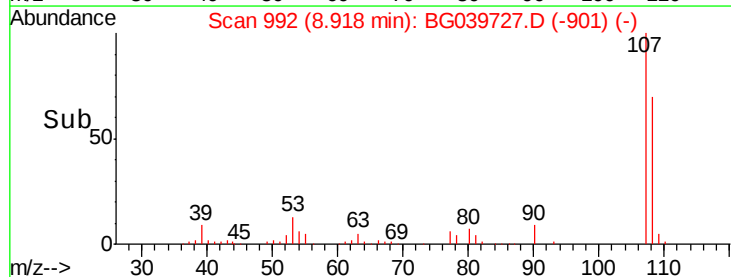
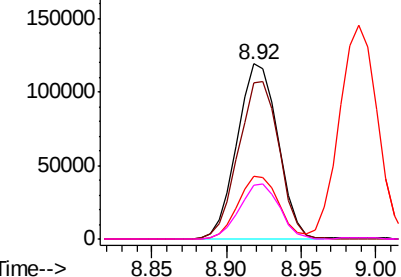
#20
3+4-Methylphenols
Concen: 65.855 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion: 107 Resp: 225205
Ion Ratio Lower Upper
107 100
108 89.4 66.3 106.3
77 35.5 13.8 53.8
79 30.9 10.0 50.0



Abundance

Ion 107.00 (106.70 to 107.70): BGC

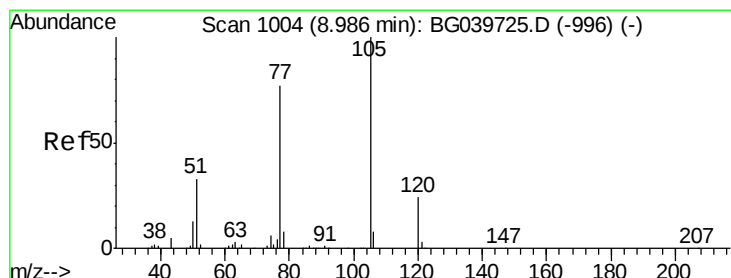
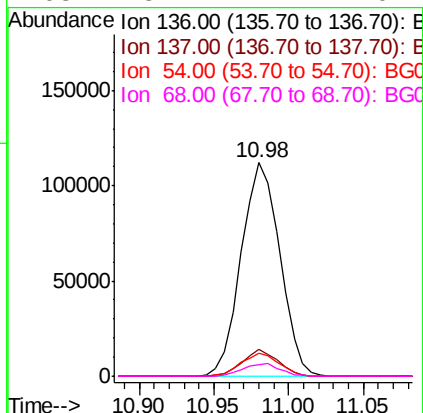
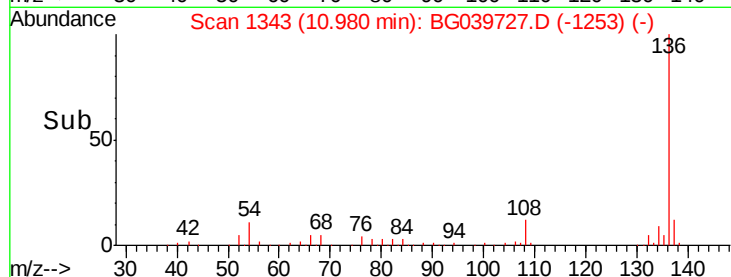
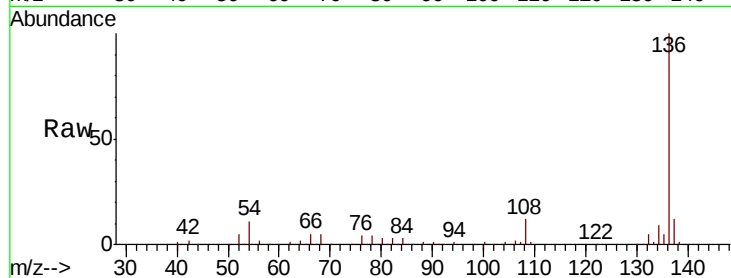




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

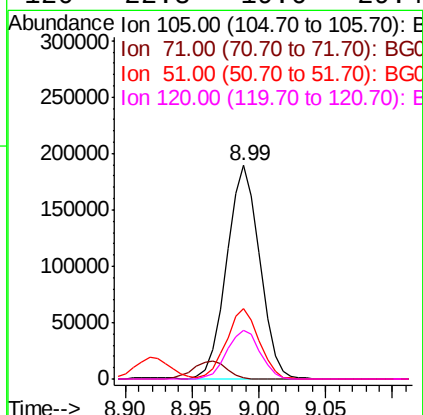
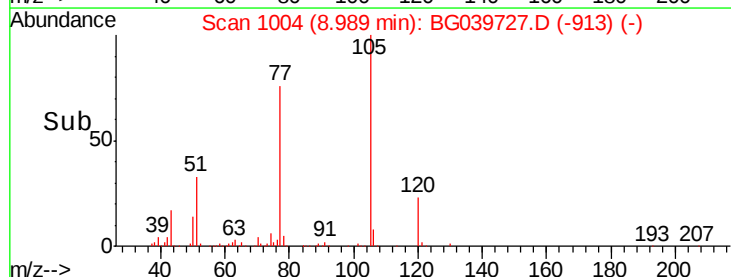
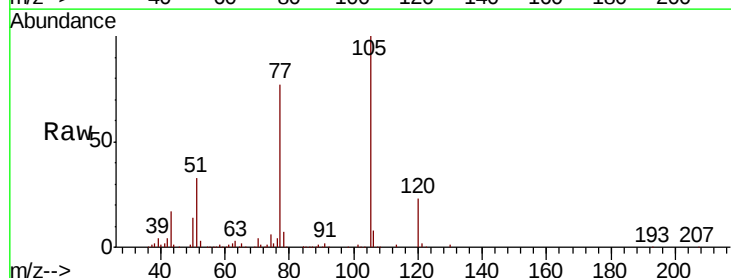
Instrument :
BNA_G
ClientSampleId :

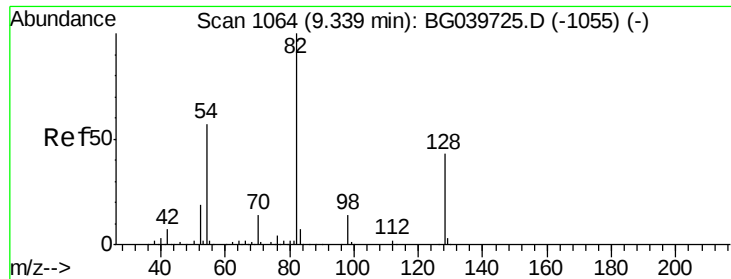
Tot Ion:	136	Resp:	201542
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.4	12.6
54	10.6	8.2	12.4
68	5.1	4.2	6.4



#22
Acetophenone
Concen: 60.292 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:	105	Resp:	326405
Ion	Ratio	Lower	Upper
105	100		
71	0.8	0.5	0.7#
51	32.8	28.4	42.6
120	22.8	19.6	29.4

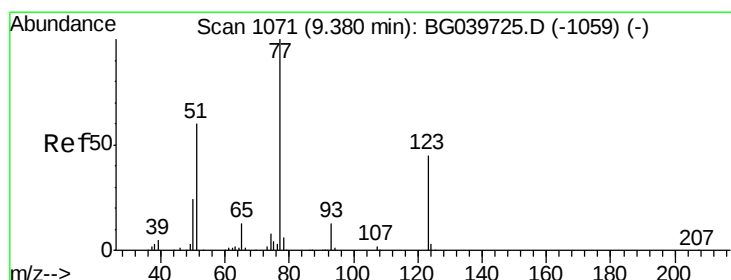
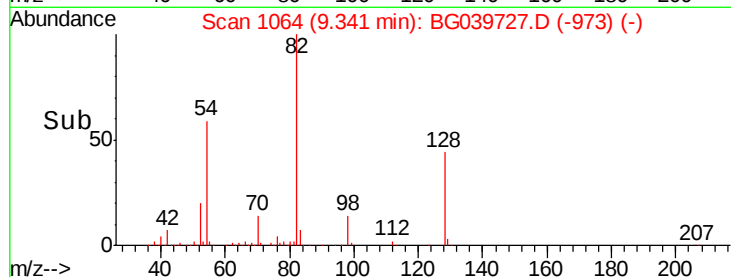
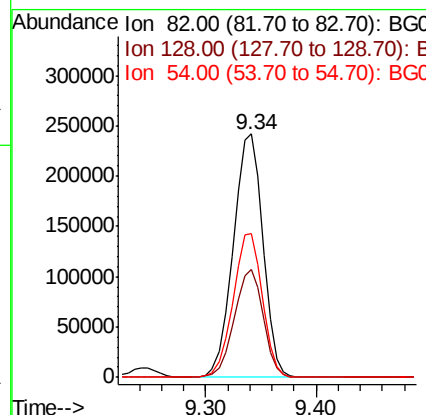
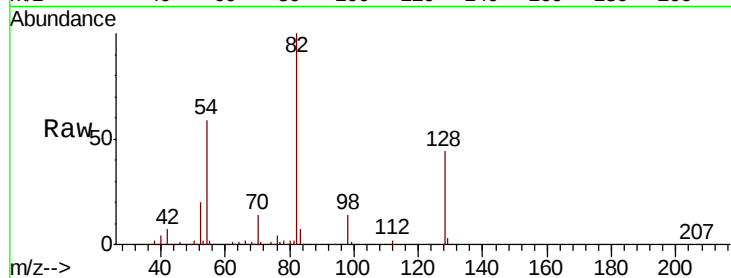




#23
 Nitrobenzene-d5
 Concen: 140.961 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

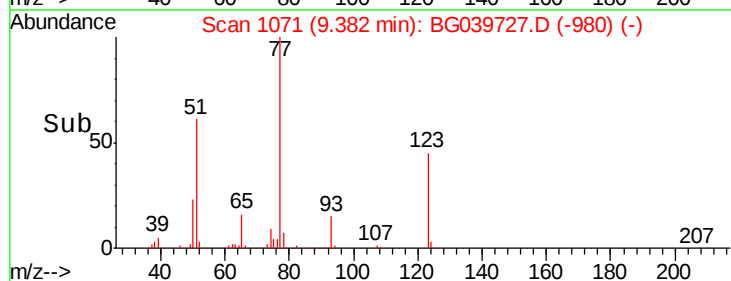
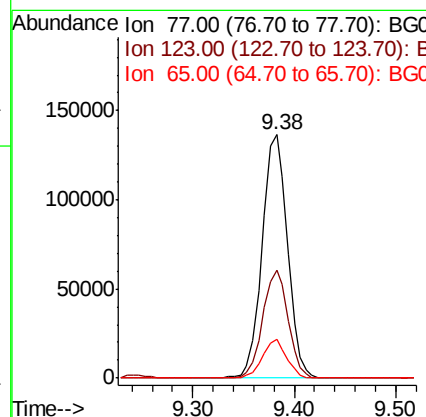
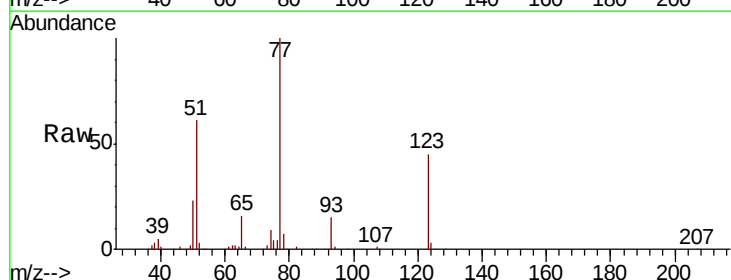
Instrument :
 BNA_G
 ClientSampleId :

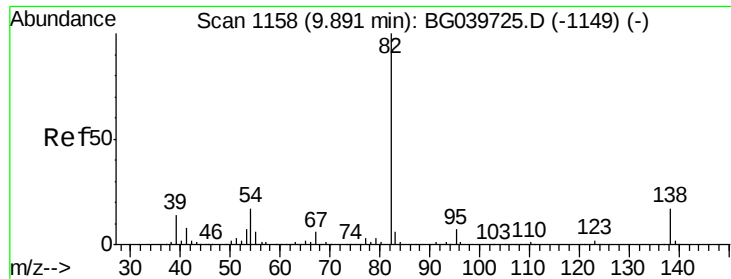
Tot Ion	82	Resp	454759
Ion Ratio	100	Lower	Upper
128	44.2	34.4	51.6
54	59.1	45.7	68.5



#24
 Nitrobenzene
 Concen: 67.793 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion	77	Resp	236279
Ion Ratio	100	Lower	Upper
123	44.6	36.2	54.2
65	15.8	10.9	16.3

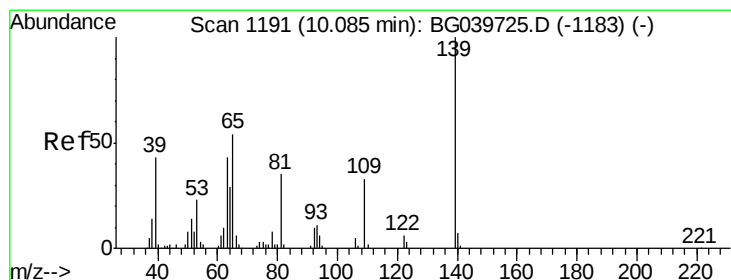
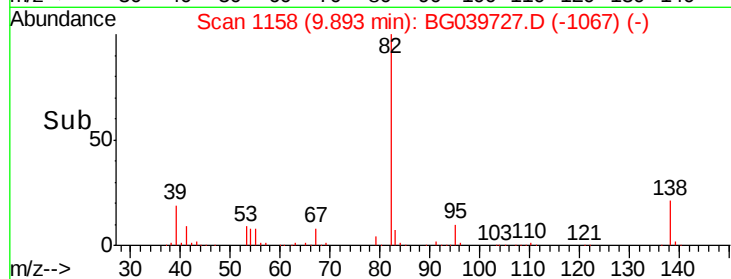
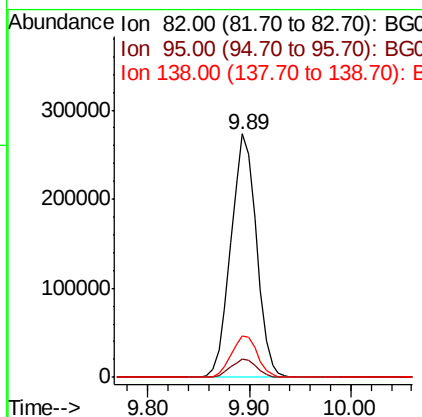
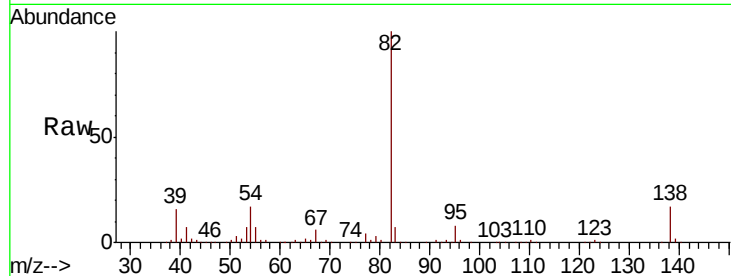




#25
Isophorone
Concen: 66.919 ng
RT: 9.89 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

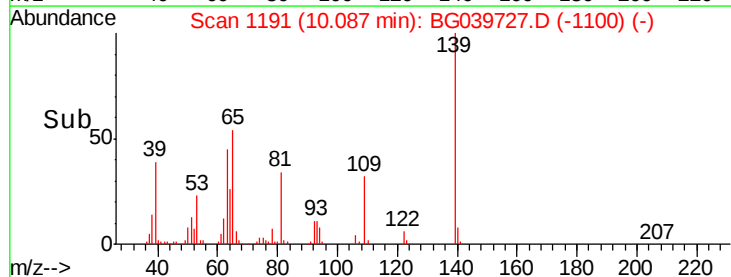
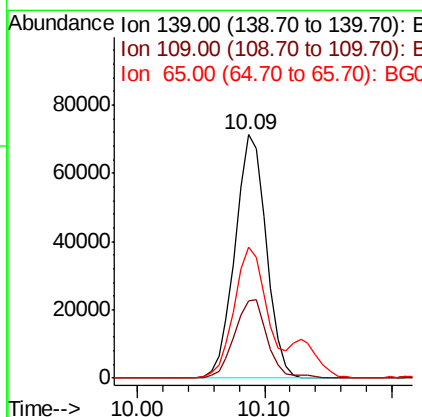
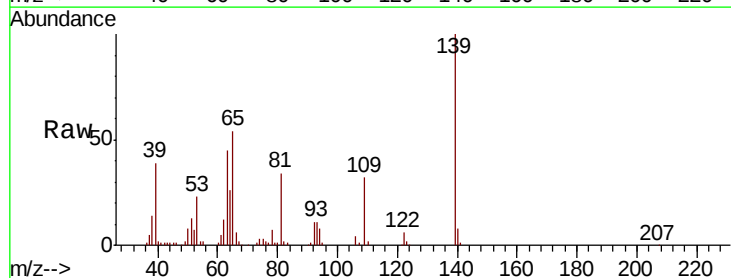
Instrument :
BNA_G
ClientSampleId :

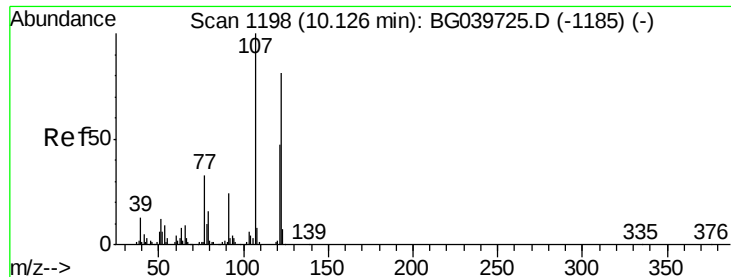
Tot Ion: 82 Resp: 478407
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 16.8 13.5 20.3



#26
2-Nitrophenol
Concen: 94.886 ng
RT: 10.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion: 139 Resp: 121133
Ion Ratio Lower Upper
139 100
109 31.6 26.3 39.5
65 53.6 43.0 64.6

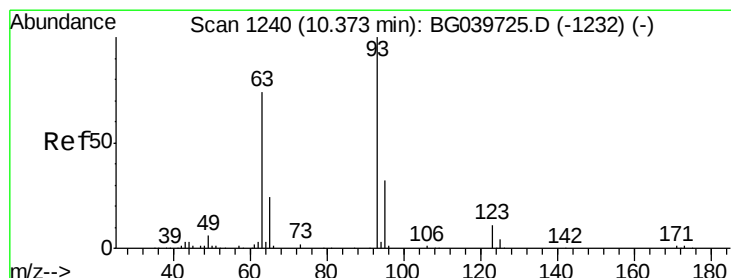
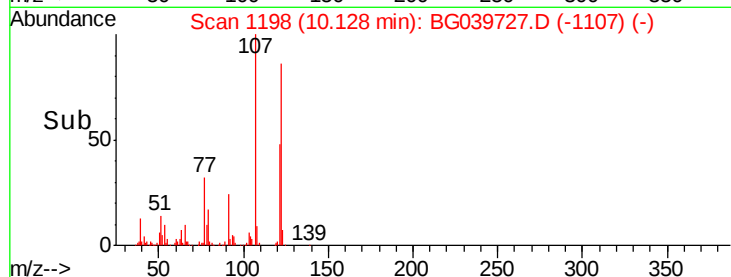
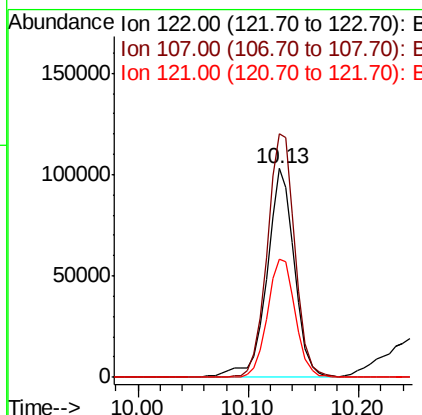
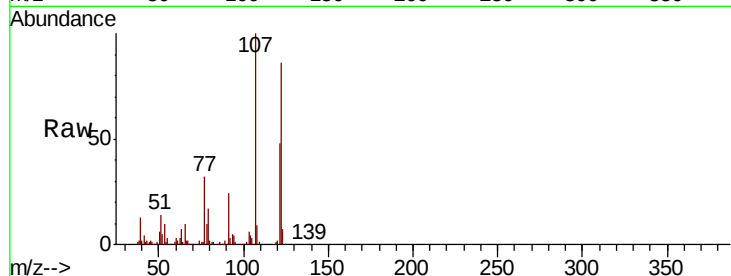




#27
2,4-Dimethylphenol
Concen: 61.931 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

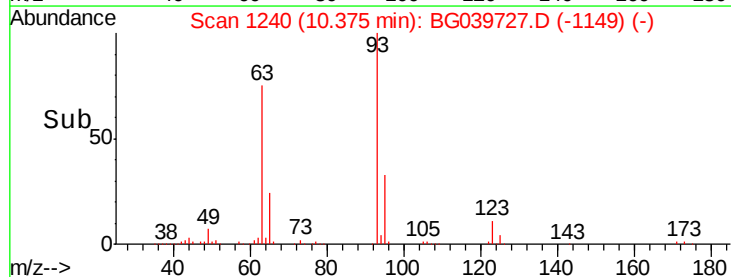
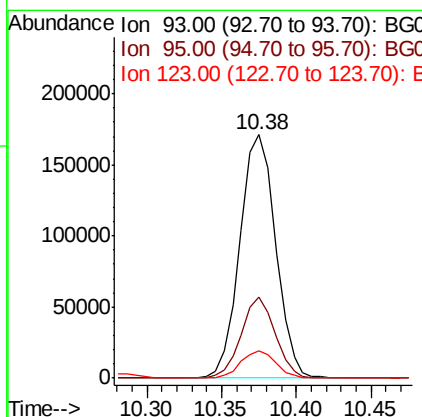
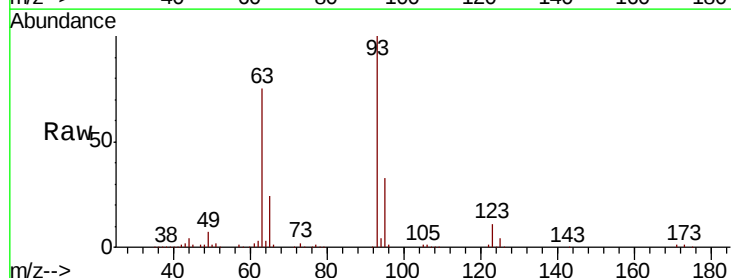
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.5	98.7	148.1
121	56.3	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 64.523 ng
RT: 10.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.8	38.8
123	11.0	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 65.653 ng

RT: 10.62 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

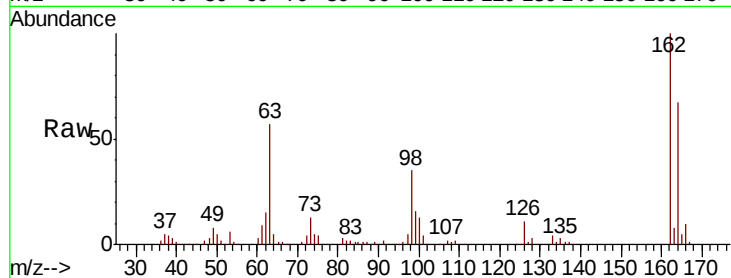
Tot Ion:162 Resp: 207512

Ion Ratio Lower Upper

162 100

164 66.9 44.4 84.4

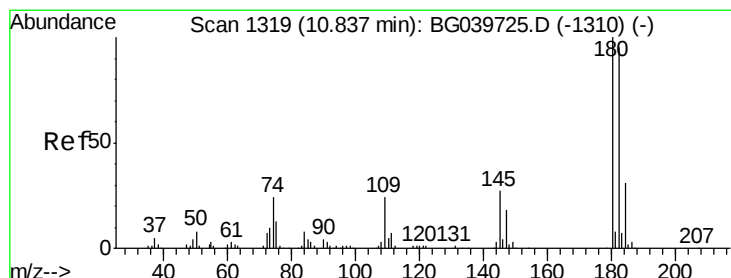
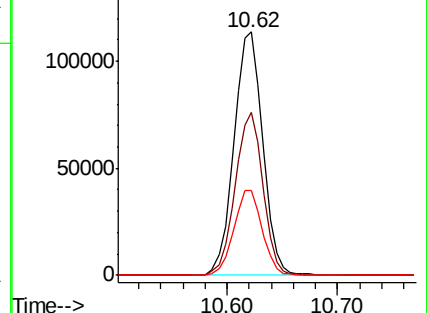
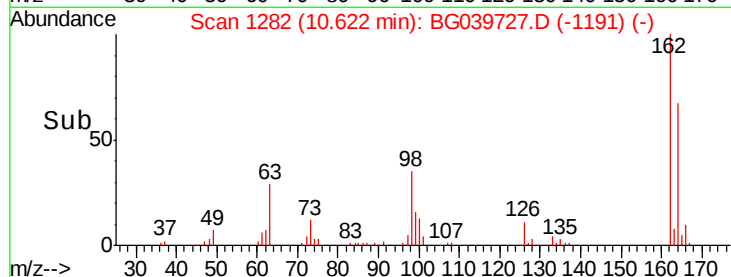
98 35.0 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 62.971 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

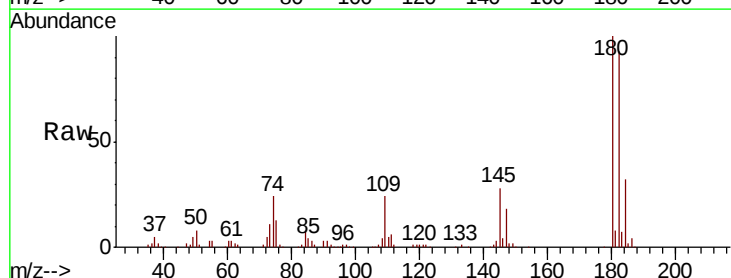
Tgt Ion:180 Resp: 223457

Ion Ratio Lower Upper

180 100

182 93.1 75.7 113.5

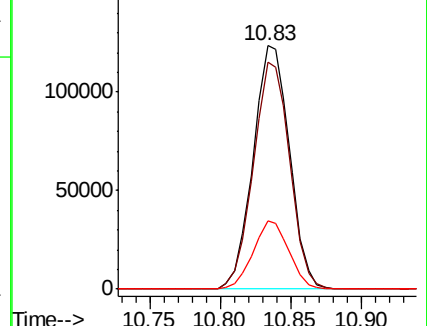
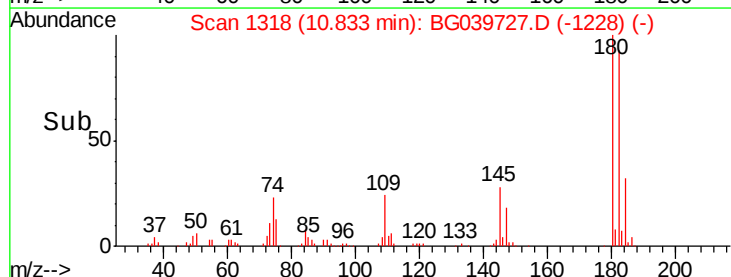
145 28.1 21.9 32.9

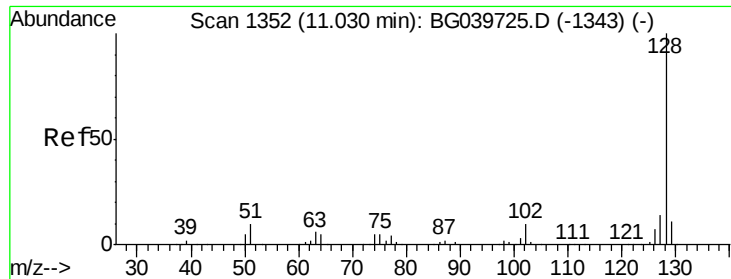


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

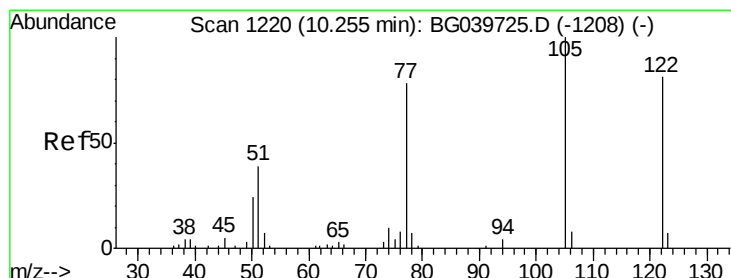
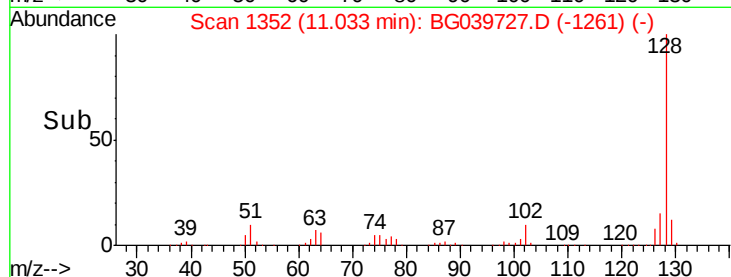
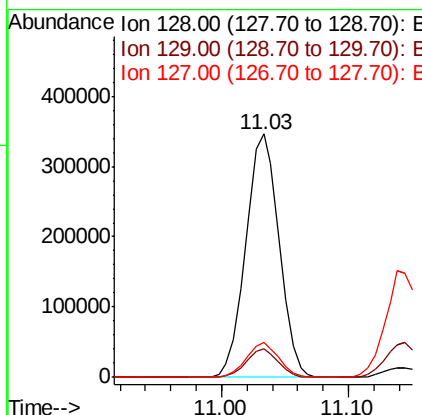
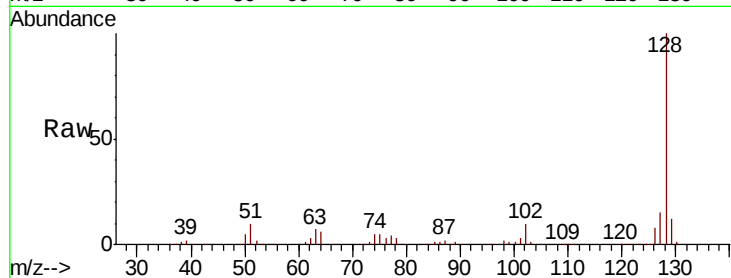




#31
Naphthalene
Concen: 63.099 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

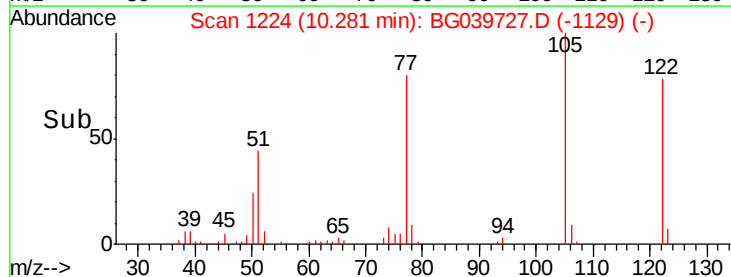
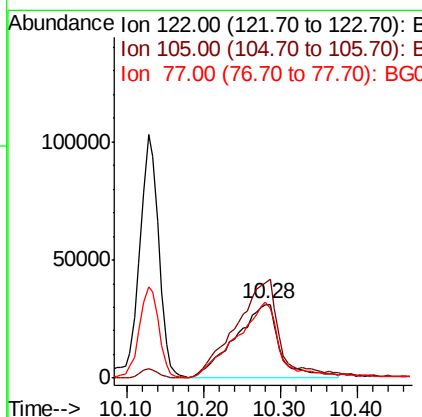
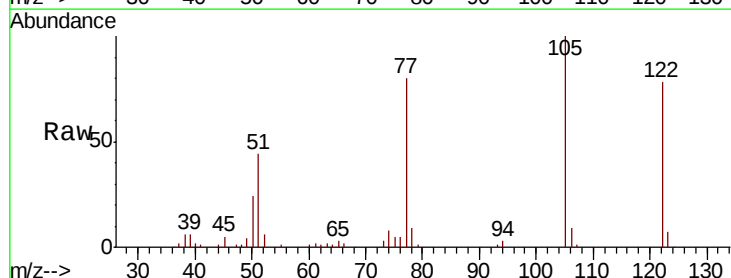
Instrument :
BNA_G
ClientSampleId :

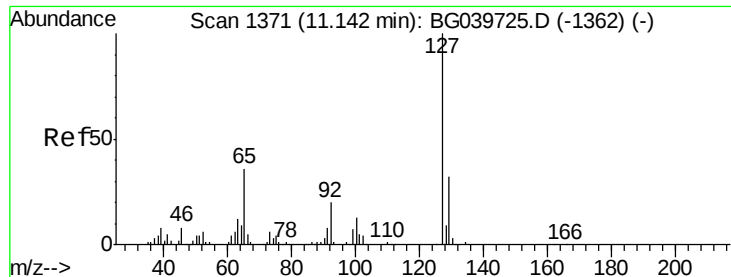
Tot Ion:128 Resp: 630883
Ion Ratio Lower Upper
128 100
129 11.7 8.9 13.3
127 14.6 11.5 17.3



#32
Benzoic acid
Concen: 75.415 ng
RT: 10.28 min Scan# 1224
Delta R.T. 0.03 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:122 Resp: 123927
Ion Ratio Lower Upper
122 100
105 128.0 103.3 143.3
77 102.2 76.5 116.5

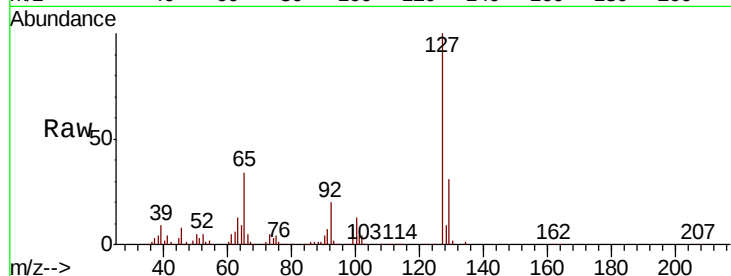




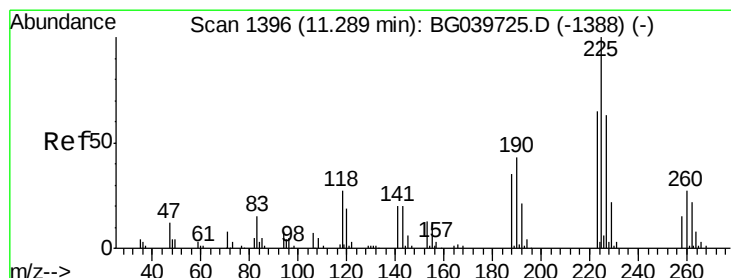
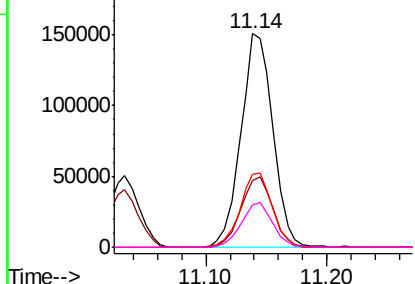
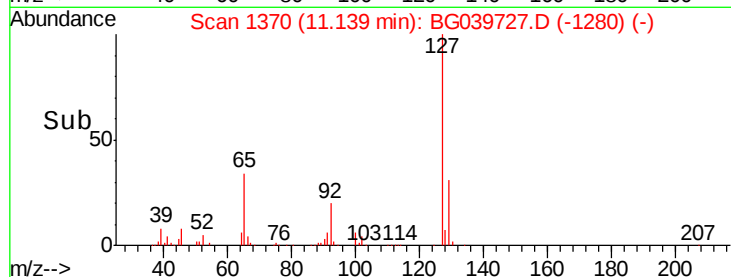
#33
4-Chloroaniline
Concen: 60.073 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	278494
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	34.1	29.0	43.4
92	19.8	16.0	24.0

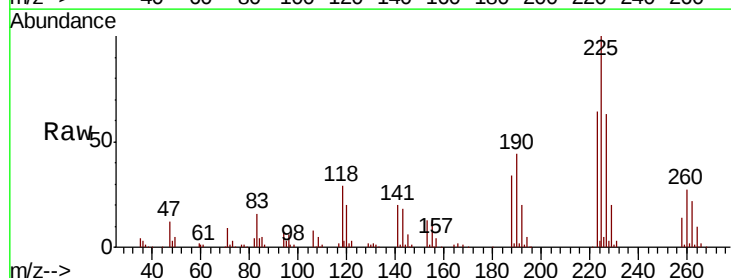


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

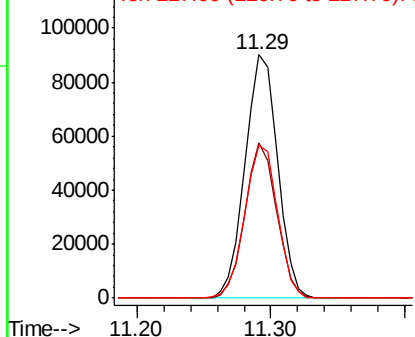
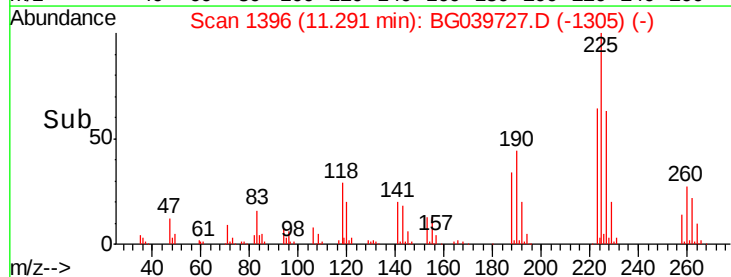


#34
Hexachlorobutadiene
Concen: 64.332 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:	225	Resp:	151817
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.8	77.6
227	63.0	50.3	75.5



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: 60.151 ng

RT: 11.94 min Scan# 1506

Delta R.T. 0.02 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

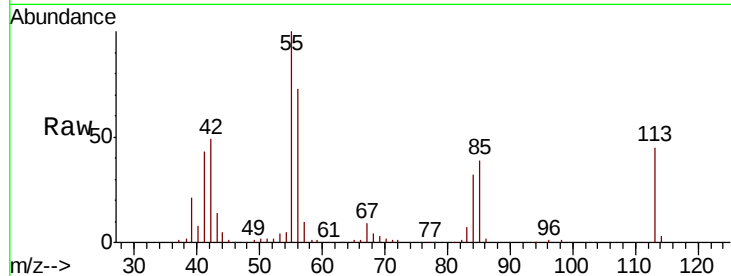
Tot Ion:113 Resp: 78674

Ion Ratio Lower Upper

113 100

55 220.7 204.4 244.4

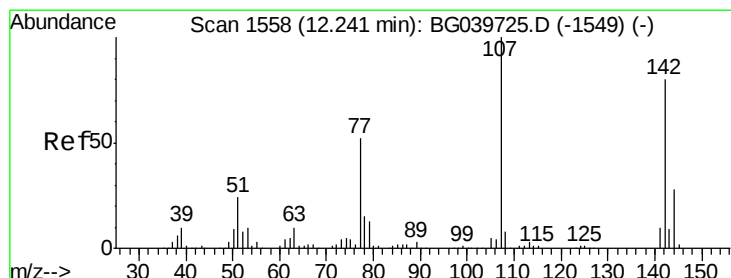
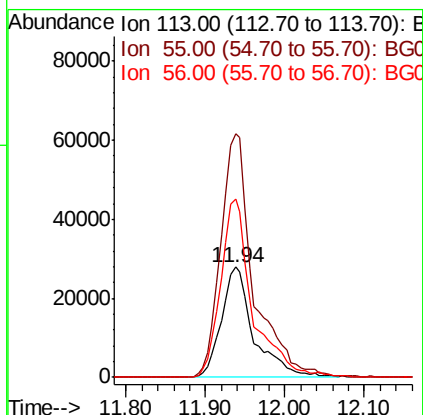
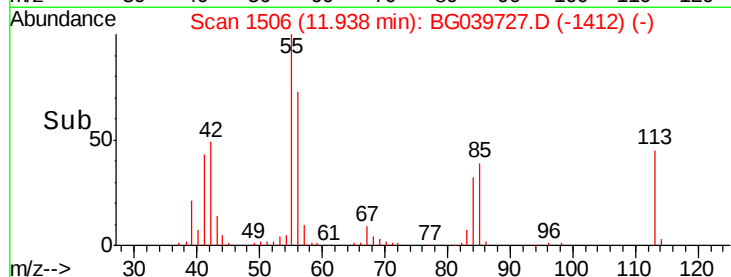
56 162.1 138.2 178.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 63.547 ng

RT: 12.24 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

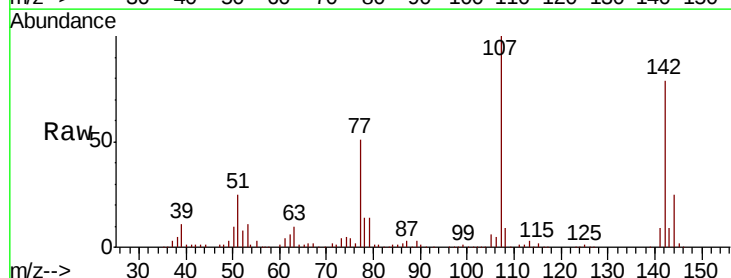
Tgt Ion:107 Resp: 232291

Ion Ratio Lower Upper

107 100

144 25.4 22.2 33.4

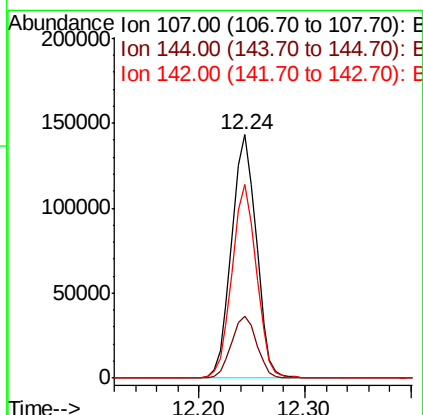
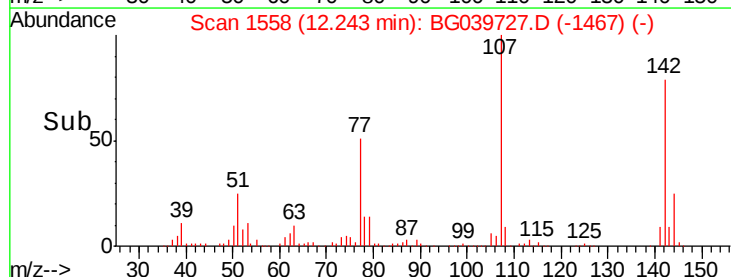
142 79.3 64.2 96.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

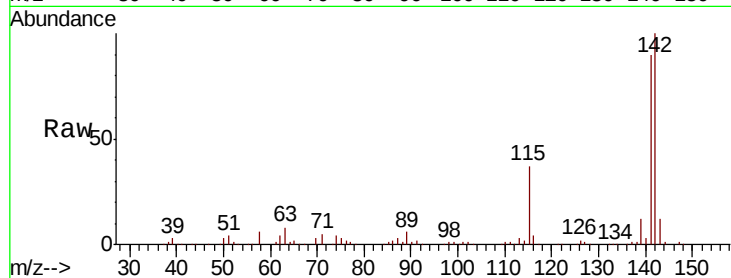




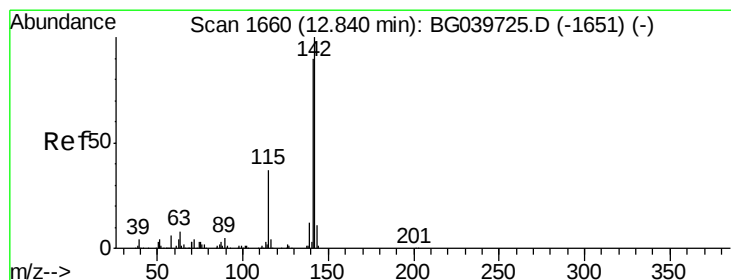
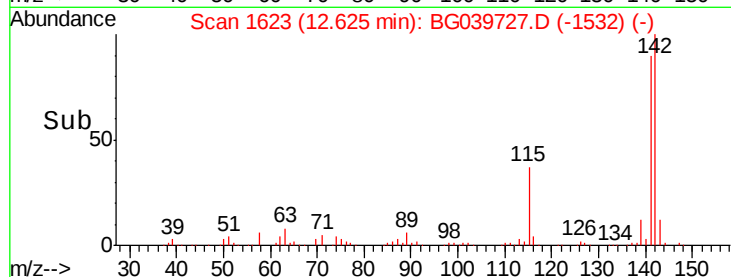
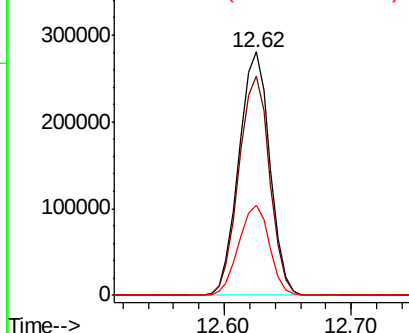
#37
2-Methylnaphthalene
Concen: 64.049 ng
RT: 12.62 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 474302
Ion Ratio Lower Upper
142 100
141 90.1 69.5 104.3
115 37.2 28.8 43.2

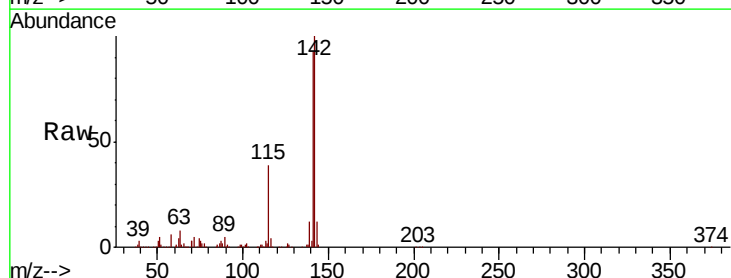


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

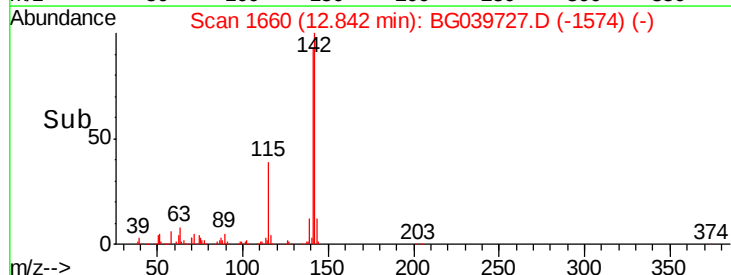
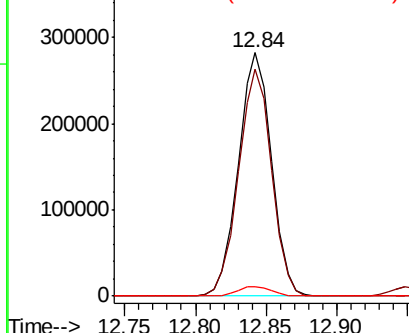


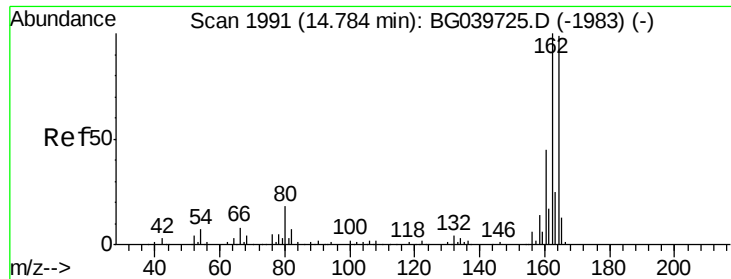
#38
1-Methylnaphthalene
Concen: 64.634 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:142 Resp: 461384
Ion Ratio Lower Upper
142 100
141 93.1 71.8 107.6
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

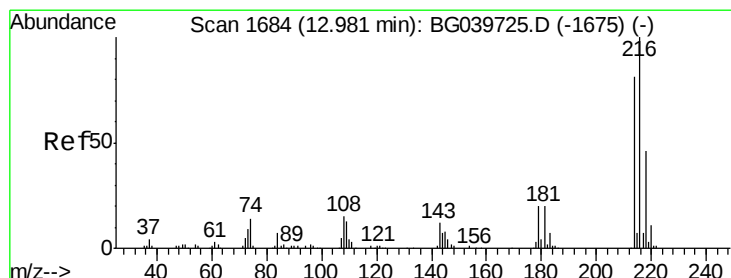
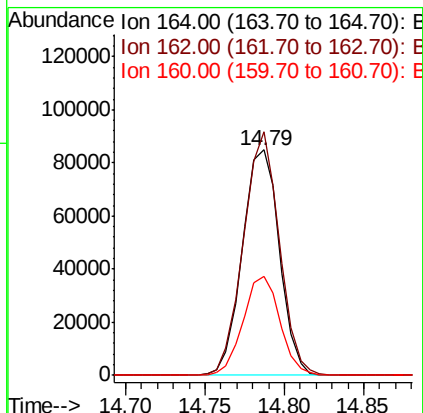
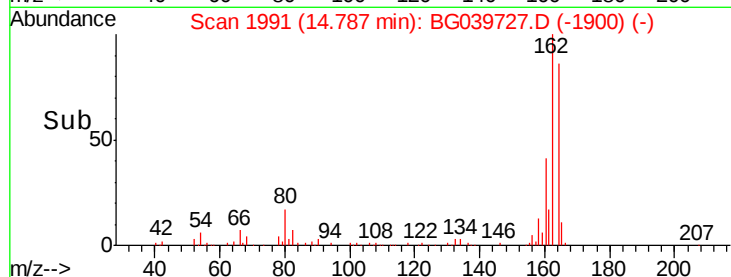
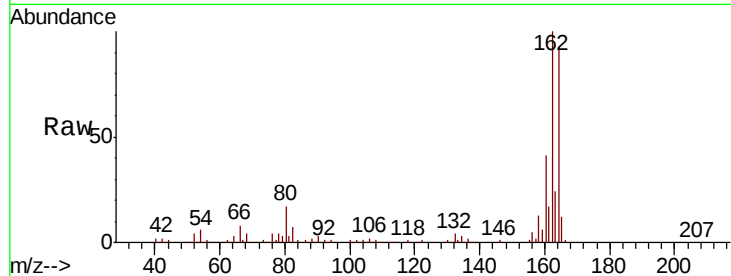




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

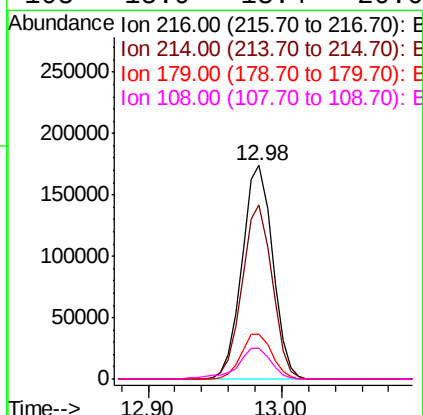
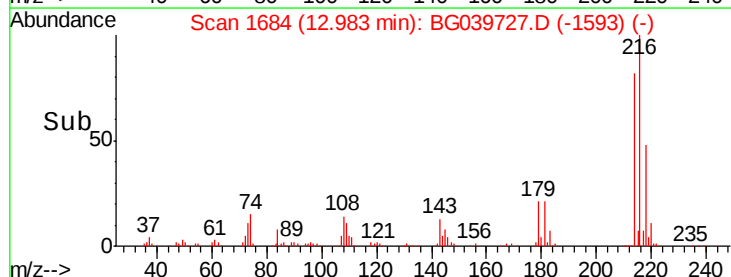
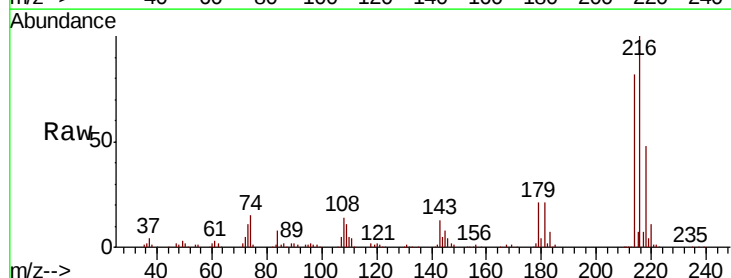
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 137708
Ion Ratio Lower Upper
164 100
162 107.9 80.7 121.1
160 43.9 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 62.919 ng
RT: 12.98 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:216 Resp: 275676
Ion Ratio Lower Upper
216 100
214 79.7 63.2 94.8
179 21.1 16.2 24.4
108 15.9 13.4 20.0





#41

Hexachlorocyclopentadiene

Concen: 66.946 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

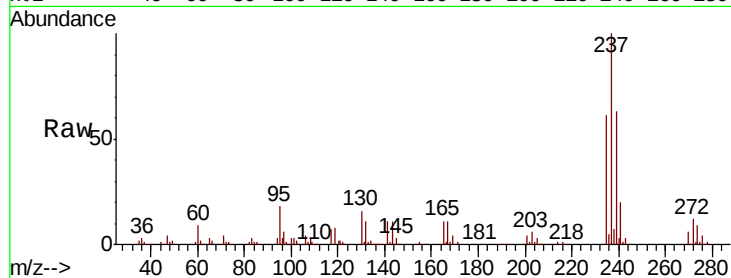
Tot Ion:237 Resp: 159836

Ion Ratio Lower Upper

237 100

235 61.3 41.0 81.0

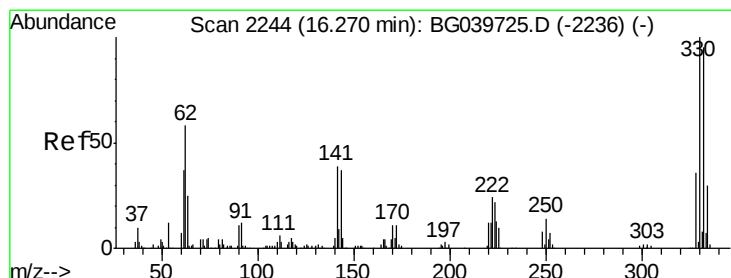
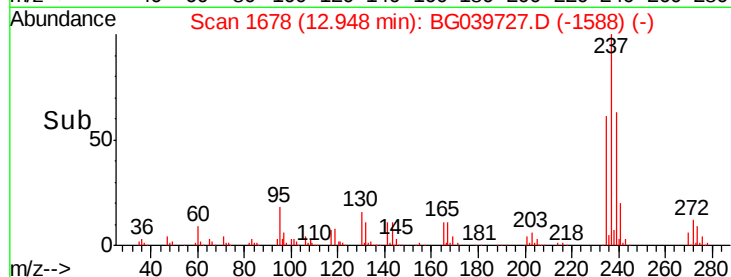
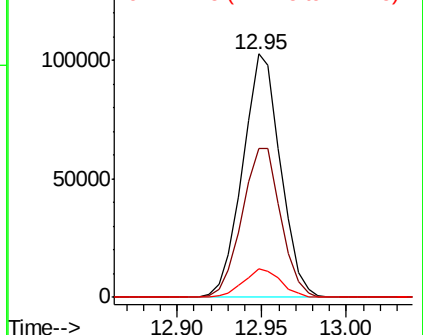
272 11.6 0.0 31.5



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: 135.719 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

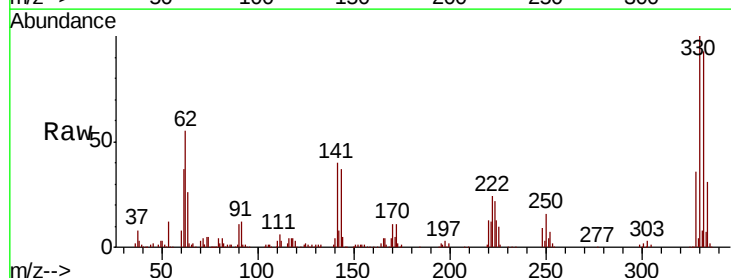
Tgt Ion:330 Resp: 201255

Ion Ratio Lower Upper

330 100

332 94.3 75.8 113.6

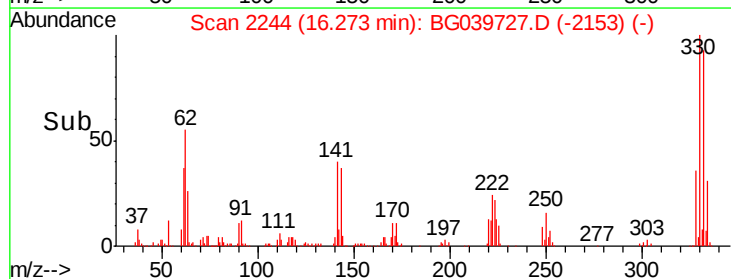
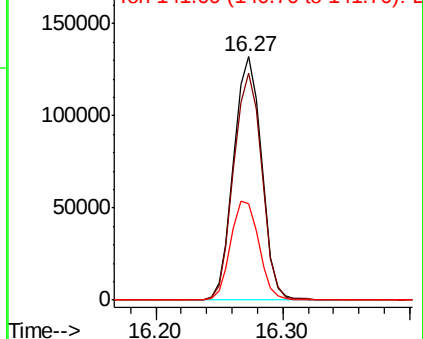
141 41.1 32.8 49.2

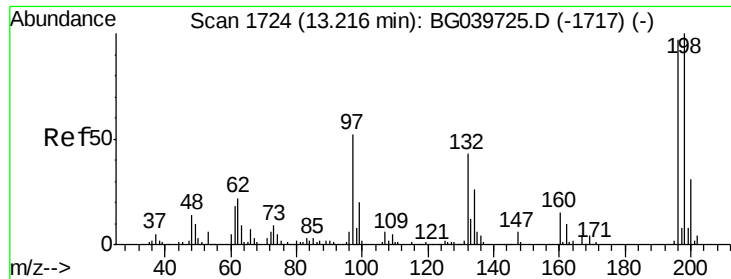


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

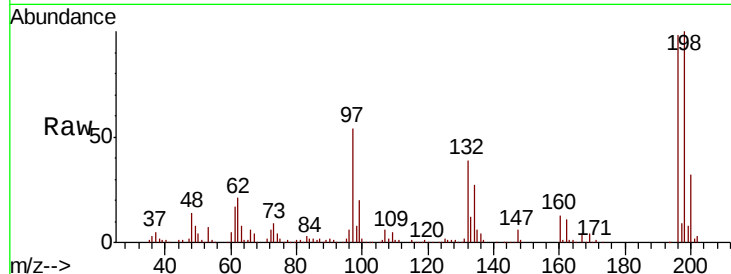




#43
 2,4,6-Trichlorophenol
 Concen: 63.397 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	170788
Ion Ratio	Lower	Upper	
196	100		
198	101.8	82.1	123.1
200	32.5	25.1	37.7

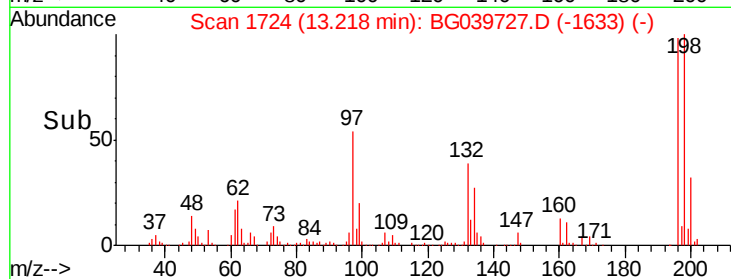
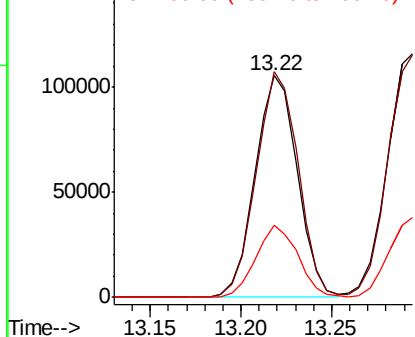


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 68.496 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion	196	Resp	193397
Ion Ratio	Lower	Upper	
196	100		
198	99.6	81.4	122.0
97	43.3	36.4	54.6
132	26.4	18.5	27.7

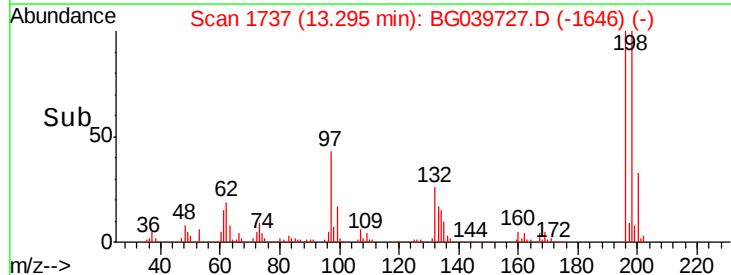
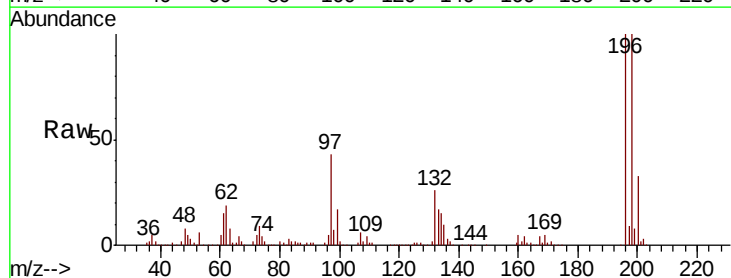
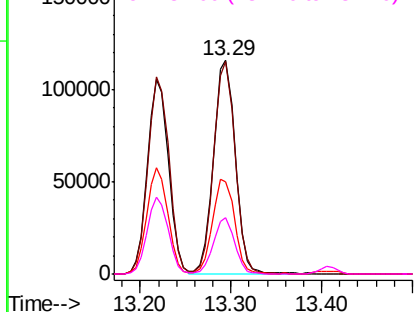
Abundance

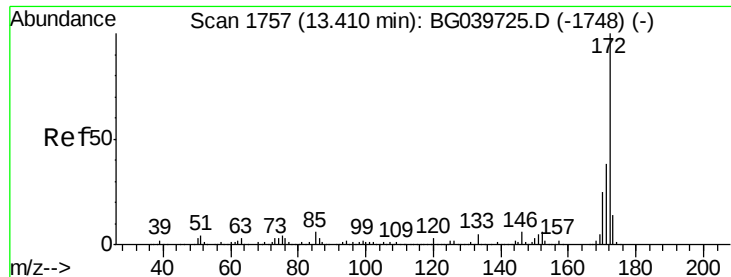
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

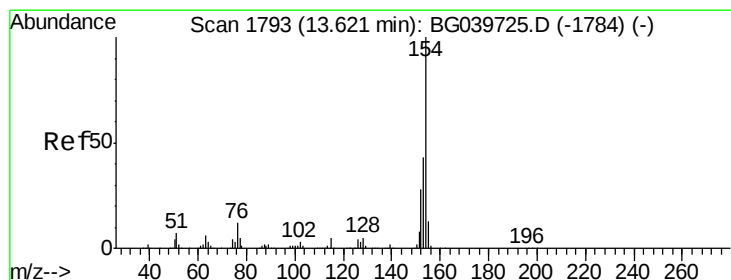
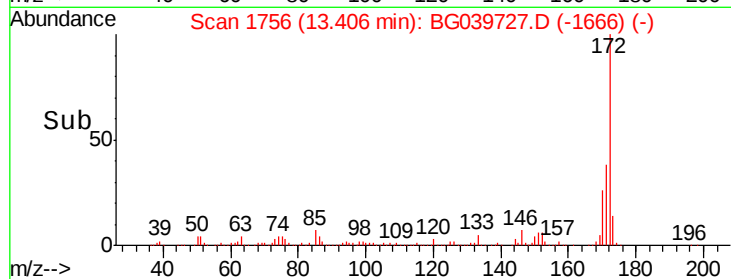
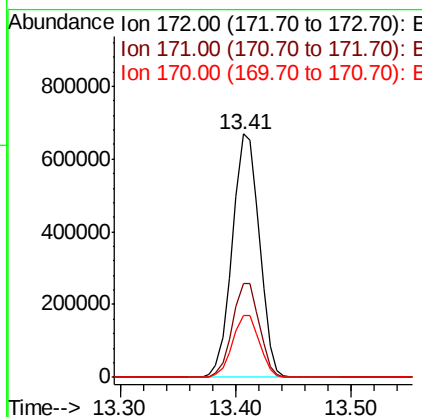
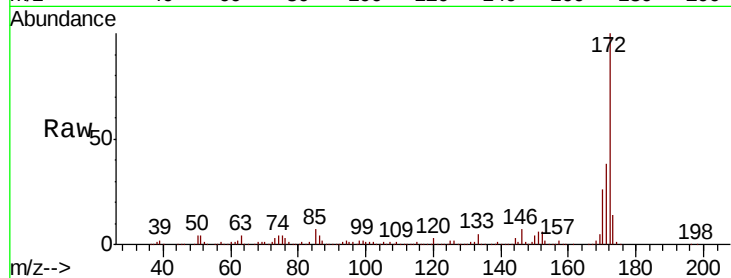




#45
 2-Fluorobiphenyl
 Concen: 112.906 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

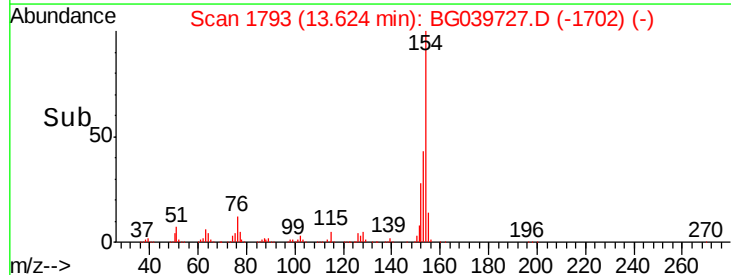
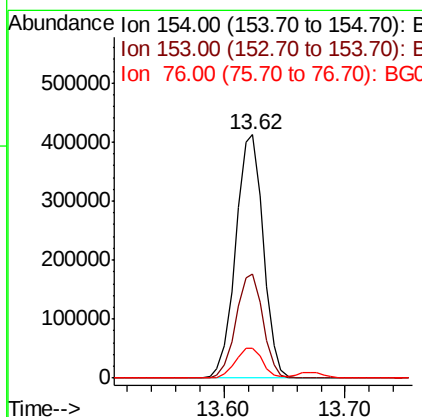
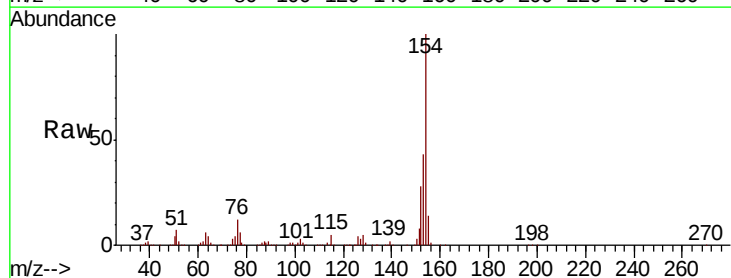
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1083831
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.7 46.1
 170 25.6 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 57.111 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion:154 Resp: 654358
 Ion Ratio Lower Upper
 154 100
 153 42.8 23.2 63.2
 76 12.5 0.0 31.7

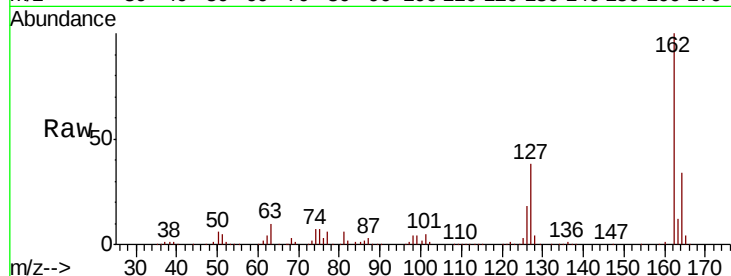




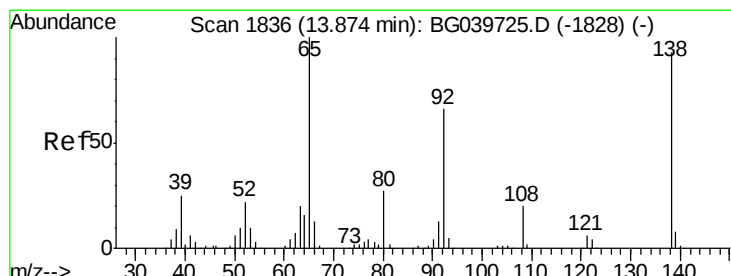
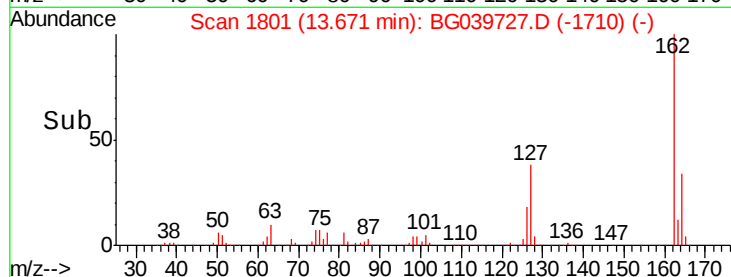
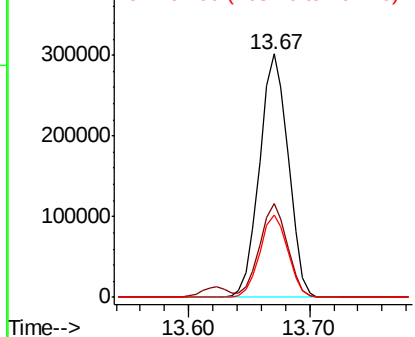
#47
 2-Chloronaphthalene
 Concen: 57.595 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 496430
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 33.6 27.6 41.4

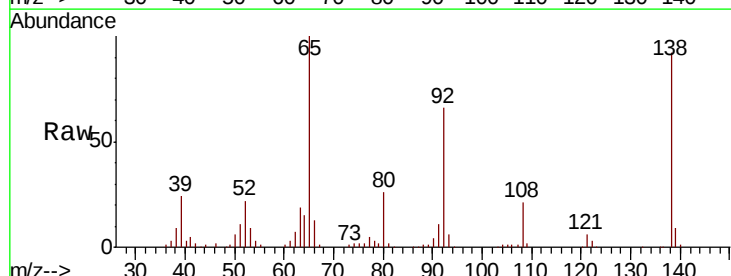


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

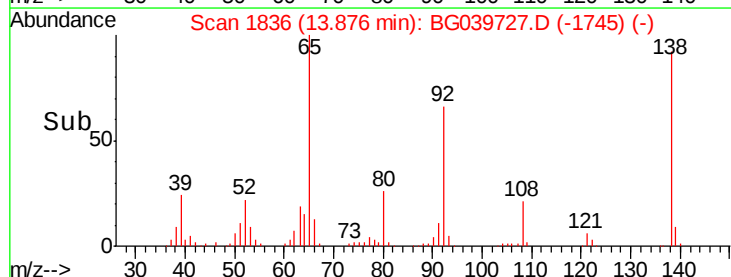
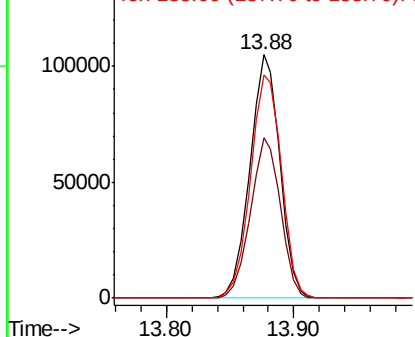


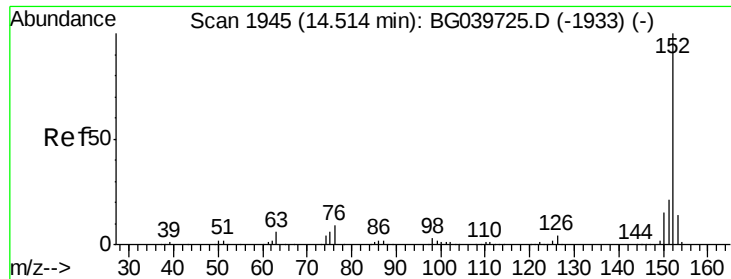
#48
 2-Nitroaniline
 Concen: 78.810 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion: 65 Resp: 172405
 Ion Ratio Lower Upper
 65 100
 92 65.8 52.6 79.0
 138 91.6 74.6 111.8



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: 63.003 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

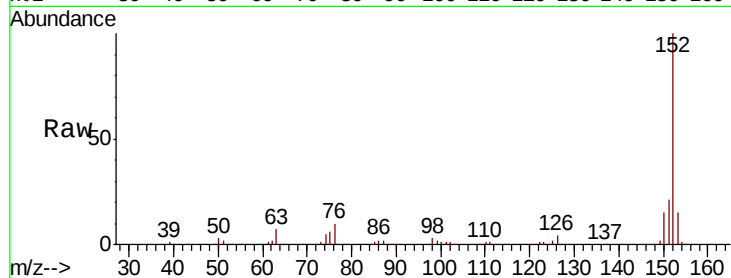
Tot Ion:152 Resp: 819409

Ion Ratio Lower Upper

152 100

151 21.5 16.7 25.1

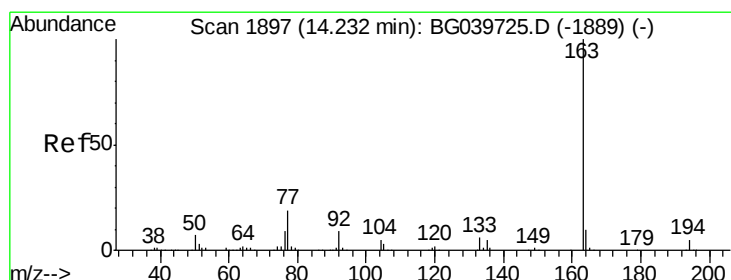
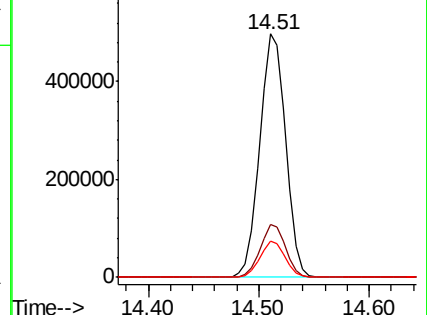
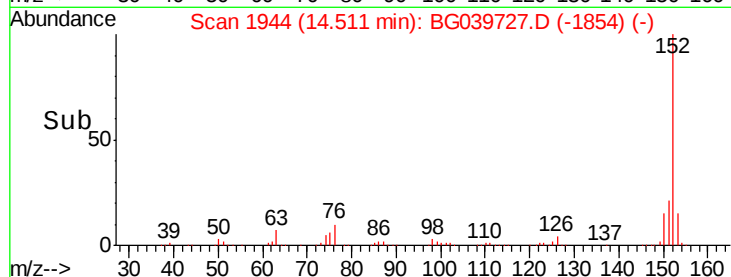
153 15.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.949 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

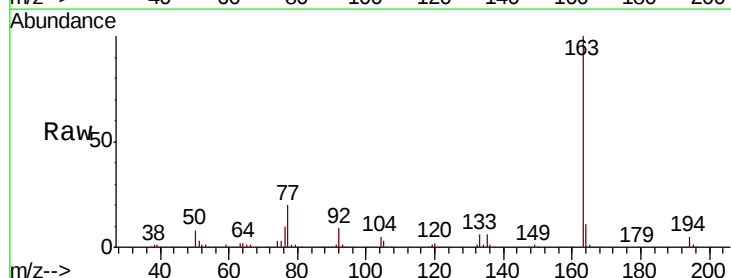
Tgt Ion:163 Resp: 666746

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

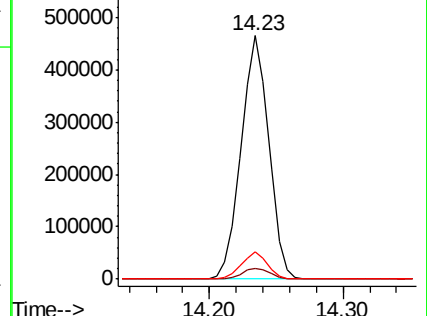
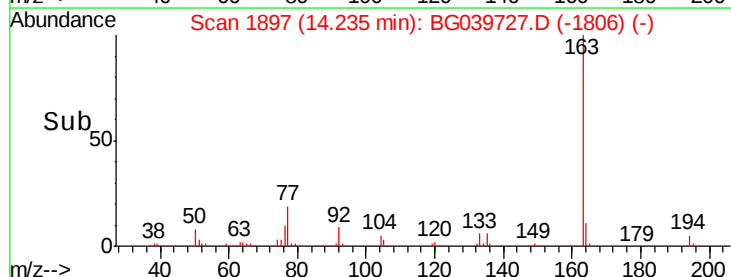
164 11.1 8.2 12.2

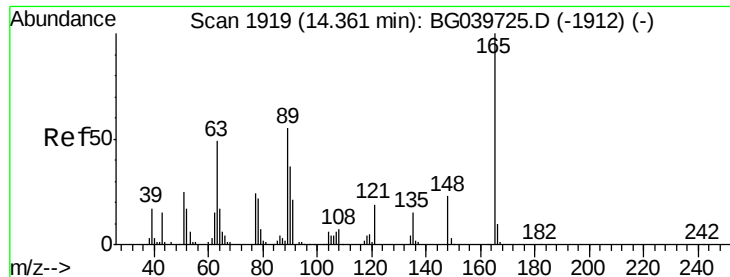


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

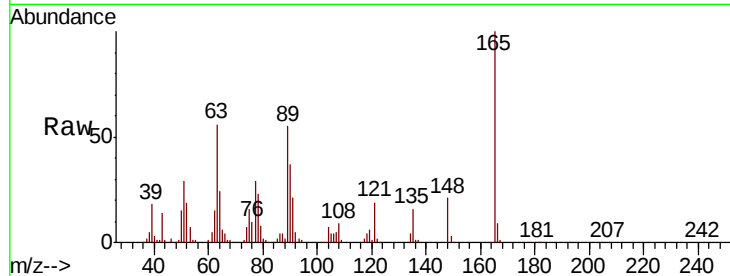




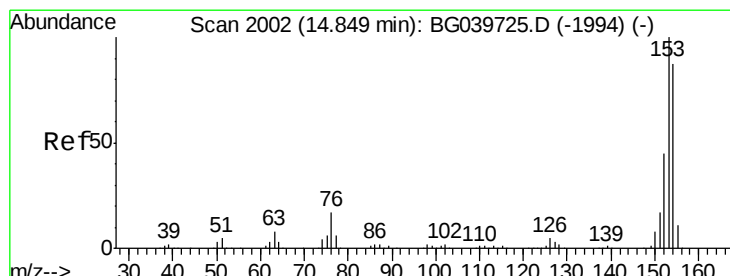
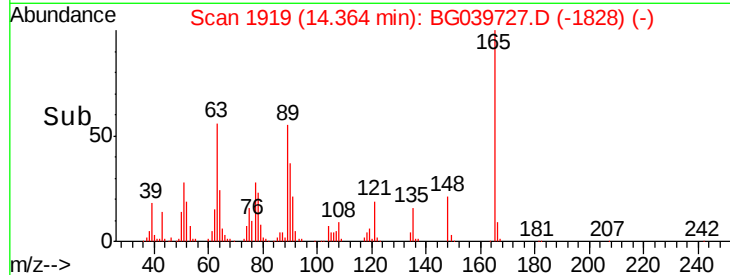
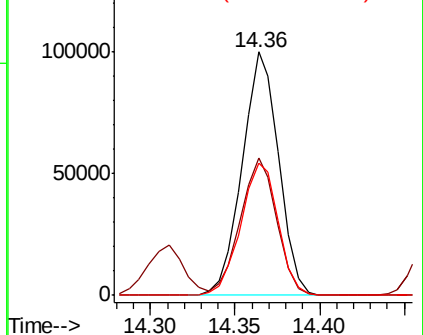
#51
 2,6-Dinitrotoluene
 Concen: 79.417 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.3	44.6	66.8
89	54.6	44.0	66.0

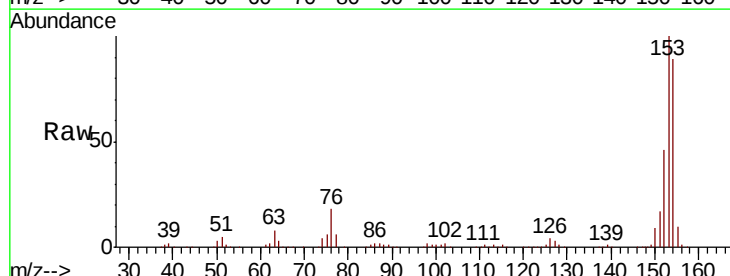


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

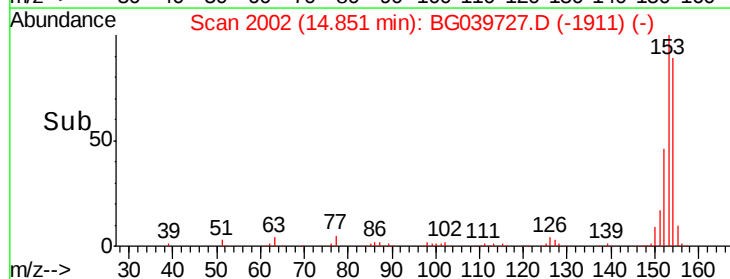
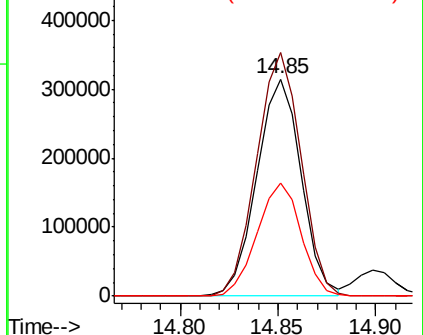


#52
 Acenaphthene
 Concen: 58.609 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	92.2	138.4
152	52.2	41.6	62.4



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

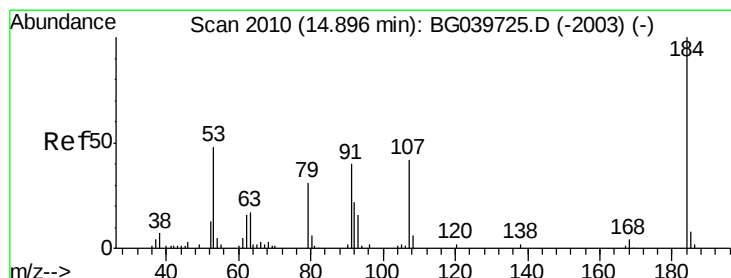
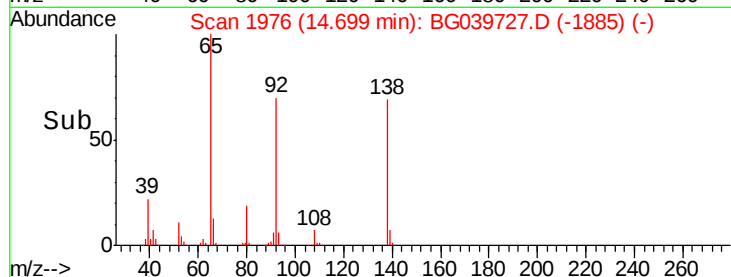
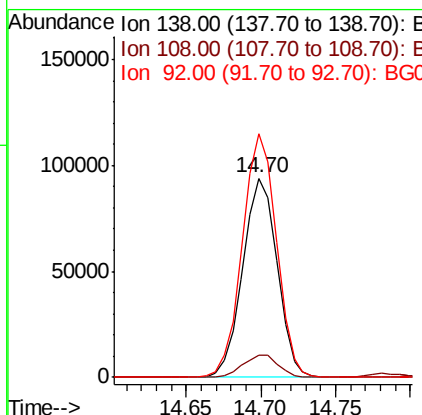
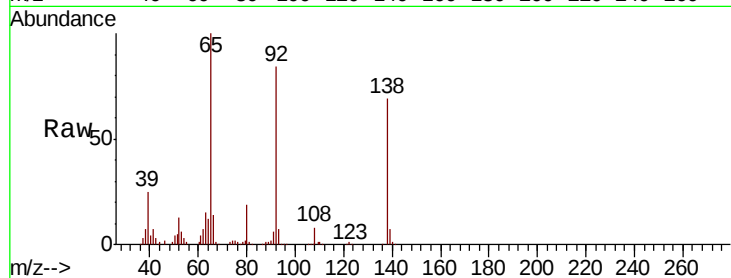




#53
3-Nitroaniline
Concen: 73.107 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

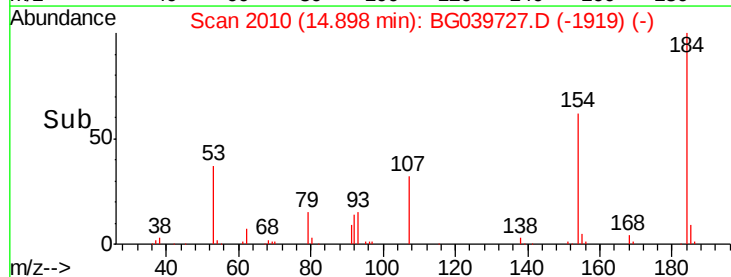
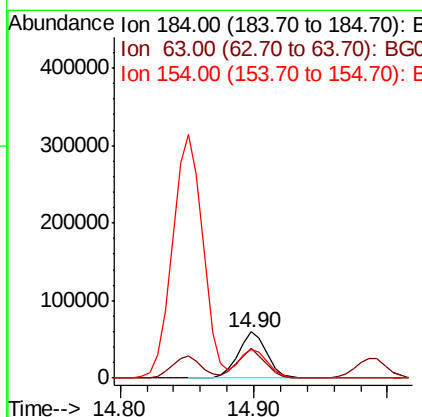
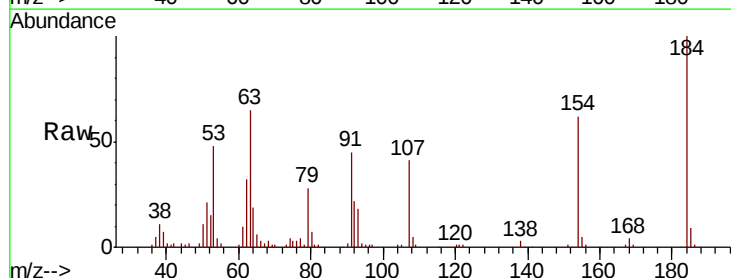
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 150168
Ion Ratio Lower Upper
138 100
108 11.3 10.0 15.0
92 122.4 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 125.723 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:184 Resp: 88678
Ion Ratio Lower Upper
184 100
63 65.3 47.4 71.0
154 62.3 50.1 75.1

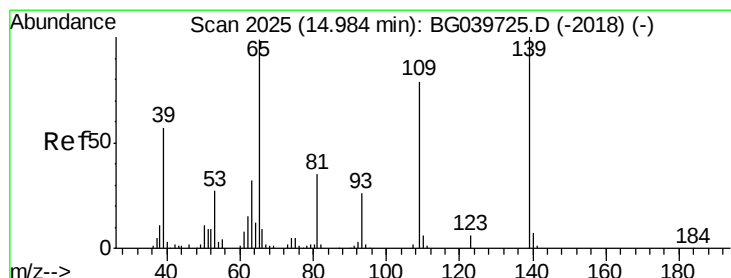
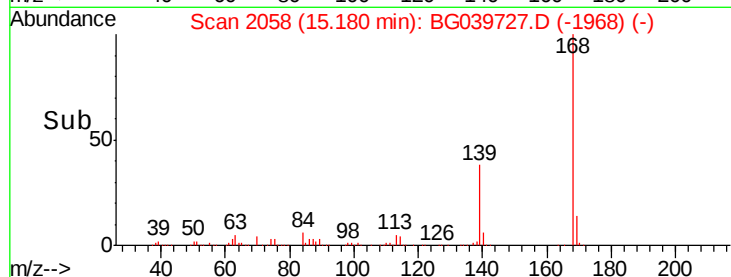
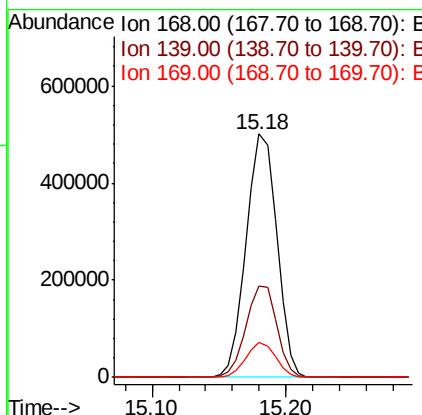
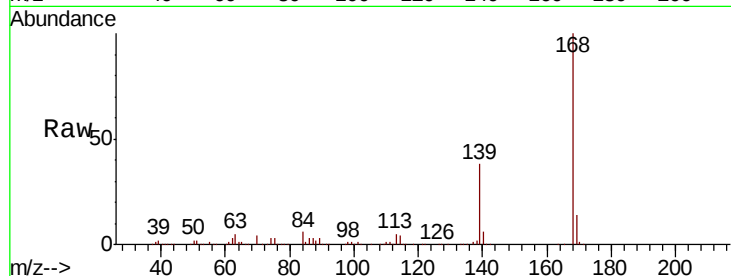




#55
Dibenzofuran
Concen: 58.770 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

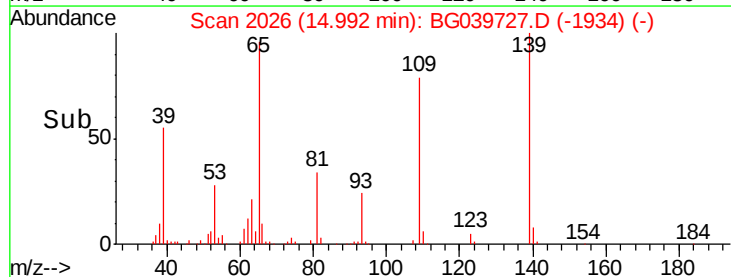
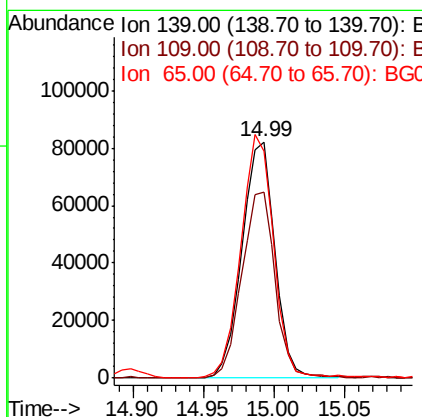
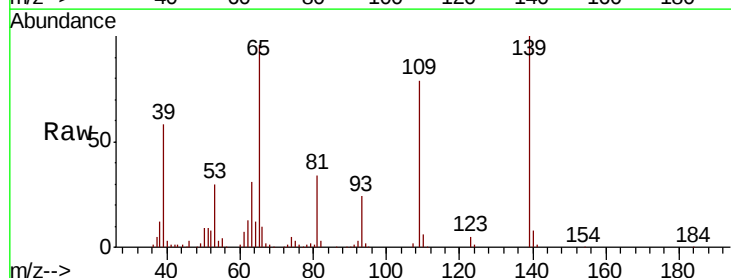
Instrument :
BNA_G
ClientSampleId :

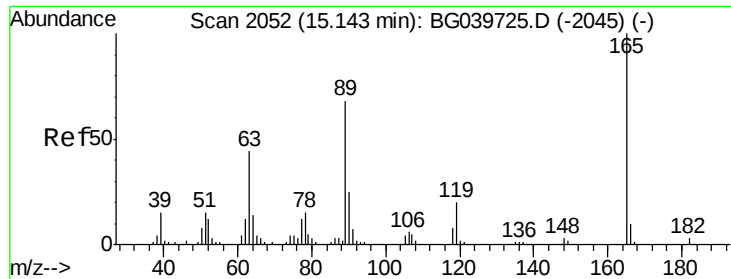
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.8	44.6
169	14.4	10.6	16.0



#56
4-Nitrophenol
Concen: 76.817 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.6	58.7	98.7
65	96.1	79.3	119.3

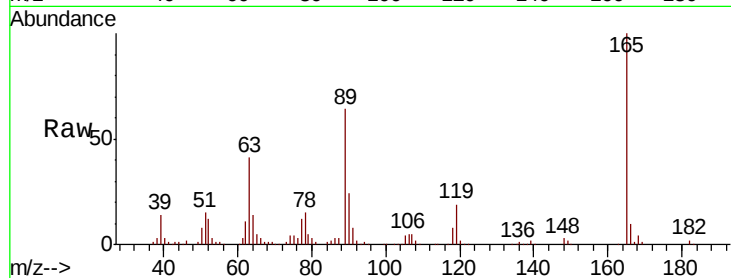




#57
 2,4-Dinitrotoluene
 Concen: 89.058 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	35.4	53.0
89	63.6	54.1	81.1
182	2.5	2.2	3.4



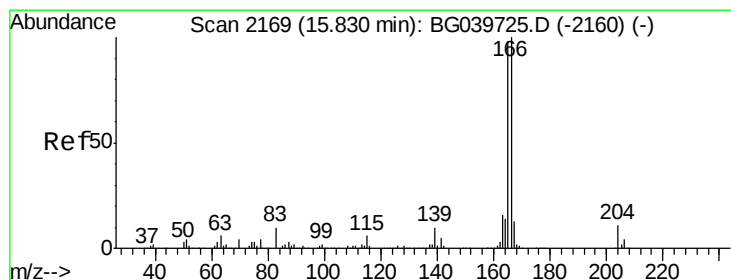
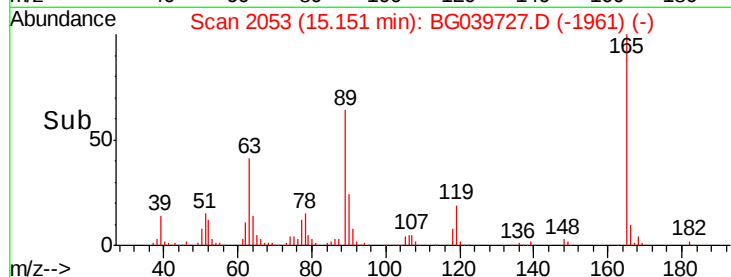
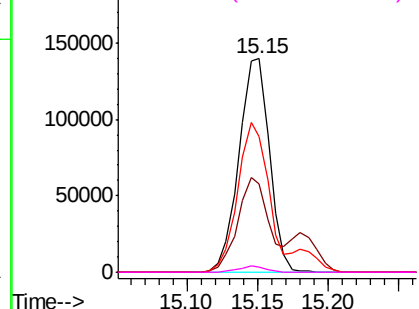
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

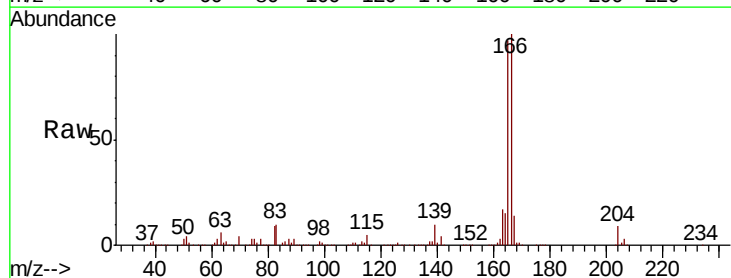
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 62.124 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.5	117.7
167	13.6	10.6	15.8

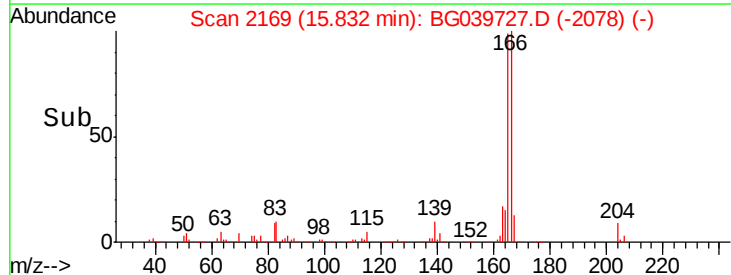
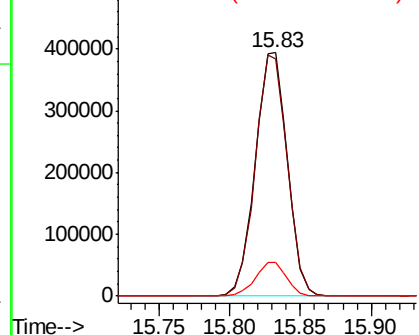


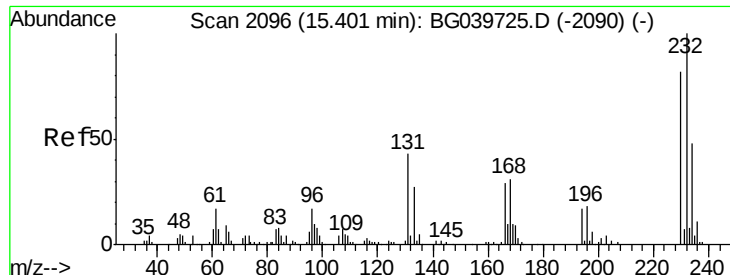
Abundance

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

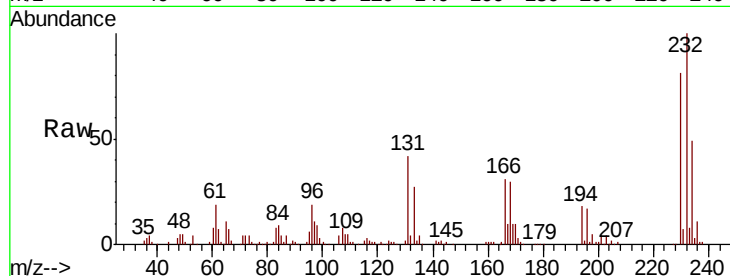




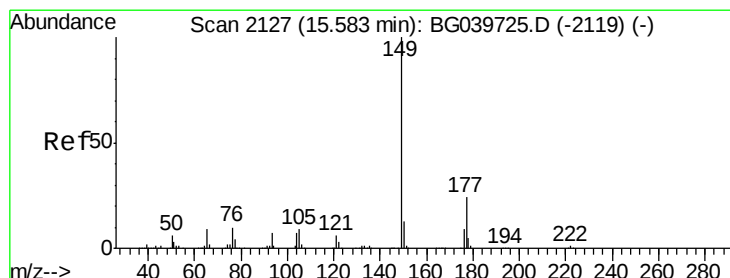
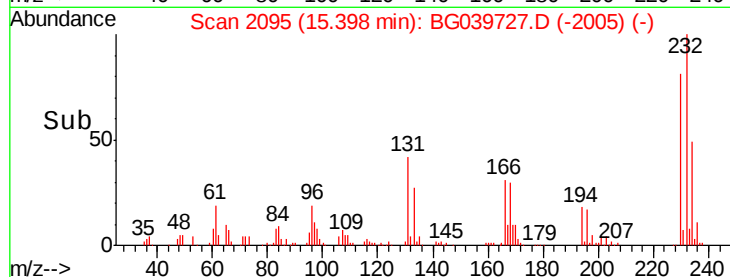
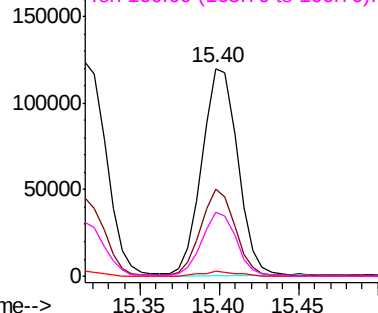
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 70.999 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	187699
Ion	Ratio	Lower	Upper
232	100		
131	41.0	32.6	49.0
130	2.3	2.0	3.0
166	30.3	22.9	34.3

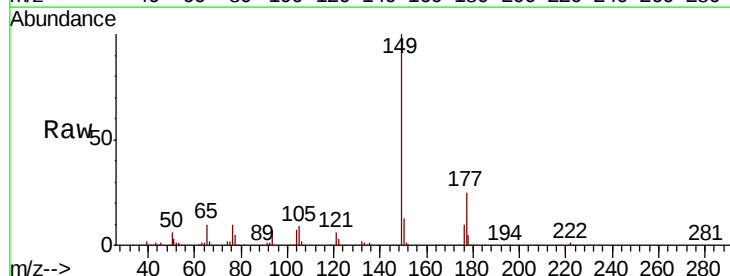


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

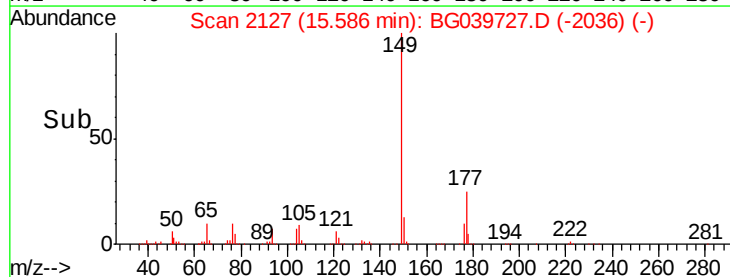
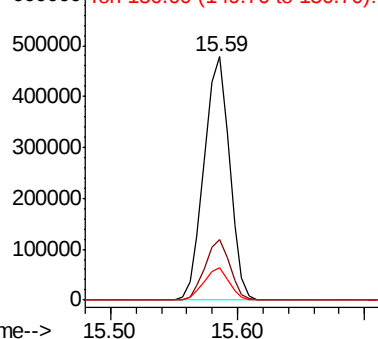


#60
 Diethylphthalate
 Concen: 57.607 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion:	149	Resp:	662432
Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.9	28.3
150	13.1	10.3	15.5



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

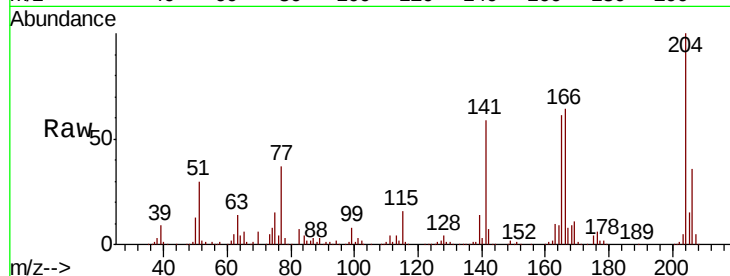




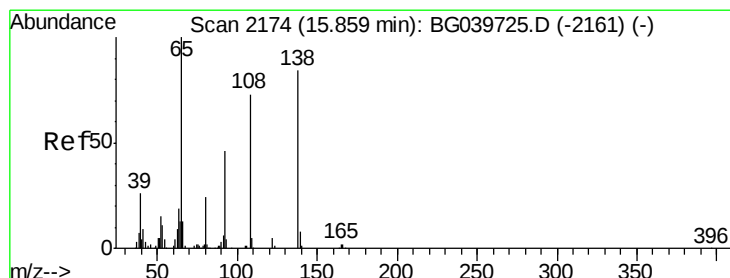
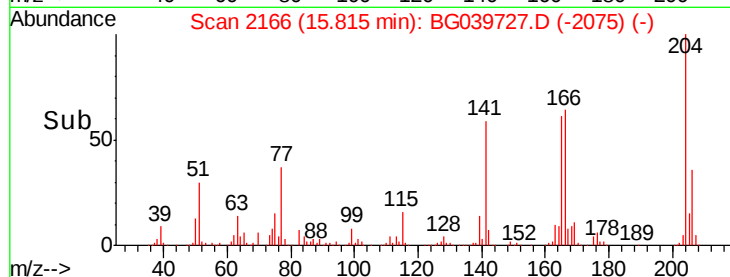
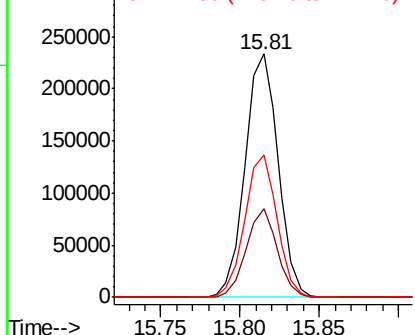
#61
4-Chlorophenyl-phenylether
Concen: 58.902 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 336537
Ion Ratio Lower Upper
204 100
206 36.2 27.0 40.4
141 58.6 46.4 69.6

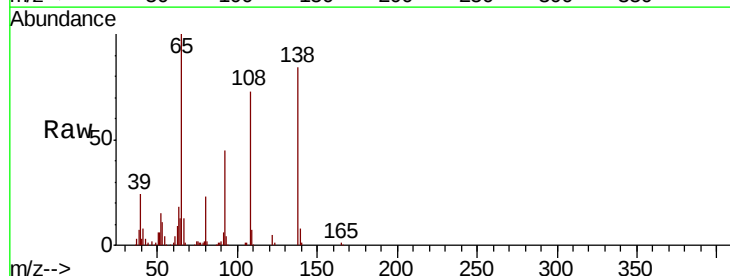


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

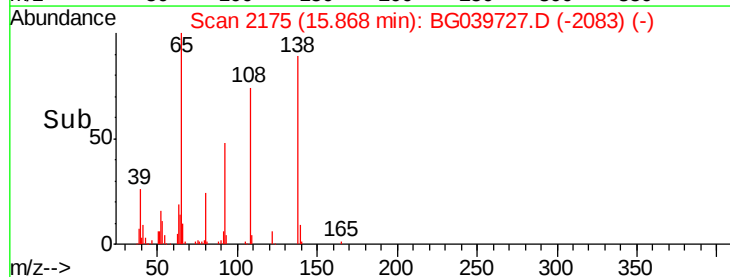
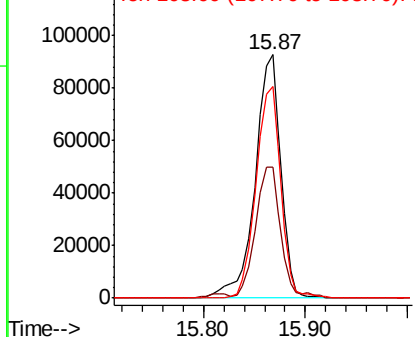


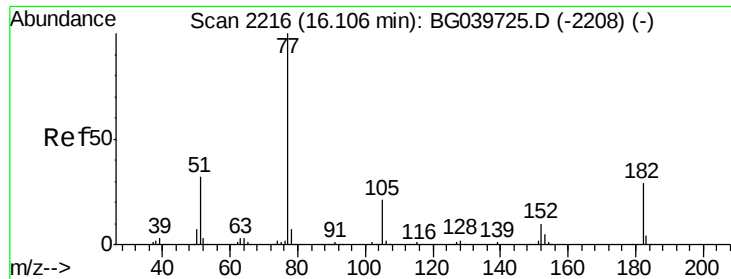
#62
4-Nitroaniline
Concen: 74.546 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:138 Resp: 162487
Ion Ratio Lower Upper
138 100
92 54.0 34.9 74.9
108 86.8 67.5 107.5



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

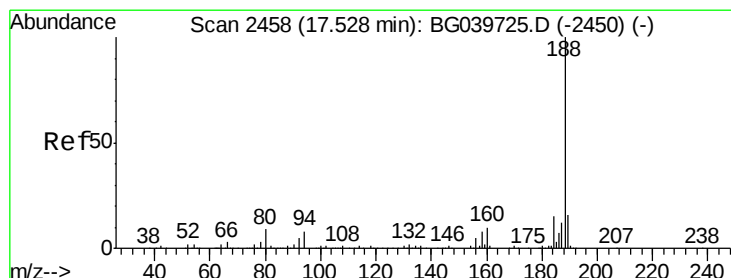
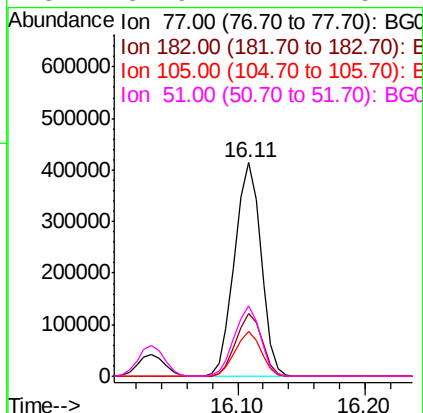
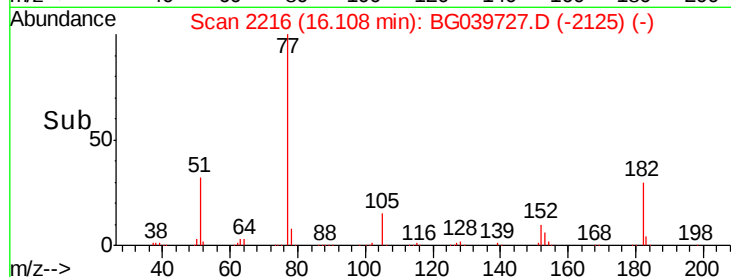
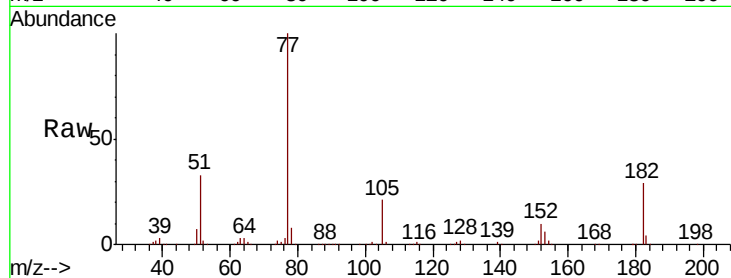




#63
Azobenzene
Concen: 53.189 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

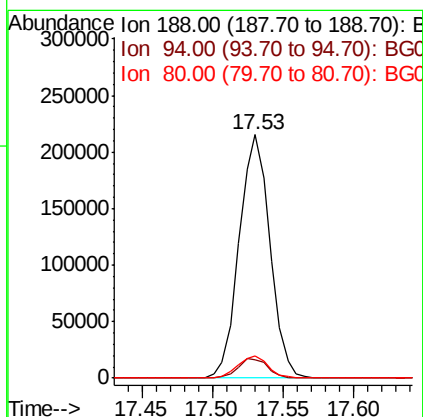
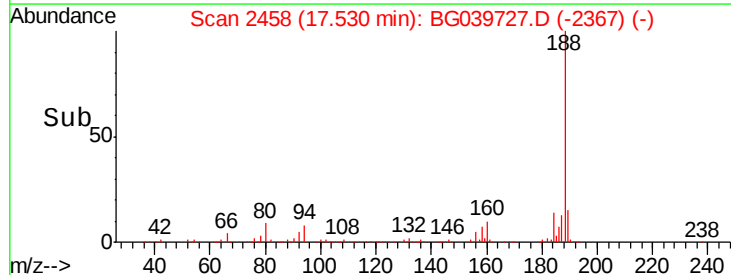
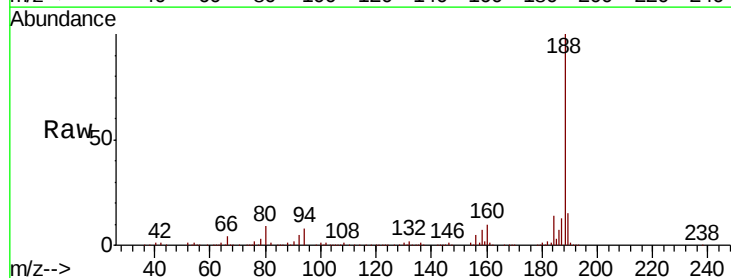
Instrument :
BNA_G
ClientSampleId :

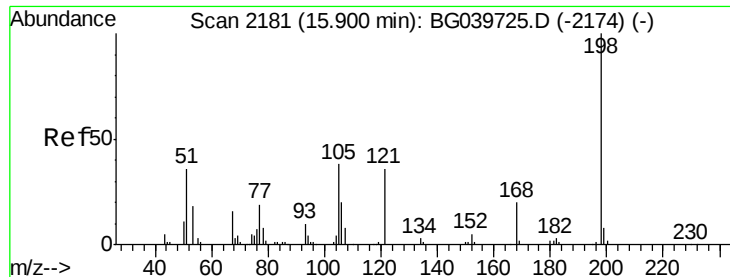
Tot Ion: 77 Resp: 597808
Ion Ratio Lower Upper
77 100
182 29.3 8.9 48.9
105 21.0 0.9 40.9
51 32.9 12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion: 188 Resp: 327651
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 9.0 7.4 11.0





#65

4,6-Dinitro-2-methylphenol

Concen: 102.946 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

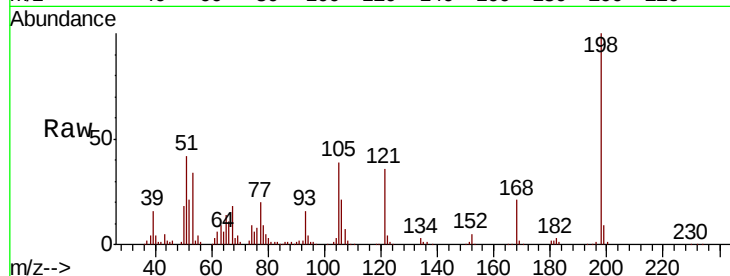
Tot Ion:198 Resp: 123965

Ion	Ratio	Lower	Upper
198	100		
51	42.1	24.4	64.4
105	39.1	19.4	59.4

198 100

51 42.1 24.4 64.4

105 39.1 19.4 59.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039727.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E

120000

100000

80000

60000

40000

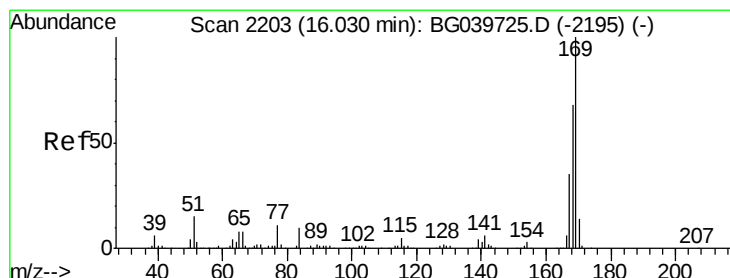
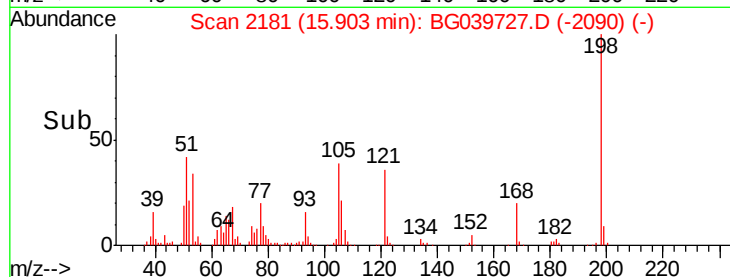
20000

0

15.90

16.00

Time-->



#66

n-Nitrosodiphenylamine

Concen: 56.839 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

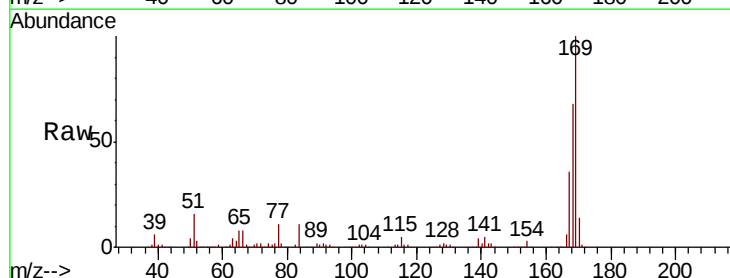
Tgt Ion:169 Resp: 566277

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.8	82.2
167	35.8	28.0	42.0

169 100

168 67.6 54.8 82.2

167 35.8 28.0 42.0



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

500000

400000

300000

200000

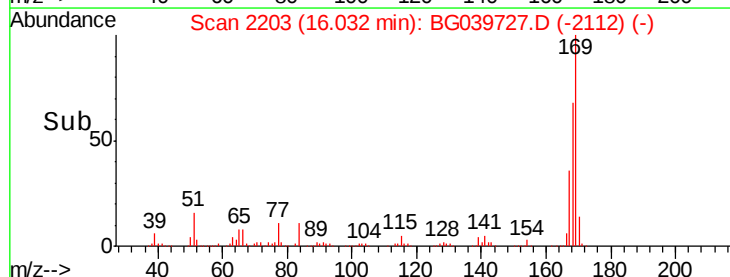
100000

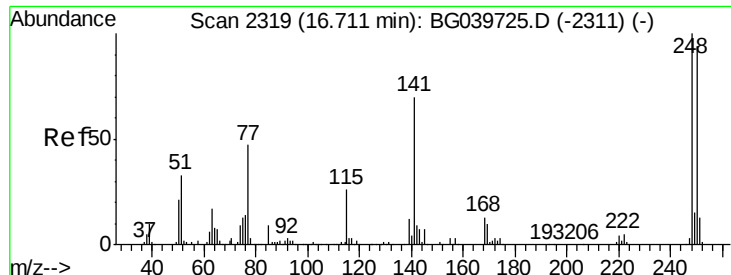
0

16.03

16.10

Time-->

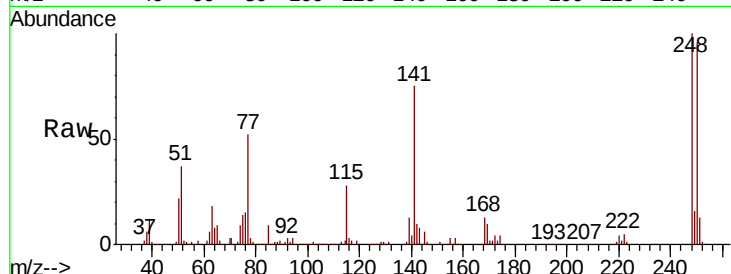




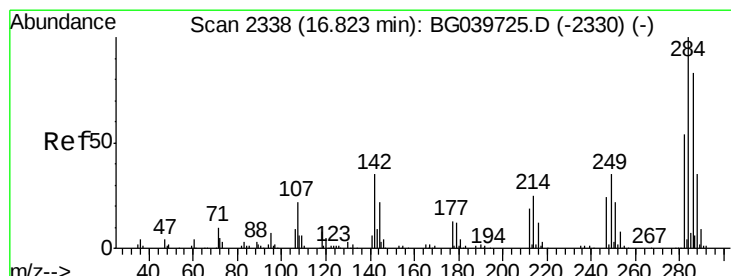
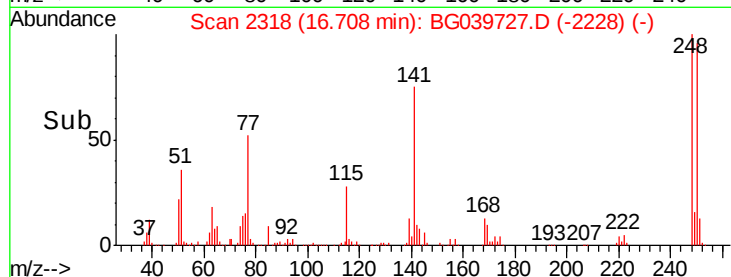
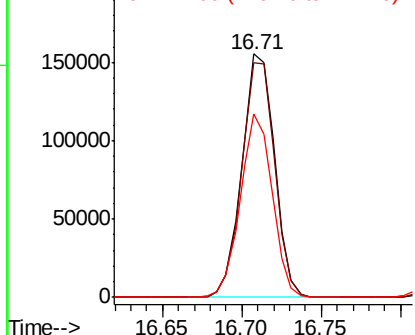
#67
4-Bromophenyl-phenylether
Concen: 61.139 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 222236
Ion Ratio Lower Upper
248 100
250 96.4 75.2 112.8
141 75.4 55.8 83.6

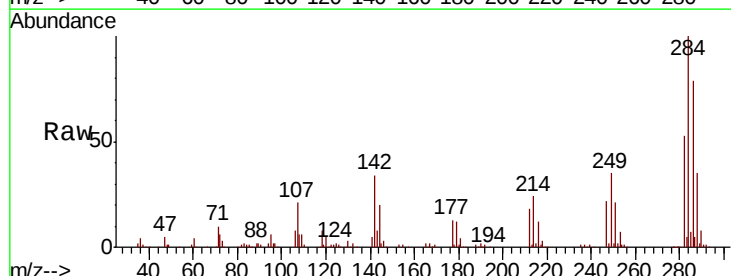


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

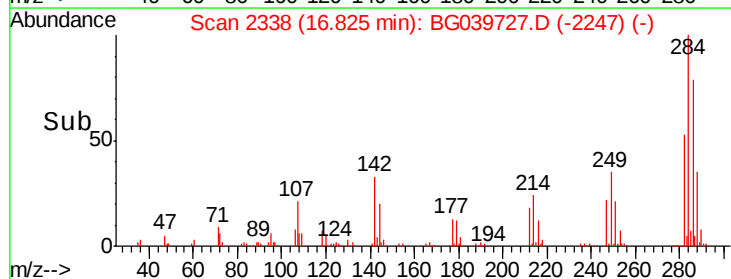
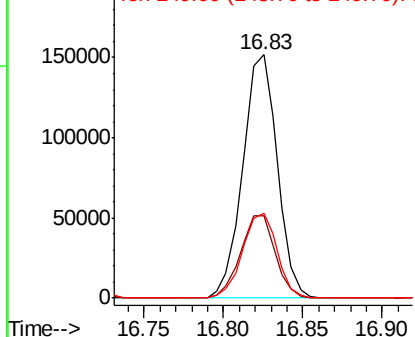


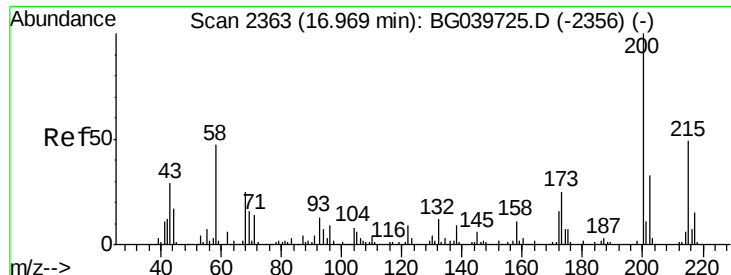
#68
Hexachlorobenzene
Concen: 62.855 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:284 Resp: 229228
Ion Ratio Lower Upper
284 100
142 33.6 28.2 42.2
249 35.0 28.2 42.4



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: 61.903 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

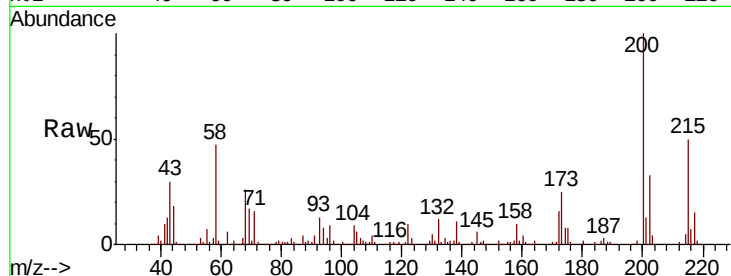
Tot Ion:200 Resp: 225376

Ion Ratio Lower Upper

200 100

173 25.1 4.8 44.8

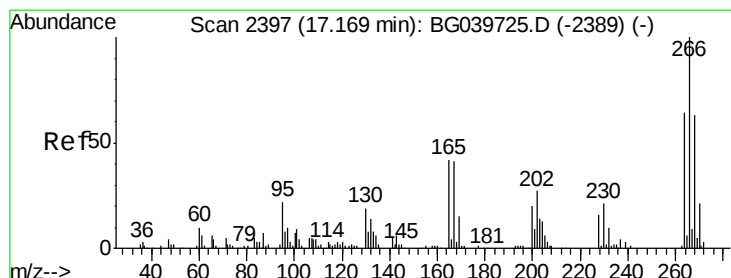
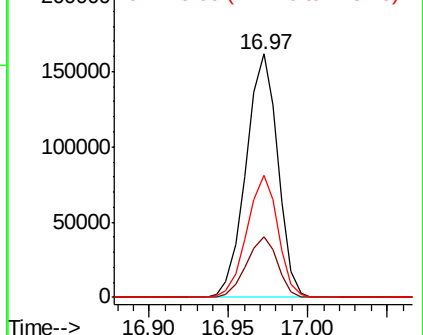
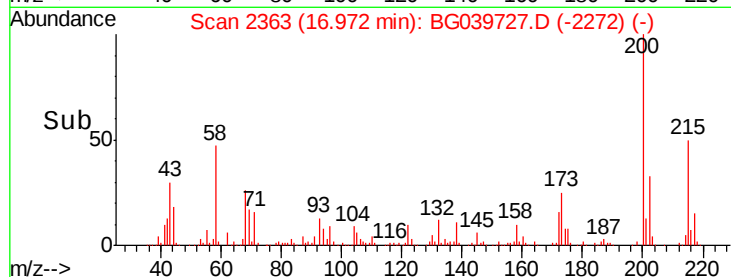
215 50.0 29.1 69.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 60.539 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

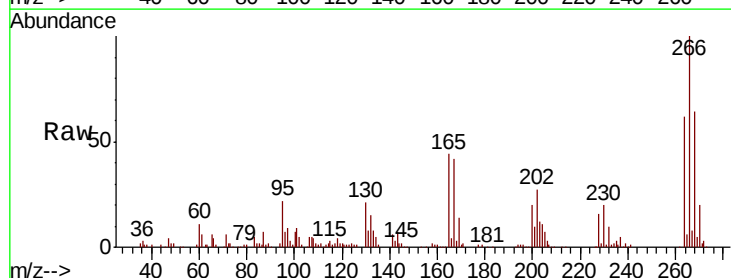
Tgt Ion:266 Resp: 153447

Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

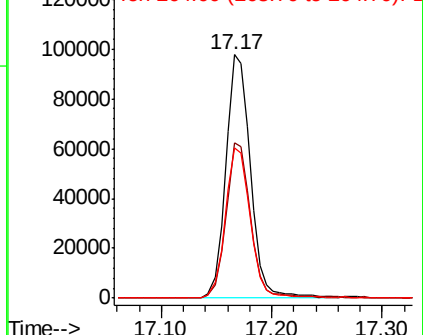
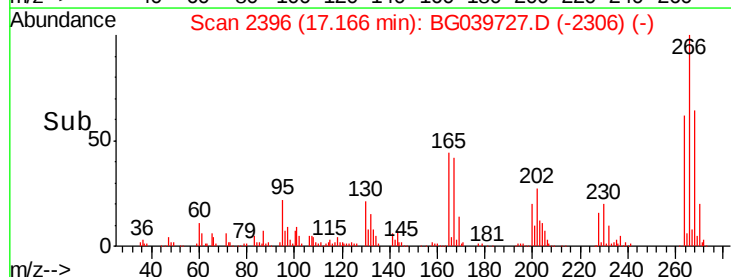
264 61.7 51.3 76.9

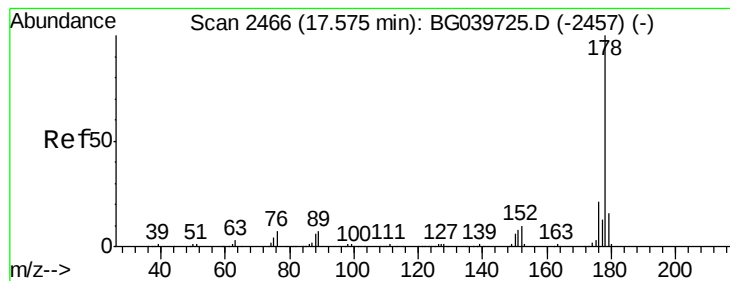


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 60.948 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

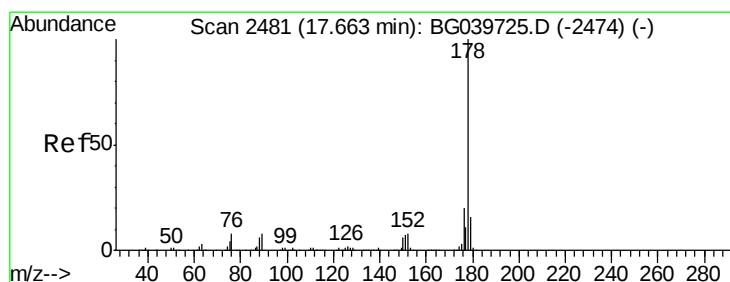
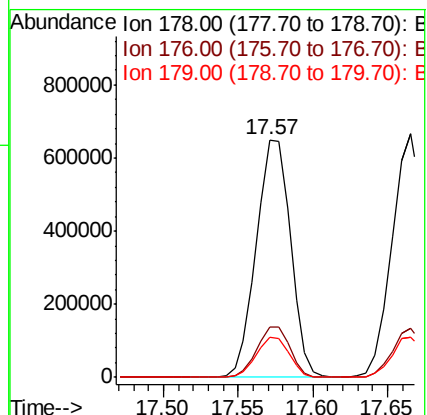
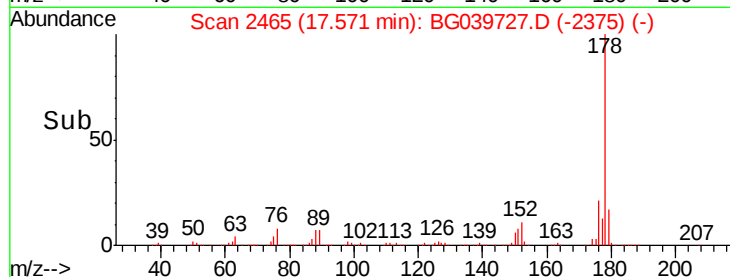
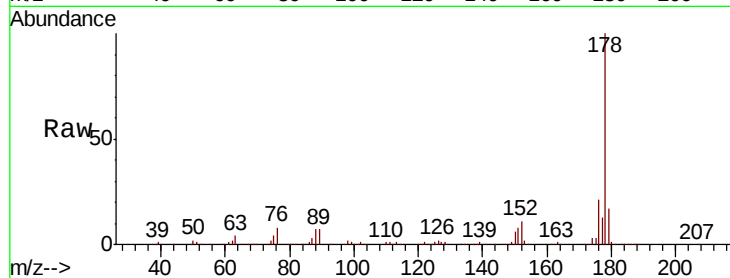
Tot Ion:178 Resp: 1033568

Ion Ratio Lower Upper

178 100

176 21.2 16.5 24.7

179 16.9 12.8 19.2



#72

Anthracene

Concen: 61.476 ng

RT: 17.67 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

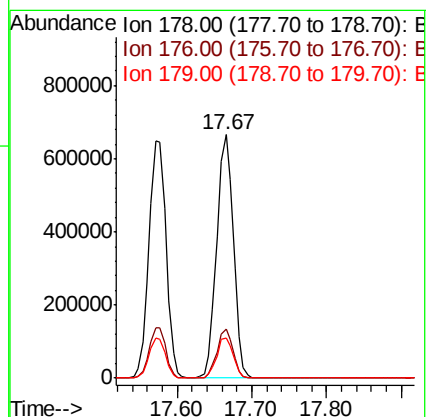
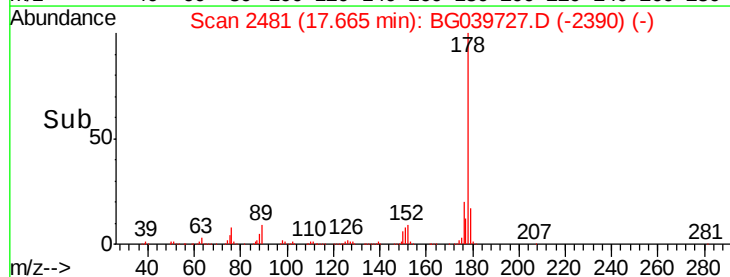
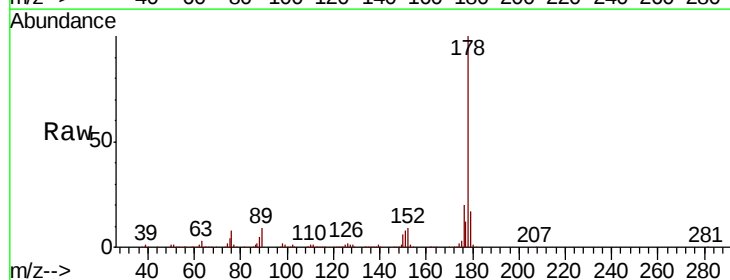
Tgt Ion:178 Resp: 1026893

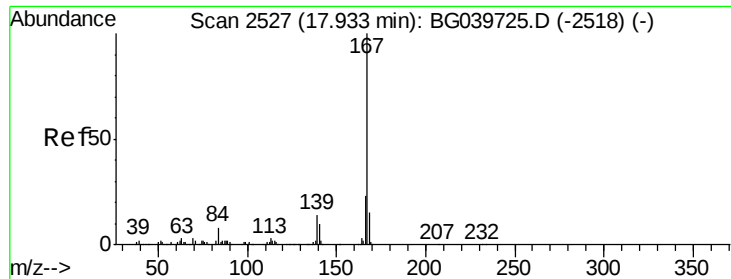
Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 16.7 12.8 19.2

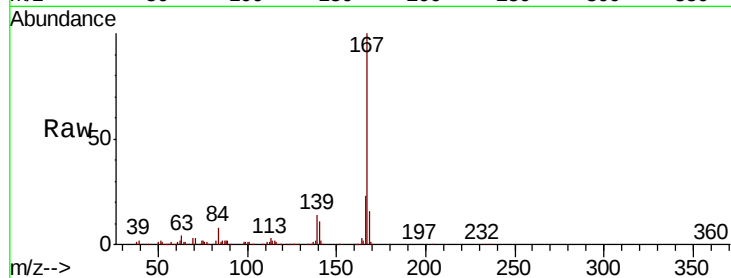




#73
 Carbazole
 Concen: 55.215 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.4	27.6
139	14.0	11.0	16.4

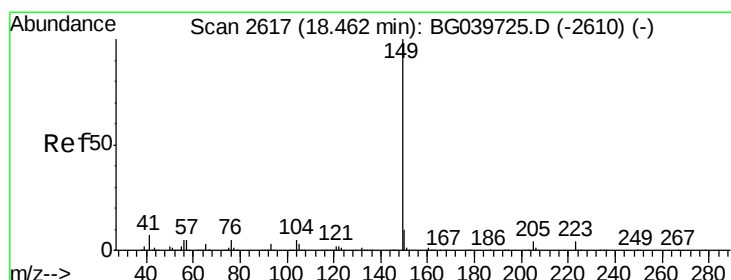
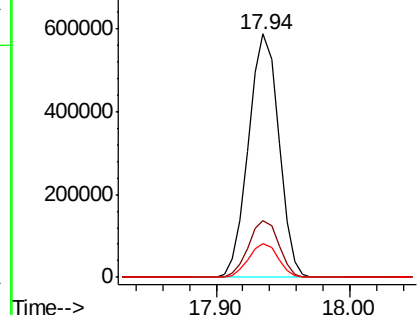
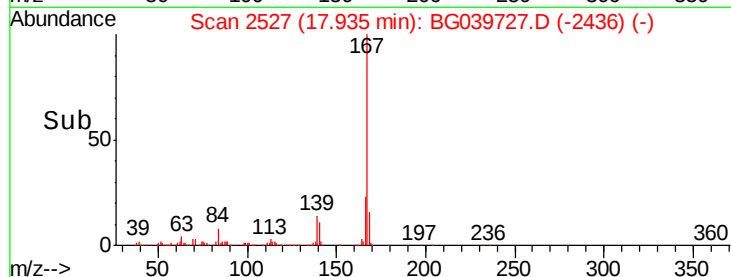


Abundance

Ion 167.00 (166.70 to 167.70): E

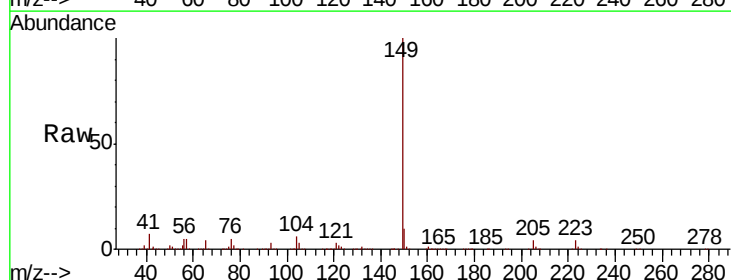
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 55.932 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. 0.00 min
 Lab File: BG039727.D
 Acq: 4 Mar 2019 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	5.6	4.1	6.1

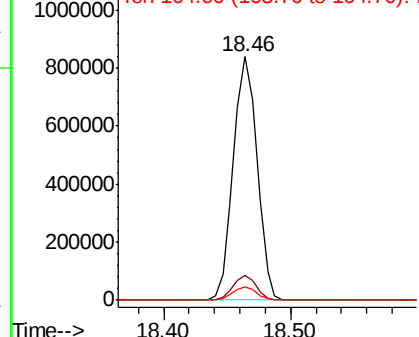
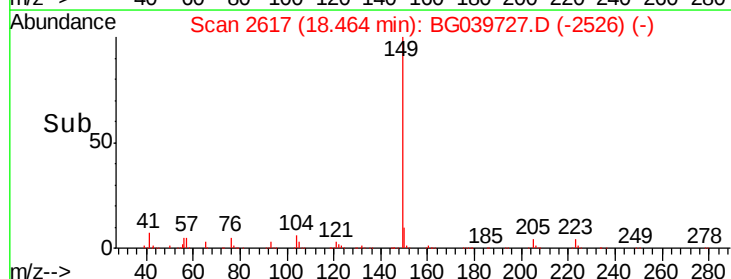


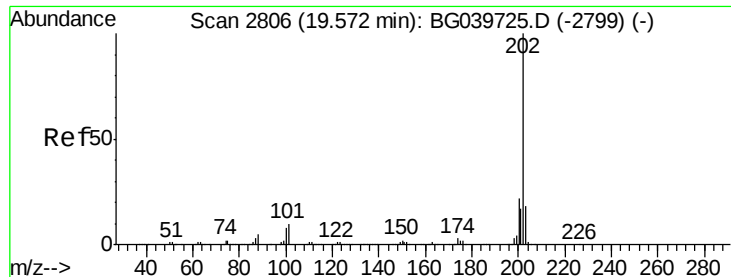
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 61.745 ng

RT: 19.57 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

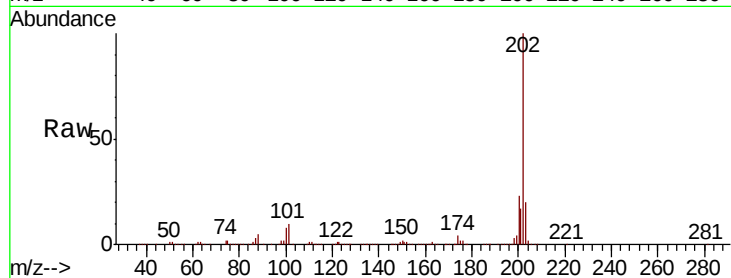
Tot Ion:202 Resp: 1215349

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.6

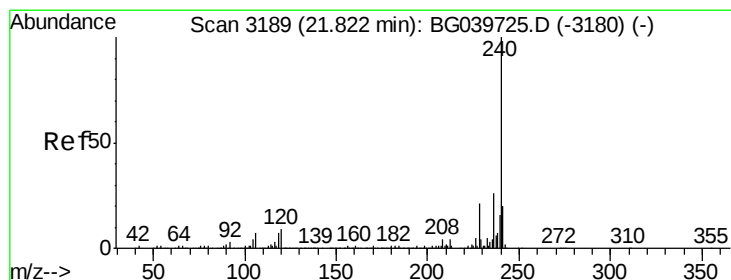
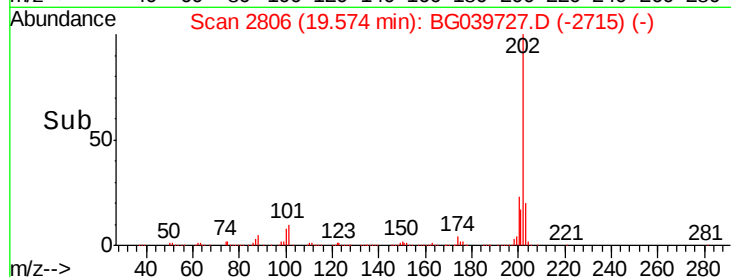
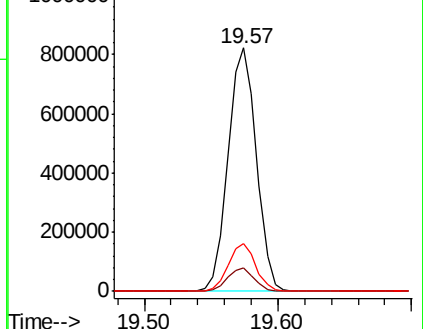
203 19.5 0.0 38.3



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: 21.82 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

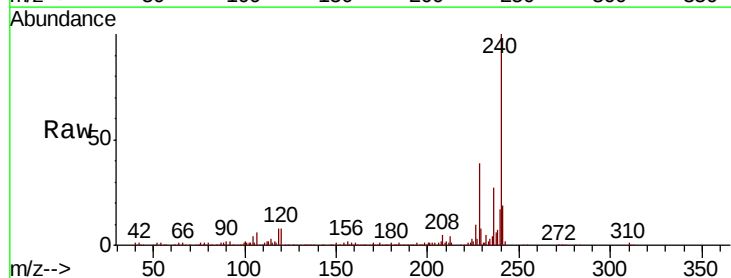
Tgt Ion:240 Resp: 318625

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

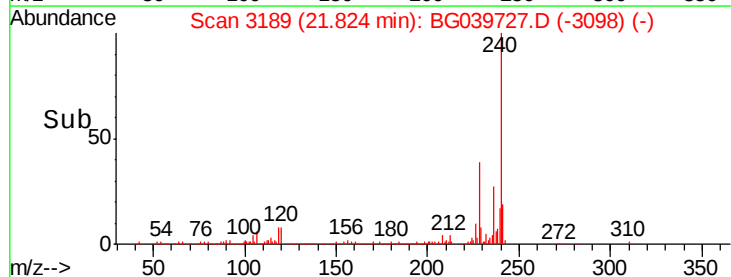
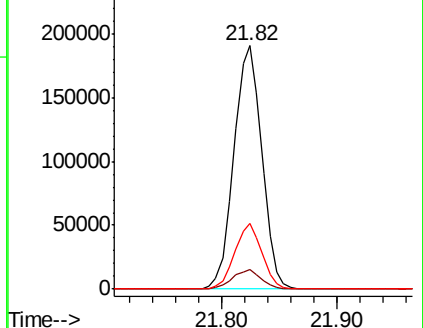
236 27.1 20.9 31.3

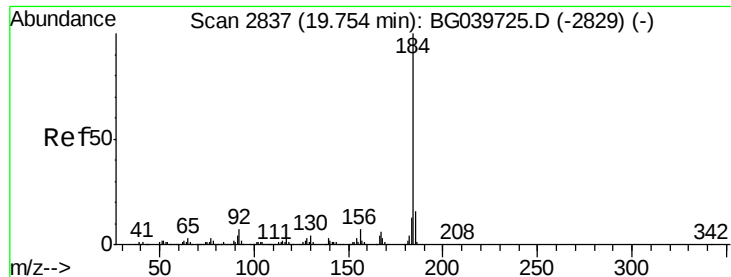


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.976 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

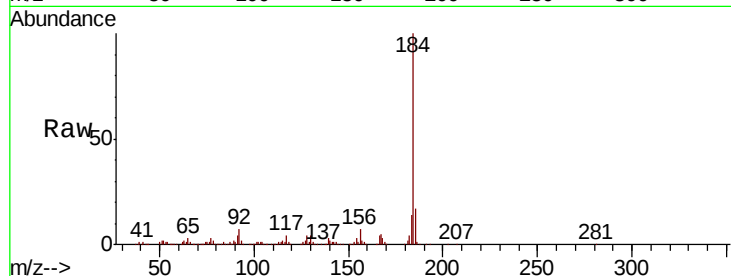
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 626528

Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.1	19.7
183	13.8	10.5	15.7

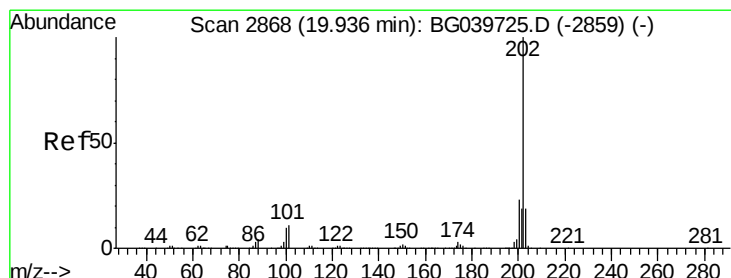
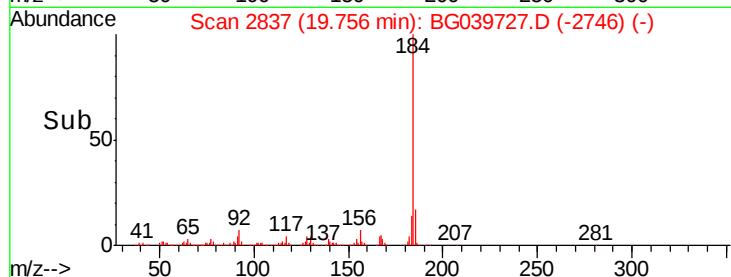
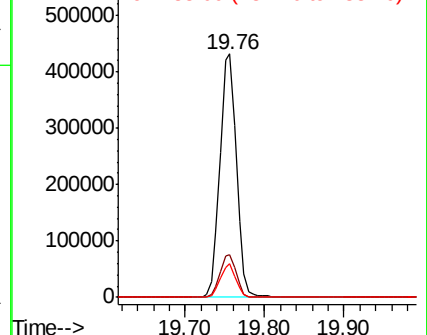


Abundance

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: 60.727 ng

RT: 19.94 min Scan# 2868

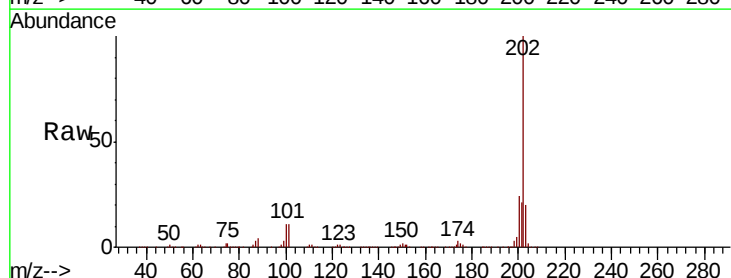
Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Tgt Ion:202 Resp: 1204537

Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.1	27.1
203	19.9	14.9	22.3

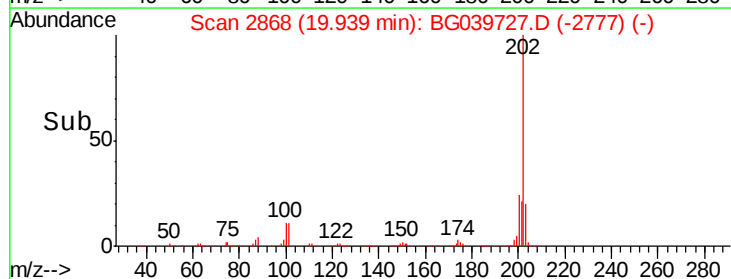
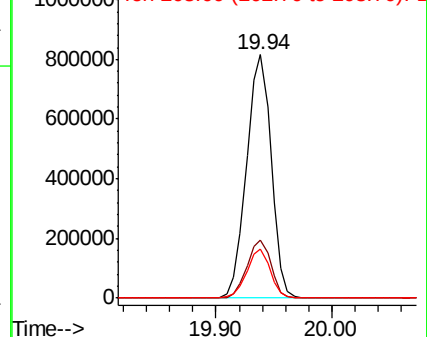


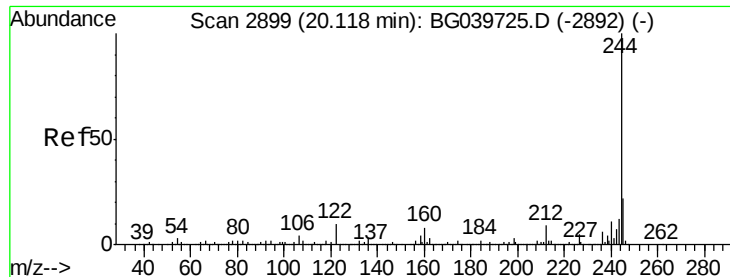
Abundance

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: 107.480 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampled :

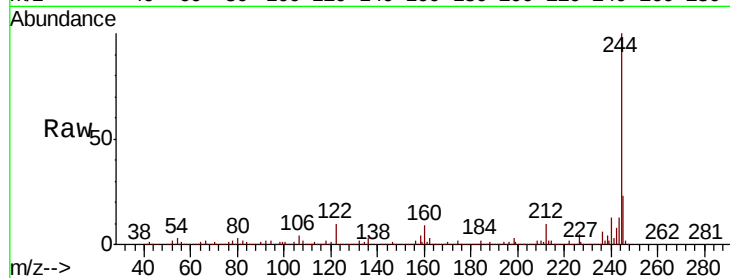
Tot Ion:244 Resp: 1617902

Ion Ratio Lower Upper

244 100

212 9.8 7.4 11.0

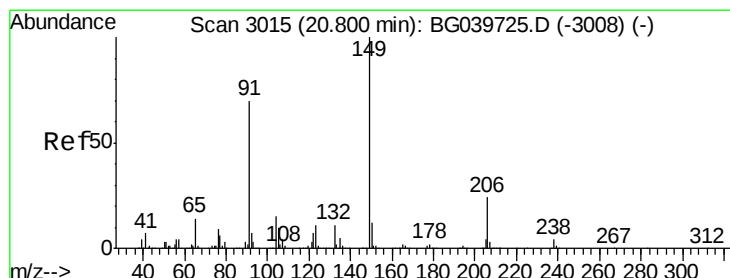
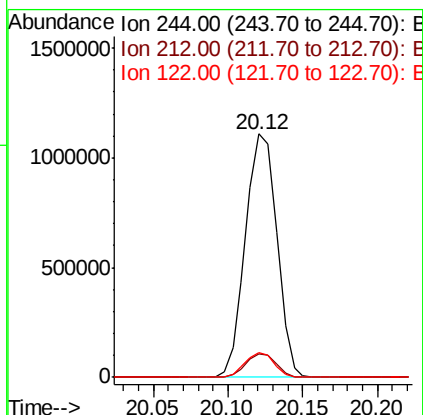
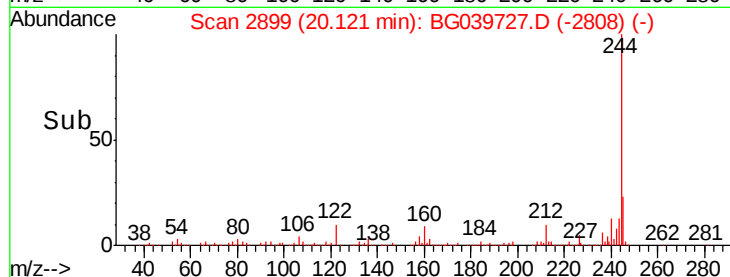
122 10.3 7.8 11.6



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: 60.100 ng

RT: 20.80 min Scan# 3015

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

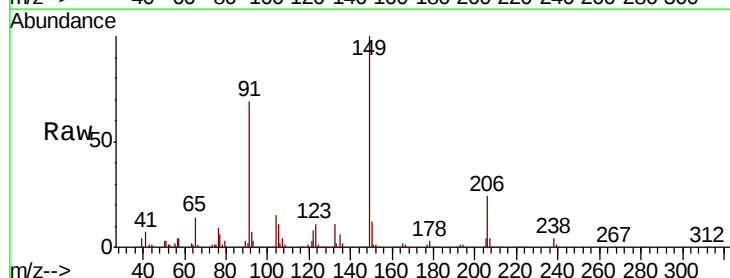
Tgt Ion:149 Resp: 502870

Ion Ratio Lower Upper

149 100

91 68.9 56.1 84.1

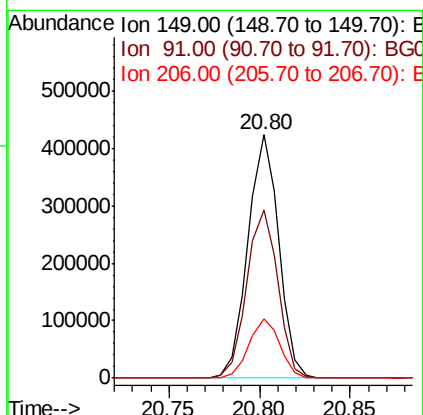
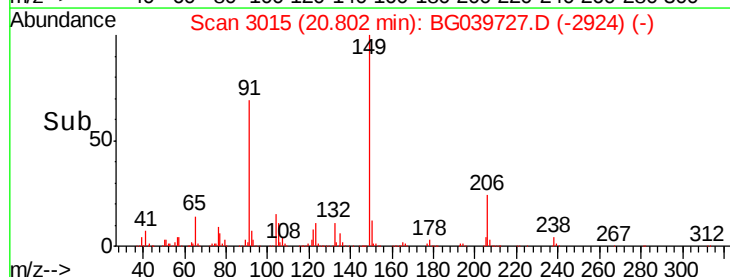
206 24.3 19.0 28.6



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: 62.508 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

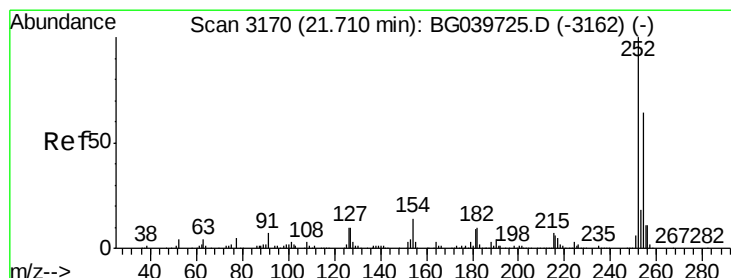
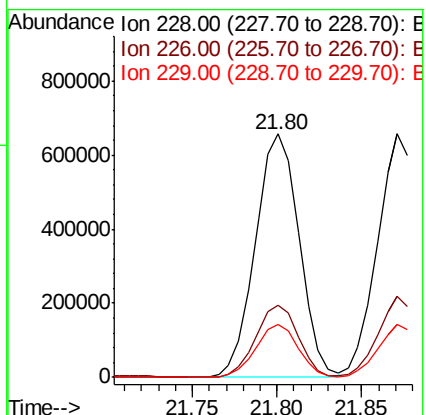
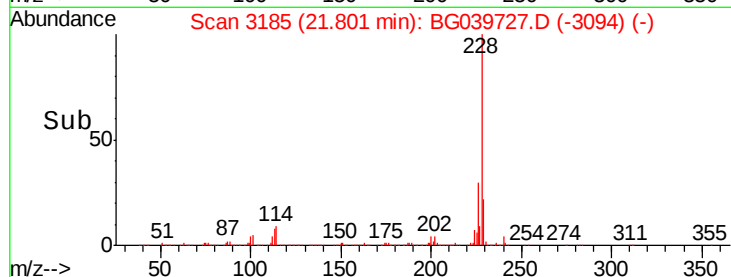
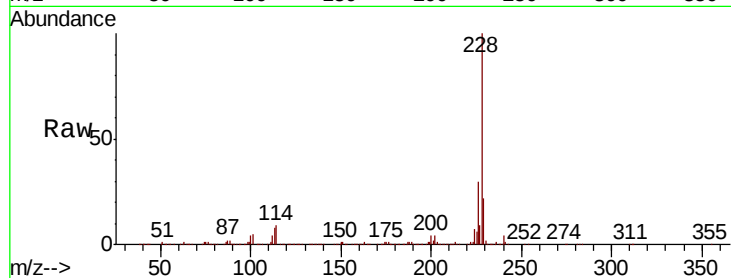
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1176867

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	21.7	17.0	25.4



#82

3,3'-Dichlorobenzidine

Concen: 63.410 ng

RT: 21.71 min Scan# 3170

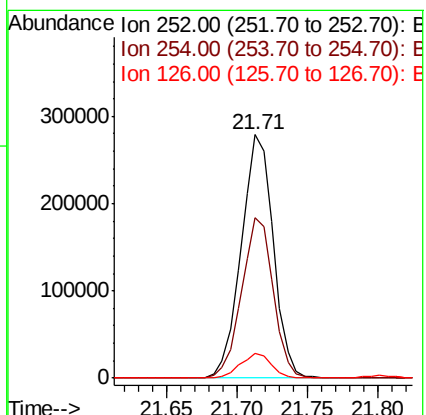
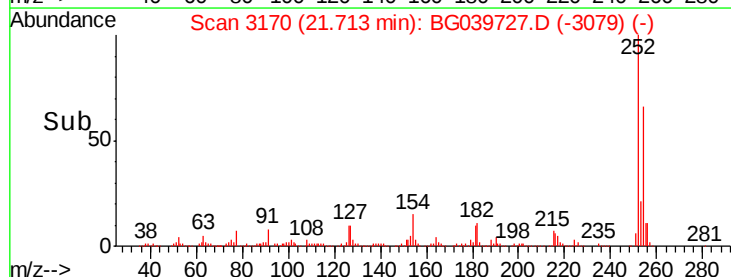
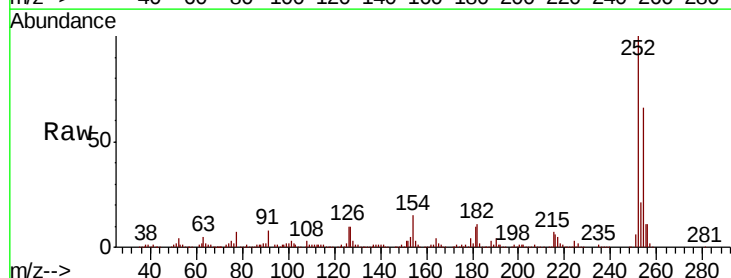
Delta R.T. 0.00 min

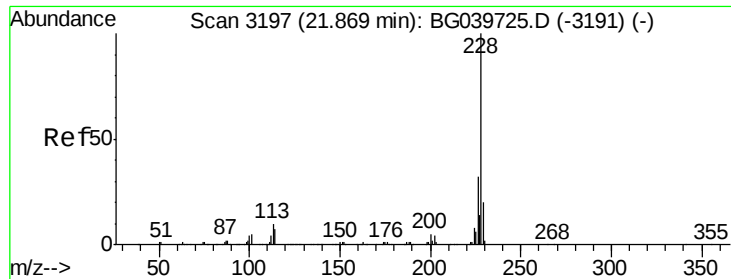
Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Tgt Ion:252 Resp: 442668

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.5	77.3
126	10.3	8.0	12.0





#83

Chrysene

Concen: 63.178 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

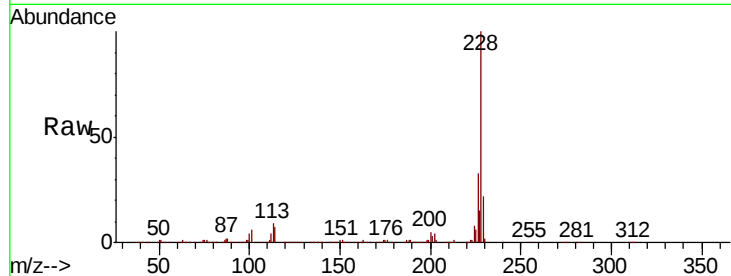
Tot Ion:228 Resp: 1132299

Ion Ratio Lower Upper

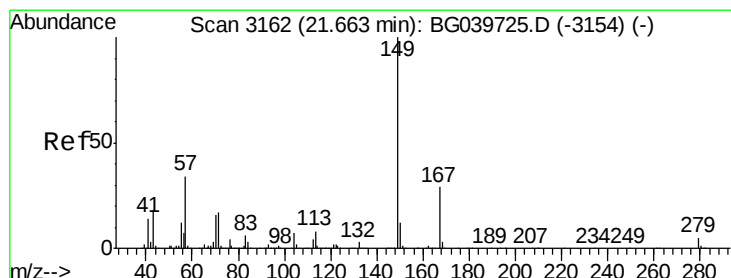
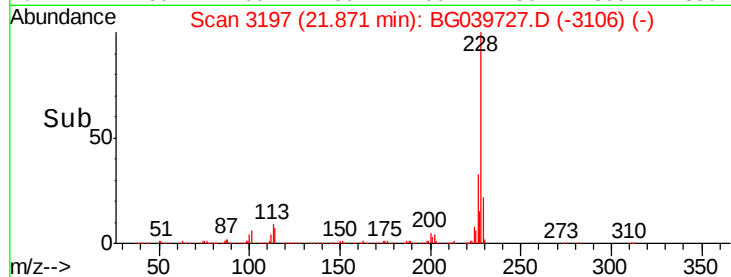
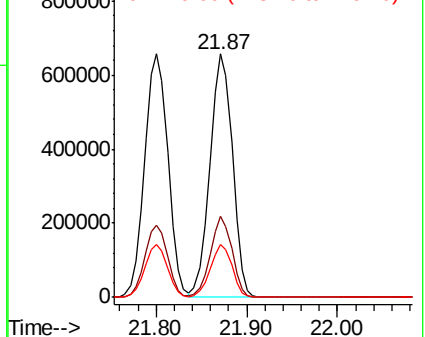
228 100

226 33.4 25.3 37.9

229 21.9 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.319 ng

RT: 21.67 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

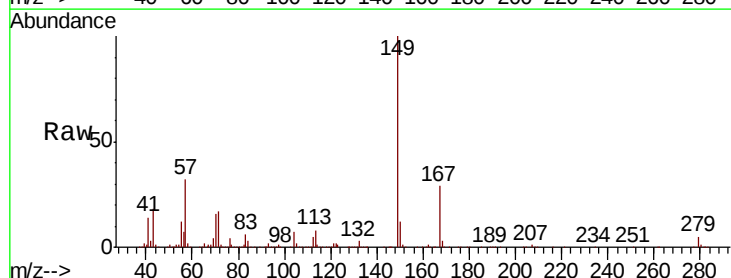
Tgt Ion:149 Resp: 708095

Ion Ratio Lower Upper

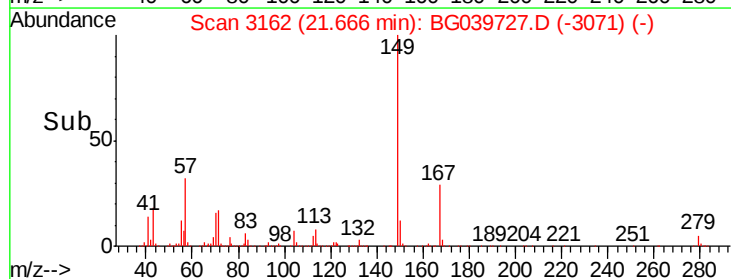
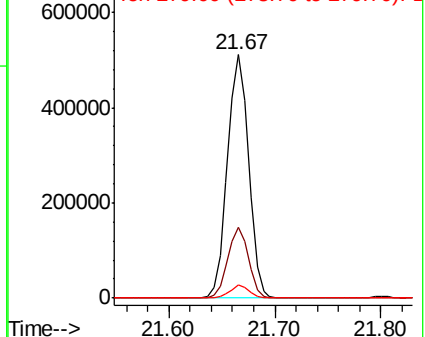
149 100

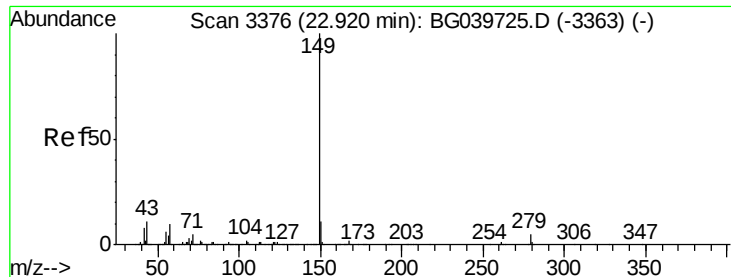
167 29.2 23.0 34.6

279 5.2 3.9 5.9



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





#85

Di-n-octyl phthalate

Concen: 59.886 ng

RT: 22.92 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

Instrument :

BNA_G

ClientSampleId :

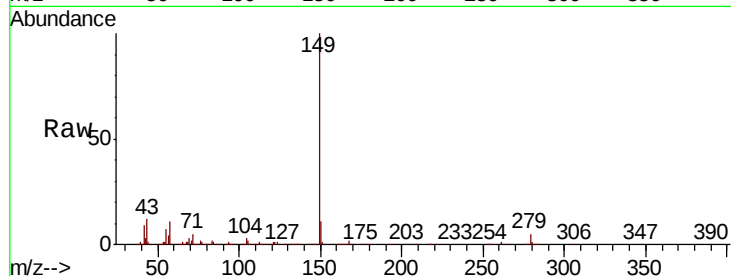
Tot Ion:149 Resp: 1181017

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

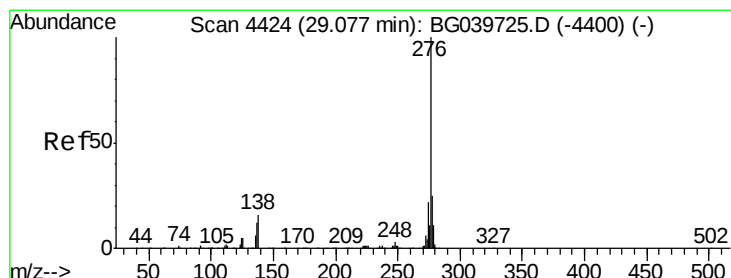
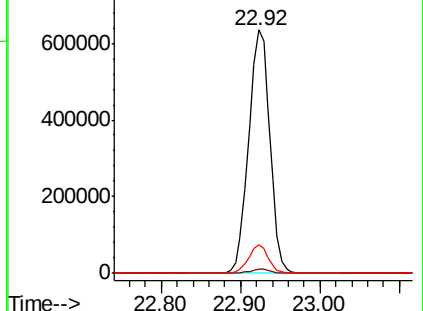
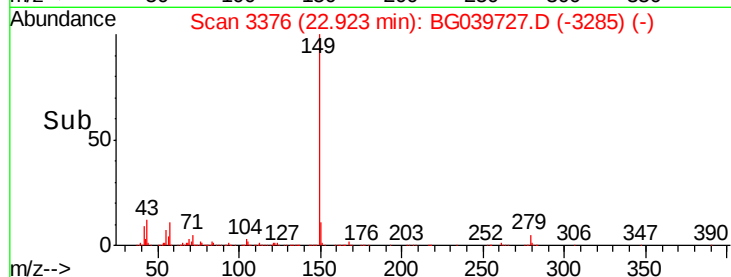
43 11.0 8.5 12.7



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: 71.070 ng

RT: 29.08 min Scan# 4424

Delta R.T. 0.00 min

Lab File: BG039727.D

Acq: 4 Mar 2019 12:19

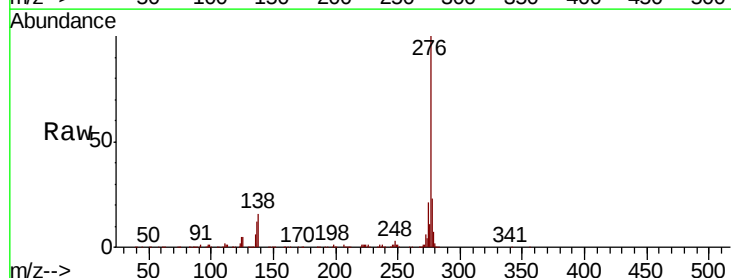
Tgt Ion:276 Resp: 1366616

Ion Ratio Lower Upper

276 100

138 14.7 12.2 18.2

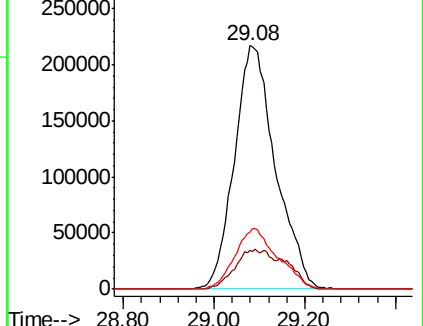
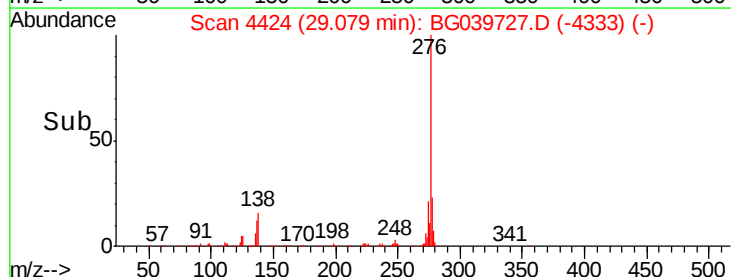
277 25.9 20.5 30.7

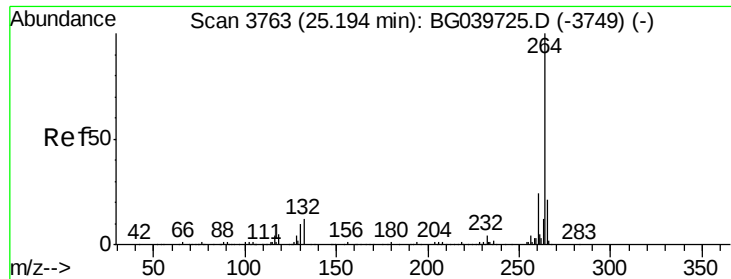


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



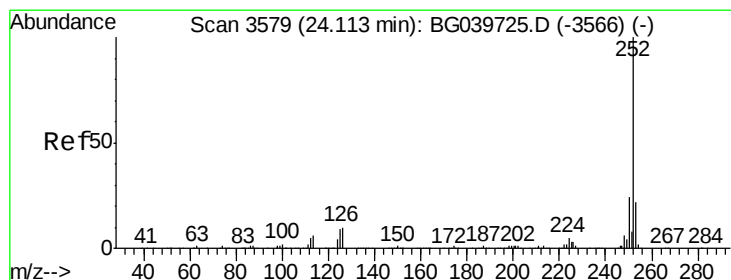
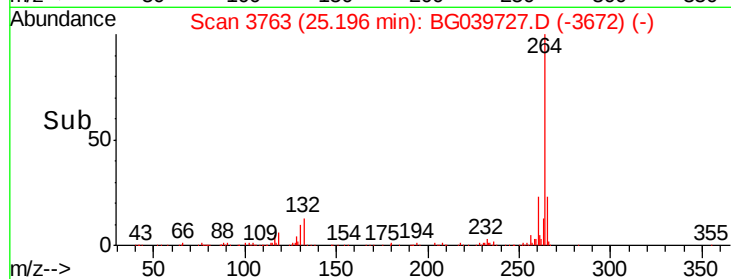
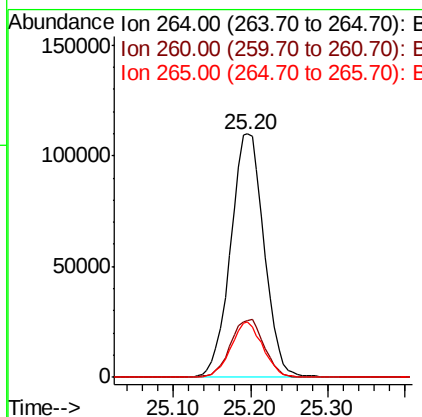
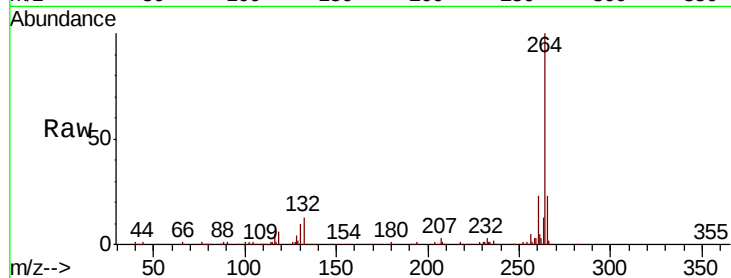


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 333139

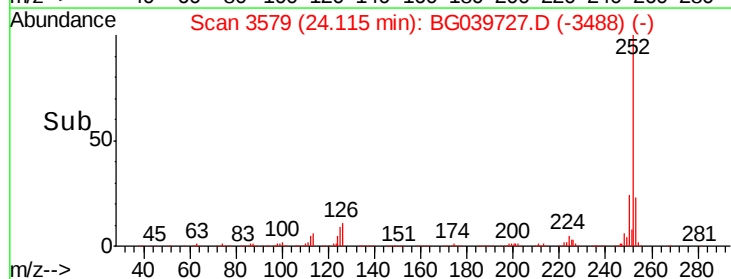
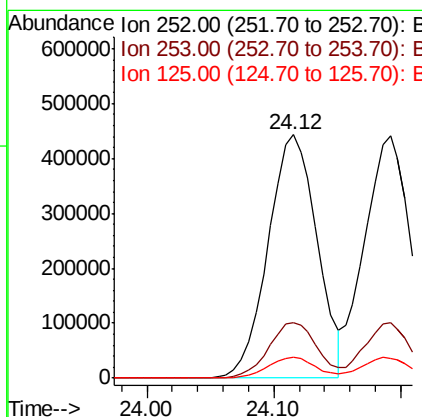
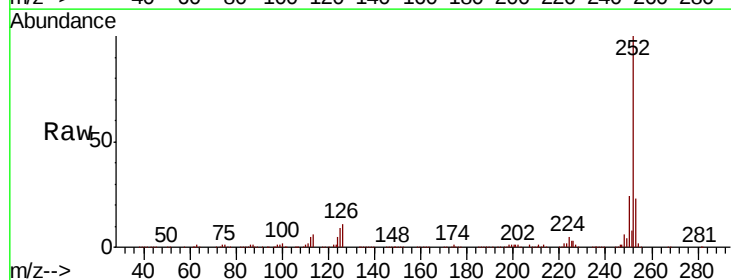
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.7	16.6	25.0

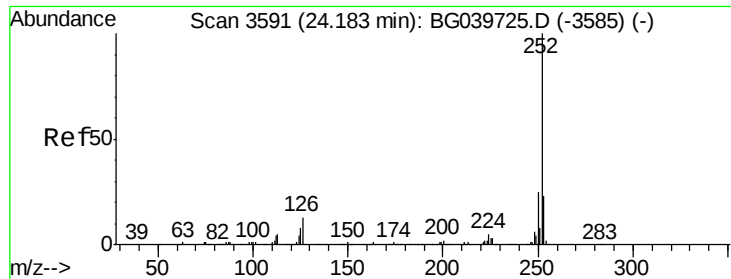


#88
Benzo(b)fluoranthene
Concen: 65.404 ng
RT: 24.12 min Scan# 3579
Delta R.T. 0.00 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:252 Resp: 1188256

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.7	6.9	10.3

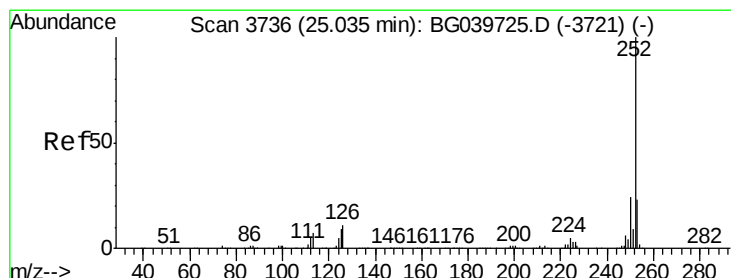
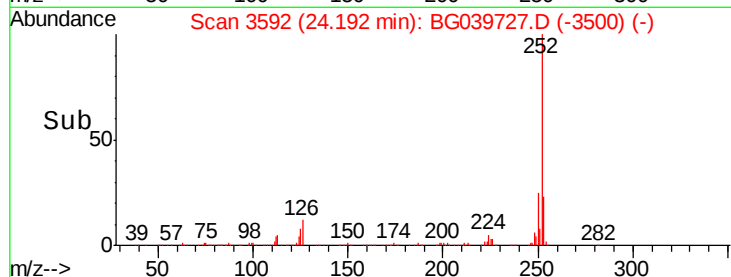
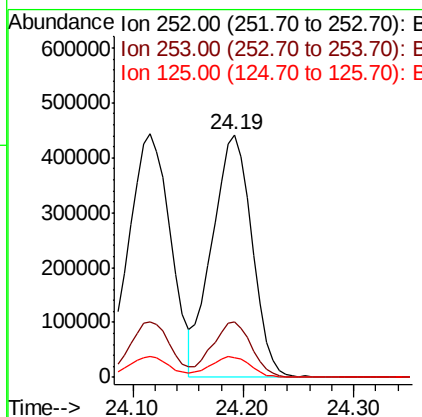
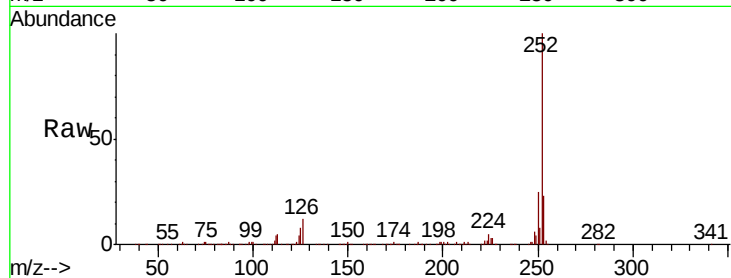




#89
Benzo(k)fluoranthene
Concen: 60.760 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.01 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

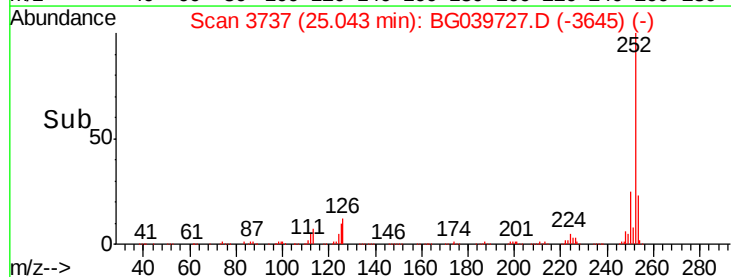
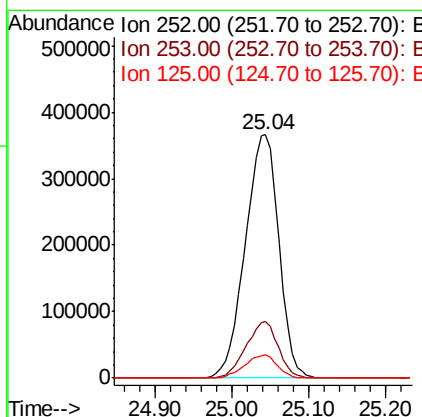
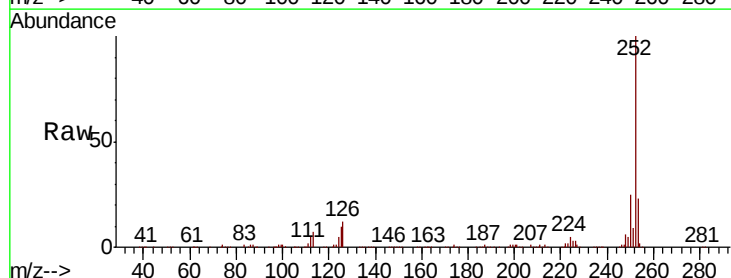
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1108273
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 8.2 6.5 9.7



#90
Benzo(a)pyrene
Concen: 63.869 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.01 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:252 Resp: 1117520
Ion Ratio Lower Upper
252 100
253 23.2 18.3 27.5
125 9.6 7.4 11.2

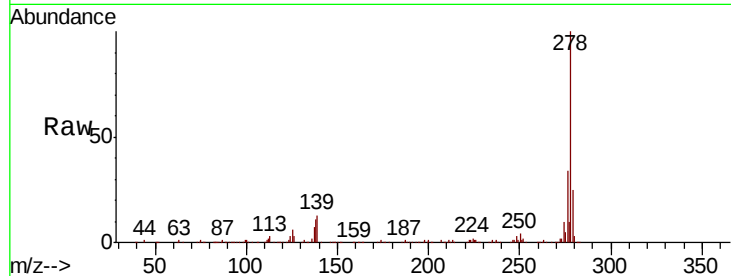




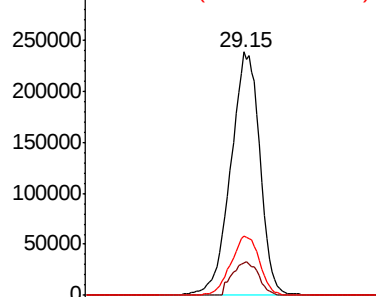
#91
Dibenzo(a,h)anthracene
Concen: 66.215 ng
RT: 29.15 min Scan# 4436
Delta R.T. 0.01 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Instrument :
BNA_G
ClientSampleId :

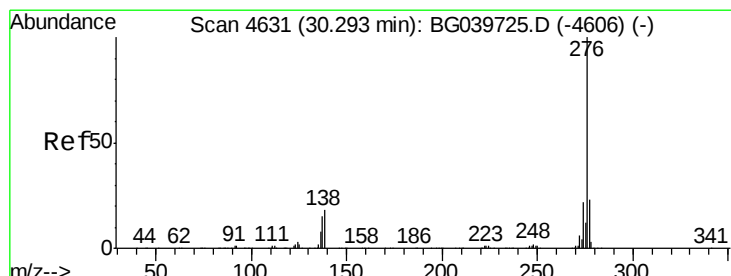
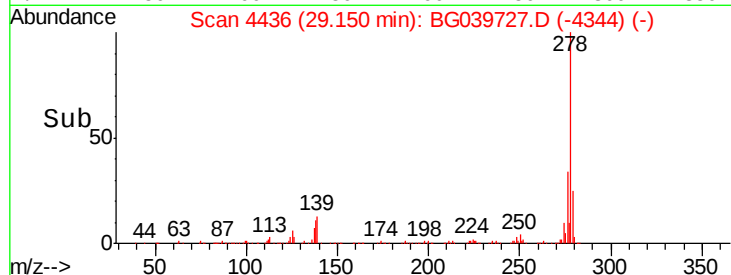
Tot Ion:278 Resp: 1084989
Ion Ratio Lower Upper
278 100
139 13.4 10.5 15.7
279 24.5 20.2 30.4



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

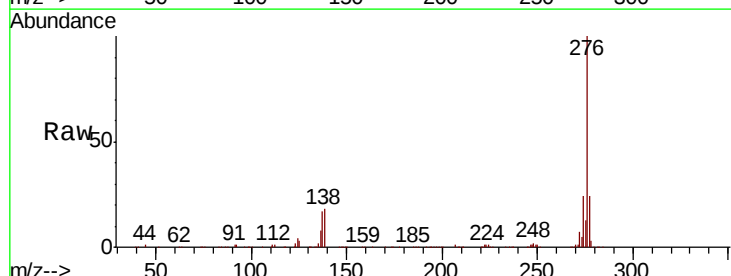


Time--> 28.80 29.00 29.20 29.40

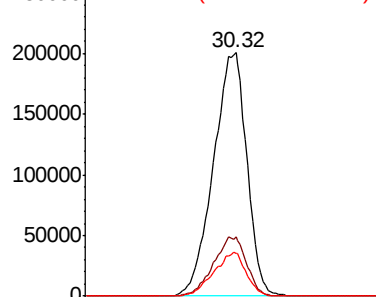


#92
Benzo(g,h,i)perylene
Concen: 67.518 ng
RT: 30.32 min Scan# 4636
Delta R.T. 0.03 min
Lab File: BG039727.D
Acq: 4 Mar 2019 12:19

Tgt Ion:276 Resp: 1102721
Ion Ratio Lower Upper
276 100
277 24.3 18.3 27.5
138 17.6 14.4 21.6



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



Time--> 30.00 30.20 30.40 30.60

