

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039738.D
 Acq On : 4 Mar 2019 19:29
 Operator : JU/SJ
 Sample : PB117513BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Quant Time: Mar 05 00:11:57 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 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39884	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	177973	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	124333	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	311710	20.00	ng	0.00
76) Chrysene-d12	21.82	240	321434	20.00	ng	0.00
87) Perylene-d12	25.19	264	335965	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	345430	147.76	ng	0.00
7) Phenol-d6	7.31	99	485542	139.29	ng	0.00
23) Nitrobenzene-d5	9.33	82	250675	76.18	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	194394	134.14	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	638874	73.16	ng	-0.01
79) Terphenyl-d14	20.12	244	1105056	75.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	41713	38.647	ng	94
3) Pyridine	3.99	79	104928	36.313	ng	98
4) n-Nitrosodimethylamine	3.91	42	56186	40.988	ng	91
6) Aniline	7.48	93	140756	30.820	ng	99
8) 2-Chlorophenol	7.72	128	118891	41.918	ng	95
9) Benzaldehyde	7.29	77	79746	35.465	ng	97
10) Phenol	7.33	94	164206	43.483	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	111722	37.945	ng	95
12) 1,3-Dichlorobenzene	8.05	146	120874	37.682	ng	98
13) 1,4-Dichlorobenzene	8.19	146	122855	37.601	ng	99
14) 1,2-Dichlorobenzene	8.51	146	119788	37.945	ng	99
15) Benzyl Alcohol	8.39	79	113204	40.939	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	224212	38.075	ng	100
17) 2-Methylphenol	8.59	107	106330	44.158	ng	98
18) Hexachloroethane	9.24	117	43828	37.384	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	91470	36.456	ng	96
20) 3+4-Methylphenols	8.92	107	145068	43.367	ng	97
22) Acetophenone	8.99	105	174201	36.469	ng	# 95
24) Nitrobenzene	9.38	77	137905	39.948	ng	96
25) Isophorone	9.89	82	266813	38.696	ng	98
26) 2-Nitrophenol	10.08	139	67175	40.303	ng	97
27) 2,4-Dimethylphenol	10.13	122	124966	48.207	ng	95
28) bis(2-Chloroethoxy)methane	10.37	93	162181	38.706	ng	94
29) 2,4-Dichlorophenol	10.62	162	133064	45.591	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	125937	38.346	ng	97
31) Naphthalene	11.03	128	369408	39.203	ng	99
32) Benzoic acid	10.26	122	64477	37.844	ng	96
33) 4-Chloroaniline	11.14	127	85076	21.292	ng	97
34) Hexachlorobutadiene	11.29	225	82489	36.756	ng	97
35) Caprolactam	11.92	113	23278	20.879	ng	95
36) 4-Chloro-3-methylphenol	12.24	107	144199	43.100	ng	98
37) 2-Methylnaphthalene	12.62	142	285193	40.482	ng	99
38) 1-Methylnaphthalene	12.84	142	273462	39.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	156080	37.055	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	215775	95.591	ng	96
43) 2,4,6-Trichlorophenol	13.22	196	109465	44.390	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	119635	43.040	ng	99
46) 1,1'-Biphenyl	13.62	154	393676	38.497	ng	98
47) 2-Chloronaphthalene	13.67	162	300524	39.064	ng	98
48) 2-Nitroaniline	13.87	65	104113	42.111	ng	95
49) Acenaphthylene	14.51	152	491242	38.898	ng	99
50) Dimethylphthalate	14.23	163	413086	39.733	ng	99
51) 2,6-Dinitrotoluene	14.36	165	90580	41.097	ng	99
52) Acenaphthene	14.85	154	300038	39.473	ng	95
53) 3-Nitroaniline	14.70	138	58529	26.418	ng	# 90
54) 2,4-Dinitrophenol	14.90	184	109045	78.555	ng	96
55) Dibenzofuran	15.18	168	488147	39.142	ng	97
56) 4-Nitrophenol	14.99	139	163629	82.560	ng	91
57) 2,4-Dinitrotoluene	15.14	165	129055	41.672	ng	# 88
58) Fluorene	15.83	166	387165	39.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119369	43.972	ng	97
60) Diethylphthalate	15.58	149	419124	40.724	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	205314	39.245	ng	97
62) 4-Nitroaniline	15.86	138	95974	39.958	ng	100
63) Azobenzene	16.11	77	381462	40.888	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	75218	40.812	ng	100
66) n-Nitrosodiphenylamine	16.03	169	365425	40.494	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	136810	39.211	ng	95
68) Hexachlorobenzene	16.82	284	140910	38.961	ng	91
69) Atrazine	16.97	200	147962	41.661	ng	95
70) Pentachlorophenol	17.17	266	180144	78.868	ng	98
71) Phenanthrene	17.57	178	672365	39.161	ng	99
72) Anthracene	17.66	178	683936	40.878	ng	99
73) Carbazole	17.93	167	607862	40.300	ng	98
74) Di-n-butylphthalate	18.46	149	739541	41.672	ng	100
75) Fluoranthene	19.57	202	825024	40.659	ng	98
77) Benzidine	19.75	184	417139	40.896	ng	98
78) Pyrene	19.94	202	822668	39.387	ng	99
80) Butylbenzylphthalate	20.80	149	342313	42.302	ng	96
81) Benzo(a)anthracene	21.80	228	785651	38.999	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	165107	22.449	ng	99
83) Chrysene	21.87	228	751953	38.502	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	476644	41.916	ng	99
85) Di-n-octyl phthalate	22.92	149	819861	43.544	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	915172	41.306	ng	98
88) Benzo(b)fluoranthene	24.11	252	797955	39.830	ng	98
89) Benzo(k)fluoranthene	24.18	252	776664	41.647	ng	99
90) Benzo(a)pyrene	25.04	252	777124	41.978	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	745399	41.071	ng	99
92) Benzo(g,h,i)perylene	30.30	276	757118	41.537	ng	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. -0.01 min

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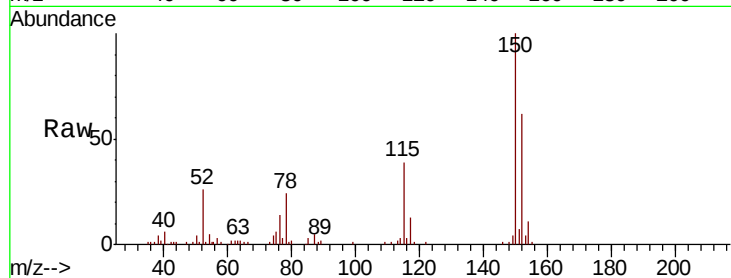
Tgt Ion:152 Resp: 39884

Ion Ratio Lower Upper

152 100

150 161.8 123.7 185.5

115 63.1 45.9 68.9

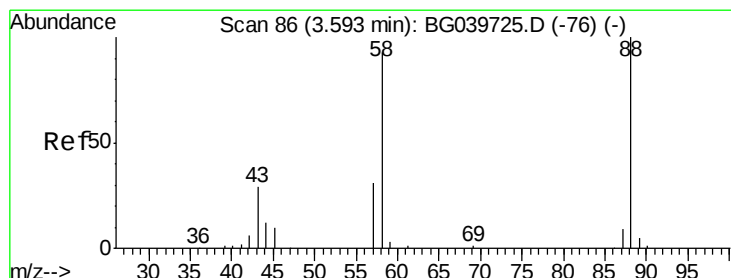
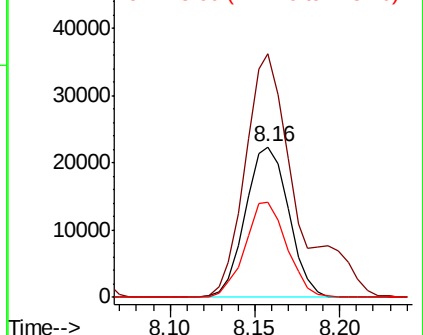
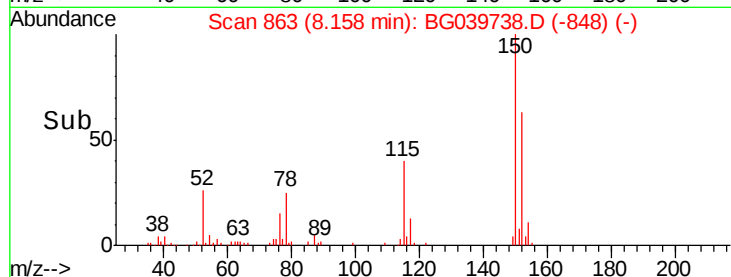


Abundance

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: 38.647 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

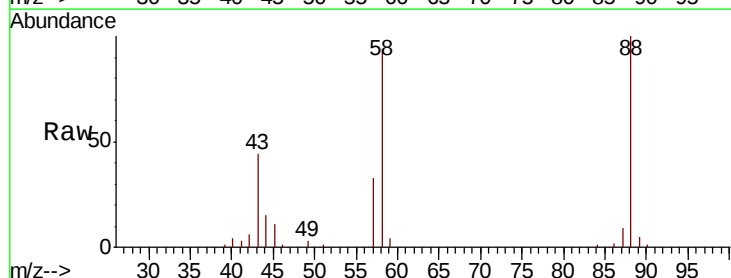
Tgt Ion: 88 Resp: 41713

Ion Ratio Lower Upper

88 100

58 93.4 81.1 121.7

43 38.5 31.4 47.0

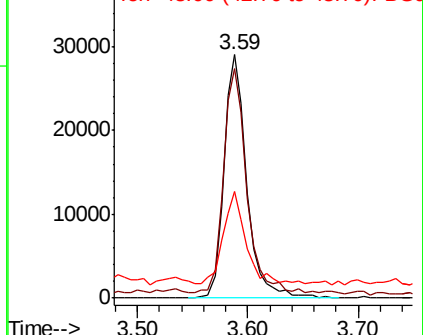
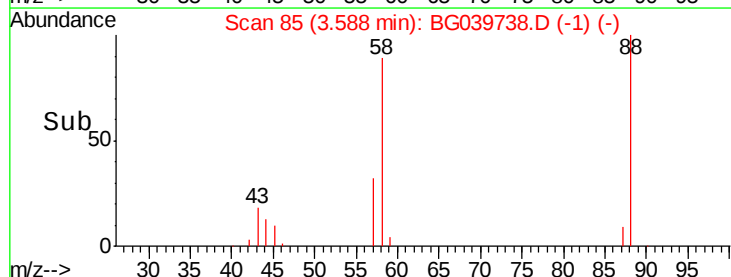


Abundance

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

Pyridine

Concen: 36.313 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

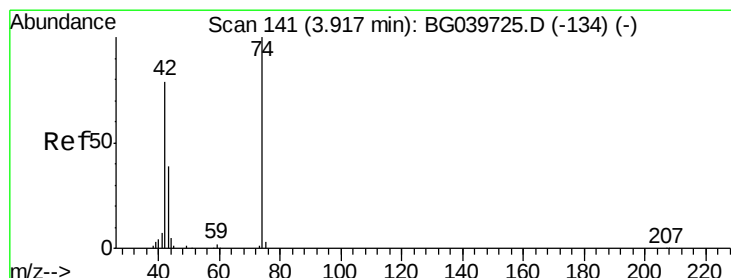
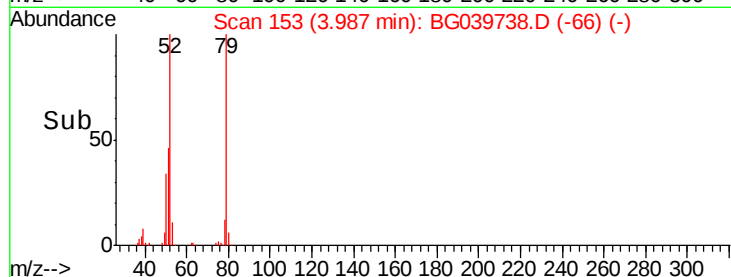
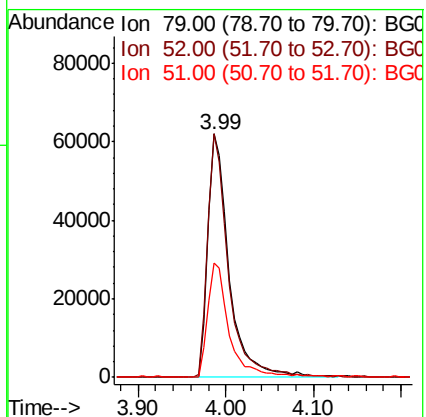
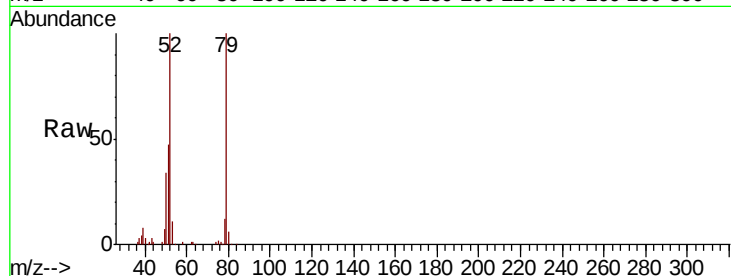
Tgt Ion: 79 Resp: 104928

Ion Ratio Lower Upper

79 100

52 100.2 82.6 124.0

51 46.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.988 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

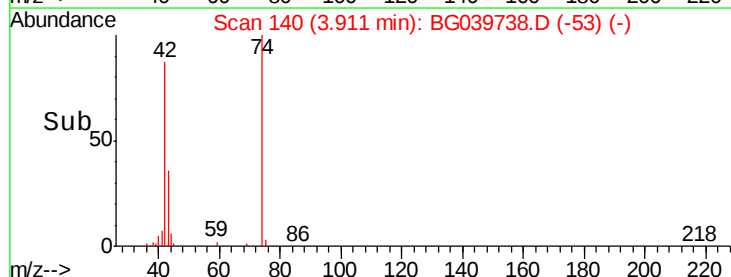
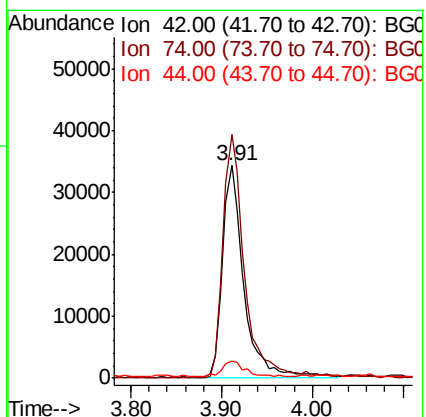
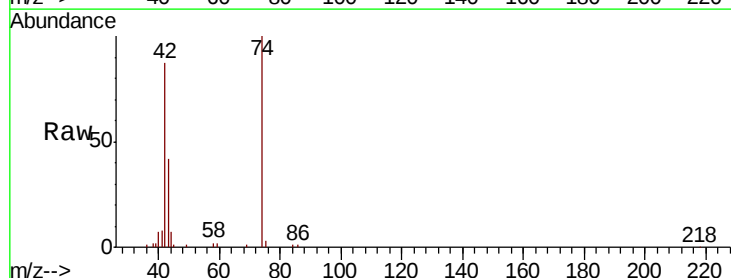
Tgt Ion: 42 Resp: 56186

Ion Ratio Lower Upper

42 100

74 114.6 83.6 125.4

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 147.755 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

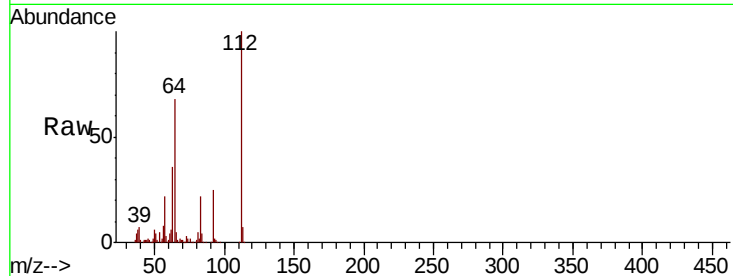
Tgt Ion: 112 Resp: 345430

Ion Ratio Lower Upper

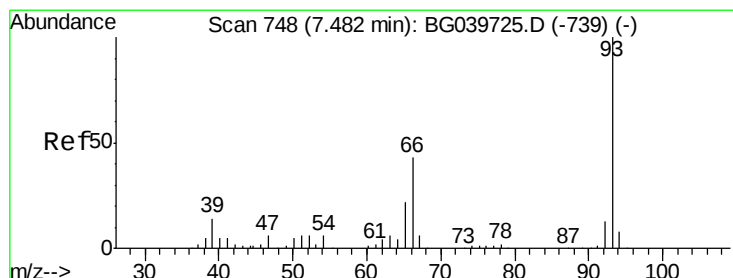
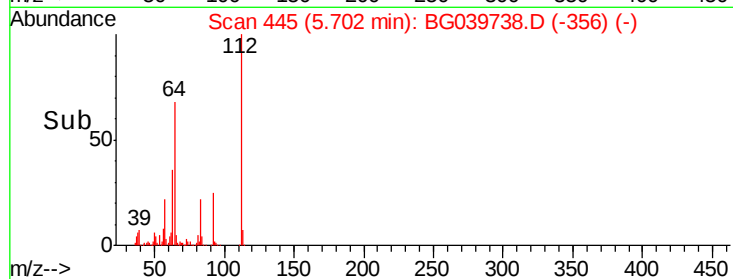
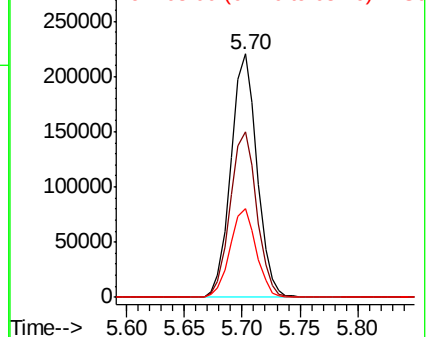
112 100

64 68.2 57.8 86.8

63 36.2 29.8 44.6



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: 30.820 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

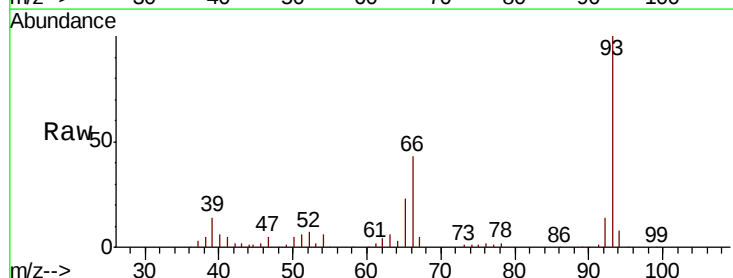
Tgt Ion: 93 Resp: 140756

Ion Ratio Lower Upper

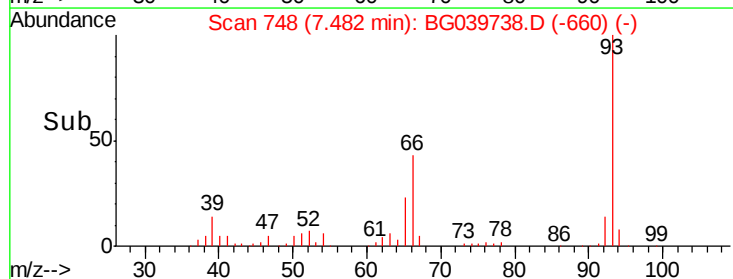
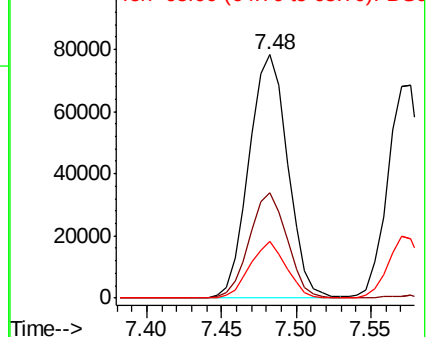
93 100

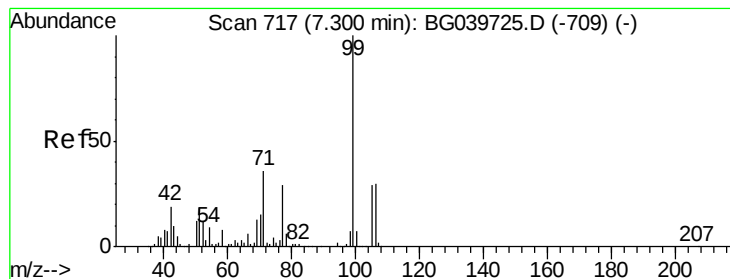
66 43.1 34.2 51.4

65 23.5 17.7 26.5



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: 139.288 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

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ClientSampleId :

PB117513BS

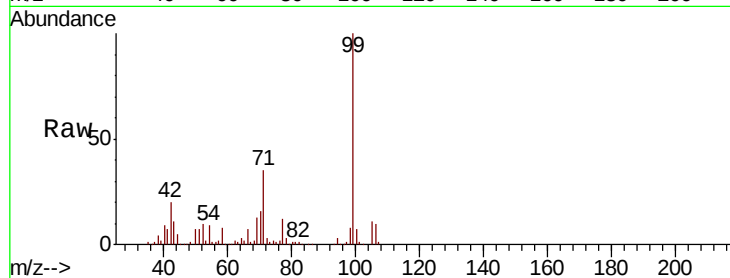
Tgt Ion: 99 Resp: 485542

Ion Ratio Lower Upper

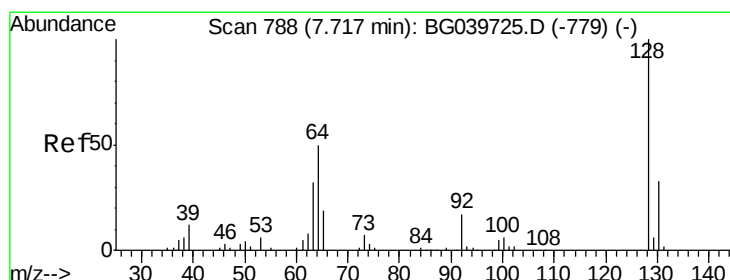
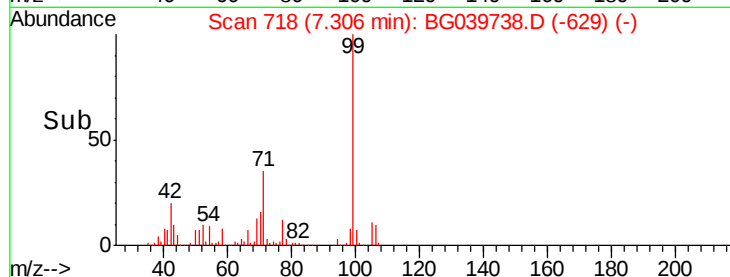
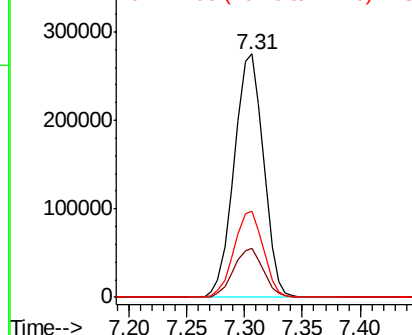
99 100

42 20.3 18.2 27.2

71 35.3 28.0 42.0



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: 41.918 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

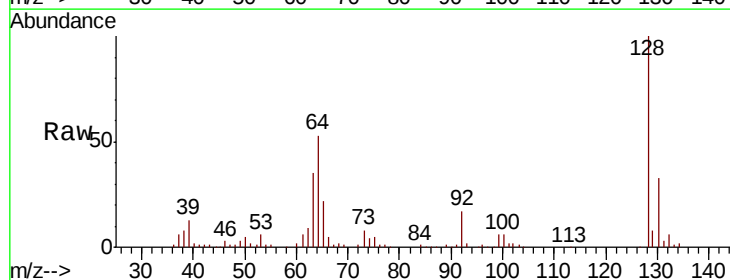
Tgt Ion: 128 Resp: 118891

Ion Ratio Lower Upper

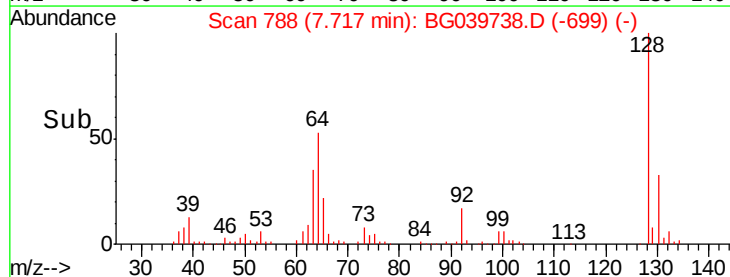
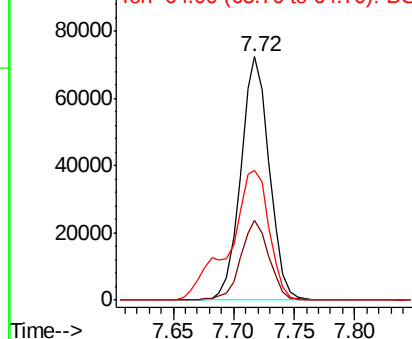
128 100

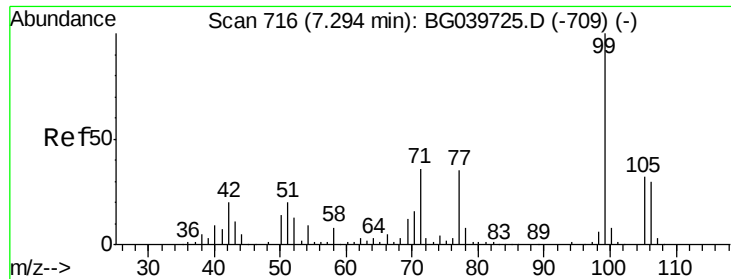
130 32.6 12.9 52.9

64 53.3 38.7 78.7



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





#9

Benzaldehyde

Concen: 35.465 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

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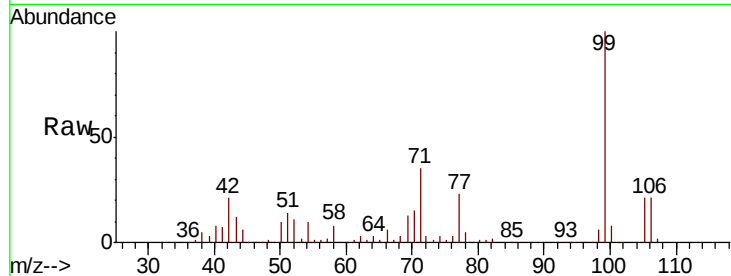
Tgt Ion: 77 Resp: 79746

Ion Ratio Lower Upper

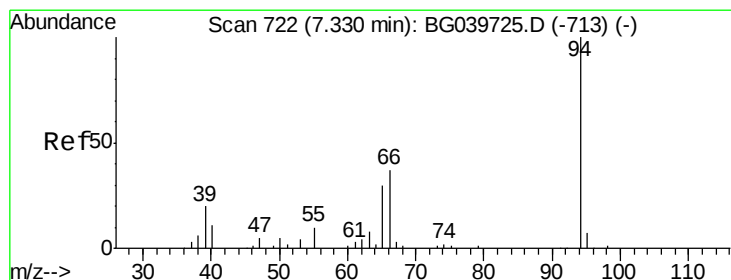
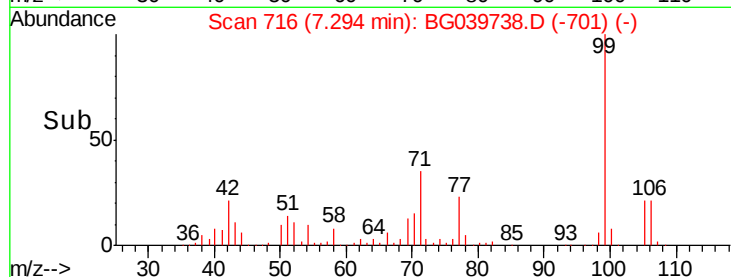
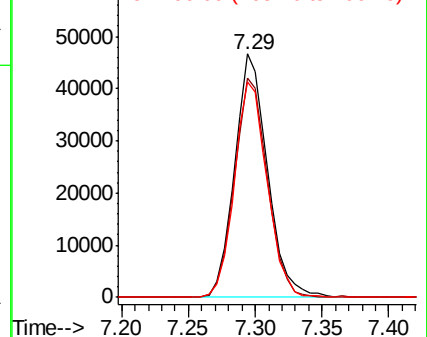
77 100

105 90.3 74.5 114.5

106 88.5 68.0 108.0



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



#10

Phenol

Concen: 43.483 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

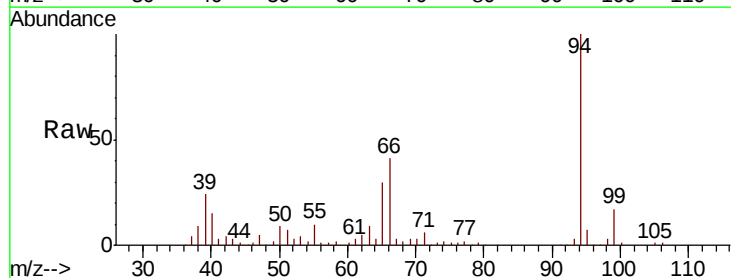
Tgt Ion: 94 Resp: 164206

Ion Ratio Lower Upper

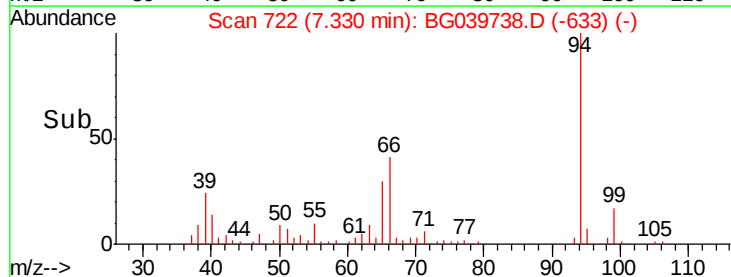
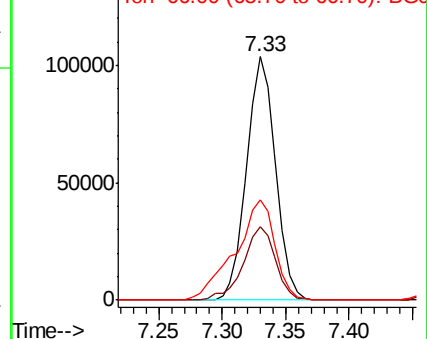
94 100

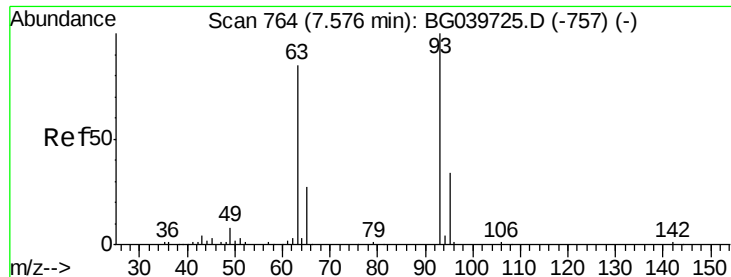
65 29.9 11.7 51.7

66 41.4 23.7 63.7



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

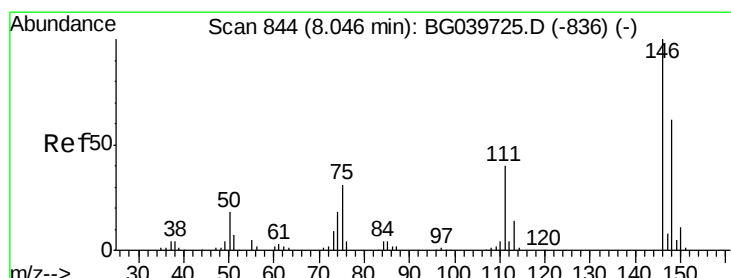
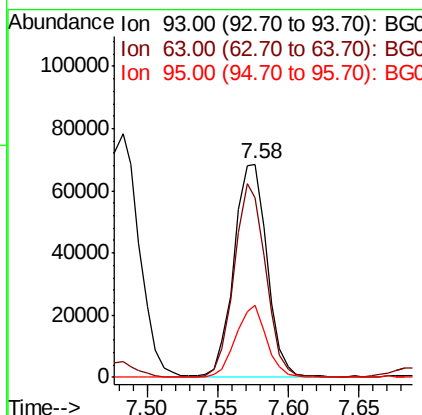
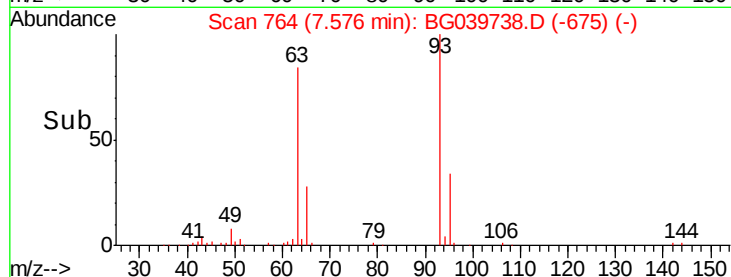
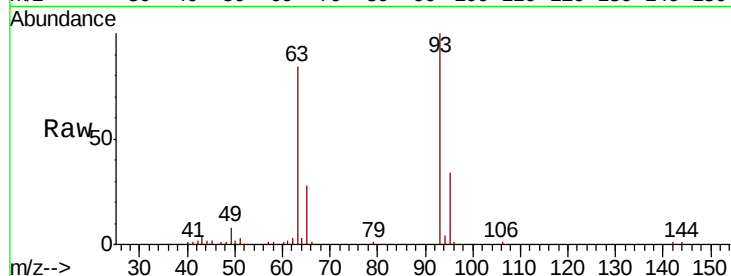




#11
 bis(2-Chloroethyl)ether
 Concen: 37.945 ng
 RT: 7.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

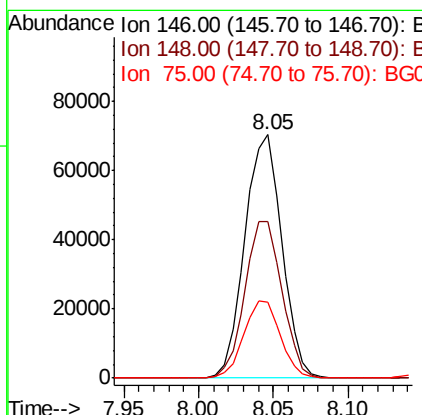
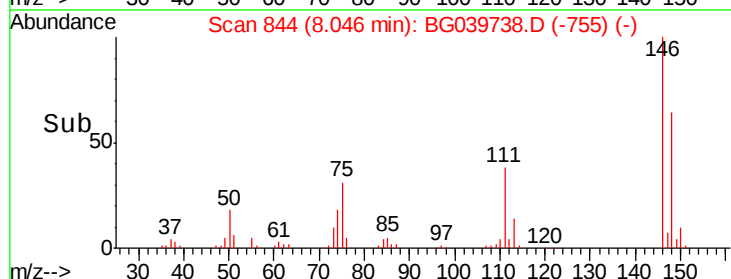
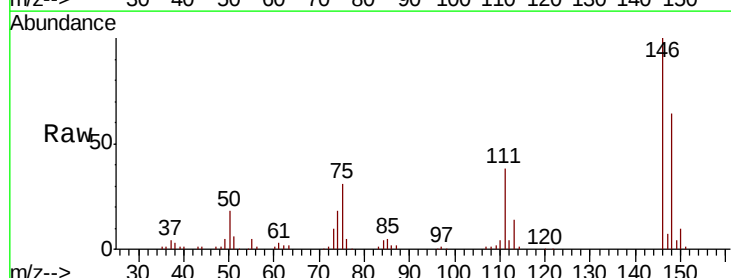
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

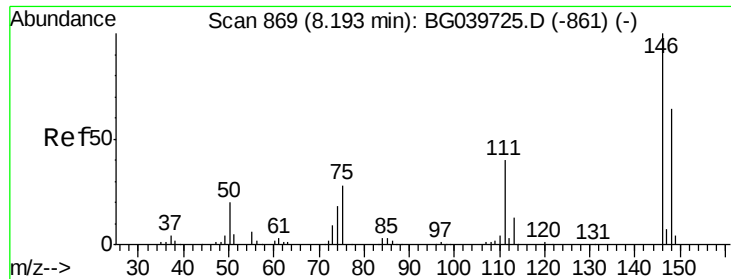
Tgt Ion: 93 Resp: 111722
 Ion Ratio Lower Upper
 93 100
 63 84.5 69.5 109.5
 95 34.0 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 37.682 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion: 146 Resp: 120874
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.6 79.0
 75 31.0 25.8 38.6

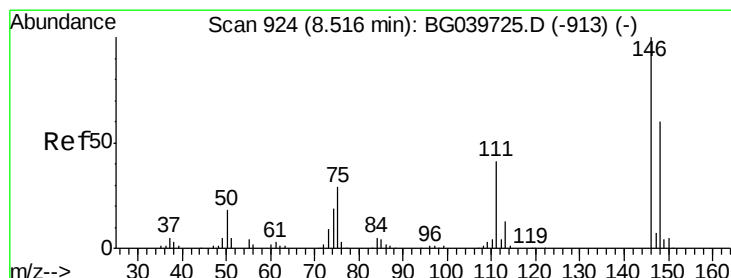
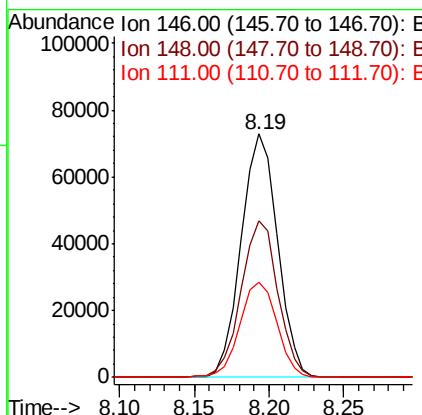
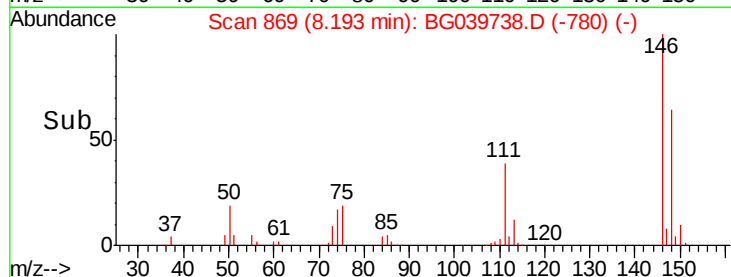
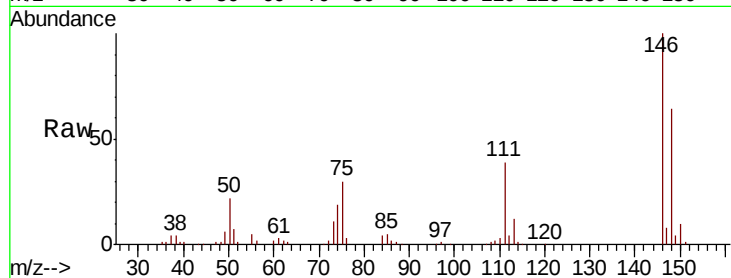




#13
 1,4-Dichlorobenzene
 Concen: 37.601 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

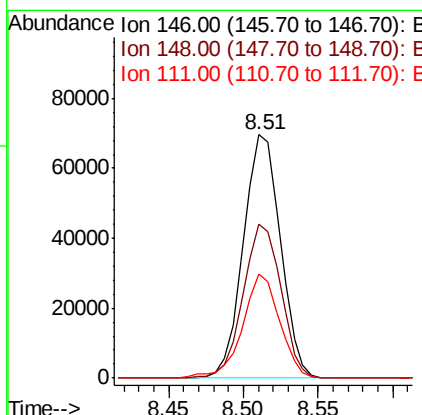
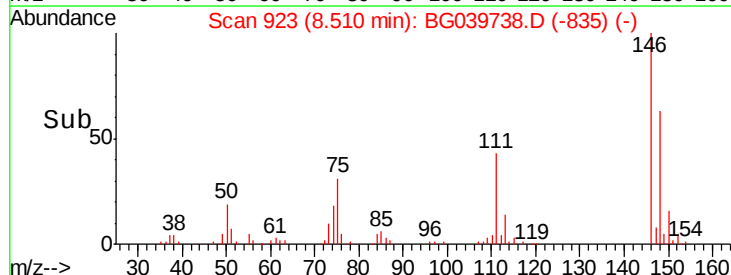
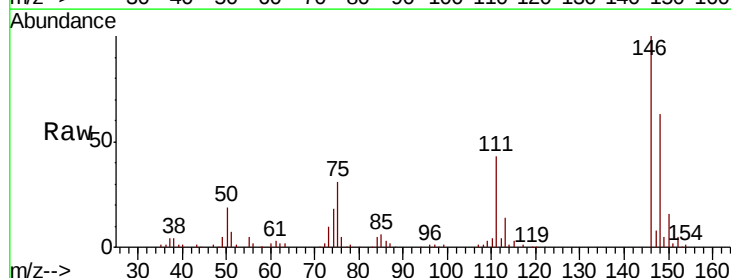
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion:146 Resp: 122855
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 39.2 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 37.945 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion:146 Resp: 119788
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.5 77.3
 111 42.9 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.939 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

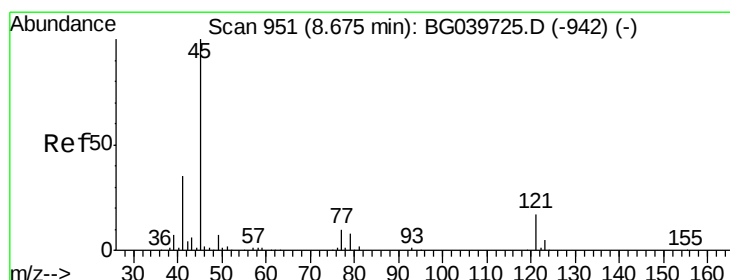
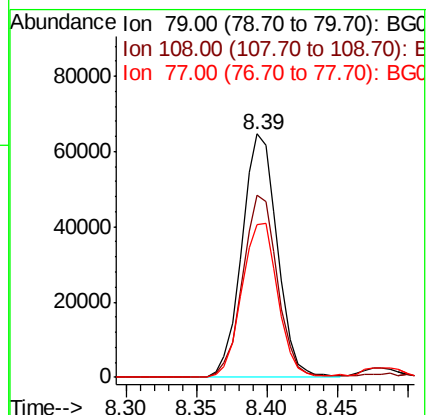
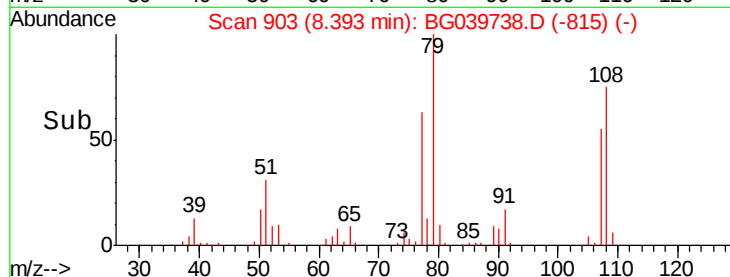
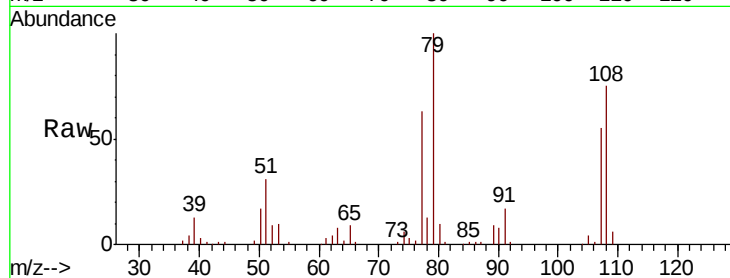
Tgt Ion: 79 Resp: 113204

Ion Ratio Lower Upper

79 100

108 75.1 57.8 86.6

77 63.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.075 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

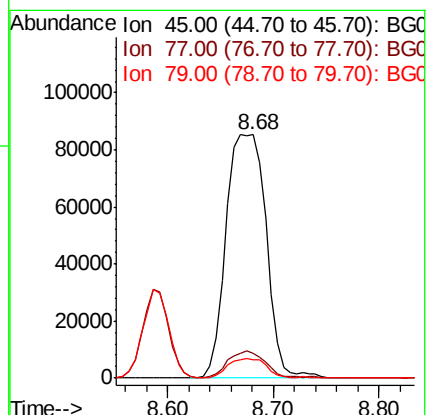
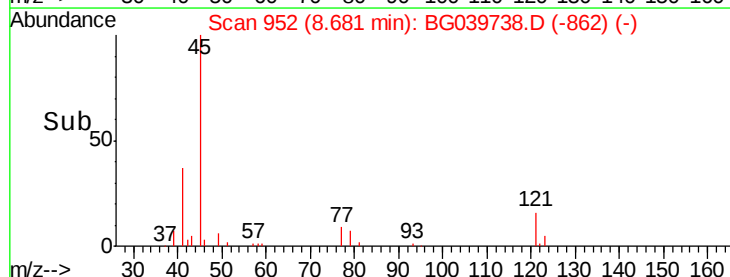
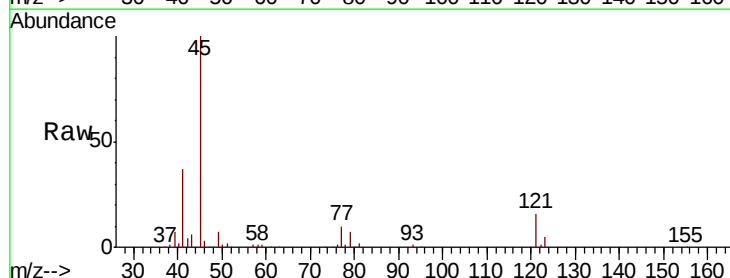
Tgt Ion: 45 Resp: 224212

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.4 0.0 27.5

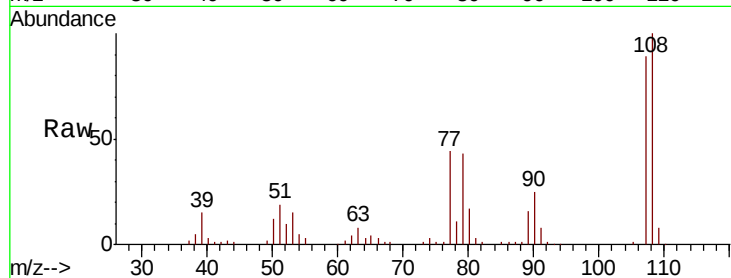




#17
2-Methylphenol
Concen: 44.158 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:	107	Resp:	106330
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.8	136.2
77	48.7	40.7	61.1
79	48.2	40.6	60.8



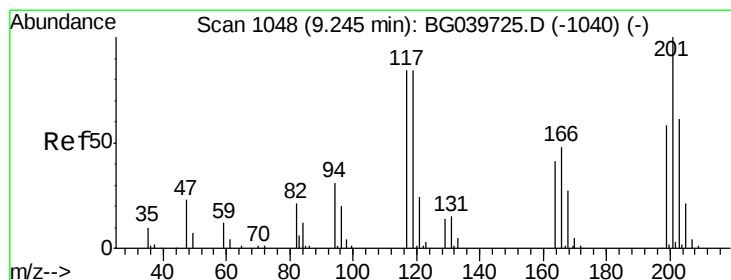
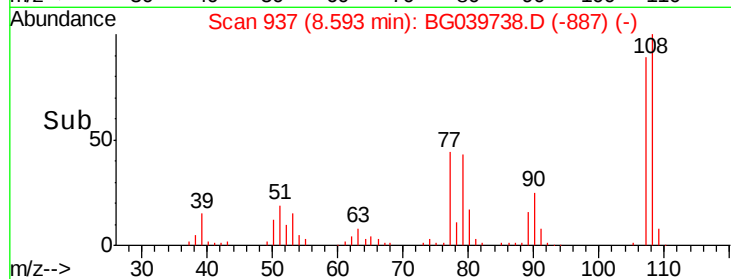
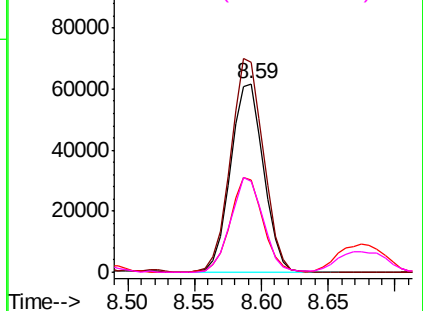
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

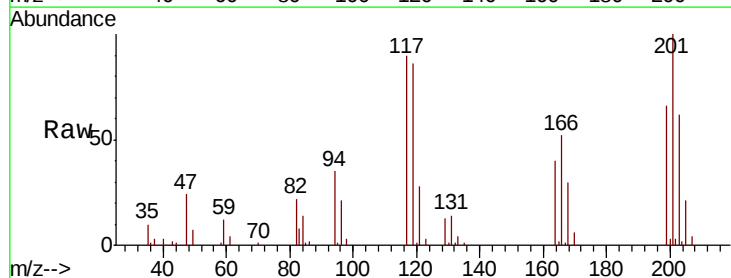
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.384 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:	117	Resp:	43828
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
201	111.6	91.1	136.7

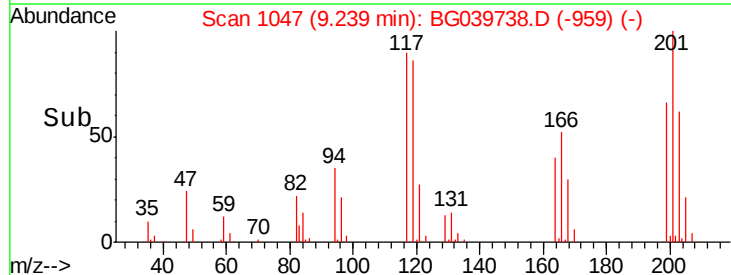
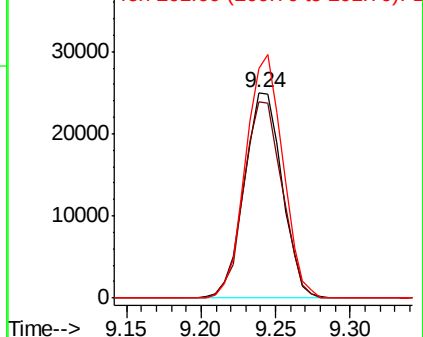


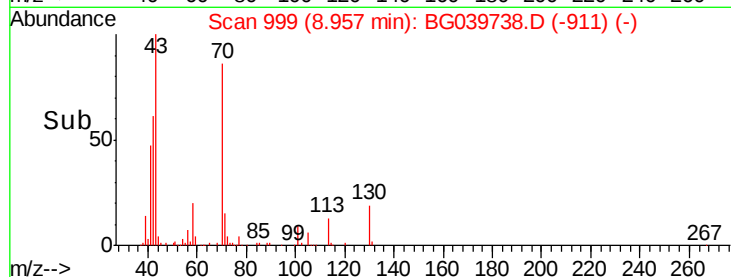
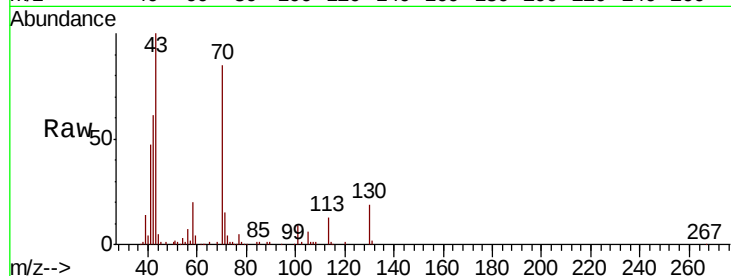
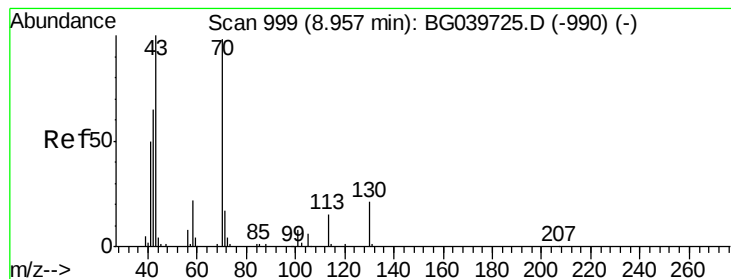
Abundance

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: 36.456 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

Tgt Ion: 70 Resp: 91470

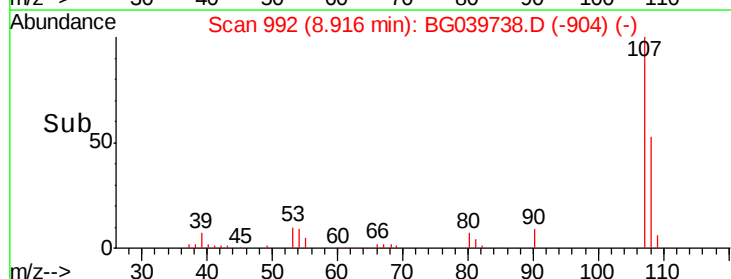
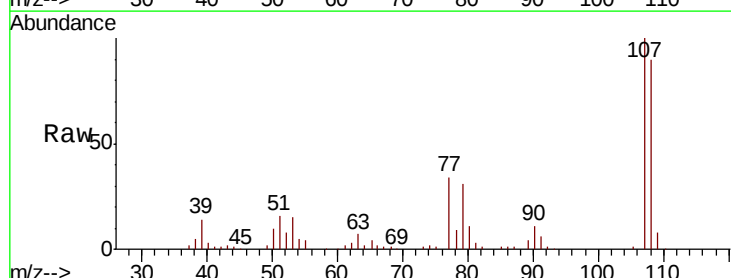
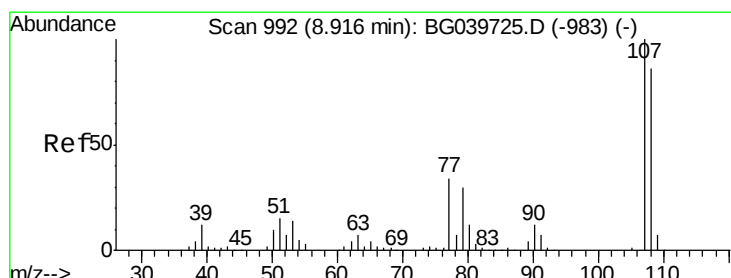
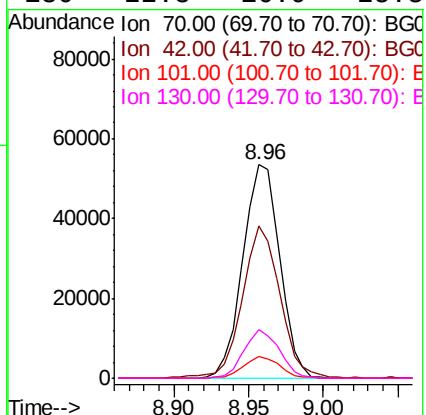
Ion Ratio Lower Upper

70 100

42 71.4 60.4 90.6

101 10.4 7.5 11.3

130 22.8 16.9 25.3



#20

3+4-Methylphenols

Concen: 43.367 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion: 107 Resp: 145068

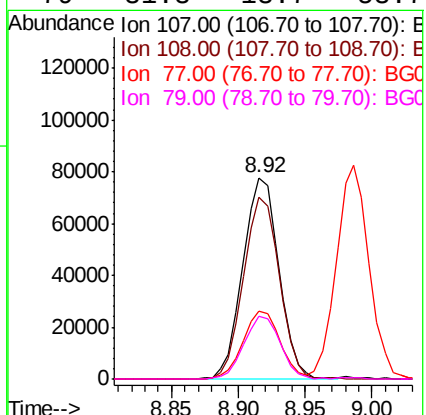
Ion Ratio Lower Upper

107 100

108 90.4 67.9 107.9

77 33.9 15.4 55.4

79 31.3 13.7 53.7

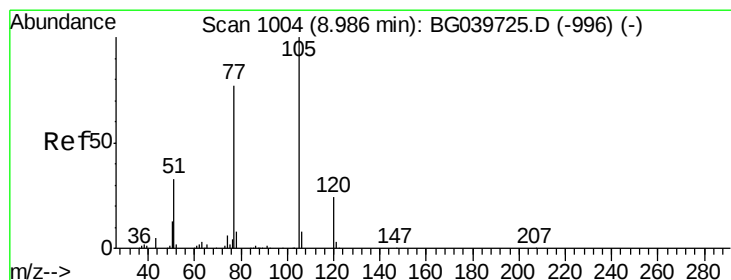
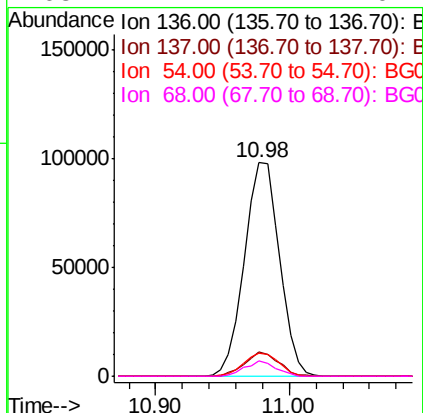
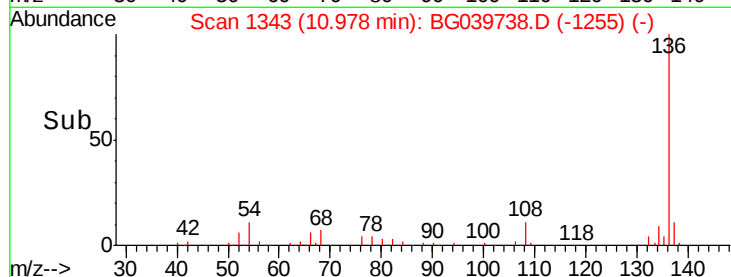
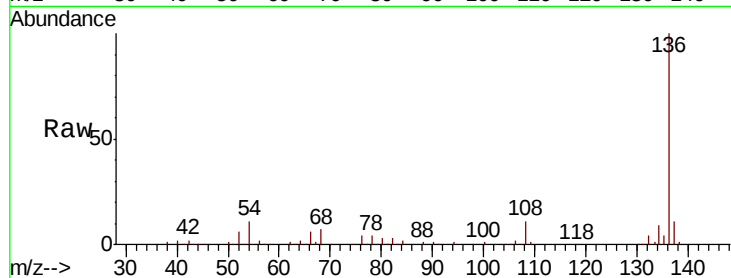




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

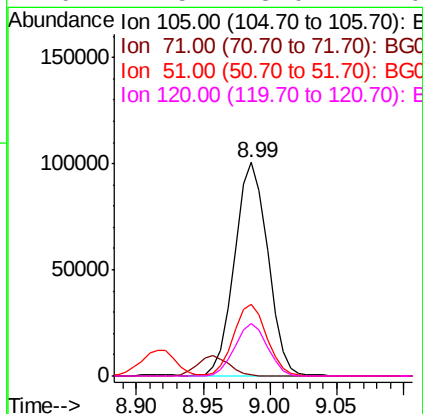
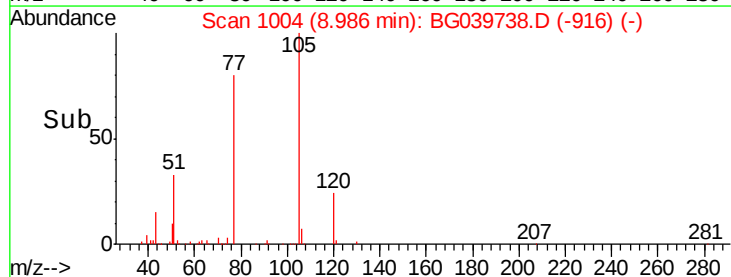
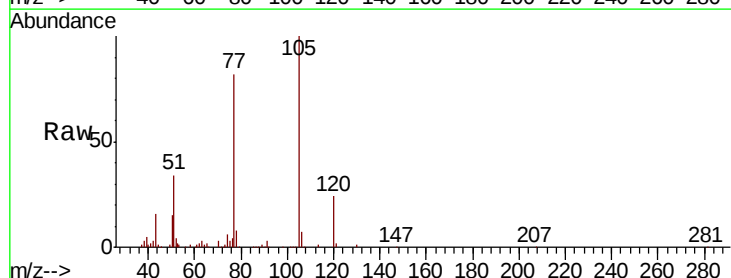
Instrument :
BNA_G
ClientSampleId :
PB117513BS

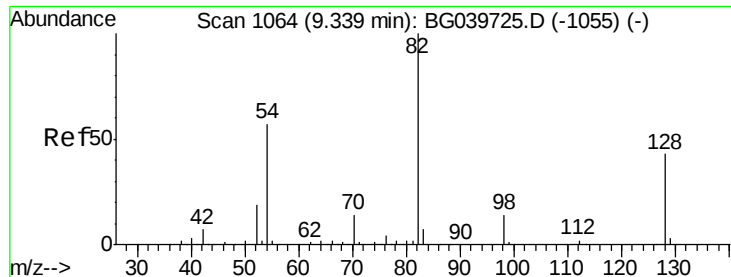
Tgt Ion:	136	Resp:	177973
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.7	9.4	14.2
68	7.1	4.2	6.4#



#22
Acetophenone
Concen: 36.469 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:	105	Resp:	174201
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	33.9	30.2	45.2
120	24.5	18.0	27.0

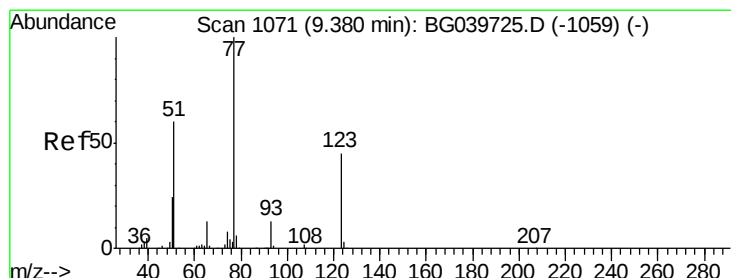
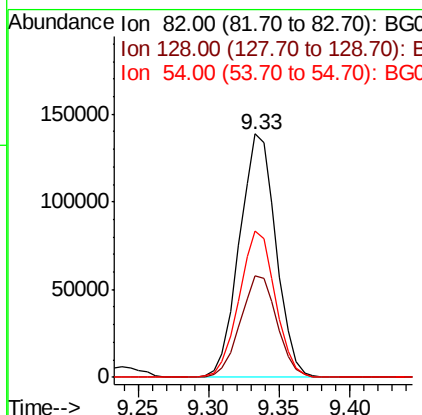
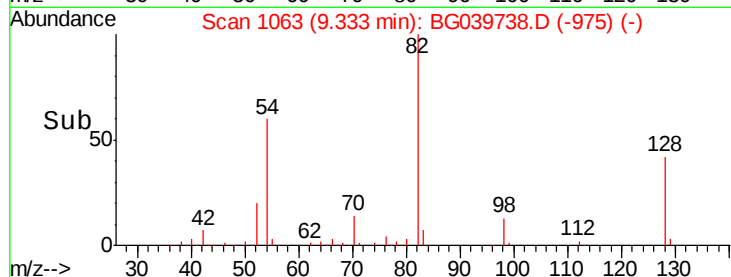
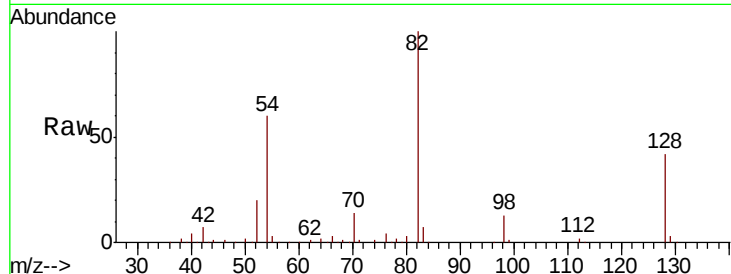




#23
 Nitrobenzene-d5
 Concen: 76.177 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

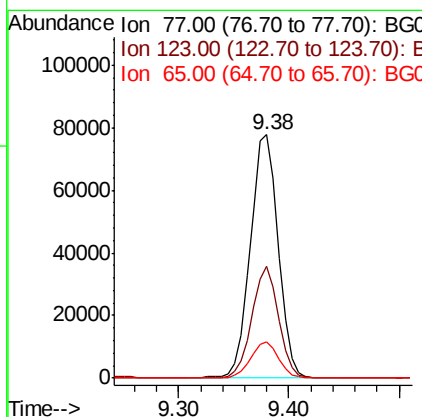
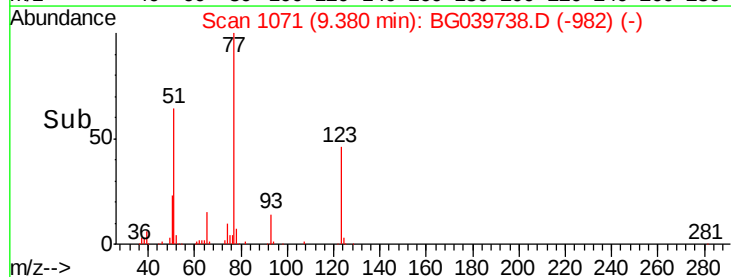
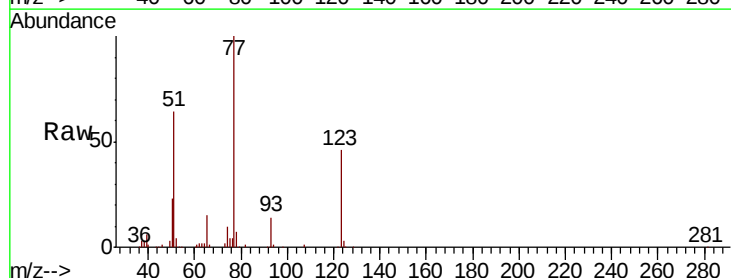
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.3	46.9
54	60.1	50.9	76.3



#24
 Nitrobenzene
 Concen: 39.948 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	34.1	51.1
65	15.0	12.3	18.5

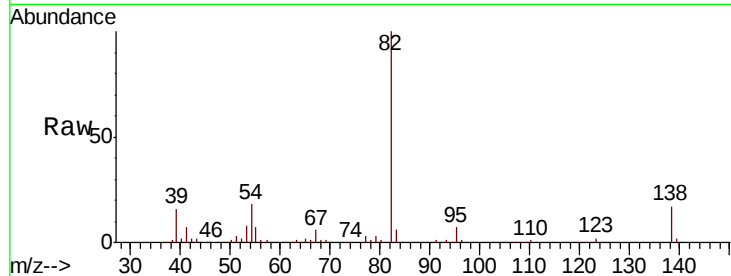




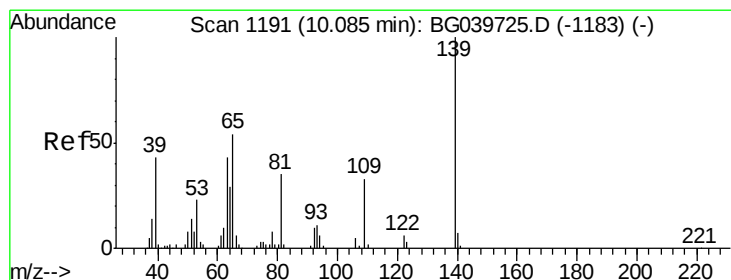
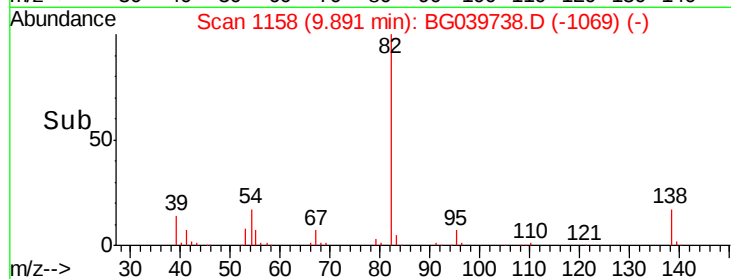
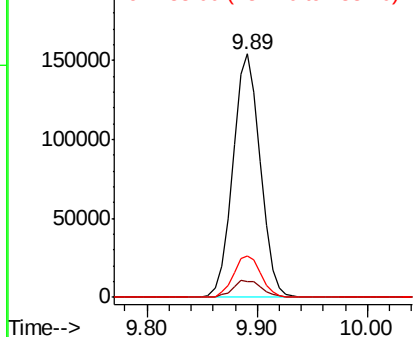
#25
Isophorone
Concen: 38.696 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion: 82 Resp: 266813
Ion Ratio Lower Upper
82 100
95 6.7 6.2 9.2
138 16.9 13.0 19.4

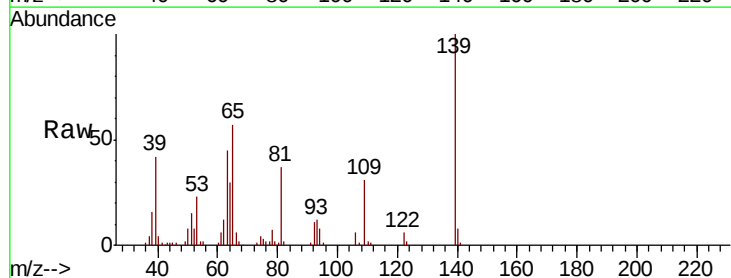


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

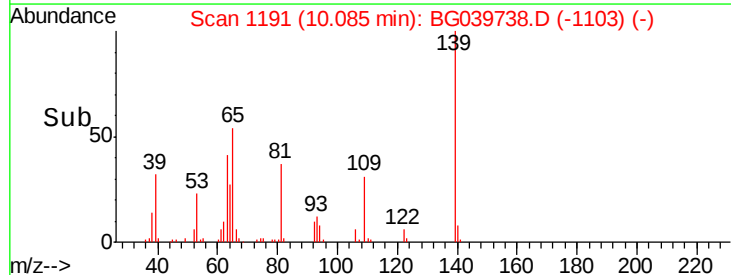
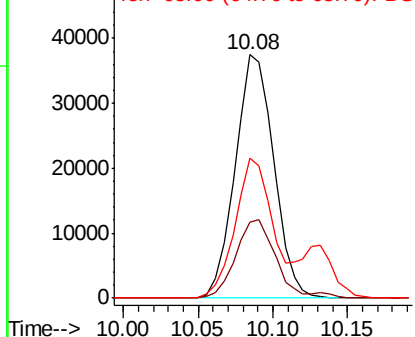


#26
2-Nitrophenol
Concen: 40.303 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion: 139 Resp: 67175
Ion Ratio Lower Upper
139 100
109 31.0 23.4 35.0
65 57.4 44.3 66.5



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

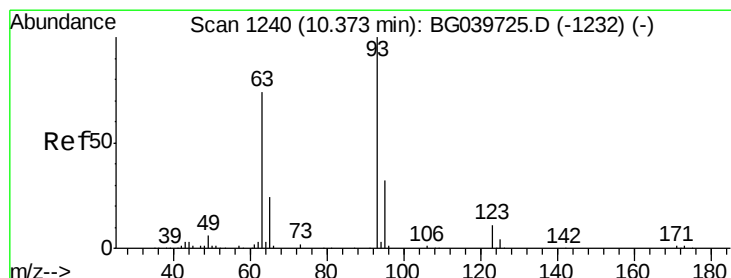
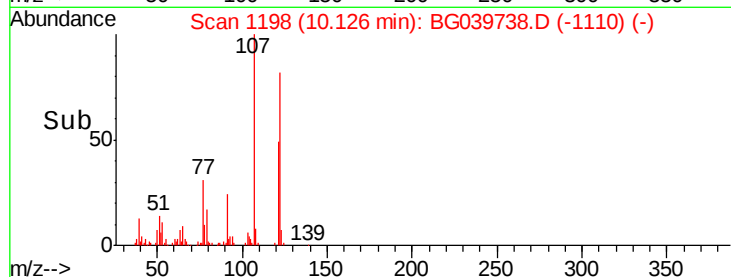
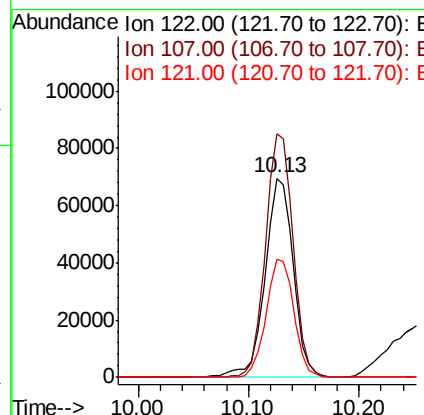
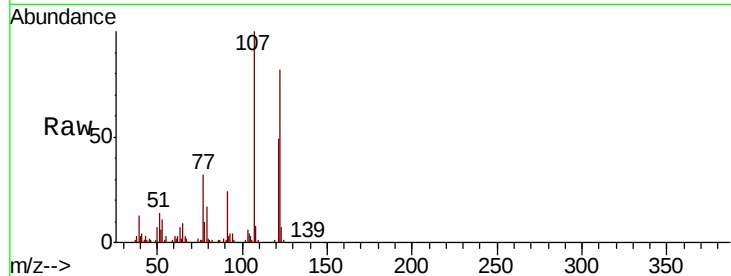




#27
 2,4-Dimethylphenol
 Concen: 48.207 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

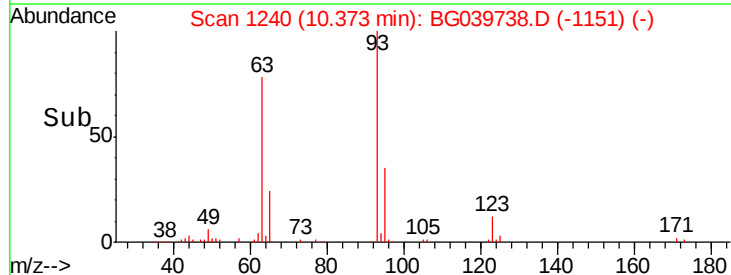
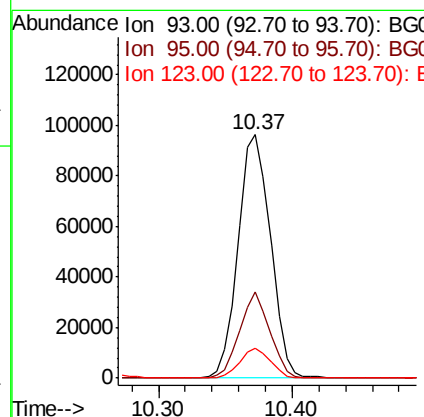
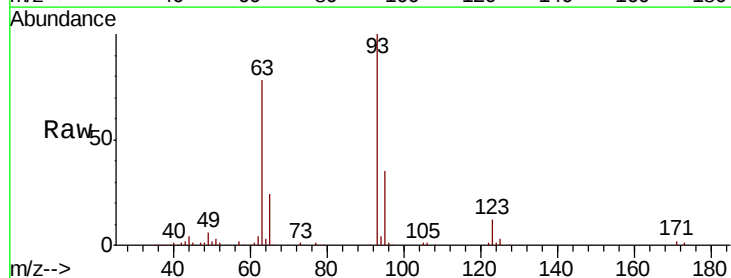
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.1	91.7	137.5
121	59.3	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.706 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.3	25.0	37.4
123	12.1	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.591 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

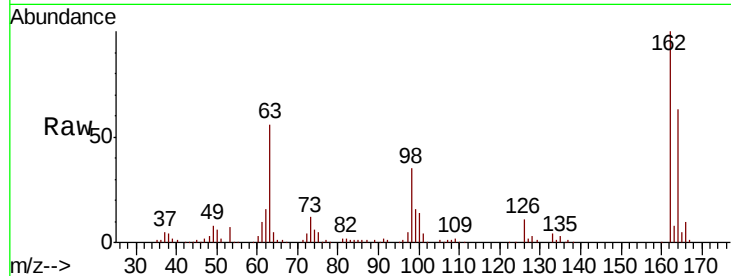
Tgt Ion:162 Resp: 133064

Ion Ratio Lower Upper

162 100

164 63.4 48.1 88.1

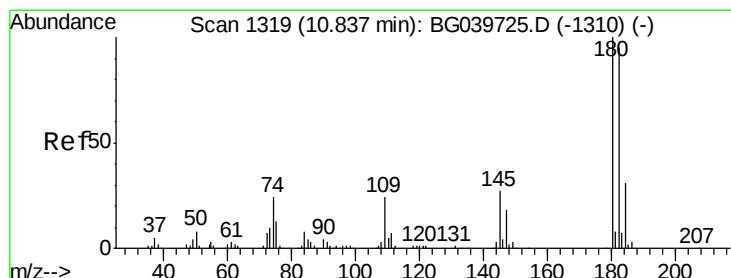
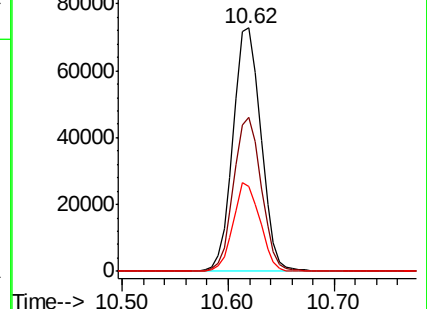
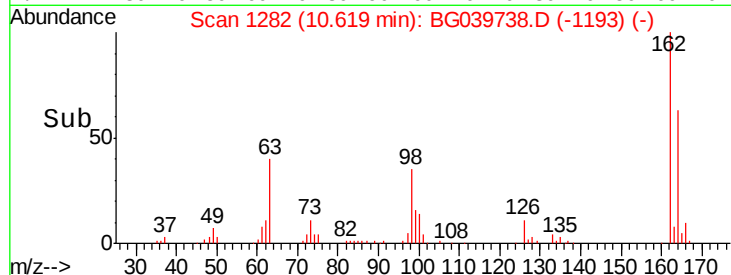
98 34.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.346 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

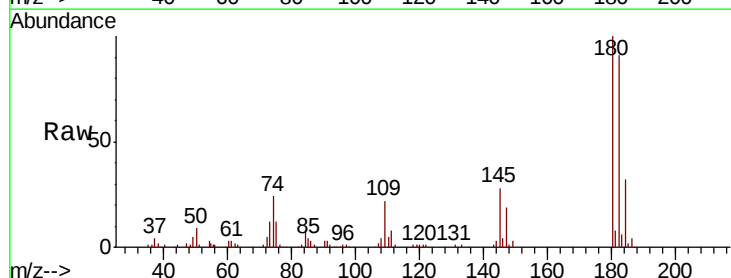
Tgt Ion:180 Resp: 125937

Ion Ratio Lower Upper

180 100

182 91.0 76.0 114.0

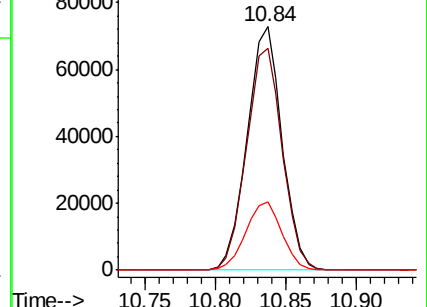
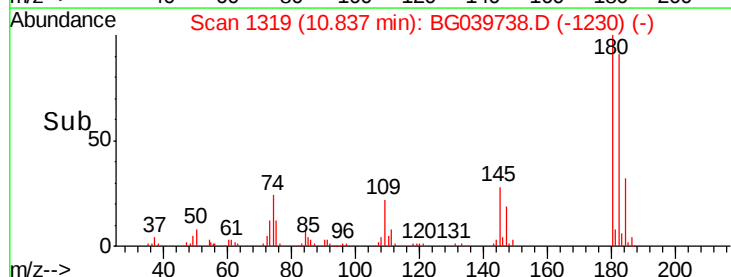
145 28.0 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

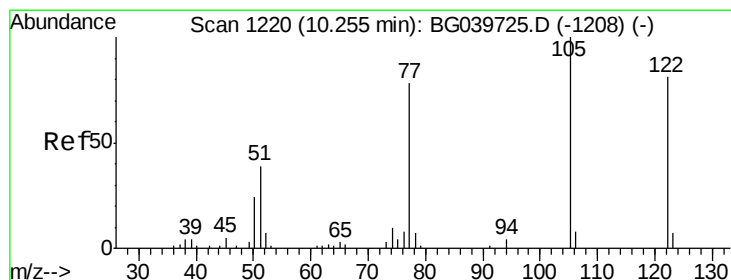
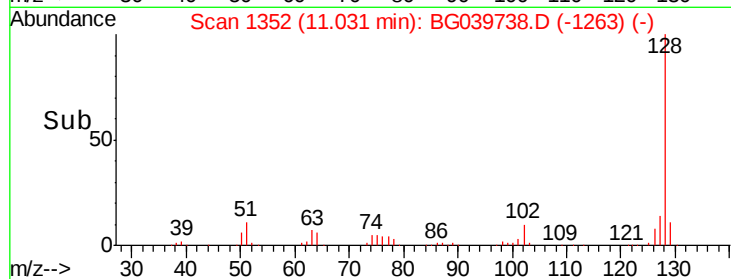
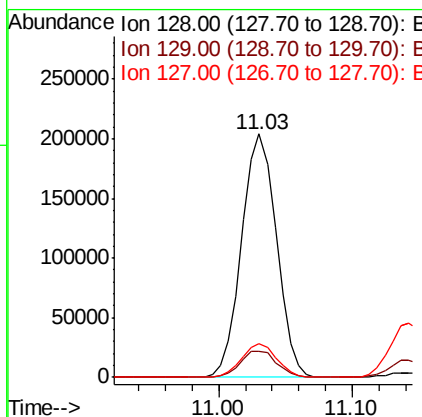
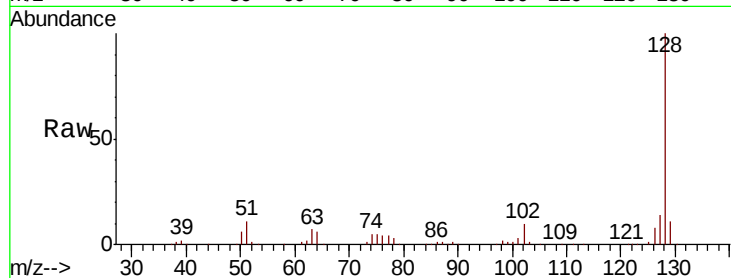




#31
Naphthalene
Concen: 39.203 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

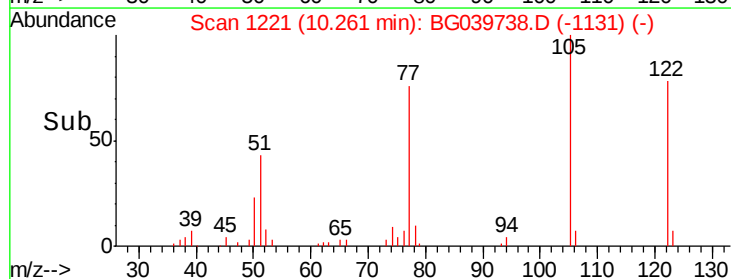
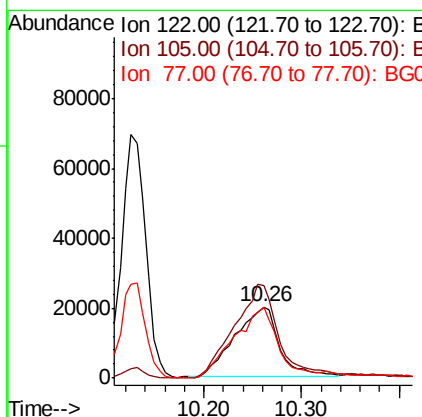
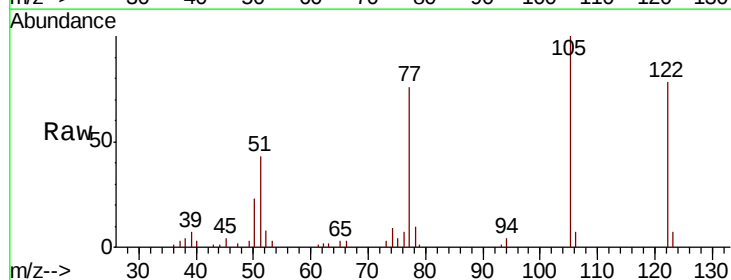
Instrument :
BNA_G
ClientSampled :
PB117513BS

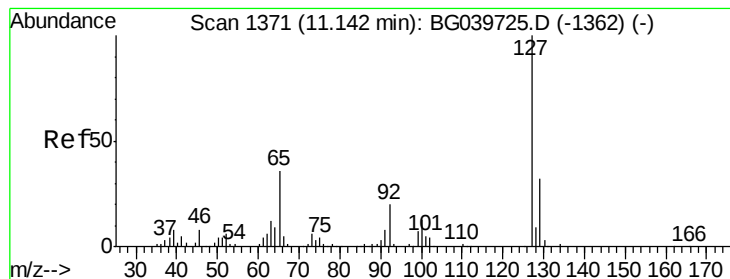
Tgt Ion:128 Resp: 369408
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 14.0 10.8 16.2



#32
Benzoic acid
Concen: 37.844 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:122 Resp: 64477
Ion Ratio Lower Upper
122 100
105 128.8 101.8 141.8
77 98.4 76.3 116.3

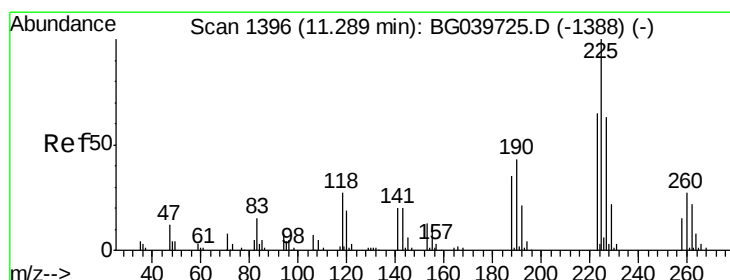
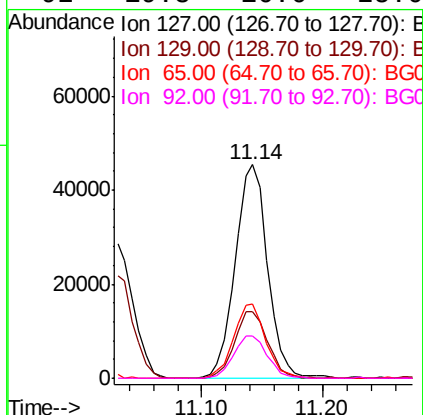
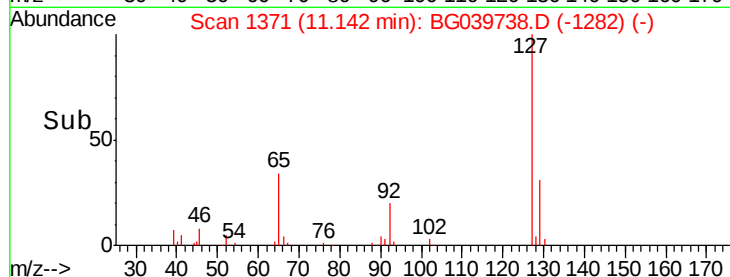
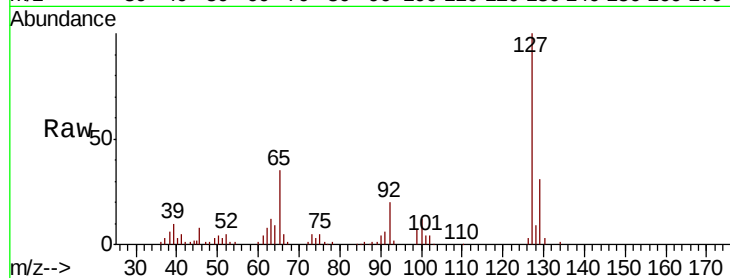




#33
4-Chloroaniline
Concen: 21.292 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

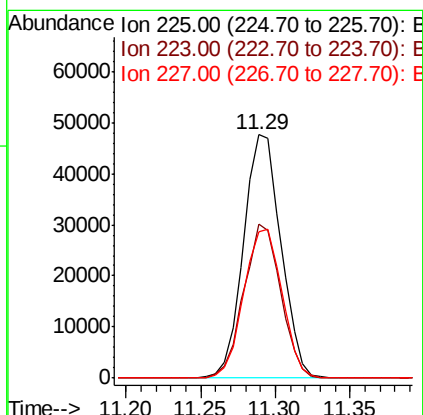
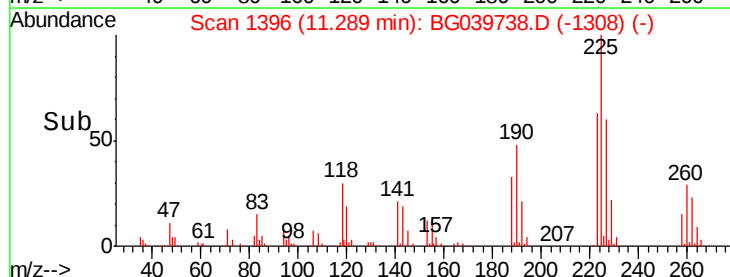
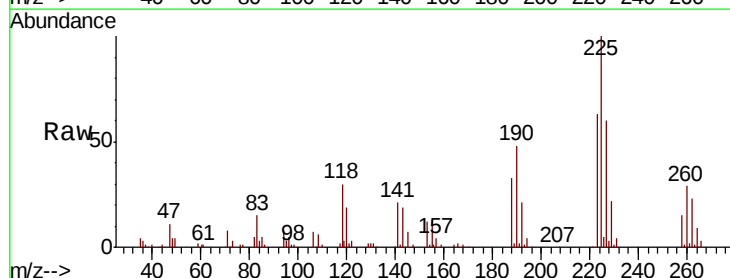
Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:	127	Resp:	85076
Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.0	40.4
65	34.6	28.8	43.2
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 36.756 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:	225	Resp:	82489
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.0	73.6
227	60.1	46.3	69.5

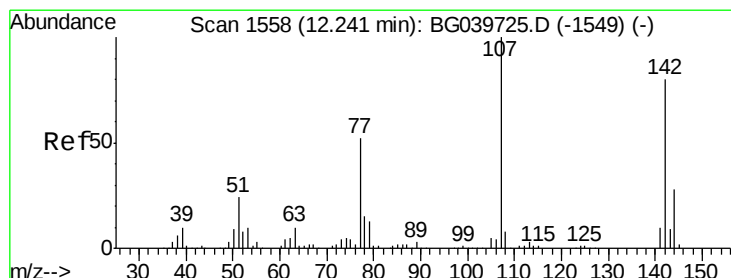
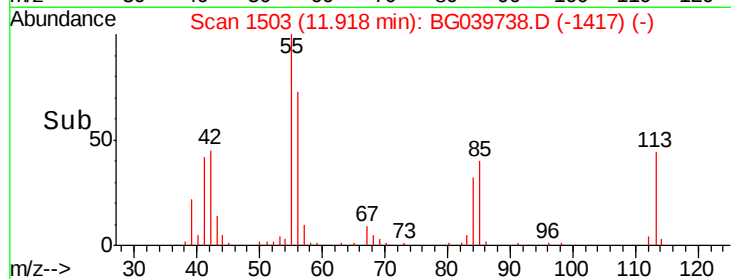
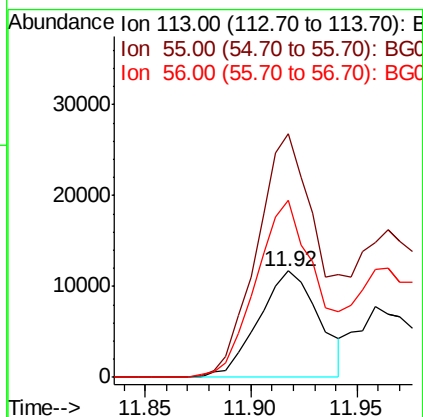
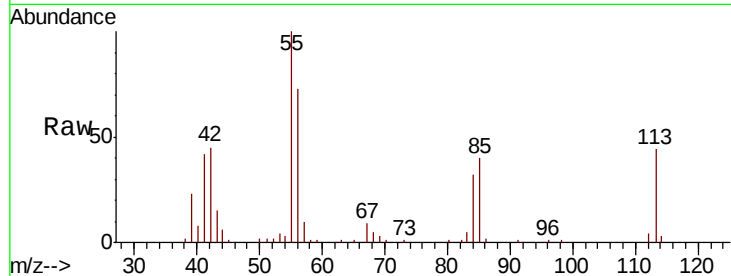




#35
Caprolactam
Concen: 20.879 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

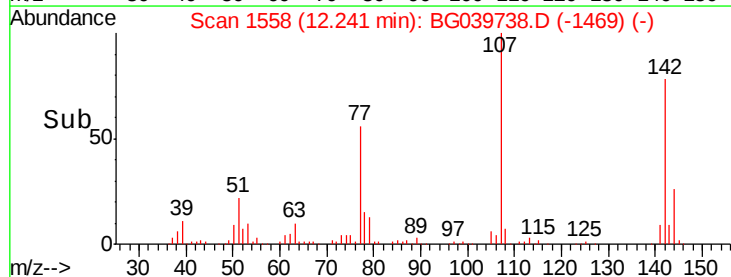
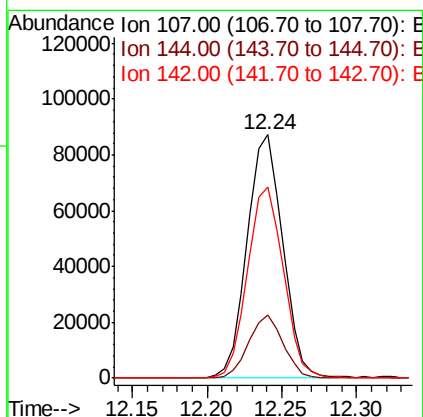
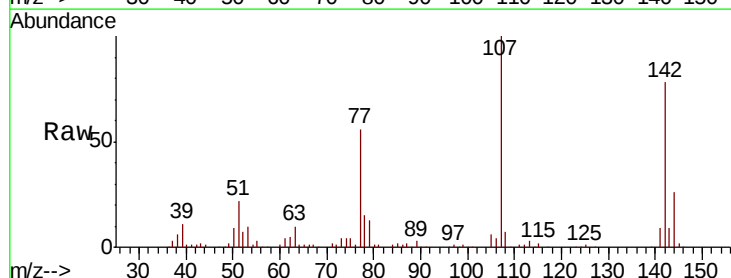
Instrument :
BNA_G
ClientSampleId :
PB117513BS

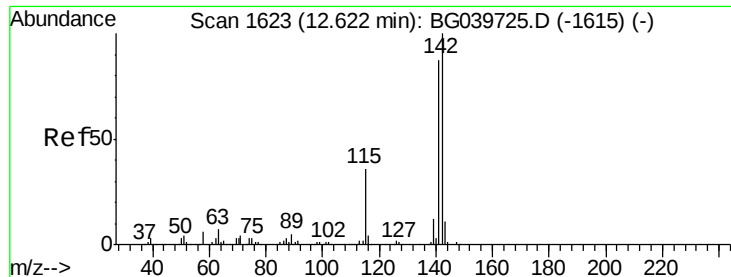
Tgt Ion:113 Resp: 23278
Ion Ratio Lower Upper
113 100
55 228.5 216.9 256.9
56 166.6 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 43.100 ng
RT: 12.24 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:107 Resp: 144199
Ion Ratio Lower Upper
107 100
144 25.7 20.2 30.2
142 78.4 61.4 92.2

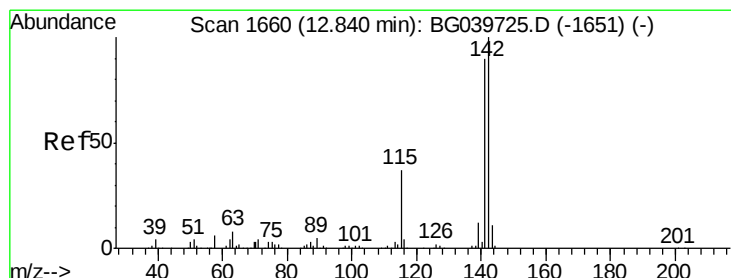
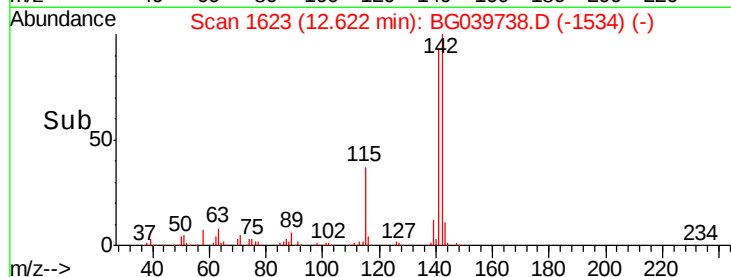
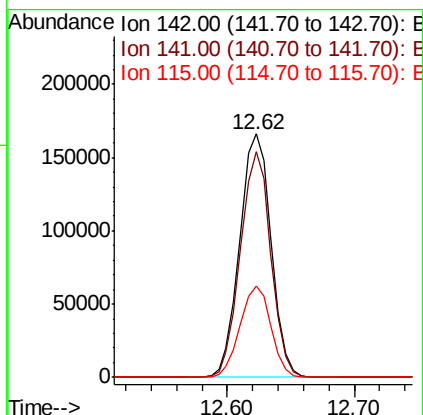
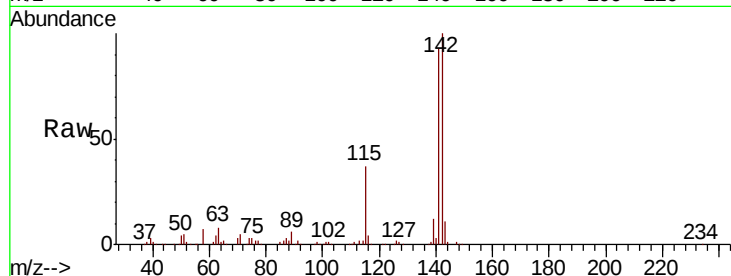




#37
 2-Methylnaphthalene
 Concen: 40.482 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

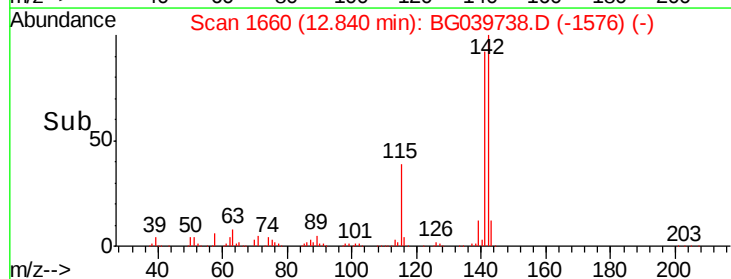
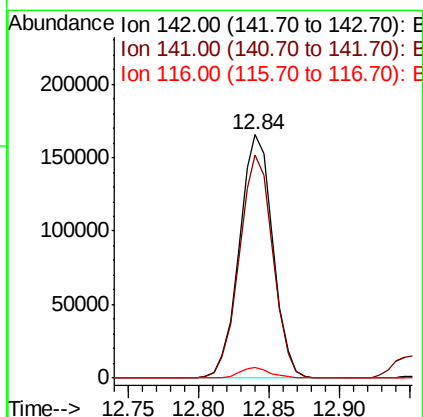
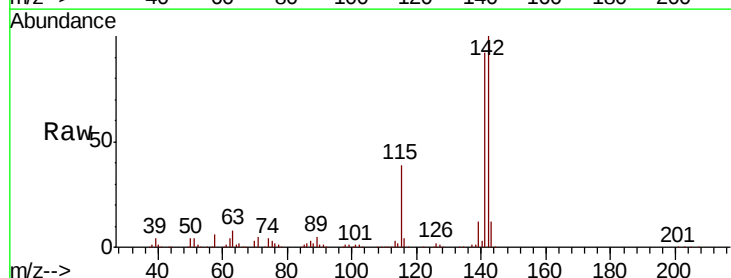
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.5	110.3
115	37.4	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 39.943 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.4
116	4.4	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

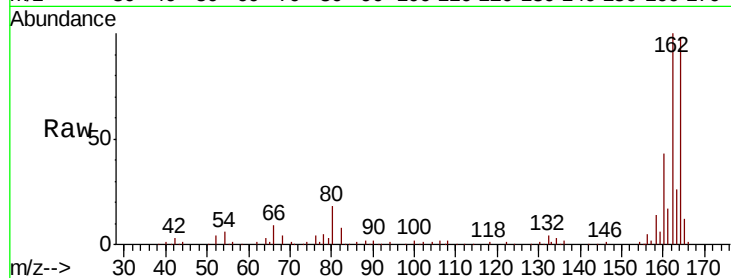
Tgt Ion:164 Resp: 124333

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

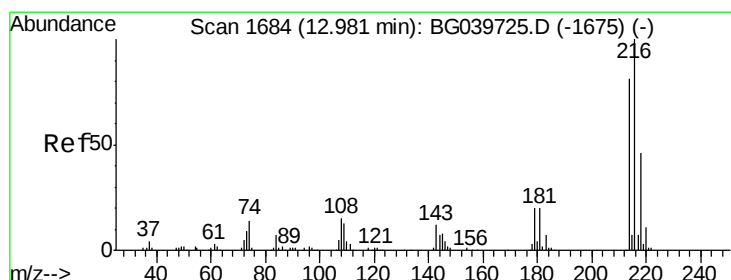
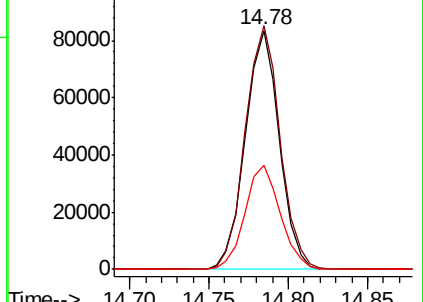
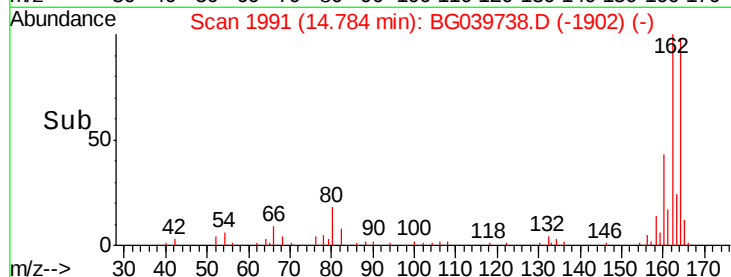
160 43.6 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.055 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Tgt Ion:216 Resp: 156080

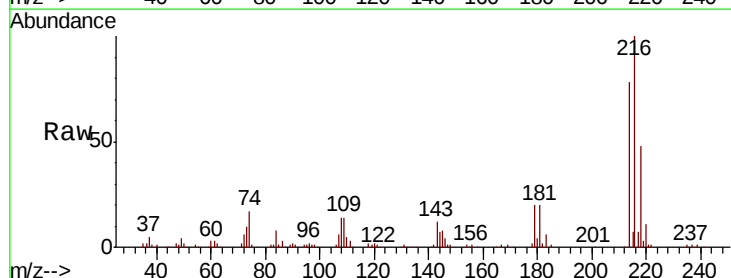
Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

179 19.8 16.6 25.0

108 18.7 14.0 21.0

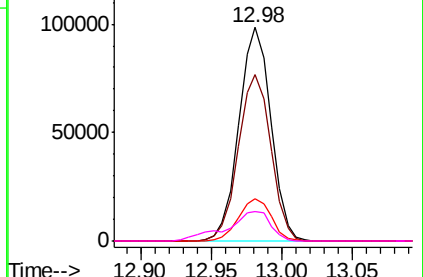
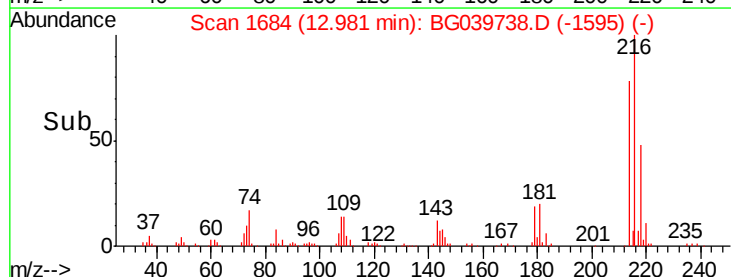


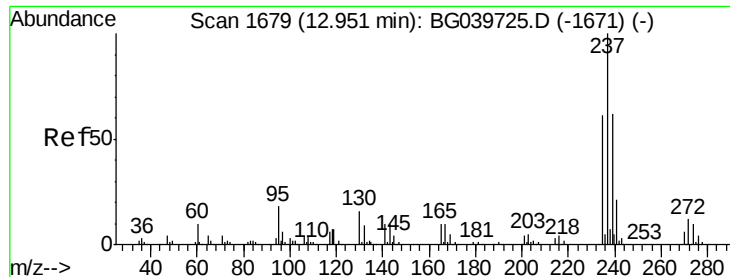
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

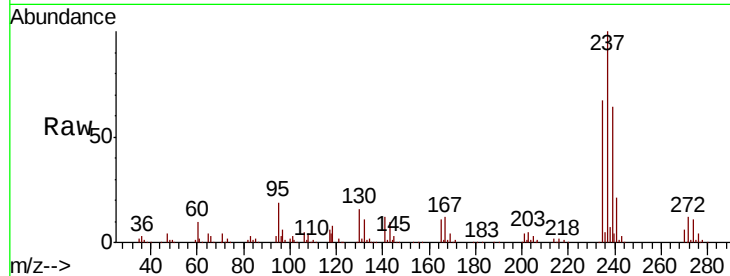




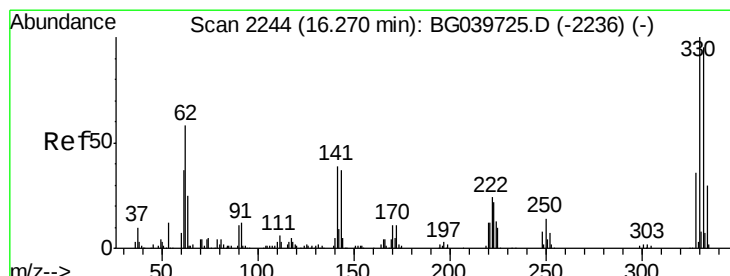
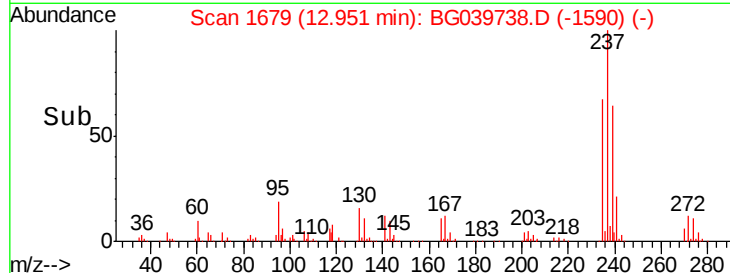
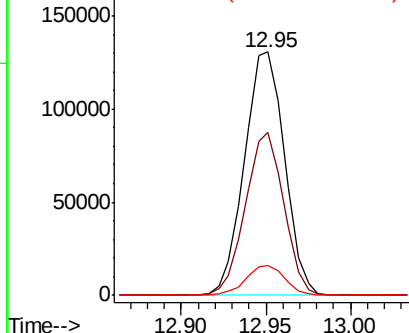
#41
Hexachlorocyclopentadiene
Concen: 95.591 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	67.2	43.3	83.3
272	12.4	0.0	32.3

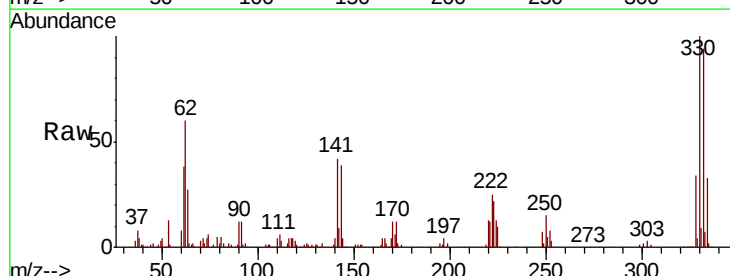


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

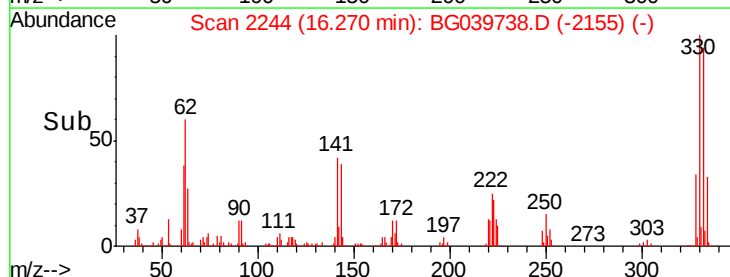
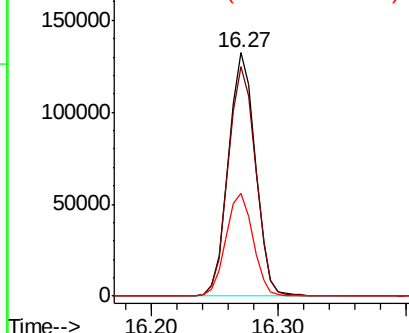


#42
2,4,6-Tribromophenol
Concen: 134.139 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	42.6	35.6	53.4



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

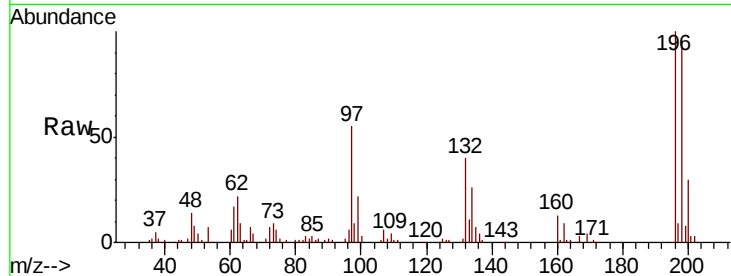




#43
 2,4,6-Trichlorophenol
 Concen: 44.390 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109465		
198	96.2	80.6	121.0	
200	30.5	26.1	39.1	

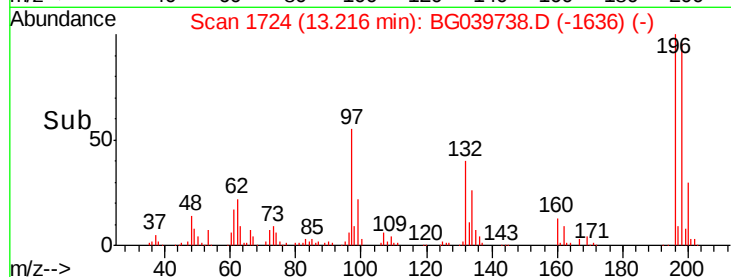
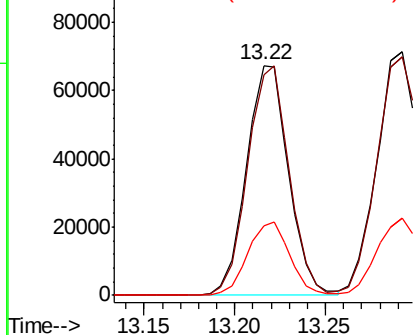


Abundance

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: 43.040 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119635		
198	98.1	78.5	117.7	
97	45.9	38.4	57.6	
132	25.1	19.2	28.8	

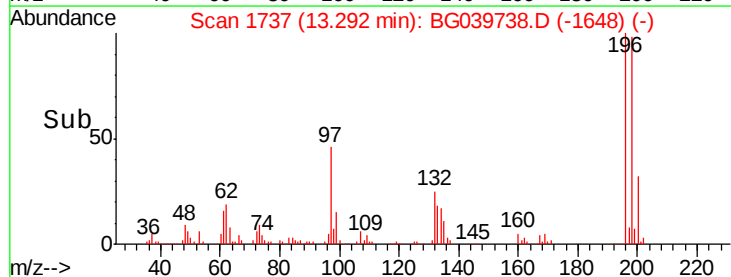
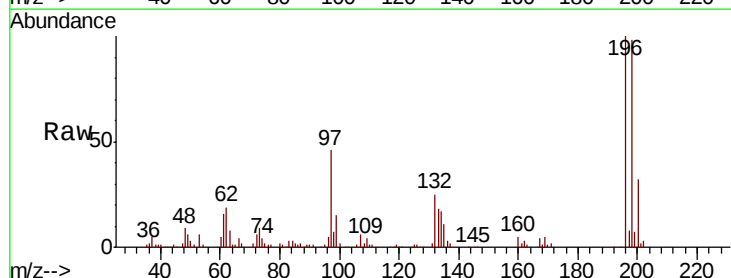
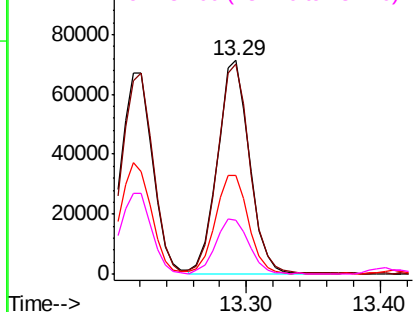
Abundance

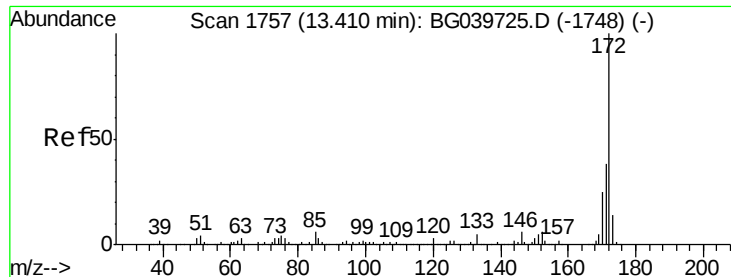
Ion 196.00 (195.70 to 196.70): E

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

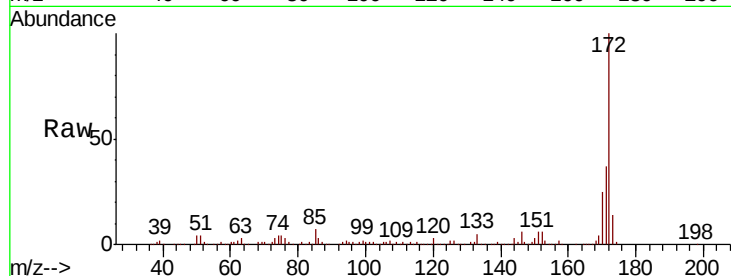




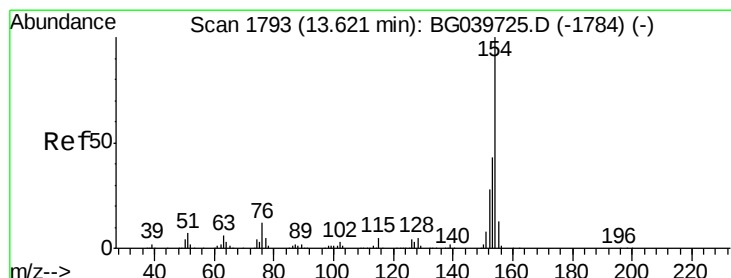
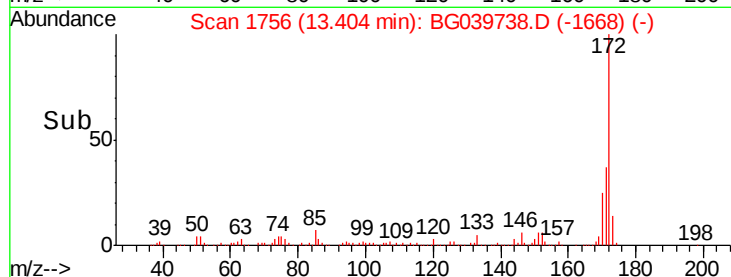
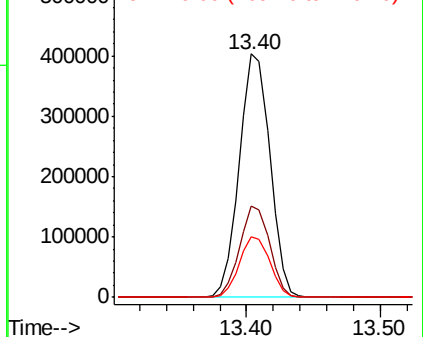
#45
 2-Fluorobiphenyl
 Concen: 73.162 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion:172 Resp: 638874
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 24.7 20.2 30.4

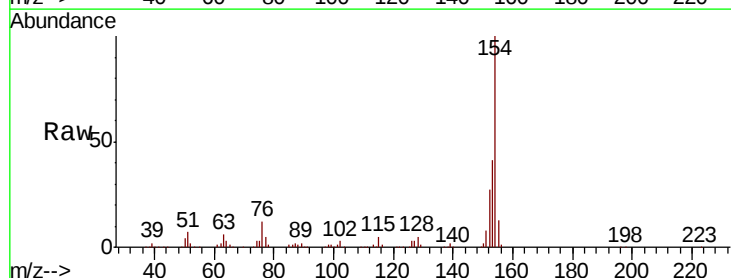


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

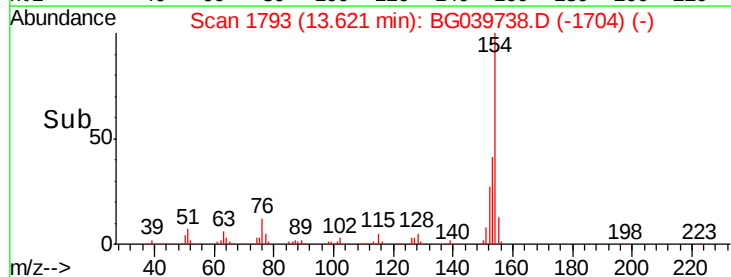
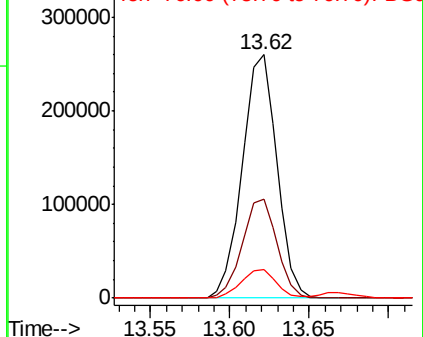


#46
 1,1'-Biphenyl
 Concen: 38.497 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion:154 Resp: 393676
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.1 62.1
 76 11.9 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

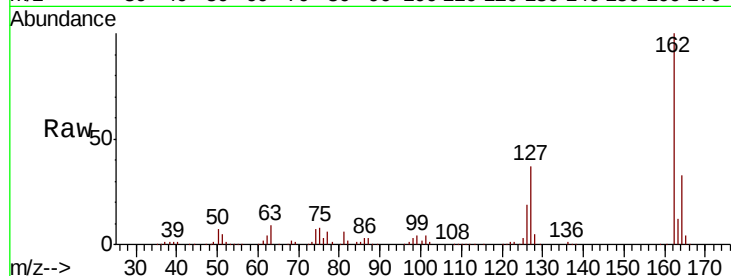




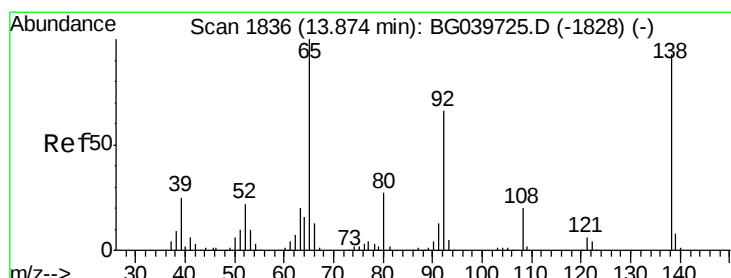
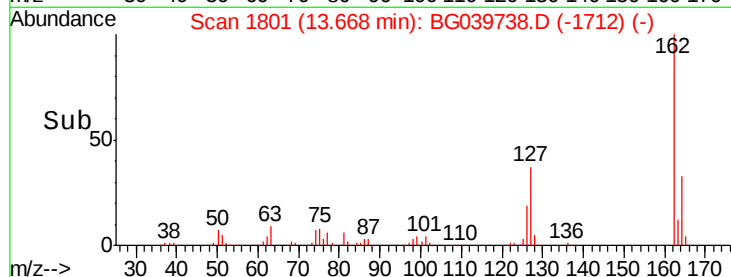
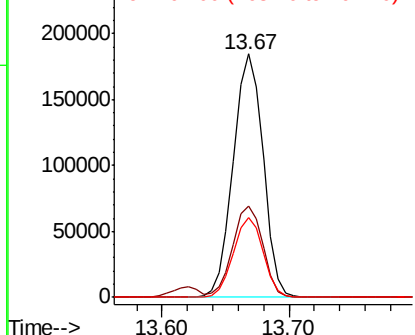
#47
 2-Chloronaphthalene
 Concen: 39.064 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion: 162 Resp: 300524
 Ion Ratio Lower Upper
 162 100
 127 37.3 31.0 46.6
 164 32.5 25.7 38.5

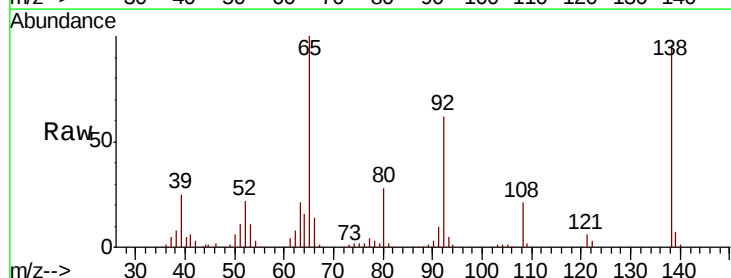


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

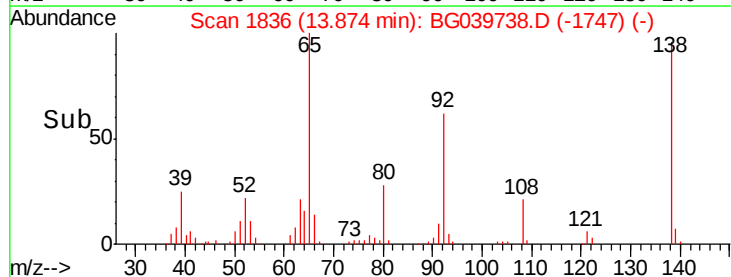
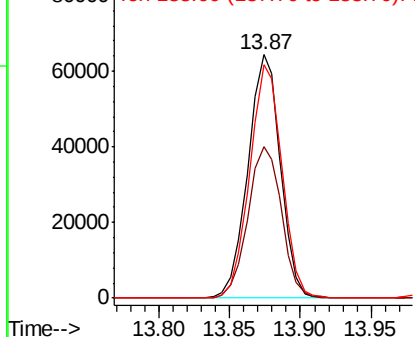


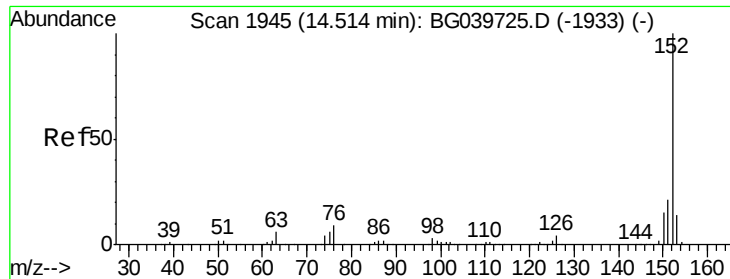
#48
 2-Nitroaniline
 Concen: 42.111 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion: 65 Resp: 104113
 Ion Ratio Lower Upper
 65 100
 92 62.2 51.4 77.2
 138 95.8 71.4 107.2



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: 38.898 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

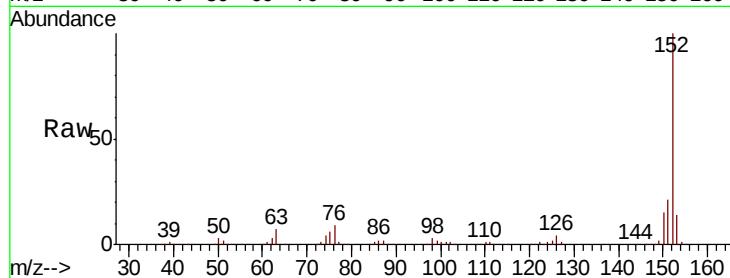
Tgt Ion:152 Resp: 491242

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

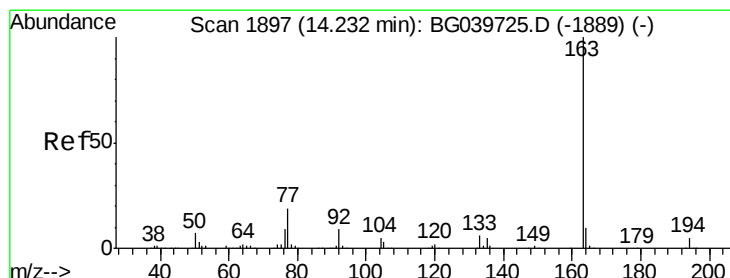
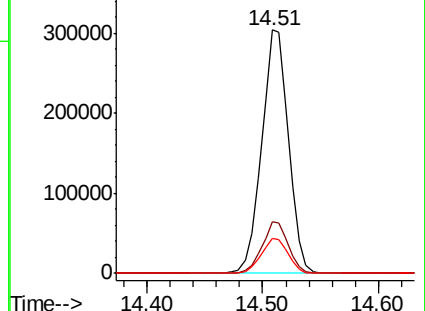
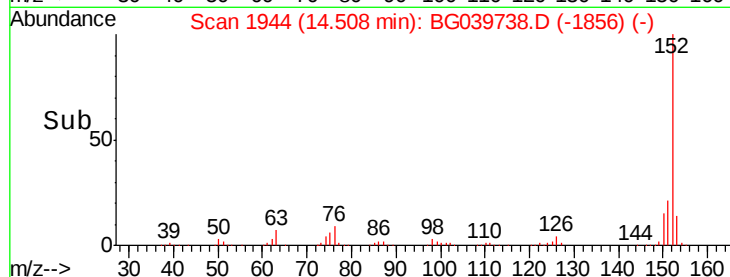
153 14.3 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.733 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

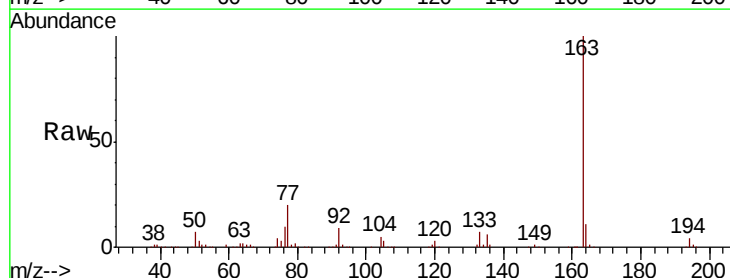
Tgt Ion:163 Resp: 413086

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

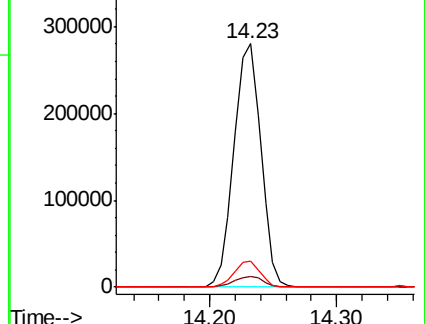
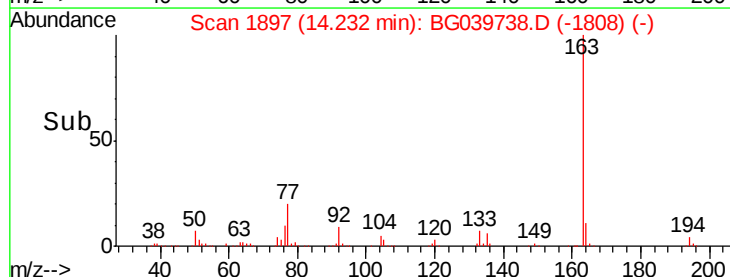
164 10.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.097 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

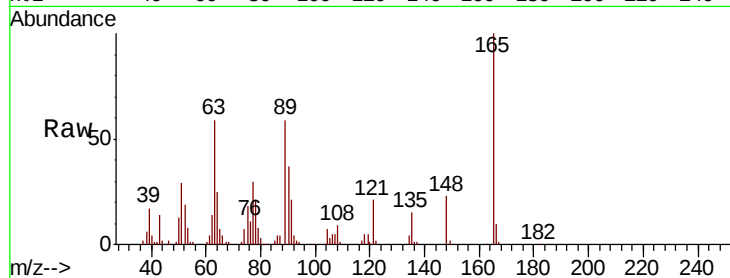
Tgt Ion:165 Resp: 90580

Ion Ratio Lower Upper

165 100

63 58.9 47.0 70.6

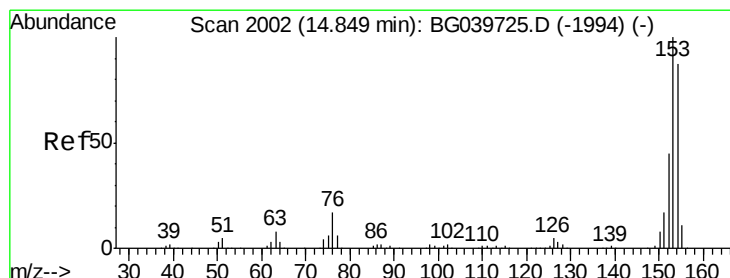
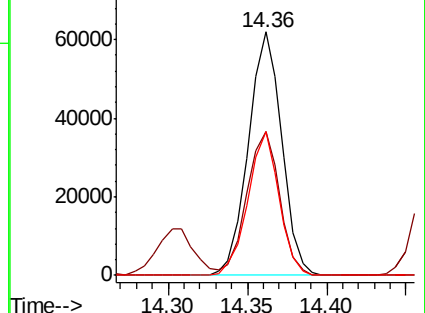
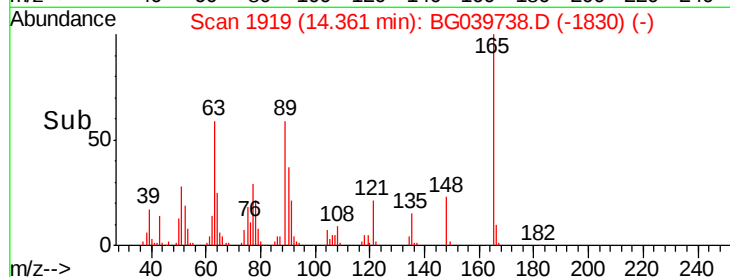
89 59.3 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.473 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

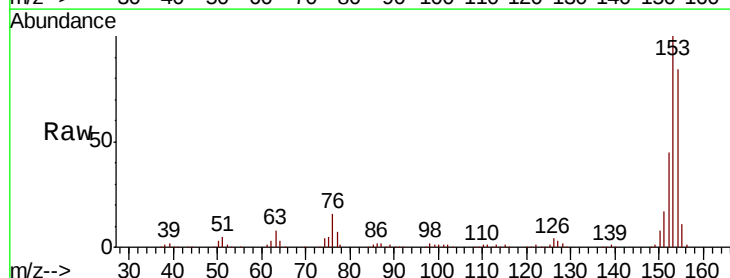
Tgt Ion:154 Resp: 300038

Ion Ratio Lower Upper

154 100

153 118.4 90.1 135.1

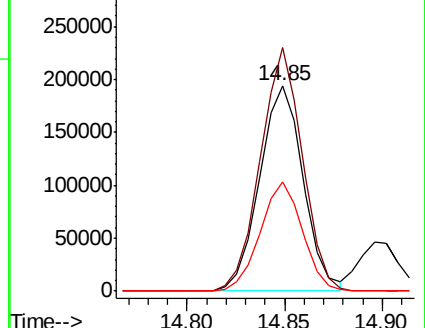
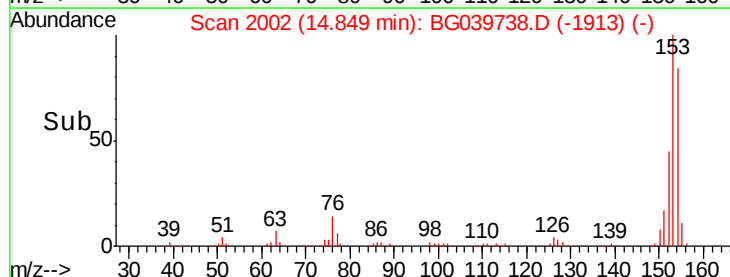
152 53.0 40.9 61.3



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

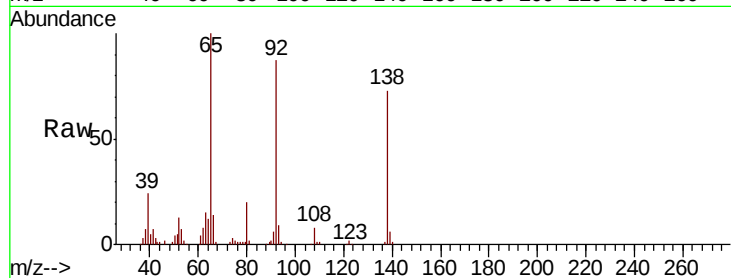




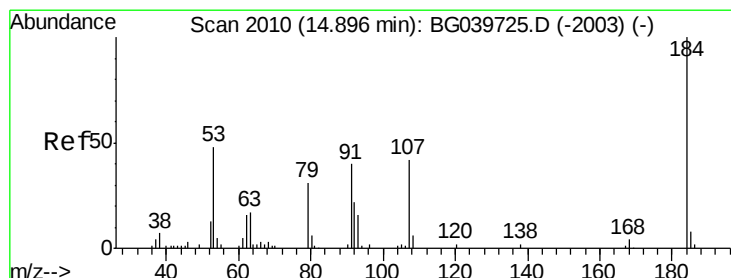
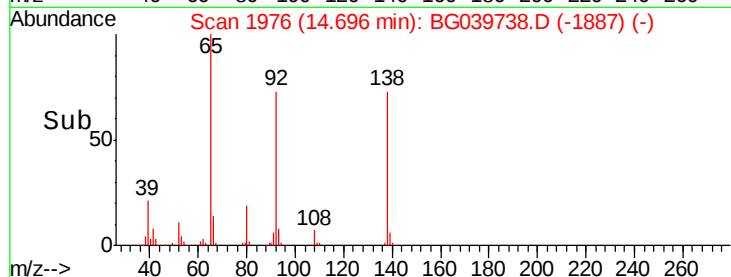
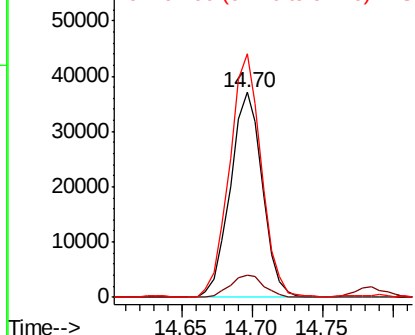
#53
3-Nitroaniline
Concen: 26.418 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:138 Resp: 58529
Ion Ratio Lower Upper
138 100
108 10.6 13.8 20.8#
92 119.0 103.7 155.5

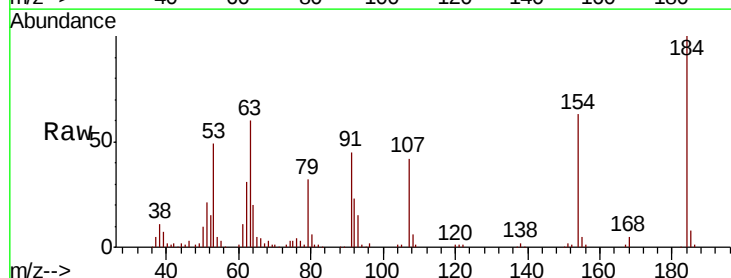


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

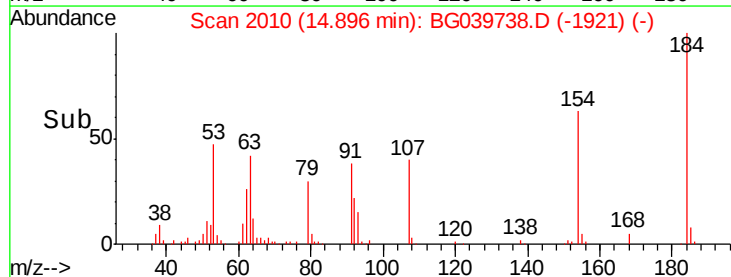
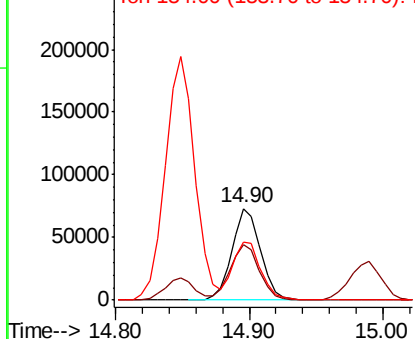


#54
2,4-Dinitrophenol
Concen: 78.555 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:184 Resp: 109045
Ion Ratio Lower Upper
184 100
63 60.3 50.9 76.3
154 62.8 53.0 79.6



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





#55

Dibenzenofuran

Concen: 39.142 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

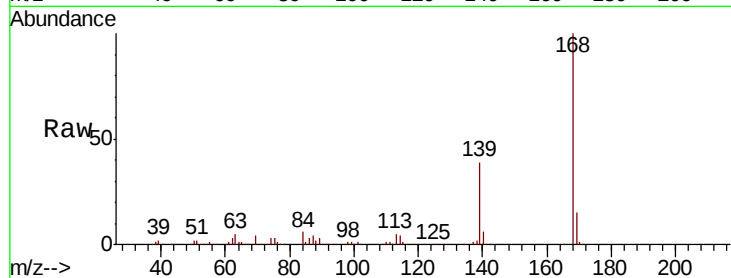
Tgt Ion:168 Resp: 488147

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

169 14.7 10.6 16.0

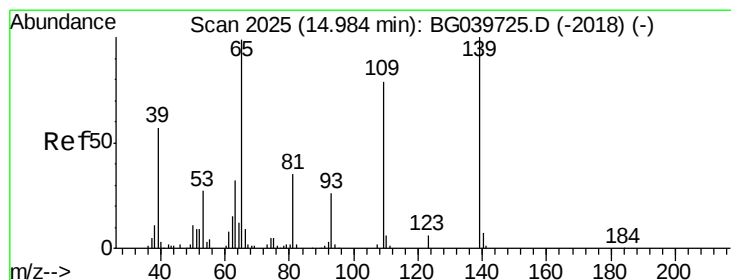
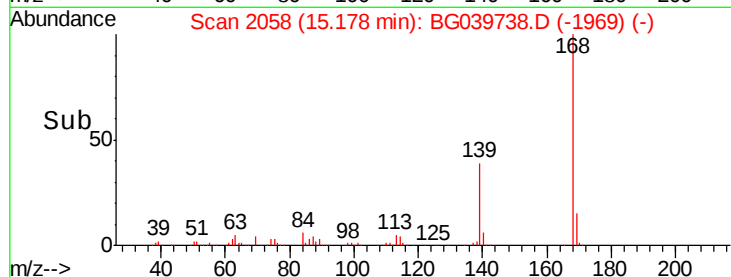
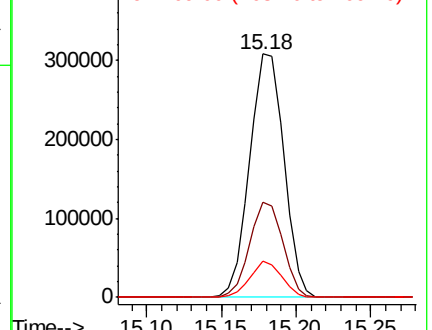


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 82.560 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

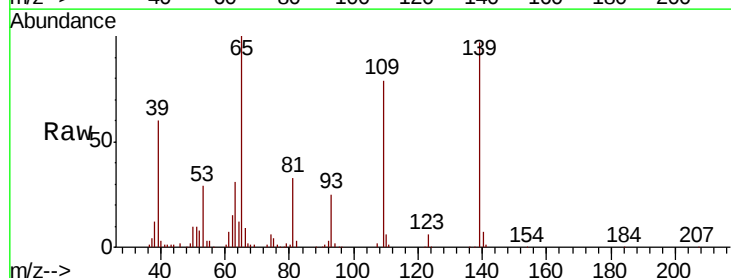
Tgt Ion:139 Resp: 163629

Ion Ratio Lower Upper

139 100

109 81.3 61.9 101.9

65 103.1 99.1 139.1

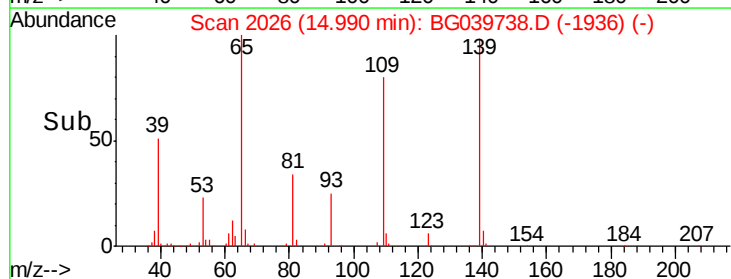
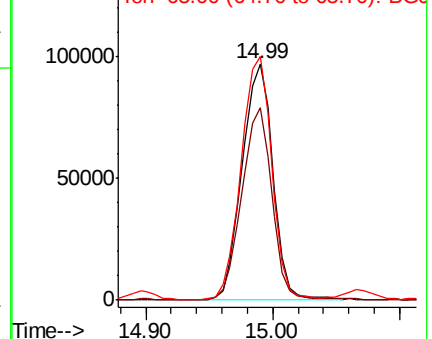


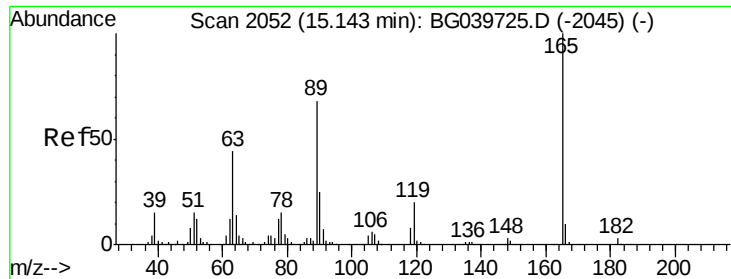
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

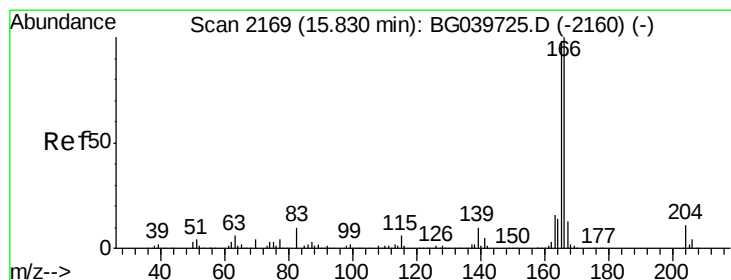
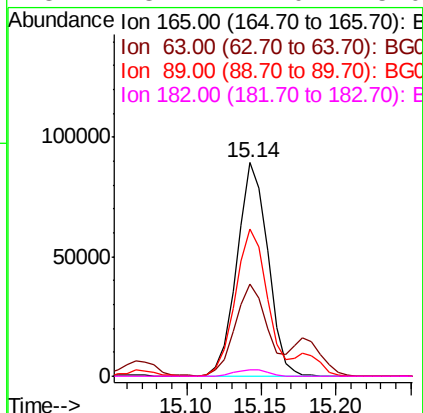
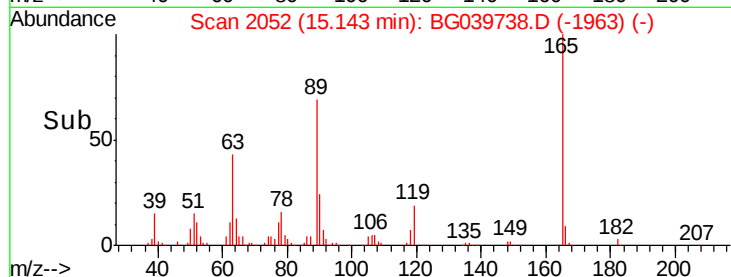
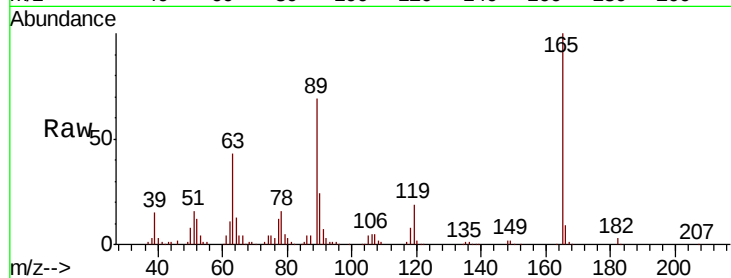




#57
2,4-Dinitrotoluene
Concen: 41.672 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

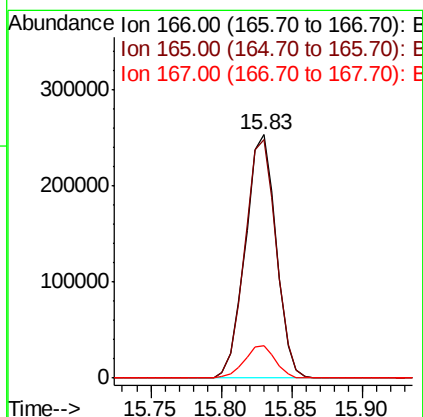
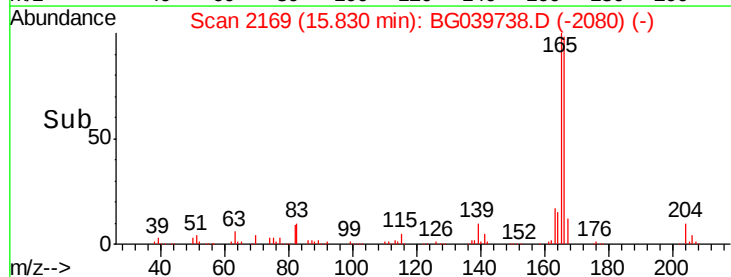
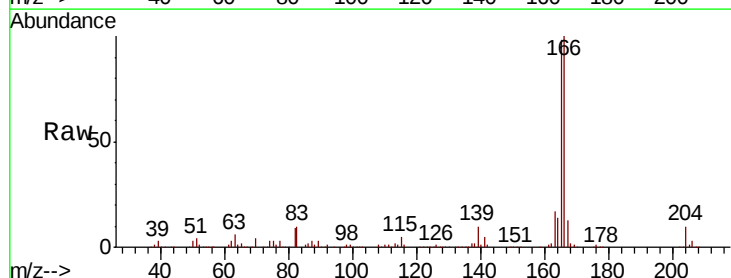
Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.3	41.0	61.6
89	68.9	64.6	96.8
182	3.2	2.0	3.0



#58
Fluorene
Concen: 39.491 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.3	10.8	16.2

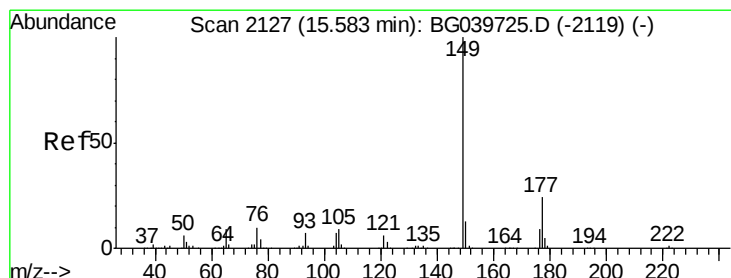
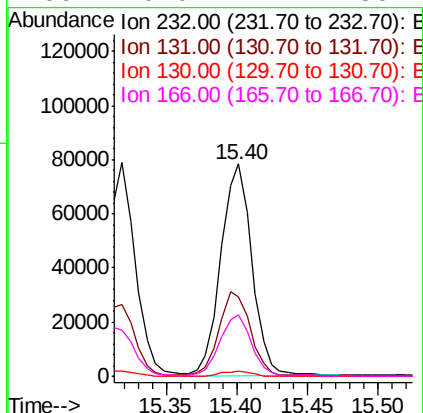
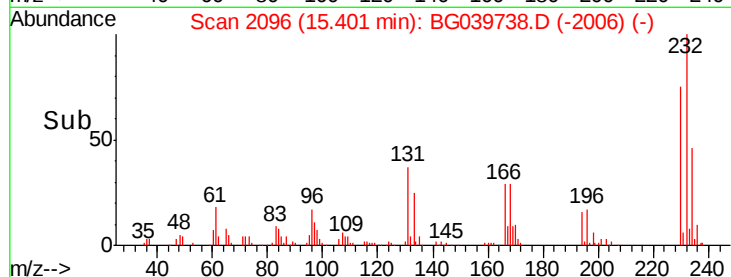
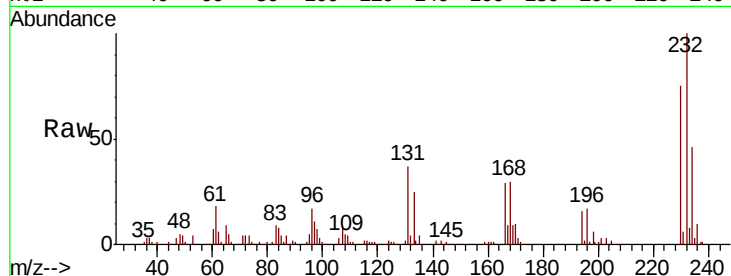




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.972 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

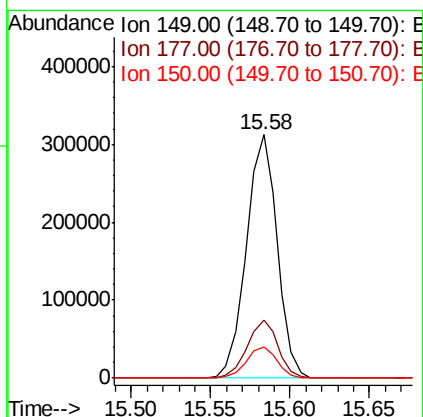
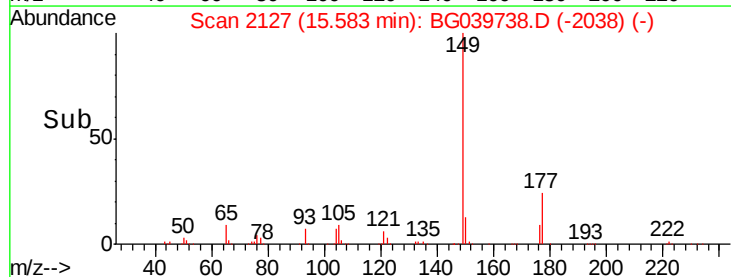
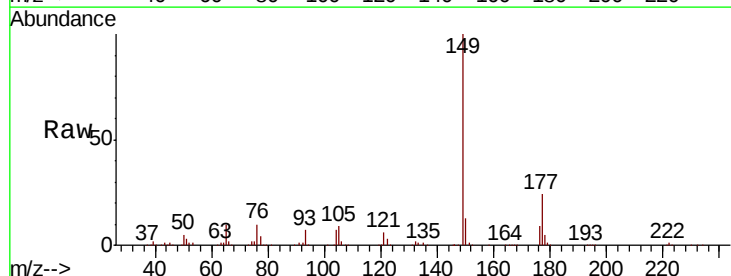
Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.9	52.3
130	2.3	2.0	3.0
166	29.0	24.1	36.1



#60
Diethylphthalate
Concen: 40.724 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	12.7	10.2	15.2

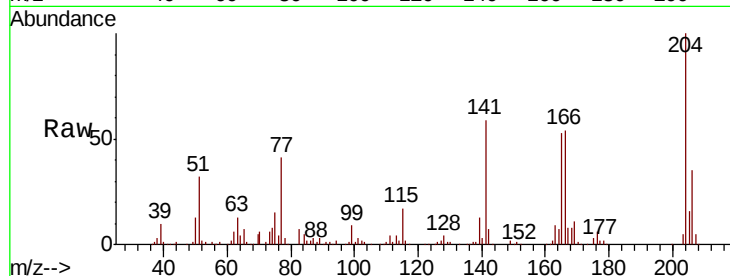




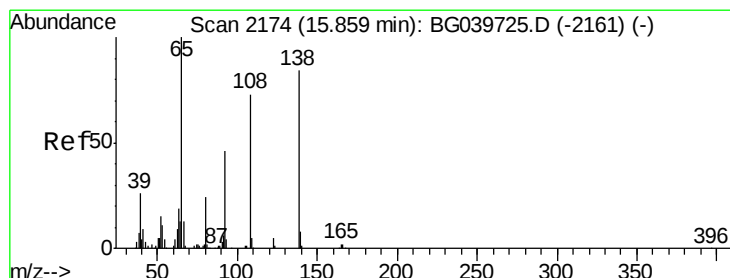
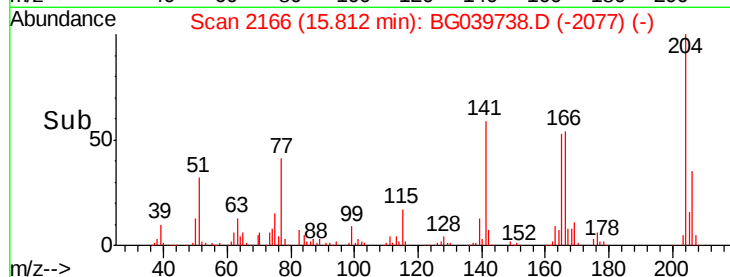
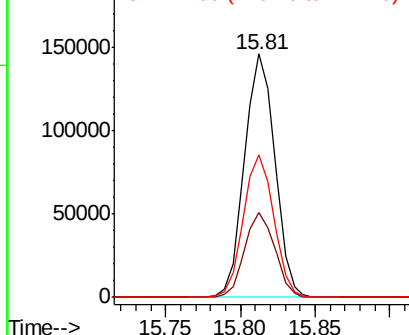
#61
 4-Chlorophenyl-phenylether
 Concen: 39.245 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion: 204 Resp: 205314
 Ion Ratio Lower Upper
 204 100
 206 34.7 29.2 43.8
 141 58.6 49.0 73.4

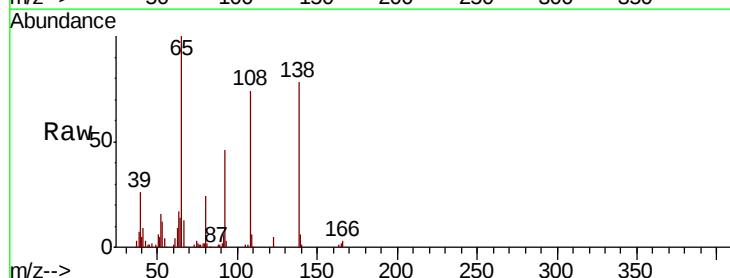


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

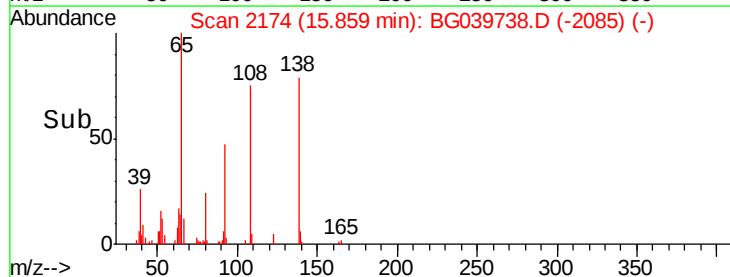
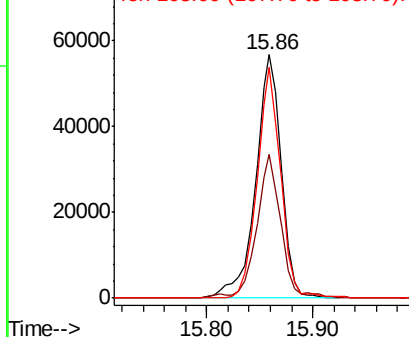


#62
 4-Nitroaniline
 Concen: 39.958 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion: 138 Resp: 95974
 Ion Ratio Lower Upper
 138 100
 92 59.0 38.7 78.7
 108 95.0 74.6 114.6



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: 40.888 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

Tgt Ion: 77 Resp: 381462

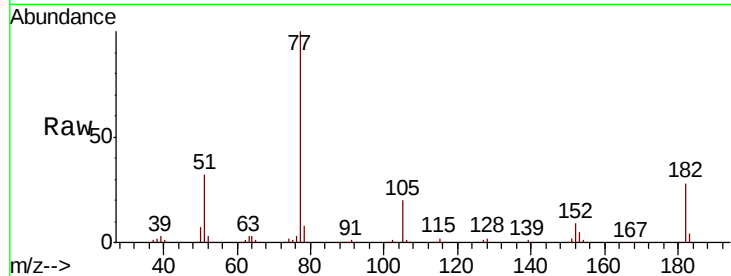
Ion Ratio Lower Upper

77 100

182 27.5 6.4 46.4

105 20.5 0.0 39.8

51 32.0 14.1 54.1

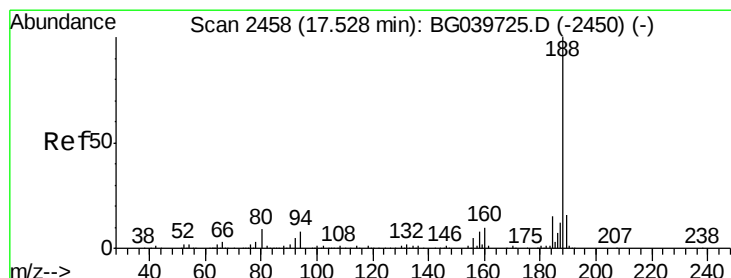
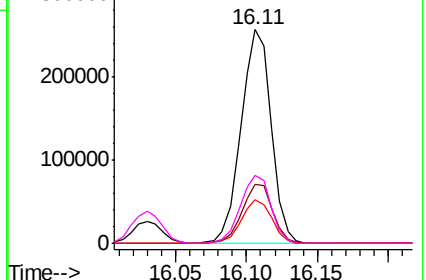
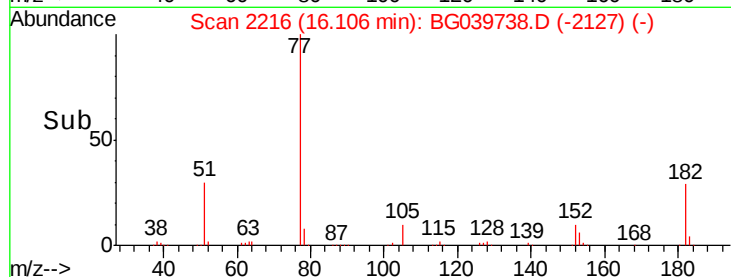


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

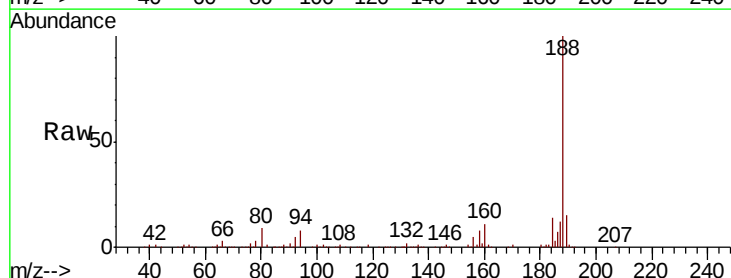
Tgt Ion: 188 Resp: 311710

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

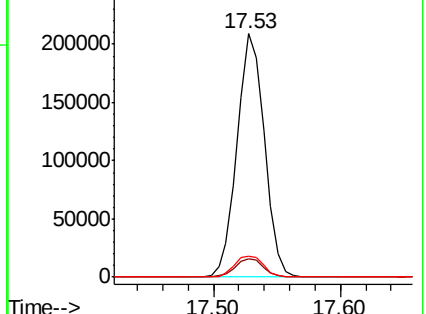
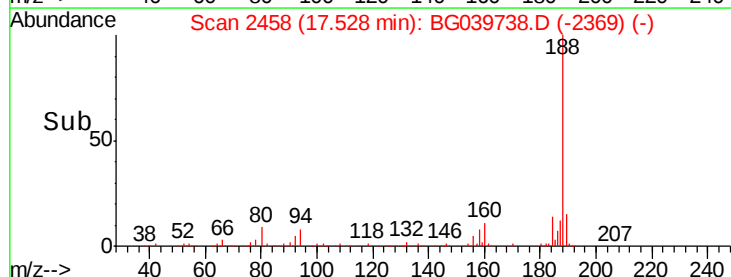
80 8.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.812 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

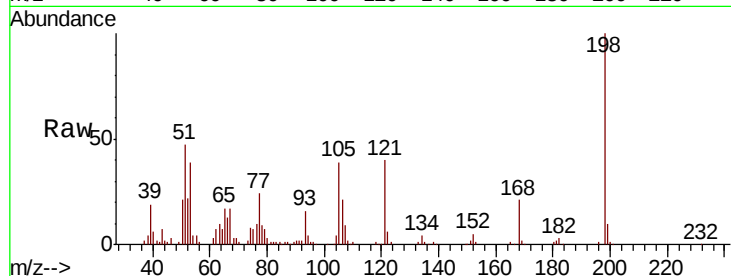
Tgt Ion:198 Resp: 75218

Ion Ratio Lower Upper

198 100

51 47.5 27.4 67.4

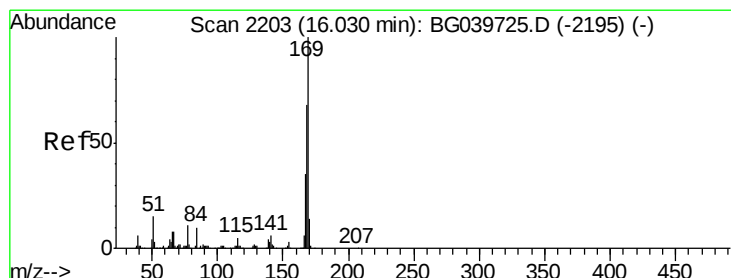
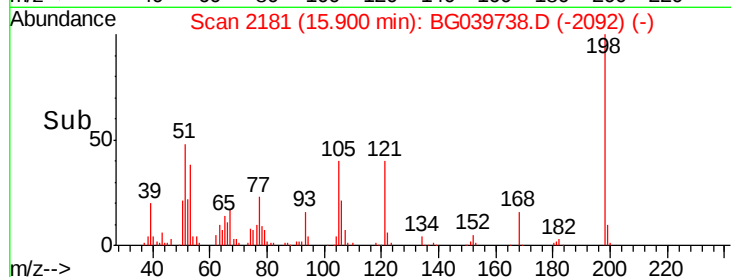
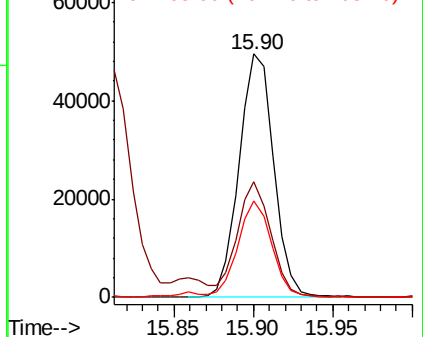
105 39.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.494 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

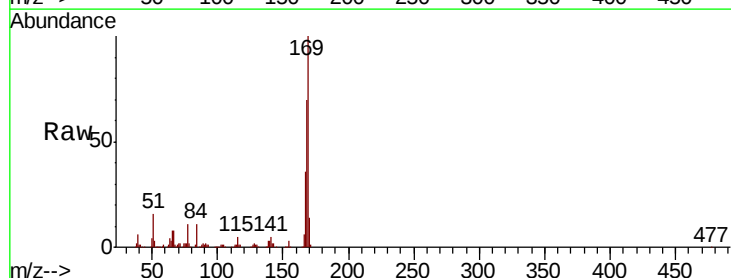
Tgt Ion:169 Resp: 365425

Ion Ratio Lower Upper

169 100

168 70.1 56.6 85.0

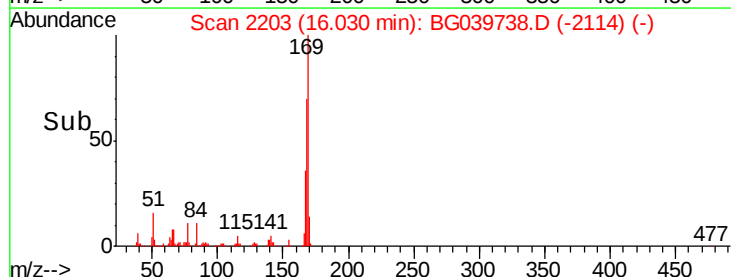
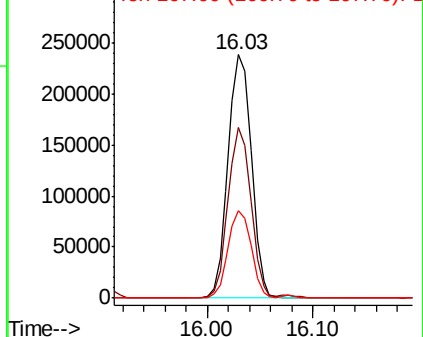
167 36.1 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

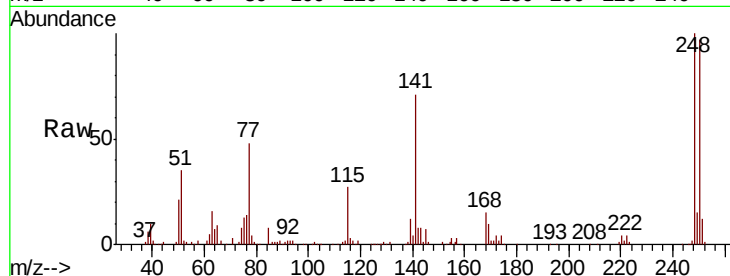




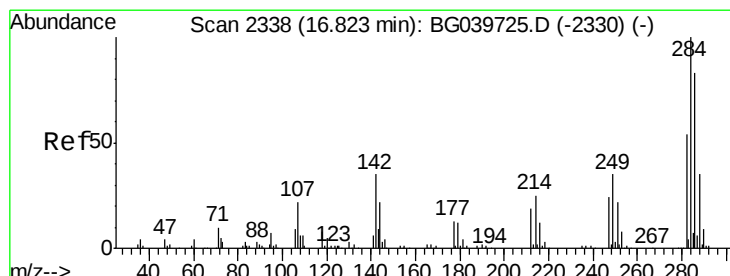
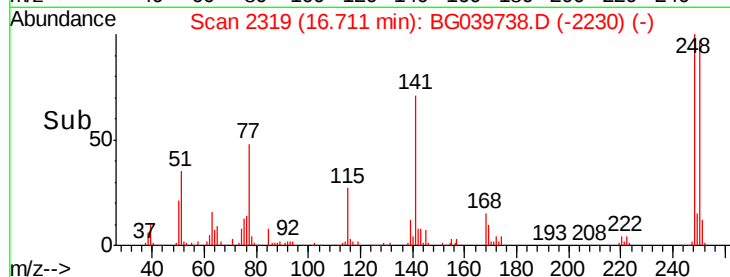
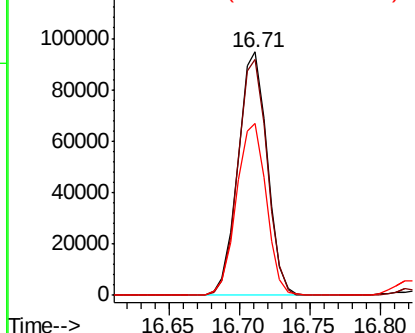
#67
 4-Bromophenyl-phenylether
 Concen: 39.211 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

Tgt Ion:248 Resp: 136810
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.6 116.4
 141 70.6 63.9 95.9

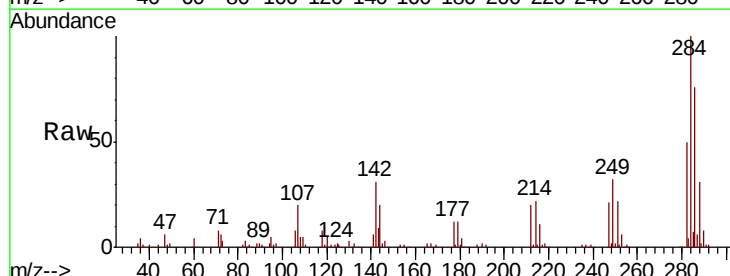


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

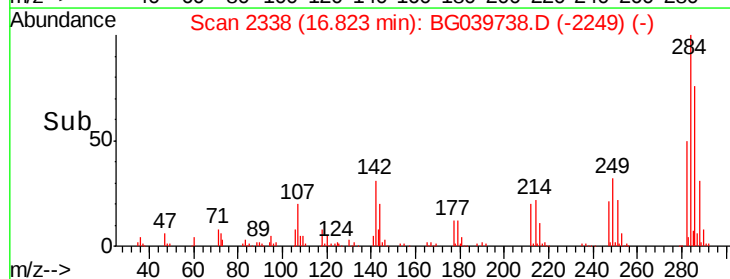
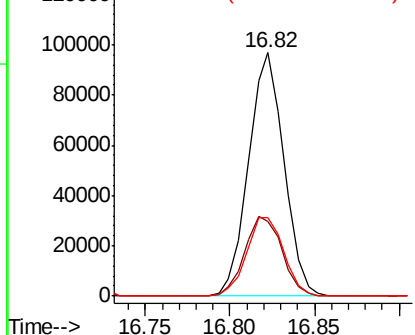


#68
 Hexachlorobenzene
 Concen: 38.961 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion:284 Resp: 140910
 Ion Ratio Lower Upper
 284 100
 142 30.9 30.6 45.8
 249 32.2 28.2 42.2



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: 41.661 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampled :

PB117513BS

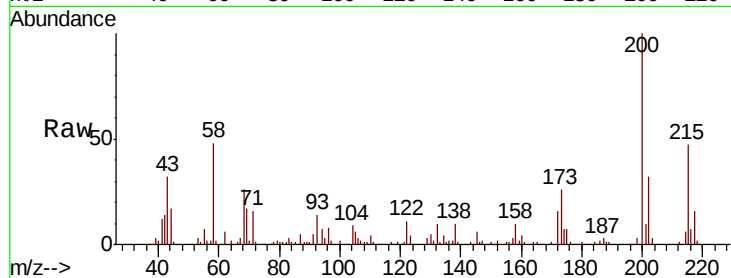
Tgt Ion:200 Resp: 147962

Ion Ratio Lower Upper

200 100

173 26.2 3.9 43.9

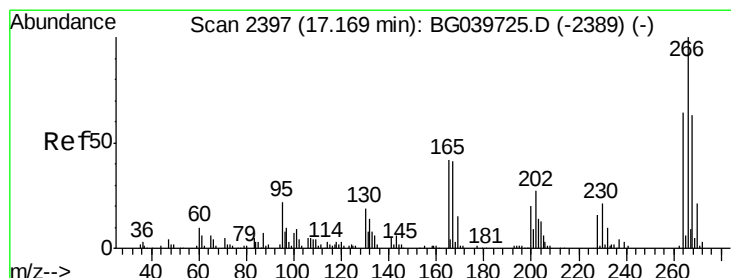
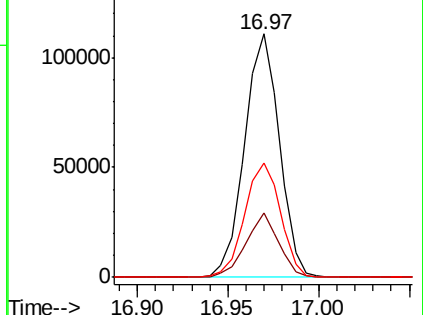
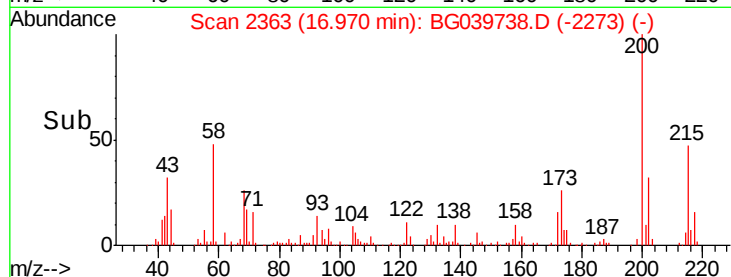
215 47.0 30.9 70.9



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: 78.868 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

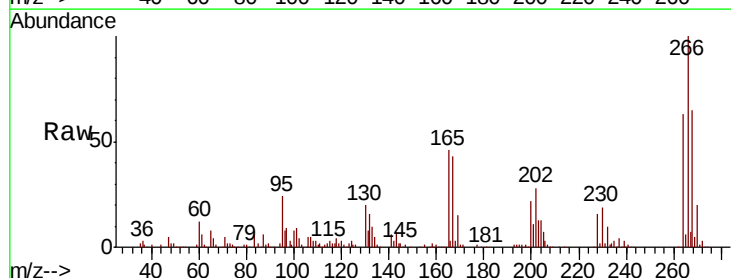
Tgt Ion:266 Resp: 180144

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

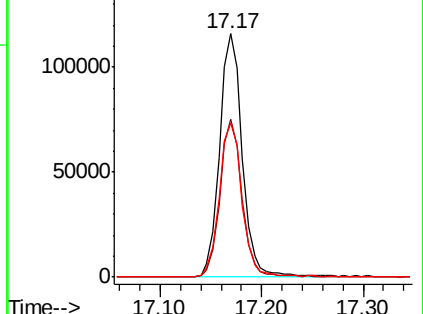
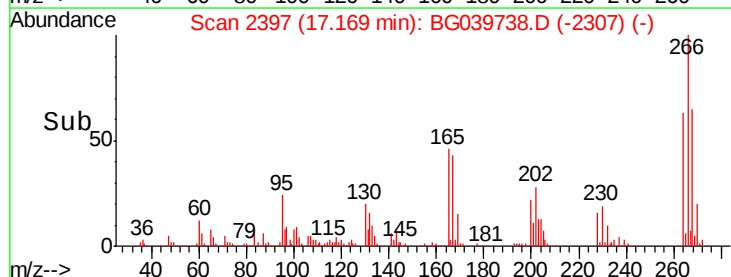
264 63.4 52.1 78.1

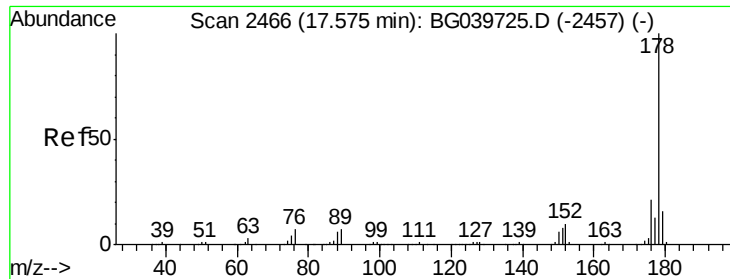


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

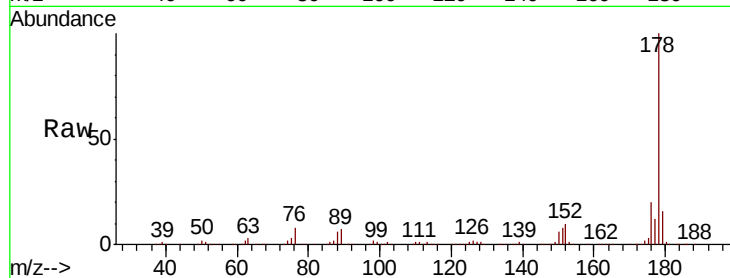




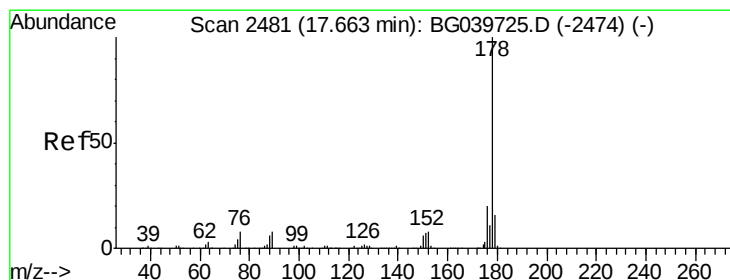
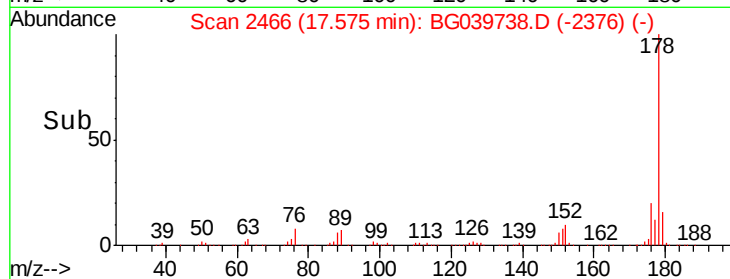
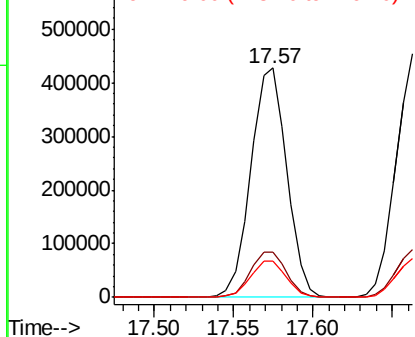
#71
Phenanthrene
Concen: 39.161 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:178 Resp: 672365
Ion Ratio Lower Upper
178 100
176 19.7 16.2 24.4
179 15.8 12.6 19.0

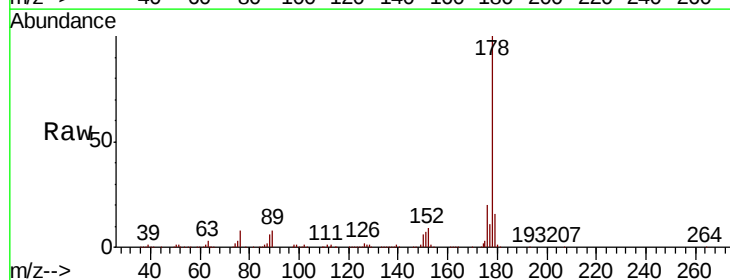


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

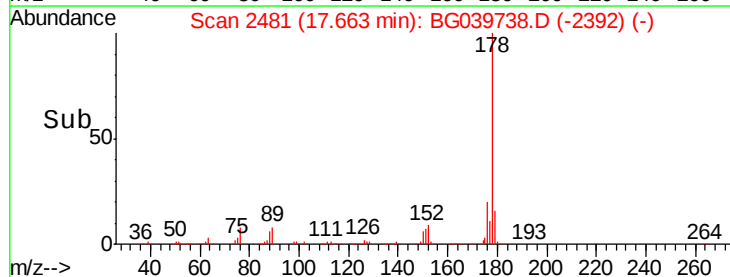
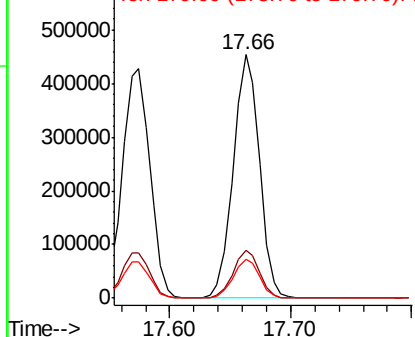


#72
Anthracene
Concen: 40.878 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:178 Resp: 683936
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.1 12.5 18.7



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

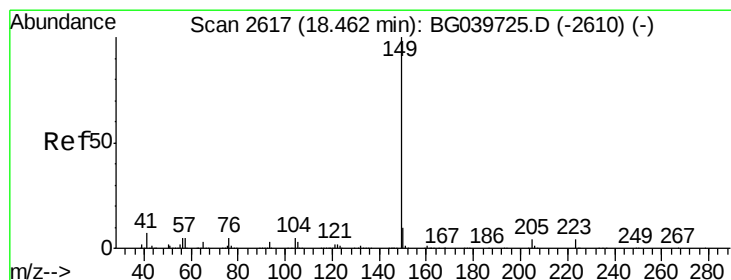
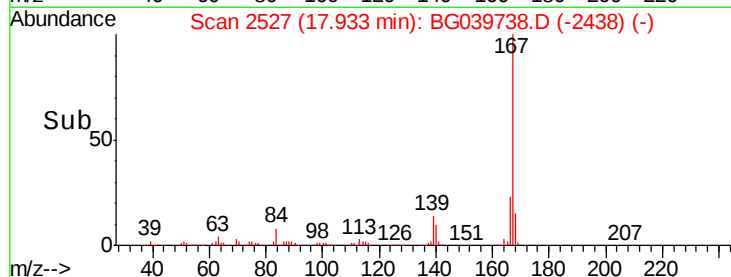
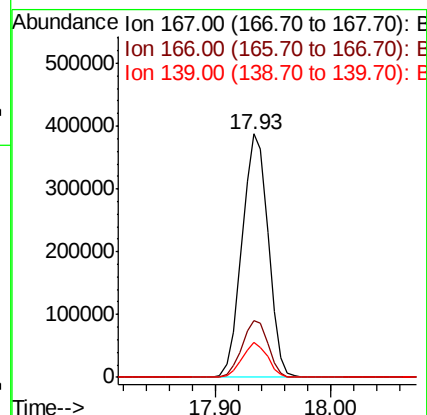
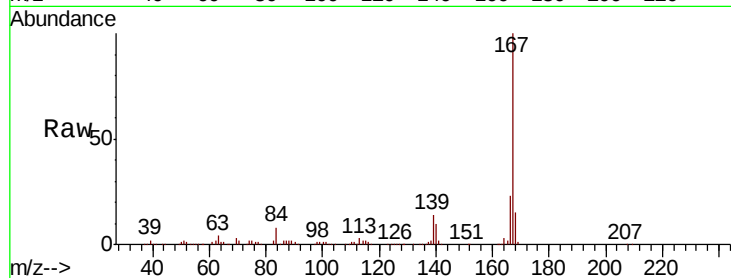




#73
 Carbazole
 Concen: 40.300 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

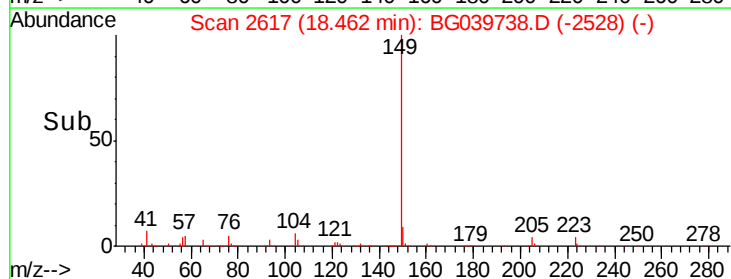
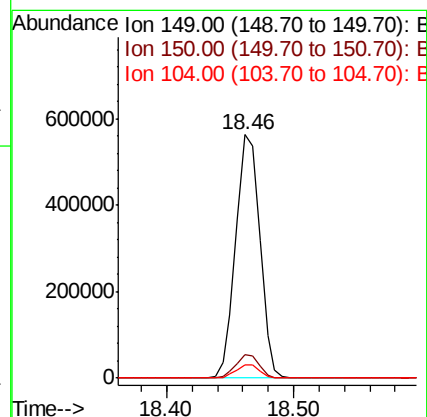
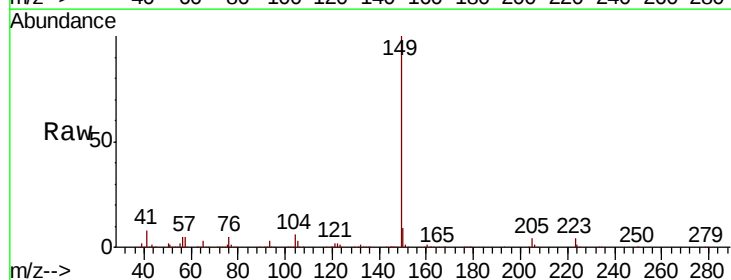
Instrument :
 BNA_G
 ClientSampleId :
 PB117513BS

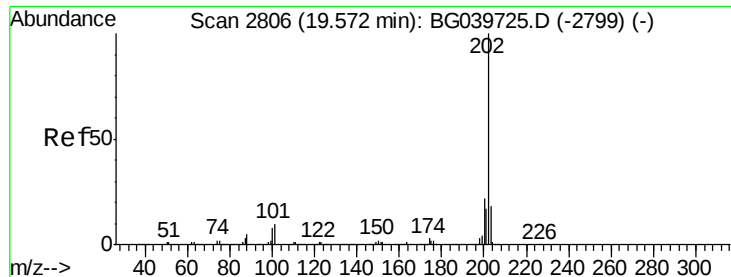
Tgt Ion:167 Resp: 607862
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.4 29.2
 139 14.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.672 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039738.D
 Acq: 4 Mar 2019 19:29

Tgt Ion:149 Resp: 739541
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 40.659 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

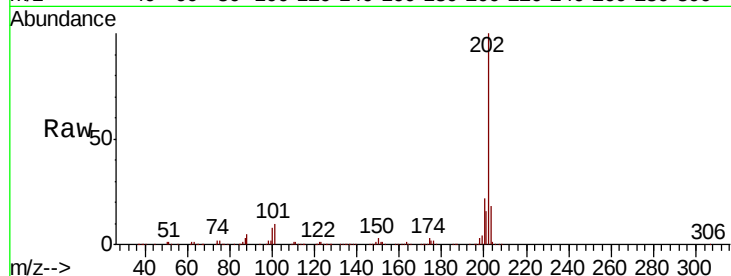
Tgt Ion:202 Resp: 825024

Ion Ratio Lower Upper

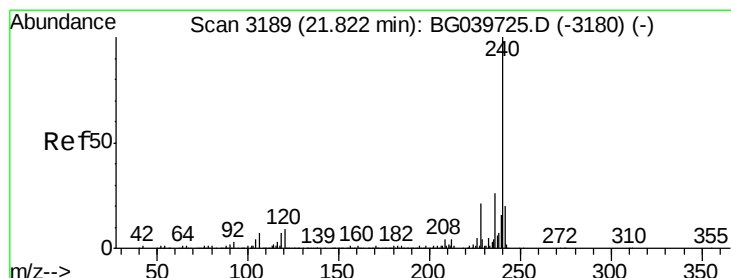
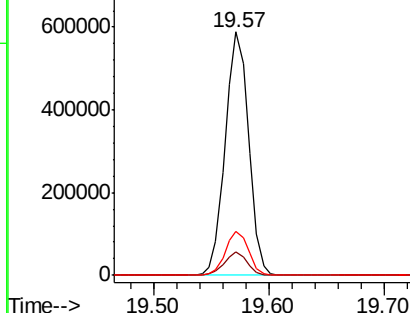
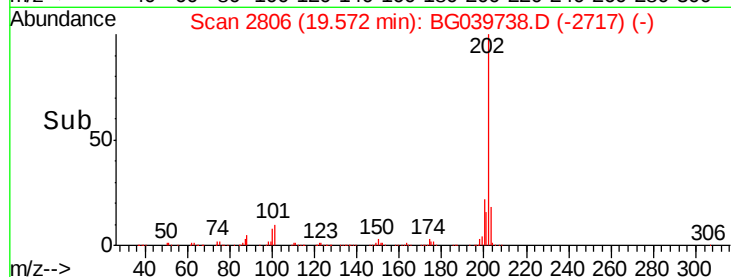
202 100

101 9.7 0.0 30.0

203 17.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
800000
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. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

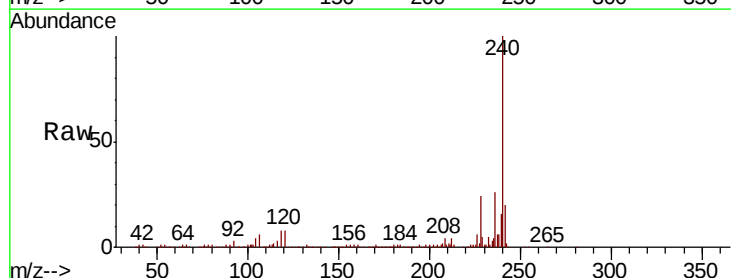
Tgt Ion:240 Resp: 321434

Ion Ratio Lower Upper

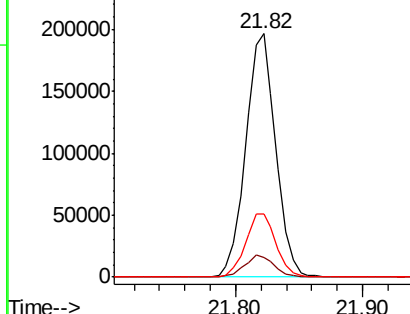
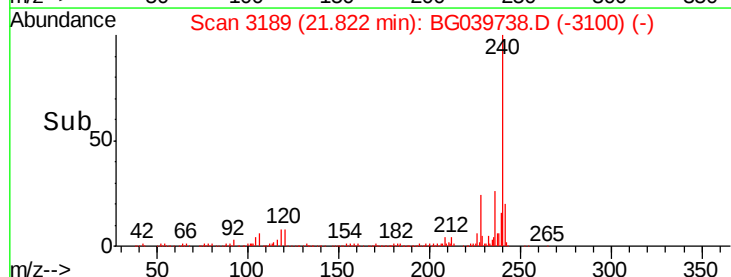
240 100

120 8.1 7.0 10.6

236 26.0 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
250000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.896 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

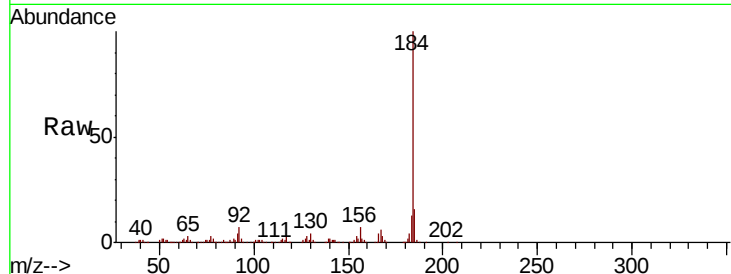
Tgt Ion:184 Resp: 417139

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

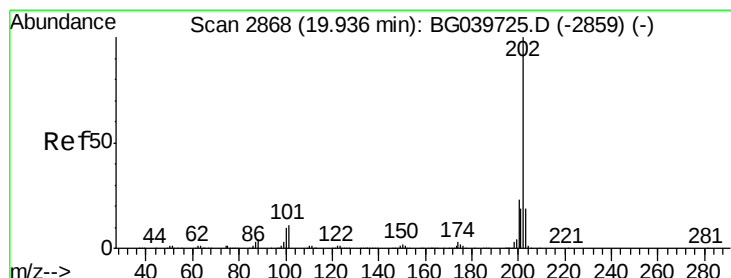
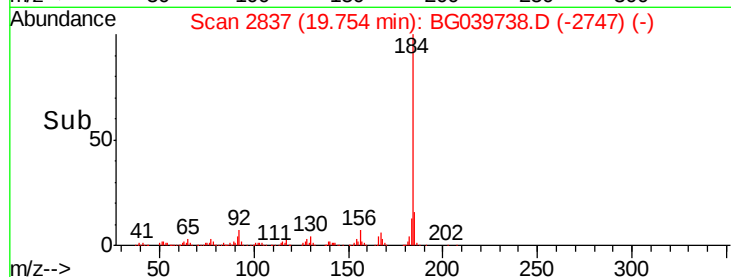
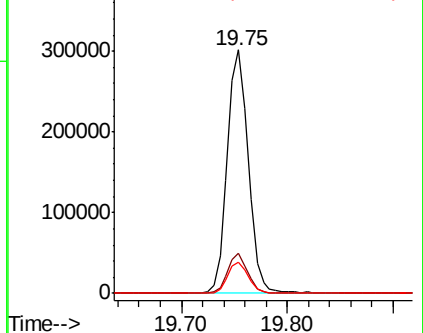
183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.387 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

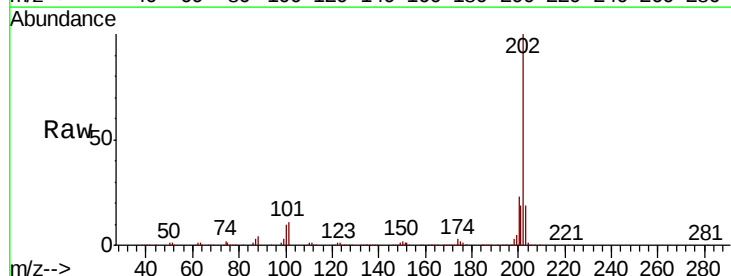
Tgt Ion:202 Resp: 822668

Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.8

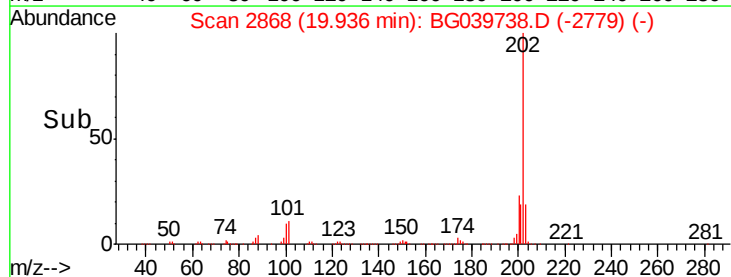
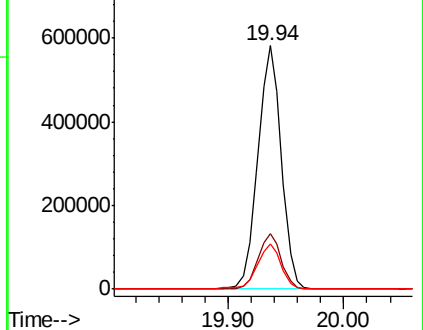
203 18.8 15.3 22.9

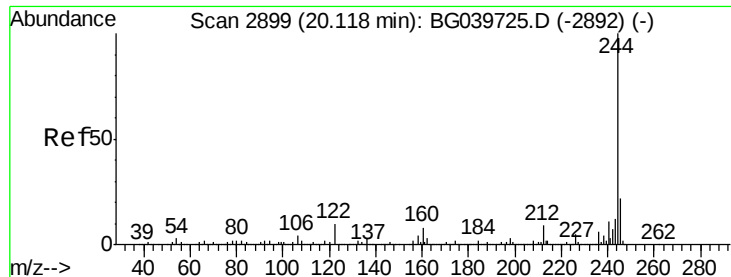


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.696 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampled :

PB117513BS

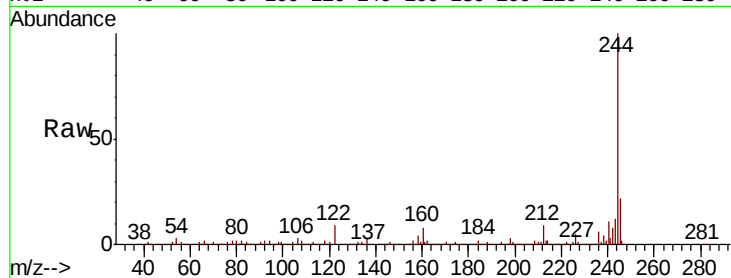
Tgt Ion:244 Resp: 1105056

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

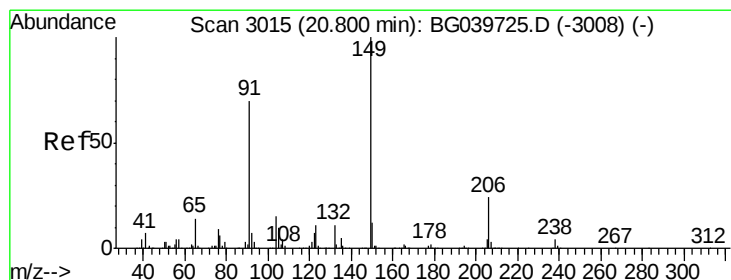
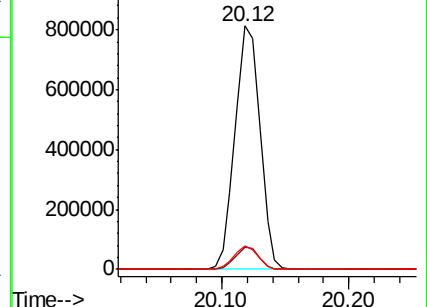
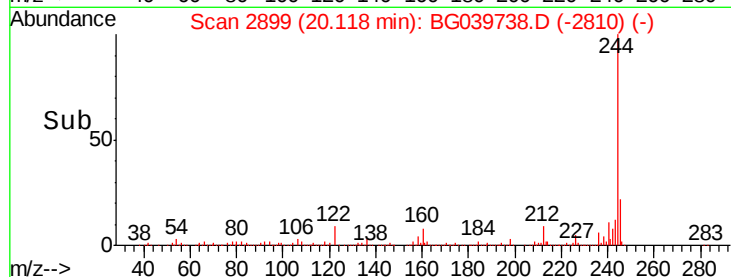
122 9.4 8.4 12.6



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: 42.302 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

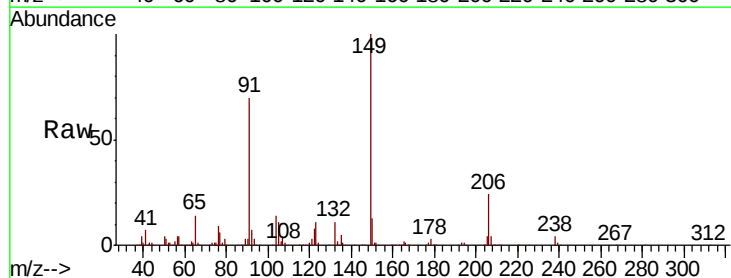
Tgt Ion:149 Resp: 342313

Ion Ratio Lower Upper

149 100

91 70.3 59.5 89.3

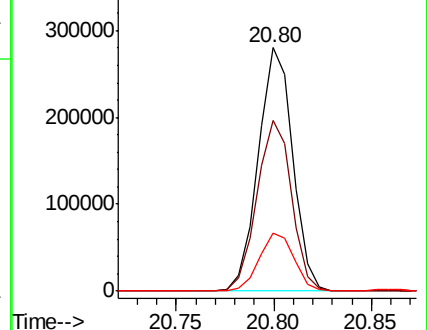
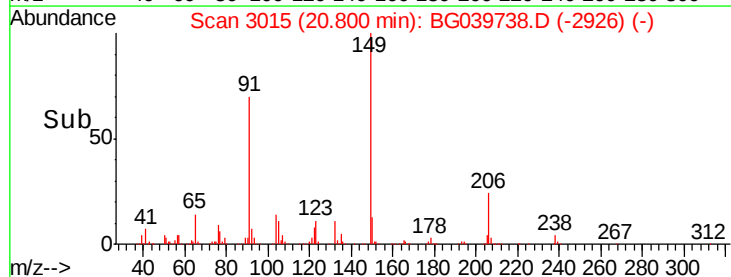
206 24.0 18.6 27.8



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: 38.999 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

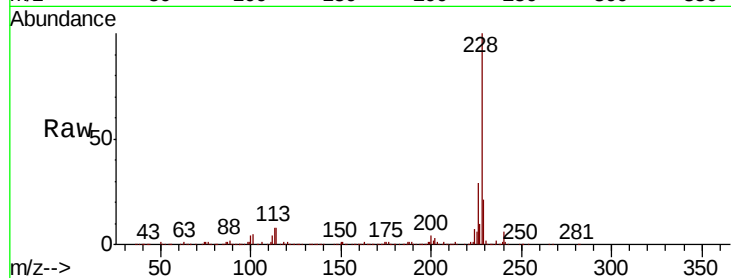
Tgt Ion:228 Resp: 785651

Ion Ratio Lower Upper

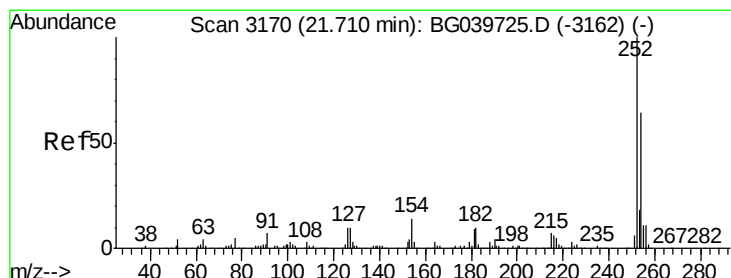
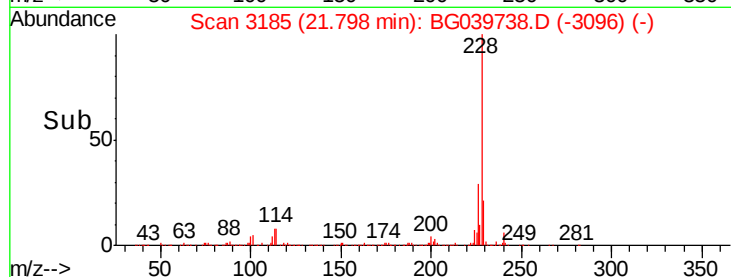
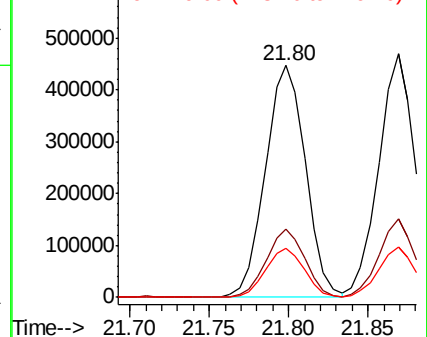
228 100

226 29.2 23.0 34.6

229 21.2 16.9 25.3



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



#82

3,3'-Dichlorobenzidine

Concen: 22.449 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

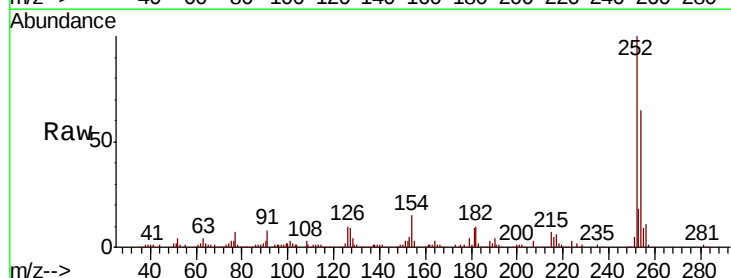
Tgt Ion:252 Resp: 165107

Ion Ratio Lower Upper

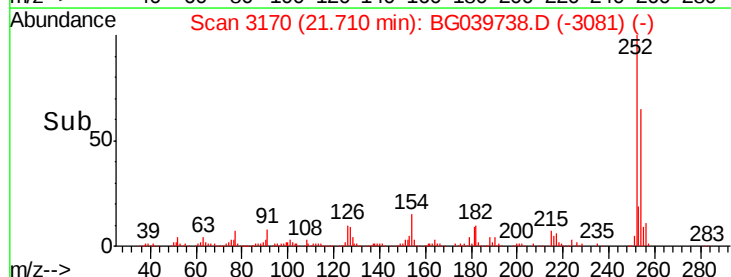
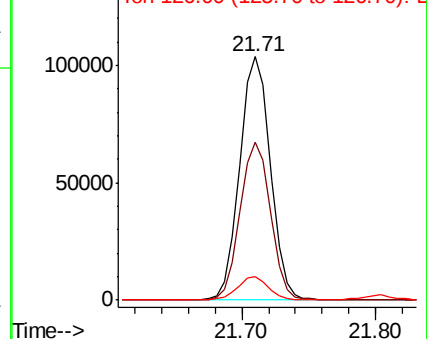
252 100

254 65.1 51.3 76.9

126 9.5 8.0 12.0



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





#83

Chrysene

Concen: 38.502 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

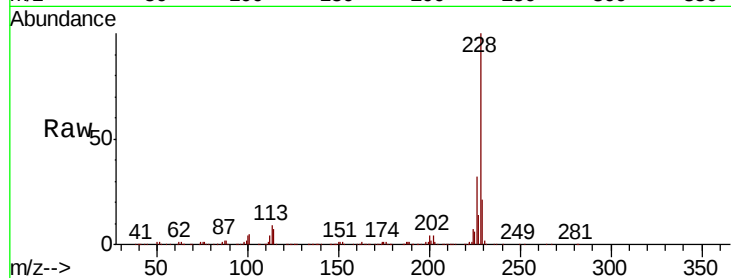
Tgt Ion:228 Resp: 751953

Ion Ratio Lower Upper

228 100

226 32.2 25.8 38.6

229 20.7 16.6 25.0

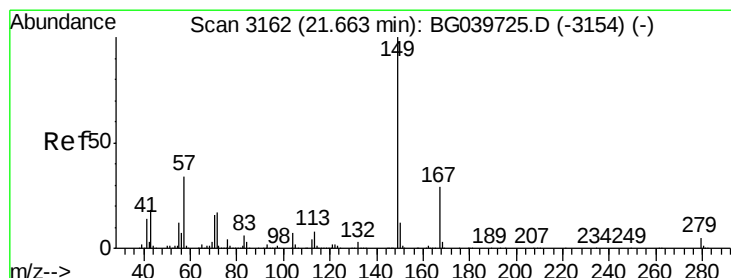
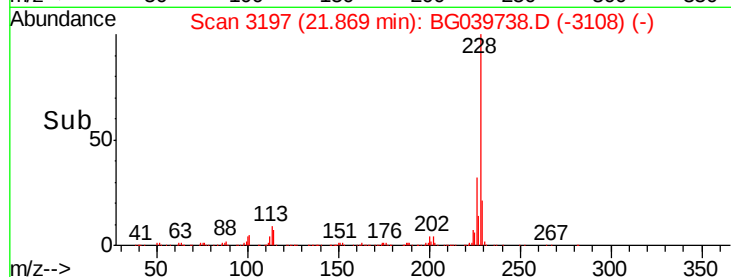
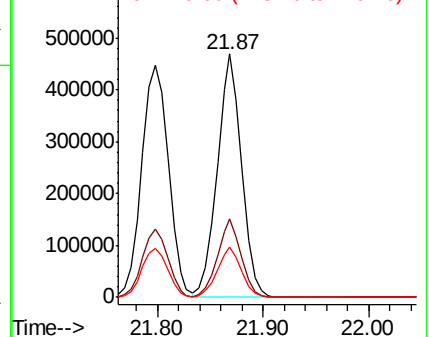


Abundance

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: 41.916 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

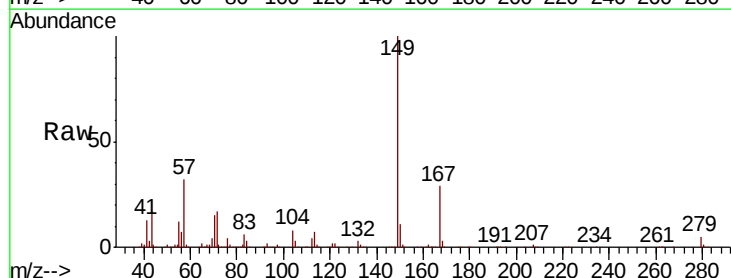
Tgt Ion:149 Resp: 476644

Ion Ratio Lower Upper

149 100

167 28.8 22.6 34.0

279 4.5 3.5 5.3

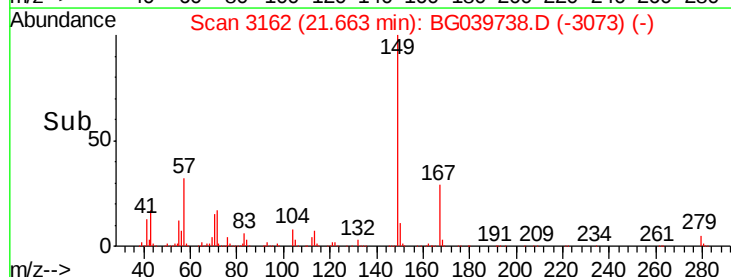
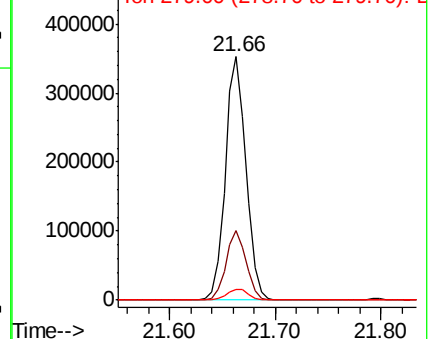


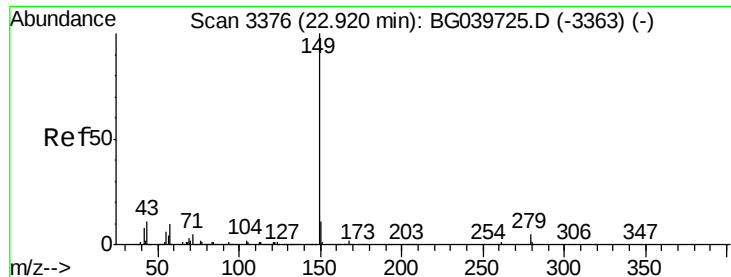
Abundance

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: 43.544 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

Instrument :

BNA_G

ClientSampleId :

PB117513BS

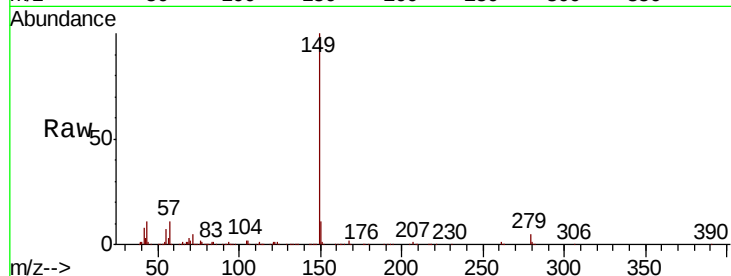
Tgt Ion:149 Resp: 819861

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

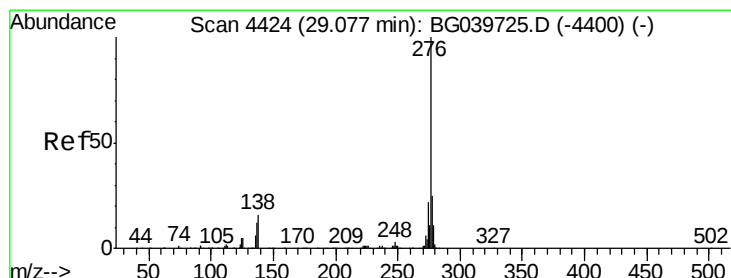
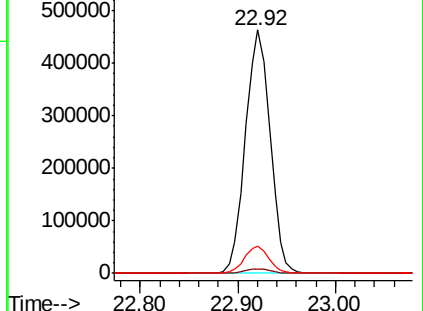
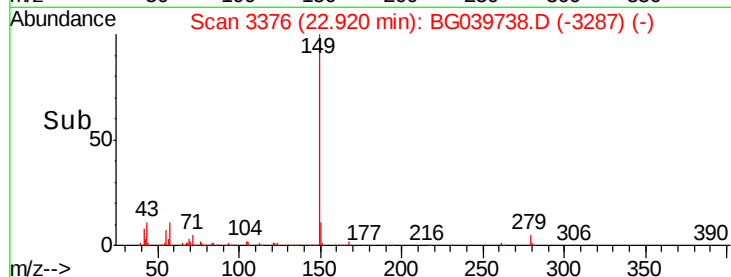
43 10.7 10.2 15.4



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: 41.306 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.02 min

Lab File: BG039738.D

Acq: 4 Mar 2019 19:29

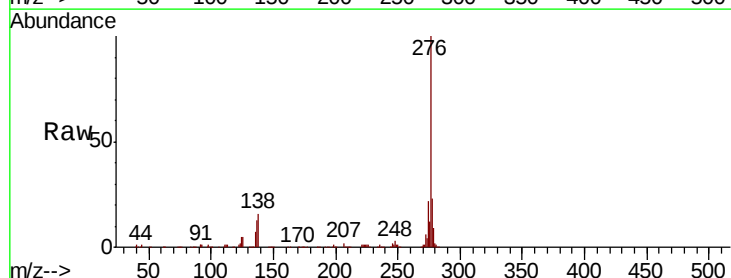
Tgt Ion:276 Resp: 915172

Ion Ratio Lower Upper

276 100

138 14.2 12.6 19.0

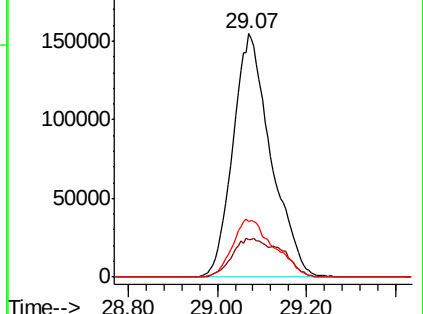
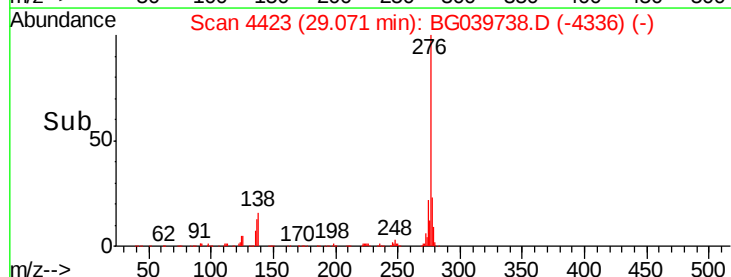
277 25.8 20.8 31.2

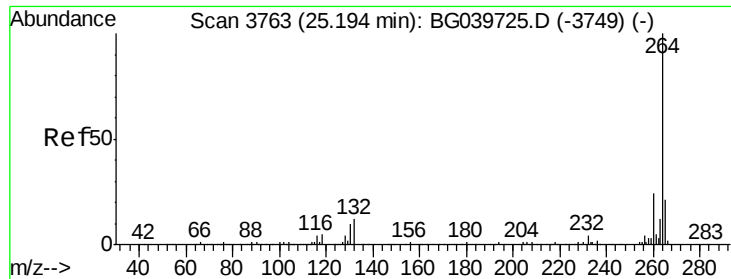


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

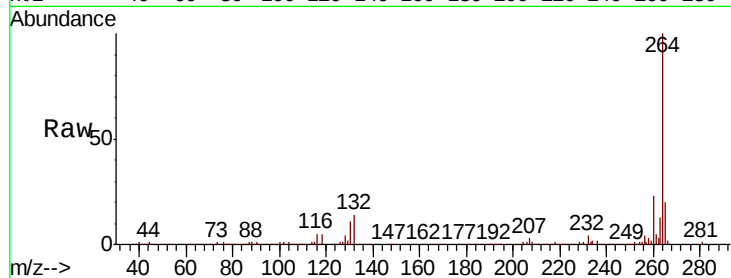




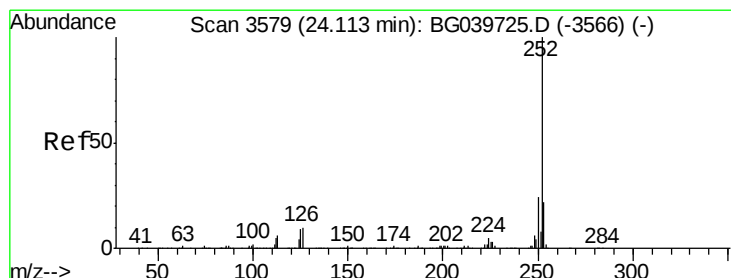
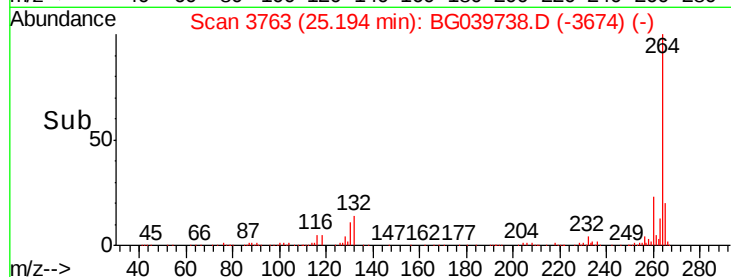
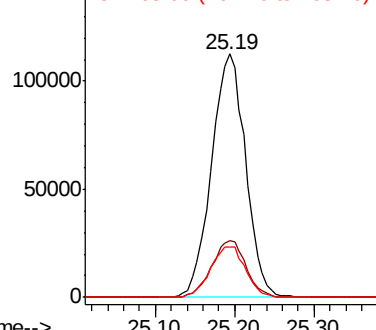
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:	264	Resp:	335965
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	20.4	18.5	27.7

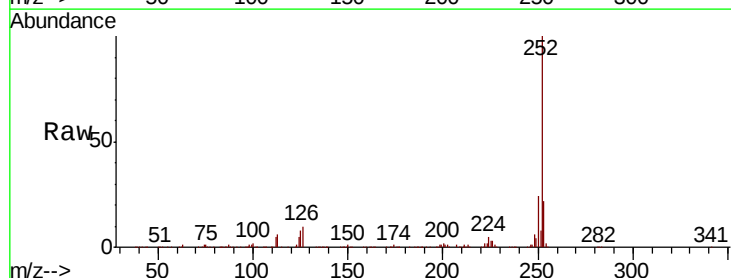


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

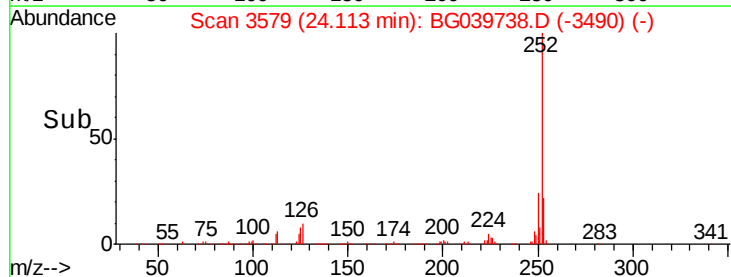
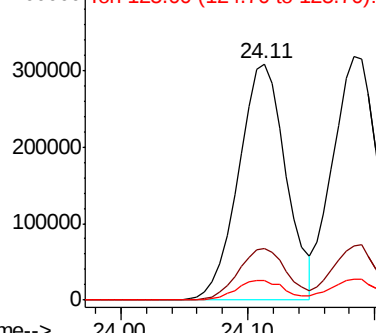


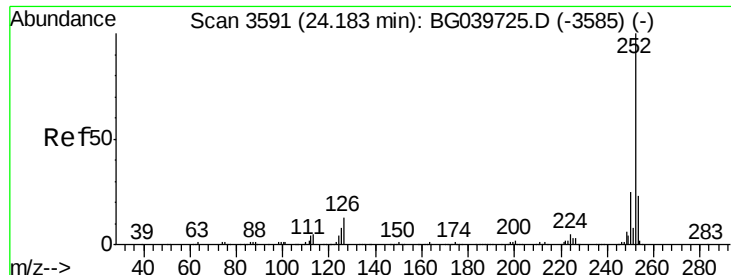
#88
Benzo(b)fluoranthene
Concen: 39.830 ng
RT: 24.11 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:	252	Resp:	797955
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	8.4	7.8	11.6



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

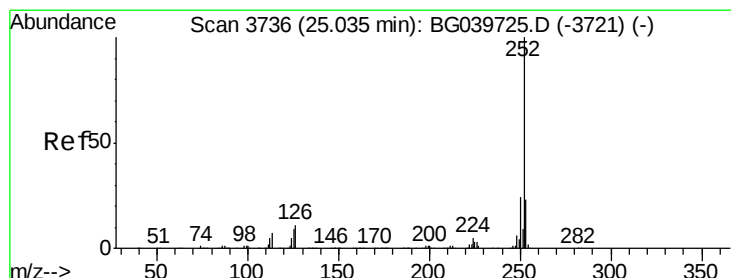
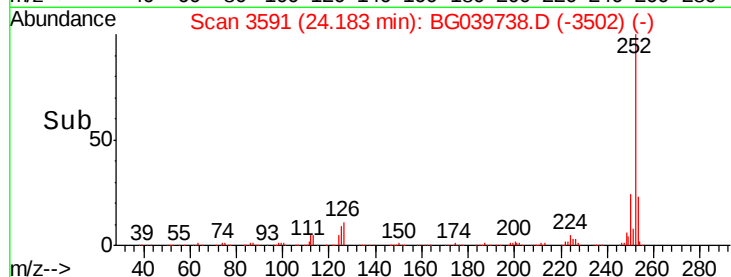
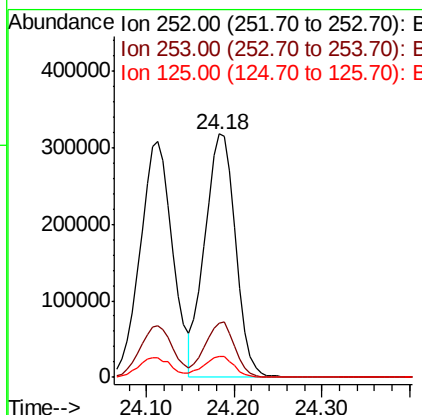
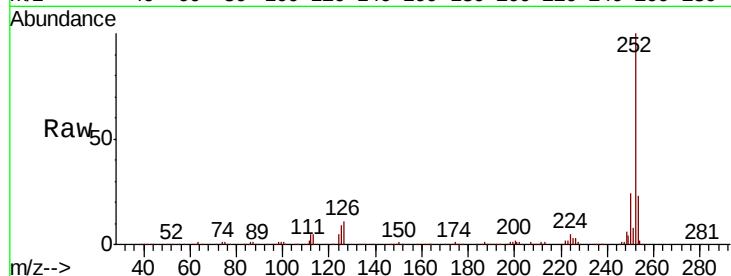




#89
Benzo(k)fluoranthene
Concen: 41.647 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

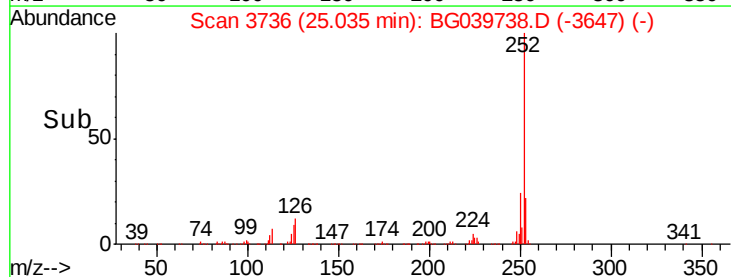
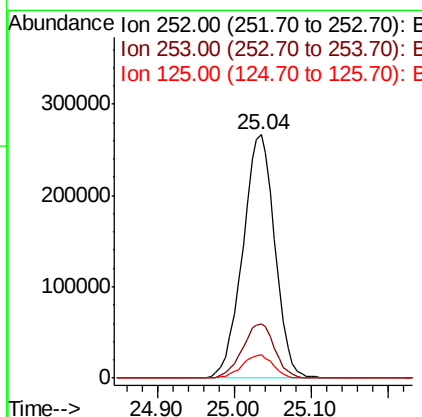
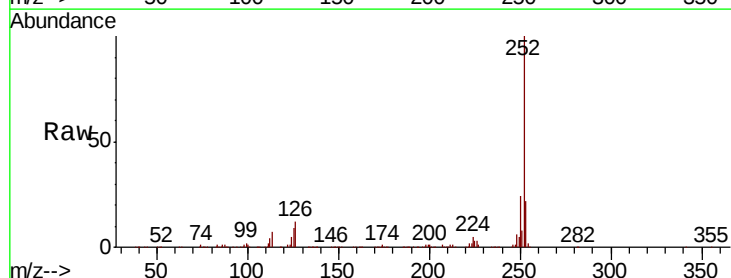
Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion:252 Resp: 776664
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.978 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion:252 Resp: 777124
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.4 8.3 12.5

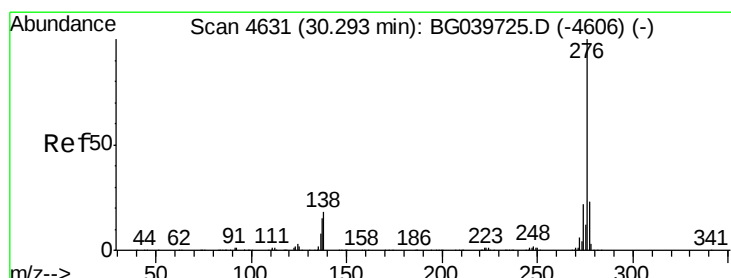
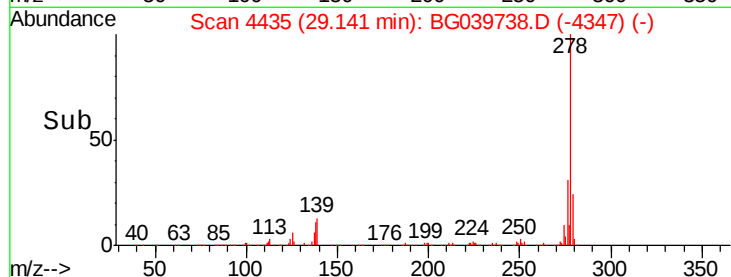
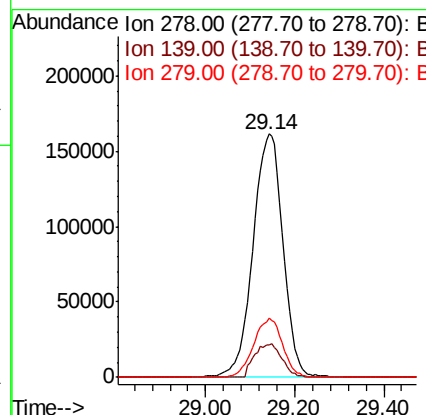
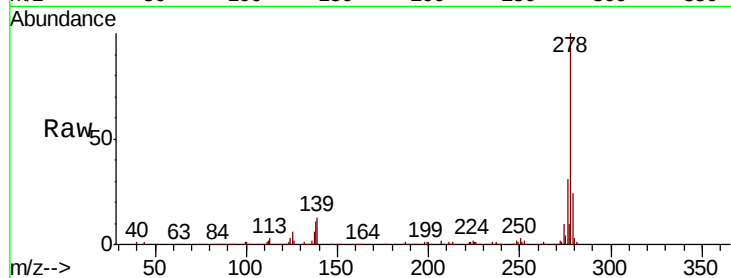




#91
Dibenzo(a,h)anthracene
Concen: 41.071 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Instrument :
BNA_G
ClientSampleId :
PB117513BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.2	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.537 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG039738.D
Acq: 4 Mar 2019 19:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	17.5	14.7	22.1

