

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039733.D
 Acq On : 4 Mar 2019 16:13
 Operator : JU/SJ
 Sample : PB117572BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Quant Time: Mar 05 06:22:48 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	41430	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	181941	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	126106	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	317403	20.00	ng	0.00
76) Chrysene-d12	21.82	240	330262	20.00	ng	0.00
87) Perylene-d12	25.19	264	338265	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	352841	145.29	ng	0.00
7) Phenol-d6	7.31	99	497021	137.26	ng	0.00
23) Nitrobenzene-d5	9.33	82	257148	76.44	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	203558	138.49	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	654180	73.86	ng	-0.01
79) Terphenyl-d14	20.12	244	1123958	74.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	43369	38.682	ng	94
3) Pyridine	3.99	79	110004	36.649	ng	98
4) n-Nitrosodimethylamine	3.91	42	56036	39.353	ng	86
6) Aniline	7.48	93	144939	30.552	ng	98
8) 2-Chlorophenol	7.72	128	123271	41.841	ng	98
9) Benzaldehyde	7.30	77	79625	34.089	ng	99
10) Phenol	7.33	94	170998	43.592	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	115506	37.767	ng	98
12) 1,3-Dichlorobenzene	8.05	146	125011	37.517	ng	97
13) 1,4-Dichlorobenzene	8.19	146	129736	38.225	ng	99
14) 1,2-Dichlorobenzene	8.51	146	122714	37.421	ng	99
15) Benzyl Alcohol	8.40	79	117016	40.739	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	224503	36.702	ng	96
17) 2-Methylphenol	8.59	107	109255	43.680	ng	96
18) Hexachloroethane	9.24	117	45270	37.173	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	96451	37.007	ng	89
20) 3+4-Methylphenols	8.92	107	152015	43.748	ng	97
22) Acetophenone	8.99	105	179766	36.813	ng	# 93
24) Nitrobenzene	9.38	77	138831	39.339	ng	97
25) Isophorone	9.89	82	273198	38.758	ng	98
26) 2-Nitrophenol	10.08	139	69432	40.748	ng	95
27) 2,4-Dimethylphenol	10.13	122	130886	49.390	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	167133	39.018	ng	99
29) 2,4-Dichlorophenol	10.62	162	137487	46.080	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	130682	38.923	ng	98
31) Naphthalene	11.03	128	379830	39.430	ng	99
32) Benzoic acid	10.26	122	69615	39.598	ng	92
33) 4-Chloroaniline	11.14	127	94899	23.232	ng	95
34) Hexachlorobutadiene	11.29	225	84707	36.921	ng	93
35) Caprolactam	11.92	113	24044	21.096	ng	96
36) 4-Chloro-3-methylphenol	12.24	107	146241	42.757	ng	95
37) 2-Methylnaphthalene	12.62	142	293226	40.715	ng	96
38) 1-Methylnaphthalene	12.84	142	278197	39.749	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	161921	37.902	ng	100

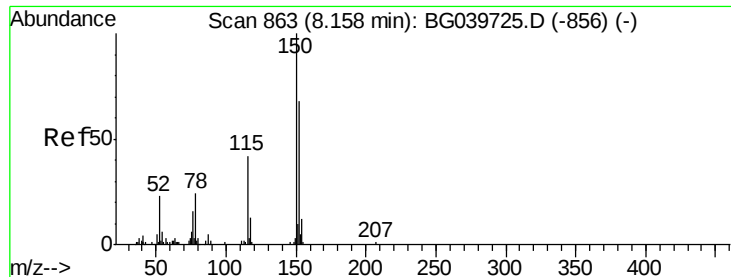
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
 Data File : BG039733.D
 Acq On : 4 Mar 2019 16:13
 Operator : JU/SJ
 Sample : PB117572BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Quant Time: Mar 05 06:22:48 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)
41) Hexachlorocyclopentadiene	12.95	237	222350	97.119	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	111751	44.680	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	125317	44.451	ng	98
46) 1,1'-Biphenyl	13.62	154	400476	38.611	ng	99
47) 2-Chloronaphthalene	13.67	162	308223	39.502	ng	98
48) 2-Nitroaniline	13.87	65	106000	42.272	ng	96
49) Acenaphthylene	14.51	152	499043	38.960	ng	99
50) Dimethylphthalate	14.23	163	422876	40.103	ng	99
51) 2,6-Dinitrotoluene	14.36	165	94536	42.289	ng	93
52) Acenaphthene	14.85	154	306141	39.710	ng	100
53) 3-Nitroaniline	14.70	138	60670	26.999	ng	# 97
54) 2,4-Dinitrophenol	14.90	184	114836	81.362	ng	99
55) Dibenzofuran	15.18	168	496089	39.220	ng	99
56) 4-Nitrophenol	14.99	139	166228	82.692	ng	# 86
57) 2,4-Dinitrotoluene	15.14	165	129808	41.326	ng	88
58) Fluorene	15.83	166	399346	40.161	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	123740	44.942	ng	97
60) Diethylphthalate	15.58	149	431830	41.368	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	211223	39.807	ng	96
62) 4-Nitroaniline	15.86	138	98242	40.327	ng	96
63) Azobenzene	16.11	77	382322	40.404	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	78219	41.679	ng	97
66) n-Nitrosodiphenylamine	16.03	169	370661	40.338	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	140572	39.566	ng	94
68) Hexachlorobenzene	16.82	284	142945	38.815	ng	93
69) Atrazine	16.97	200	146967	40.639	ng	96
70) Pentachlorophenol	17.17	266	188178	80.908	ng	97
71) Phenanthrene	17.57	178	680317	38.913	ng	99
72) Anthracene	17.66	178	698132	40.978	ng	99
73) Carbazole	17.93	167	613480	39.943	ng	99
74) Di-n-butylphthalate	18.46	149	750770	41.546	ng	100
75) Fluoranthene	19.57	202	831747	40.255	ng	99
77) Benzidine	19.75	184	458746	43.773	ng	97
78) Pyrene	19.94	202	833094	38.820	ng	99
80) Butylbenzylphthalate	20.80	149	349167	41.995	ng	96
81) Benzo(a)anthracene	21.80	228	794794	38.399	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	172518	22.829	ng	100
83) Chrysene	21.87	228	765612	38.154	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	482324	41.282	ng	100
85) Di-n-octyl phthalate	22.92	149	816671	42.215	ng	95
86) Indeno(1,2,3-cd)pyrene	29.08	276	914873	40.188	ng	97
88) Benzo(b)fluoranthene	24.11	252	795499	39.437	ng	99
89) Benzo(k)fluoranthene	24.19	252	771217	41.073	ng	98
90) Benzo(a)pyrene	25.04	252	781248	41.914	ng	98
91) Dibenzo(a,h)anthracene	29.14	278	735267	40.237	ng	97
92) Benzo(g,h,i)perylene	30.30	276	750176	40.876	ng	99

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

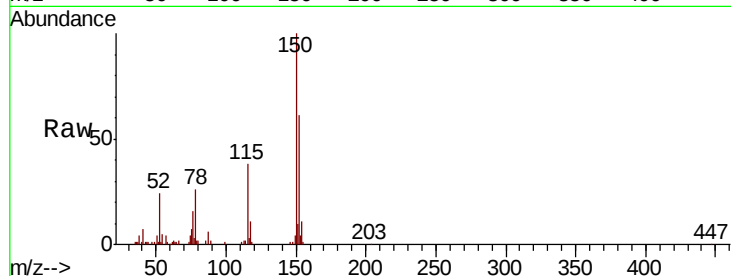


#1

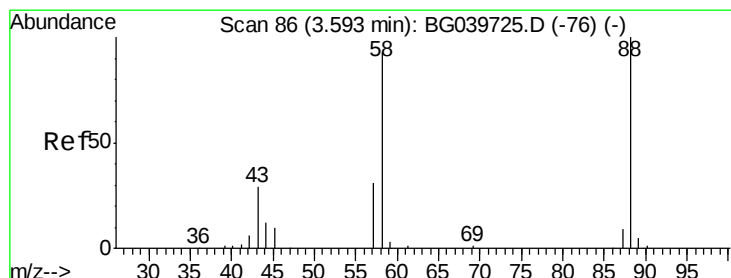
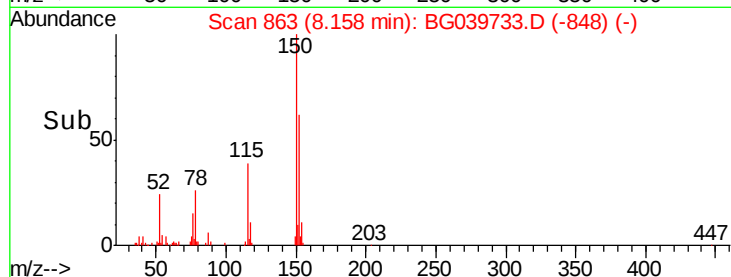
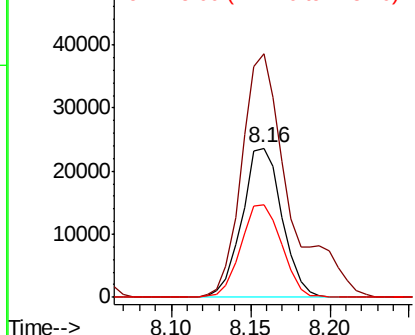
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:152 Resp: 41430
Ion Ratio Lower Upper
152 100
150 162.8 123.7 185.5
115 62.1 45.9 68.9



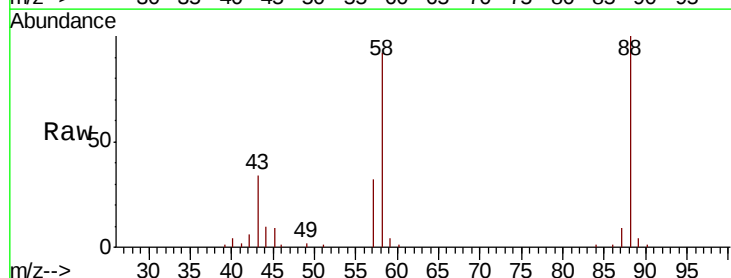
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



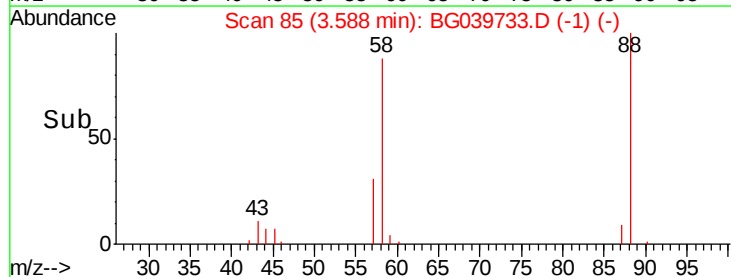
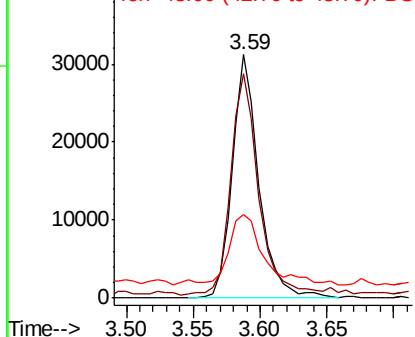
#2

1,4-Dioxane
Concen: 38.682 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion: 88 Resp: 43369
Ion Ratio Lower Upper
88 100
58 94.5 81.1 121.7
43 37.7 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: 36.649 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

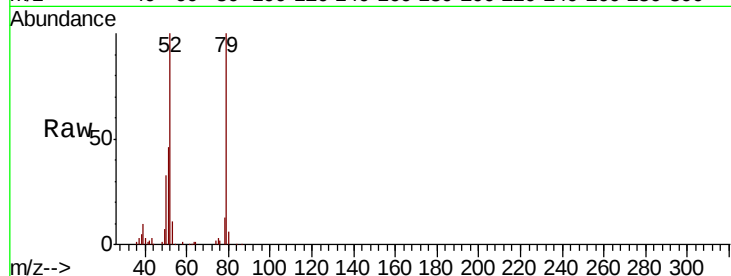
Tgt Ion: 79 Resp: 110004

Ion Ratio Lower Upper

79 100

52 100.2 82.6 124.0

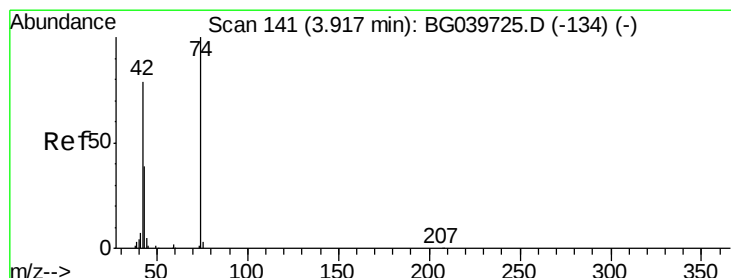
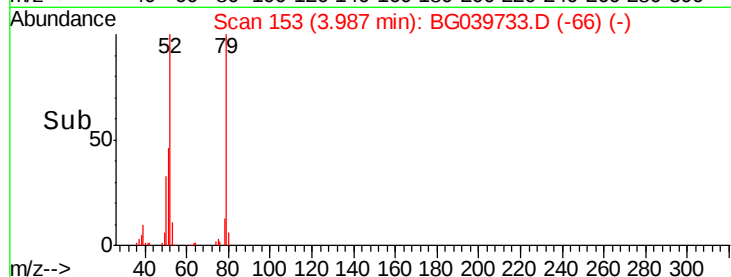
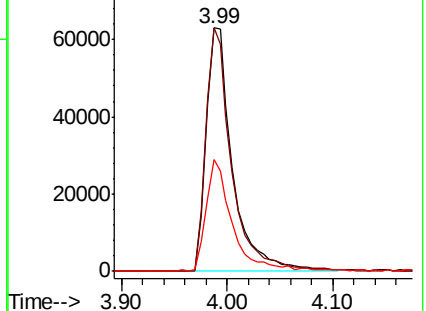
51 46.2 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.353 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

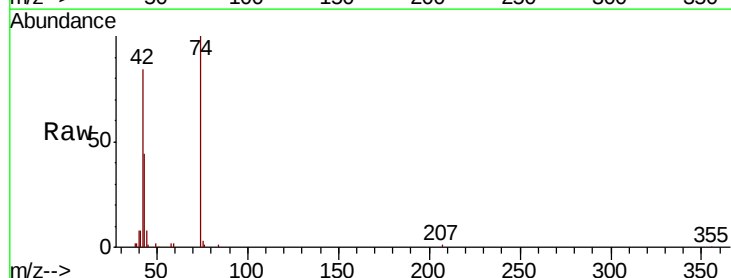
Tgt Ion: 42 Resp: 56036

Ion Ratio Lower Upper

42 100

74 119.5 83.6 125.4

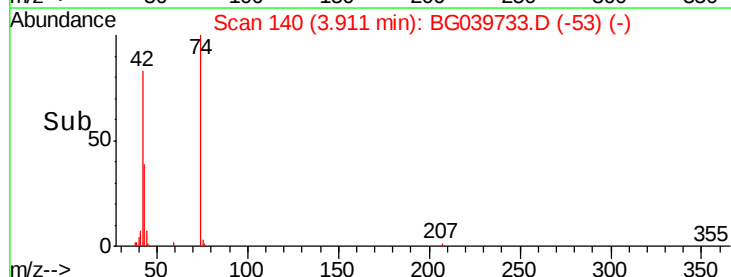
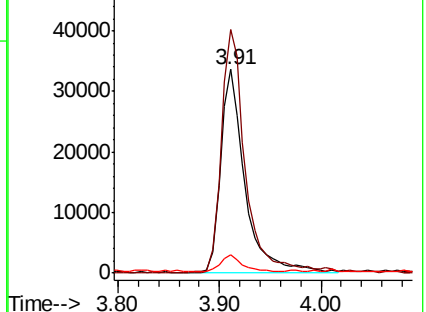
44 9.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 145.293 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

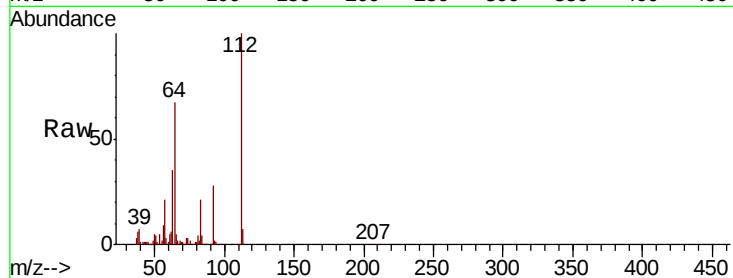
Tgt Ion:112 Resp: 352841

Ion Ratio Lower Upper

112 100

64 66.9 57.8 86.8

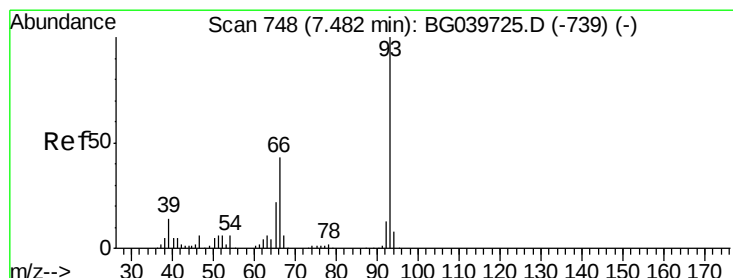
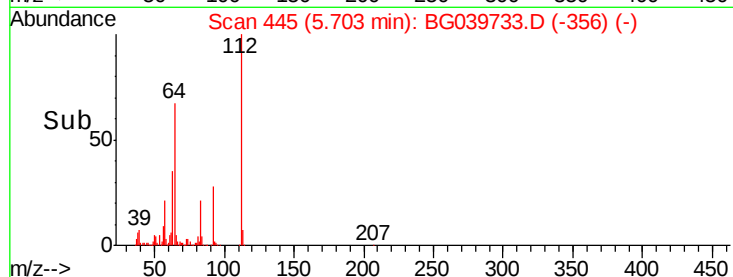
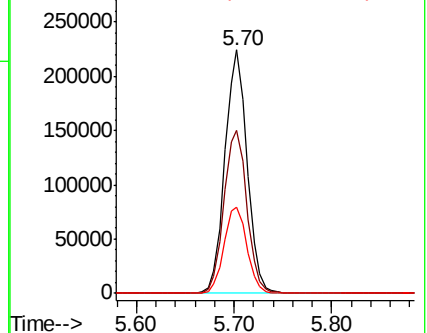
63 35.2 29.8 44.6



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: 30.552 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

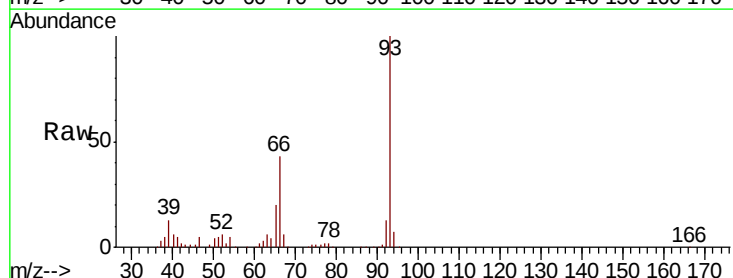
Tgt Ion: 93 Resp: 144939

Ion Ratio Lower Upper

93 100

66 43.2 34.2 51.4

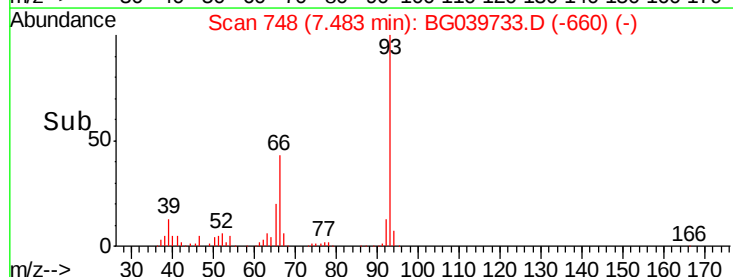
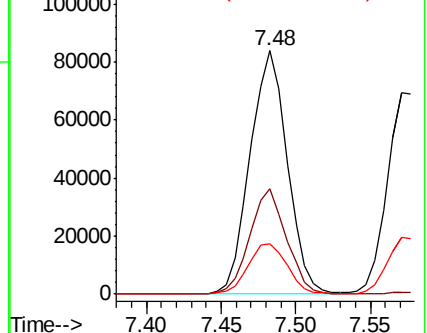
65 20.4 17.7 26.5



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: 137.261 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

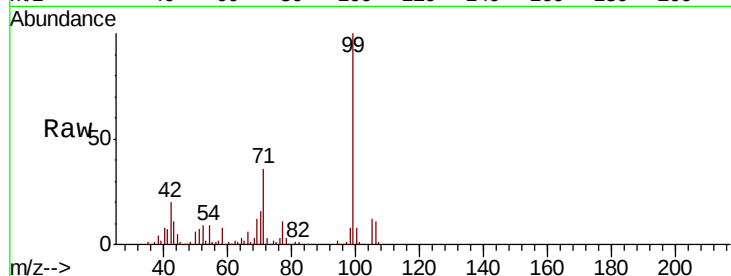
Tgt Ion: 99 Resp: 497021

Ion Ratio Lower Upper

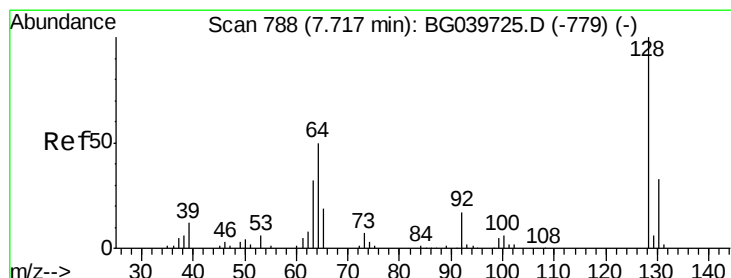
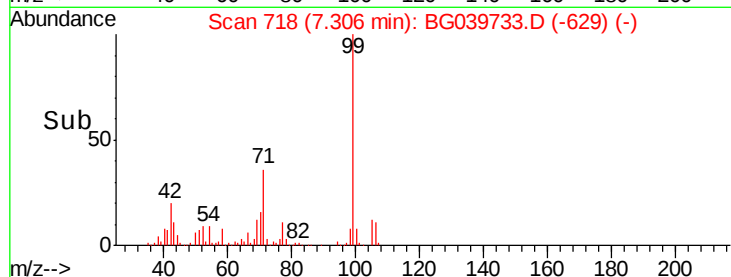
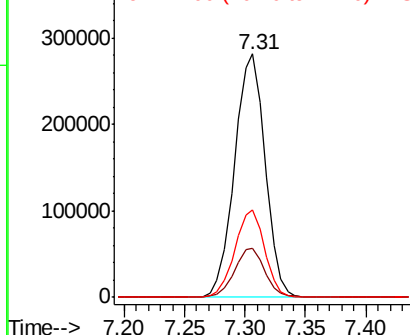
99 100

42 20.1 18.2 27.2

71 35.7 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: 41.841 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

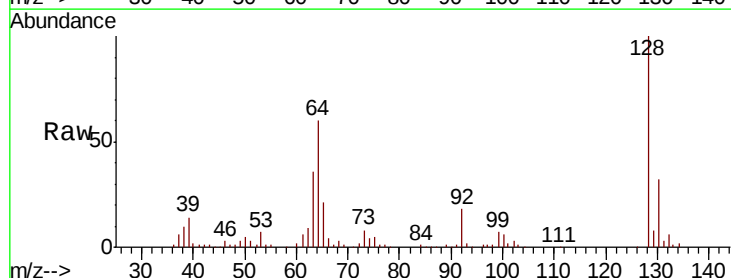
Tgt Ion: 128 Resp: 123271

Ion Ratio Lower Upper

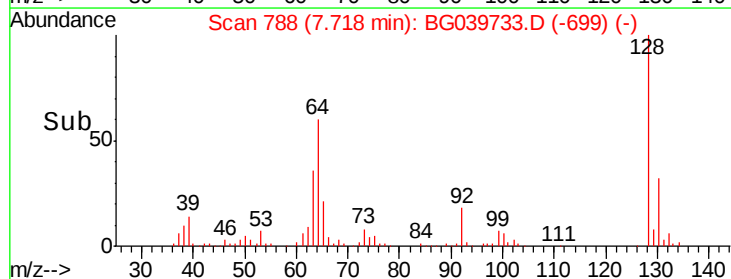
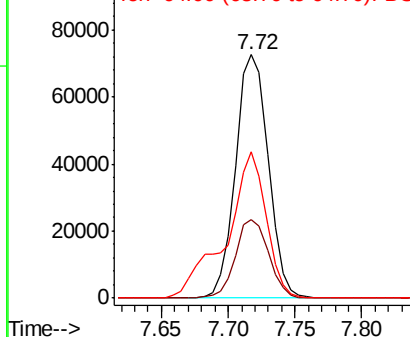
128 100

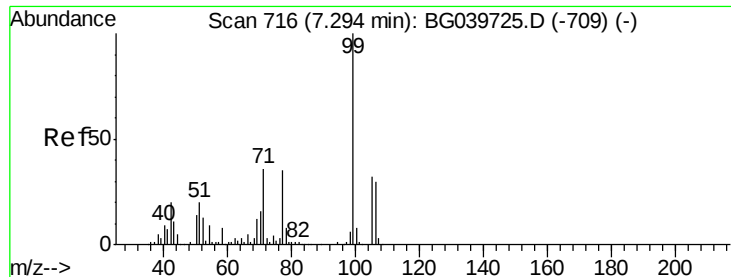
130 32.3 12.9 52.9

64 60.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 34.089 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

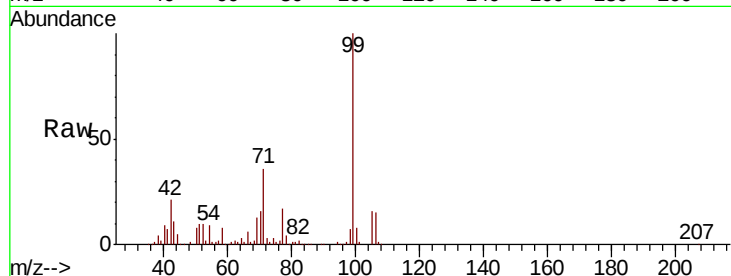
Tgt Ion: 77 Resp: 79625

Ion Ratio Lower Upper

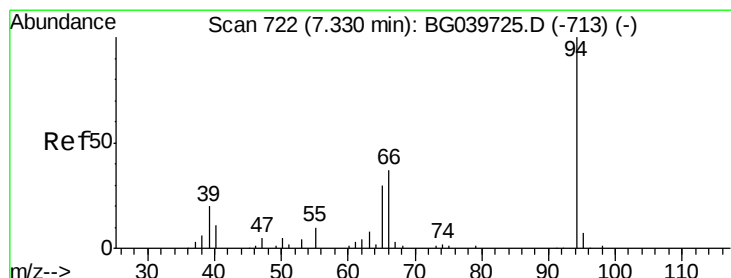
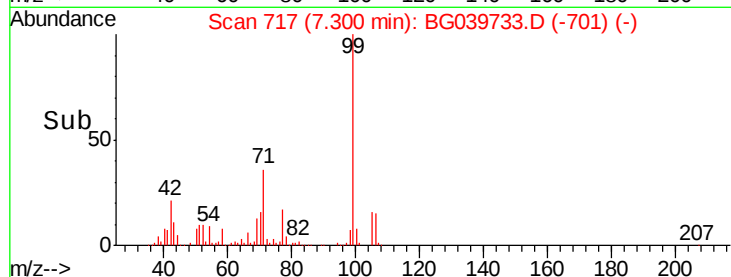
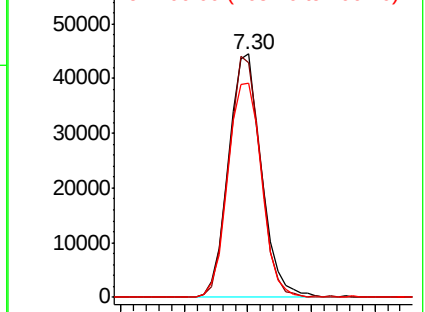
77 100

105 96.3 74.5 114.5

106 87.9 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: 43.592 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

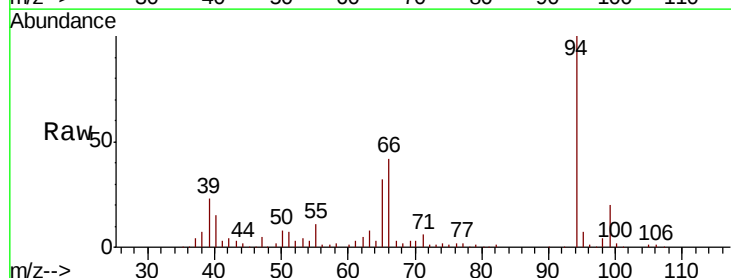
Tgt Ion: 94 Resp: 170998

Ion Ratio Lower Upper

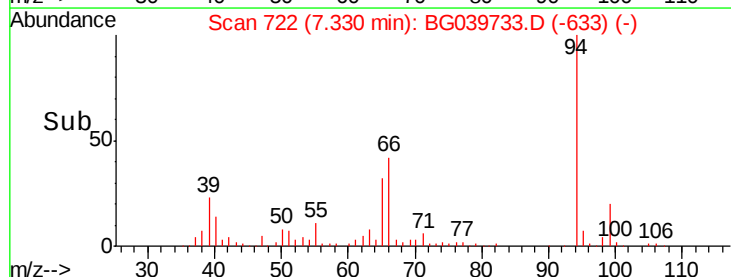
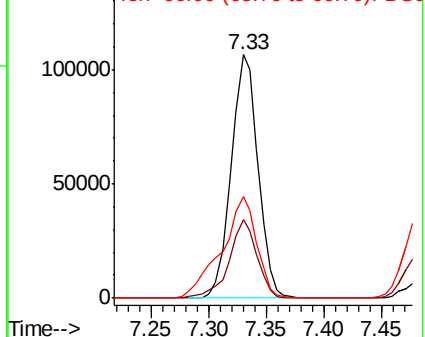
94 100

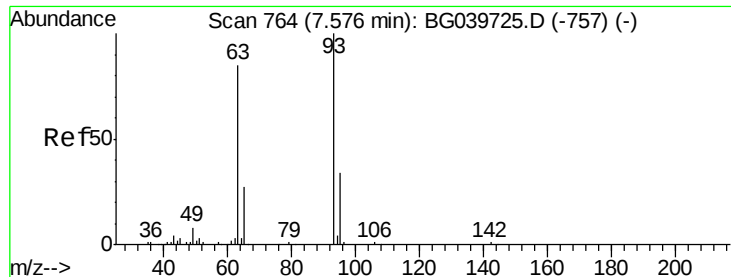
65 32.3 11.7 51.7

66 41.5 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

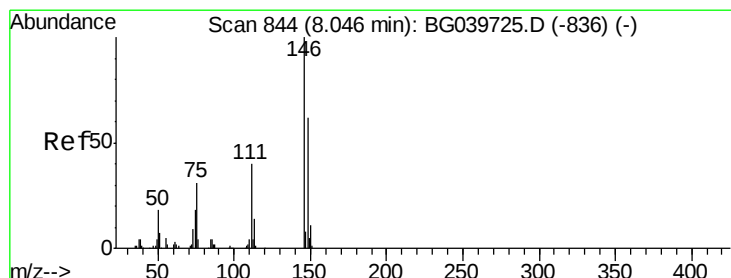
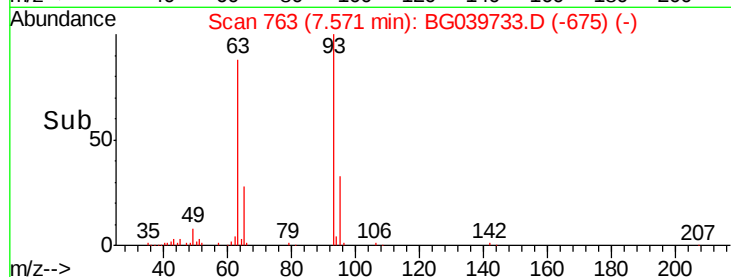
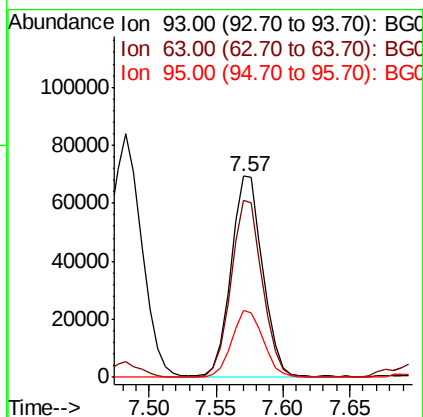
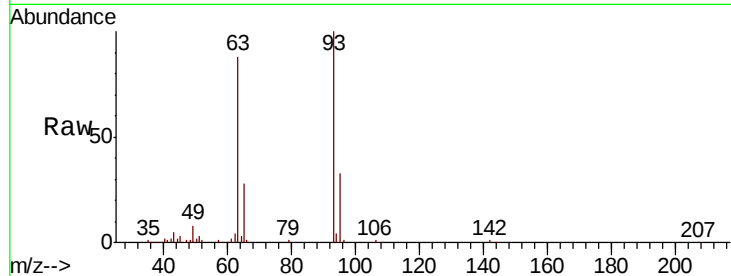




#11
 bis(2-Chloroethyl)ether
 Concen: 37.767 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

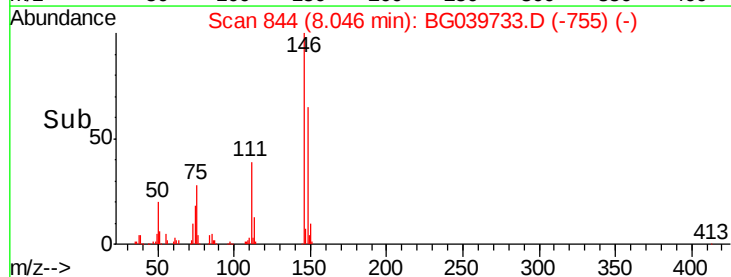
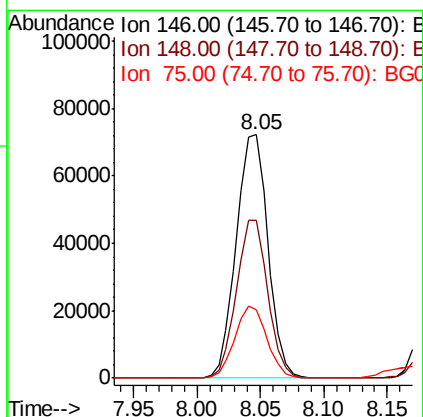
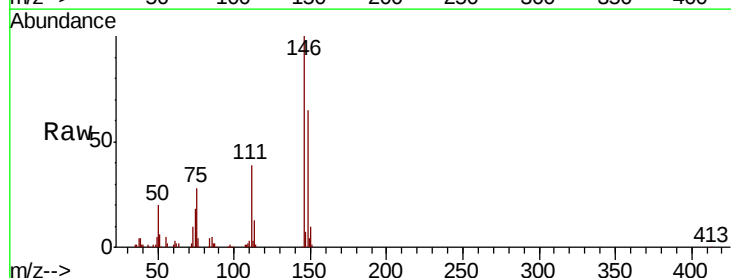
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

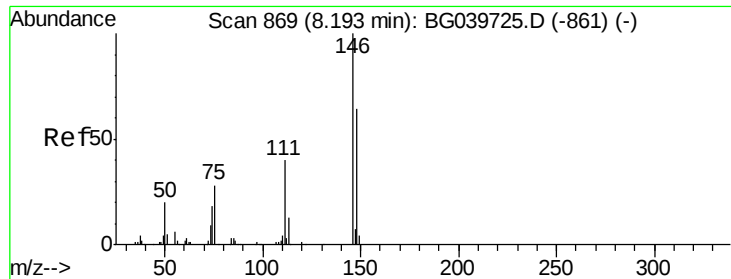
Tgt Ion: 93 Resp: 115506
 Ion Ratio Lower Upper
 93 100
 63 87.9 69.5 109.5
 95 33.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 37.517 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion: 146 Resp: 125011
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.6 79.0
 75 28.2 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.225 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

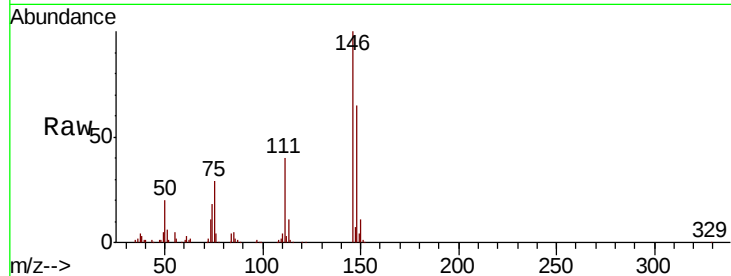
Tgt Ion:146 Resp: 129736

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

111 40.0 32.6 48.8

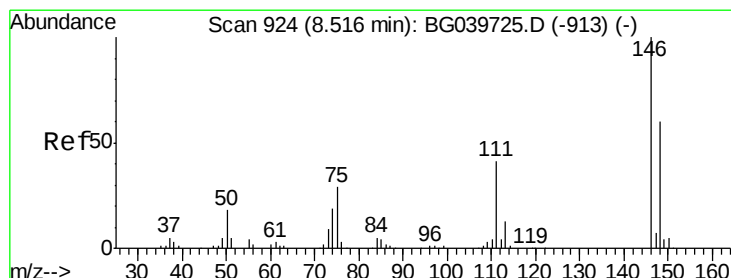
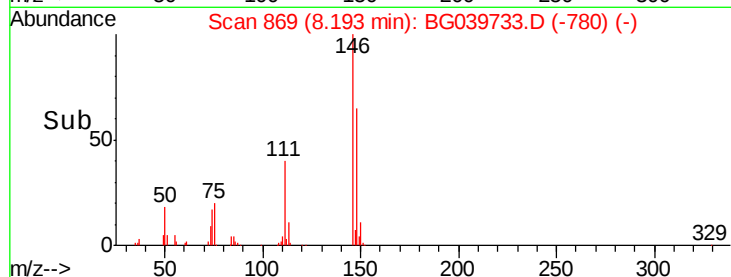
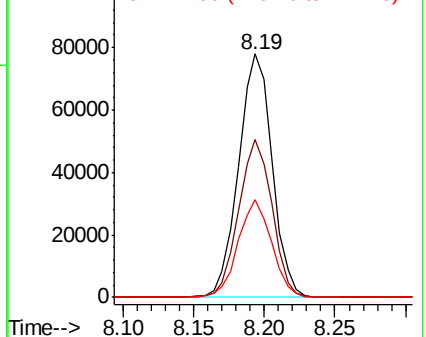


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.421 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

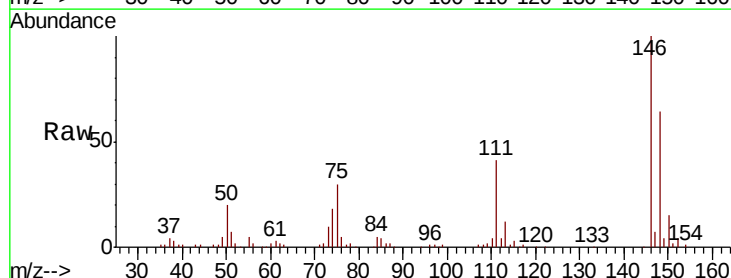
Tgt Ion:146 Resp: 122714

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

111 40.6 33.8 50.6

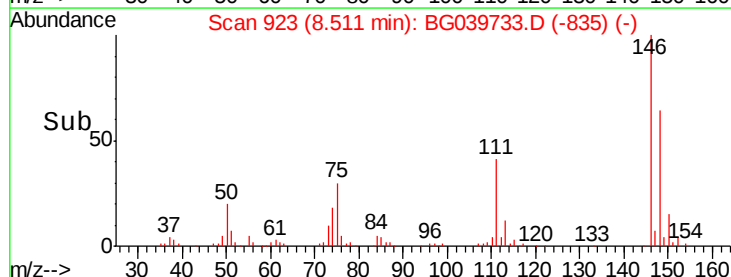
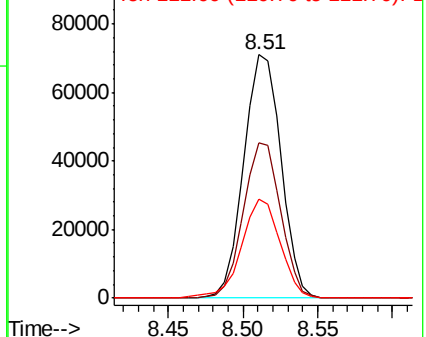


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.739 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

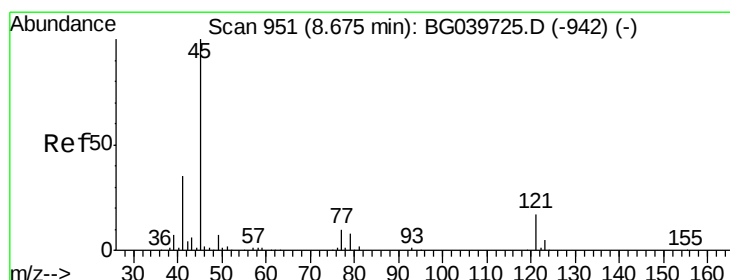
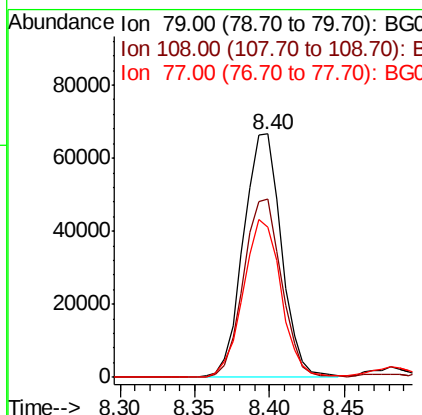
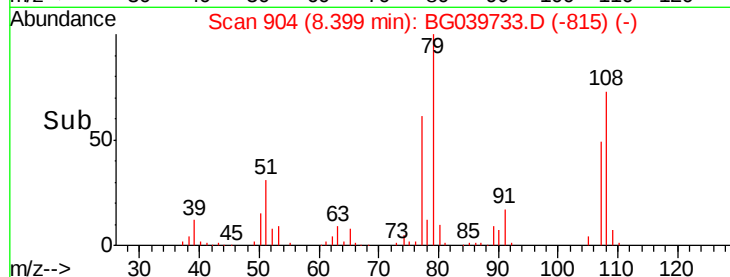
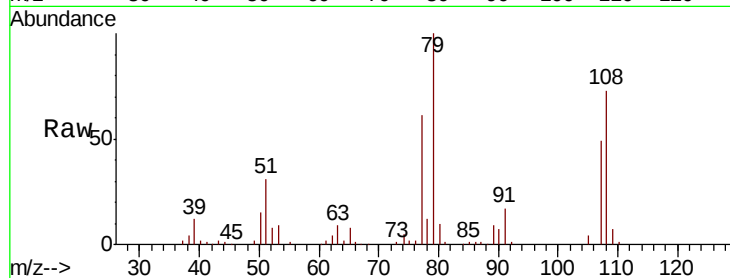
Tgt Ion: 79 Resp: 117016

Ion Ratio Lower Upper

79 100

108 73.3 57.8 86.6

77 61.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.702 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

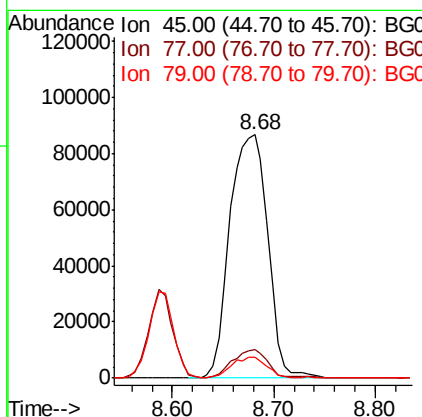
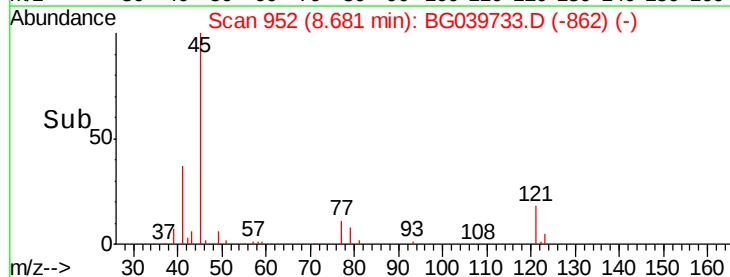
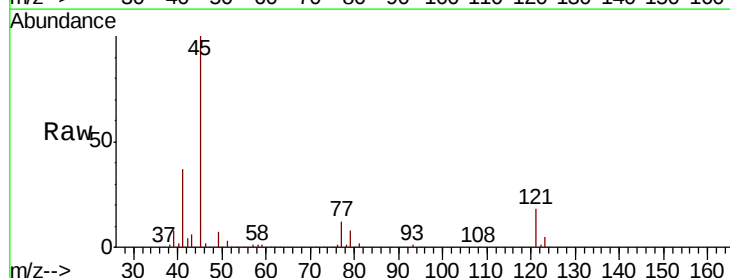
Tgt Ion: 45 Resp: 224503

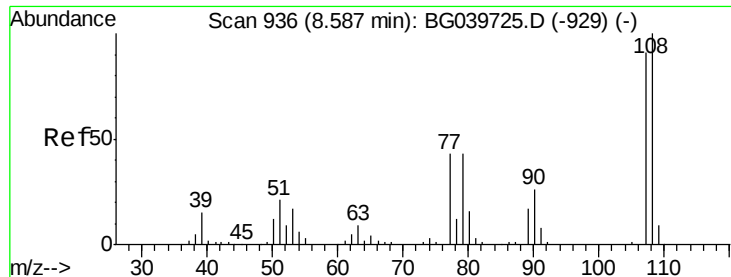
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.0

79 8.5 0.0 27.5

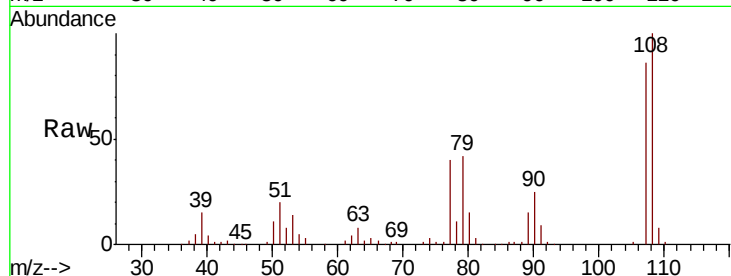




#17
2-Methylphenol
Concen: 43.680 ng
RT: 8.59 min Scan# 937
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:	107	Resp:	109255
Ion	Ratio	Lower	Upper
107	100		
108	115.7	90.8	136.2
77	46.5	40.7	61.1
79	48.1	40.6	60.8



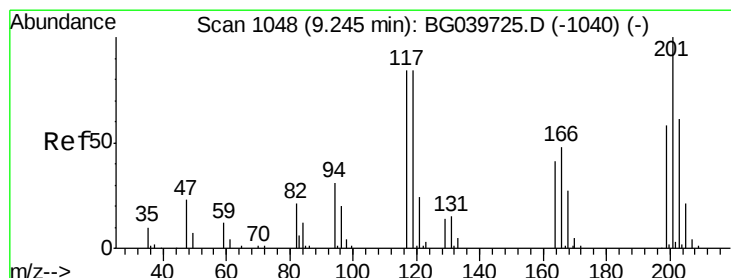
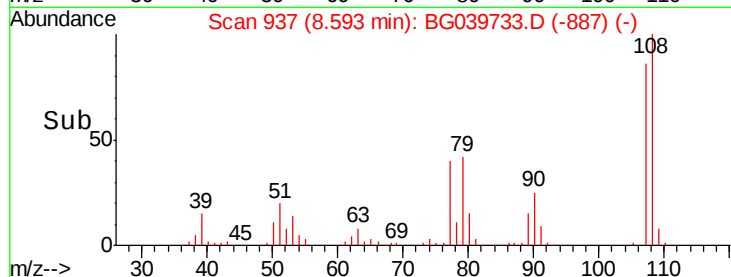
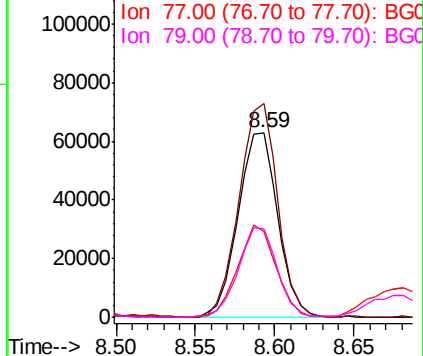
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

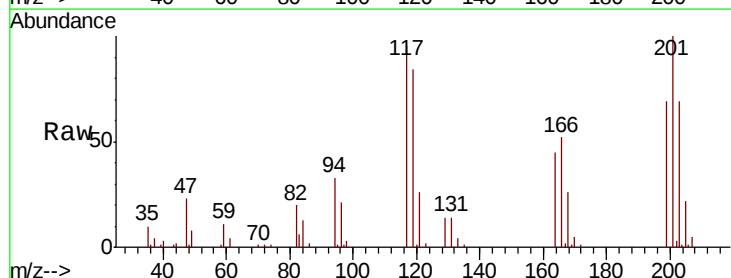
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 37.173 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:	117	Resp:	45270
Ion	Ratio	Lower	Upper
117	100		
119	88.4	76.3	114.5
201	105.3	91.1	136.7

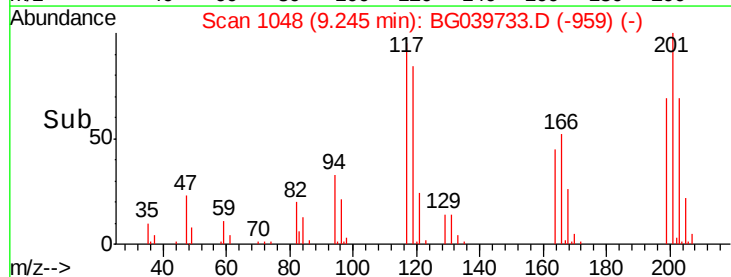
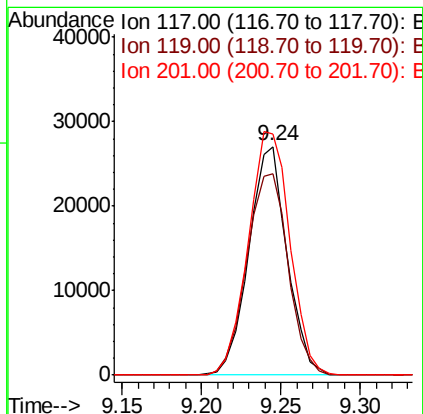


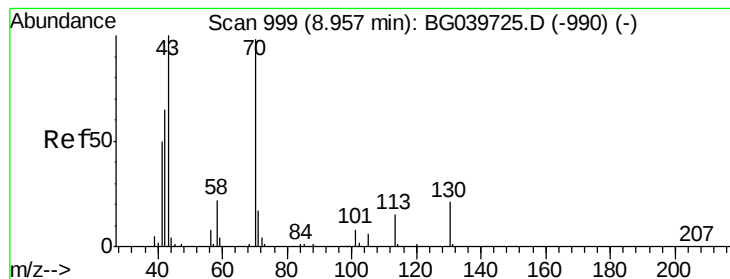
Abundance

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: 37.007 ng

RT: 8.96 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

Tgt Ion: 70 Resp: 96451

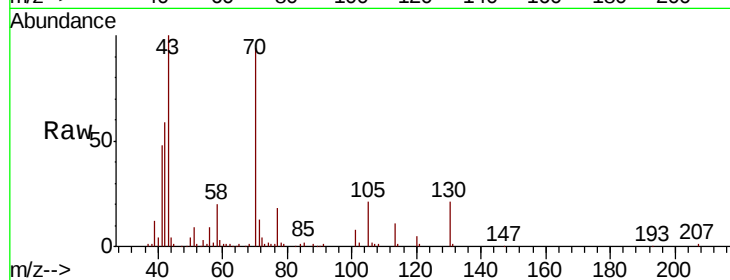
Ion Ratio Lower Upper

70 100

42 63.3 60.4 90.6

101 9.0 7.5 11.3

130 22.3 16.9 25.3

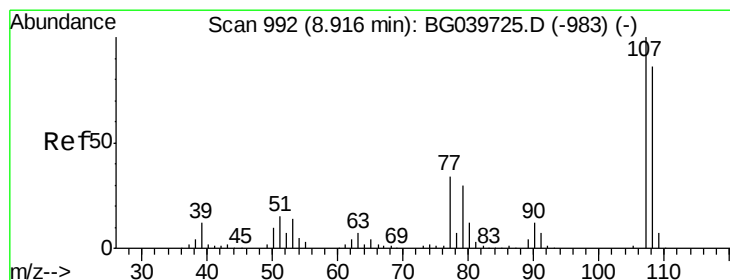
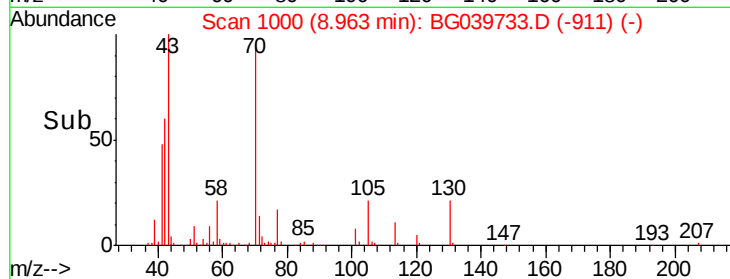
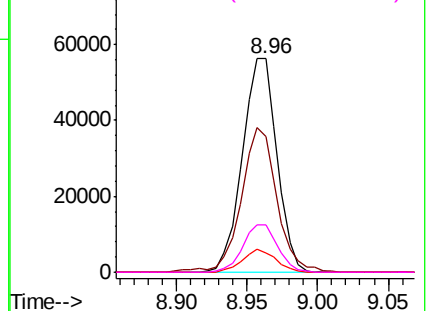


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 43.748 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion: 107 Resp: 152015

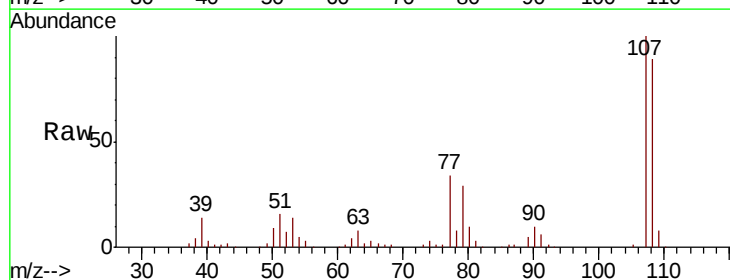
Ion Ratio Lower Upper

107 100

108 88.6 67.9 107.9

77 34.3 15.4 55.4

79 28.9 13.7 53.7

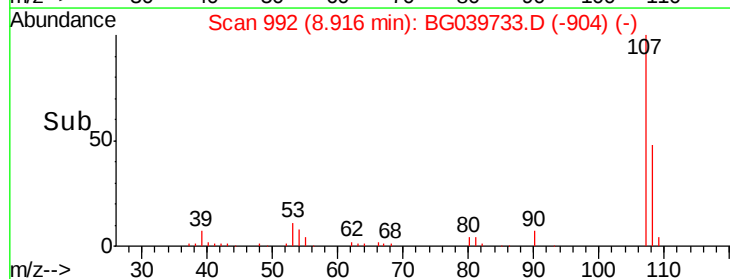
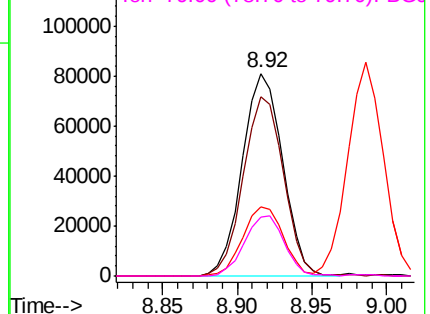


Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

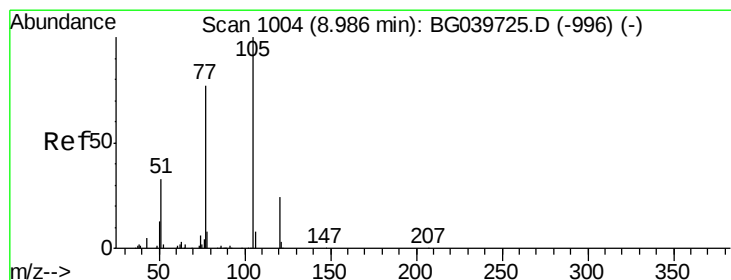
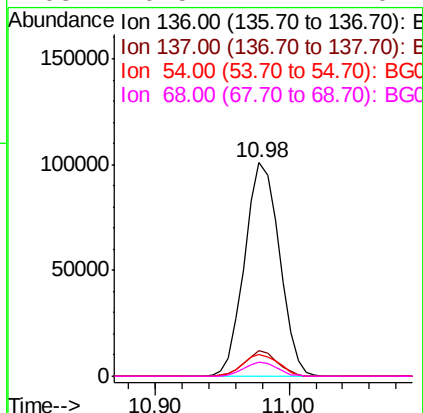
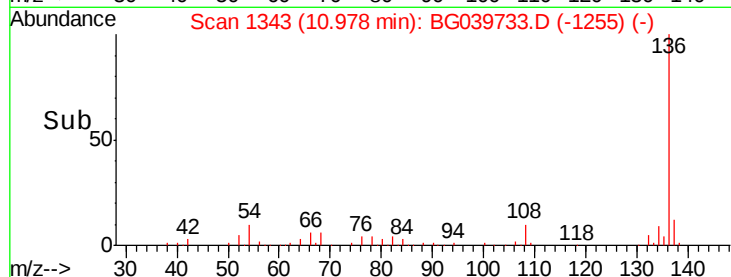
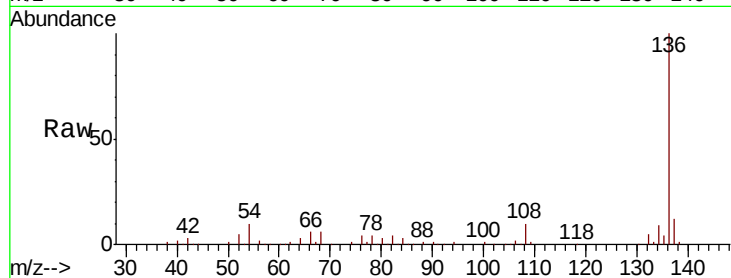




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

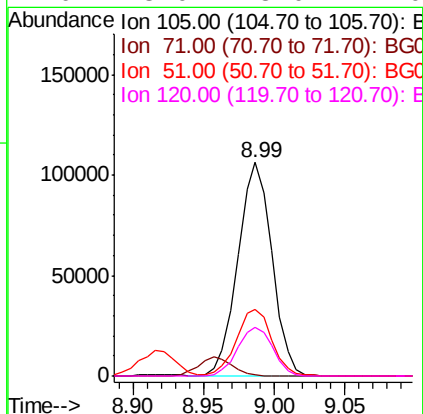
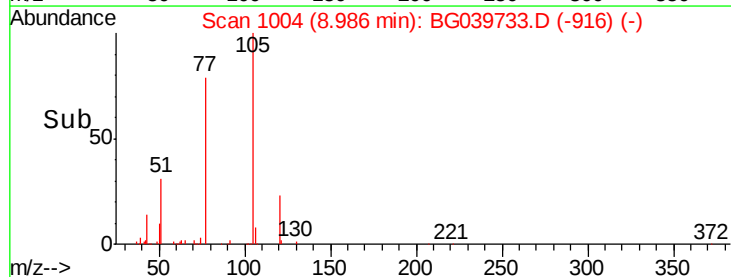
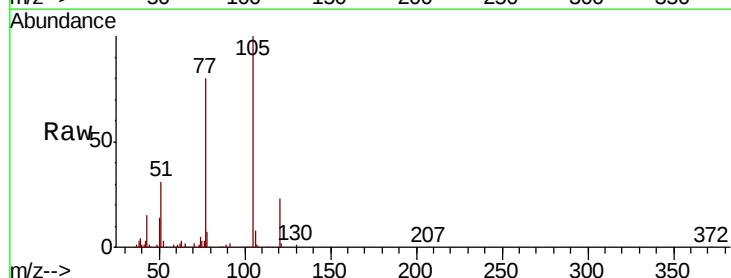
Instrument :
BNA_G
ClientSampleId :
PB117572BS

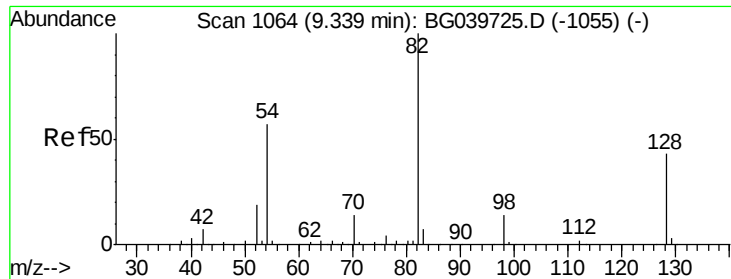
Tgt Ion:	136	Resp:	181941
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	10.3	9.4	14.2
68	6.5	4.2	6.4#



#22
Acetophenone
Concen: 36.813 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:	105	Resp:	179766
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.8	1.2#
51	31.3	30.2	45.2
120	23.0	18.0	27.0

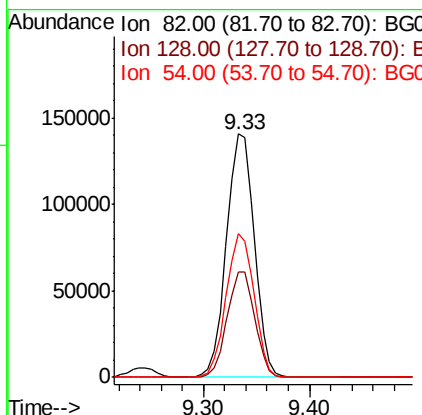
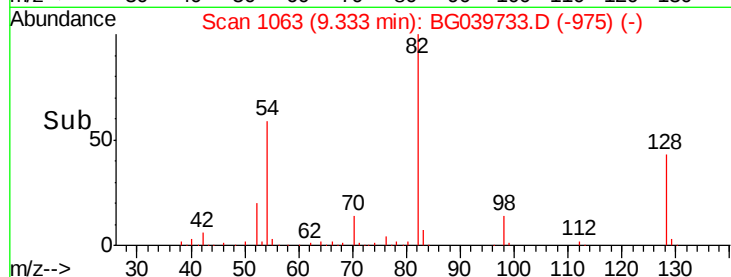
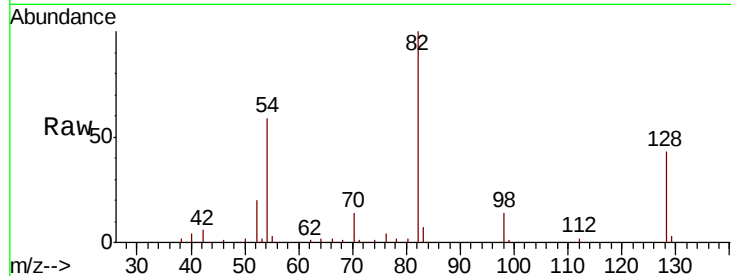




#23
 Nitrobenzene-d5
 Concen: 76.440 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

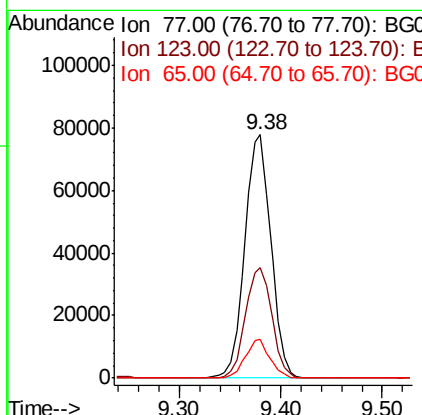
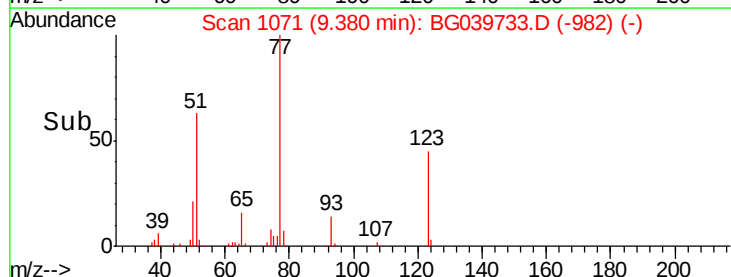
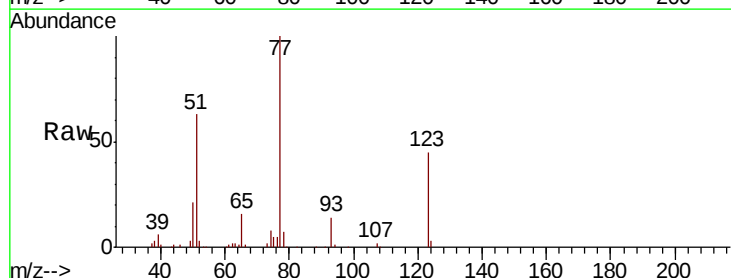
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

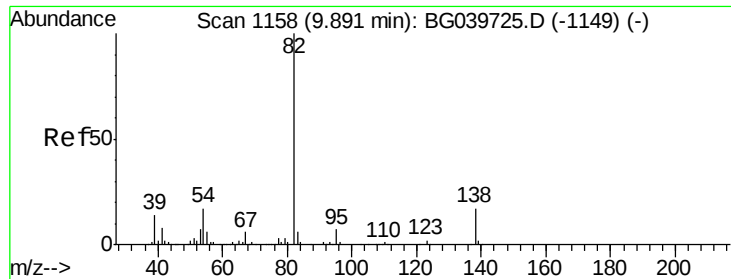
Tgt Ion: 82 Resp: 257148
 Ion Ratio Lower Upper
 82 100
 128 43.2 31.3 46.9
 54 59.2 50.9 76.3



#24
 Nitrobenzene
 Concen: 39.339 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion: 77 Resp: 138831
 Ion Ratio Lower Upper
 77 100
 123 45.2 34.1 51.1
 65 16.1 12.3 18.5





#25

Isophorone

Concen: 38.758 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

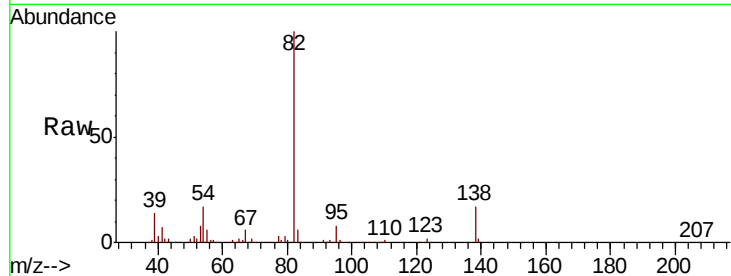
Tgt Ion: 82 Resp: 273198

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 17.1 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

9.89

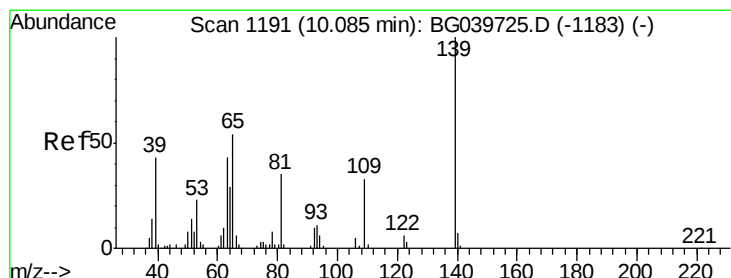
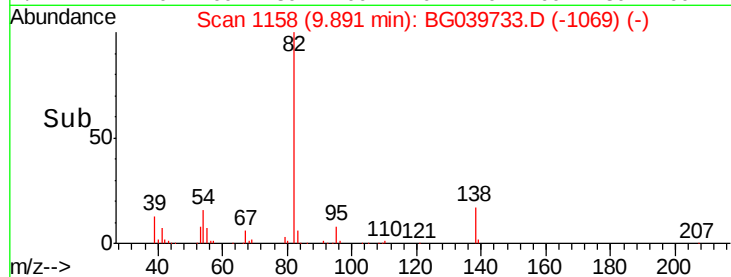
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 40.748 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

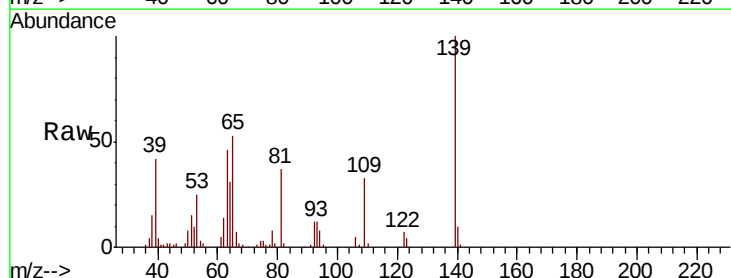
Tgt Ion: 139 Resp: 69432

Ion Ratio Lower Upper

139 100

109 32.8 23.4 35.0

65 52.8 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

10.08

40000

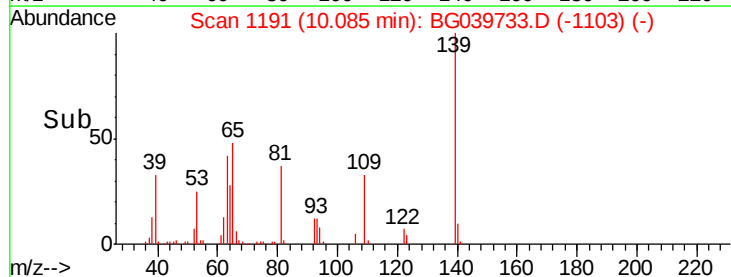
30000

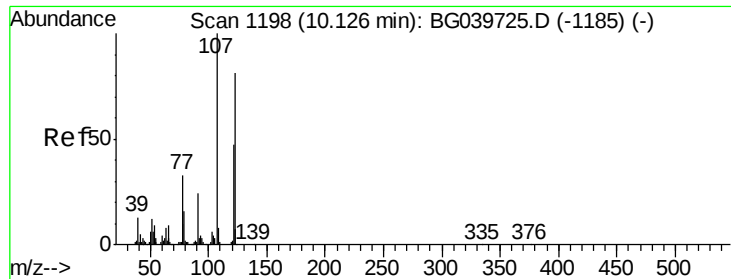
20000

10000

0

Time-->

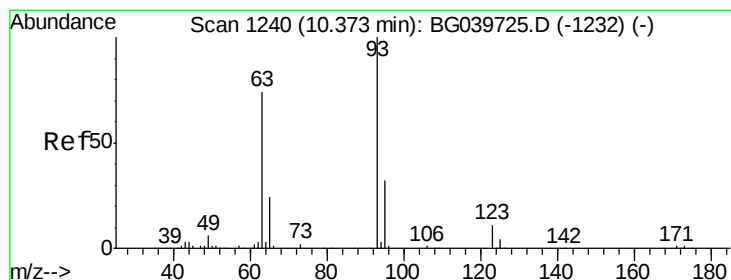
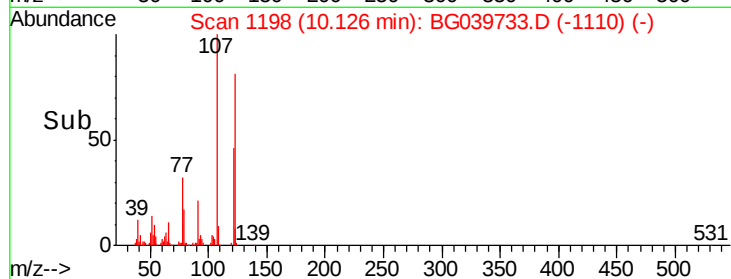
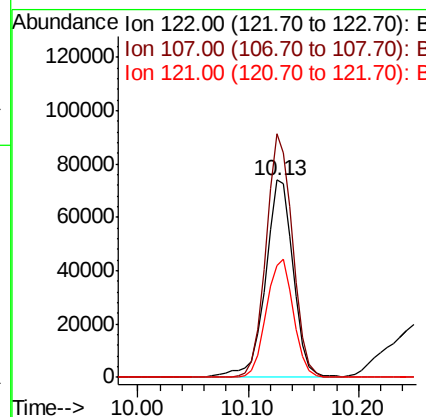
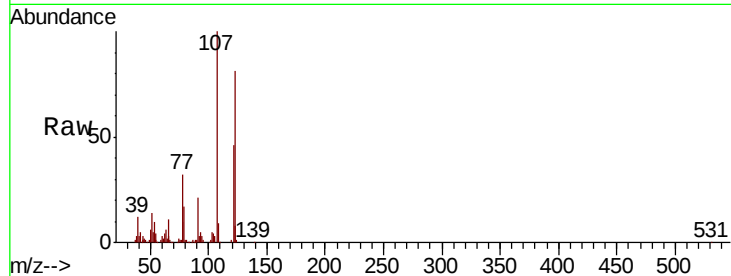




#27
2,4-Dimethylphenol
Concen: 49.390 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

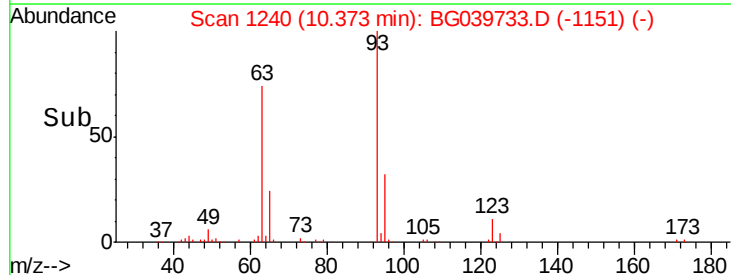
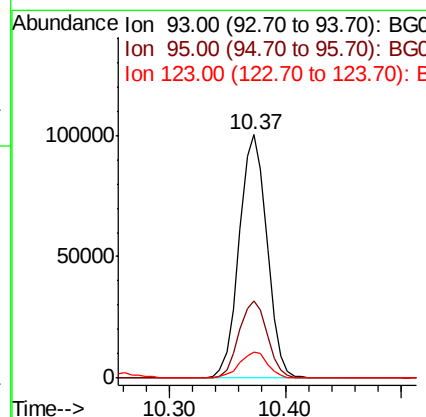
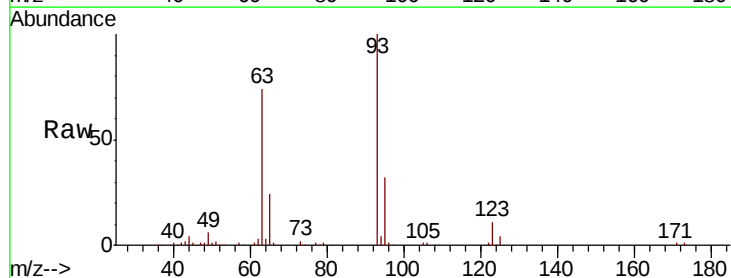
Instrument :
BNA_G
ClientSampleId :
PB117572BS

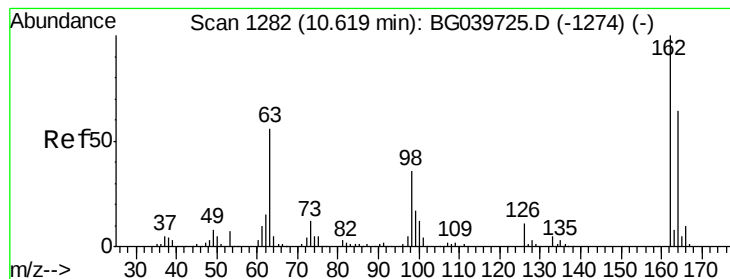
Tgt Ion: 122 Resp: 130886
Ion Ratio Lower Upper
122 100
107 123.6 91.7 137.5
121 56.7 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.018 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion: 93 Resp: 167133
Ion Ratio Lower Upper
93 100
95 31.9 25.0 37.4
123 10.6 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 46.080 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

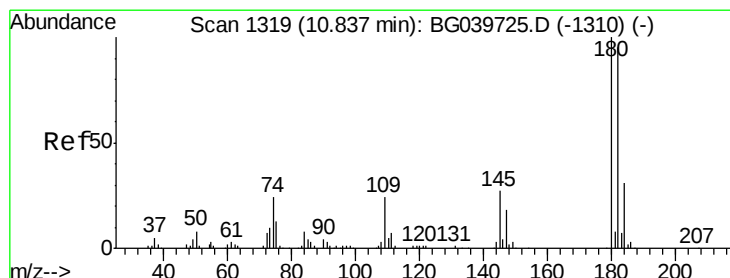
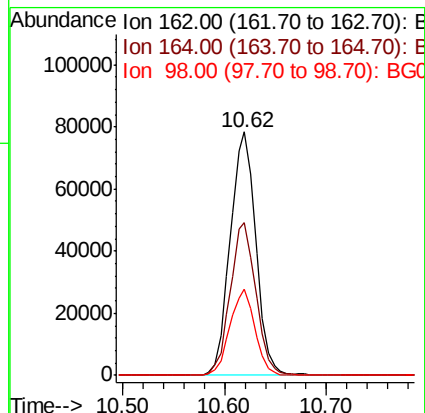
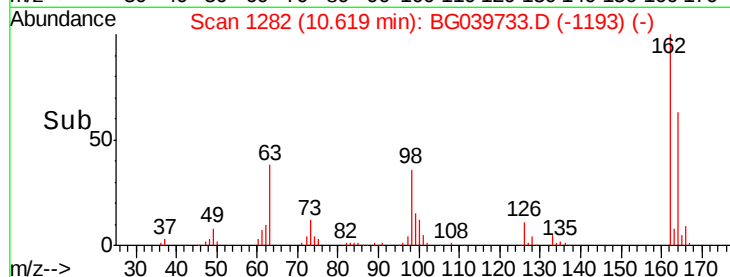
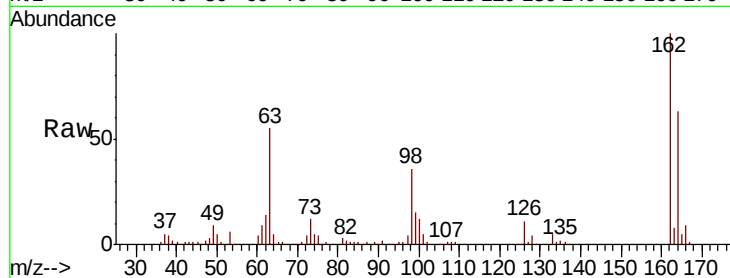
Tgt Ion:162 Resp: 137487

Ion Ratio Lower Upper

162 100

164 62.7 48.1 88.1

98 35.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.923 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

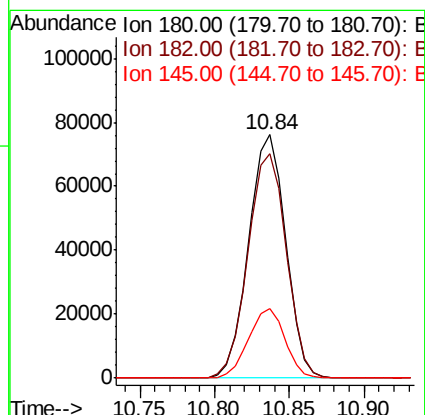
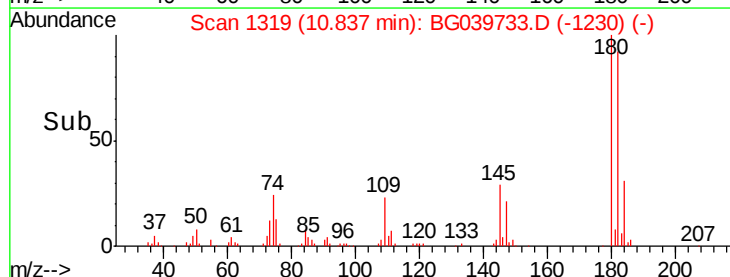
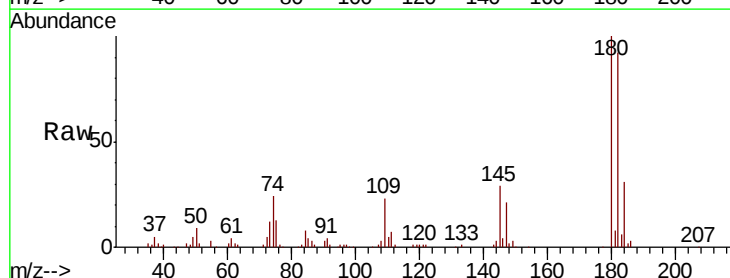
Tgt Ion:180 Resp: 130682

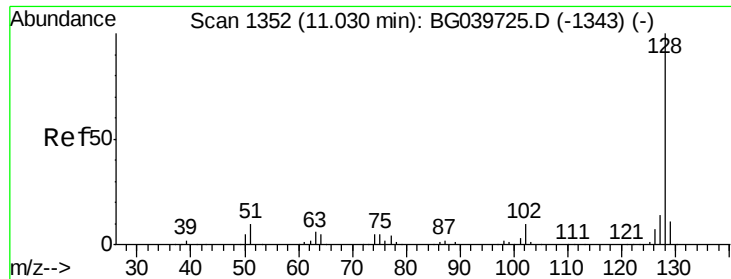
Ion Ratio Lower Upper

180 100

182 92.0 76.0 114.0

145 28.6 22.7 34.1

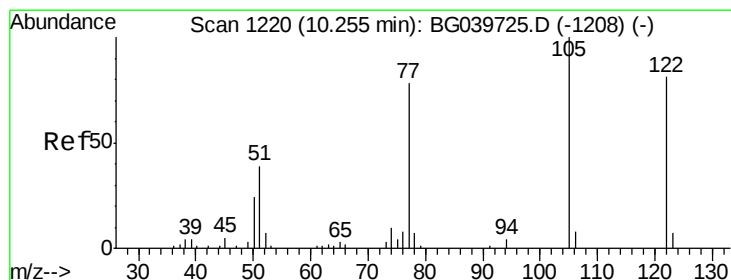
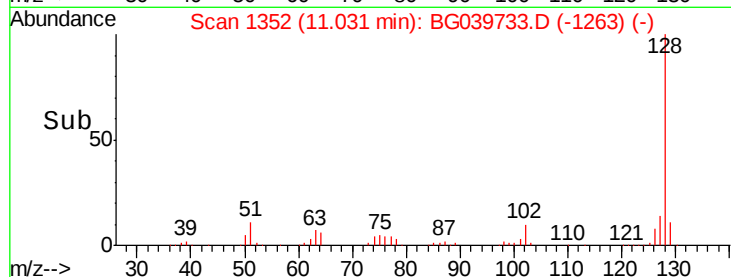
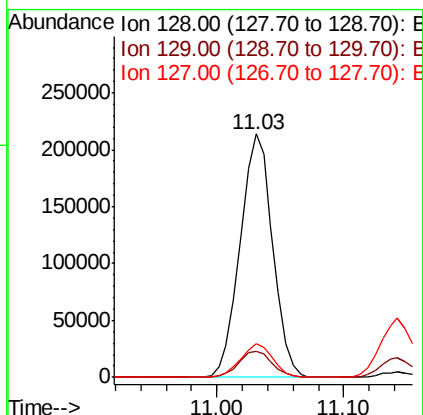
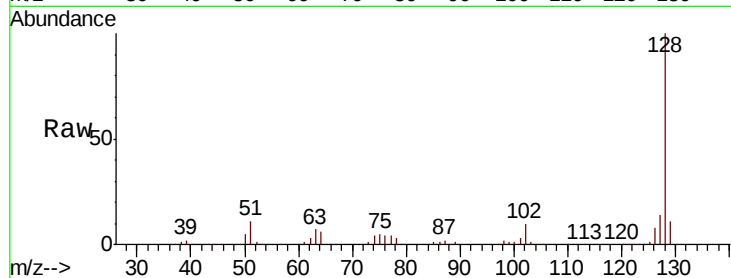




#31
Naphthalene
Concen: 39.430 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

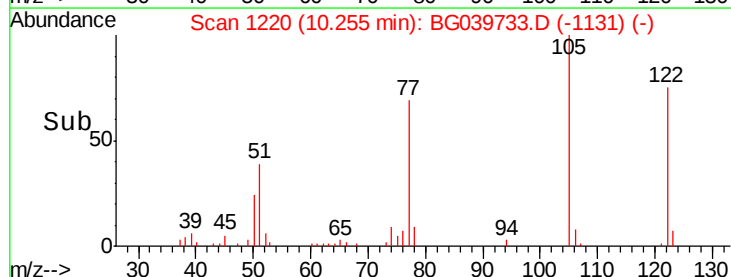
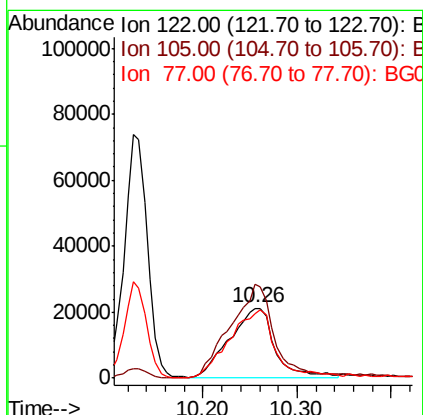
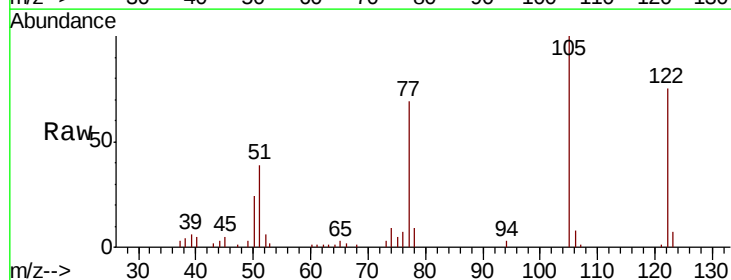
Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:128 Resp: 379830
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 39.598 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:122 Resp: 69615
Ion Ratio Lower Upper
122 100
105 133.2 101.8 141.8
77 92.1 76.3 116.3

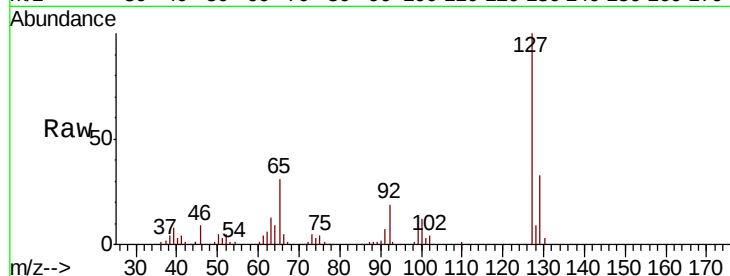




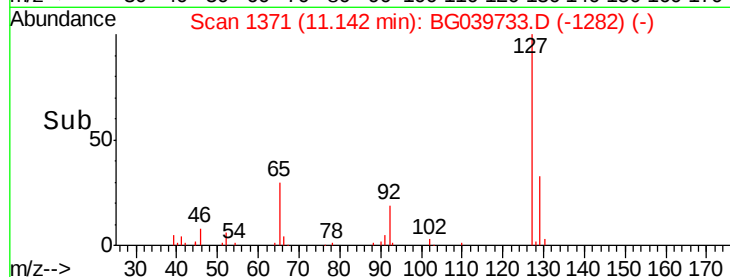
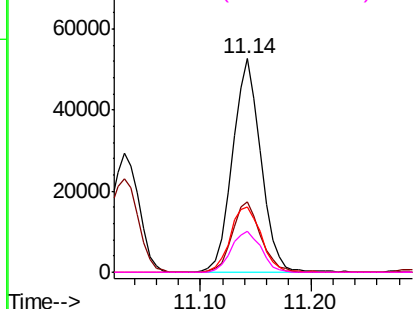
#33
4-Chloroaniline
Concen: 23.232 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:	127	Resp:	94899
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	30.5	28.8	43.2
92	19.1	16.6	25.0

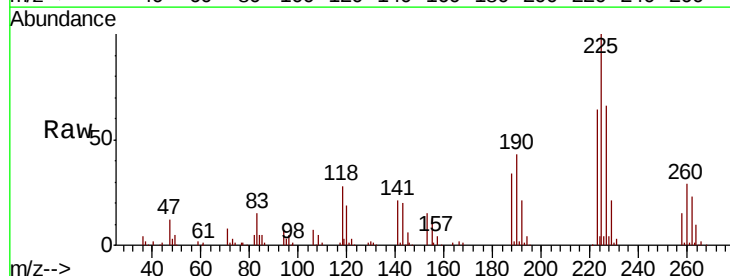


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

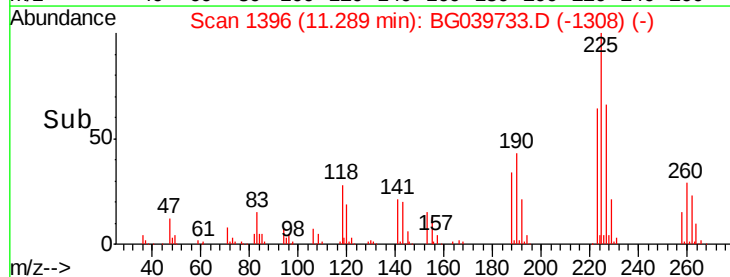
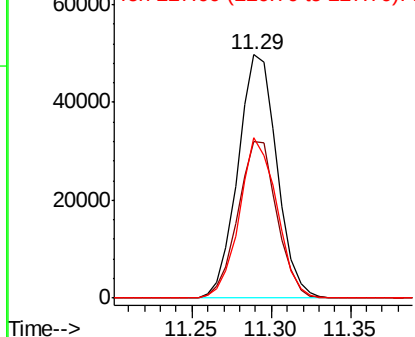


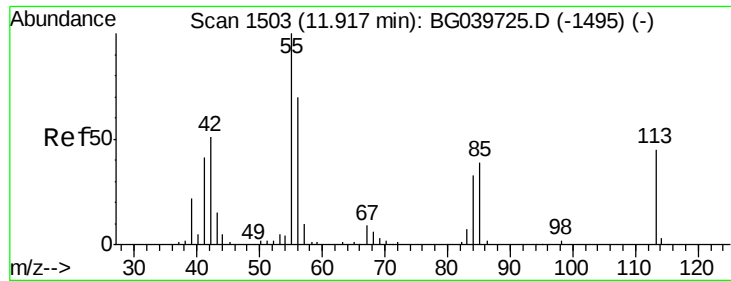
#34
Hexachlorobutadiene
Concen: 36.921 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:	225	Resp:	84707
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.0	73.6
227	66.1	46.3	69.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

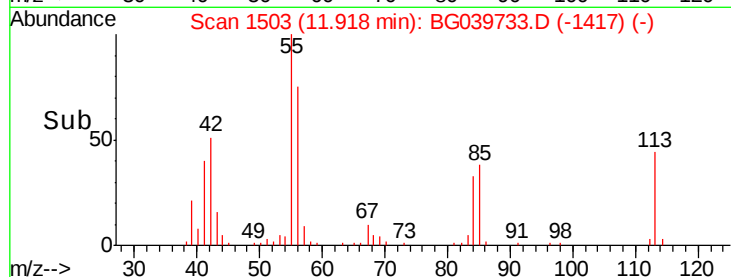
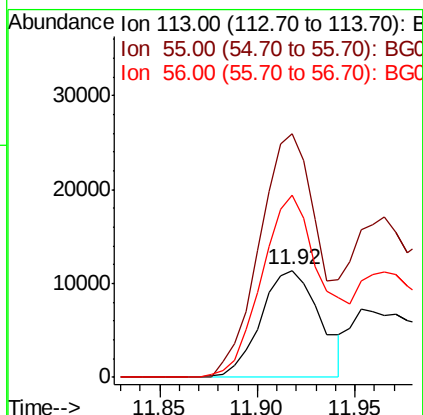
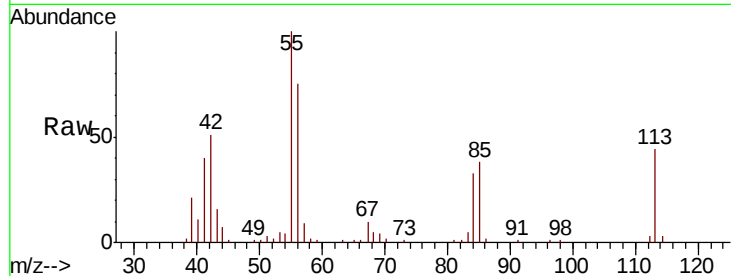




#35
 Caprolactam
 Concen: 21.096 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

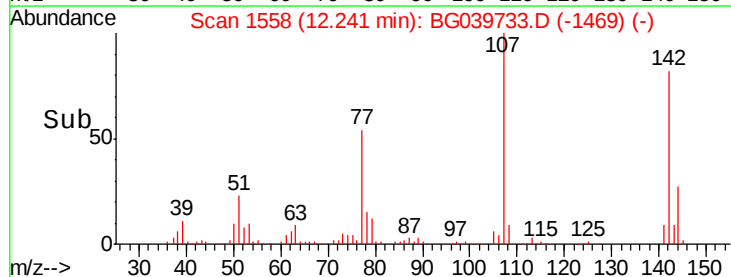
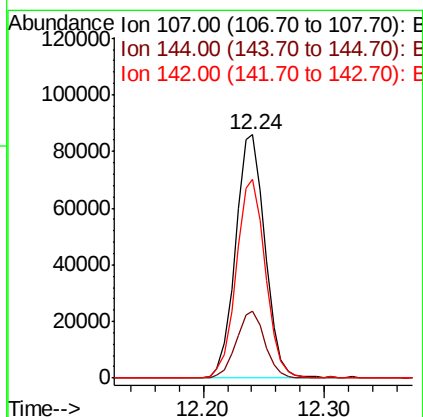
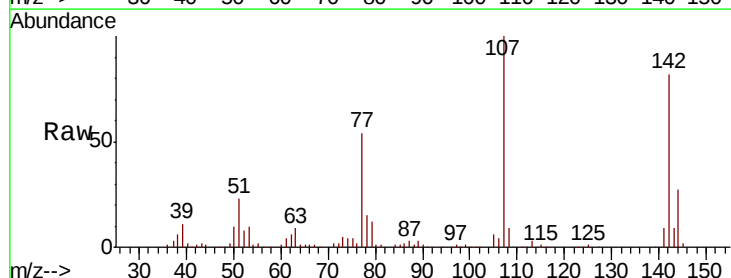
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

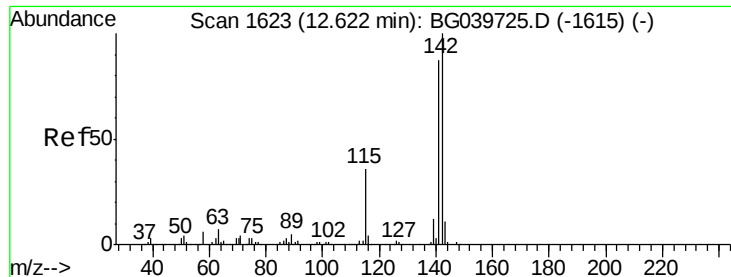
Tgt Ion:113 Resp: 24044
 Ion Ratio Lower Upper
 113 100
 55 227.4 216.9 256.9
 56 170.4 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.757 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:107 Resp: 146241
 Ion Ratio Lower Upper
 107 100
 144 27.3 20.2 30.2
 142 81.8 61.4 92.2

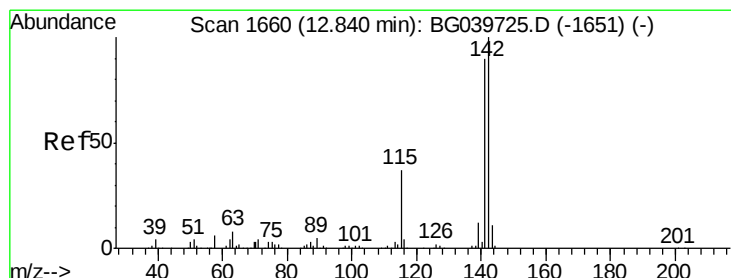
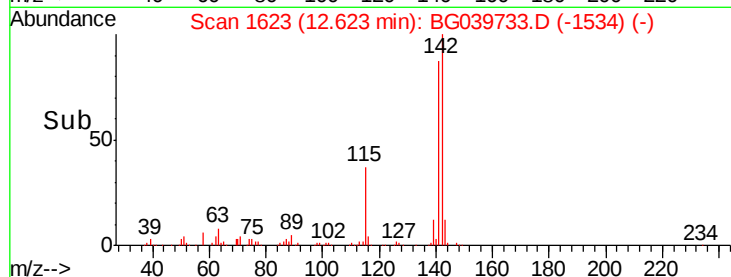
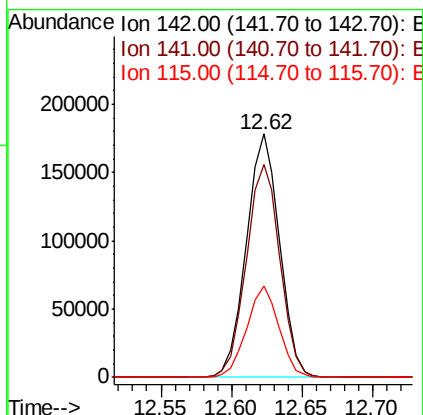
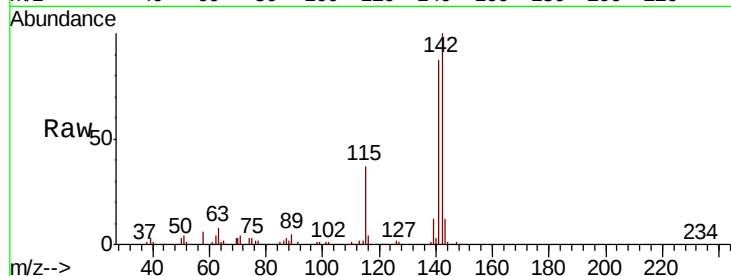




#37
2-Methylnaphthalene
Concen: 40.715 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

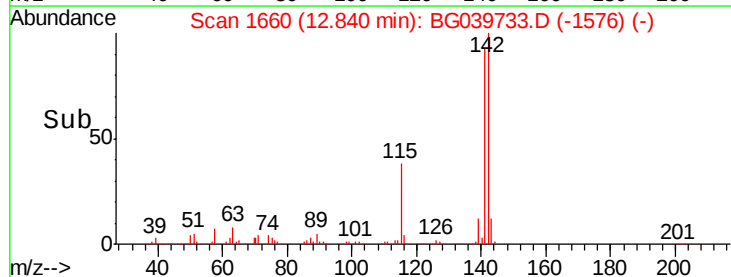
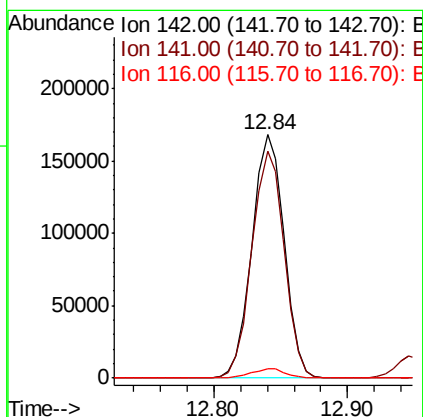
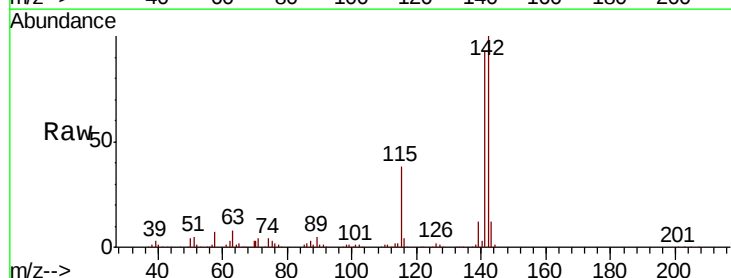
Instrument :
BNA_G
ClientSampleId :
PB117572BS

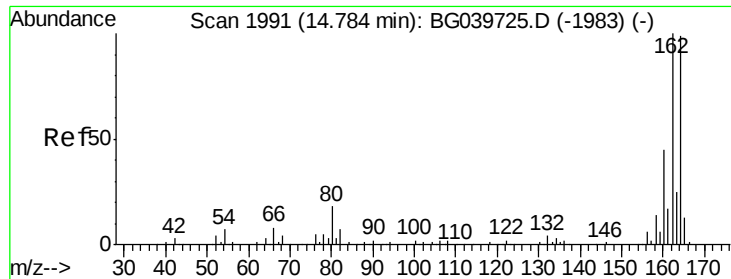
Tgt Ion:142 Resp: 293226
Ion Ratio Lower Upper
142 100
141 87.3 73.5 110.3
115 37.4 30.8 46.2



#38
1-Methylnaphthalene
Concen: 39.749 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:142 Resp: 278197
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4
116 3.8 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: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

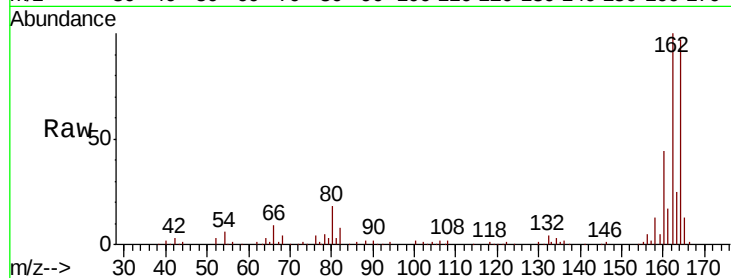
Tgt Ion:164 Resp: 126106

Ion Ratio Lower Upper

164 100

162 103.5 81.6 122.4

160 45.2 34.2 51.2

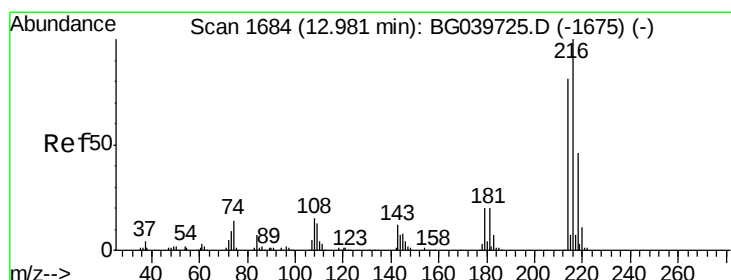
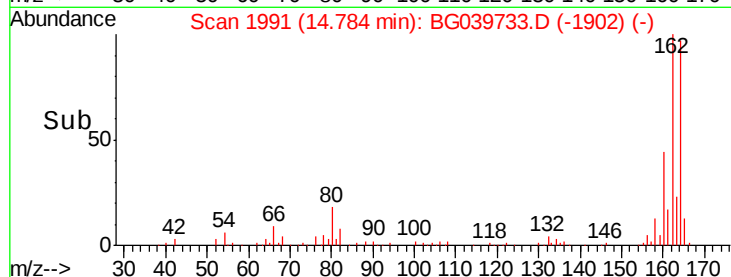
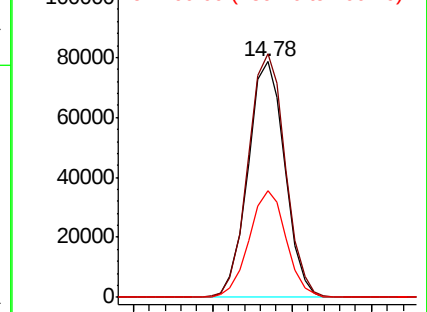


Abundance

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: 37.902 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:216 Resp: 161921

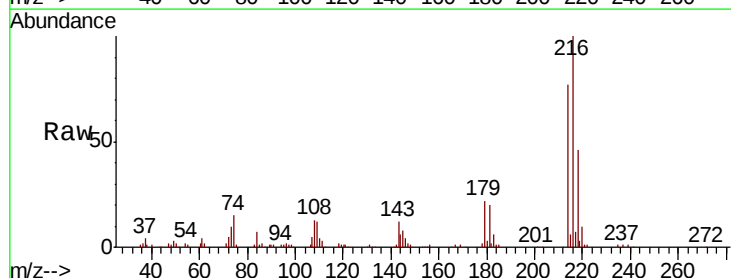
Ion Ratio Lower Upper

216 100

214 78.3 62.6 94.0

179 21.1 16.6 25.0

108 18.0 14.0 21.0



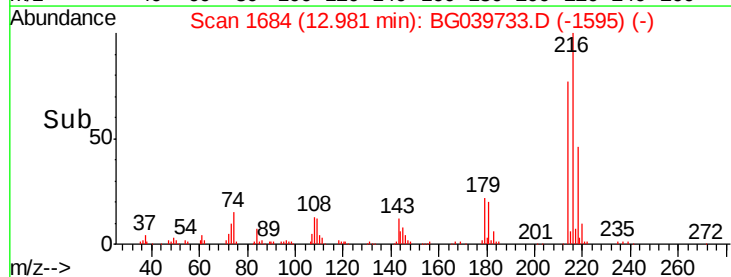
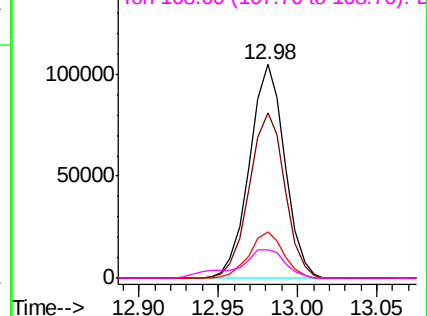
Abundance

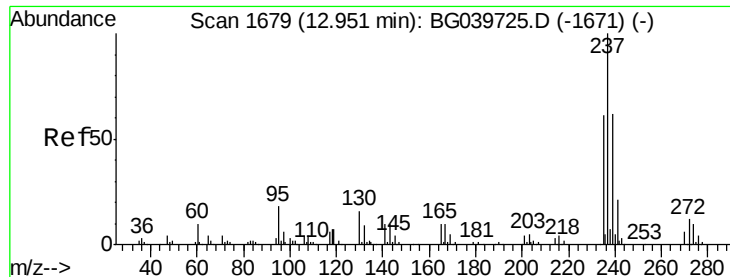
Ion 216.00 (215.70 to 216.70): E

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: 97.119 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

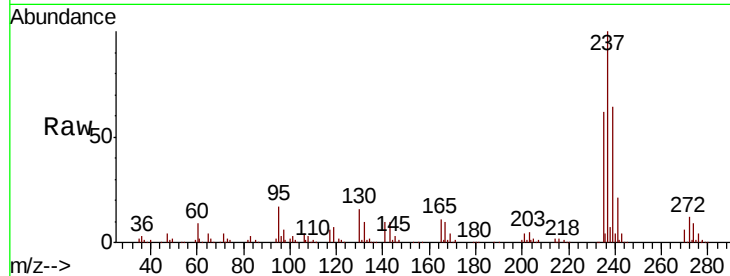
Tgt Ion: 237 Resp: 222350

Ion Ratio Lower Upper

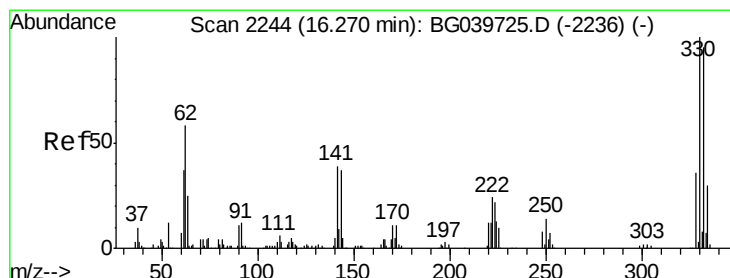
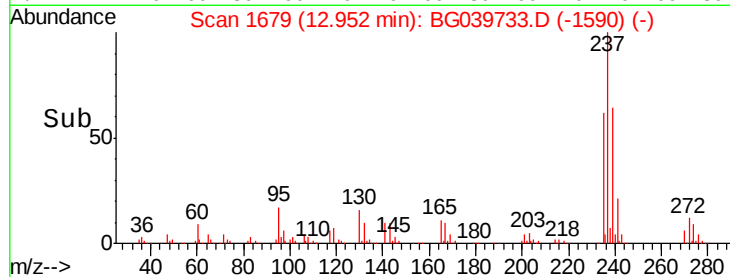
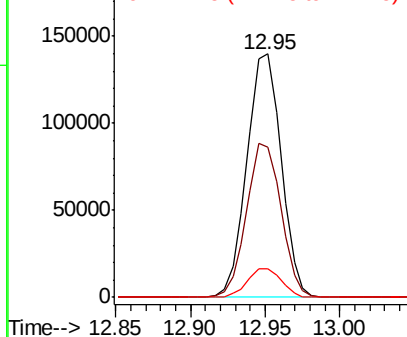
237 100

235 61.5 43.3 83.3

272 11.9 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: 138.488 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

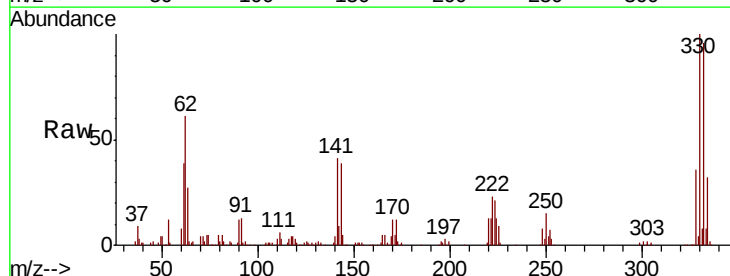
Tgt Ion: 330 Resp: 203558

Ion Ratio Lower Upper

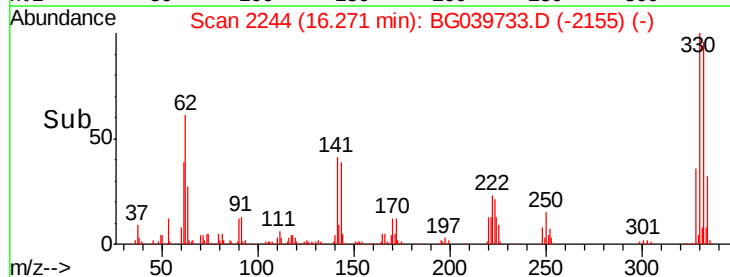
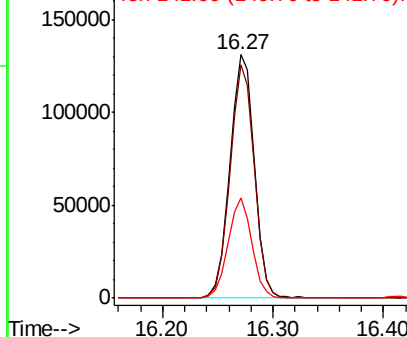
330 100

332 94.9 75.7 113.5

141 39.9 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

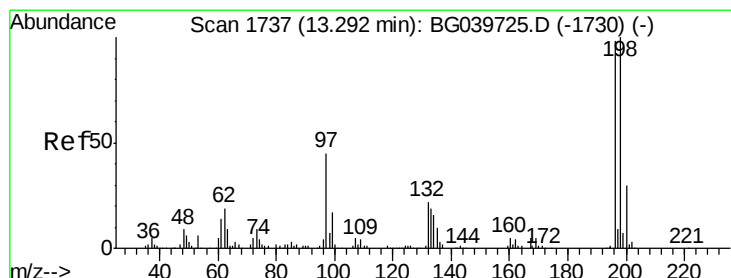
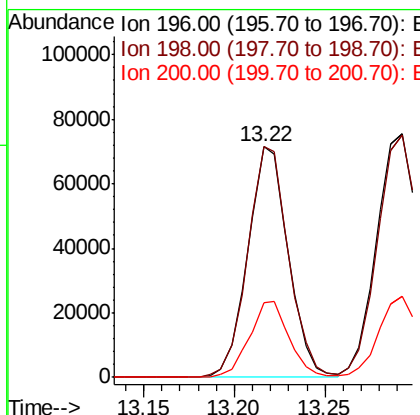
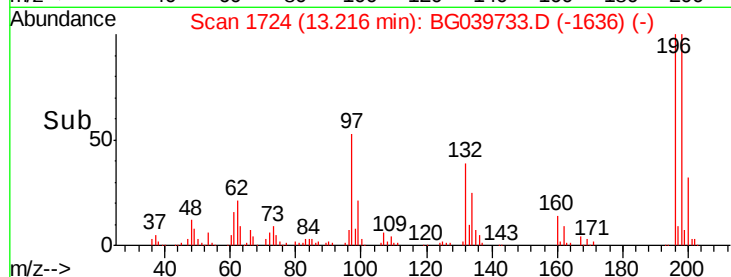
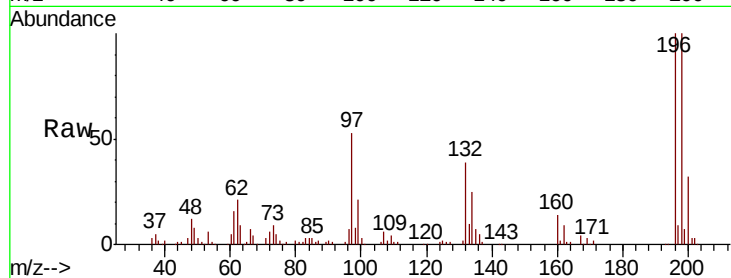




#43
 2,4,6-Trichlorophenol
 Concen: 44.680 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

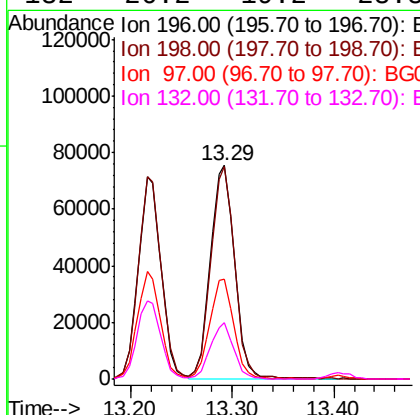
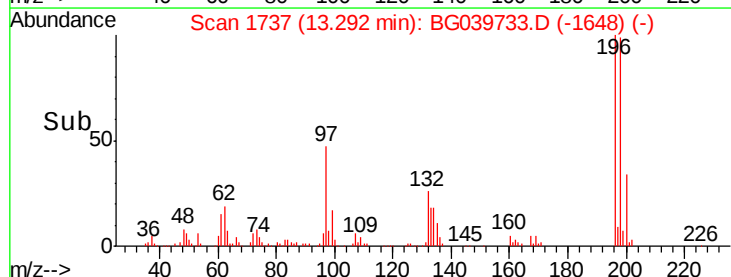
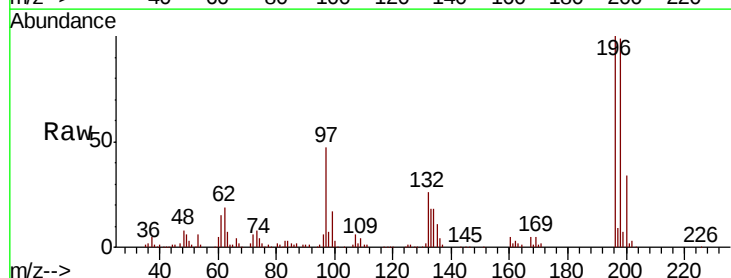
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

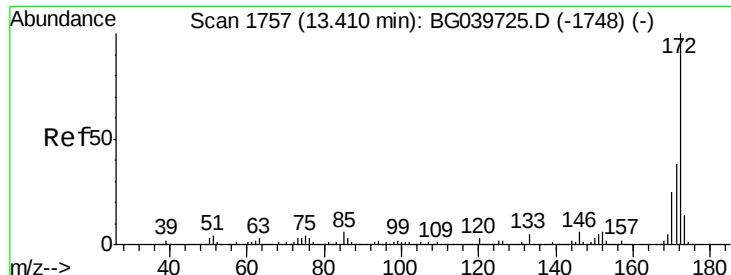
Tgt Ion:196 Resp: 111751
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 200 32.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.451 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:196 Resp: 125317
 Ion Ratio Lower Upper
 196 100
 198 99.4 78.5 117.7
 97 46.7 38.4 57.6
 132 26.2 19.2 28.8

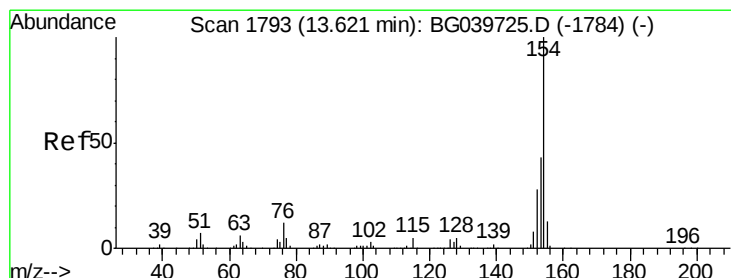
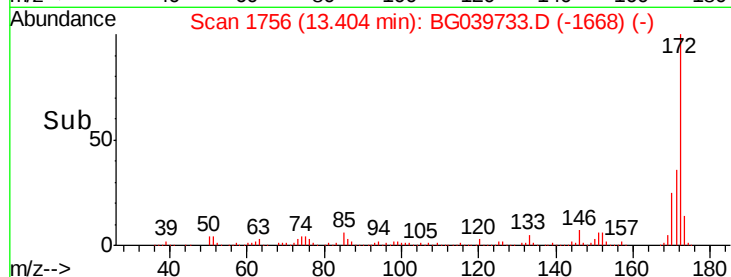
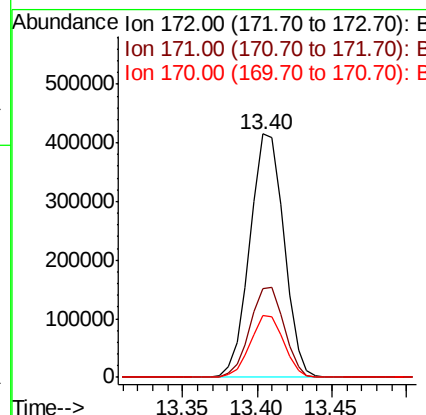
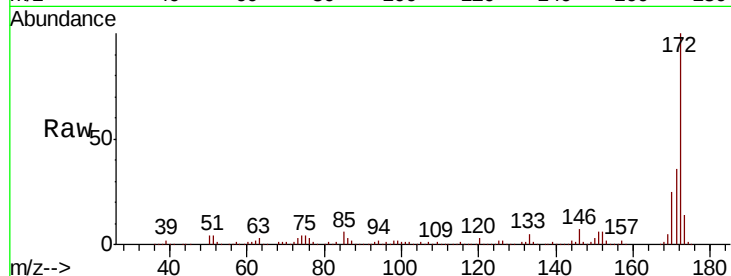




#45
 2-Fluorobiphenyl
 Concen: 73.862 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

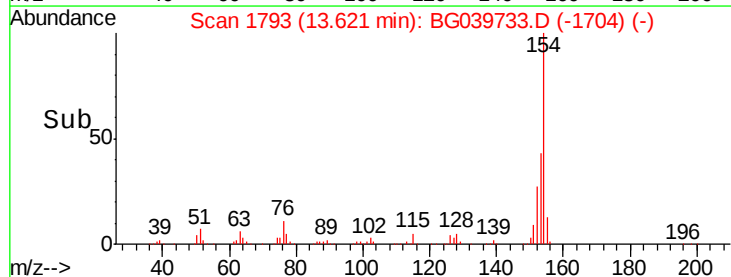
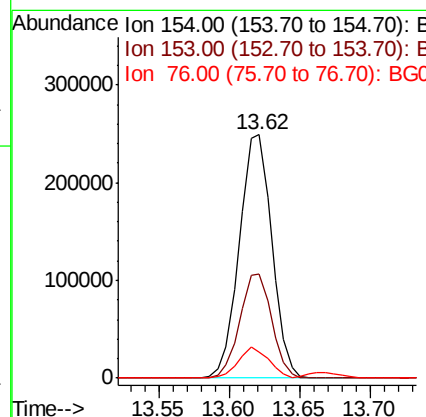
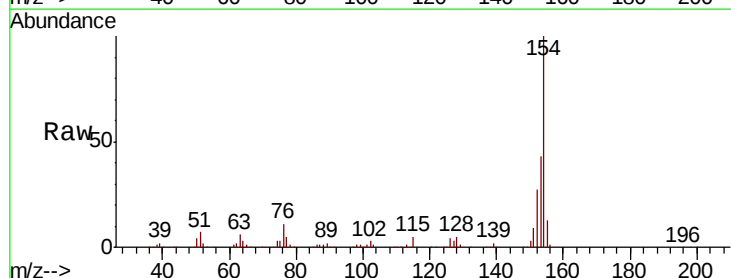
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

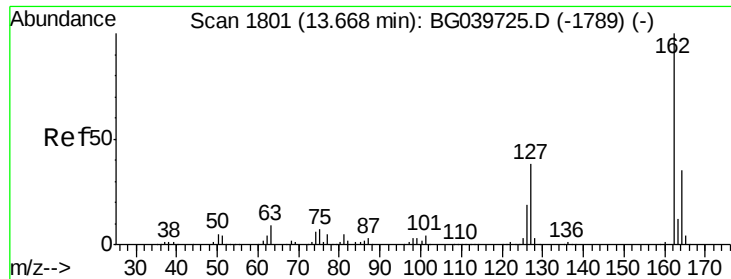
Tgt Ion:172 Resp: 654180
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.8 46.2
 170 25.4 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 38.611 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:154 Resp: 400476
 Ion Ratio Lower Upper
 154 100
 153 42.5 22.1 62.1
 76 10.9 0.0 32.4

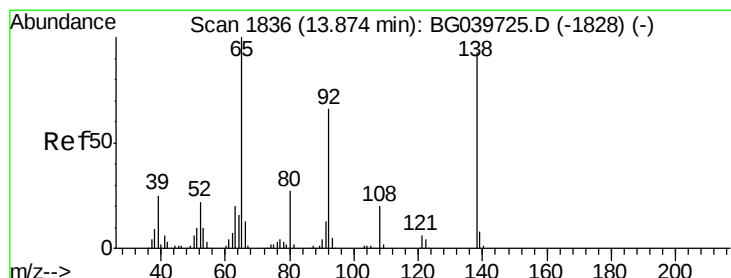
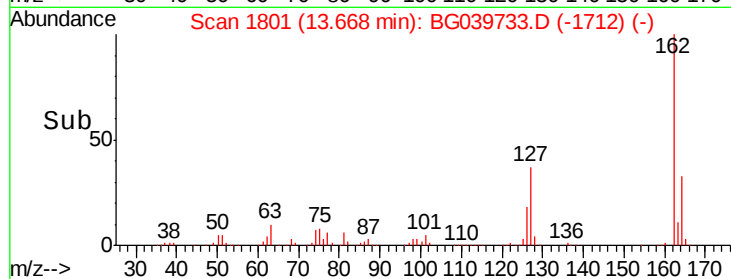
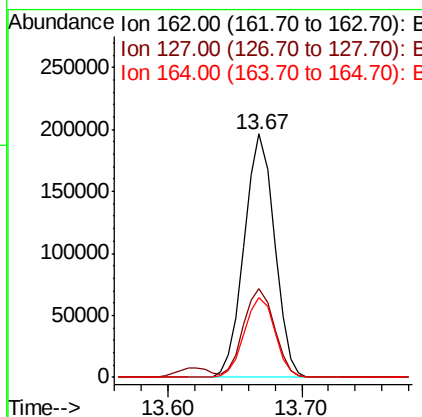
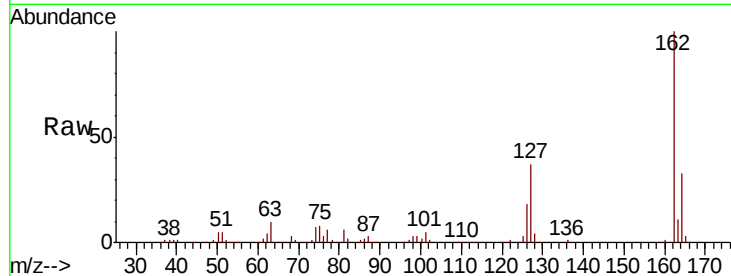




#47
 2-Chloronaphthalene
 Concen: 39.502 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

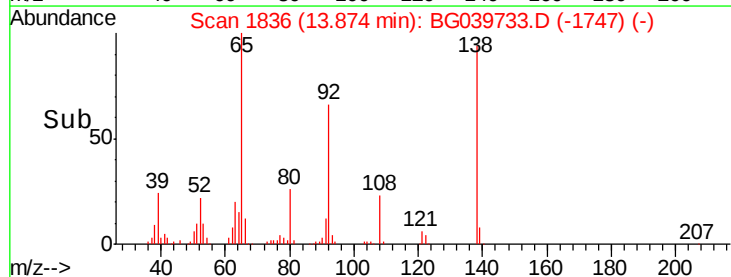
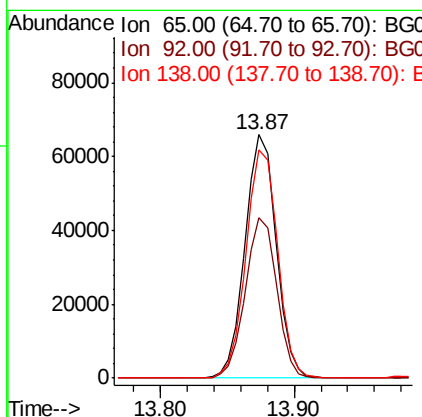
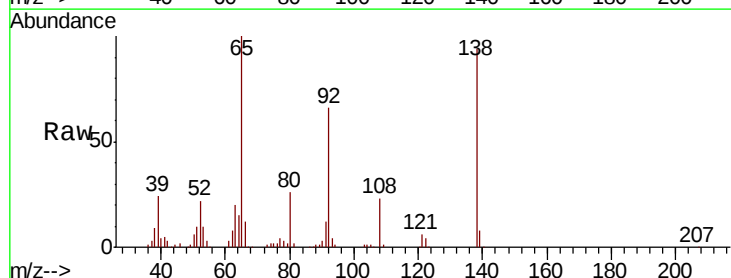
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion: 162 Resp: 308223
 Ion Ratio Lower Upper
 162 100
 127 36.7 31.0 46.6
 164 32.7 25.7 38.5



#48
 2-Nitroaniline
 Concen: 42.272 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion: 65 Resp: 106000
 Ion Ratio Lower Upper
 65 100
 92 65.8 51.4 77.2
 138 93.9 71.4 107.2





#49

Acenaphthylene

Concen: 38.960 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

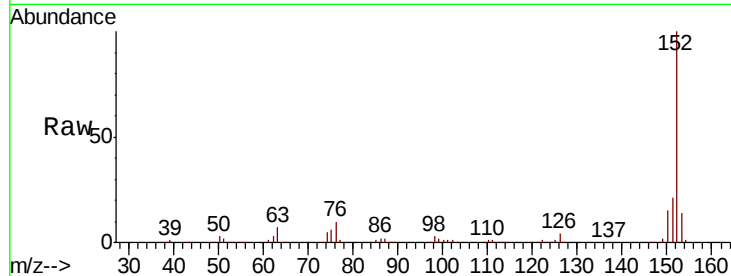
Tgt Ion:152 Resp: 499043

Ion Ratio Lower Upper

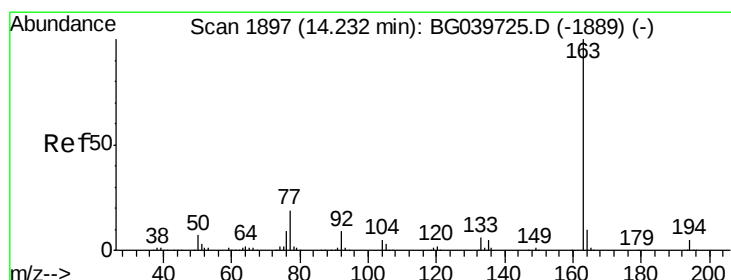
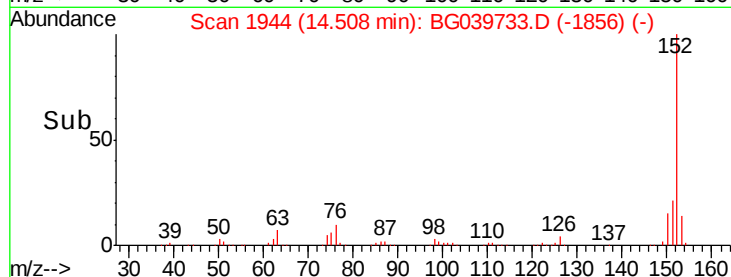
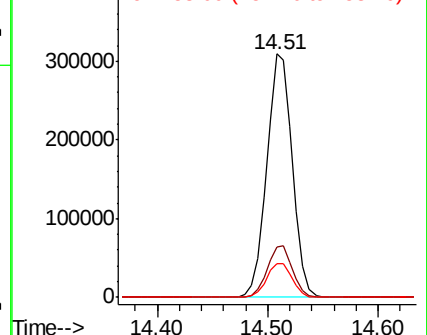
152 100

151 20.8 16.8 25.2

153 13.7 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: 40.103 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

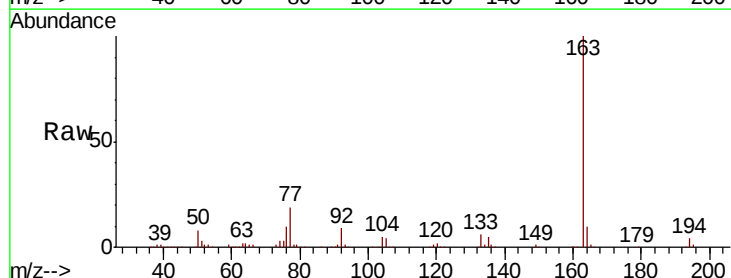
Tgt Ion:163 Resp: 422876

Ion Ratio Lower Upper

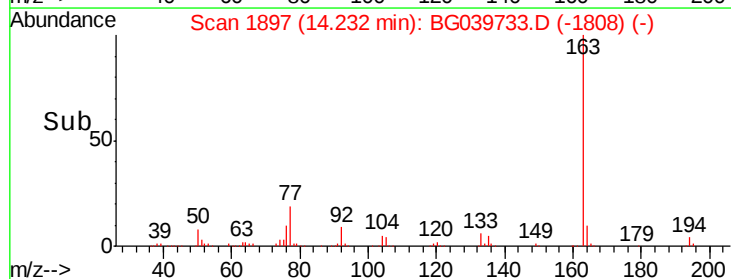
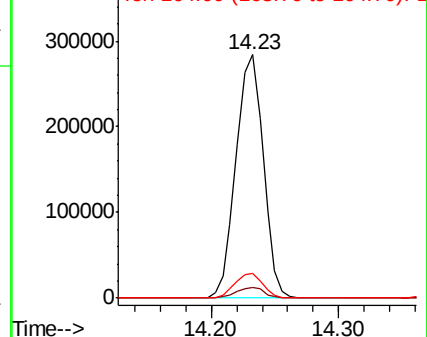
163 100

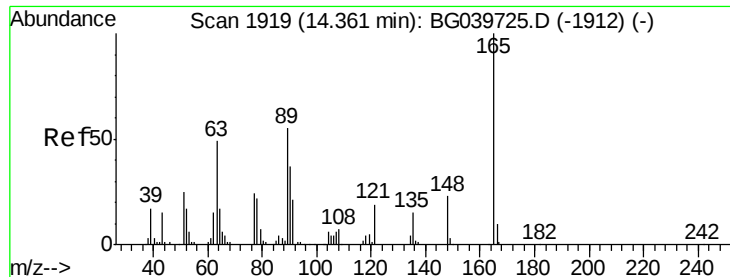
194 4.2 3.6 5.4

164 10.3 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

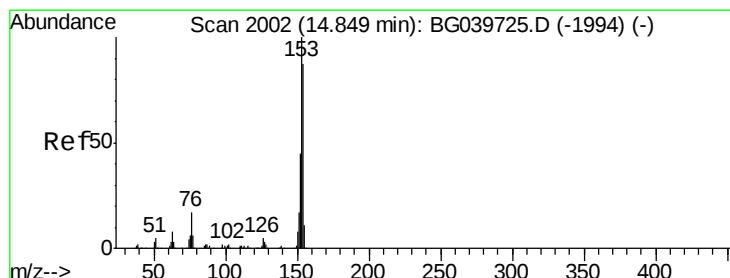
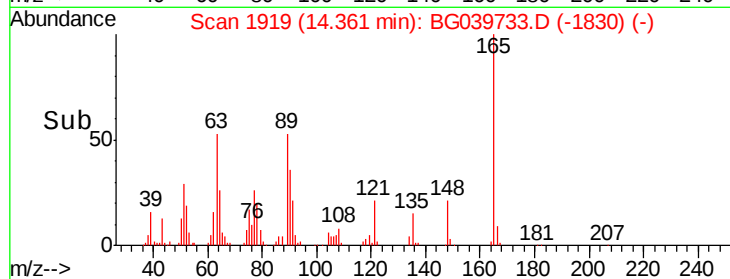
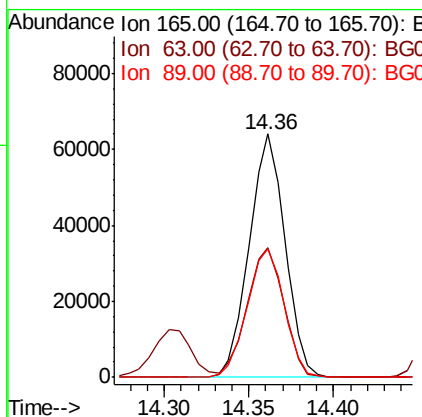
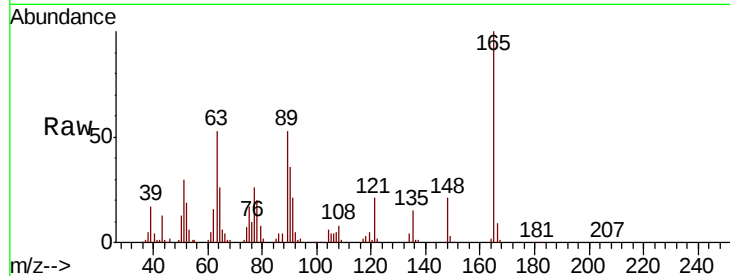




#51
 2,6-Dinitrotoluene
 Concen: 42.289 ng
 RT: 14.36 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

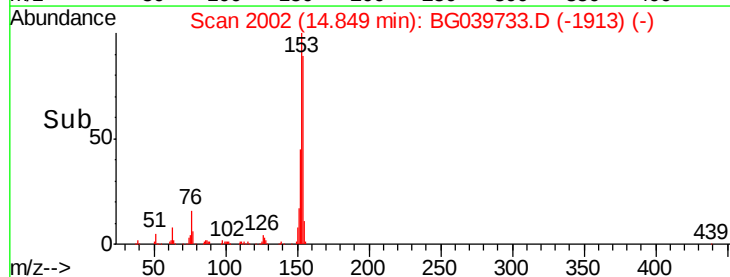
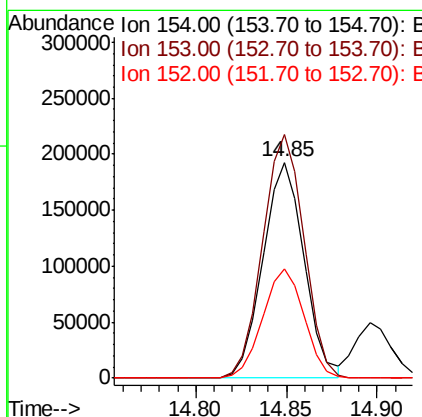
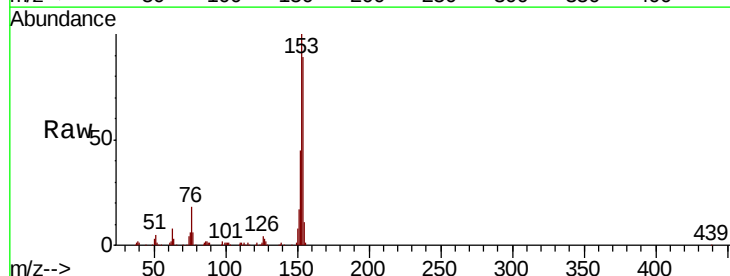
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

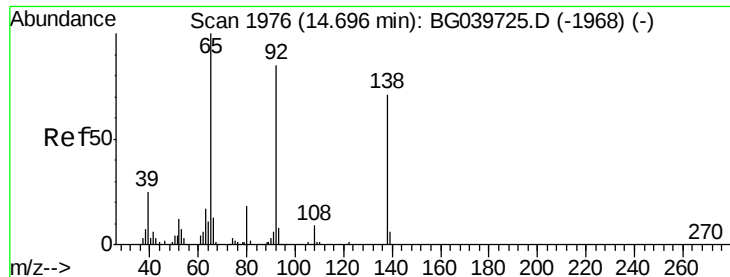
Tgt Ion:165 Resp: 94536
 Ion Ratio Lower Upper
 165 100
 63 53.5 47.0 70.6
 89 52.8 45.8 68.8



#52
 Acenaphthene
 Concen: 39.710 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:154 Resp: 306141
 Ion Ratio Lower Upper
 154 100
 153 112.8 90.1 135.1
 152 50.6 40.9 61.3





#53

3-Nitroaniline

Concen: 26.999 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

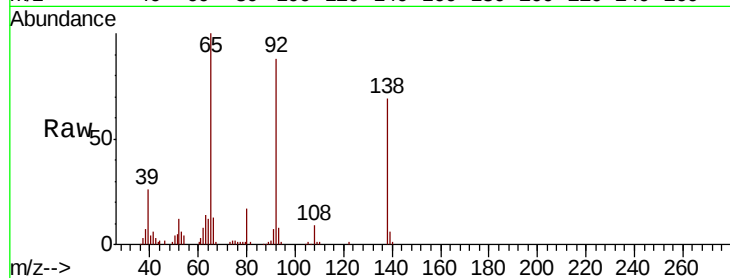
Tgt Ion:138 Resp: 60670

Ion Ratio Lower Upper

138 100

108 12.6 13.8 20.8#

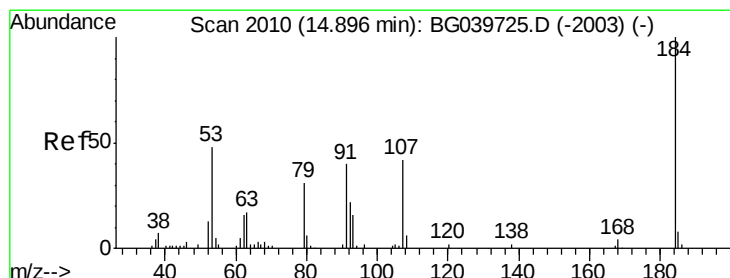
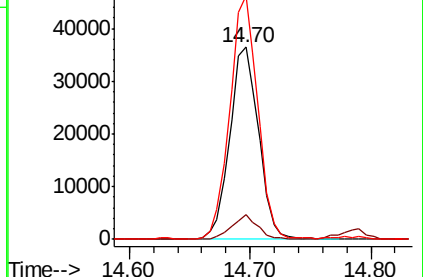
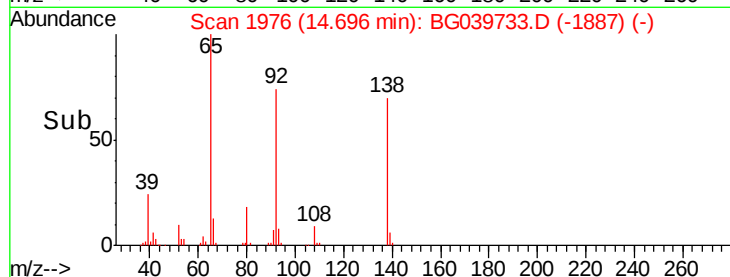
92 126.8 103.7 155.5



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: 81.362 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

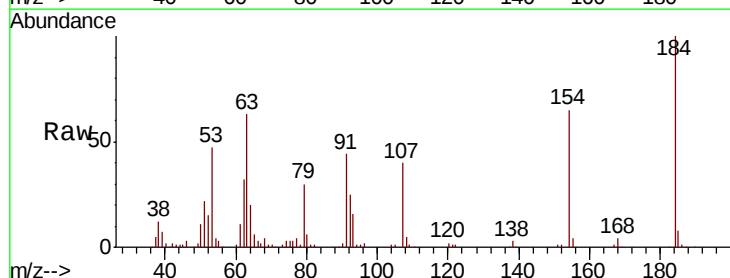
Tgt Ion:184 Resp: 114836

Ion Ratio Lower Upper

184 100

63 63.4 50.9 76.3

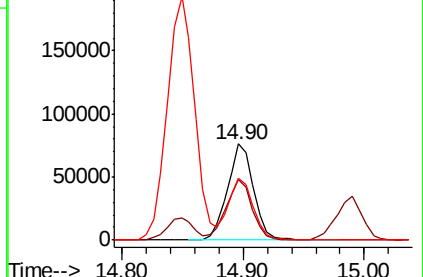
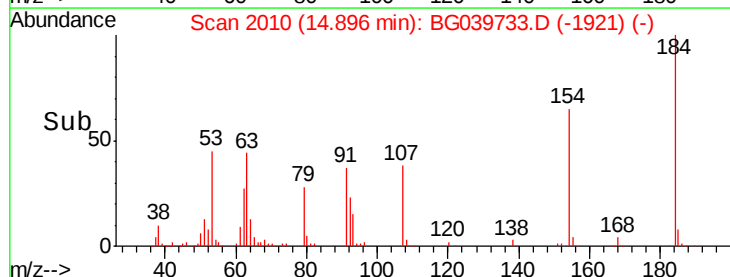
154 64.9 53.0 79.6



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

Dibenzofuran

Concen: 39.220 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

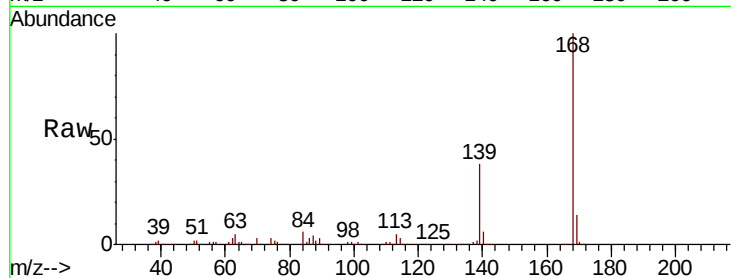
Tgt Ion:168 Resp: 496089

Ion Ratio Lower Upper

168 100

139 38.2 30.1 45.1

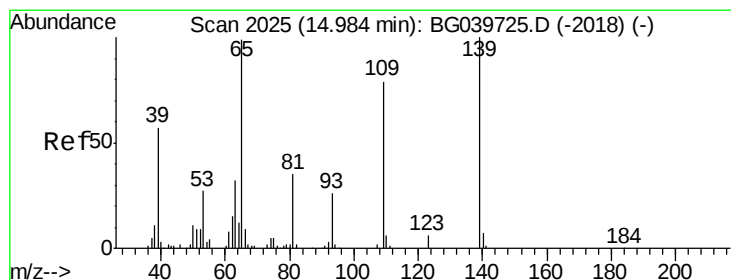
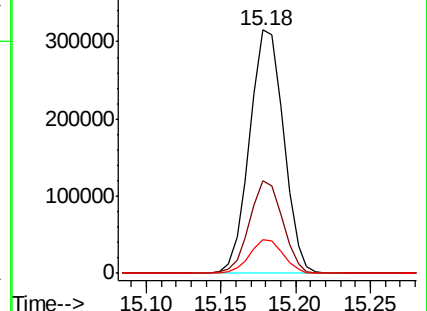
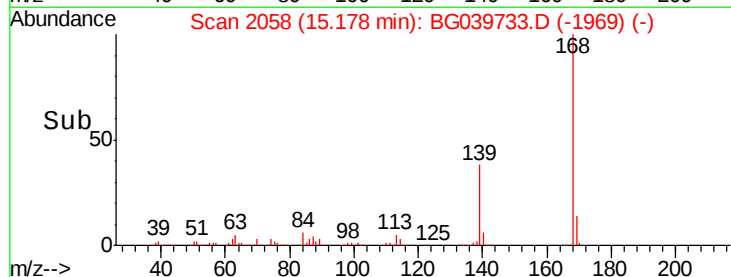
169 13.9 10.6 16.0



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: 82.692 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

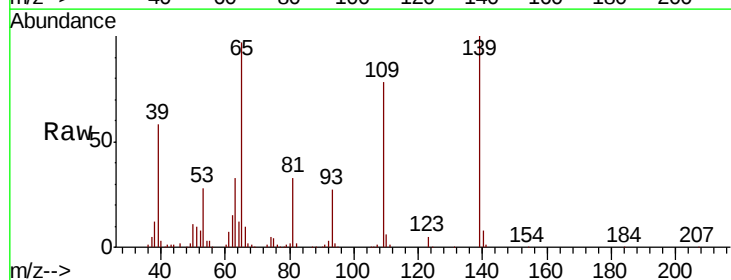
Tgt Ion:139 Resp: 166228

Ion Ratio Lower Upper

139 100

109 78.3 61.9 101.9

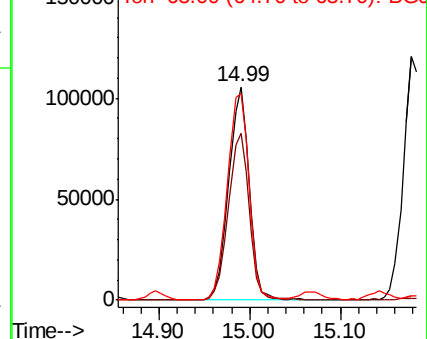
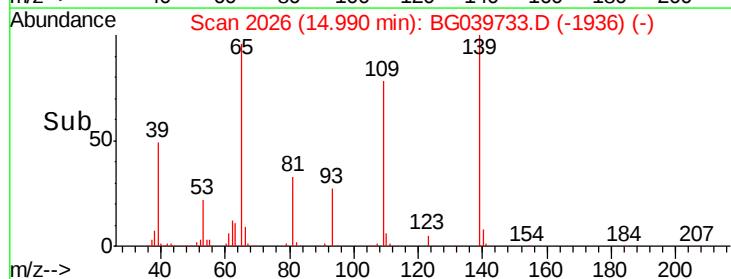
65 96.8 99.1 139.1#

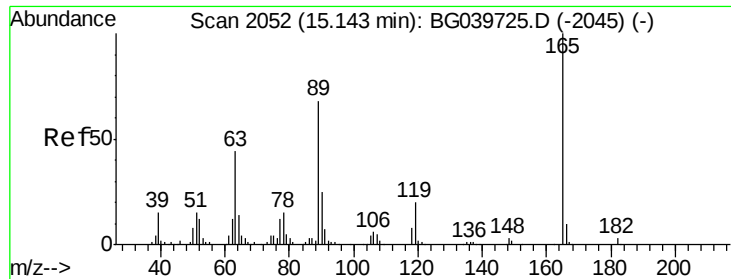


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

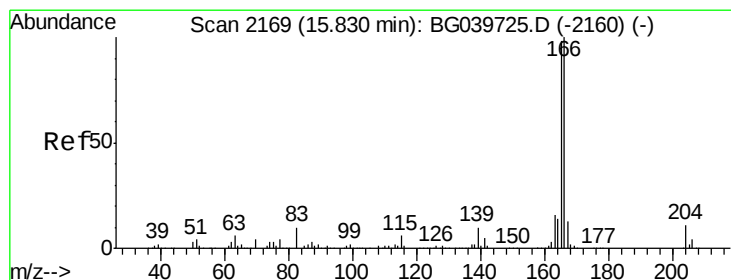
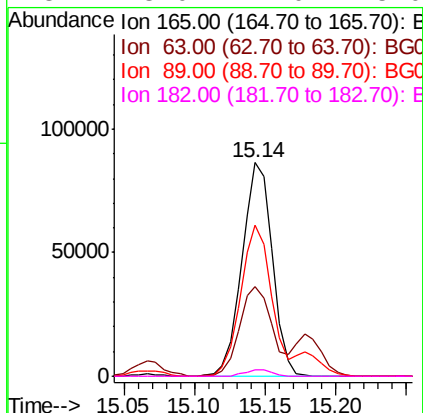
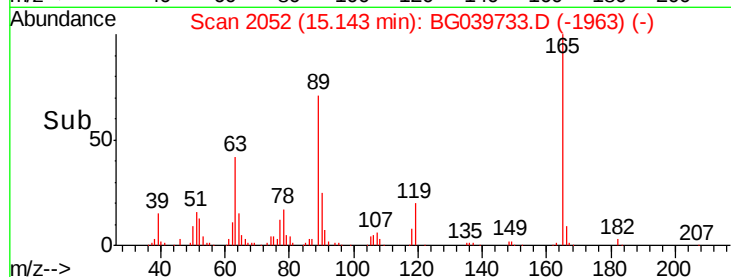
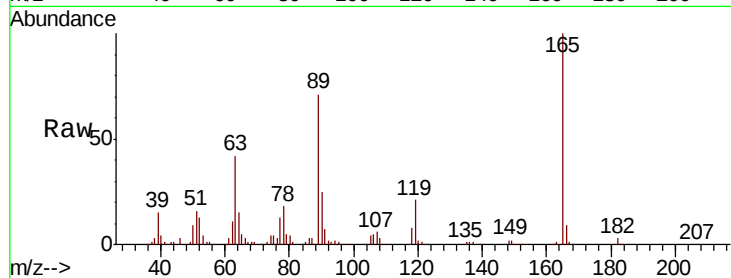




#57
2,4-Dinitrotoluene
Concen: 41.326 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

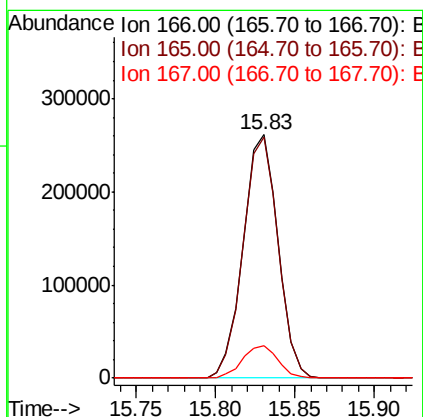
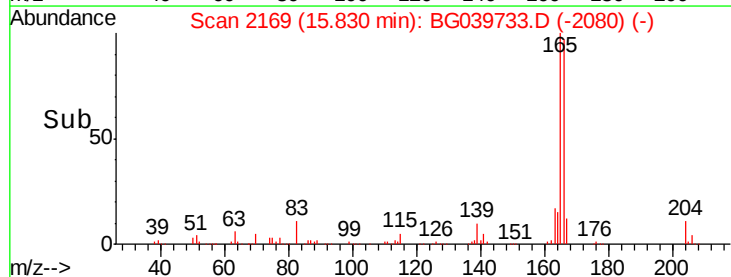
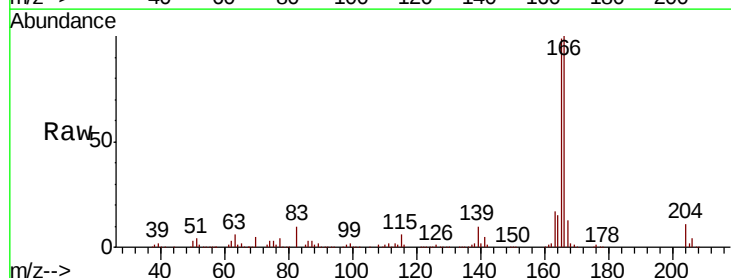
Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.1	41.0	61.6
89	70.5	64.6	96.8
182	3.0	2.0	3.0



#58
Fluorene
Concen: 40.161 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.9	116.9
167	13.3	10.8	16.2

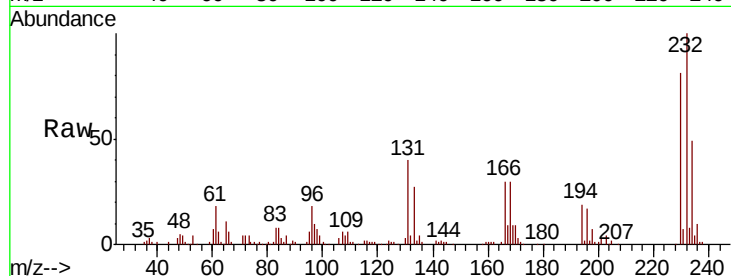




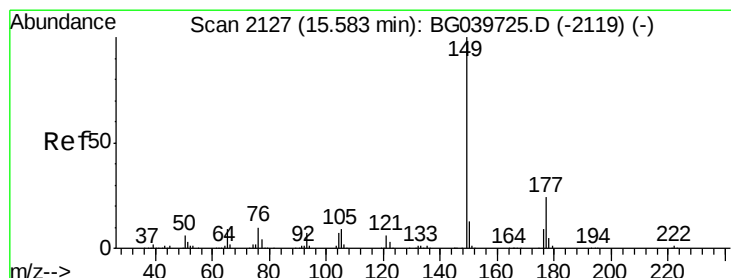
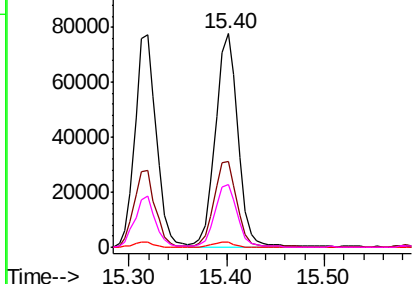
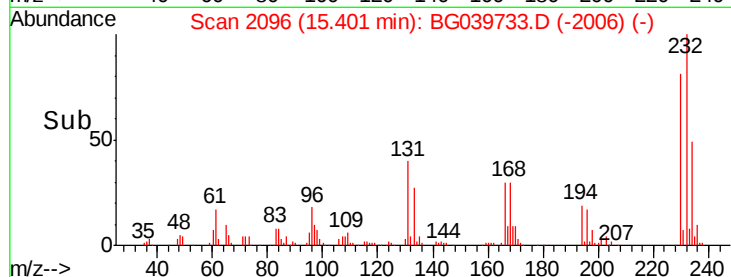
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.942 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion:	232	Resp:	123740
Ion	Ratio	Lower	Upper
232	100		
131	40.2	34.9	52.3
130	2.3	2.0	3.0
166	29.6	24.1	36.1

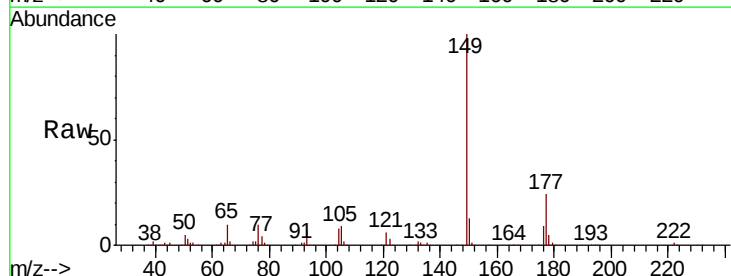


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

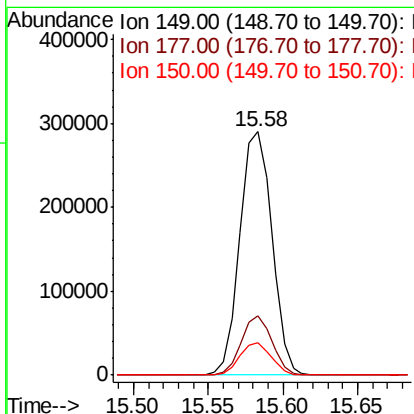
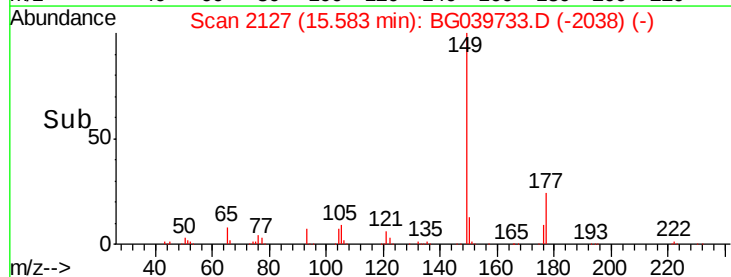


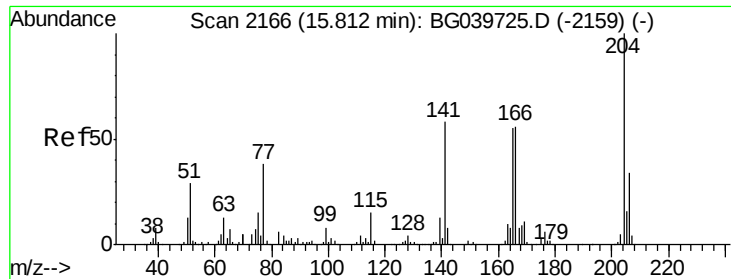
#60
 Diethylphthalate
 Concen: 41.368 ng
 RT: 15.58 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:	149	Resp:	431830
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.3	27.5
150	13.4	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

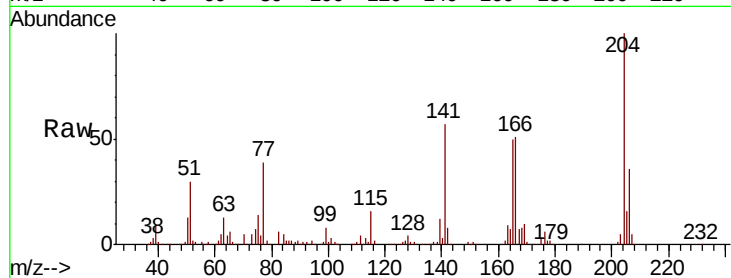




#61
4-Chlorophenyl-phenylether
Concen: 39.807 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	56.8	49.0	73.4

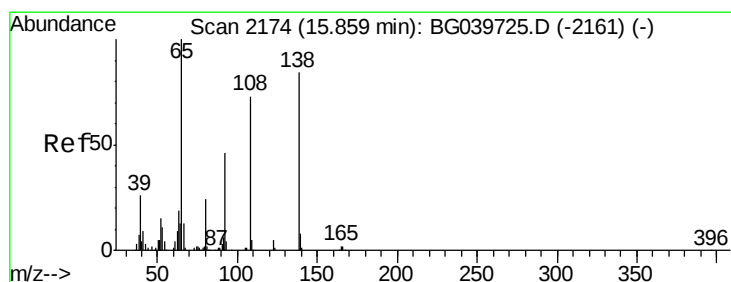
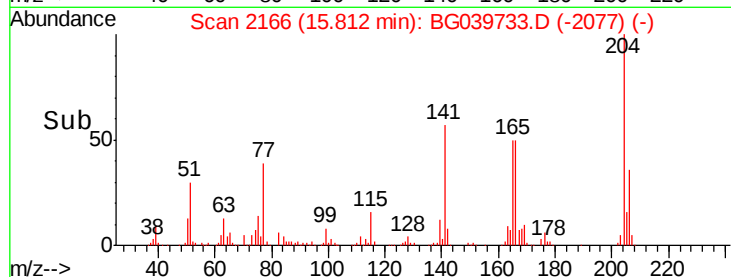
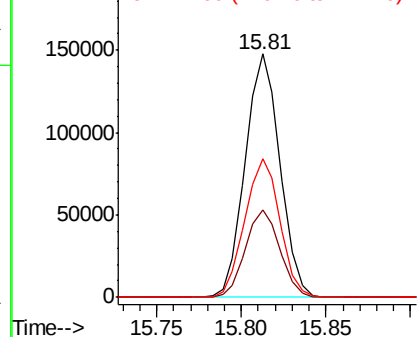


Abundance

Ion 204.00 (203.70 to 204.70): E

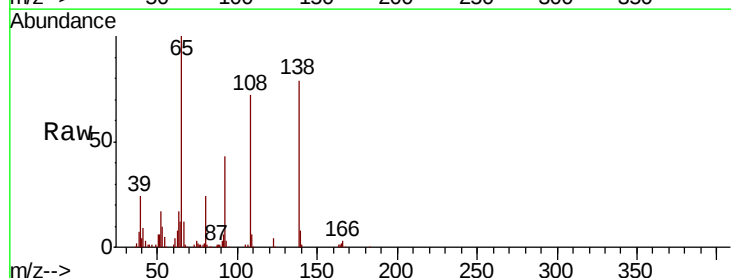
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.327 ng
RT: 15.86 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	38.7	78.7
108	91.5	74.6	114.6

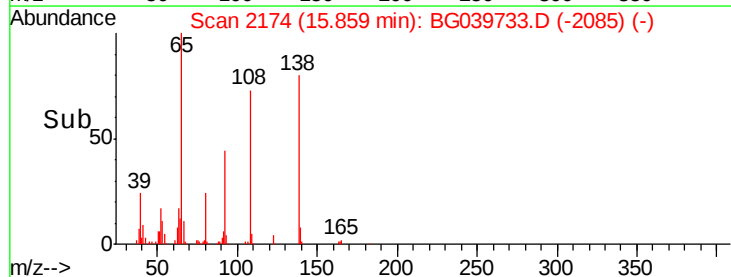
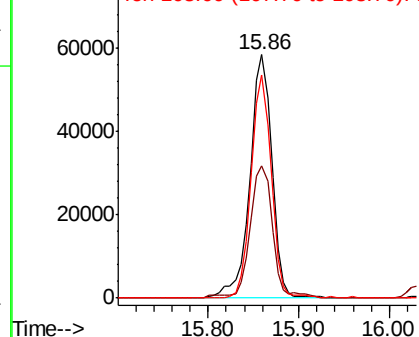


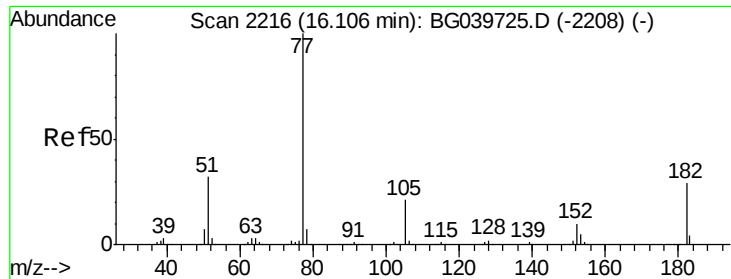
Abundance

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: 40.404 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

Tgt Ion: 77 Resp: 382322

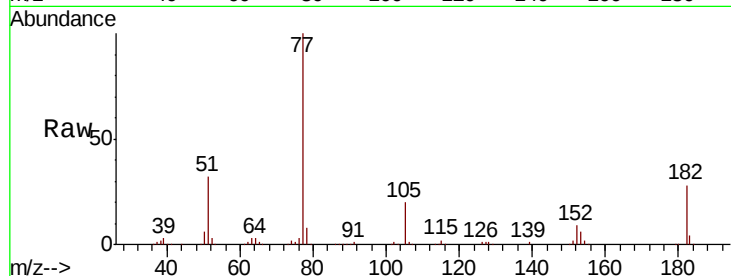
Ion Ratio Lower Upper

77 100

182 27.6 6.4 46.4

105 19.6 0.0 39.8

51 31.5 14.1 54.1

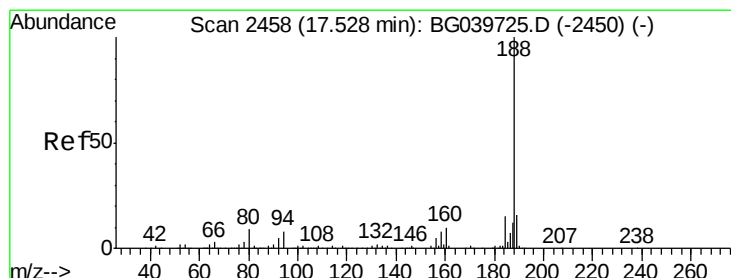
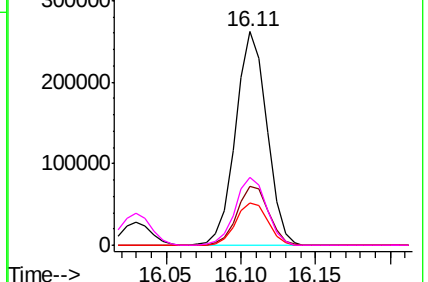
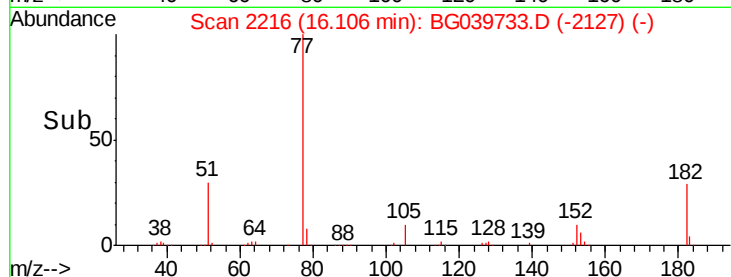


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039733.D

Acq: 4 Mar 2019 16:13

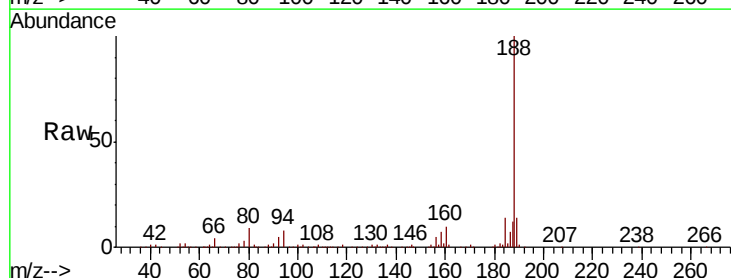
Tgt Ion: 188 Resp: 317403

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

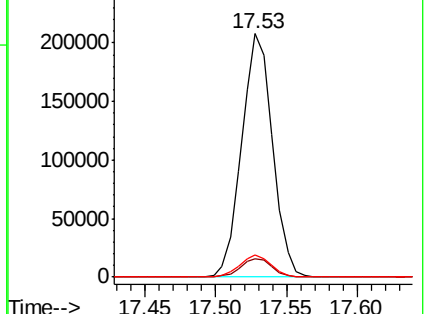
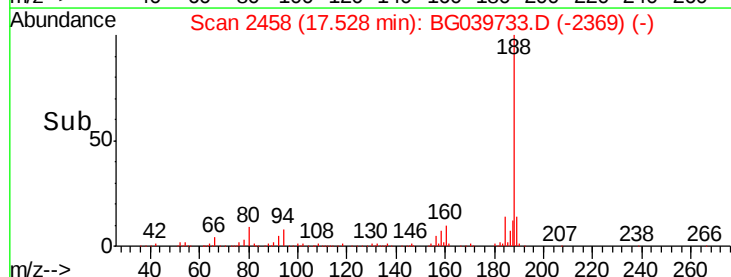
80 8.9 8.1 12.1

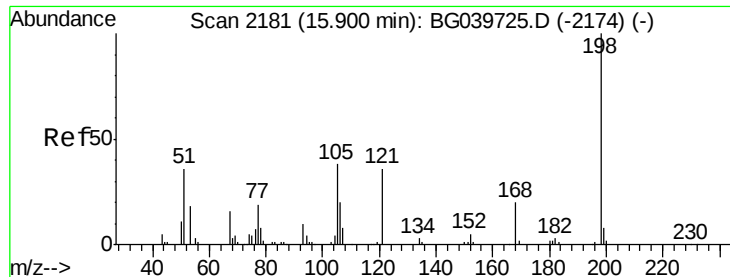


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

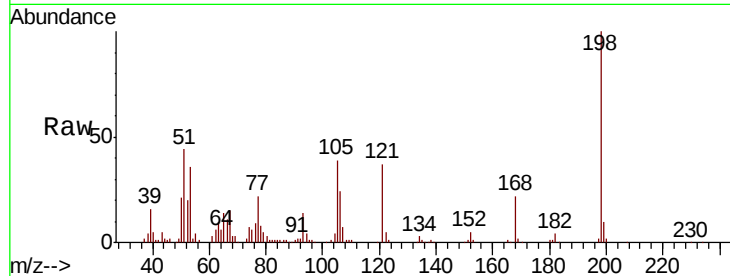




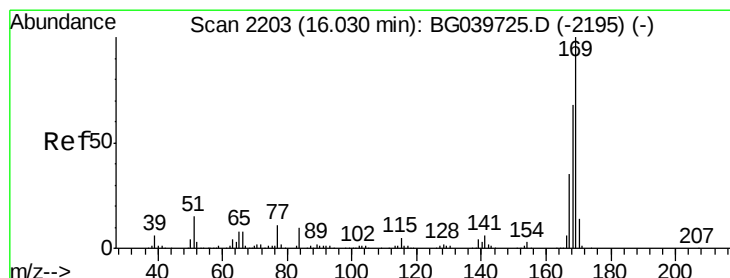
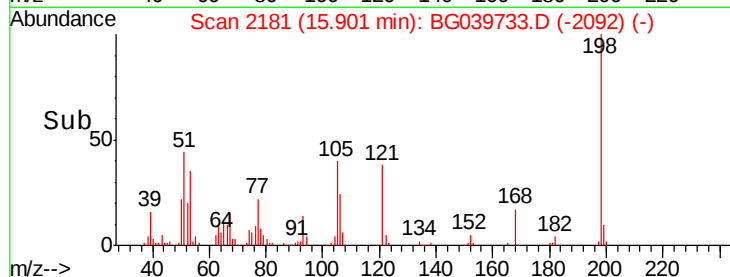
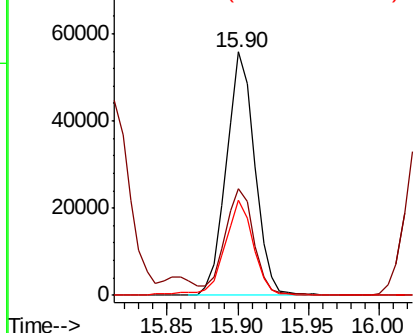
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.679 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion:198 Resp: 78219
 Ion Ratio Lower Upper
 198 100
 51 43.8 27.4 67.4
 105 39.3 19.7 59.7

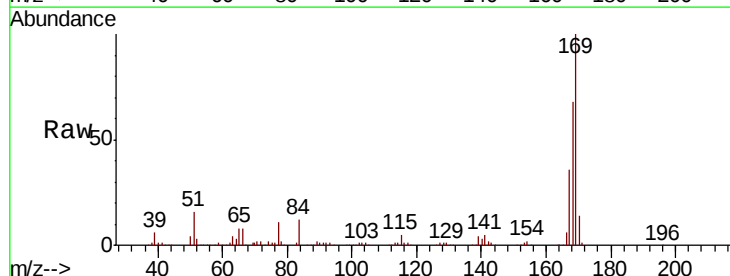


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

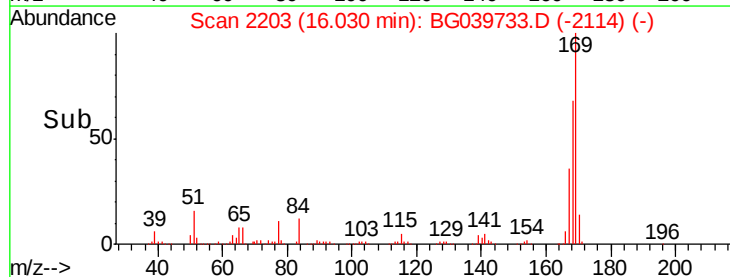
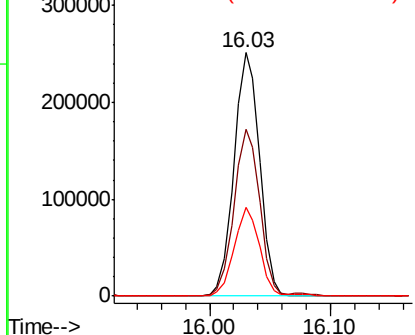


#66
 n-Nitrosodiphenylamine
 Concen: 40.338 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:169 Resp: 370661
 Ion Ratio Lower Upper
 169 100
 168 68.3 56.6 85.0
 167 36.4 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: 39.566 ng

RT: 16.71 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

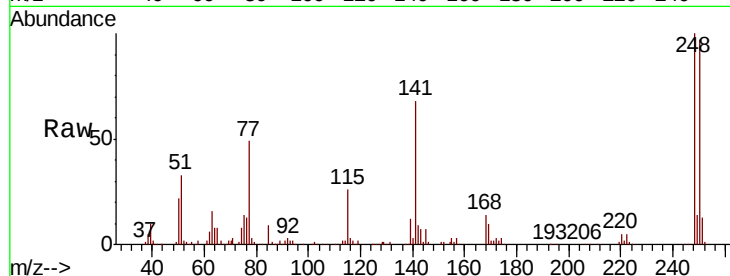
Tgt Ion:248 Resp: 140572

Ion Ratio Lower Upper

248 100

250 97.2 77.6 116.4

141 68.3 63.9 95.9

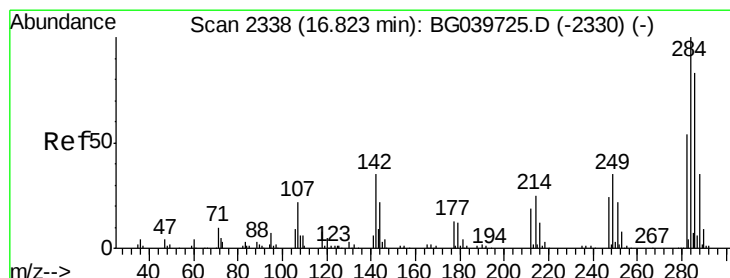
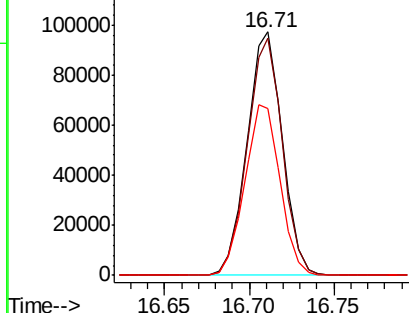
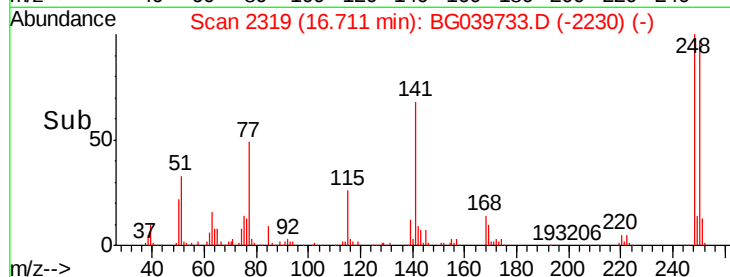


Abundance

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: 38.815 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

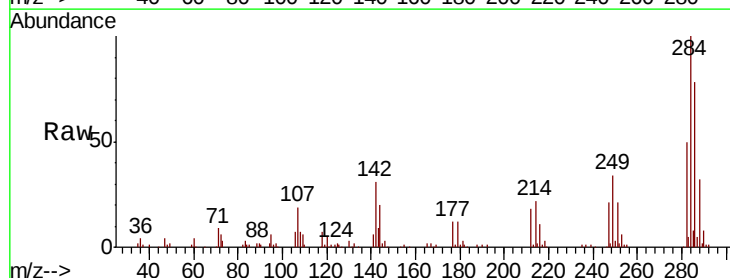
Tgt Ion:284 Resp: 142945

Ion Ratio Lower Upper

284 100

142 31.0 30.6 45.8

249 34.3 28.2 42.2

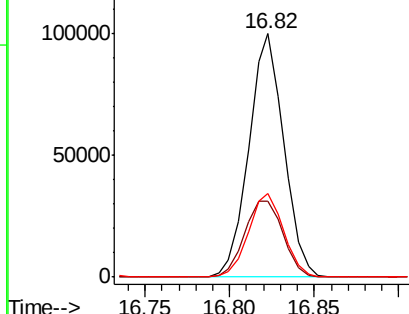
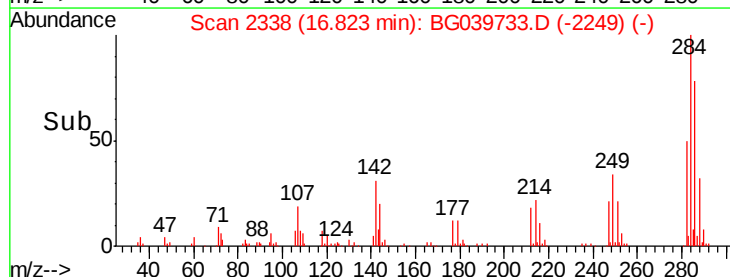


Abundance

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: 40.639 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampled :

PB117572BS

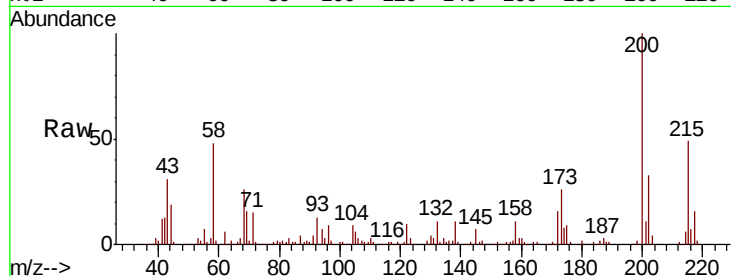
Tgt Ion:200 Resp: 146967

Ion Ratio Lower Upper

200 100

173 26.1 3.9 43.9

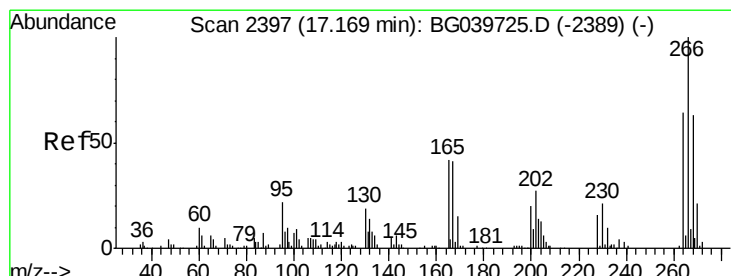
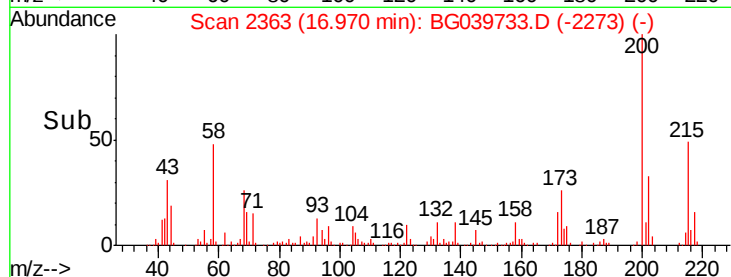
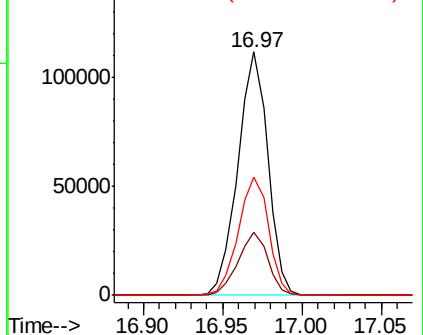
215 48.7 30.9 70.9



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: 80.908 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

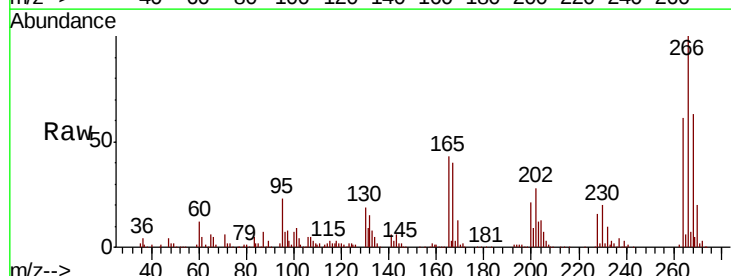
Tgt Ion:266 Resp: 188178

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

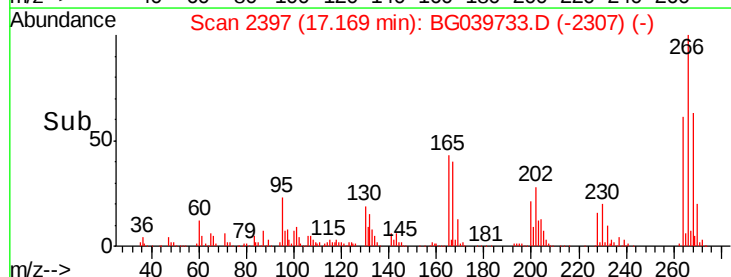
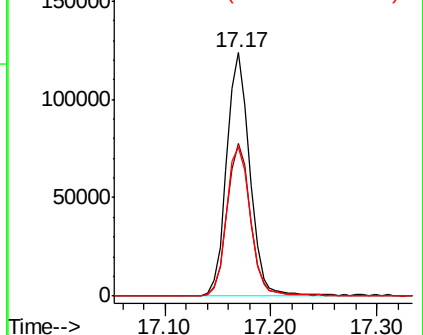
264 61.1 52.1 78.1

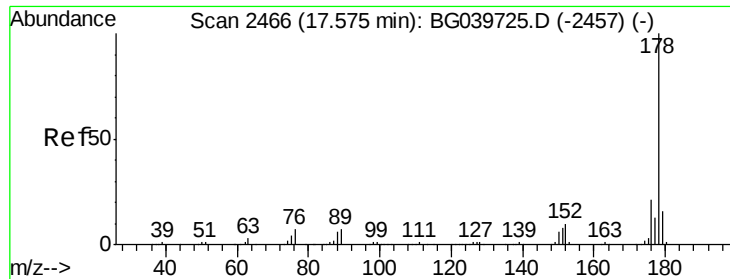


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

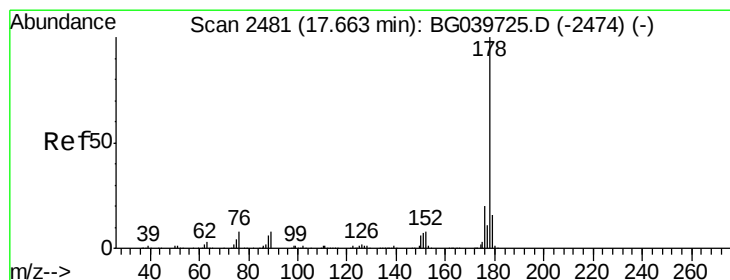
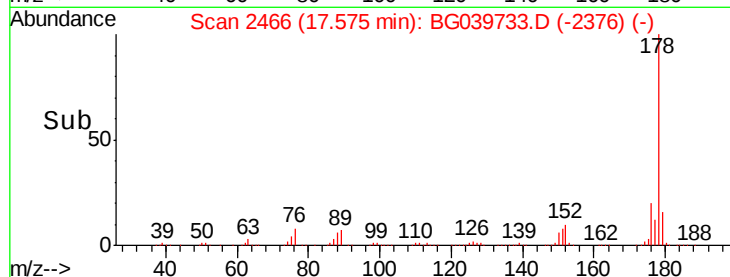
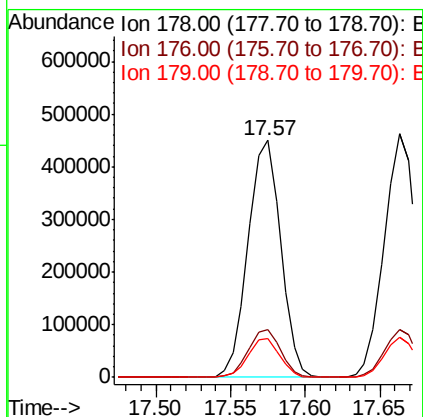
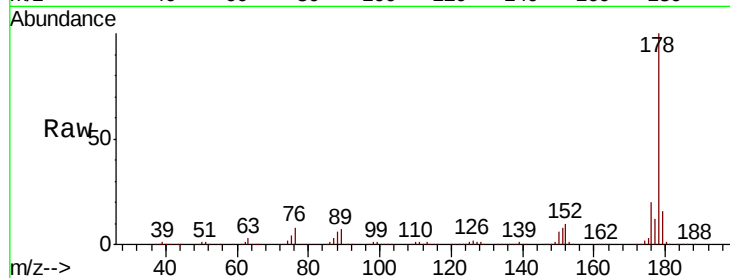




#71
Phenanthrene
Concen: 38.913 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

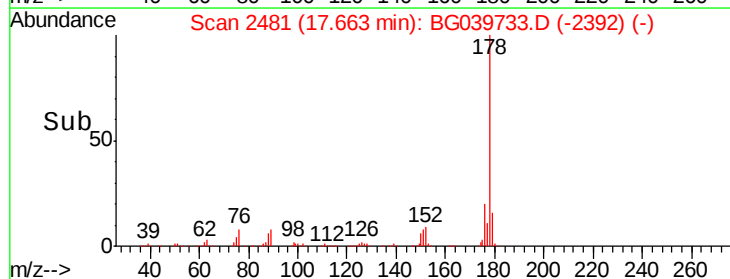
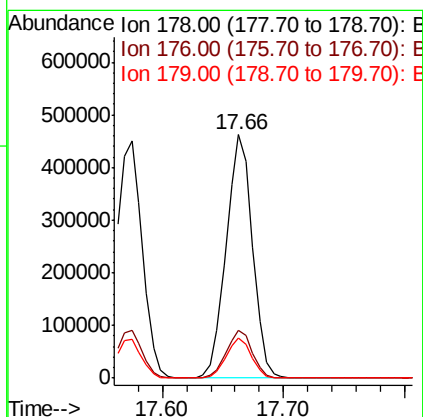
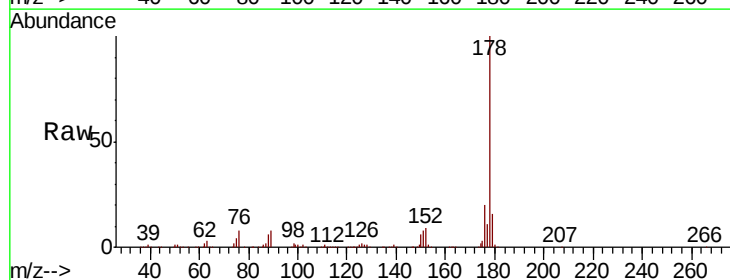
Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion:178 Resp: 680317
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 40.978 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:178 Resp: 698132
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.5 12.5 18.7

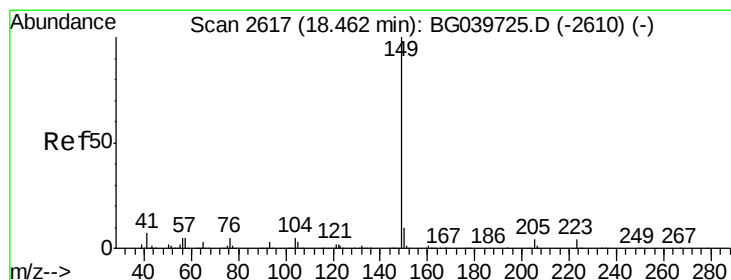
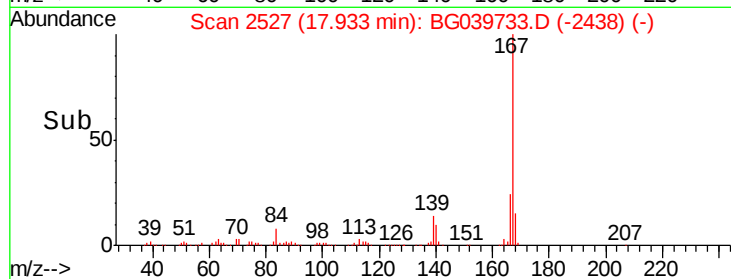
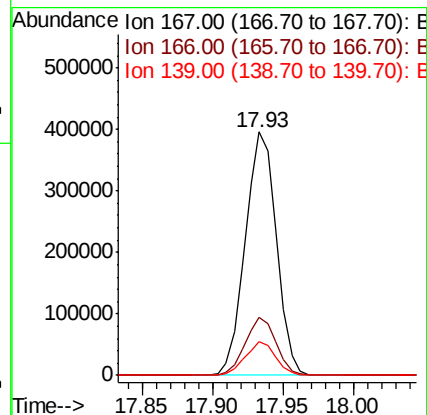
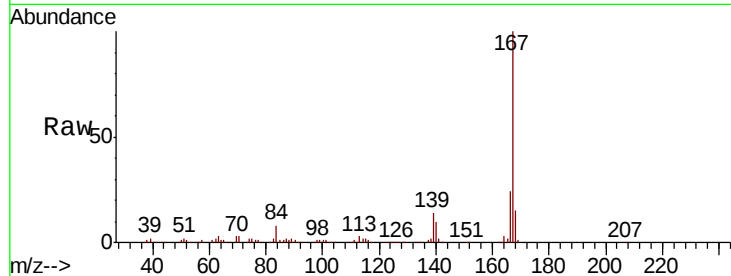




#73
 Carbazole
 Concen: 39.943 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

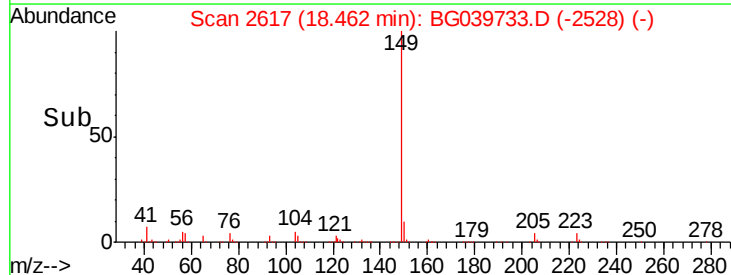
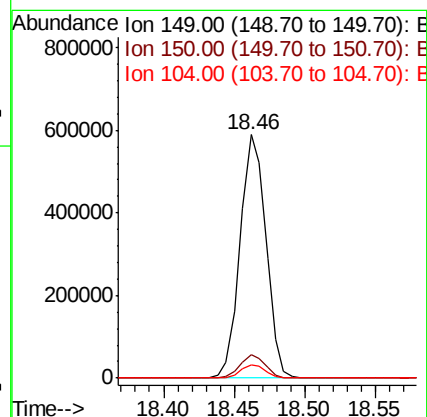
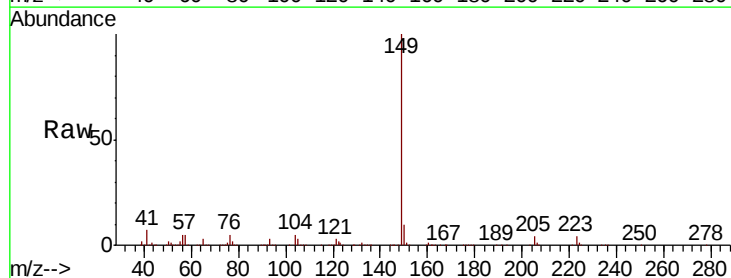
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

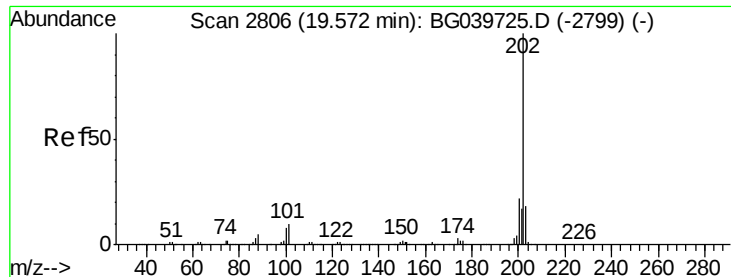
Tgt Ion:167 Resp: 613480
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.546 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:149 Resp: 750770
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 4.5 6.7





#75

Fluoranthene

Concen: 40.255 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

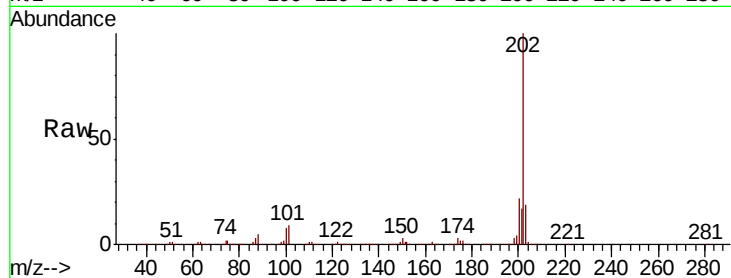
Tgt Ion:202 Resp: 831747

Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.0

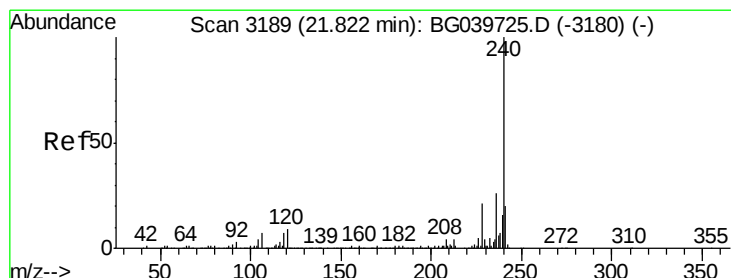
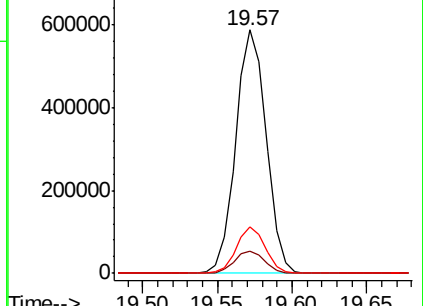
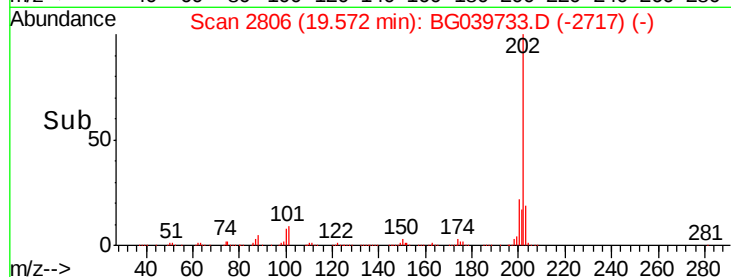
203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

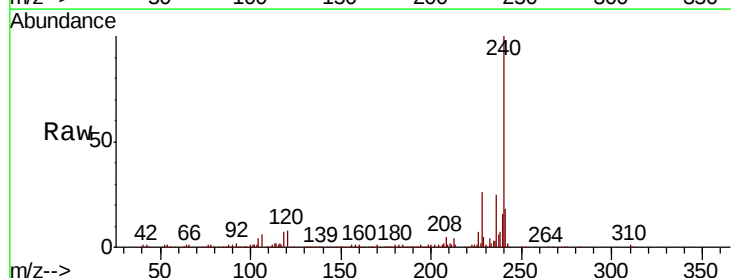
Tgt Ion:240 Resp: 330262

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

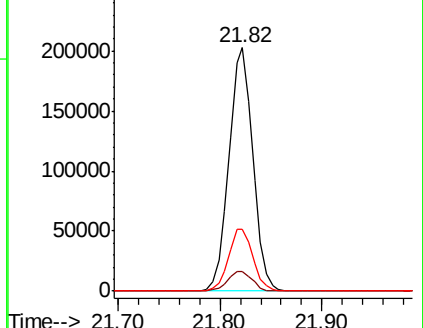
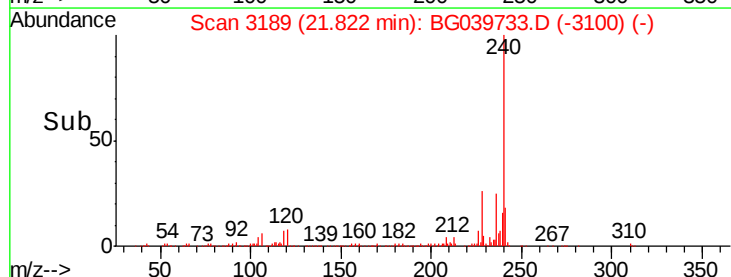
236 25.3 21.0 31.4

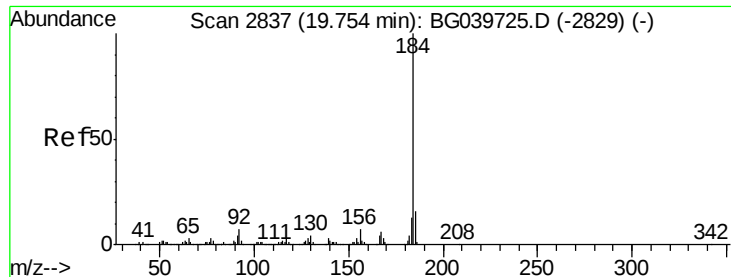


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.773 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

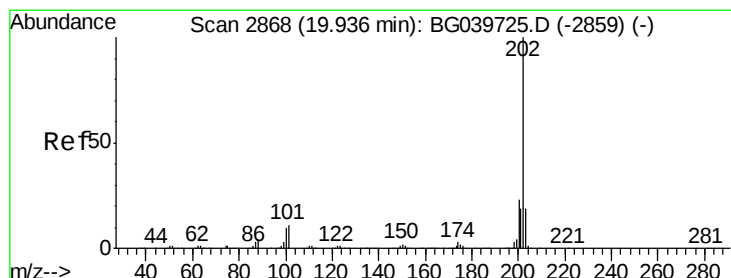
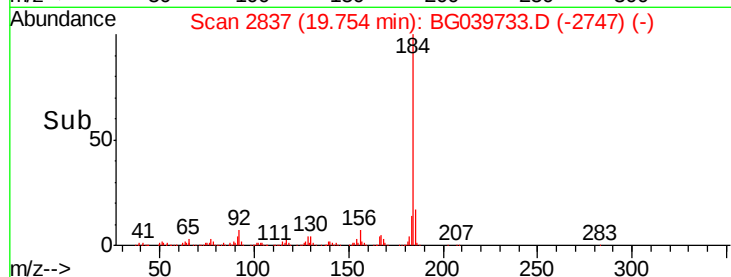
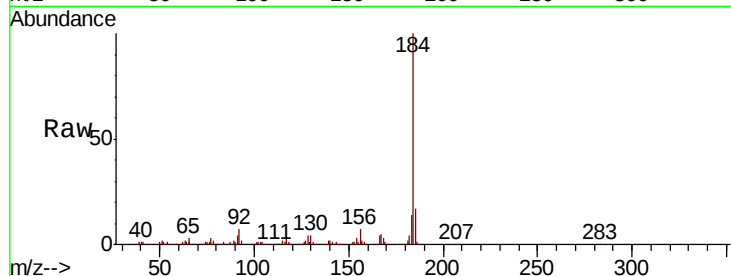
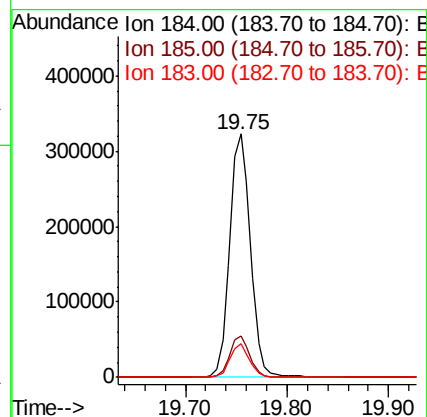
BNA_G

ClientSampleId :

PB117572BS

Tgt Ion:184 Resp: 458746

Ion	Ratio	Lower	Upper
184	100		
185	17.0	12.2	18.2
183	13.9	10.6	15.8



#78

Pyrene

Concen: 38.820 ng

RT: 19.94 min Scan# 2868

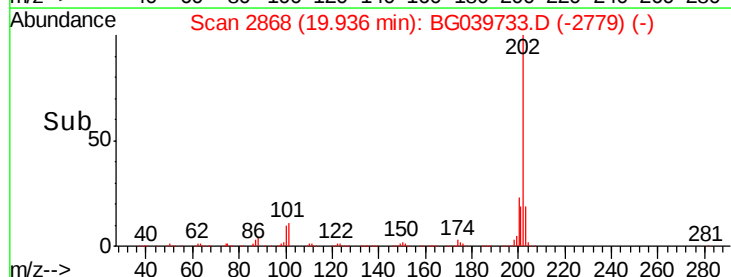
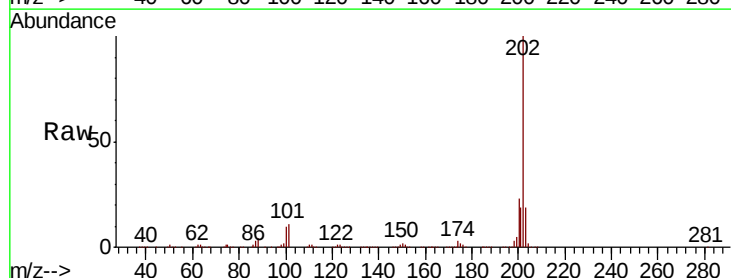
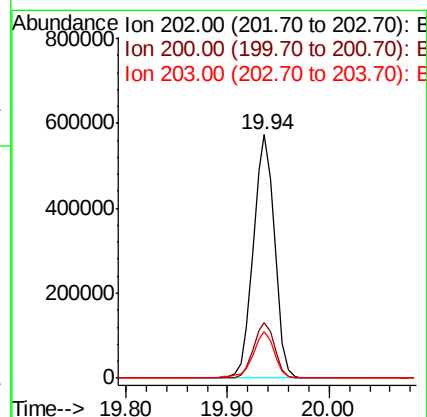
Delta R.T. -0.01 min

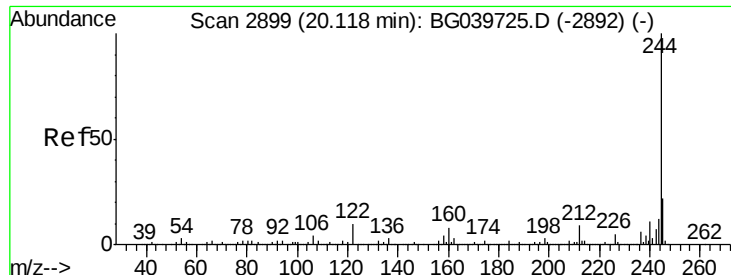
Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Tgt Ion:202 Resp: 833094

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.8
203	18.8	15.3	22.9

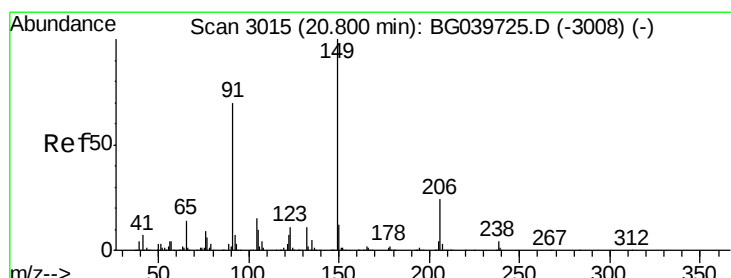
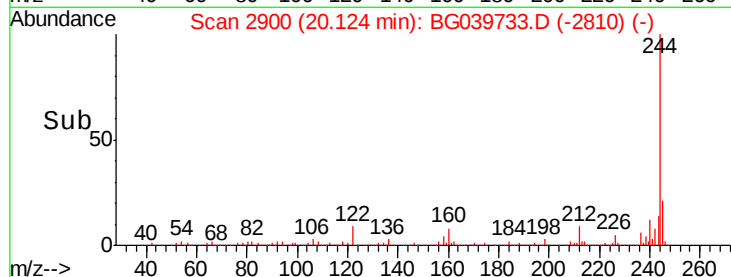
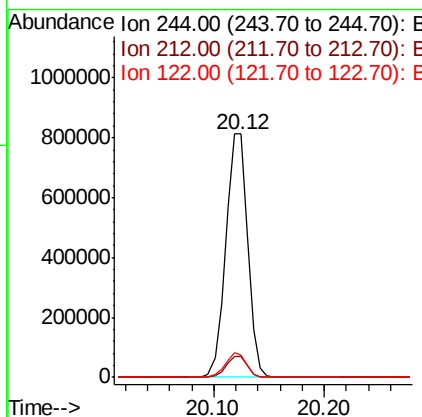
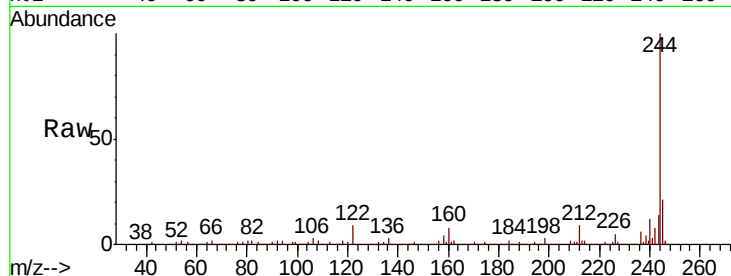




#79
 Terphenyl-d14
 Concen: 74.933 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.00 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

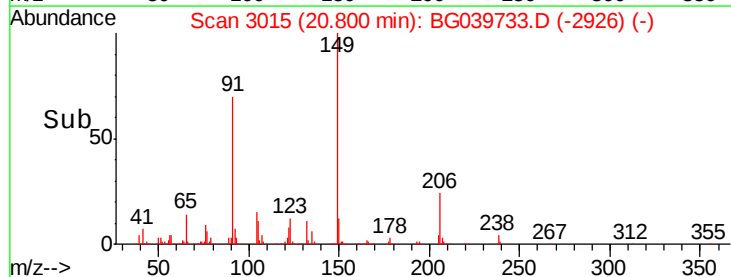
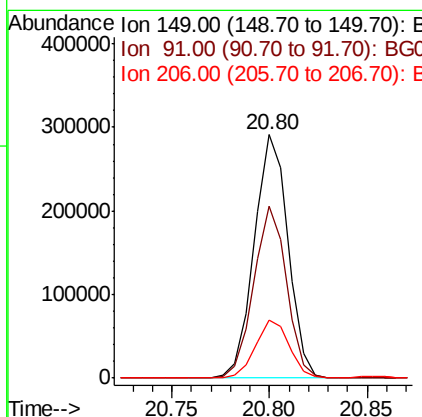
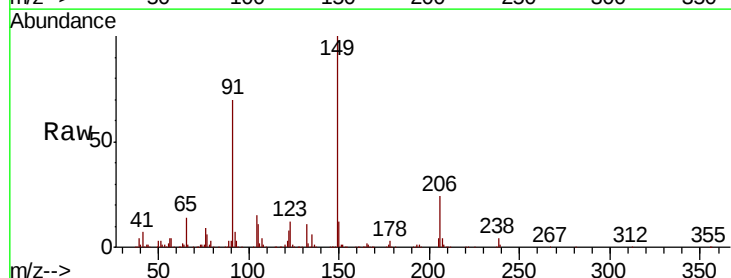
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

Tgt Ion:244 Resp: 1123958
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.3 10.9
 122 9.0 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 41.995 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:149 Resp: 349167
 Ion Ratio Lower Upper
 149 100
 91 70.4 59.5 89.3
 206 23.7 18.6 27.8

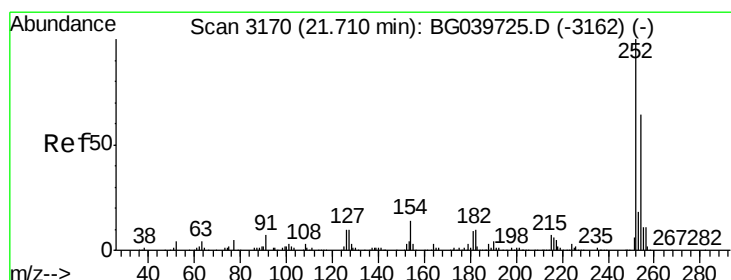
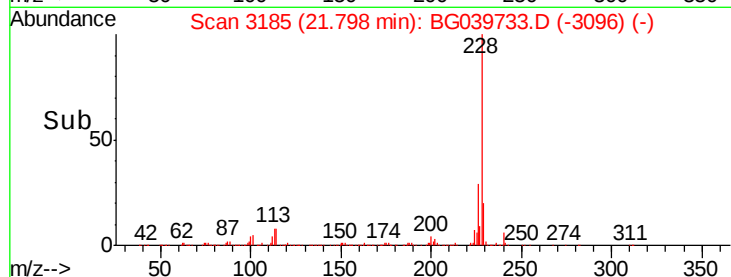
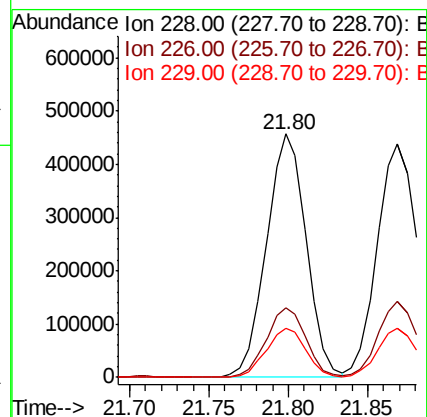
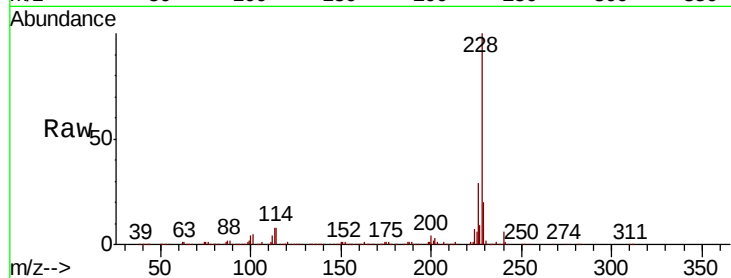




#81
Benzo(a)anthracene
Concen: 38.399 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

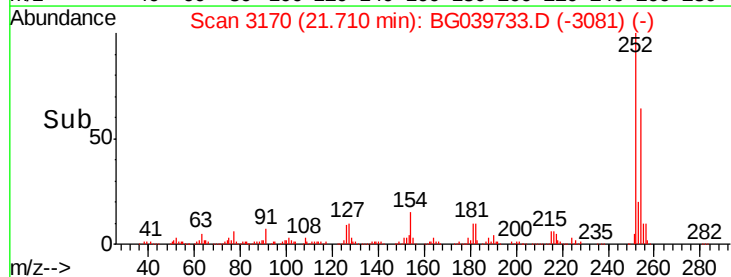
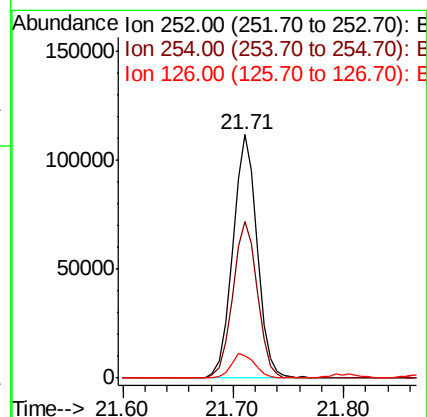
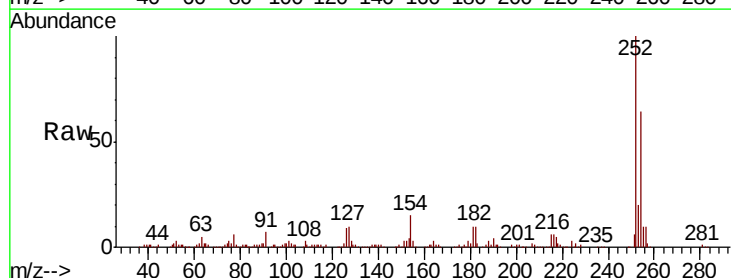
Instrument :
BNA_G
ClientSampleId :
PB117572BS

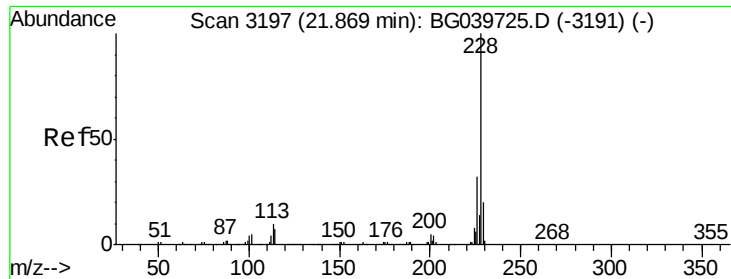
Tgt Ion:228 Resp: 794794
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 20.0 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 22.829 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:252 Resp: 172518
Ion Ratio Lower Upper
252 100
254 64.2 51.3 76.9
126 9.3 8.0 12.0





#83

Chrysene

Concen: 38.154 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

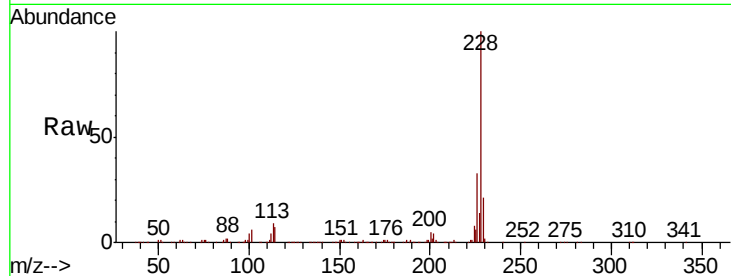
Tgt Ion:228 Resp: 765612

Ion Ratio Lower Upper

228 100

226 32.5 25.8 38.6

229 20.8 16.6 25.0

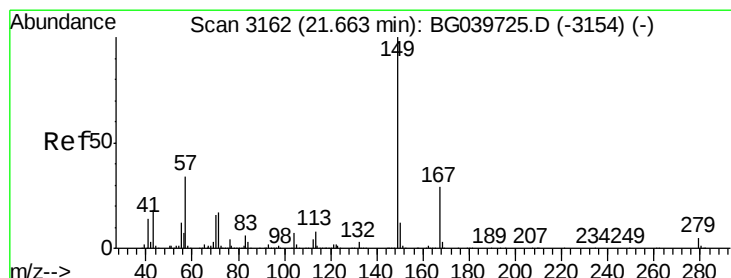
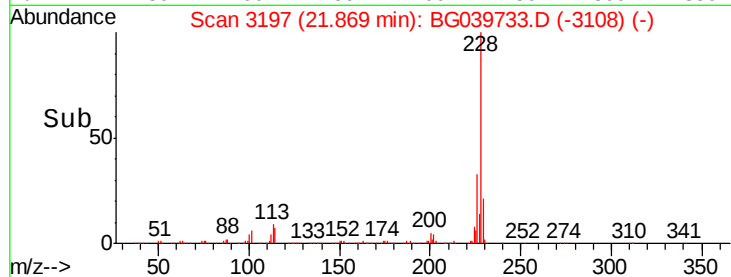
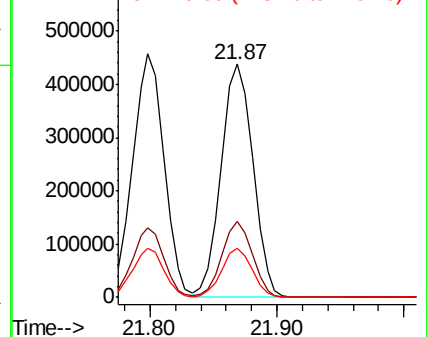


Abundance

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: 41.282 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

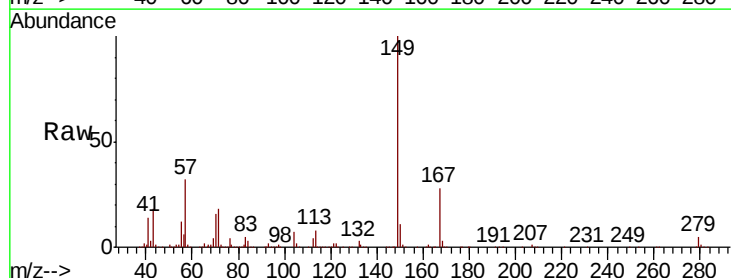
Tgt Ion:149 Resp: 482324

Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

279 4.8 3.5 5.3

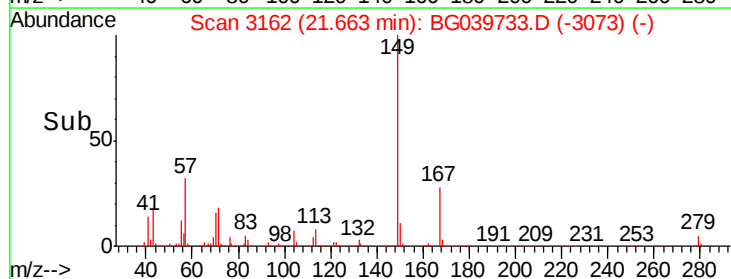
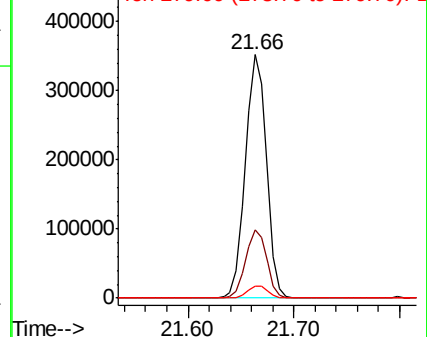


Abundance

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

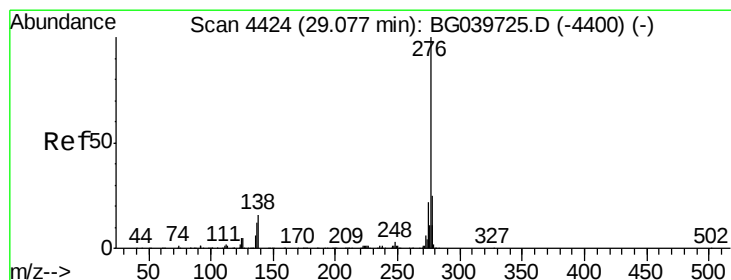
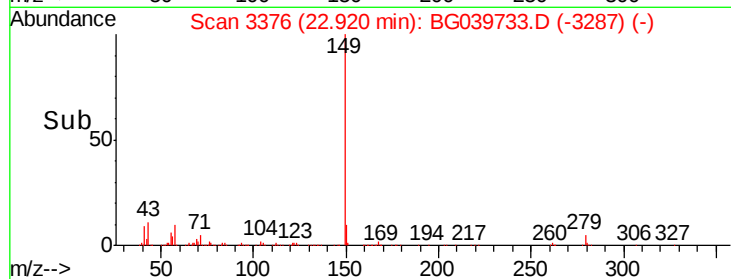
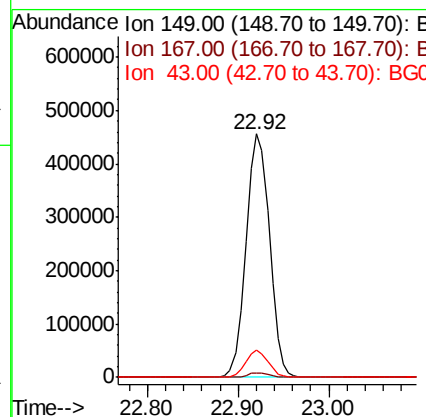
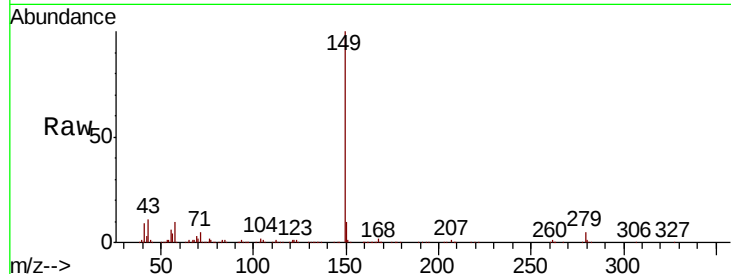




#85
 Di-n-octyl phthalate
 Concen: 42.215 ng
 RT: 22.92 min Scan# 3376
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

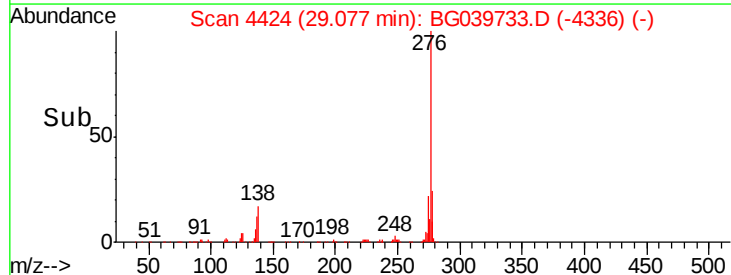
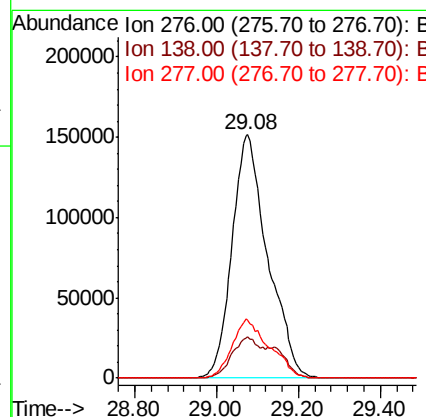
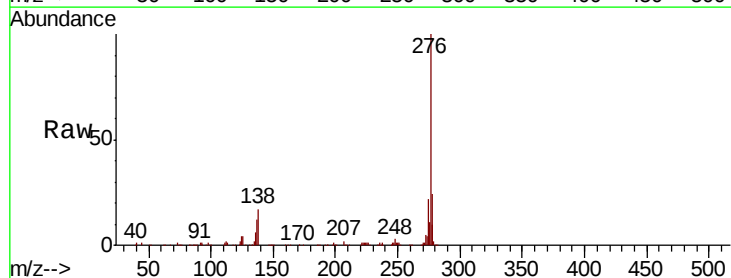
Instrument :
 BNA_G
 ClientSampleId :
 PB117572BS

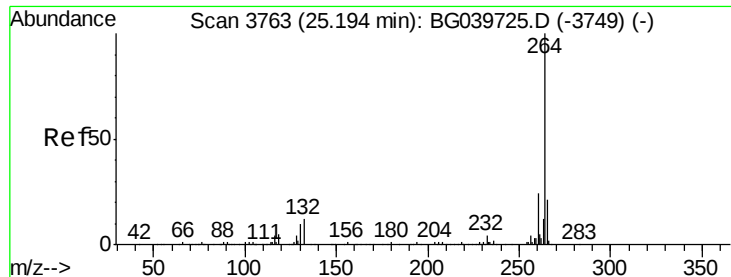
Tgt Ion:149 Resp: 816671
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.8 10.2 15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.188 ng
 RT: 29.08 min Scan# 4424
 Delta R.T. -0.01 min
 Lab File: BG039733.D
 Acq: 4 Mar 2019 16:13

Tgt Ion:276 Resp: 914873
 Ion Ratio Lower Upper
 276 100
 138 13.6 12.6 19.0
 277 25.4 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

Instrument :

BNA_G

ClientSampleId :

PB117572BS

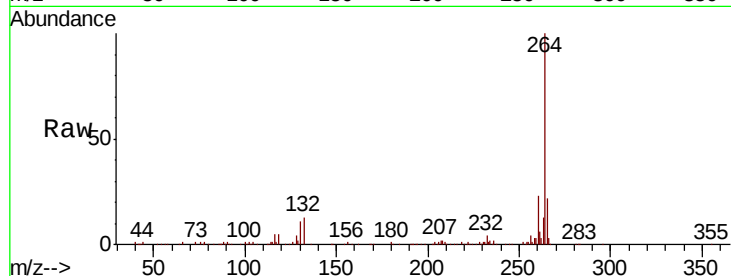
Tgt Ion:264 Resp: 338265

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.4

265 21.8 18.5 27.7

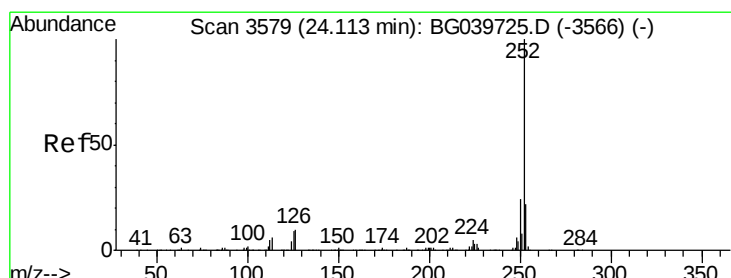
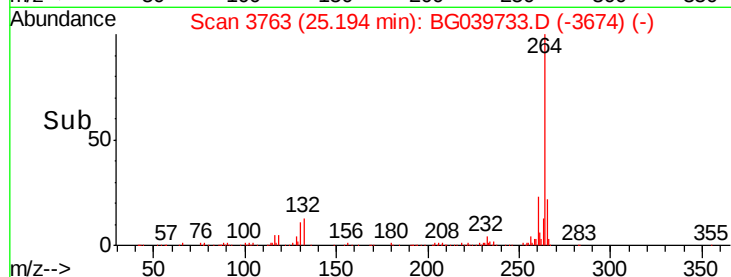
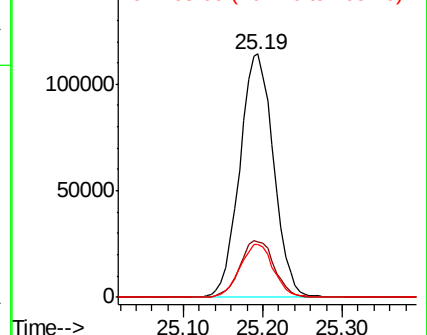


Abundance

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: 39.437 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG039733.D

Acq: 4 Mar 2019 16:13

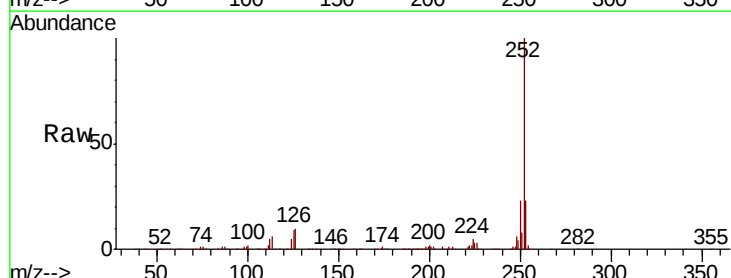
Tgt Ion:252 Resp: 795499

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.6 7.8 11.6

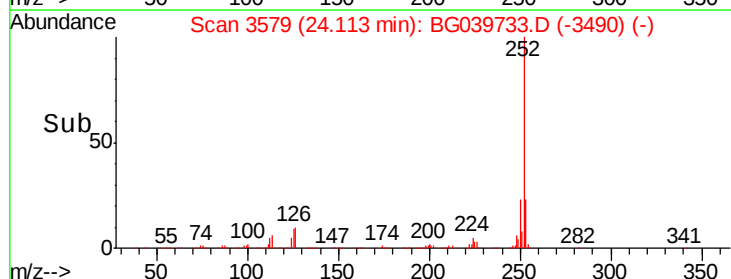
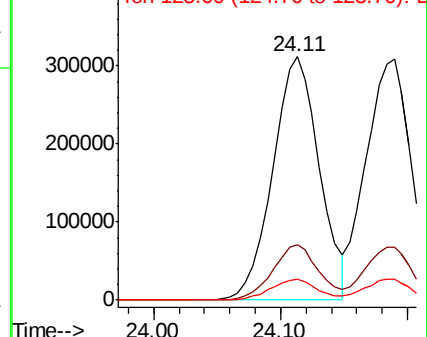


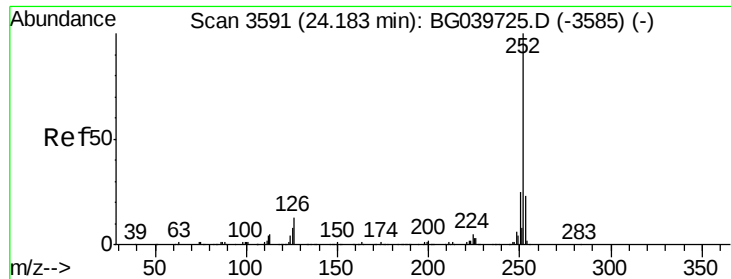
Abundance

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

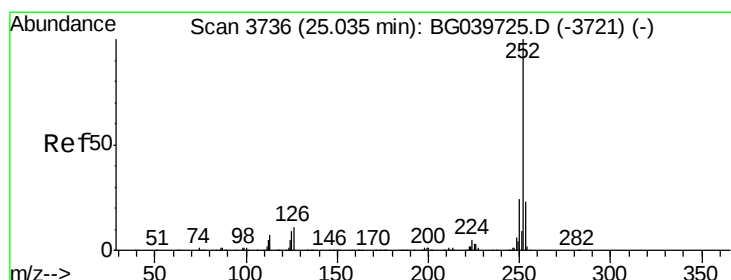
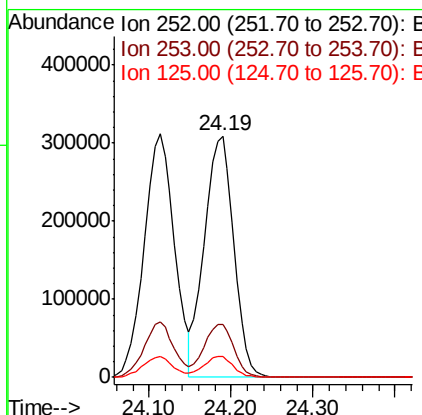
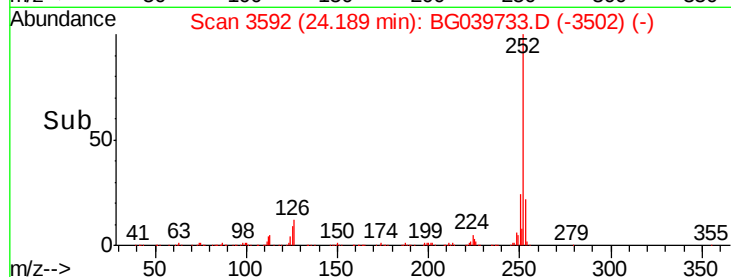
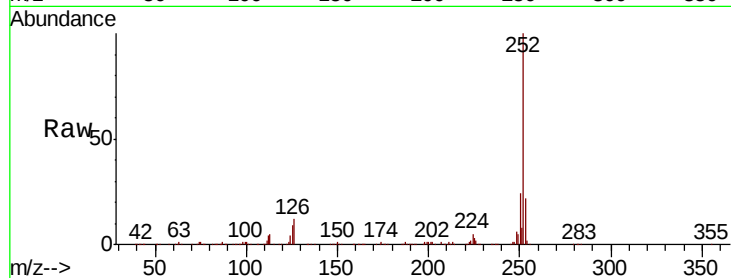




#89
Benzo(k)fluoranthene
Concen: 41.073 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

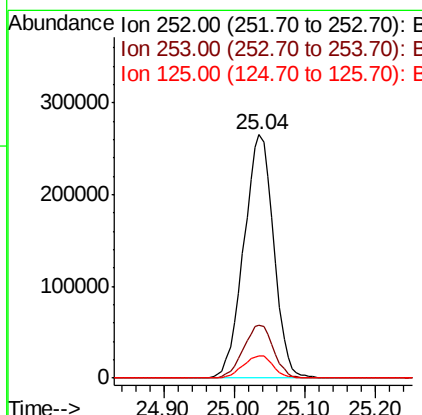
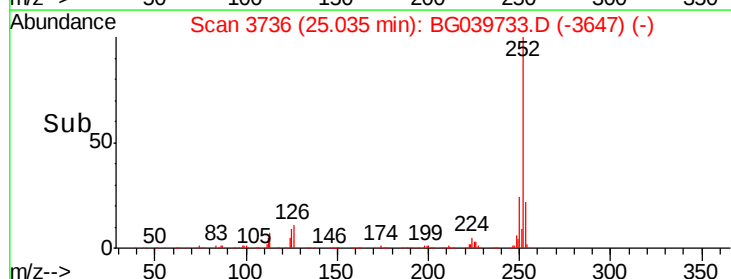
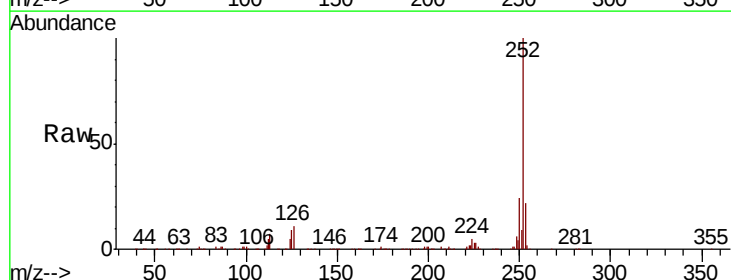
Instrument :
BNA_G
ClientSampleId :
PB117572BS

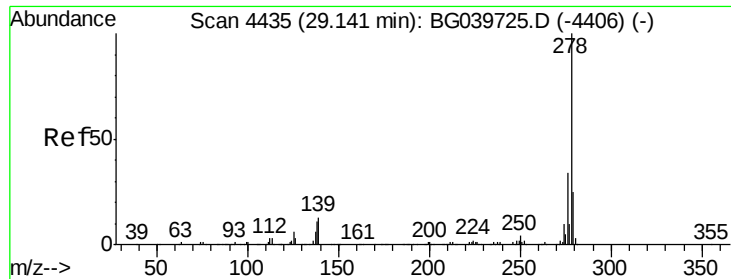
Tgt Ion:252 Resp: 771217
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 41.914 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion:252 Resp: 781248
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.0 8.3 12.5

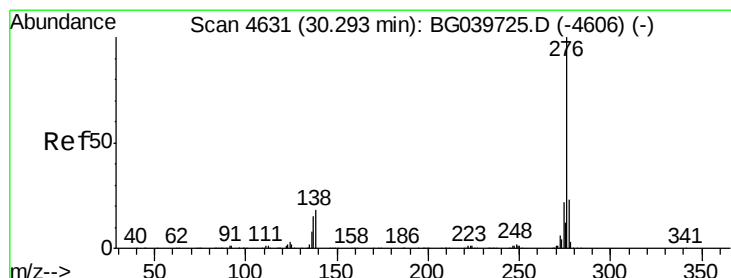
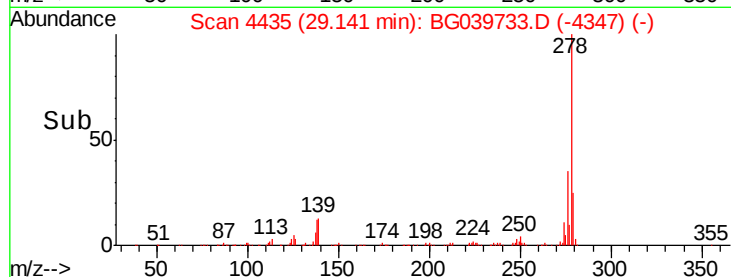
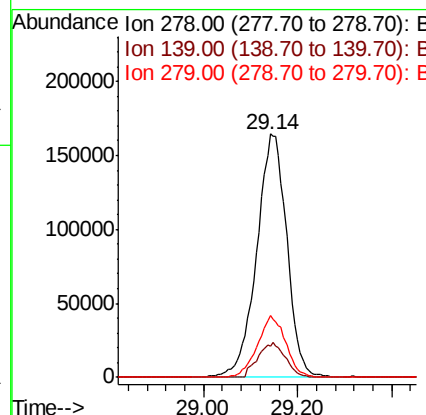
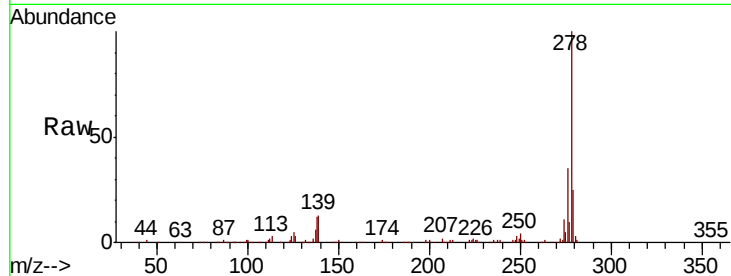




#91
Dibenzo(a,h)anthracene
Concen: 40.237 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Instrument :
BNA_G
ClientSampleId :
PB117572BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	11.7	17.5
279	25.3	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.876 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG039733.D
Acq: 4 Mar 2019 16:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.6	14.7	22.1

