

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039769.D
 Acq On : 5 Mar 2019 18:05
 Operator : JU/SJ
 Sample : PB117613BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Quant Time: Mar 06 00:42:56 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	41305	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	185100	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	129674	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	327606	20.00	ng	0.00
76) Chrysene-d12	21.82	240	339422	20.00	ng	0.00
87) Perylene-d12	25.19	264	341823	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	358385	148.02	ng	0.00
7) Phenol-d6	7.31	99	504444	139.73	ng	0.00
23) Nitrobenzene-d5	9.33	82	264831	77.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	205369	135.88	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	662708	72.77	ng	-0.01
79) Terphenyl-d14	20.12	244	1150863	74.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	42189	37.744	ng	96
3) Pyridine	3.99	79	104312	34.858	ng	92
4) n-Nitrosodimethylamine	3.91	42	56591	39.864	ng	86
6) Aniline	7.48	93	142146	30.054	ng	98
8) 2-Chlorophenol	7.72	128	123026	41.884	ng	97
9) Benzaldehyde	7.29	77	80597	34.610	ng	100
10) Phenol	7.33	94	170019	43.473	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	116555	38.225	ng	100
12) 1,3-Dichlorobenzene	8.04	146	125437	37.759	ng	97
13) 1,4-Dichlorobenzene	8.19	146	127612	37.713	ng	99
14) 1,2-Dichlorobenzene	8.51	146	120741	36.931	ng	99
15) Benzyl Alcohol	8.39	79	119289	41.656	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	233464	38.283	ng	100
17) 2-Methylphenol	8.59	107	110369	44.259	ng	98
18) Hexachloroethane	9.24	117	44097	36.319	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	97031	37.342	ng	94
20) 3+4-Methylphenols	8.92	107	153726	44.374	ng	98
22) Acetophenone	8.99	105	179983	36.228	ng	# 96
24) Nitrobenzene	9.38	77	142170	39.597	ng	95
25) Isophorone	9.89	82	280111	39.061	ng	98
26) 2-Nitrophenol	10.08	139	69917	40.332	ng	# 94
27) 2,4-Dimethylphenol	10.13	122	132514	49.151	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	168896	38.756	ng	97
29) 2,4-Dichlorophenol	10.62	162	138950	45.775	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	132207	38.705	ng	97
31) Naphthalene	11.03	128	379206	38.693	ng	99
32) Benzoic acid	10.25	122	75202	41.638	ng	90
33) 4-Chloroaniline	11.14	127	91312	21.973	ng	94
34) Hexachlorobutadiene	11.29	225	84555	36.226	ng	99
35) Caprolactam	11.96	113	19451	16.775	ng	96
36) 4-Chloro-3-methylphenol	12.24	107	153688	44.168	ng	98
37) 2-Methylnaphthalene	12.62	142	298074	40.682	ng	99
38) 1-Methylnaphthalene	12.84	142	282851	39.724	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	163649	37.252	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	213645	90.749	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	112632	43.793	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	124857	43.069	ng	98
46) 1,1'-Biphenyl	13.62	154	409972	38.439	ng	99
47) 2-Chloronaphthalene	13.67	162	314162	39.155	ng	98
48) 2-Nitroaniline	13.87	65	112831	43.758	ng	96
49) Acenaphthylene	14.51	152	512213	38.888	ng	99
50) Dimethylphthalate	14.23	163	434010	40.026	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95812	41.681	ng	99
52) Acenaphthene	14.85	154	313688	39.569	ng	99
53) 3-Nitroaniline	14.70	138	62874	27.210	ng	# 93
54) 2,4-Dinitrophenol	14.90	184	97614	68.168	ng	98
55) Dibenzofuran	15.18	168	513991	39.517	ng	99
56) 4-Nitrophenol	14.99	139	171825	83.125	ng	94
57) 2,4-Dinitrotoluene	15.15	165	136230	42.177	ng	# 86
58) Fluorene	15.82	166	412840	40.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	125758	44.418	ng	98
60) Diethylphthalate	15.58	149	440526	41.040	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	215417	39.480	ng	99
62) 4-Nitroaniline	15.86	138	103509	41.320	ng	94
63) Azobenzene	16.11	77	400705	41.182	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	76576	39.533	ng	98
66) n-Nitrosodiphenylamine	16.03	169	383803	40.467	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	144157	39.312	ng	93
68) Hexachlorobenzene	16.82	284	146183	38.458	ng	96
69) Atrazine	16.97	200	155808	41.742	ng	96
70) Pentachlorophenol	17.17	266	188251	78.419	ng	99
71) Phenanthrene	17.57	178	709042	39.293	ng	99
72) Anthracene	17.66	178	715803	40.706	ng	99
73) Carbazole	17.93	167	645707	40.732	ng	99
74) Di-n-butylphthalate	18.46	149	783005	41.980	ng	100
75) Fluoranthene	19.57	202	865562	40.587	ng	98
77) Benzidine	19.75	184	384976	35.742	ng	98
78) Pyrene	19.94	202	845823	38.349	ng	99
80) Butylbenzylphthalate	20.80	149	364578	42.666	ng	97
81) Benzo(a)anthracene	21.80	228	827399	38.895	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	196390	25.287	ng	97
83) Chrysene	21.87	228	792533	38.429	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	502936	41.884	ng	99
85) Di-n-octyl phthalate	22.92	149	866321	43.573	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	954009	40.777	ng	99
88) Benzo(b)fluoranthene	24.11	252	843118	41.363	ng	98
89) Benzo(k)fluoranthene	24.18	252	788063	41.534	ng	99
90) Benzo(a)pyrene	25.03	252	813322	43.180	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	771212	41.765	ng	98
92) Benzo(g,h,i)perylene	30.30	276	788011	42.491	ng	96

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

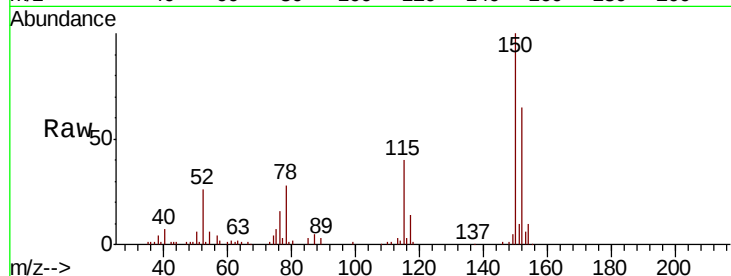


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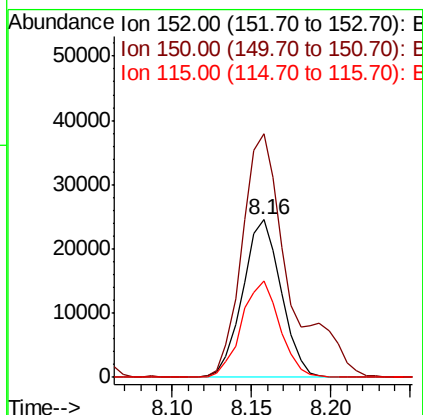
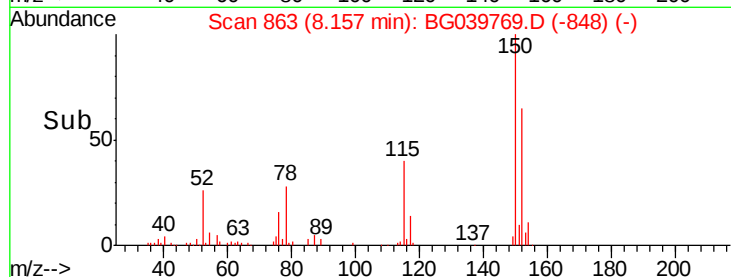
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:152 Resp: 41305
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 61.2 45.9 68.9



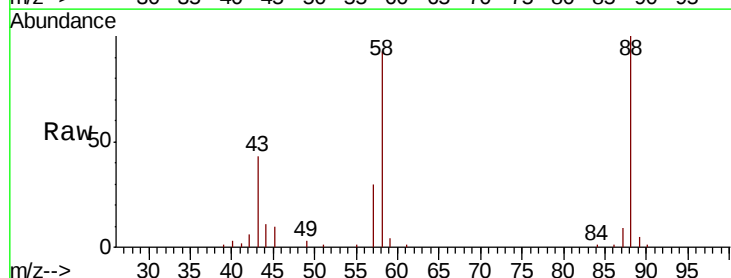
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



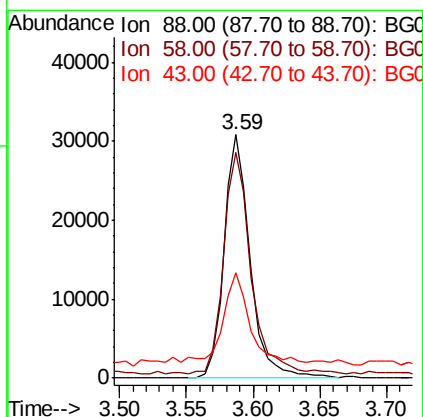
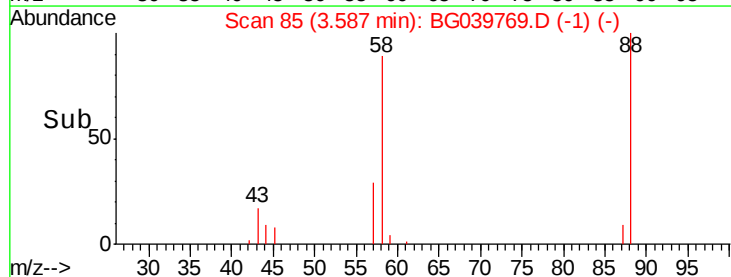
#2

1,4-Dioxane
Concen: 37.744 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion: 88 Resp: 42189
Ion Ratio Lower Upper
88 100
58 96.0 81.1 121.7
43 39.2 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: 34.858 ng

RT: 3.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

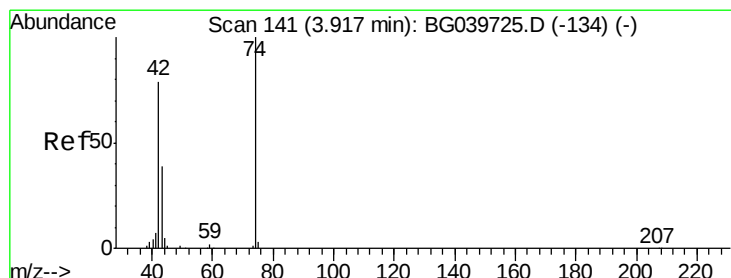
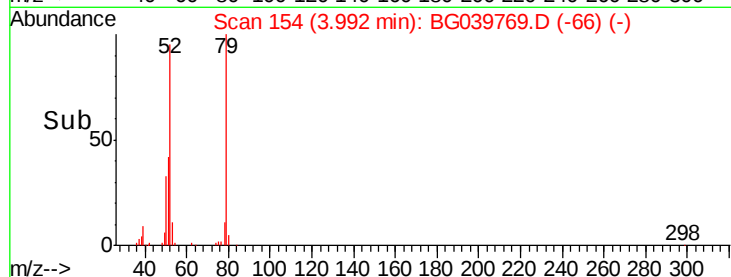
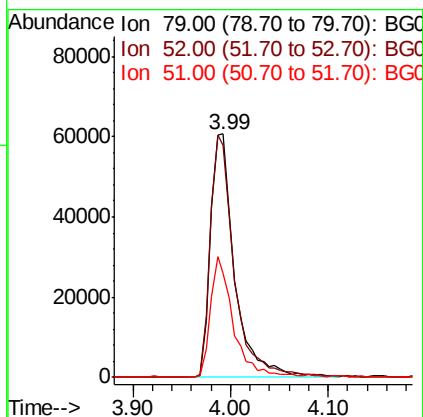
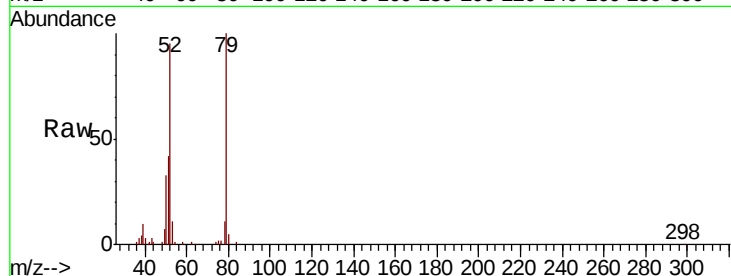
Tgt Ion: 79 Resp: 104312

Ion Ratio Lower Upper

79 100

52 95.2 82.6 124.0

51 42.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 39.864 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

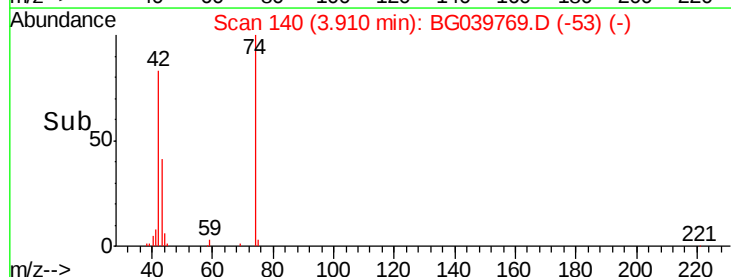
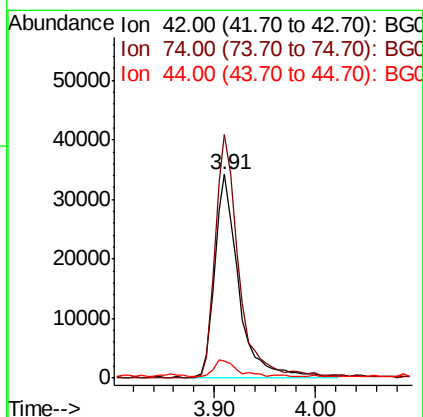
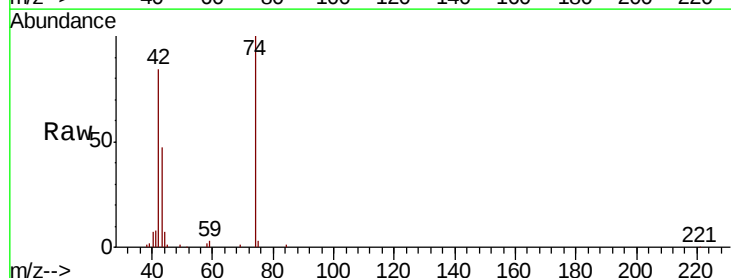
Tgt Ion: 42 Resp: 56591

Ion Ratio Lower Upper

42 100

74 119.5 83.6 125.4

44 8.2 6.9 10.3





#5

2-Fluorophenol

Concen: 148.023 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

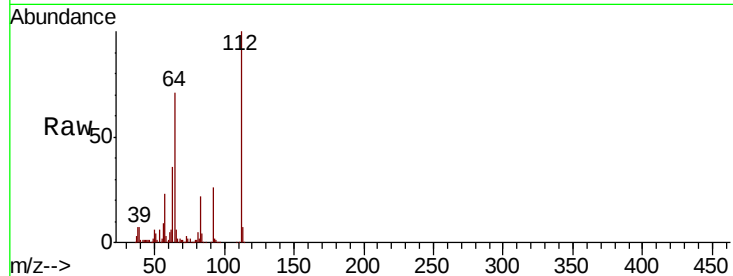
Tgt Ion: 112 Resp: 358385

Ion Ratio Lower Upper

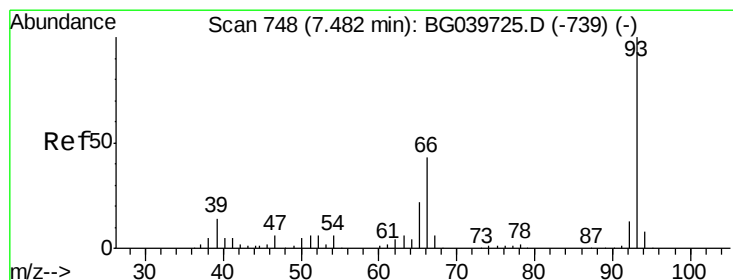
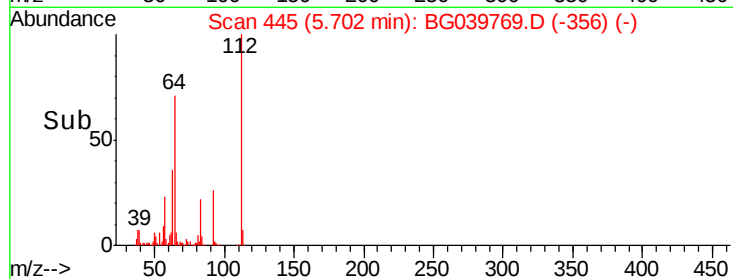
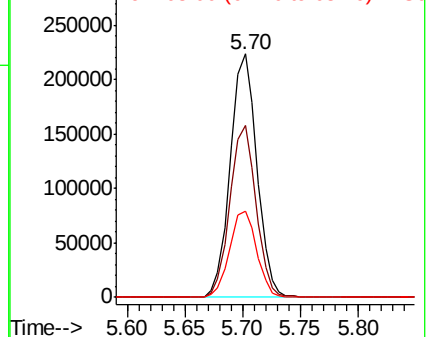
112 100

64 70.7 57.8 86.8

63 35.5 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: 30.054 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

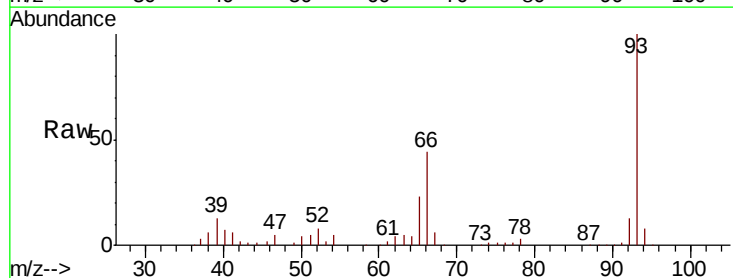
Tgt Ion: 93 Resp: 142146

Ion Ratio Lower Upper

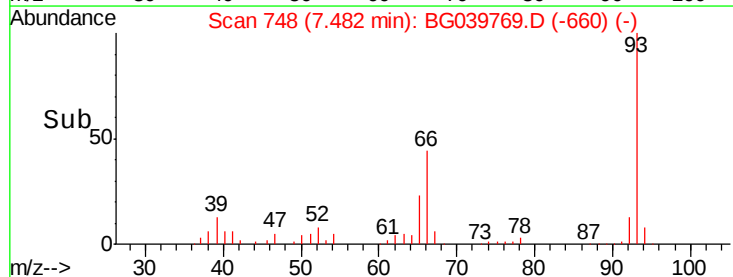
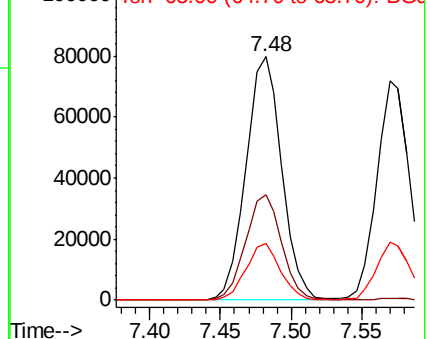
93 100

66 43.5 34.2 51.4

65 23.2 17.7 26.5



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





#7

Phenol-d6

Concen: 139.732 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039769.D

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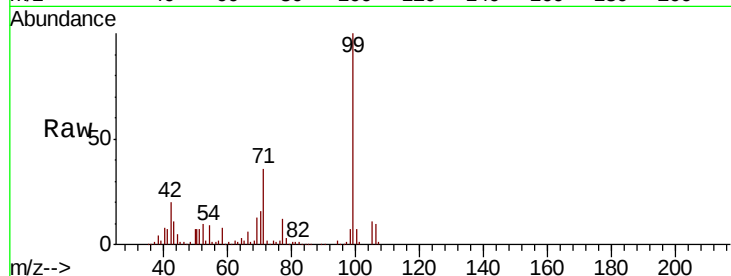
Tgt Ion: 99 Resp: 504444

Ion Ratio Lower Upper

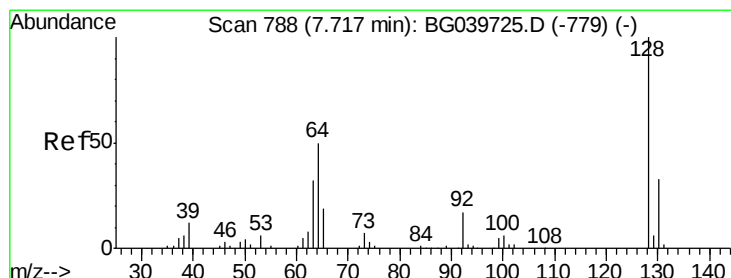
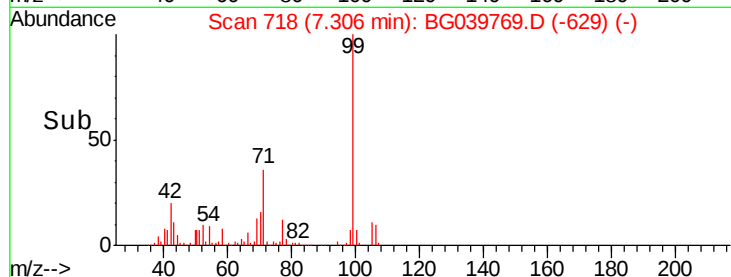
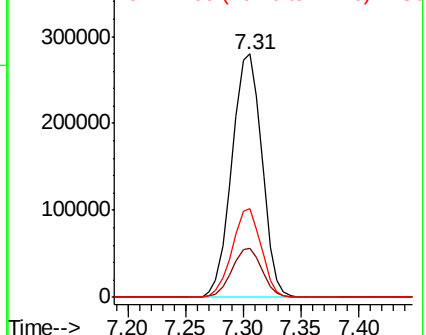
99 100

42 20.1 18.2 27.2

71 36.3 28.0 42.0



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



#8

2-Chlorophenol

Concen: 41.884 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

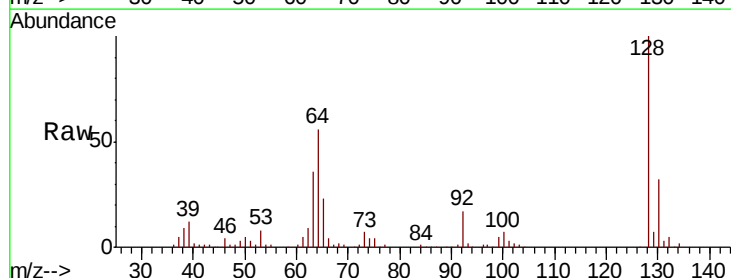
Tgt Ion: 128 Resp: 123026

Ion Ratio Lower Upper

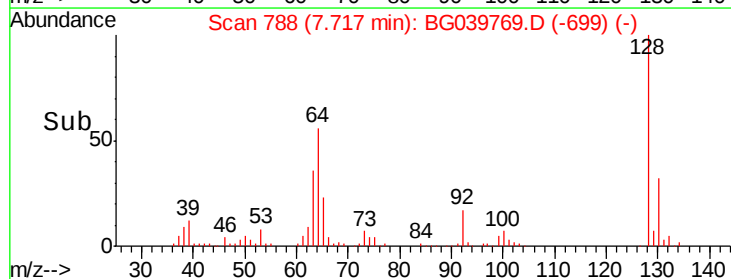
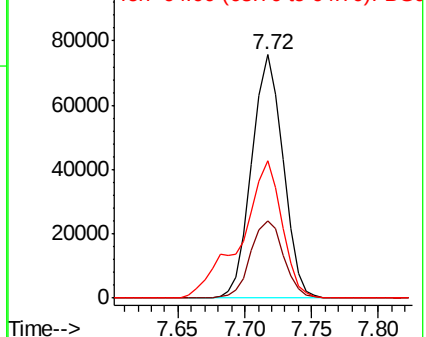
128 100

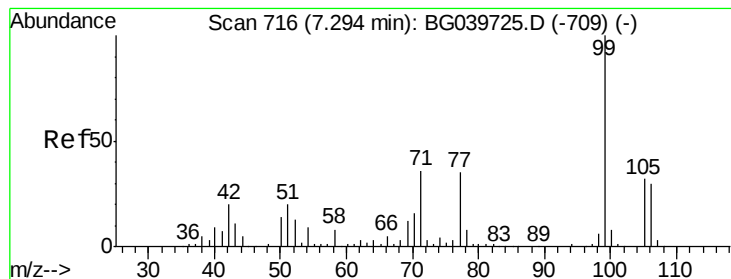
130 31.8 12.9 52.9

64 56.2 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: 34.610 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

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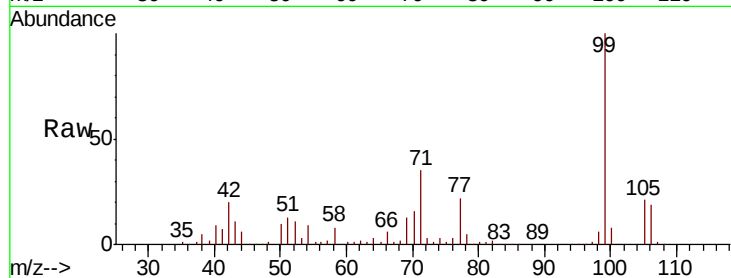
Tgt Ion: 77 Resp: 80597

Ion Ratio Lower Upper

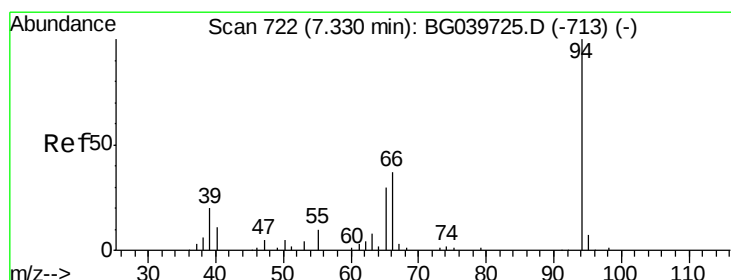
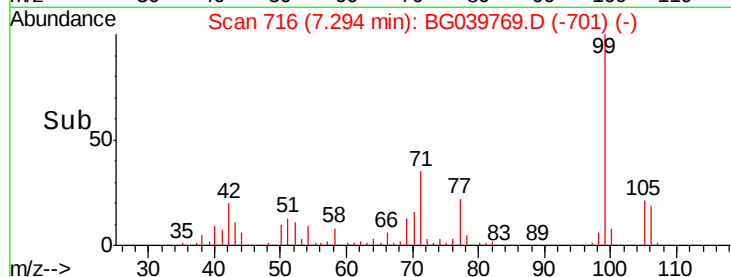
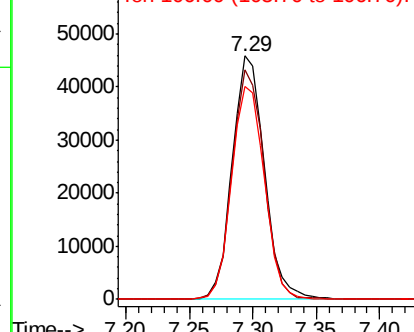
77 100

105 94.3 74.5 114.5

106 87.6 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: 43.473 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

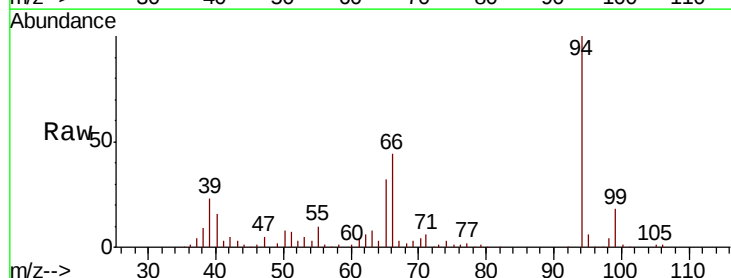
Tgt Ion: 94 Resp: 170019

Ion Ratio Lower Upper

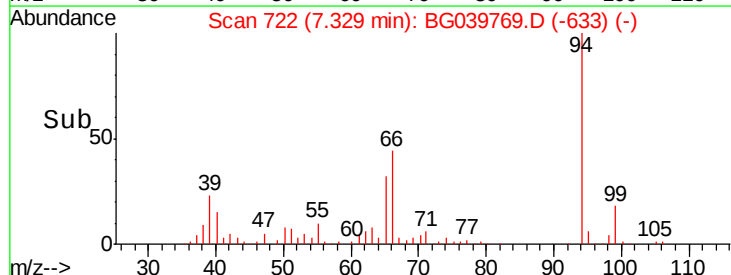
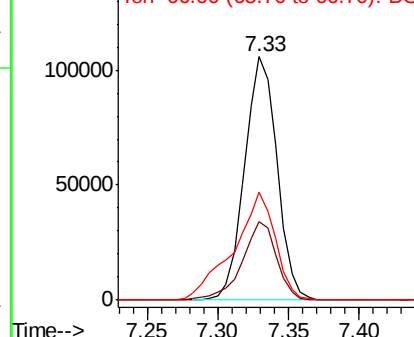
94 100

65 32.1 11.7 51.7

66 44.3 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

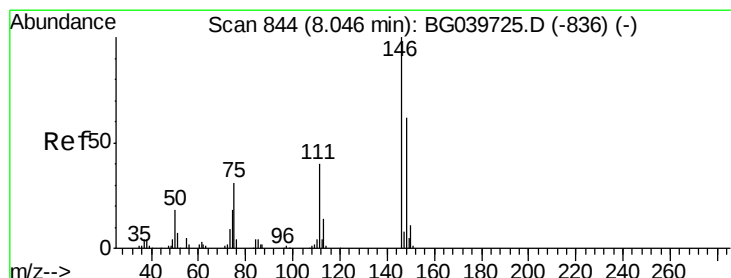
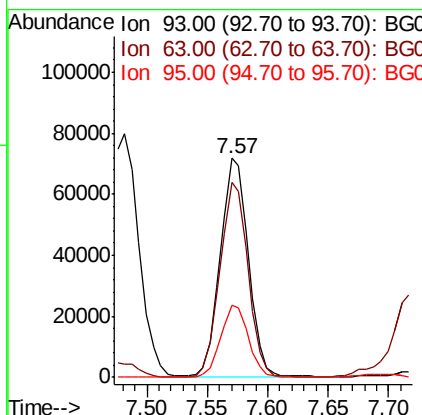
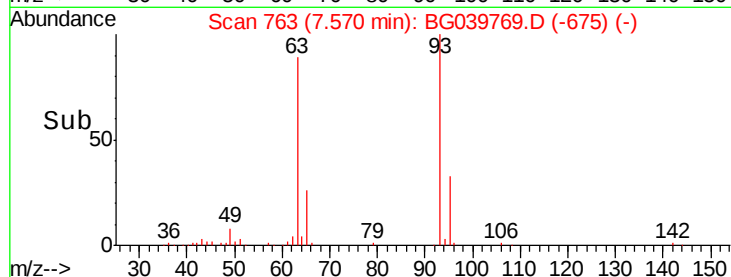
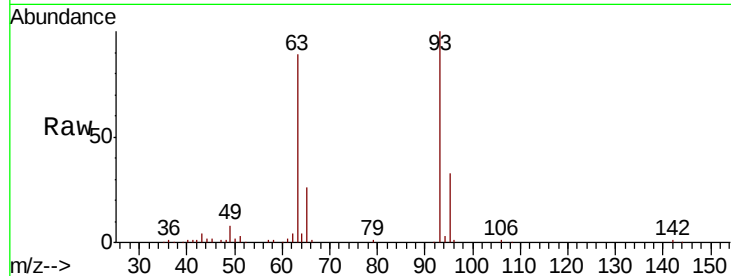




#11
 bis(2-Chloroethyl)ether
 Concen: 38.225 ng
 RT: 7.57 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

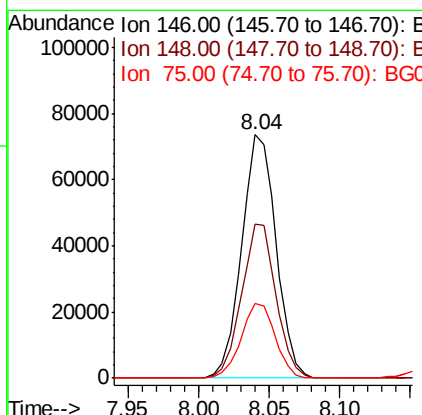
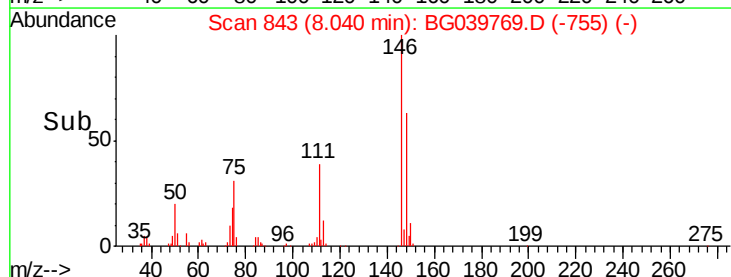
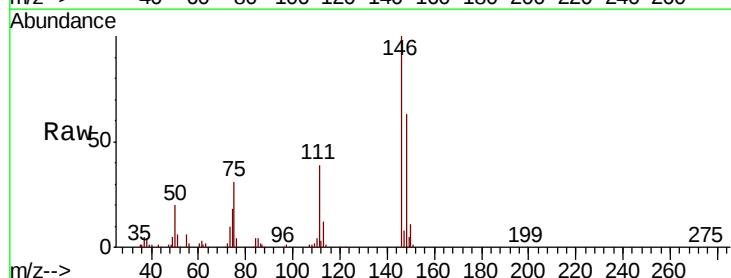
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

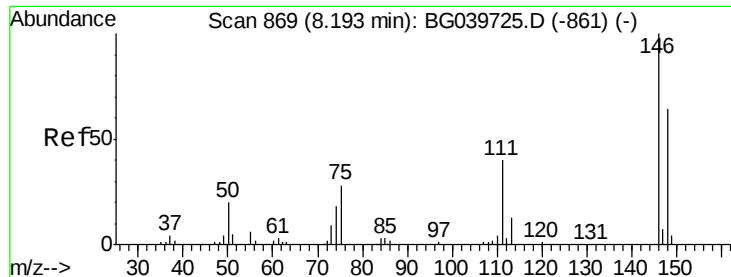
Tgt Ion: 93 Resp: 116555
 Ion Ratio Lower Upper
 93 100
 63 89.0 69.5 109.5
 95 32.8 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 37.759 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion: 146 Resp: 125437
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.6 79.0
 75 30.6 25.8 38.6

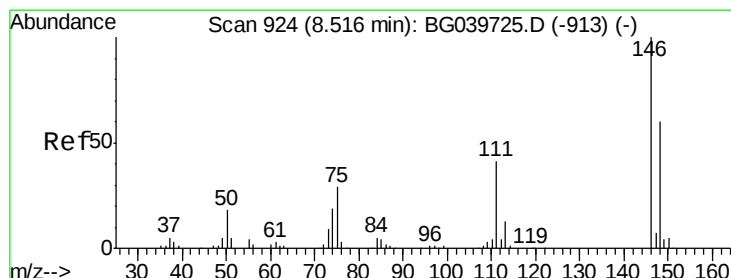
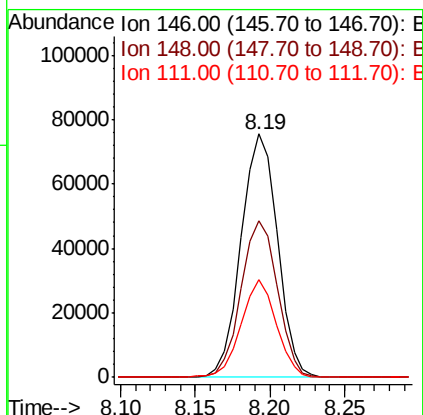
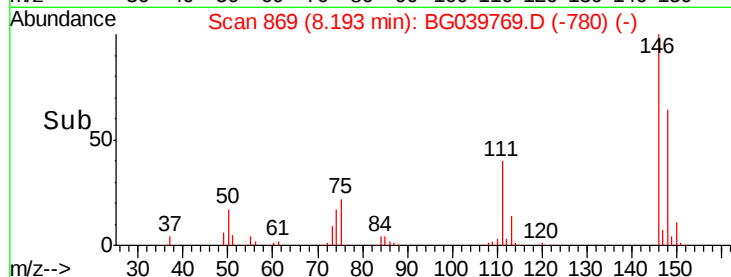
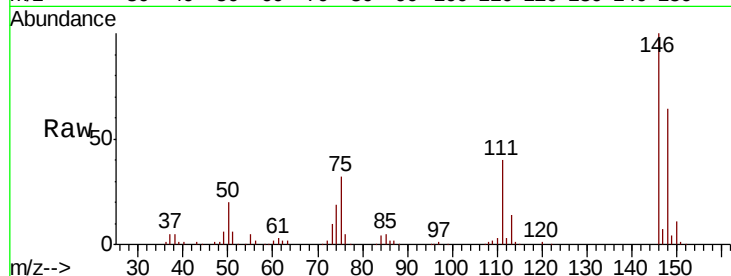




#13
 1,4-Dichlorobenzene
 Concen: 37.713 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

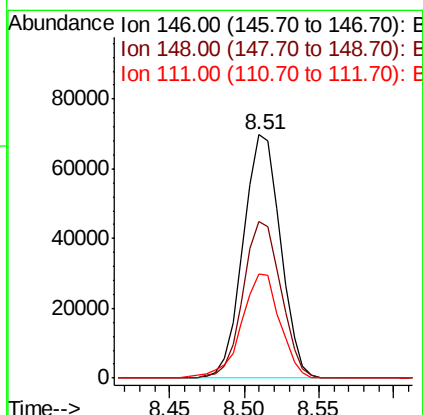
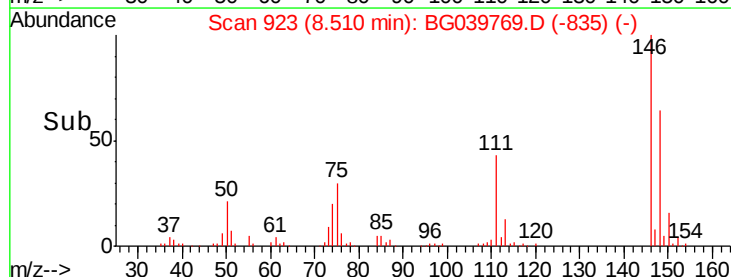
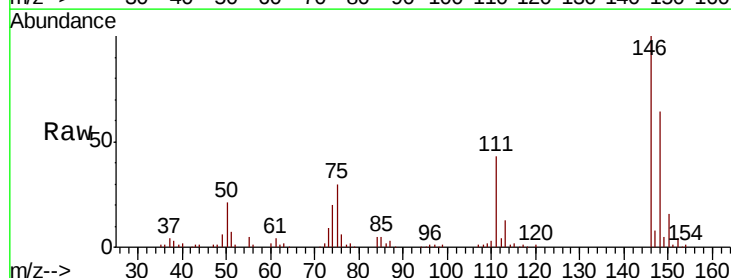
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion:146 Resp: 127612
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 40.0 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 36.931 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:146 Resp: 120741
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.5 77.3
 111 43.0 33.8 50.6





#15

Benzyl Alcohol

Concen: 41.656 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

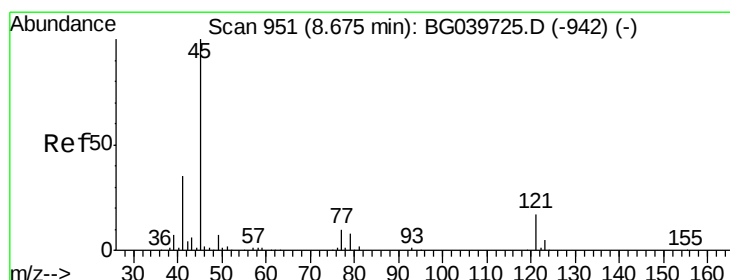
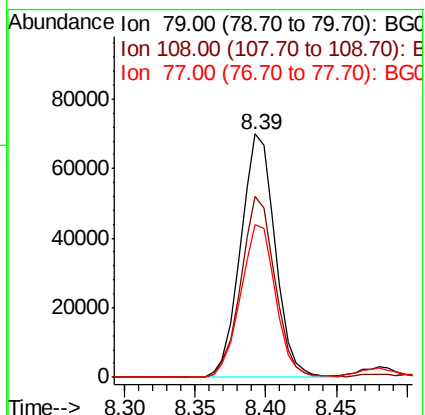
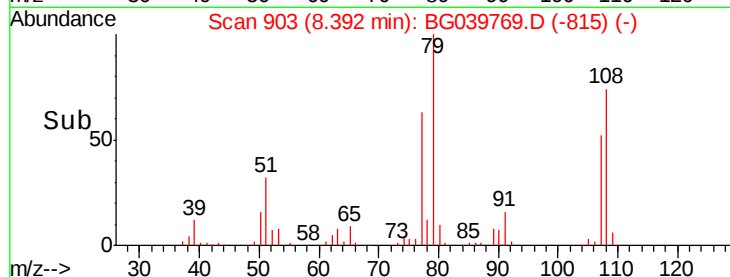
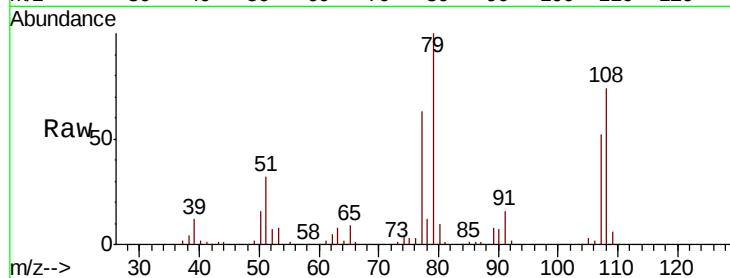
Tgt Ion: 79 Resp: 119289

Ion Ratio Lower Upper

79 100

108 74.2 57.8 86.6

77 62.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.283 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

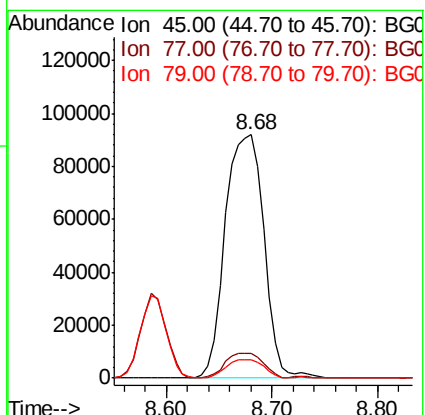
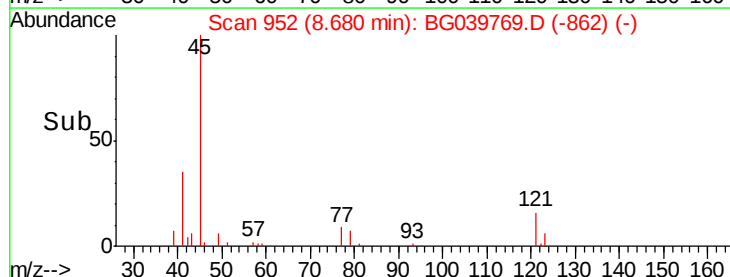
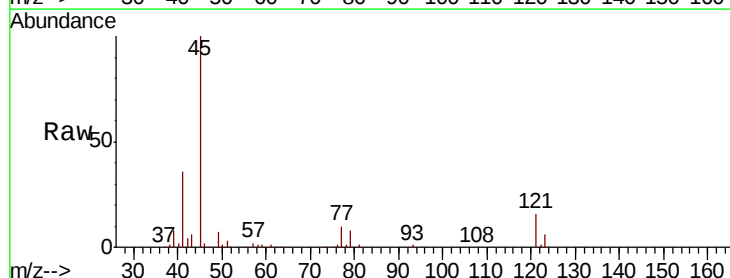
Tgt Ion: 45 Resp: 233464

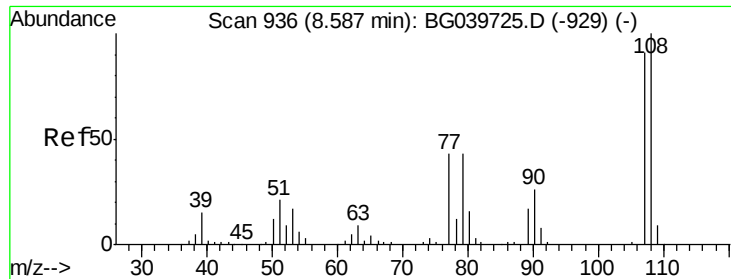
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.6 0.0 27.5

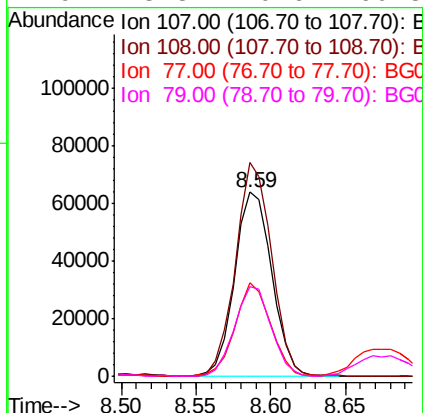
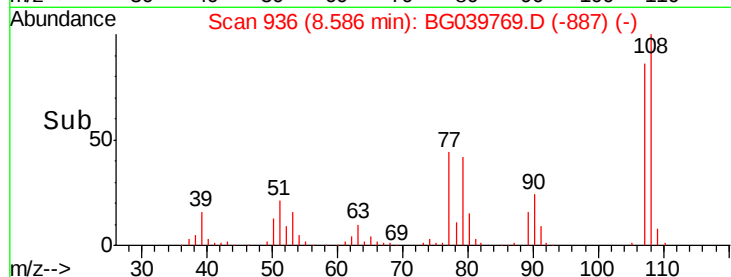
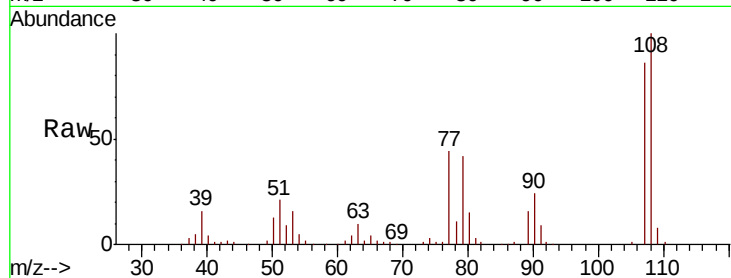




#17
2-Methylphenol
Concen: 44.259 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

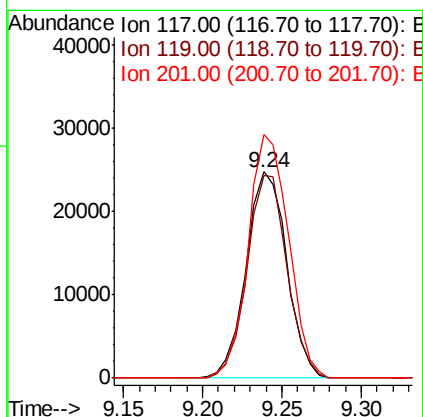
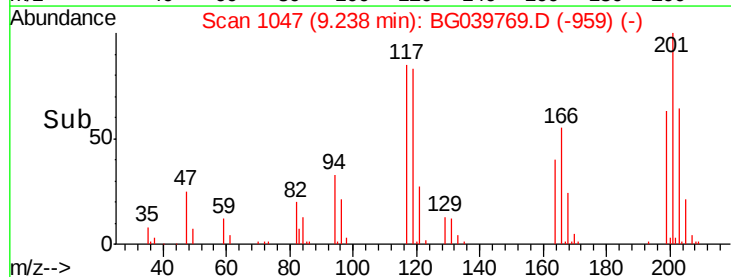
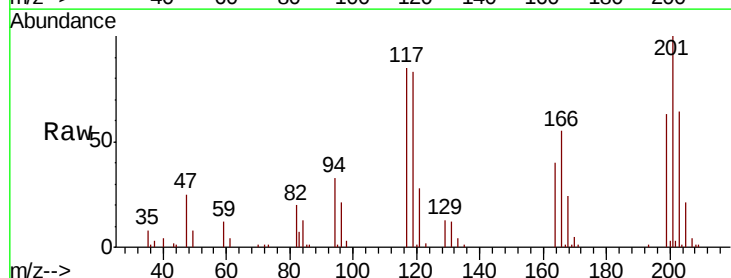
Instrument :
BNA_G
ClientSampleId :
PB117613BS

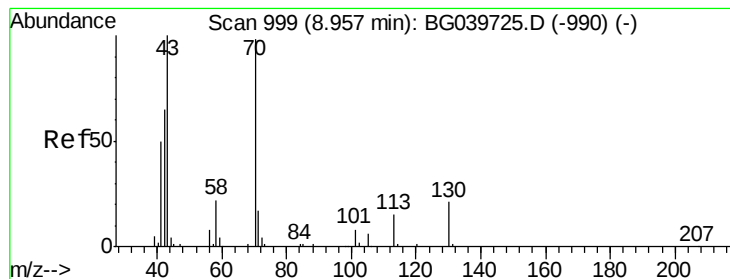
Tgt Ion:107 Resp: 110369
Ion Ratio Lower Upper
107 100
108 116.0 90.8 136.2
77 50.5 40.7 61.1
79 48.8 40.6 60.8



#18
Hexachloroethane
Concen: 36.319 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:117 Resp: 44097
Ion Ratio Lower Upper
117 100
119 98.1 76.3 114.5
201 118.1 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 37.342 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

Tgt Ion: 70 Resp: 97031

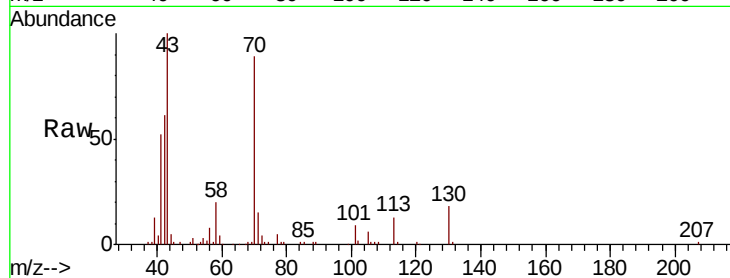
Ion Ratio Lower Upper

70 100

42 68.1 60.4 90.6

101 9.9 7.5 11.3

130 20.7 16.9 25.3

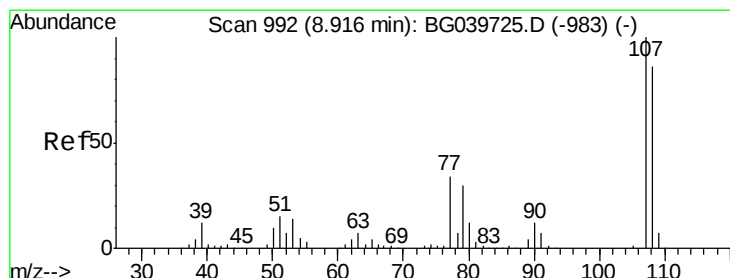
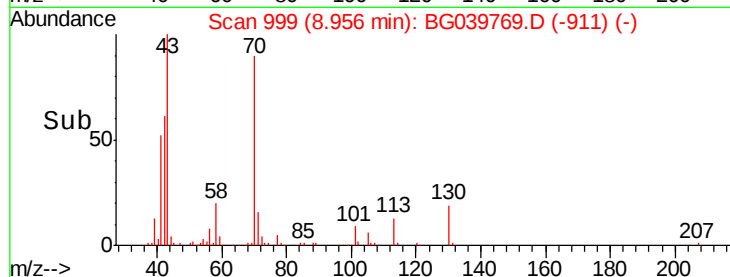
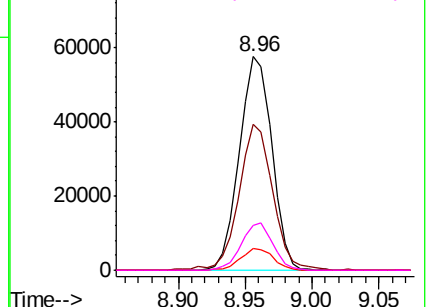


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 44.374 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Tgt Ion: 107 Resp: 153726

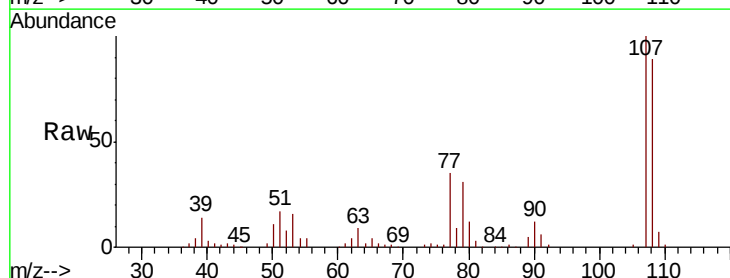
Ion Ratio Lower Upper

107 100

108 89.3 67.9 107.9

77 34.5 15.4 55.4

79 30.9 13.7 53.7

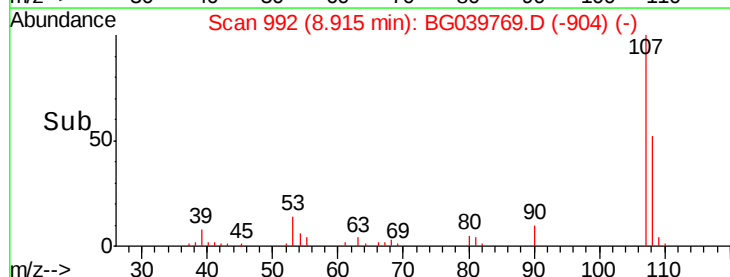
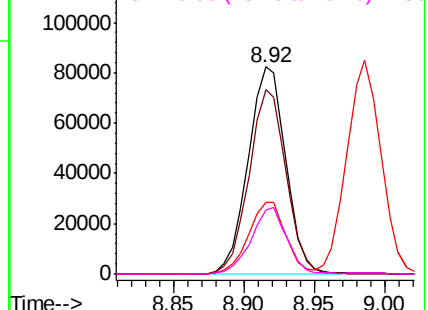


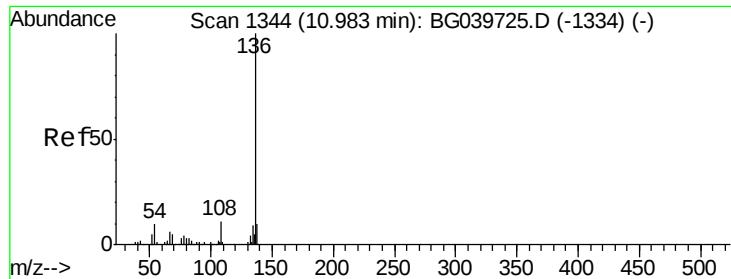
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

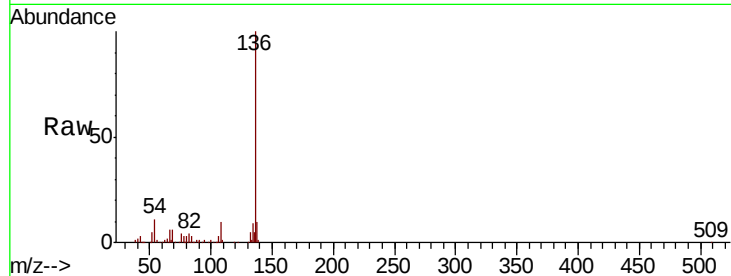




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:	136	Resp:	185100
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	11.4	9.4	14.2
68	6.2	4.2	6.4



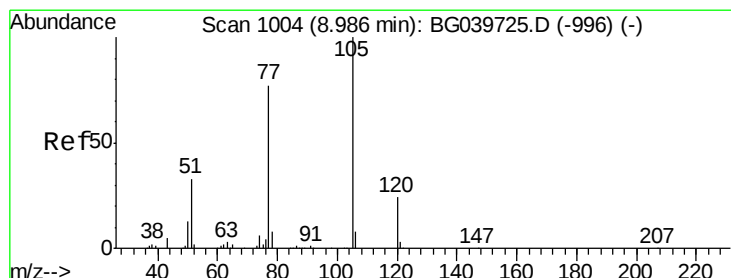
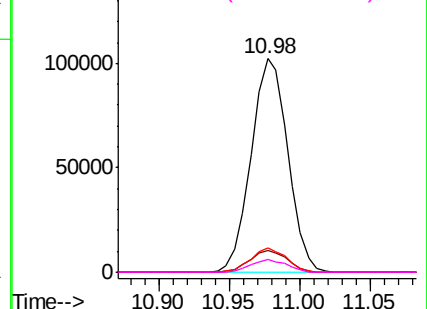
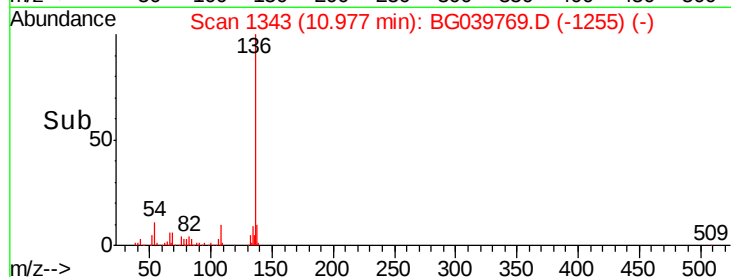
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

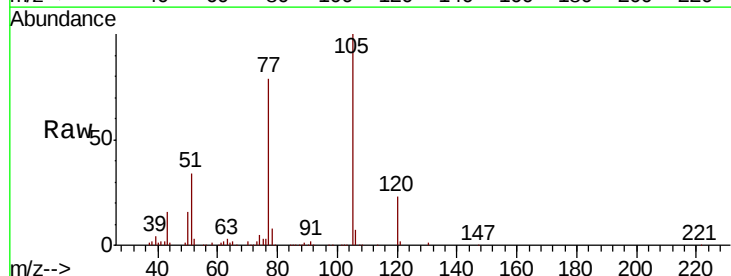
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 36.228 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:	105	Resp:	179983
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.8	1.2#
51	33.7	30.2	45.2
120	22.9	18.0	27.0



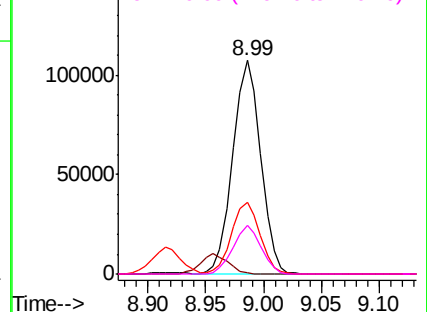
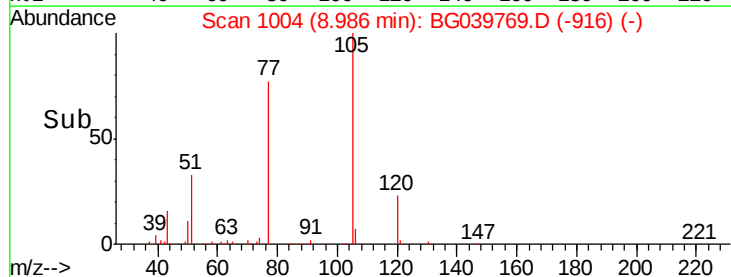
Abundance

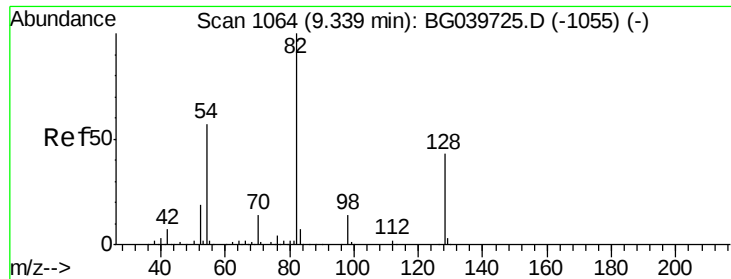
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

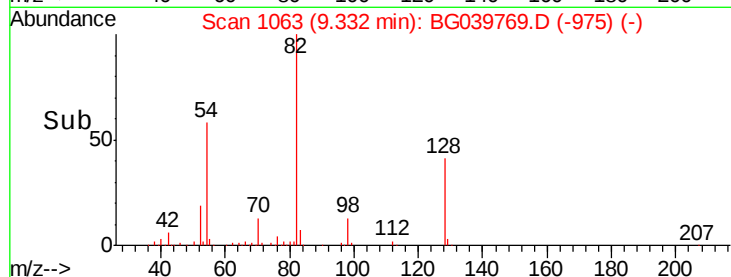
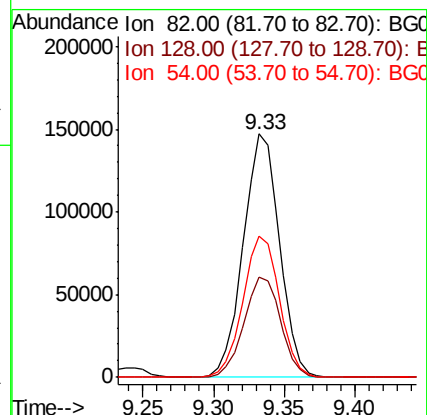
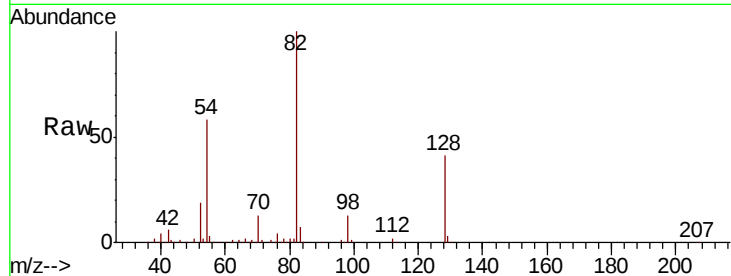




#23
 Nitrobenzene-d5
 Concen: 77.380 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

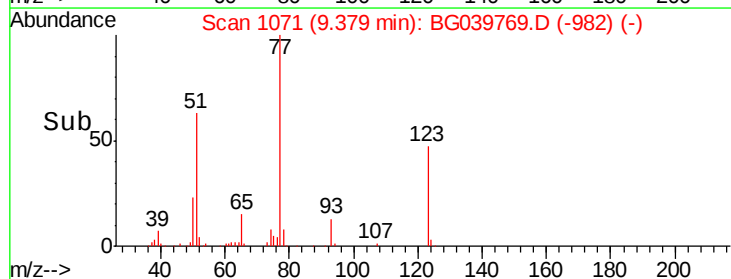
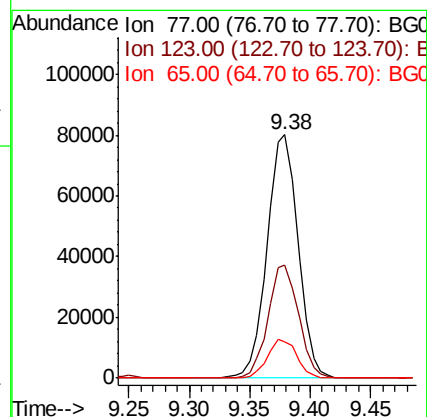
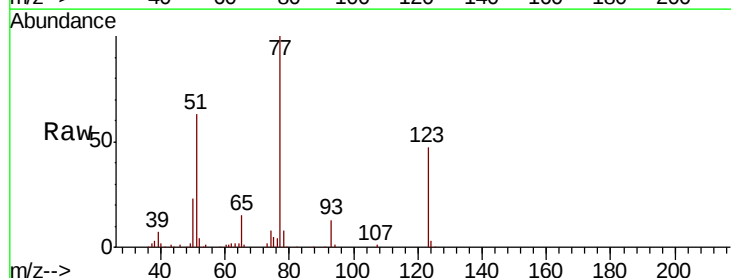
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

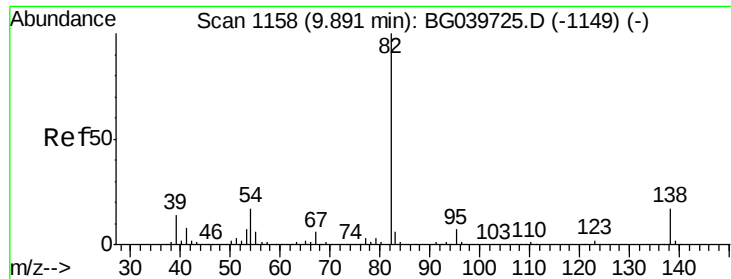
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.3	46.9
54	58.1	50.9	76.3



#24
 Nitrobenzene
 Concen: 39.597 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	34.1	51.1
65	15.0	12.3	18.5





#25

Isophorone

Concen: 39.061 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

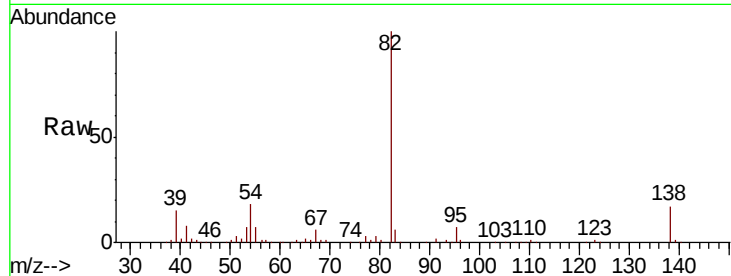
Tgt Ion: 82 Resp: 280111

Ion Ratio Lower Upper

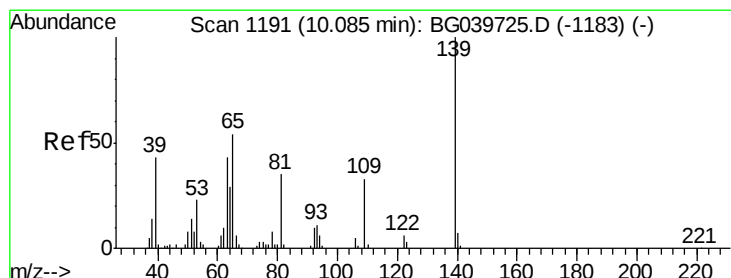
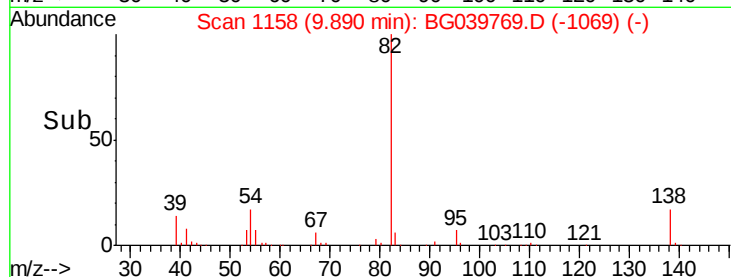
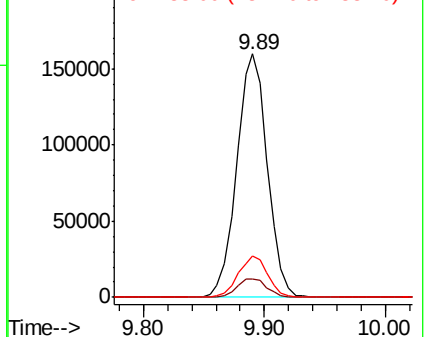
82 100

95 7.3 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



#26

2-Nitrophenol

Concen: 40.332 ng

RT: 10.08 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

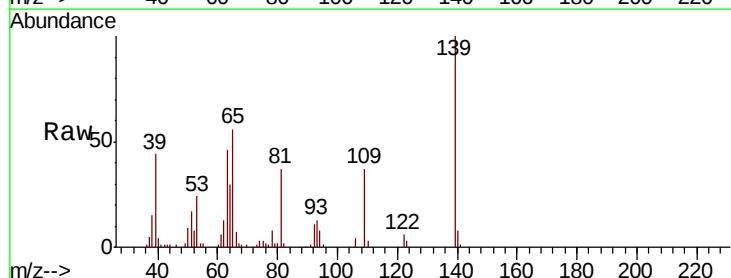
Tgt Ion: 139 Resp: 69917

Ion Ratio Lower Upper

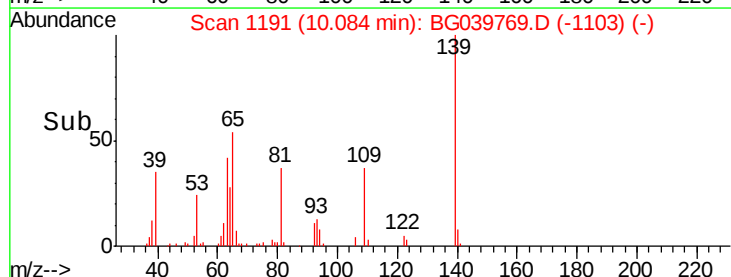
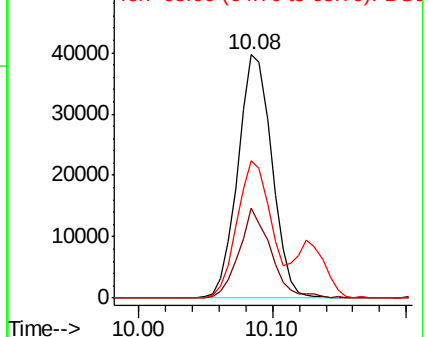
139 100

109 36.9 23.4 35.0#

65 56.5 44.3 66.5



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

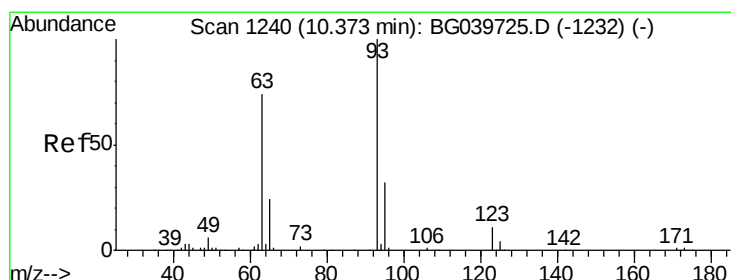
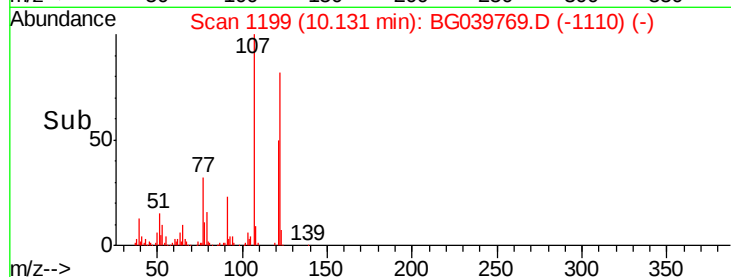
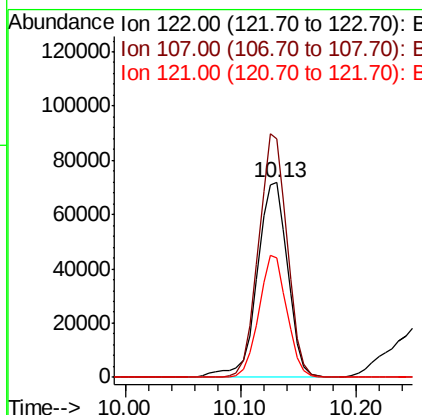
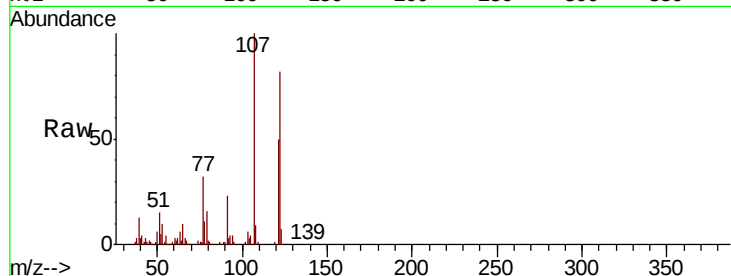




#27
 2,4-Dimethylphenol
 Concen: 49.151 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

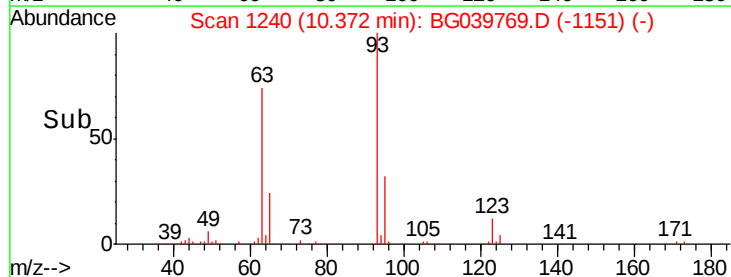
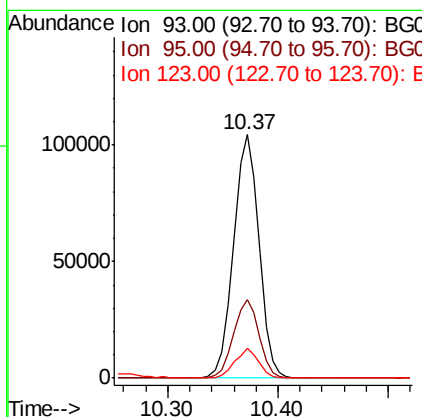
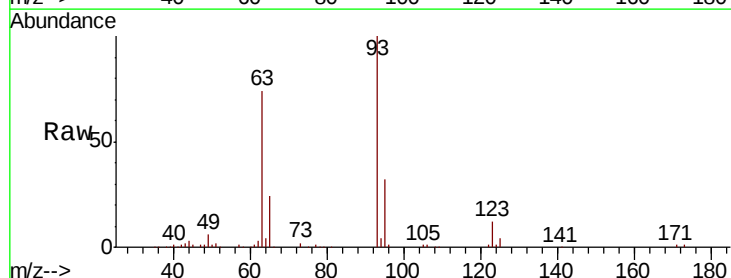
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

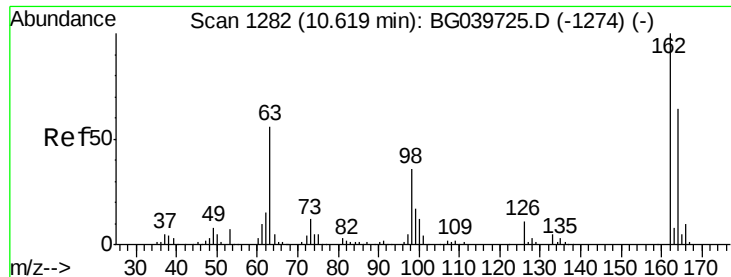
Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.4	91.7	137.5
121	61.1	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.756 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.0	37.4
123	12.1	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.775 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

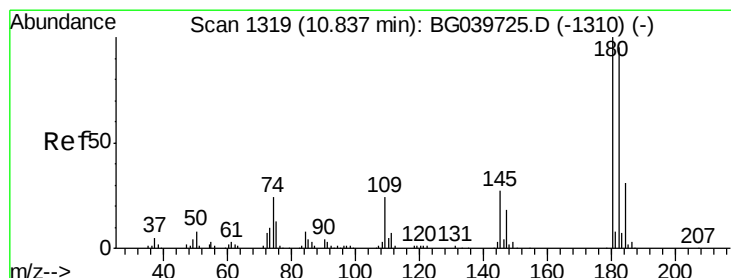
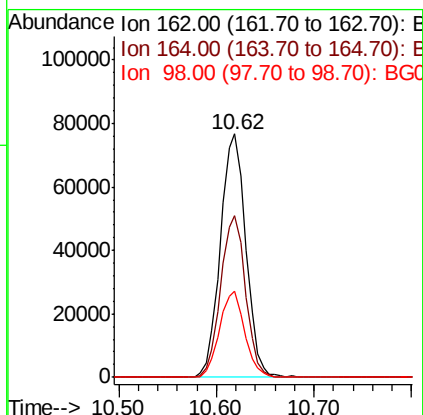
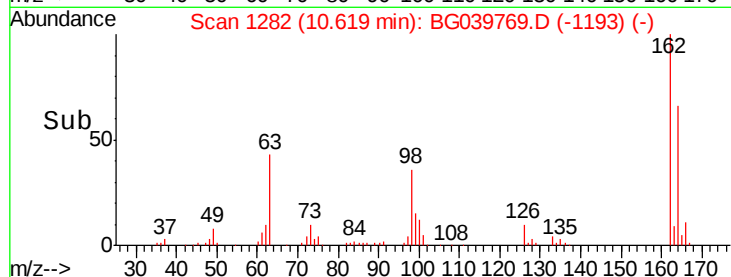
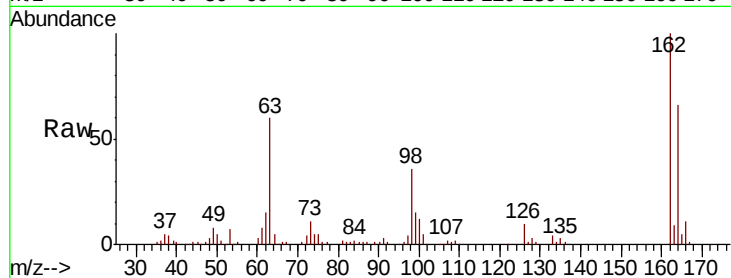
Tgt Ion:162 Resp: 138950

Ion Ratio Lower Upper

162 100

164 66.2 48.1 88.1

98 35.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.705 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

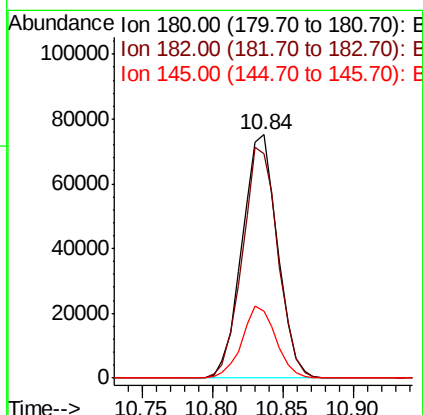
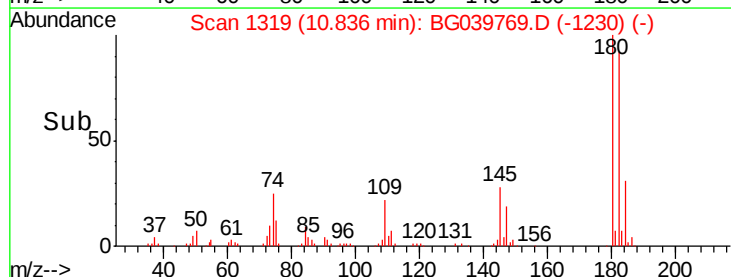
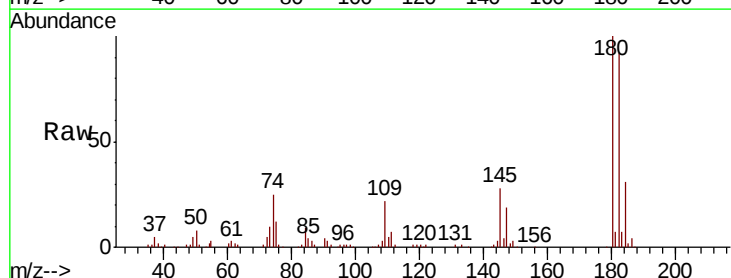
Tgt Ion:180 Resp: 132207

Ion Ratio Lower Upper

180 100

182 92.2 76.0 114.0

145 27.6 22.7 34.1

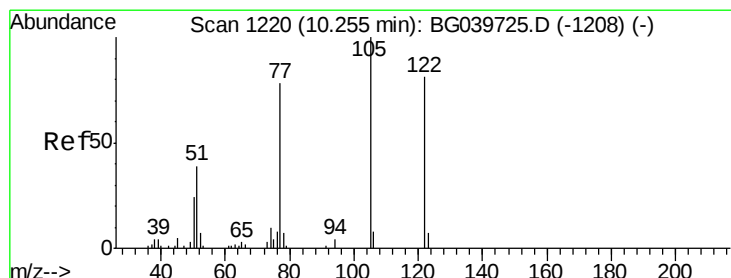
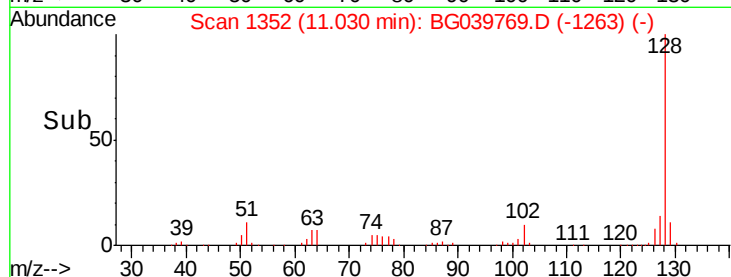
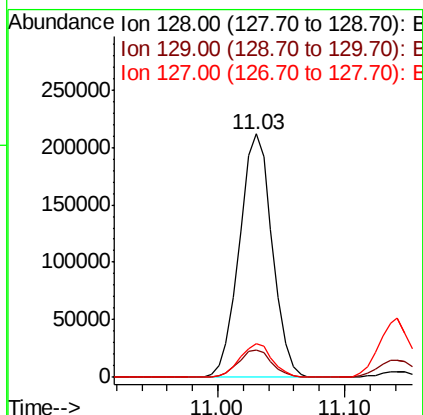
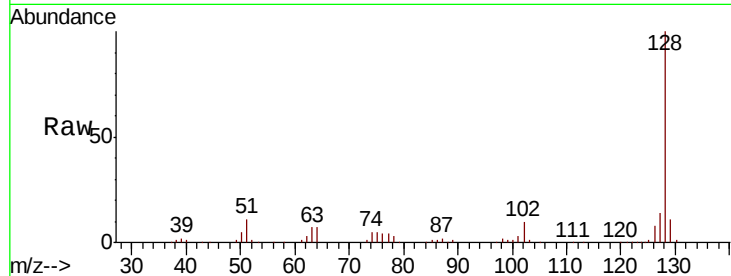




#31
Naphthalene
Concen: 38.693 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

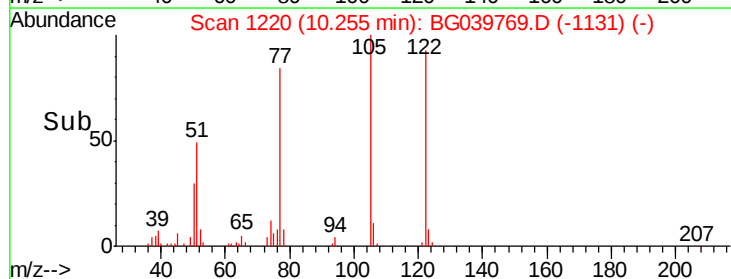
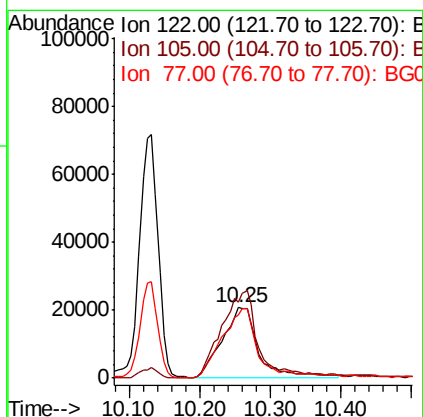
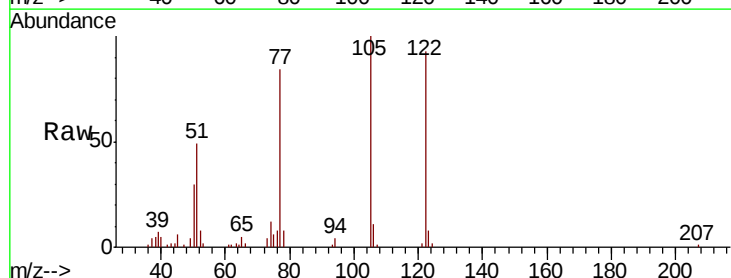
Instrument :
BNA_G
ClientSampled :
PB117613BS

Tgt Ion:128 Resp: 379206
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 41.638 ng
RT: 10.25 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:122 Resp: 75202
Ion Ratio Lower Upper
122 100
105 107.6 101.8 141.8
77 90.1 76.3 116.3

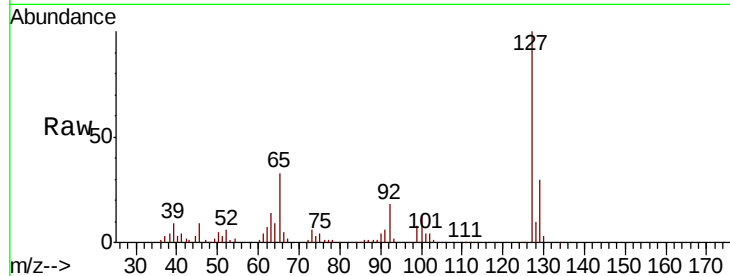




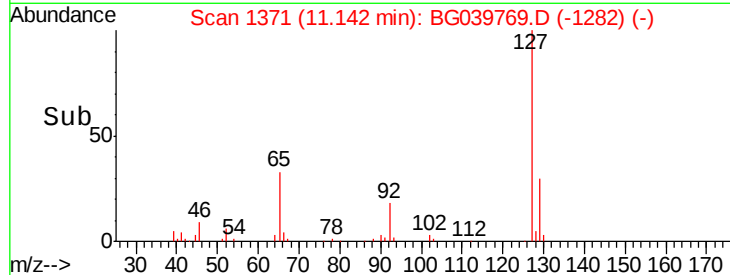
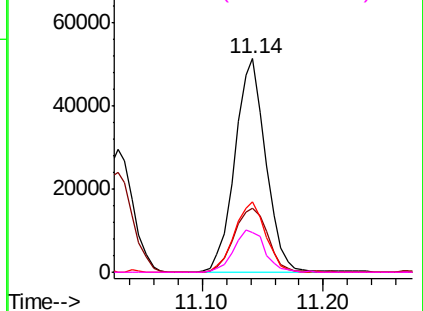
#33
4-Chloroaniline
Concen: 21.973 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:	127	Resp:	91312
Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.0	40.4
65	33.0	28.8	43.2
92	18.4	16.6	25.0

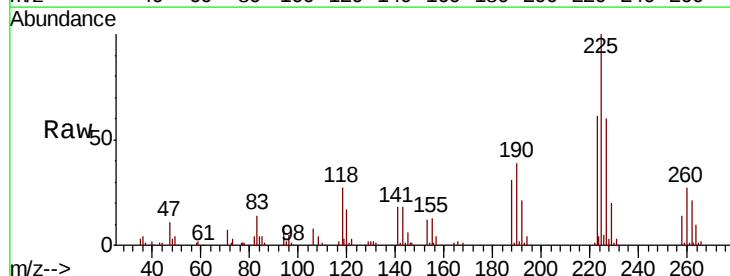


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

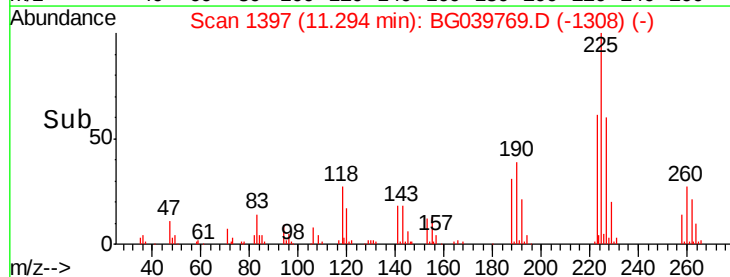
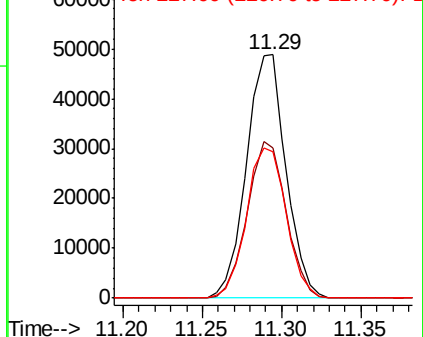


#34
Hexachlorobutadiene
Concen: 36.226 ng
RT: 11.29 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:	225	Resp:	84555
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.0	73.6
227	60.0	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

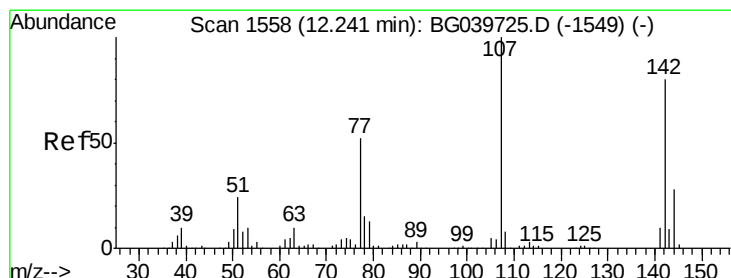
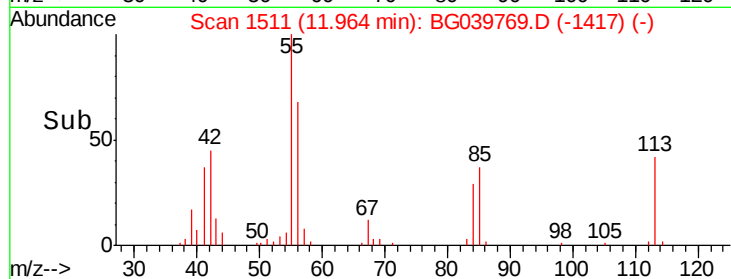
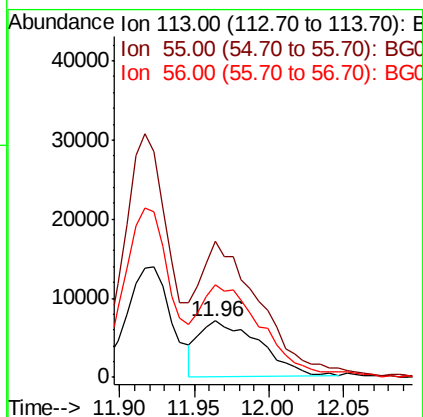
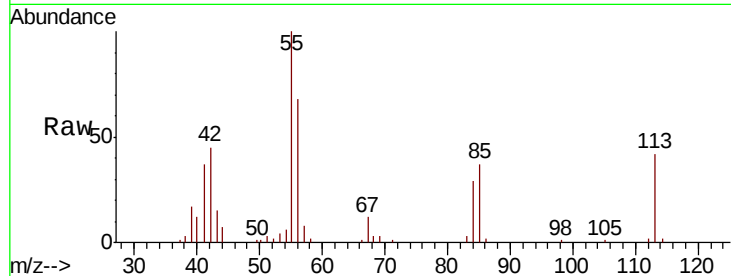




#35
 Caprolactam
 Concen: 16.775 ng
 RT: 11.96 min Scan# 1511
 Delta R.T. 0.02 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

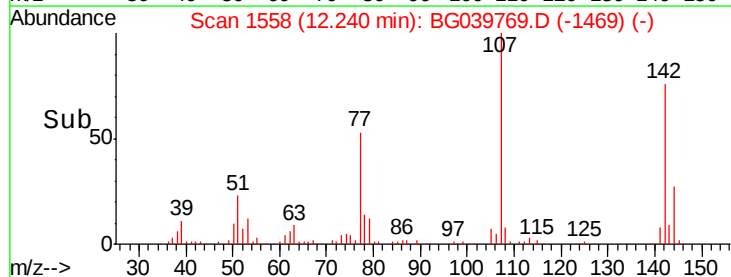
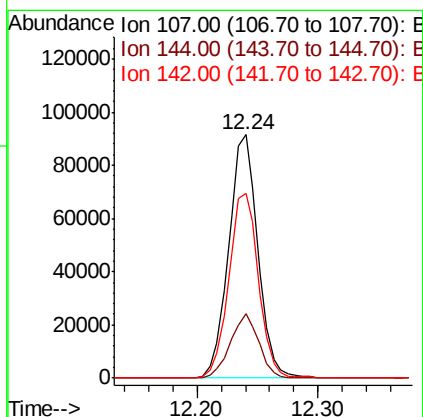
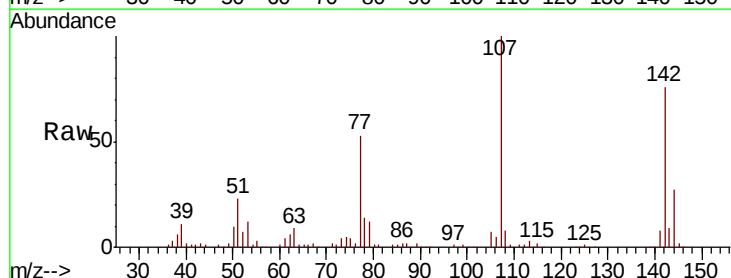
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion:113 Resp: 19451
 Ion Ratio Lower Upper
 113 100
 55 240.9 216.9 256.9
 56 164.1 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.168 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:107 Resp: 153688
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.2 30.2
 142 75.7 61.4 92.2

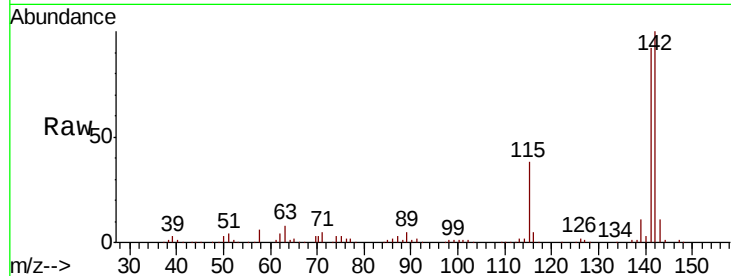




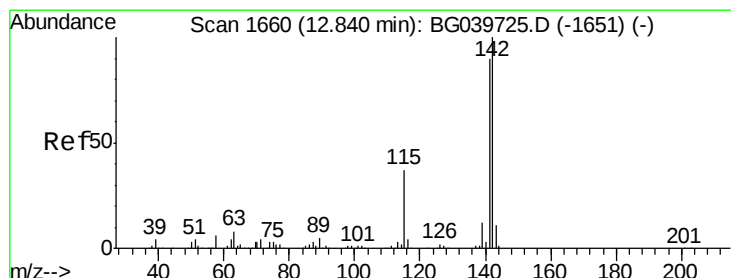
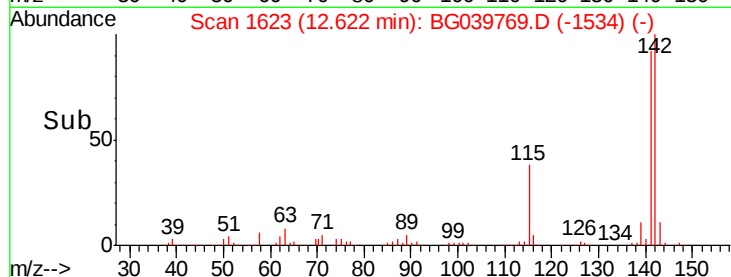
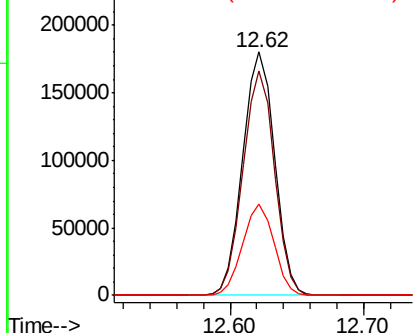
#37
 2-Methylnaphthalene
 Concen: 40.682 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion:142 Resp: 298074
 Ion Ratio Lower Upper
 142 100
 141 92.2 73.5 110.3
 115 37.6 30.8 46.2

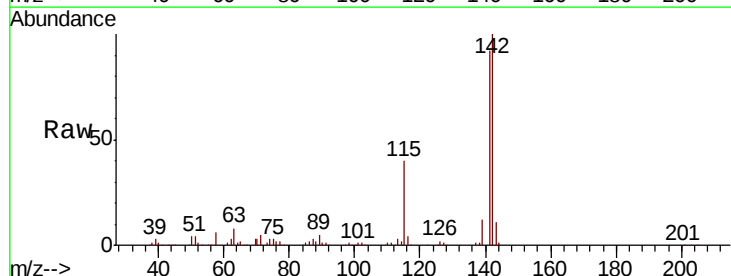


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

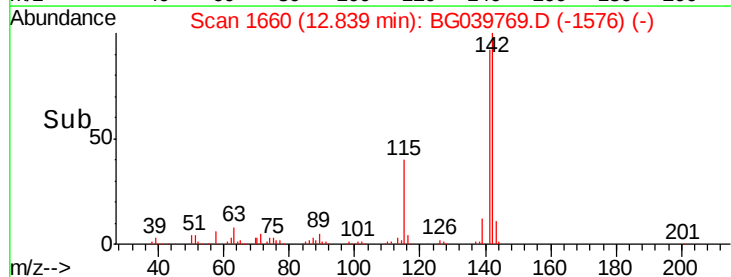
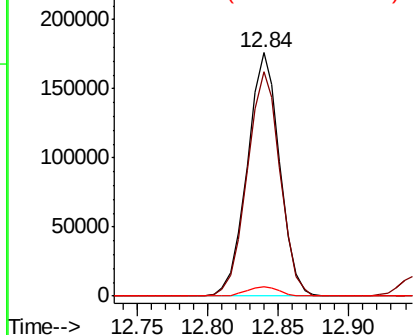


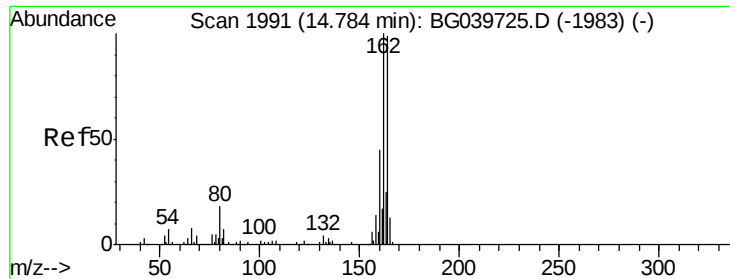
#38
 1-Methylnaphthalene
 Concen: 39.724 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:142 Resp: 282851
 Ion Ratio Lower Upper
 142 100
 141 92.2 74.2 111.4
 116 3.8 3.0 4.6



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

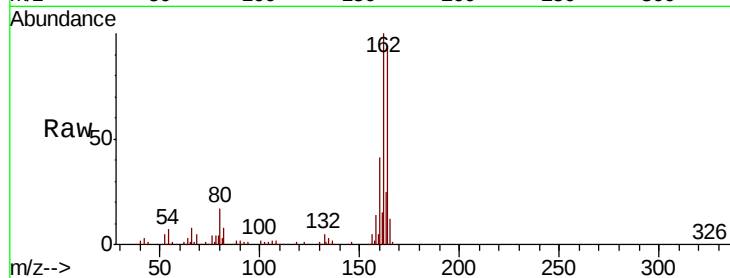
Tgt Ion:164 Resp: 129674

Ion Ratio Lower Upper

164 100

162 106.1 81.6 122.4

160 43.7 34.2 51.2

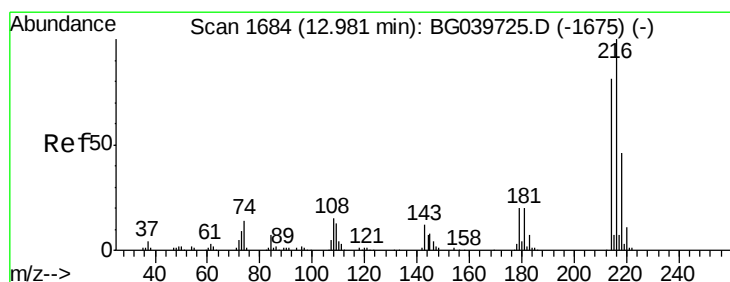
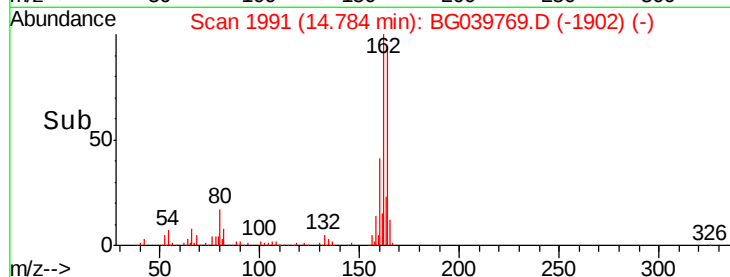
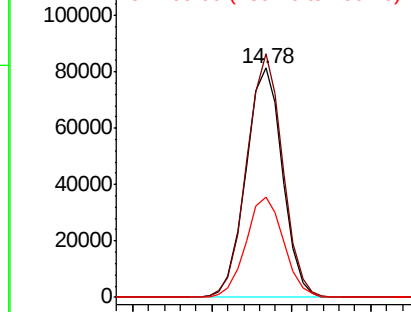


Abundance

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: 37.252 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Tgt Ion:216 Resp: 163649

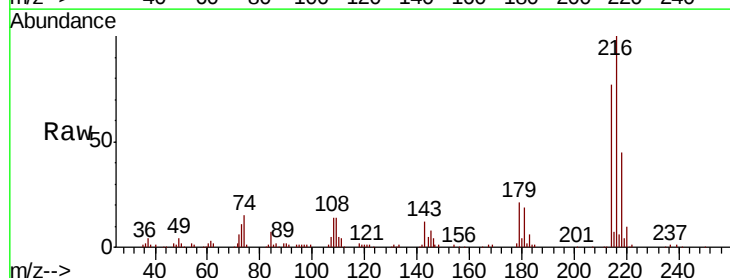
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 20.9 16.6 25.0

108 18.2 14.0 21.0



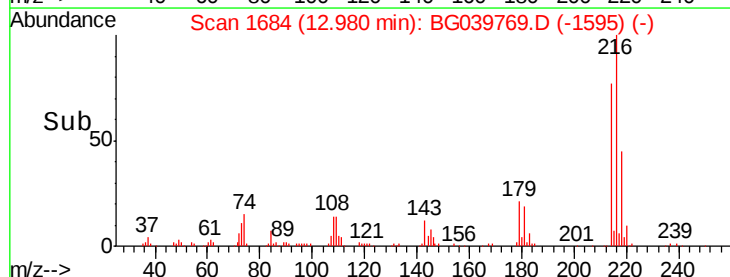
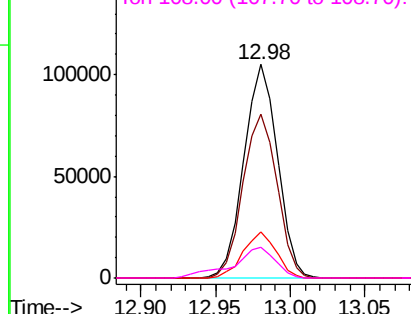
Abundance

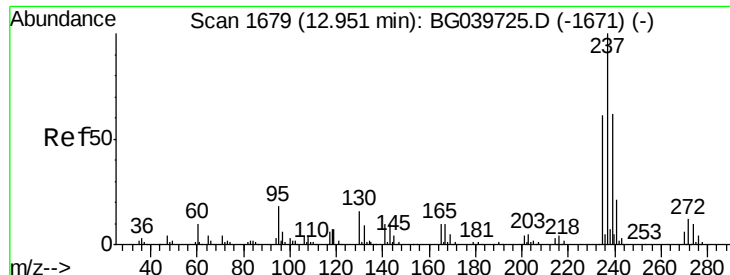
Ion 216.00 (215.70 to 216.70): E

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

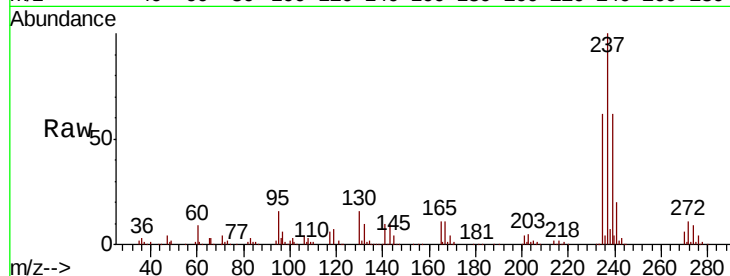




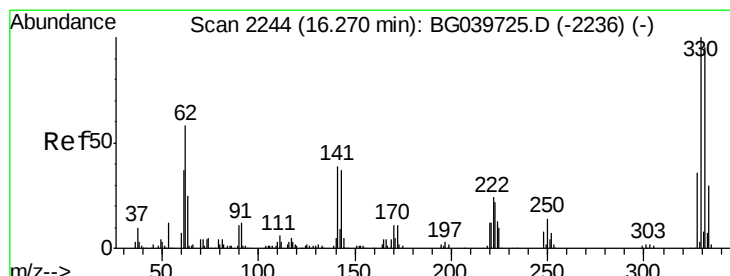
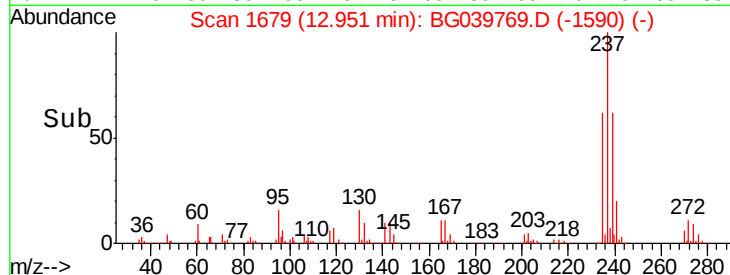
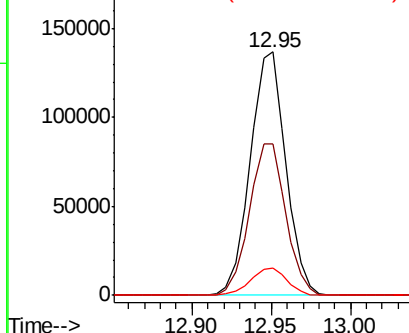
#41
Hexachlorocyclopentadiene
Concen: 90.749 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.3	83.3
272	11.0	0.0	32.3

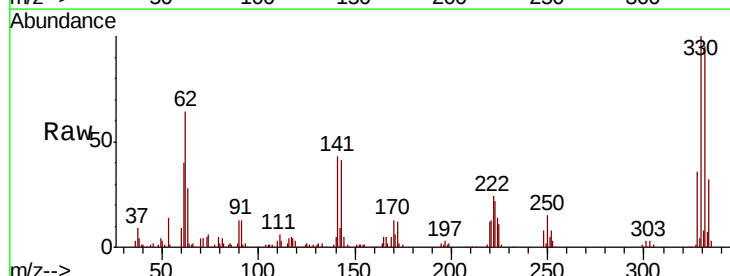


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

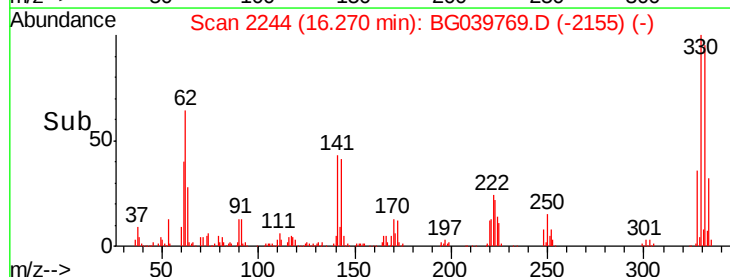
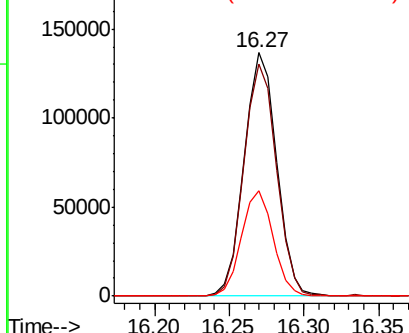


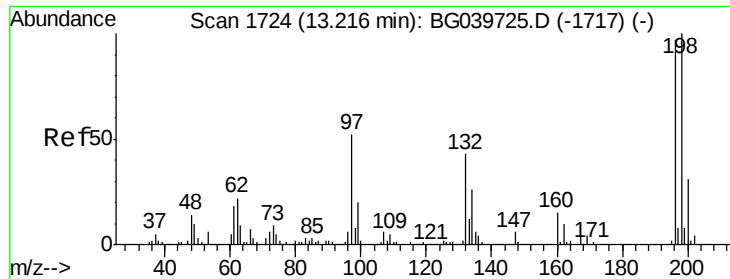
#42
2,4,6-Tribromophenol
Concen: 135.876 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	42.5	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

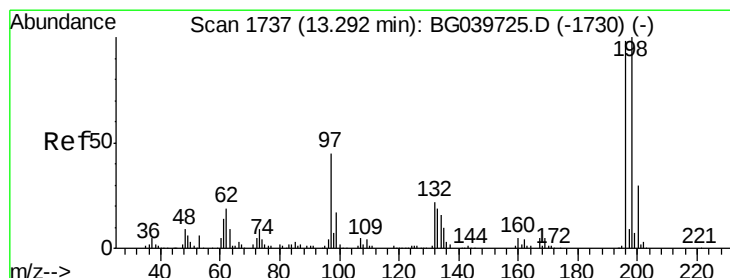
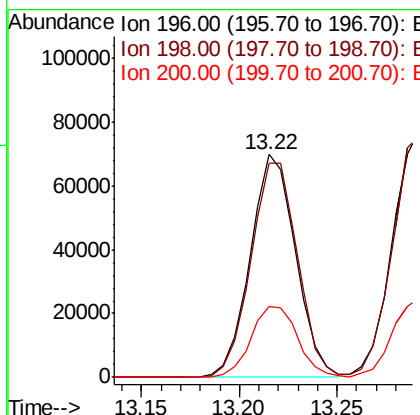
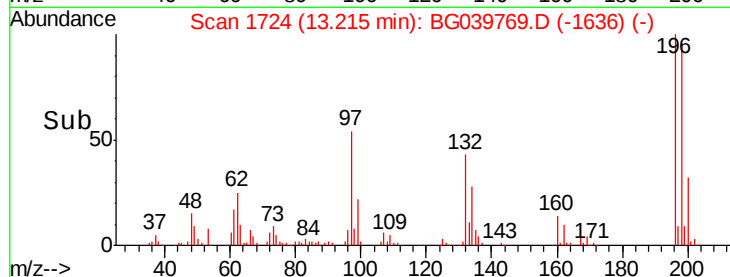
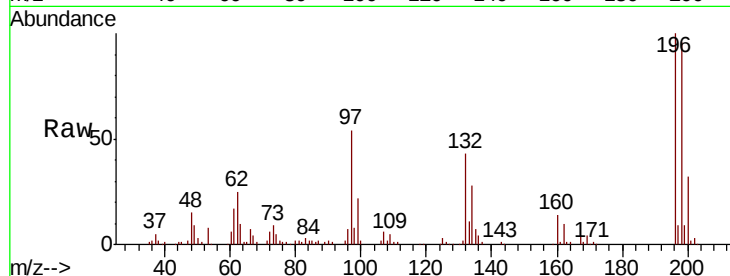




#43
 2,4,6-Trichlorophenol
 Concen: 43.793 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

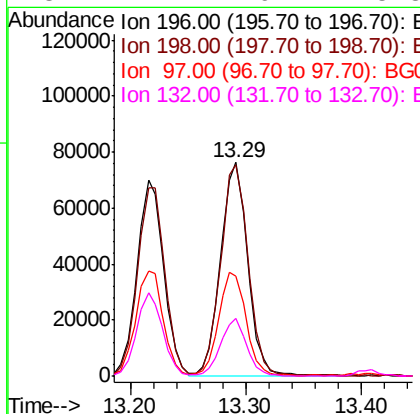
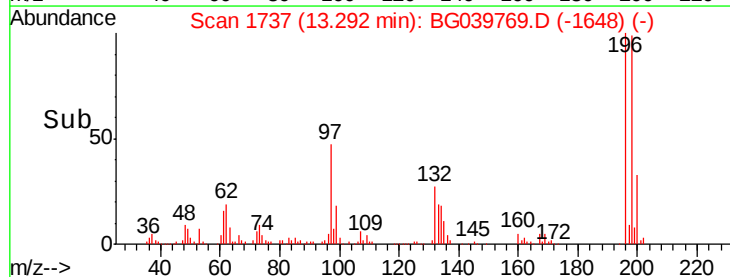
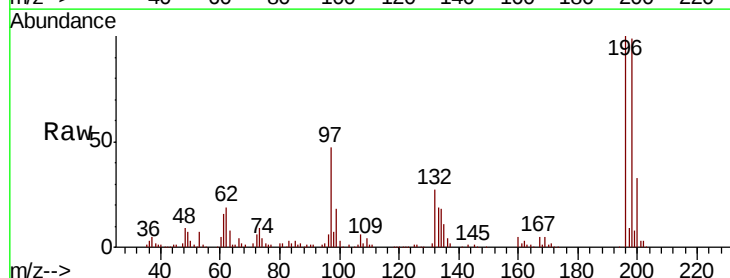
Instrument :
 BNA_G
 ClientSampleID :
 PB117613BS

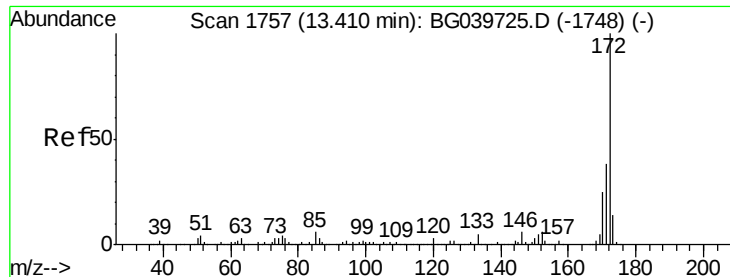
Tgt Ion:196 Resp: 112632
 Ion Ratio Lower Upper
 196 100
 198 96.0 80.6 121.0
 200 31.9 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.069 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:196 Resp: 124857
 Ion Ratio Lower Upper
 196 100
 198 98.9 78.5 117.7
 97 46.5 38.4 57.6
 132 27.1 19.2 28.8

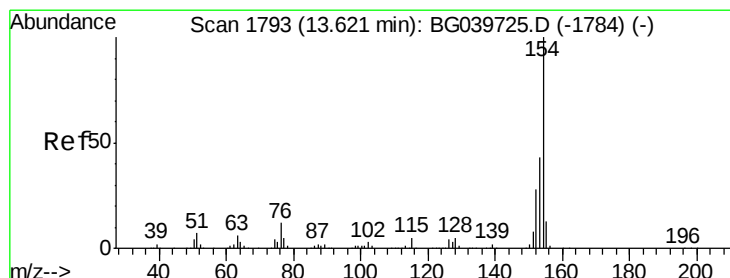
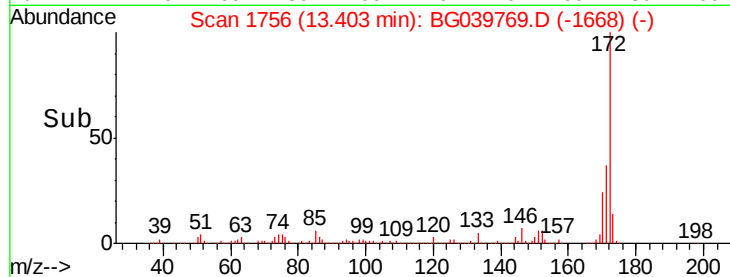
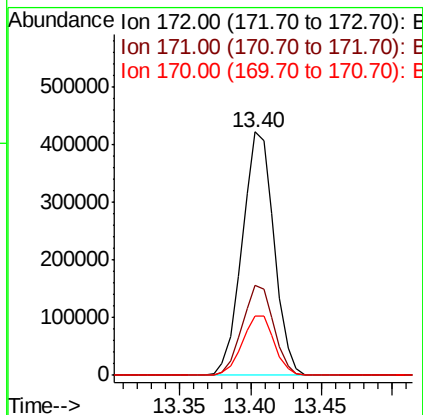
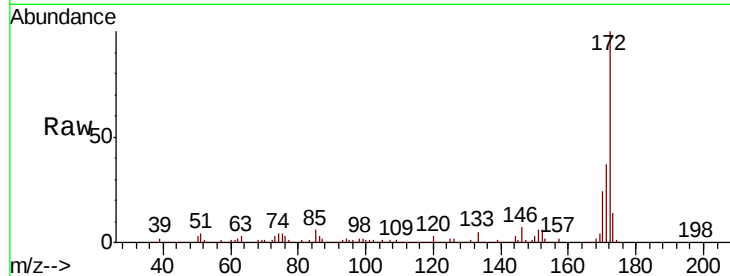




#45
 2-Fluorobiphenyl
 Concen: 72.766 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

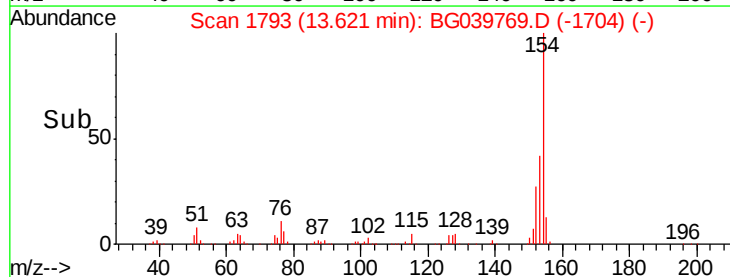
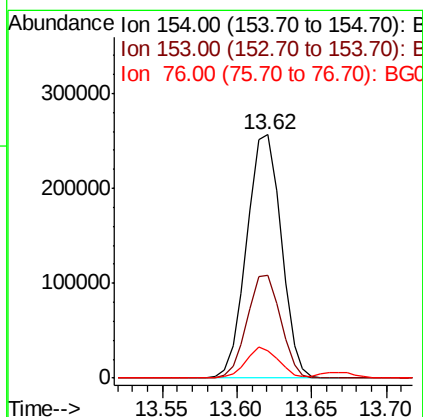
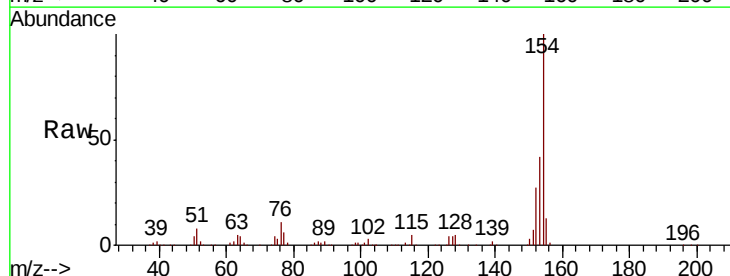
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion:172 Resp: 662708
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.1 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 38.439 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:154 Resp: 409972
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 11.4 0.0 32.4

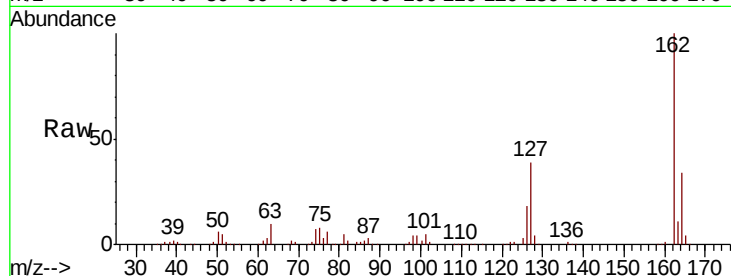




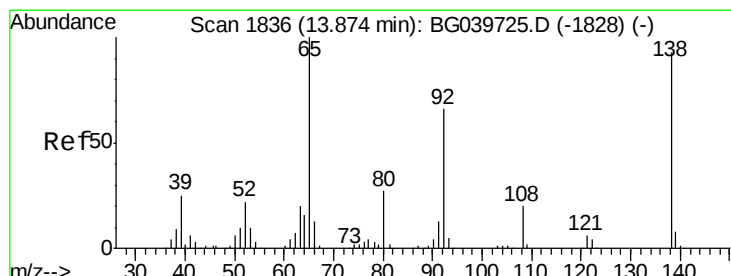
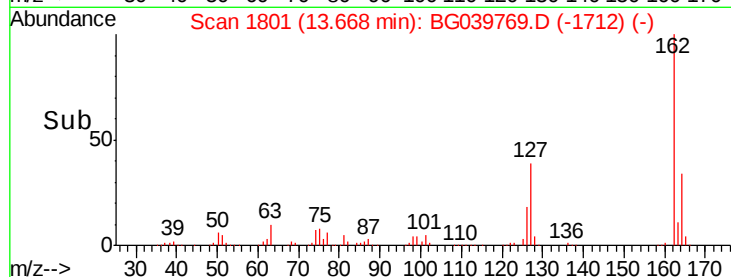
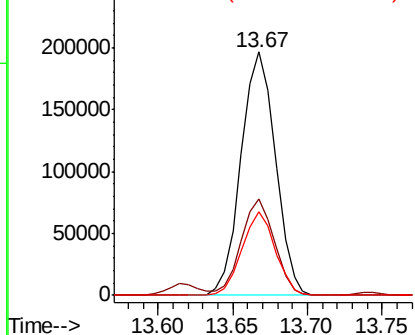
#47
 2-Chloronaphthalene
 Concen: 39.155 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion: 162 Resp: 314162
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.0 46.6
 164 34.3 25.7 38.5

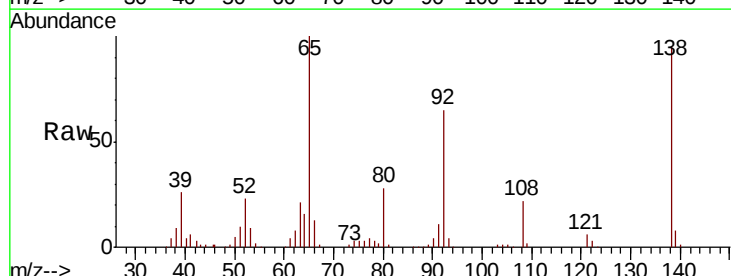


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

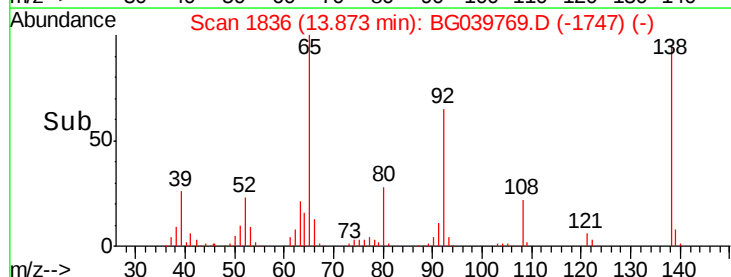
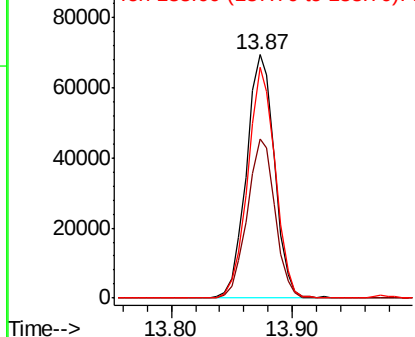


#48
 2-Nitroaniline
 Concen: 43.758 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion: 65 Resp: 112831
 Ion Ratio Lower Upper
 65 100
 92 65.2 51.4 77.2
 138 94.9 71.4 107.2



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





#49

Acenaphthylene

Concen: 38.888 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

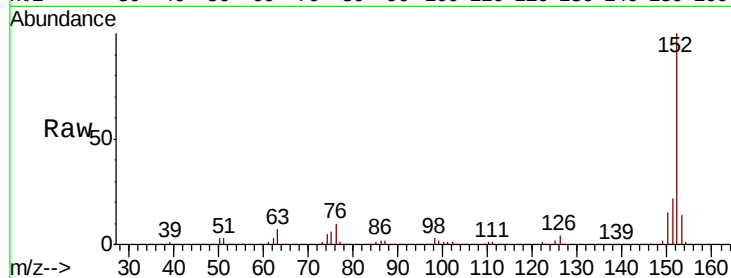
Tgt Ion:152 Resp: 512213

Ion Ratio Lower Upper

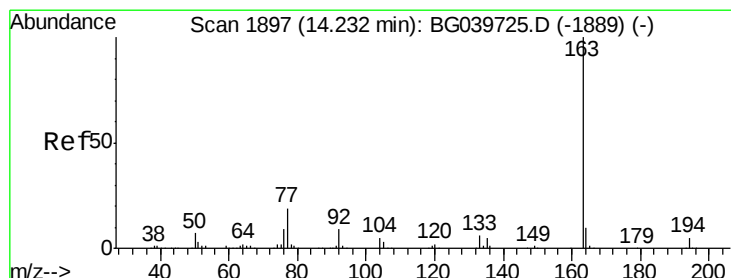
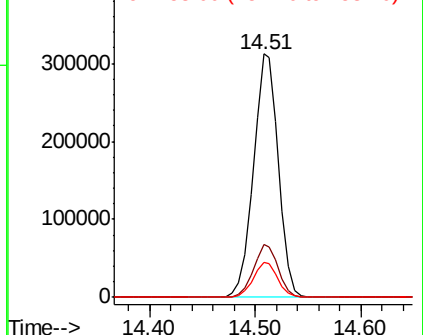
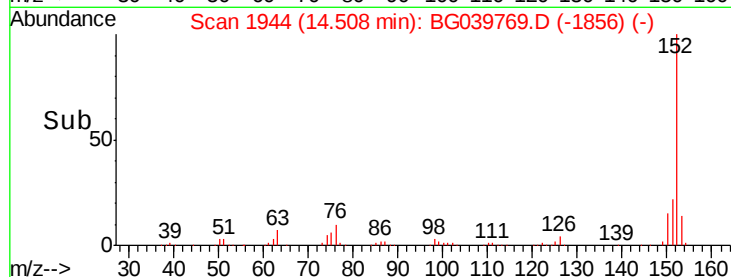
152 100

151 21.6 16.8 25.2

153 14.4 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: 40.026 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

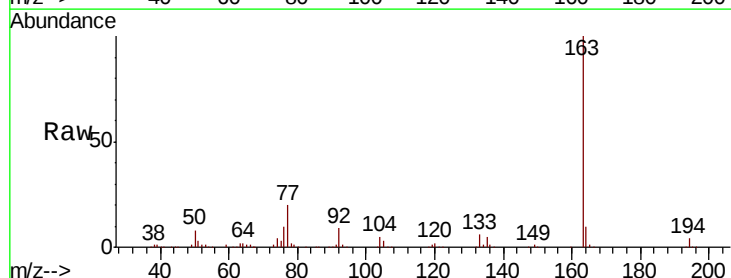
Tgt Ion:163 Resp: 434010

Ion Ratio Lower Upper

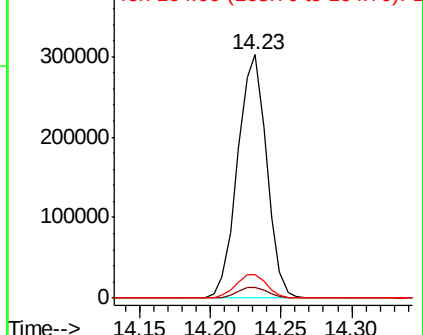
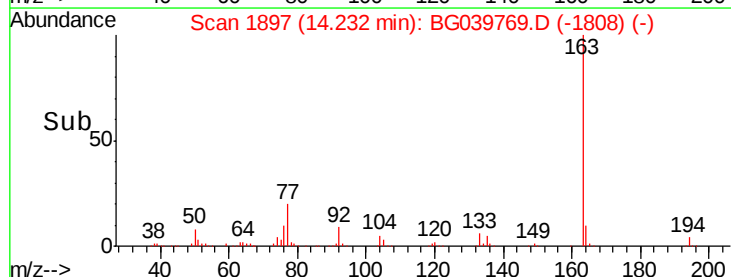
163 100

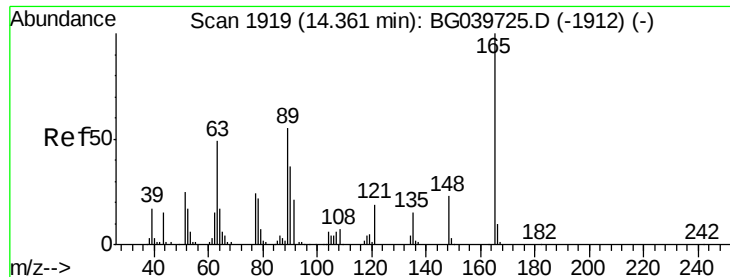
194 4.4 3.6 5.4

164 9.8 8.4 12.6



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

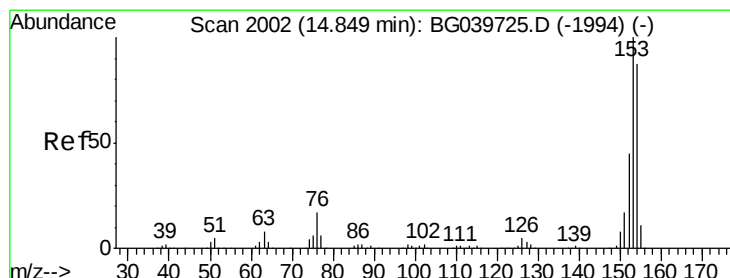
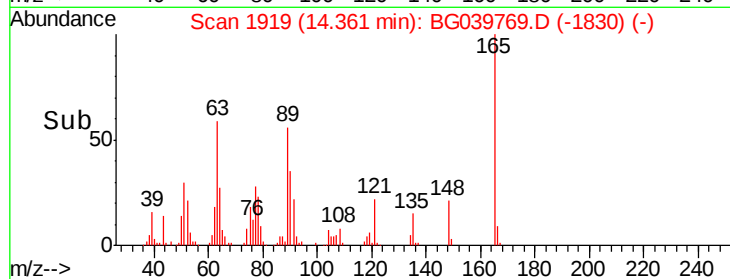
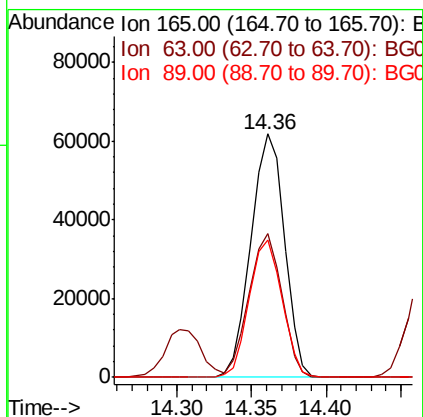
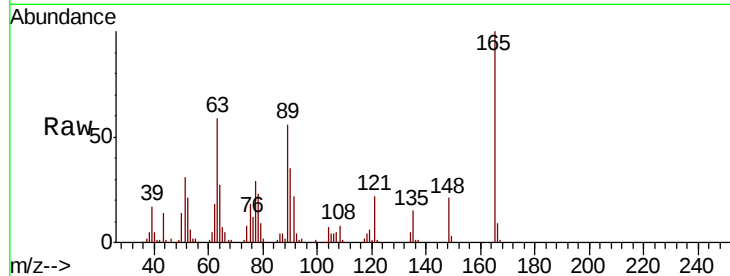




#51
2,6-Dinitrotoluene
Concen: 41.681 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

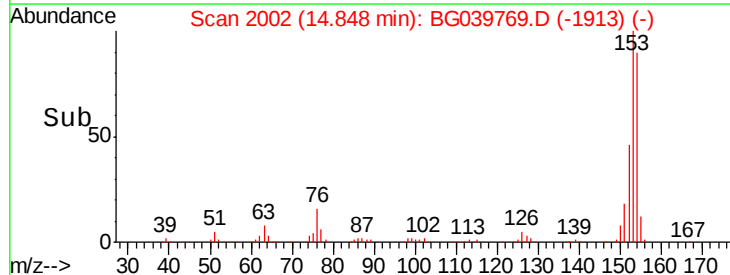
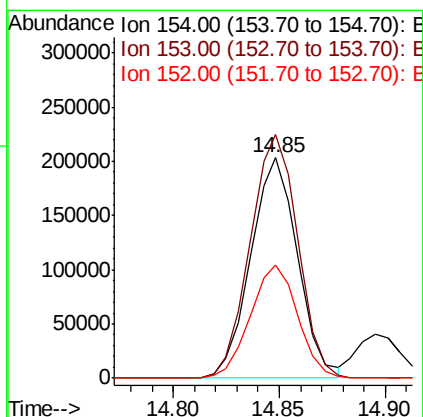
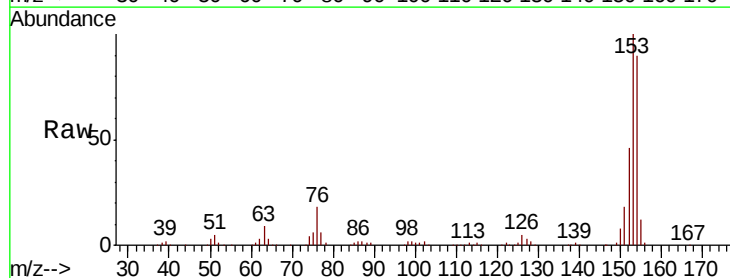
Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:165 Resp: 95812
Ion Ratio Lower Upper
165 100
63 59.2 47.0 70.6
89 56.2 45.8 68.8



#52
Acenaphthene
Concen: 39.569 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:154 Resp: 313688
Ion Ratio Lower Upper
154 100
153 110.6 90.1 135.1
152 51.1 40.9 61.3

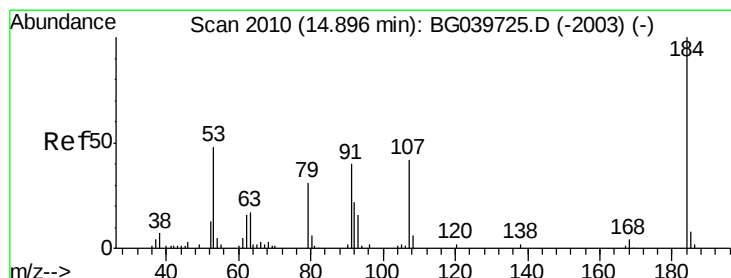
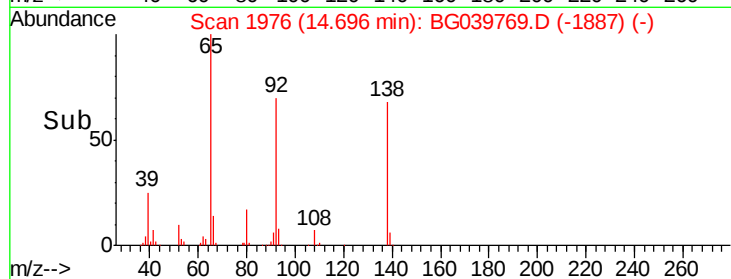
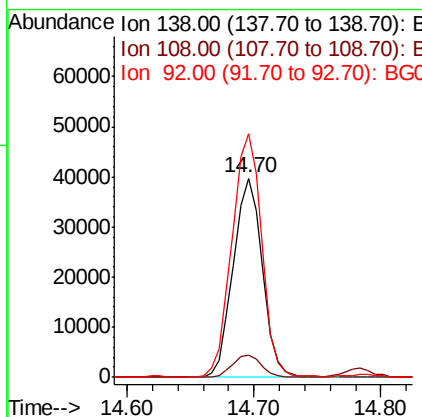
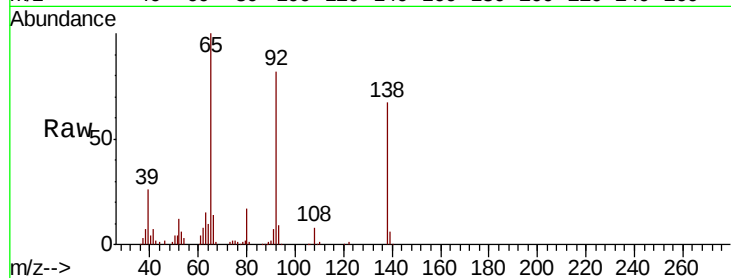




#53
3-Nitroaniline
Concen: 27.210 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

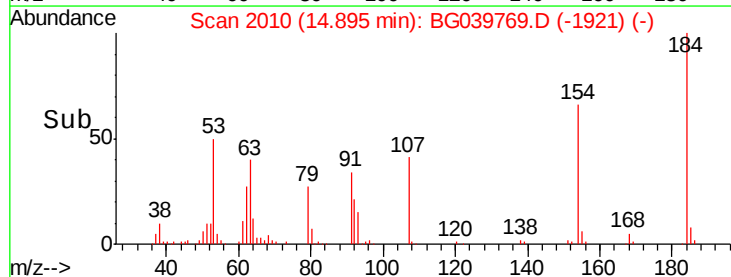
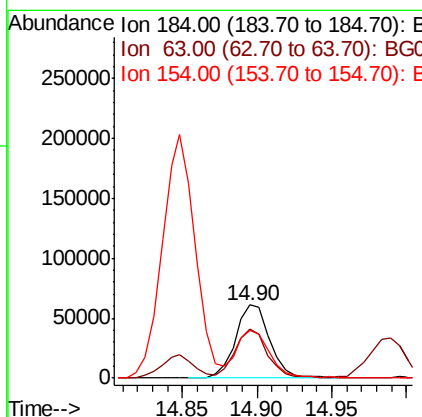
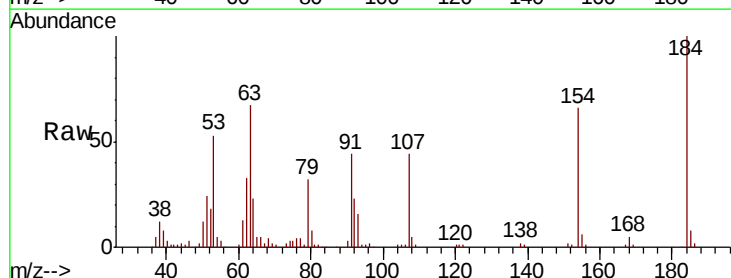
Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion:138 Resp: 62874
Ion Ratio Lower Upper
138 100
108 11.3 13.8 20.8#
92 122.2 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 68.168 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:184 Resp: 97614
Ion Ratio Lower Upper
184 100
63 66.7 50.9 76.3
154 66.4 53.0 79.6





#55

Dibenzofuran

Concen: 39.517 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

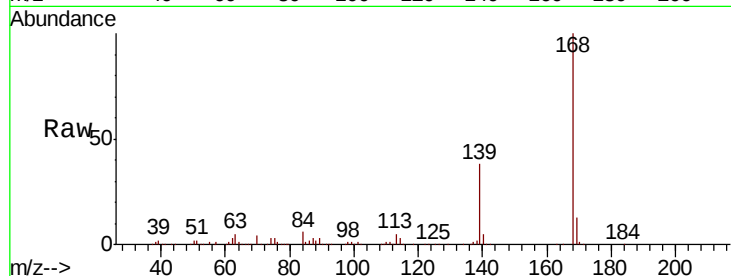
Tgt Ion:168 Resp: 513991

Ion Ratio Lower Upper

168 100

139 38.5 30.1 45.1

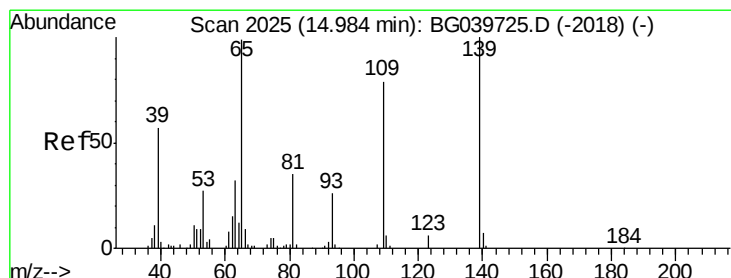
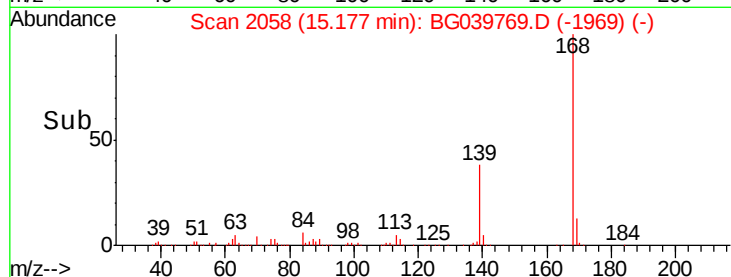
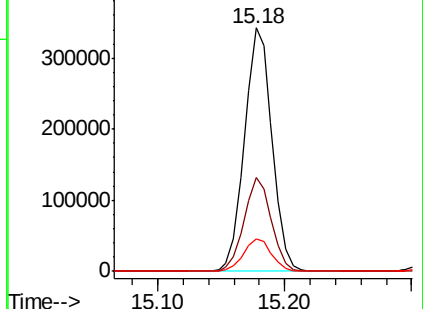
169 13.1 10.6 16.0



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: 83.125 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

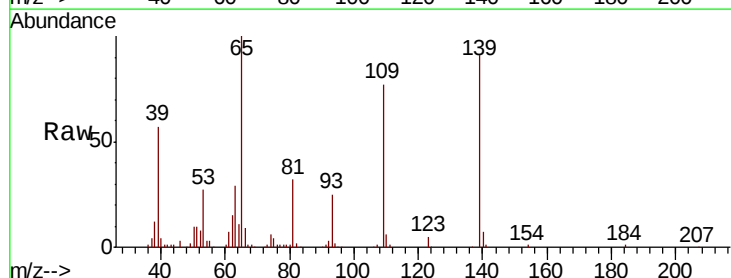
Tgt Ion:139 Resp: 171825

Ion Ratio Lower Upper

139 100

109 85.2 61.9 101.9

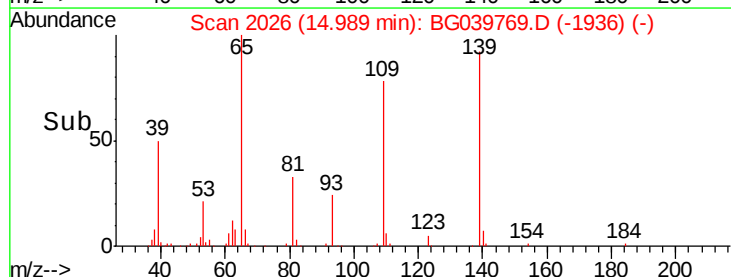
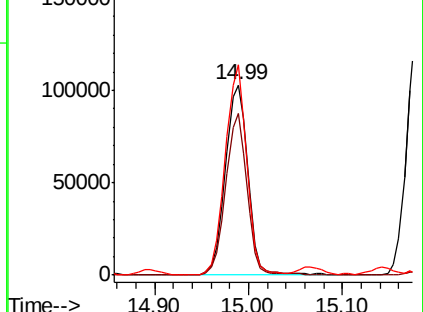
65 110.3 99.1 139.1

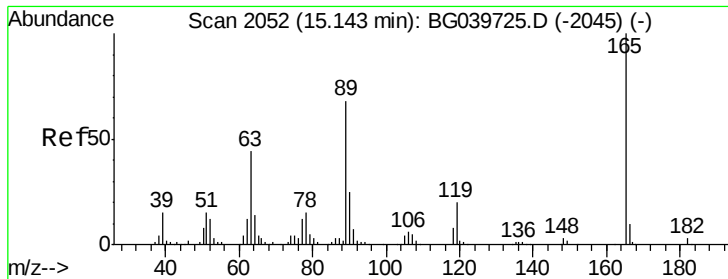


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

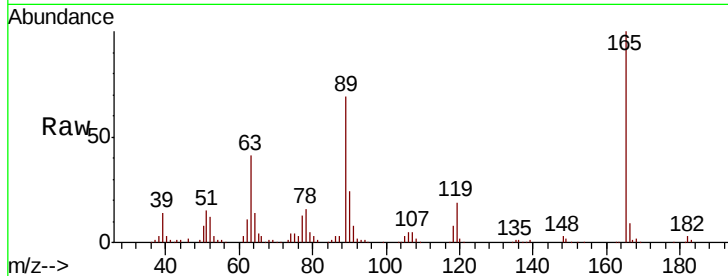




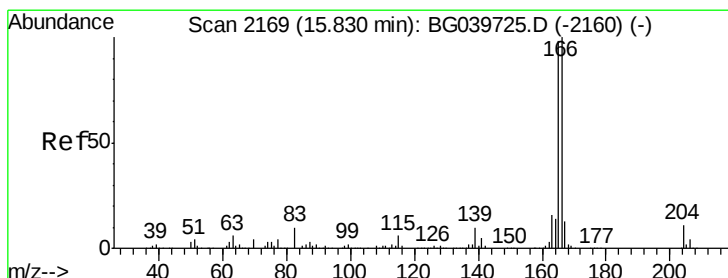
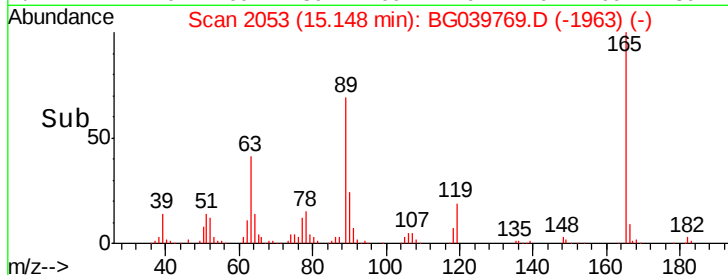
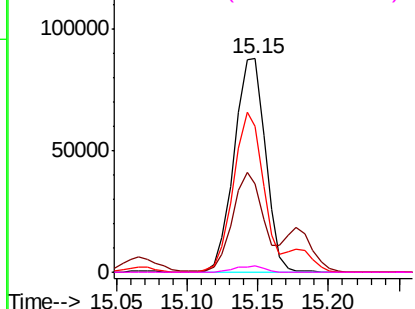
#57
 2,4-Dinitrotoluene
 Concen: 42.177 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.4	41.0	61.6
89	68.5	64.6	96.8
182	3.0	2.0	3.0#

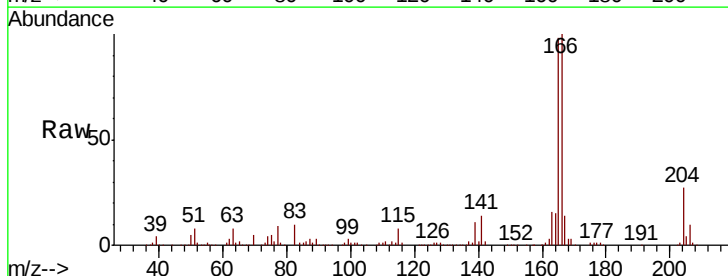


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

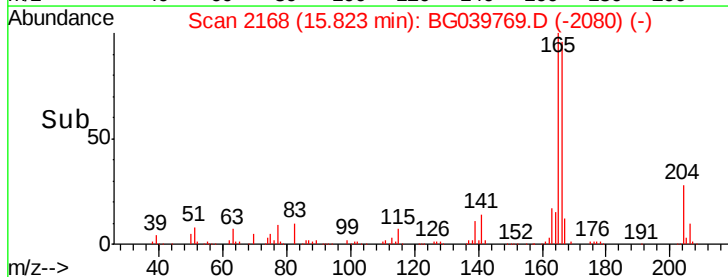
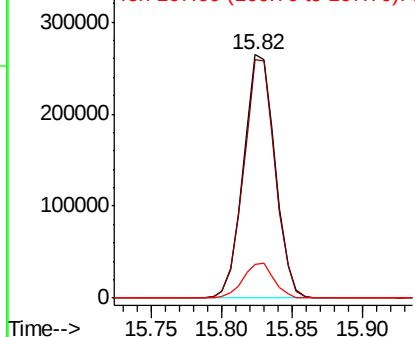


#58
 Fluorene
 Concen: 40.375 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.6	10.8	16.2



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

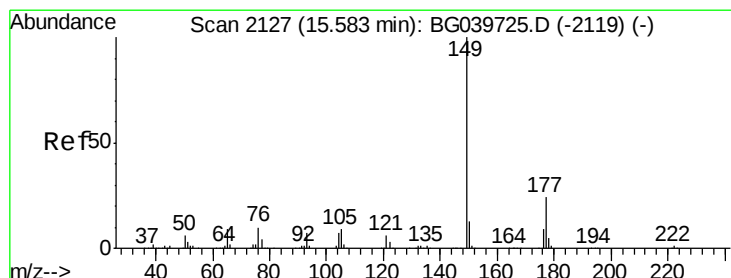
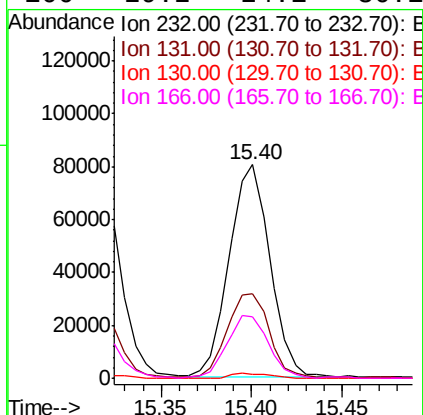
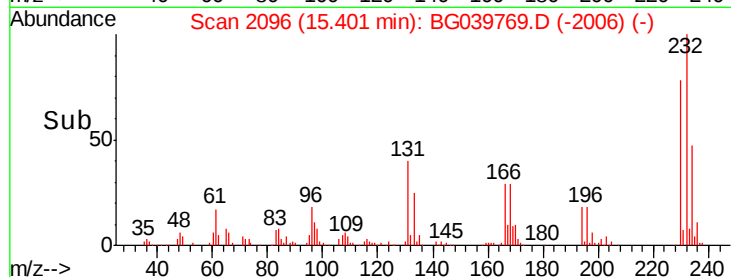
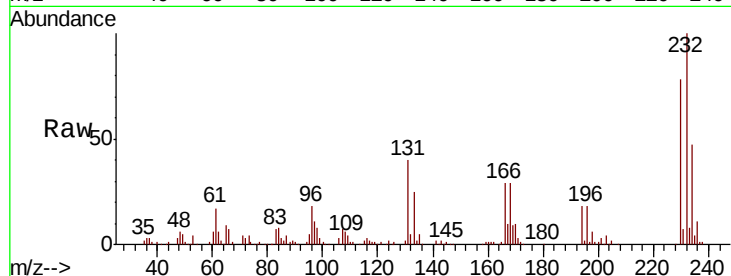




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.418 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

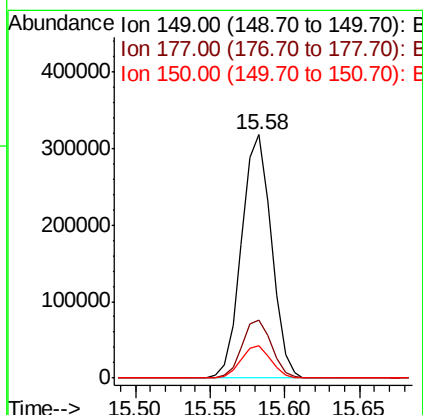
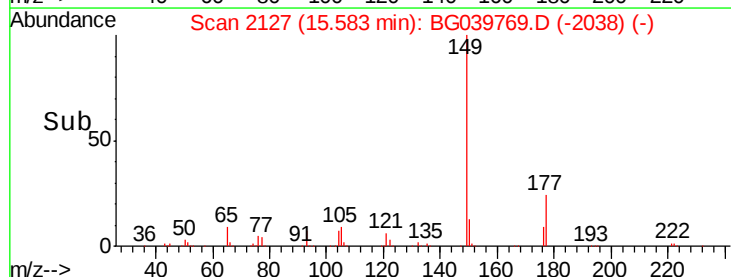
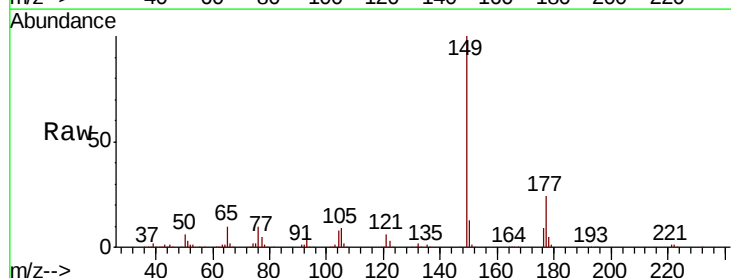
Instrument :
BNA_G
ClientSampleId :
PB117613BS

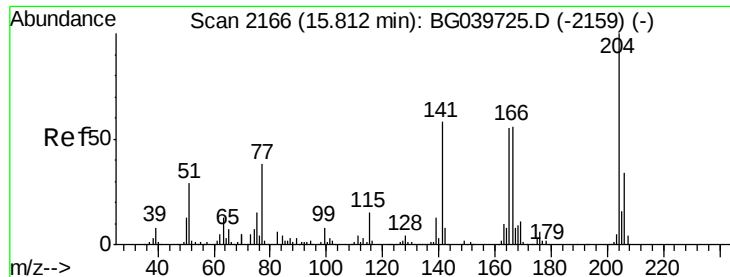
Tgt Ion:	232	Resp:	125758
Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.9	52.3
130	2.1	2.0	3.0
166	29.2	24.1	36.1



#60
Diethylphthalate
Concen: 41.040 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:	149	Resp:	440526
Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	13.4	10.2	15.2

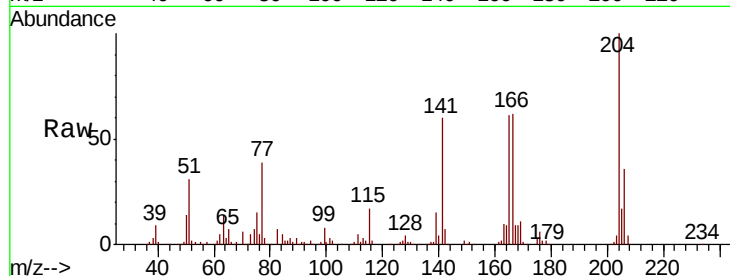




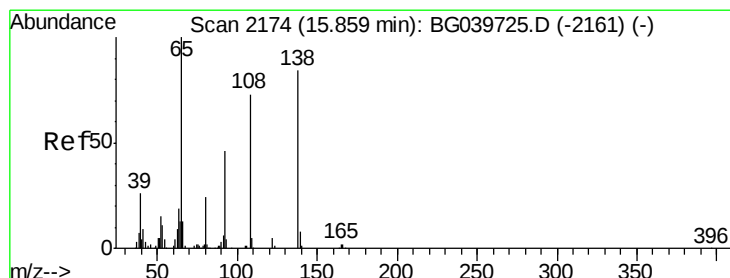
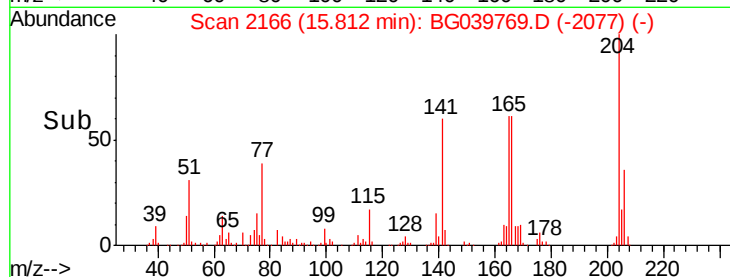
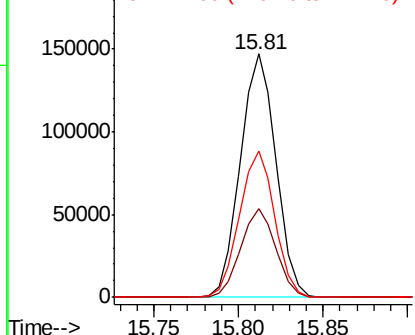
#61
 4-Chlorophenyl-phenylether
 Concen: 39.480 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

Tgt Ion: 204 Resp: 215417
 Ion Ratio Lower Upper
 204 100
 206 36.3 29.2 43.8
 141 60.0 49.0 73.4

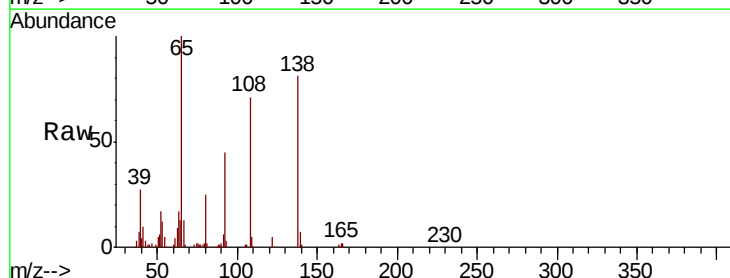


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

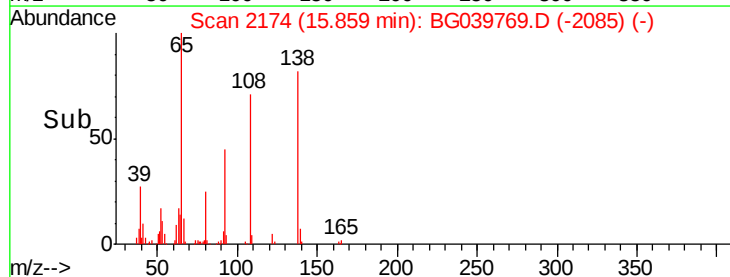
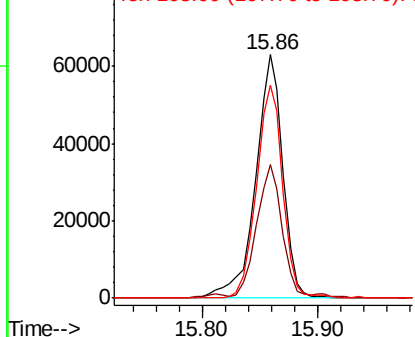


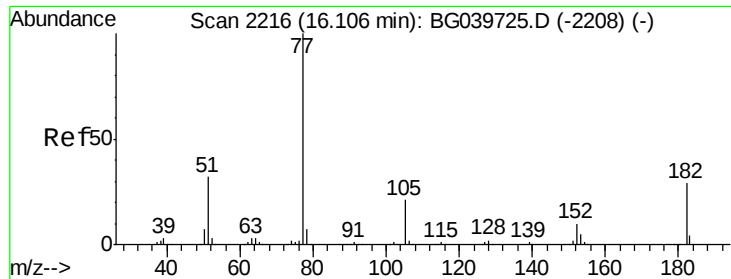
#62
 4-Nitroaniline
 Concen: 41.320 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion: 138 Resp: 103509
 Ion Ratio Lower Upper
 138 100
 92 55.0 38.7 78.7
 108 87.5 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

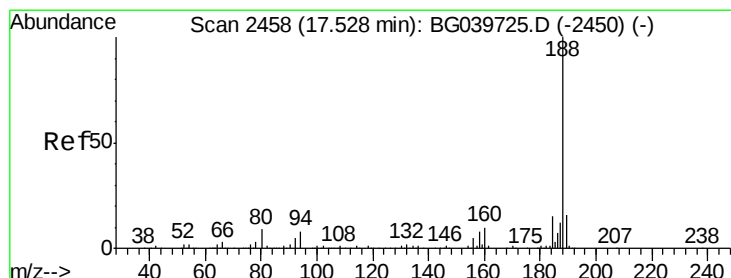
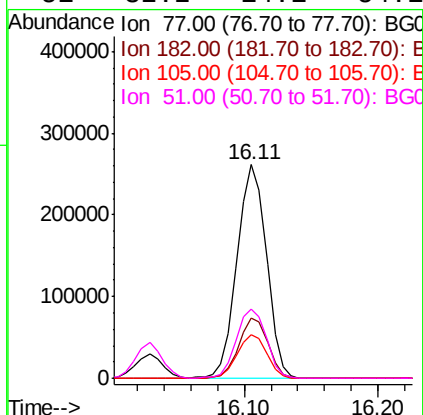
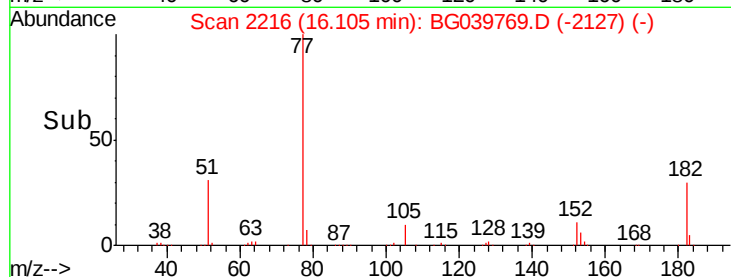
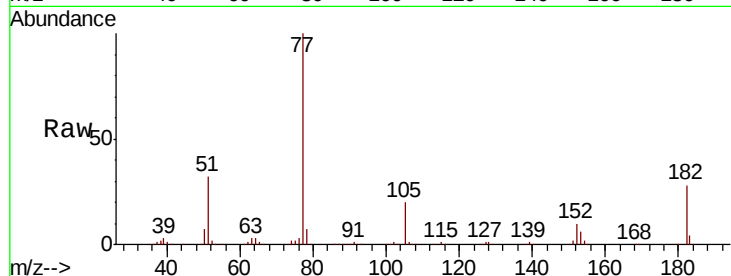




#63
Azobenzene
Concen: 41.182 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

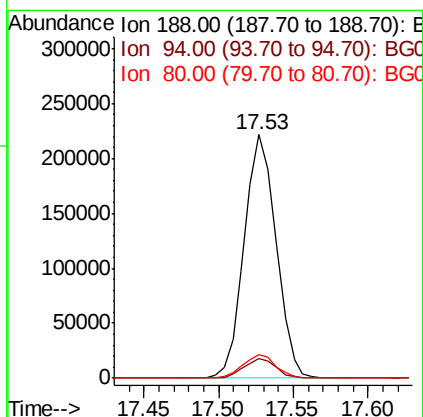
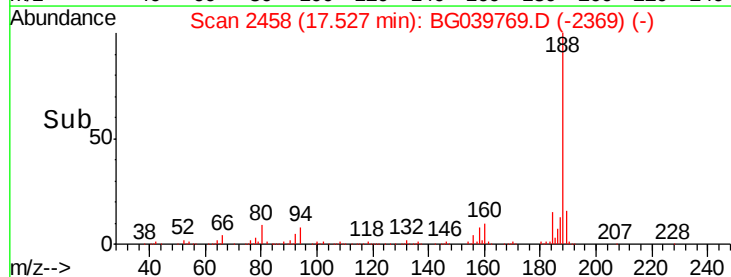
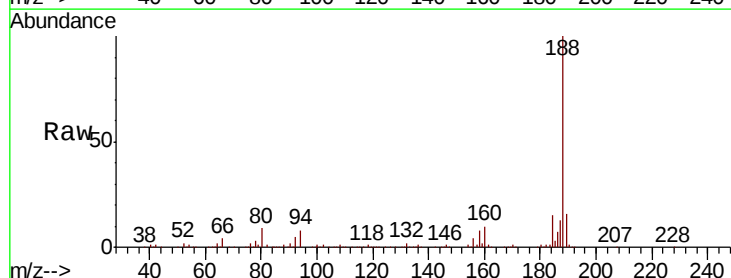
Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.4	6.4	46.4
105	20.2	0.0	39.8
51	32.2	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.4	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.533 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

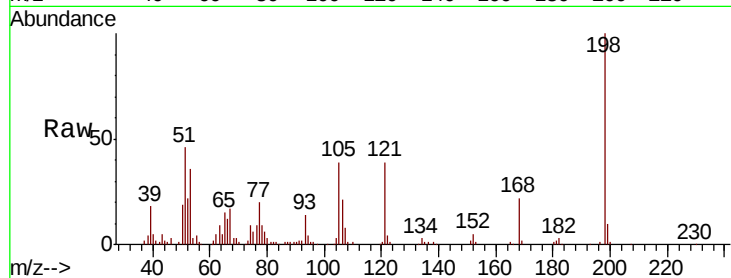
Tgt Ion:198 Resp: 76576

Ion Ratio Lower Upper

198 100

51 46.1 27.4 67.4

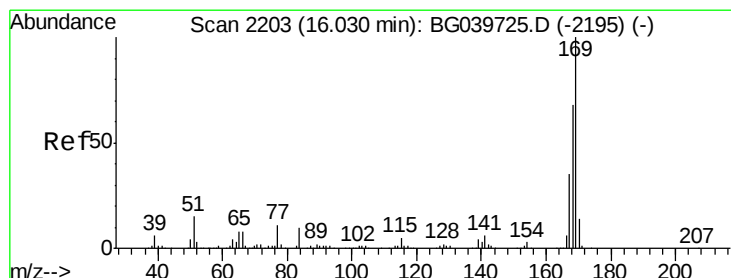
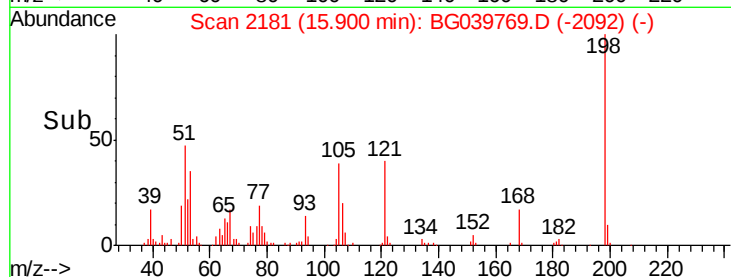
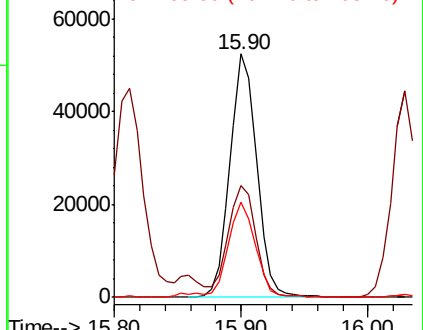
105 38.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.467 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

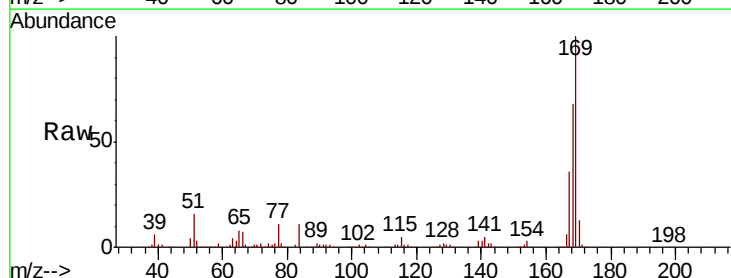
Tgt Ion:169 Resp: 383803

Ion Ratio Lower Upper

169 100

168 68.2 56.6 85.0

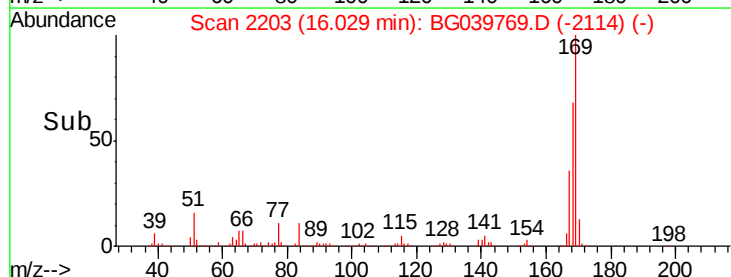
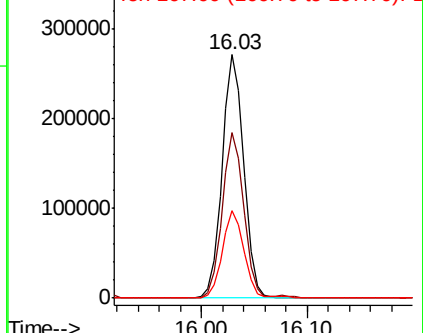
167 35.7 28.8 43.2



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

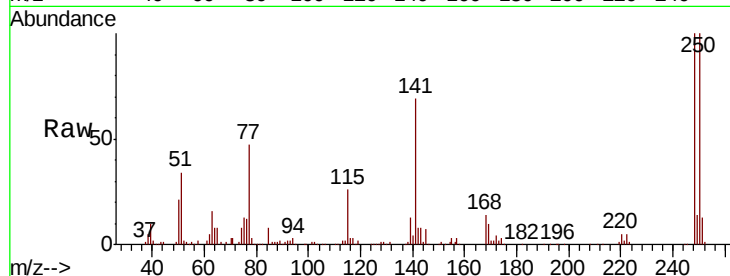




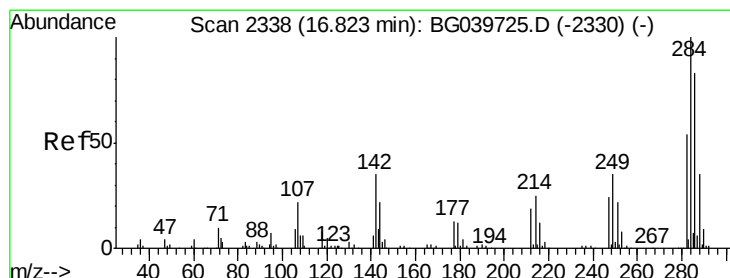
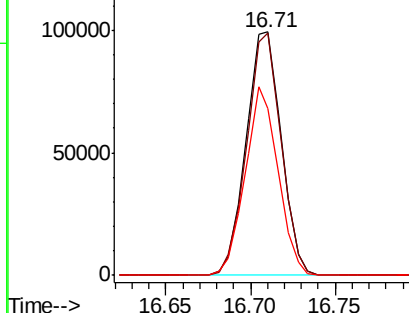
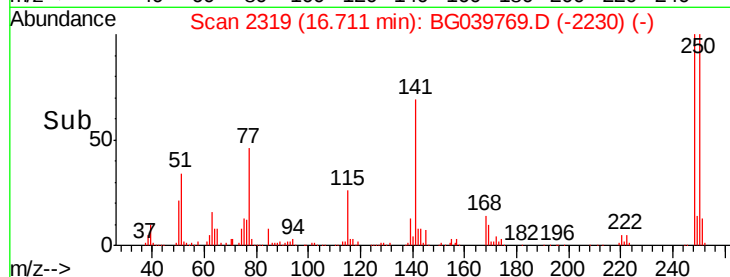
#67
 4-Bromophenyl-phenylether
 Concen: 39.312 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Instrument :
 BNA_G
 ClientSampled :
 PB117613BS

Tgt Ion:248 Resp: 144157
 Ion Ratio Lower Upper
 248 100
 250 99.8 77.6 116.4
 141 68.6 63.9 95.9

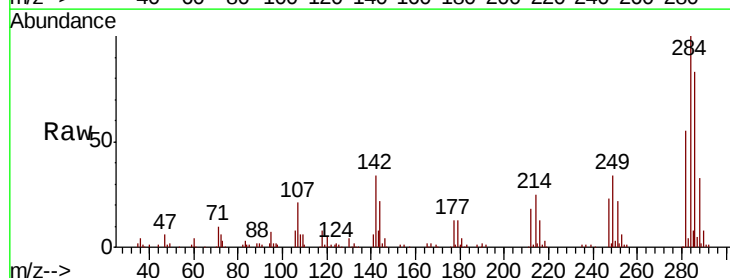


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

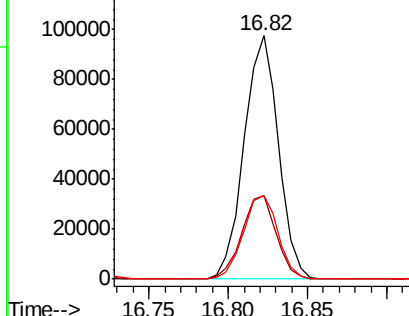
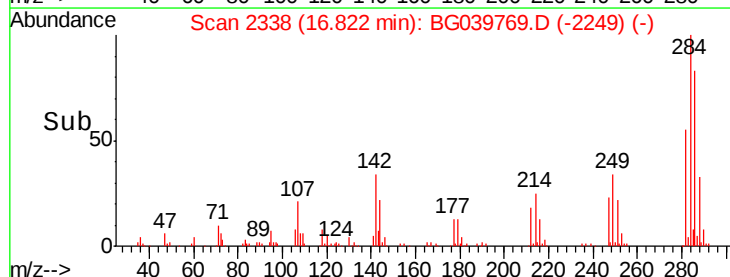


#68
 Hexachlorobenzene
 Concen: 38.458 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:284 Resp: 146183
 Ion Ratio Lower Upper
 284 100
 142 34.5 30.6 45.8
 249 34.4 28.2 42.2



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





#69

Atrazine

Concen: 41.742 ng

RT: 16.97 min Scan# 2363

Delta R.T. -0.00 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

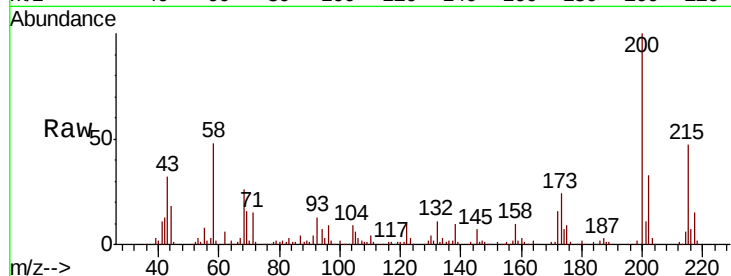
Tgt Ion:200 Resp: 155808

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

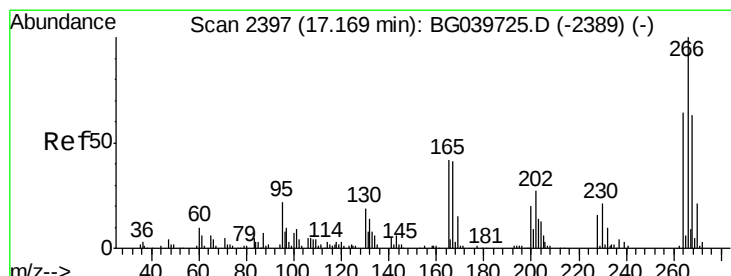
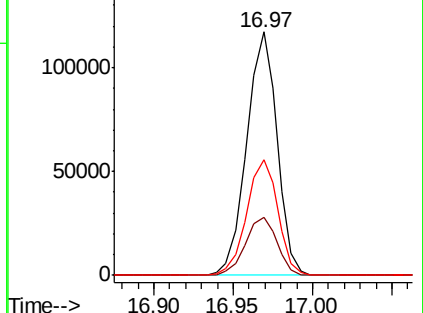
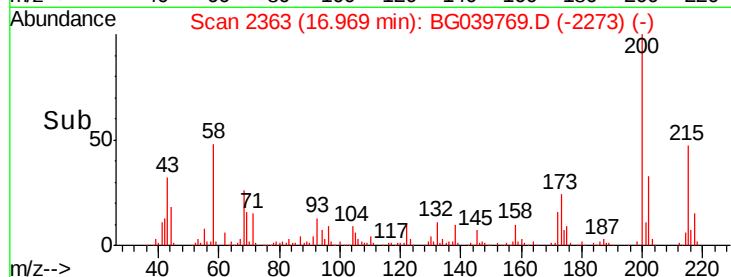
215 47.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.419 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

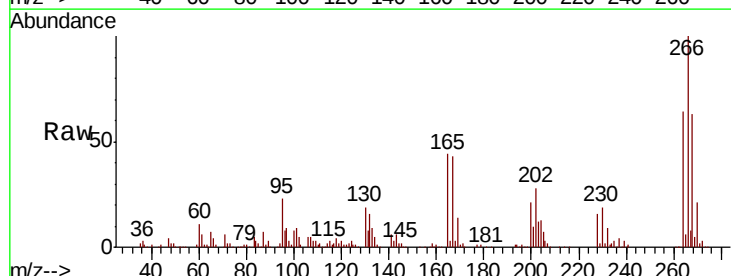
Tgt Ion:266 Resp: 188251

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

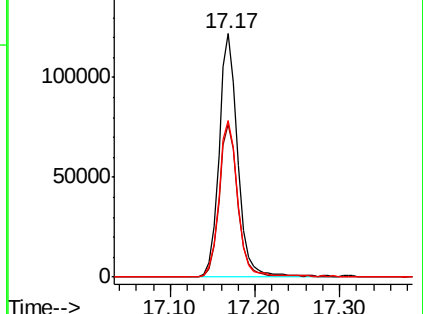
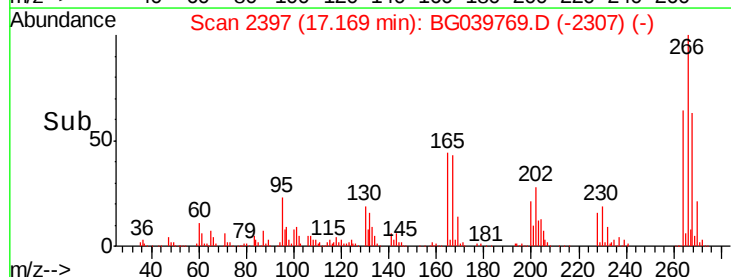
264 64.1 52.1 78.1

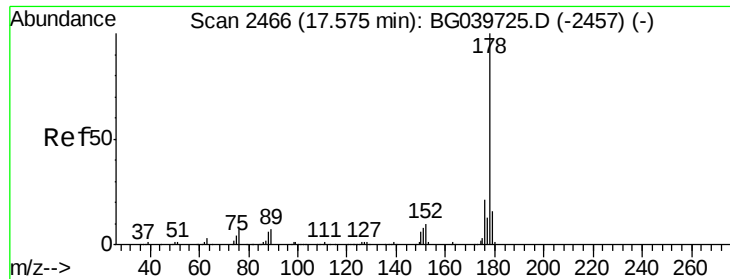


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

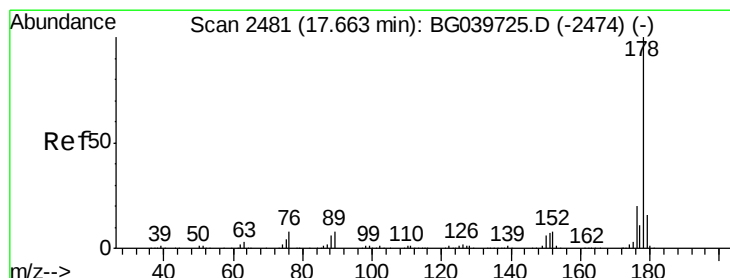
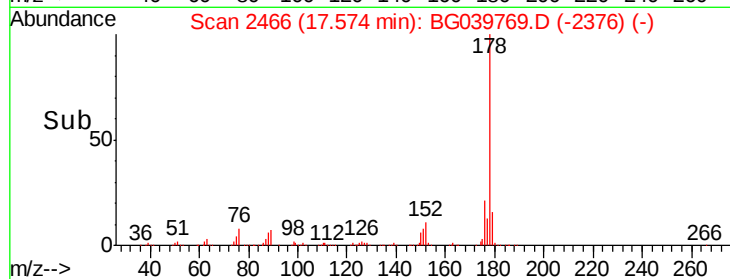
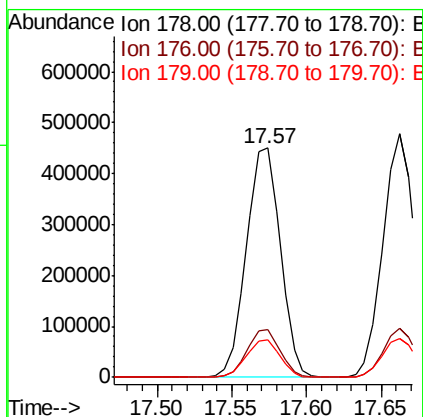
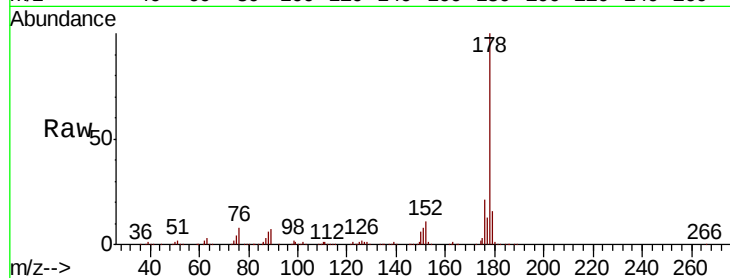




#71
Phenanthrene
Concen: 39.293 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

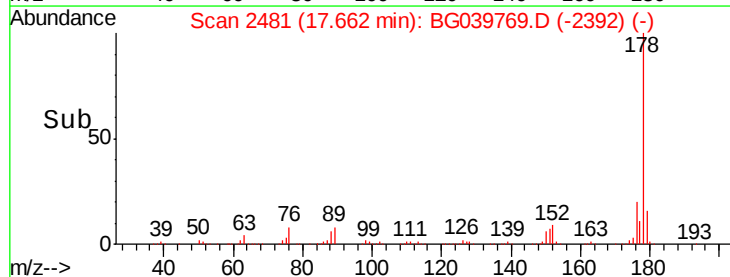
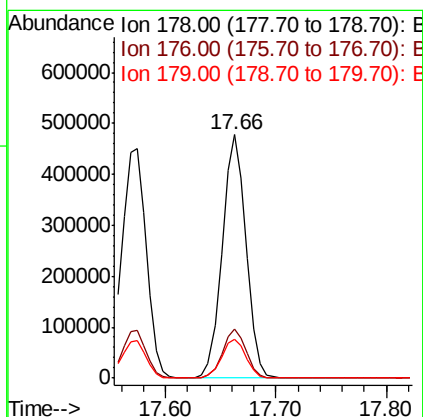
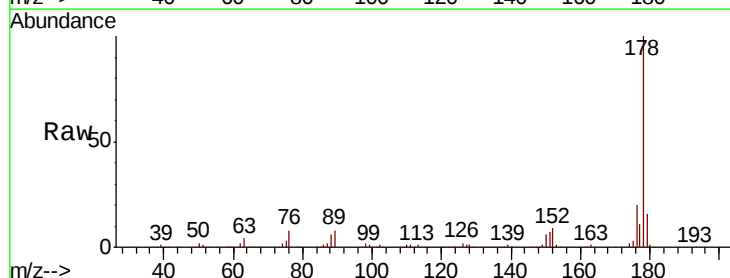
Instrument :
BNA_G
ClientSampleId :
PB117613BS

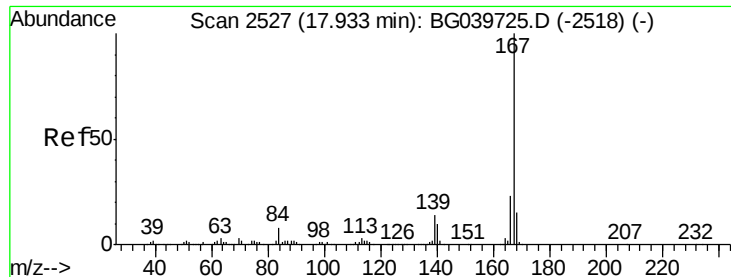
Tgt Ion:178 Resp: 709042
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 40.706 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:178 Resp: 715803
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.2 12.5 18.7

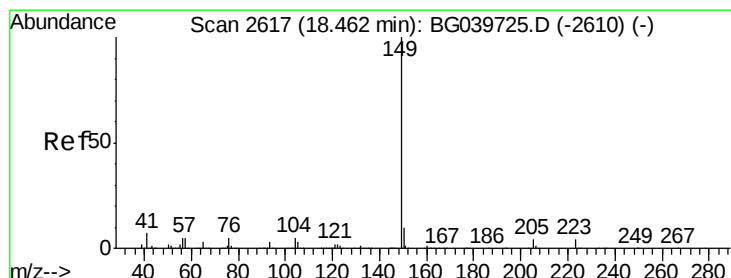
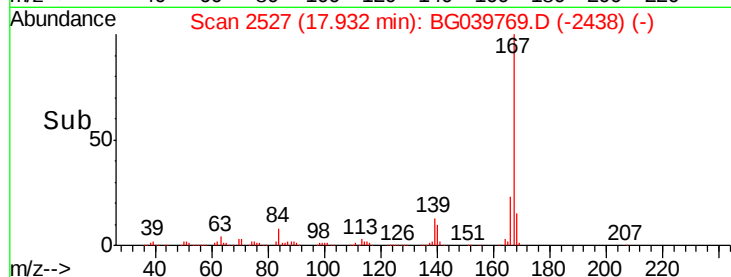
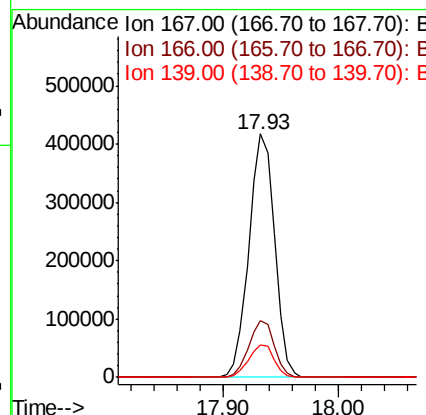
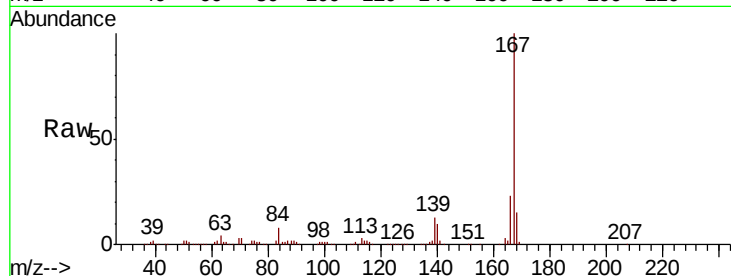




#73
 Carbazole
 Concen: 40.732 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

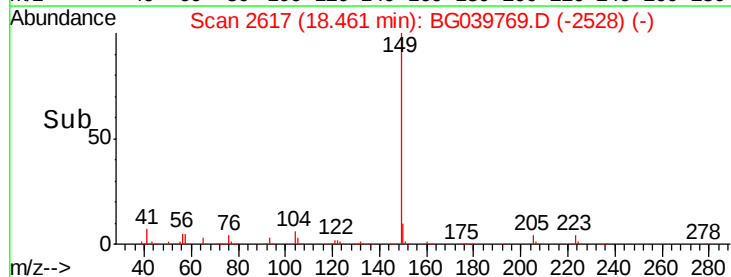
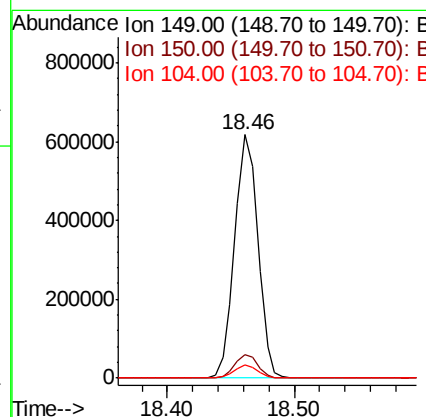
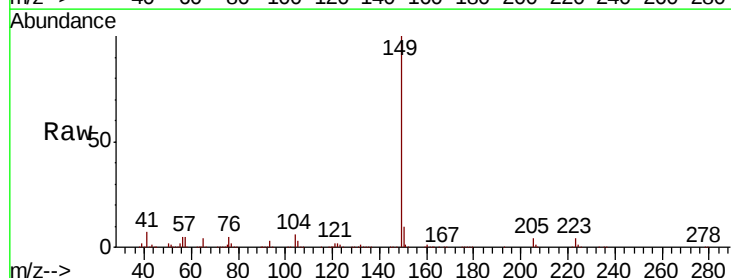
Instrument :
 BNA_G
 ClientSampleId :
 PB117613BS

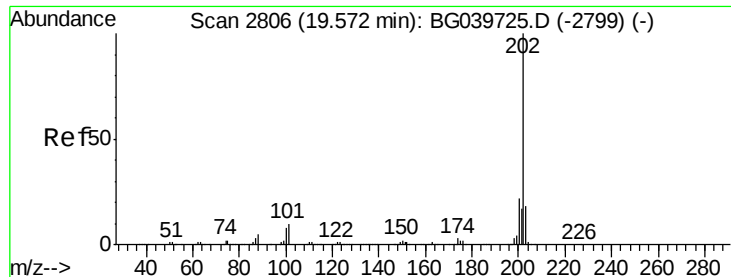
Tgt Ion:167 Resp: 645707
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 41.980 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039769.D
 Acq: 5 Mar 2019 18:05

Tgt Ion:149 Resp: 783005
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 40.587 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

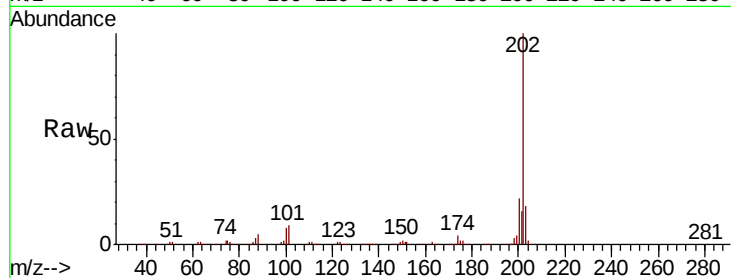
Tgt Ion:202 Resp: 865562

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

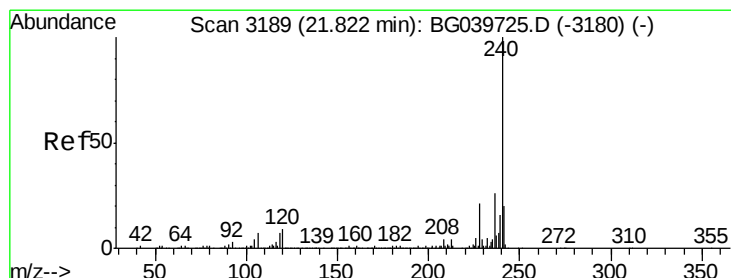
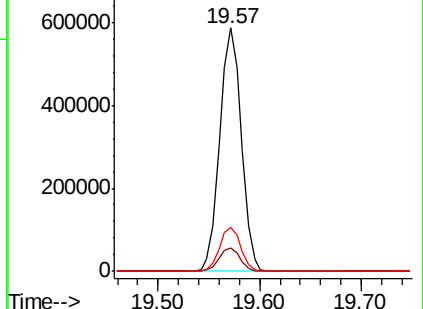
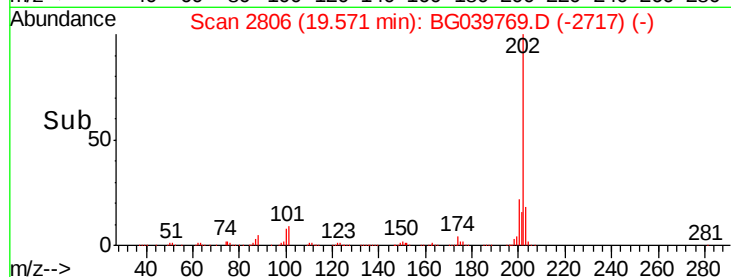
203 18.2 0.0 38.9



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: BG039769.D

Acq: 5 Mar 2019 18:05

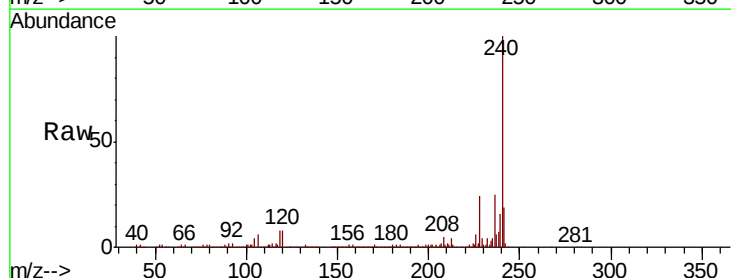
Tgt Ion:240 Resp: 339422

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

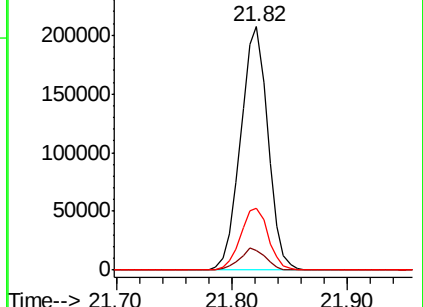
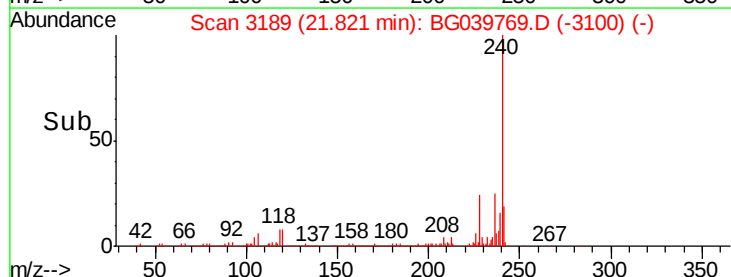
236 25.4 21.0 31.4

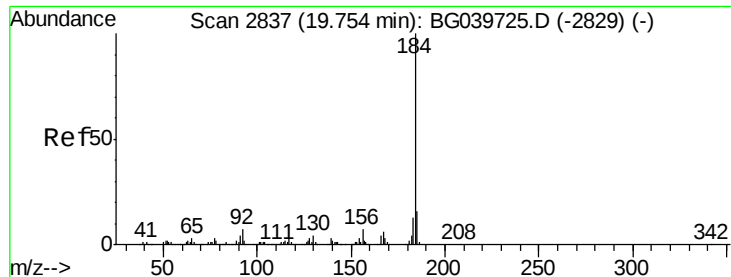


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 35.742 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

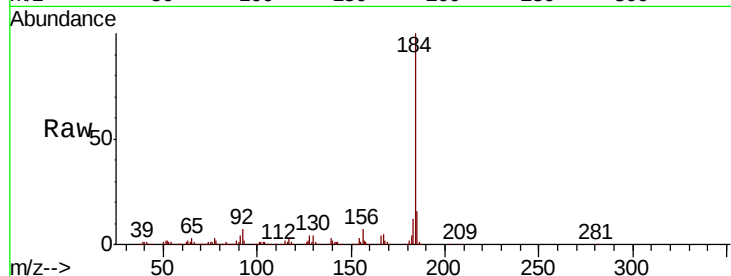
Tgt Ion:184 Resp: 384976

Ion Ratio Lower Upper

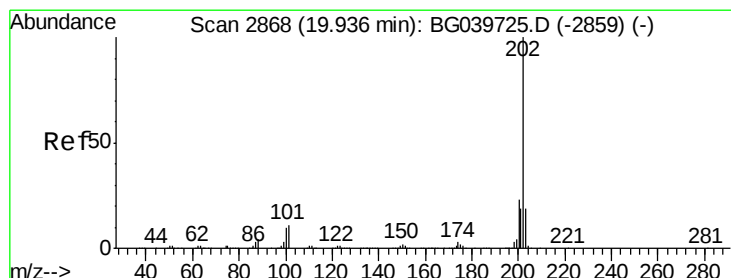
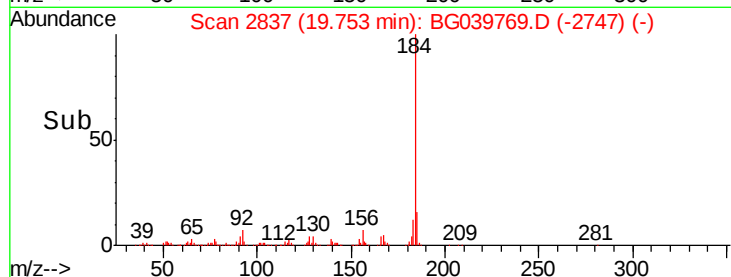
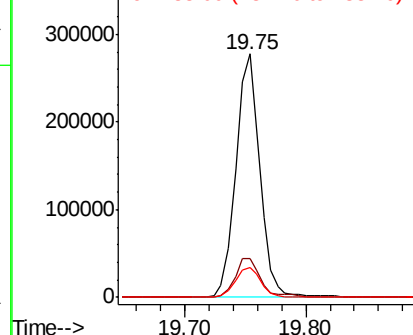
184 100

185 15.9 12.2 18.2

183 12.3 10.6 15.8



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



#78

Pyrene

Concen: 38.349 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

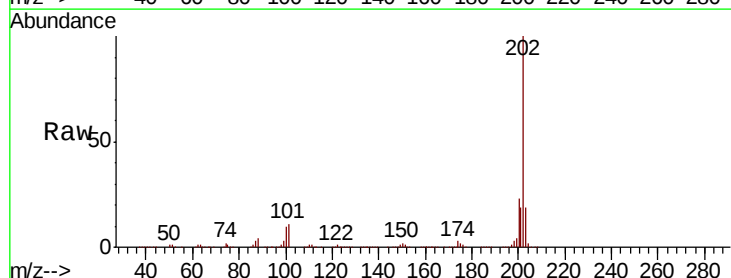
Tgt Ion:202 Resp: 845823

Ion Ratio Lower Upper

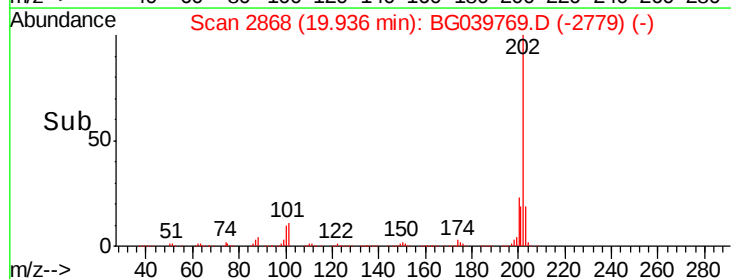
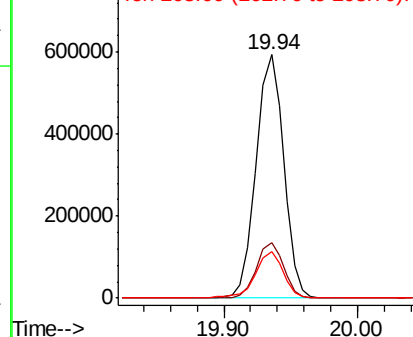
202 100

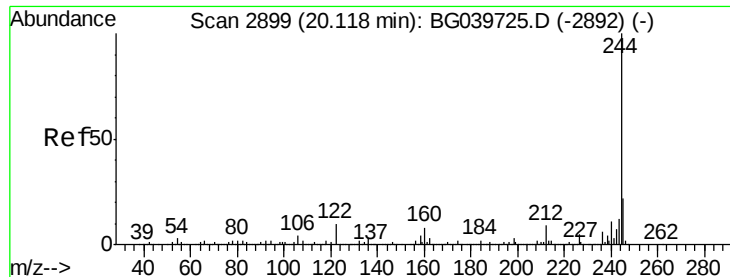
200 22.8 17.8 26.8

203 19.0 15.3 22.9



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





#79

Terphenyl-d14

Concen: 74.656 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

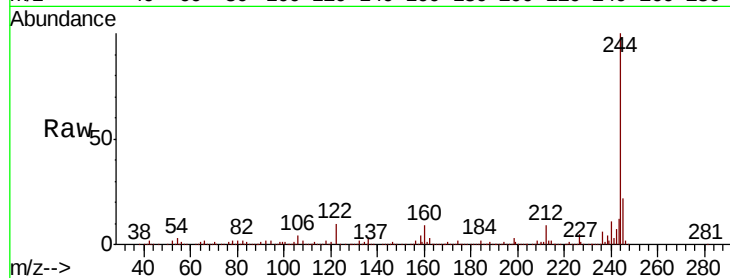
Tgt Ion:244 Resp: 1150863

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

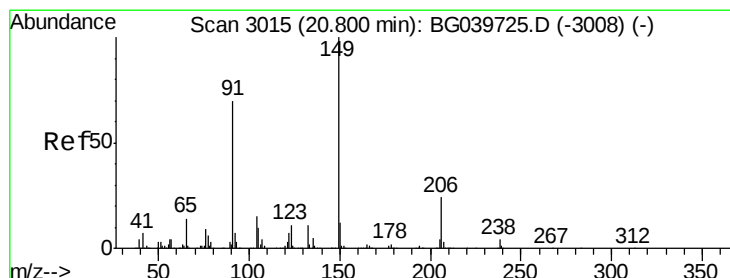
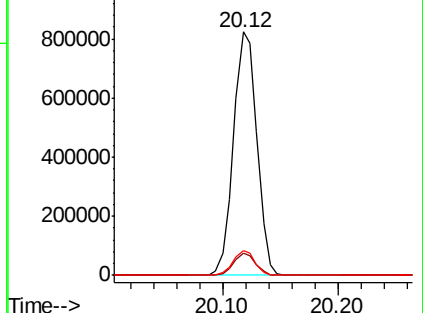
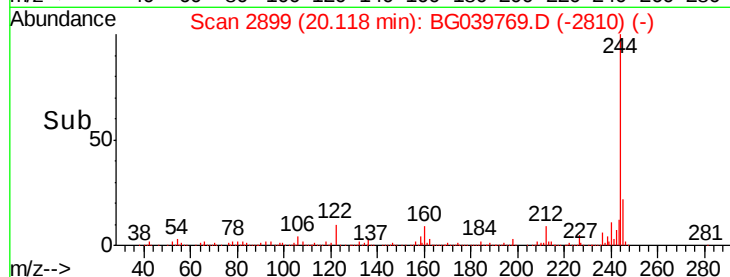
122 10.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.666 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

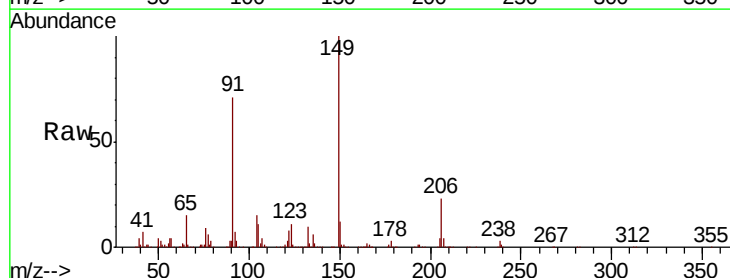
Tgt Ion:149 Resp: 364578

Ion Ratio Lower Upper

149 100

91 71.0 59.5 89.3

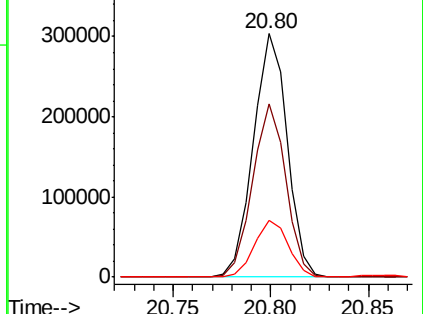
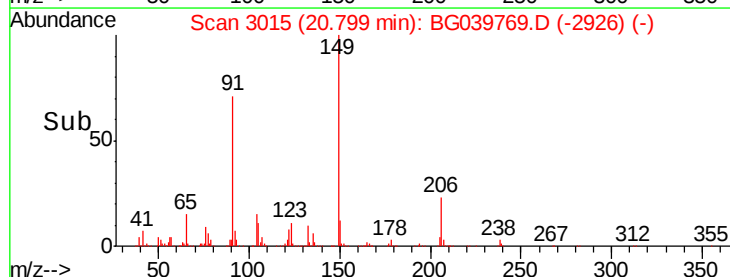
206 23.5 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.895 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

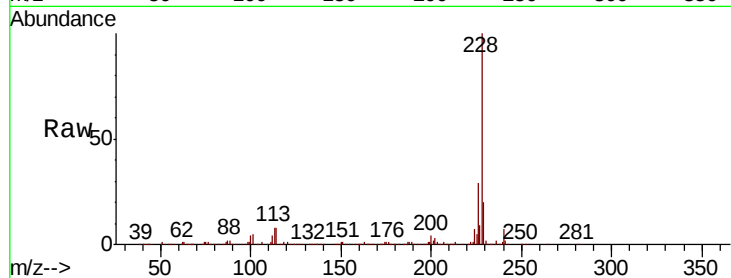
Tgt Ion:228 Resp: 827399

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

229 20.3 16.9 25.3

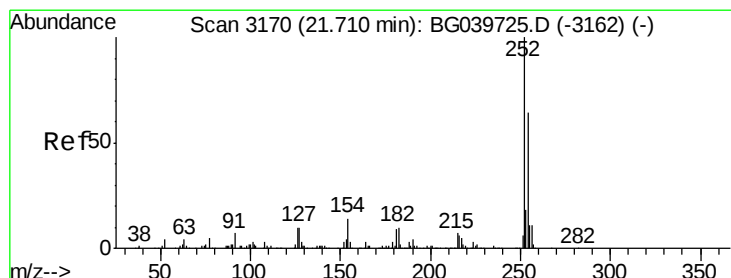
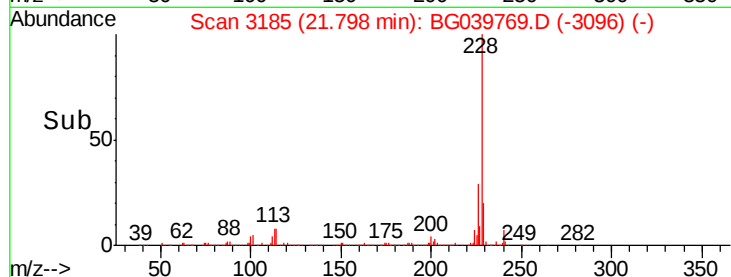
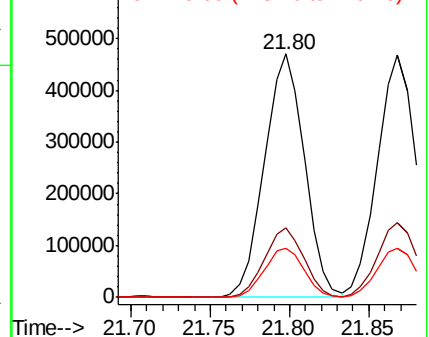


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.287 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

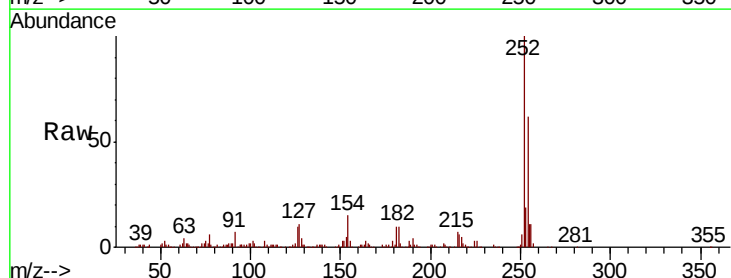
Tgt Ion:252 Resp: 196390

Ion Ratio Lower Upper

252 100

254 61.5 51.3 76.9

126 9.8 8.0 12.0

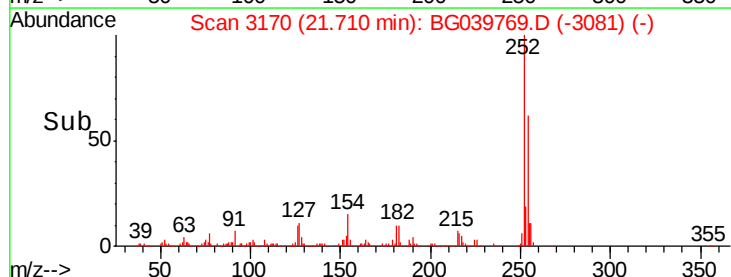
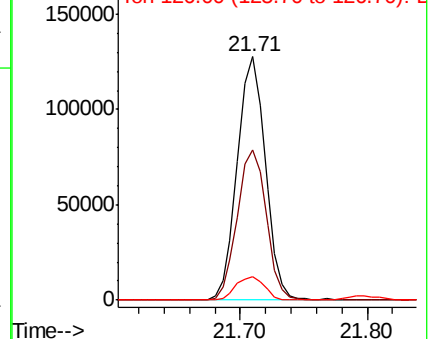


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.429 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

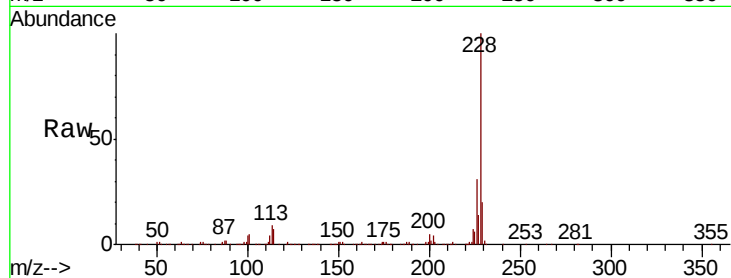
Tgt Ion:228 Resp: 792533

Ion Ratio Lower Upper

228 100

226 30.8 25.8 38.6

229 20.4 16.6 25.0

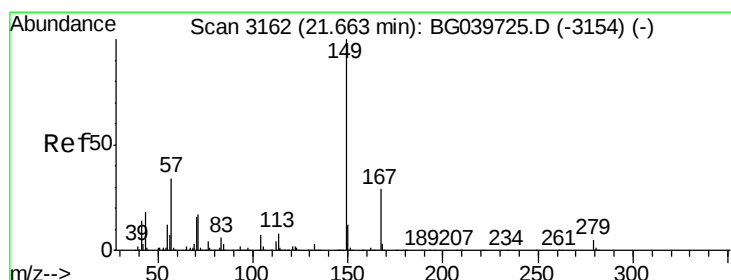
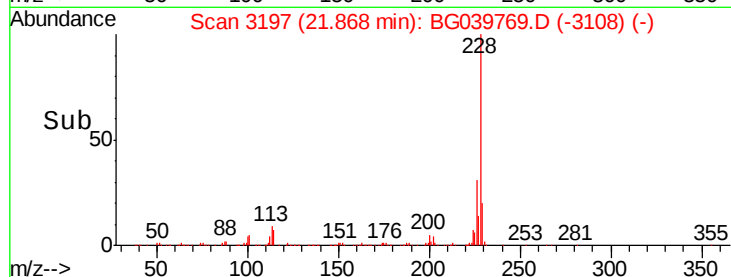
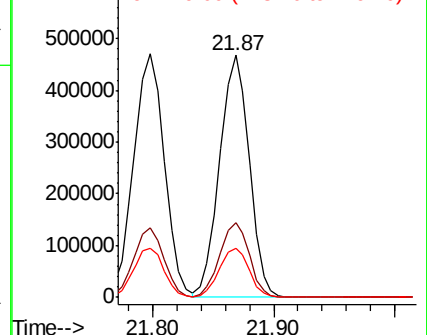


Abundance

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: 41.884 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

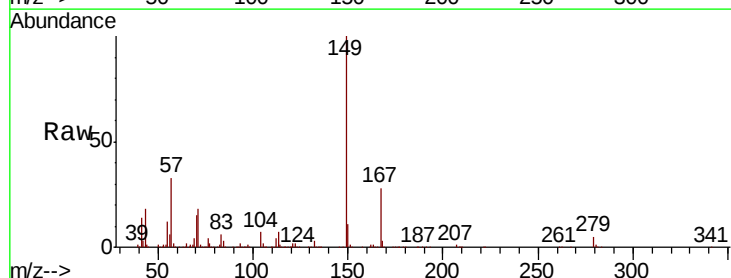
Tgt Ion:149 Resp: 502936

Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

279 5.2 3.5 5.3

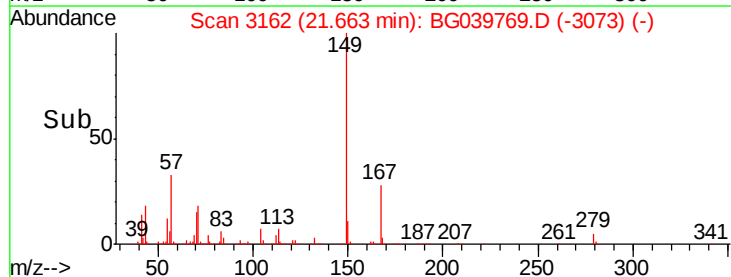
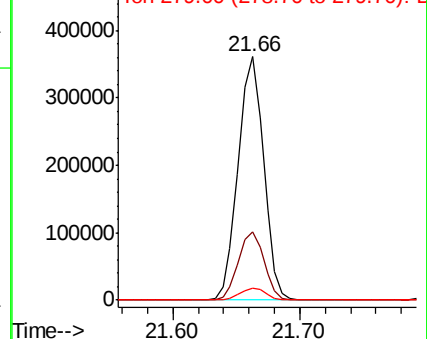


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

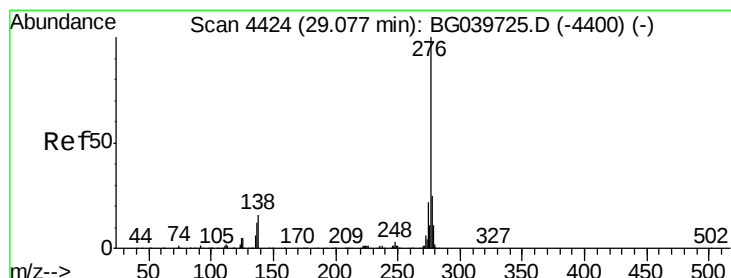
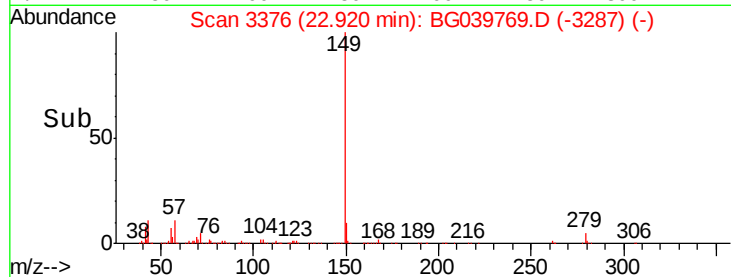
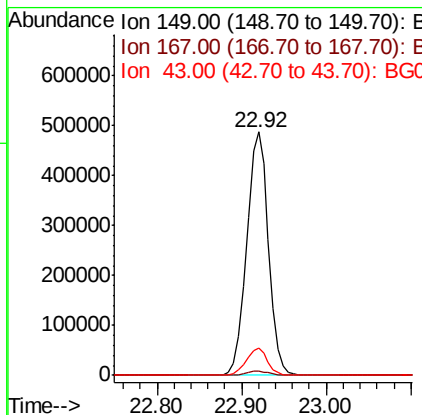
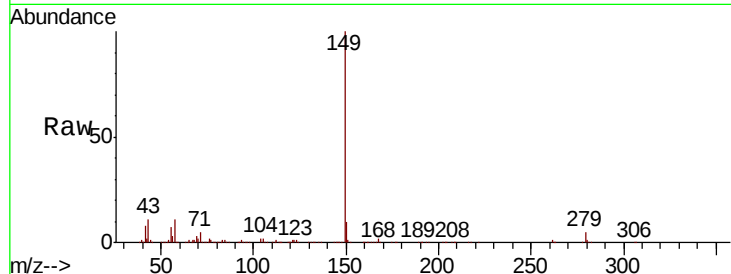




#85
Di-n-octyl phthalate
Concen: 43.573 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

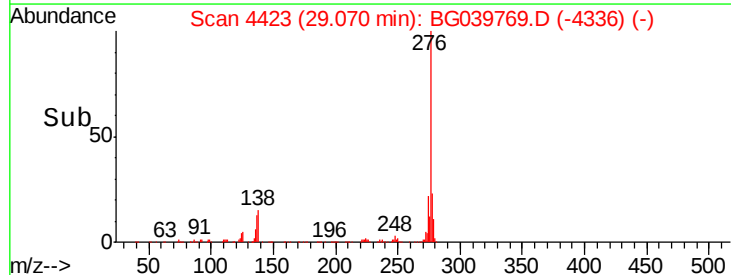
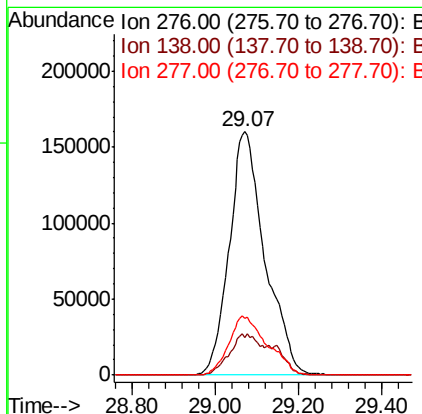
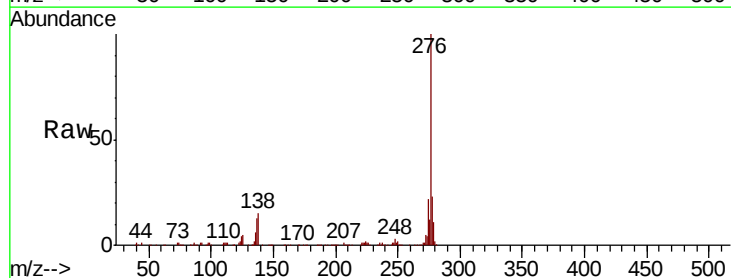
Instrument :
BNA_G
ClientSampleId :
PB117613BS

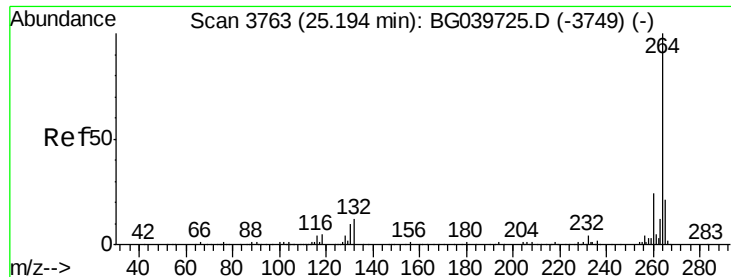
Tgt Ion:149 Resp: 866321
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.9 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.777 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:276 Resp: 954009
Ion Ratio Lower Upper
276 100
138 14.5 12.6 19.0
277 26.1 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: BG039769.D

Acq: 5 Mar 2019 18:05

Instrument :

BNA_G

ClientSampleId :

PB117613BS

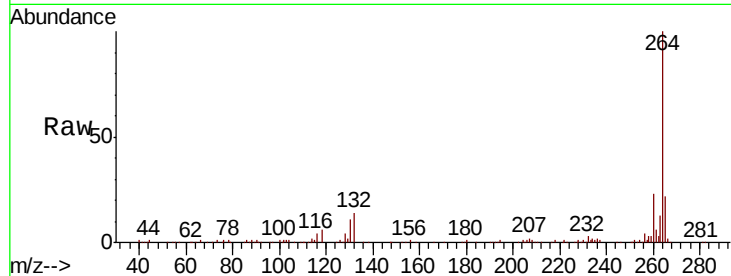
Tgt Ion:264 Resp: 341823

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

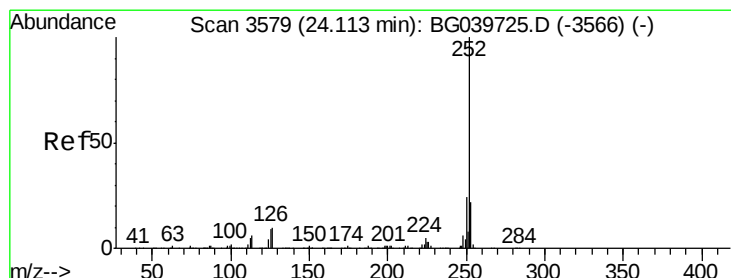
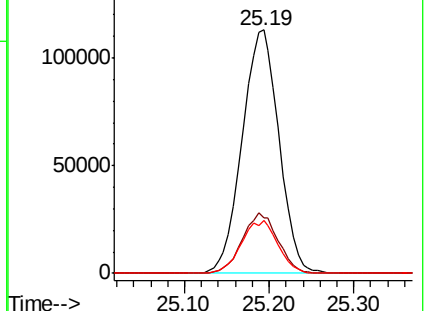
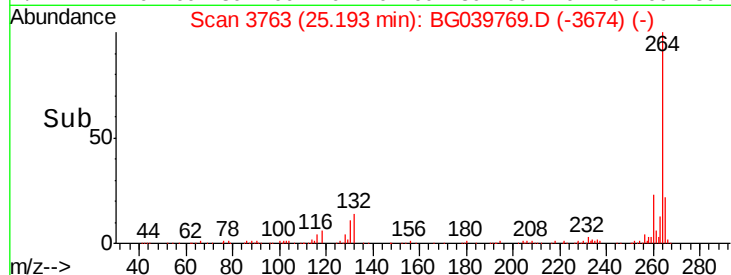
265 21.6 18.5 27.7



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: 41.363 ng

RT: 24.11 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG039769.D

Acq: 5 Mar 2019 18:05

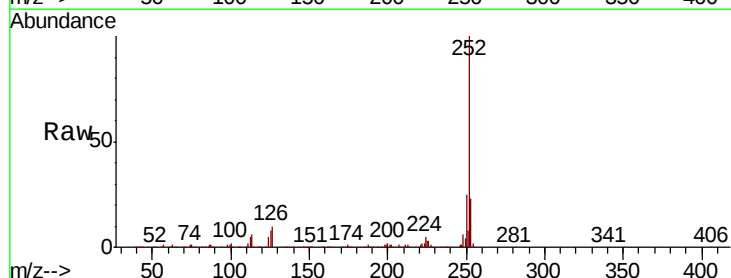
Tgt Ion:252 Resp: 843118

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

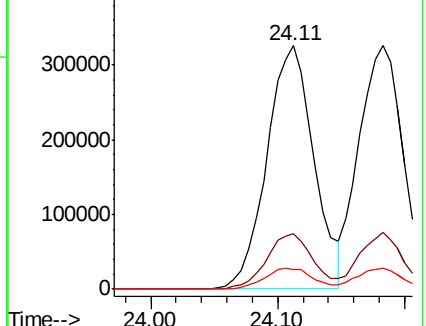
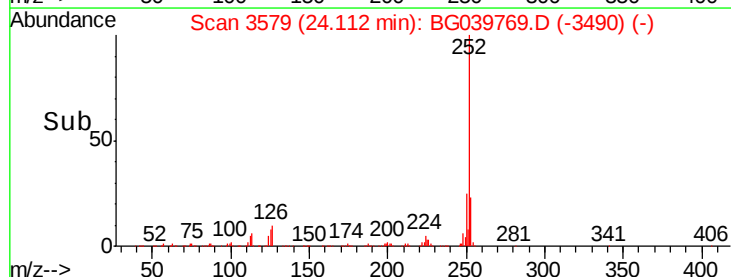
125 8.1 7.8 11.6

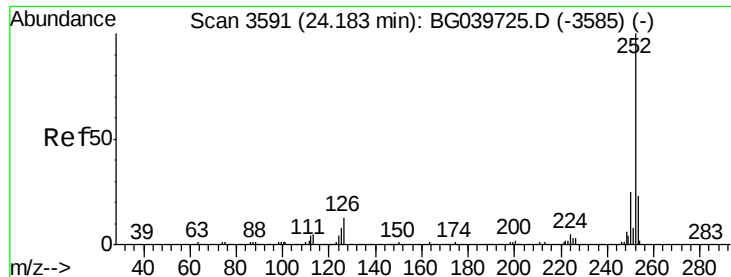


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

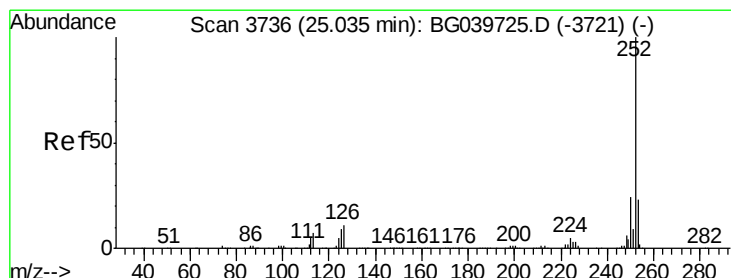
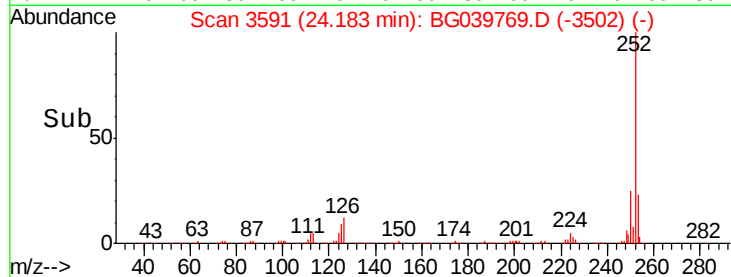
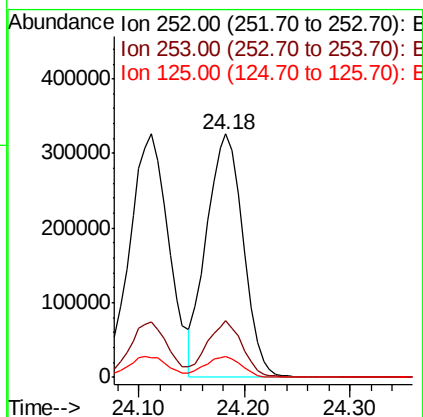
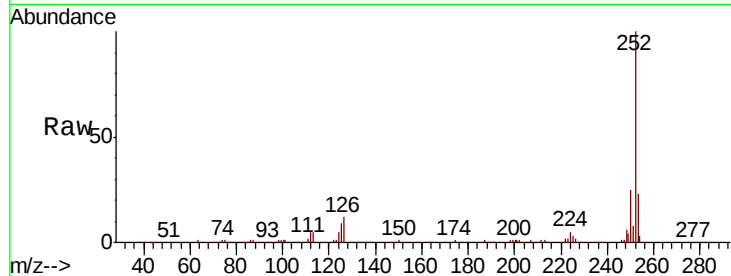




#89
Benzo(k)fluoranthene
Concen: 41.534 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

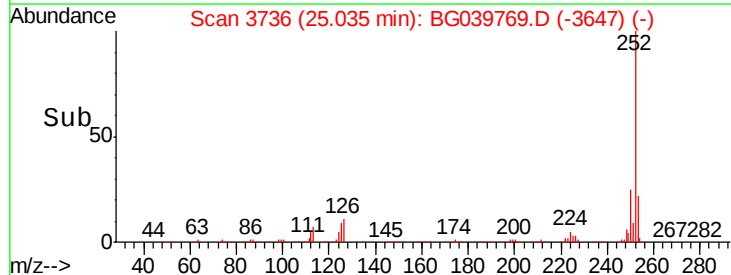
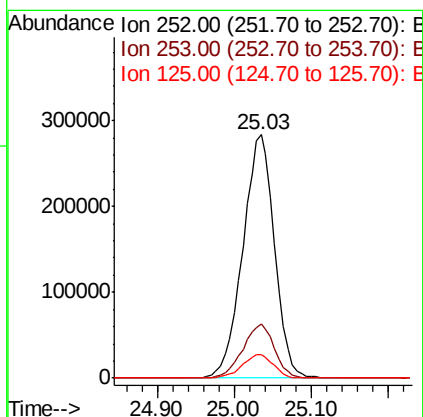
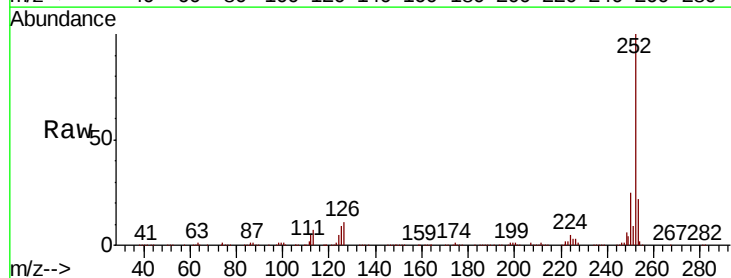
Instrument :
BNA_G
ClientSampleId :
PB117613BS

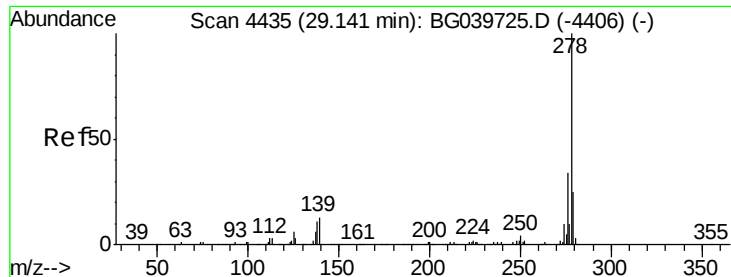
Tgt Ion:252 Resp: 788063
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 8.7 7.4 11.2



#90
Benzo(a)pyrene
Concen: 43.180 ng
RT: 25.03 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion:252 Resp: 813322
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.4 8.3 12.5

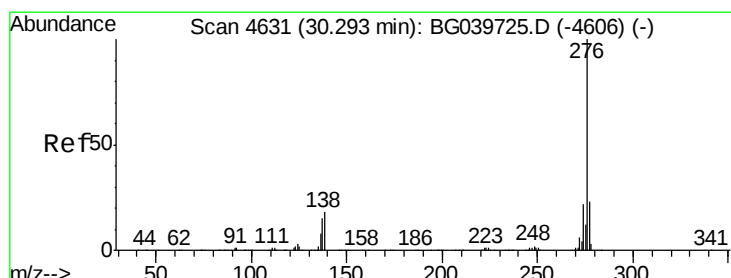
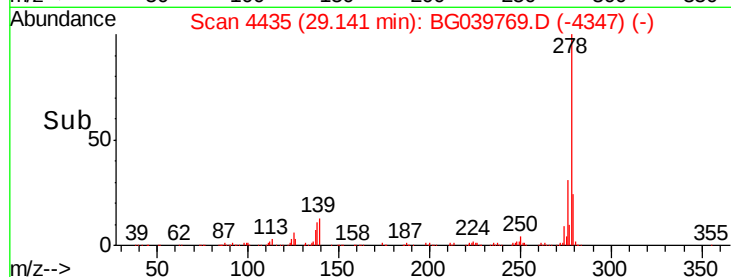
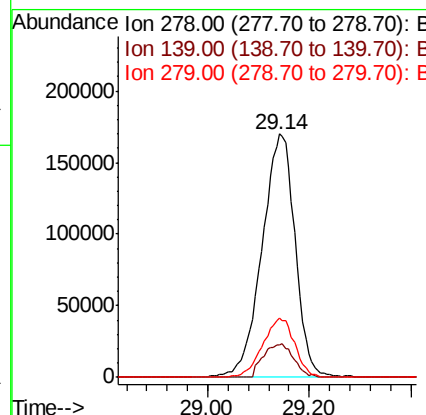
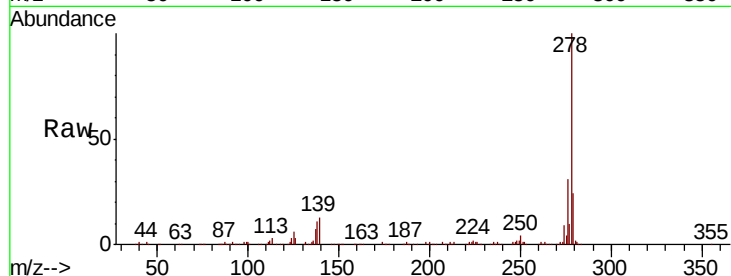




#91
Dibenzo(a,h)anthracene
Concen: 41.765 ng
RT: 29.14 min Scan# 4435
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Instrument :
BNA_G
ClientSampleId :
PB117613BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.7	17.5
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 42.491 ng
RT: 30.30 min Scan# 4633
Delta R.T. -0.01 min
Lab File: BG039769.D
Acq: 5 Mar 2019 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.6	29.4
138	16.7	14.7	22.1

