

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039765.D
 Acq On : 5 Mar 2019 15:27
 Operator : JU/SJ
 Sample : PB117619BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Quant Time: Mar 06 00:41:24 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	39997	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	178243	20.00	ng	-0.01
39) Acenaphthene-d10	14.79	164	126863	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	320617	20.00	ng	0.00
76) Chrysene-d12	21.82	240	324613	20.00	ng	-0.01
87) Perylene-d12	25.19	264	328413	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	343936	146.70	ng	0.00
7) Phenol-d6	7.30	99	487777	139.53	ng	-0.01
23) Nitrobenzene-d5	9.33	82	257726	78.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	203326	137.50	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	664232	74.55	ng	-0.01
79) Terphenyl-d14	20.12	244	1148097	77.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	40907	37.793	ng	95
3) Pyridine	3.99	79	102438	35.351	ng	95
4) n-Nitrosodimethylamine	3.91	42	55924	40.682	ng	96
6) Aniline	7.48	93	143935	31.427	ng	97
8) 2-Chlorophenol	7.72	128	123595	43.454	ng	95
9) Benzaldehyde	7.30	77	79946	35.453	ng	98
10) Phenol	7.33	94	173954	45.934	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	115787	39.215	ng	97
12) 1,3-Dichlorobenzene	8.04	146	126574	39.347	ng	99
13) 1,4-Dichlorobenzene	8.19	146	129245	39.444	ng	98
14) 1,2-Dichlorobenzene	8.51	146	126306	39.897	ng	99
15) Benzyl Alcohol	8.39	79	121099	43.671	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	229264	38.823	ng	100
17) 2-Methylphenol	8.59	107	111303	46.093	ng	98
18) Hexachloroethane	9.24	117	45801	38.956	ng	100
19) n-Nitroso-di-n-propylamine	8.96	70	98156	39.010	ng	92
20) 3+4-Methylphenols	8.92	107	156060	46.521	ng	97
22) Acetophenone	8.99	105	189140	39.536	ng	# 94
24) Nitrobenzene	9.37	77	146335	42.325	ng	96
25) Isophorone	9.89	82	284607	41.215	ng	96
26) 2-Nitrophenol	10.09	139	72229	43.269	ng	99
27) 2,4-Dimethylphenol	10.13	122	136521	52.585	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	172556	41.119	ng	97
29) 2,4-Dichlorophenol	10.61	162	139859	47.847	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	134647	40.936	ng	98
31) Naphthalene	11.03	128	391839	41.521	ng	99
32) Benzoic acid	10.26	122	74458	42.626	ng	98
33) 4-Chloroaniline	11.14	127	100132	25.022	ng	97
34) Hexachlorobutadiene	11.29	225	87346	38.861	ng	91
35) Caprolactam	11.92	113	29812	26.699	ng	95
36) 4-Chloro-3-methylphenol	12.24	107	154430	46.088	ng	97
37) 2-Methylnaphthalene	12.62	142	304124	43.104	ng	97
38) 1-Methylnaphthalene	12.84	142	290741	42.403	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	167627	39.003	ng	99

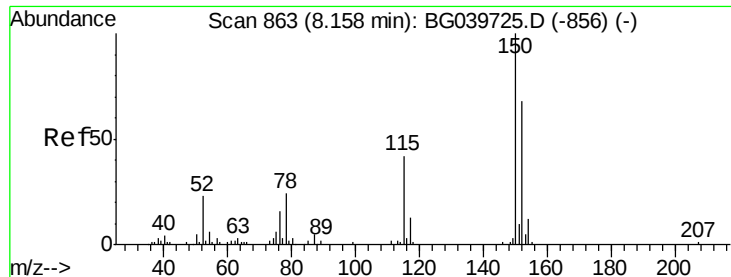
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030519\
 Data File : BG039765.D
 Acq On : 5 Mar 2019 15:27
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	224535	97.488	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	116808	46.423	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	129218	45.561	ng	99
46) 1,1'-Biphenyl	13.62	154	414984	39.771	ng	99
47) 2-Chloronaphthalene	13.67	162	322511	41.086	ng	98
48) 2-Nitroaniline	13.87	65	111699	44.279	ng	93
49) Acenaphthylene	14.51	152	519856	40.343	ng	99
50) Dimethylphthalate	14.23	163	441059	41.577	ng	100
51) 2,6-Dinitrotoluene	14.36	165	97525	43.366	ng	98
52) Acenaphthene	14.85	154	318296	41.040	ng	97
53) 3-Nitroaniline	14.70	138	63615	28.141	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	93822	67.064	ng	98
55) Dibenzofuran	15.18	168	523537	41.143	ng	99
56) 4-Nitrophenol	14.99	139	173089	85.592	ng	91
57) 2,4-Dinitrotoluene	15.14	165	140007	44.307	ng	89
58) Fluorene	15.83	166	411875	41.173	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127357	45.979	ng	98
60) Diethylphthalate	15.58	149	444294	42.308	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	217229	40.694	ng	95
62) 4-Nitroaniline	15.86	138	103610	42.277	ng	92
63) Azobenzene	16.11	77	397941	41.804	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	76776	40.500	ng	97
66) n-Nitrosodiphenylamine	16.03	169	386991	41.693	ng	97
67) 4-Bromophenyl-phenylether	16.71	248	145587	40.567	ng	96
68) Hexachlorobenzene	16.82	284	150526	40.464	ng	93
69) Atrazine	16.97	200	157053	42.993	ng	97
70) Pentachlorophenol	17.17	266	193015	82.156	ng	98
71) Phenanthrene	17.57	178	709214	40.159	ng	99
72) Anthracene	17.66	178	720336	41.857	ng	98
73) Carbazole	17.93	167	641786	41.367	ng	99
74) Di-n-butylphthalate	18.46	149	779151	42.684	ng	99
75) Fluoranthene	19.57	202	865340	41.461	ng	99
77) Benzidine	19.75	184	394455	38.293	ng	97
78) Pyrene	19.94	202	861438	40.839	ng	98
80) Butylbenzylphthalate	20.80	149	357312	43.723	ng	97
81) Benzo(a)anthracene	21.80	228	819717	40.292	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	179235	24.131	ng	99
83) Chrysene	21.87	228	784470	39.774	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	500251	43.561	ng	99
85) Di-n-octyl phthalate	22.92	149	844789	44.428	ng	96
86) Indeno(1,2,3-cd)pyrene	29.07	276	937615	41.904	ng	# 96
88) Benzo(b)fluoranthene	24.11	252	826076	42.181	ng	99
89) Benzo(k)fluoranthene	24.18	252	780117	42.794	ng	99
90) Benzo(a)pyrene	25.03	252	798861	44.144	ng	99
91) Dibenzo(a,h)anthracene	29.14	278	758939	42.778	ng	99
92) Benzo(g,h,i)perylene	30.31	276	774093	43.445	ng	98

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

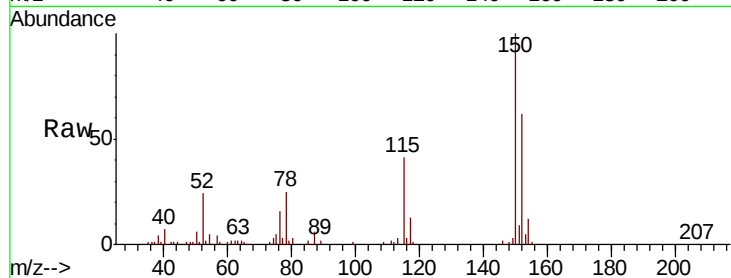


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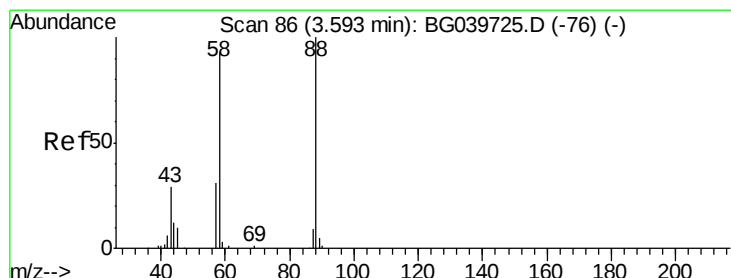
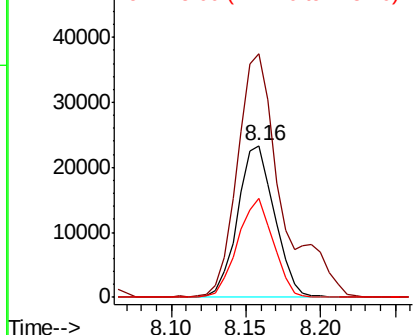
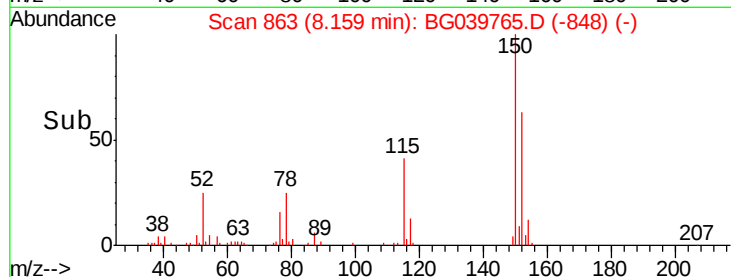
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tgt Ion:152 Resp: 39997
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 64.9 45.9 68.9



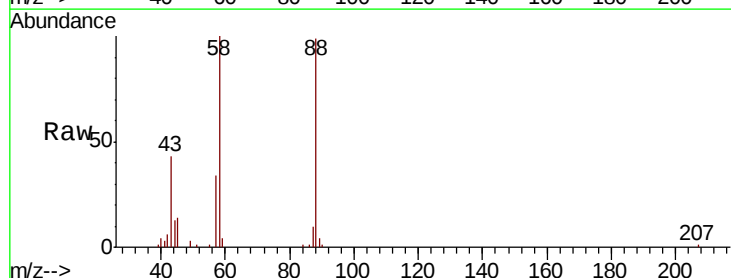
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



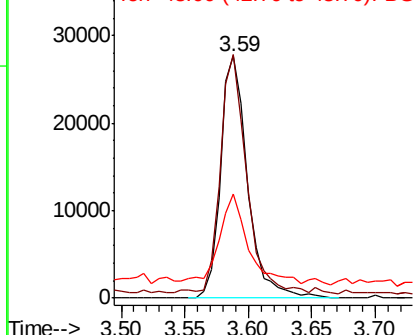
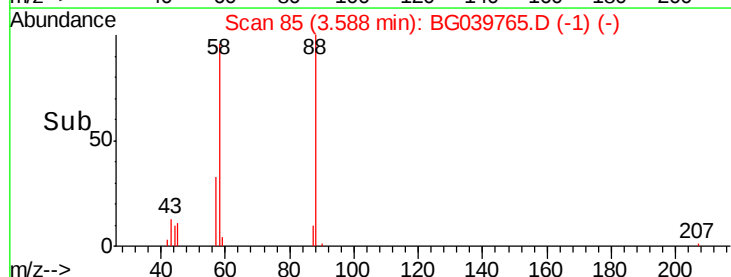
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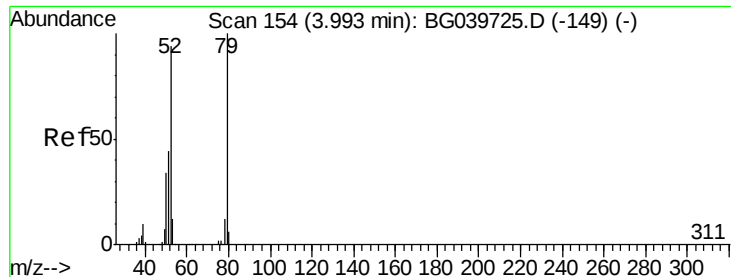
1,4-Dioxane
Concen: 37.793 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion: 88 Resp: 40907
Ion Ratio Lower Upper
88 100
58 95.1 81.1 121.7
43 39.6 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: 35.351 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

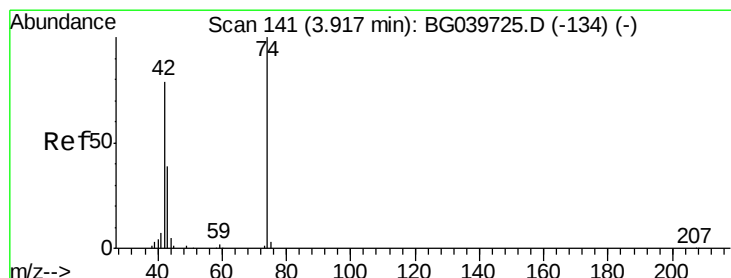
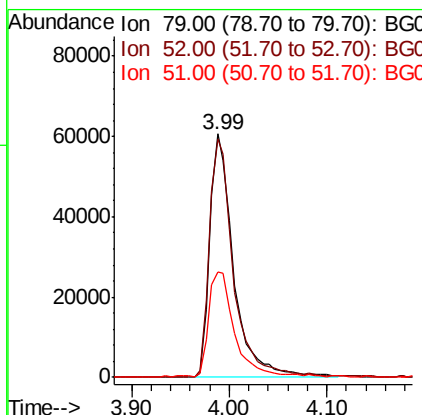
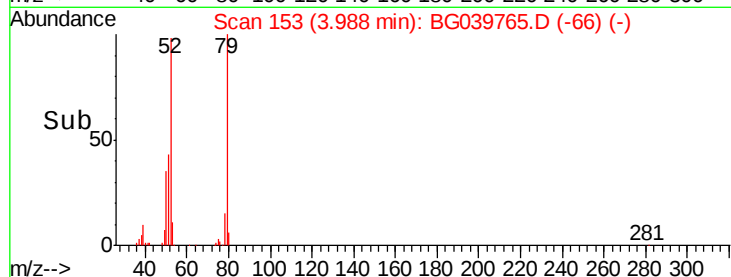
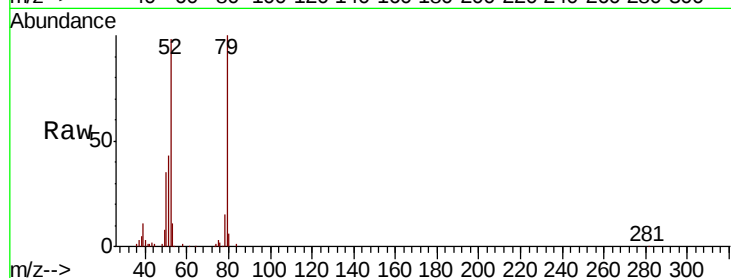
Tgt Ion: 79 Resp: 102438

Ion Ratio Lower Upper

79 100

52 97.8 82.6 124.0

51 43.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 40.682 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

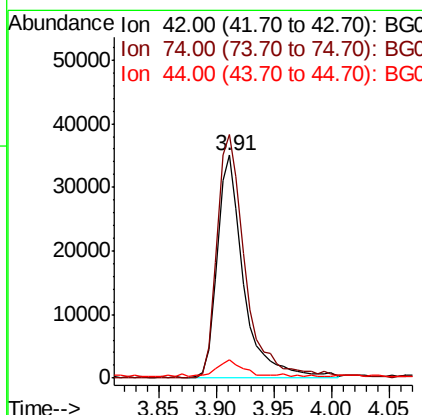
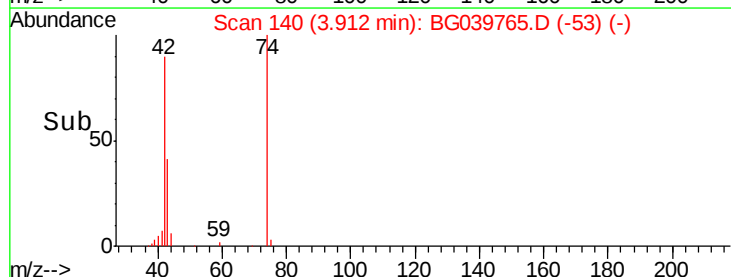
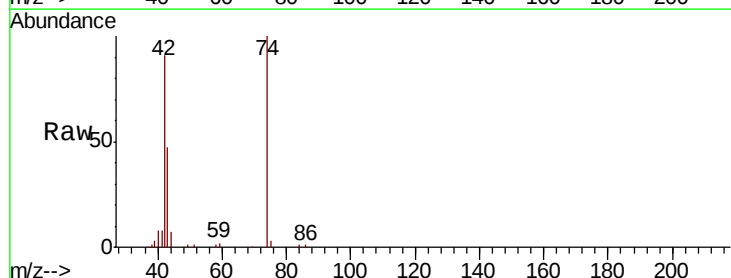
Tgt Ion: 42 Resp: 55924

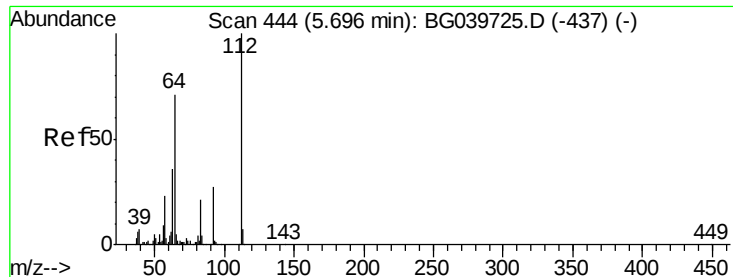
Ion Ratio Lower Upper

42 100

74 109.3 83.6 125.4

44 8.1 6.9 10.3





#5

2-Fluorophenol

Concen: 146.700 ng

RT: 5.70 min Scan# 445

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

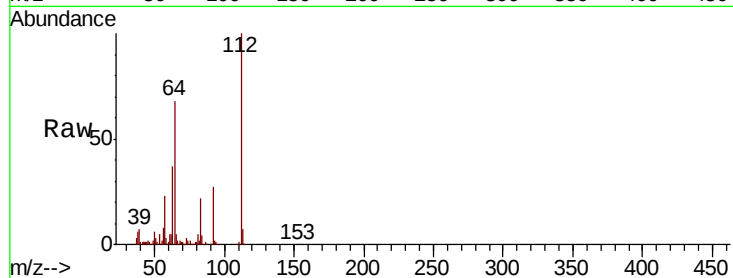
Tgt Ion: 112 Resp: 343936

Ion Ratio Lower Upper

112 100

64 68.1 57.8 86.8

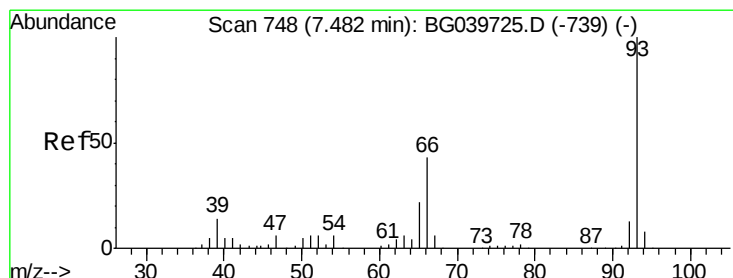
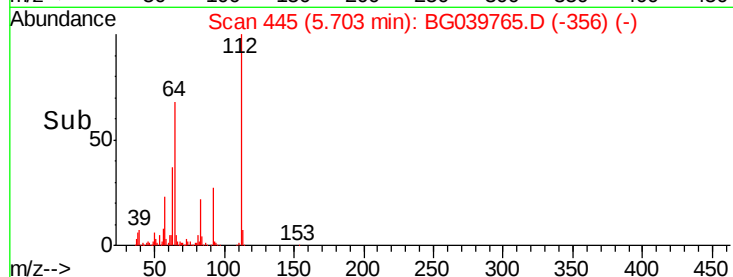
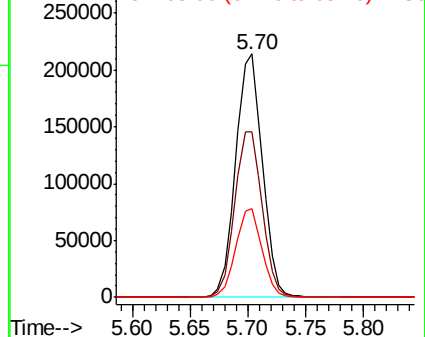
63 36.6 29.8 44.6



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: 31.427 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

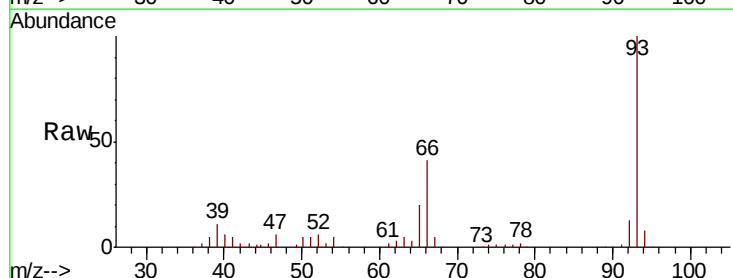
Tgt Ion: 93 Resp: 143935

Ion Ratio Lower Upper

93 100

66 40.9 34.2 51.4

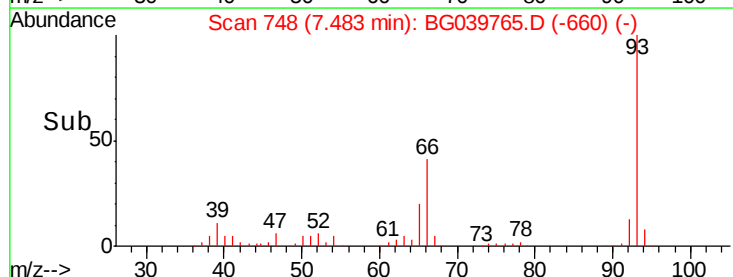
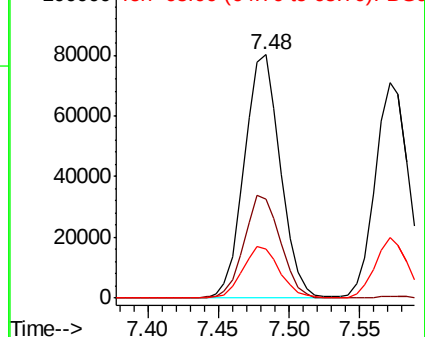
65 20.4 17.7 26.5

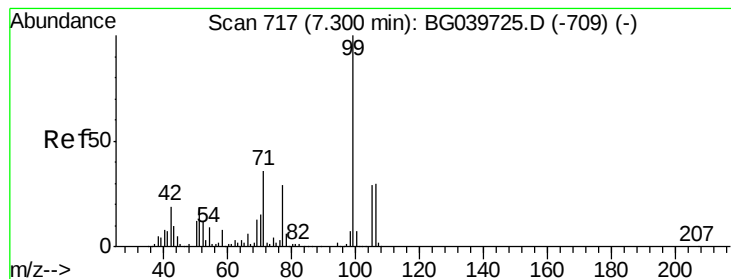


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.534 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

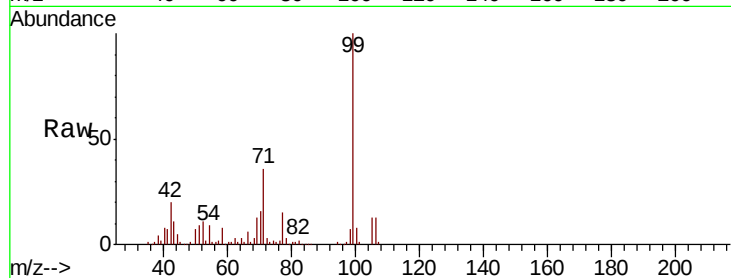
Tgt Ion: 99 Resp: 487777

Ion Ratio Lower Upper

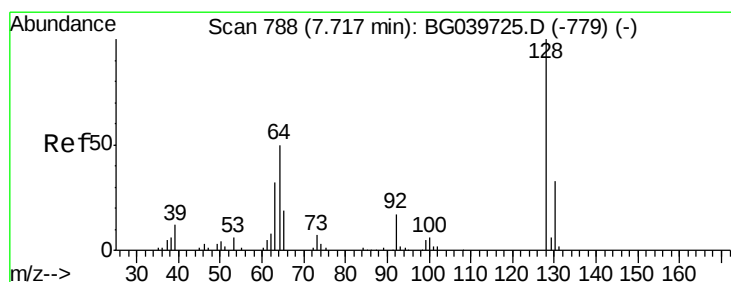
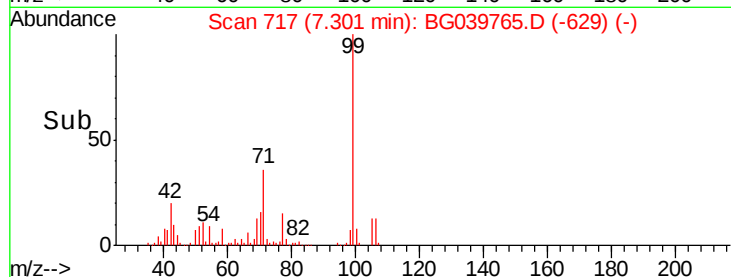
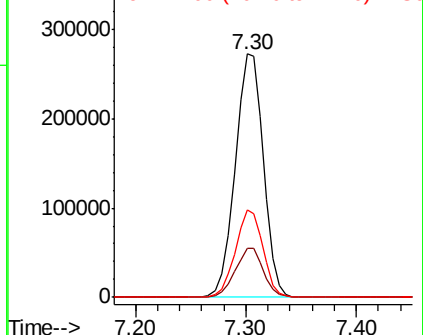
99 100

42 20.3 18.2 27.2

71 36.0 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: 43.454 ng

RT: 7.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

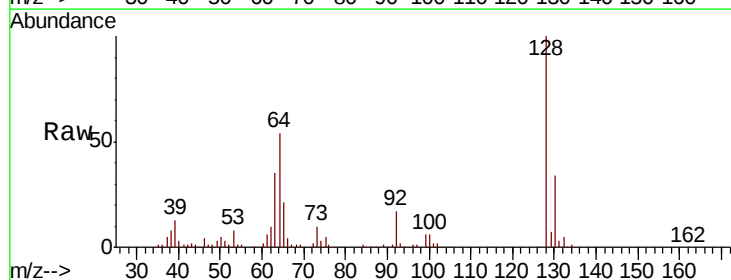
Tgt Ion: 128 Resp: 123595

Ion Ratio Lower Upper

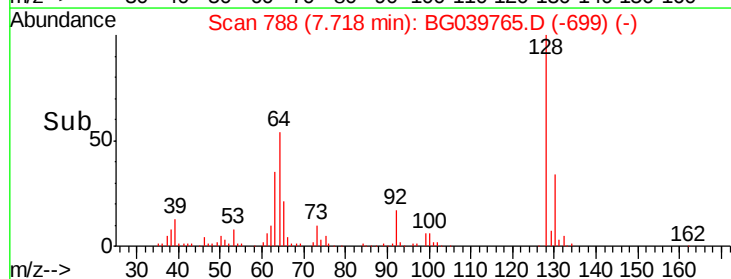
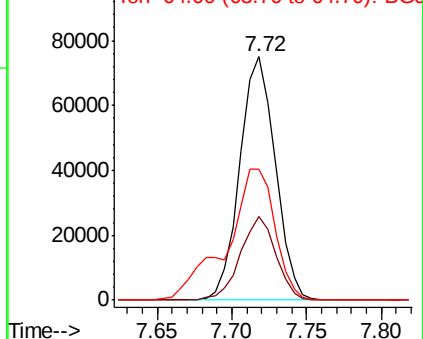
128 100

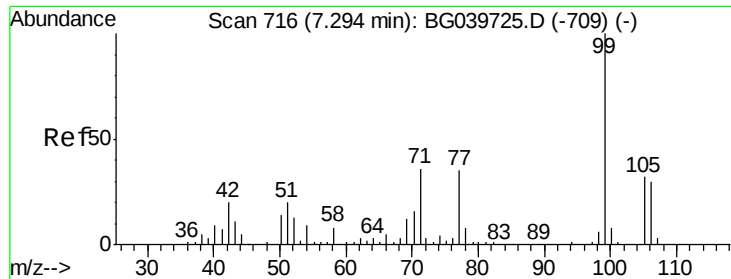
130 34.3 12.9 52.9

64 53.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 35.453 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

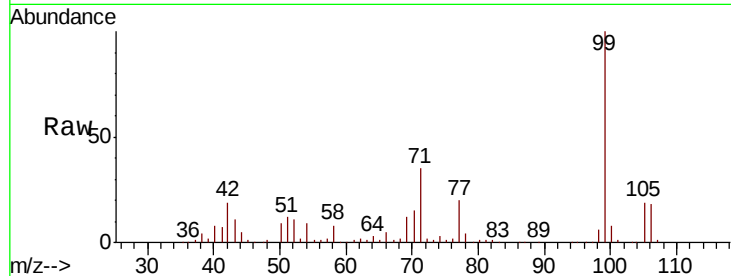
Tgt Ion: 77 Resp: 79946

Ion Ratio Lower Upper

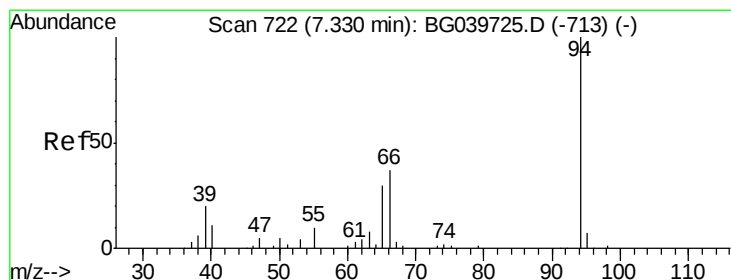
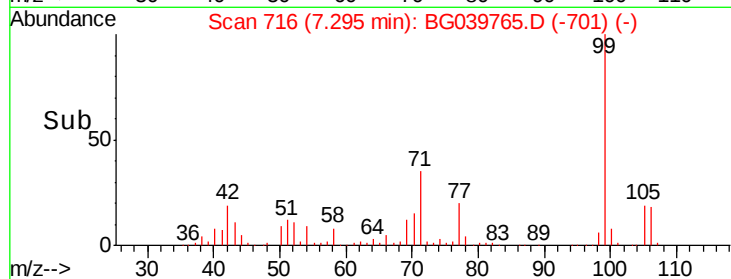
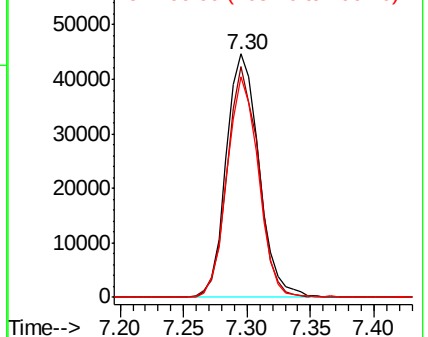
77 100

105 94.9 74.5 114.5

106 90.7 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: 45.934 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

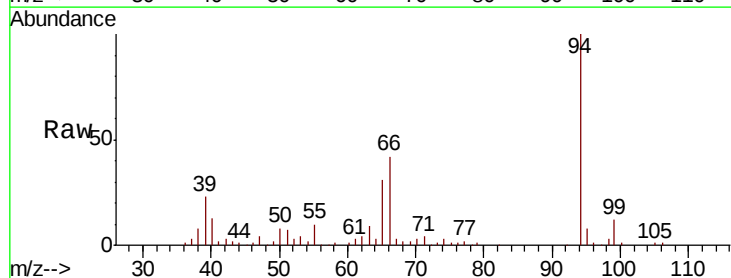
Tgt Ion: 94 Resp: 173954

Ion Ratio Lower Upper

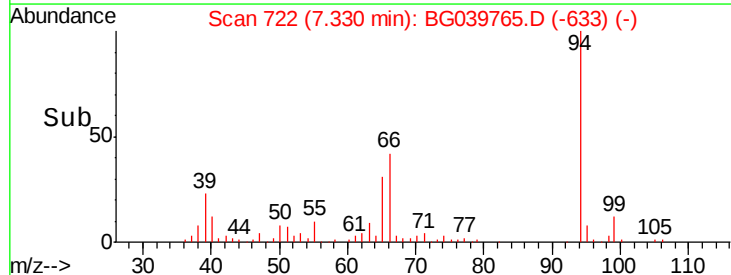
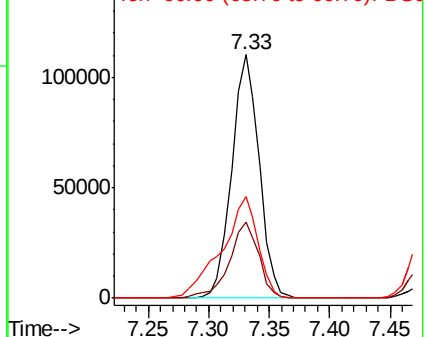
94 100

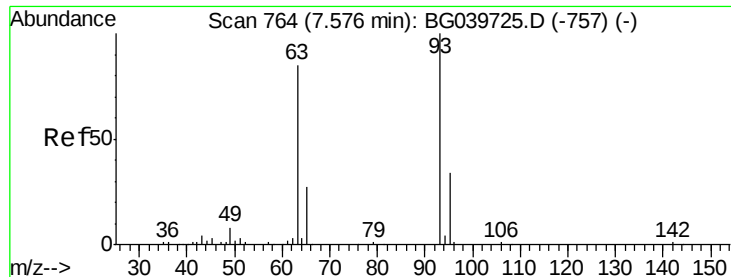
65 31.2 11.7 51.7

66 41.6 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

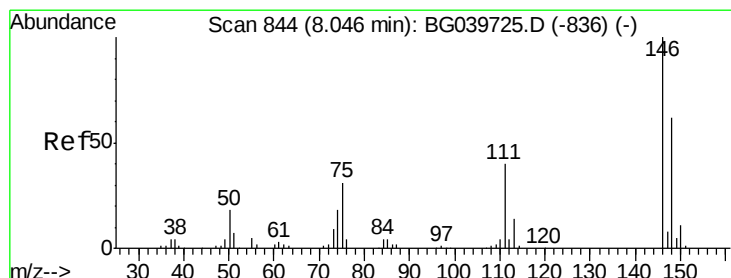
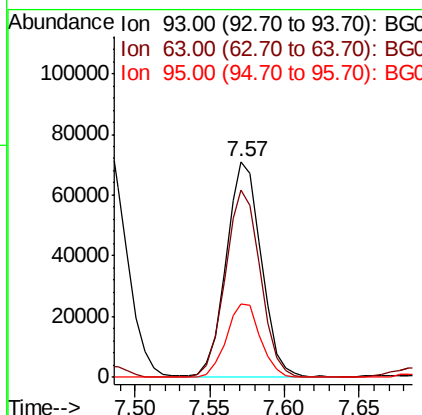
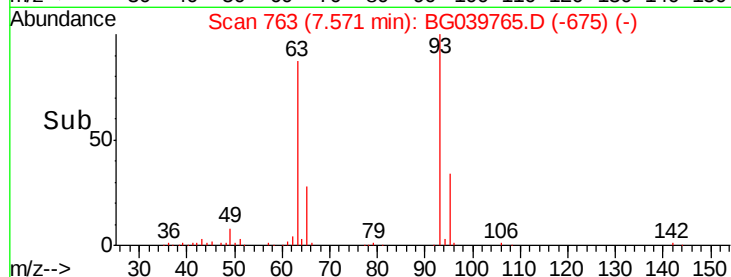
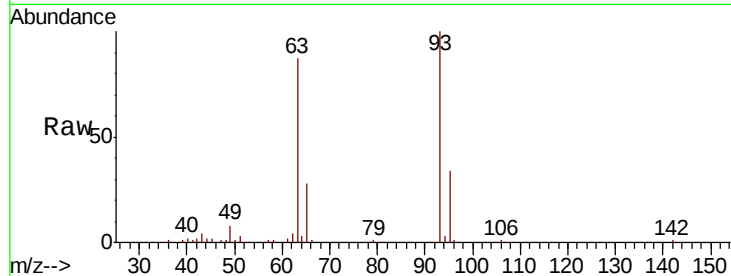




#11
bis(2-Chloroethyl)ether
Concen: 39.215 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

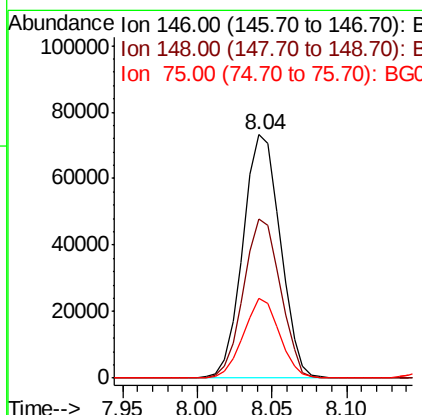
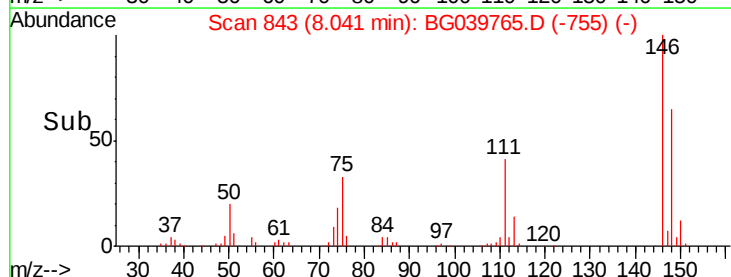
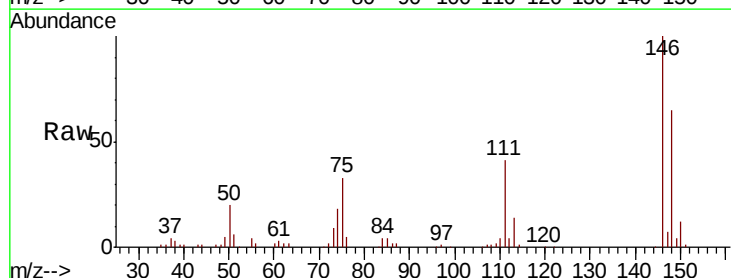
Instrument :
BNA_G
ClientSampleId :
PB117619BS

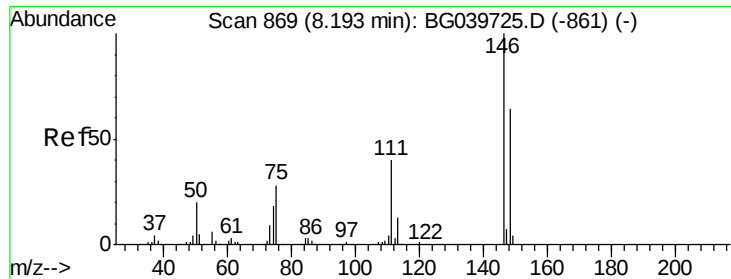
Tgt Ion: 93 Resp: 115787
Ion Ratio Lower Upper
93 100
63 87.0 69.5 109.5
95 34.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.347 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion: 146 Resp: 126574
Ion Ratio Lower Upper
146 100
148 65.1 52.6 79.0
75 32.7 25.8 38.6

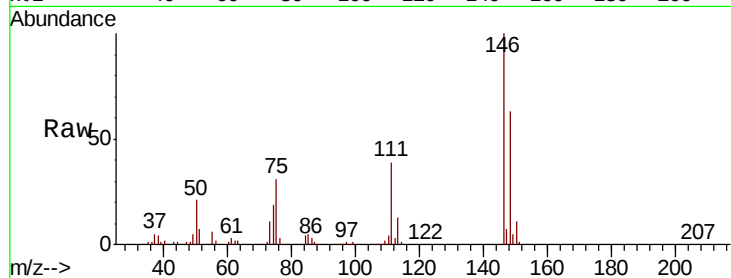




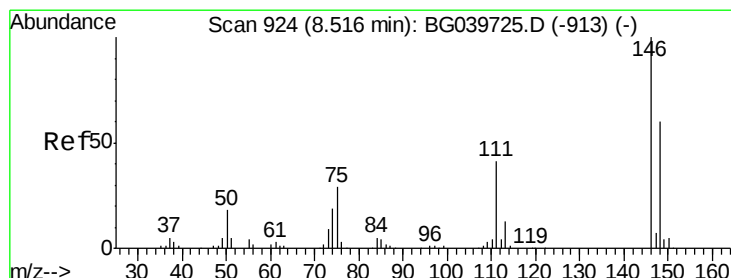
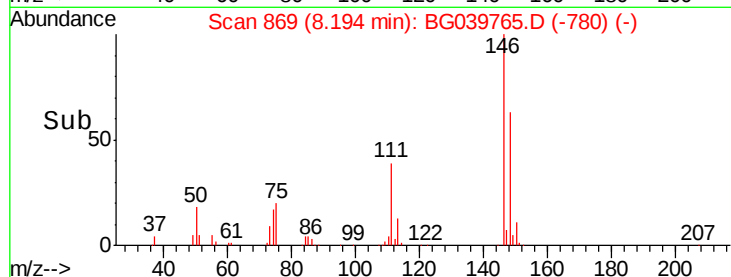
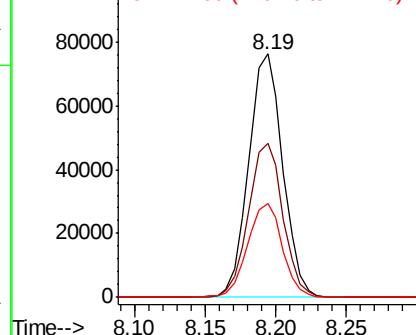
#13
 1,4-Dichlorobenzene
 Concen: 39.444 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tgt Ion:146 Resp: 129245
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.1 76.7
 111 38.7 32.6 48.8

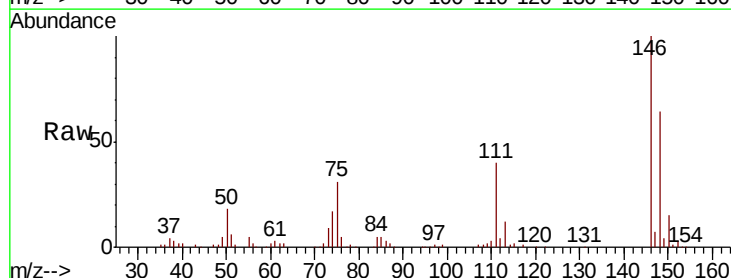


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

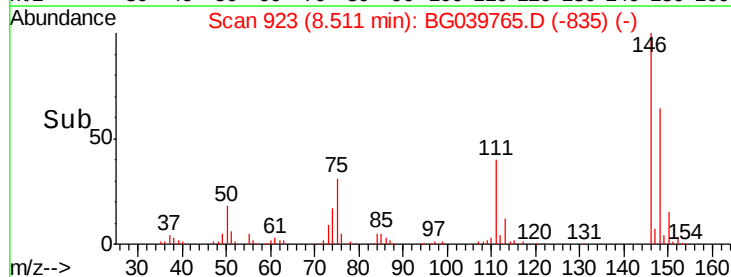
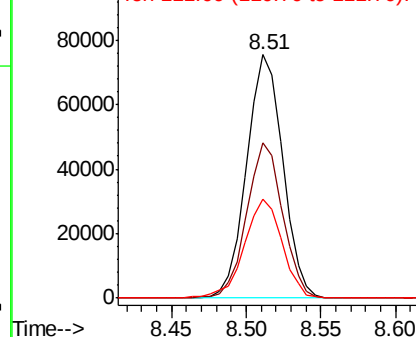


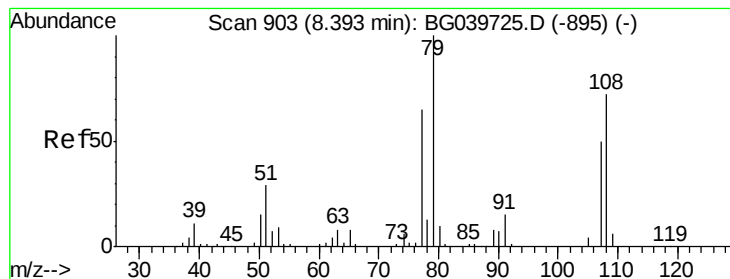
#14
 1,2-Dichlorobenzene
 Concen: 39.897 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:146 Resp: 126306
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 40.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.671 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

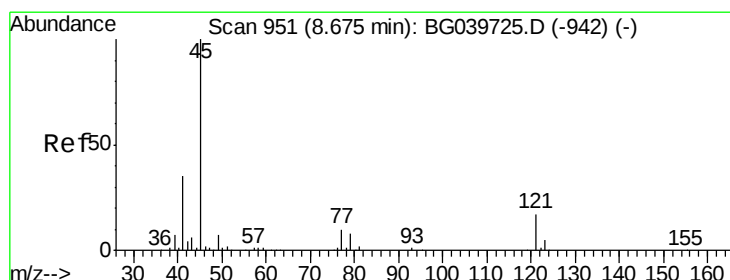
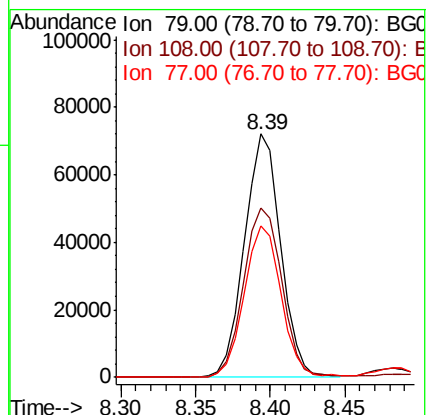
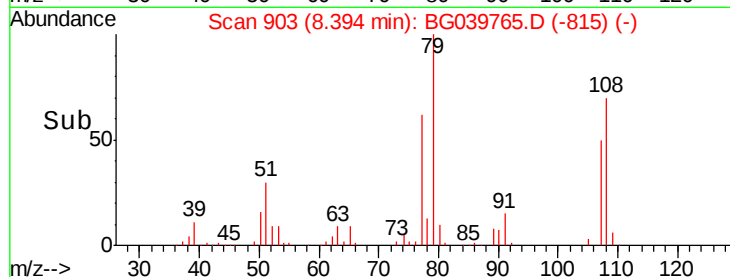
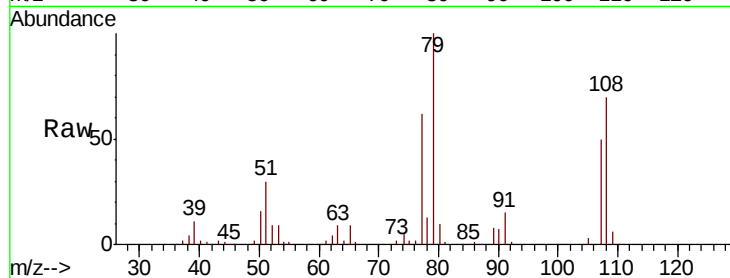
Tgt Ion: 79 Resp: 121099

Ion Ratio Lower Upper

79 100

108 69.6 57.8 86.6

77 62.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.823 ng

RT: 8.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

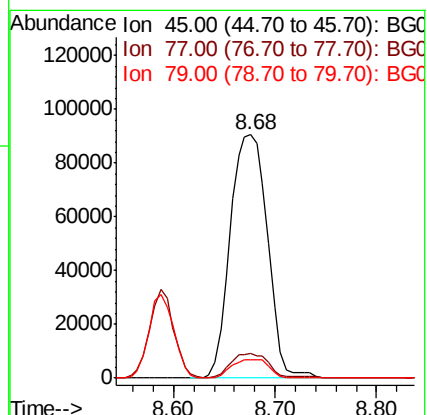
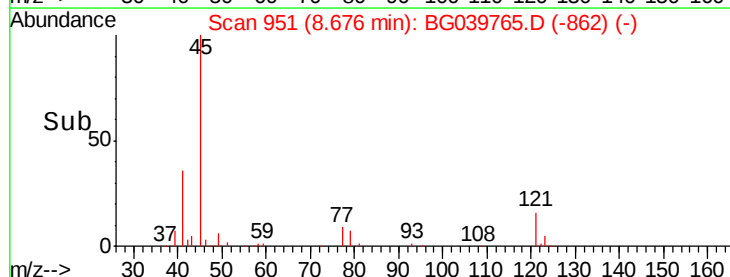
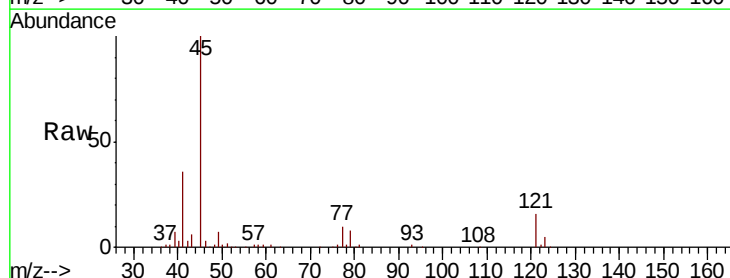
Tgt Ion: 45 Resp: 229264

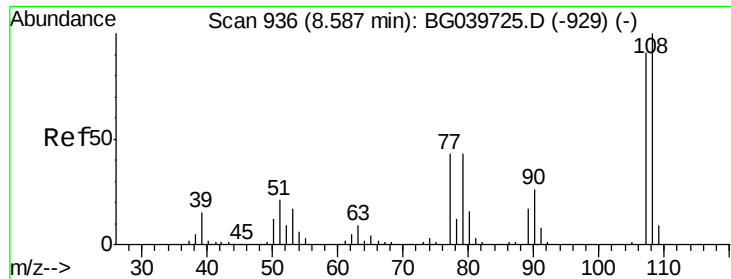
Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 7.7 0.0 27.5

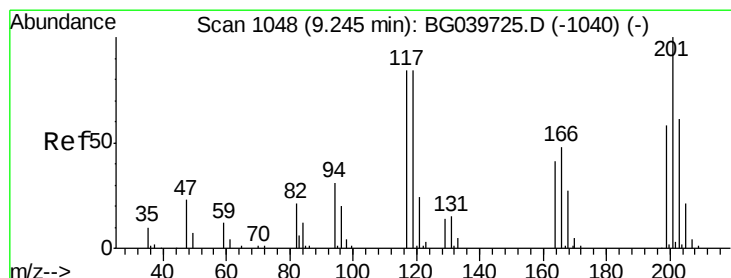
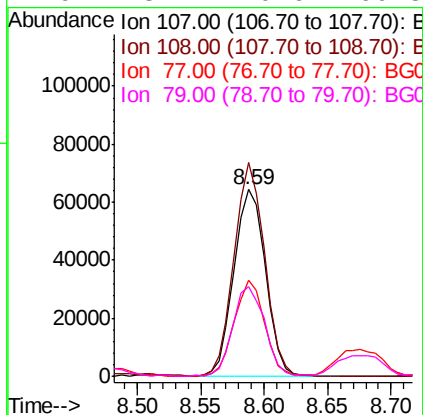
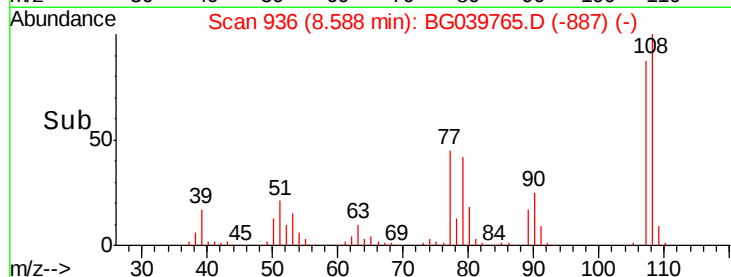
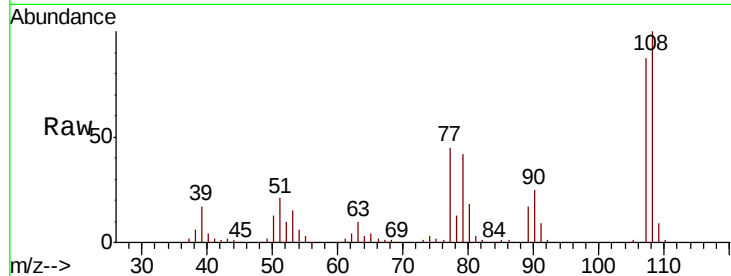




#17
2-Methylphenol
Concen: 46.093 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

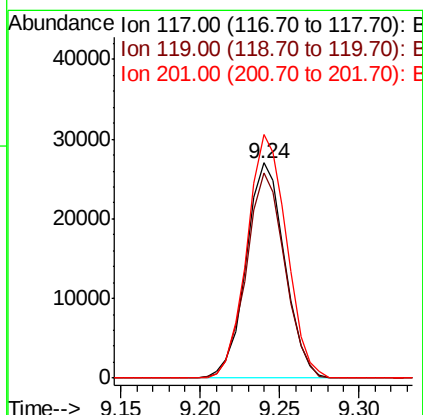
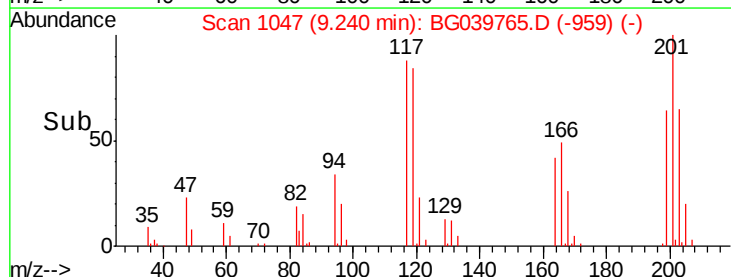
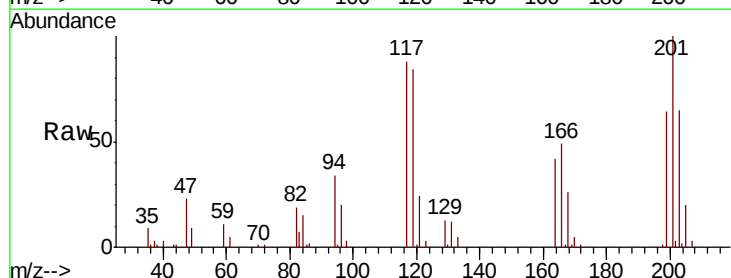
Instrument :
BNA_G
ClientSampleId :
PB117619BS

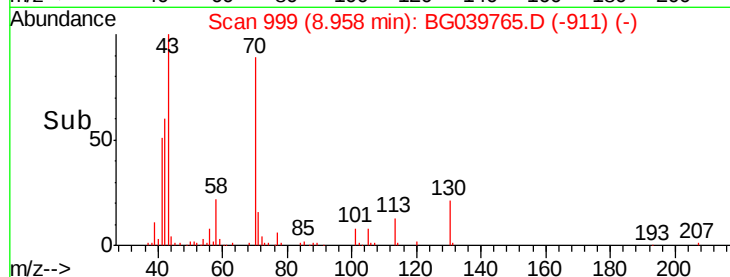
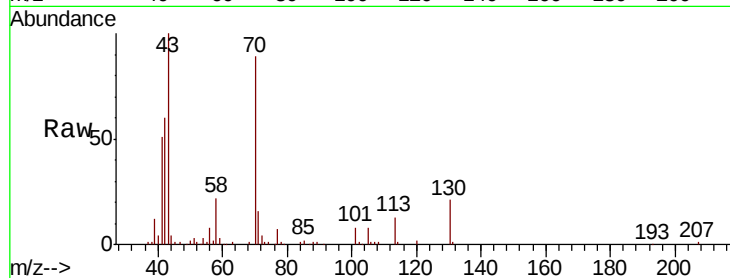
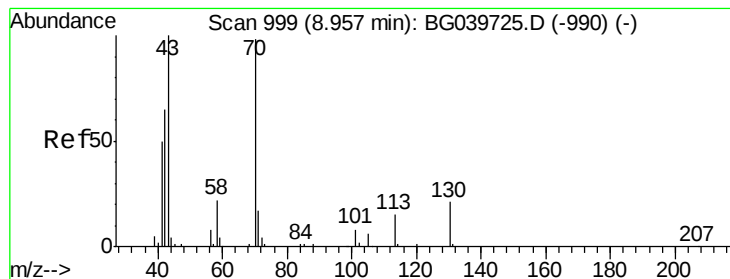
Tgt Ion:107 Resp: 111303
Ion Ratio Lower Upper
107 100
108 114.7 90.8 136.2
77 51.4 40.7 61.1
79 48.1 40.6 60.8



#18
Hexachloroethane
Concen: 38.956 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:117 Resp: 45801
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
201 113.2 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.010 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

Tgt Ion: 70 Resp: 98156

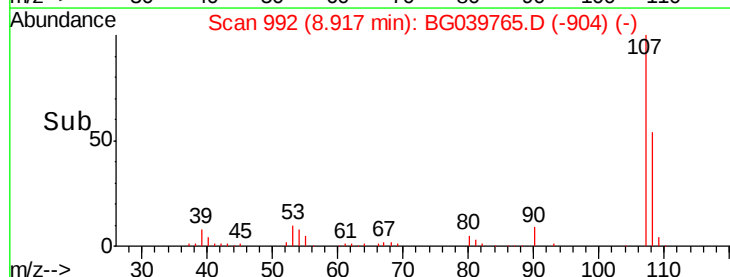
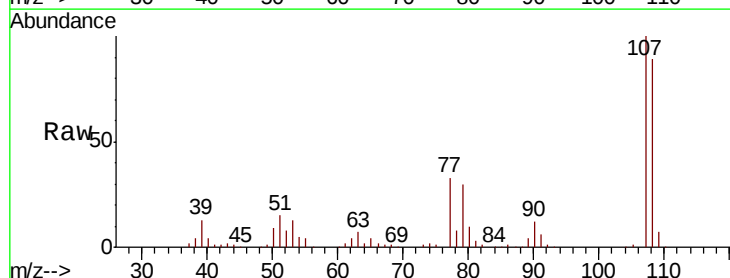
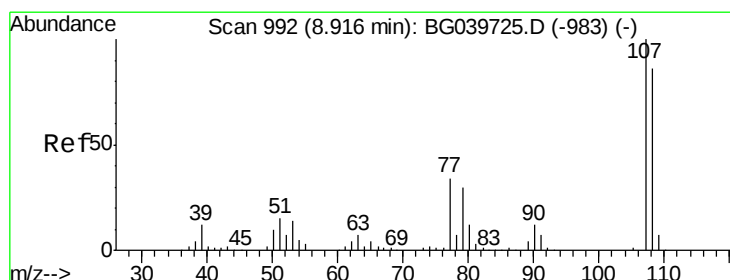
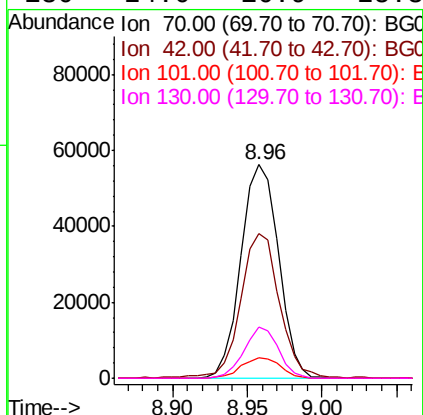
Ion Ratio Lower Upper

70 100

42 67.5 60.4 90.6

101 9.4 7.5 11.3

130 24.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 46.521 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion: 107 Resp: 156060

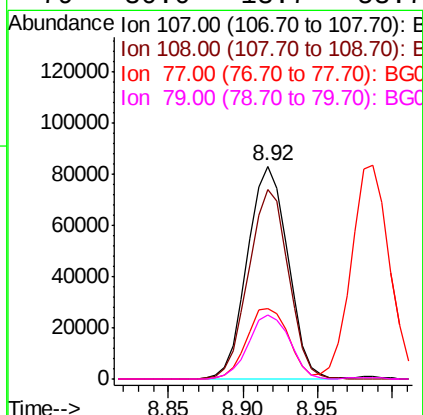
Ion Ratio Lower Upper

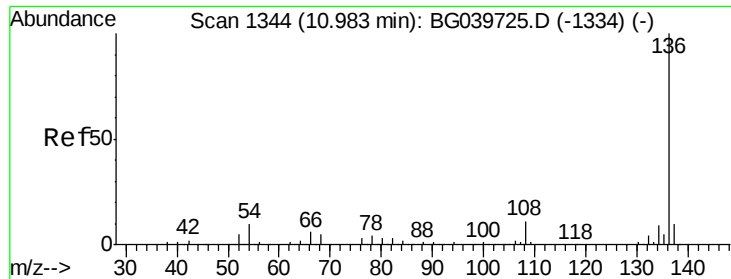
107 100

108 89.1 67.9 107.9

77 33.1 15.4 55.4

79 30.0 13.7 53.7

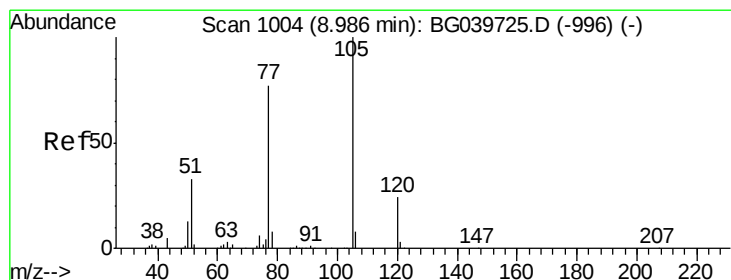
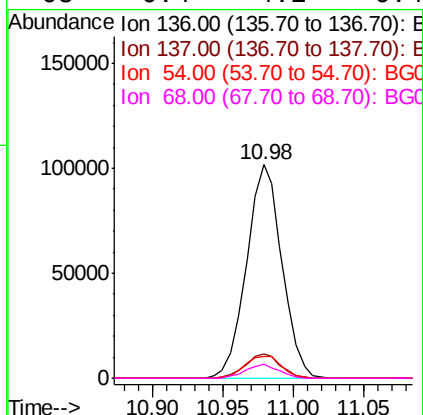
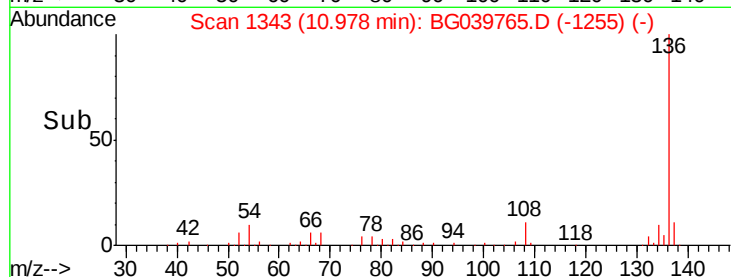
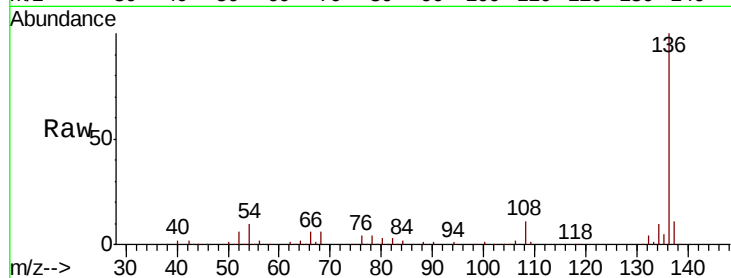




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

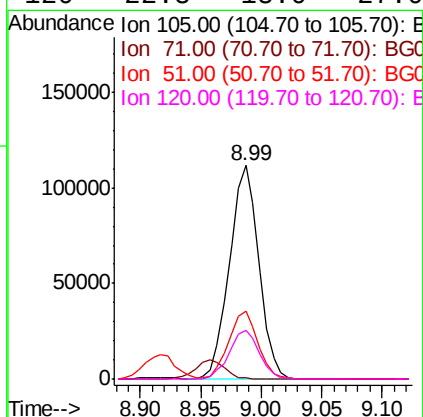
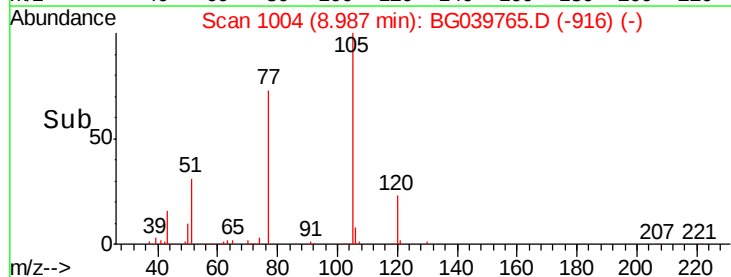
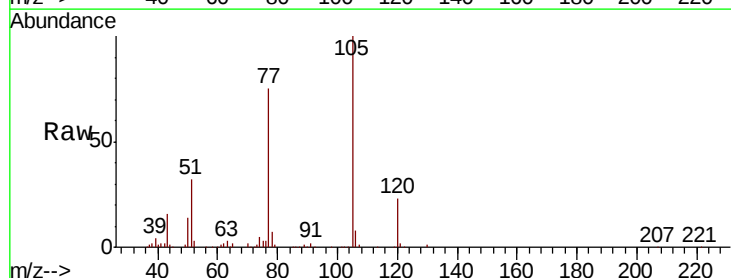
Instrument :
BNA_G
ClientSampleId :
PB117619BS

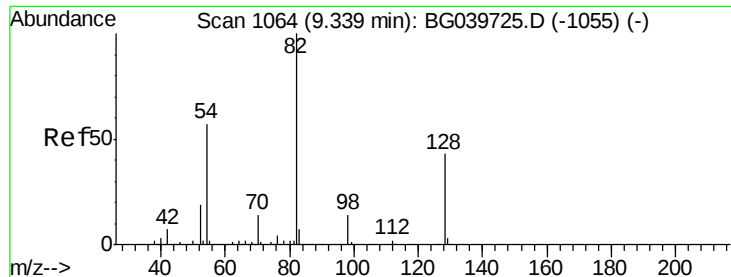
Tgt Ion:136 Resp: 178243
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.4 9.4 14.2
68 6.4 4.2 6.4#



#22
Acetophenone
Concen: 39.536 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:105 Resp: 189140
Ion Ratio Lower Upper
105 100
71 0.3 0.8 1.2#
51 31.8 30.2 45.2
120 22.8 18.0 27.0

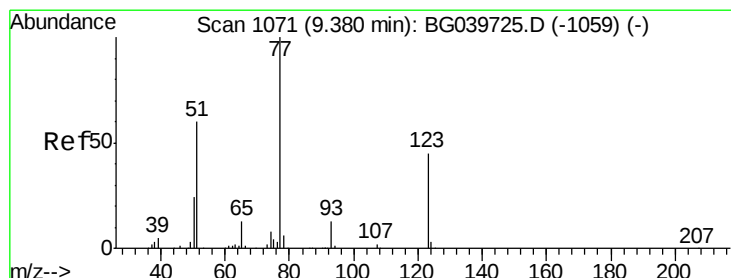
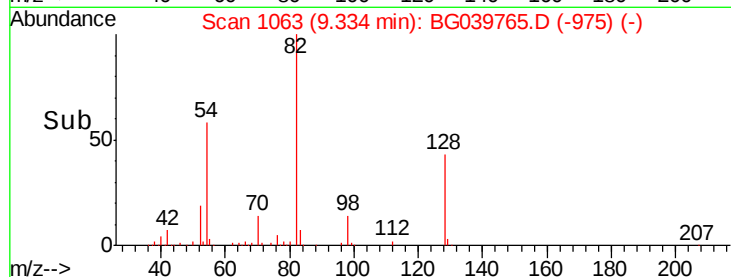
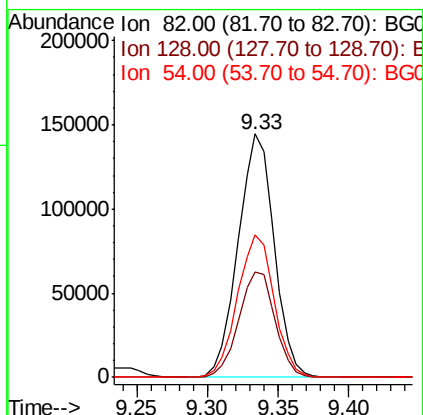
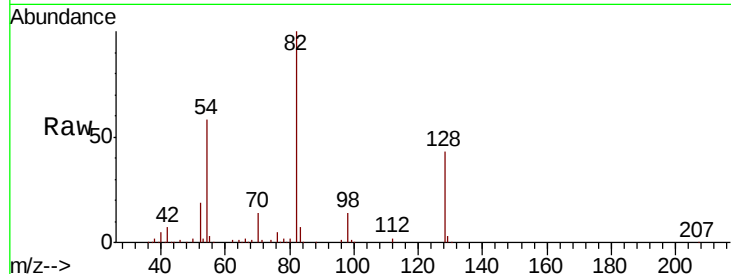




#23
 Nitrobenzene-d5
 Concen: 78.201 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

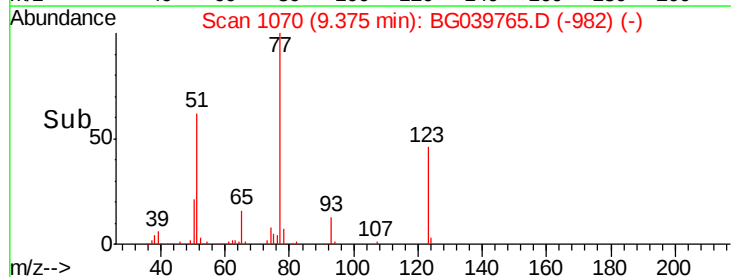
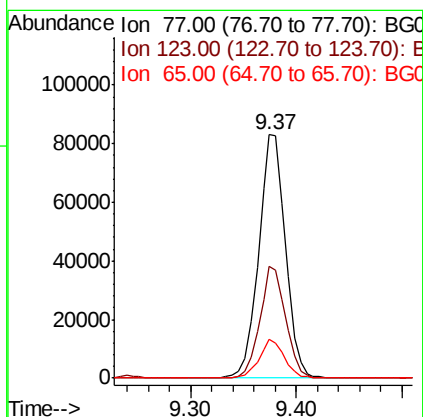
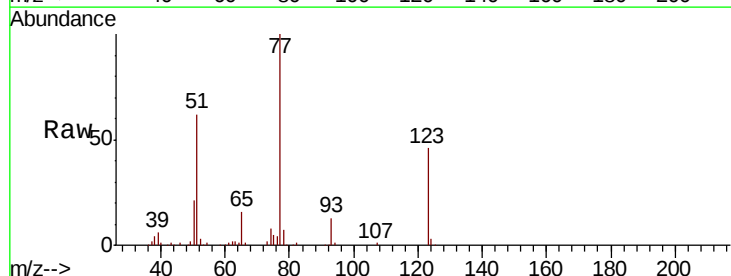
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

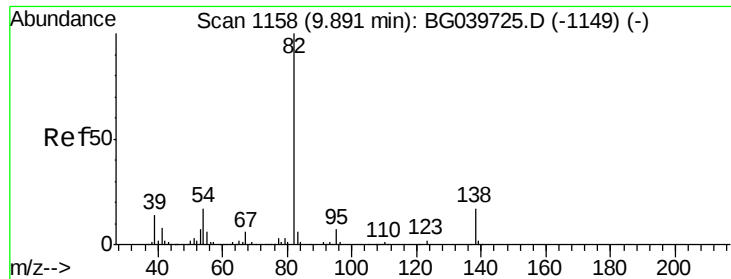
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	31.3	46.9
54	58.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 42.325 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	34.1	51.1
65	15.8	12.3	18.5

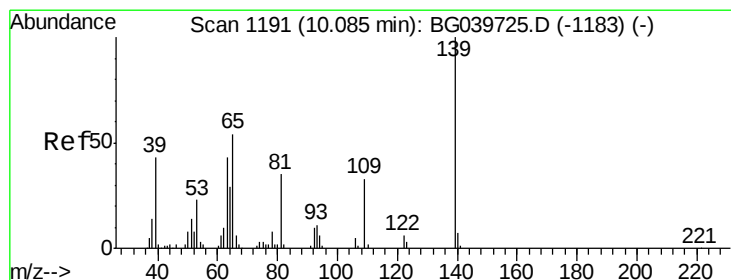
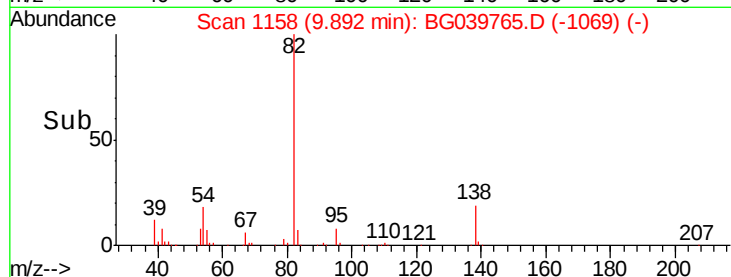
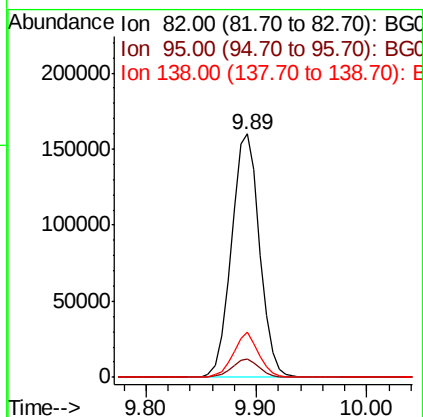
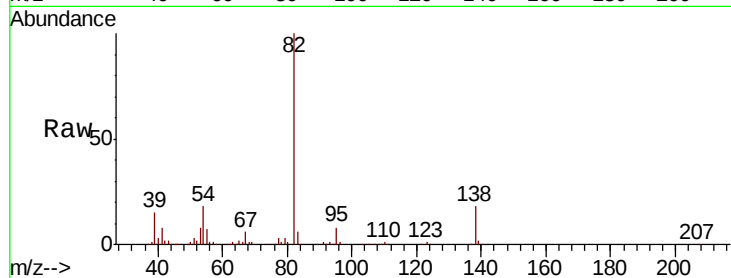




#25
Isophorone
Concen: 41.215 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

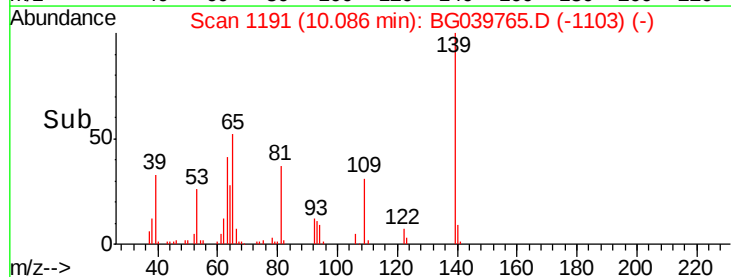
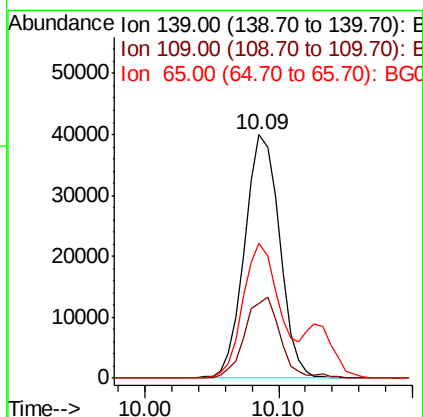
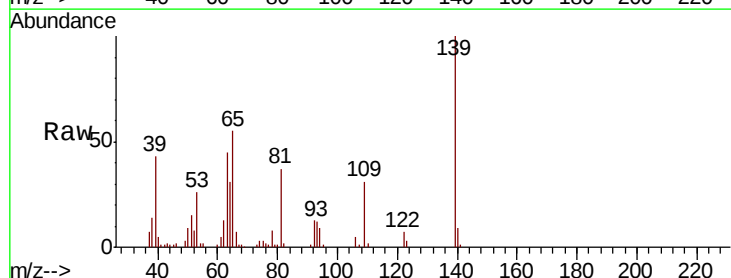
Instrument :
BNA_G
ClientSampleId :
PB117619BS

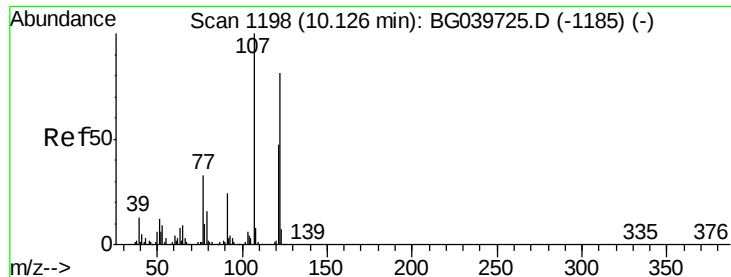
Tgt Ion: 82 Resp: 284607
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 18.4 13.0 19.4



#26
2-Nitrophenol
Concen: 43.269 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion: 139 Resp: 72229
Ion Ratio Lower Upper
139 100
109 30.9 23.4 35.0
65 55.3 44.3 66.5

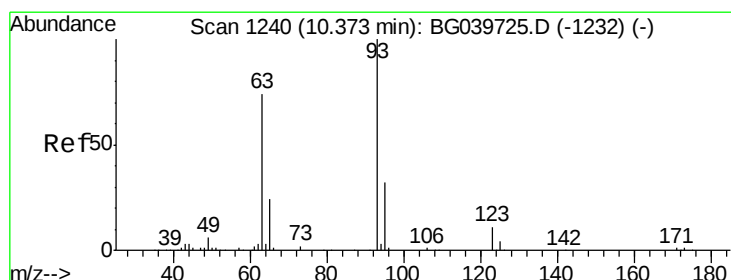
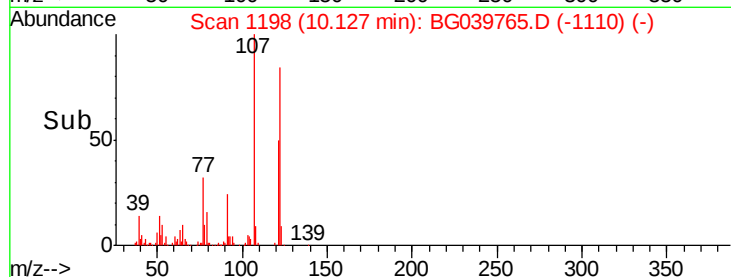
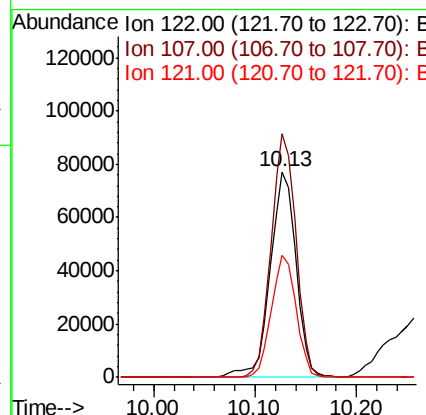
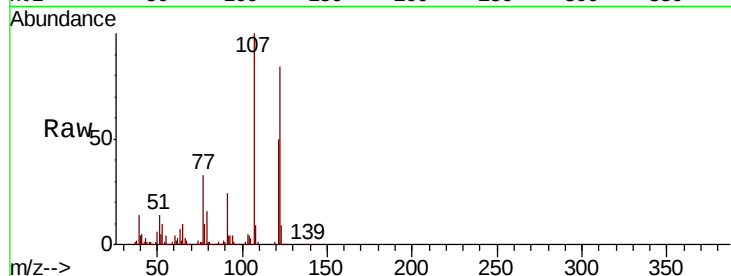




#27
2,4-Dimethylphenol
Concen: 52.585 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

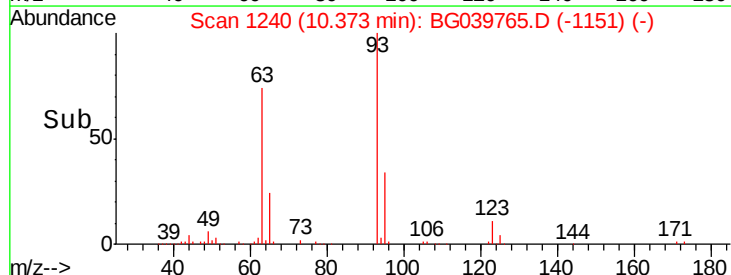
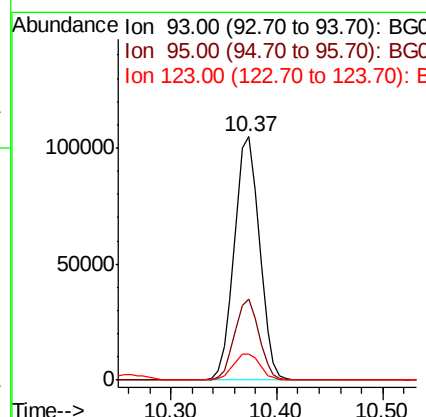
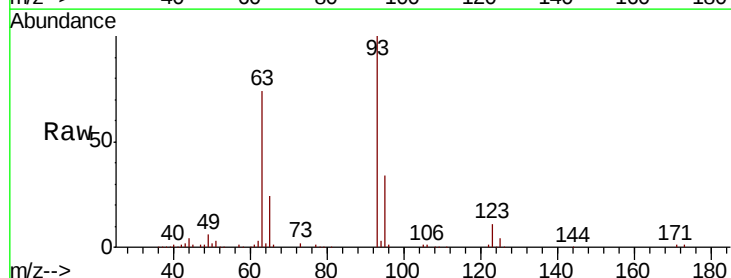
Instrument :
BNA_G
ClientSampleId :
PB117619BS

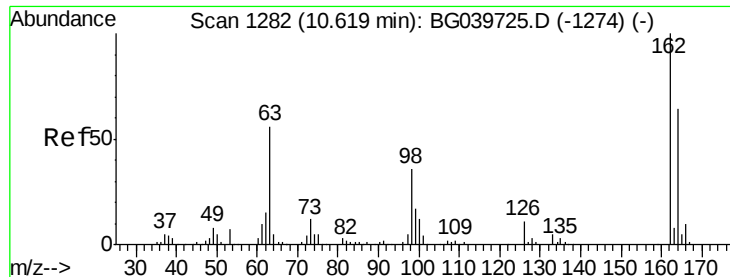
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.6	91.7	137.5
121	59.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.119 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.0	37.4
123	10.8	8.6	12.8

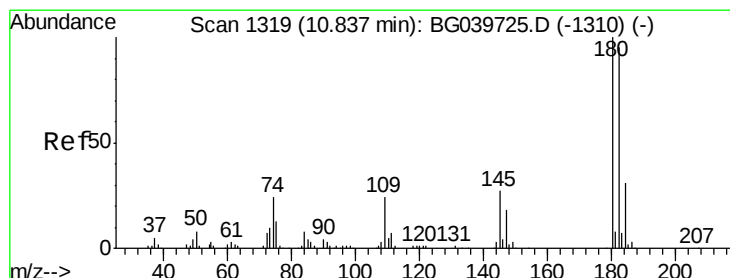
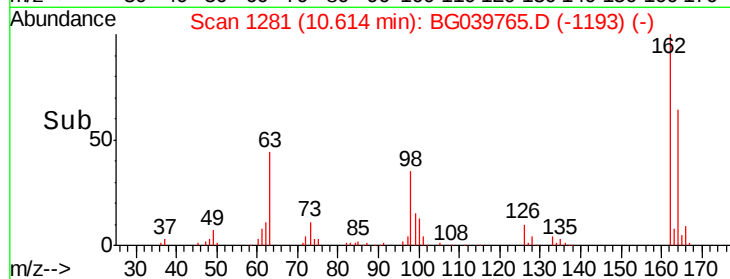
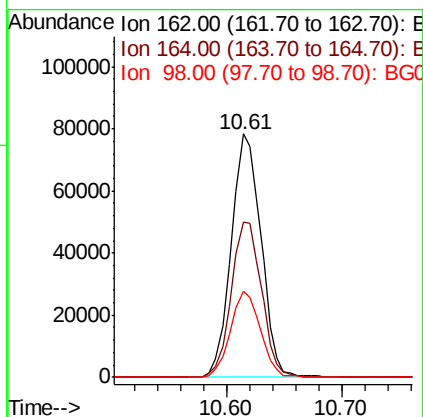
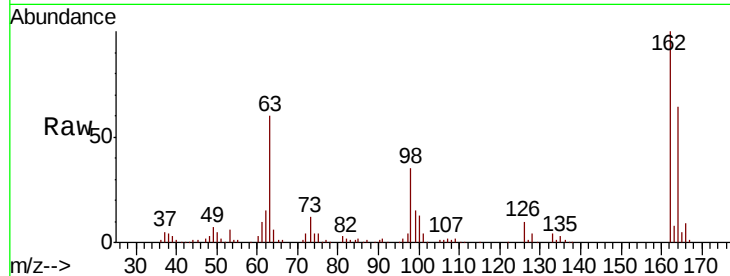




#29
 2,4-Dichlorophenol
 Concen: 47.847 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

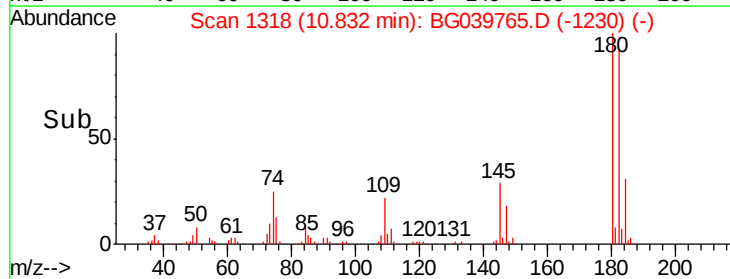
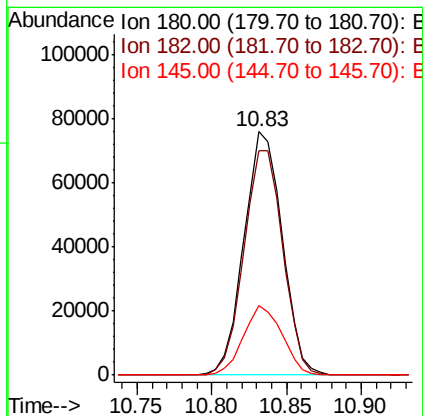
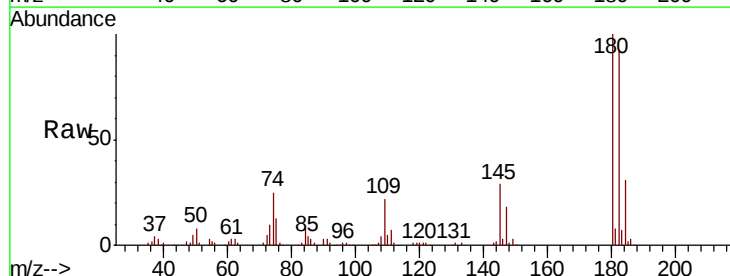
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

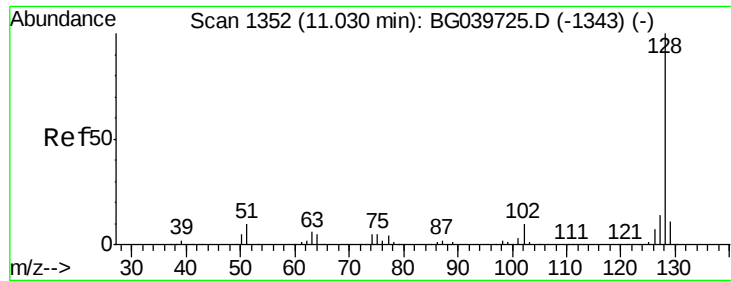
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	48.1	88.1
98	35.3	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.936 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.0	114.0
145	28.8	22.7	34.1

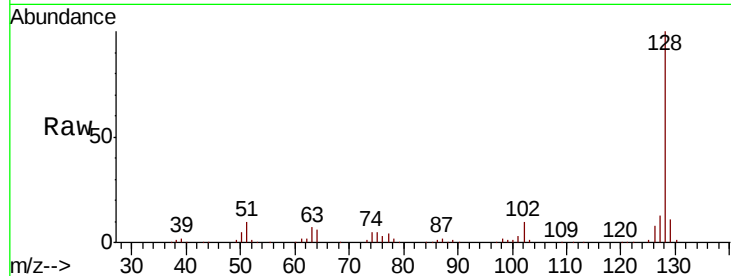




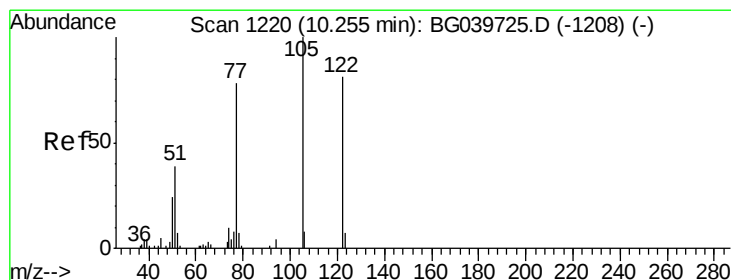
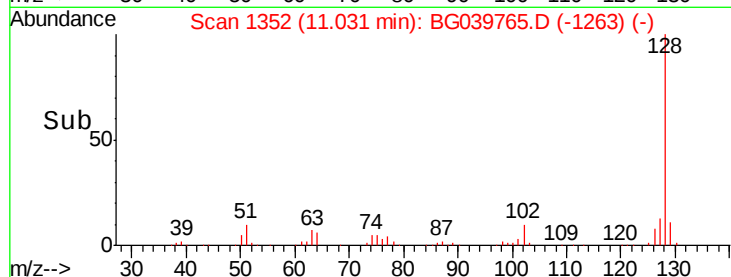
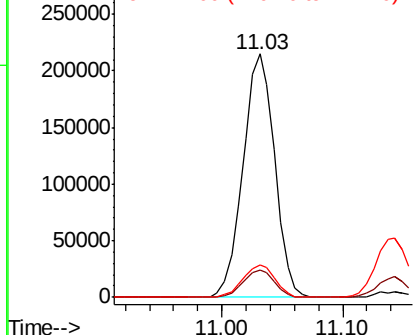
#31
Naphthalene
Concen: 41.521 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tgt Ion:128 Resp: 391839
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.8 16.2

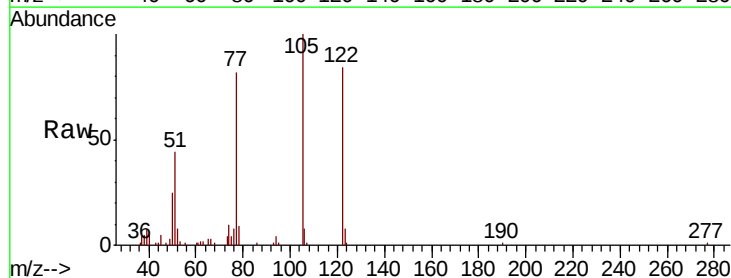


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

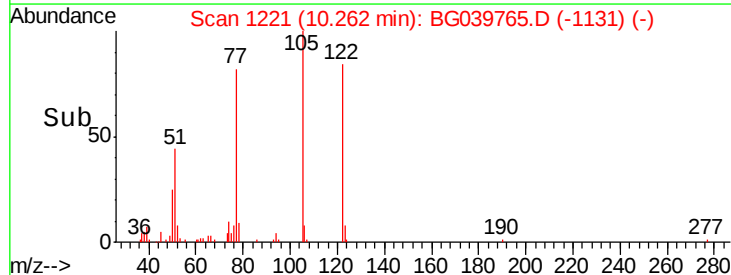
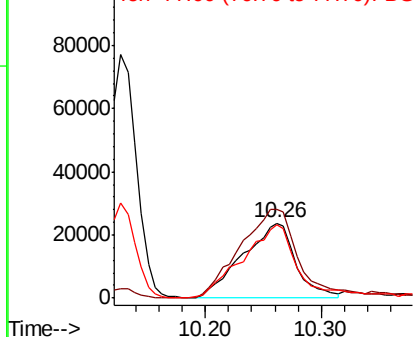


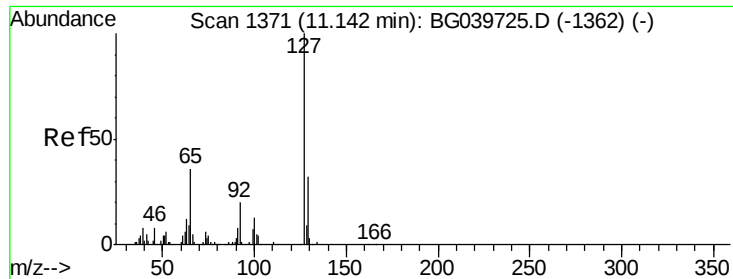
#32
Benzoic acid
Concen: 42.626 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:122 Resp: 74458
Ion Ratio Lower Upper
122 100
105 118.6 101.8 141.8
77 97.6 76.3 116.3



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

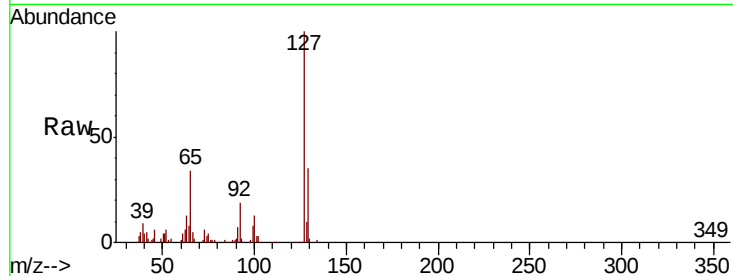




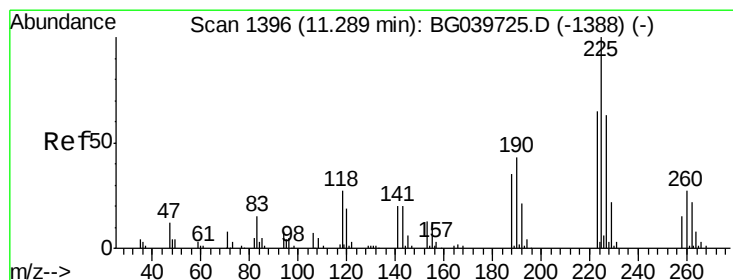
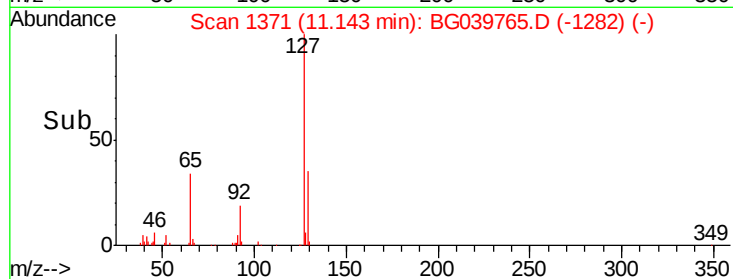
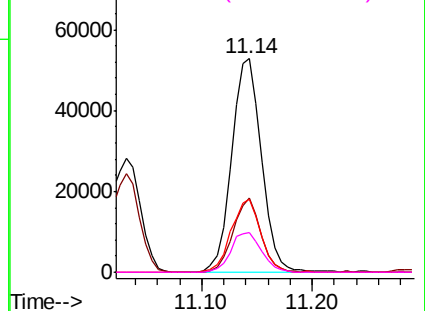
#33
4-Chloroaniline
Concen: 25.022 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tgt Ion:	127	Resp:	100132
Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.0	40.4
65	34.4	28.8	43.2
92	18.9	16.6	25.0

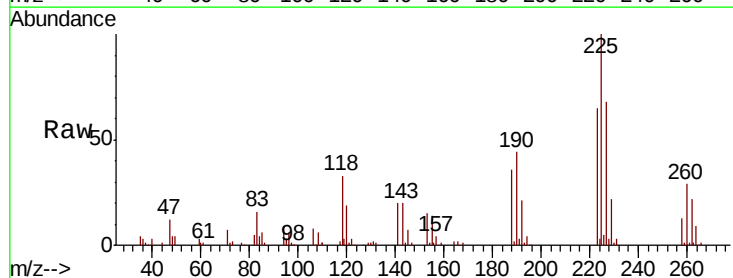


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

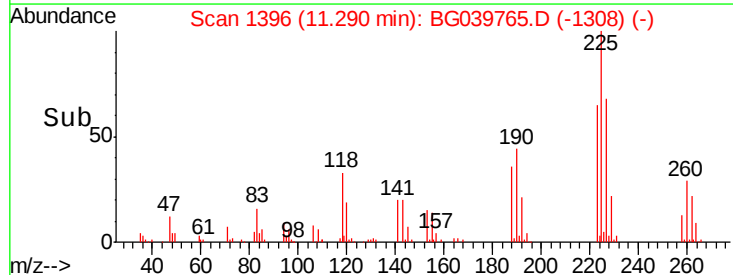
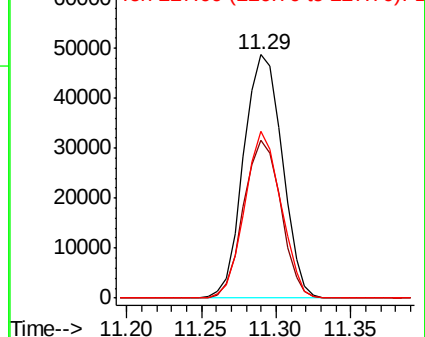


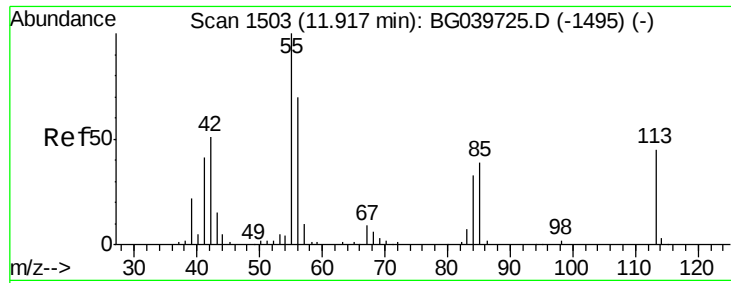
#34
Hexachlorobutadiene
Concen: 38.861 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:	225	Resp:	87346
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.0	73.6
227	68.3	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

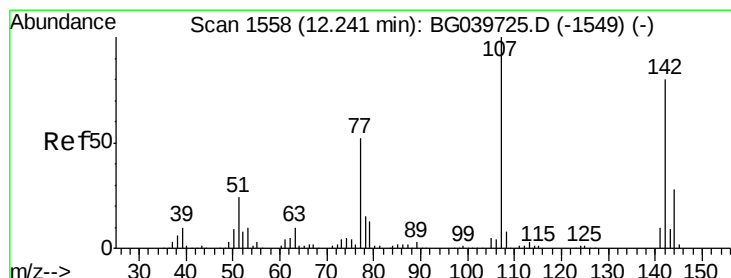
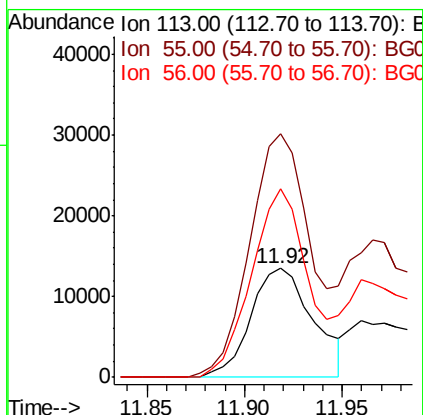
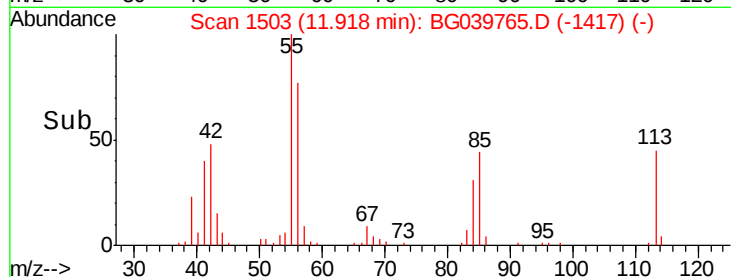
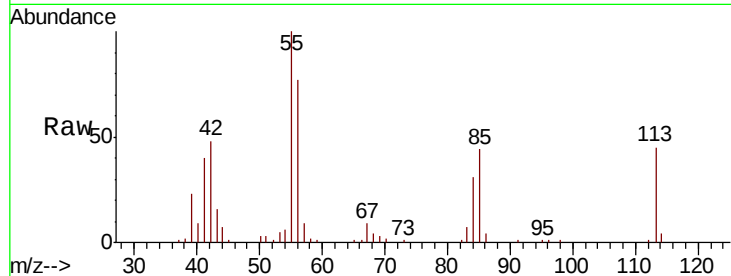




#35
 Caprolactam
 Concen: 26.699 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

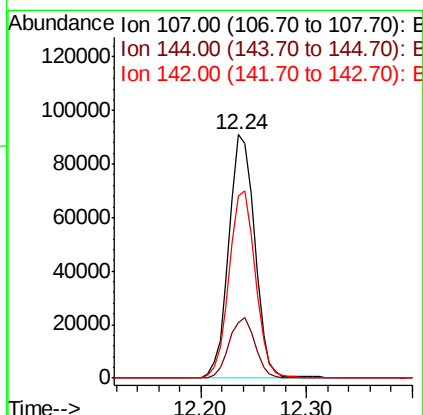
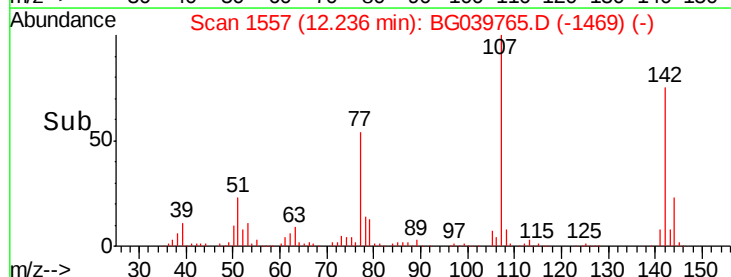
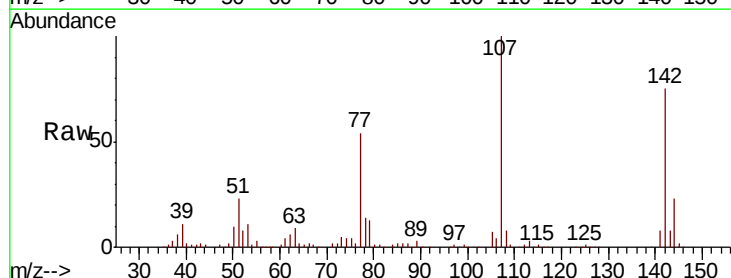
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

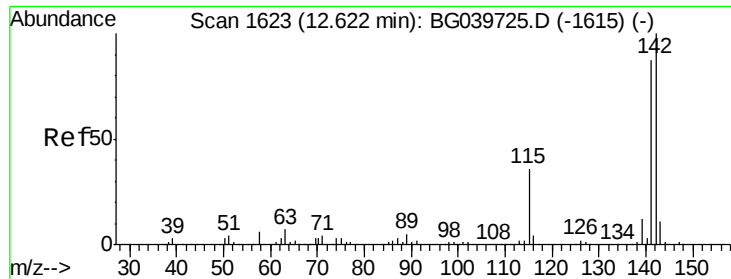
Tgt Ion:113 Resp: 29812
 Ion Ratio Lower Upper
 113 100
 55 223.2 216.9 256.9
 56 172.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.088 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:107 Resp: 154430
 Ion Ratio Lower Upper
 107 100
 144 23.0 20.2 30.2
 142 74.9 61.4 92.2

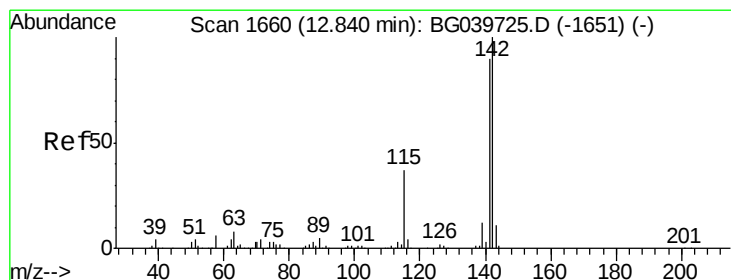
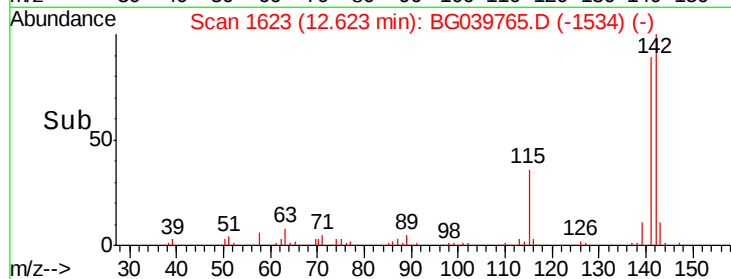
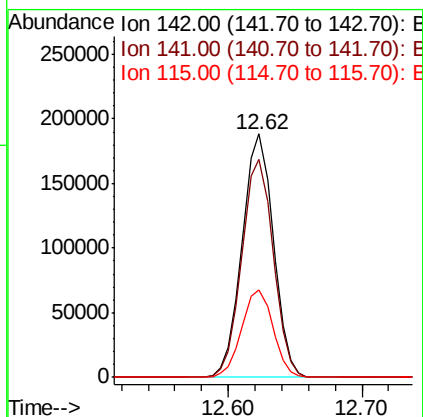
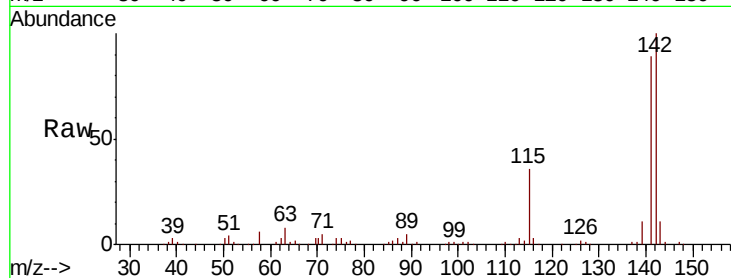




#37
 2-Methylnaphthalene
 Concen: 43.104 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

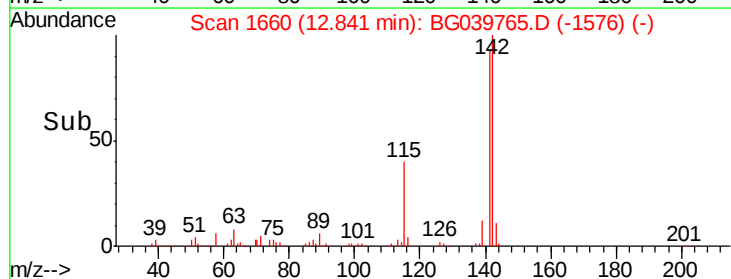
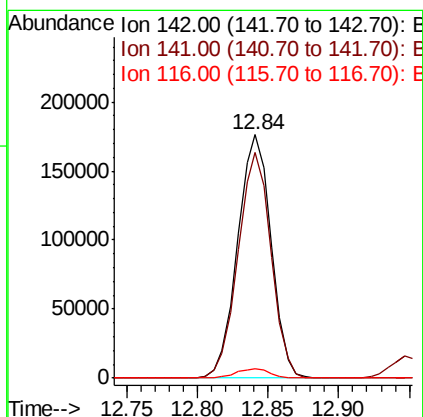
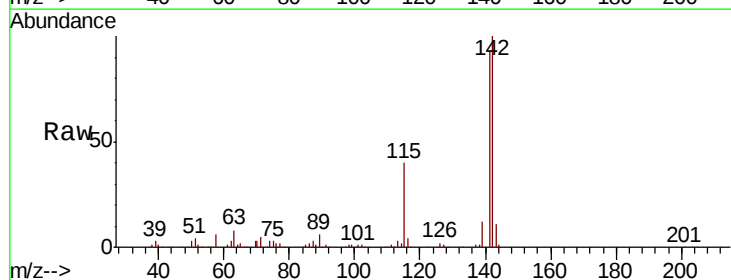
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

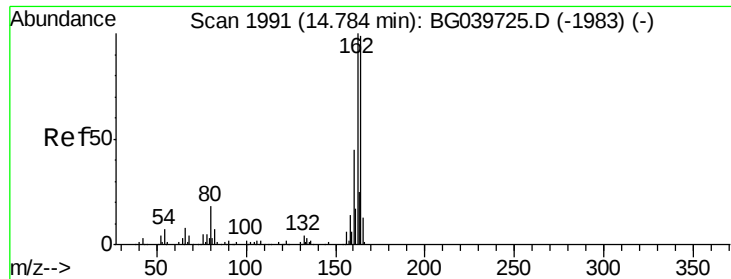
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.5	110.3
115	36.1	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 42.403 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

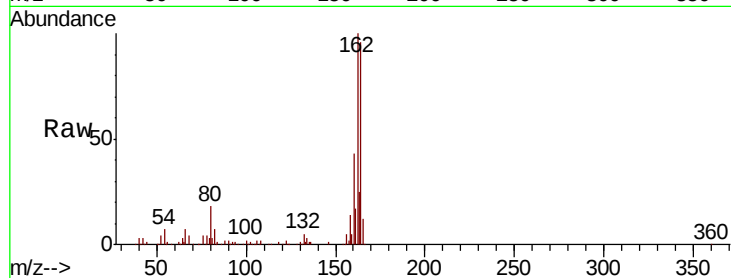
Tgt Ion:164 Resp: 126863

Ion Ratio Lower Upper

164 100

162 104.3 81.6 122.4

160 44.8 34.2 51.2

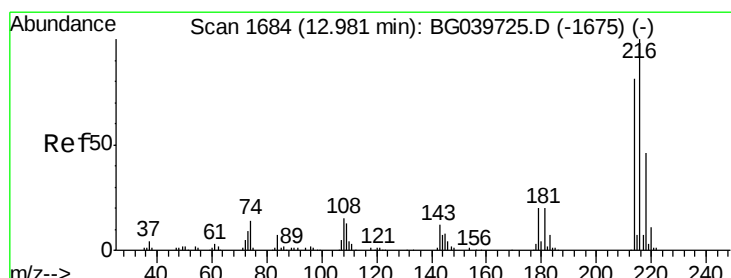
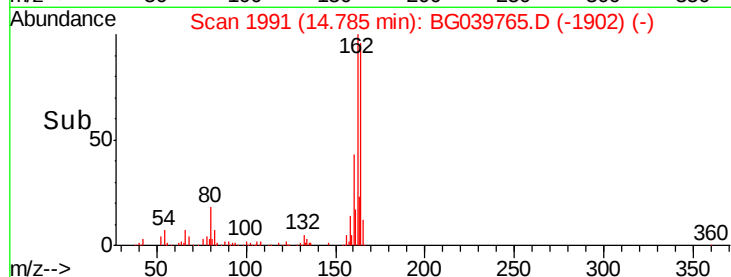
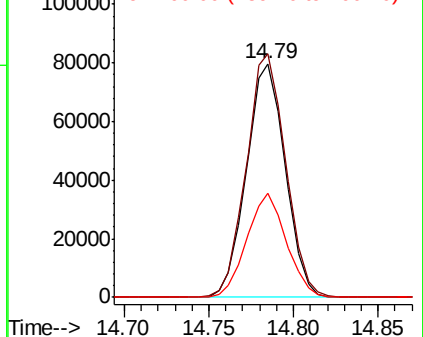


Abundance

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: 39.003 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Tgt Ion:216 Resp: 167627

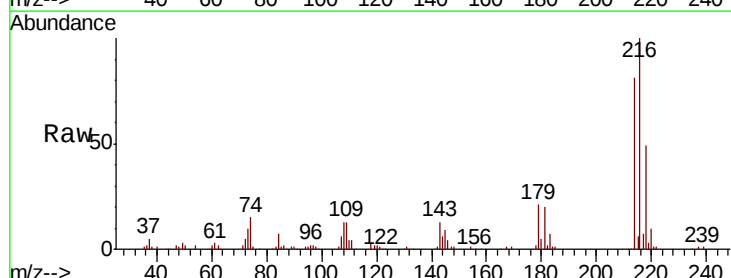
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 20.8 16.6 25.0

108 18.1 14.0 21.0



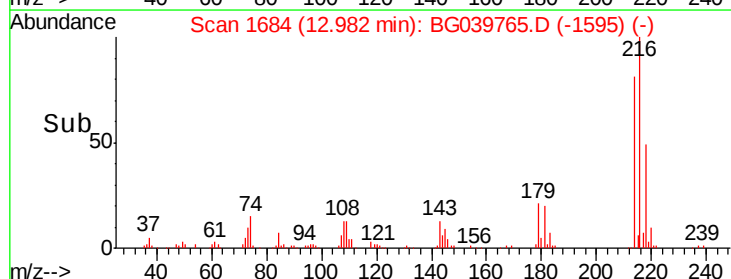
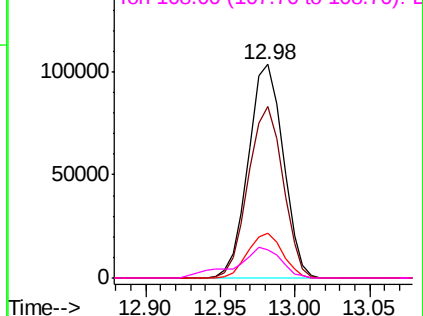
Abundance

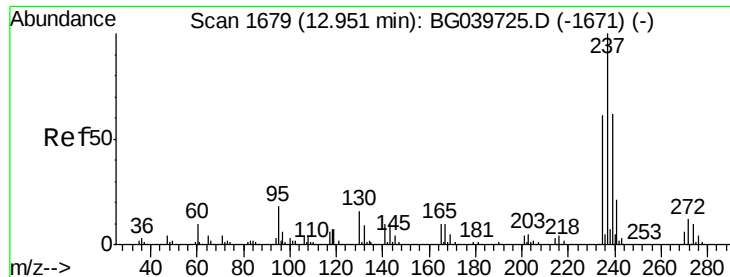
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

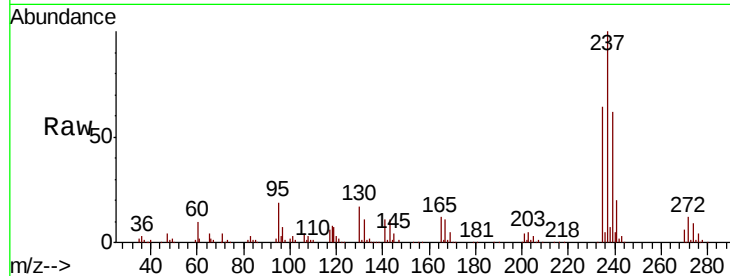




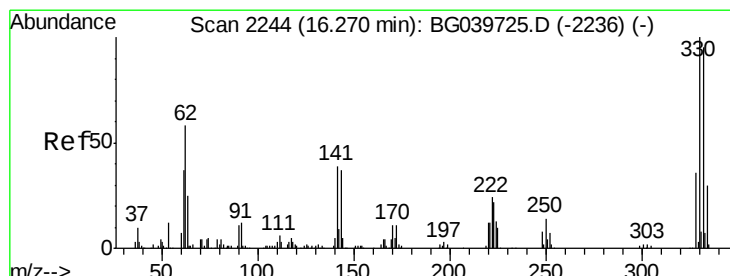
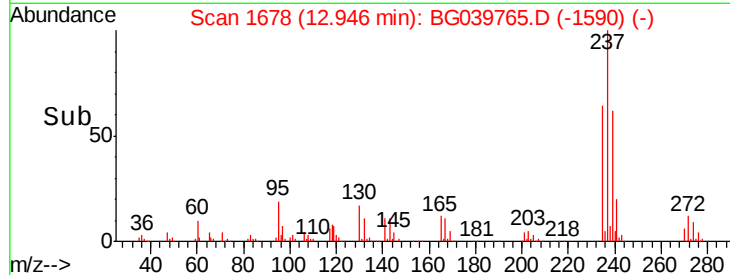
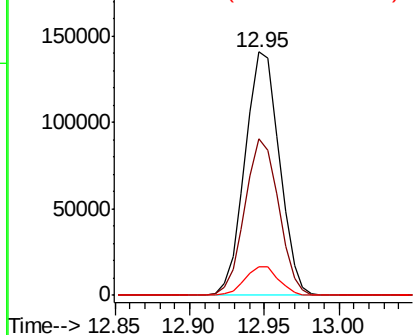
#41
Hexachlorocyclopentadiene
Concen: 97.488 ng
RT: 12.95 min Scan# 1678
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Instrument :
BNA_G
ClientSampleId :
PB117619BS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	224535		
235	64.4		43.3	83.3
272	11.8		0.0	32.3

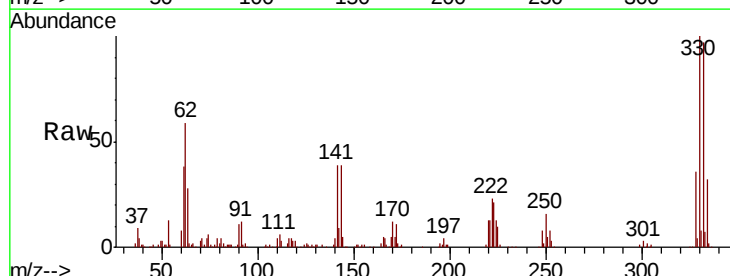


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

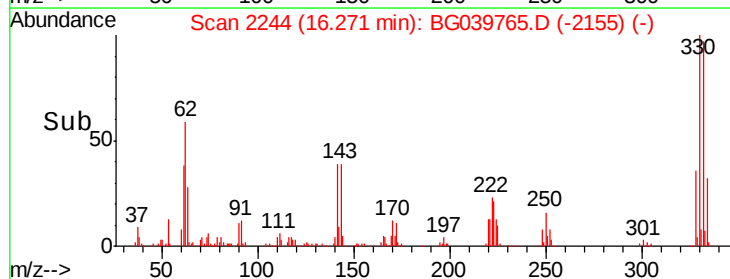
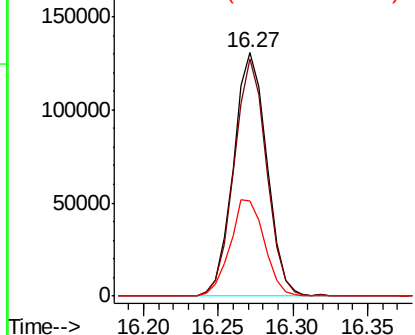


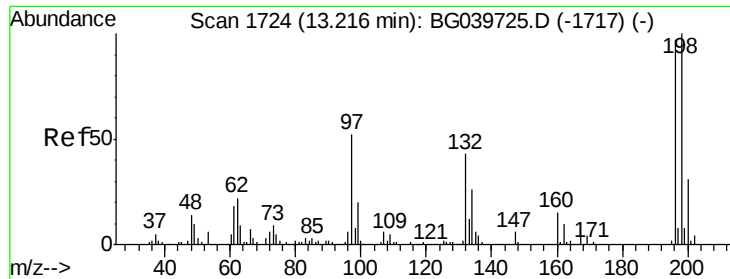
#42
2,4,6-Tribromophenol
Concen: 137.505 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	203326		
332	95.1		75.7	113.5
141	40.9		35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

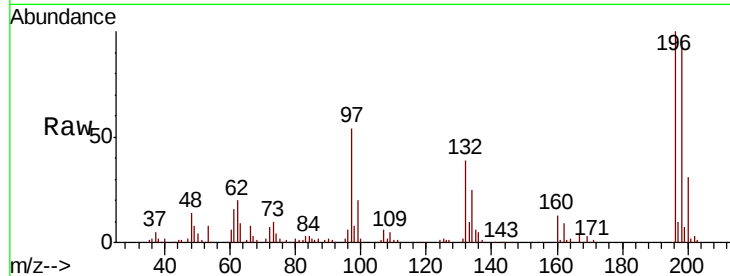




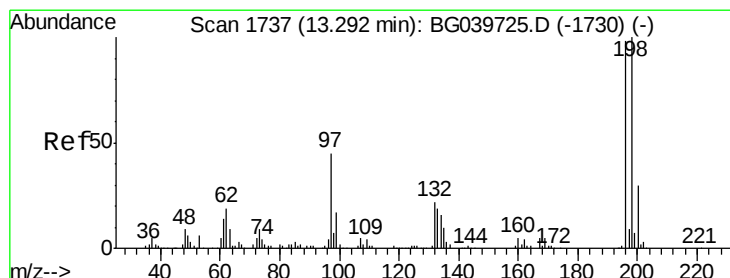
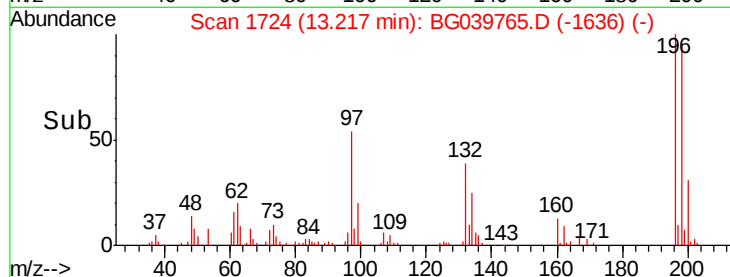
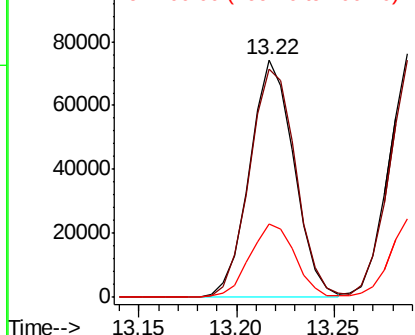
#43
 2,4,6-Trichlorophenol
 Concen: 46.423 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tgt Ion:196 Resp: 116808
 Ion Ratio Lower Upper
 196 100
 198 96.2 80.6 121.0
 200 30.8 26.1 39.1

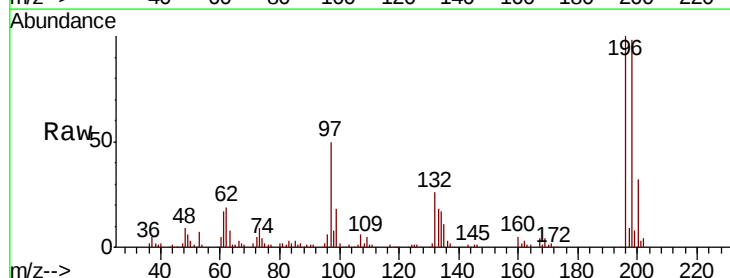


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

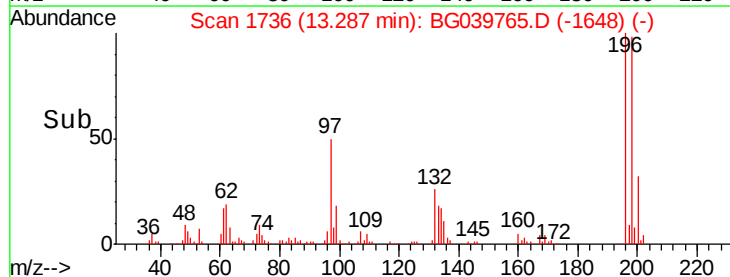
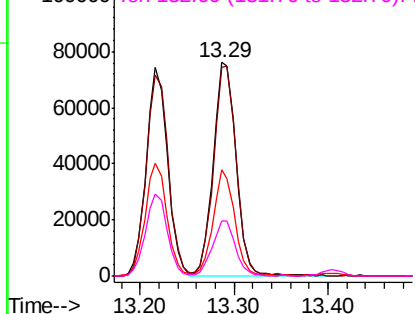


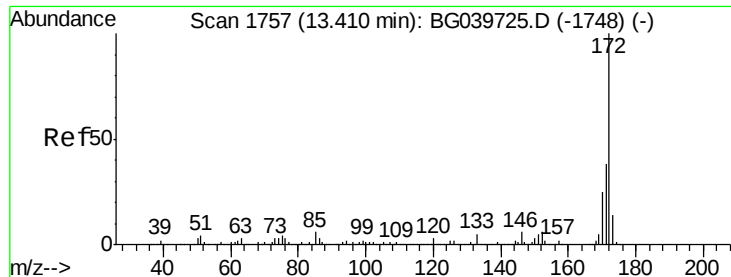
#44
 2,4,5-Trichlorophenol
 Concen: 45.561 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:196 Resp: 129218
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.5 117.7
 97 49.6 38.4 57.6
 132 25.7 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

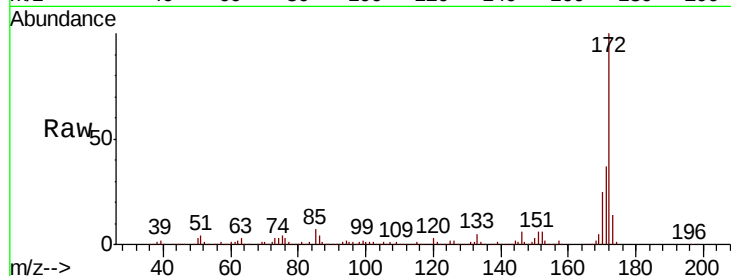




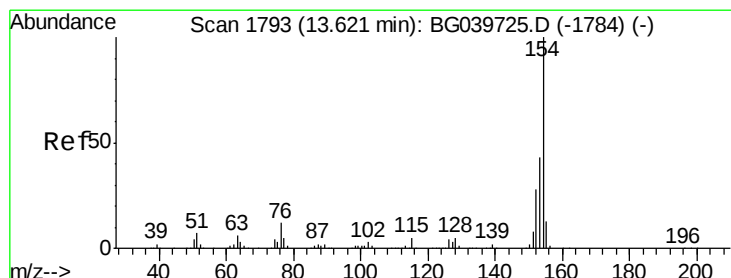
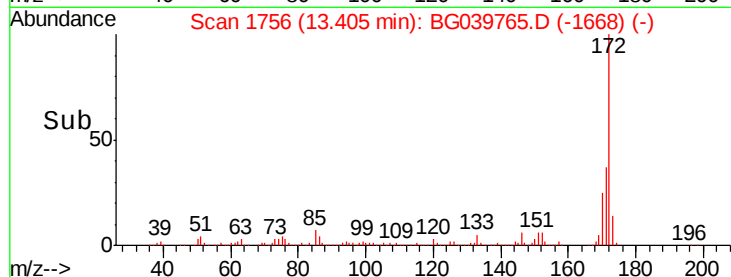
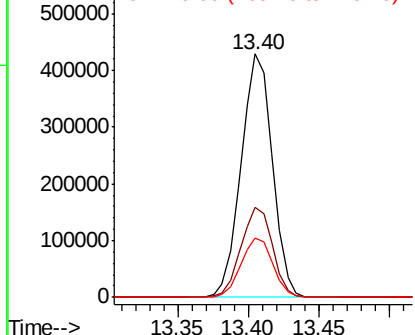
#45
 2-Fluorobiphenyl
 Concen: 74.549 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tgt Ion:172 Resp: 664232
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 24.5 20.2 30.4

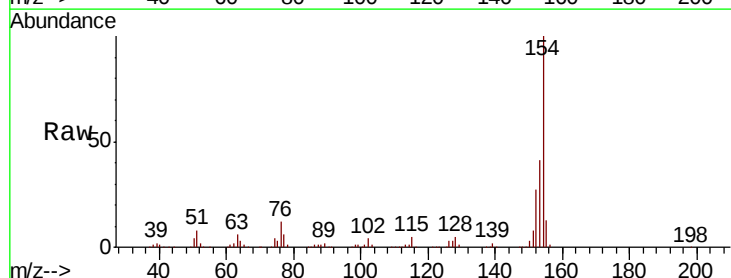


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

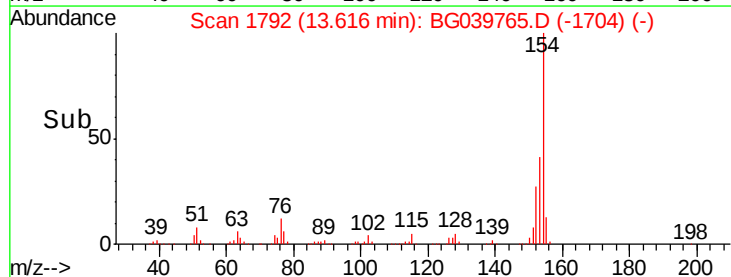
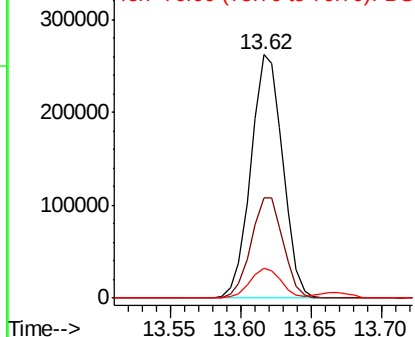


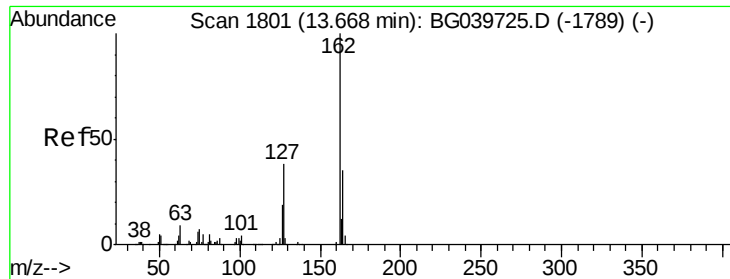
#46
 1,1'-Biphenyl
 Concen: 39.771 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:154 Resp: 414984
 Ion Ratio Lower Upper
 154 100
 153 41.1 22.1 62.1
 76 12.1 0.0 32.4



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

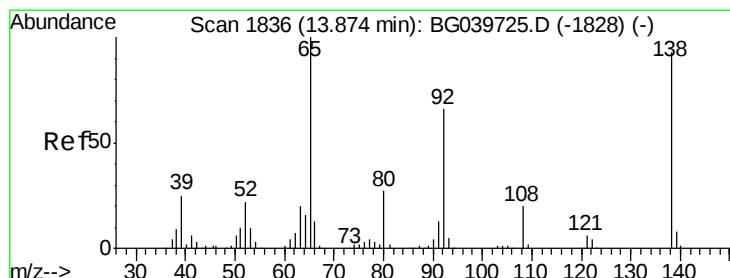
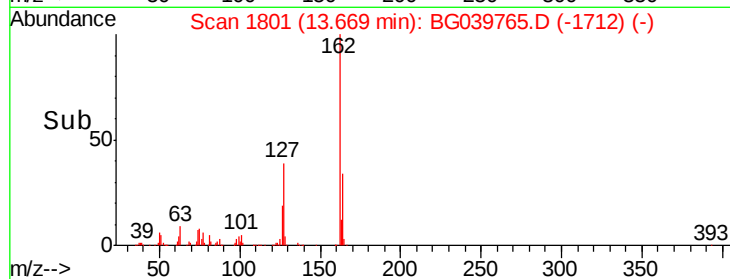
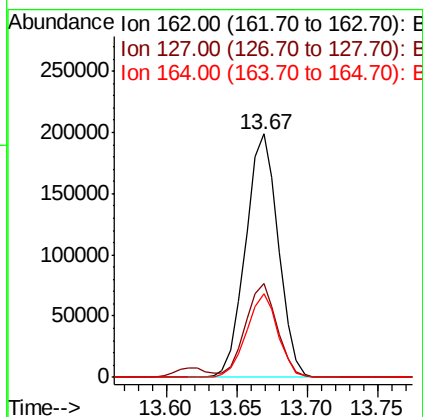
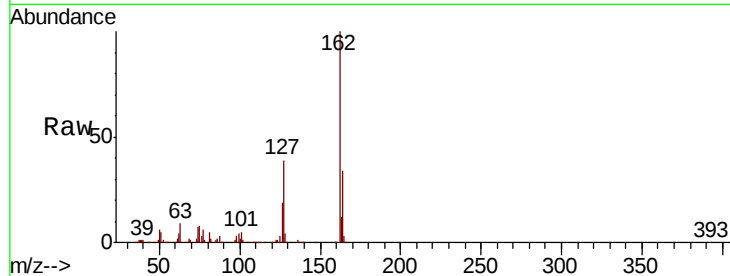




#47
 2-Chloronaphthalene
 Concen: 41.086 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

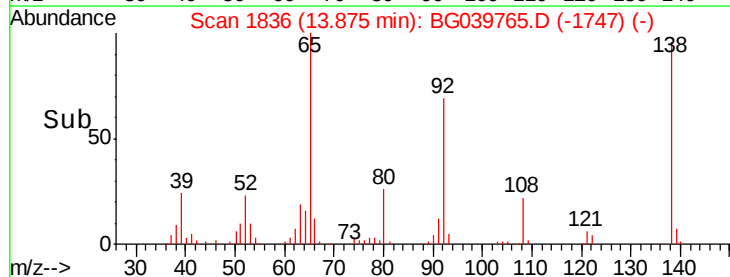
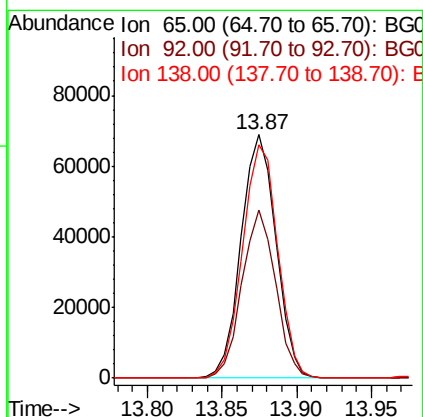
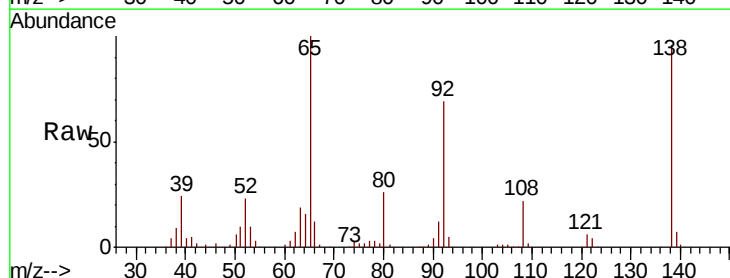
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

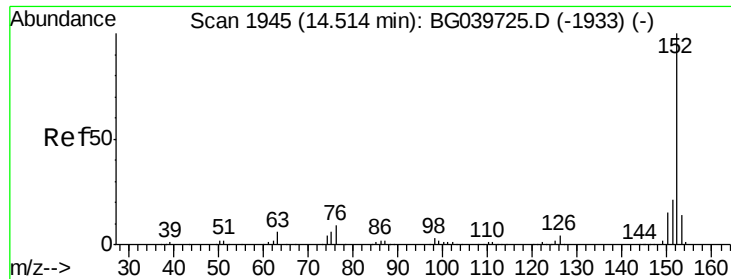
Tgt Ion: 162 Resp: 322511
 Ion Ratio Lower Upper
 162 100
 127 38.7 31.0 46.6
 164 34.1 25.7 38.5



#48
 2-Nitroaniline
 Concen: 44.279 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion: 65 Resp: 111699
 Ion Ratio Lower Upper
 65 100
 92 69.3 51.4 77.2
 138 96.0 71.4 107.2





#49

Acenaphthylene

Concen: 40.343 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

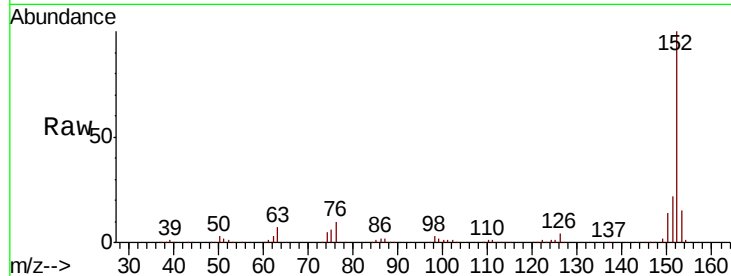
Tgt Ion:152 Resp: 519856

Ion Ratio Lower Upper

152 100

151 21.8 16.8 25.2

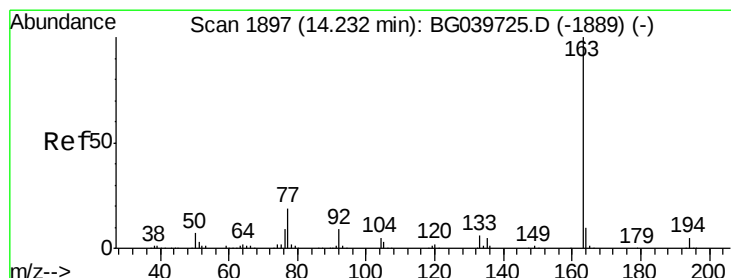
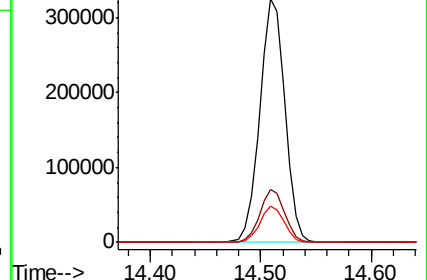
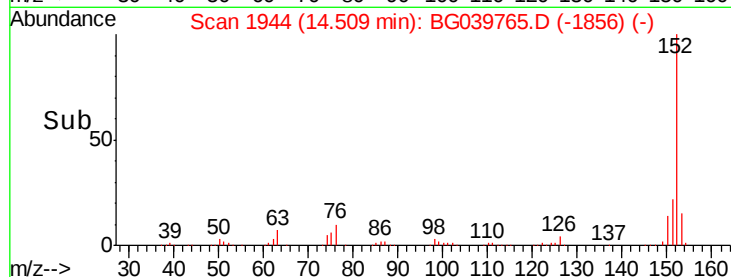
153 14.8 11.7 17.5



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: 41.577 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

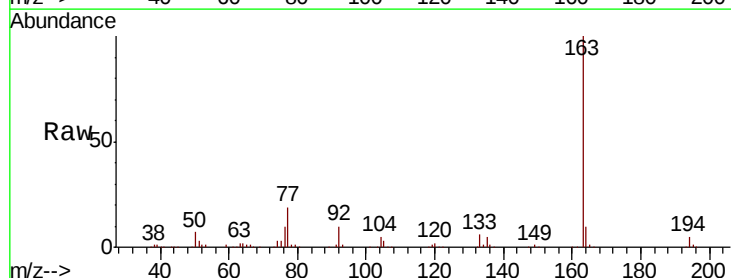
Tgt Ion:163 Resp: 441059

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

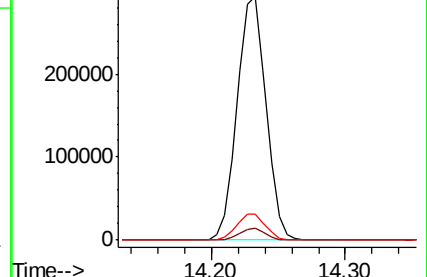
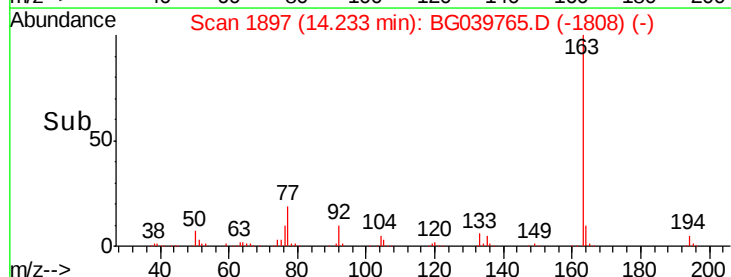
164 10.5 8.4 12.6

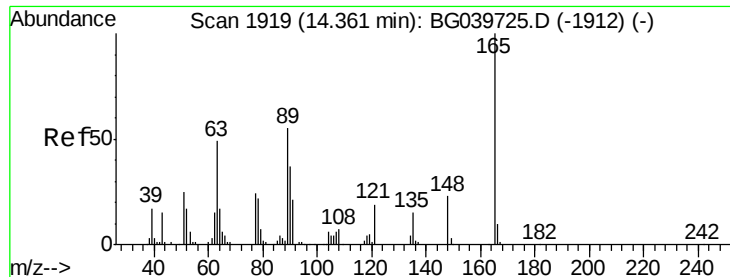


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.366 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

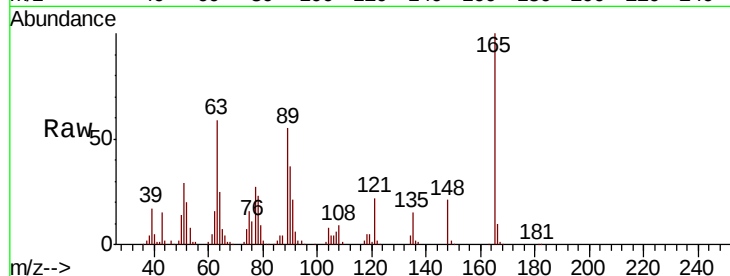
Tgt Ion:165 Resp: 97525

Ion Ratio Lower Upper

165 100

63 58.7 47.0 70.6

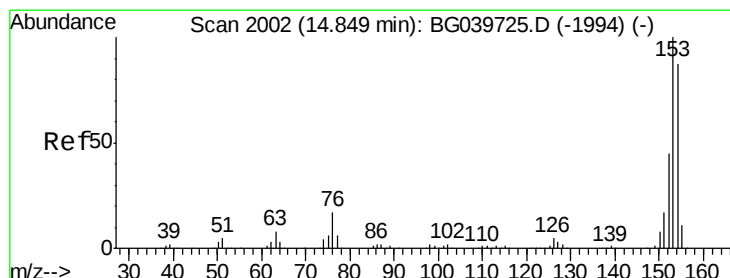
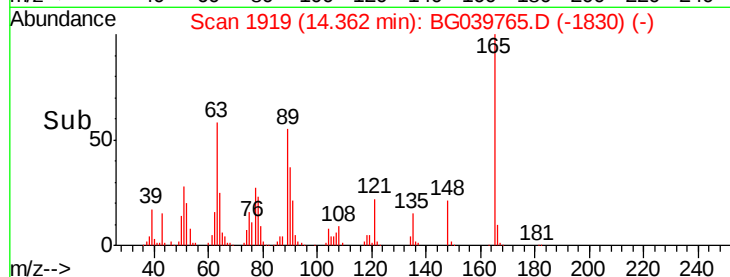
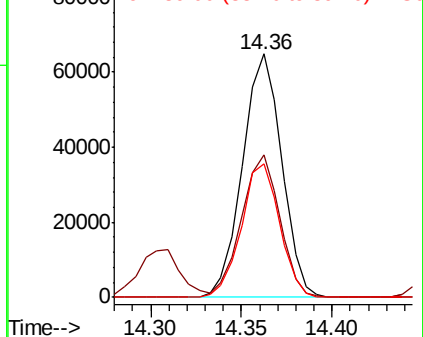
89 55.0 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.040 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

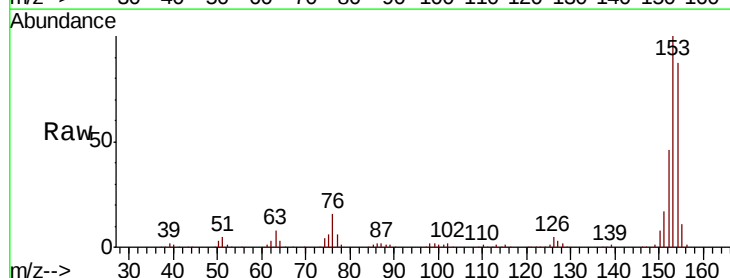
Tgt Ion:154 Resp: 318296

Ion Ratio Lower Upper

154 100

153 115.2 90.1 135.1

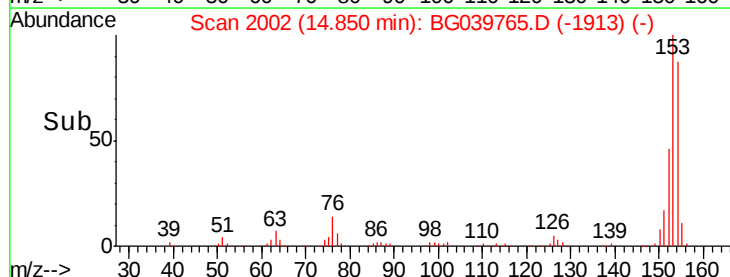
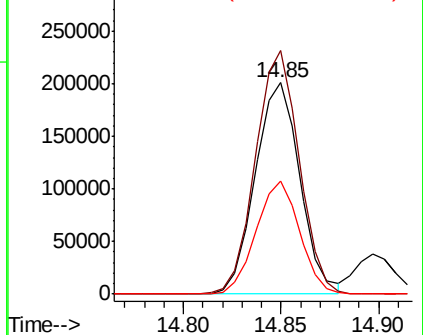
152 53.2 40.9 61.3

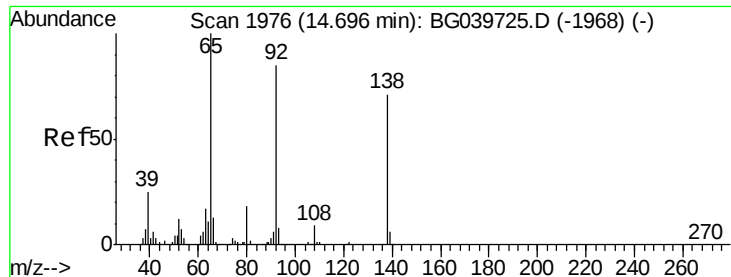


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

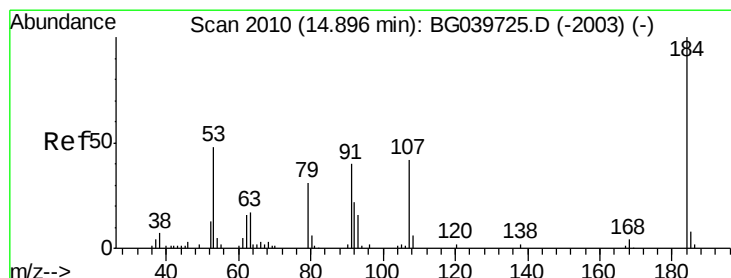
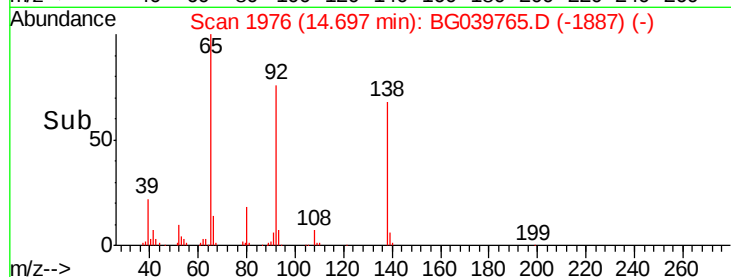
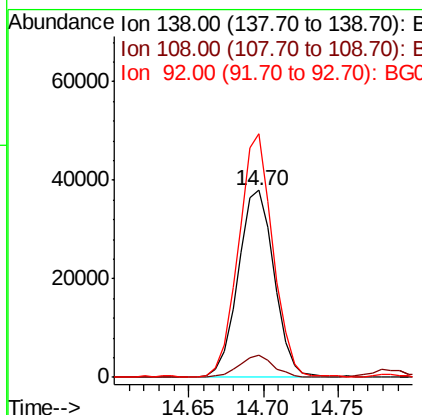
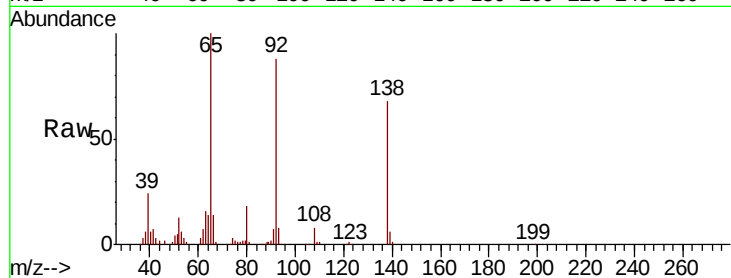




#53
3-Nitroaniline
Concen: 28.141 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

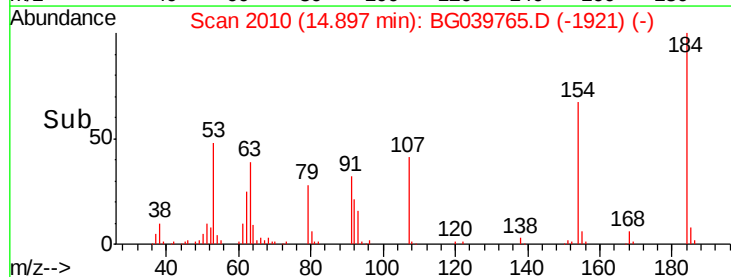
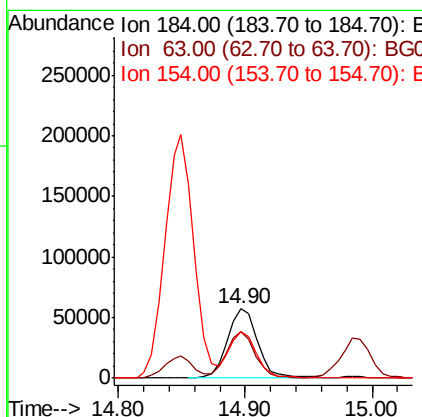
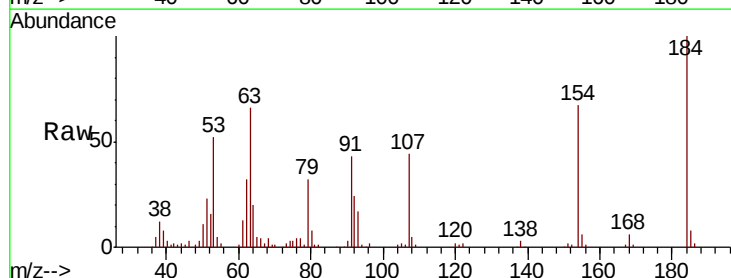
Instrument :
BNA_G
ClientSampleId :
PB117619BS

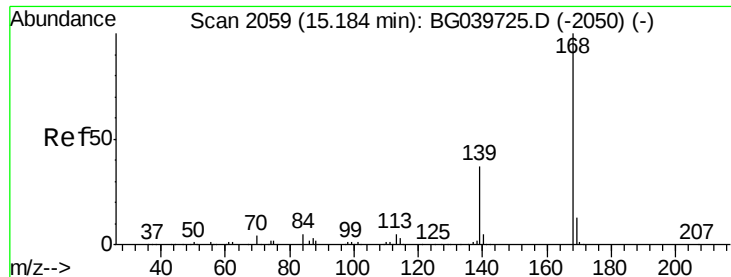
Tgt Ion:138 Resp: 63615
Ion Ratio Lower Upper
138 100
108 11.8 13.8 20.8#
92 130.2 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 67.064 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:184 Resp: 93822
Ion Ratio Lower Upper
184 100
63 66.2 50.9 76.3
154 66.8 53.0 79.6

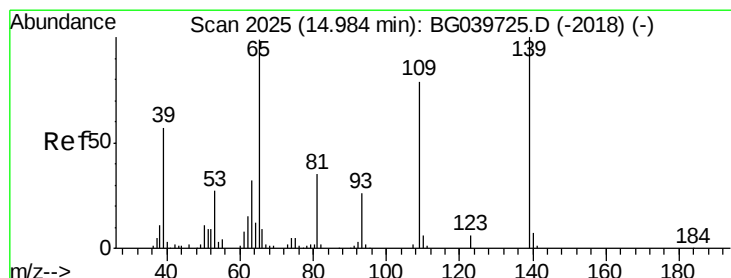
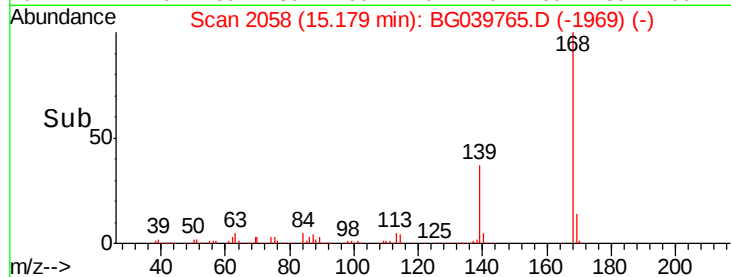
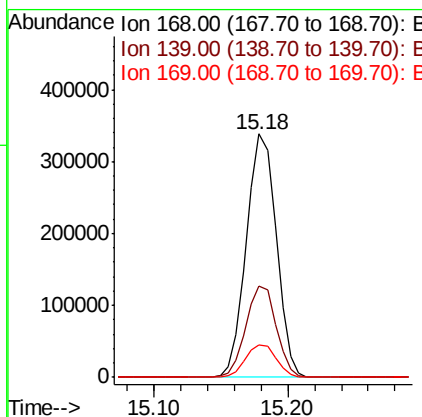
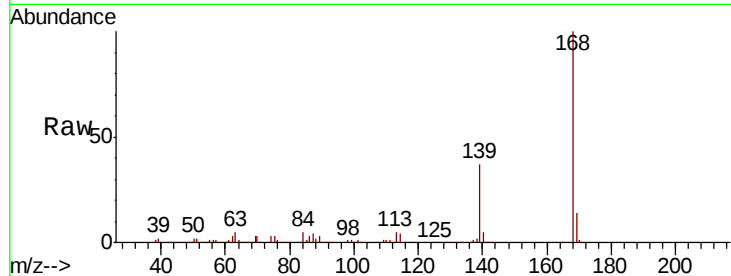




#55
Dibenzenofuran
Concen: 41.143 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

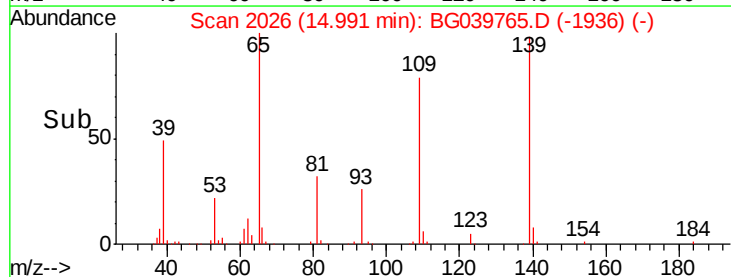
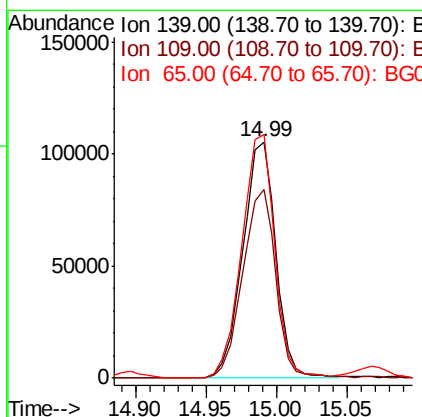
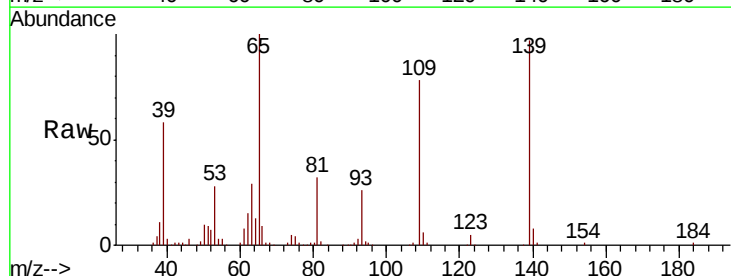
Instrument :
BNA_G
ClientSampleId :
PB117619BS

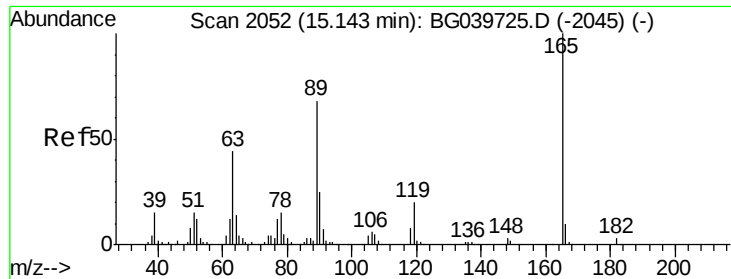
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.6	10.6	16.0



#56
4-Nitrophenol
Concen: 85.592 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.0	61.9	101.9
65	103.2	99.1	139.1

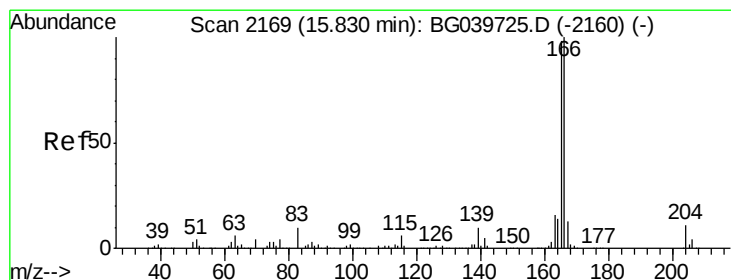
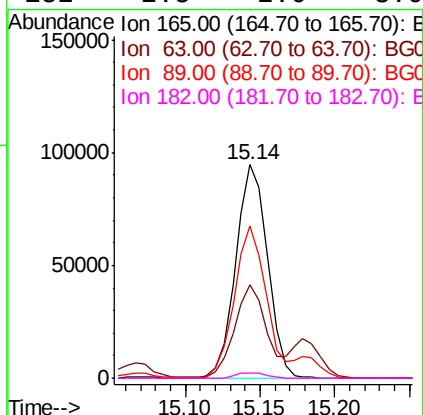
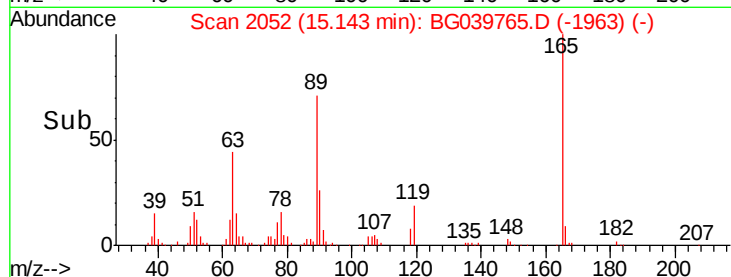
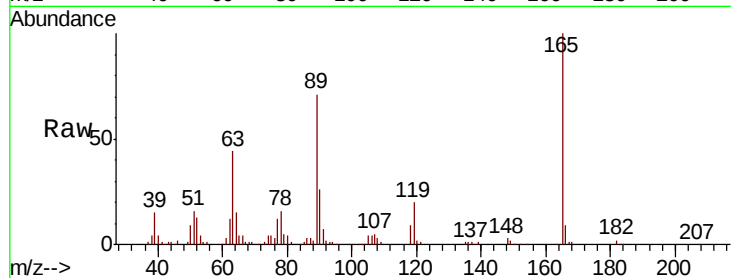




#57
2,4-Dinitrotoluene
Concen: 44.307 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

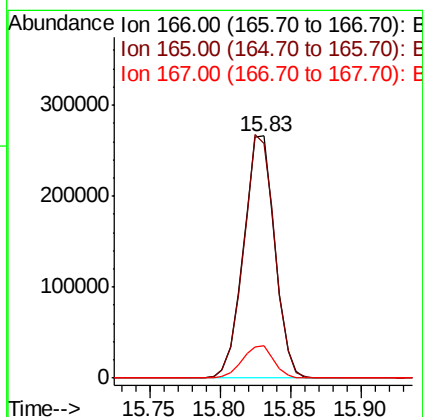
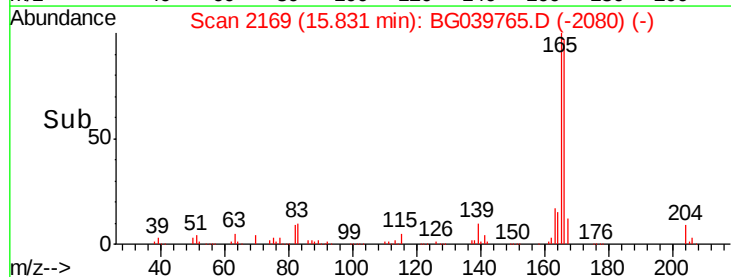
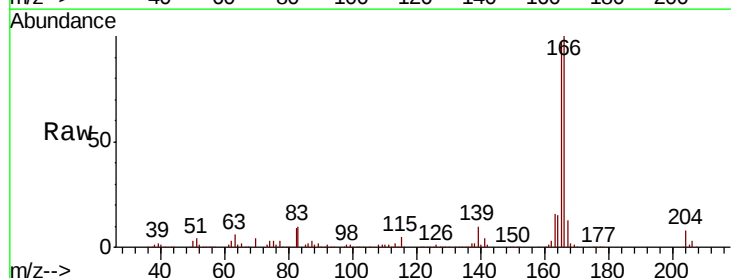
Instrument :
BNA_G
ClientSampleId :
PB117619BS

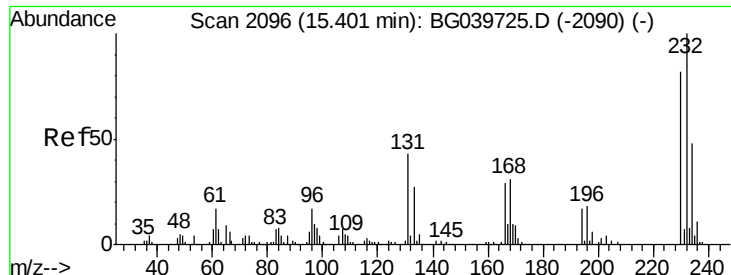
Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.8	41.0	61.6
89	71.1	64.6	96.8
182	2.5	2.0	3.0



#58
Fluorene
Concen: 41.173 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.4	10.8	16.2

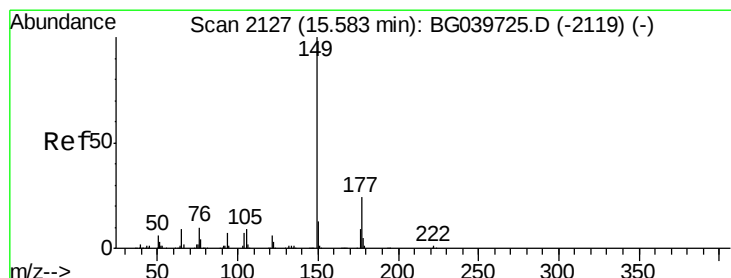
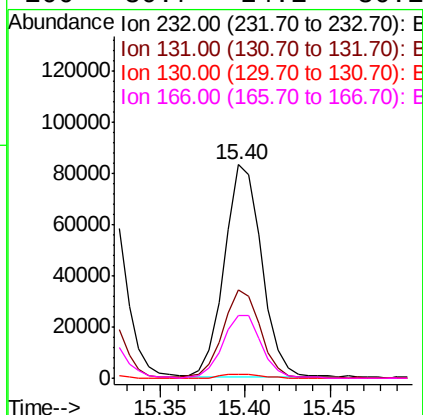
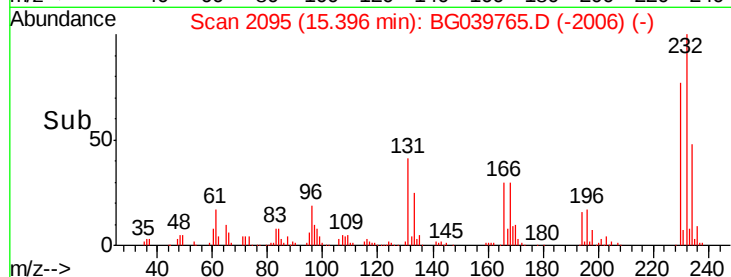
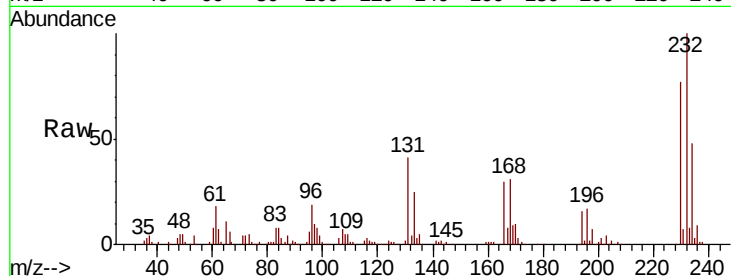




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.979 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

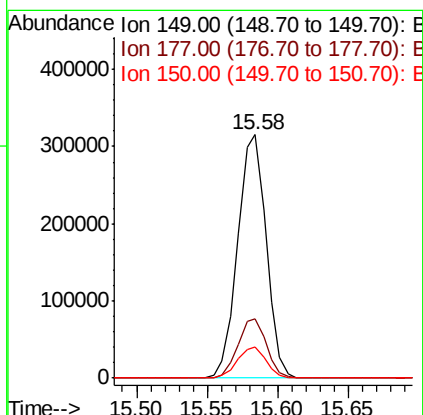
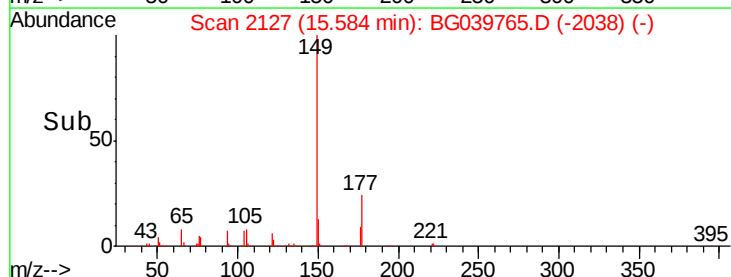
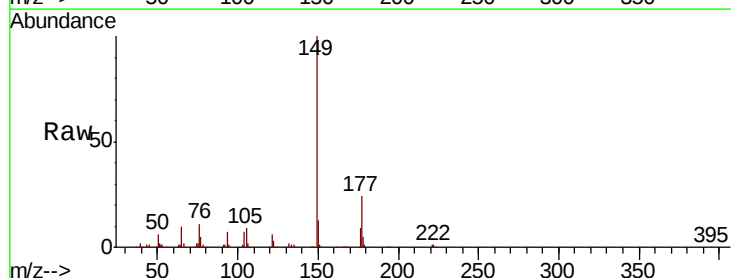
Instrument :
BNA_G
ClientSampleId :
PB117619BS

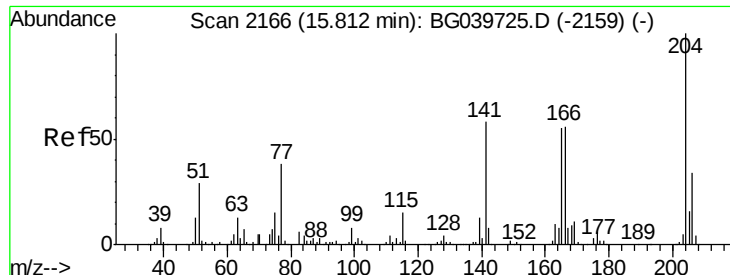
Tgt Ion:	232	Resp:	127357
Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.9	52.3
130	2.3	2.0	3.0
166	30.7	24.1	36.1



#60
Diethylphthalate
Concen: 42.308 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:	149	Resp:	444294
Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.3	27.5
150	12.8	10.2	15.2

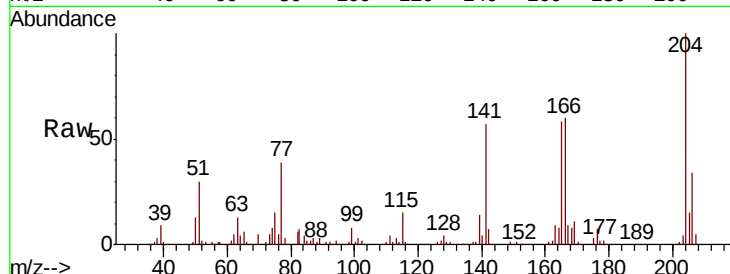




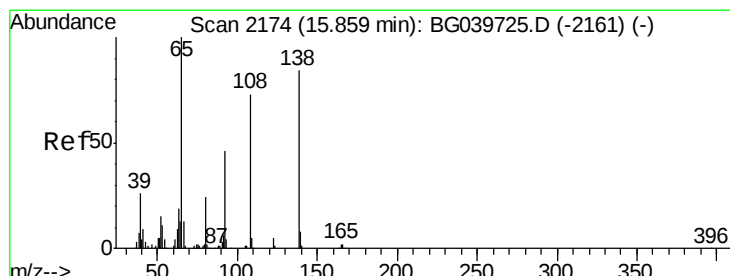
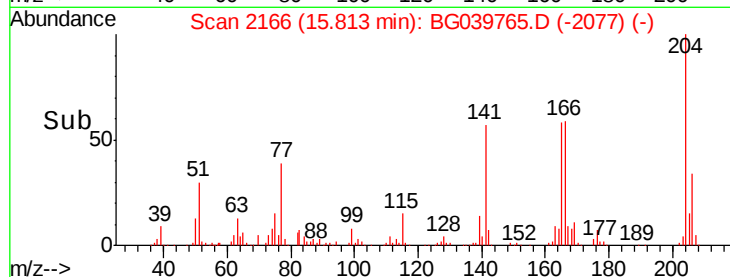
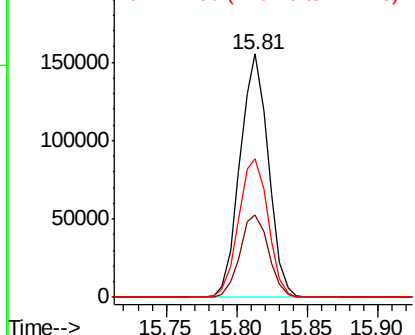
#61
 4-Chlorophenyl-phenylether
 Concen: 40.694 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tgt Ion: 204 Resp: 217229
 Ion Ratio Lower Upper
 204 100
 206 33.7 29.2 43.8
 141 57.0 49.0 73.4

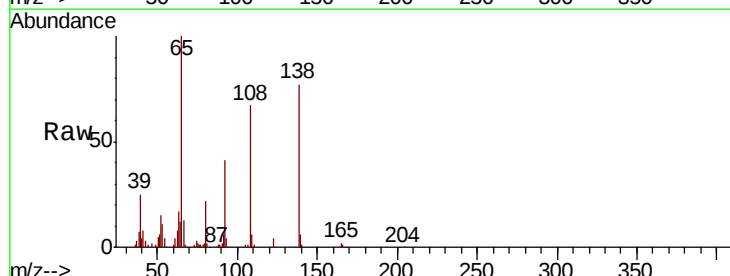


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

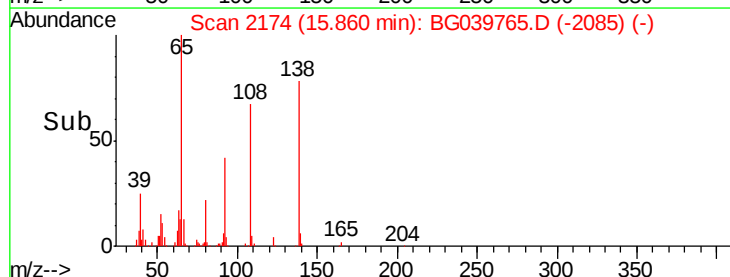
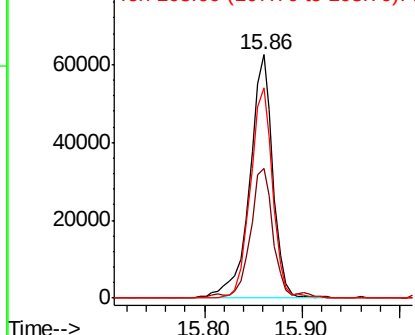


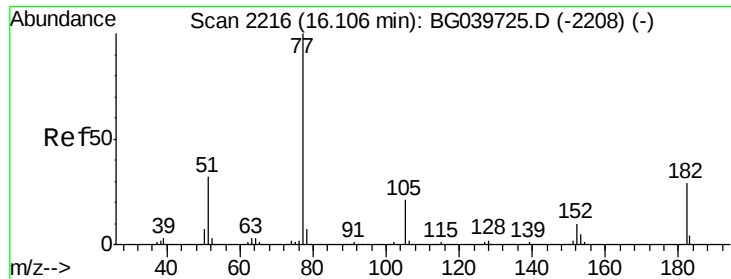
#62
 4-Nitroaniline
 Concen: 42.277 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion: 138 Resp: 103610
 Ion Ratio Lower Upper
 138 100
 92 53.5 38.7 78.7
 108 86.5 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: 41.804 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

Tgt Ion: 77 Resp: 397941

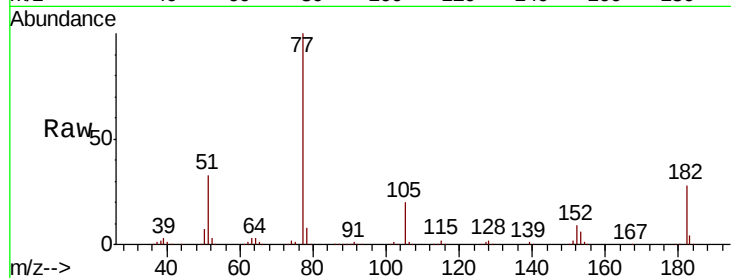
Ion Ratio Lower Upper

77 100

182 27.9 6.4 46.4

105 20.3 0.0 39.8

51 33.5 14.1 54.1

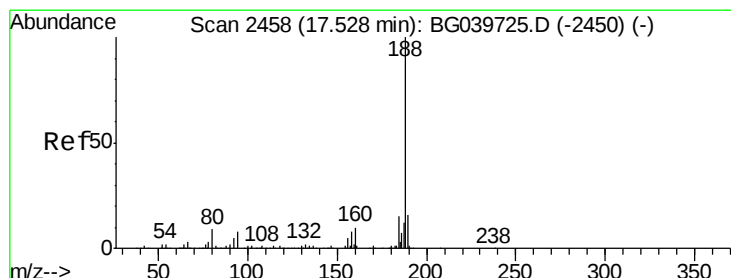
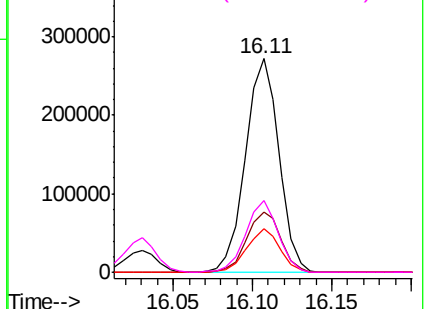
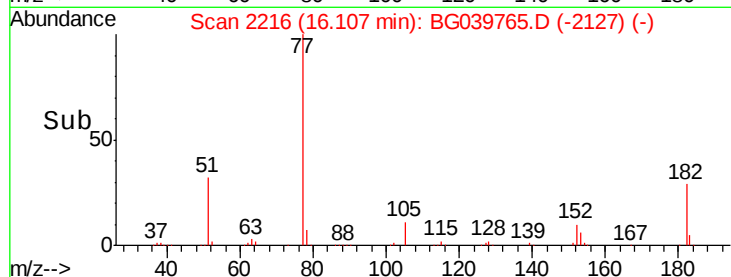


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

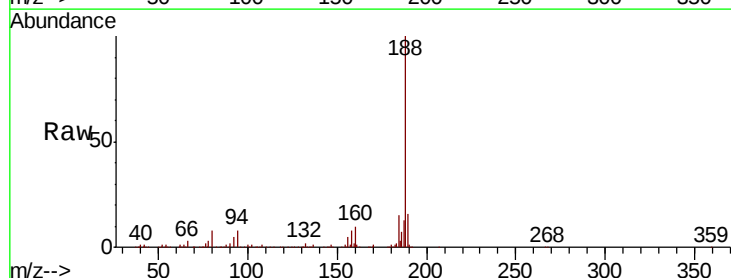
Tgt Ion: 188 Resp: 320617

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

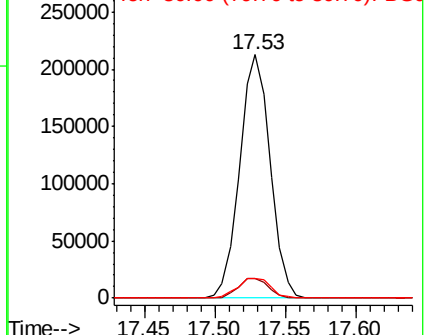
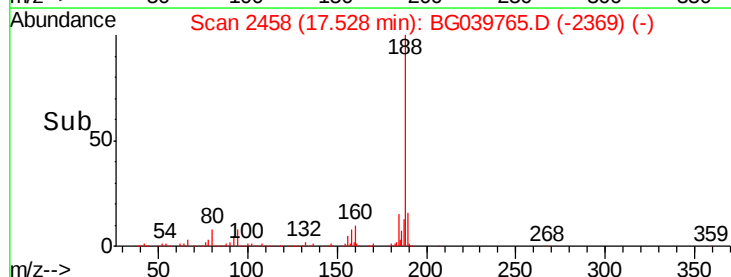
80 8.1 8.1 12.1

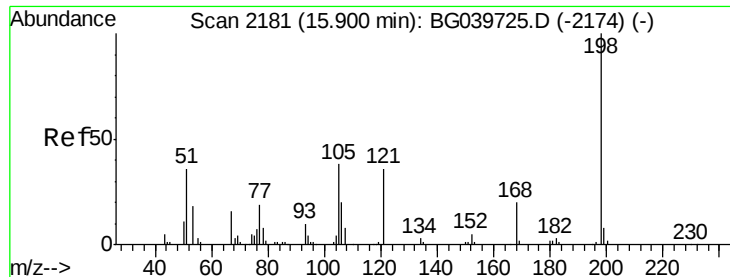


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

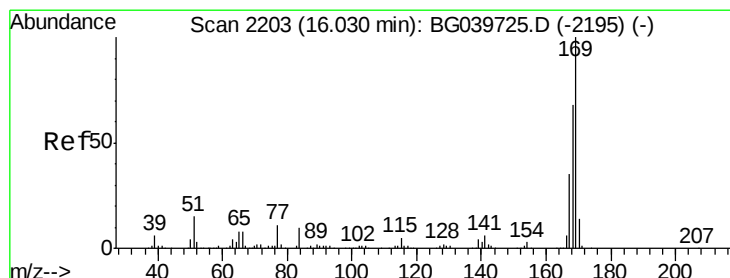
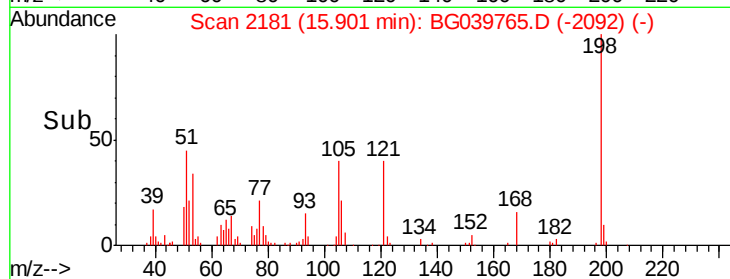
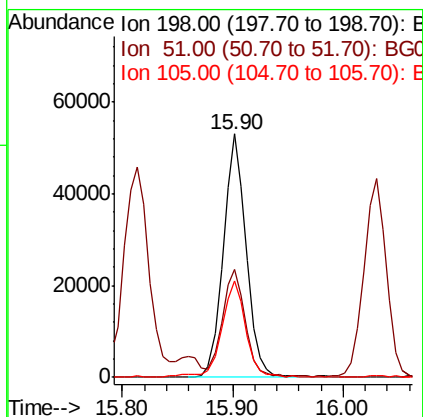
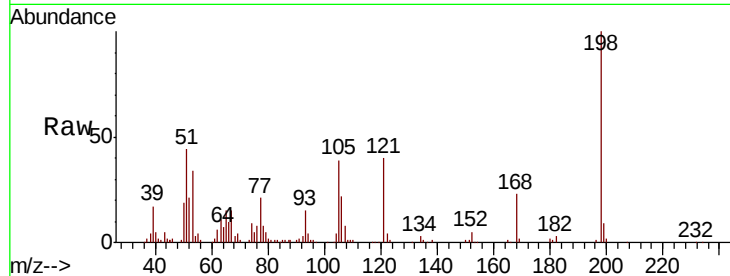




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.500 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

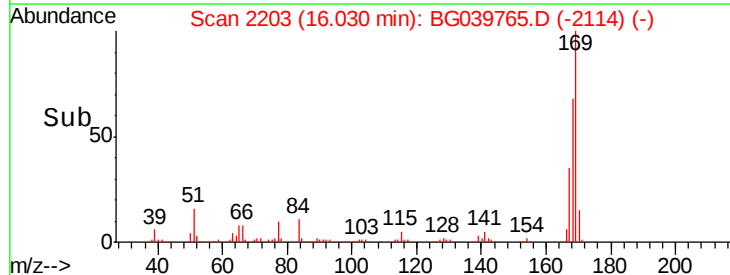
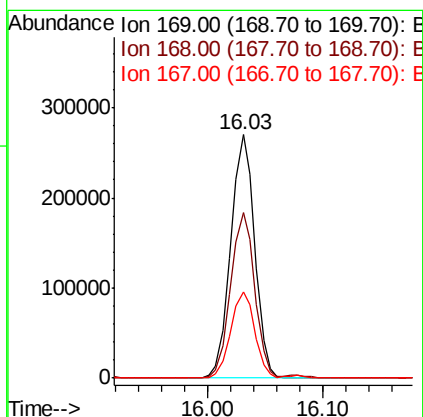
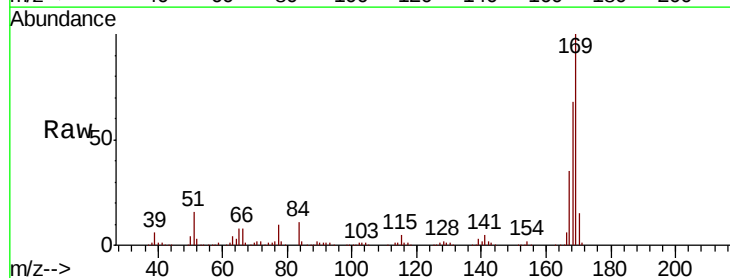
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

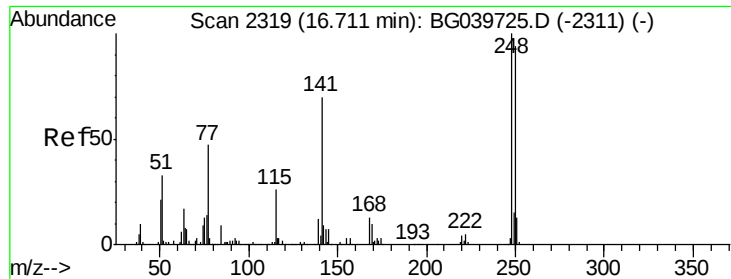
Tgt Ion:198 Resp: 76776
 Ion Ratio Lower Upper
 198 100
 51 44.5 27.4 67.4
 105 39.5 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.693 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:169 Resp: 386991
 Ion Ratio Lower Upper
 169 100
 168 68.0 56.6 85.0
 167 35.4 28.8 43.2

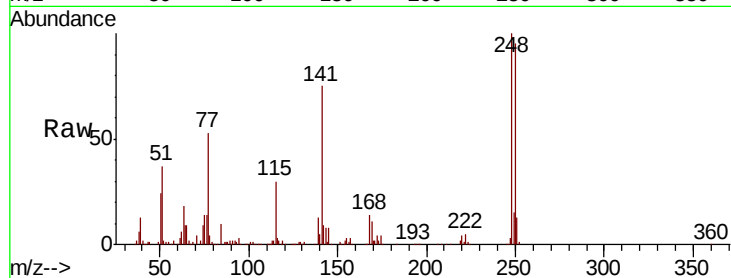




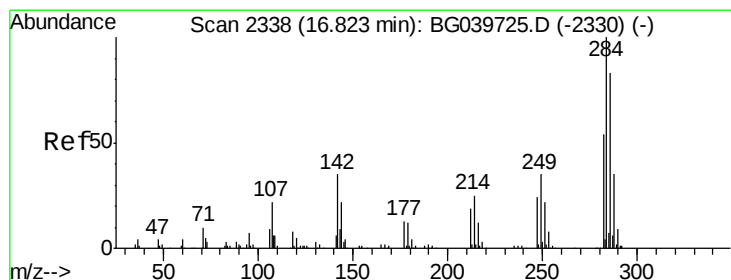
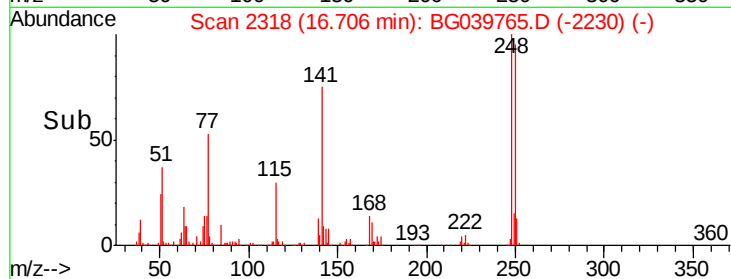
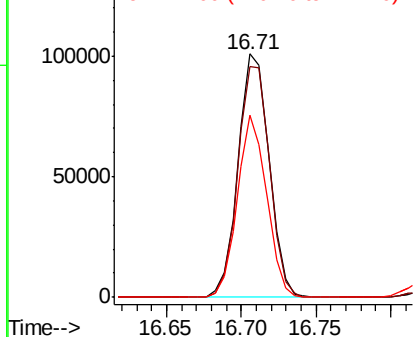
#67
 4-Bromophenyl-phenylether
 Concen: 40.567 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

Tgt Ion:248 Resp: 145587
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.6 116.4
 141 75.1 63.9 95.9

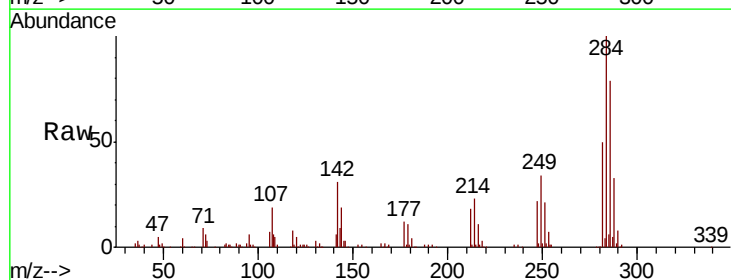


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

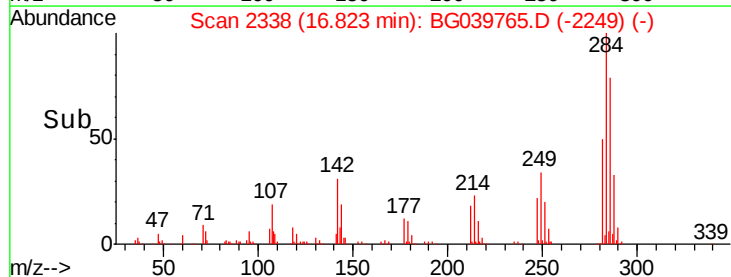
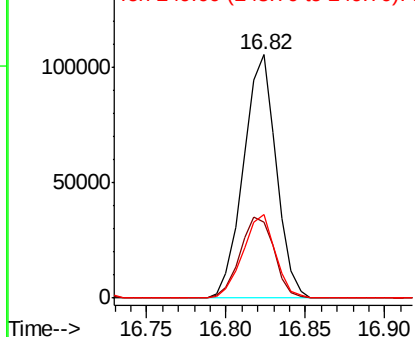


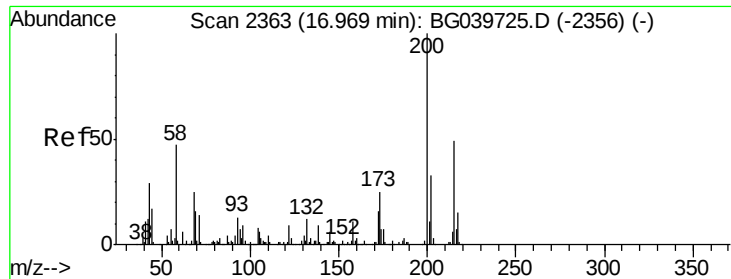
#68
 Hexachlorobenzene
 Concen: 40.464 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:284 Resp: 150526
 Ion Ratio Lower Upper
 284 100
 142 31.3 30.6 45.8
 249 34.1 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: 42.993 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

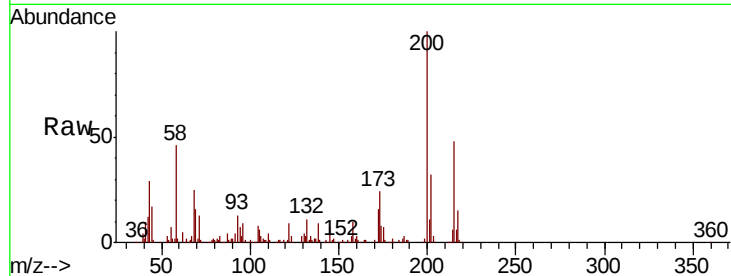
Tgt Ion:200 Resp: 157053

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

215 48.1 30.9 70.9

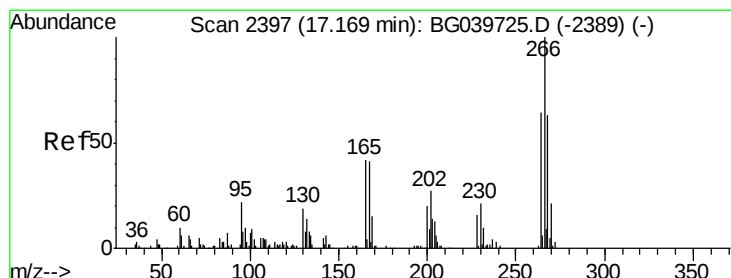
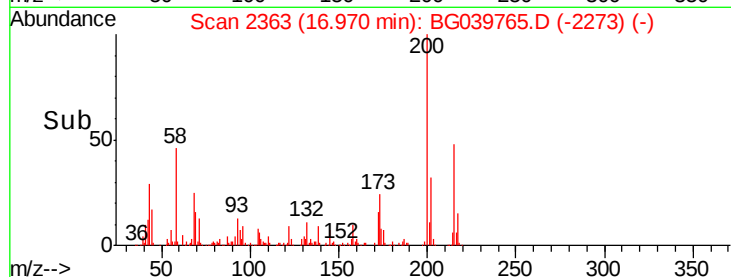
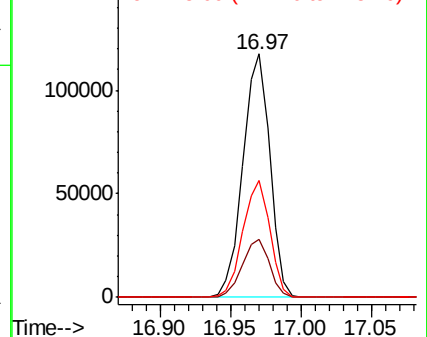


Abundance

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: 82.156 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

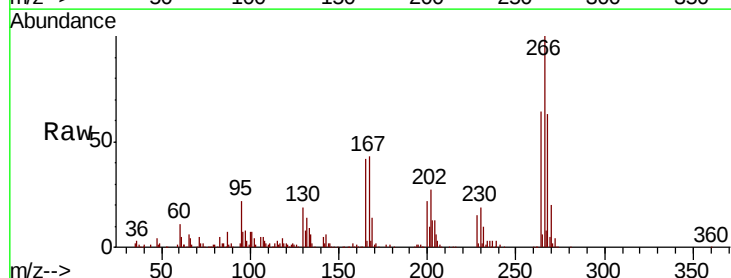
Tgt Ion:266 Resp: 193015

Ion Ratio Lower Upper

266 100

268 62.6 51.1 76.7

264 63.9 52.1 78.1

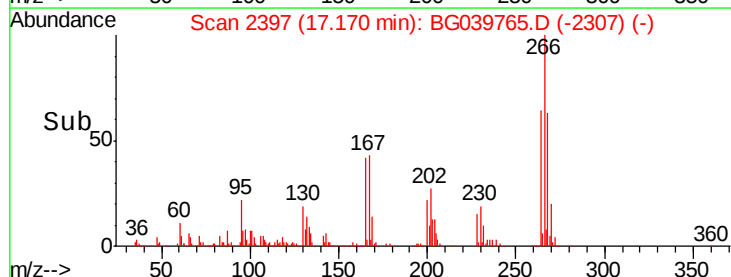
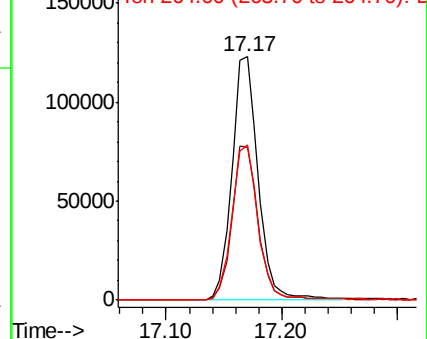


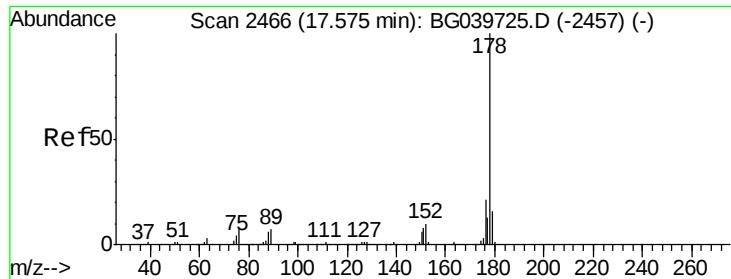
Abundance

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

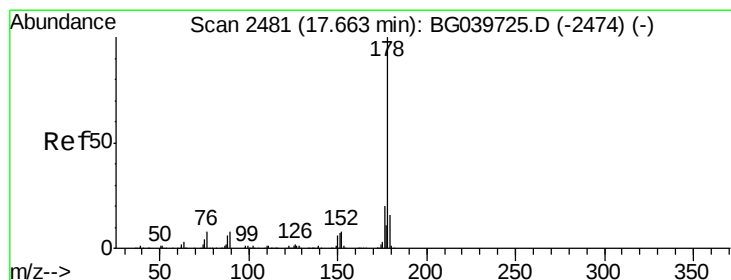
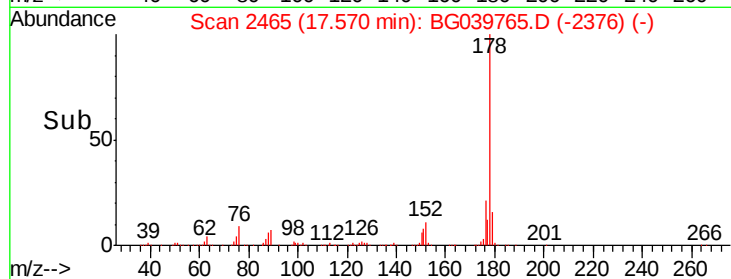
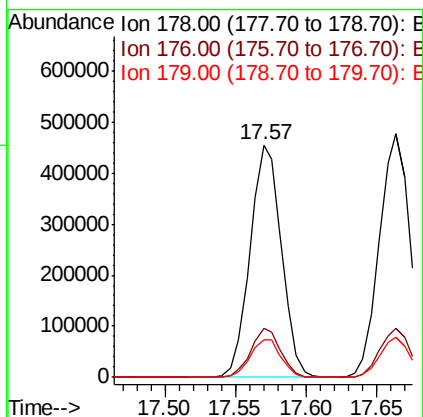
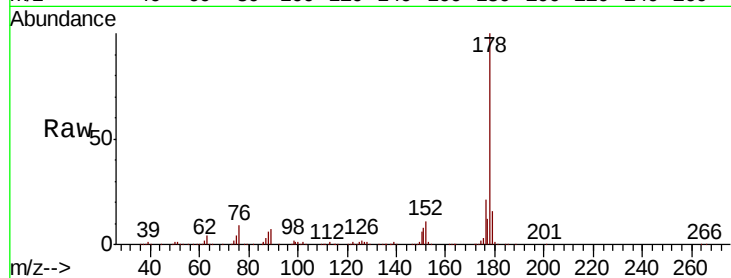




#71
Phenanthrene
Concen: 40.159 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

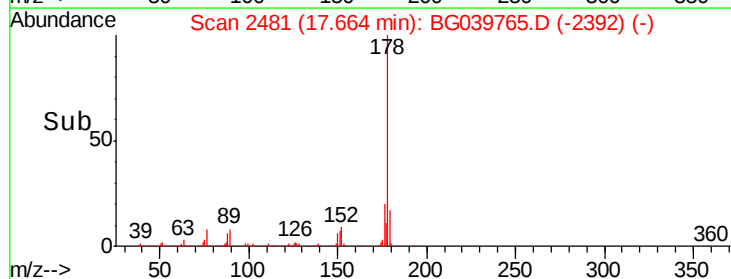
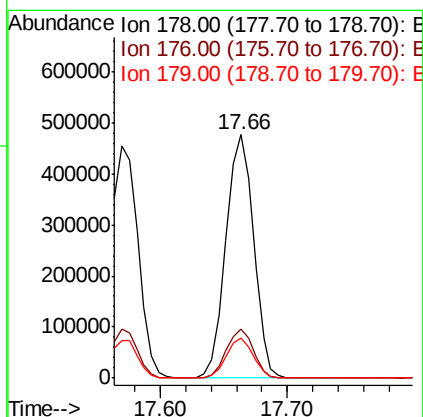
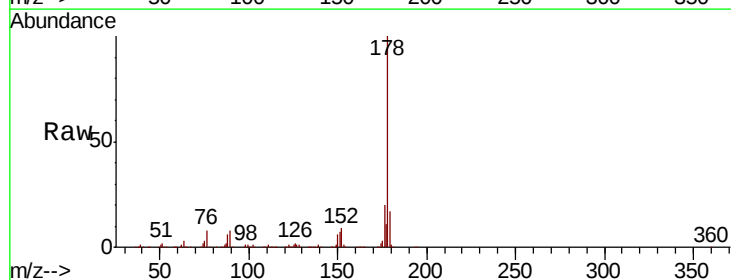
Instrument :
BNA_G
ClientSampleId :
PB117619BS

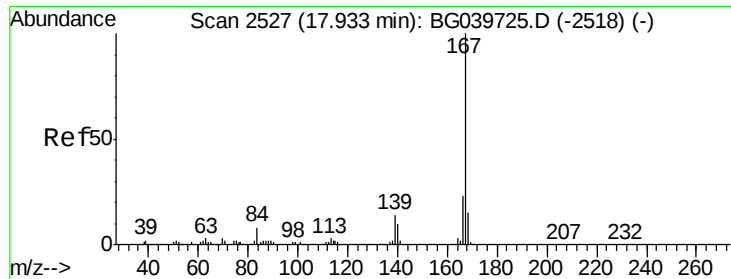
Tgt Ion:178 Resp: 709214
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 41.857 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:178 Resp: 720336
Ion Ratio Lower Upper
178 100
176 20.2 15.8 23.6
179 16.6 12.5 18.7

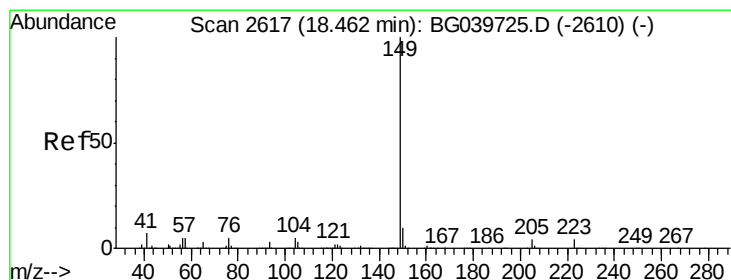
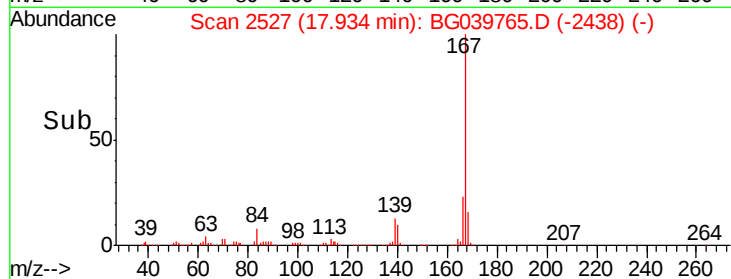
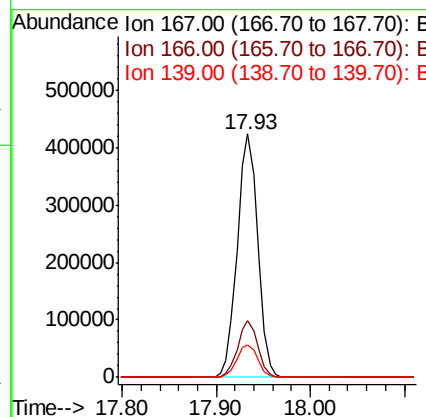
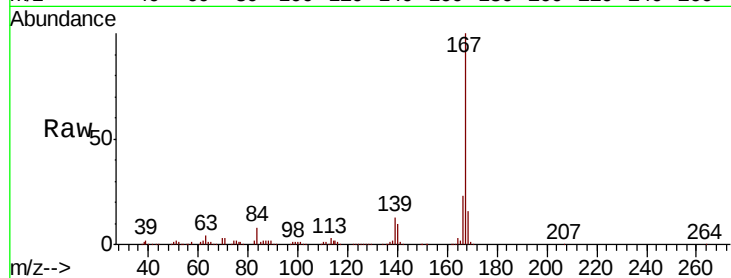




#73
 Carbazole
 Concen: 41.367 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

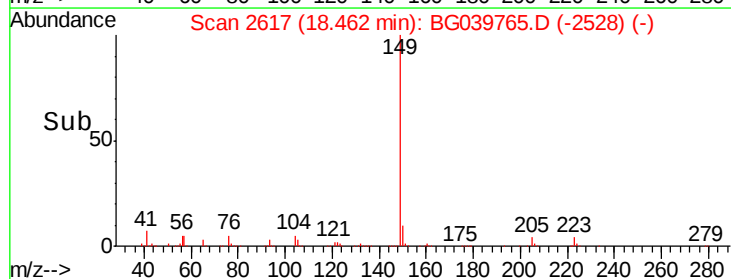
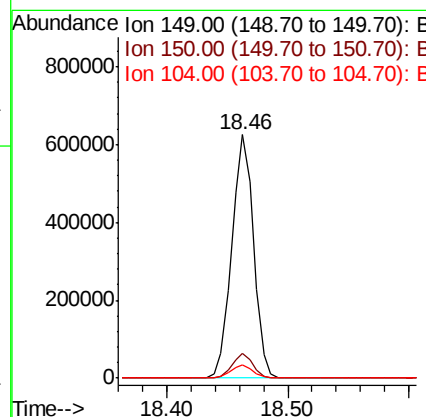
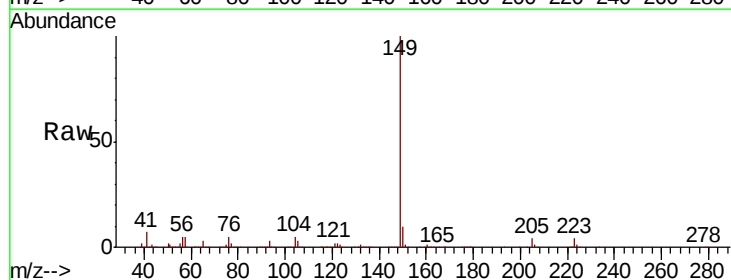
Instrument :
 BNA_G
 ClientSampleId :
 PB117619BS

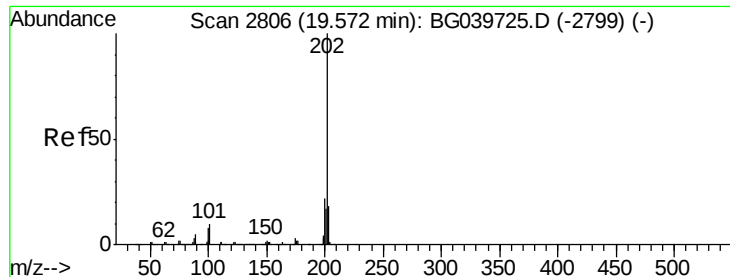
Tgt Ion:167 Resp: 641786
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.4 29.2
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.684 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BG039765.D
 Acq: 5 Mar 2019 15:27

Tgt Ion:149 Resp: 779151
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 41.461 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

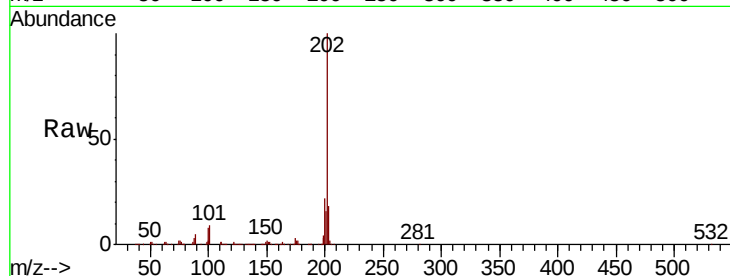
Instrument :

BNA_G

ClientSampleId :

PB117619BS

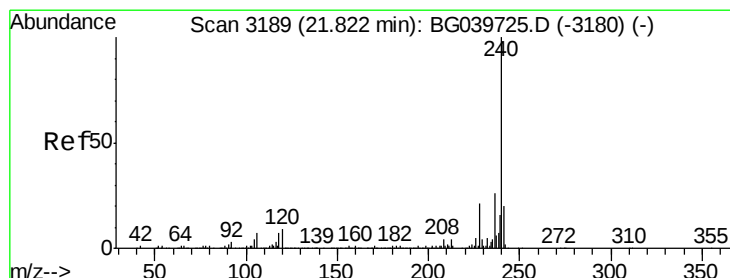
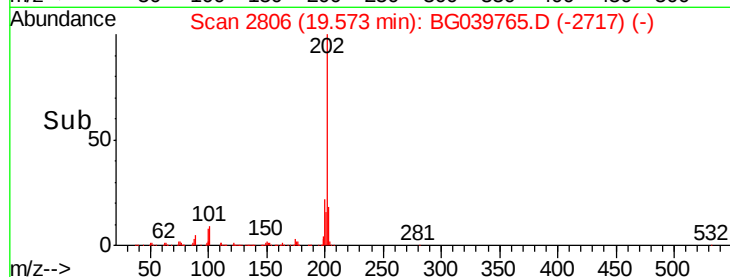
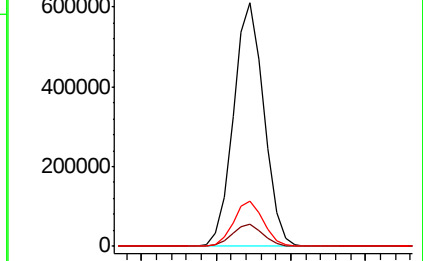
Tgt Ion:	202	Resp:	865340
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.0
203	18.5	0.0	38.9



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

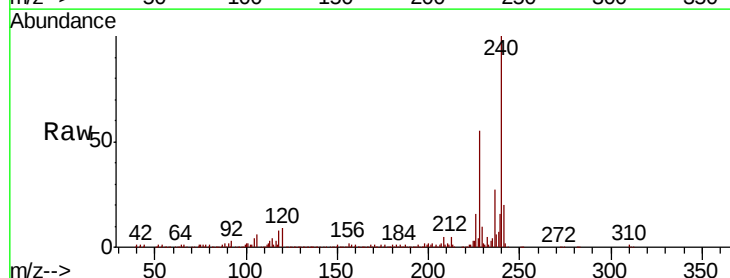
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

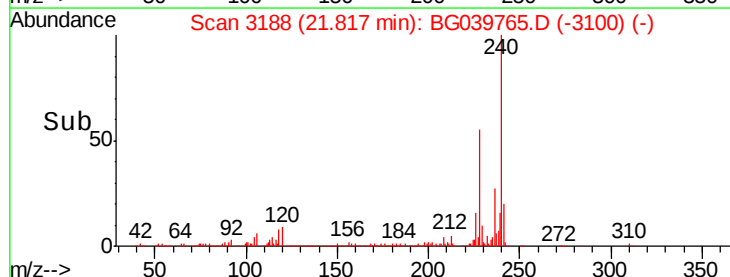
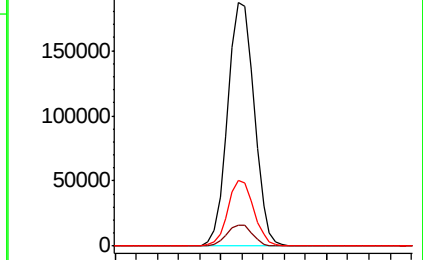
Tgt Ion:	240	Resp:	324613
Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.9	21.0	31.4

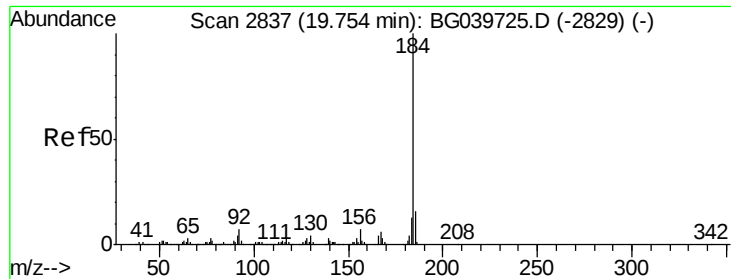


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.293 ng

RT: 19.75 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

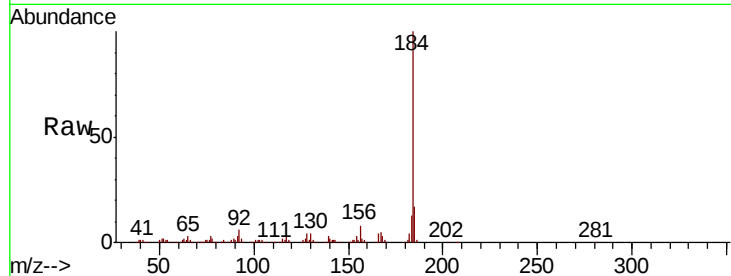
Tgt Ion:184 Resp: 394455

Ion Ratio Lower Upper

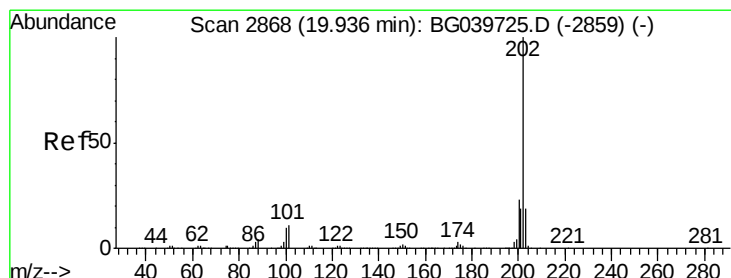
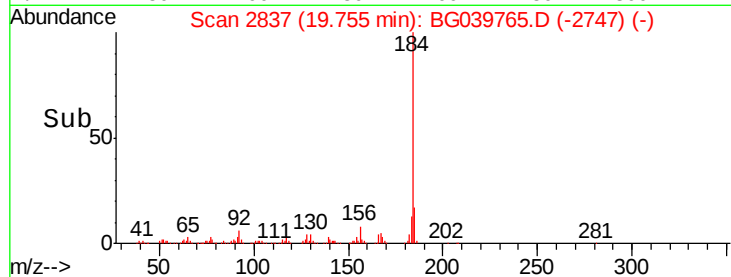
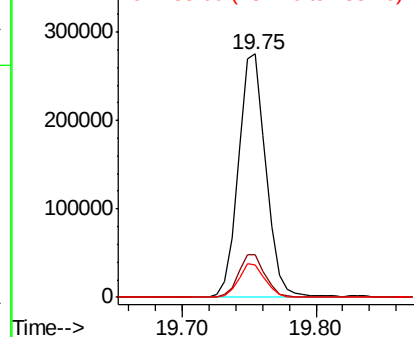
184 100

185 17.4 12.2 18.2

183 13.1 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: 40.839 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

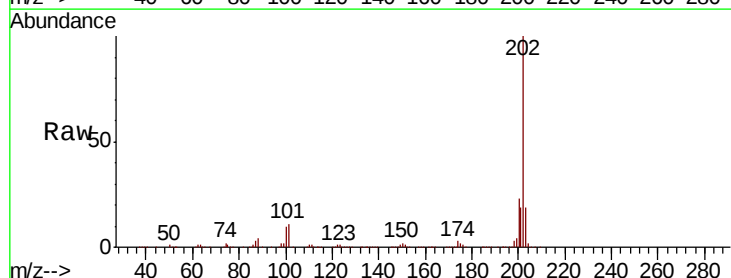
Tgt Ion:202 Resp: 861438

Ion Ratio Lower Upper

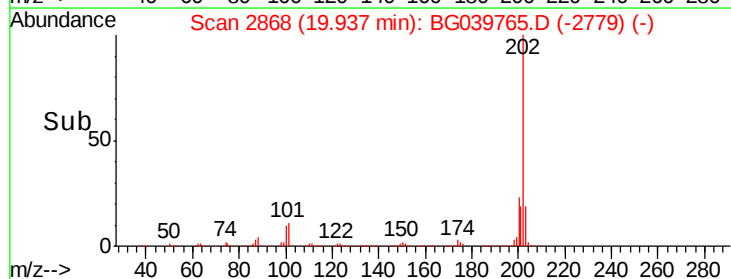
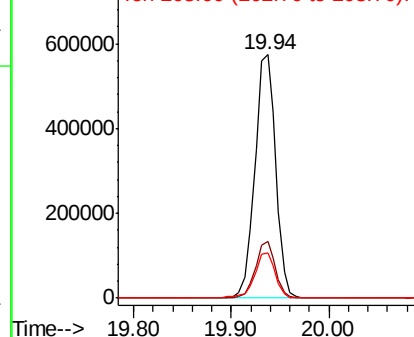
202 100

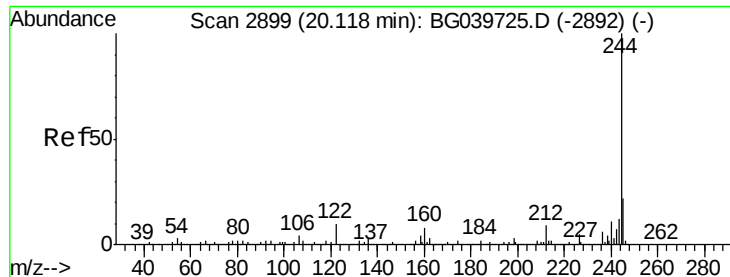
200 23.4 17.8 26.8

203 18.8 15.3 22.9



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





#79

Terphenyl-d14

Concen: 77.874 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampled :

PB117619BS

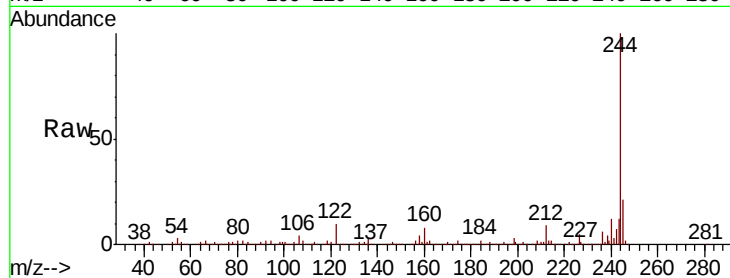
Tgt Ion:244 Resp: 1148097

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

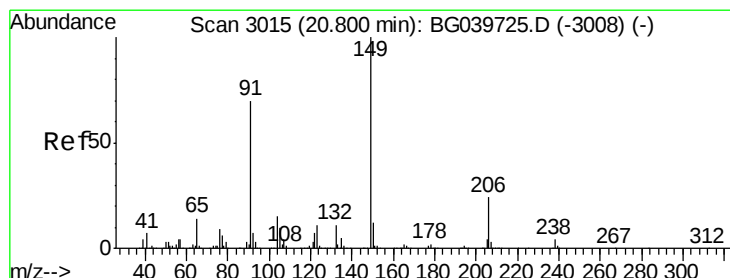
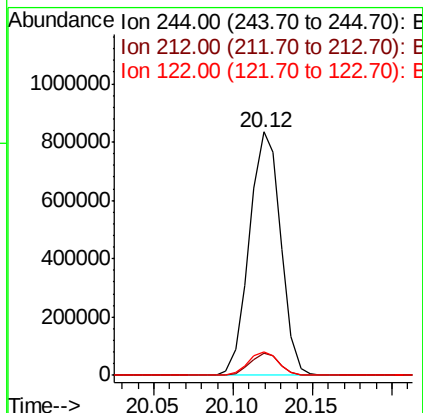
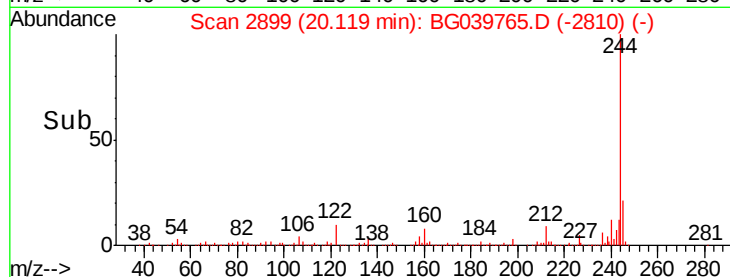
122 9.9 8.4 12.6



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: 43.723 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

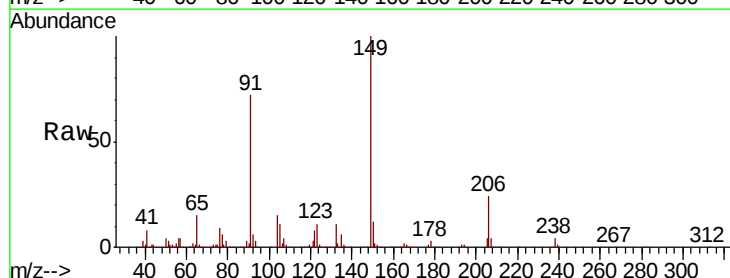
Tgt Ion:149 Resp: 357312

Ion Ratio Lower Upper

149 100

91 71.6 59.5 89.3

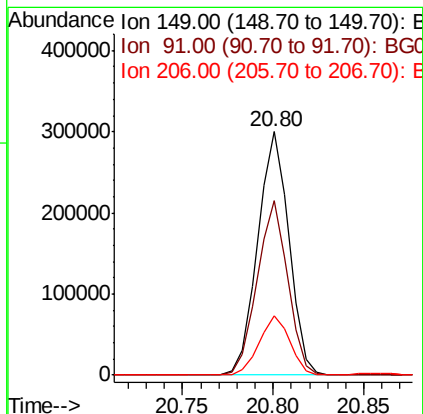
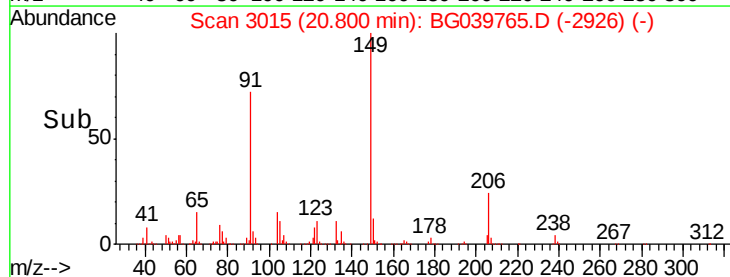
206 24.2 18.6 27.8

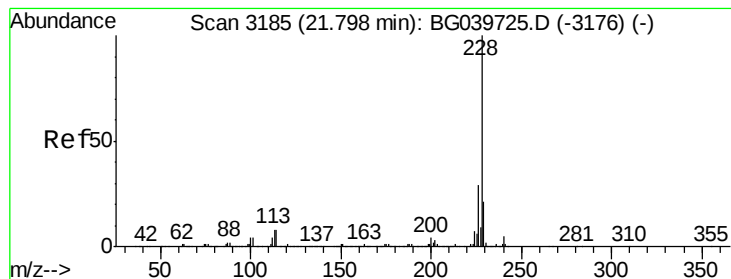


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.292 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

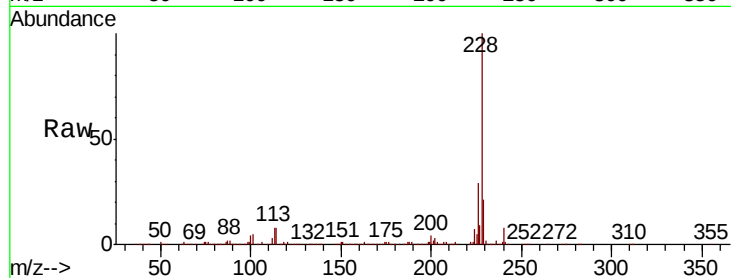
Tgt Ion:228 Resp: 819717

Ion Ratio Lower Upper

228 100

226 28.8 23.0 34.6

229 20.6 16.9 25.3

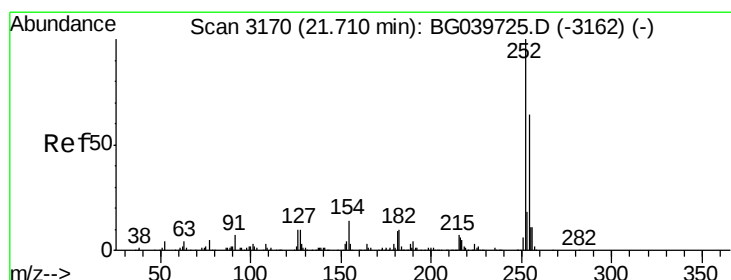
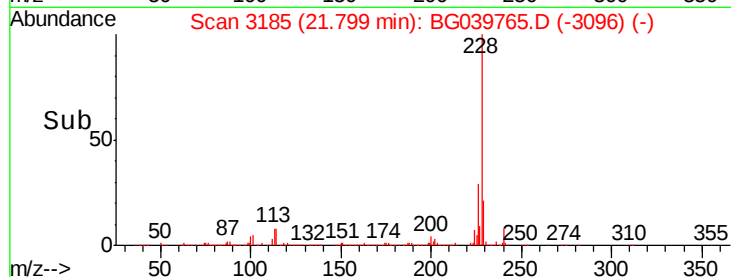
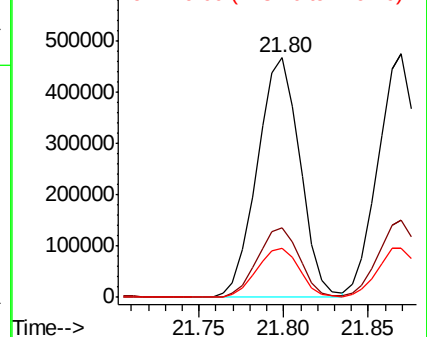


Abundance

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: 24.131 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

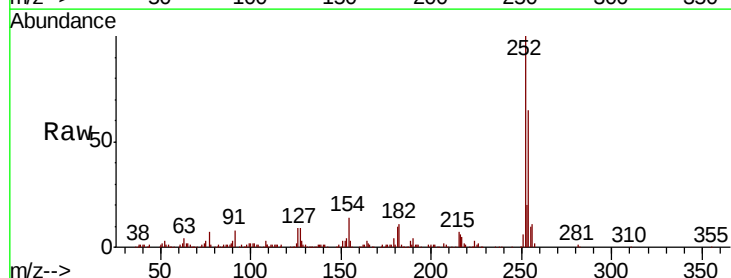
Tgt Ion:252 Resp: 179235

Ion Ratio Lower Upper

252 100

254 65.1 51.3 76.9

126 8.9 8.0 12.0

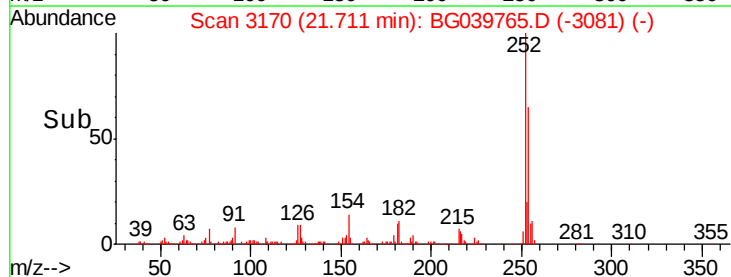
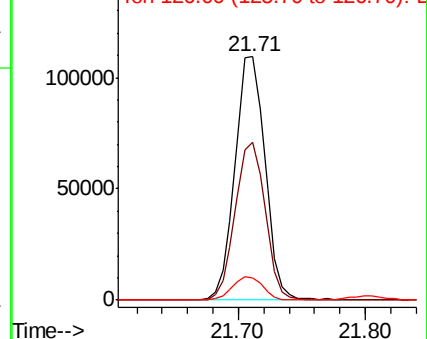


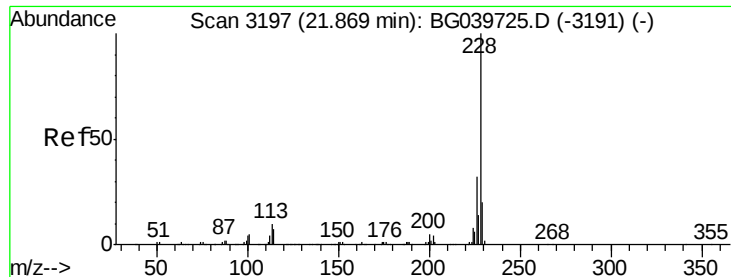
Abundance

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: 39.774 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

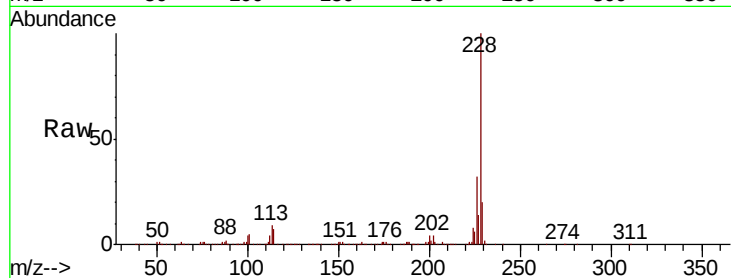
Tgt Ion:228 Resp: 784470

Ion Ratio Lower Upper

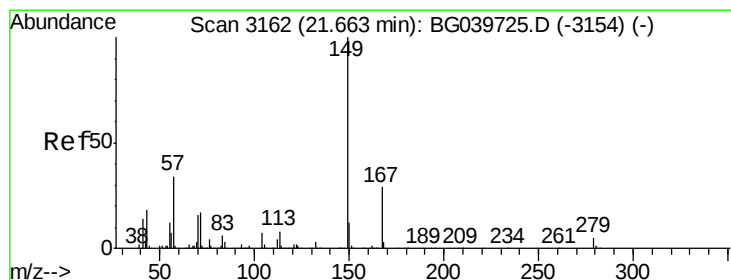
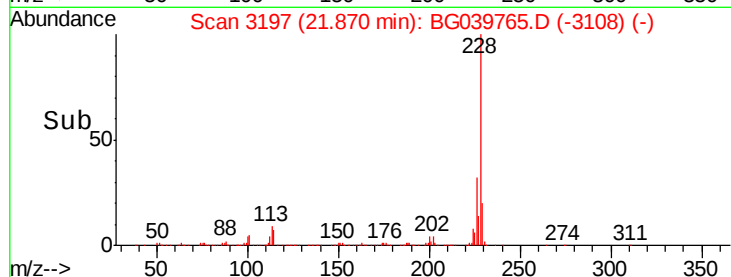
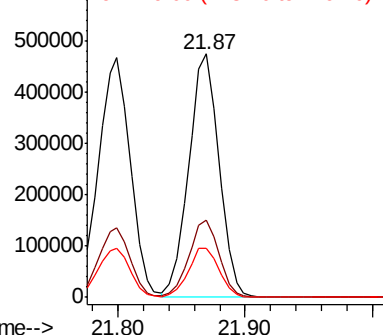
228 100

226 31.9 25.8 38.6

229 20.1 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: 43.561 ng

RT: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

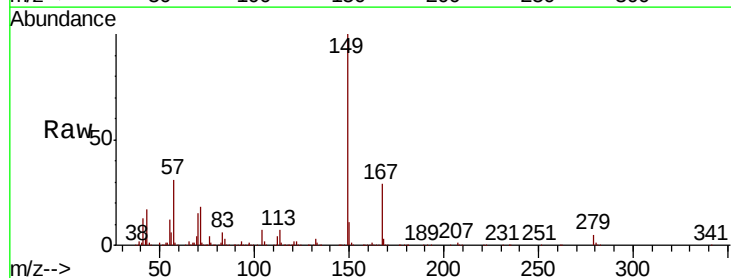
Tgt Ion:149 Resp: 500251

Ion Ratio Lower Upper

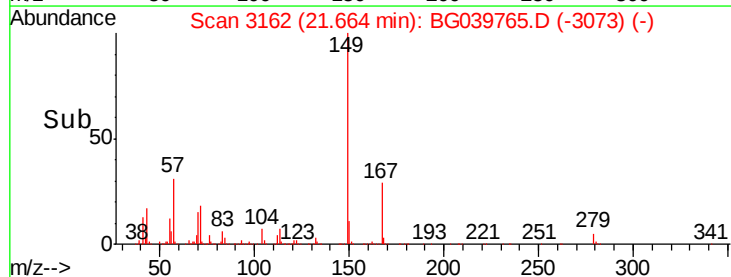
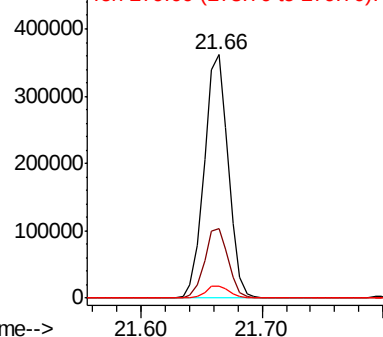
149 100

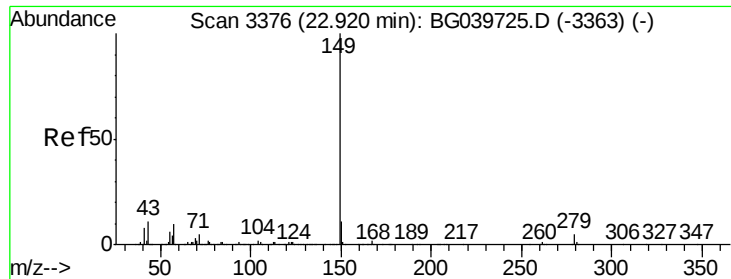
167 28.6 22.6 34.0

279 4.9 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

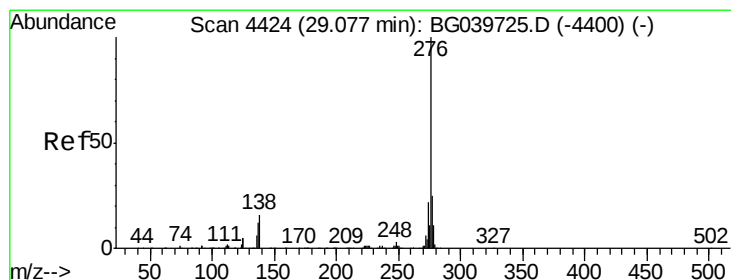
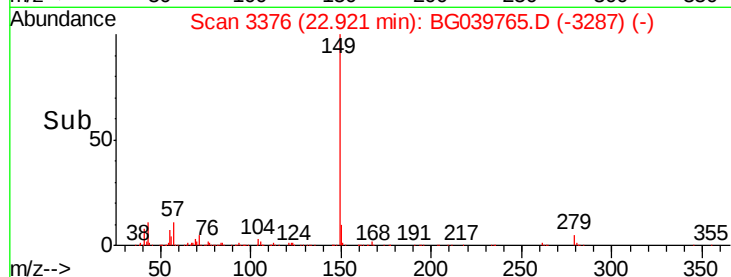
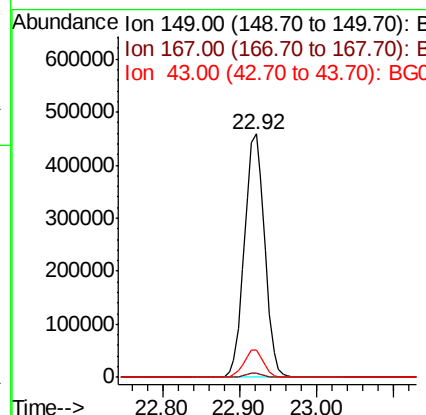
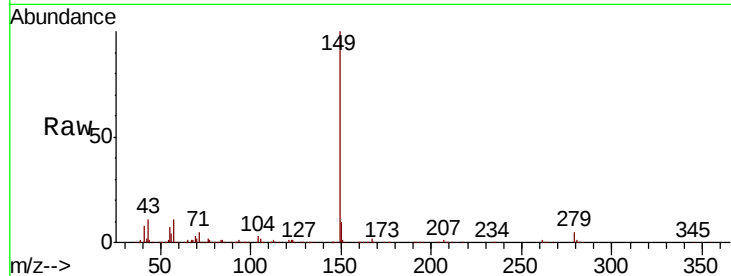




#85
Di-n-octyl phthalate
Concen: 44.428 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

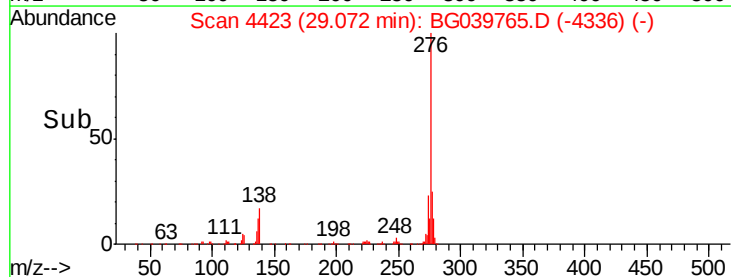
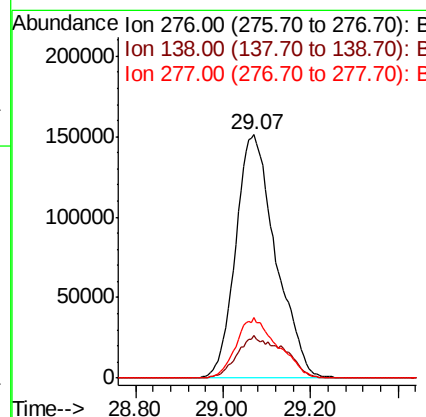
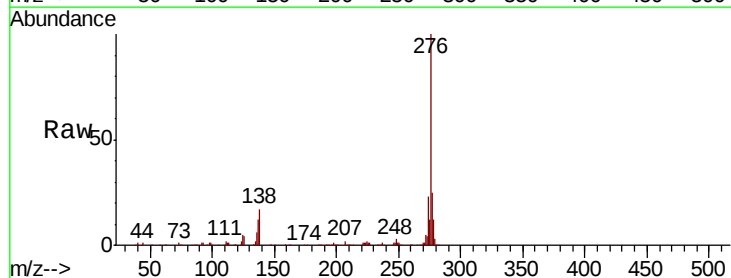
Instrument :
BNA_G
ClientSampleId :
PB117619BS

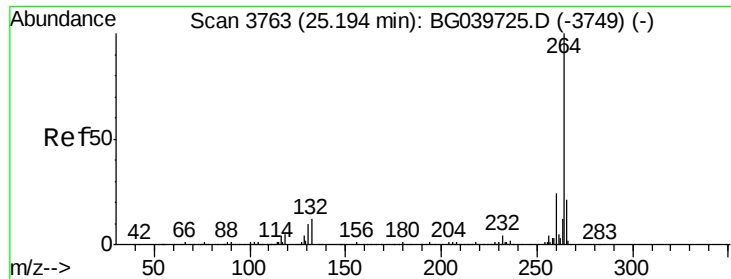
Tgt Ion:149 Resp: 844789
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.0 10.2 15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.904 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.02 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:276 Resp: 937615
Ion Ratio Lower Upper
276 100
138 20.4 12.6 19.0#
277 25.8 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

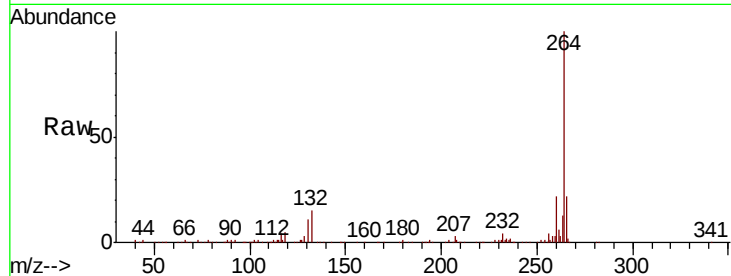
Tgt Ion:264 Resp: 328413

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

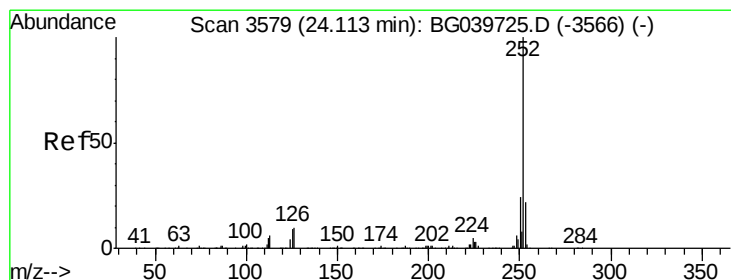
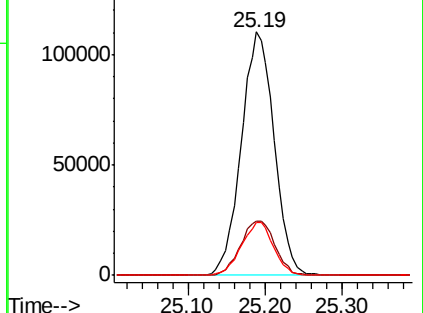
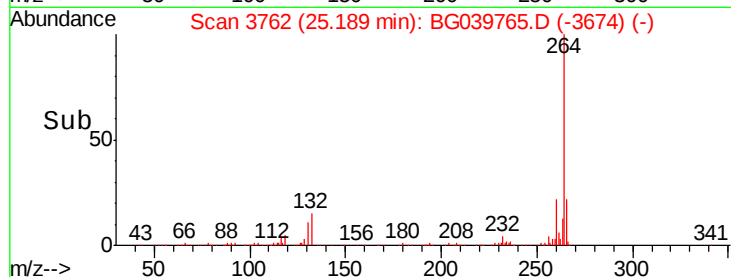
265 22.0 18.5 27.7



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: 42.181 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

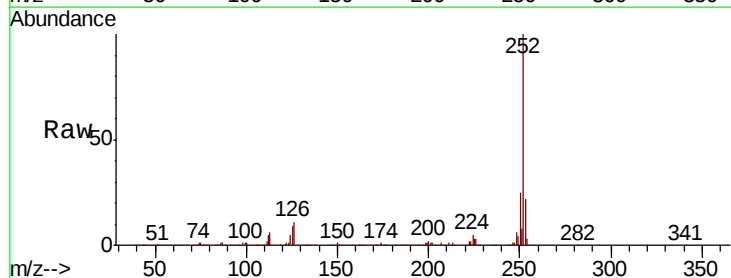
Tgt Ion:252 Resp: 826076

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

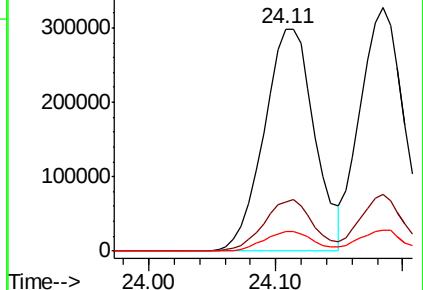
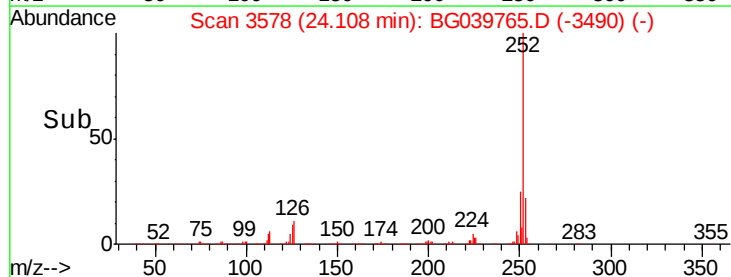
125 9.1 7.8 11.6

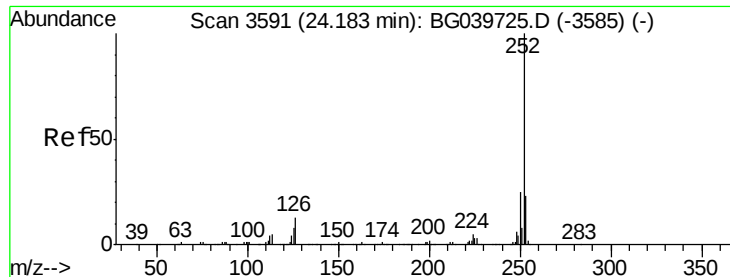


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

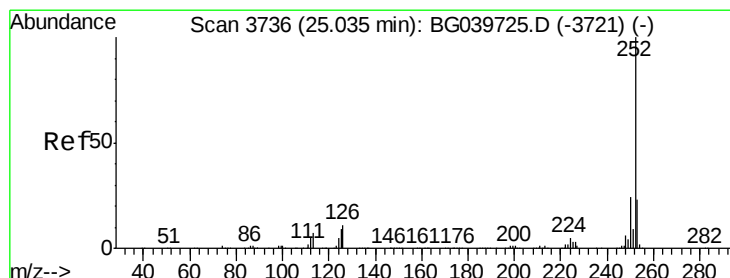
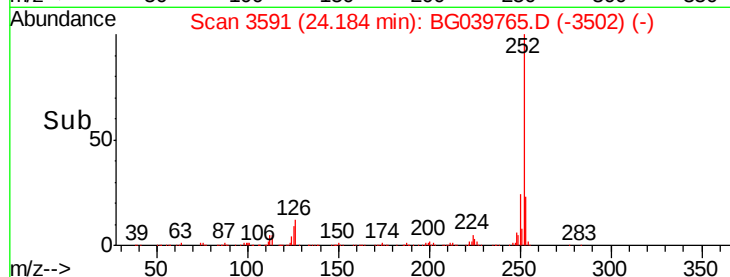
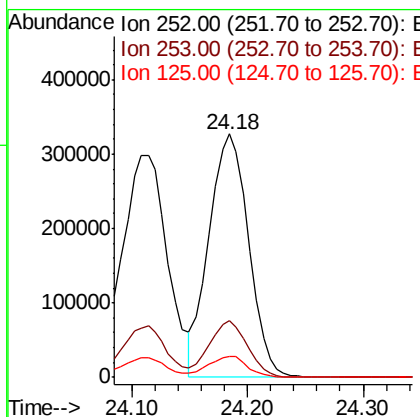
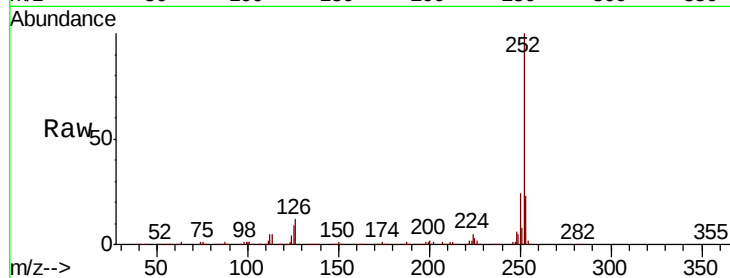




#89
Benzo(k)fluoranthene
Concen: 42.794 ng
RT: 24.18 min Scan# 3591
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

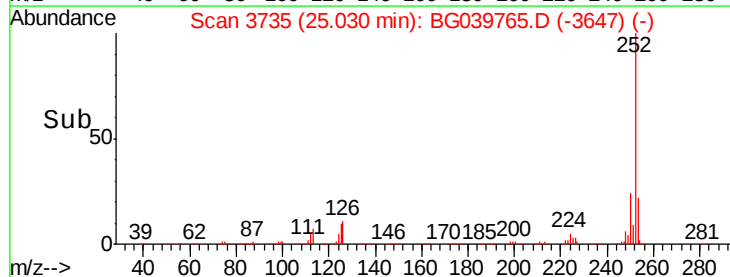
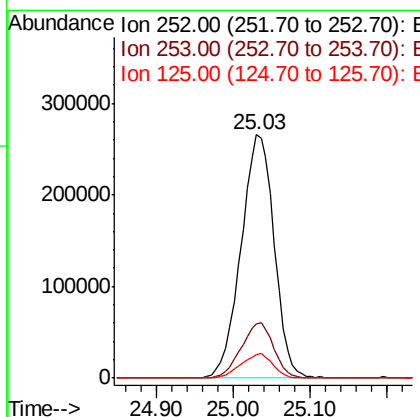
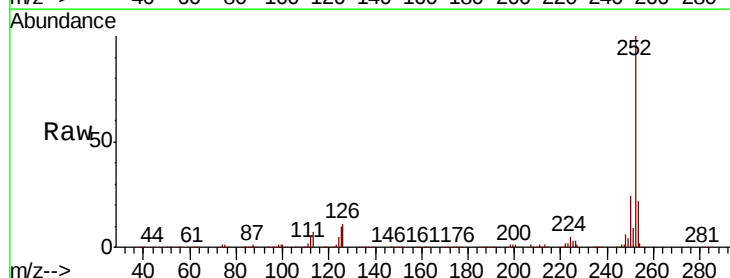
Instrument :
BNA_G
ClientSampleId :
PB117619BS

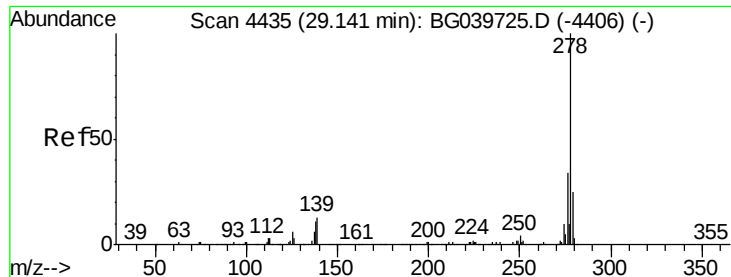
Tgt Ion:252 Resp: 780117
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 44.144 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039765.D
Acq: 5 Mar 2019 15:27

Tgt Ion:252 Resp: 798861
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.778 ng

RT: 29.14 min Scan# 4435

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

Instrument :

BNA_G

ClientSampleId :

PB117619BS

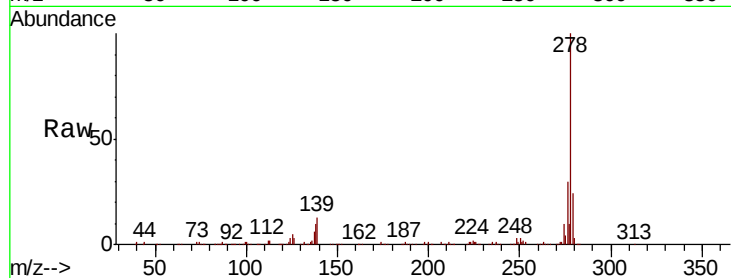
Tgt Ion:278 Resp: 758939

Ion Ratio Lower Upper

278 100

139 13.1 11.7 17.5

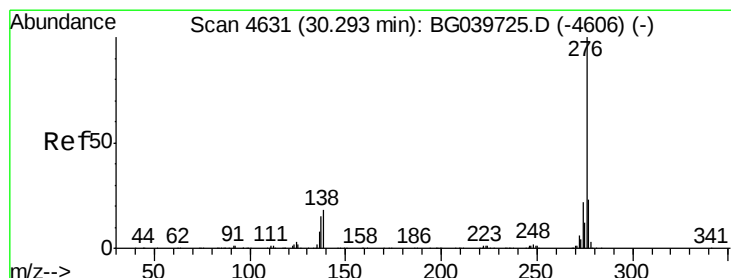
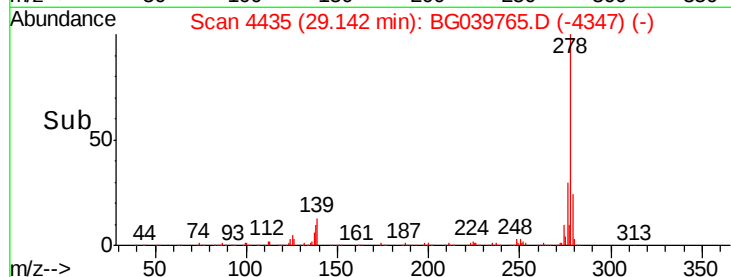
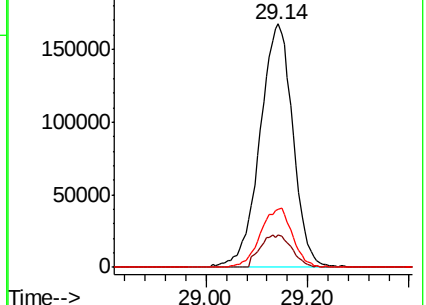
279 23.9 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.445 ng

RT: 30.31 min Scan# 4633

Delta R.T. -0.01 min

Lab File: BG039765.D

Acq: 5 Mar 2019 15:27

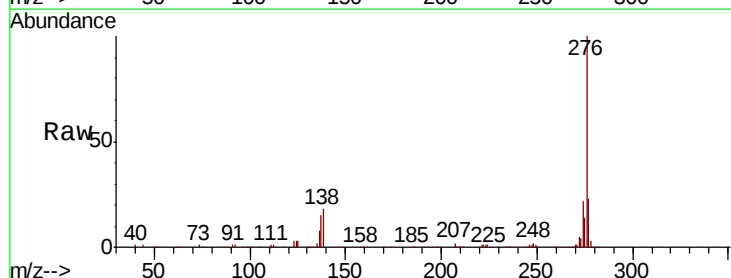
Tgt Ion:276 Resp: 774093

Ion Ratio Lower Upper

276 100

277 23.4 19.6 29.4

138 17.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

