

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039877.D
 Acq On : 12 Mar 2019 16:54
 Operator : JU/SJ
 Sample : PB117829BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Quant Time: Mar 13 05:48:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36058	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	156288	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	112344	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	287074	20.00	ng	0.00
76) Chrysene-d12	21.82	240	296367	20.00	ng	0.00
87) Perylene-d12	25.18	264	277119	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	310222	146.78	ng	0.00
7) Phenol-d6	7.30	99	439866	139.57	ng	0.00
23) Nitrobenzene-d5	9.33	82	231816	80.22	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	181611	138.69	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	585835	74.25	ng	0.00
79) Terphenyl-d14	20.12	244	1050418	78.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39867	40.856	ng	96
3) Pyridine	3.99	79	98506	37.708	ng	98
4) n-Nitrosodimethylamine	3.91	42	53039	42.798	ng	91
6) Aniline	7.48	93	119246	28.881	ng	99
8) 2-Chlorophenol	7.71	128	110462	43.079	ng	99
9) Benzaldehyde	7.29	77	49857	24.525	ng	97
10) Phenol	7.33	94	156233	45.762	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	105645	39.689	ng	96
12) 1,3-Dichlorobenzene	8.04	146	115629	39.872	ng	97
13) 1,4-Dichlorobenzene	8.19	146	117374	39.735	ng	98
14) 1,2-Dichlorobenzene	8.51	146	111517	39.073	ng	98
15) Benzyl Alcohol	8.39	79	107455	42.983	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	206451	38.779	ng	97
17) 2-Methylphenol	8.59	107	99609	45.756	ng	98
18) Hexachloroethane	9.24	117	40689	38.389	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	85767	37.810	ng	94
20) 3+4-Methylphenols	8.91	107	136137	45.015	ng	98
22) Acetophenone	8.98	105	164411	39.195	ng	# 95
24) Nitrobenzene	9.37	77	130222	42.956	ng	98
25) Isophorone	9.88	82	247307	40.844	ng	99
26) 2-Nitrophenol	10.08	139	64892	44.335	ng	# 94
27) 2,4-Dimethylphenol	10.13	122	118648	52.121	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	149519	40.635	ng	100
29) 2,4-Dichlorophenol	10.61	162	125146	48.828	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	119580	41.463	ng	99
31) Naphthalene	11.02	128	345107	41.706	ng	99
32) Benzoic acid	10.26	122	67103	43.629	ng	98
33) 4-Chloroaniline	11.14	127	88404	25.195	ng	92
34) Hexachlorobutadiene	11.29	225	78009	39.582	ng	93
35) Caprolactam	11.92	113	29270	29.896	ng	95
36) 4-Chloro-3-methylphenol	12.23	107	136837	46.575	ng	99
37) 2-Methylnaphthalene	12.62	142	268584	43.415	ng	97
38) 1-Methylnaphthalene	12.83	142	254129	42.270	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146695	38.544	ng	98

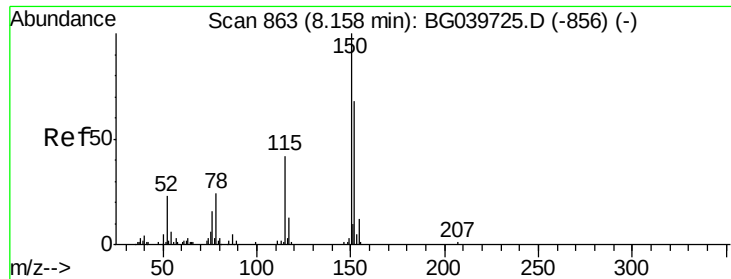
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039877.D
 Acq On : 12 Mar 2019 16:54
 Operator : JU/SJ
 Sample : PB117829BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Quant Time: Mar 13 05:48:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	174380	85.496	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	102553	46.025	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	113161	45.056	ng	99
46) 1,1'-Biphenyl	13.61	154	363291	39.317	ng	99
47) 2-Chloronaphthalene	13.67	162	280436	40.343	ng	98
48) 2-Nitroaniline	13.87	65	101128	45.269	ng	95
49) Acenaphthylene	14.51	152	460514	40.356	ng	98
50) Dimethylphthalate	14.23	163	379204	40.366	ng	99
51) 2,6-Dinitrotoluene	14.36	165	85901	43.134	ng	92
52) Acenaphthene	14.84	154	278128	40.495	ng	100
53) 3-Nitroaniline	14.69	138	59300	29.622	ng	# 98
54) 2,4-Dinitrophenol	14.90	184	90823	72.821	ng	98
55) Dibenzofuran	15.18	168	461508	40.956	ng	100
56) 4-Nitrophenol	14.99	139	155011	86.559	ng	91
57) 2,4-Dinitrotoluene	15.14	165	123689	44.202	ng	# 91
58) Fluorene	15.82	166	368543	41.603	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115189	46.961	ng	97
60) Diethylphthalate	15.58	149	387816	41.703	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	192879	40.802	ng	99
62) 4-Nitroaniline	15.86	138	91898	42.344	ng	98
63) Azobenzene	16.11	77	356460	42.286	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69416	40.896	ng	98
66) n-Nitrosodiphenylamine	16.03	169	340264	40.942	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	126570	39.389	ng	95
68) Hexachlorobenzene	16.82	284	132289	39.717	ng	98
69) Atrazine	16.97	200	137403	42.008	ng	98
70) Pentachlorophenol	17.16	266	165577	78.712	ng	97
71) Phenanthrene	17.57	178	630867	39.897	ng	99
72) Anthracene	17.66	178	635279	41.228	ng	99
73) Carbazole	17.93	167	570307	41.055	ng	99
74) Di-n-butylphthalate	18.45	149	696487	42.614	ng	99
75) Fluoranthene	19.57	202	778283	41.647	ng	99
77) Benzidine	19.75	184	279350	29.704	ng	100
78) Pyrene	19.93	202	782241	40.619	ng	100
80) Butylbenzylphthalate	20.79	149	328024	43.965	ng	95
81) Benzo(a)anthracene	21.79	228	746322	40.181	ng	98
82) 3,3'-Dichlorobenzidine	21.70	252	184331	27.182	ng	98
83) Chrysene	21.86	228	720182	39.994	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	456554	43.545	ng	100
85) Di-n-octyl phthalate	22.91	149	777575	44.791	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	823882	40.331	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	737620	44.636	ng	98
89) Benzo(k)fluoranthene	24.18	252	727329	47.283	ng	98
90) Benzo(a)pyrene	25.02	252	716882	46.947	ng	99
91) Dibenzo(a,h)anthracene	29.12	278	676861	45.214	ng	98
92) Benzo(g,h,i)perylene	30.28	276	680221	45.243	ng	95

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

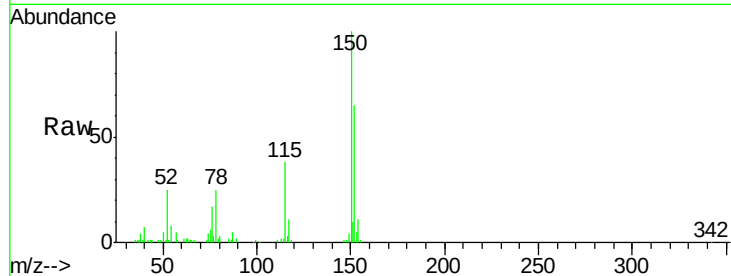


#1

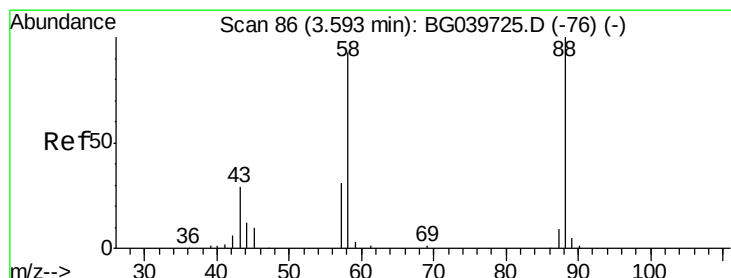
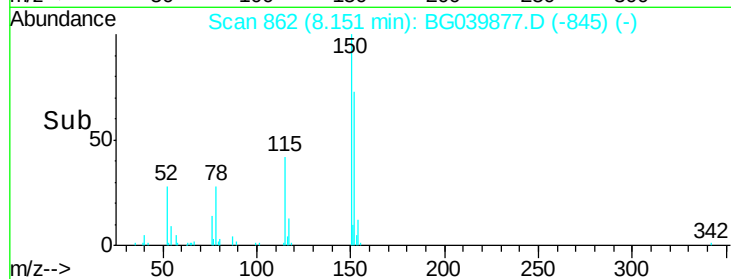
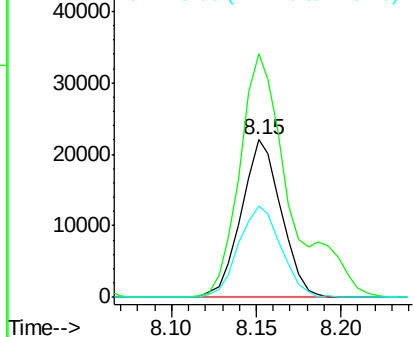
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tgt Ion: 152 Resp: 36058
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.7 185.5
 115 58.2 45.9 68.9



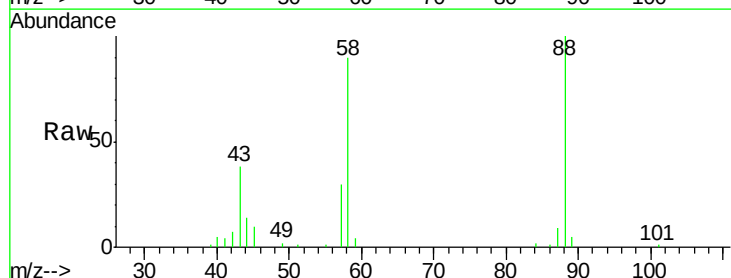
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



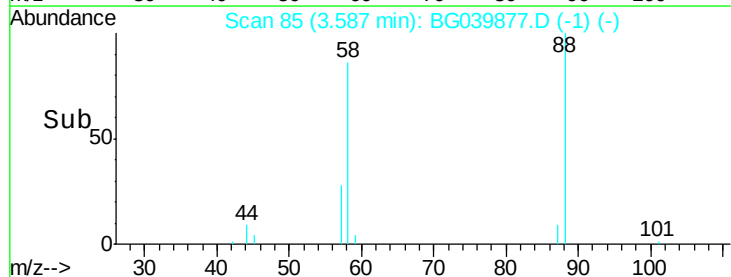
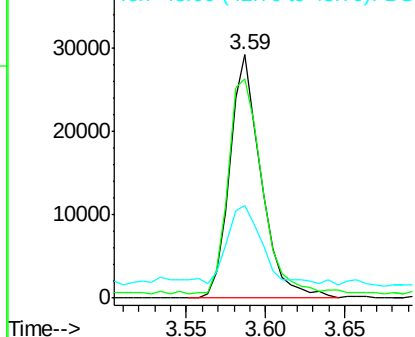
#2

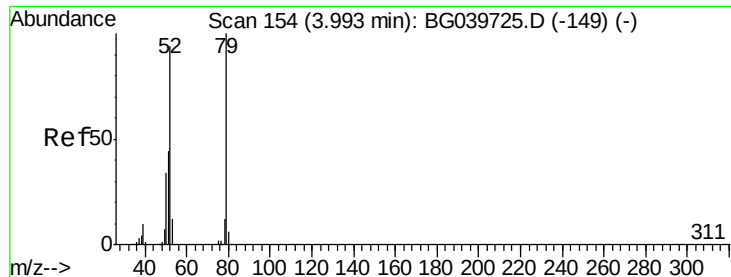
1,4-Dioxane
 Concen: 40.856 ng
 RT: 3.59 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion: 88 Resp: 39867
 Ion Ratio Lower Upper
 88 100
 58 97.6 81.1 121.7
 43 36.6 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: 37.708 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

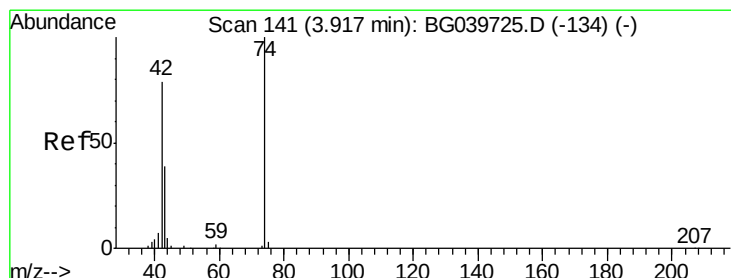
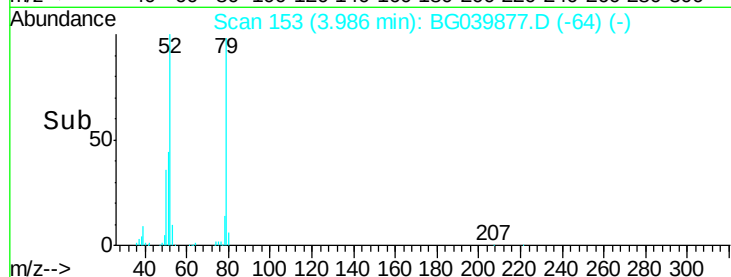
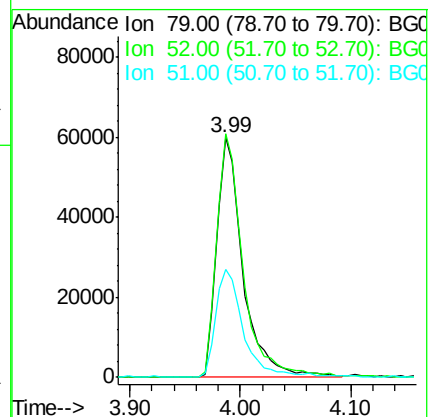
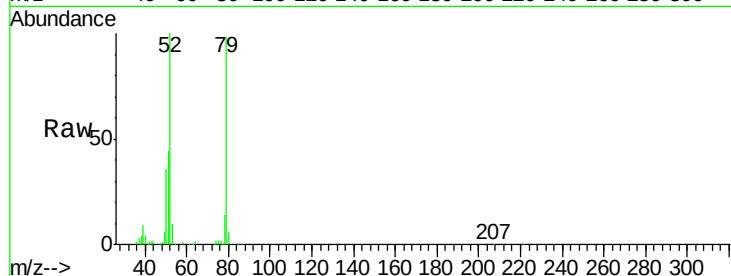
Tgt Ion: 79 Resp: 98506

Ion Ratio Lower Upper

79 100

52 101.6 82.6 124.0

51 45.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.798 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

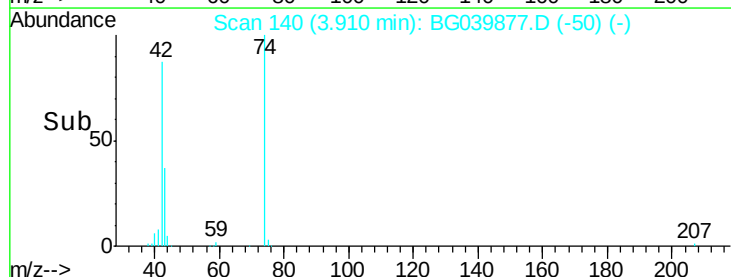
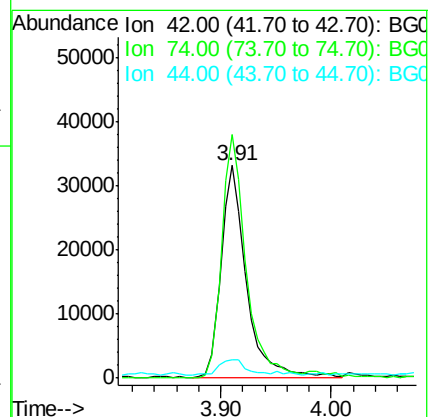
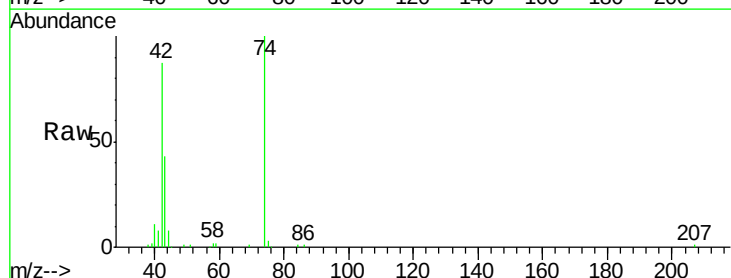
Tgt Ion: 42 Resp: 53039

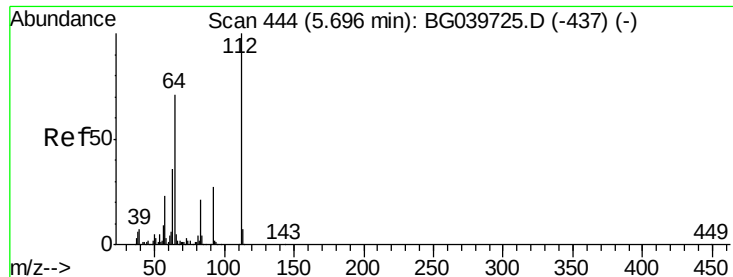
Ion Ratio Lower Upper

42 100

74 114.5 83.6 125.4

44 8.7 6.9 10.3





#5

2-Fluorophenol

Concen: 146.775 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

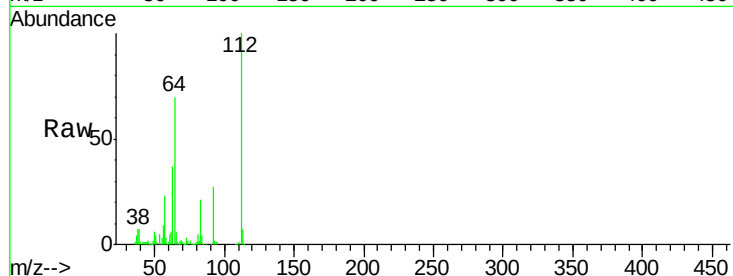
Tgt Ion: 112 Resp: 310222

Ion Ratio Lower Upper

112 100

64 70.2 57.8 86.8

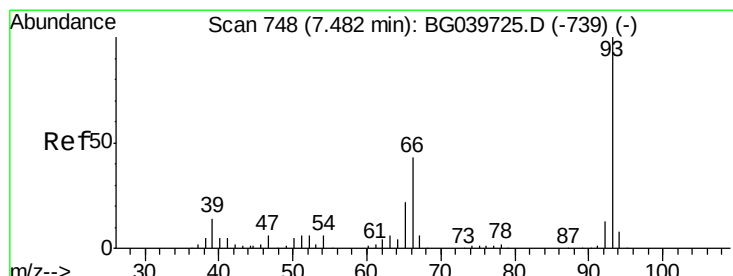
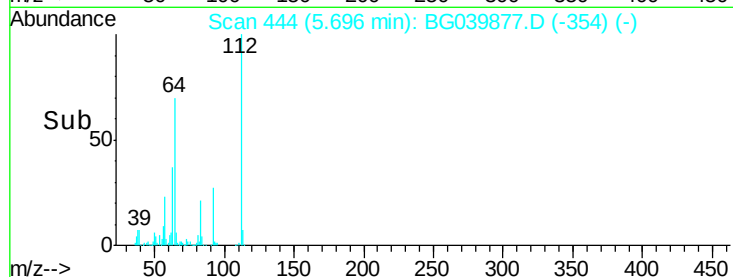
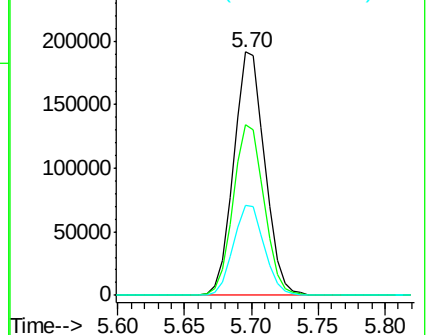
63 36.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.881 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

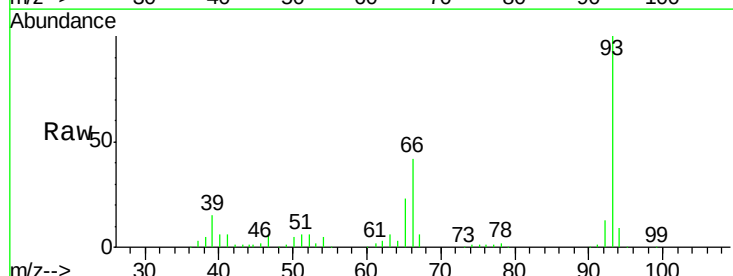
Tgt Ion: 93 Resp: 119246

Ion Ratio Lower Upper

93 100

66 42.0 34.2 51.4

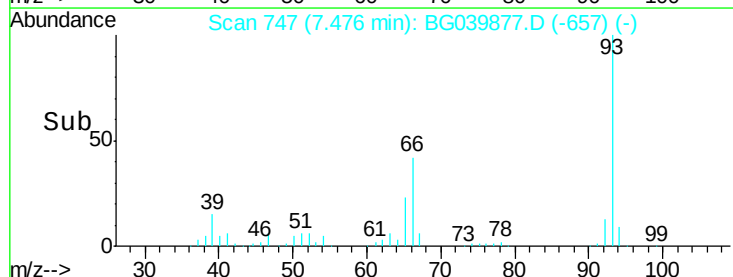
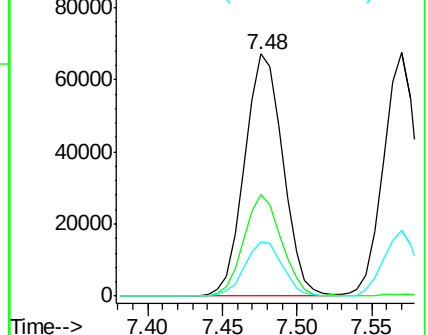
65 22.6 17.7 26.5

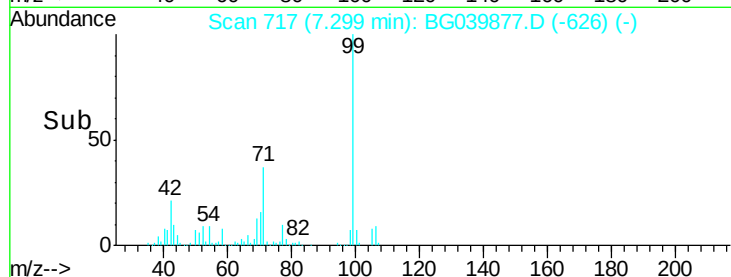
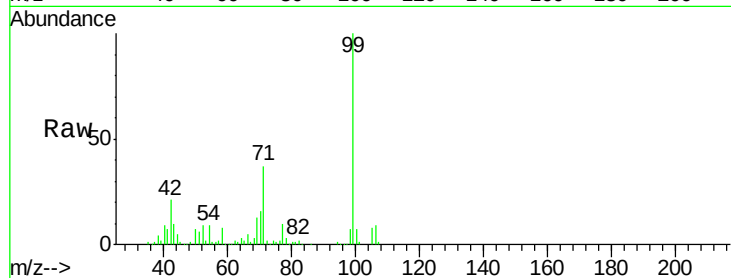
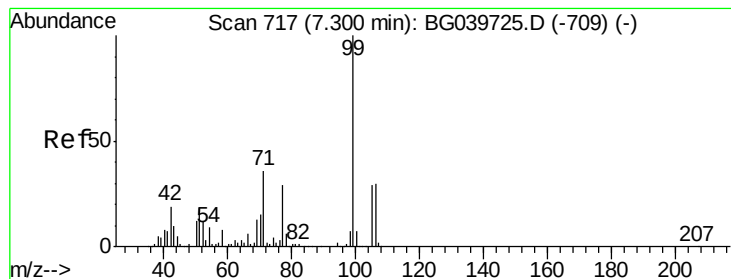


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.574 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

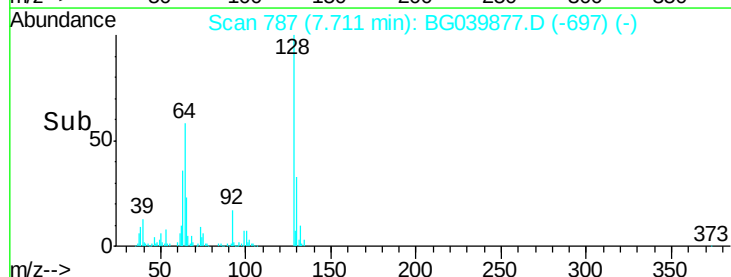
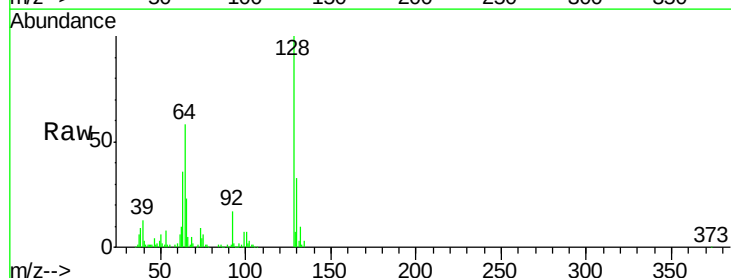
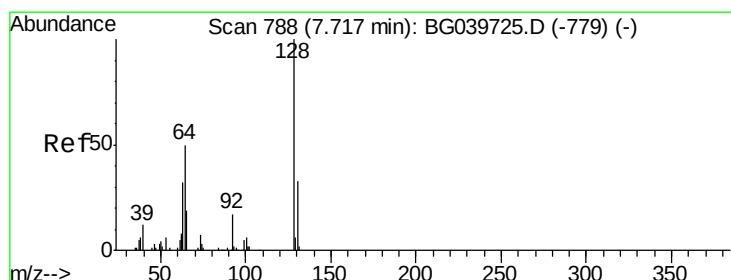
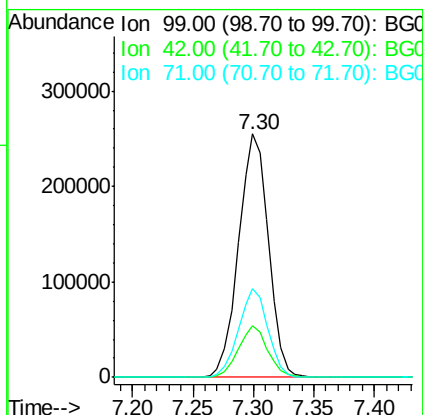
Tgt Ion: 99 Resp: 439866

Ion Ratio Lower Upper

99 100

42 21.3 18.2 27.2

71 36.7 28.0 42.0



#8

2-Chlorophenol

Concen: 43.079 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

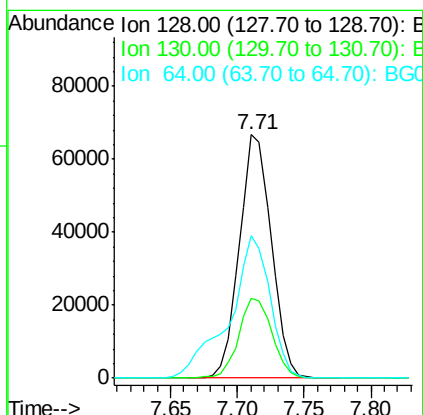
Tgt Ion: 128 Resp: 110462

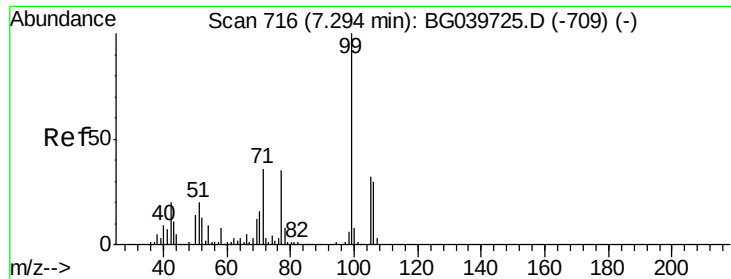
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 58.3 38.7 78.7





#9

Benzaldehyde

Concen: 24.525 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

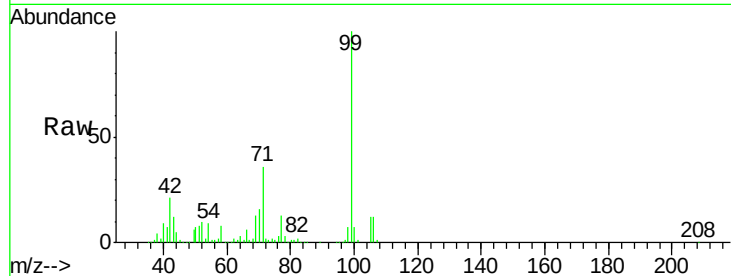
Tgt Ion: 77 Resp: 49857

Ion Ratio Lower Upper

77 100

105 93.3 74.5 114.5

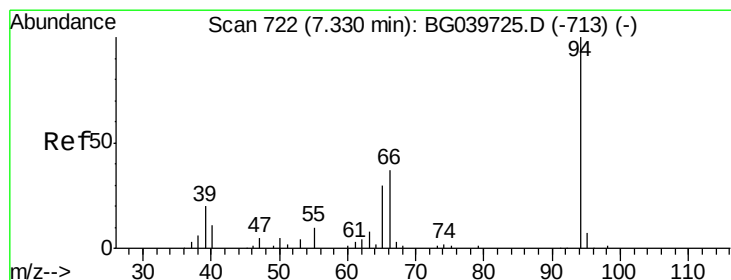
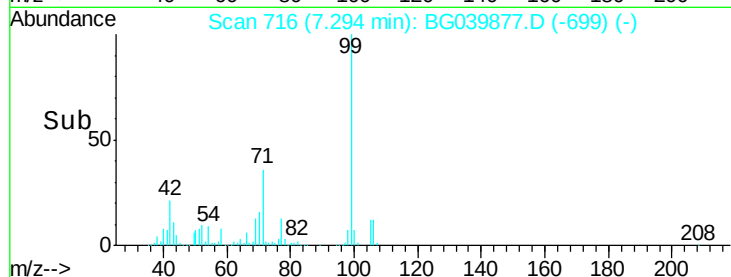
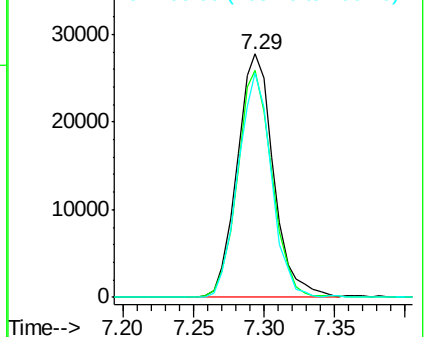
106 92.3 68.0 108.0



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: 45.762 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

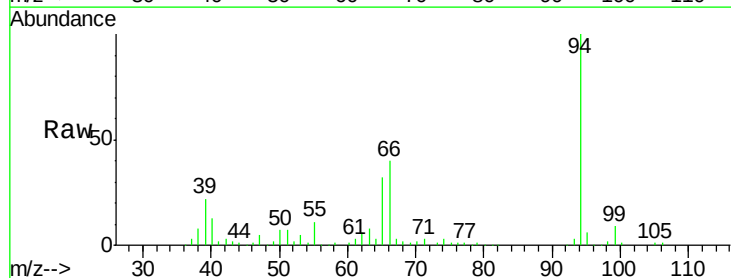
Tgt Ion: 94 Resp: 156233

Ion Ratio Lower Upper

94 100

65 32.1 11.7 51.7

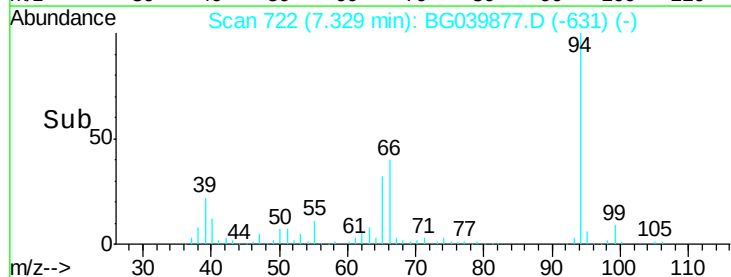
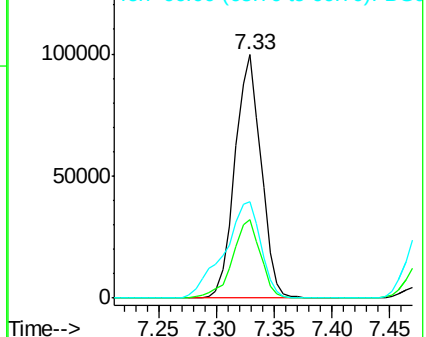
66 39.6 23.7 63.7

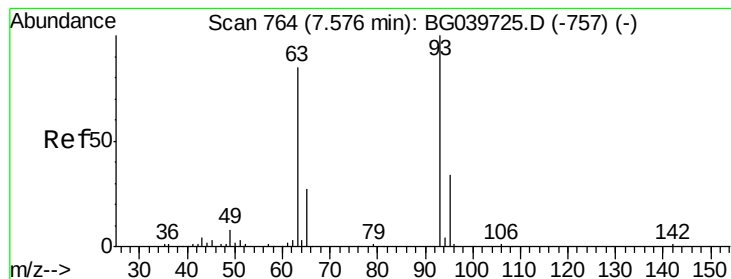


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.689 ng

RT: 7.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

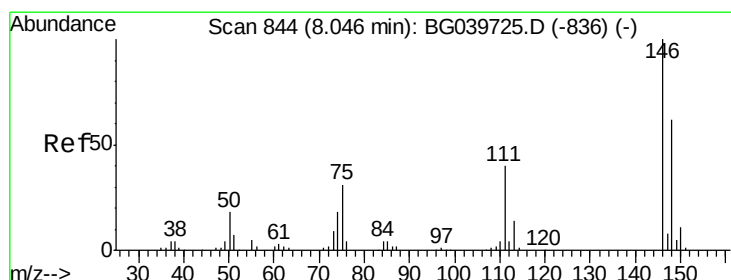
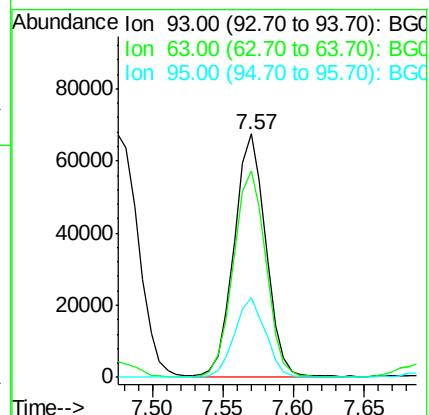
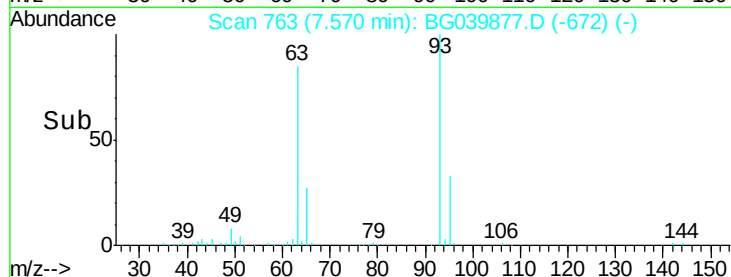
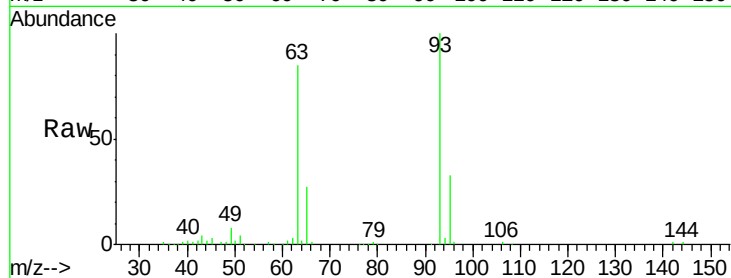
Tgt Ion: 93 Resp: 105645

Ion Ratio Lower Upper

93 100

63 84.9 69.5 109.5

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.872 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

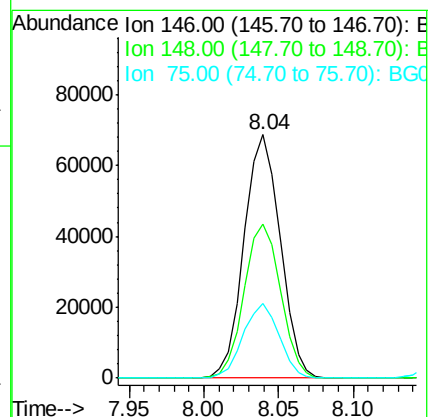
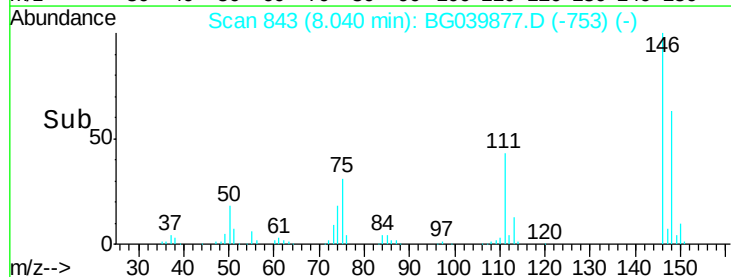
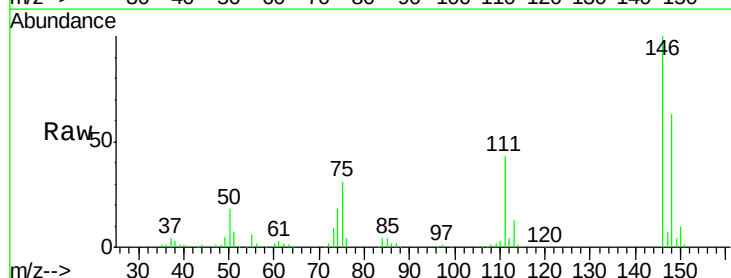
Tgt Ion: 146 Resp: 115629

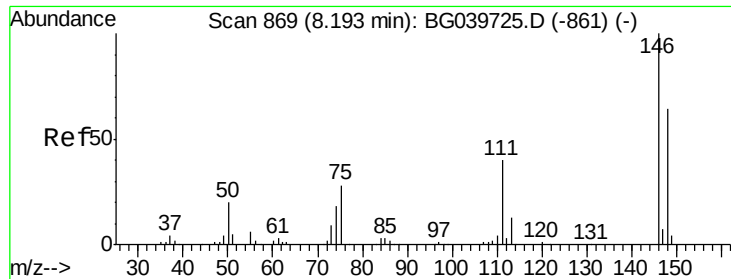
Ion Ratio Lower Upper

146 100

148 63.0 52.6 79.0

75 30.7 25.8 38.6

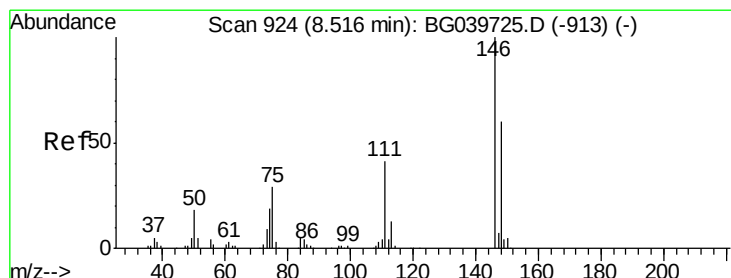
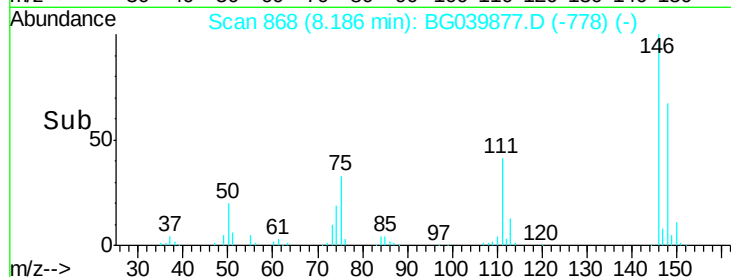
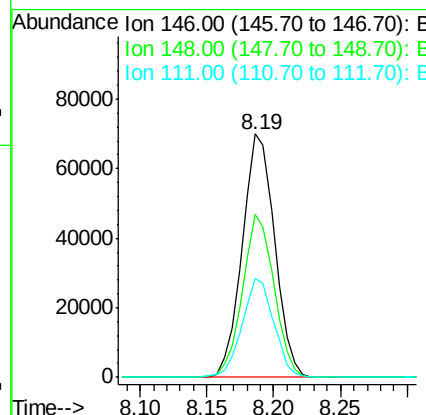
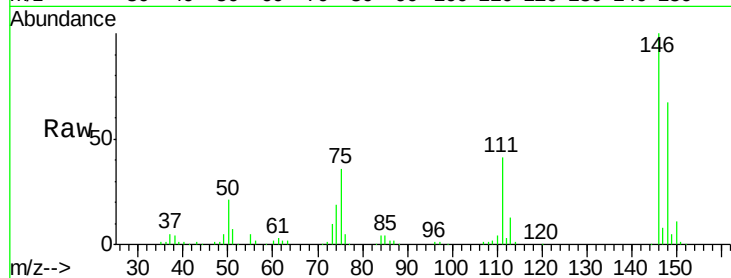




#13
 1,4-Dichlorobenzene
 Concen: 39.735 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

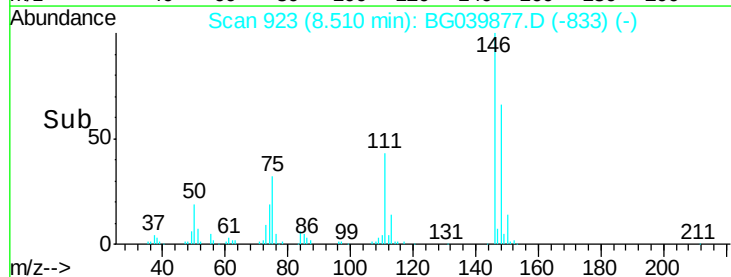
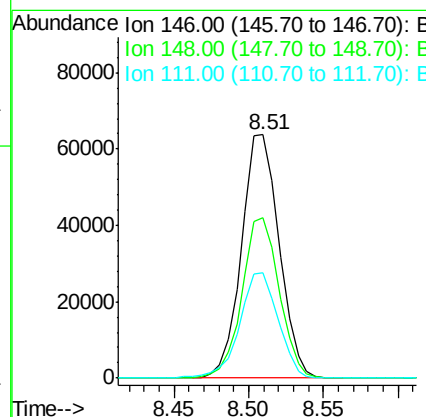
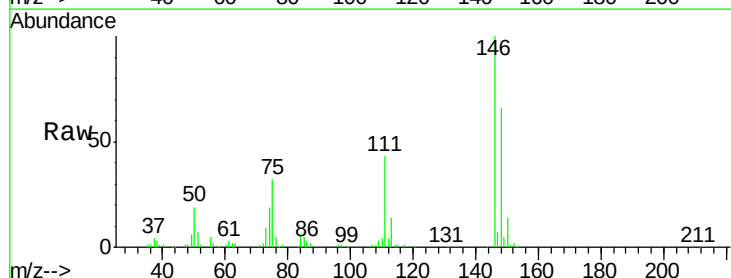
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

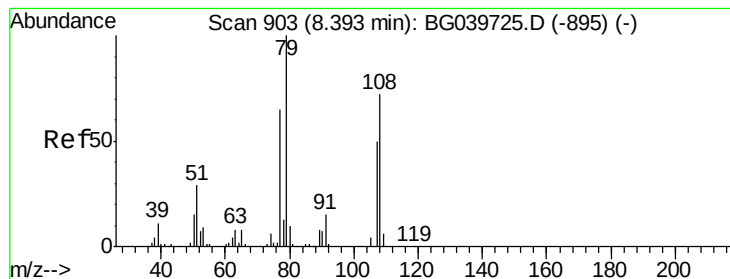
Tgt Ion:146 Resp: 117374
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.1 76.7
 111 40.8 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 39.073 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion:146 Resp: 111517
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.5 77.3
 111 43.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.983 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

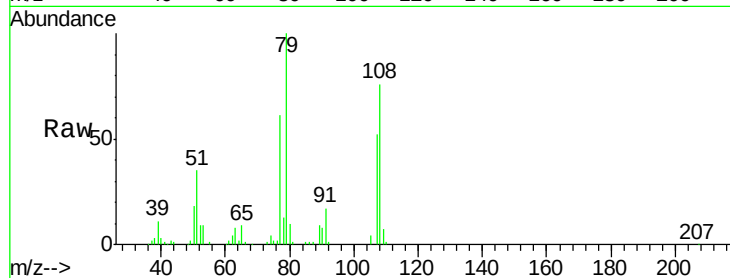
Tgt Ion: 79 Resp: 107455

Ion Ratio Lower Upper

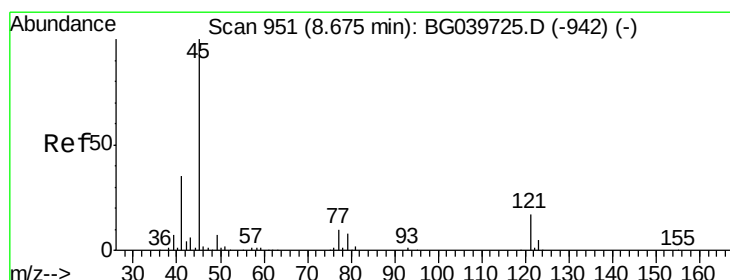
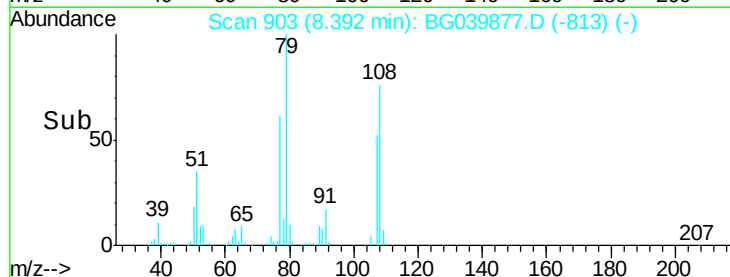
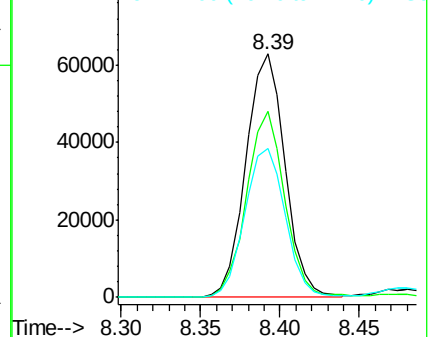
79 100

108 76.5 57.8 86.6

77 61.0 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.779 ng

RT: 8.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

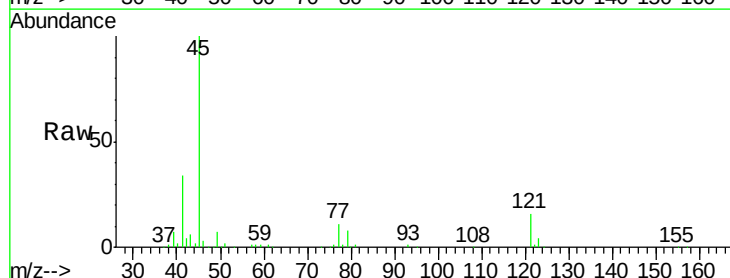
Tgt Ion: 45 Resp: 206451

Ion Ratio Lower Upper

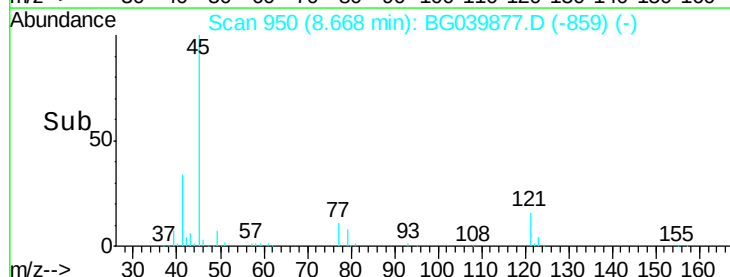
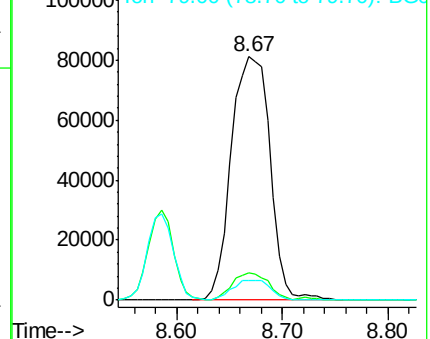
45 100

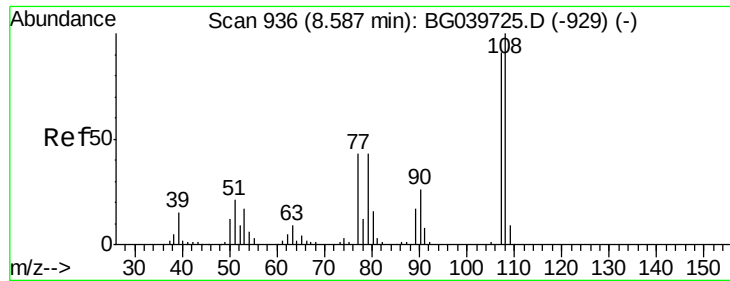
77 11.2 0.0 30.0

79 8.1 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

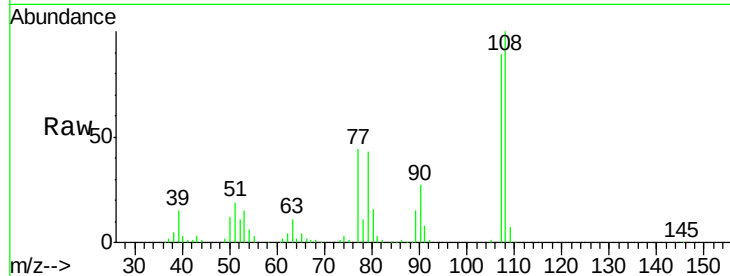




#17
 2-Methylphenol
 Concen: 45.756 ng
 RT: 8.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.8	136.2
77	49.6	40.7	61.1
79	47.8	40.6	60.8



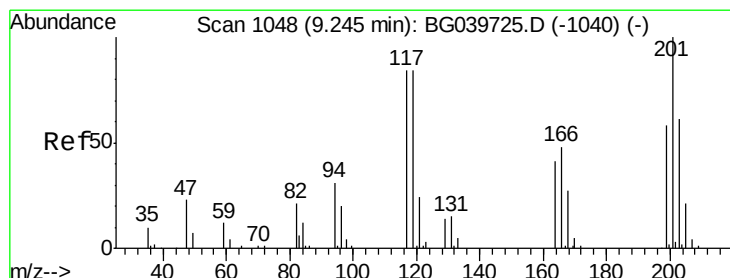
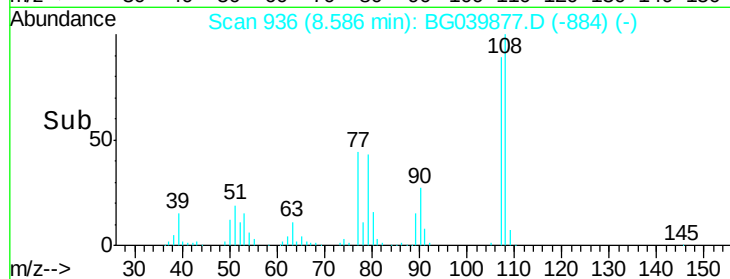
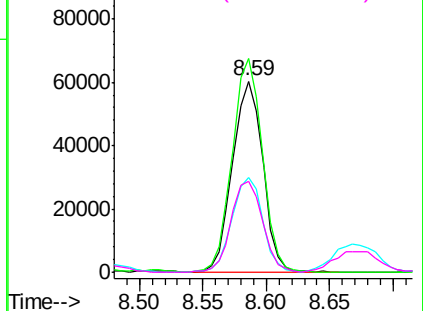
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

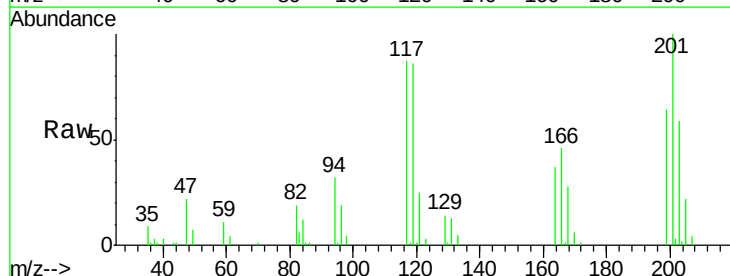
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 38.389 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.3	114.5
201	114.9	91.1	136.7

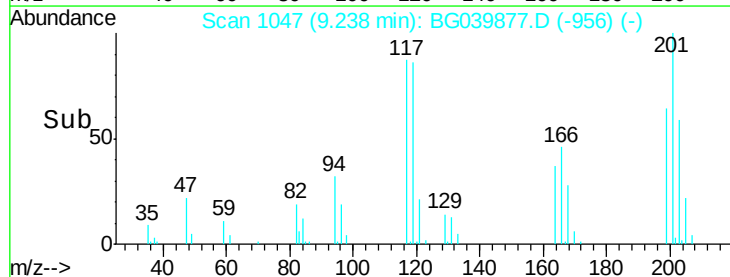
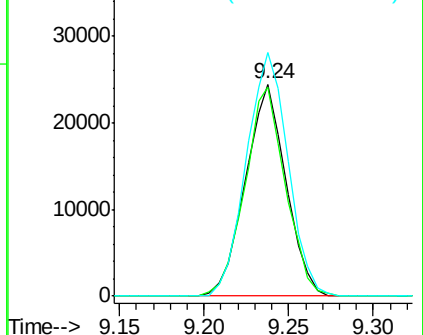


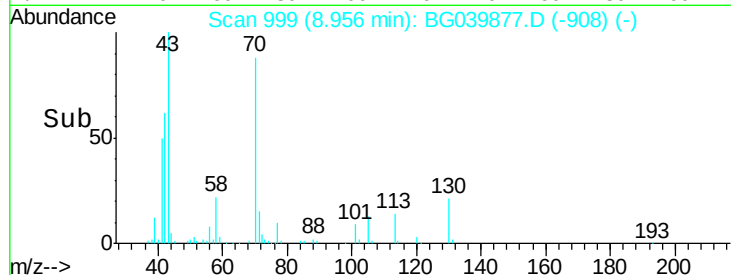
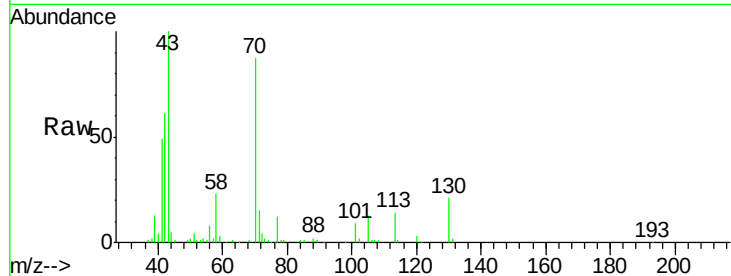
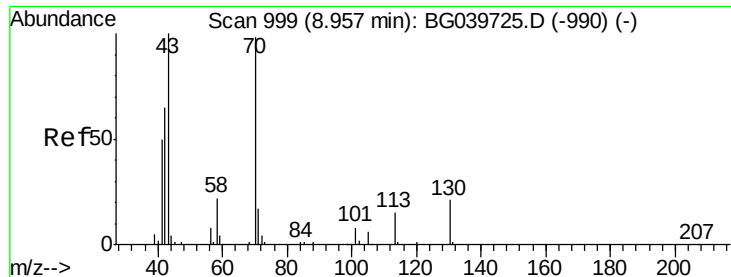
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

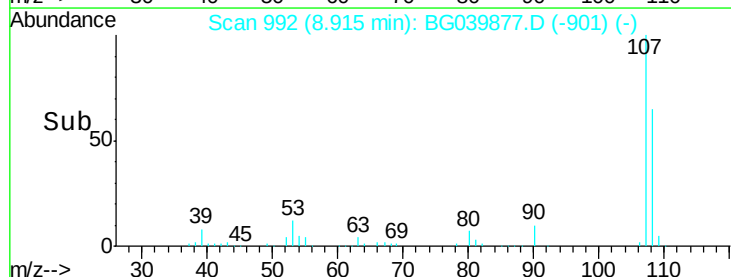
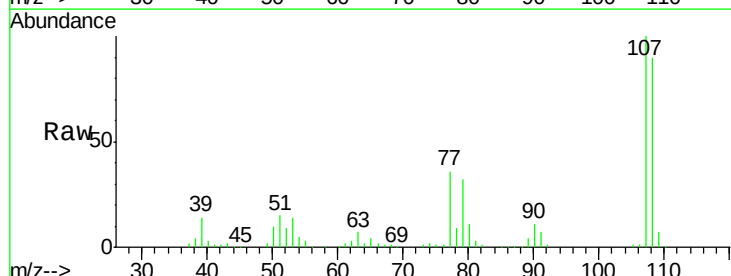
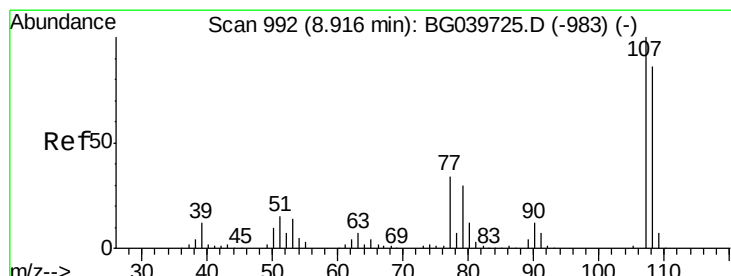
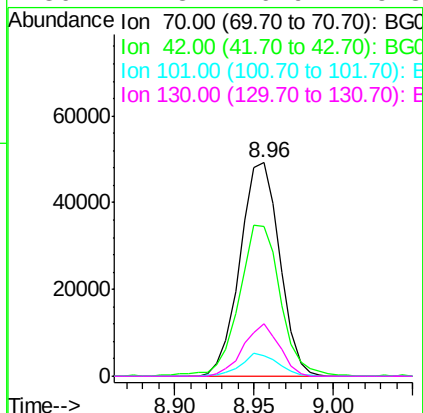




#19
n-Nitroso-di-n-propylamine
Concen: 37.810 ng
RT: 8.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

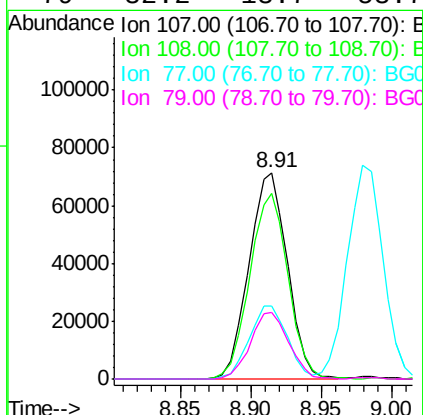
Instrument :
BNA_G
ClientSampleId :
PB117829BS

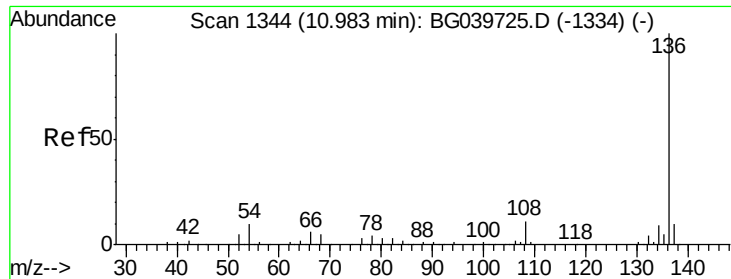
Tgt Ion:	70	Resp:	85767
Ion	Ratio	Lower	Upper
70	100		
42	70.1	60.4	90.6
101	9.8	7.5	11.3
130	24.3	16.9	25.3



#20
3+4-Methylphenols
Concen: 45.015 ng
RT: 8.91 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:	107	Resp:	136137
Ion	Ratio	Lower	Upper
107	100		
108	89.8	67.9	107.9
77	35.5	15.4	55.4
79	32.2	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

Tgt Ion:136 Resp: 156288

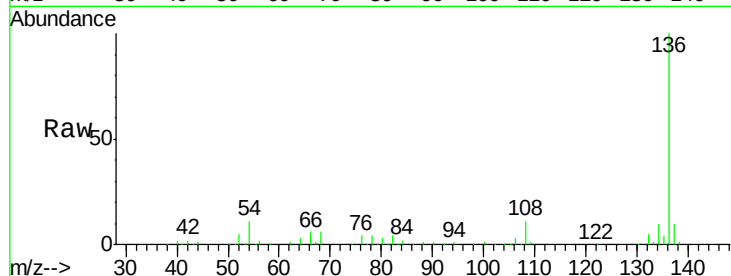
Ion Ratio Lower Upper

136 100

137 10.1 9.1 13.7

54 10.5 9.4 14.2

68 6.2 4.2 6.4

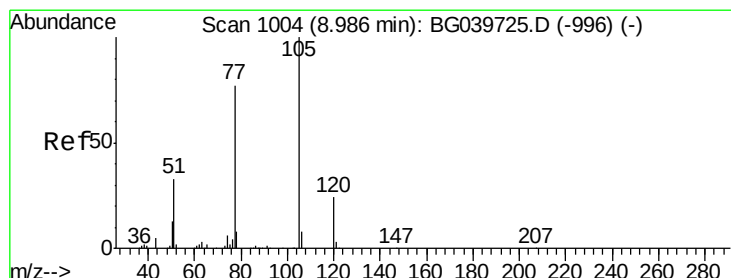
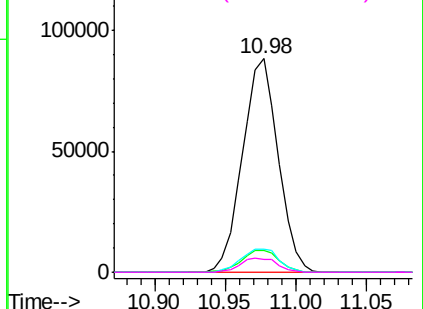
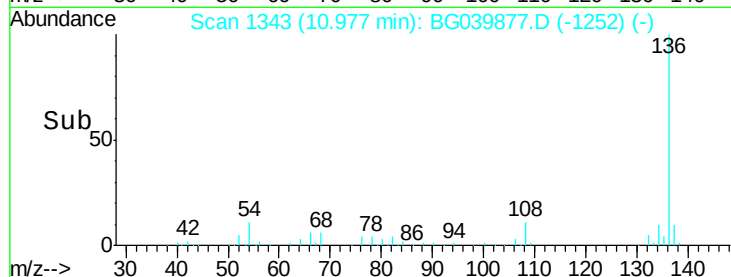


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.195 ng

RT: 8.98 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:105 Resp: 164411

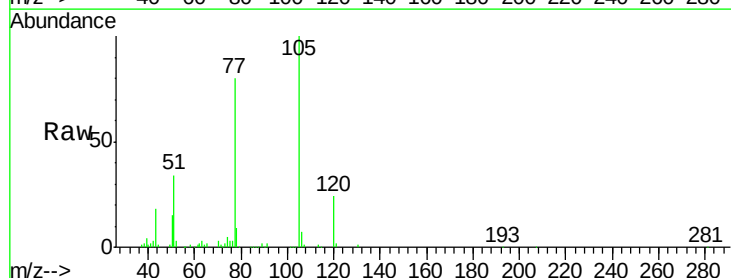
Ion Ratio Lower Upper

105 100

71 0.5 0.8 1.2#

51 34.3 30.2 45.2

120 24.0 18.0 27.0

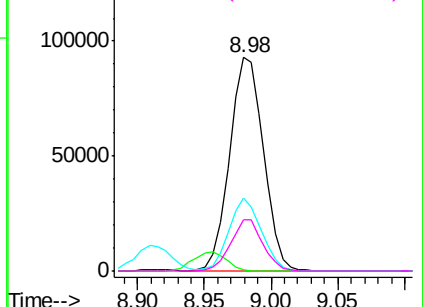
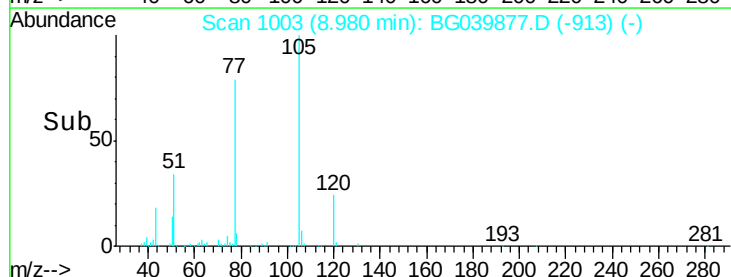


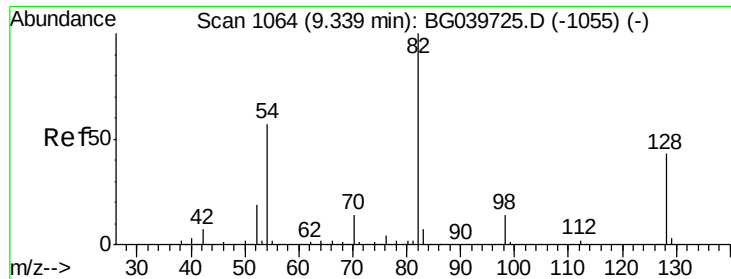
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

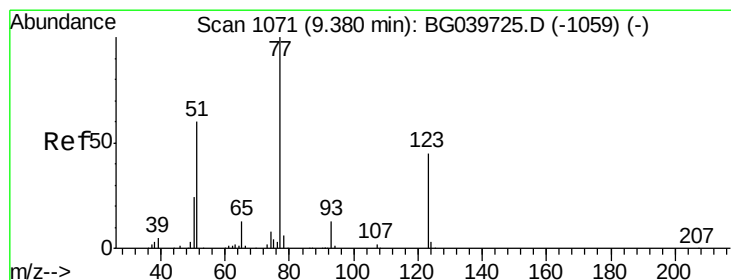
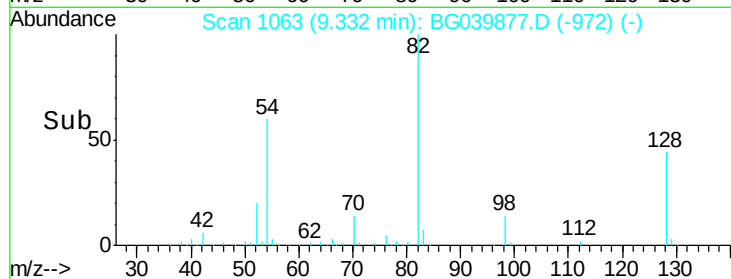
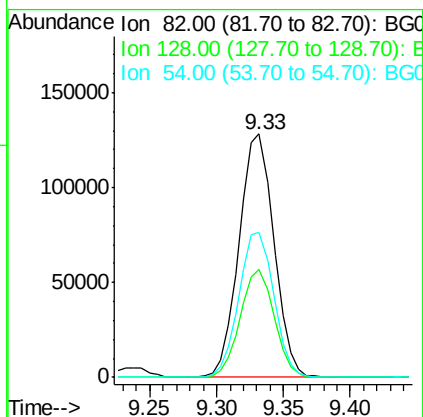
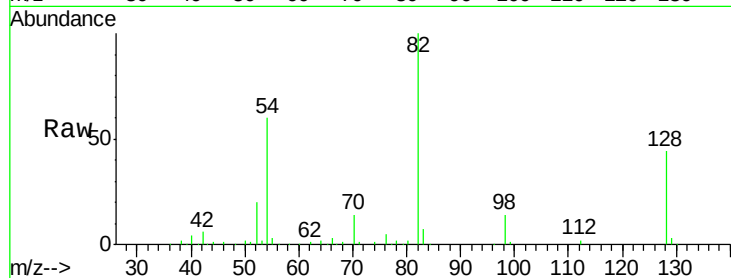




#23
 Nitrobenzene-d5
 Concen: 80.221 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

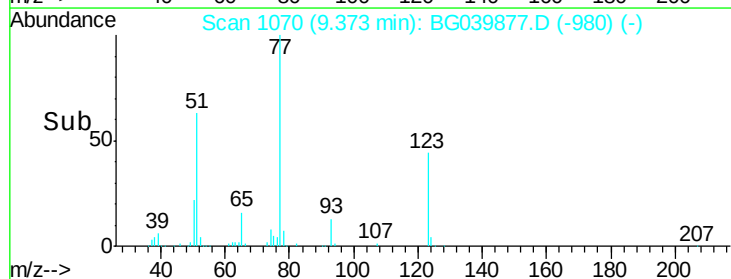
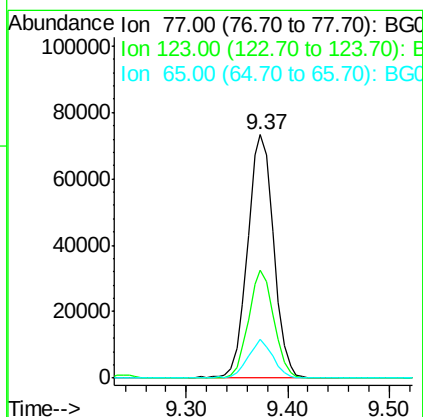
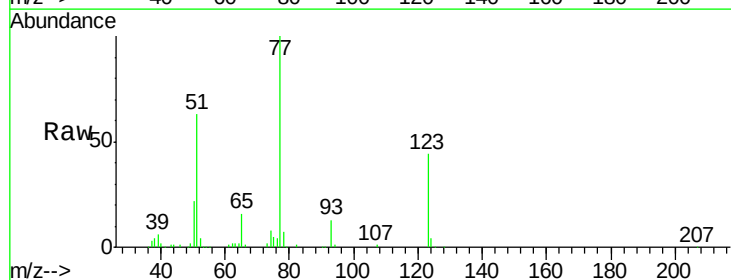
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

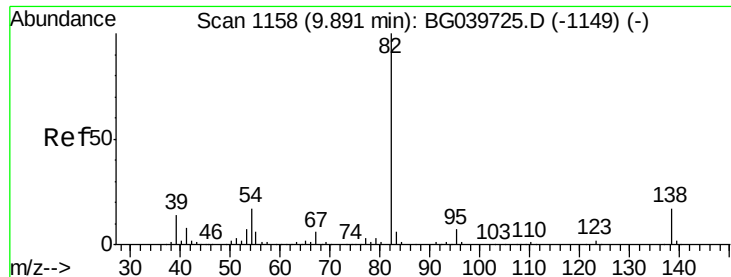
Tgt Ion: 82 Resp: 231816
 Ion Ratio Lower Upper
 82 100
 128 44.1 31.3 46.9
 54 59.6 50.9 76.3



#24
 Nitrobenzene
 Concen: 42.956 ng
 RT: 9.37 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion: 77 Resp: 130222
 Ion Ratio Lower Upper
 77 100
 123 44.2 34.1 51.1
 65 16.1 12.3 18.5

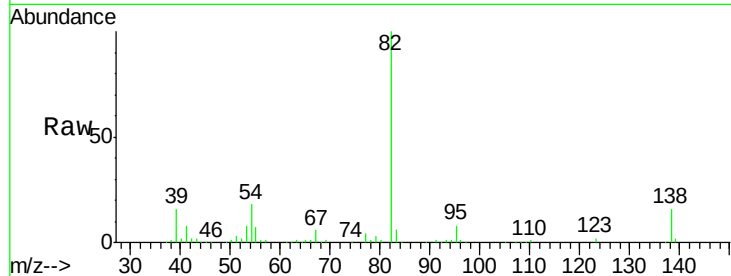




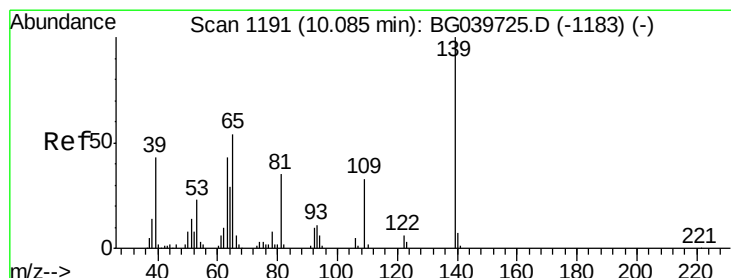
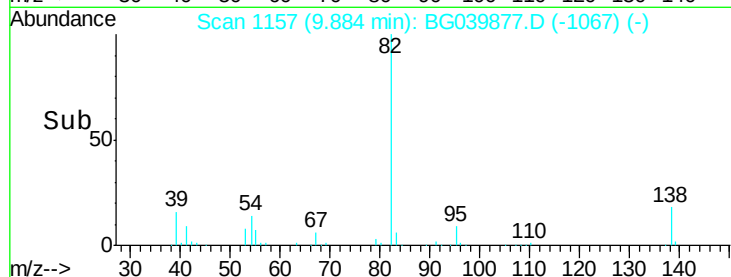
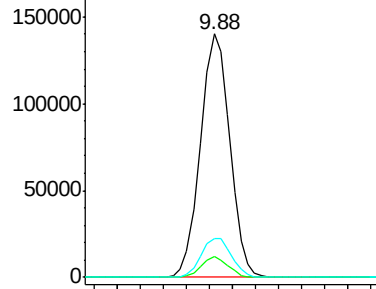
#25
Isophorone
Concen: 40.844 ng
RT: 9.88 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tgt Ion: 82 Resp: 247307
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.2
138 15.9 13.0 19.4

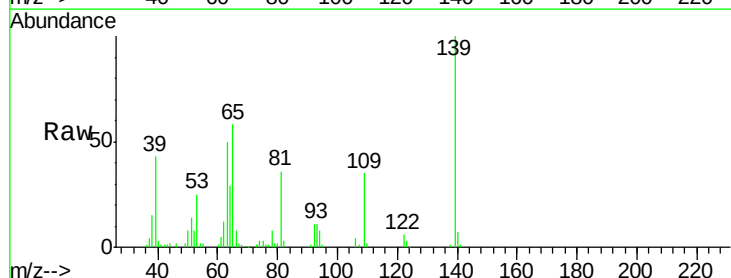


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

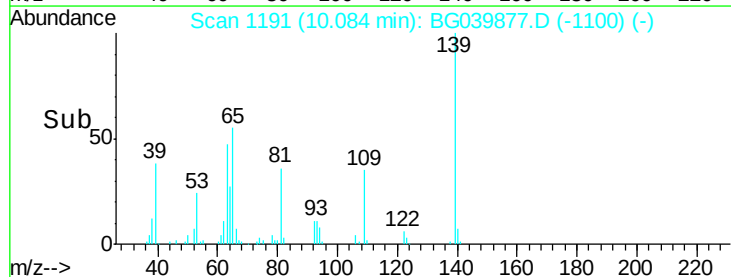
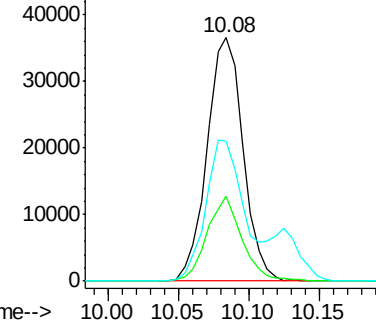


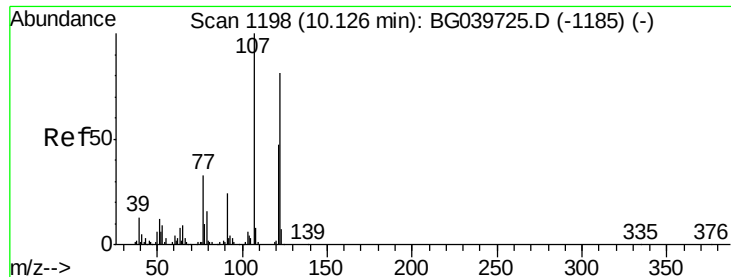
#26
2-Nitrophenol
Concen: 44.335 ng
RT: 10.08 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion: 139 Resp: 64892
Ion Ratio Lower Upper
139 100
109 35.1 23.4 35.0#
65 57.7 44.3 66.5



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

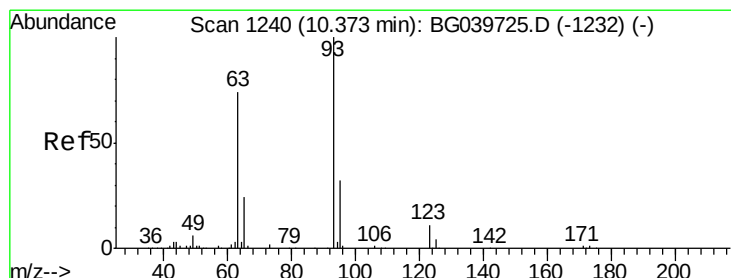
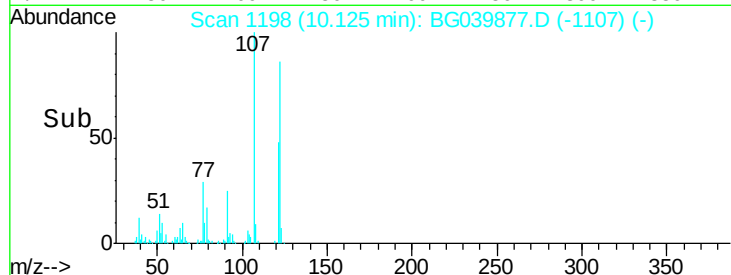
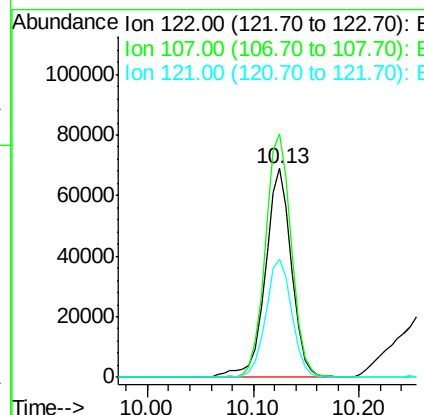
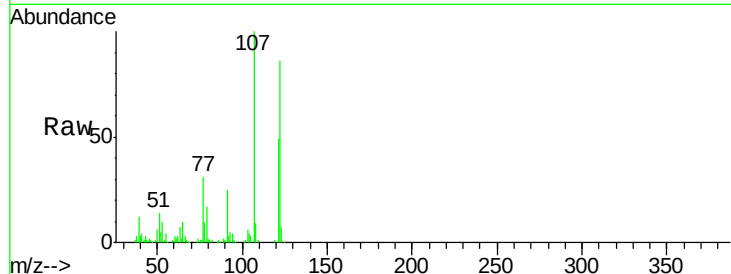




#27
 2,4-Dimethylphenol
 Concen: 52.121 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

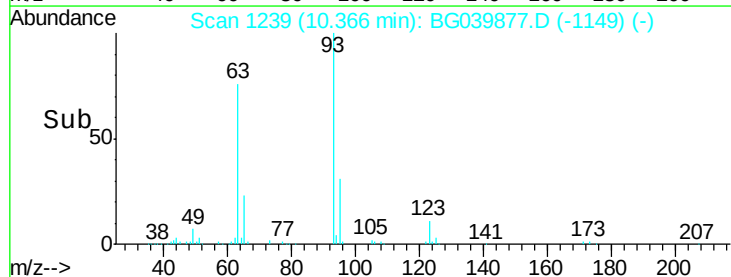
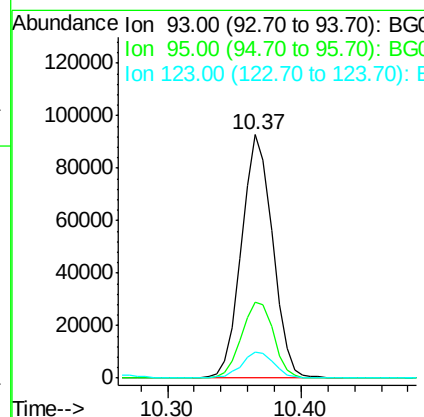
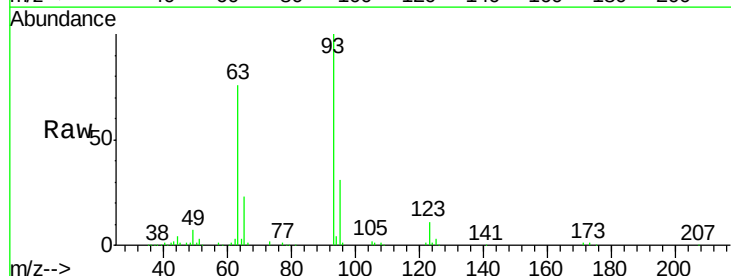
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

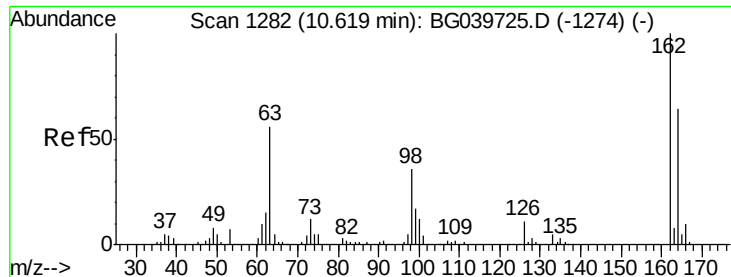
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.8	91.7	137.5
121	56.6	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.635 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	25.0	37.4
123	10.8	8.6	12.8

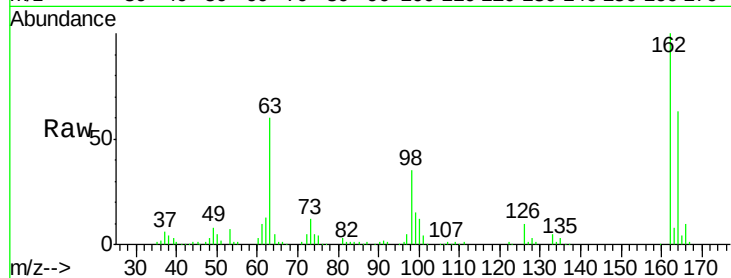




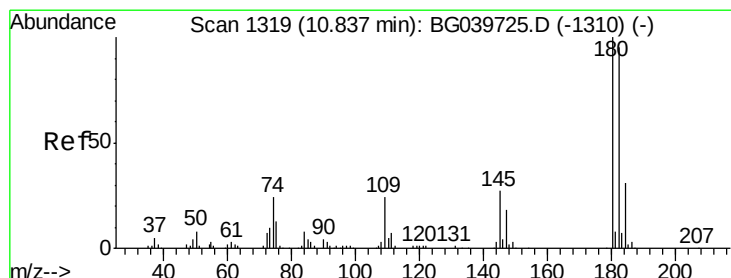
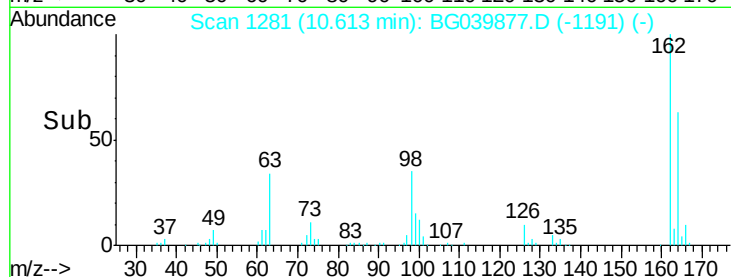
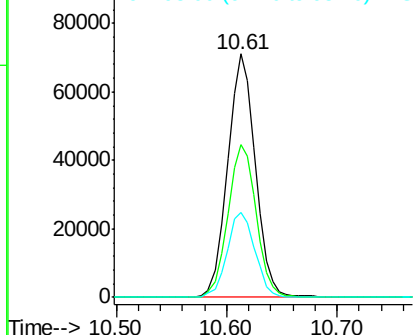
#29
 2,4-Dichlorophenol
 Concen: 48.828 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.1	88.1
98	35.1	18.1	58.1

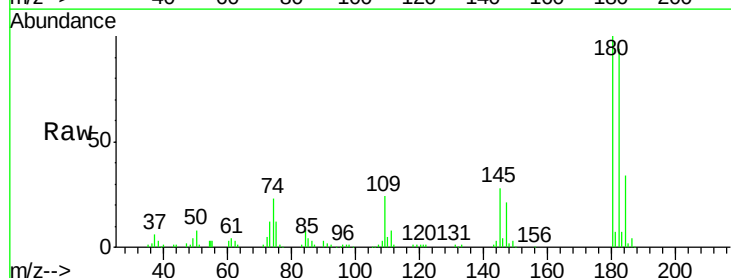


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

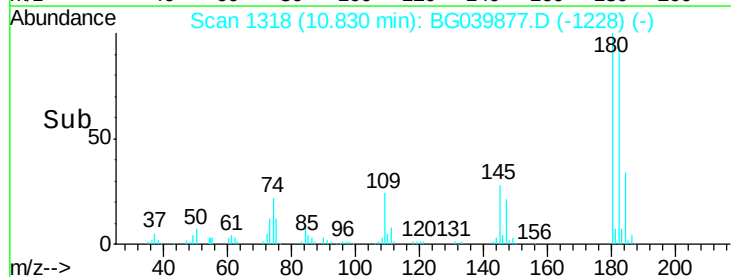
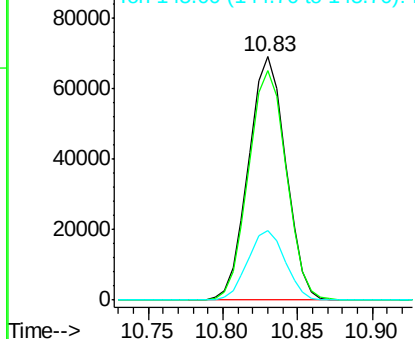


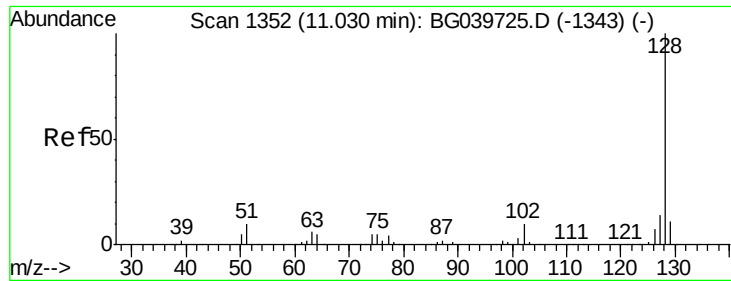
#30
 1,2,4-Trichlorobenzene
 Concen: 41.463 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	28.3	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

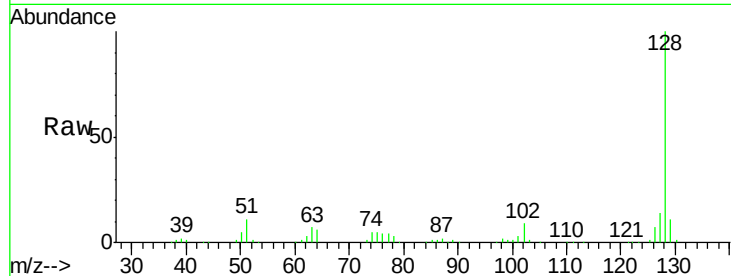




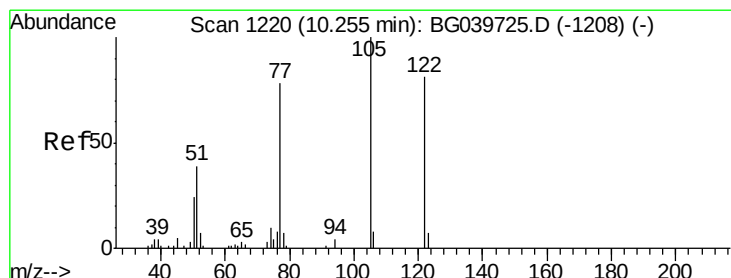
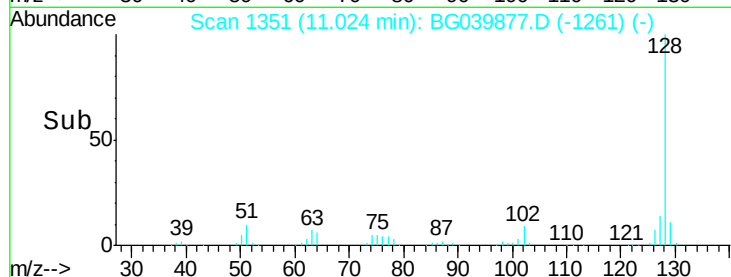
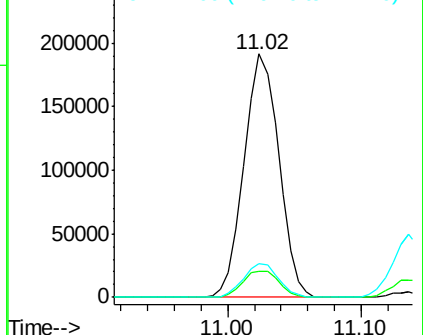
#31
Naphthalene
Concen: 41.706 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tgt Ion:128 Resp: 345107
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 14.0 10.8 16.2

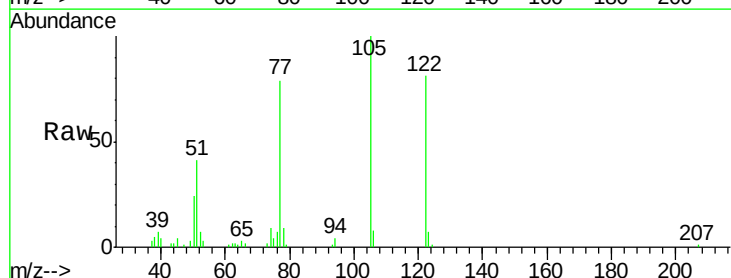


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

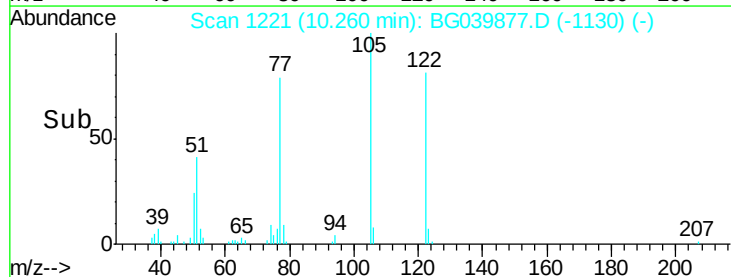
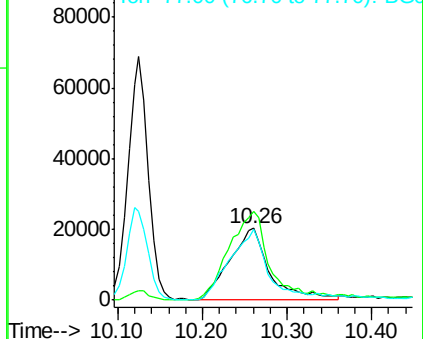


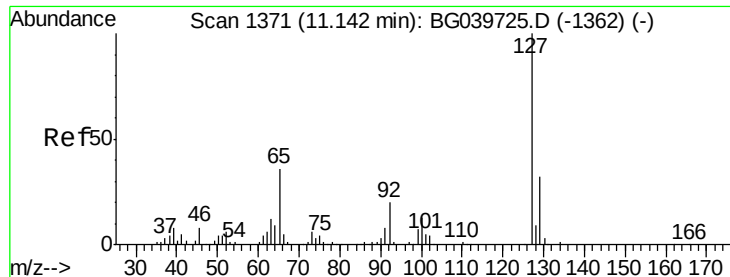
#32
Benzoic acid
Concen: 43.629 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:122 Resp: 67103
Ion Ratio Lower Upper
122 100
105 124.1 101.8 141.8
77 98.4 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

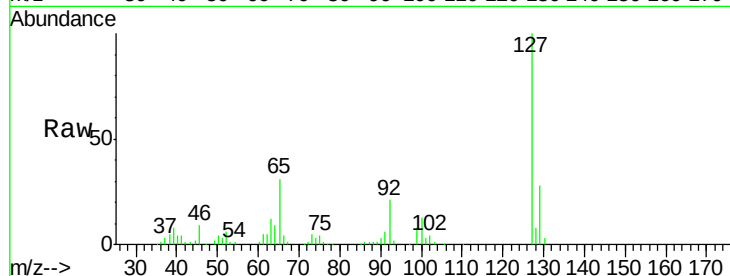




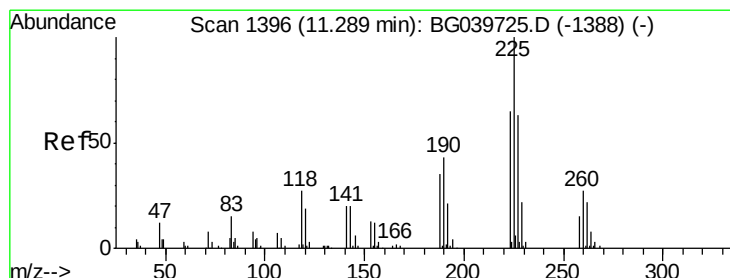
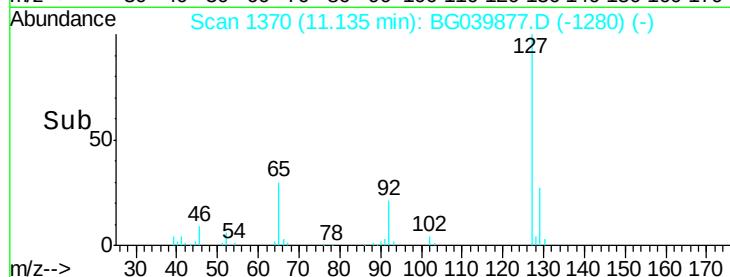
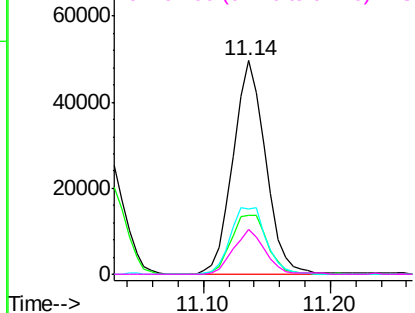
#33
4-Chloroaniline
Concen: 25.195 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tgt Ion:	127	Resp:	88404
Ion	Ratio	Lower	Upper
127	100		
129	27.6	27.0	40.4
65	30.7	28.8	43.2
92	21.2	16.6	25.0

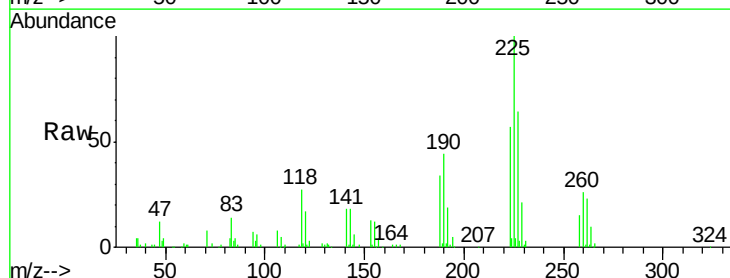


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

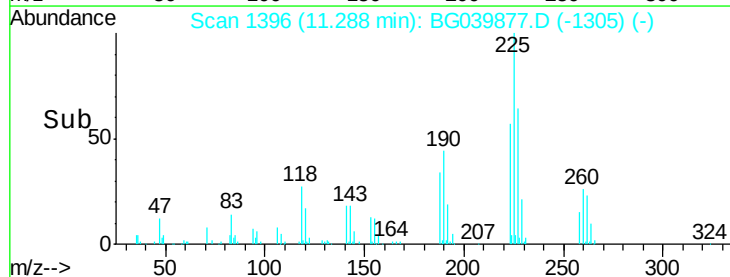
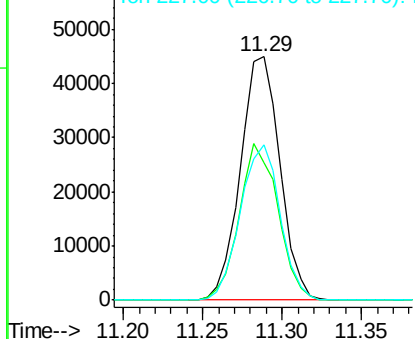


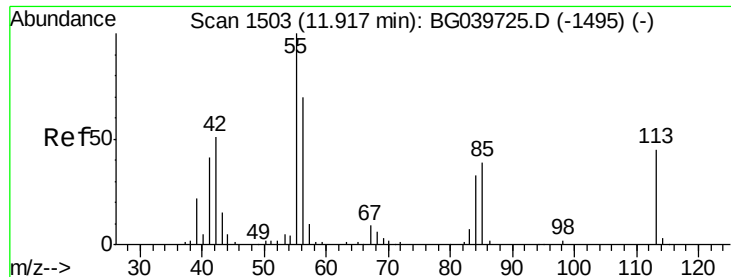
#34
Hexachlorobutadiene
Concen: 39.582 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:	225	Resp:	78009
Ion	Ratio	Lower	Upper
225	100		
223	56.6	49.0	73.6
227	64.0	46.3	69.5



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

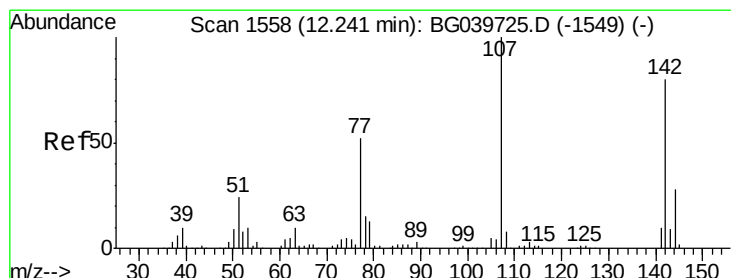
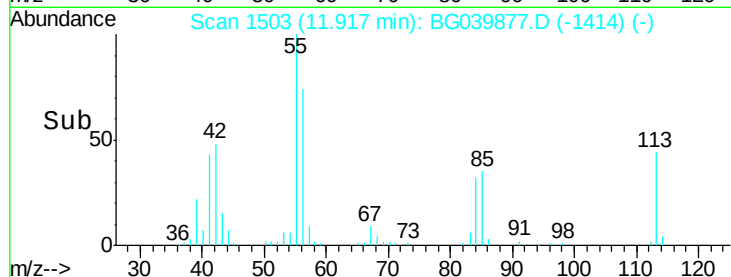
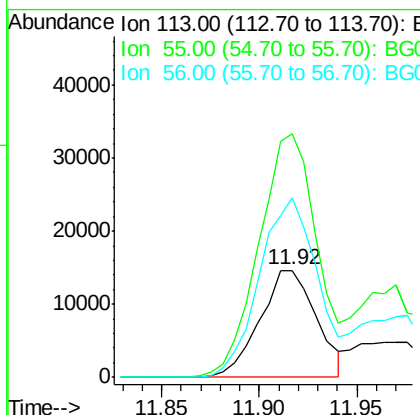
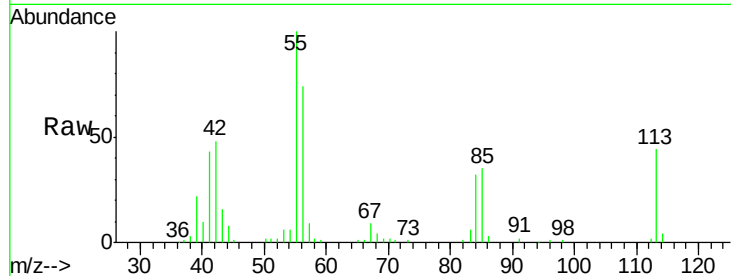




#35
 Caprolactam
 Concen: 29.896 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

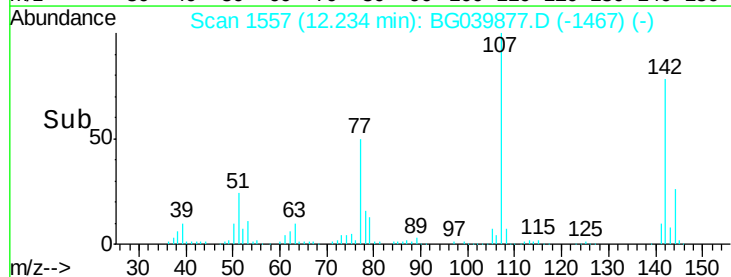
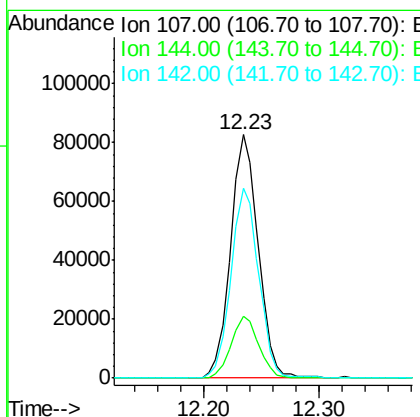
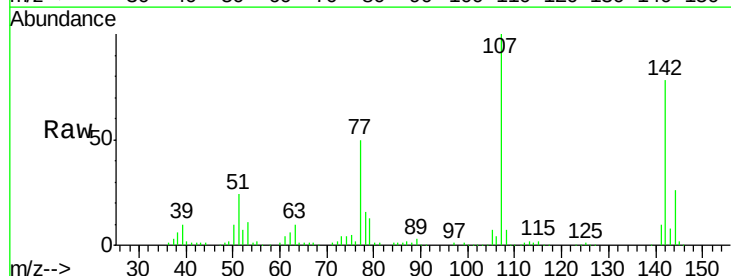
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

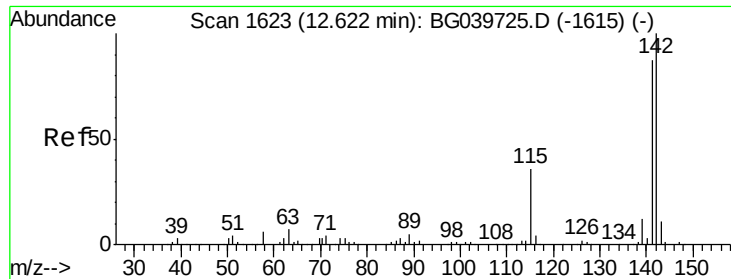
Tgt Ion:113 Resp: 29270
 Ion Ratio Lower Upper
 113 100
 55 227.6 216.9 256.9
 56 168.0 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 46.575 ng
 RT: 12.23 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion:107 Resp: 136837
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 78.2 61.4 92.2

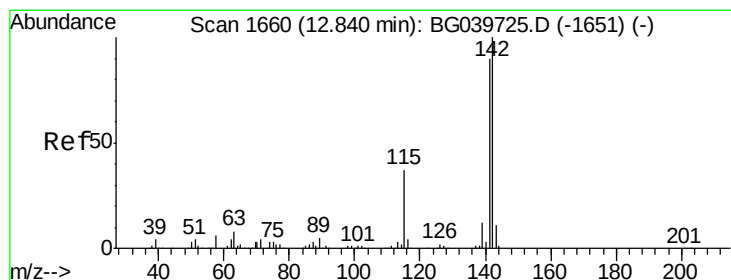
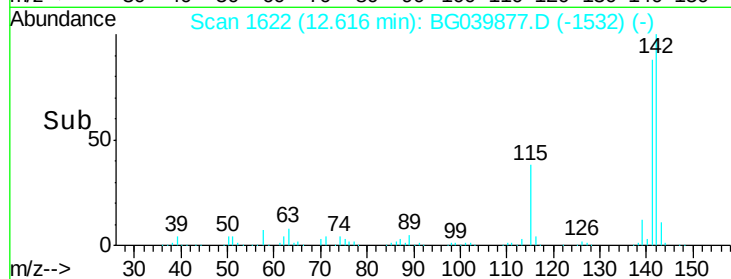
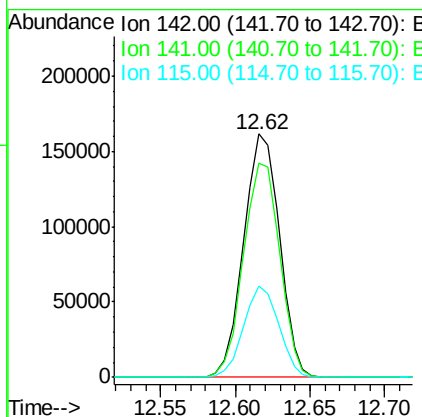
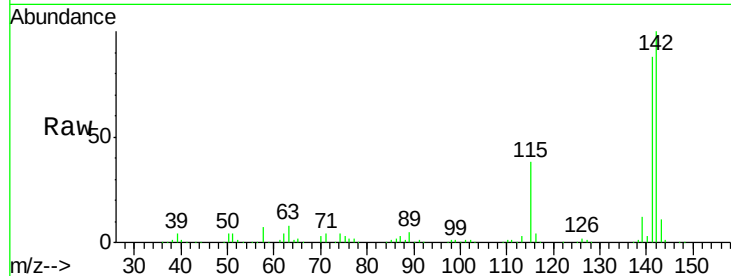




#37
 2-Methylnaphthalene
 Concen: 43.415 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

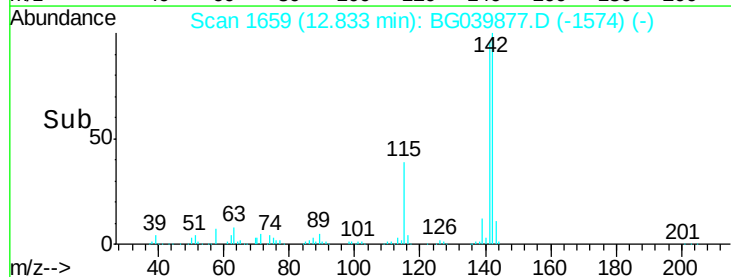
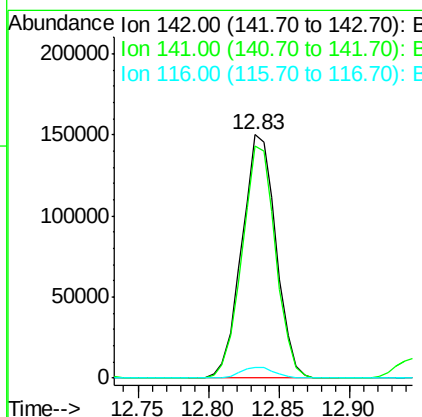
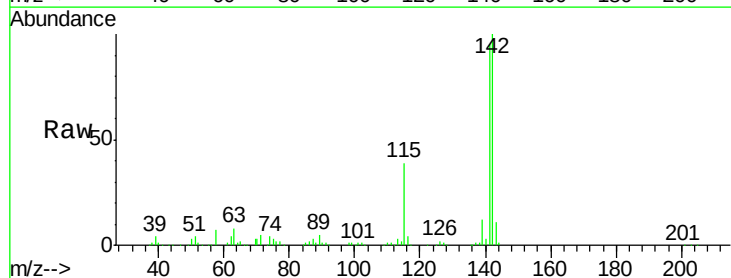
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

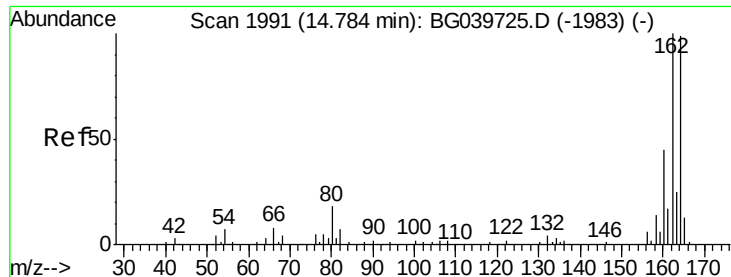
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	37.7	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 42.270 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	74.2	111.4
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

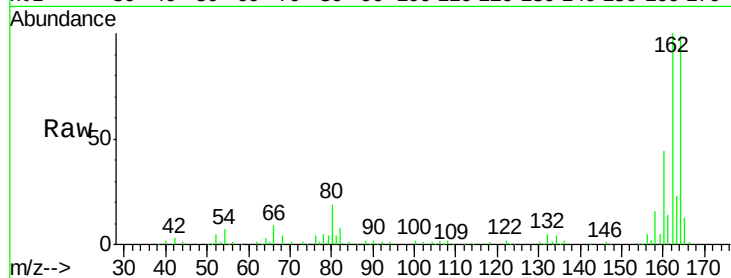
Tgt Ion:164 Resp: 112344

Ion Ratio Lower Upper

164 100

162 101.0 81.6 122.4

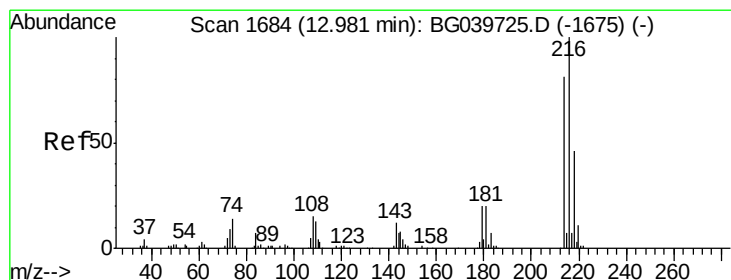
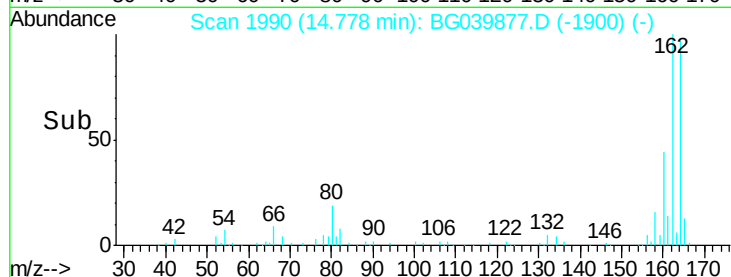
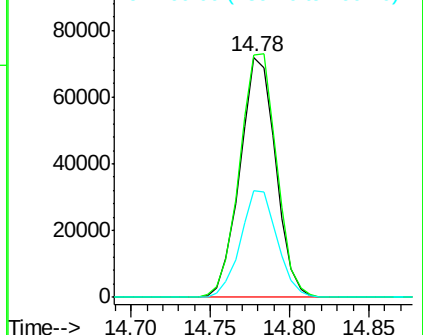
160 44.5 34.2 51.2



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: 38.544 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Tgt Ion:216 Resp: 146695

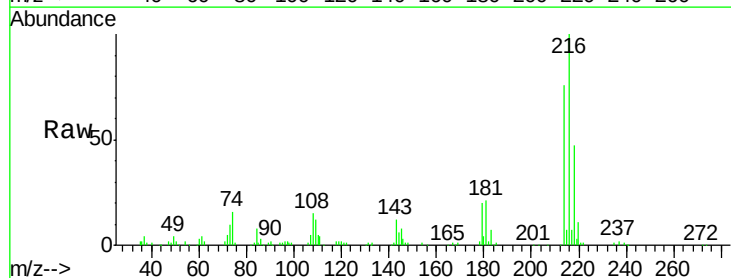
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 20.3 16.6 25.0

108 18.8 14.0 21.0

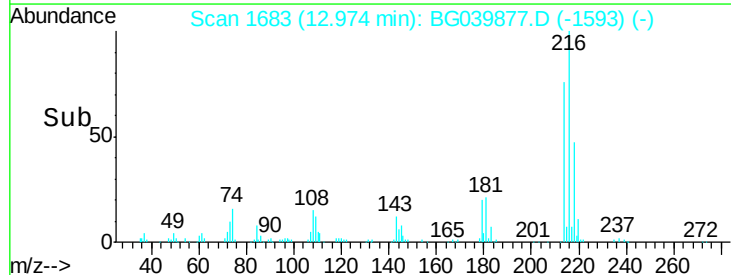
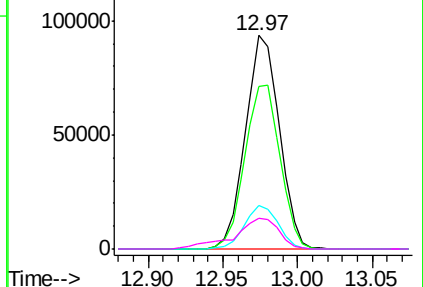


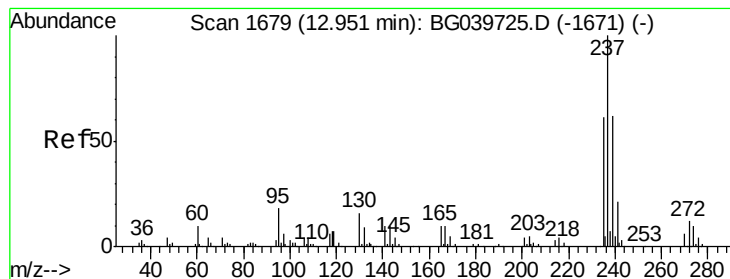
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.496 ng

RT: 12.94 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

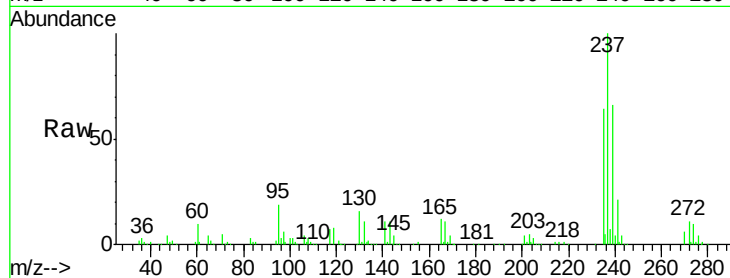
Tgt Ion: 237 Resp: 174380

Ion Ratio Lower Upper

237 100

235 64.1 43.3 83.3

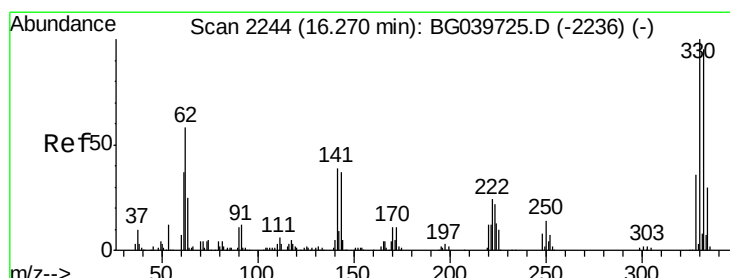
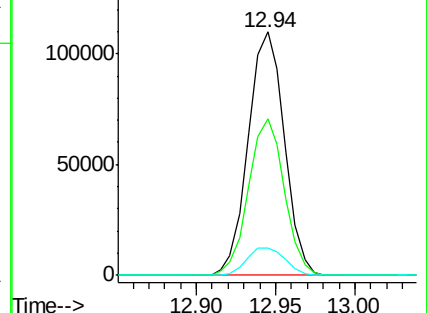
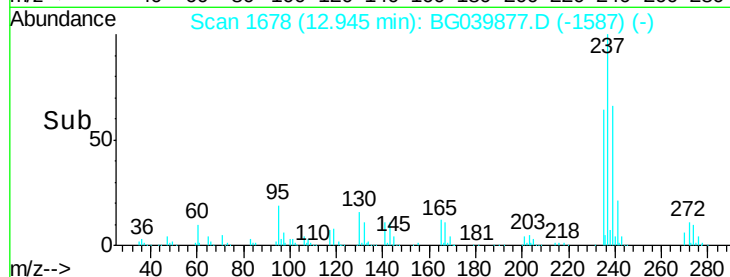
272 11.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.692 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

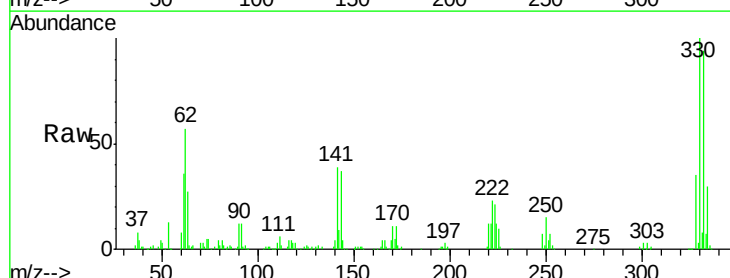
Tgt Ion: 330 Resp: 181611

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

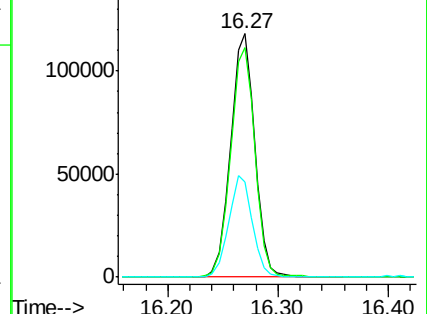
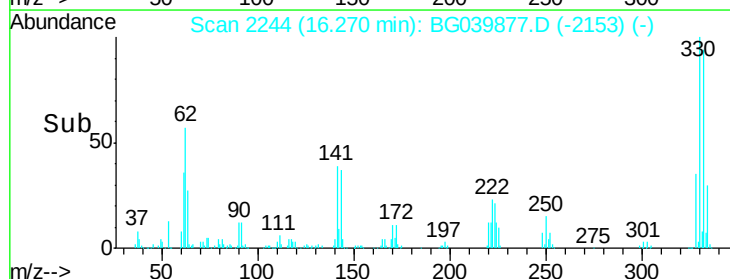
141 40.7 35.6 53.4

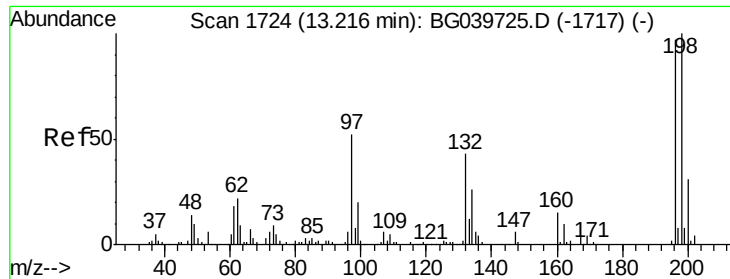


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

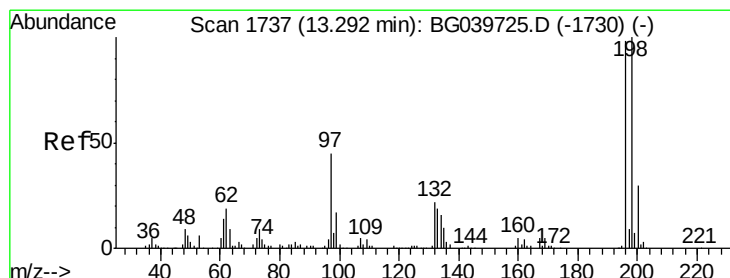
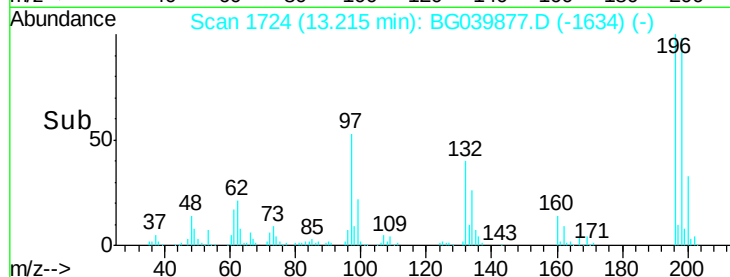
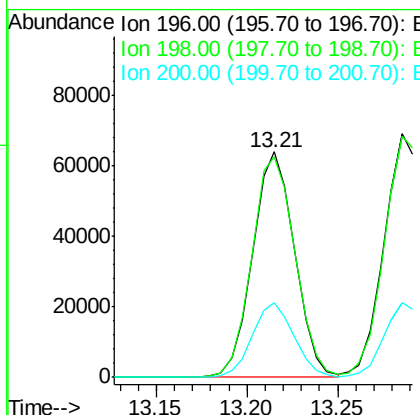
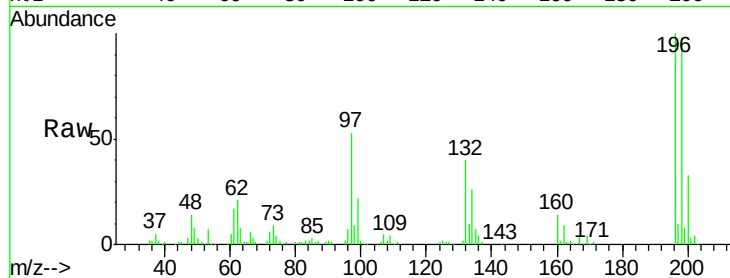




#43
 2,4,6-Trichlorophenol
 Concen: 46.025 ng
 RT: 13.21 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

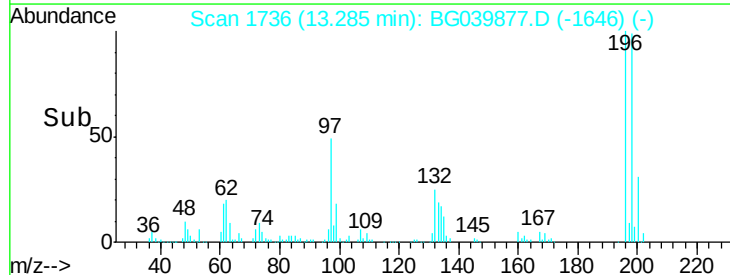
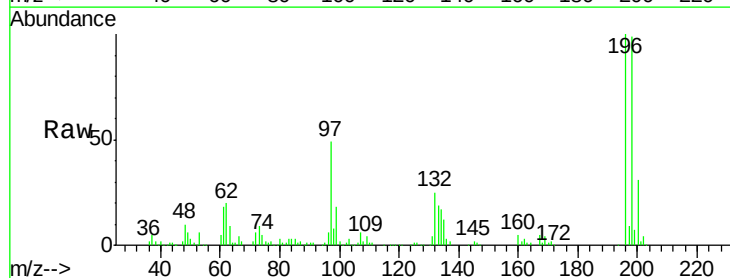
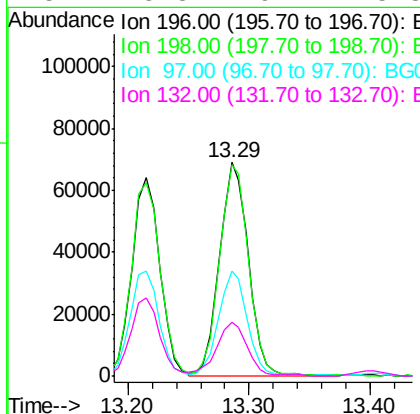
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

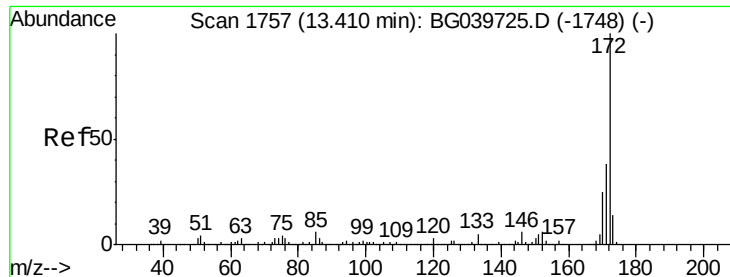
Tgt Ion:196 Resp: 102553
 Ion Ratio Lower Upper
 196 100
 198 97.6 80.6 121.0
 200 33.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.056 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion:196 Resp: 113161
 Ion Ratio Lower Upper
 196 100
 198 99.2 78.5 117.7
 97 49.0 38.4 57.6
 132 25.3 19.2 28.8

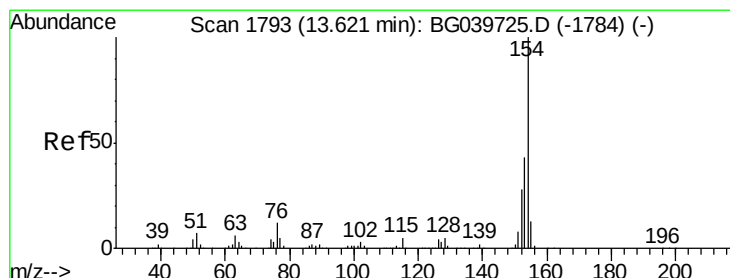
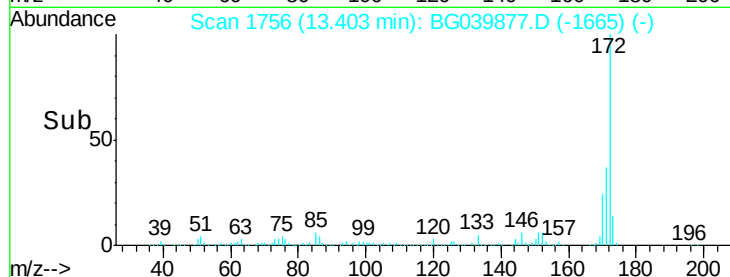
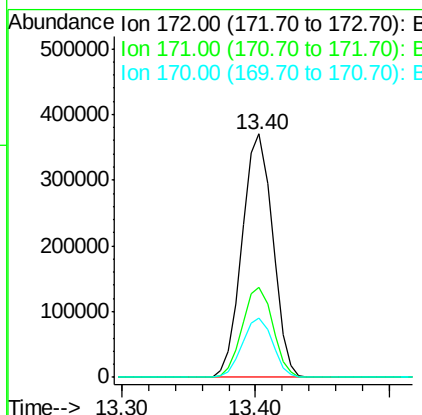
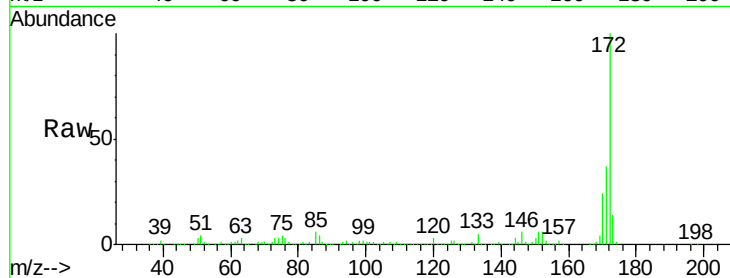




#45
 2-Fluorobiphenyl
 Concen: 74.248 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

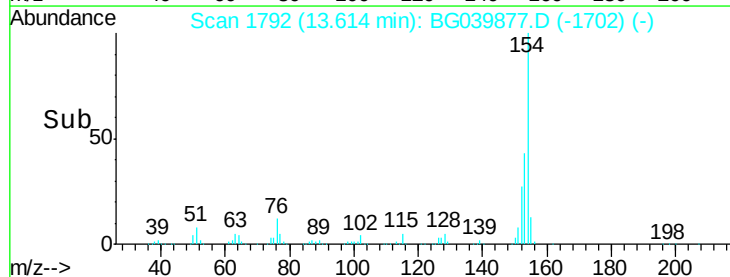
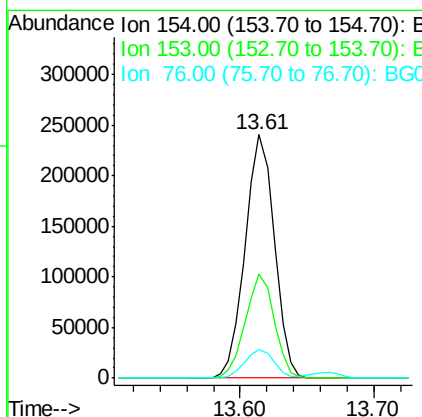
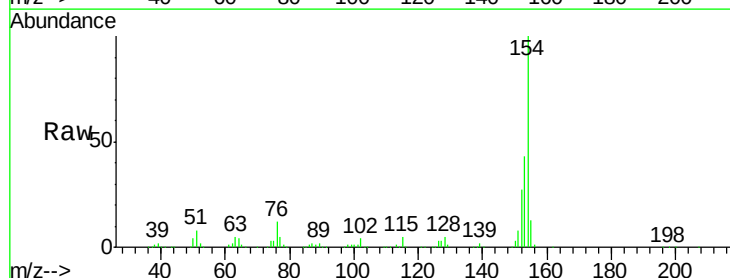
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

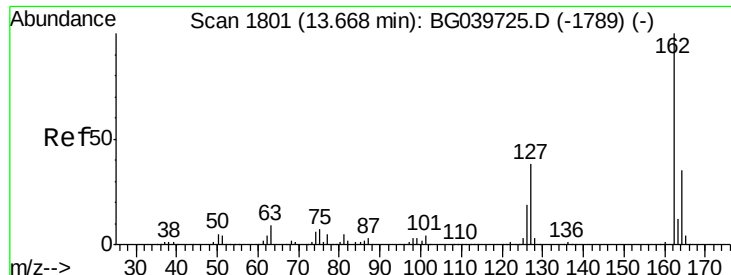
Tgt Ion:172 Resp: 585835
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 24.4 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.317 ng
 RT: 13.61 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion:154 Resp: 363291
 Ion Ratio Lower Upper
 154 100
 153 42.8 22.1 62.1
 76 11.7 0.0 32.4

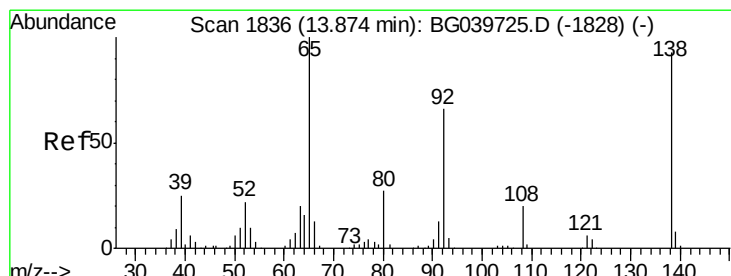
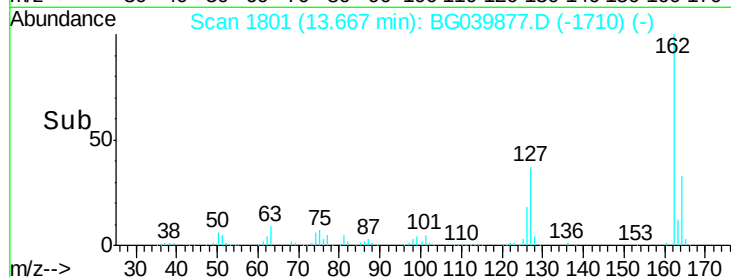
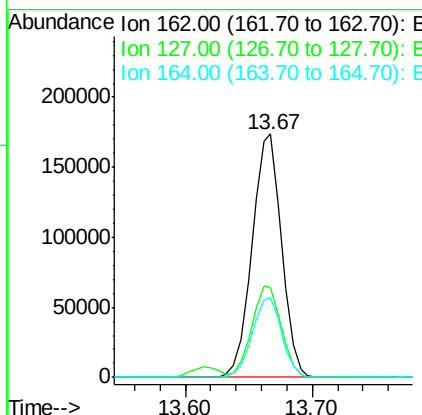
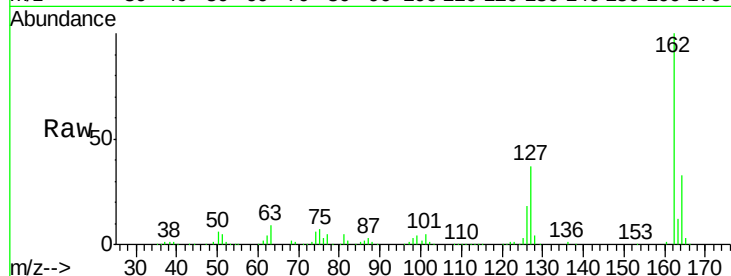




#47
 2-Chloronaphthalene
 Concen: 40.343 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

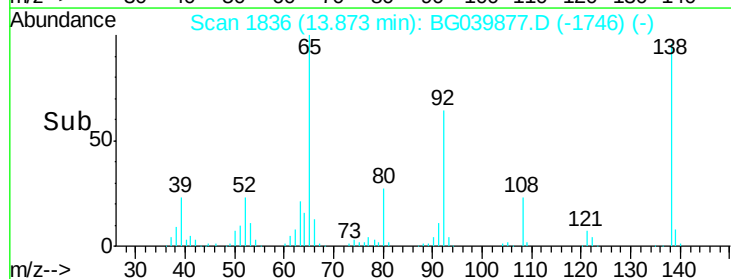
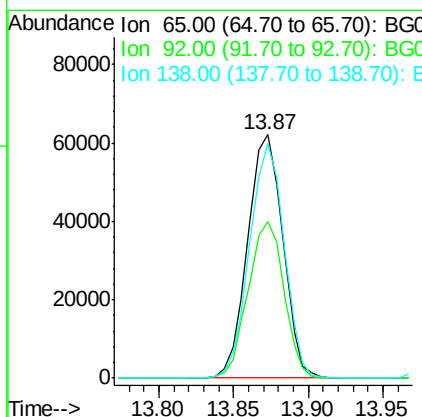
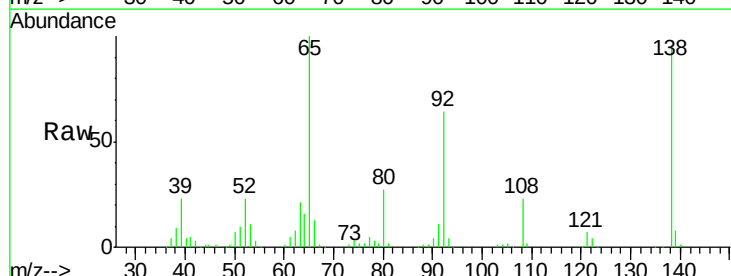
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

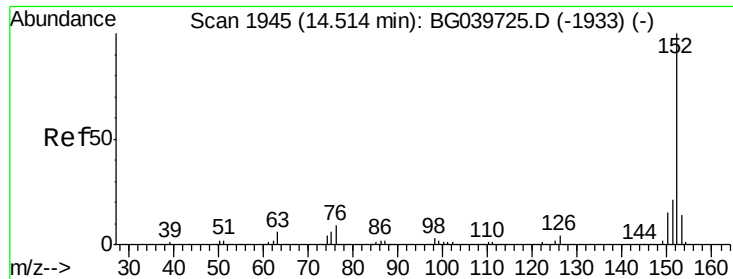
Tgt Ion: 162 Resp: 280436
 Ion Ratio Lower Upper
 162 100
 127 37.0 31.0 46.6
 164 32.7 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.269 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion: 65 Resp: 101128
 Ion Ratio Lower Upper
 65 100
 92 64.1 51.4 77.2
 138 96.5 71.4 107.2





#49

Acenaphthylene

Concen: 40.356 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

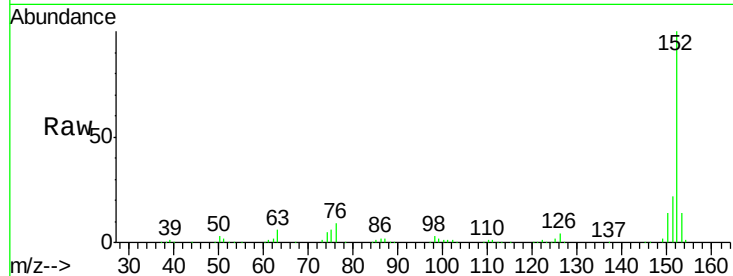
Tgt Ion:152 Resp: 460514

Ion Ratio Lower Upper

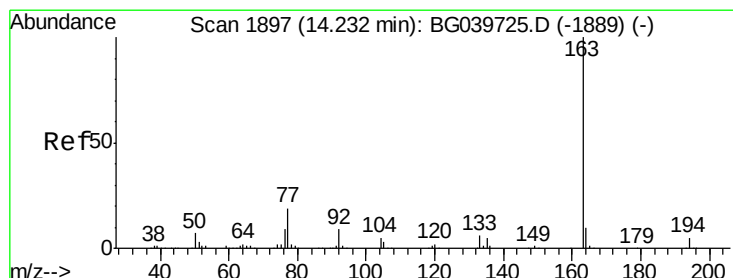
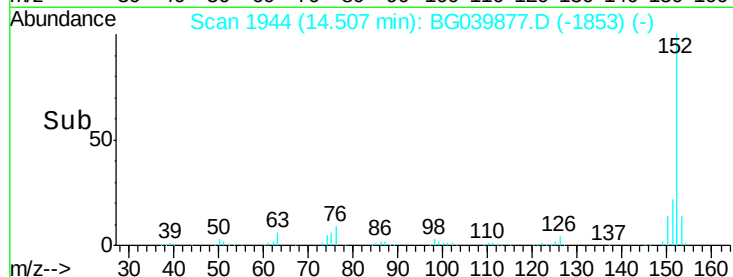
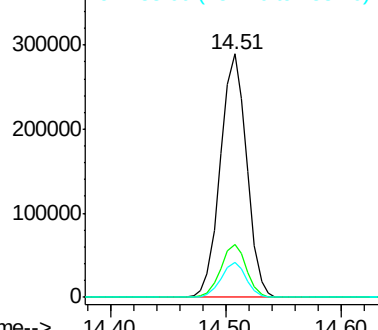
152 100

151 22.0 16.8 25.2

153 14.2 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.366 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

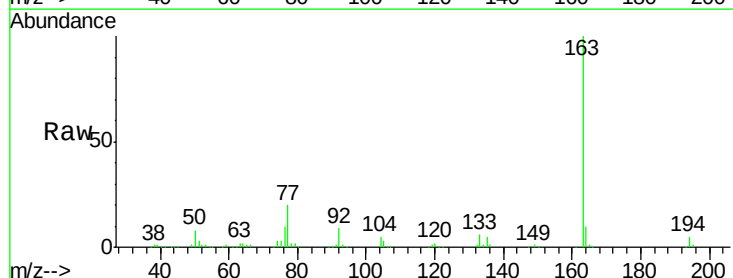
Tgt Ion:163 Resp: 379204

Ion Ratio Lower Upper

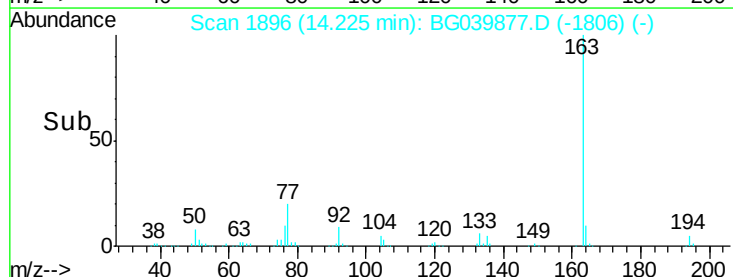
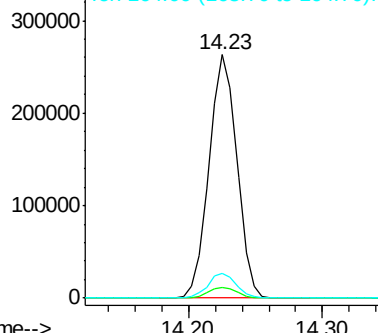
163 100

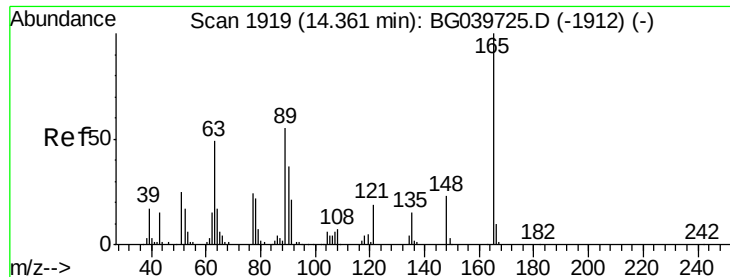
194 4.6 3.6 5.4

164 10.0 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

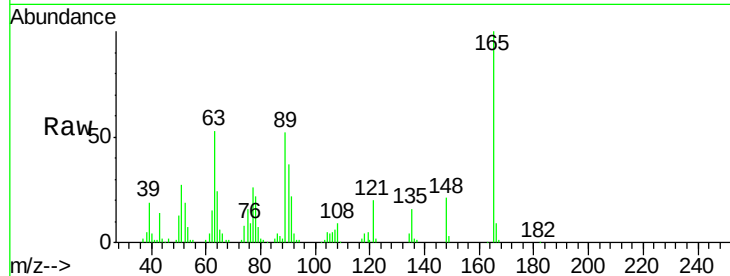




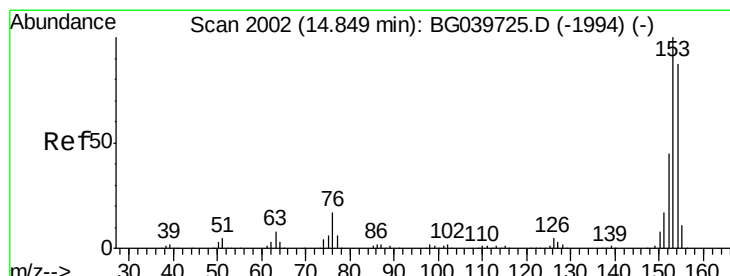
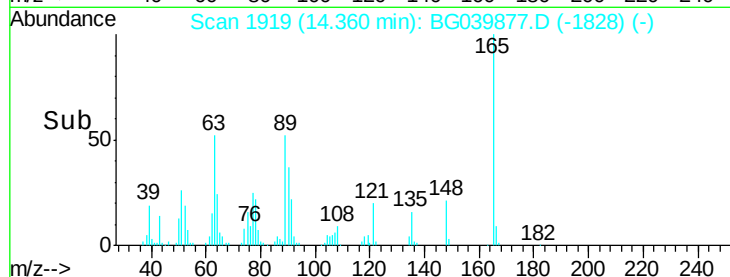
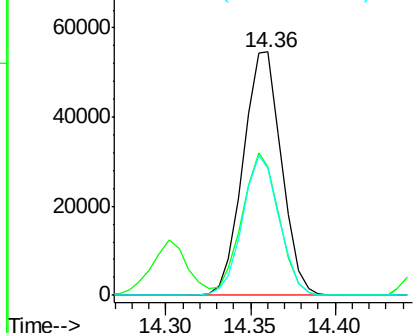
#51
2,6-Dinitrotoluene
Concen: 43.134 ng
RT: 14.36 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tgt Ion:165 Resp: 85901
Ion Ratio Lower Upper
165 100
63 52.6 47.0 70.6
89 52.0 45.8 68.8

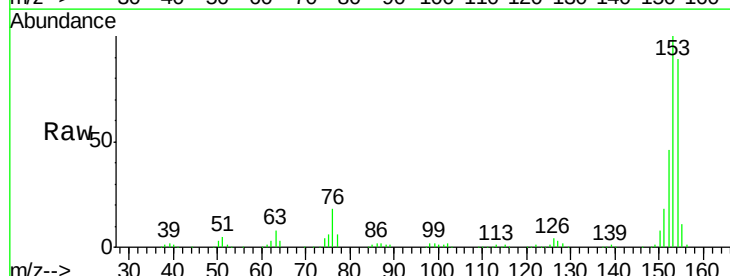


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

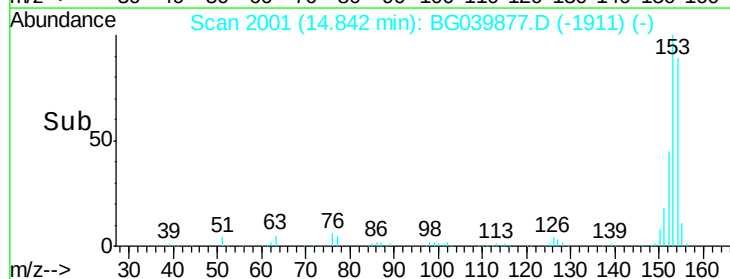
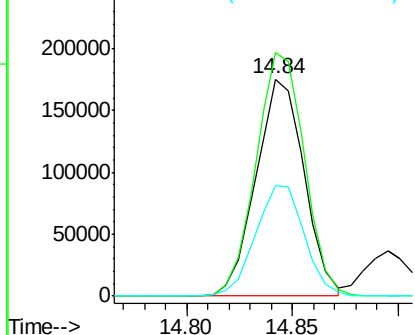


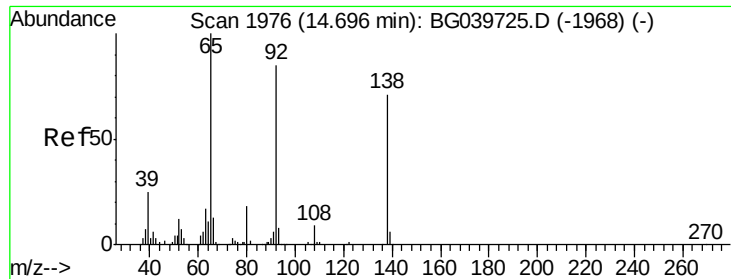
#52
Acenaphthene
Concen: 40.495 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:154 Resp: 278128
Ion Ratio Lower Upper
154 100
153 112.2 90.1 135.1
152 51.1 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: 29.622 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

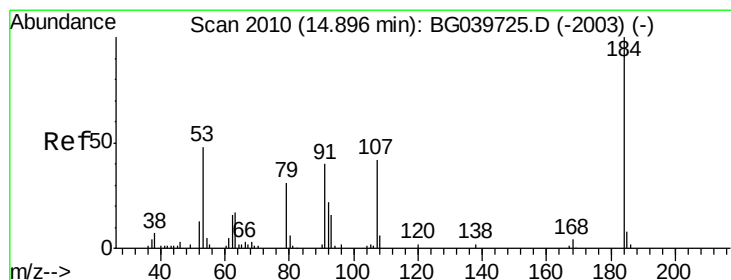
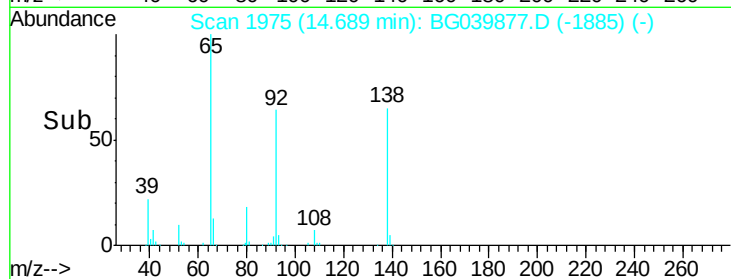
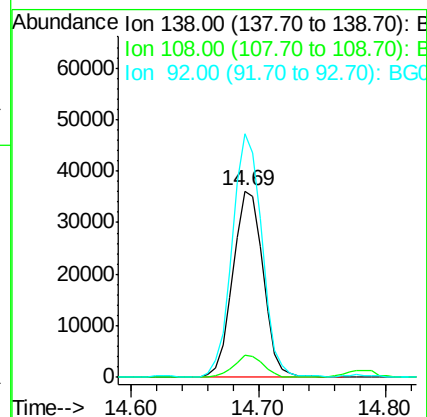
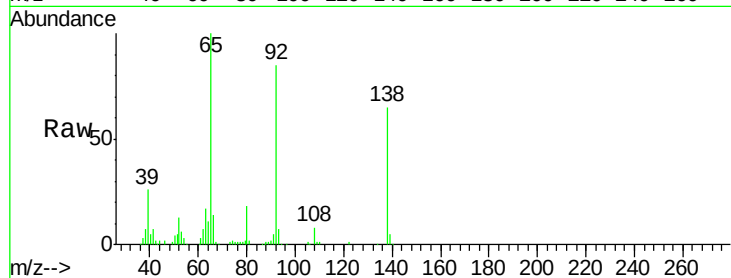
Tgt Ion:138 Resp: 59300

Ion Ratio Lower Upper

138 100

108 11.9 13.8 20.8#

92 130.7 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 72.821 ng

RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

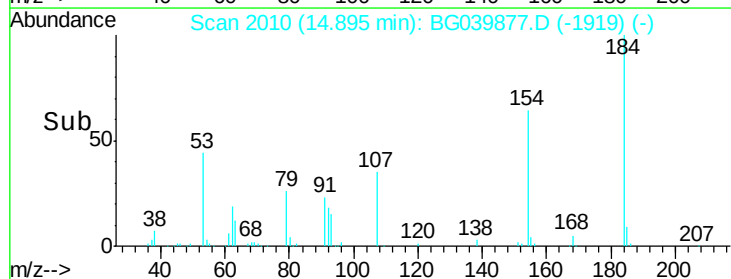
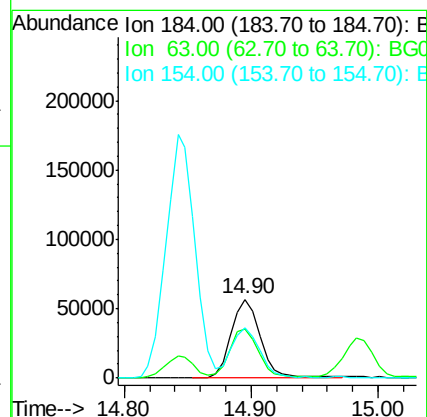
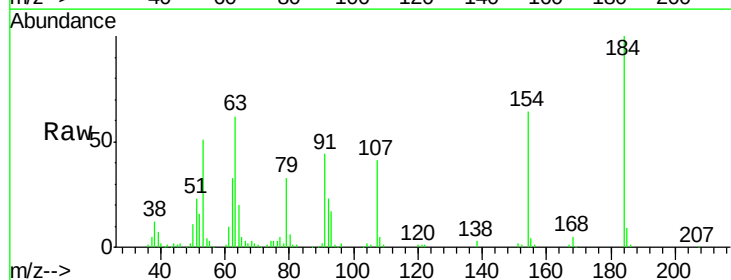
Tgt Ion:184 Resp: 90823

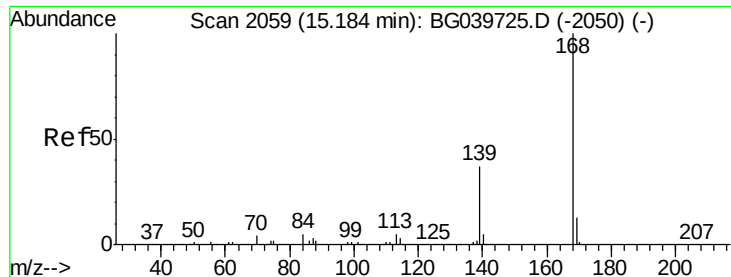
Ion Ratio Lower Upper

184 100

63 62.4 50.9 76.3

154 63.9 53.0 79.6





#55

Dibenzenofuran

Concen: 40.956 ng

RT: 15.18 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

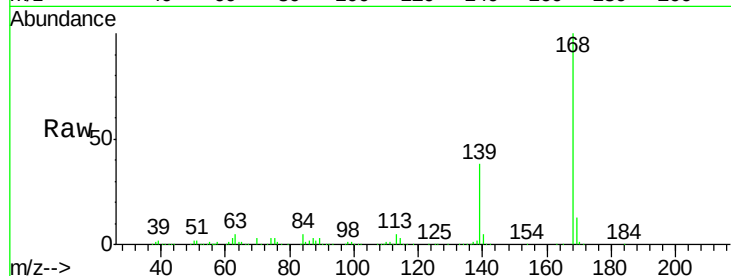
Tgt Ion:168 Resp: 461508

Ion Ratio Lower Upper

168 100

139 37.7 30.1 45.1

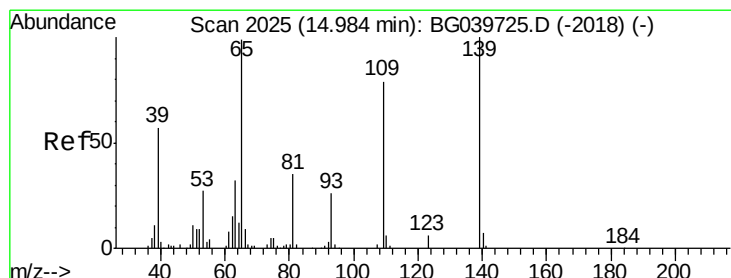
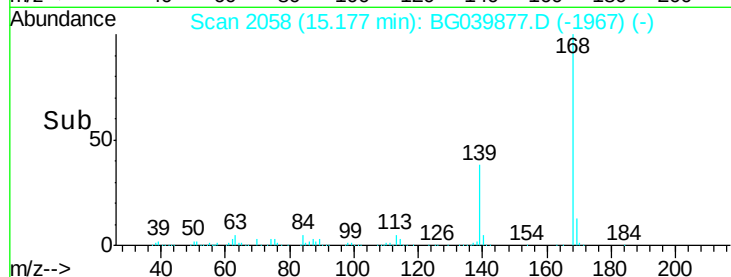
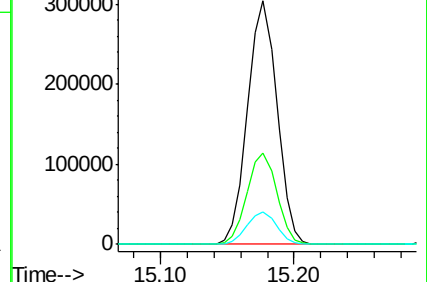
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.559 ng

RT: 14.99 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

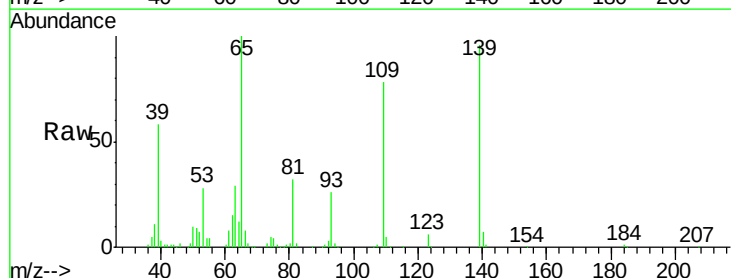
Tgt Ion:139 Resp: 155011

Ion Ratio Lower Upper

139 100

109 80.8 61.9 101.9

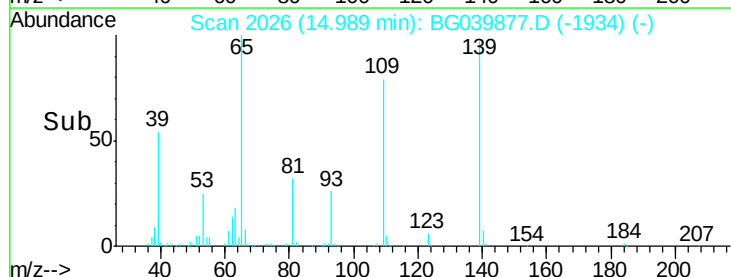
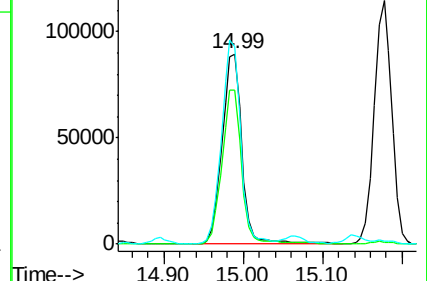
65 103.6 99.1 139.1

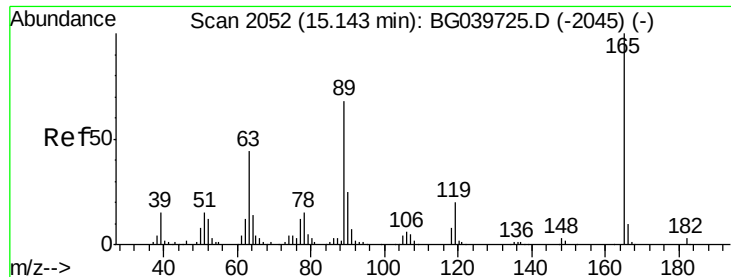


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

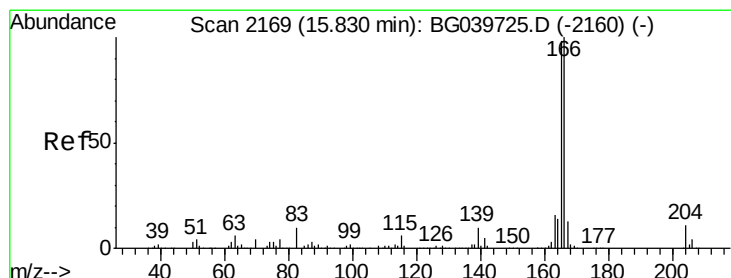
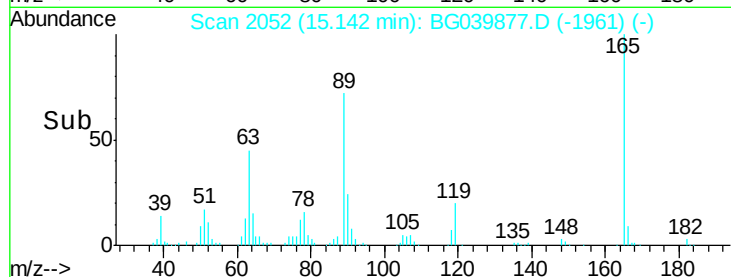
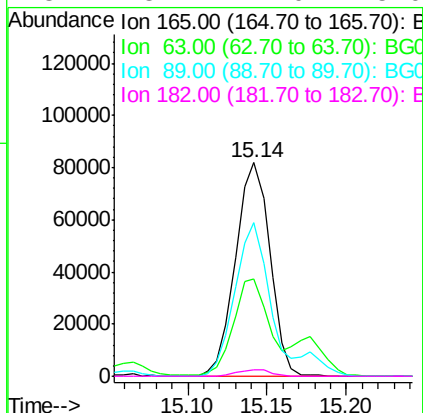
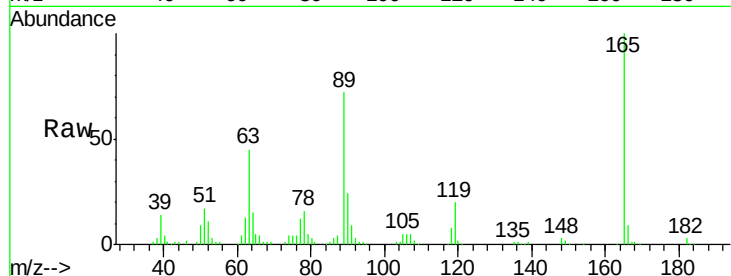




#57
2,4-Dinitrotoluene
Concen: 44.202 ng
RT: 15.14 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

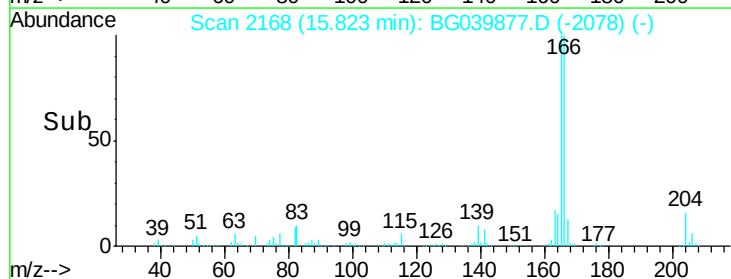
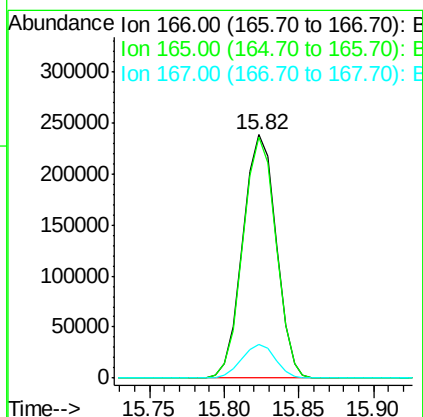
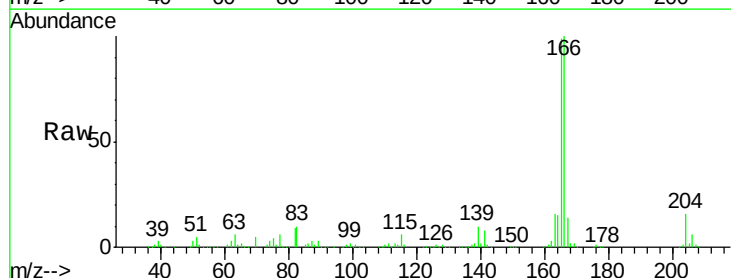
Instrument :
BNA_G
ClientSampleId :
PB117829BS

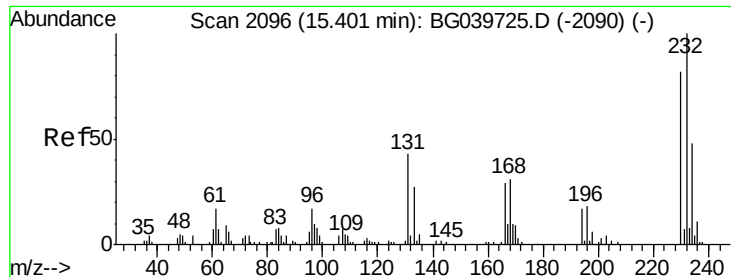
Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.4	41.0	61.6
89	71.9	64.6	96.8
182	3.1	2.0	3.0#



#58
Fluorene
Concen: 41.603 ng
RT: 15.82 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.9	116.9
167	13.7	10.8	16.2

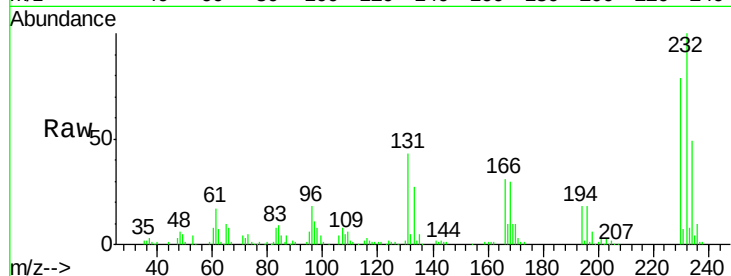




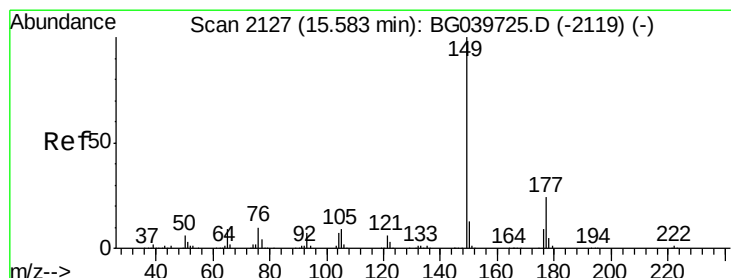
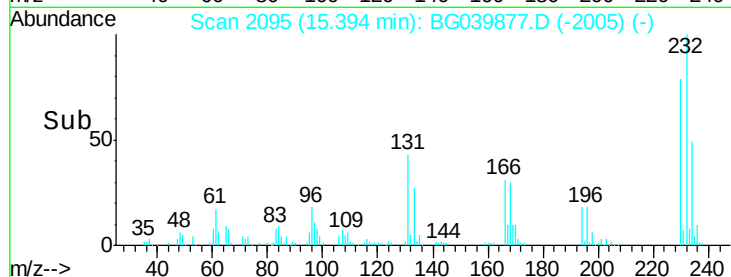
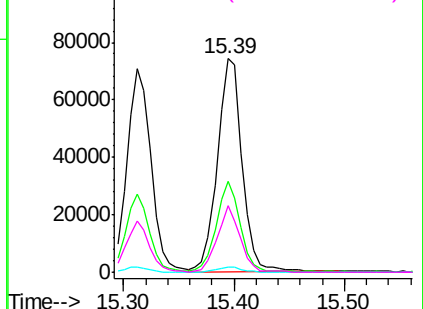
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.961 ng
 RT: 15.39 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tgt Ion: 232 Resp: 115189
 Ion Ratio Lower Upper
 232 100
 131 41.6 34.9 52.3
 130 2.2 2.0 3.0
 166 28.4 24.1 36.1

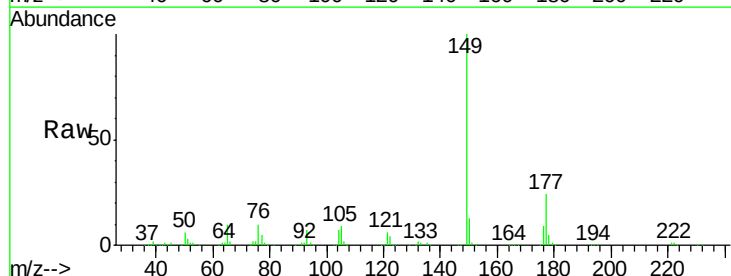


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

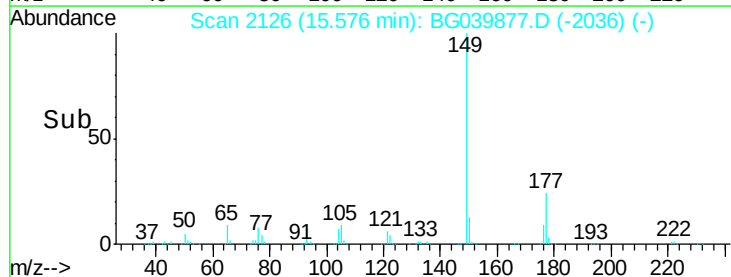
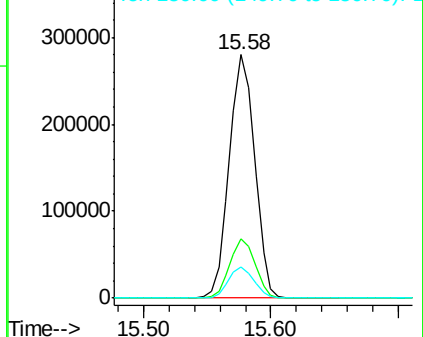


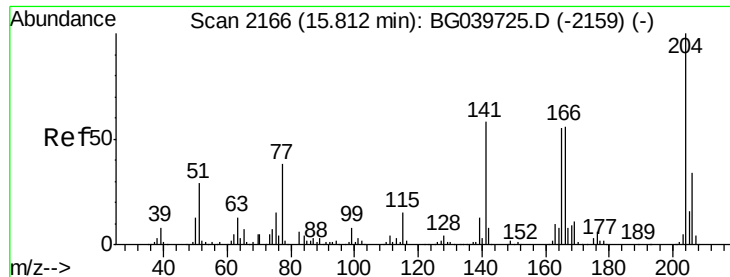
#60
 Diethylphthalate
 Concen: 41.703 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion: 149 Resp: 387816
 Ion Ratio Lower Upper
 149 100
 177 24.4 18.3 27.5
 150 13.0 10.2 15.2



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

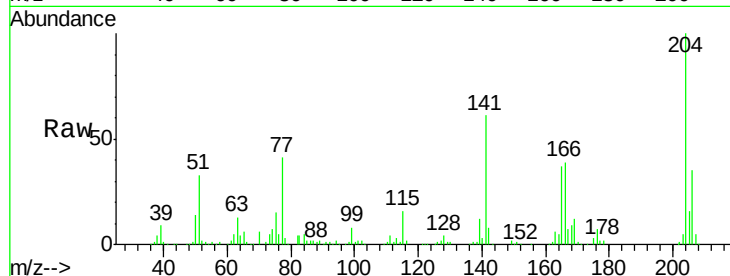




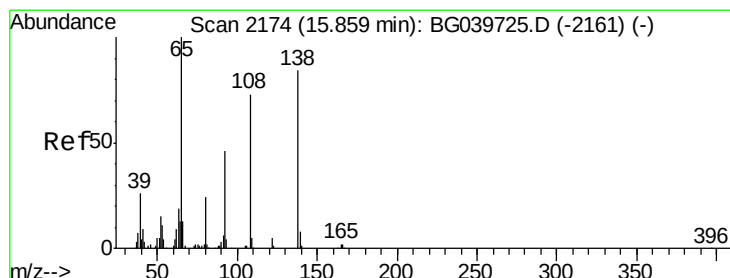
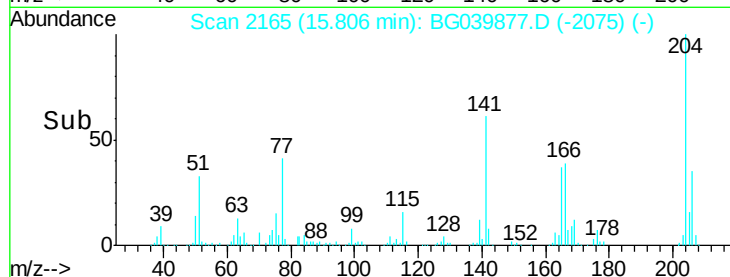
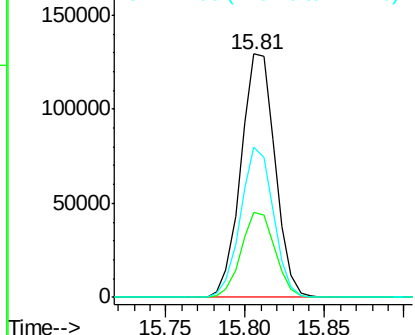
#61
4-Chlorophenyl-phenylether
Concen: 40.802 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Instrument :
BNA_G
ClientSampleId :
PB117829BS

Tgt Ion: 204 Resp: 192879
Ion Ratio Lower Upper
204 100
206 35.0 29.2 43.8
141 61.4 49.0 73.4

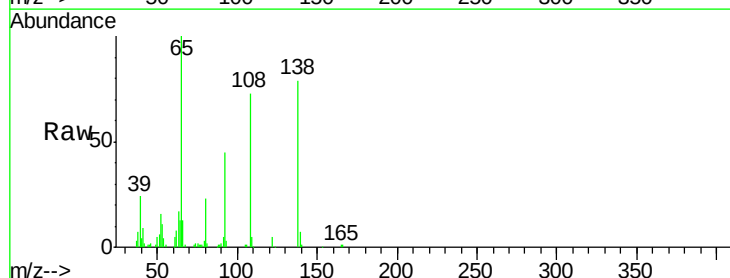


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

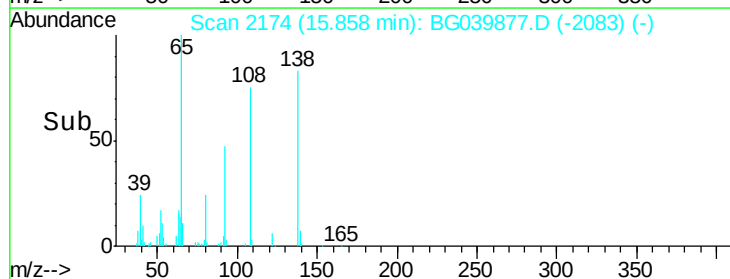
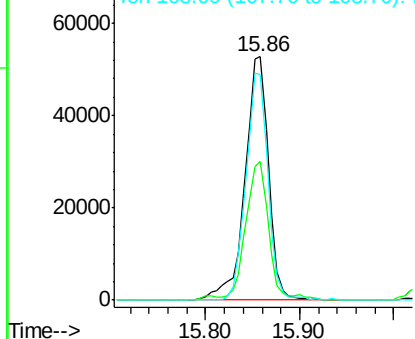


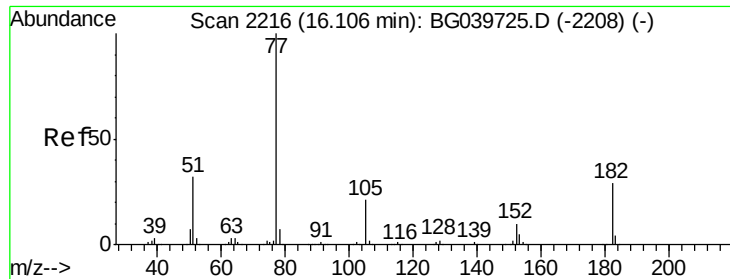
#62
4-Nitroaniline
Concen: 42.344 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion: 138 Resp: 91898
Ion Ratio Lower Upper
138 100
92 56.9 38.7 78.7
108 92.9 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: 42.286 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

Tgt Ion: 77 Resp: 356460

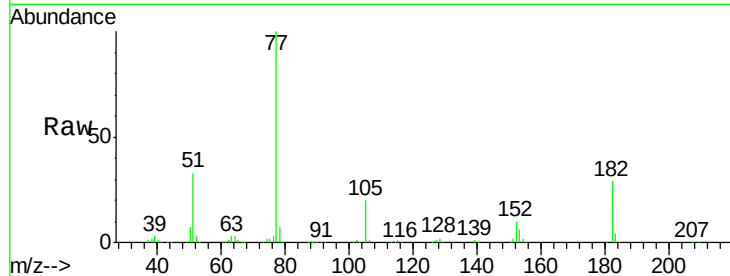
Ion Ratio Lower Upper

77 100

182 28.8 6.4 46.4

105 20.3 0.0 39.8

51 32.9 14.1 54.1

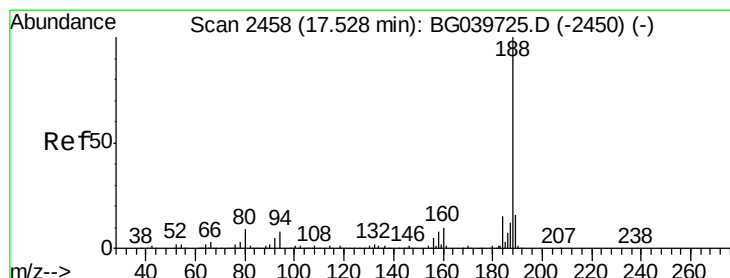
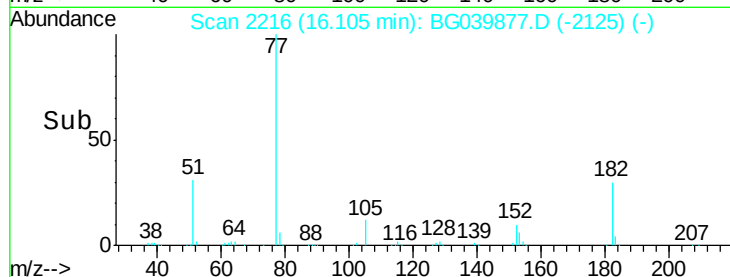
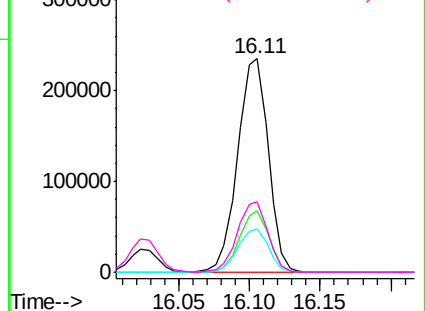


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

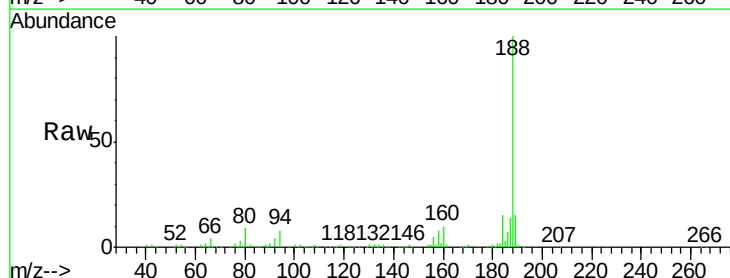
Tgt Ion: 188 Resp: 287074

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

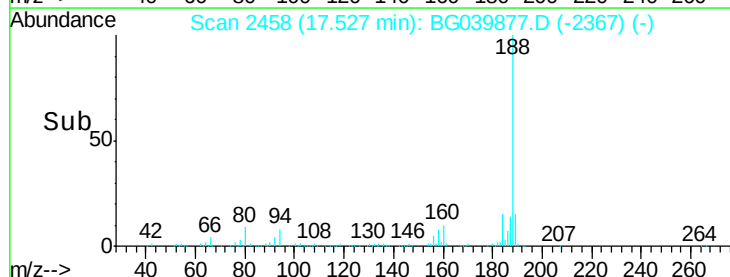
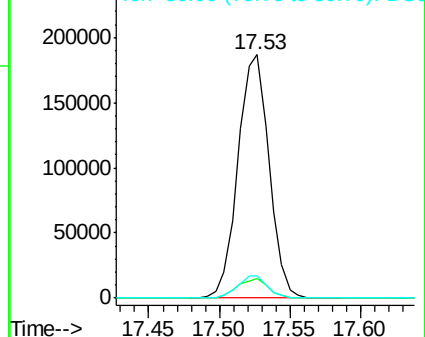
80 8.9 8.1 12.1

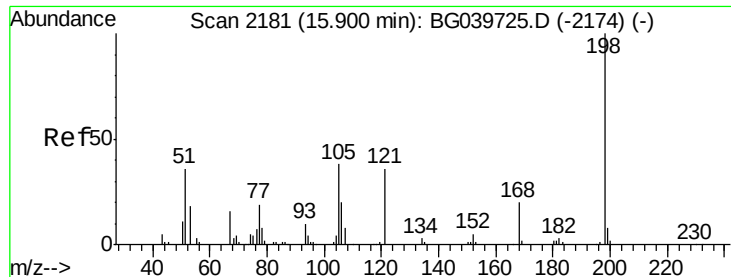


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.896 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

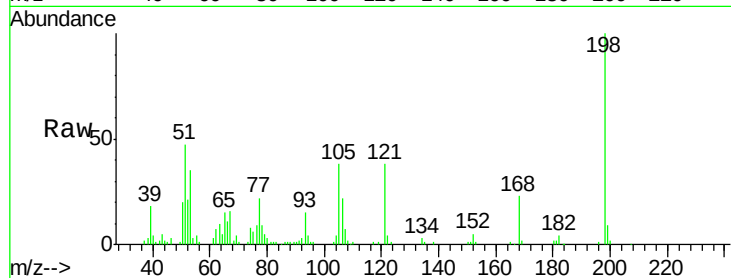
Tgt Ion:198 Resp: 69416

Ion Ratio Lower Upper

198 100

51 46.8 27.4 67.4

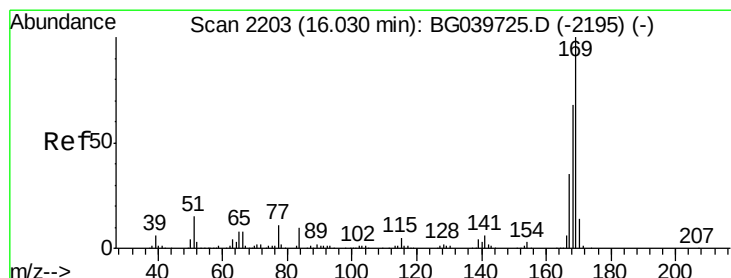
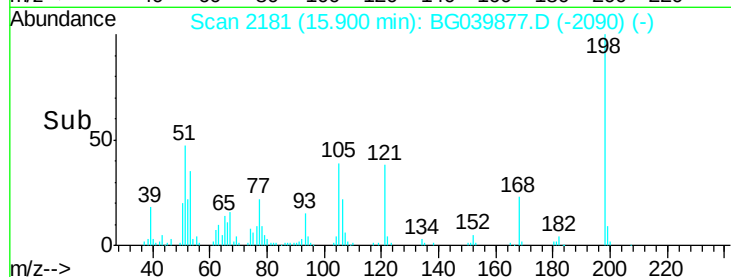
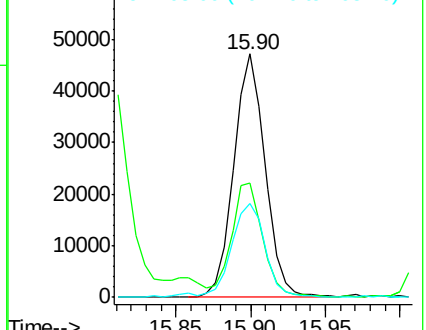
105 38.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039877.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.942 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

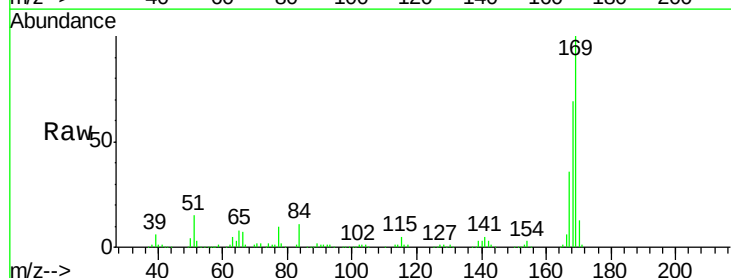
Tgt Ion:169 Resp: 340264

Ion Ratio Lower Upper

169 100

168 69.1 56.6 85.0

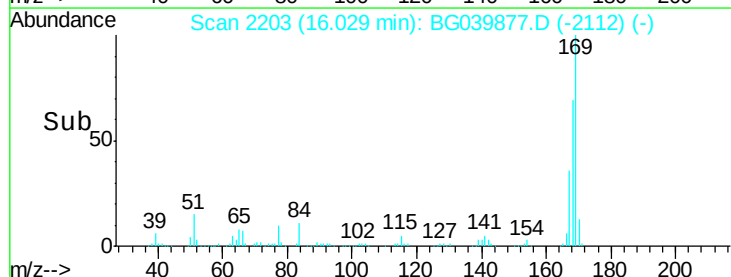
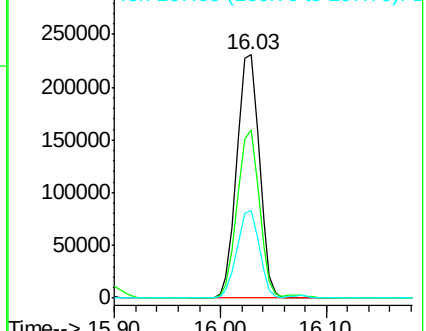
167 36.1 28.8 43.2

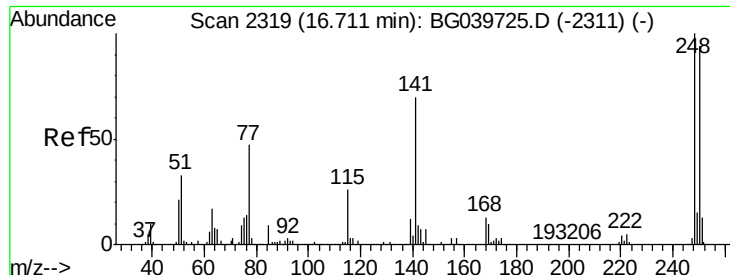


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

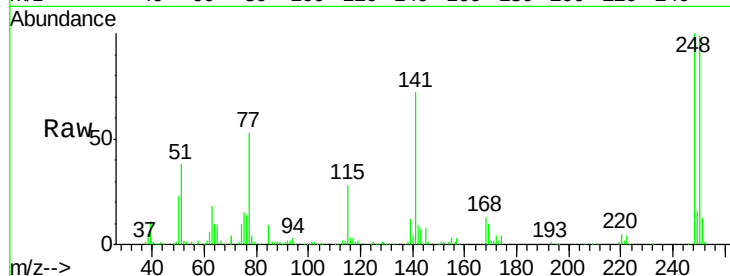




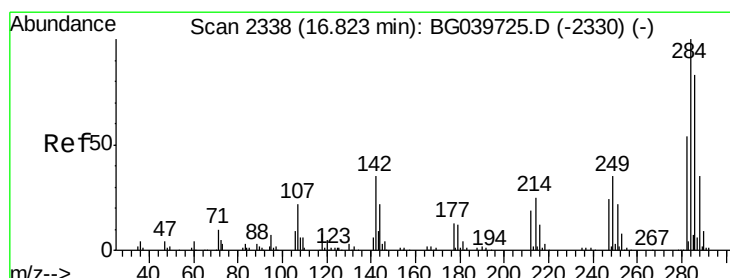
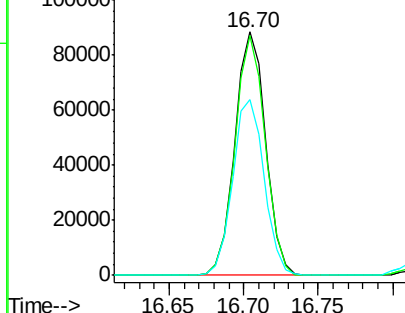
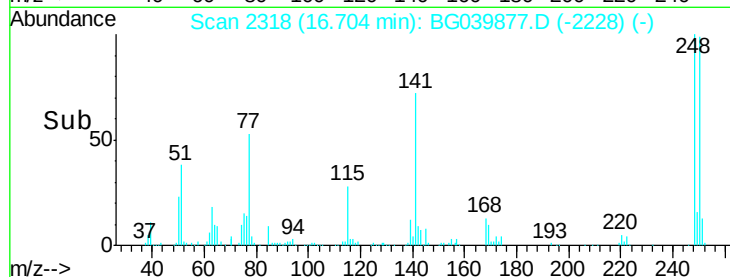
#67
 4-Bromophenyl-phenylether
 Concen: 39.389 ng
 RT: 16.70 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

Tgt Ion:248 Resp: 126570
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.6 116.4
 141 72.1 63.9 95.9

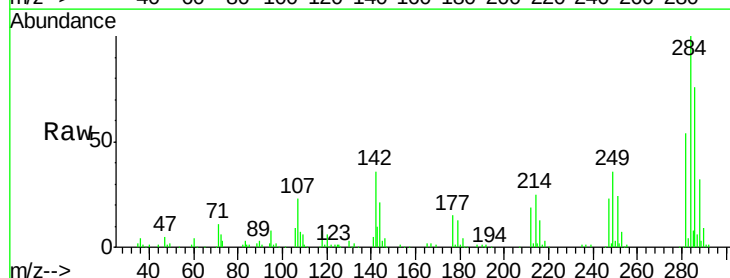


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

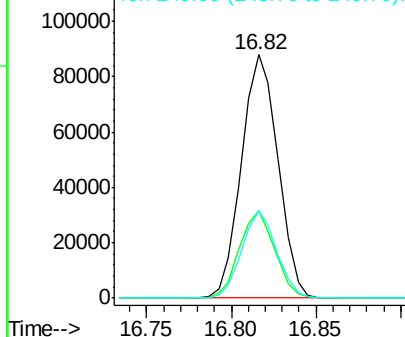
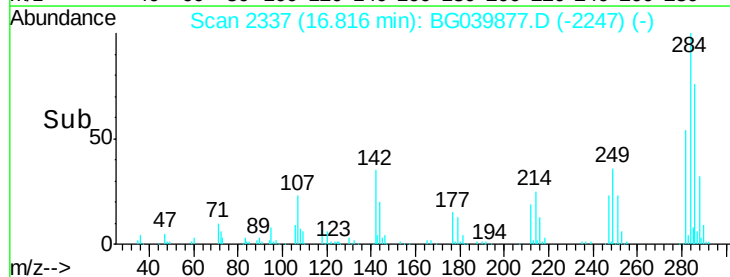


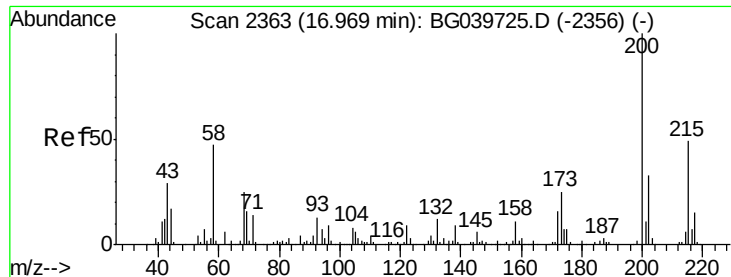
#68
 Hexachlorobenzene
 Concen: 39.717 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion:284 Resp: 132289
 Ion Ratio Lower Upper
 284 100
 142 36.1 30.6 45.8
 249 35.9 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: 42.008 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

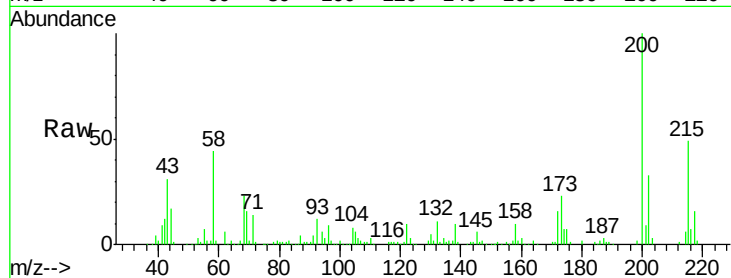
Tgt Ion:200 Resp: 137403

Ion Ratio Lower Upper

200 100

173 23.4 3.9 43.9

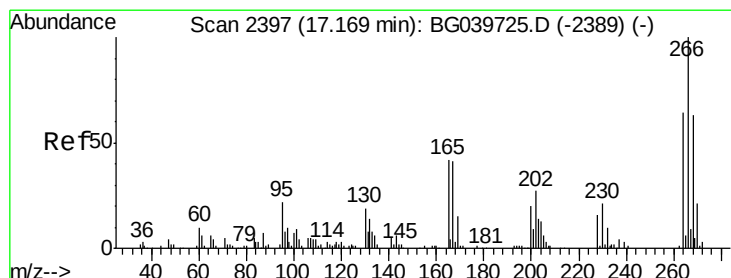
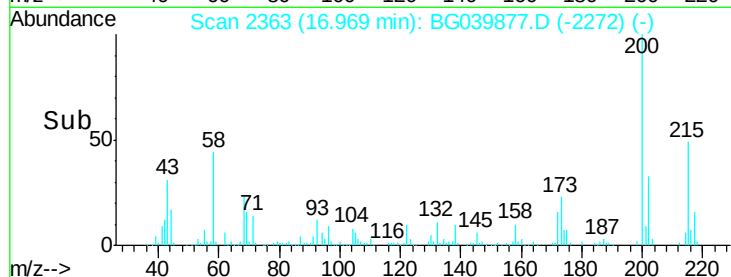
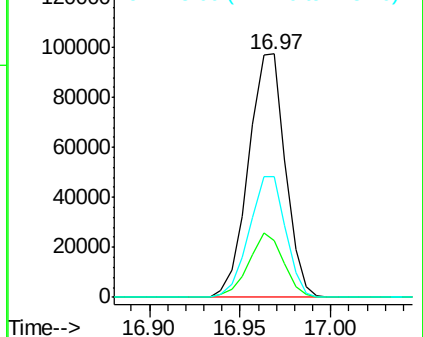
215 49.3 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.712 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

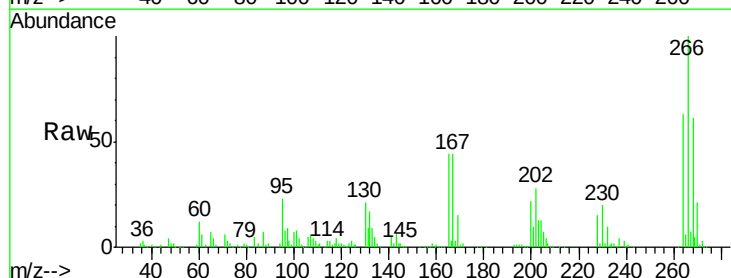
Tgt Ion:266 Resp: 165577

Ion Ratio Lower Upper

266 100

268 61.0 51.1 76.7

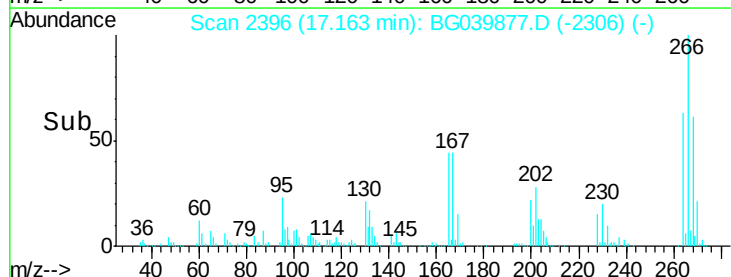
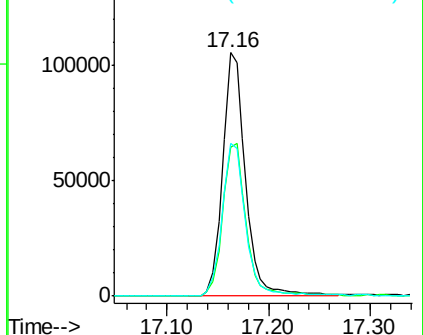
264 62.5 52.1 78.1

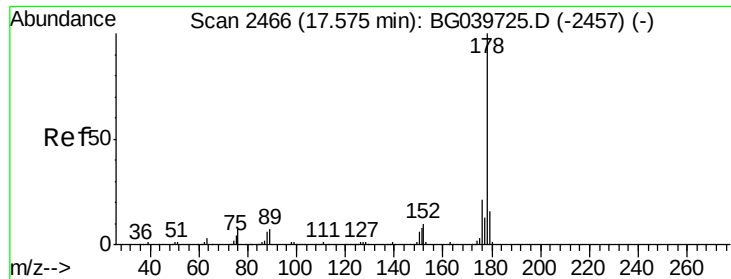


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

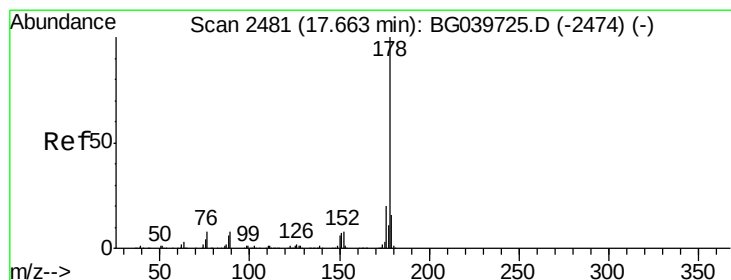
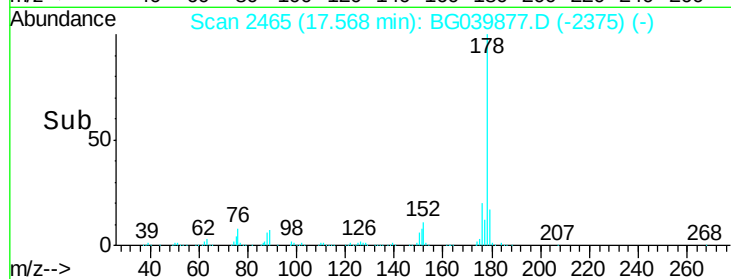
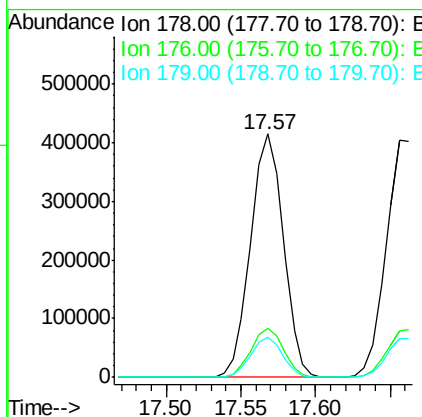
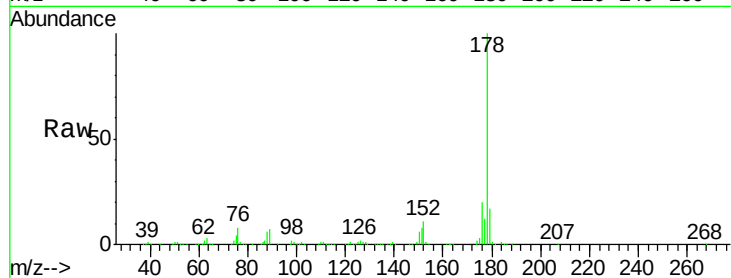




#71
 Phenanthrene
 Concen: 39.897 ng
 RT: 17.57 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

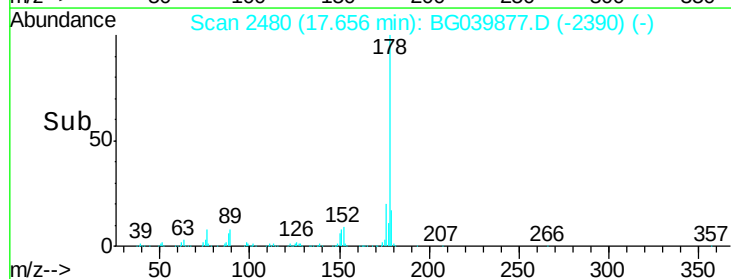
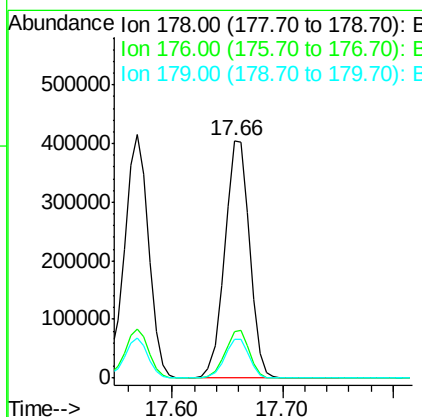
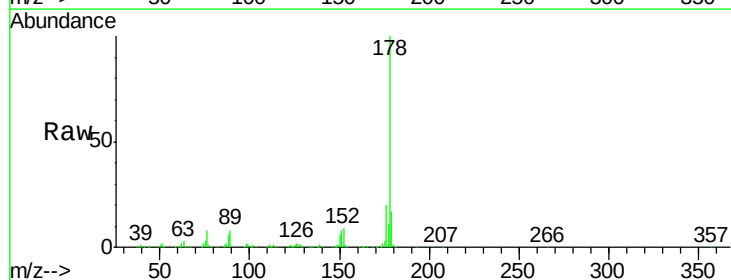
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

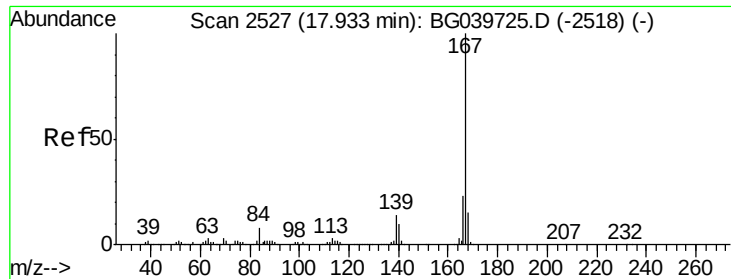
Tgt Ion:178 Resp: 630867
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.6 12.6 19.0



#72
 Anthracene
 Concen: 41.228 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

Tgt Ion:178 Resp: 635279
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.6 12.5 18.7

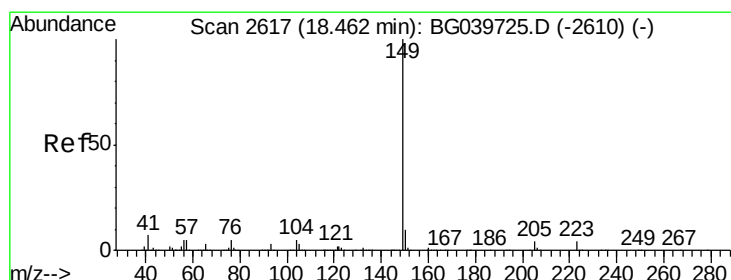
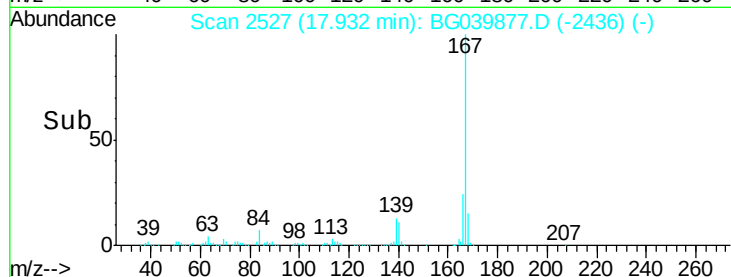
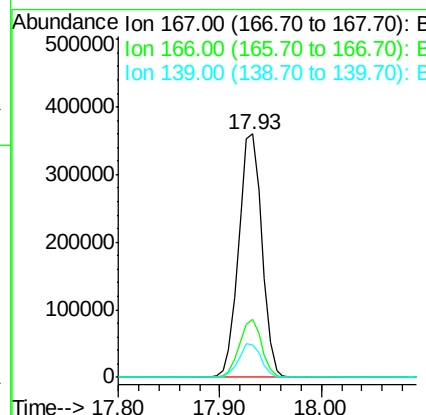
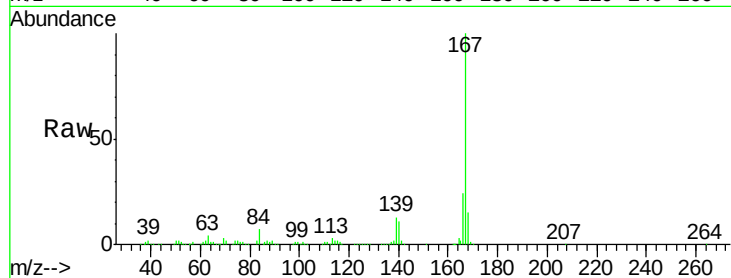




#73
 Carbazole
 Concen: 41.055 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

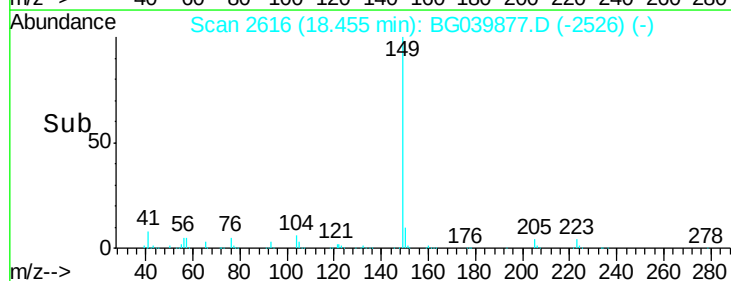
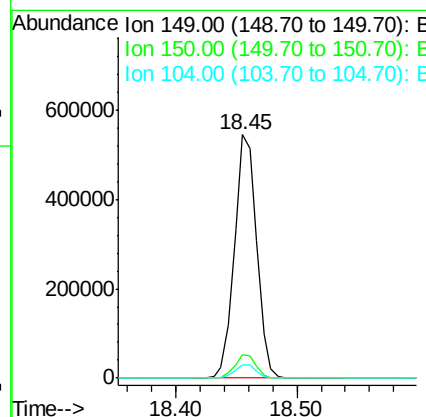
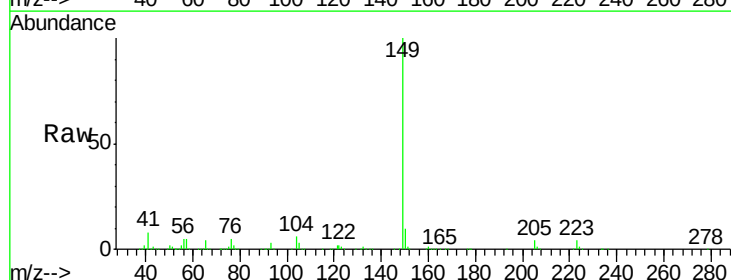
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BS

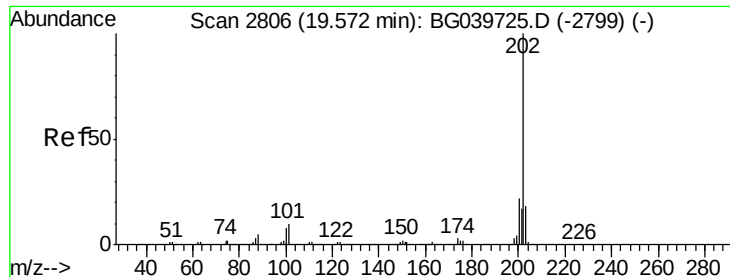
Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.614 ng
 RT: 18.45 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BG039877.D
 Acq: 12 Mar 2019 16:54

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





#75

Fluoranthene

Concen: 41.647 ng

RT: 19.57 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

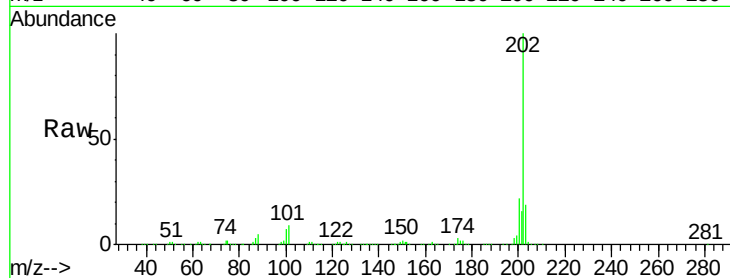
Tgt Ion:202 Resp: 778283

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

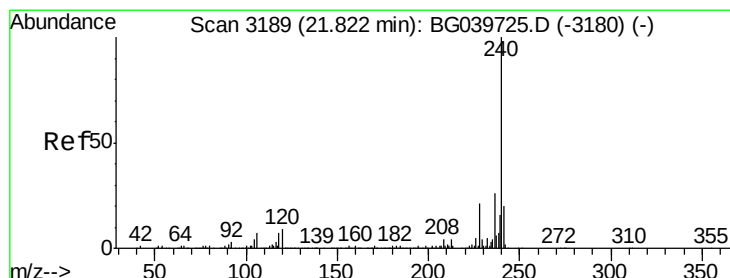
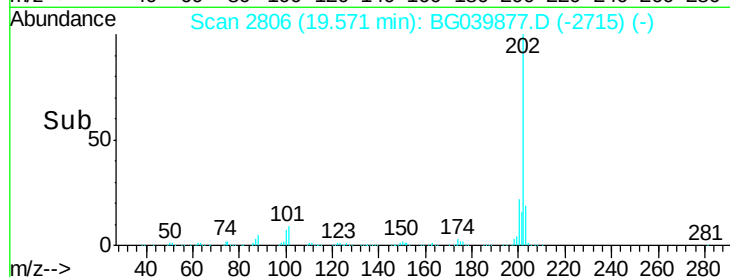
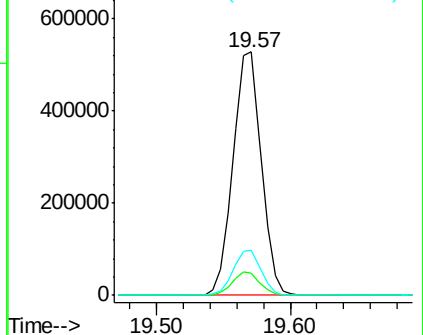
203 18.7 0.0 38.9



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. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

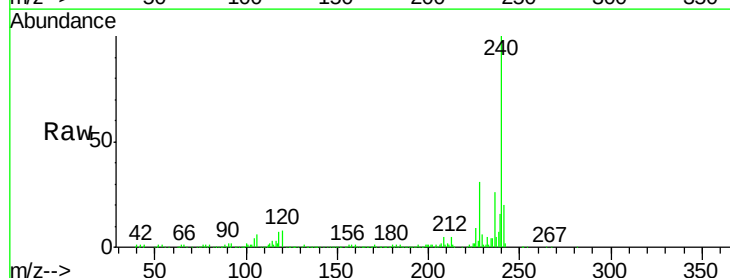
Tgt Ion:240 Resp: 296367

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

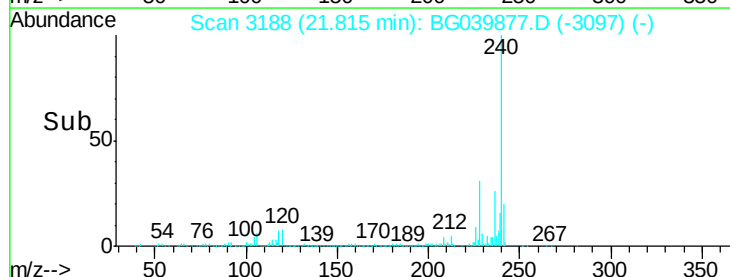
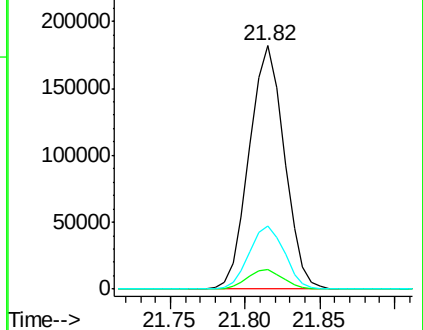
236 26.0 21.0 31.4

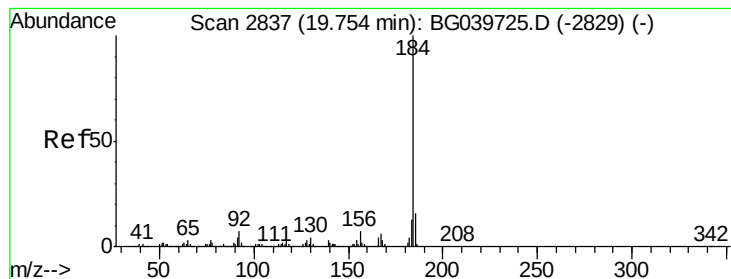


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.704 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

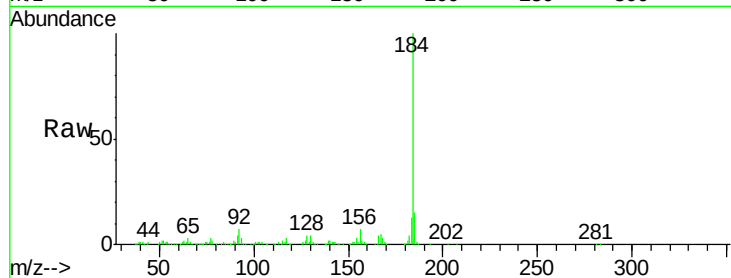
Tgt Ion:184 Resp: 279350

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

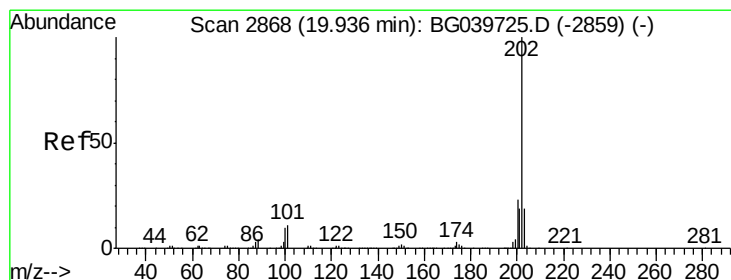
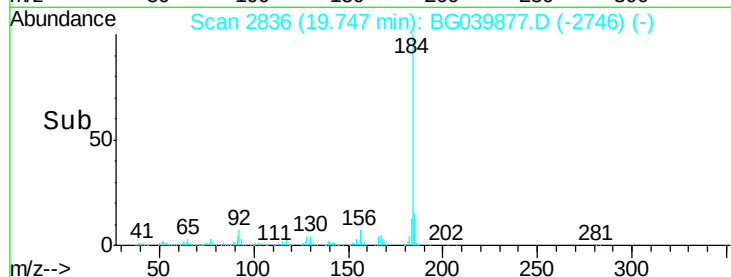
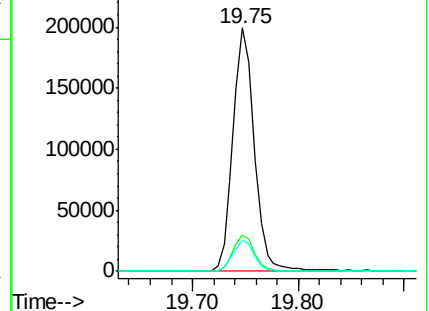
183 13.0 10.6 15.8



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: 40.619 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

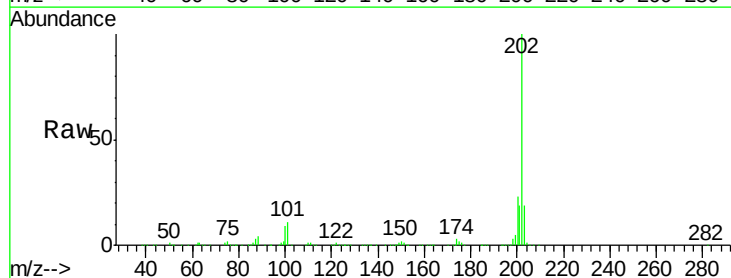
Tgt Ion:202 Resp: 782241

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

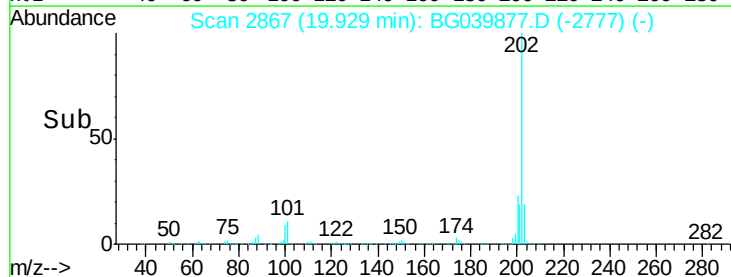
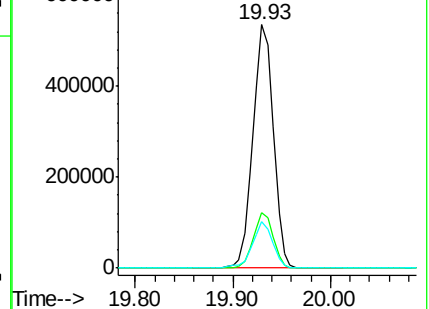
203 19.1 15.3 22.9

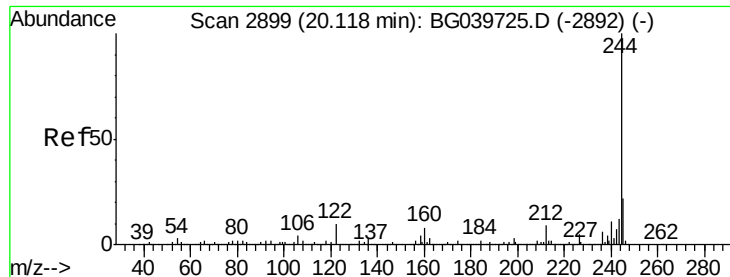


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.039 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampled :

PB117829BS

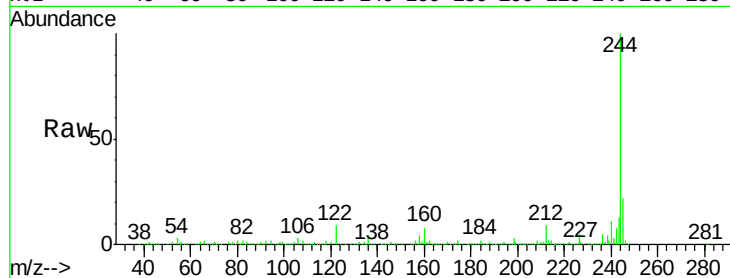
Tgt Ion:244 Resp: 1050418

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

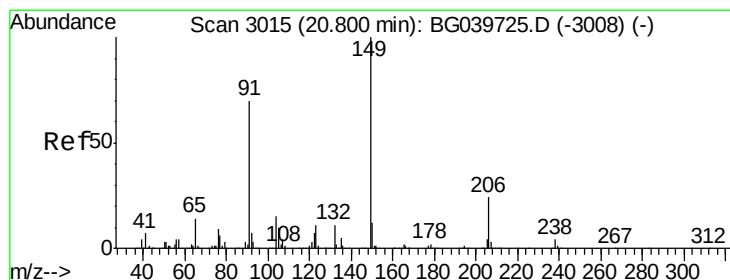
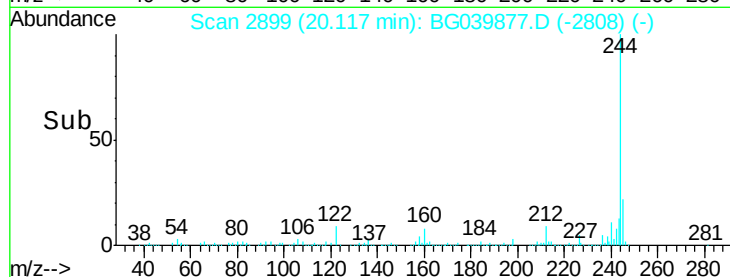
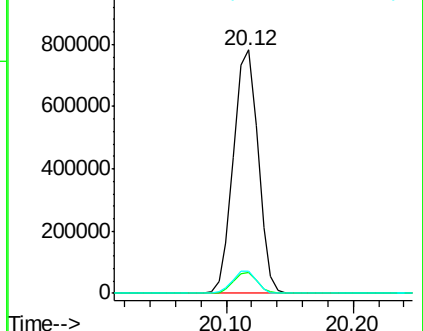
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.965 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

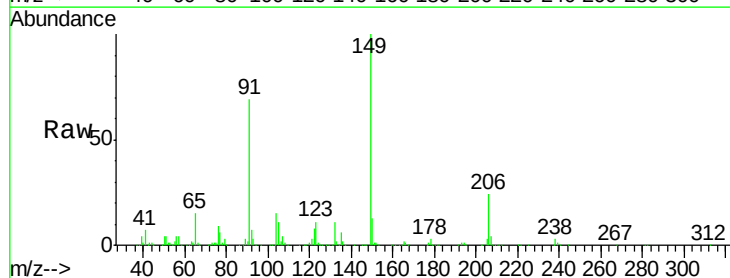
Tgt Ion:149 Resp: 328024

Ion Ratio Lower Upper

149 100

91 69.0 59.5 89.3

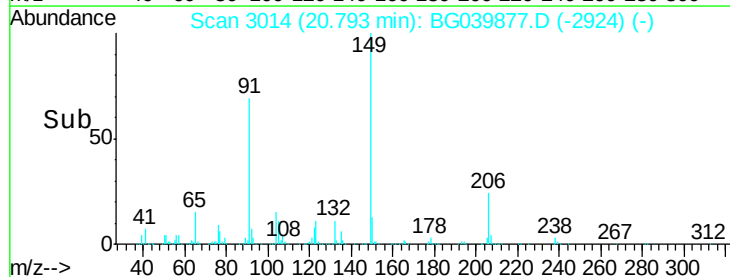
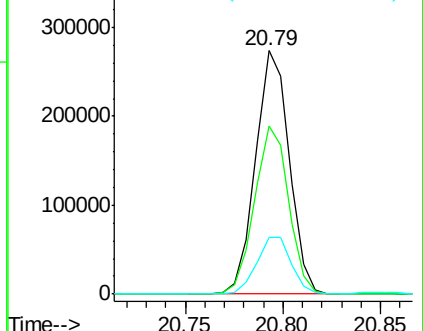
206 23.6 18.6 27.8

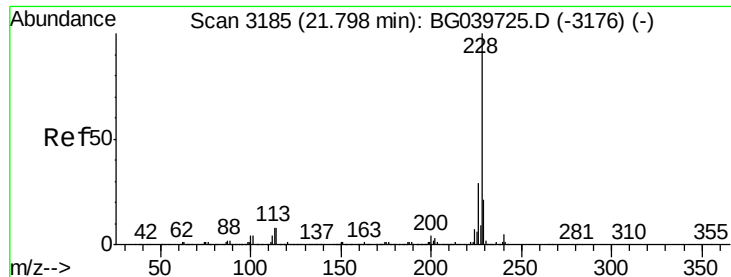


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.181 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

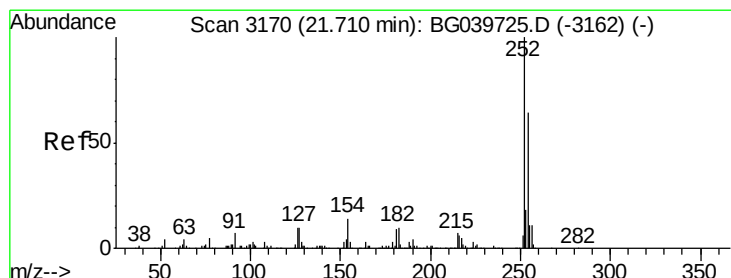
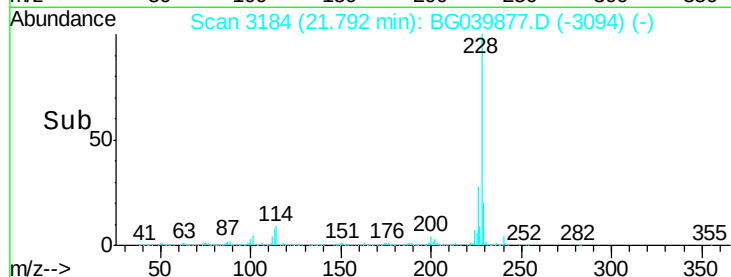
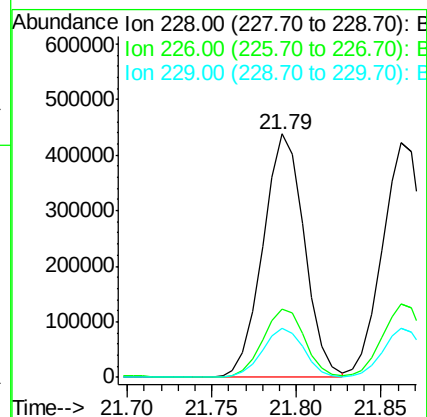
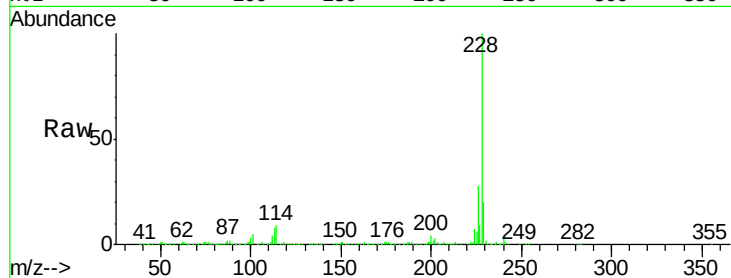
Tgt Ion:228 Resp: 746322

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.6

229 19.9 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 27.182 ng

RT: 21.70 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

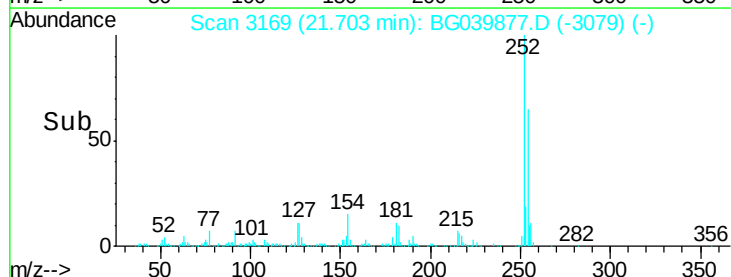
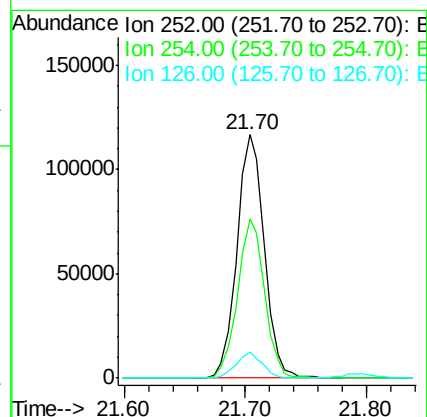
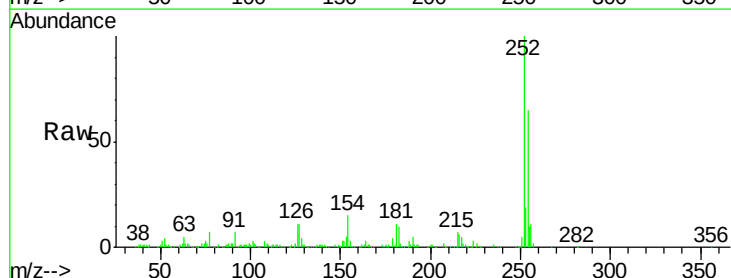
Tgt Ion:252 Resp: 184331

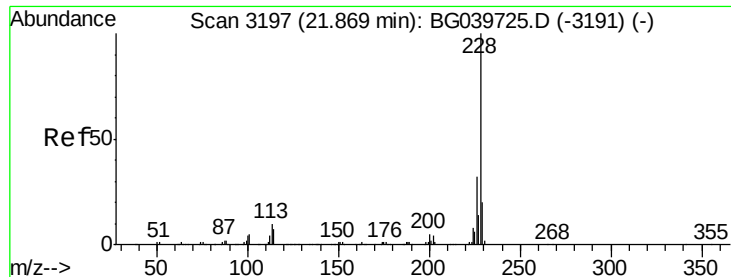
Ion Ratio Lower Upper

252 100

254 65.3 51.3 76.9

126 10.9 8.0 12.0





#83

Chrysene

Concen: 39.994 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

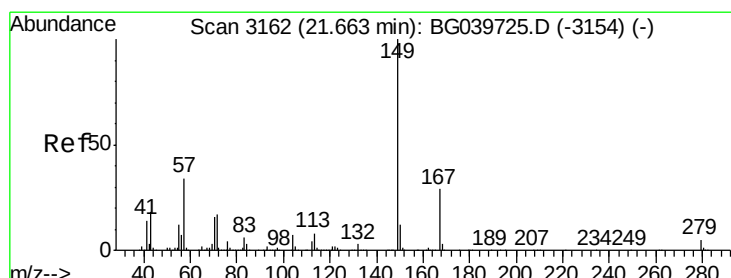
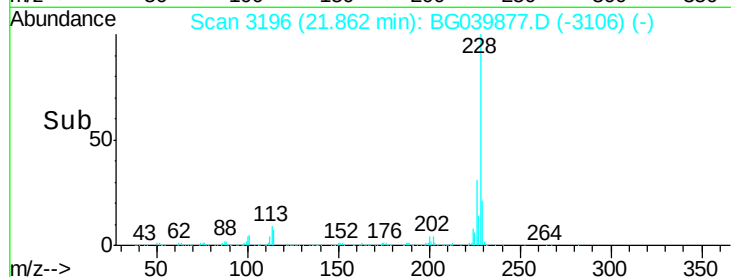
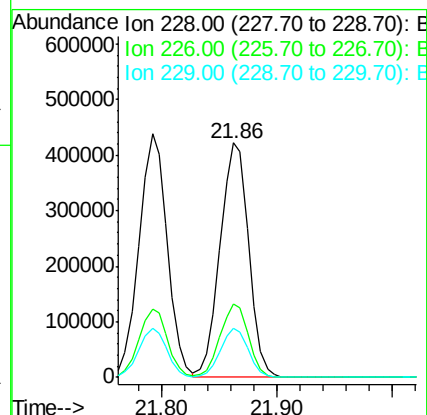
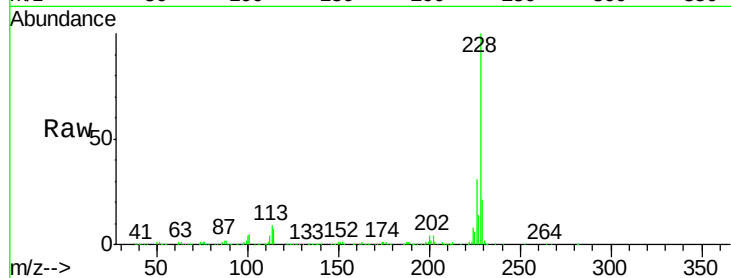
Tgt Ion:228 Resp: 720182

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.6

229 20.9 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.545 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

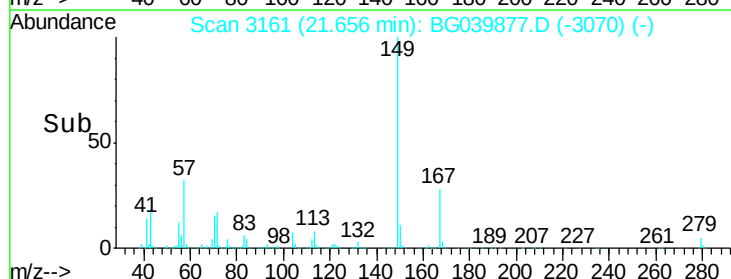
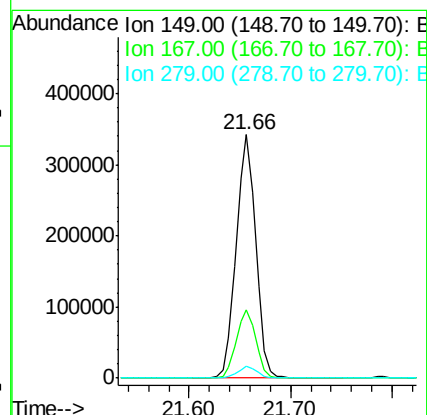
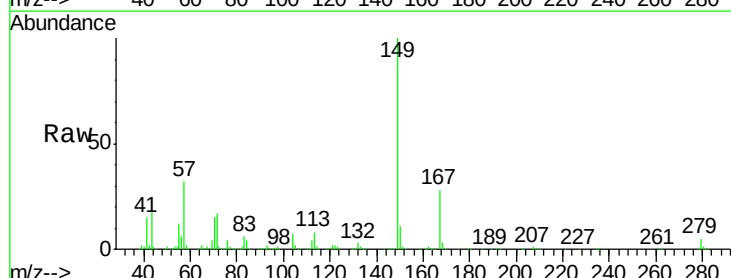
Tgt Ion:149 Resp: 456554

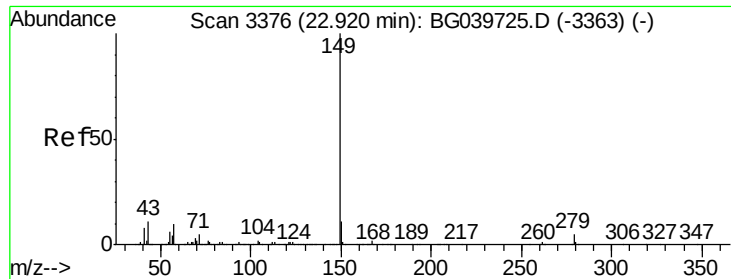
Ion Ratio Lower Upper

149 100

167 28.3 22.6 34.0

279 4.9 3.5 5.3

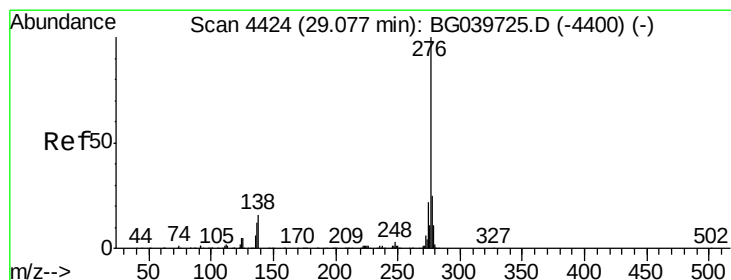
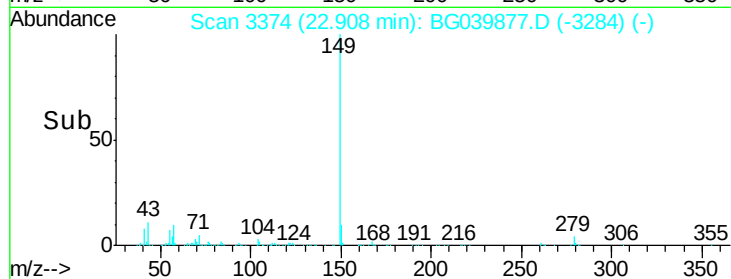
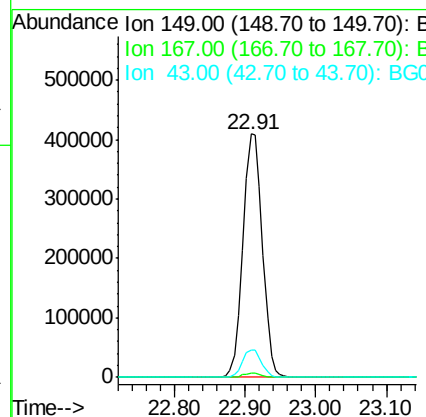
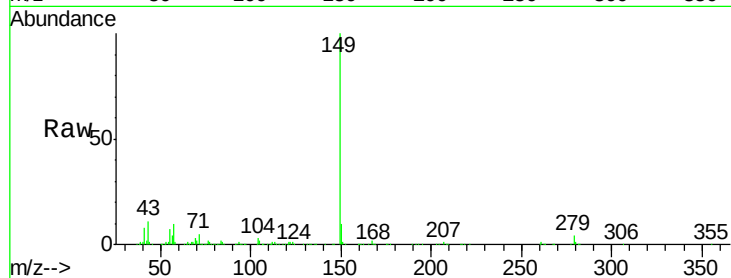




#85
Di-n-octyl phthalate
Concen: 44.791 ng
RT: 22.91 min Scan# 3374
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

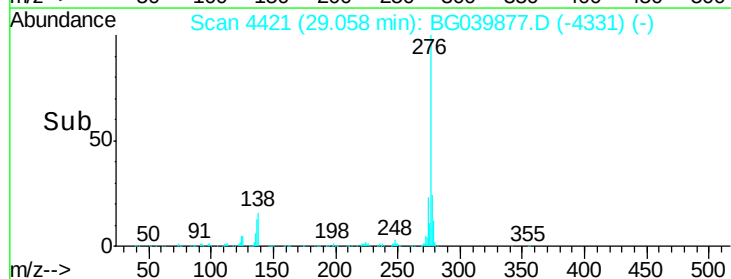
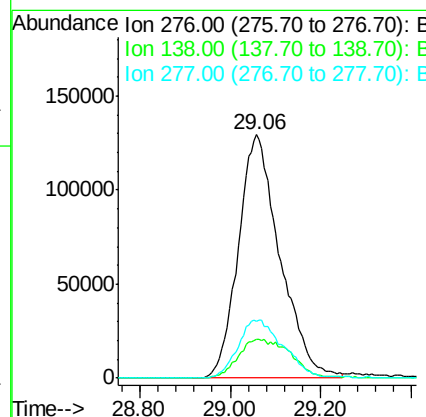
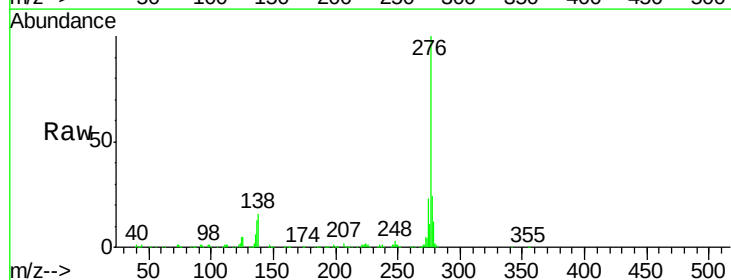
Instrument :
BNA_G
ClientSampleId :
PB117829BS

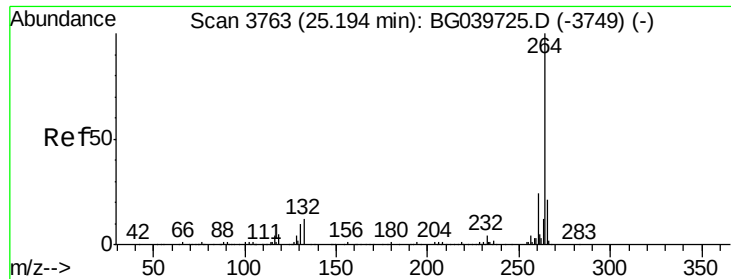
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.331 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	12.6	19.0#
277	25.9	20.8	31.2

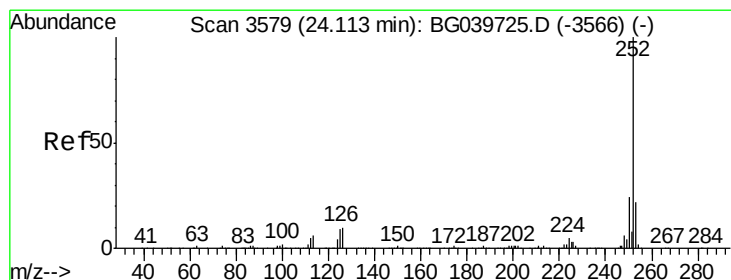
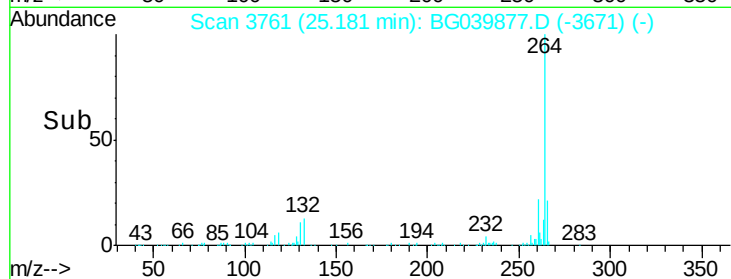
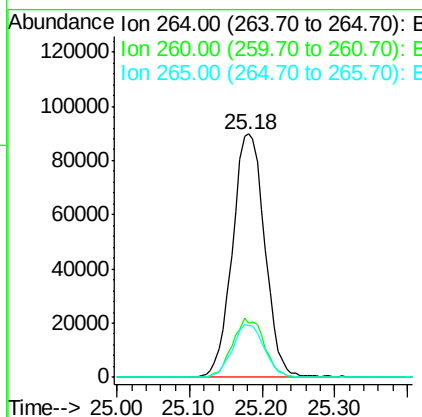
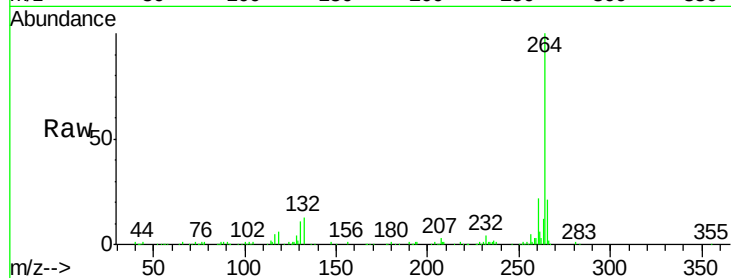




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3761
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

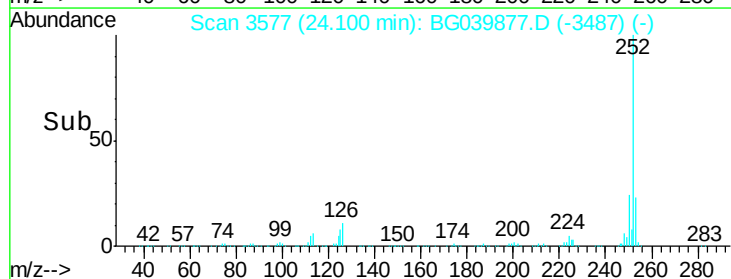
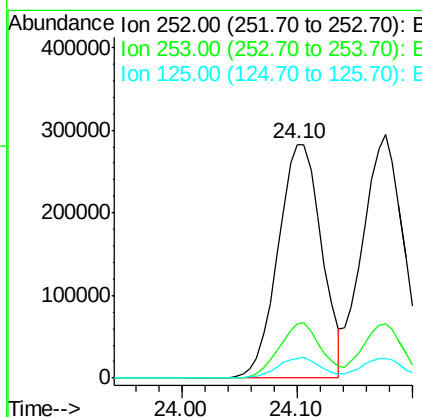
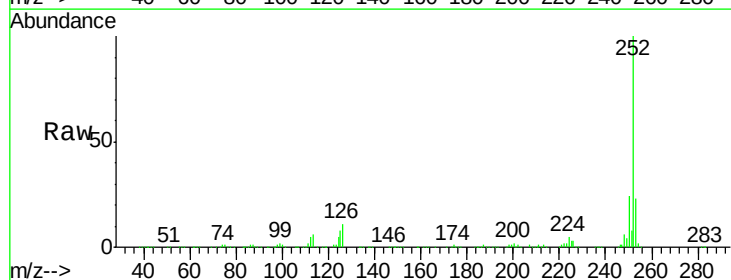
Instrument :
BNA_G
ClientSampleId :
PB117829BS

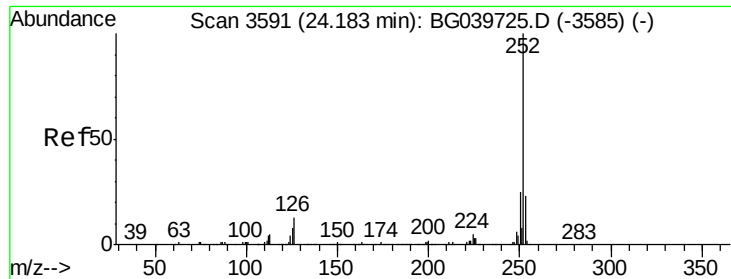
Tgt Ion:264 Resp: 277119
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 21.1 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 44.636 ng
RT: 24.10 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:252 Resp: 737620
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 8.2 7.8 11.6

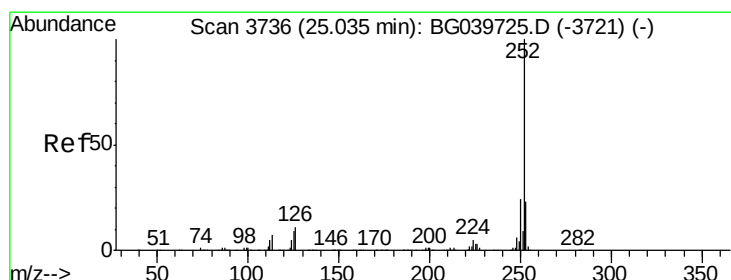
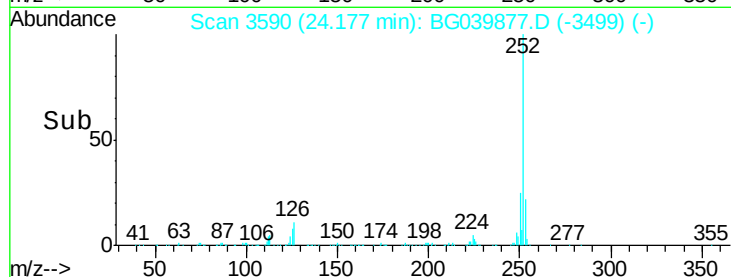
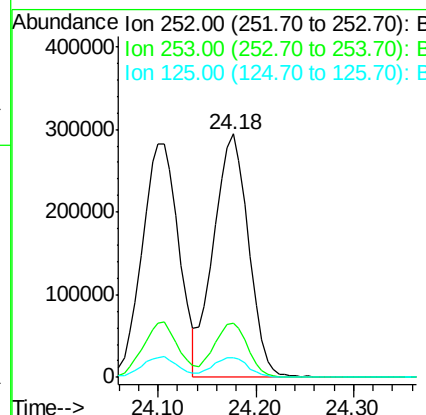
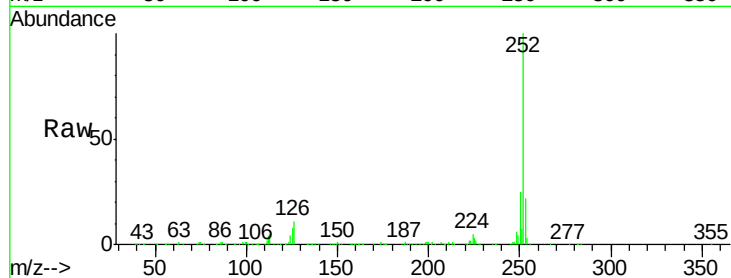




#89
Benzo(k)fluoranthene
Concen: 47.283 ng
RT: 24.18 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

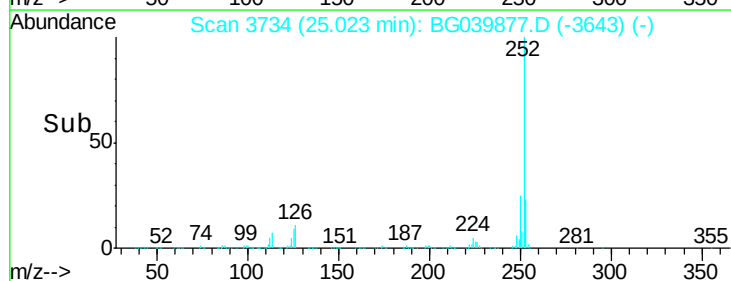
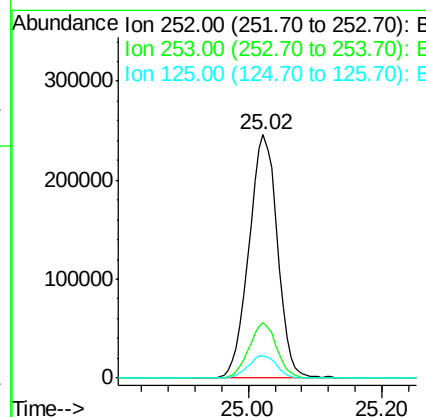
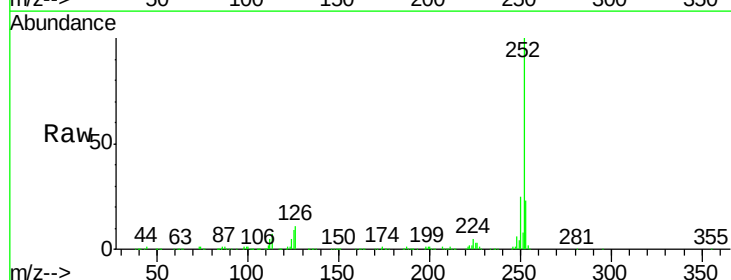
Instrument :
BNA_G
ClientSampleId :
PB117829BS

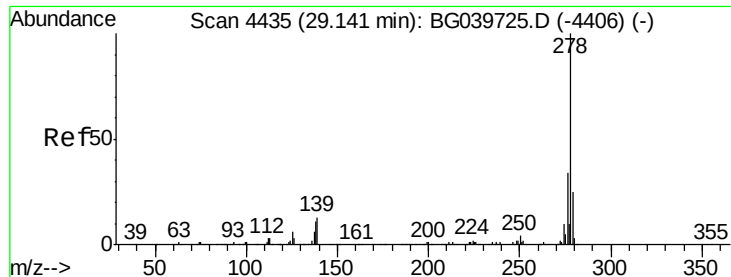
Tgt Ion:252 Resp: 727329
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 7.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.947 ng
RT: 25.02 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG039877.D
Acq: 12 Mar 2019 16:54

Tgt Ion:252 Resp: 716882
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 45.214 ng

RT: 29.12 min Scan# 4432

Delta R.T. -0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

Instrument :

BNA_G

ClientSampleId :

PB117829BS

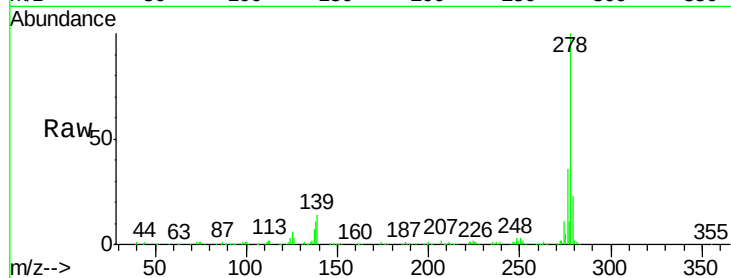
Tgt Ion: 278 Resp: 676861

Ion Ratio Lower Upper

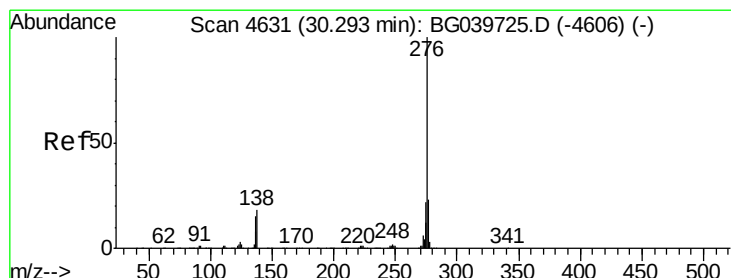
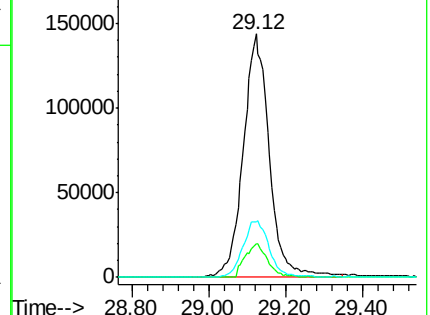
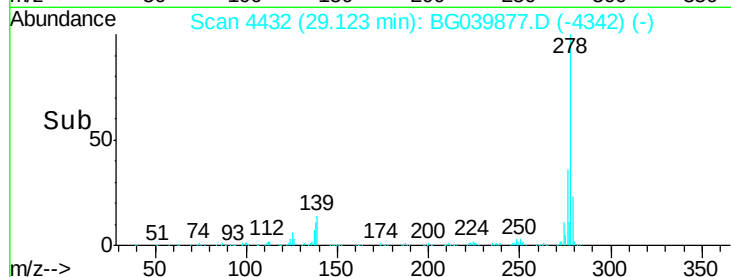
278 100

139 14.0 11.7 17.5

279 22.6 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: 45.243 ng

RT: 30.28 min Scan# 4629

Delta R.T. 0.00 min

Lab File: BG039877.D

Acq: 12 Mar 2019 16:54

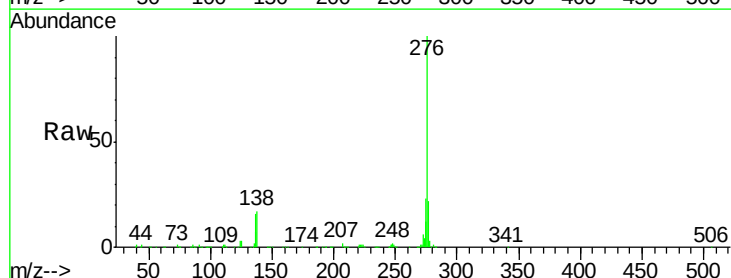
Tgt Ion: 276 Resp: 680221

Ion Ratio Lower Upper

276 100

277 22.0 19.6 29.4

138 16.6 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

