

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039837.D
 Acq On : 11 Mar 2019 11:58
 Operator : JU/SJ
 Sample : PB117735BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 11 13:07:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37407	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	171123	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	120553	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	309639	20.00	ng	-0.01
76) Chrysene-d12	21.82	240	318387	20.00	ng	-0.01
87) Perylene-d12	25.19	264	293443	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	321619	146.68	ng	-0.01
7) Phenol-d6	7.30	99	457543	139.95	ng	-0.01
23) Nitrobenzene-d5	9.33	82	248390	78.50	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	192496	136.99	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	633382	74.81	ng	-0.01
79) Terphenyl-d14	20.12	244	1126752	77.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	35201	34.774	ng	99
3) Pyridine	3.99	79	90924	33.550	ng	95
4) n-Nitrosodimethylamine	3.91	42	49803	38.738	ng	87
6) Aniline	7.48	93	127544	29.777	ng	99
8) 2-Chlorophenol	7.71	128	118127	44.407	ng	97
9) Benzaldehyde	7.30	77	50343	23.871	ng	94
10) Phenol	7.33	94	160153	45.218	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	110940	40.175	ng	95
12) 1,3-Dichlorobenzene	8.04	146	117743	39.137	ng	96
13) 1,4-Dichlorobenzene	8.19	146	118474	38.661	ng	98
14) 1,2-Dichlorobenzene	8.51	146	116023	39.186	ng	98
15) Benzyl Alcohol	8.39	79	111797	43.108	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216219	39.149	ng	100
17) 2-Methylphenol	8.59	107	106602	47.203	ng	97
18) Hexachloroethane	9.24	117	41109	37.386	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	92551	39.329	ng	94
20) 3+4-Methylphenols	8.91	107	143649	45.786	ng	97
22) Acetophenone	8.98	105	175561	38.225	ng	# 95
24) Nitrobenzene	9.38	77	139311	41.970	ng	97
25) Isophorone	9.89	82	265121	39.990	ng	98
26) 2-Nitrophenol	10.09	139	64915	40.506	ng	# 95
27) 2,4-Dimethylphenol	10.13	122	124872	50.099	ng	97
28) bis(2-Chloroethoxy)methane	10.37	93	161318	40.041	ng	98
29) 2,4-Dichlorophenol	10.62	162	131205	46.754	ng	99
30) 1,2,4-Trichlorobenzene	10.83	180	128480	40.686	ng	98
31) Naphthalene	11.03	128	372377	41.100	ng	100
32) Benzoic acid	10.26	122	62866	38.283	ng	97
33) 4-Chloroaniline	11.14	127	97052	25.261	ng	96
34) Hexachlorobutadiene	11.29	225	83962	38.910	ng	97
35) Caprolactam	11.92	113	29899	27.891	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	145954	45.371	ng	99
37) 2-Methylnaphthalene	12.62	142	282617	41.723	ng	99
38) 1-Methylnaphthalene	12.84	142	272842	41.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	159044	38.943	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	190117	86.865	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	111544	46.651	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	121112	44.938	ng	97
46) 1,1'-Biphenyl	13.62	154	393300	39.666	ng	100
47) 2-Chloronaphthalene	13.66	162	305101	40.903	ng	98
48) 2-Nitroaniline	13.88	65	106010	44.223	ng	92
49) Acenaphthylene	14.51	152	497158	40.601	ng	99
50) Dimethylphthalate	14.23	163	414066	41.076	ng	99
51) 2,6-Dinitrotoluene	14.36	165	92488	43.279	ng	96
52) Acenaphthene	14.84	154	298774	40.539	ng	98
53) 3-Nitroaniline	14.69	138	65932	30.692	ng	# 94
54) 2,4-Dinitrophenol	14.90	184	92025	69.054	ng	94
55) Dibenzofuran	15.18	168	502109	41.524	ng	100
56) 4-Nitrophenol	14.99	139	161390	83.984	ng	93
57) 2,4-Dinitrotoluene	15.14	165	134510	44.795	ng	84
58) Fluorene	15.83	166	393551	41.401	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.40	232	120539	45.796	ng	97
60) Diethylphthalate	15.58	149	430695	43.160	ng	97
61) 4-Chlorophenyl-phenylether	15.81	204	208573	41.118	ng	98
62) 4-Nitroaniline	15.86	138	100824	43.293	ng	95
63) Azobenzene	16.10	77	377405	41.722	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72036	39.347	ng	97
66) n-Nitrosodiphenylamine	16.03	169	372502	41.555	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	136907	39.501	ng	95
68) Hexachlorobenzene	16.82	284	146007	40.641	ng	97
69) Atrazine	16.97	200	150469	42.651	ng	96
70) Pentachlorophenol	17.16	266	180842	79.703	ng	98
71) Phenanthrene	17.57	178	688407	40.363	ng	99
72) Anthracene	17.66	178	692445	41.663	ng	99
73) Carbazole	17.93	167	623301	41.600	ng	98
74) Di-n-butylphthalate	18.46	149	758139	43.006	ng	99
75) Fluoranthene	19.57	202	845891	41.967	ng	99
77) Benzidine	19.75	184	308495	30.534	ng	99
78) Pyrene	19.93	202	843578	40.774	ng	99
80) Butylbenzylphthalate	20.80	149	349205	43.566	ng	95
81) Benzo(a)anthracene	21.79	228	793357	39.759	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	205230	28.171	ng	99
83) Chrysene	21.86	228	760506	39.313	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	485658	43.117	ng	98
85) Di-n-octyl phthalate	22.92	149	824180	44.192	ng	95
86) Indeno(1,2,3-cd)pyrene	29.07	276	881125	40.150	ng	97
88) Benzo(b)fluoranthene	24.10	252	804819	45.993	ng	99
89) Benzo(k)fluoranthene	24.18	252	752423	46.193	ng	99
90) Benzo(a)pyrene	25.03	252	763229	47.201	ng	99
91) Dibenzo(a,h)anthracene	29.13	278	730143	46.060	ng	99
92) Benzo(g,h,i)perylene	30.29	276	731824	45.967	ng	97

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

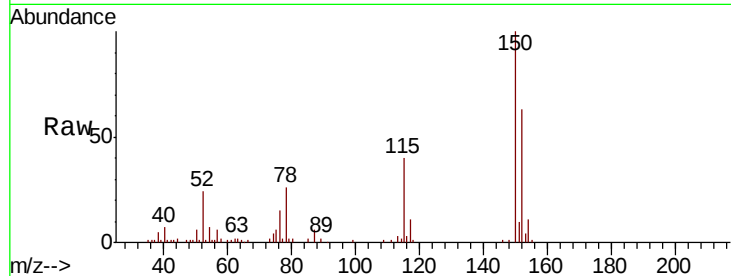


#1

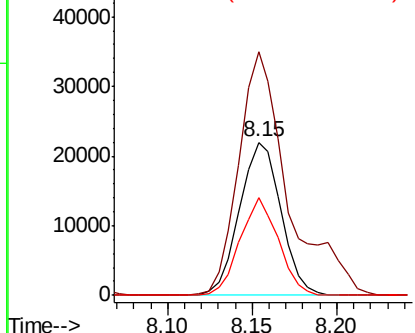
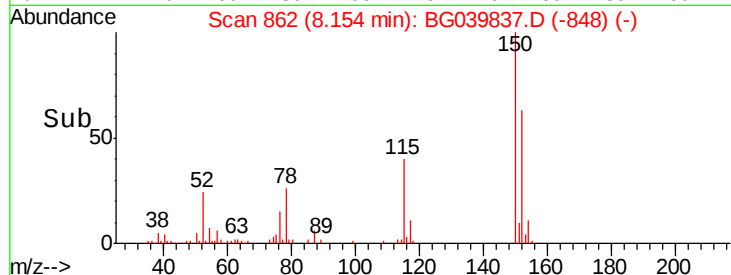
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 37407
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 63.8 45.9 68.9



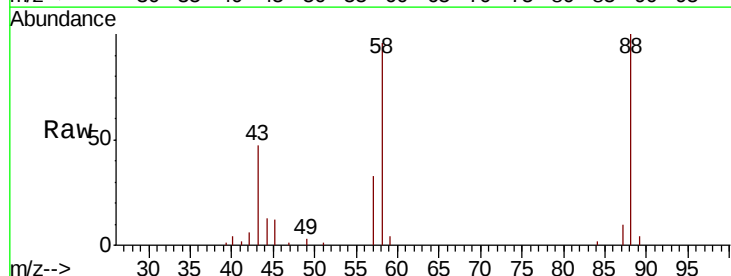
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



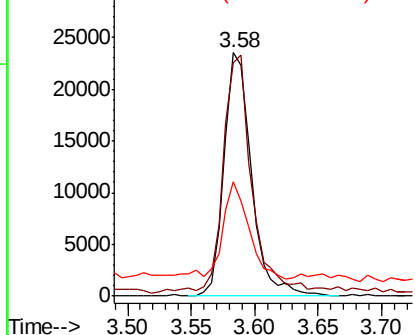
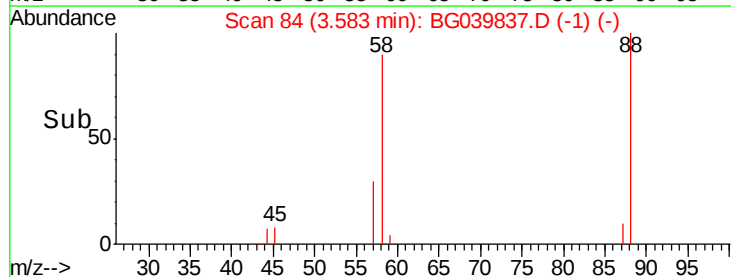
#2

1,4-Dioxane
Concen: 34.774 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion: 88 Resp: 35201
Ion Ratio Lower Upper
88 100
58 102.7 81.1 121.7
43 38.3 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

Pvridine

Concen: 33.550 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

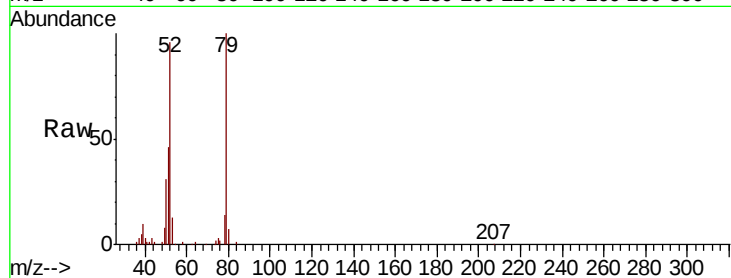
Tot Ion: 79 Resp: 90924

Ion Ratio Lower Upper

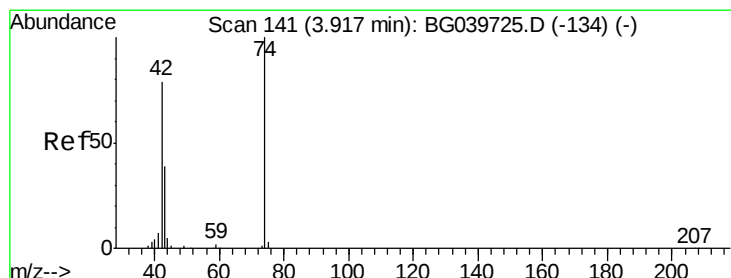
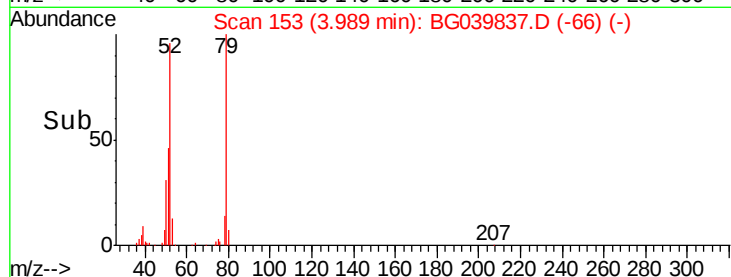
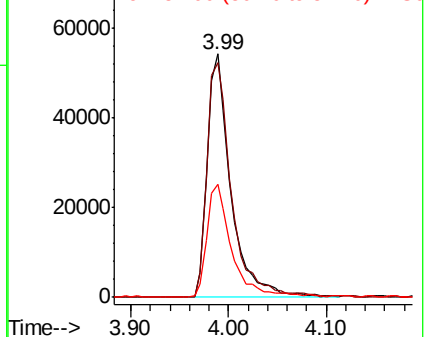
79 100

52 96.5 82.6 124.0

51 46.4 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.738 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

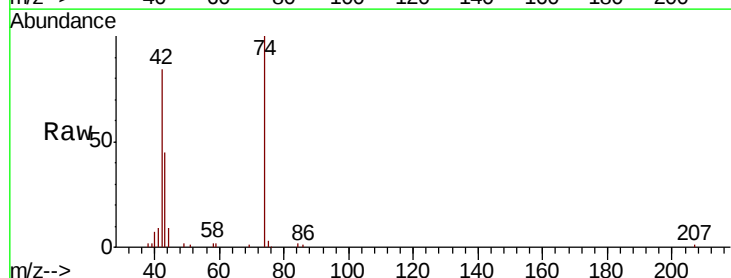
Tgt Ion: 42 Resp: 49803

Ion Ratio Lower Upper

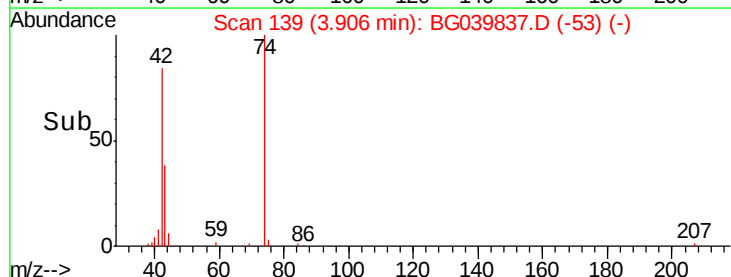
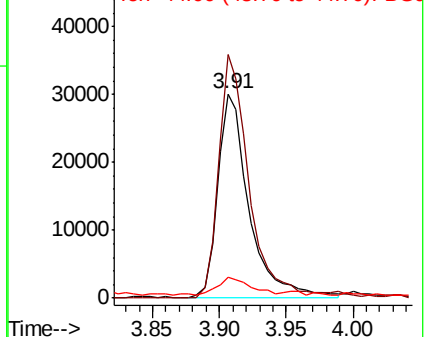
42 100

74 119.0 83.6 125.4

44 10.2 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 146.680 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampled :

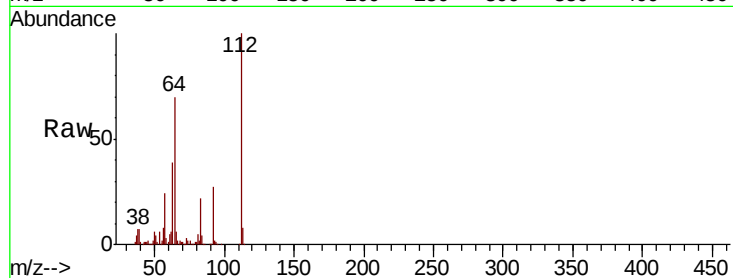
Tot Ion:112 Resp: 321619

Ion Ratio Lower Upper

112 100

64 70.3 57.8 86.8

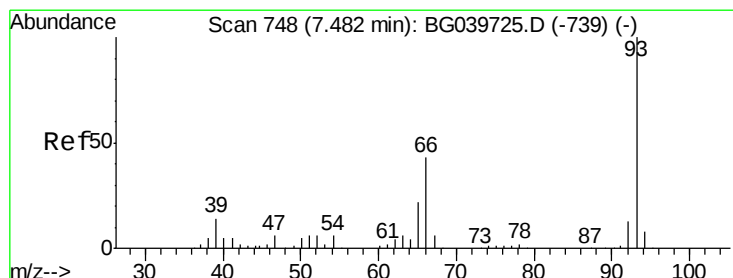
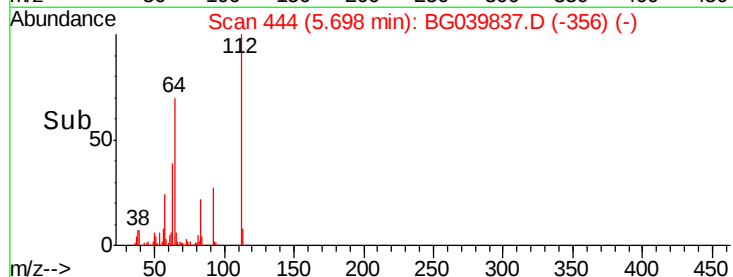
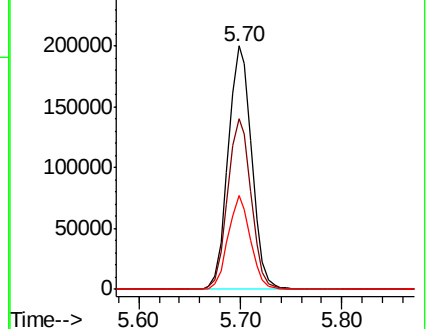
63 38.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.777 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

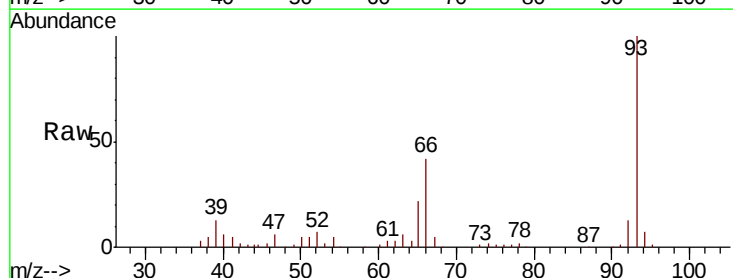
Tgt Ion: 93 Resp: 127544

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

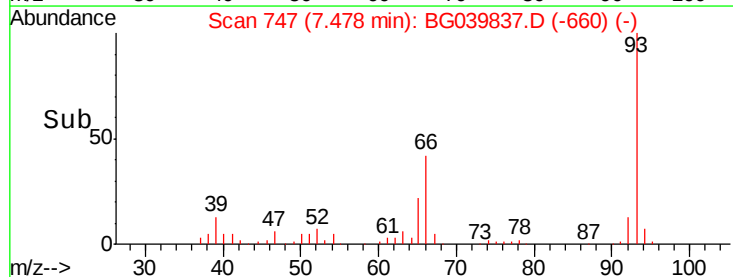
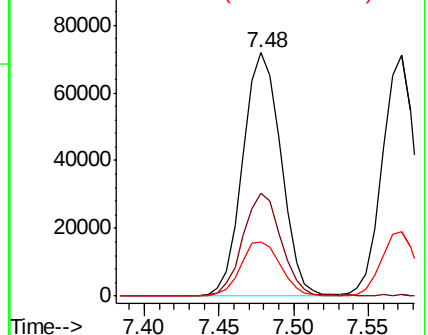
65 22.5 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.948 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

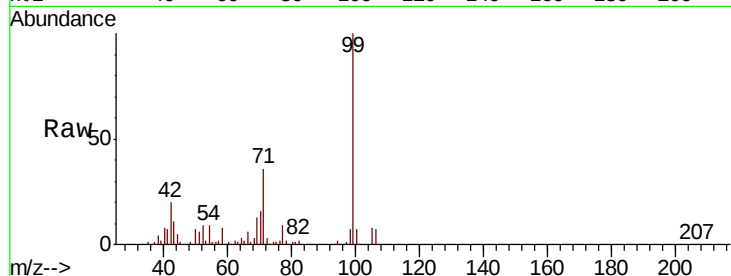
Tot Ion: 99 Resp: 457543

Ion Ratio Lower Upper

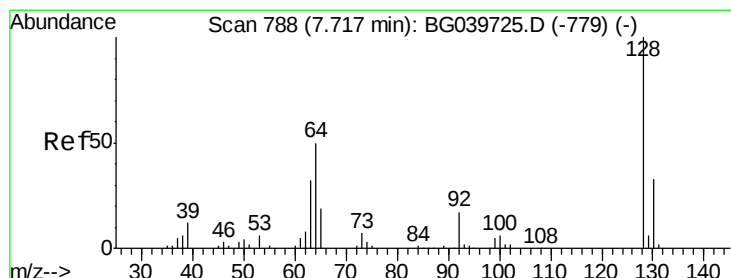
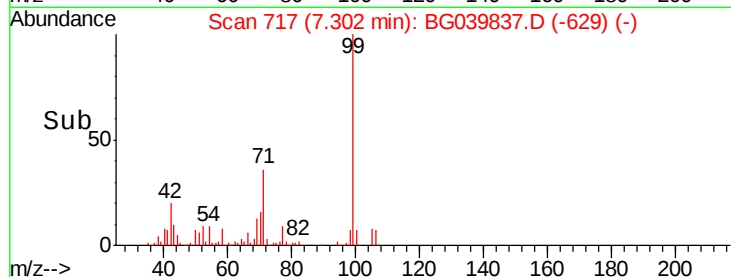
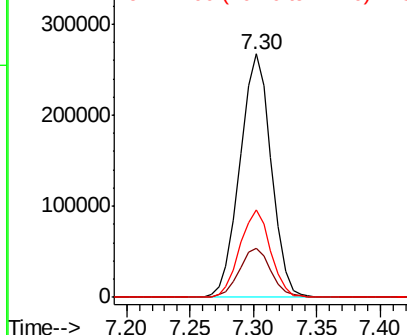
99 100

42 20.0 18.2 27.2

71 36.2 28.0 42.0



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



#8

2-Chlorophenol

Concen: 44.407 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

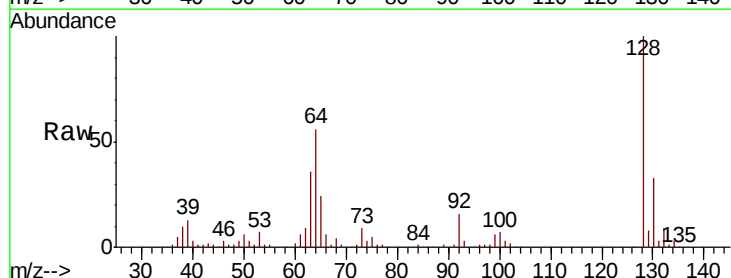
Tgt Ion: 128 Resp: 118127

Ion Ratio Lower Upper

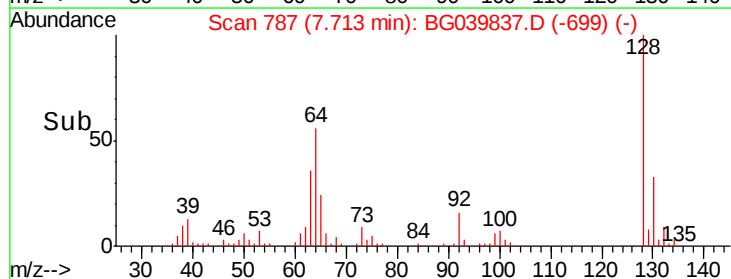
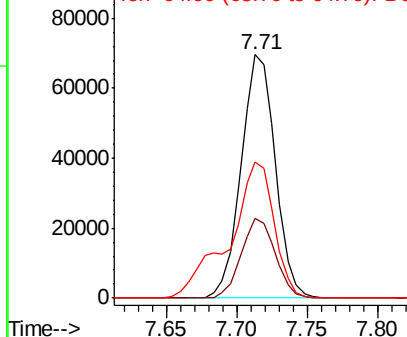
128 100

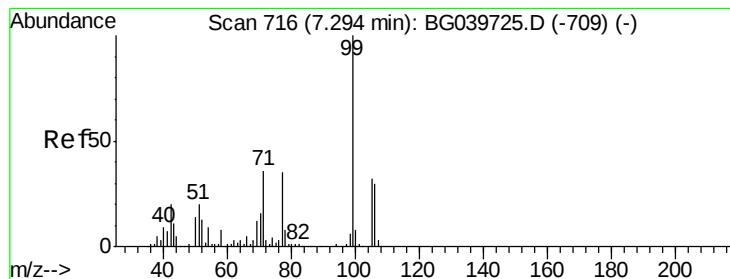
130 32.6 12.9 52.9

64 55.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 23.871 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampled :

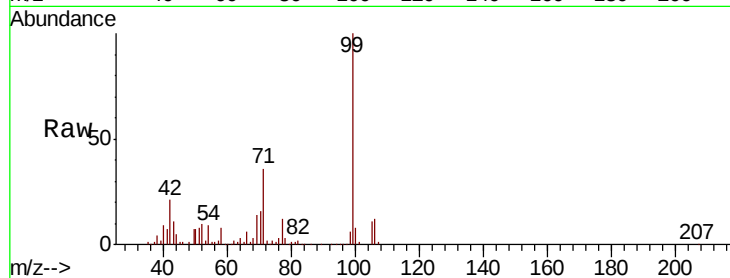
Tot Ion: 77 Resp: 50343

Ion Ratio Lower Upper

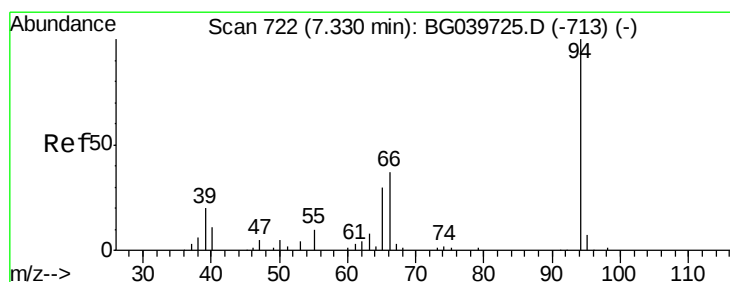
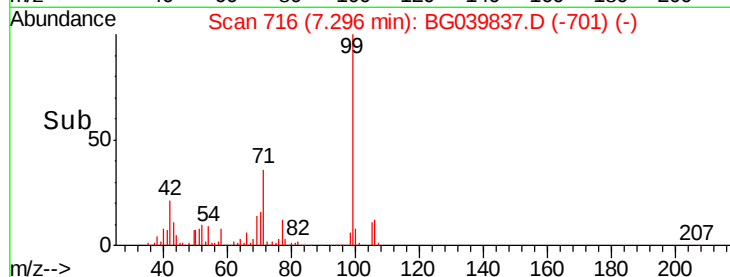
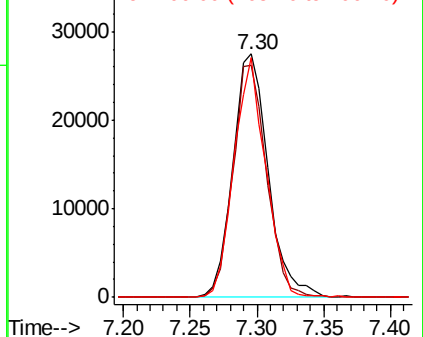
77 100

105 95.2 74.5 114.5

106 98.6 68.0 108.0



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



#10

Phenol

Concen: 45.218 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

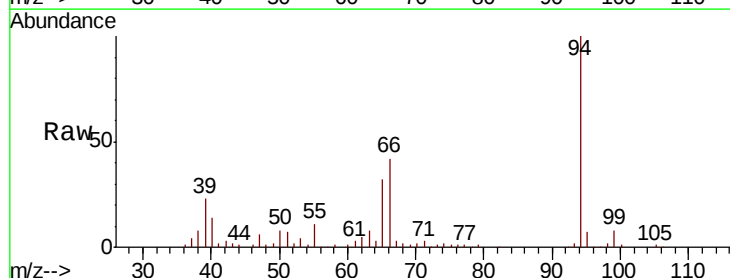
Tgt Ion: 94 Resp: 160153

Ion Ratio Lower Upper

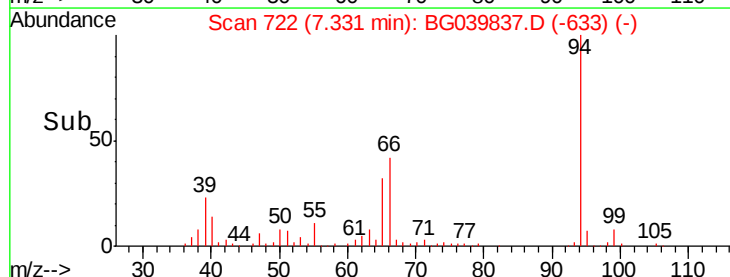
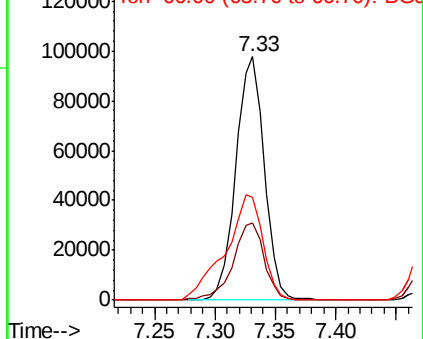
94 100

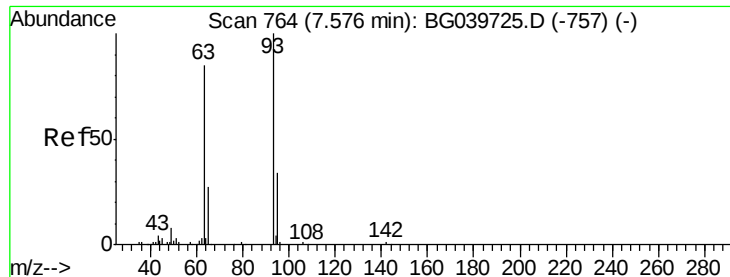
65 31.8 11.7 51.7

66 42.3 23.7 63.7



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

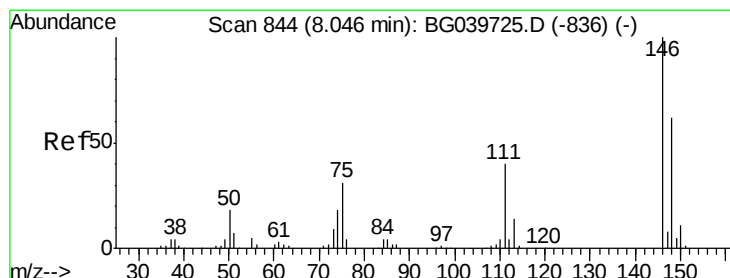
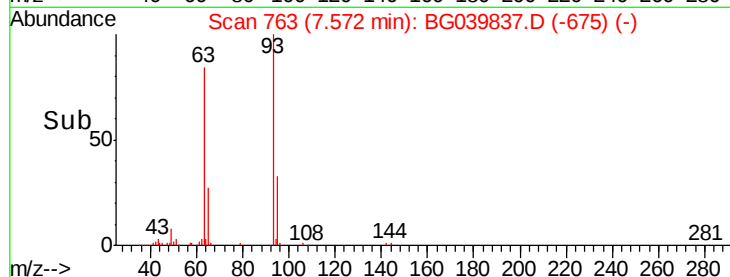
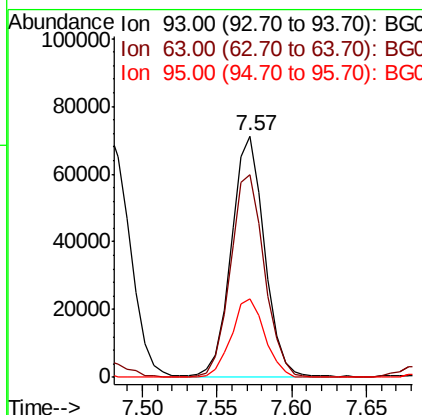
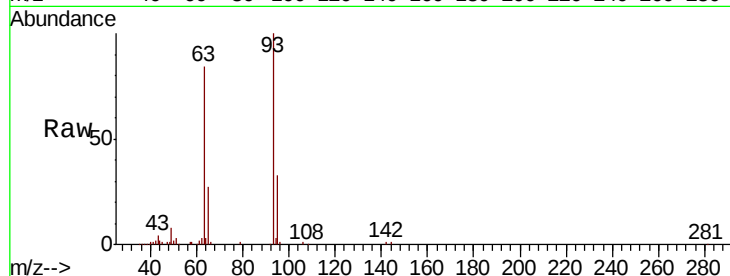




#11
bis(2-Chloroethyl)ether
Concen: 40.175 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

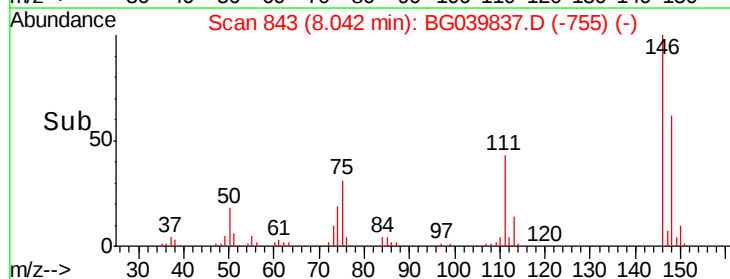
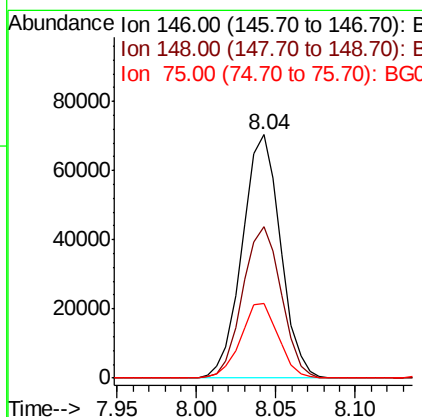
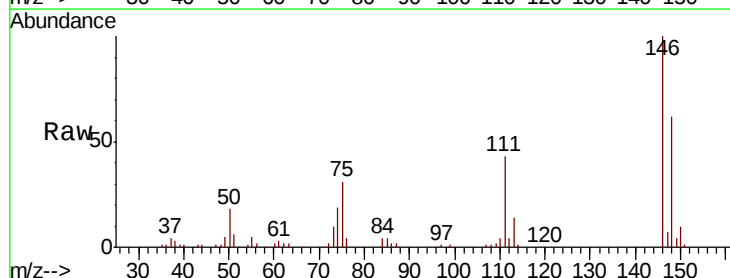
Instrument :
BNA_G
ClientSampleId :

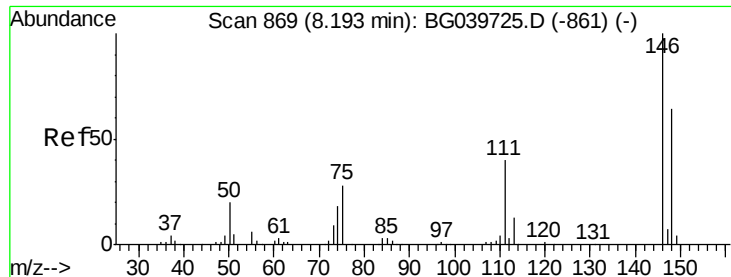
Tot Ion: 93 Resp: 110940
Ion Ratio Lower Upper
93 100
63 83.7 69.5 109.5
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.137 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion: 146 Resp: 117743
Ion Ratio Lower Upper
146 100
148 62.3 52.6 79.0
75 30.9 25.8 38.6

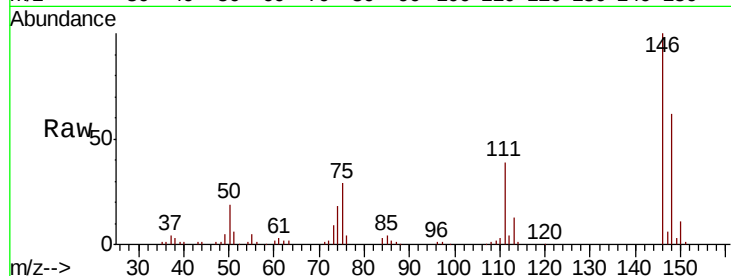




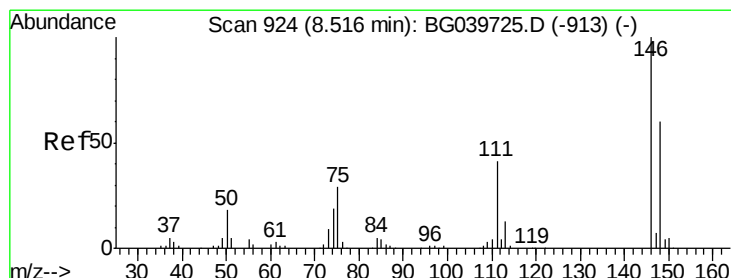
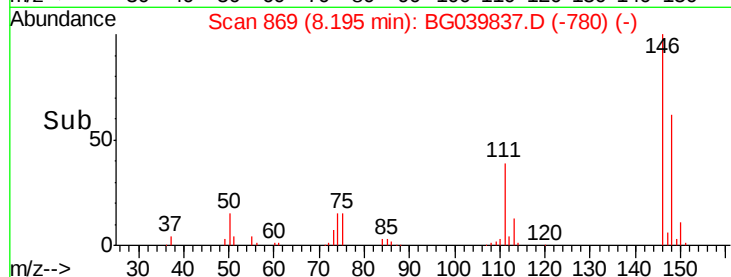
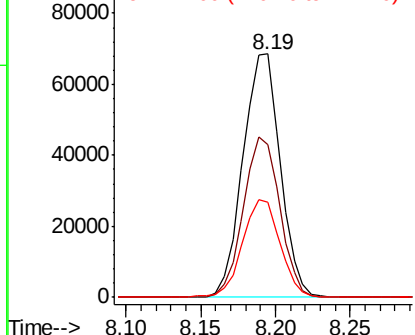
#13
 1,4-Dichlorobenzene
 Concen: 38.661 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 118474
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 39.3 32.6 48.8

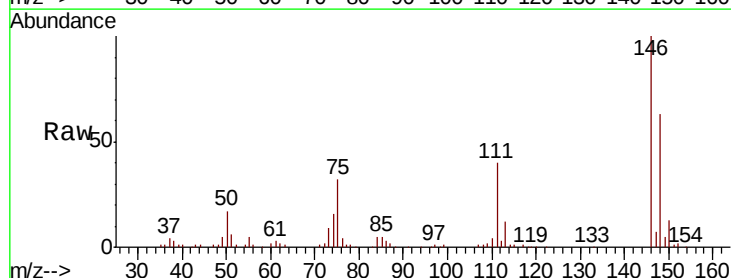


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

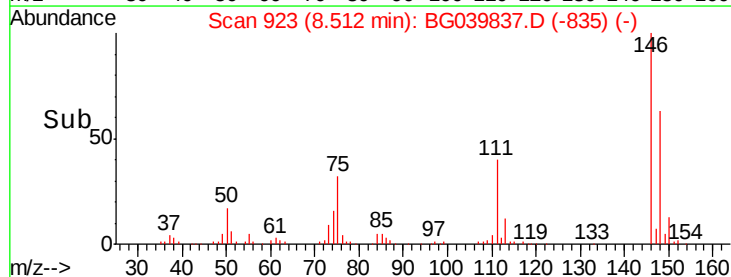
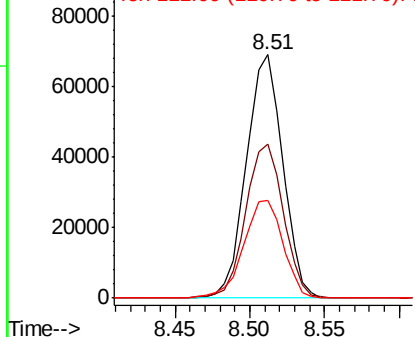


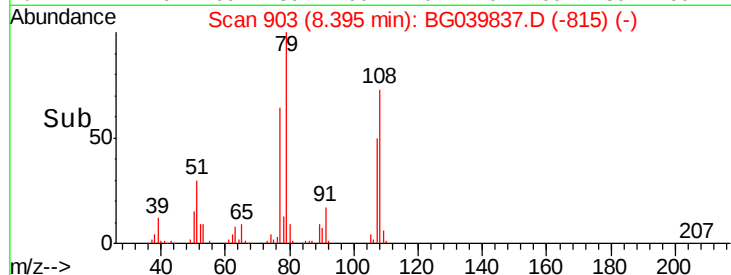
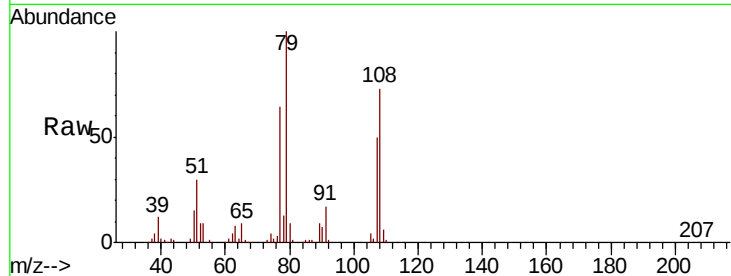
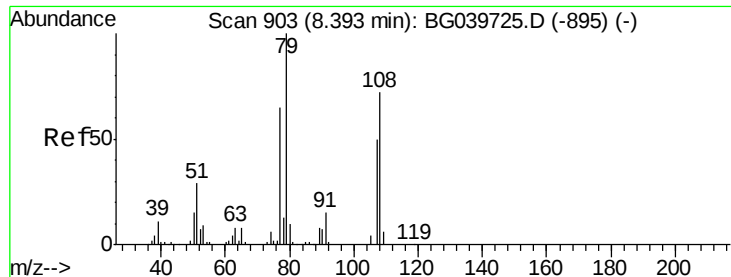
#14
 1,2-Dichlorobenzene
 Concen: 39.186 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion:146 Resp: 116023
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.5 77.3
 111 40.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 43.108 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

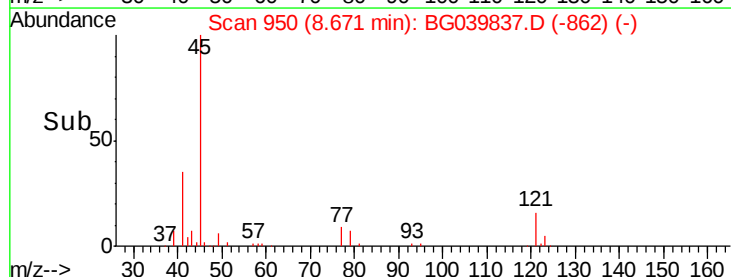
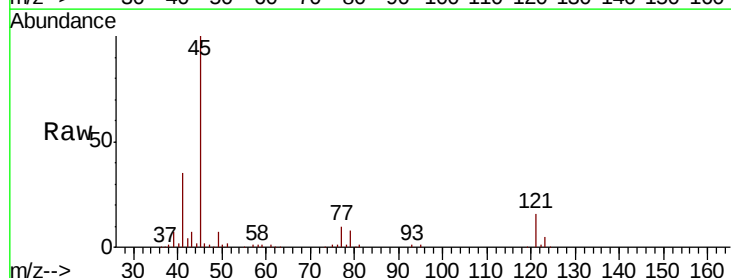
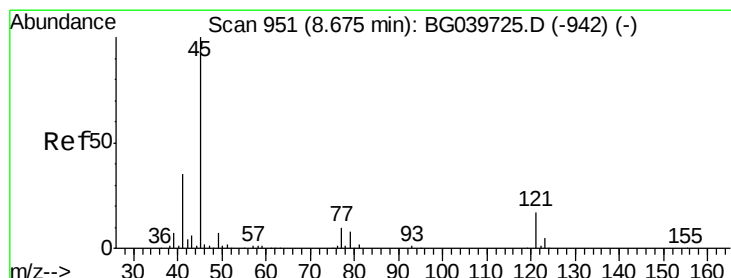
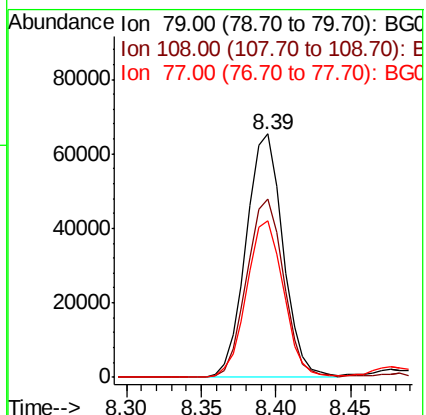
Tot Ion: 79 Resp: 111797

Ion Ratio Lower Upper

79 100

108 73.4 57.8 86.6

77 64.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.149 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

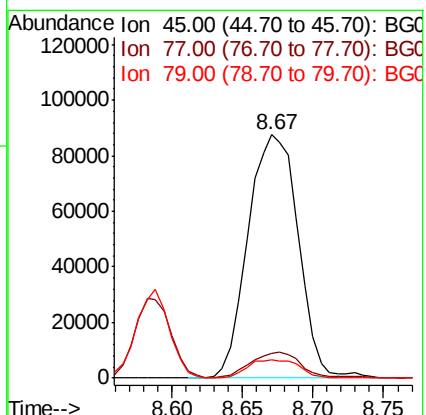
Tgt Ion: 45 Resp: 216219

Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.0

79 7.7 0.0 27.5

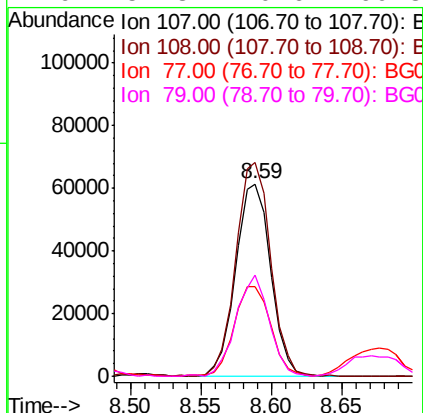
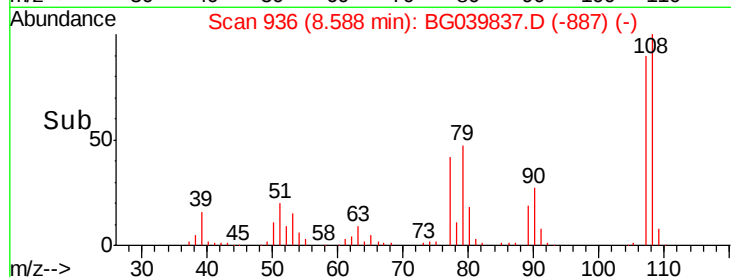
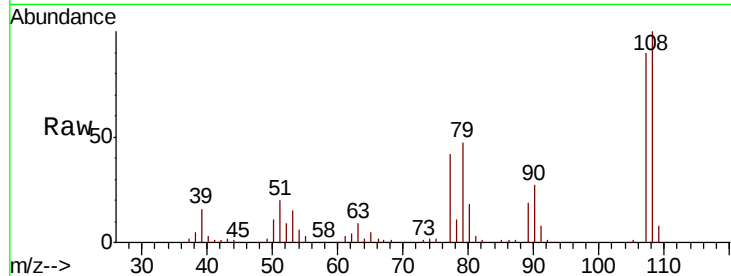




#17
2-Methylphenol
Concen: 47.203 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

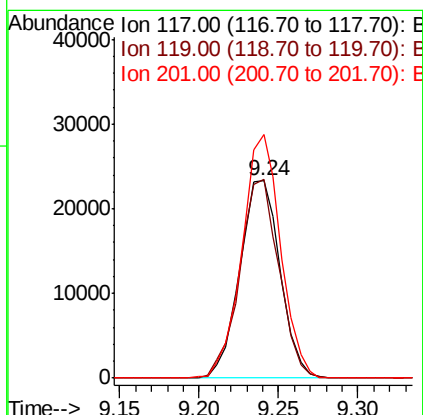
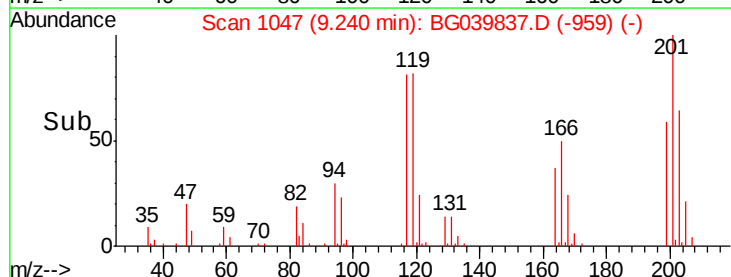
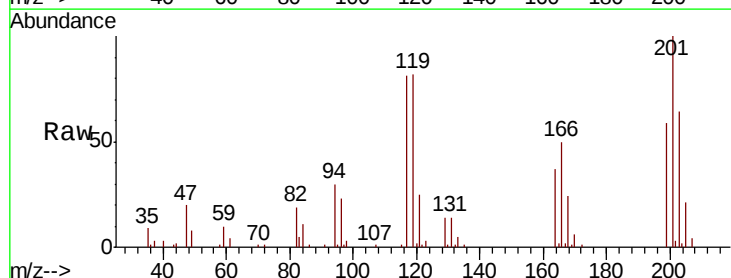
Instrument :
BNA_G
ClientSampleId :

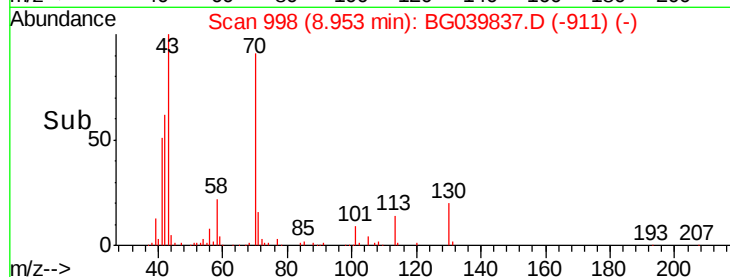
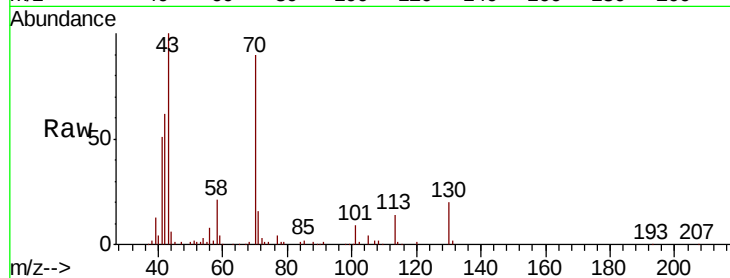
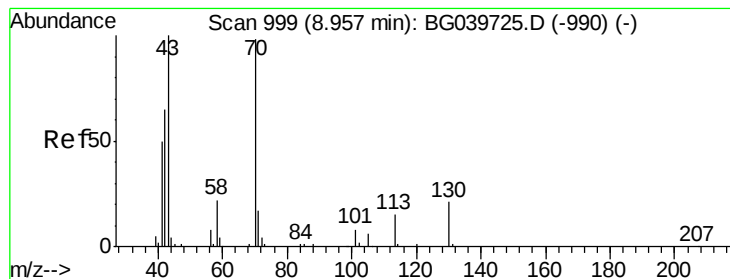
Tot Ion:	107	Resp:	106602
Ion	Ratio	Lower	Upper
107	100		
108	110.9	90.8	136.2
77	46.3	40.7	61.1
79	52.3	40.6	60.8



#18
Hexachloroethane
Concen: 37.386 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:	117	Resp:	41109
Ion	Ratio	Lower	Upper
117	100		
119	101.1	76.3	114.5
201	123.5	91.1	136.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.329 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 92551

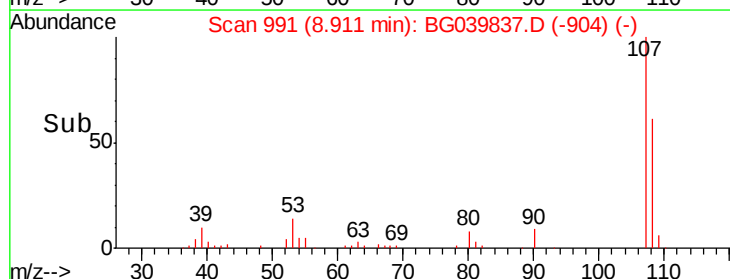
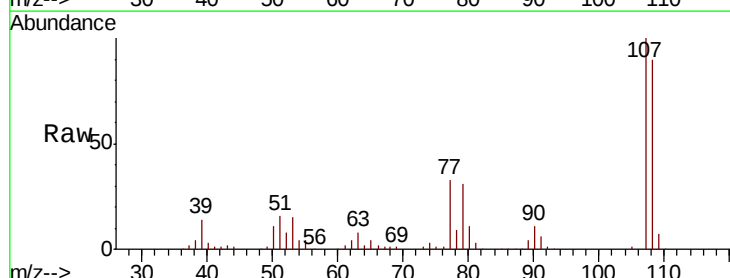
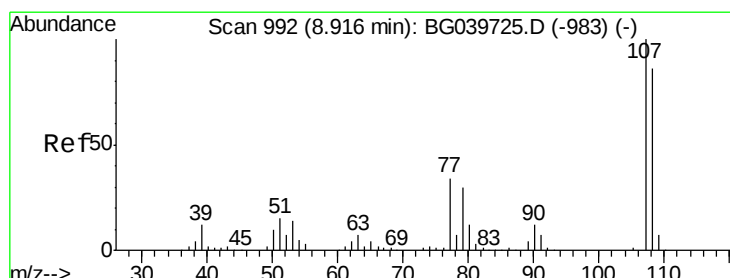
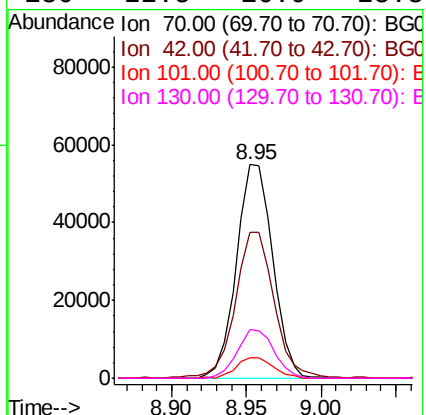
Ion Ratio Lower Upper

70 100

42 68.6 60.4 90.6

101 9.5 7.5 11.3

130 22.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 45.786 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion: 107 Resp: 143649

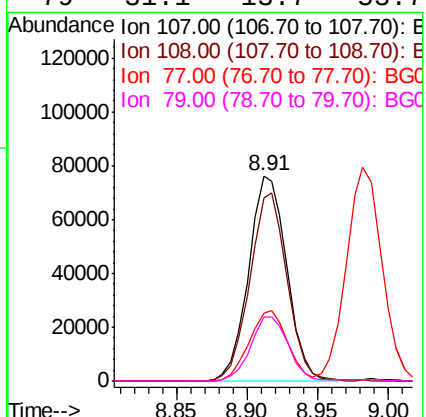
Ion Ratio Lower Upper

107 100

108 89.6 67.9 107.9

77 32.9 15.4 55.4

79 31.1 13.7 53.7

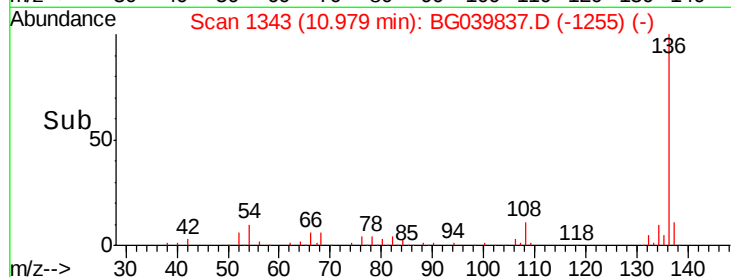
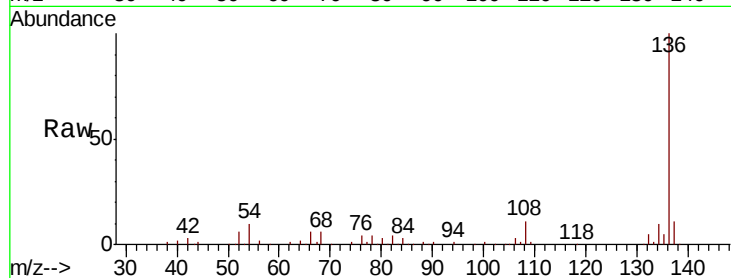




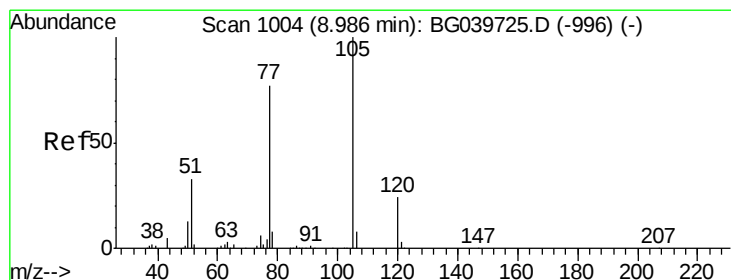
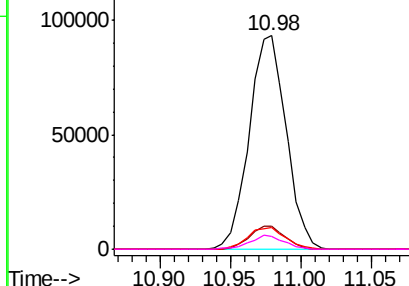
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	171123
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.1 13.7
54	10.5	9.4 14.2
68	5.8	4.2 6.4

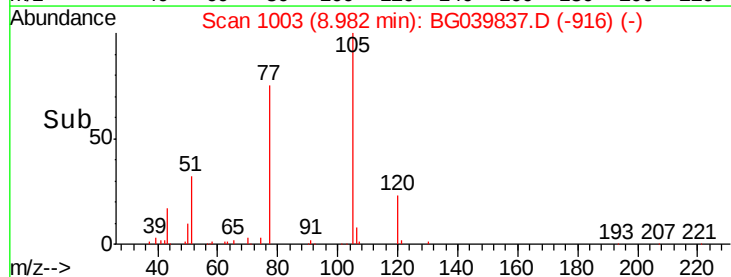
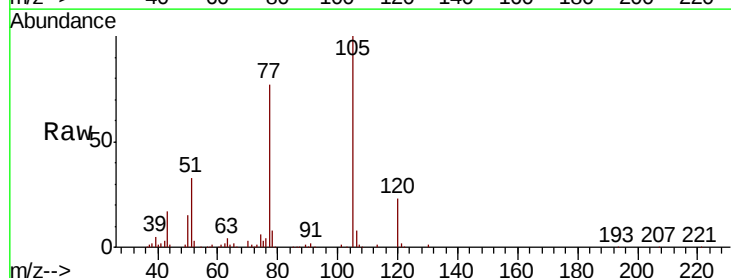


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

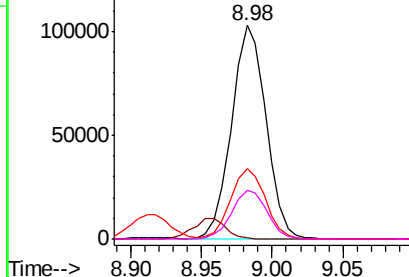


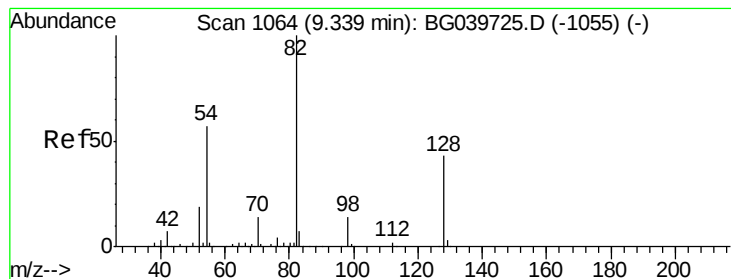
#22
Acetophenone
Concen: 38.225 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:105	Resp:	175561
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.8 1.2#
51	32.8	30.2 45.2
120	23.0	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: 78.505 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

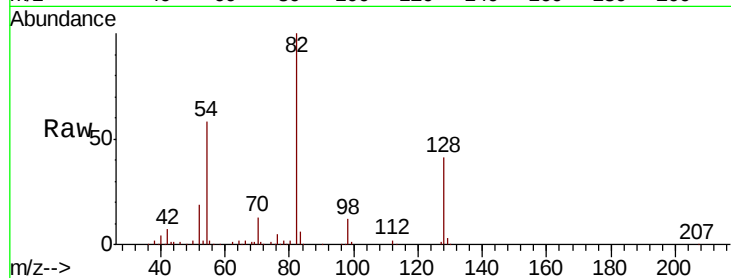
Tot Ion: 82 Resp: 248390

Ion Ratio Lower Upper

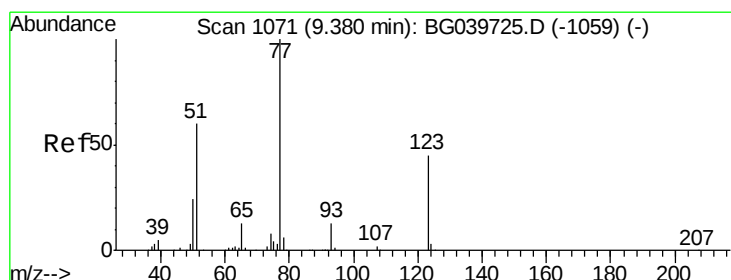
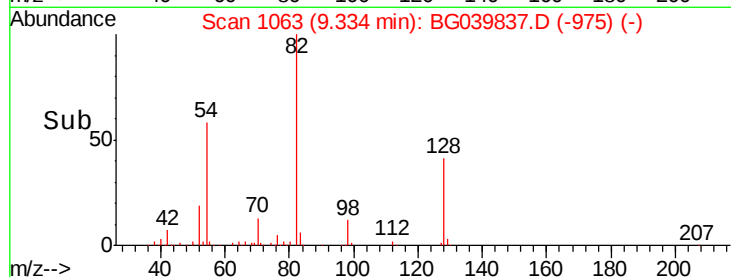
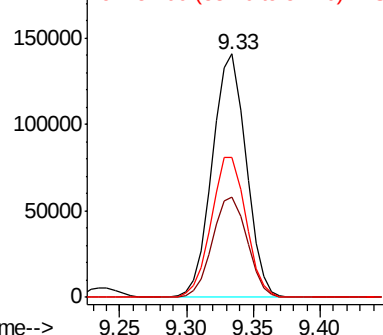
82 100

128 41.3 31.3 46.9

54 57.6 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 41.970 ng

RT: 9.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

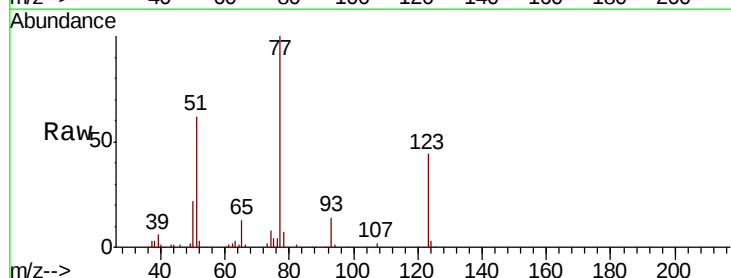
Tgt Ion: 77 Resp: 139311

Ion Ratio Lower Upper

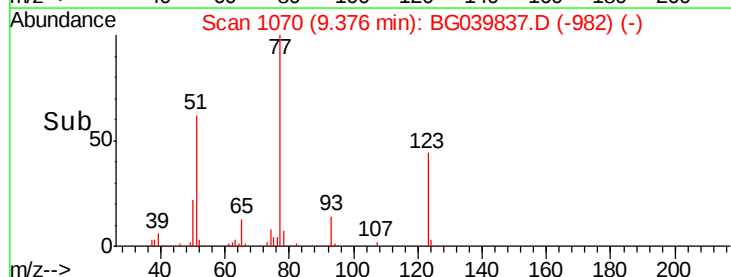
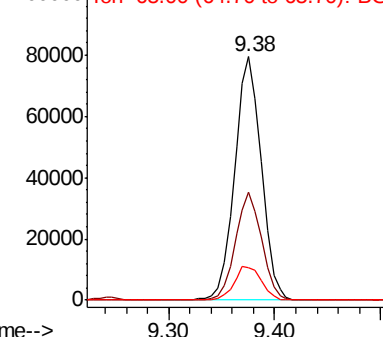
77 100

123 44.3 34.1 51.1

65 13.2 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.990 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

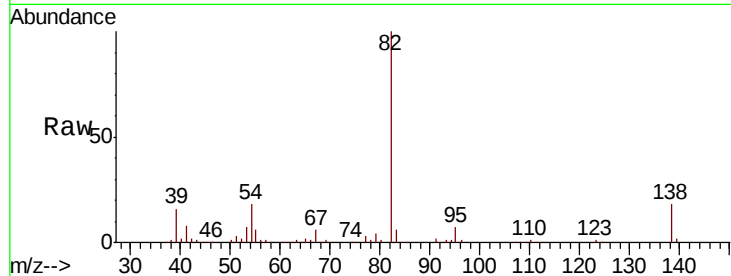
Tot Ion: 82 Resp: 265121

Ion Ratio Lower Upper

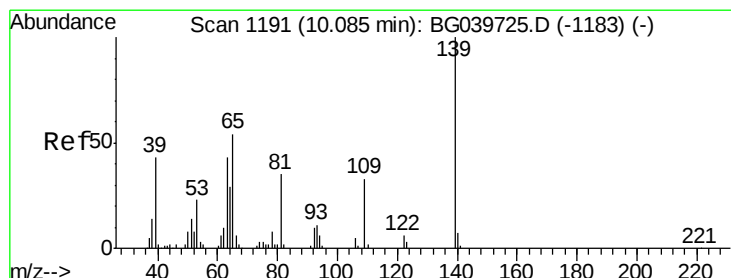
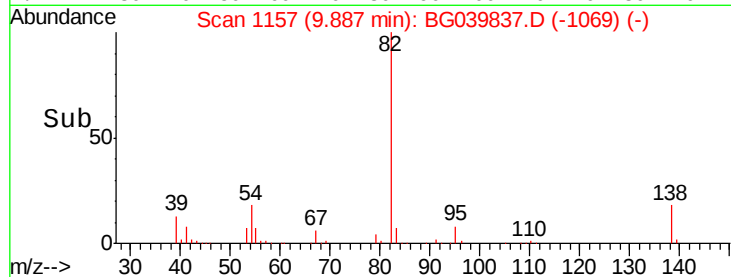
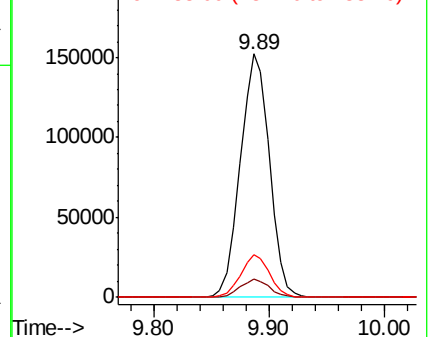
82 100

95 7.5 6.2 9.2

138 17.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 40.506 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

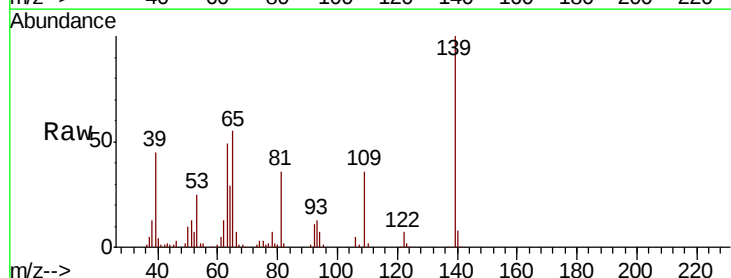
Tgt Ion: 139 Resp: 64915

Ion Ratio Lower Upper

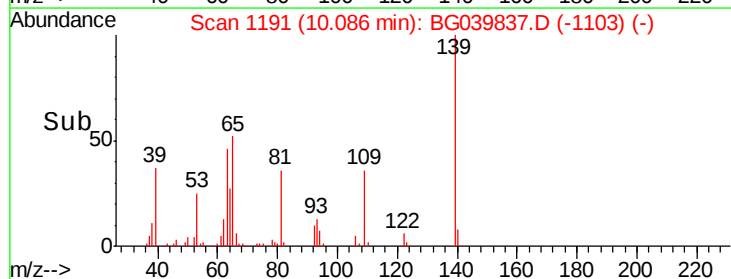
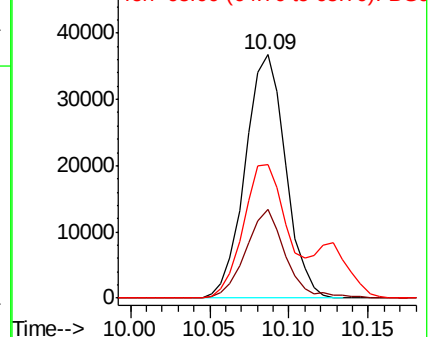
139 100

109 36.3 23.4 35.0#

65 54.7 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

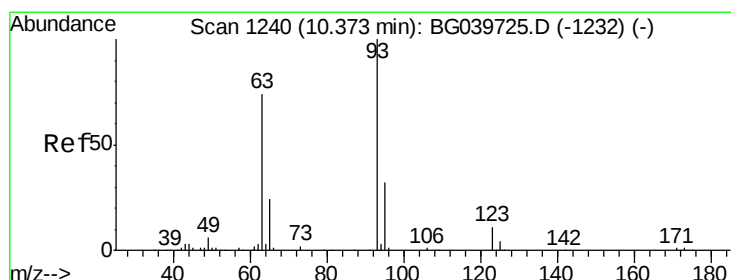
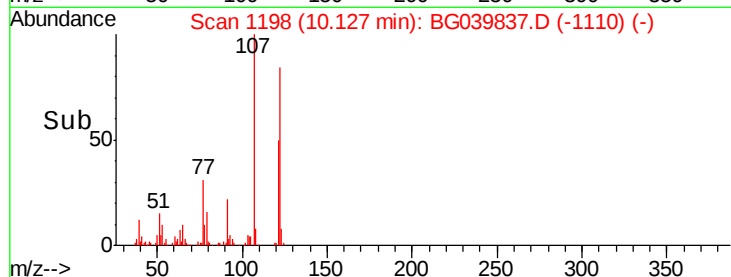
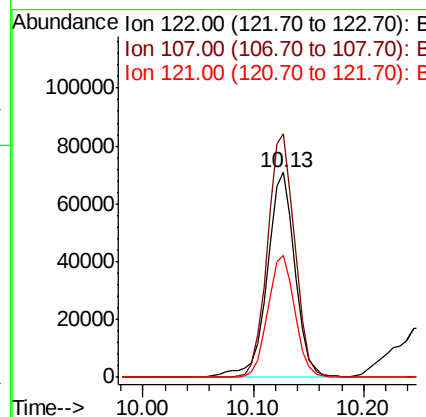
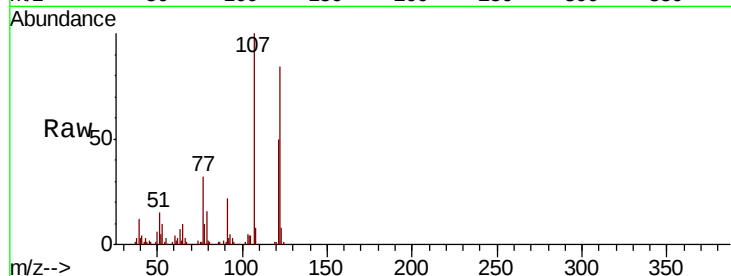




#27
2,4-Dimethylphenol
Concen: 50.099 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

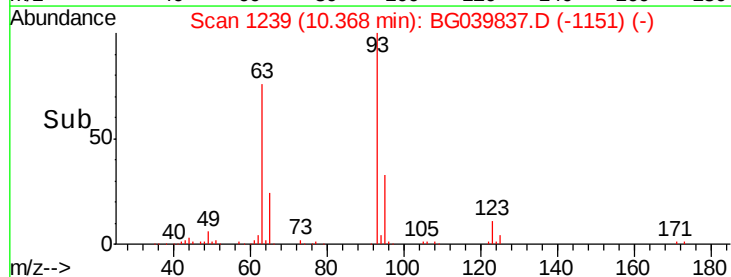
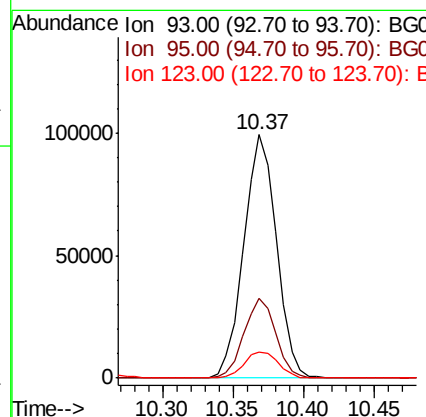
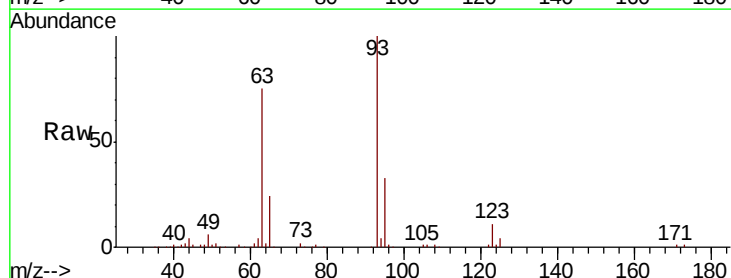
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	91.7	137.5
121	59.6	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.041 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	10.5	8.6	12.8

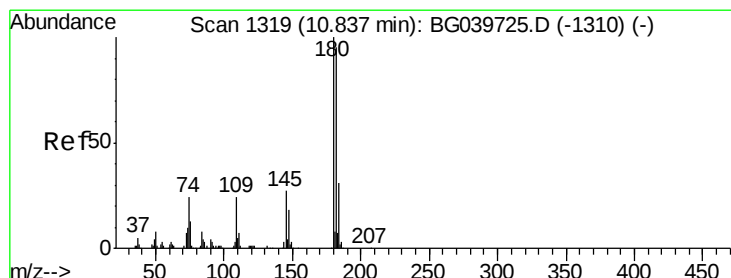
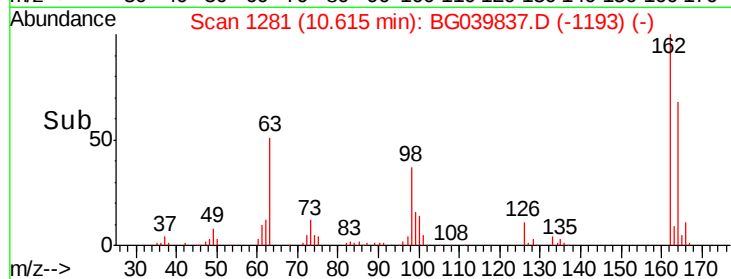
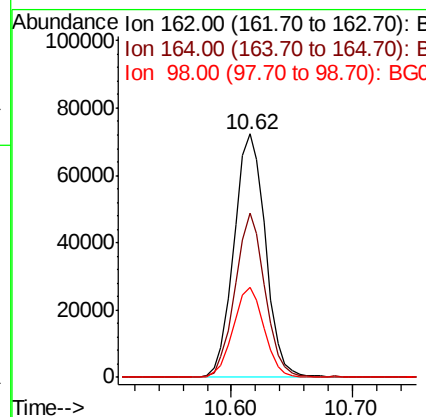
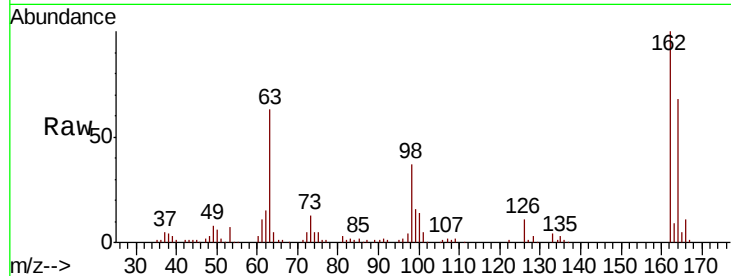




#29
 2,4-Dichlorophenol
 Concen: 46.754 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

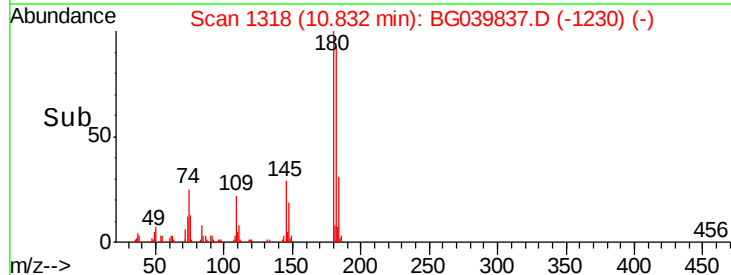
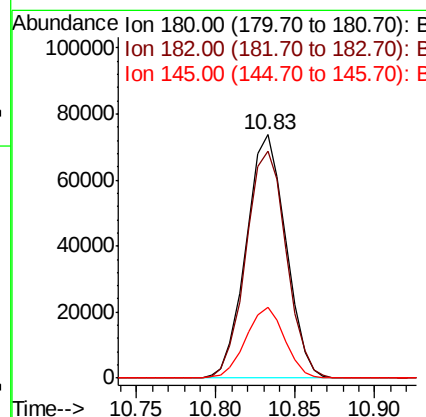
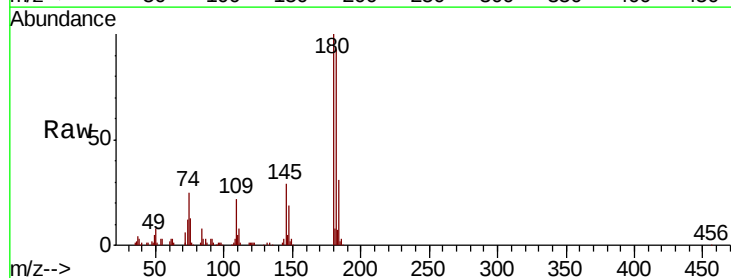
Instrument :
 BNA_G
 ClientSampleId :

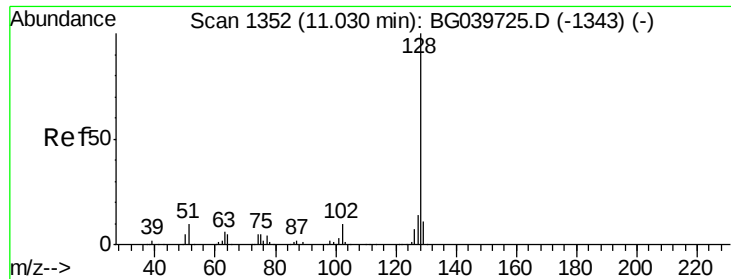
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	48.1	88.1
98	36.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.686 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.0	114.0
145	28.9	22.7	34.1

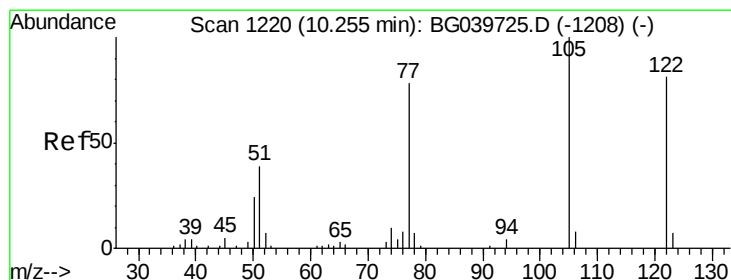
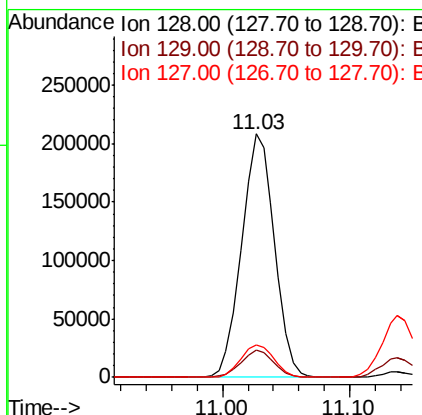
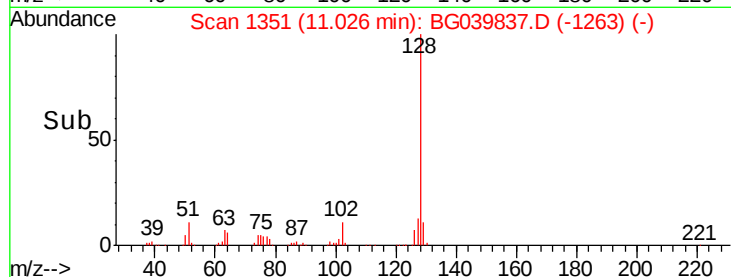
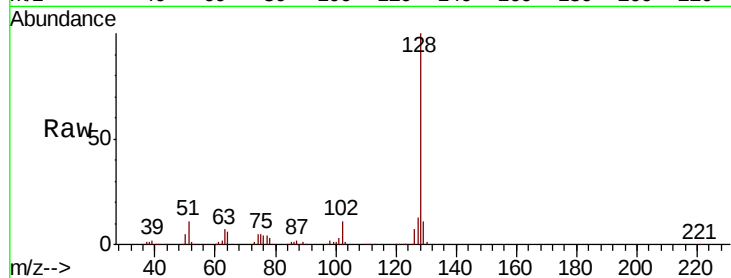




#31
Naphthalene
Concen: 41.100 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

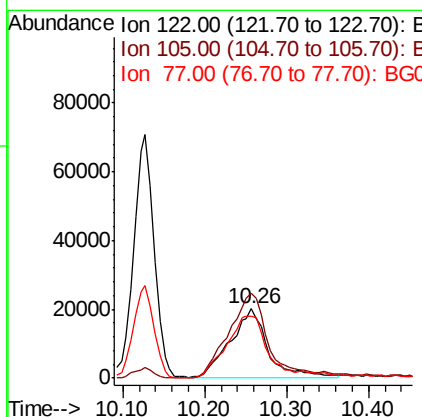
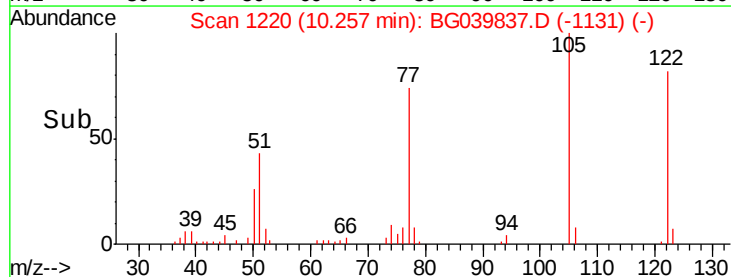
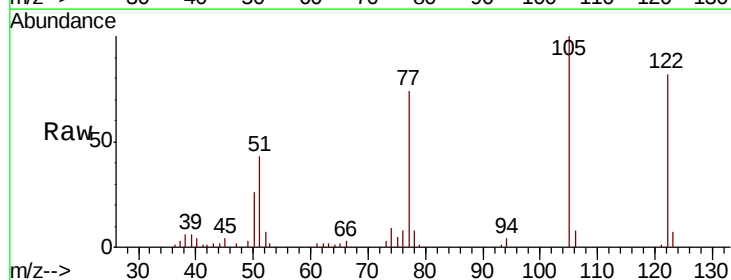
Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 372377
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 38.283 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:122 Resp: 62866
Ion Ratio Lower Upper
122 100
105 122.3 101.8 141.8
77 90.6 76.3 116.3

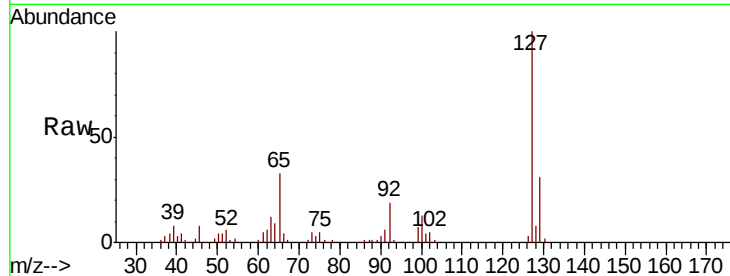




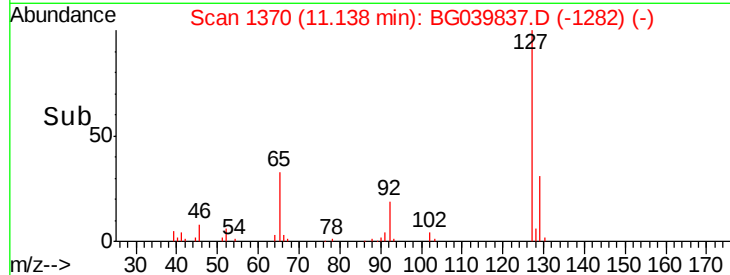
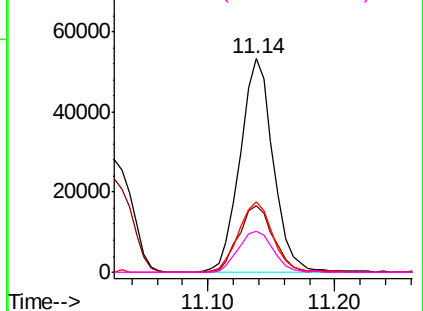
#33
4-Chloroaniline
Concen: 25.261 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	97052
Ion	Ratio	Lower	Upper
127	100		
129	31.2	27.0	40.4
65	33.2	28.8	43.2
92	19.5	16.6	25.0

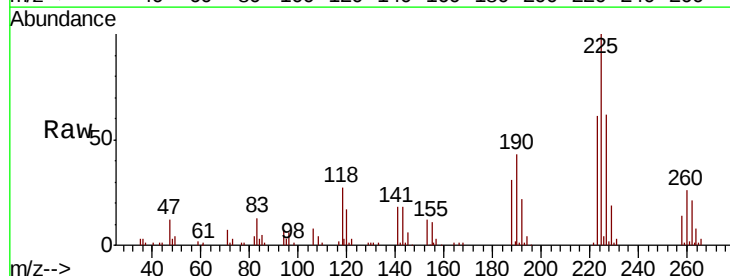


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

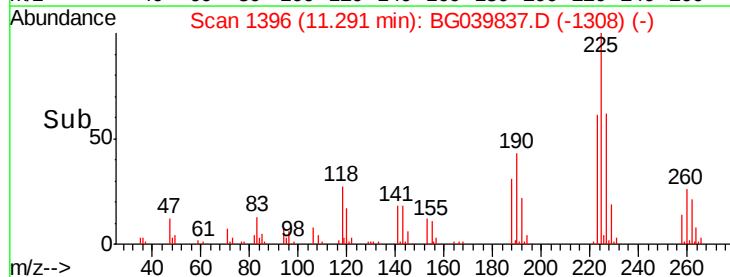
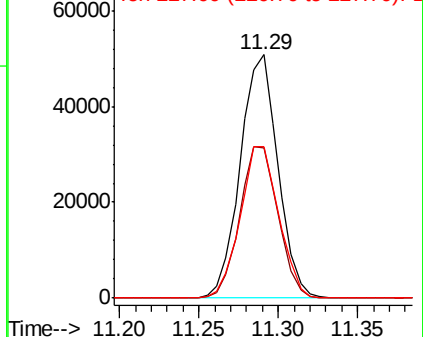


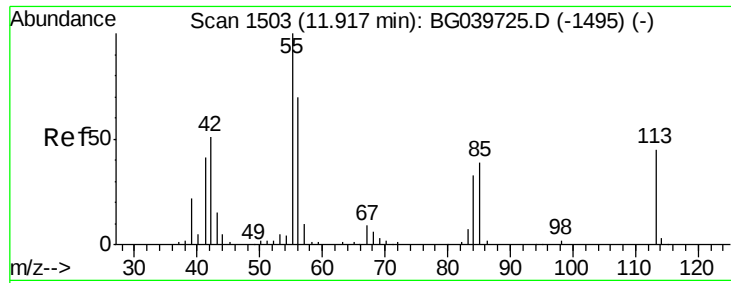
#34
Hexachlorobutadiene
Concen: 38.910 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:	225	Resp:	83962
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.0	73.6
227	62.1	46.3	69.5



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





#35

Caprolactam

Concen: 27.891 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

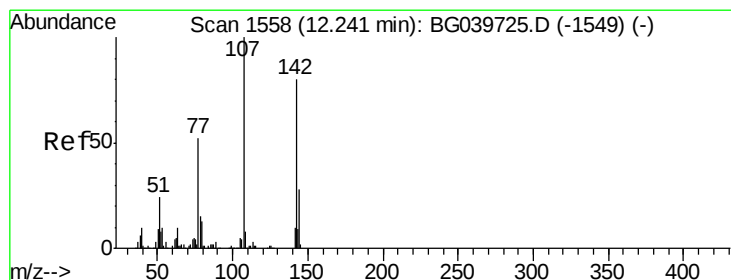
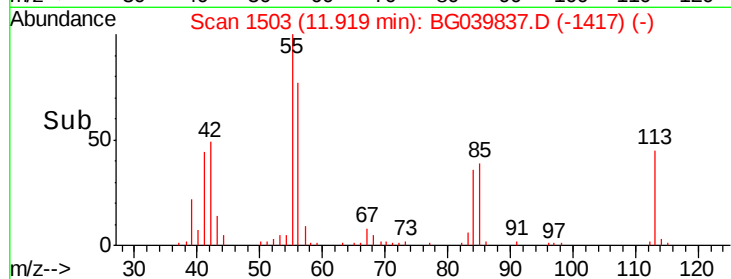
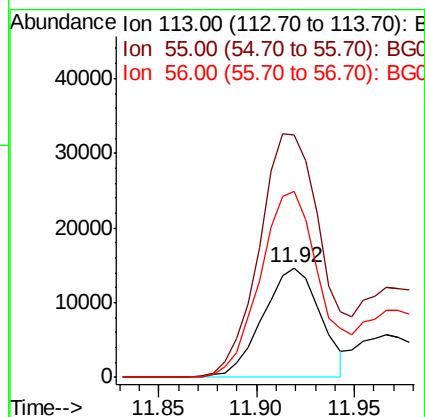
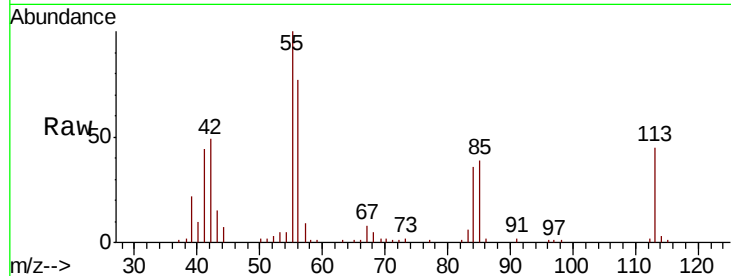
Tot Ion:113 Resp: 29899

Ion Ratio Lower Upper

113 100

55 220.7 216.9 256.9

56 169.4 152.6 192.6



#36

4-Chloro-3-methylphenol

Concen: 45.371 ng

RT: 12.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

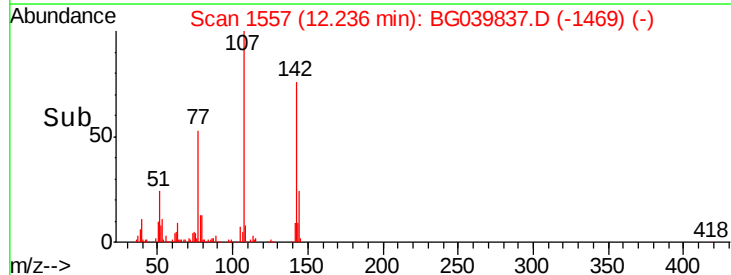
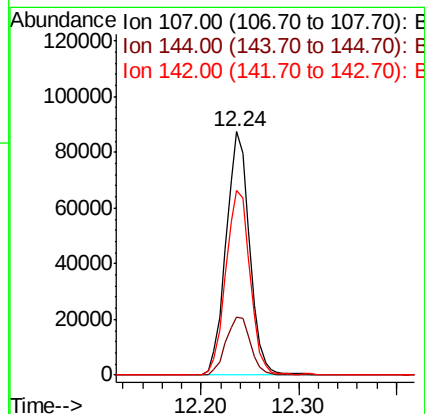
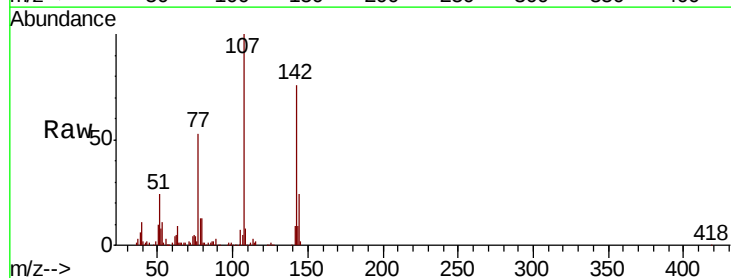
Tgt Ion:107 Resp: 145954

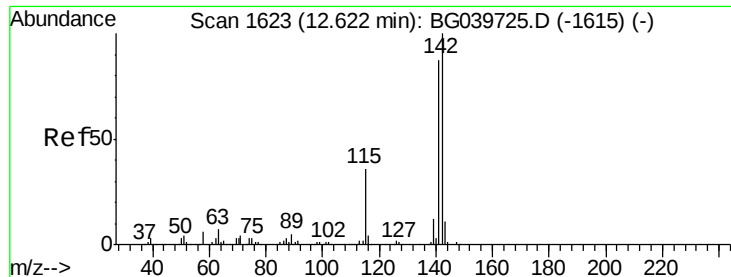
Ion Ratio Lower Upper

107 100

144 23.9 20.2 30.2

142 76.0 61.4 92.2

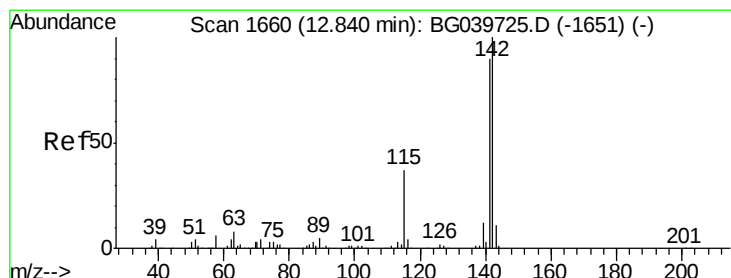
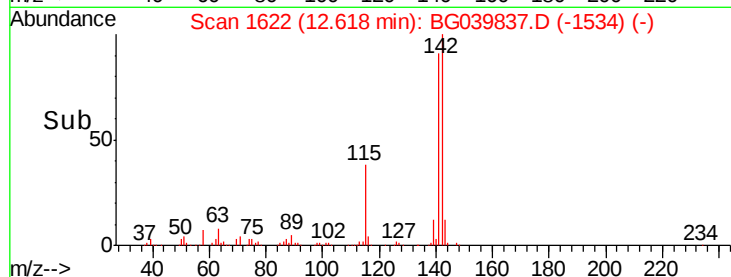
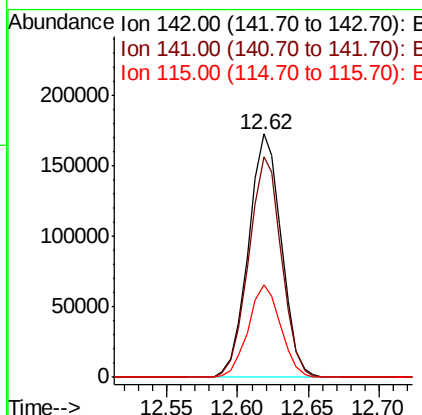
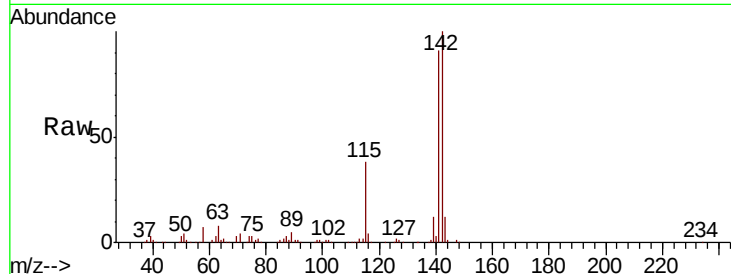




#37
2-Methylnaphthalene
Concen: 41.723 ng
RT: 12.62 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

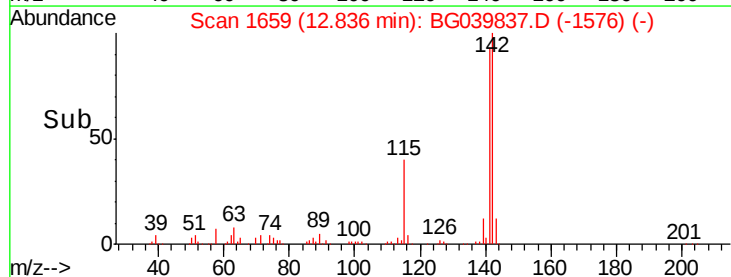
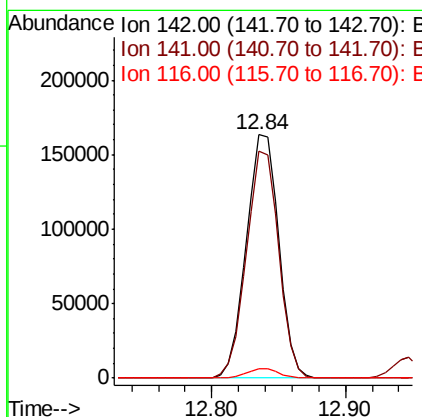
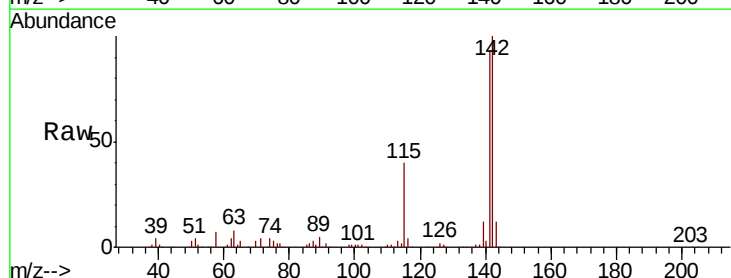
Instrument :
BNA_G
ClientSampleId :

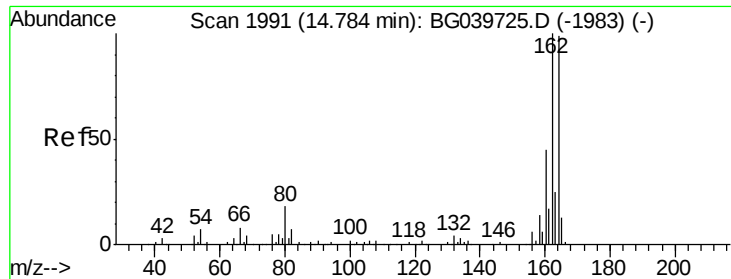
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	38.2	30.8	46.2



#38
1-Methylnaphthalene
Concen: 41.448 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	74.2	111.4
116	3.6	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

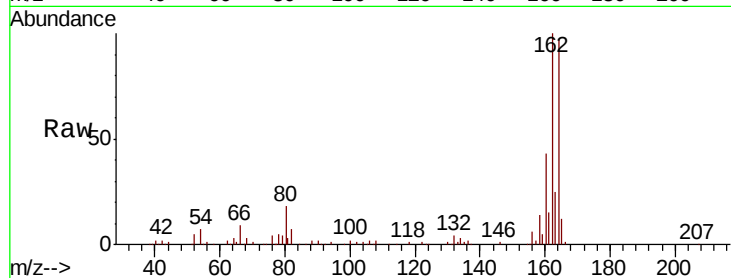
Tot Ion:164 Resp: 120553

Ion Ratio Lower Upper

164 100

162 103.6 81.6 122.4

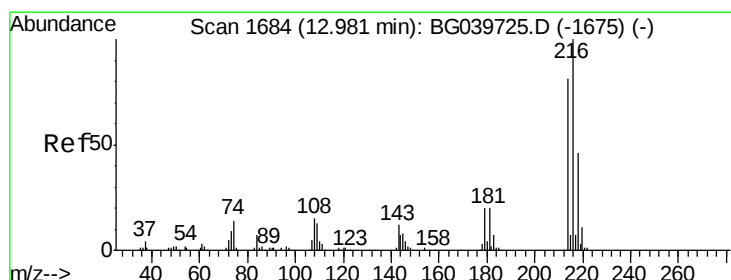
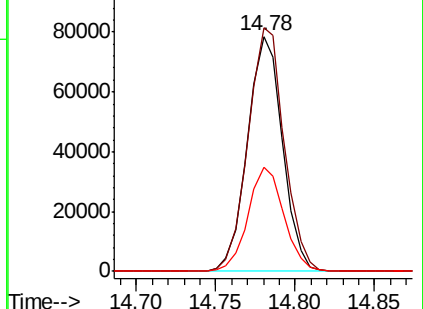
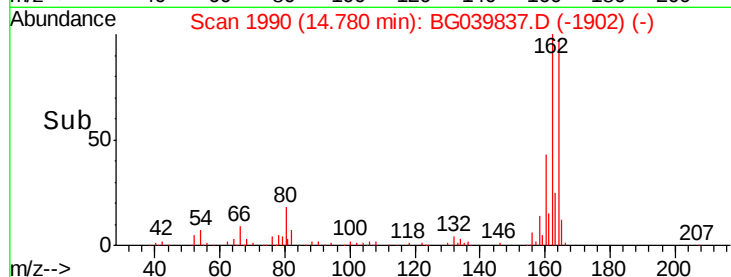
160 44.3 34.2 51.2



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: 38.943 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:216 Resp: 159044

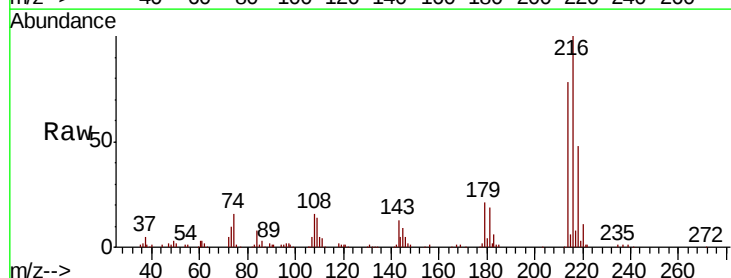
Ion Ratio Lower Upper

216 100

214 77.9 62.6 94.0

179 20.5 16.6 25.0

108 18.4 14.0 21.0

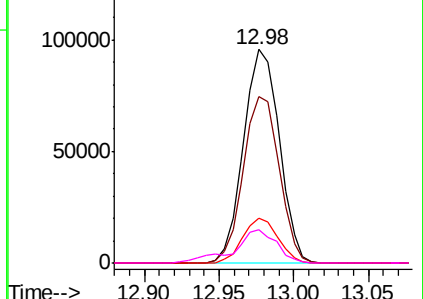
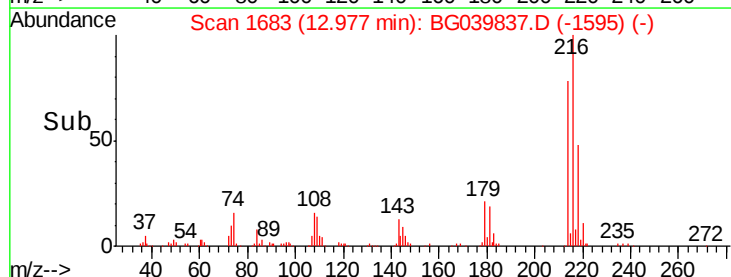


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.865 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

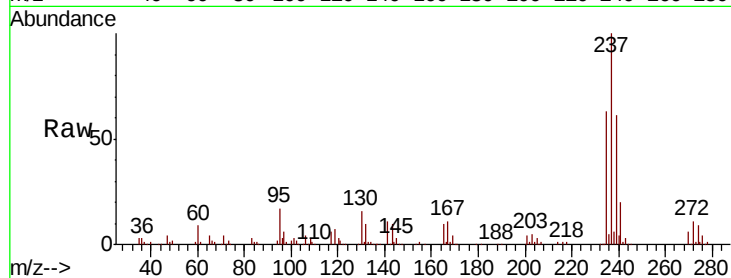
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 190117

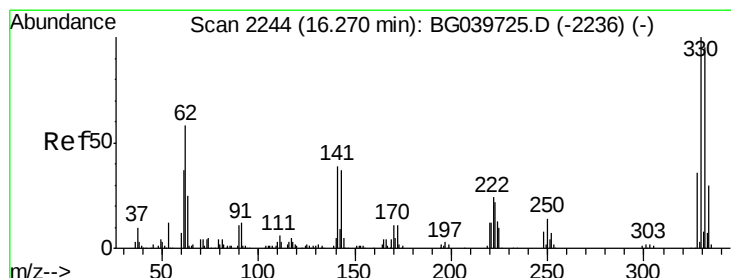
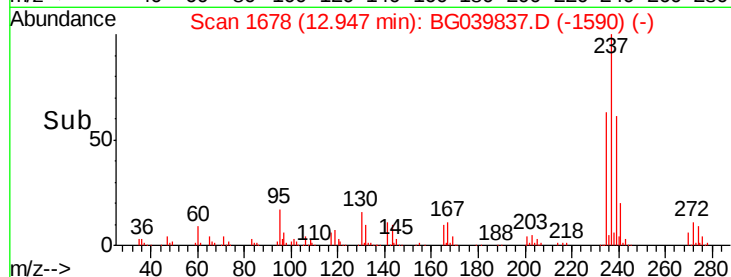
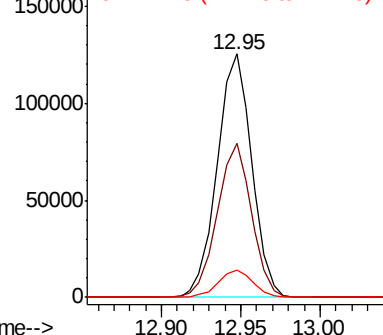
Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.3	83.3
272	11.0	0.0	32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 136.995 ng

RT: 16.27 min Scan# 2244

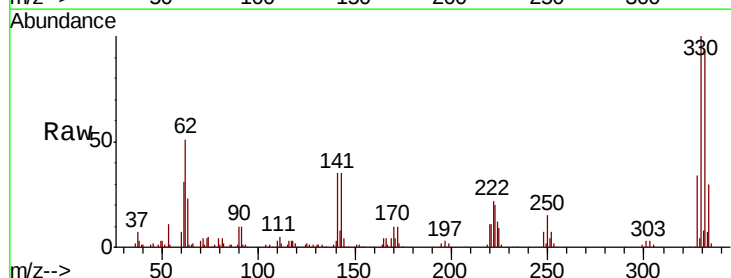
Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:330 Resp: 192496

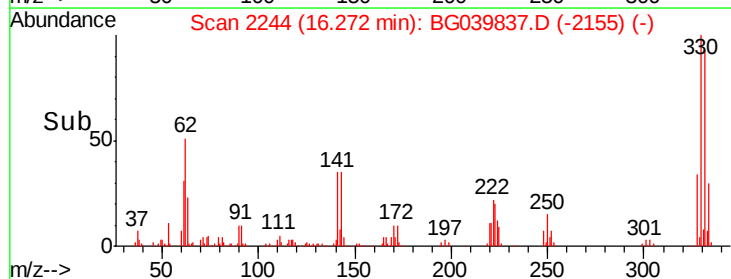
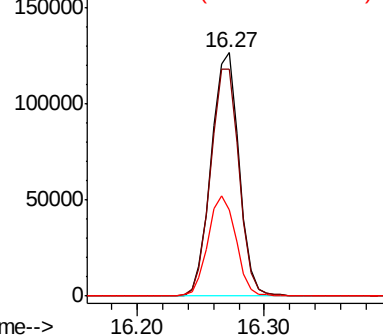
Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	41.3	35.6	53.4



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

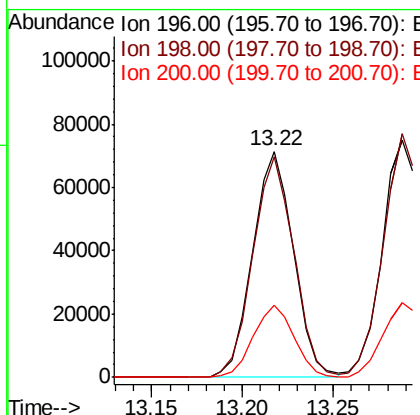
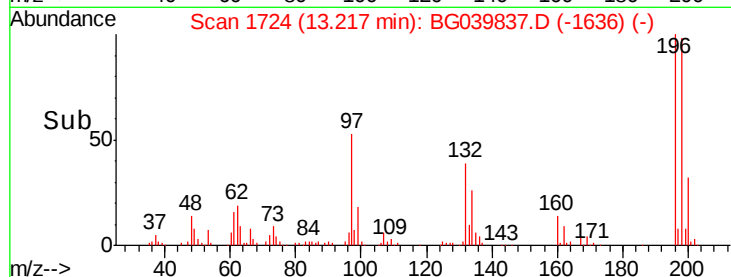
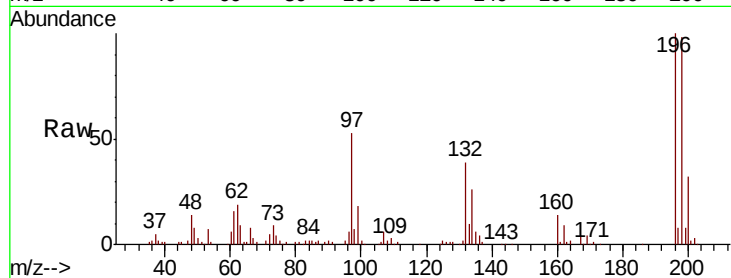




#43
 2,4,6-Trichlorophenol
 Concen: 46.651 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

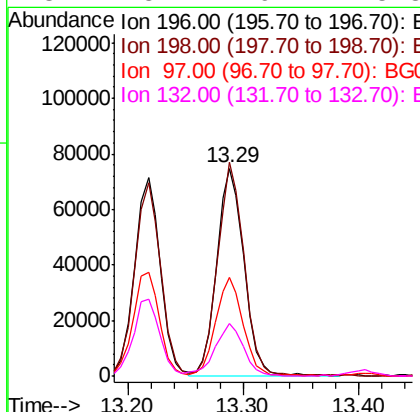
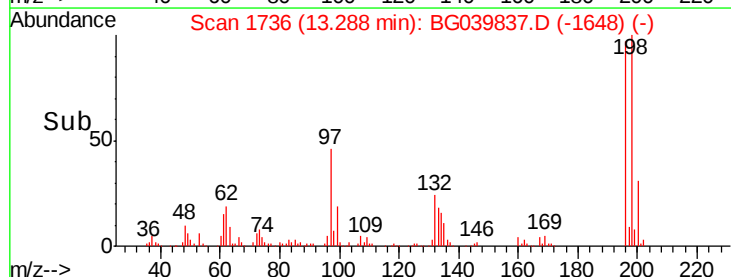
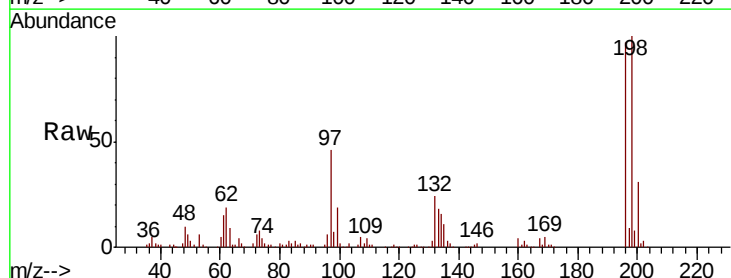
Instrument :
 BNA_G
 ClientSampleId :

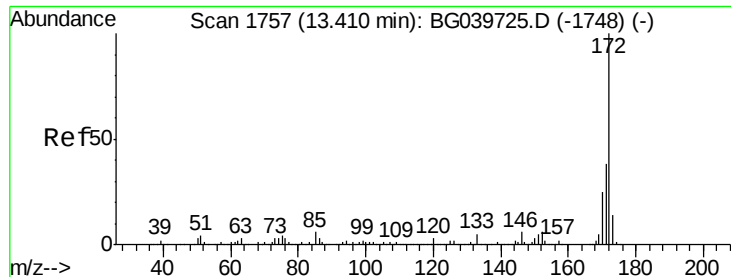
Tot Ion	196	Resp	111544
Ion Ratio	Lower	Upper	
196	100		
198	97.6	80.6	121.0
200	32.1	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 44.938 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	196	Resp	121112
Ion Ratio	Lower	Upper	
196	100		
198	102.9	78.5	117.7
97	47.2	38.4	57.6
132	25.2	19.2	28.8

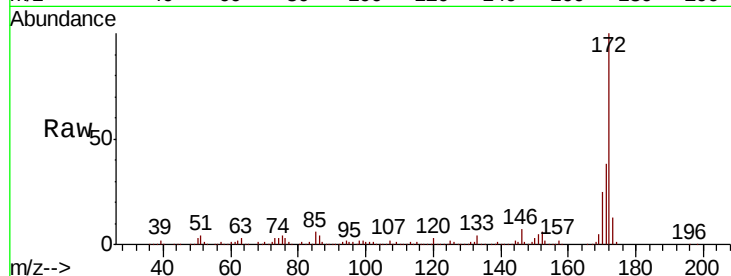




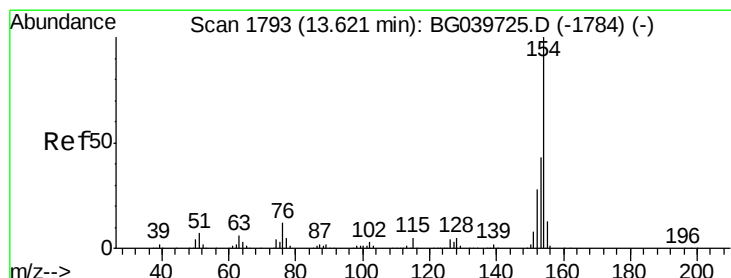
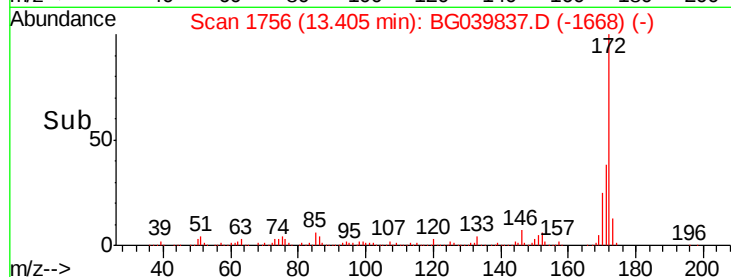
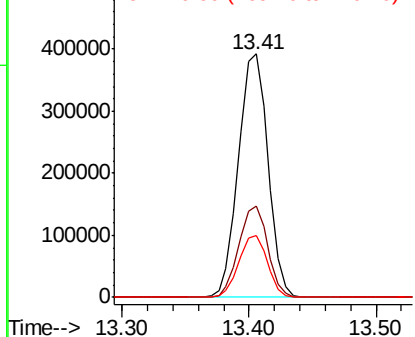
#45
2-Fluorobiphenyl
Concen: 74.808 ng
RT: 13.41 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 633382
Ion Ratio Lower Upper
172 100
171 37.5 30.8 46.2
170 25.1 20.2 30.4

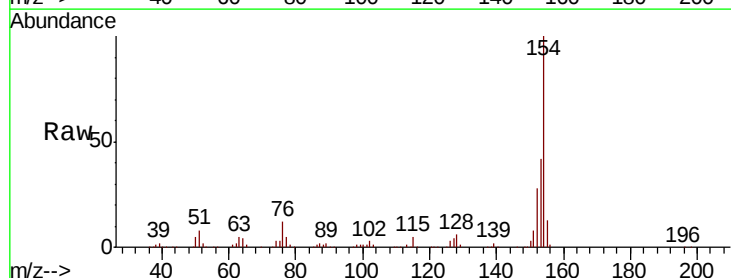


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

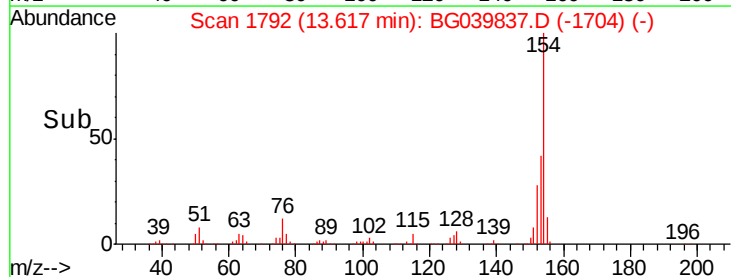
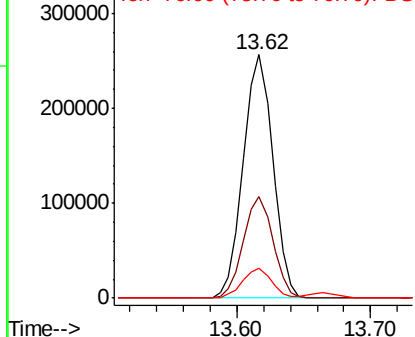


#46
1,1'-Biphenyl
Concen: 39.666 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:154 Resp: 393300
Ion Ratio Lower Upper
154 100
153 41.8 22.1 62.1
76 12.2 0.0 32.4



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

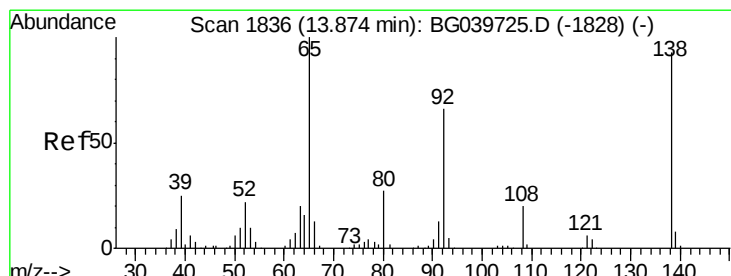
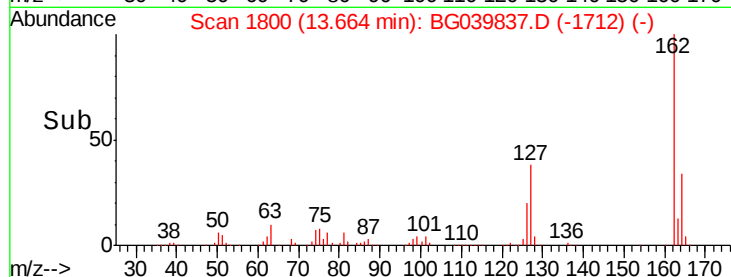
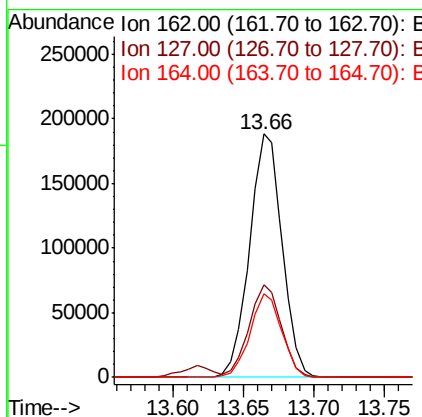
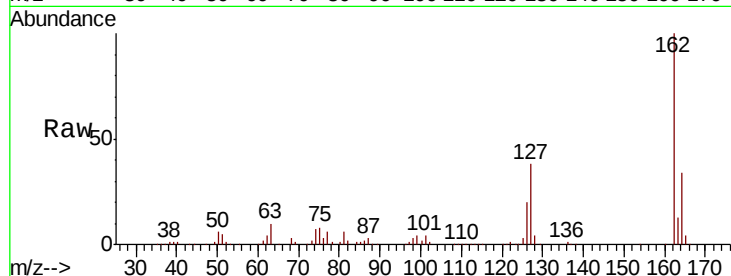




#47
 2-Chloronaphthalene
 Concen: 40.903 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

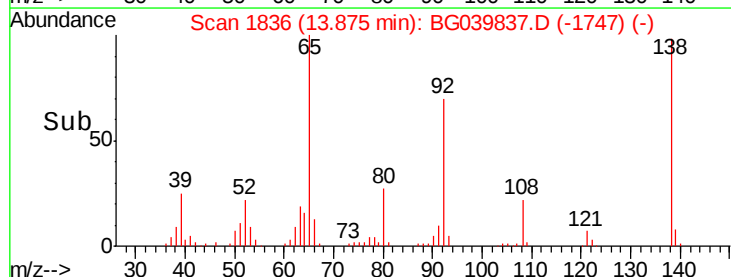
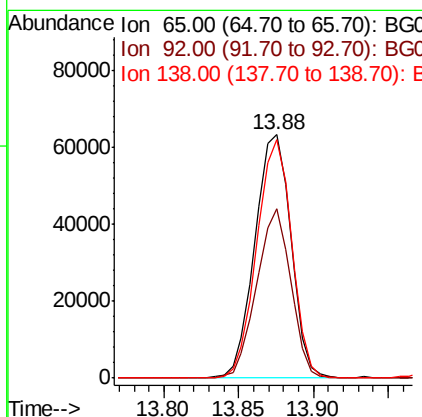
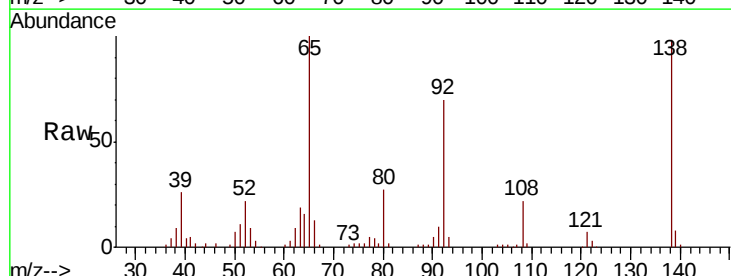
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	31.0	46.6
164	34.4	25.7	38.5



#48
 2-Nitroaniline
 Concen: 44.223 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	51.4	77.2
138	98.1	71.4	107.2





#49

Acenaphthylene

Concen: 40.601 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

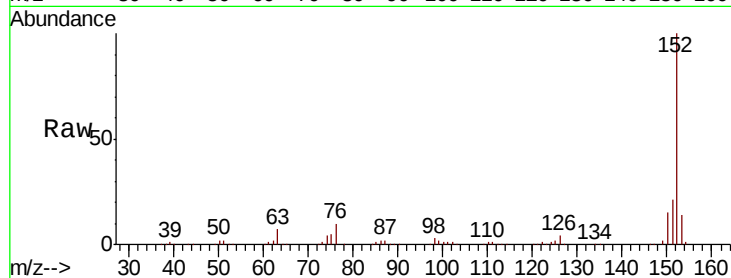
Tot Ion:152 Resp: 497158

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

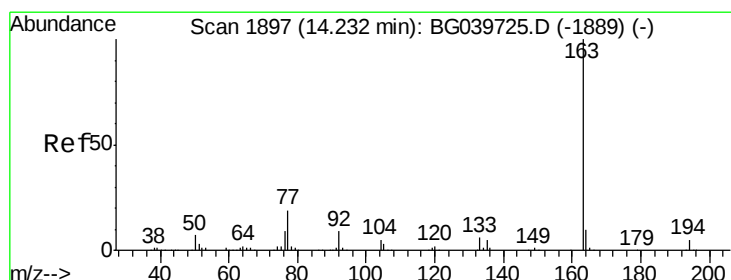
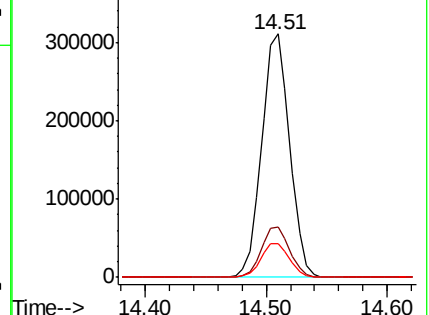
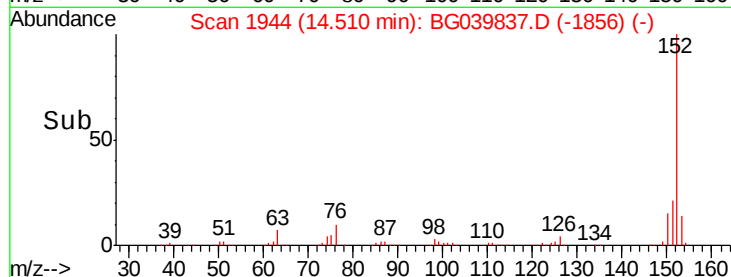
153 13.7 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.076 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

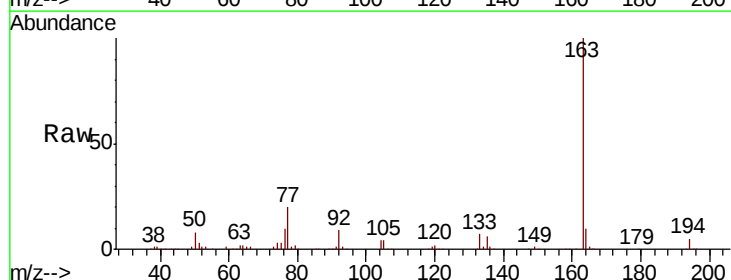
Tgt Ion:163 Resp: 414066

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

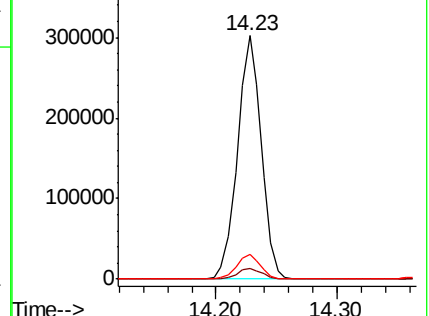
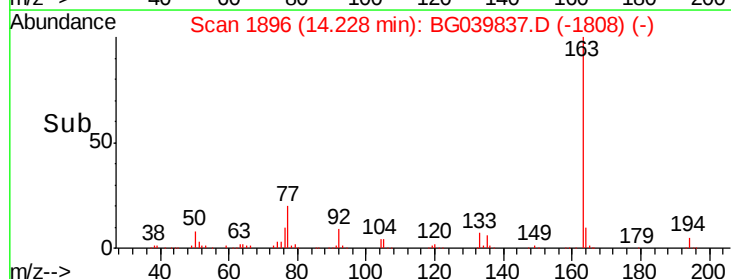
164 10.0 8.4 12.6

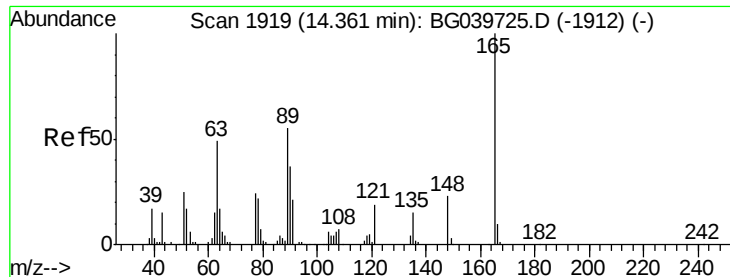


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

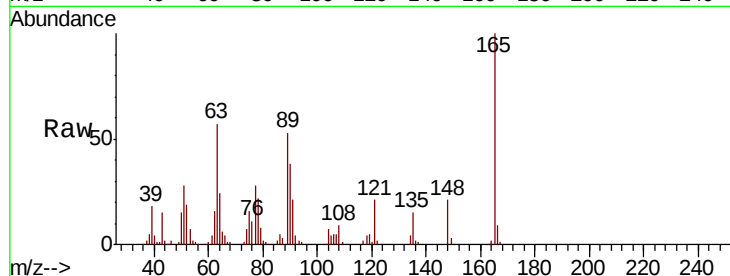




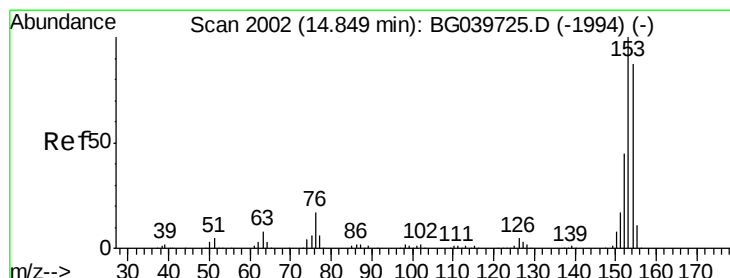
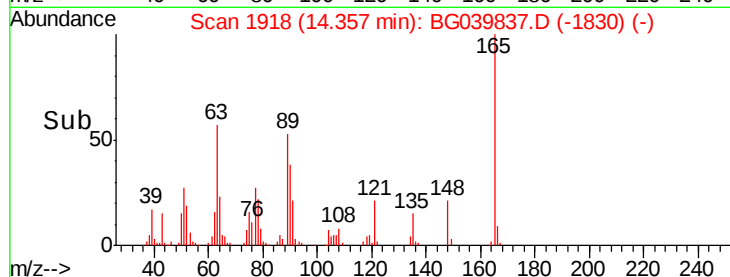
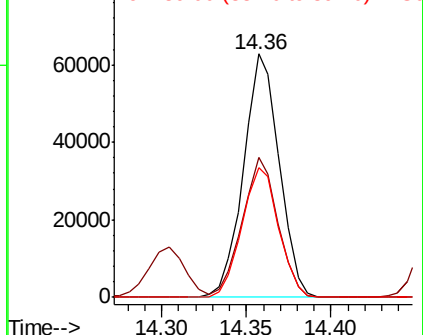
#51
2,6-Dinitrotoluene
Concen: 43.279 ng
RT: 14.36 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 92488
Ion Ratio Lower Upper
165 100
63 57.3 47.0 70.6
89 53.3 45.8 68.8

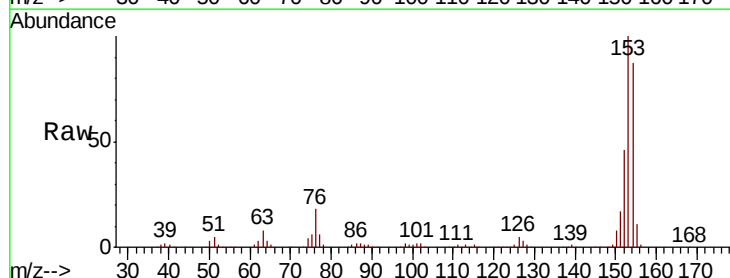


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

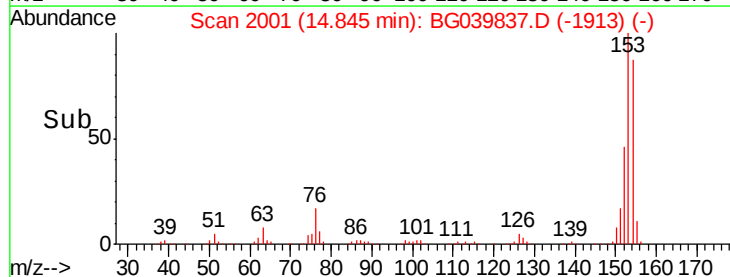
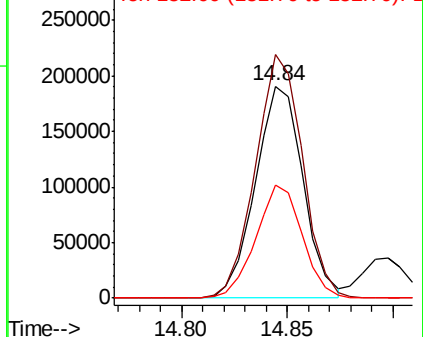


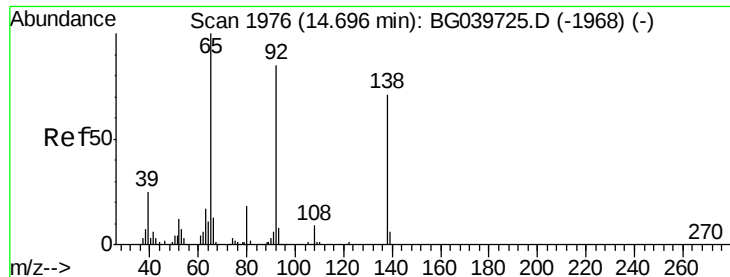
#52
Acenaphthene
Concen: 40.539 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:154 Resp: 298774
Ion Ratio Lower Upper
154 100
153 114.9 90.1 135.1
152 53.3 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

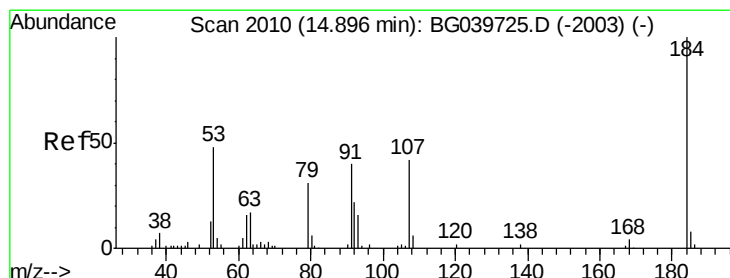
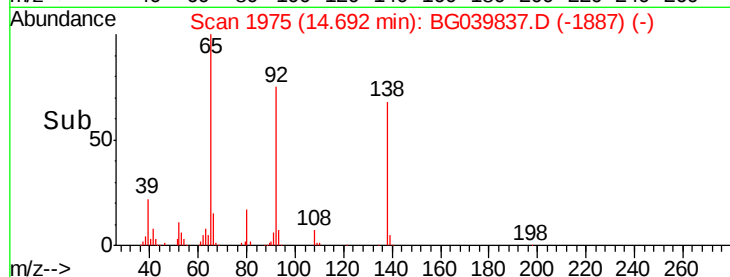
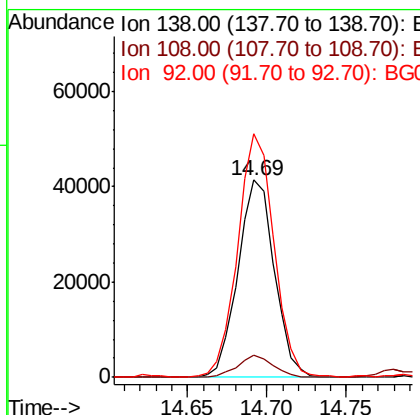
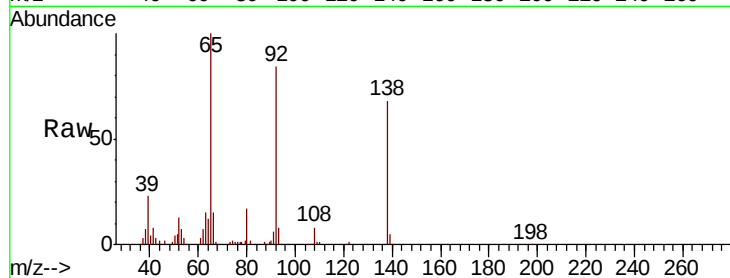




#53
3-Nitroaniline
Concen: 30.692 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

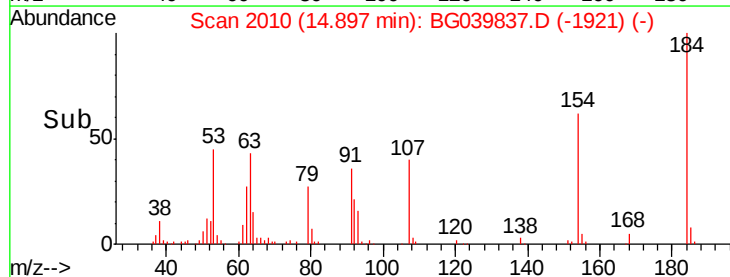
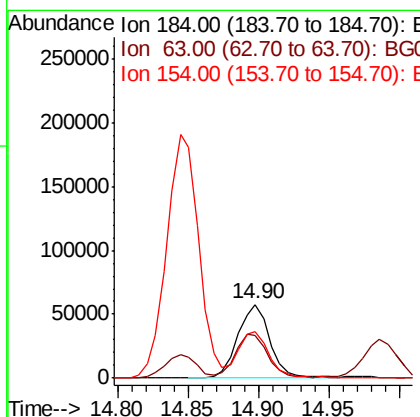
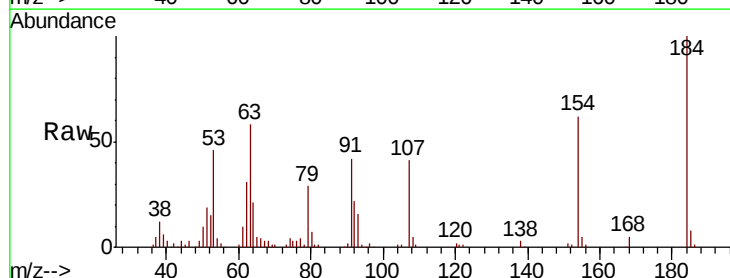
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 65932
Ion Ratio Lower Upper
138 100
108 11.2 13.8 20.8#
92 123.3 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 69.054 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:184 Resp: 92025
Ion Ratio Lower Upper
184 100
63 58.3 50.9 76.3
154 62.4 53.0 79.6

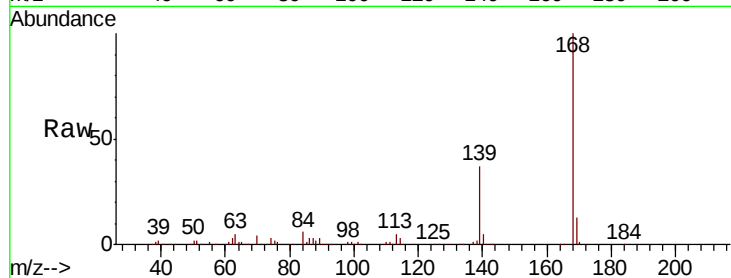




#55
Dibenzofuran
Concen: 41.524 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	12.8	10.6	16.0

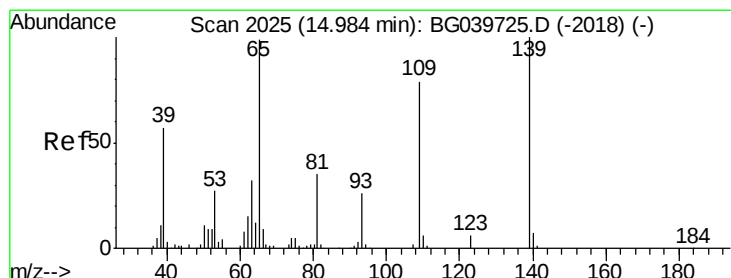
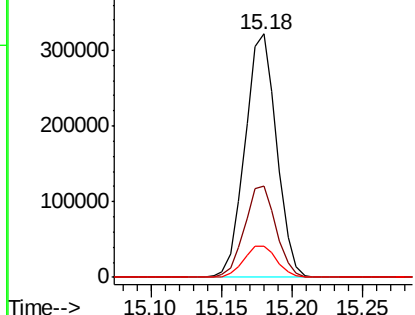
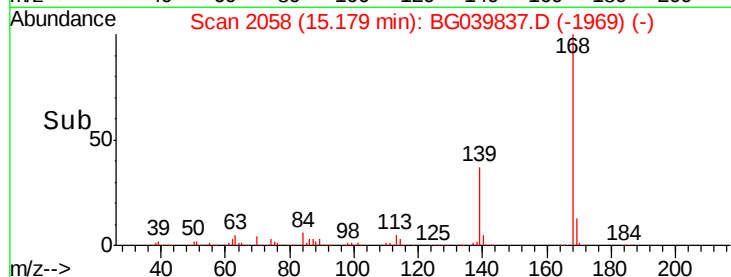


Abundance

Ion 168.00 (167.70 to 168.70): E

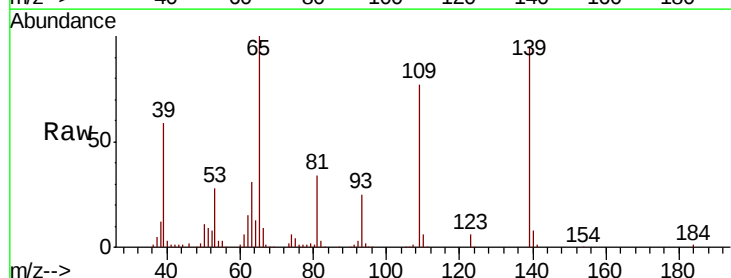
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.984 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.4	61.9	101.9
65	105.6	99.1	139.1

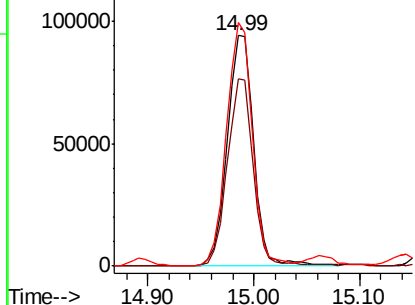
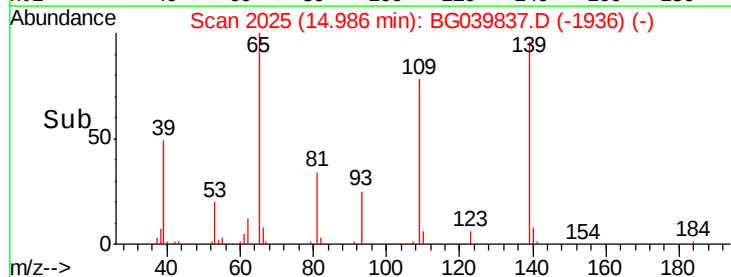


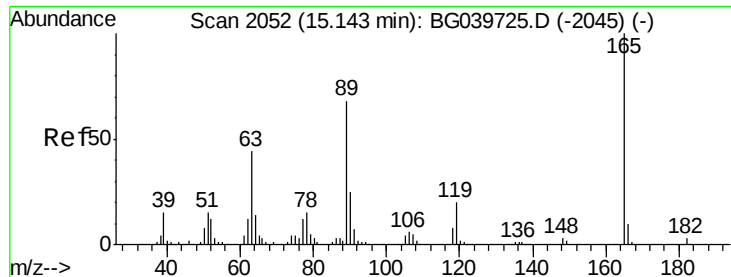
Abundance

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): BG

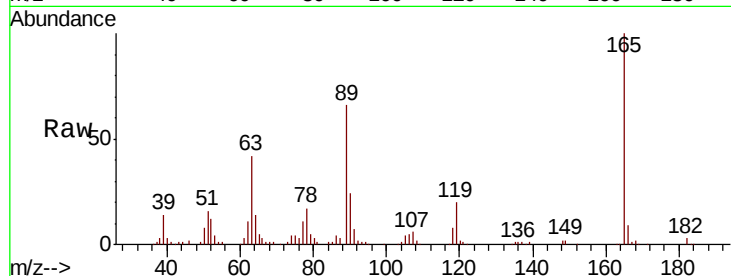




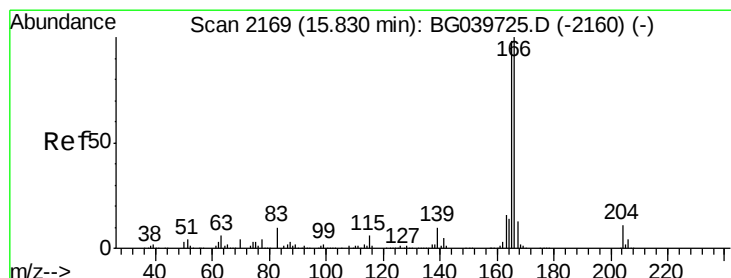
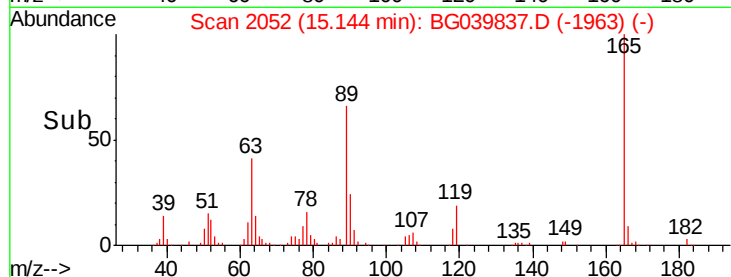
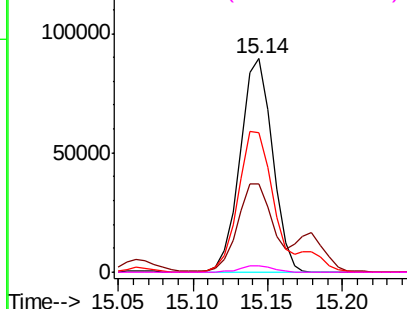
#57
2,4-Dinitrotoluene
Concen: 44.795 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	41.0	61.6
89	65.6	64.6	96.8
182	3.0	2.0	3.0

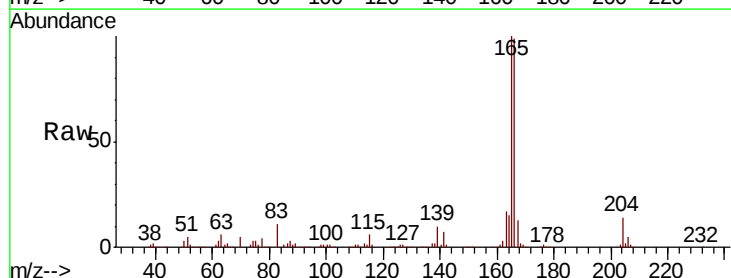


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

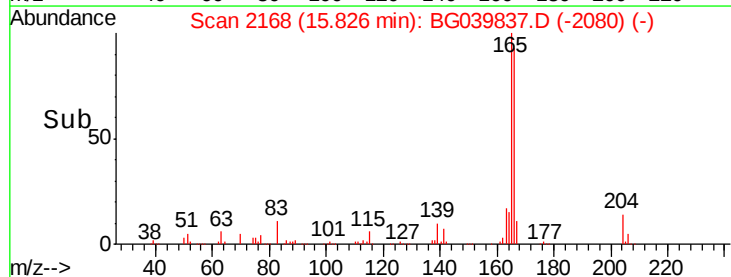
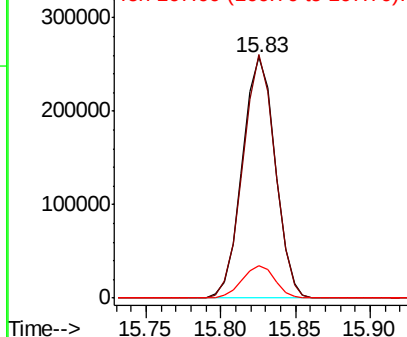


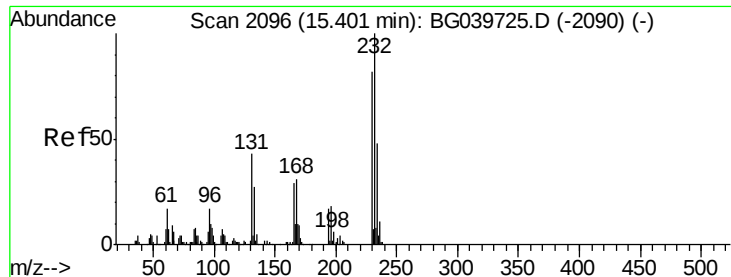
#58
Fluorene
Concen: 41.401 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.9	116.9
167	13.4	10.8	16.2



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.796 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 120539

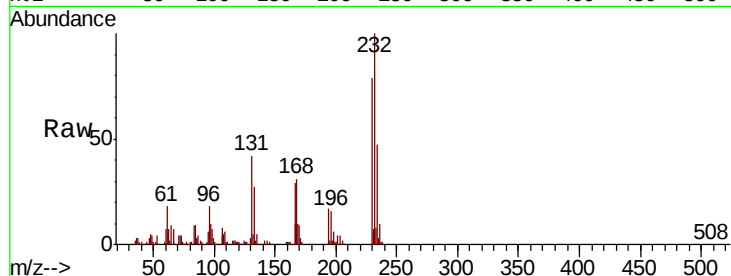
Ion Ratio Lower Upper

232 100

131 40.7 34.9 52.3

130 2.4 2.0 3.0

166 29.6 24.1 36.1

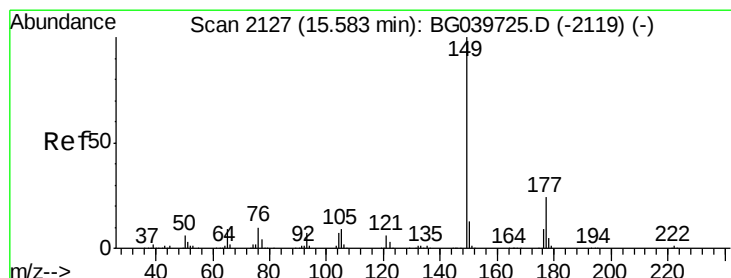
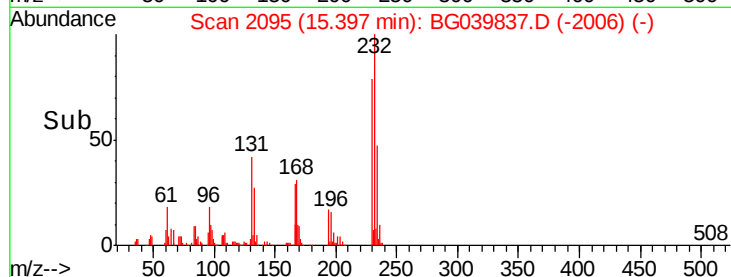
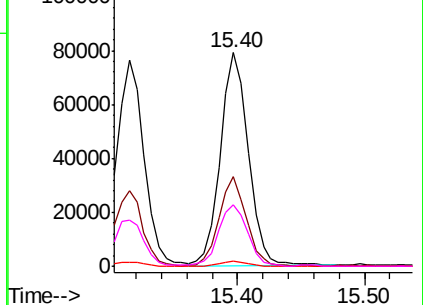


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.160 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

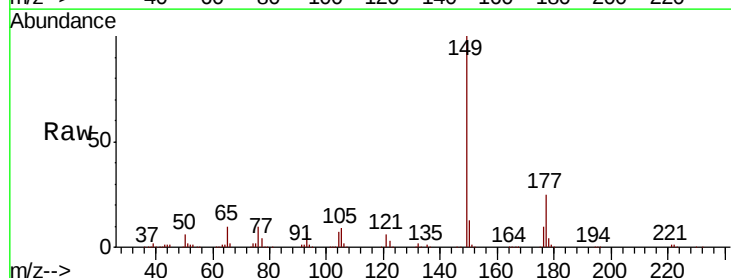
Tgt Ion:149 Resp: 430695

Ion Ratio Lower Upper

149 100

177 24.7 18.3 27.5

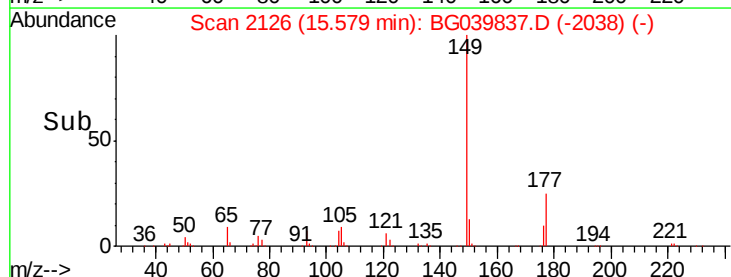
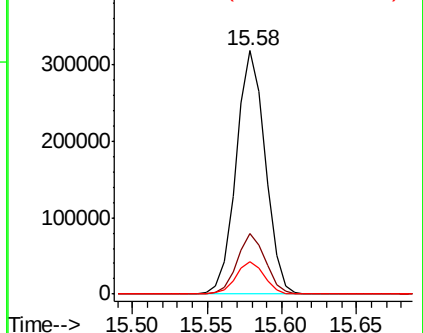
150 13.1 10.2 15.2



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

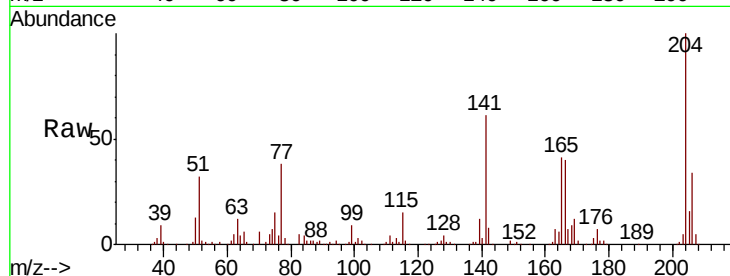




#61
4-Chlorophenyl-phenylether
Concen: 41.118 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	29.2	43.8
141	60.5	49.0	73.4

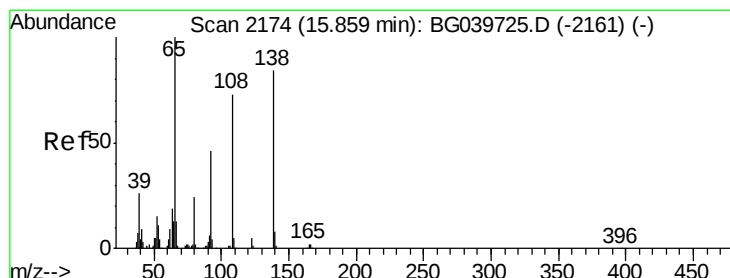
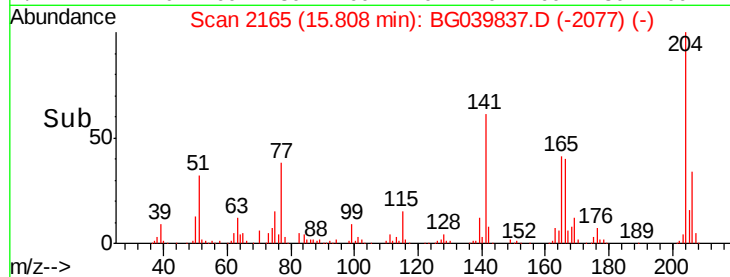
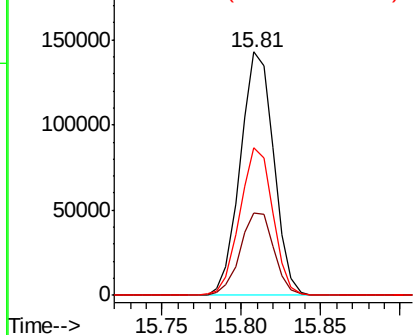


Abundance

Ion 204.00 (203.70 to 204.70): E

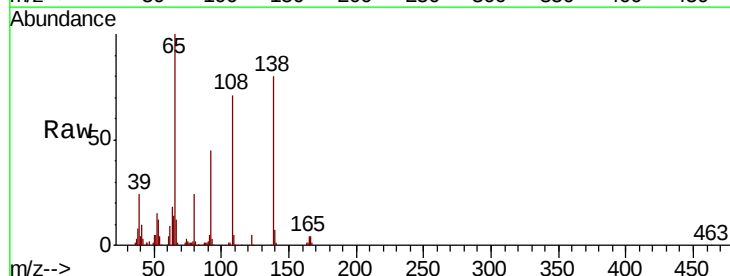
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.293 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	38.7	78.7
108	88.2	74.6	114.6

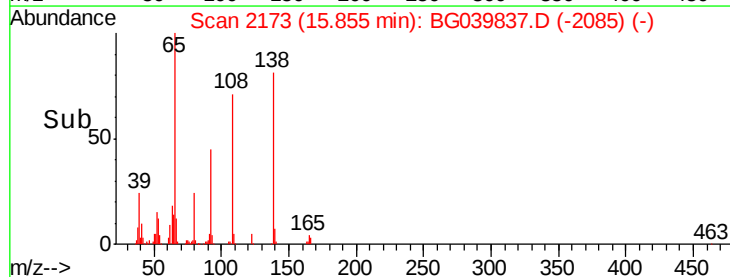
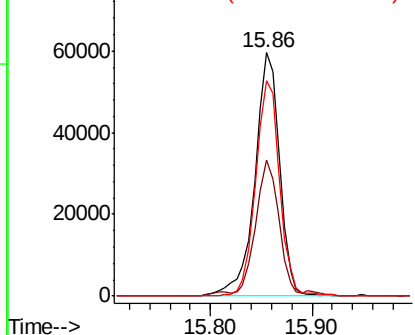


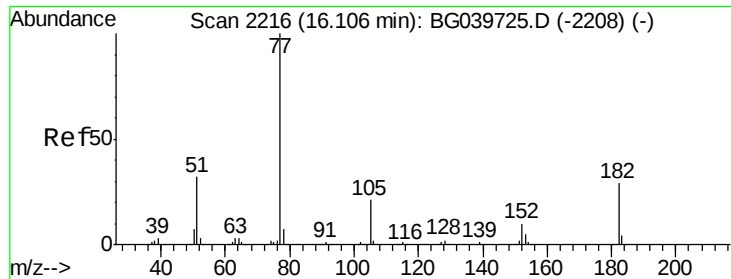
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.722 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 377405

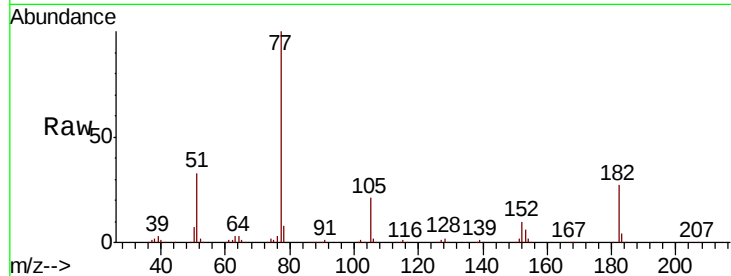
Ion Ratio Lower Upper

77 100

182 27.4 6.4 46.4

105 20.9 0.0 39.8

51 33.2 14.1 54.1

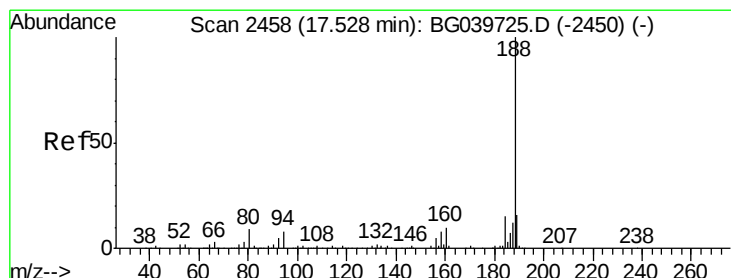
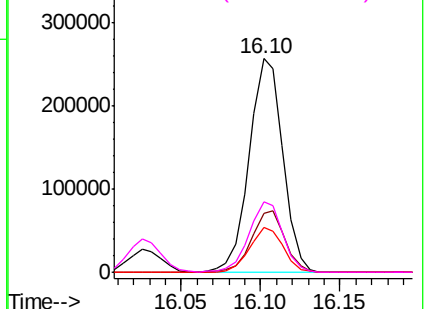
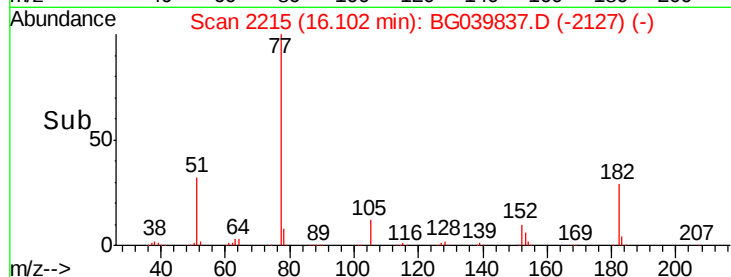


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

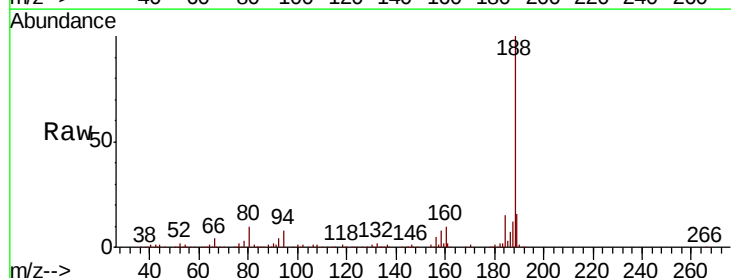
Tgt Ion: 188 Resp: 309639

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

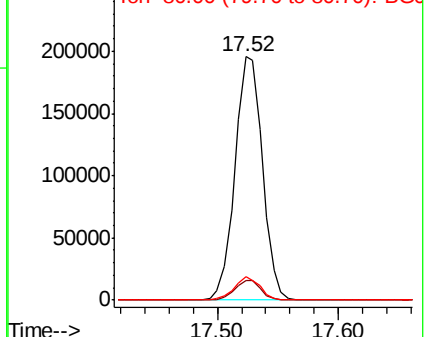
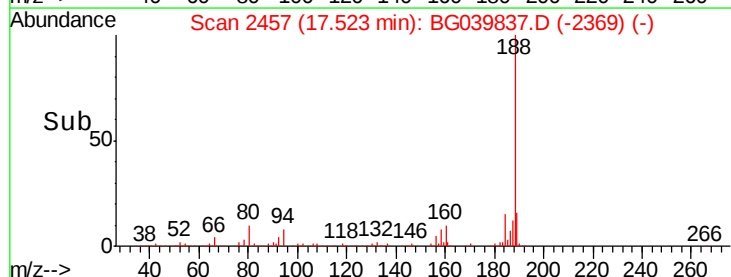
80 9.8 8.1 12.1



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: 39.347 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

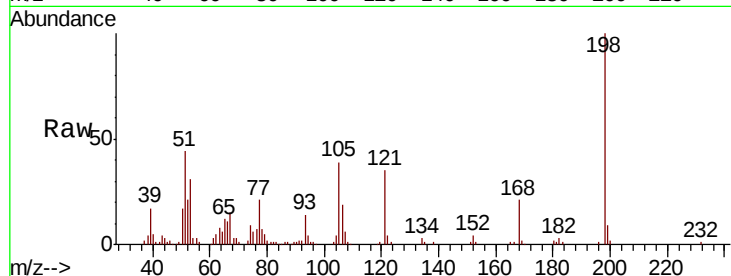
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 72036

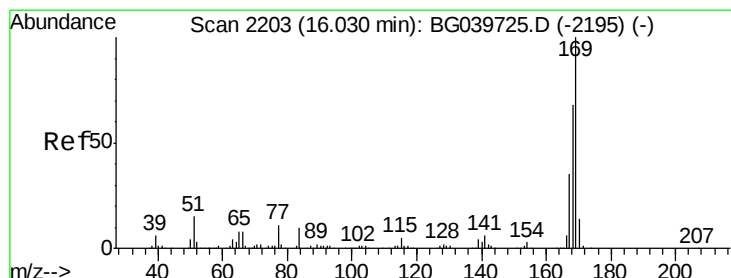
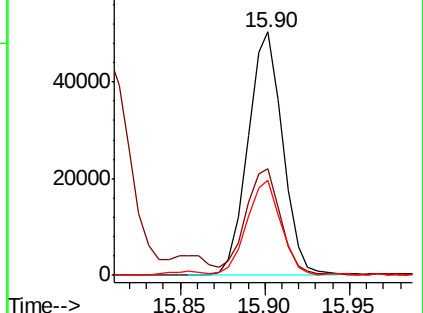
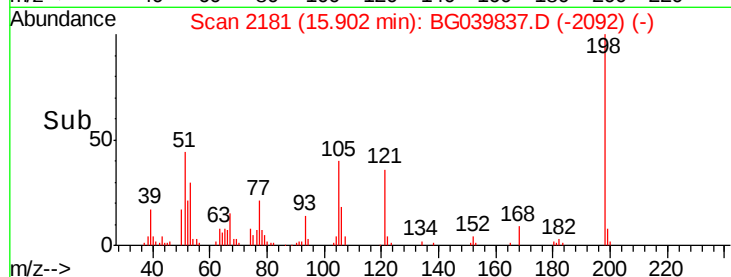
Ion	Ratio	Lower	Upper
198	100		
51	43.8	27.4	67.4
105	39.2	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039837.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG039837.D (-2174) (-)



#66

n-Nitrosodiphenylamine

Concen: 41.555 ng

RT: 16.03 min Scan# 2202

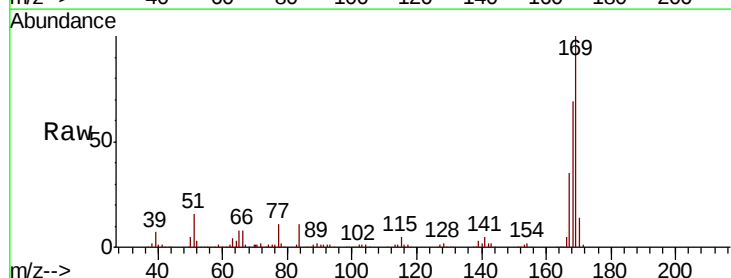
Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:169 Resp: 372502

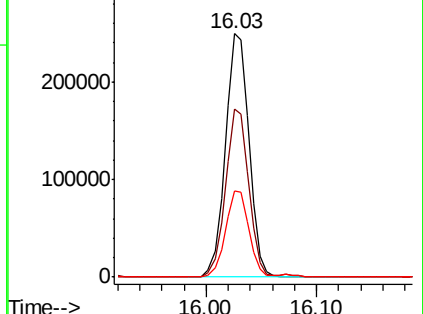
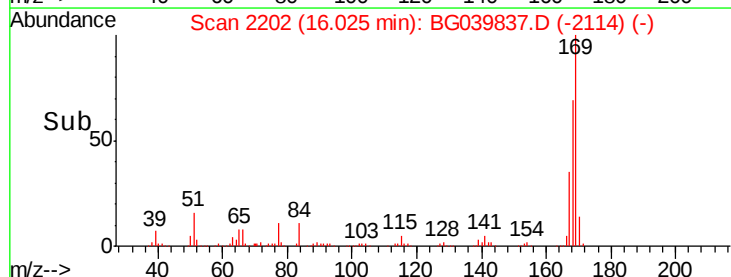
Ion	Ratio	Lower	Upper
169	100		
168	69.2	56.6	85.0
167	35.4	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039837.D (-2195) (-)

Ion 167.00 (166.70 to 167.70): BG039837.D (-2195) (-)

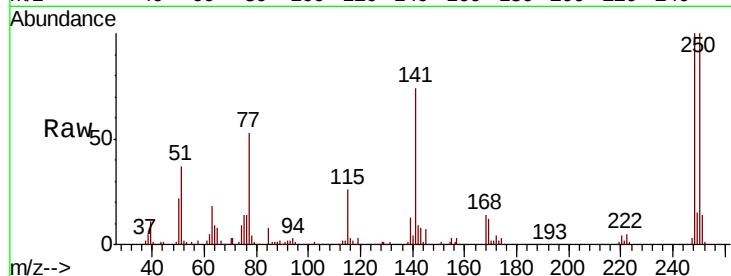




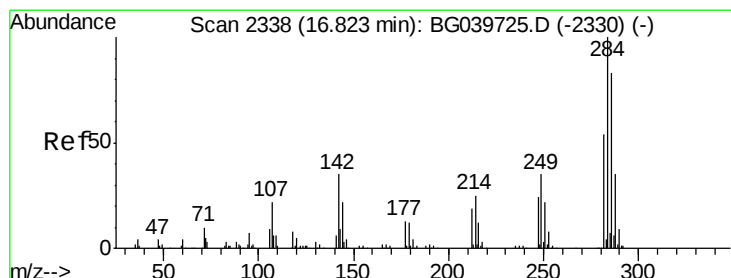
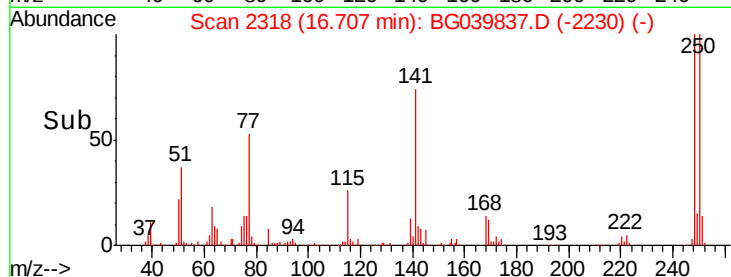
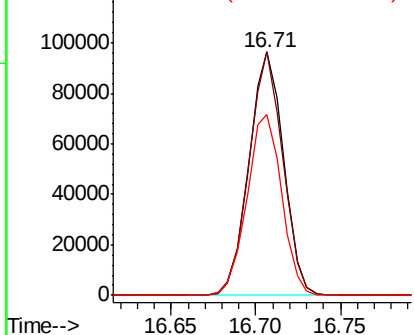
#67
 4-Bromophenyl-phenylether
 Concen: 39.501 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 136907
 Ion Ratio Lower Upper
 248 100
 250 100.1 77.6 116.4
 141 74.3 63.9 95.9

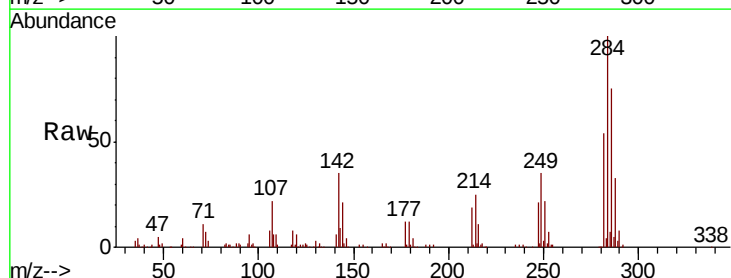


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

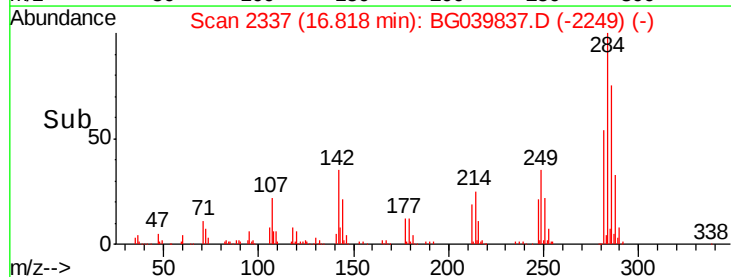
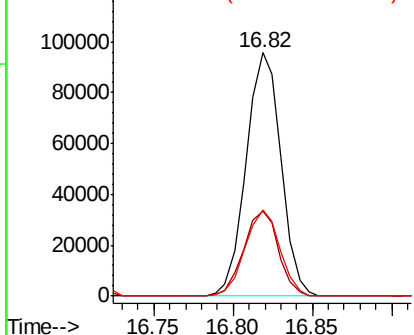


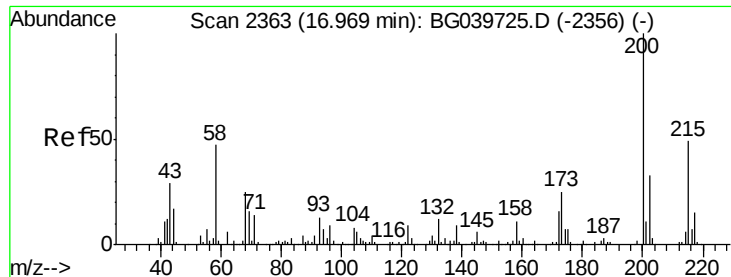
#68
 Hexachlorobenzene
 Concen: 40.641 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039837.D
 Acq: 11 Mar 2019 11:58

Tgt Ion:284 Resp: 146007
 Ion Ratio Lower Upper
 284 100
 142 34.7 30.6 45.8
 249 35.3 28.2 42.2



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





#69

Atrazine

Concen: 42.651 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

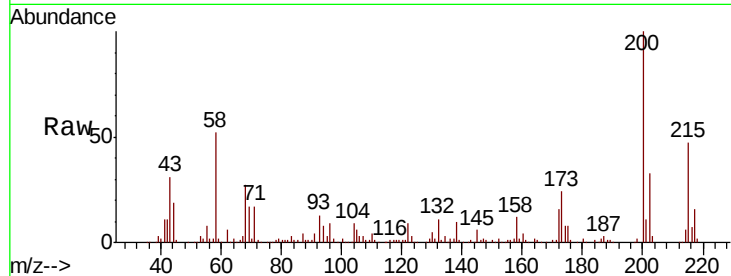
Tot Ion:200 Resp: 150469

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

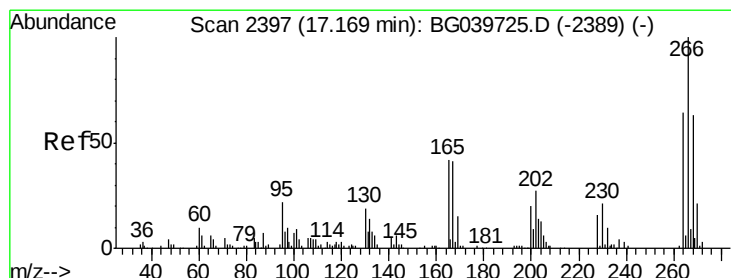
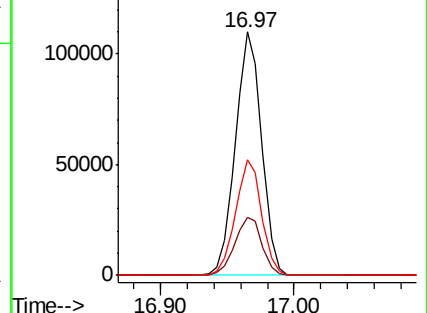
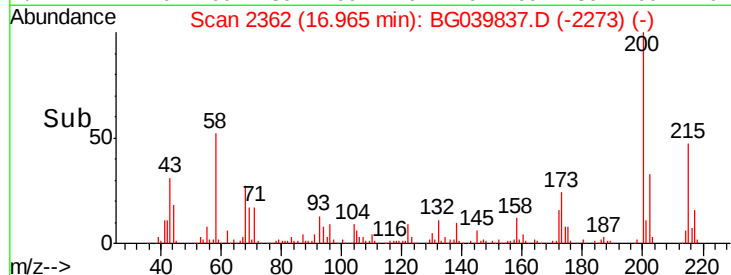
215 47.3 30.9 70.9



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: 79.703 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

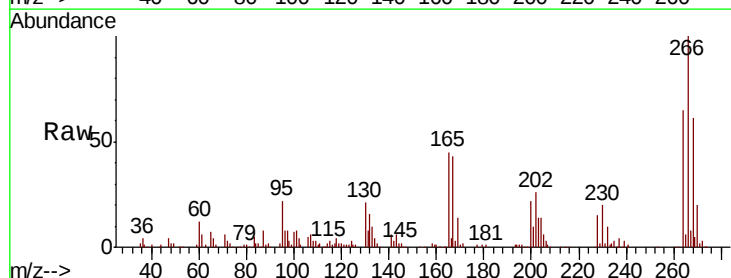
Tgt Ion:266 Resp: 180842

Ion Ratio Lower Upper

266 100

268 61.3 51.1 76.7

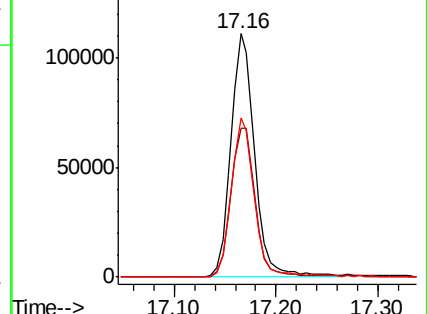
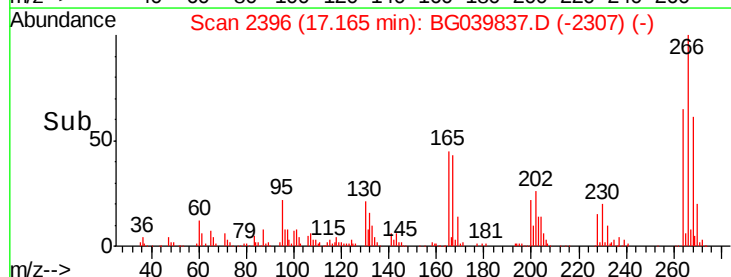
264 65.3 52.1 78.1

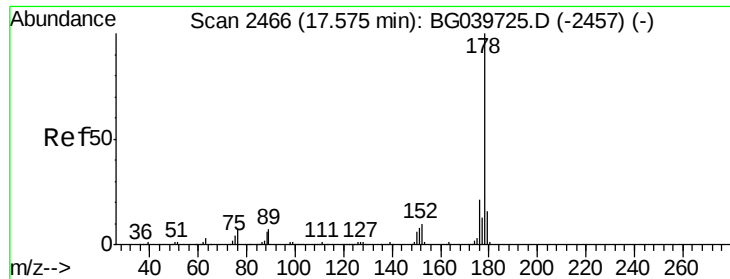


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

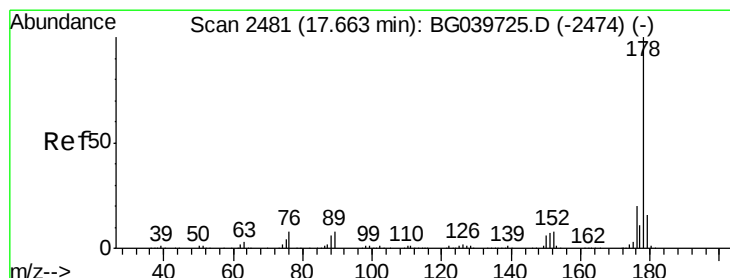
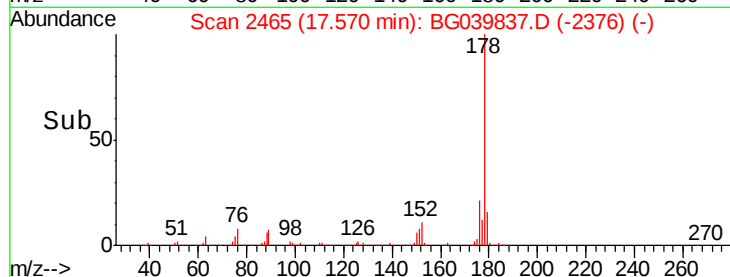
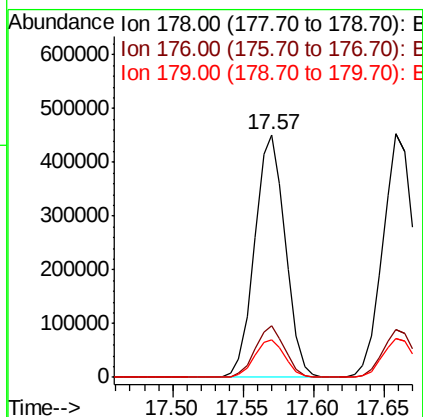
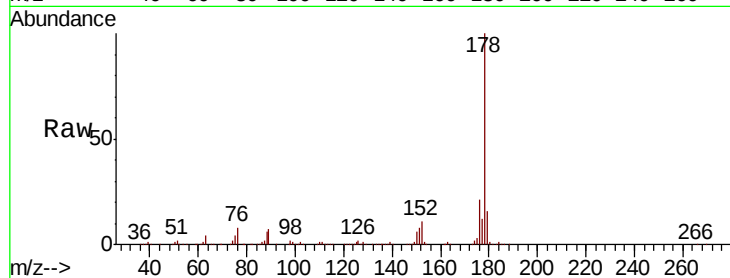




#71
Phenanthrene
Concen: 40.363 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

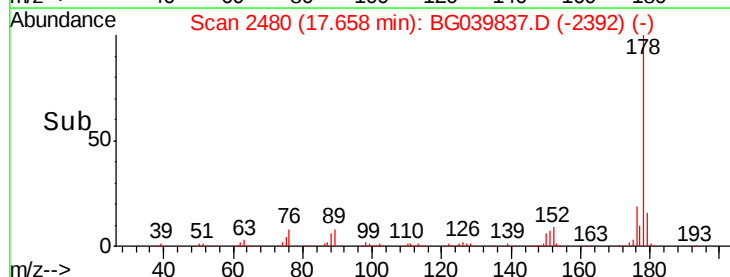
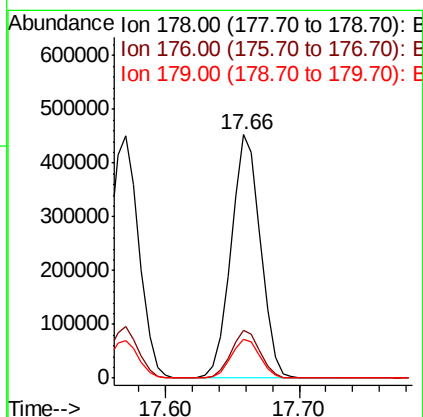
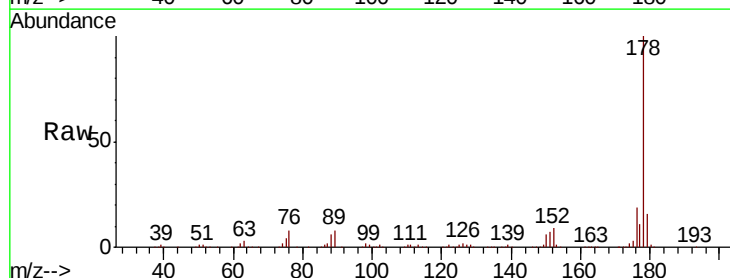
Instrument :
BNA_G
ClientSampleId :

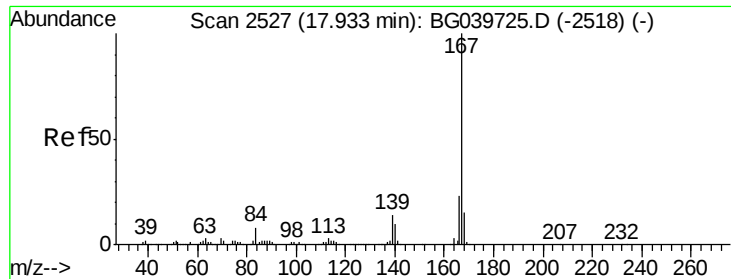
Tot Ion:178 Resp: 688407
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 15.7 12.6 19.0



#72
Anthracene
Concen: 41.663 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion:178 Resp: 692445
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 16.2 12.5 18.7





#73

Carbazole

Concen: 41.600 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

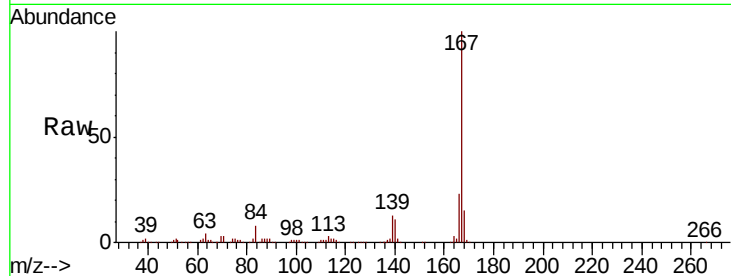
Tot Ion:167 Resp: 623301

Ion Ratio Lower Upper

167 100

166 23.1 19.4 29.2

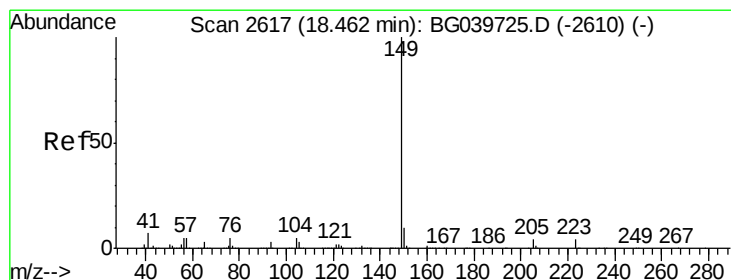
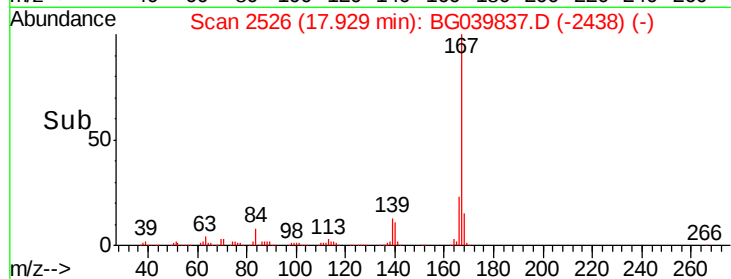
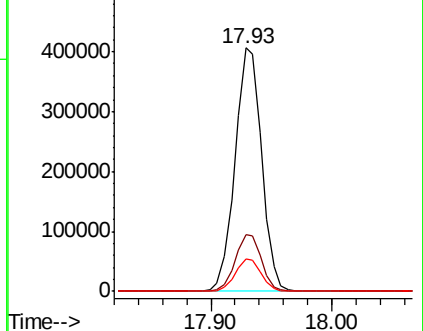
139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.006 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

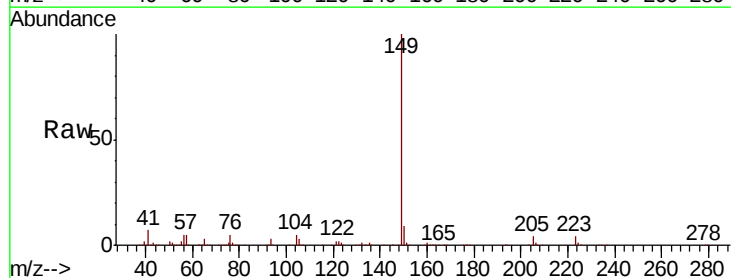
Tgt Ion:149 Resp: 758139

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

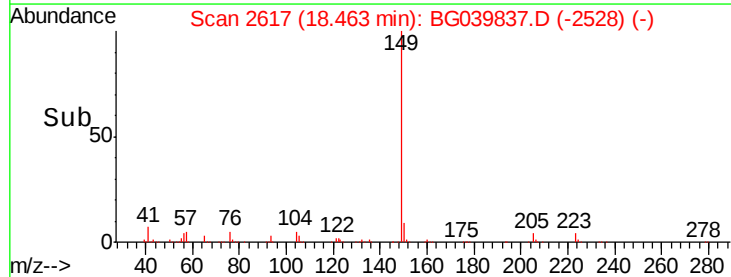
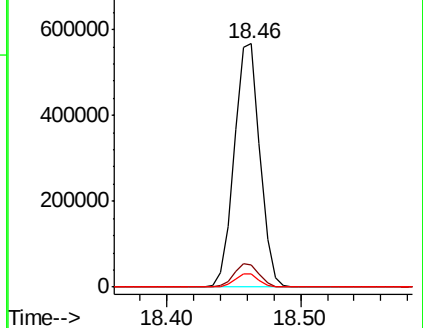
104 5.4 4.5 6.7

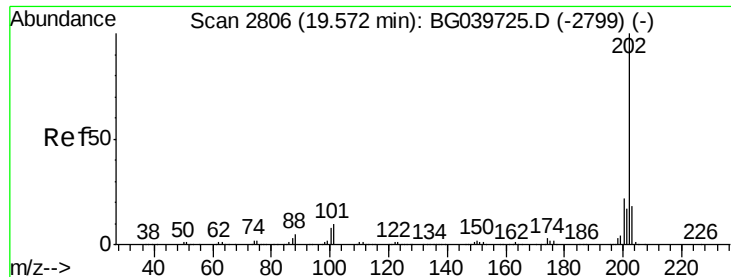


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.967 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

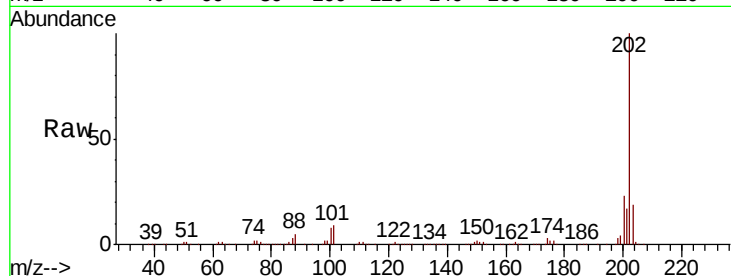
Tot Ion:202 Resp: 845891

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

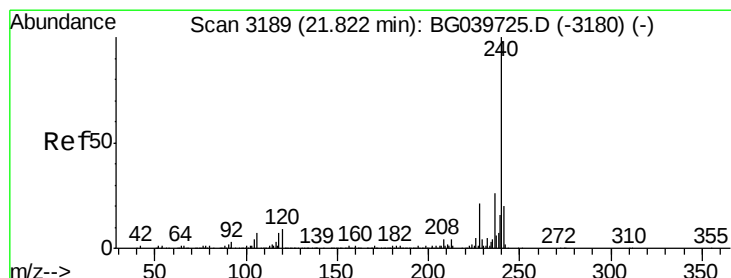
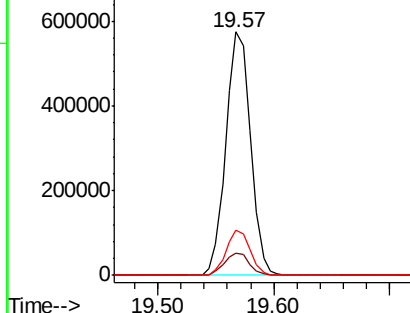
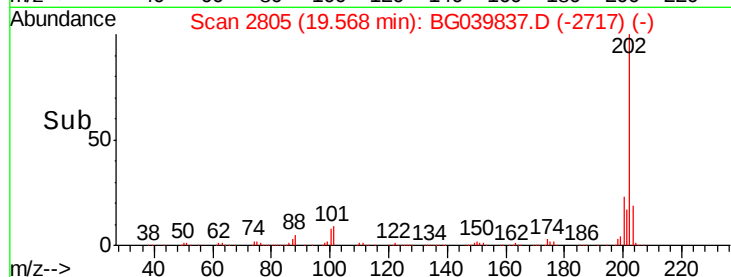
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

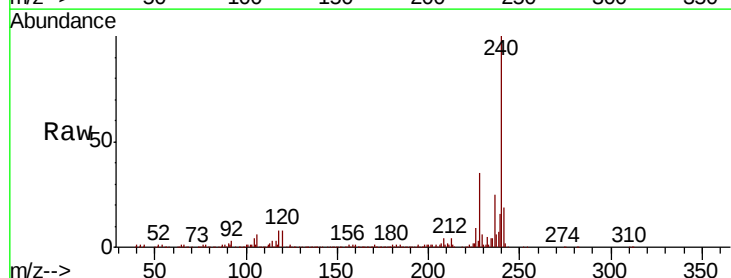
Tgt Ion:240 Resp: 318387

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

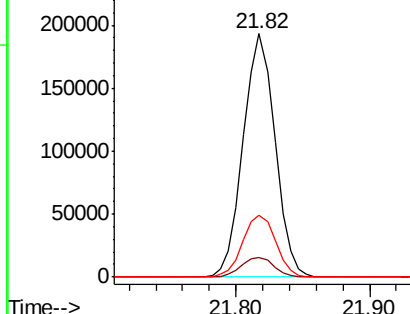
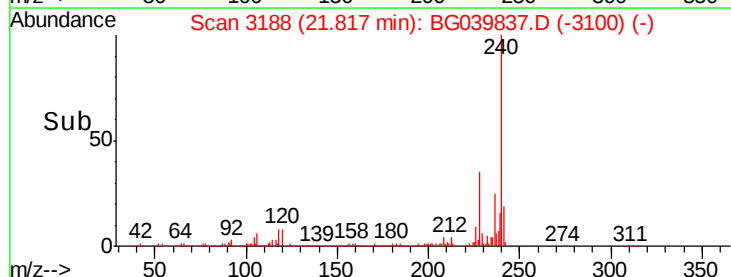
236 25.5 21.0 31.4

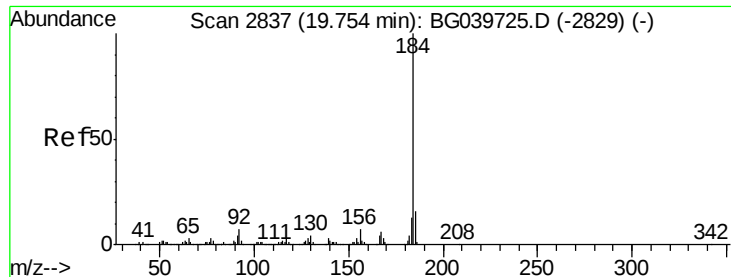


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.534 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

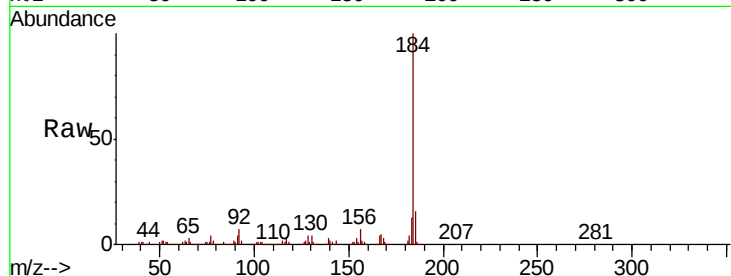
Tot Ion:184 Resp: 308495

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

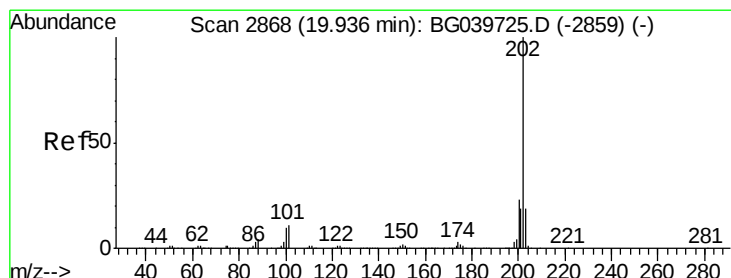
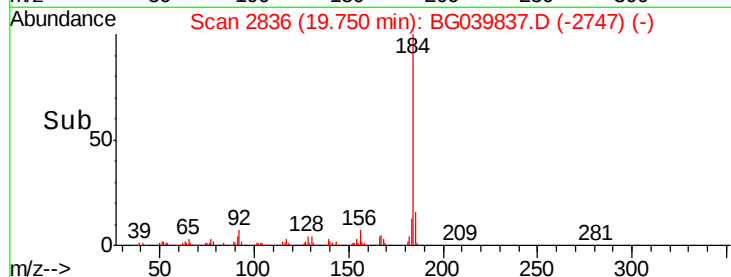
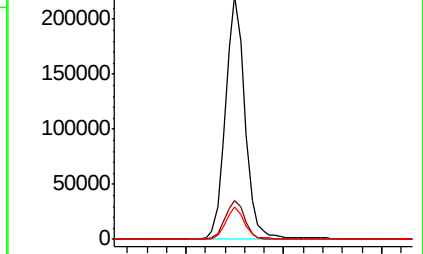
183 13.4 10.6 15.8



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: 40.774 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

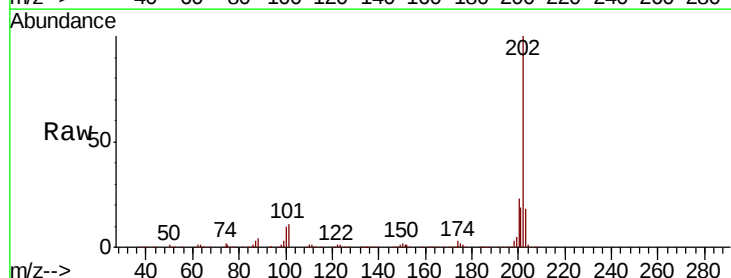
Tgt Ion:202 Resp: 843578

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

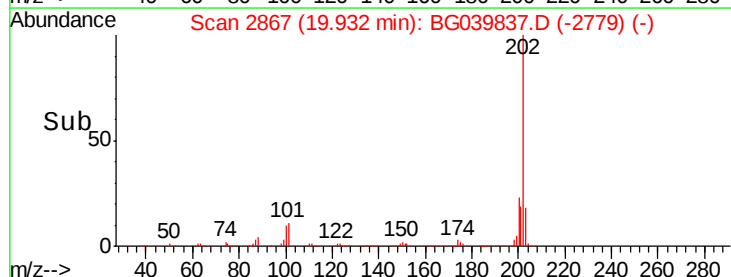
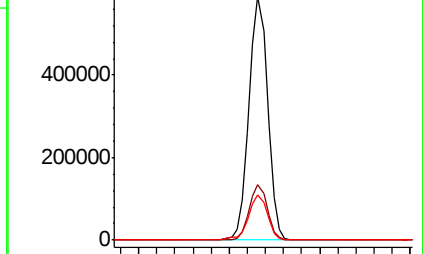
203 18.4 15.3 22.9

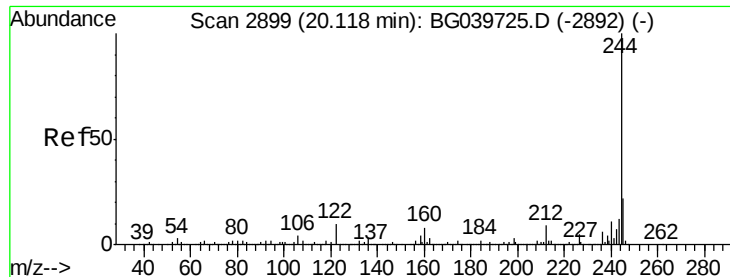


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.921 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

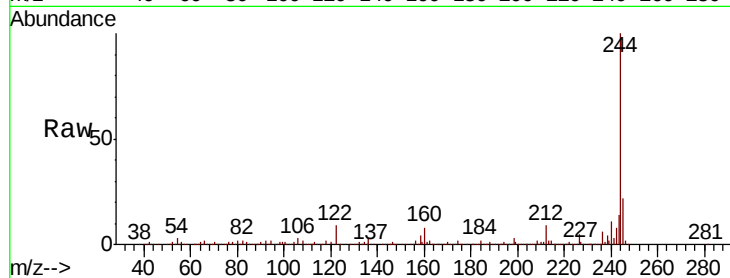
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1126752

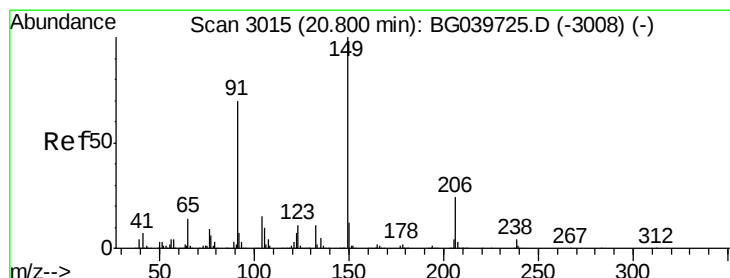
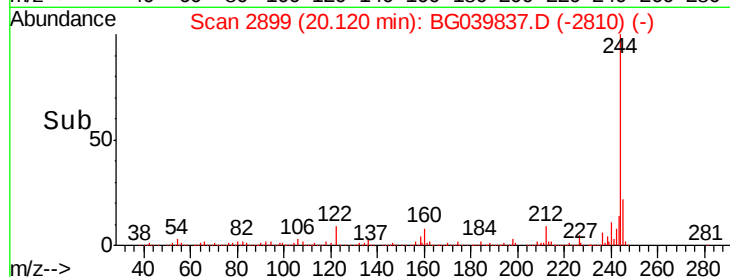
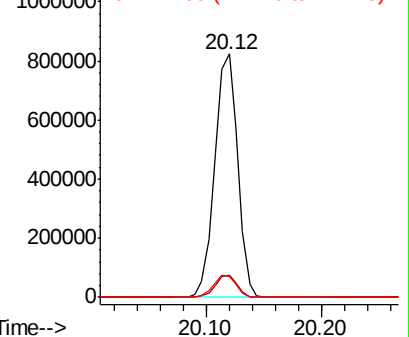
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.3	10.9
122	8.8	8.4	12.6



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: 43.566 ng

RT: 20.80 min Scan# 3014

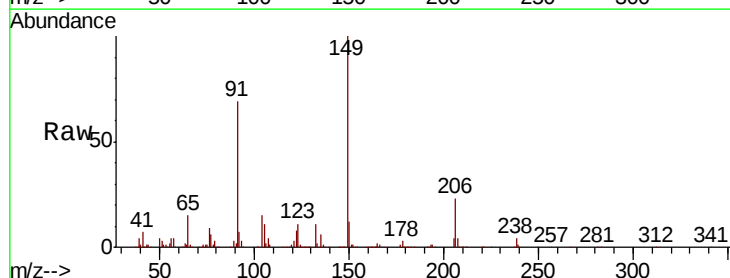
Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:149 Resp: 349205

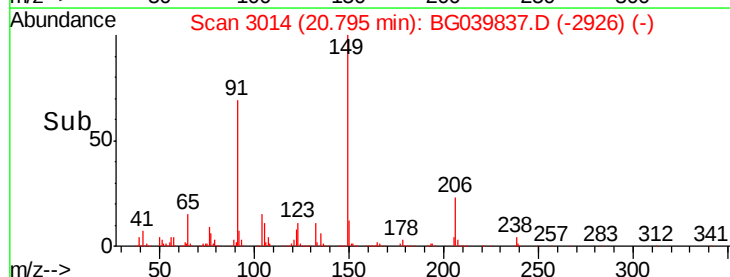
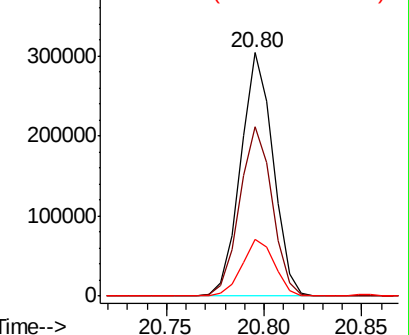
Ion	Ratio	Lower	Upper
149	100		
91	69.4	59.5	89.3
206	23.1	18.6	27.8



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

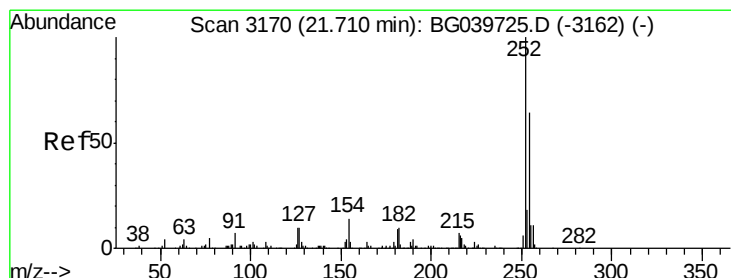
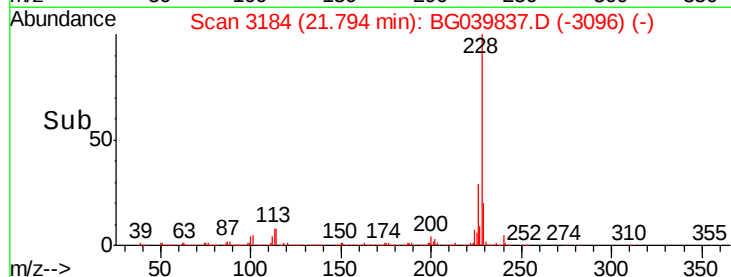
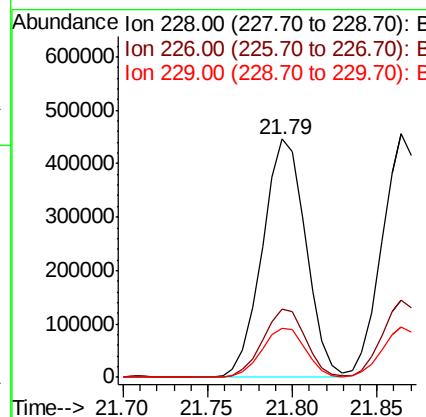
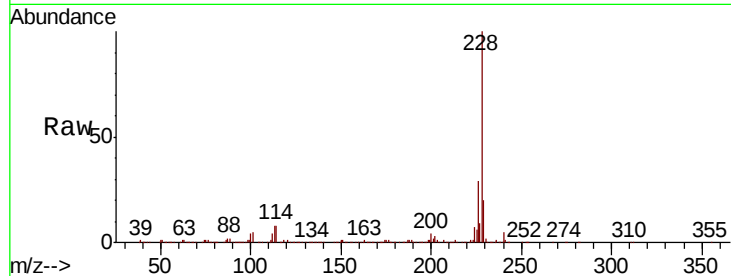




#81
Benzo(a)anthracene
Concen: 39.759 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

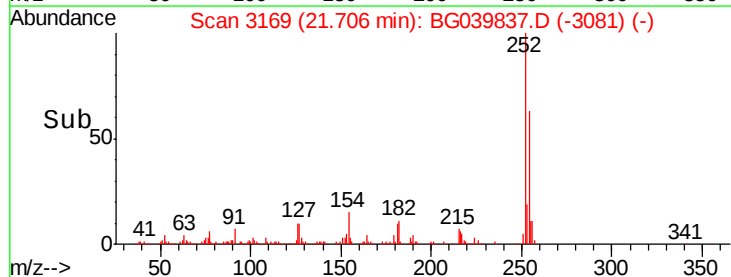
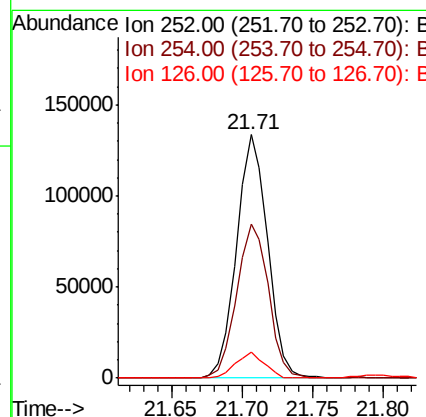
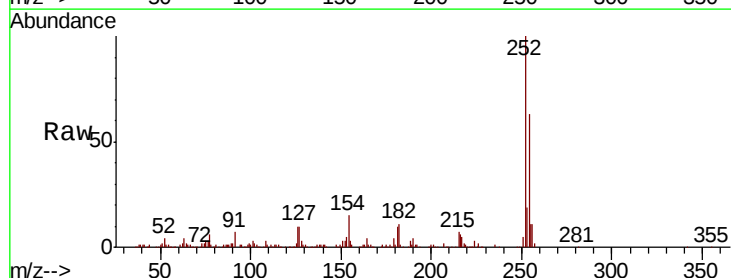
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.0	34.6
229	20.4	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 28.171 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.3	76.9
126	10.5	8.0	12.0





#83

Chrysene

Concen: 39.313 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

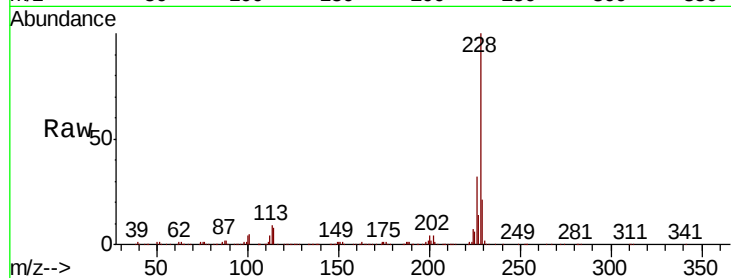
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 760506

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.6	16.6	25.0

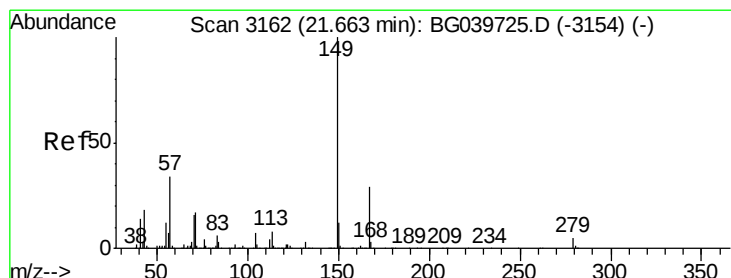
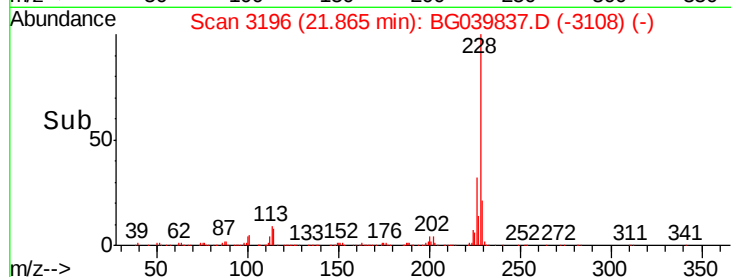
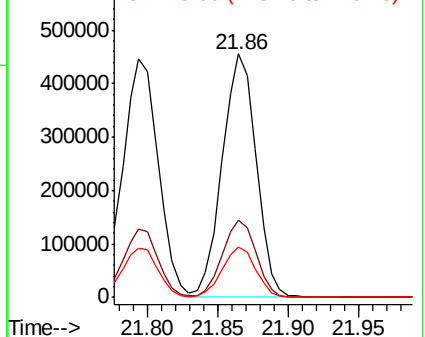


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.117 ng

RT: 21.66 min Scan# 3161

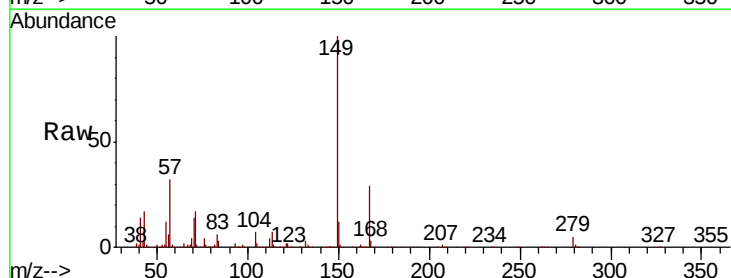
Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Tgt Ion:149 Resp: 485658

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.6	34.0
279	4.7	3.5	5.3

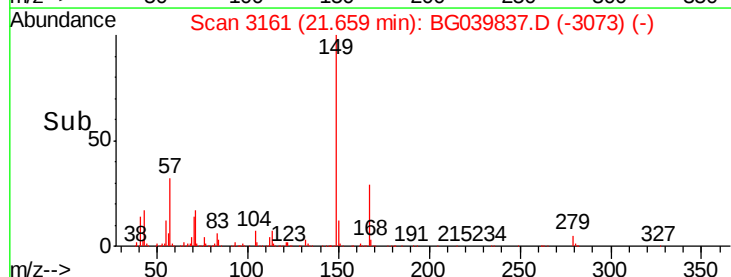
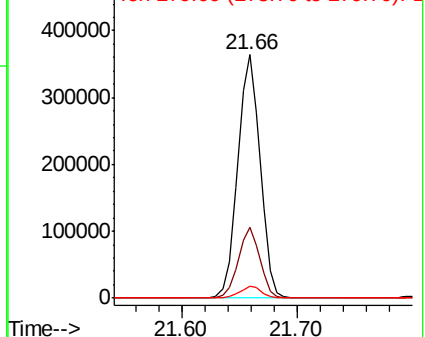


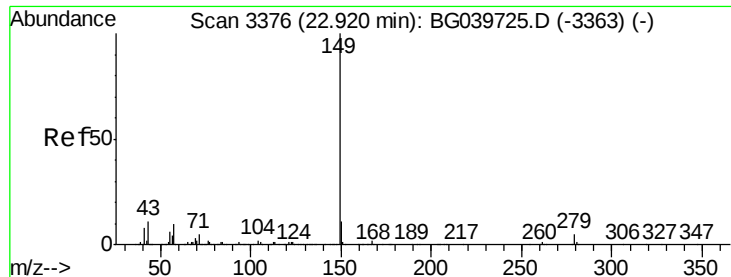
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.192 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampleId :

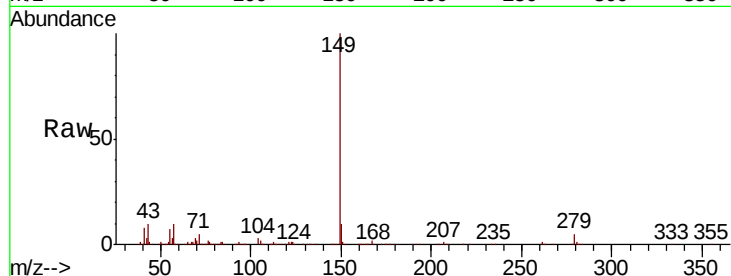
Tot Ion:149 Resp: 824180

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

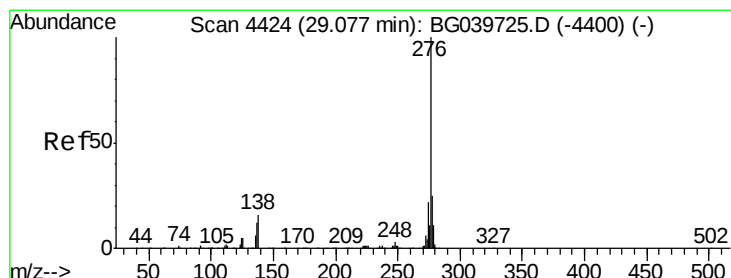
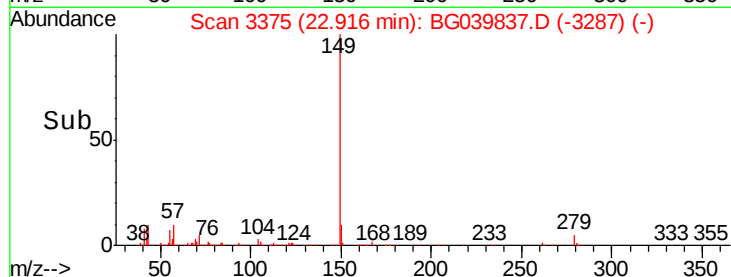
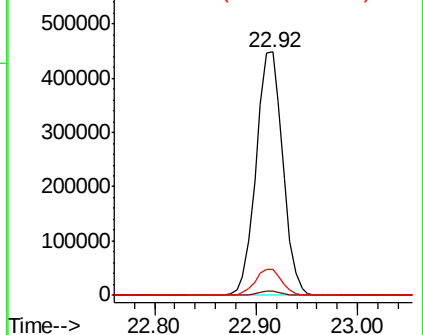
43 10.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.150 ng

RT: 29.07 min Scan# 4422

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

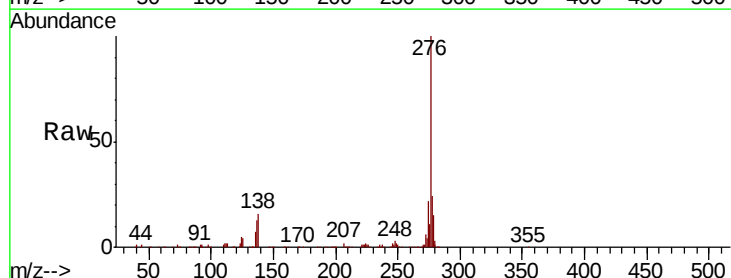
Tgt Ion:276 Resp: 881125

Ion Ratio Lower Upper

276 100

138 13.6 12.6 19.0

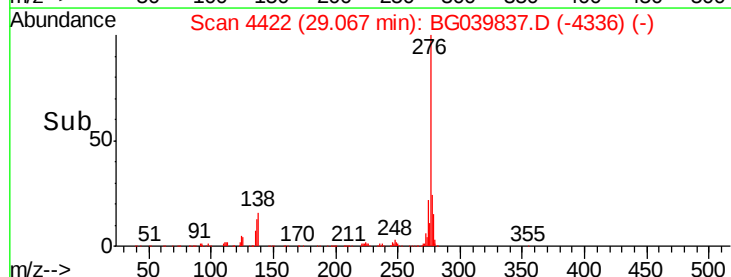
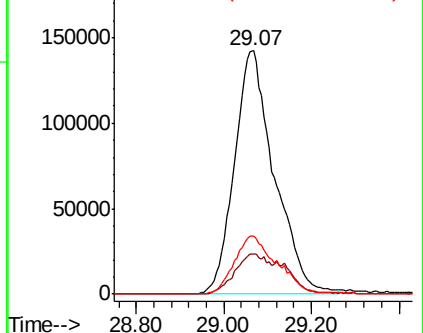
277 25.3 20.8 31.2

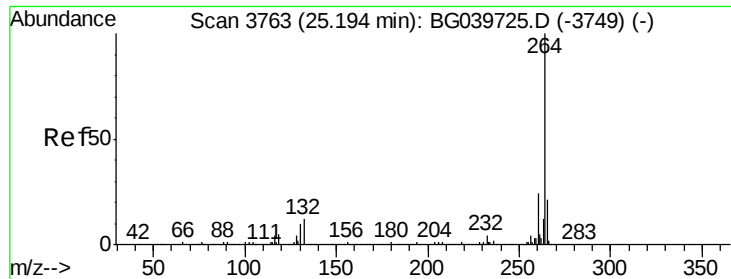


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

Instrument :

BNA_G

ClientSampled :

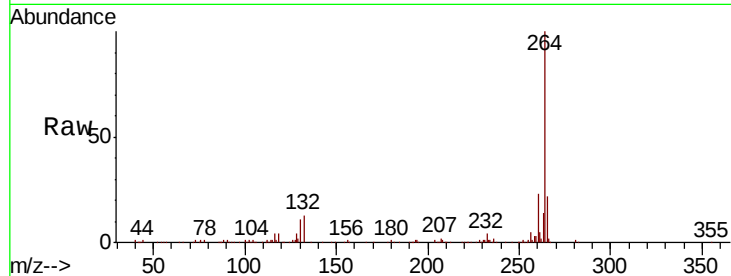
Tot Ion:264 Resp: 293443

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

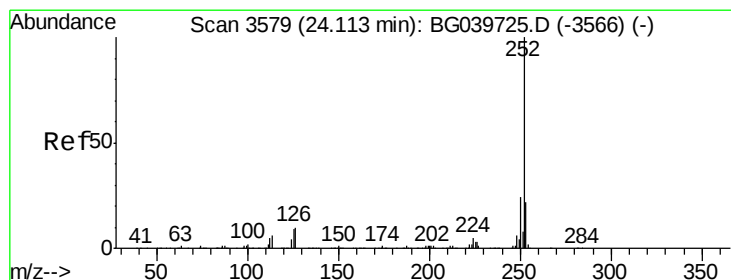
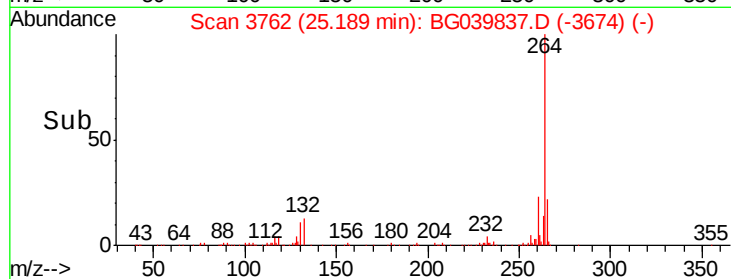
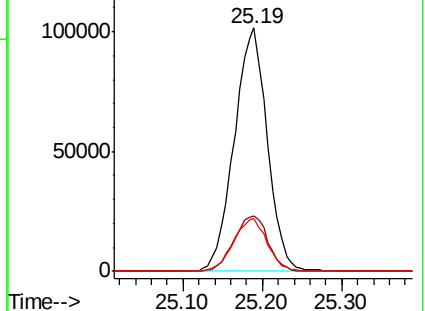
265 21.8 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.993 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.02 min

Lab File: BG039837.D

Acq: 11 Mar 2019 11:58

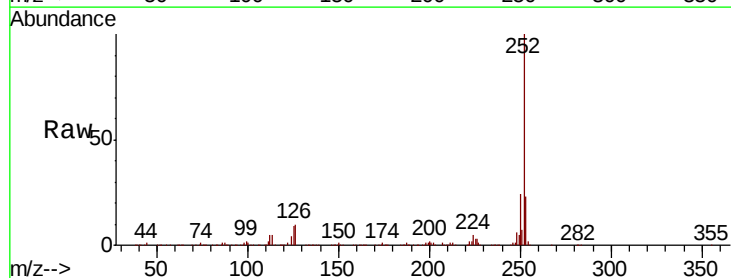
Tgt Ion:252 Resp: 804819

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

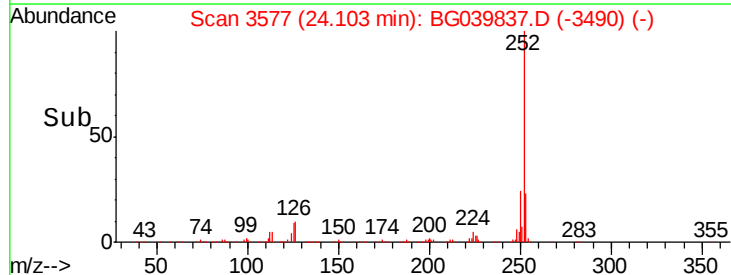
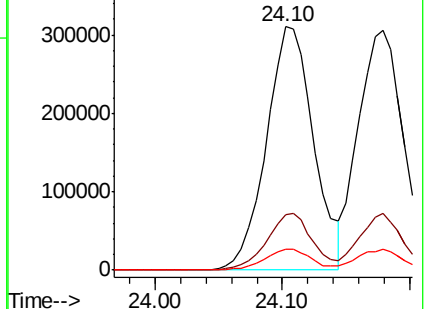
125 8.8 7.8 11.6

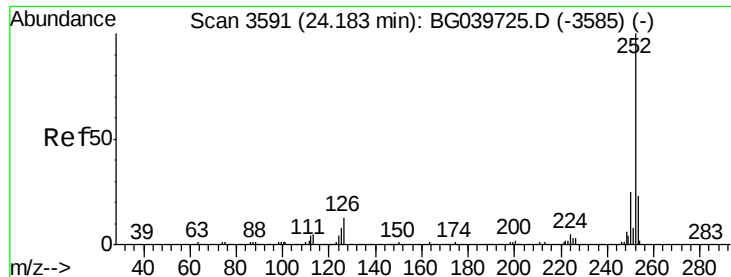


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

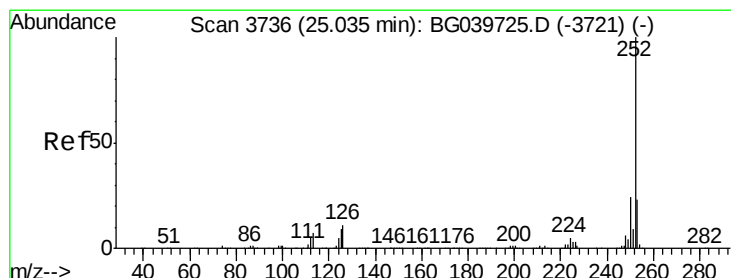
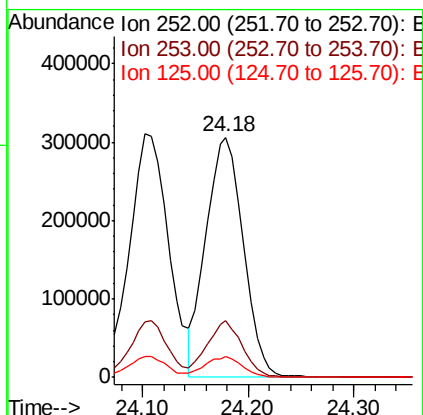
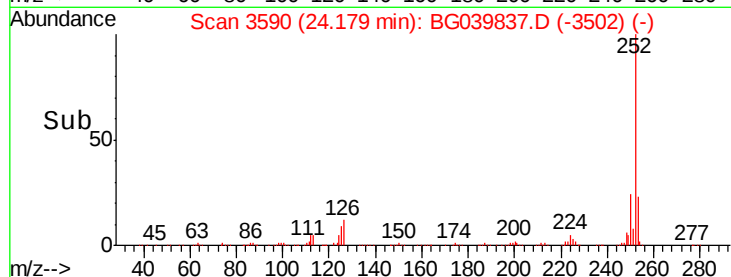
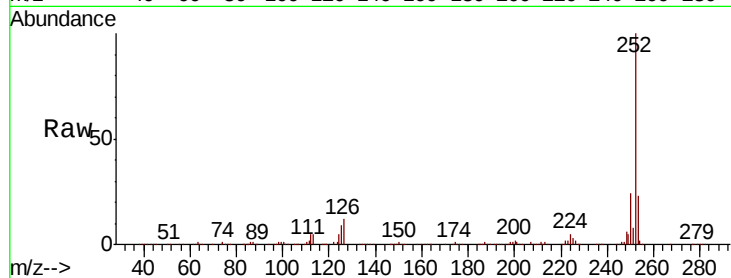




#89
Benzo(k)fluoranthene
Concen: 46.193 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

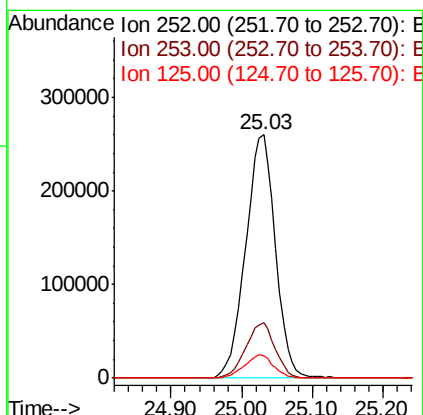
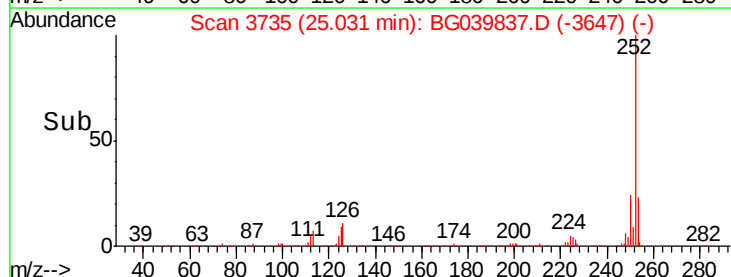
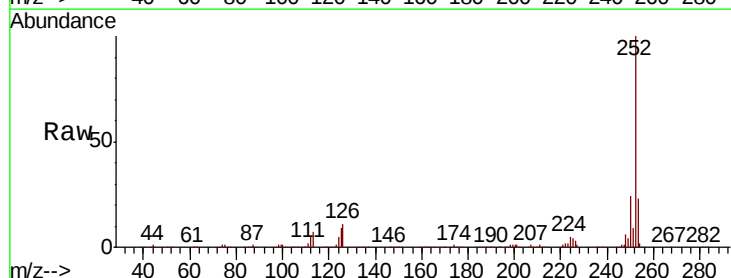
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	8.8	7.4	11.2



#90
Benzo(a)pyrene
Concen: 47.201 ng
RT: 25.03 min Scan# 3735
Delta R.T. -0.01 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.3	8.3	12.5

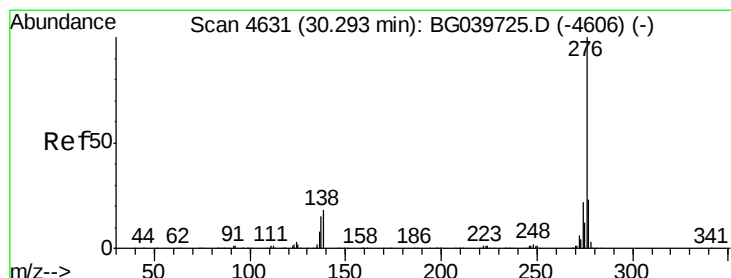
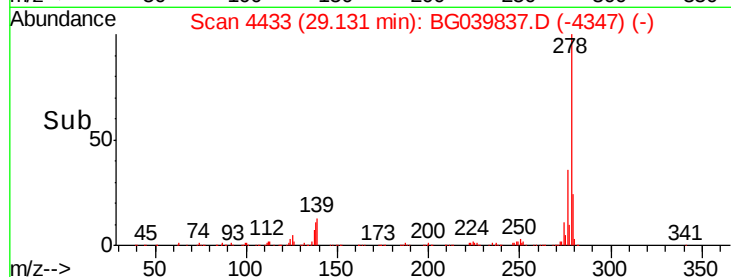
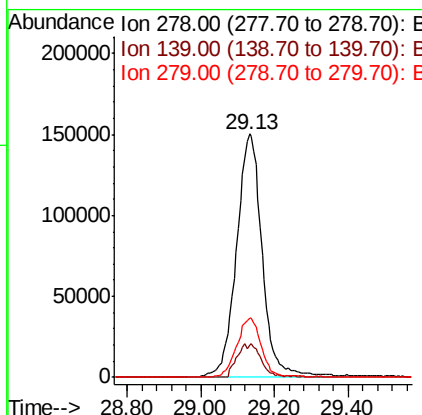
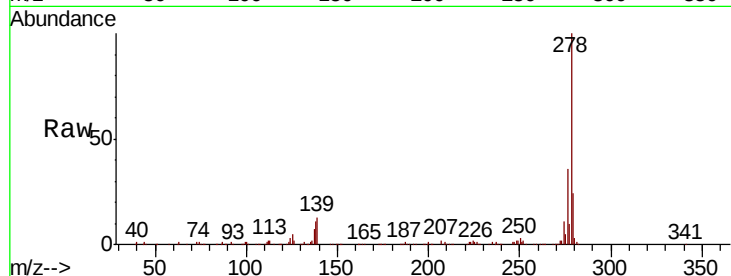




#91
Dibenzo(a,h)anthracene
Concen: 46.060 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 45.967 ng
RT: 30.29 min Scan# 4630
Delta R.T. -0.02 min
Lab File: BG039837.D
Acq: 11 Mar 2019 11:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	16.3	14.7	22.1

