

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
 Data File : BG039690.D
 Acq On : 1 Mar 2019 12:43
 Operator : JU/SJ
 Sample : PB117428BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 01 13:45:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	85229	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	386812	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	262255	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	576519	20.00	ng	0.00
76) Chrysene-d12	21.82	240	615488	20.00	ng	0.00
87) Perylene-d12	25.20	264	662980	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	682877	137.13	ng	0.00
7) Phenol-d6	7.32	99	950271	129.64	ng	0.00
23) Nitrobenzene-d5	9.34	82	453648	73.27	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	345643	122.39	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1075783	58.85	ng	0.00
79) Terphenyl-d14	20.13	244	1711992	58.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	50511	23.189	ng	93
3) Pyridine	4.00	79	126960	22.014	ng	99
4) n-Nitrosodimethylamine	3.92	42	65207	22.608	ng	96
6) Aniline	7.49	93	139451	15.188	ng	98
8) 2-Chlorophenol	7.73	128	142834	26.240	ng	97
9) Benzaldehyde	7.30	77	104941	25.781	ng	97
10) Phenol	7.34	94	191279	25.033	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	132962	22.021	ng	98
12) 1,3-Dichlorobenzene	8.05	146	145339	22.041	ng	97
13) 1,4-Dichlorobenzene	8.20	146	148862	22.649	ng	98
14) 1,2-Dichlorobenzene	8.52	146	140212	22.036	ng	99
15) Benzyl Alcohol	8.40	79	134452	23.364	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	268828	19.716	ng	99
17) 2-Methylphenol	8.60	107	126268	25.536	ng	96
18) Hexachloroethane	9.25	117	51387	22.725	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	109420	21.032	ng	96
20) 3+4-Methylphenols	8.92	107	170623	25.058	ng	96
22) Acetophenone	8.99	105	209981	20.209	ng	# 94
24) Nitrobenzene	9.39	77	166094	24.830	ng	95
25) Isophorone	9.90	82	310374	22.620	ng	97
26) 2-Nitrophenol	10.09	139	80493	34.413	ng	96
27) 2,4-Dimethylphenol	10.13	122	147537	26.581	ng	99
28) bis(2-Chloroethoxy)methane	10.38	93	193556	22.902	ng	99
29) 2,4-Dichlorophenol	10.63	162	152429	25.127	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	152400	22.377	ng	97
31) Naphthalene	11.04	128	439158	22.885	ng	99
32) Benzoic acid	10.23	122	22613	14.073	ng	96
33) 4-Chloroaniline	11.14	127	92920	10.443	ng	98
34) Hexachlorobutadiene	11.30	225	98110	21.661	ng	94
35) Caprolactam	11.93	113	47123	18.772	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	157263	22.416	ng	96
37) 2-Methylnaphthalene	12.63	142	331886	23.351	ng	98
38) 1-Methylnaphthalene	12.85	142	316028	23.067	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	181495	21.751	ng	98

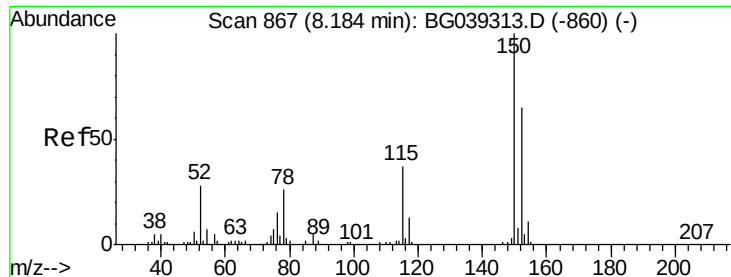
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
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 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	239895	52.760	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	121148	23.614	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	127197	23.655	ng	99
46) 1,1'-Biphenyl	13.62	154	445668	20.424	ng	98
47) 2-Chloronaphthalene	13.68	162	344182	20.968	ng	98
48) 2-Nitroaniline	13.88	65	113439	28.195	ng	91
49) Acenaphthylene	14.52	152	547787	22.116	ng	99
50) Dimethylphthalate	14.23	163	435345	20.554	ng	99
51) 2,6-Dinitrotoluene	14.37	165	97050	27.725	ng	97
52) Acenaphthene	14.85	154	326048	20.279	ng	97
53) 3-Nitroaniline	14.70	138	65346	19.245	ng	# 87
54) 2,4-Dinitrophenol	14.90	184	15431	15.541	ng	93
55) Dibenzofuran	15.19	168	535575	20.776	ng	98
56) 4-Nitrophenol	14.99	139	128965	37.030	ng	91
57) 2,4-Dinitrotoluene	15.15	165	129086	29.132	ng	# 85
58) Fluorene	15.83	166	412754	21.479	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117044	23.248	ng	97
60) Diethylphthalate	15.59	149	425700	19.439	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	220870	20.299	ng	98
62) 4-Nitroaniline	15.86	138	97016	24.133	ng	93
63) Azobenzene	16.11	77	396529	18.525	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	25617	17.086	ng	91
66) n-Nitrosodiphenylamine	16.04	169	370935	21.160	ng	99
67) 4-Bromophenyl-phenylether	16.71	248	137559	21.508	ng	95
68) Hexachlorobenzene	16.83	284	141428	22.040	ng	96
69) Atrazine	16.97	200	136980	21.383	ng	99
70) Pentachlorophenol	17.17	266	113055	25.349	ng	97
71) Phenanthrene	17.58	178	654089	21.921	ng	100
72) Anthracene	17.67	178	671690	22.853	ng	99
73) Carbazole	17.94	167	580994	19.807	ng	99
74) Di-n-butylphthalate	18.46	149	696693	20.359	ng	99
75) Fluoranthene	19.57	202	795940	22.982	ng	98
77) Benzidine	19.76	184	275416	13.649	ng	97
78) Pyrene	19.94	202	804638	21.000	ng	98
80) Butylbenzylphthalate	20.80	149	338221	20.926	ng	95
81) Benzo(a)anthracene	21.80	228	783773	21.551	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	176849	13.114	ng	98
83) Chrysene	21.87	228	752341	21.731	ng	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	477922	20.726	ng	99
85) Di-n-octyl phthalate	22.92	149	813359	21.351	ng	96
86) Indeno(1,2,3-cd)pyrene	29.08	276	854321	23.000	ng	# 97
88) Benzo(b)fluoranthene	24.12	252	789108	21.825	ng	99
89) Benzo(k)fluoranthene	24.19	252	759720	20.929	ng	99
90) Benzo(a)pyrene	25.04	252	770176	22.118	ng	99
91) Dibenzo(a,h)anthracene	29.15	278	705058	21.621	ng	99
92) Benzo(g,h,i)perylene	30.30	276	687950	21.166	ng	98

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

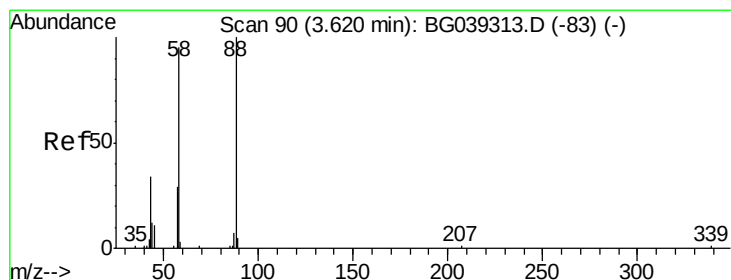
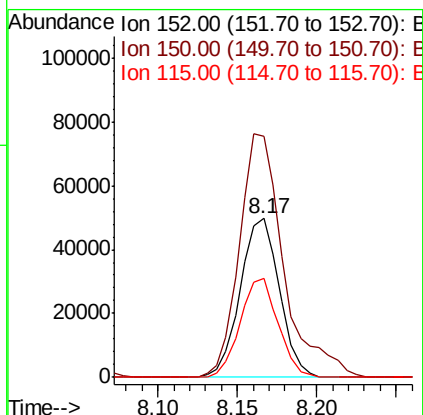
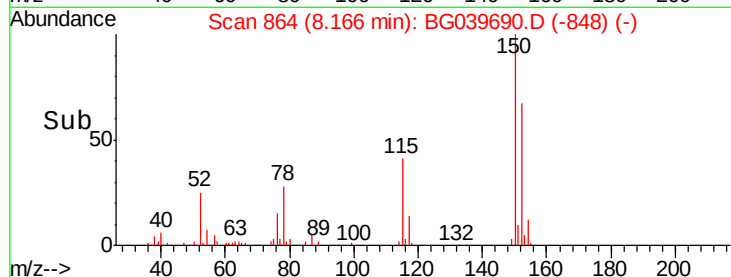
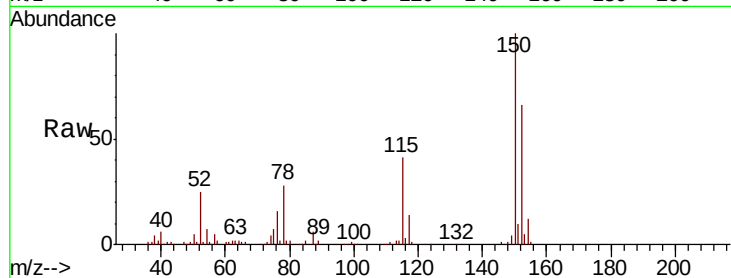


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampled :

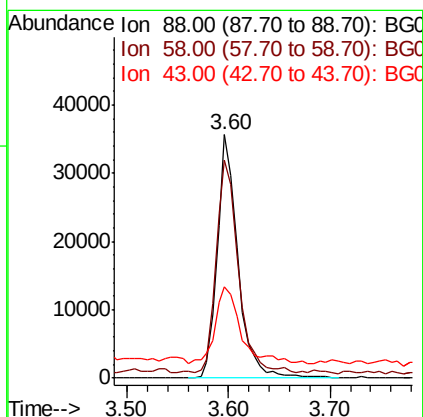
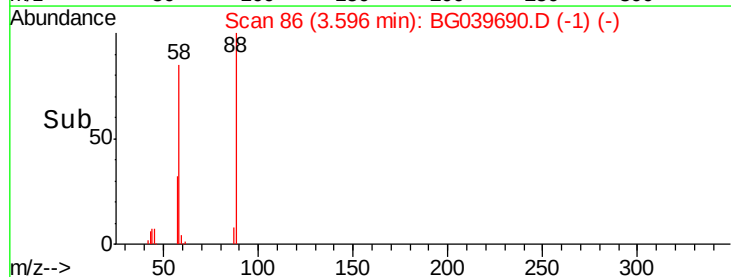
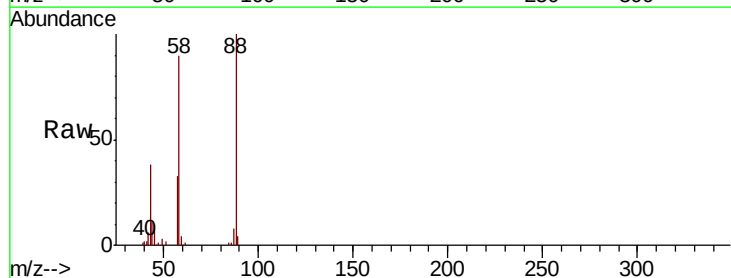
Tot Ion:152 Resp: 85229
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 62.1 45.9 68.9

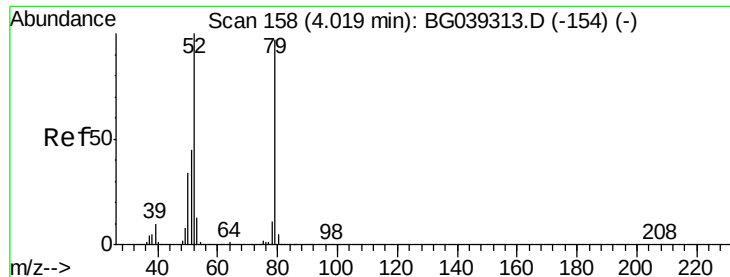


#2

1,4-Dioxane
Concen: 23.189 ng
RT: 3.60 min Scan# 86
Delta R.T. -0.01 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion: 88 Resp: 50511
Ion Ratio Lower Upper
88 100
58 92.4 81.1 121.7
43 38.9 31.4 47.0





#3

Pvridine

Concen: 22.014 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampled :

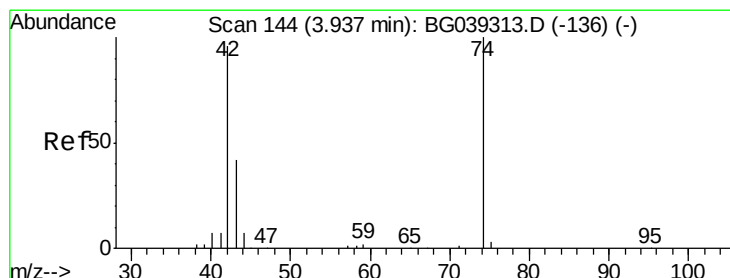
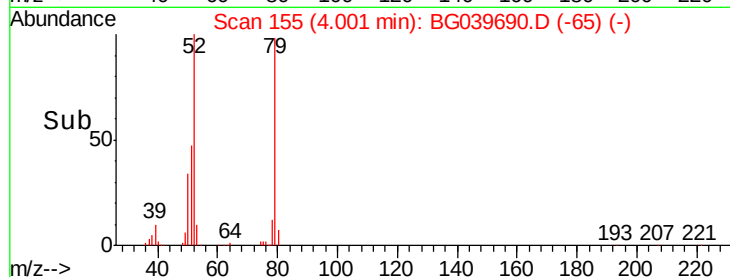
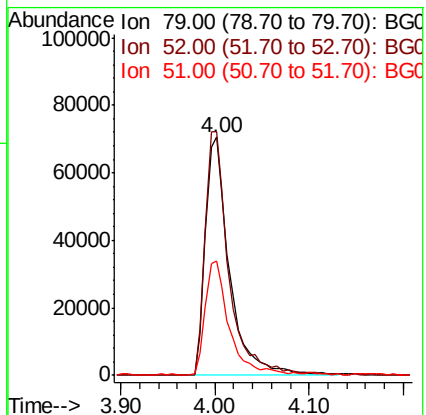
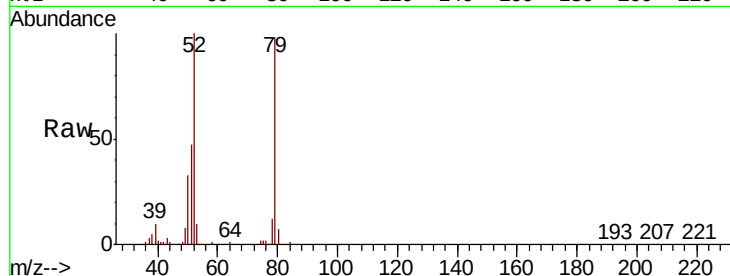
Tot Ion: 79 Resp: 126960

Ion Ratio Lower Upper

79 100

52 102.4 82.6 124.0

51 48.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 22.608 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

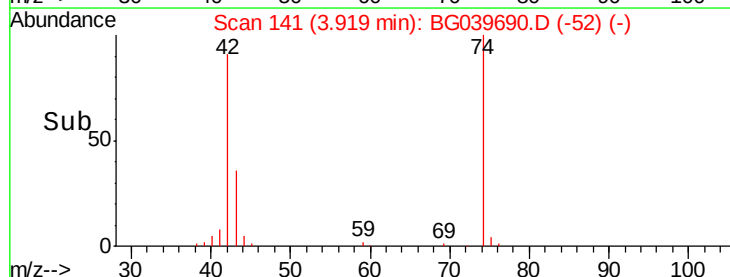
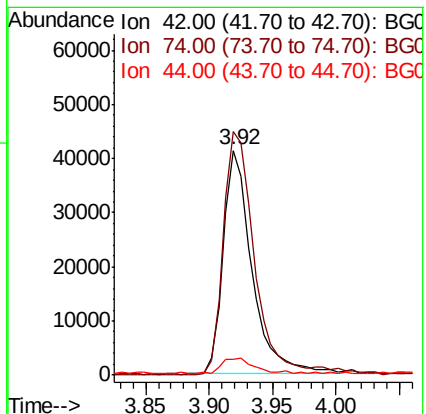
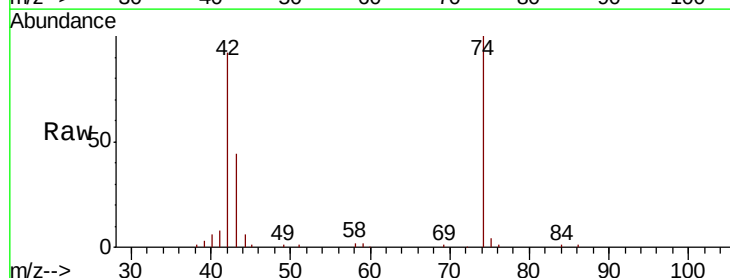
Tgt Ion: 42 Resp: 65207

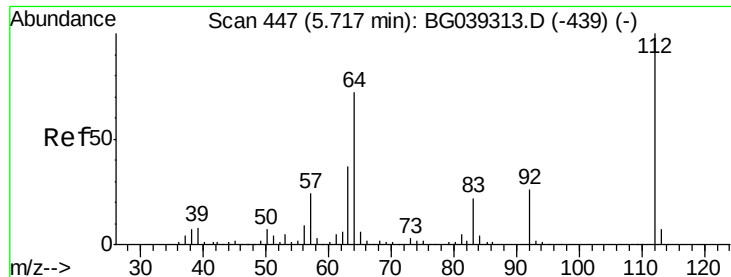
Ion Ratio Lower Upper

42 100

74 108.4 83.6 125.4

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 137.131 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampled :

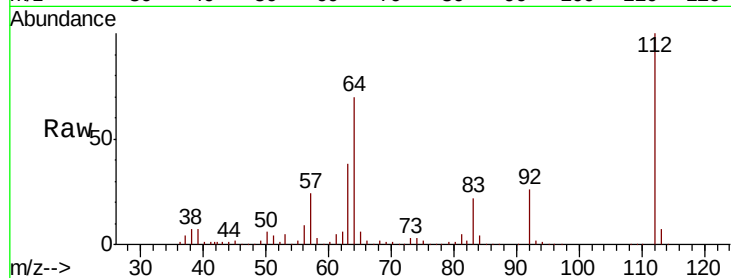
Tot Ion:112 Resp: 682877

Ion Ratio Lower Upper

112 100

64 70.0 57.8 86.8

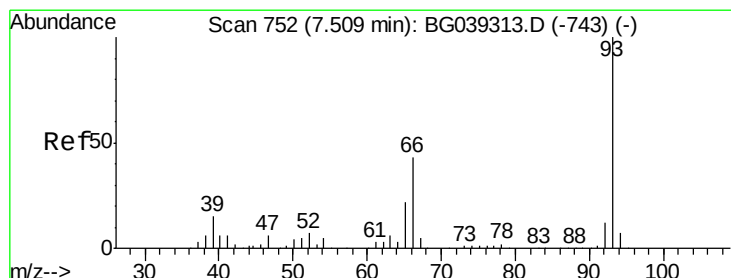
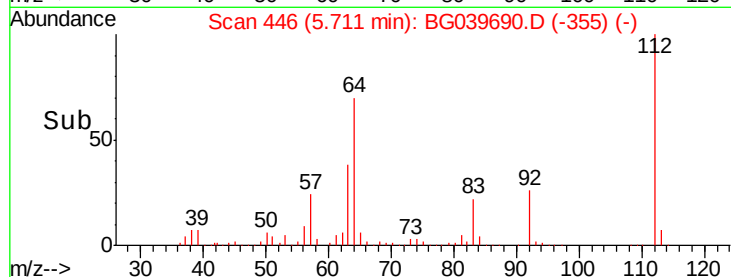
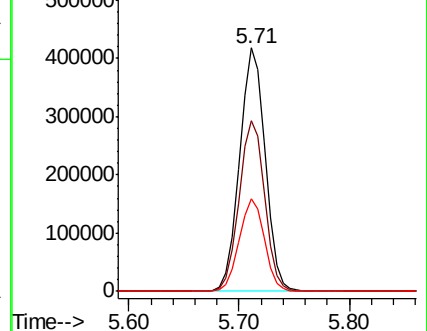
63 38.0 29.8 44.6



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: 15.188 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

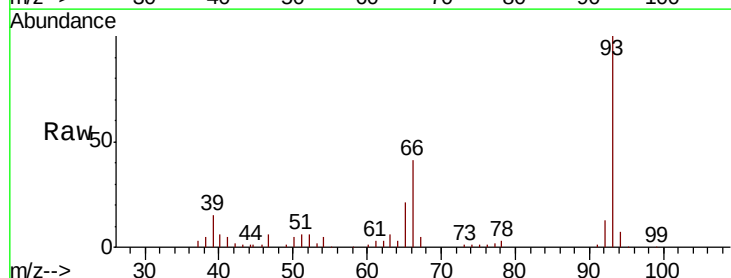
Tgt Ion: 93 Resp: 139451

Ion Ratio Lower Upper

93 100

66 41.4 34.2 51.4

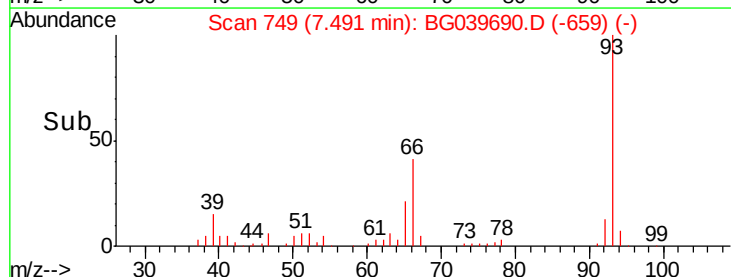
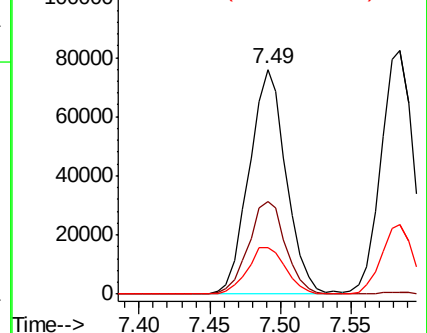
65 20.8 17.7 26.5

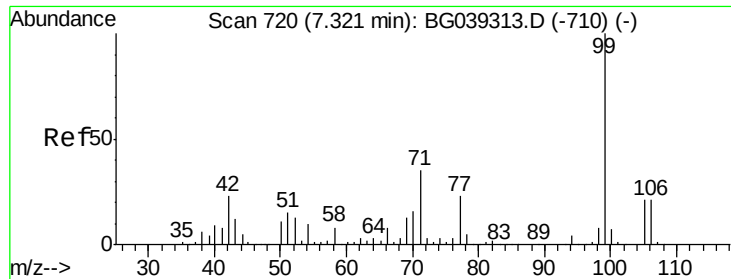


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.640 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

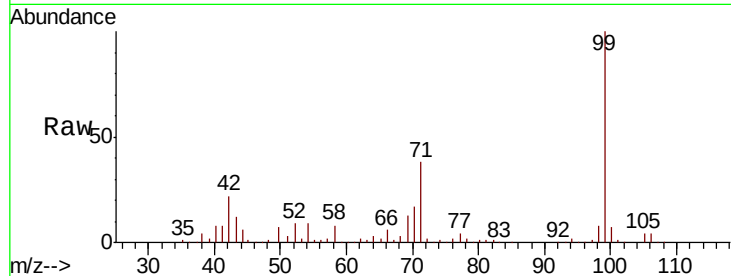
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 950271

Ion	Ratio	Lower	Upper
99	100		
42	21.9	18.2	27.2
71	37.6	28.0	42.0

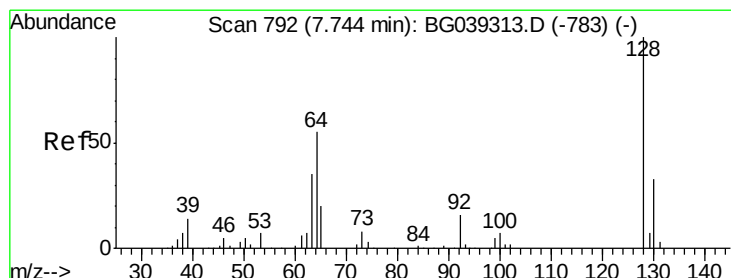
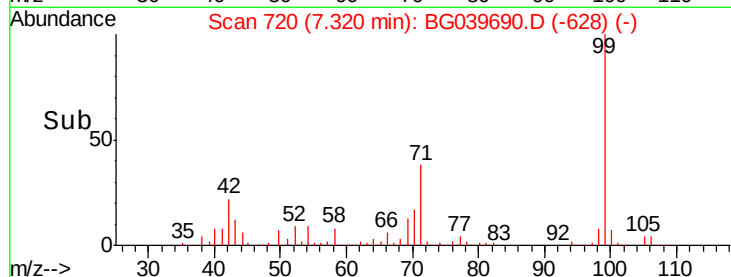
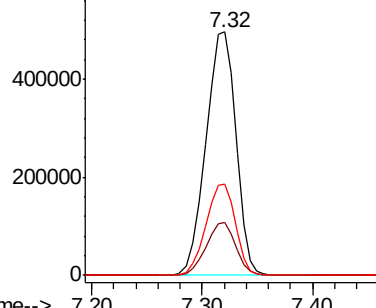


Abundance

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: 26.240 ng

RT: 7.73 min Scan# 789

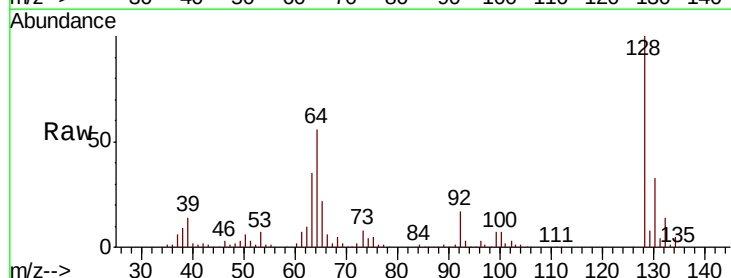
Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion: 128 Resp: 142834

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.9	52.9
64	55.8	38.7	78.7

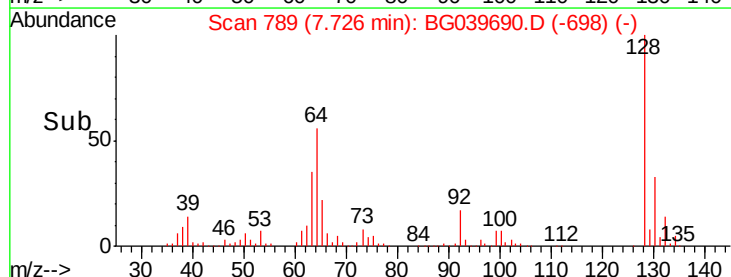
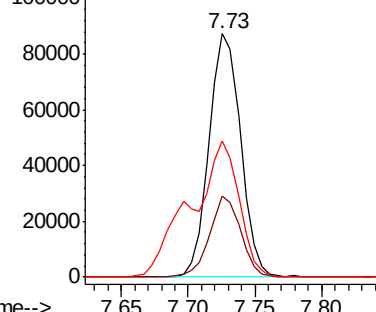


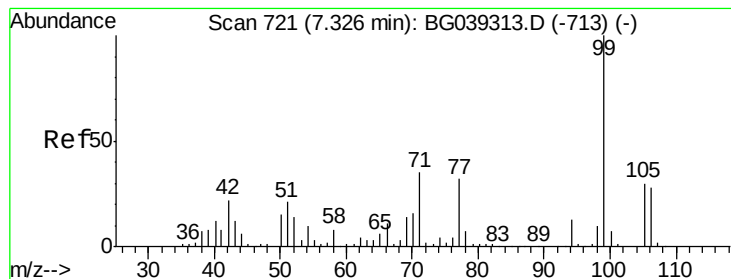
Abundance

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: 25.781 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampled :

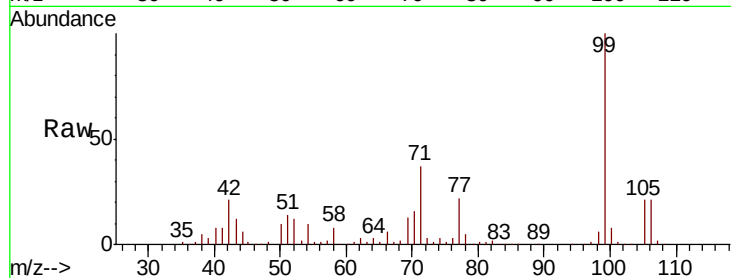
Tot Ion: 77 Resp: 104941

Ion Ratio Lower Upper

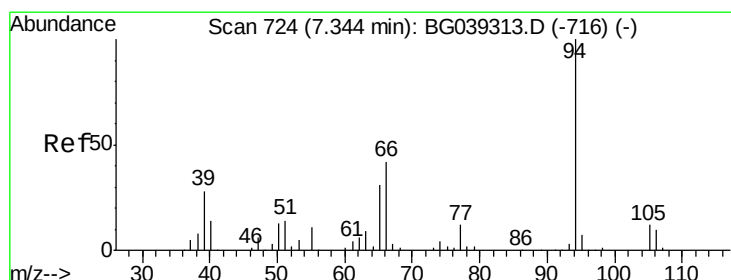
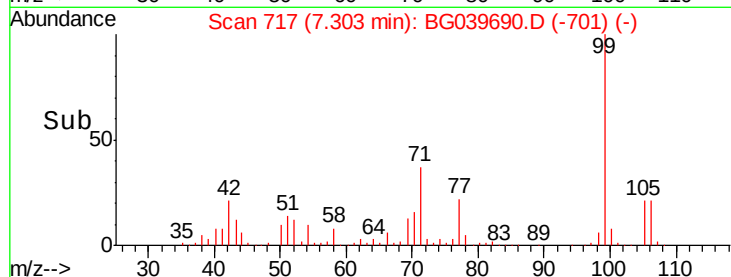
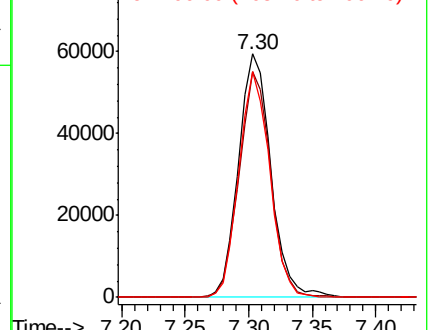
77 100

105 92.5 74.5 114.5

106 92.5 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: 25.033 ng

RT: 7.34 min Scan# 724

Delta R.T. 0.01 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

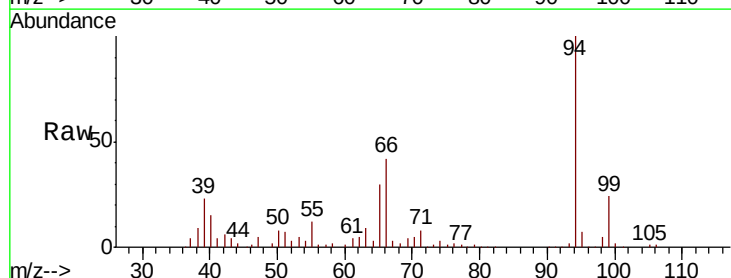
Tgt Ion: 94 Resp: 191279

Ion Ratio Lower Upper

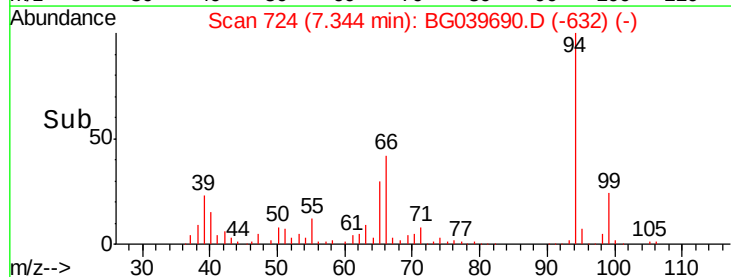
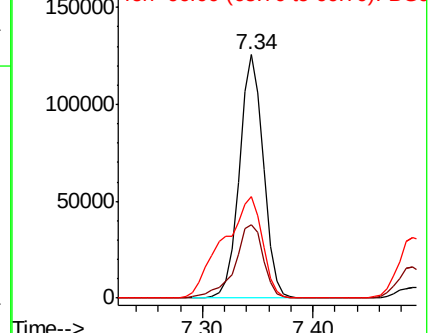
94 100

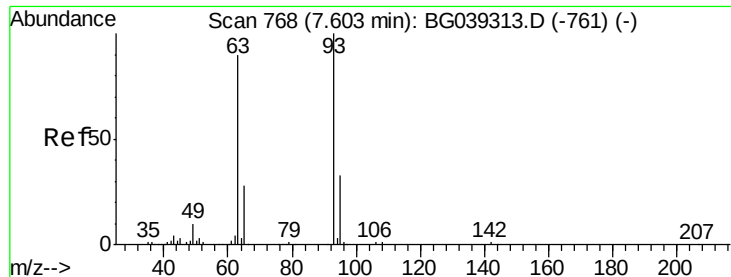
65 30.1 11.7 51.7

66 41.7 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: 22.021 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

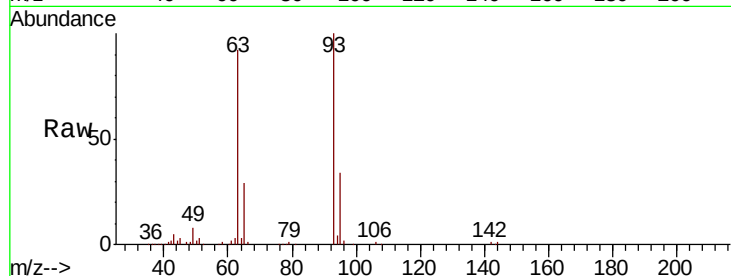
Tot Ion: 93 Resp: 132962

Ion Ratio Lower Upper

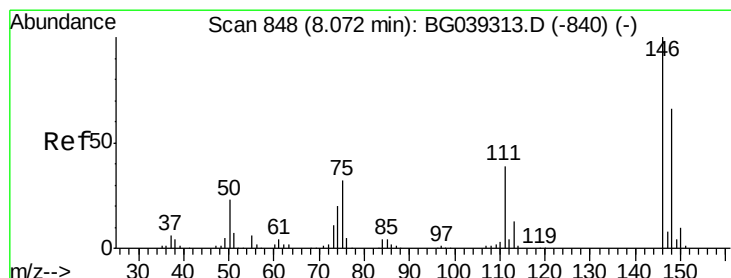
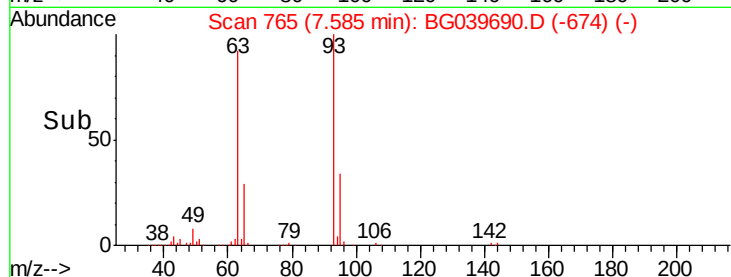
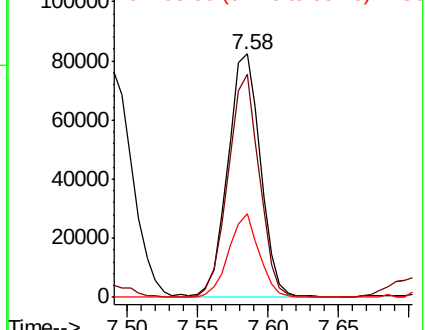
93 100

63 91.6 69.5 109.5

95 34.2 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 22.041 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

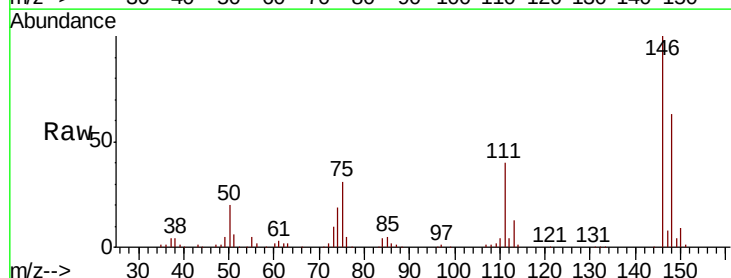
Tgt Ion: 146 Resp: 145339

Ion Ratio Lower Upper

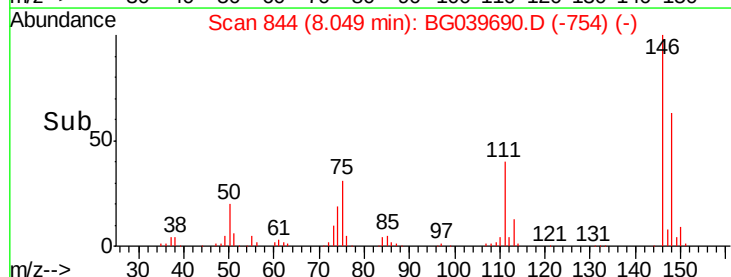
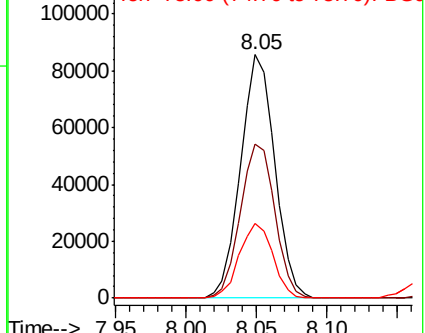
146 100

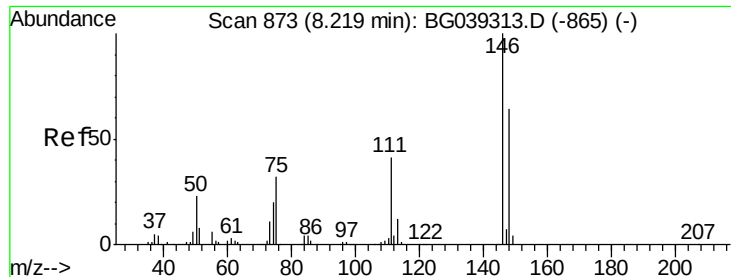
148 63.0 52.6 79.0

75 30.9 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

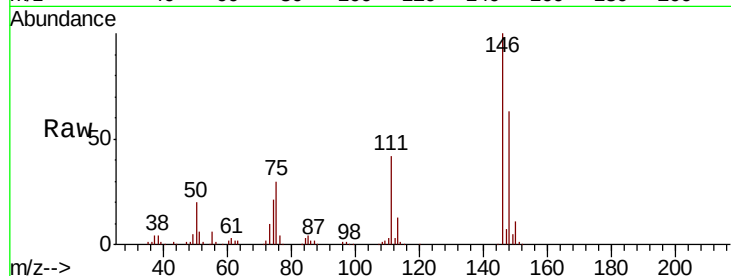




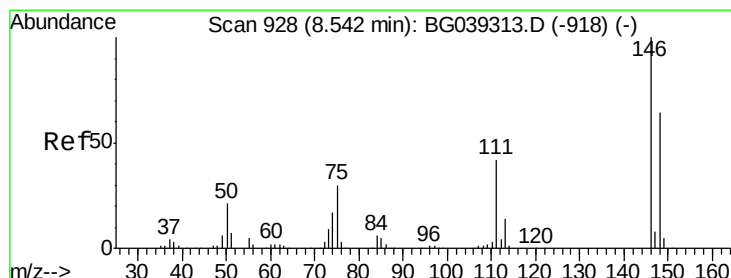
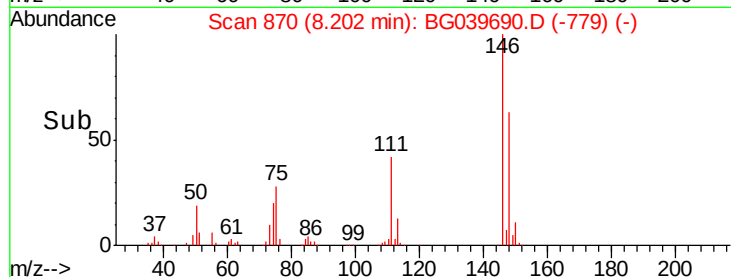
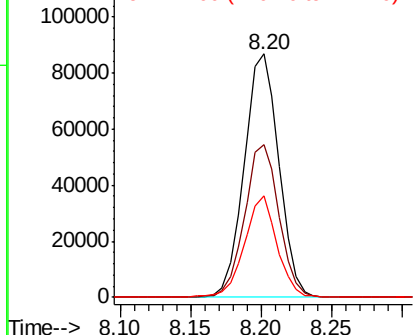
#13
 1,4-Dichlorobenzene
 Concen: 22.649 ng
 RT: 8.20 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 148862
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 42.0 32.6 48.8

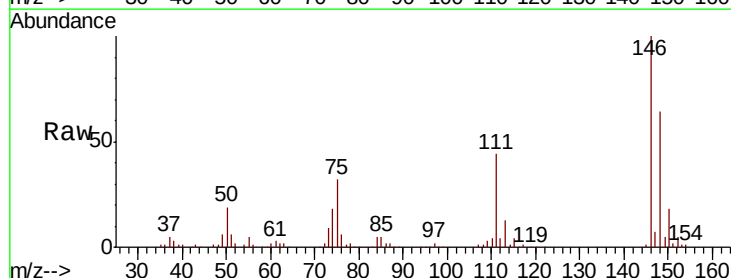


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

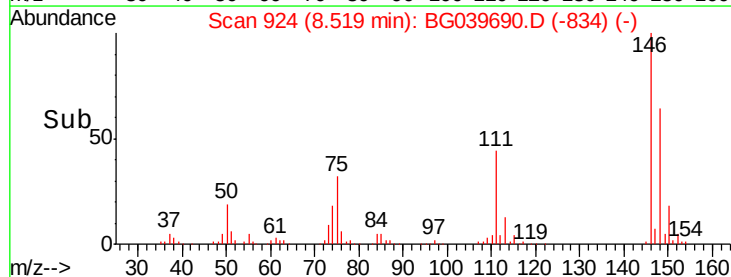
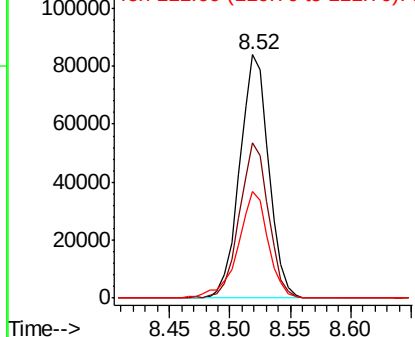


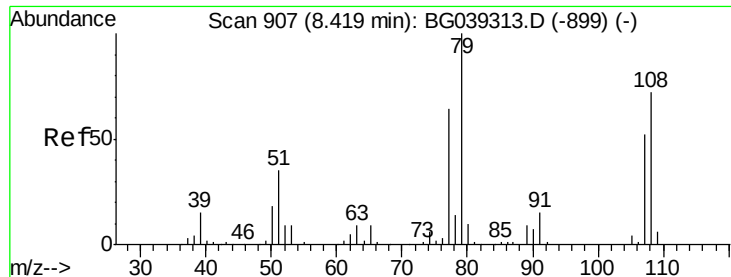
#14
 1,2-Dichlorobenzene
 Concen: 22.036 ng
 RT: 8.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Tgt Ion:146 Resp: 140212
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.5 77.3
 111 43.7 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: 23.364 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampled :

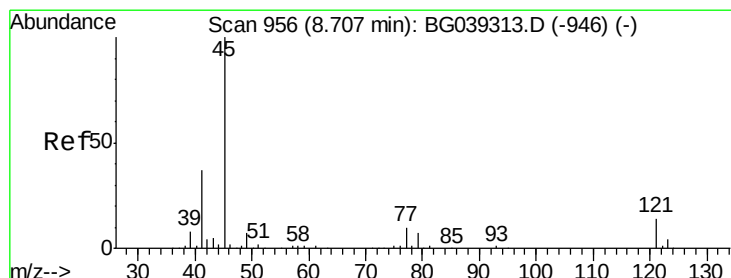
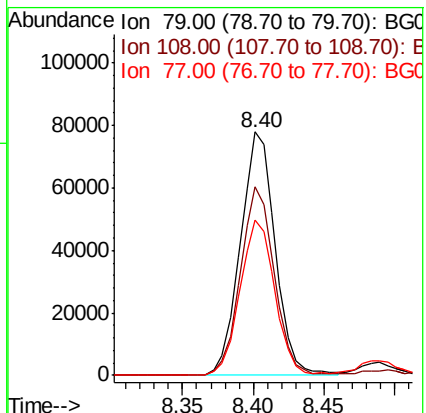
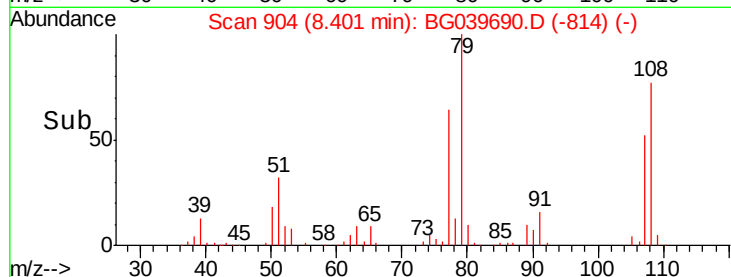
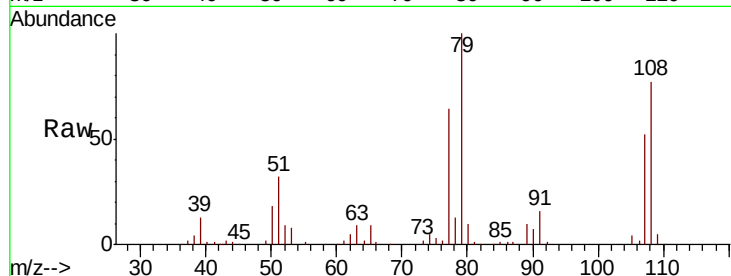
Tot Ion: 79 Resp: 134452

Ion Ratio Lower Upper

79 100

108 77.3 57.8 86.6

77 64.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.716 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

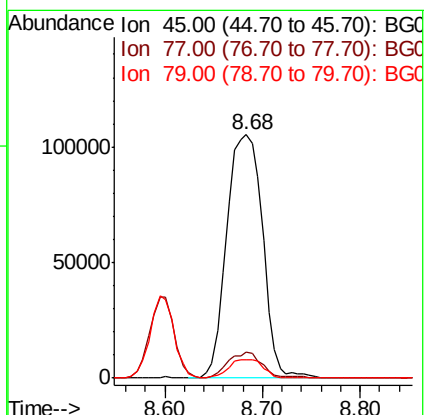
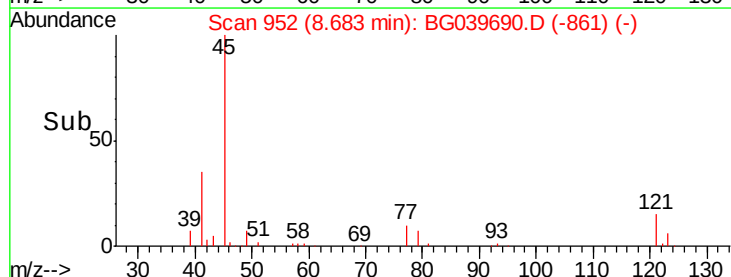
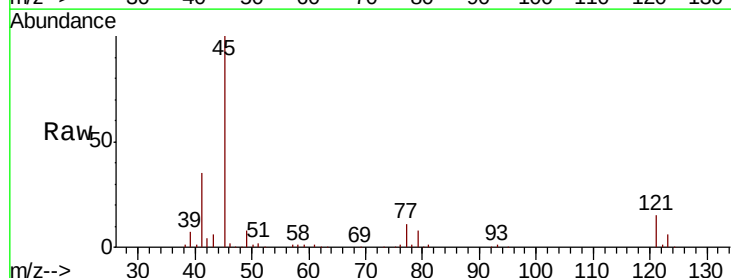
Tgt Ion: 45 Resp: 268828

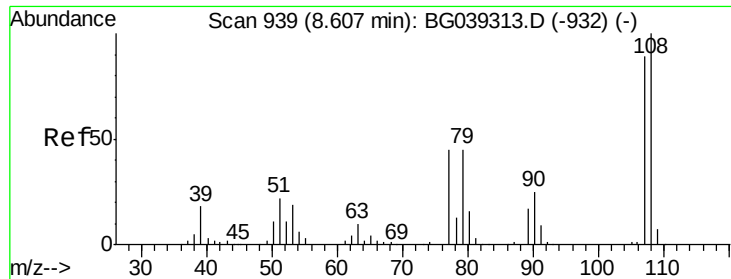
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 7.7 0.0 27.5

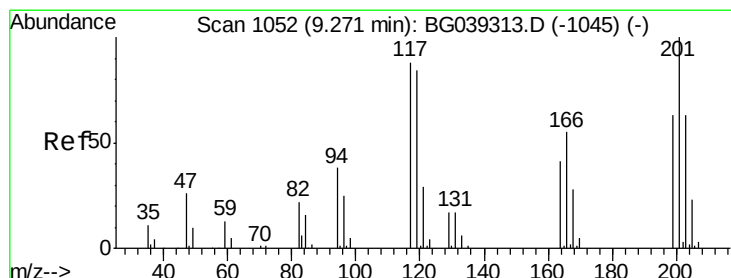
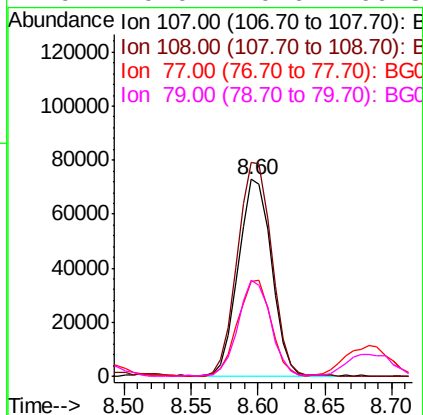
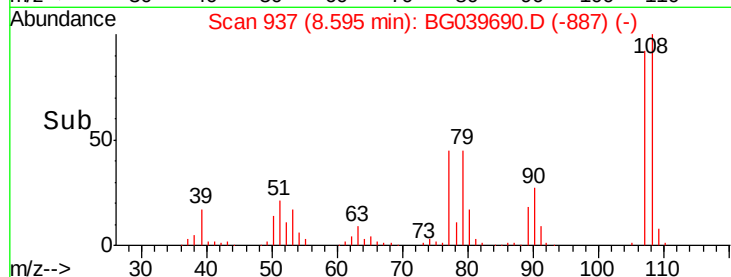
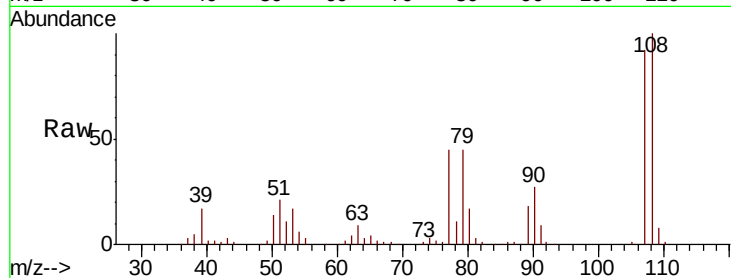




#17
2-Methylphenol
Concen: 25.536 ng
RT: 8.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

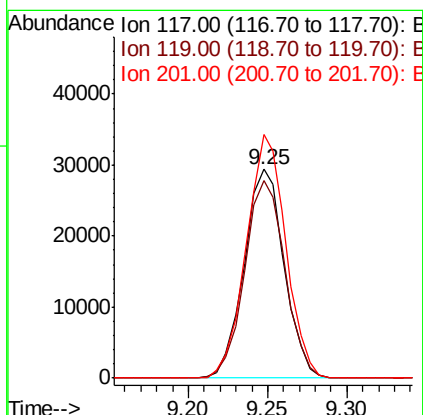
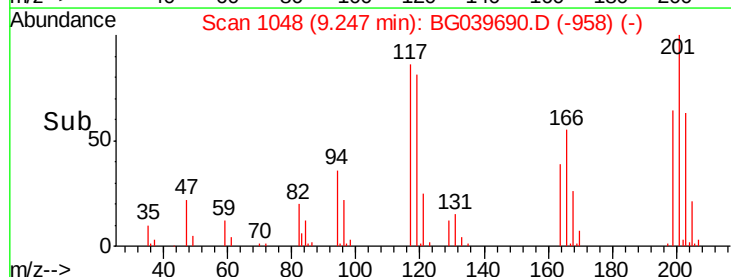
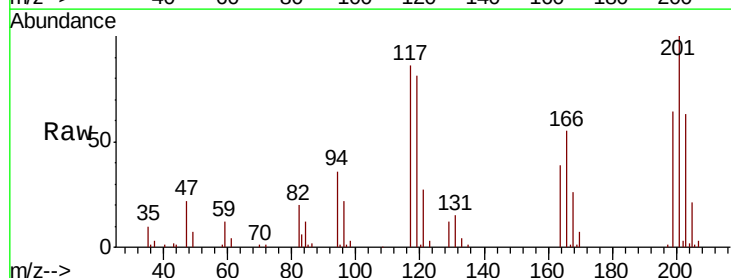
Instrument :
BNA_G
ClientSampleId :

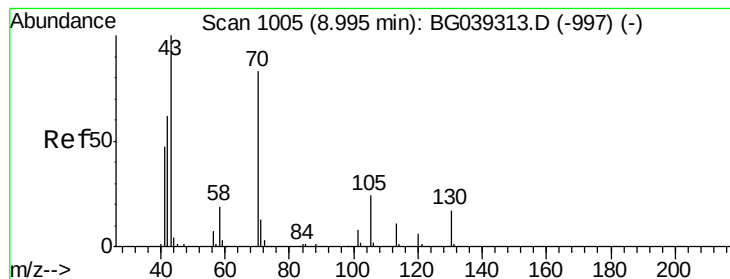
Tot Ion:107 Resp: 126268
Ion Ratio Lower Upper
107 100
108 108.7 90.8 136.2
77 48.4 40.7 61.1
79 49.0 40.6 60.8



#18
Hexachloroethane
Concen: 22.725 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:117 Resp: 51387
Ion Ratio Lower Upper
117 100
119 94.9 76.3 114.5
201 116.7 91.1 136.7





#19

n-Nitroso-di-n-propylamine

Concen: 21.032 ng

RT: 8.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 109420

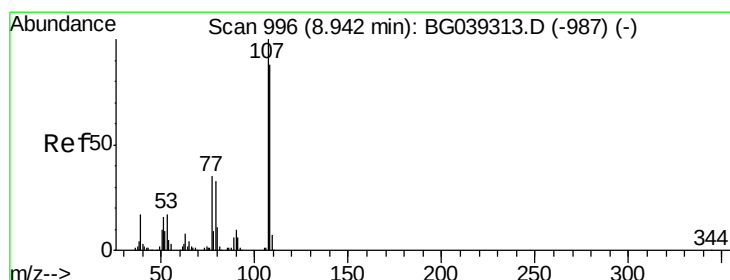
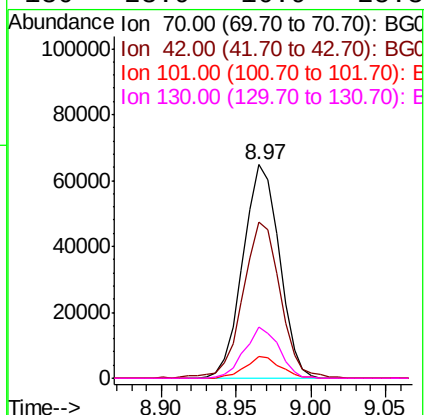
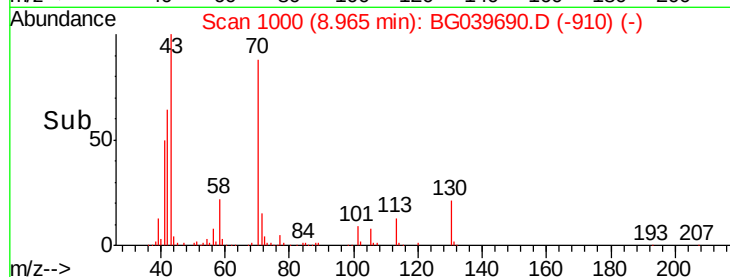
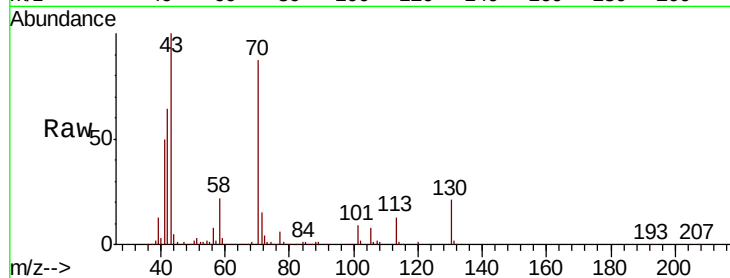
Ion Ratio Lower Upper

70 100

42 73.0 60.4 90.6

101 10.5 7.5 11.3

130 23.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 25.058 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion: 107 Resp: 170623

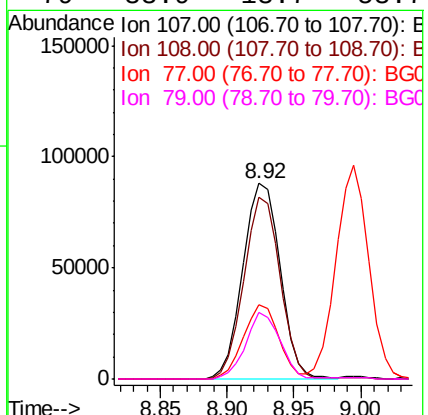
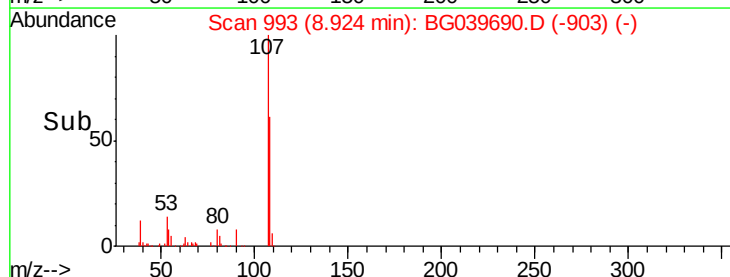
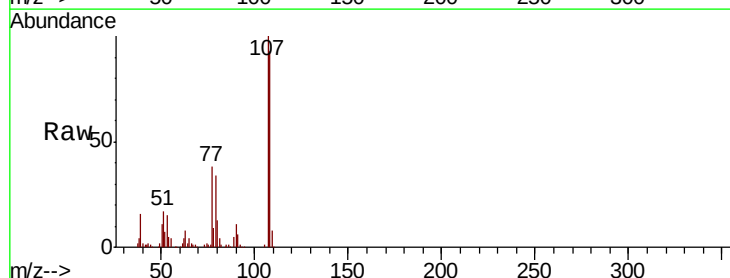
Ion Ratio Lower Upper

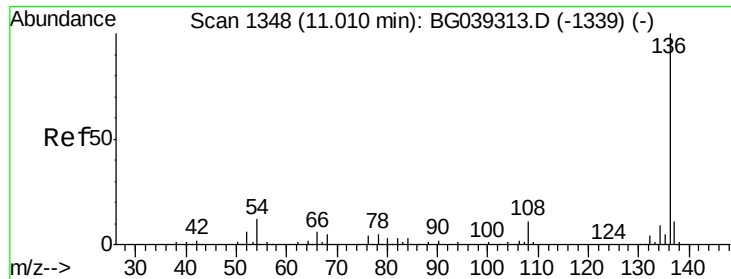
107 100

108 92.8 67.9 107.9

77 37.8 15.4 55.4

79 33.9 13.7 53.7

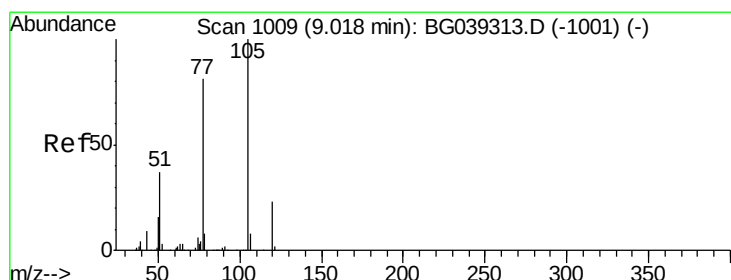
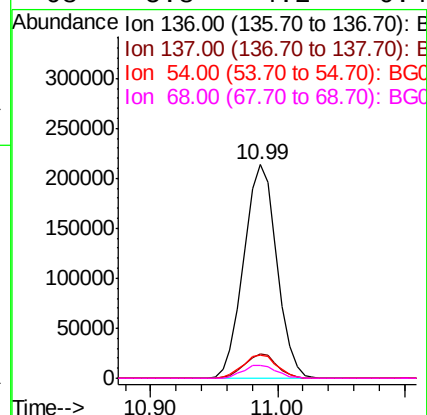
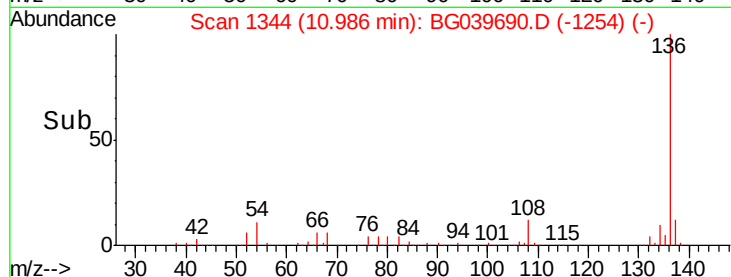
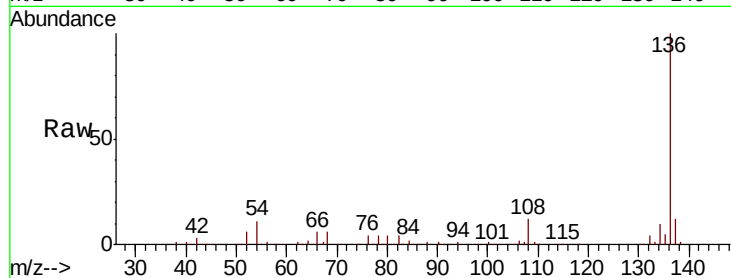




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

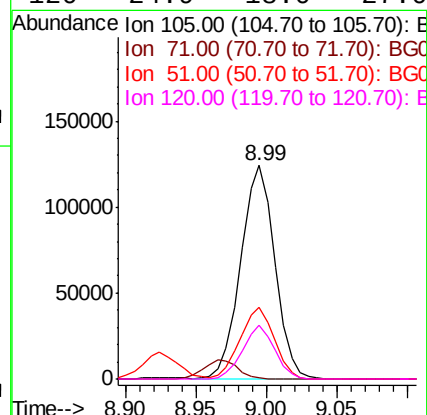
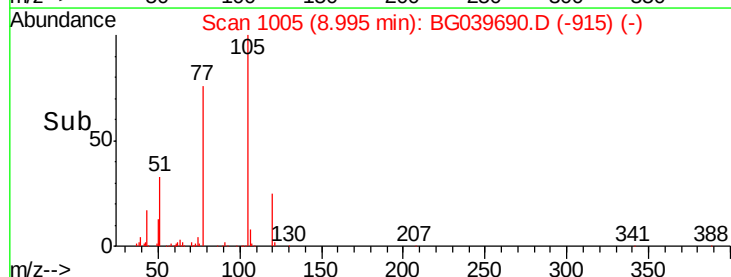
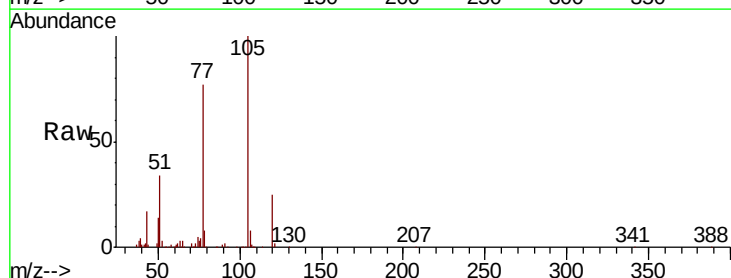
Instrument :
BNA_G
ClientSampleId :

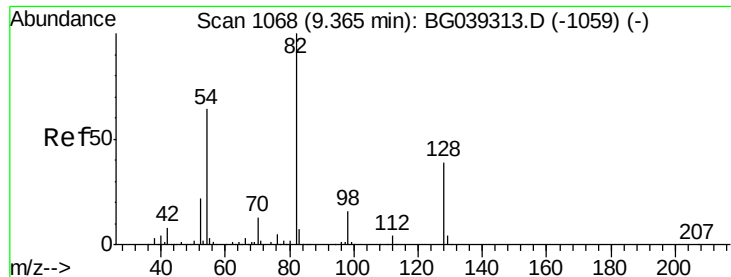
Tot Ion:136	Resp:	386812
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	10.9	9.4 14.2
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 20.209 ng
RT: 8.99 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:105	Resp:	209981
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.8 1.2#
51	33.7	30.2 45.2
120	24.9	18.0 27.0

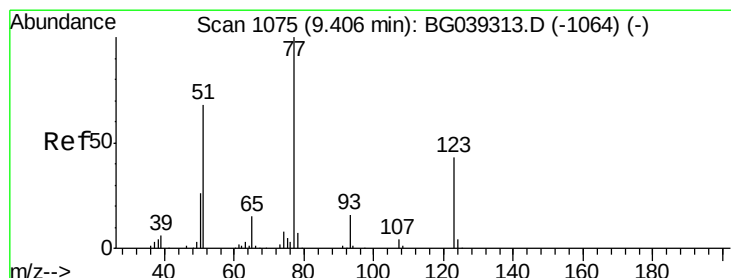
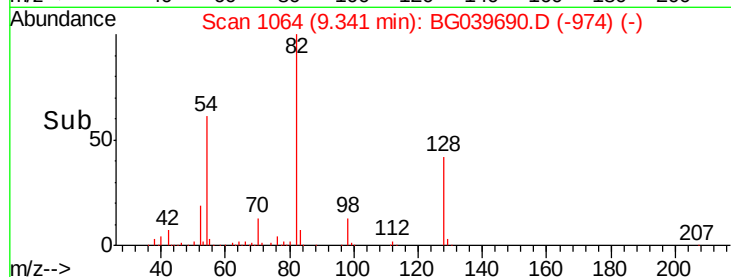
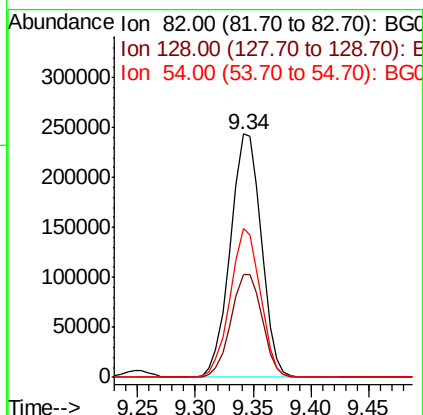
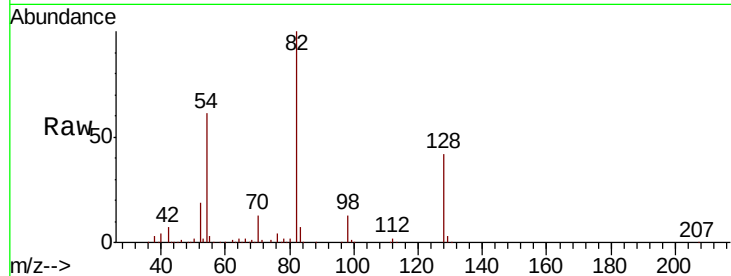




#23
Nitrobenzene-d5
Concen: 73.266 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

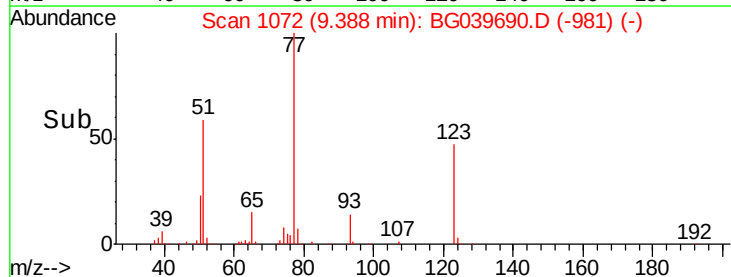
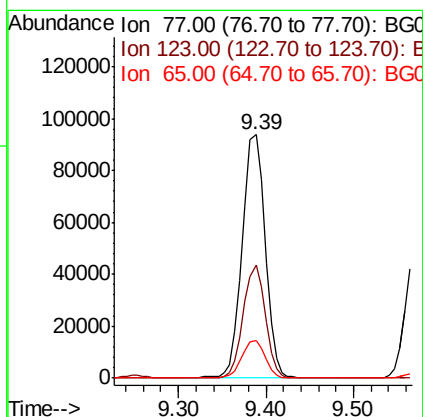
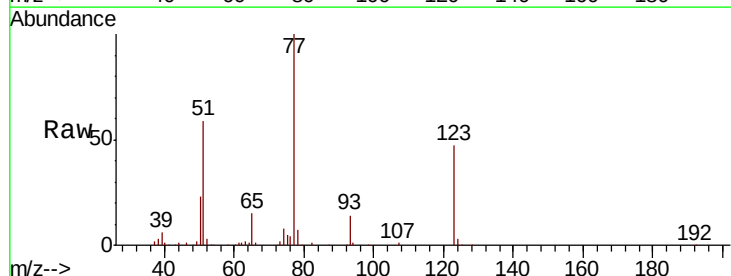
Instrument :
BNA_G
ClientSampleId :

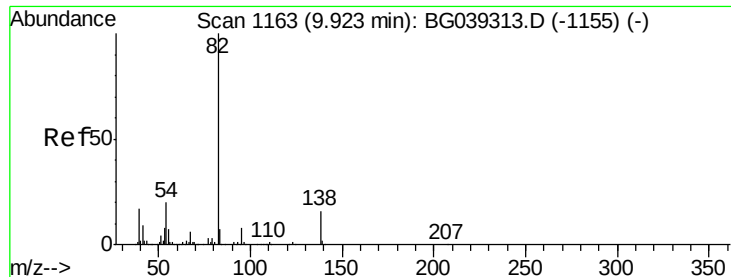
Tot Ion	82	Resp	453648
Ion Ratio	100	Lower	Upper
128	42.2	31.3	46.9
54	61.2	50.9	76.3



#24
Nitrobenzene
Concen: 24.830 ng
RT: 9.39 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion	77	Resp	166094
Ion Ratio	100	Lower	Upper
123	46.6	34.1	51.1
65	15.3	12.3	18.5





#25

Isophorone

Concen: 22.620 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

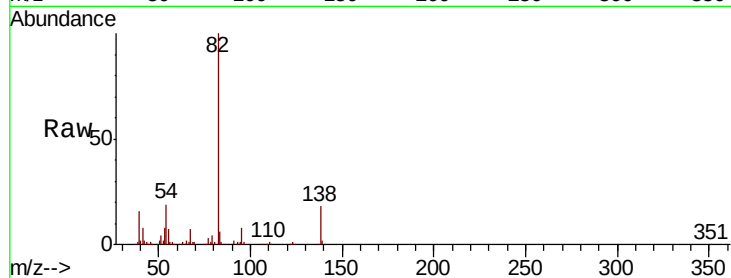
Tot Ion: 82 Resp: 310374

Ion Ratio Lower Upper

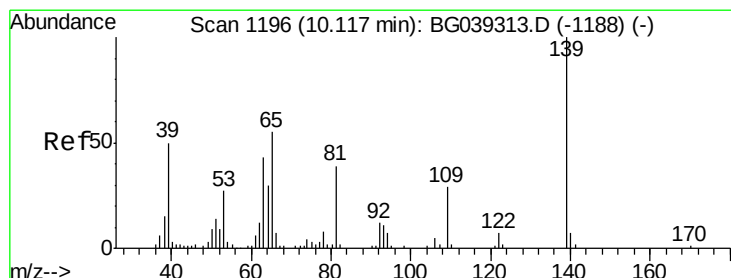
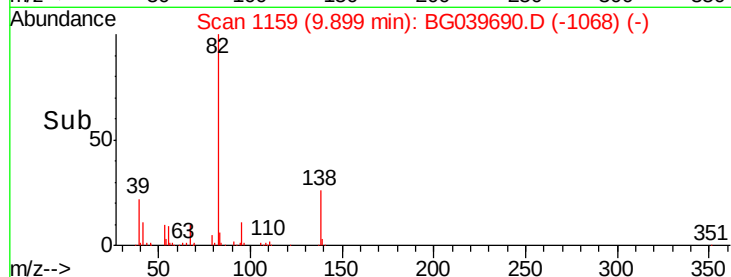
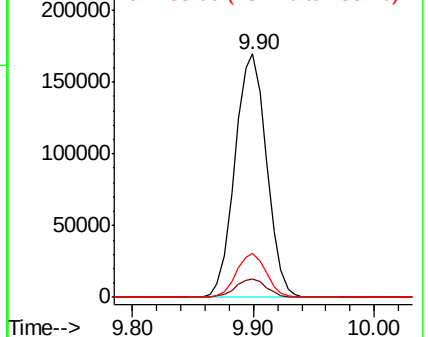
82 100

95 7.8 6.2 9.2

138 18.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 34.413 ng

RT: 10.09 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

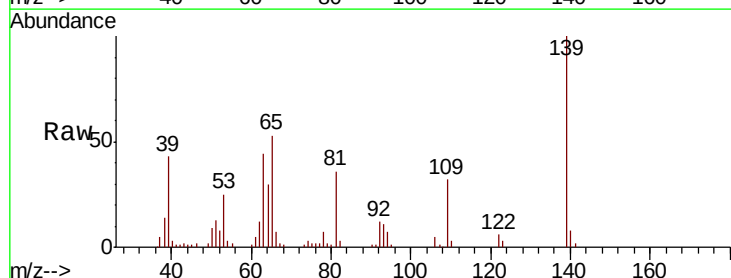
Tgt Ion: 139 Resp: 80493

Ion Ratio Lower Upper

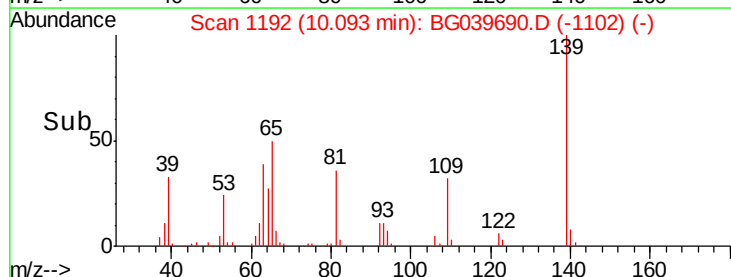
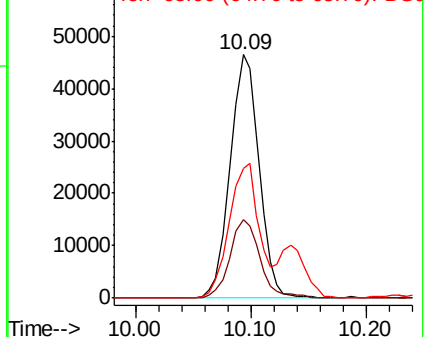
139 100

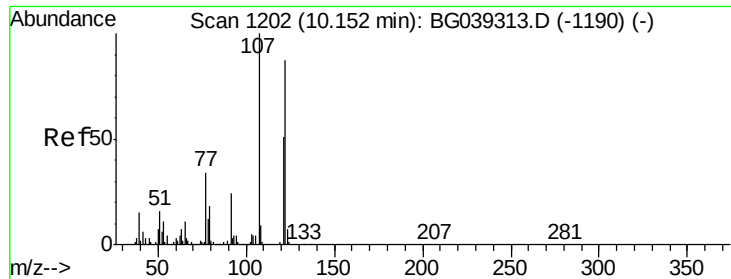
109 32.1 23.4 35.0

65 53.5 44.3 66.5



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

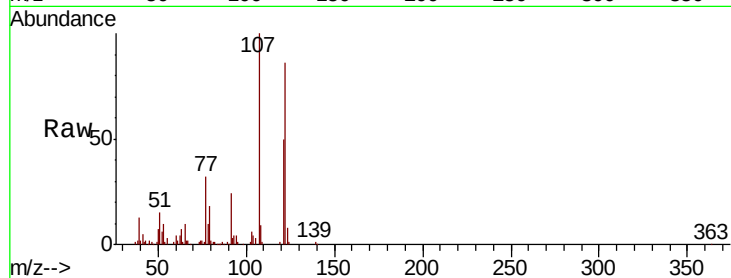




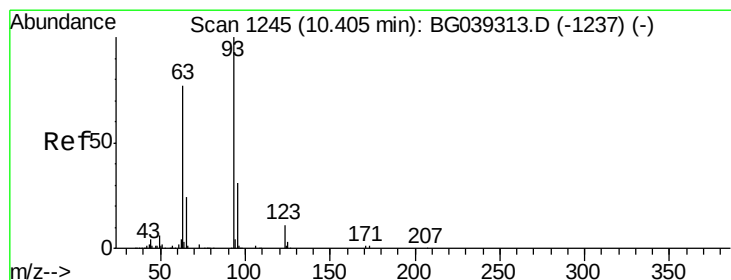
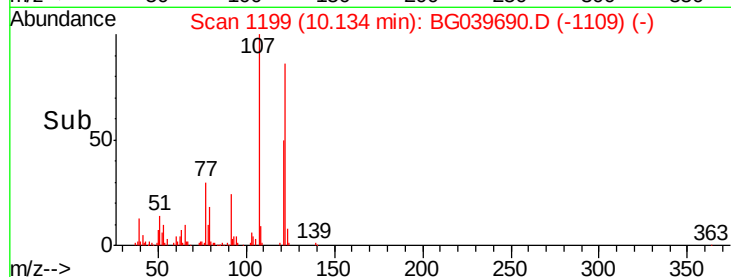
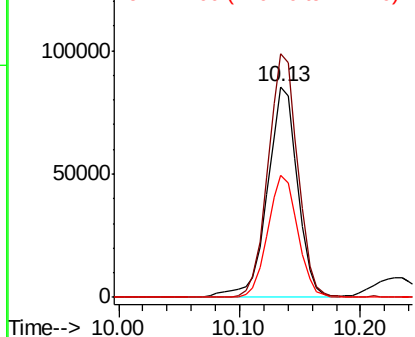
#27
2,4-Dimethylphenol
Concen: 26.581 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.7	137.5
121	58.2	46.4	69.6

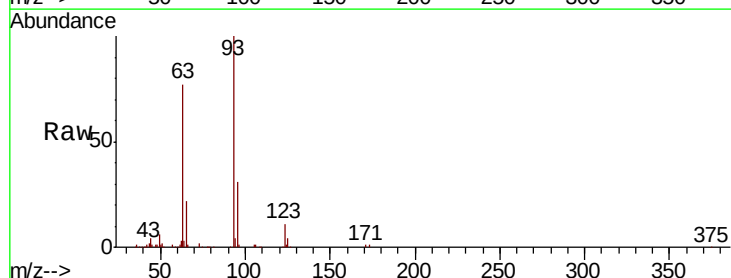


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

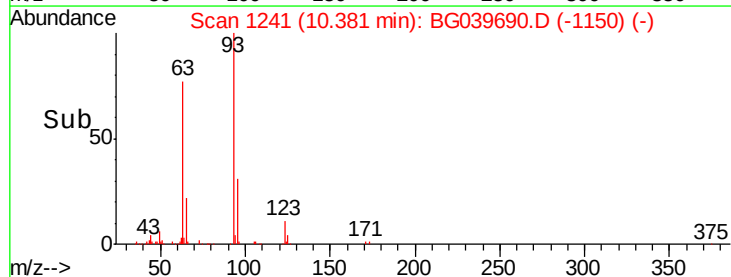
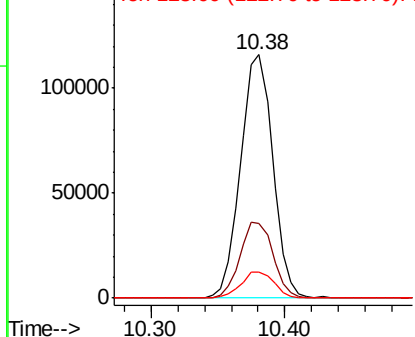


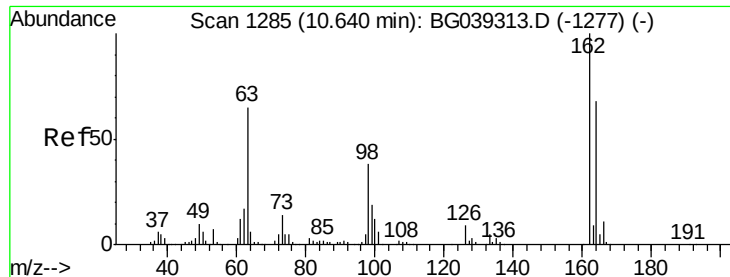
#28
bis(2-Chloroethoxy)methane
Concen: 22.902 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.5	25.0	37.4
123	10.7	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

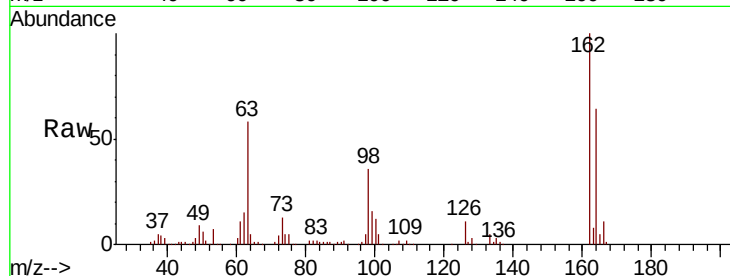




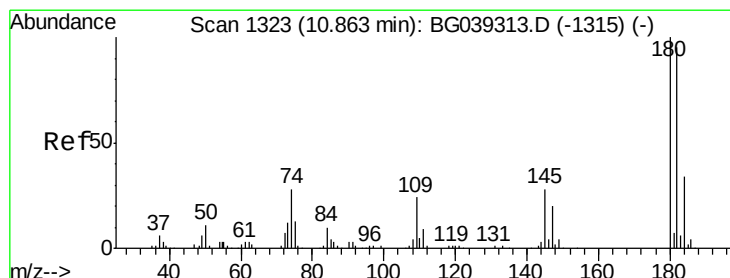
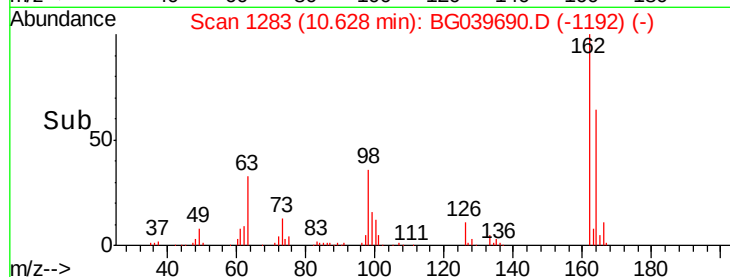
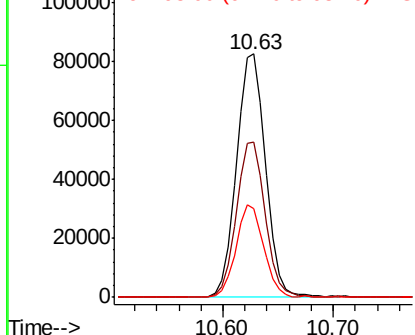
#29
2,4-Dichlorophenol
Concen: 25.127 ng
RT: 10.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 152429
Ion Ratio Lower Upper
162 100
164 64.0 48.1 88.1
98 36.3 18.1 58.1

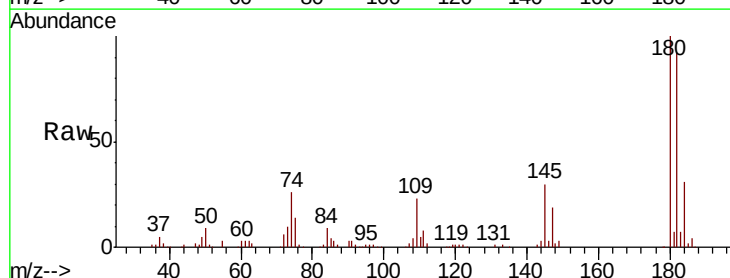


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

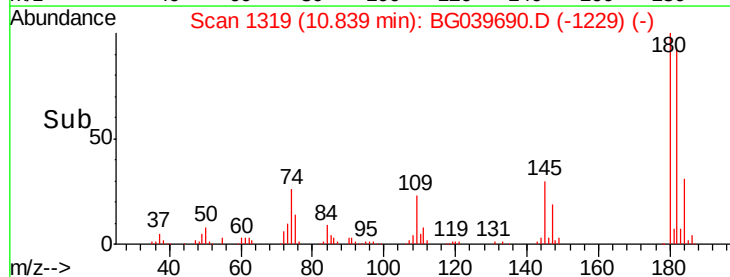
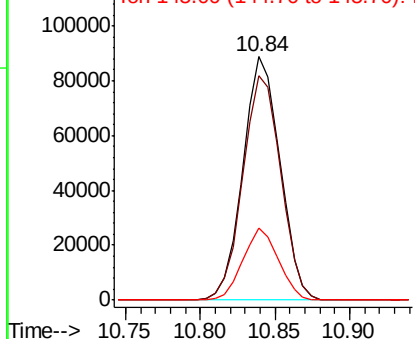


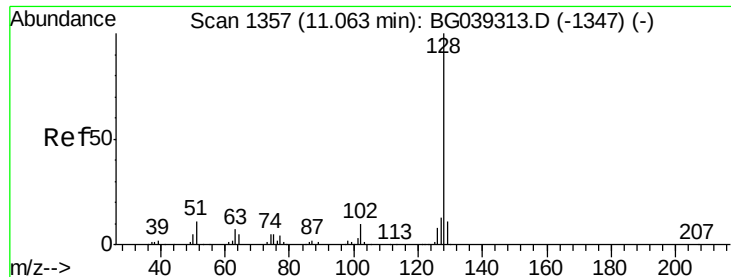
#30
1,2,4-Trichlorobenzene
Concen: 22.377 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:180 Resp: 152400
Ion Ratio Lower Upper
180 100
182 92.0 76.0 114.0
145 29.8 22.7 34.1



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

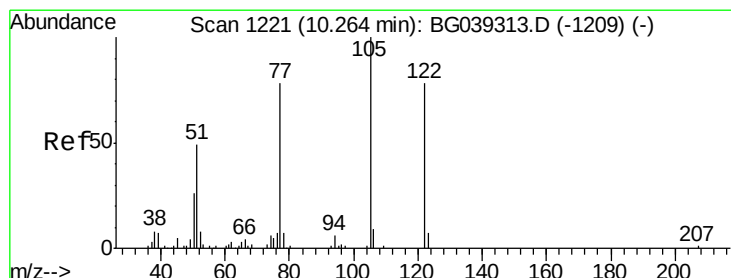
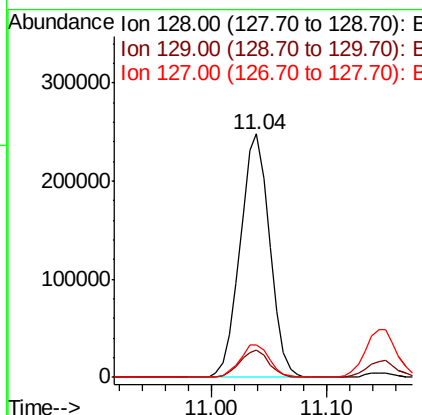
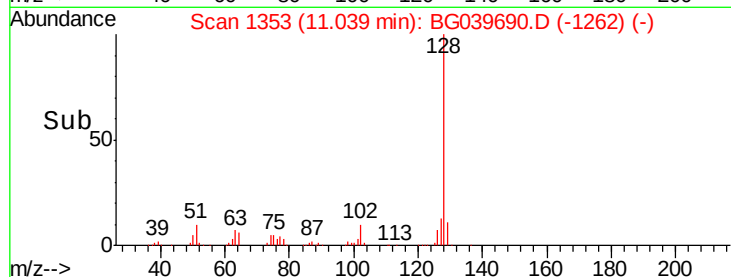
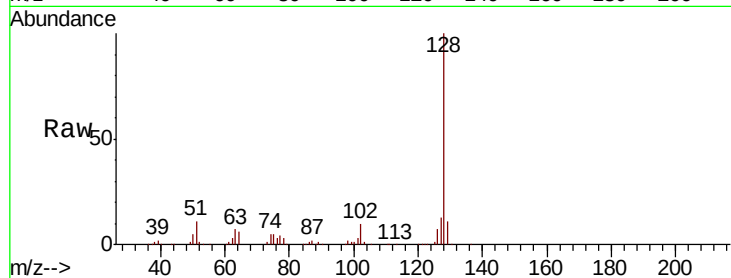




#31
Naphthalene
Concen: 22.885 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

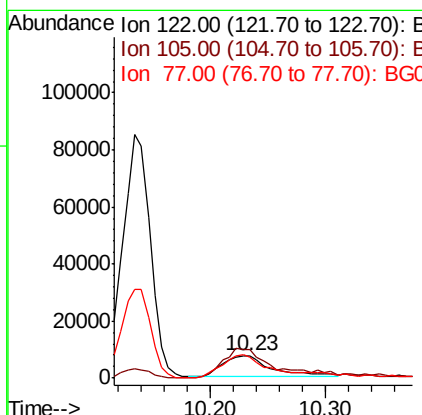
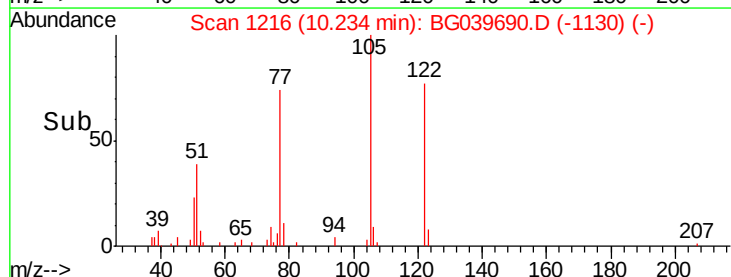
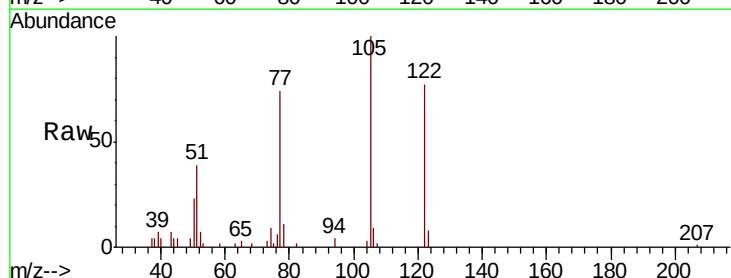
Instrument :
BNA_G
ClientSampleId :

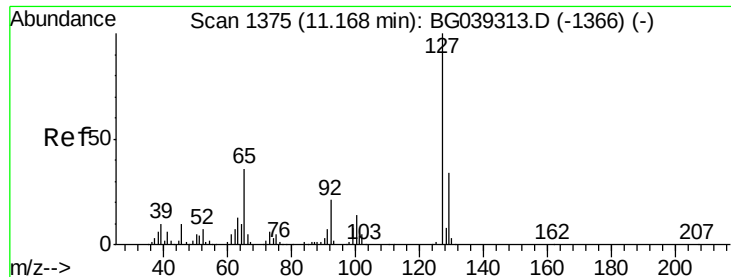
Tot Ion:128 Resp: 439158
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 14.073 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:122 Resp: 22613
Ion Ratio Lower Upper
122 100
105 129.6 101.8 141.8
77 95.3 76.3 116.3

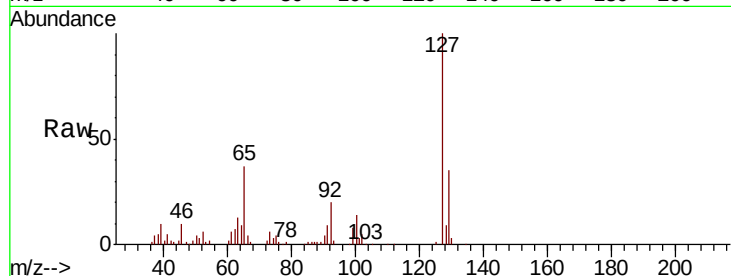




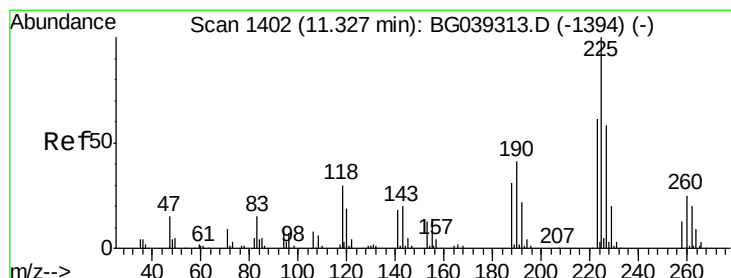
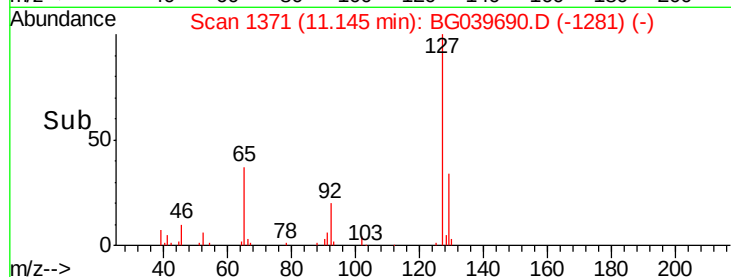
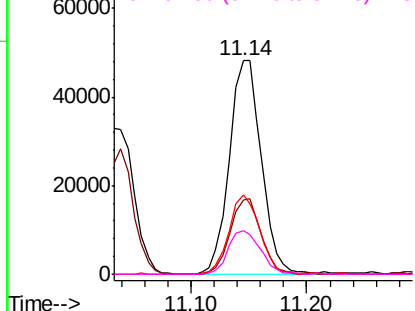
#33
4-Chloroaniline
Concen: 10.443 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	92920
Ion	Ratio	Lower	Upper
127	100		
129	34.7	27.0	40.4
65	37.5	28.8	43.2
92	20.3	16.6	25.0

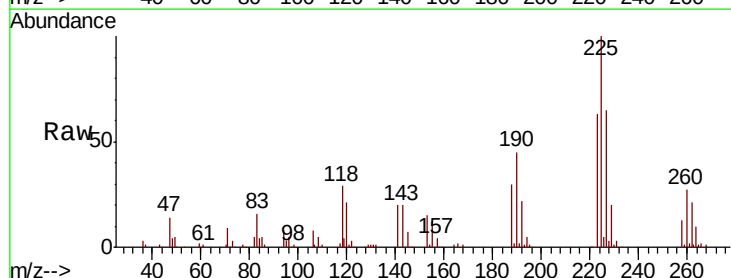


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

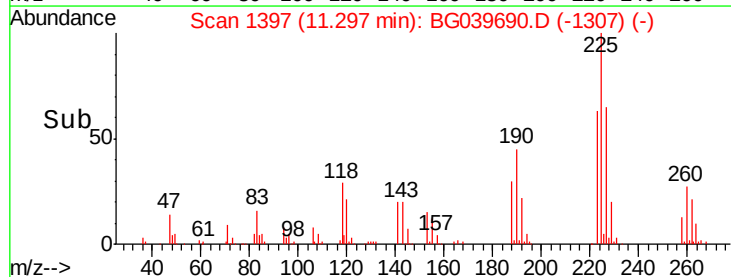
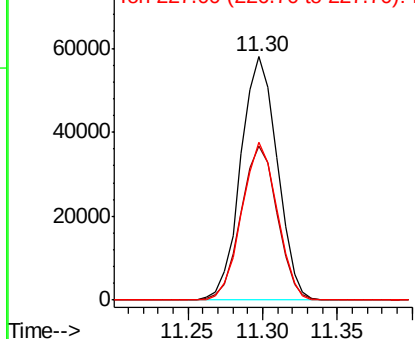


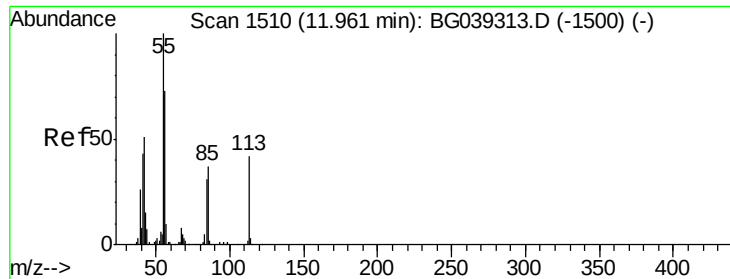
#34
Hexachlorobutadiene
Concen: 21.661 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:	225	Resp:	98110
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.6
227	65.0	46.3	69.5



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

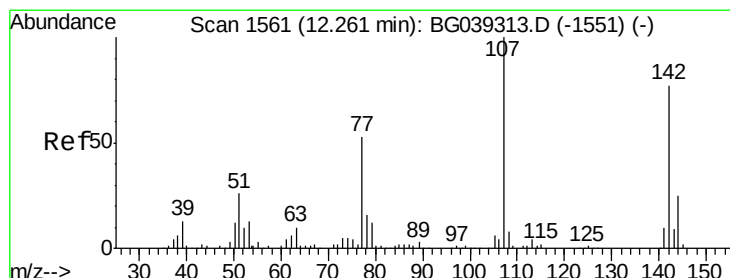
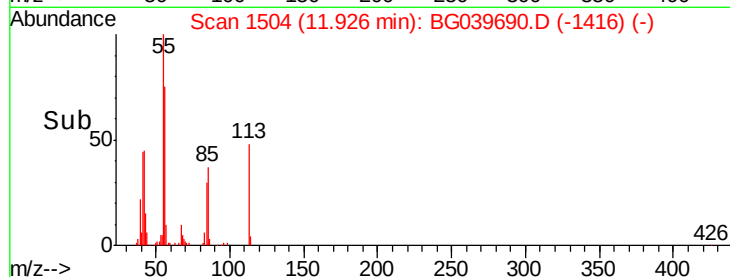
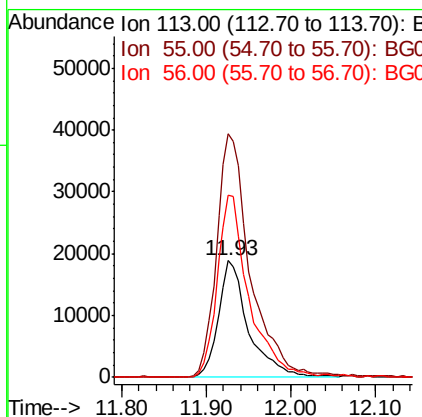
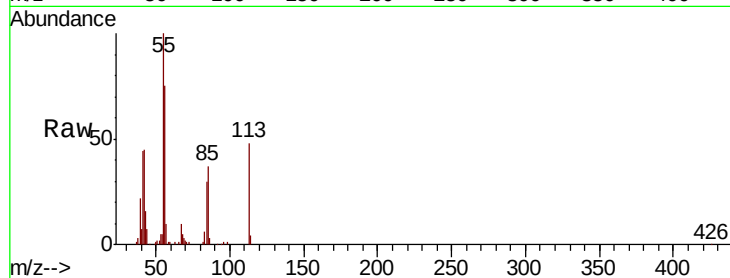




#35
 Caprolactam
 Concen: 18.772 ng
 RT: 11.93 min Scan# 1504
 Delta R.T. -0.02 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

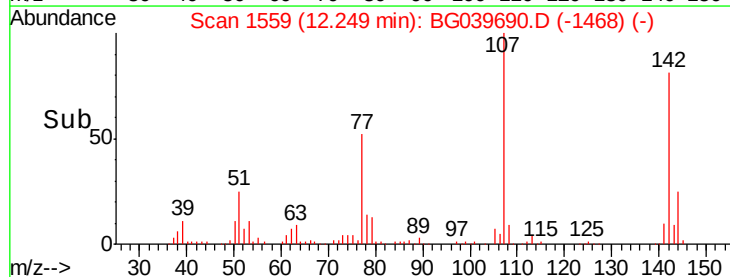
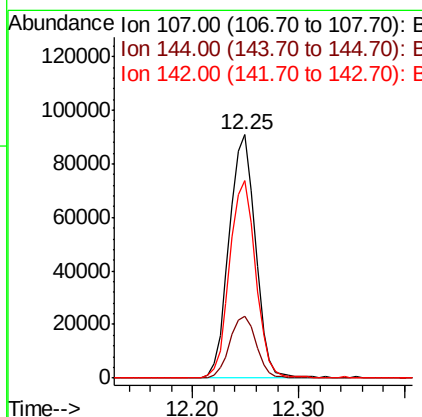
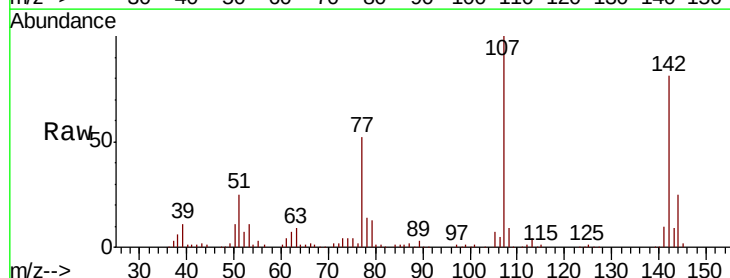
Instrument :
 BNA_G
 ClientSampled :

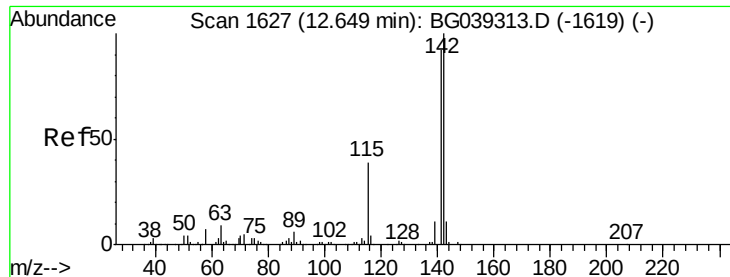
Tot Ion:113 Resp: 47123
 Ion Ratio Lower Upper
 113 100
 55 208.9 216.9 256.9#
 56 156.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 22.416 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Tgt Ion:107 Resp: 157263
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.2 30.2
 142 81.1 61.4 92.2

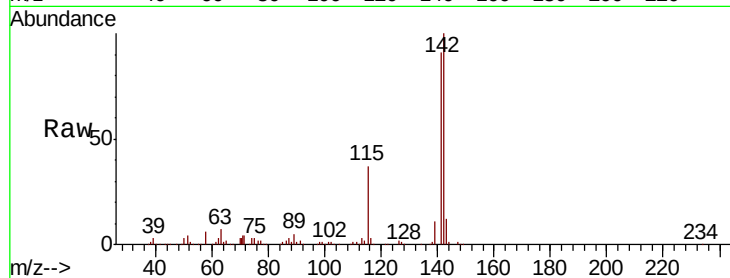




#37
2-Methylnaphthalene
Concen: 23.351 ng
RT: 12.63 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
115	36.8	30.8	46.2

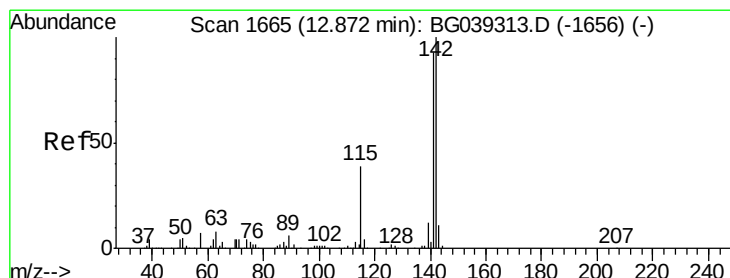
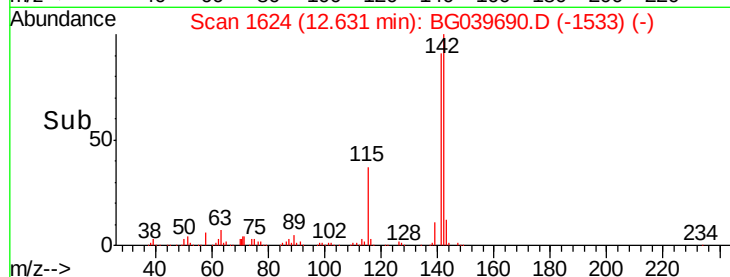
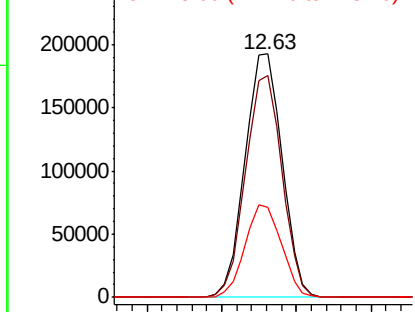


Abundance

Ion 142.00 (141.70 to 142.70): E

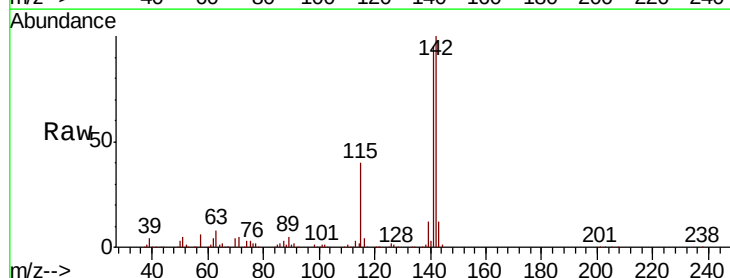
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 23.067 ng
RT: 12.85 min Scan# 1661
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.5	74.2	111.4
116	3.9	3.0	4.6

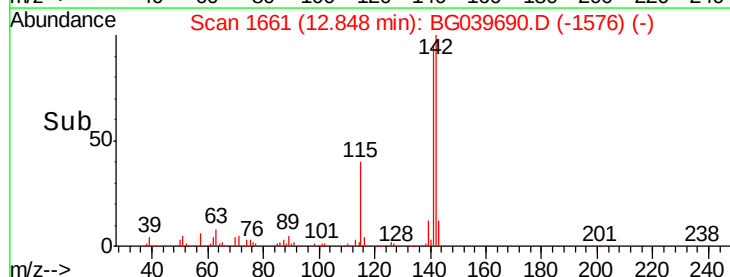
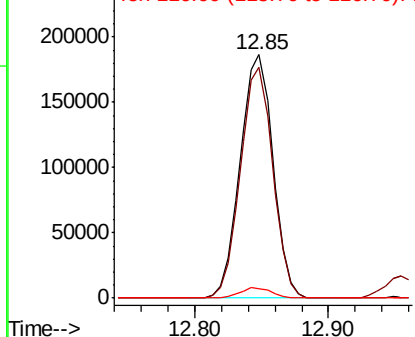


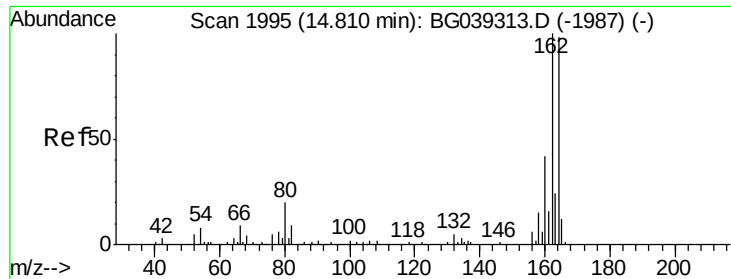
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

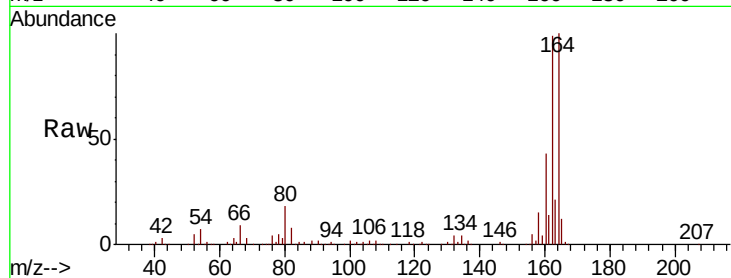




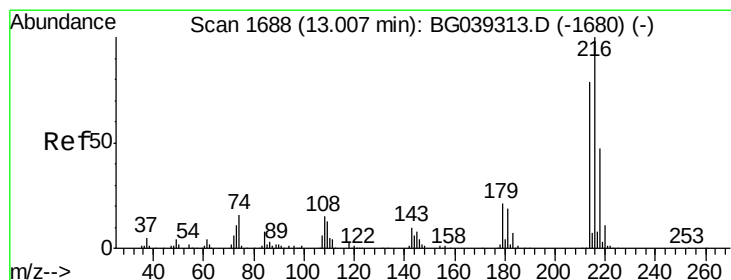
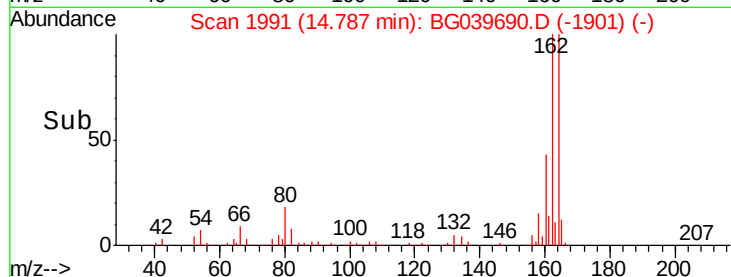
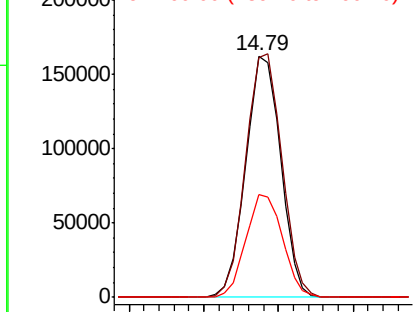
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 262255
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 42.9 34.2 51.2

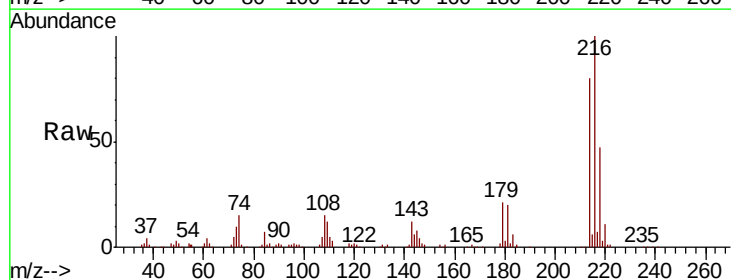


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

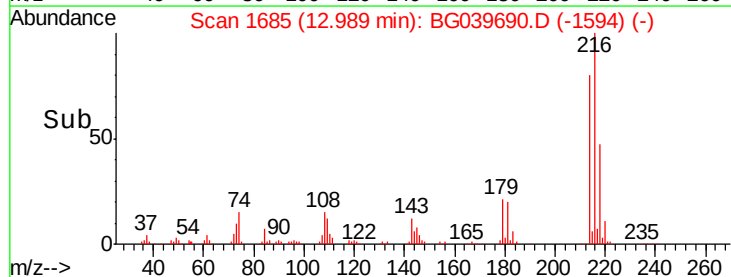
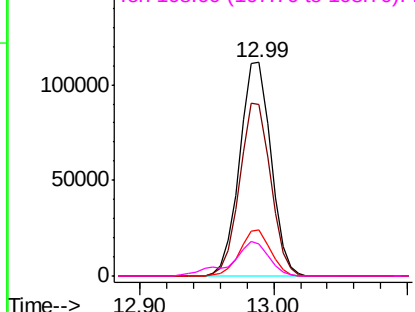


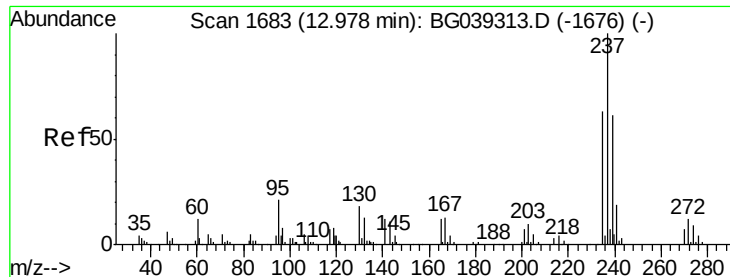
#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.751 ng
RT: 12.99 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:216 Resp: 181495
Ion Ratio Lower Upper
216 100
214 79.8 62.6 94.0
179 20.9 16.6 25.0
108 19.1 14.0 21.0



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 52.760 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

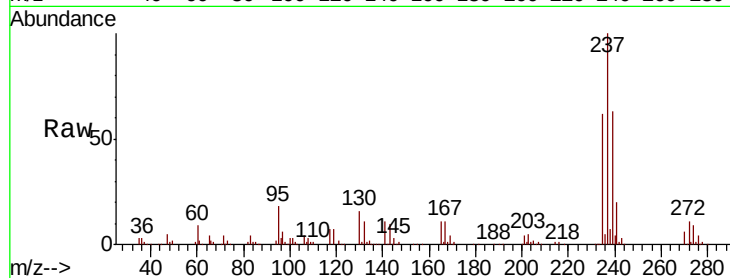
Tot Ion:237 Resp: 239895

Ion Ratio Lower Upper

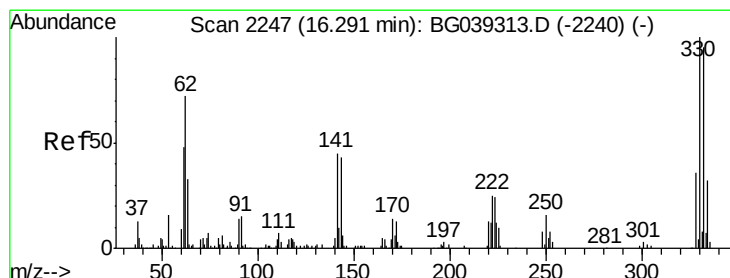
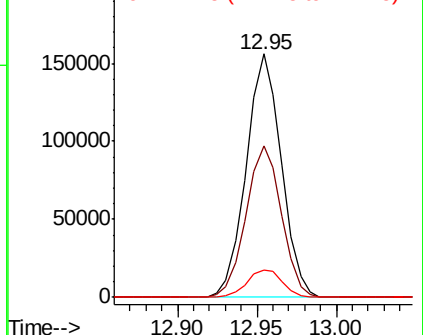
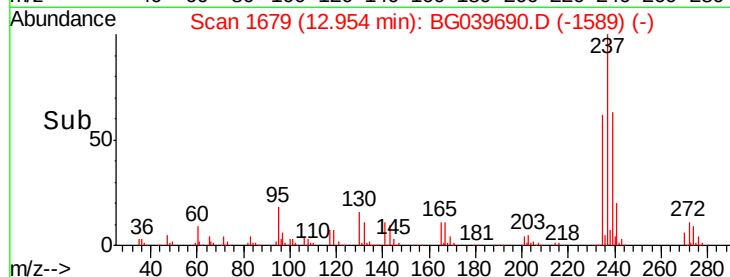
237 100

235 62.0 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: 122.393 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

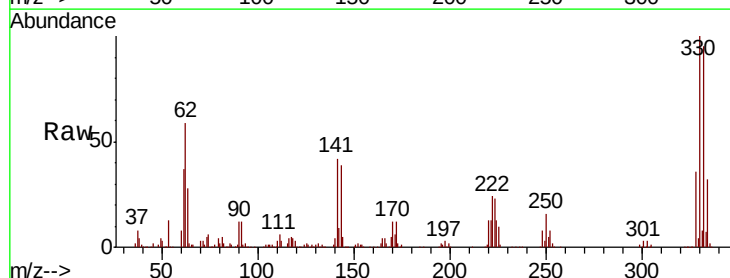
Tgt Ion:330 Resp: 345643

Ion Ratio Lower Upper

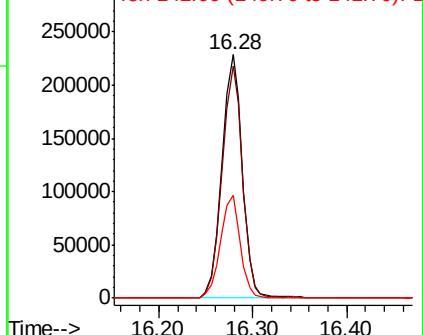
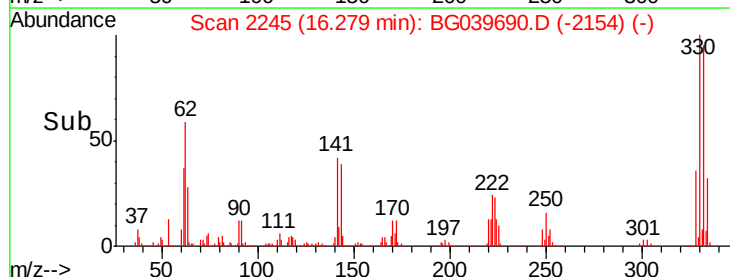
330 100

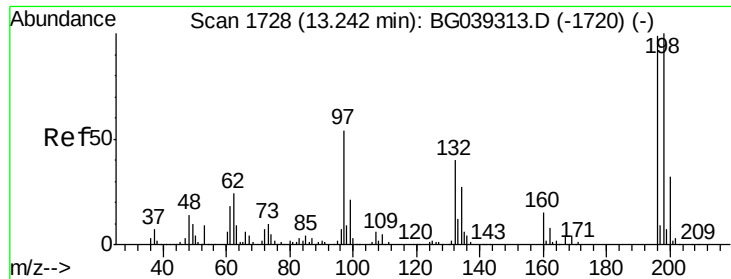
332 95.4 75.7 113.5

141 41.0 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

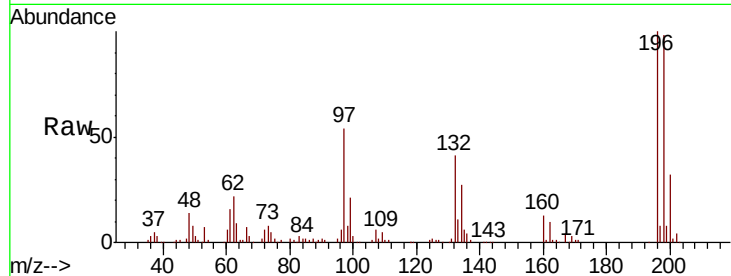




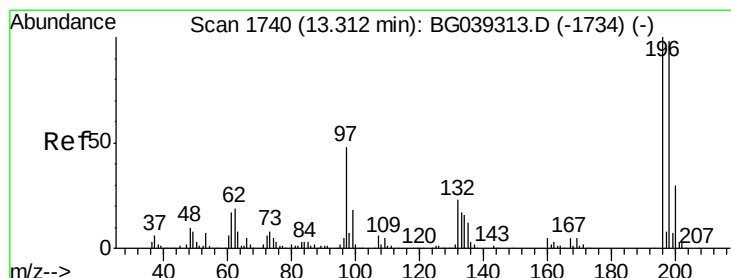
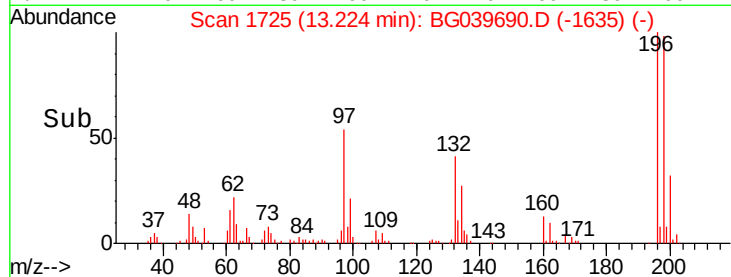
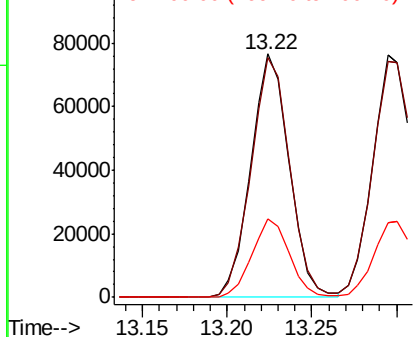
#43
 2,4,6-Trichlorophenol
 Concen: 23.614 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 121148
 Ion Ratio Lower Upper
 196 100
 198 98.3 80.6 121.0
 200 32.0 26.1 39.1

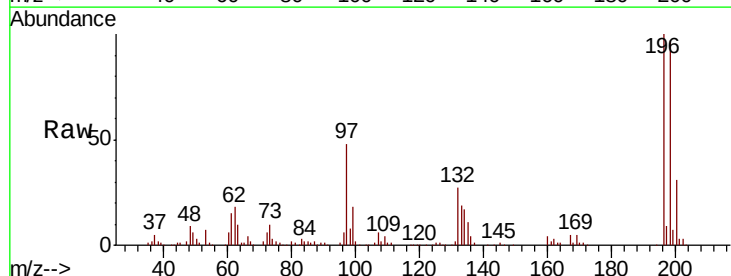


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

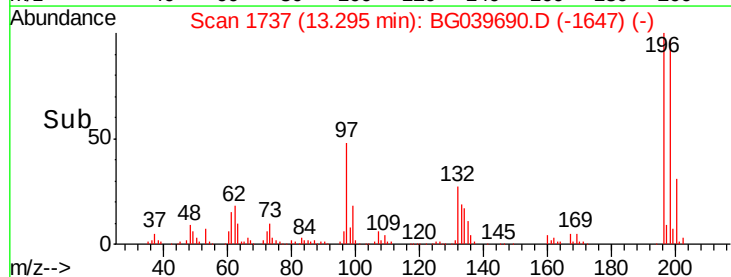
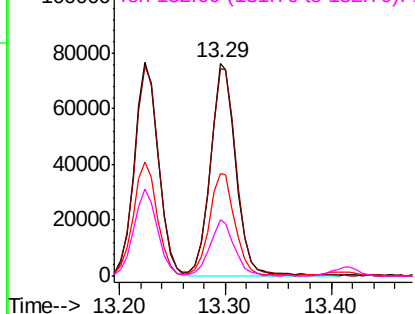


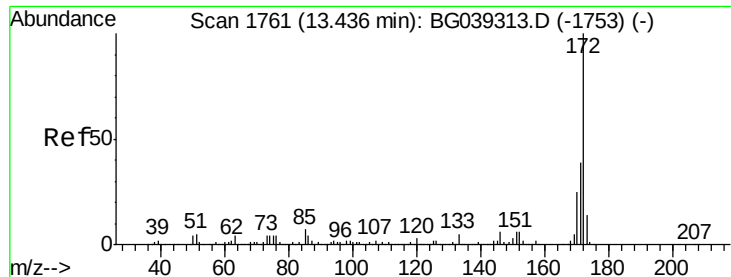
#44
 2,4,5-Trichlorophenol
 Concen: 23.655 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Tgt Ion:196 Resp: 127197
 Ion Ratio Lower Upper
 196 100
 198 97.4 78.5 117.7
 97 48.4 38.4 57.6
 132 26.8 19.2 28.8



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

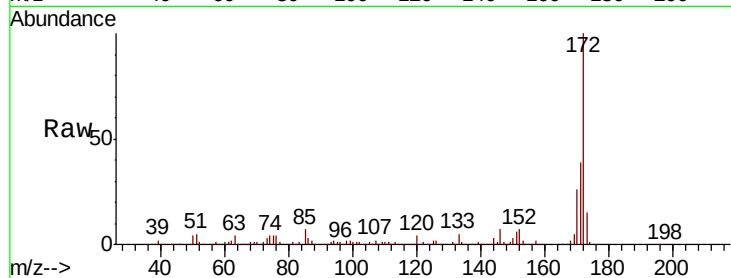




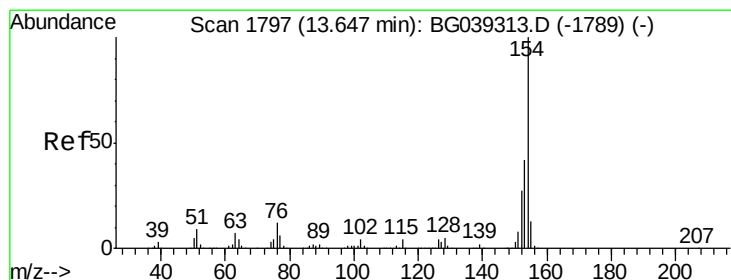
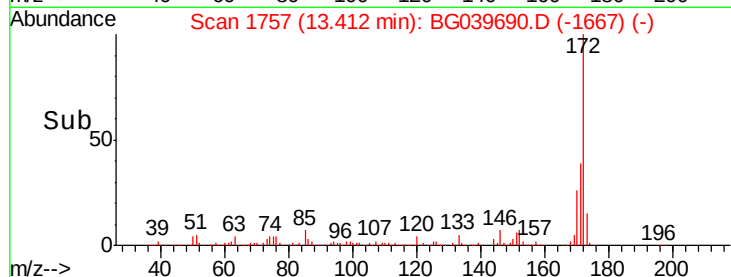
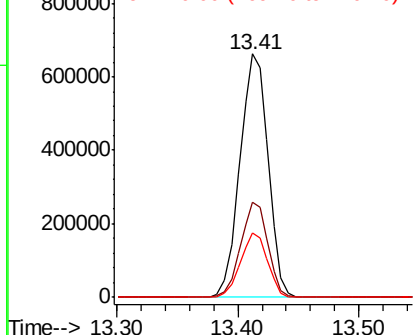
#45
2-Fluorobiphenyl
Concen: 58.846 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1075783
Ion Ratio Lower Upper
172 100
171 39.2 30.8 46.2
170 26.5 20.2 30.4

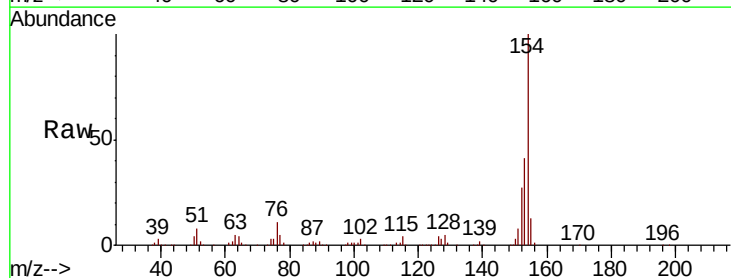


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

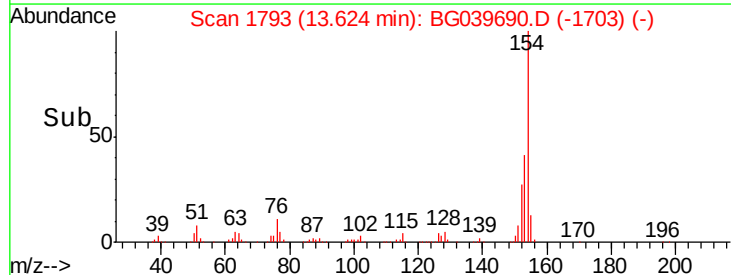
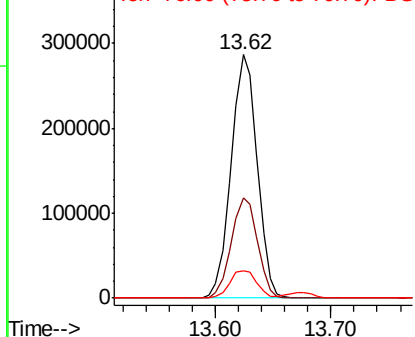


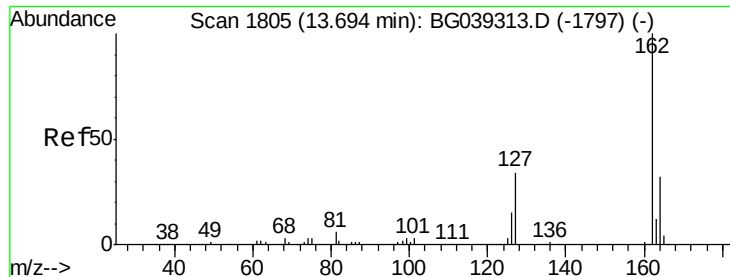
#46
1,1'-Biphenyl
Concen: 20.424 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:154 Resp: 445668
Ion Ratio Lower Upper
154 100
153 41.1 22.1 62.1
76 11.0 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

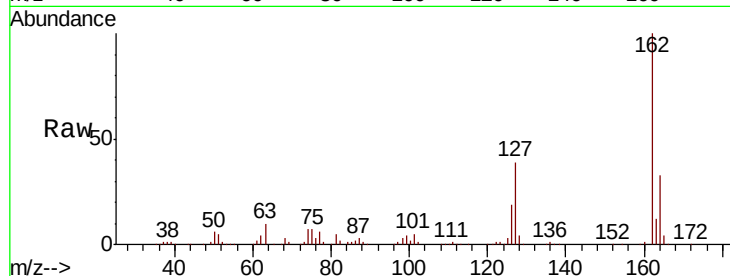




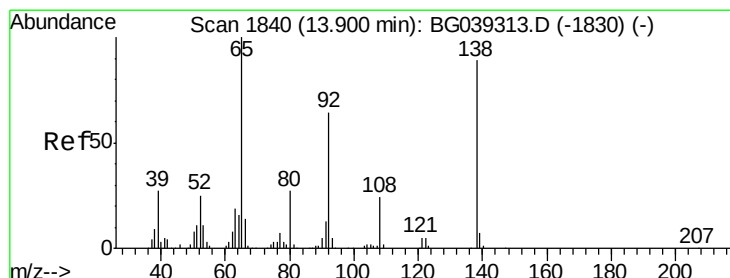
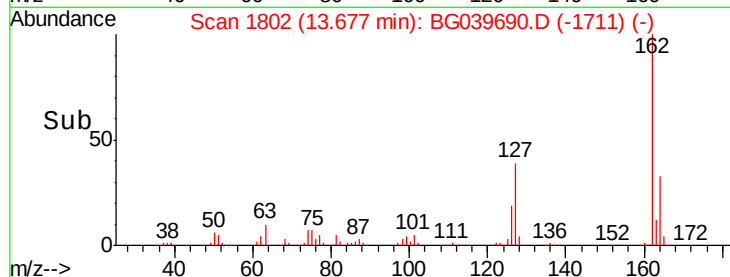
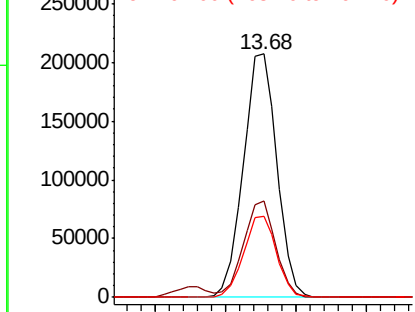
#47
2-Chloronaphthalene
Concen: 20.968 ng
RT: 13.68 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 344182
Ion Ratio Lower Upper
162 100
127 39.4 31.0 46.6
164 33.4 25.7 38.5

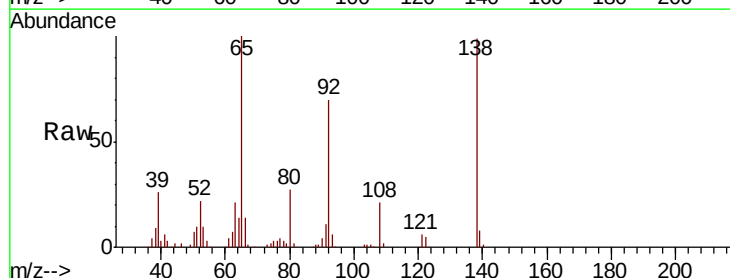


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

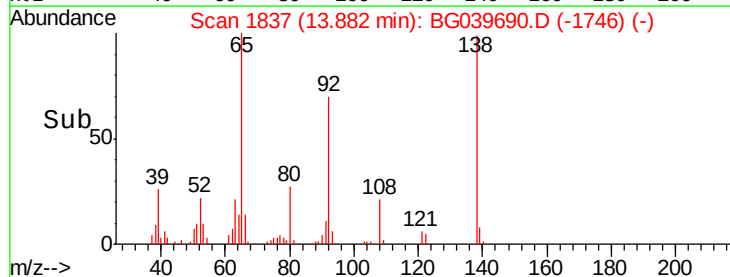
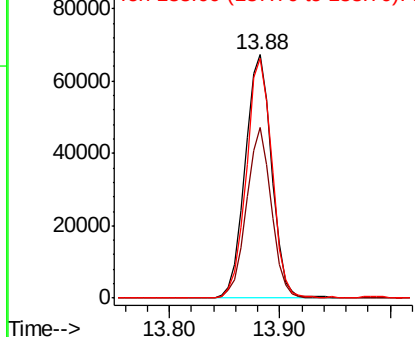


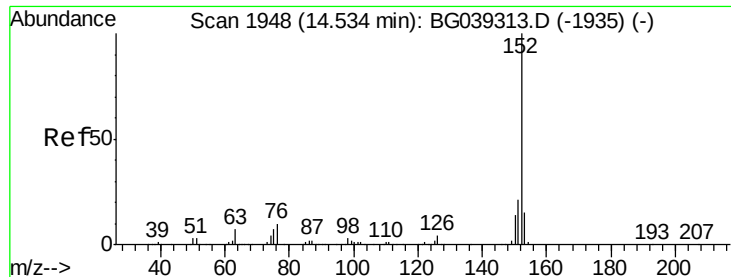
#48
2-Nitroaniline
Concen: 28.195 ng
RT: 13.88 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion: 65 Resp: 113439
Ion Ratio Lower Upper
65 100
92 70.1 51.4 77.2
138 98.7 71.4 107.2



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





#49

Acenaphthylene

Concen: 22.116 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

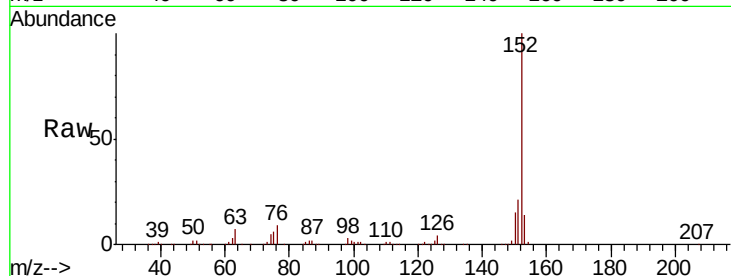
Tot Ion:152 Resp: 547787

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

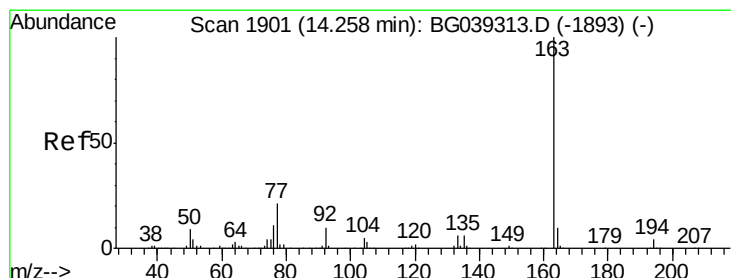
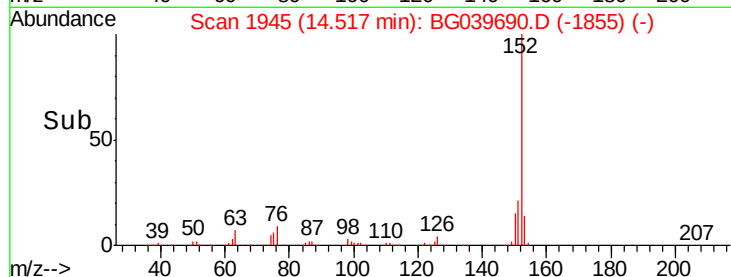
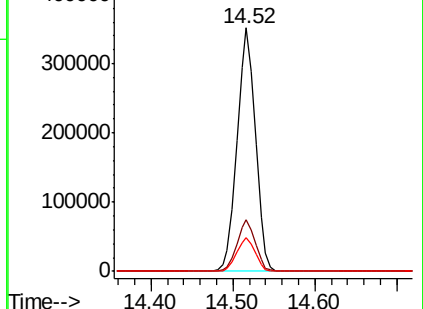
153 13.6 11.7 17.5



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: 20.554 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

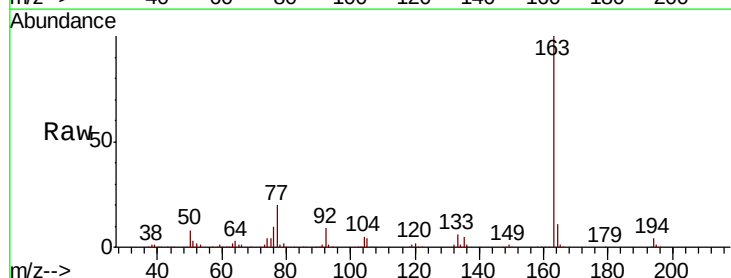
Tgt Ion:163 Resp: 435345

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

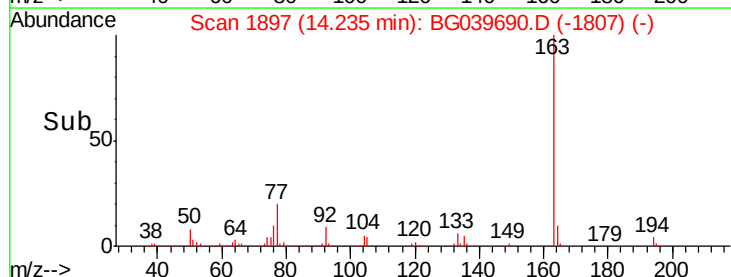
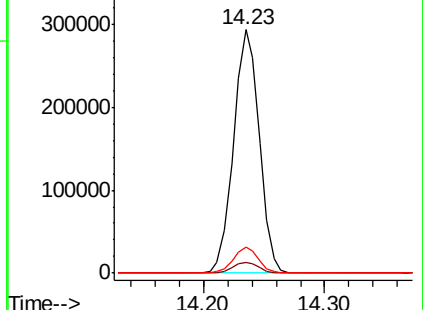
164 10.9 8.4 12.6

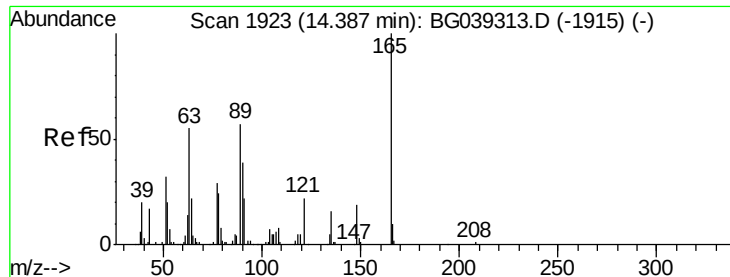


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 27.725 ng

RT: 14.37 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

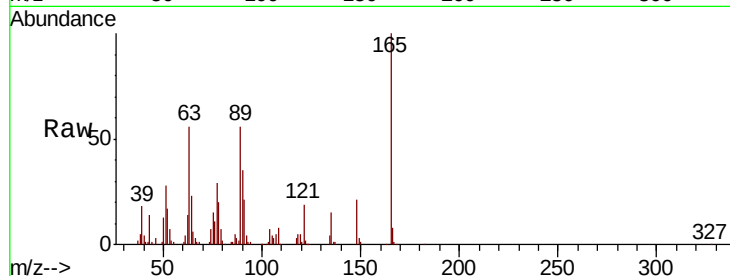
Tot Ion:165 Resp: 97050

Ion Ratio Lower Upper

165 100

63 56.0 47.0 70.6

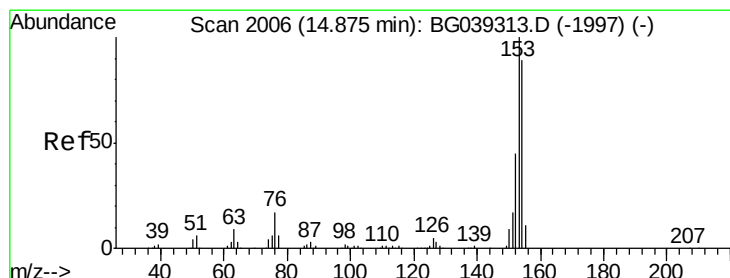
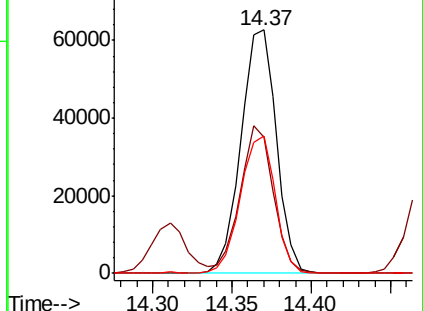
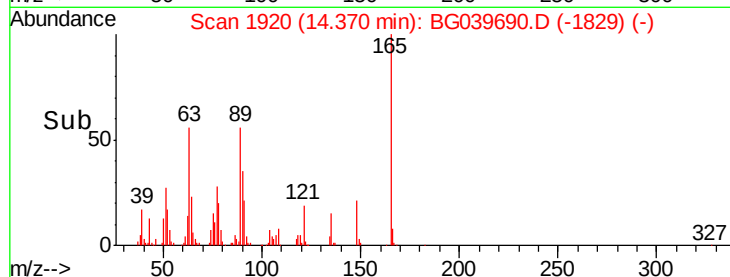
89 56.3 45.8 68.8



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: 20.279 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

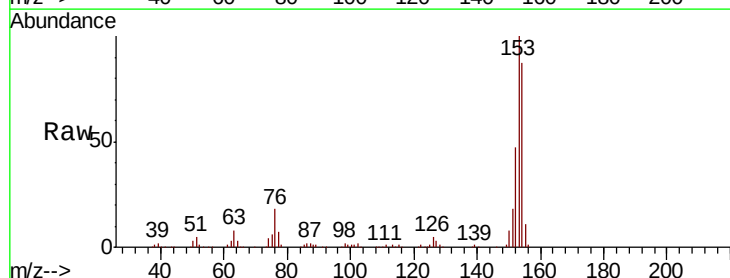
Tgt Ion:154 Resp: 326048

Ion Ratio Lower Upper

154 100

153 115.1 90.1 135.1

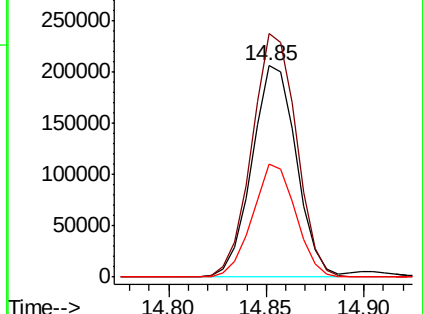
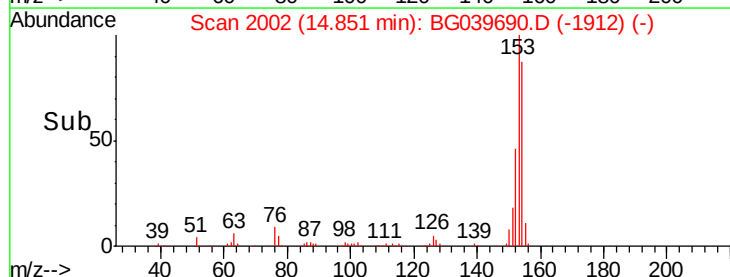
152 53.6 40.9 61.3

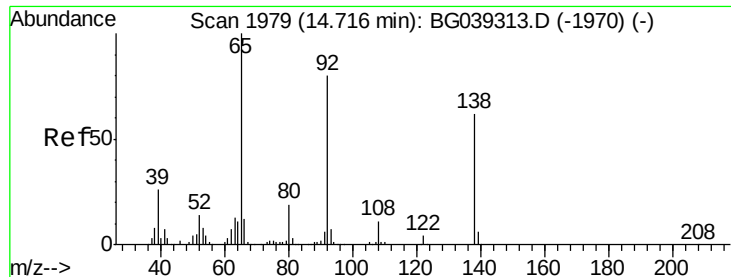


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

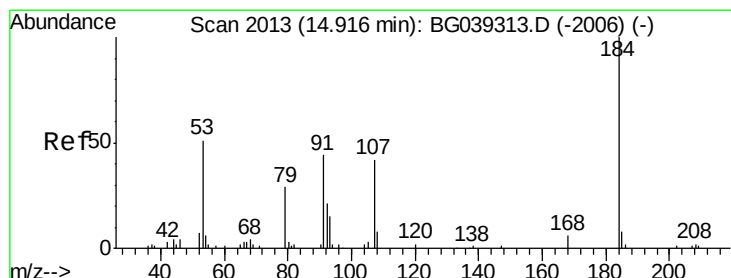
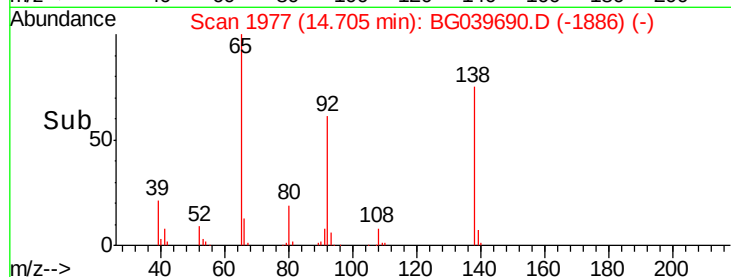
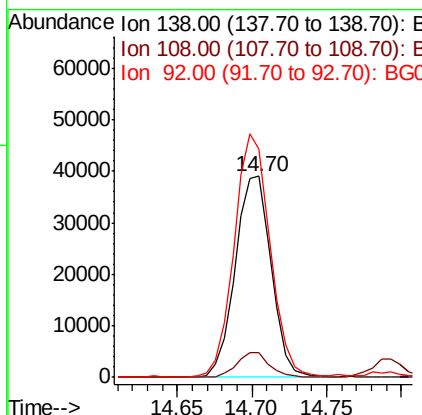
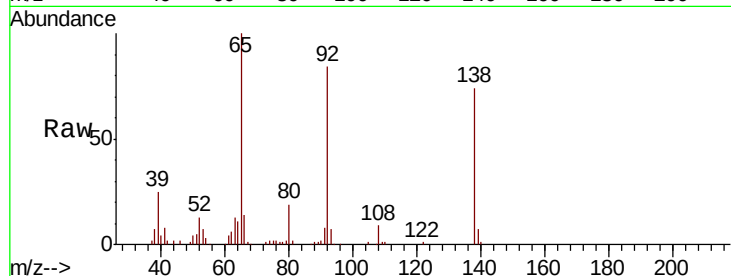




#53
3-Nitroaniline
Concen: 19.245 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

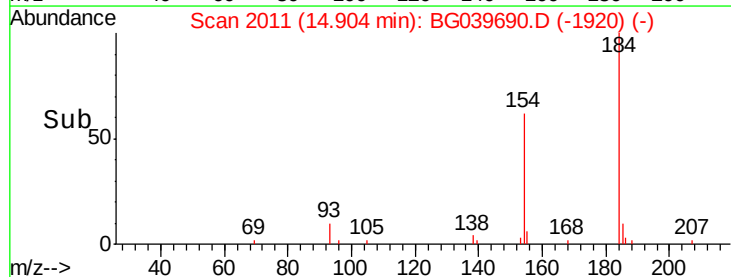
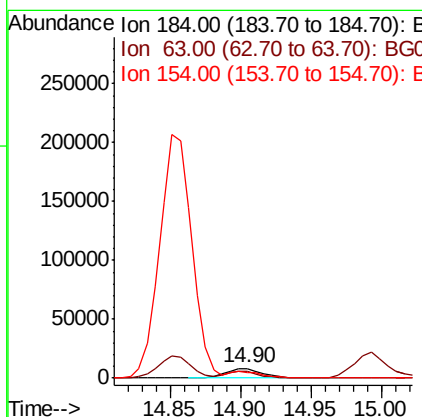
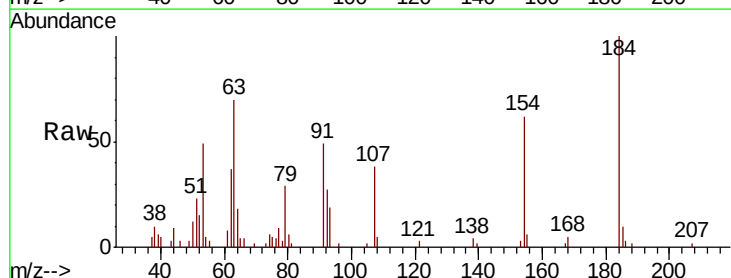
Instrument :
BNA_G
ClientSampleId :

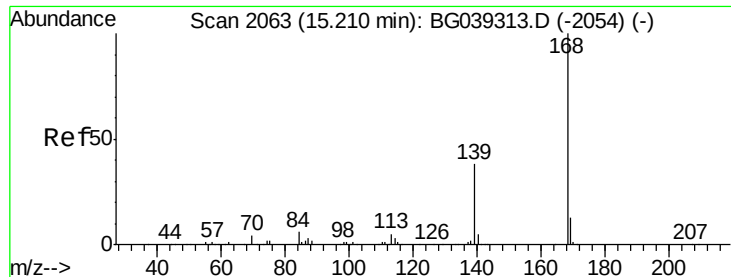
Tot Ion:138 Resp: 65346
Ion Ratio Lower Upper
138 100
108 12.2 13.8 20.8#
92 113.8 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 15.541 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:184 Resp: 15431
Ion Ratio Lower Upper
184 100
63 70.1 50.9 76.3
154 61.9 53.0 79.6

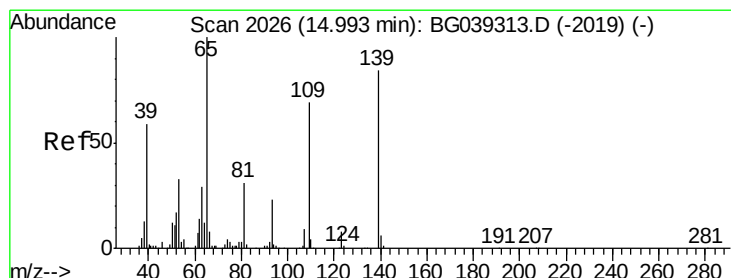
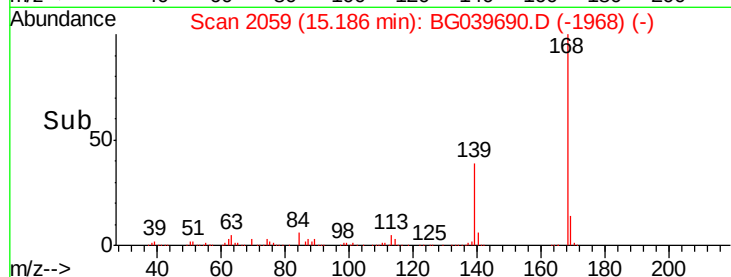
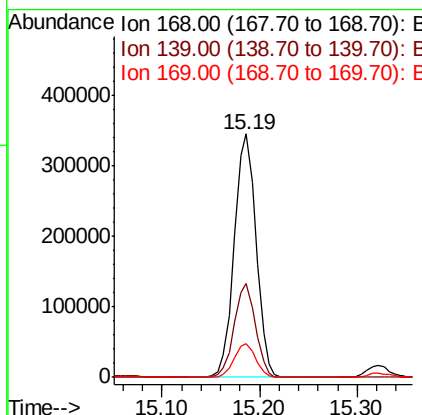
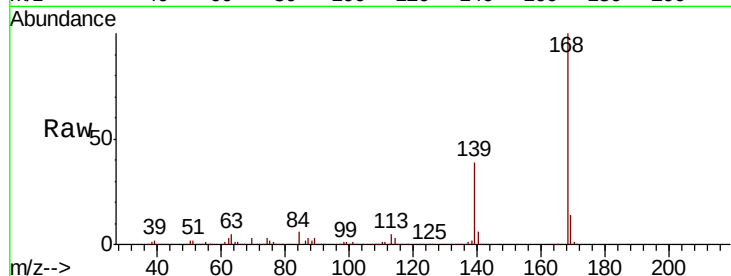




#55
Dibenzofuran
Concen: 20.776 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

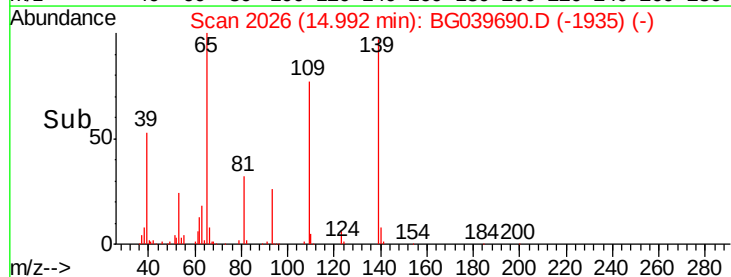
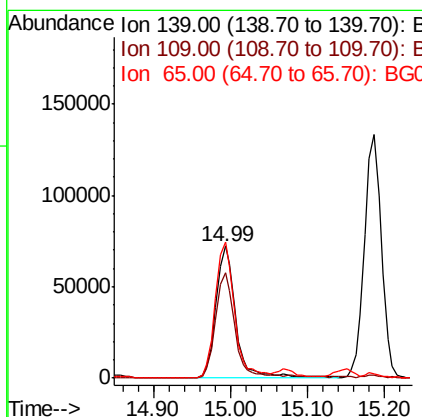
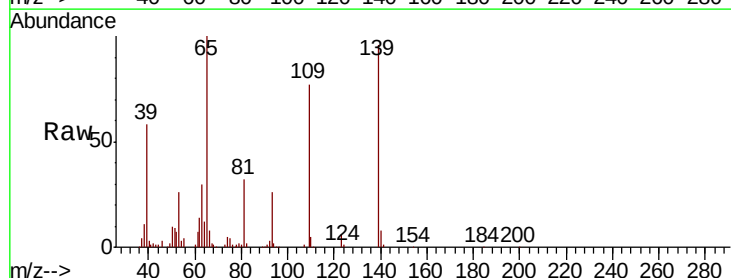
Instrument :
BNA_G
ClientSampled :

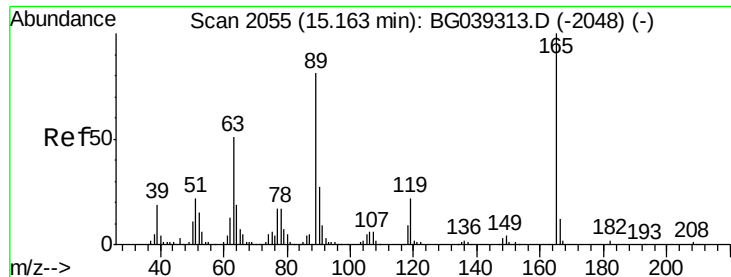
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	13.9	10.6	16.0



#56
4-Nitrophenol
Concen: 37.030 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.7	61.9	101.9
65	103.6	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 29.132 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 129086

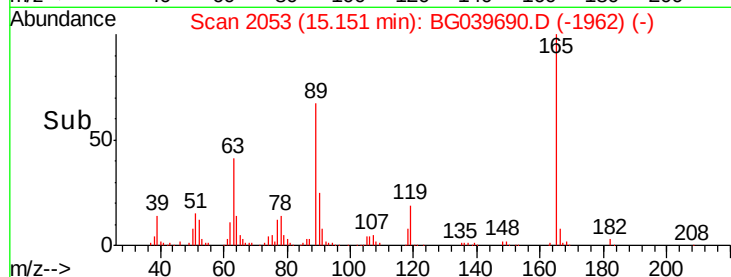
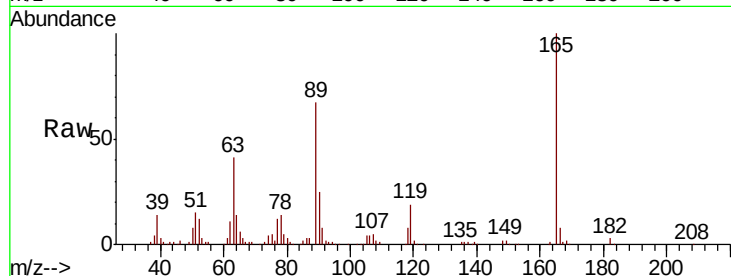
Ion Ratio Lower Upper

165 100

63 40.9 41.0 61.6#

89 67.3 64.6 96.8

182 2.8 2.0 3.0

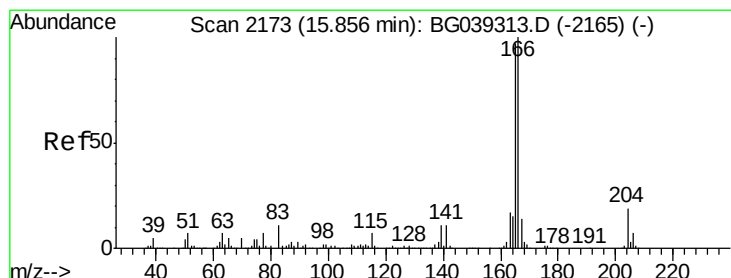
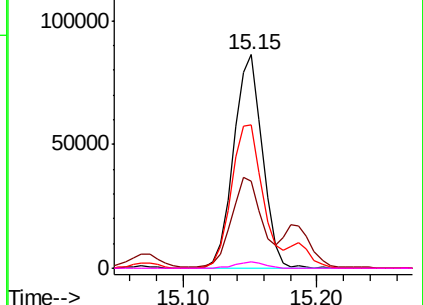


Abundance Ion 165.00 (164.70 to 165.70): E

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: 21.479 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

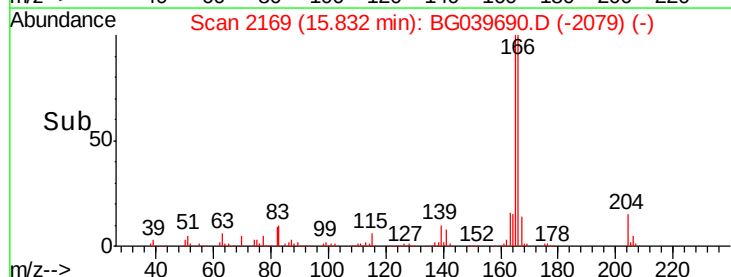
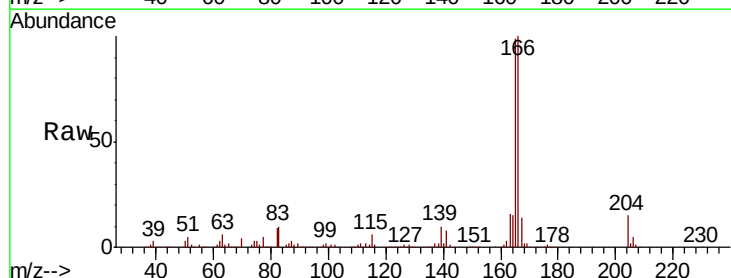
Tgt Ion:166 Resp: 412754

Ion Ratio Lower Upper

166 100

165 98.8 77.9 116.9

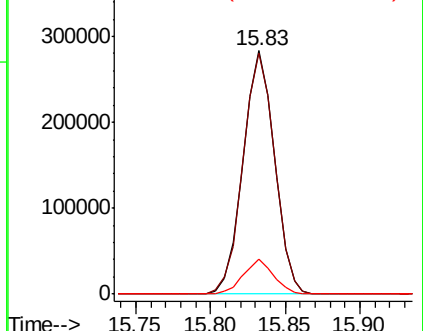
167 14.2 10.8 16.2

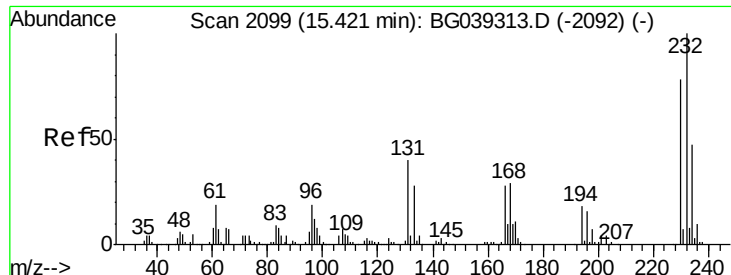


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

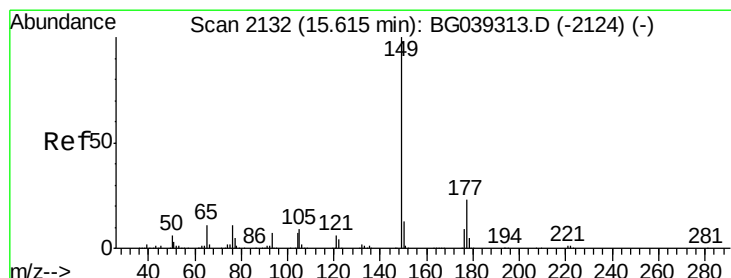
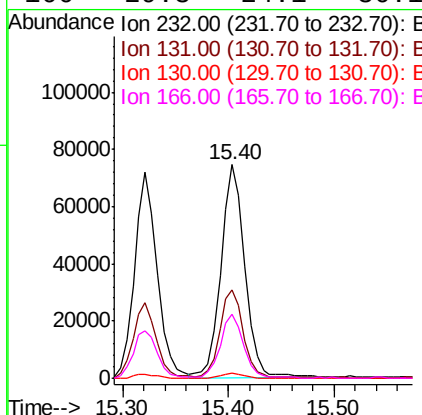
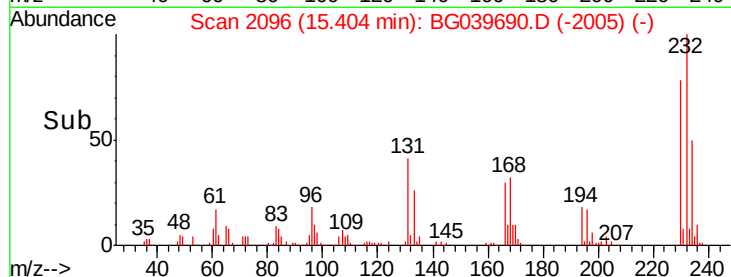
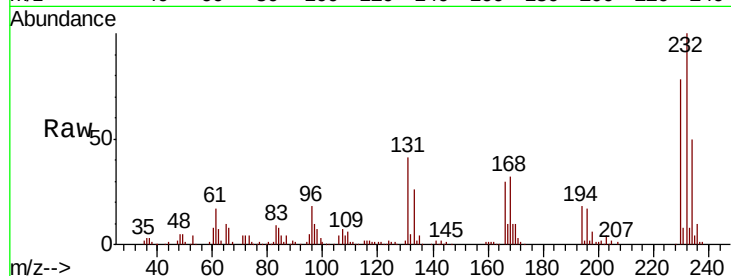




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 23.248 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. 0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

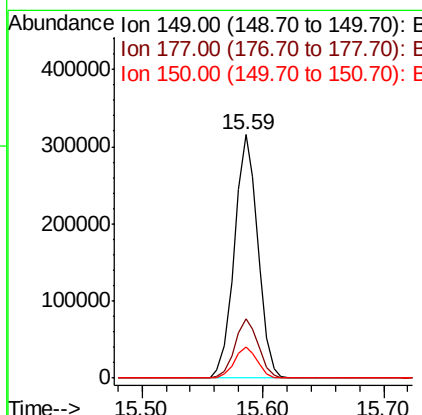
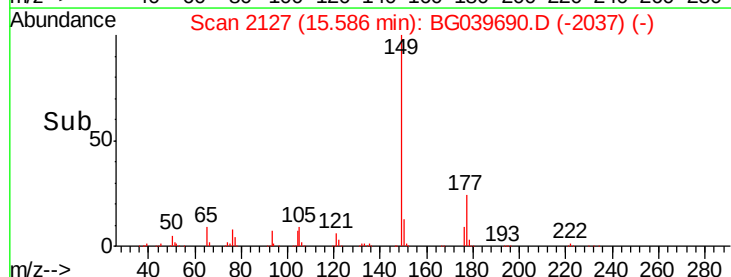
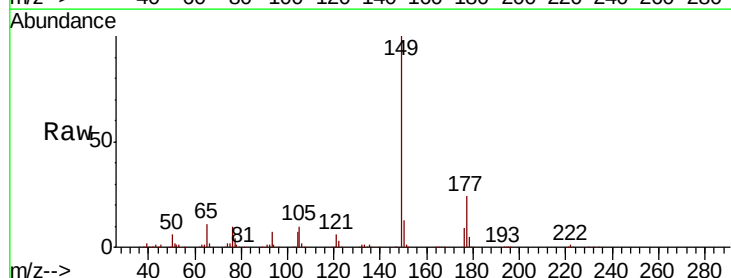
Instrument :
 BNA_G
 ClientSampleId :

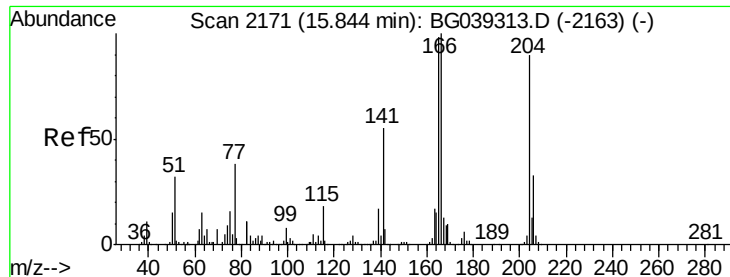
Tot Ion:232 Resp: 117044
 Ion Ratio Lower Upper
 232 100
 131 40.4 34.9 52.3
 130 2.2 2.0 3.0
 166 29.3 24.1 36.1



#60
 Diethylphthalate
 Concen: 19.439 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Tgt Ion:149 Resp: 425700
 Ion Ratio Lower Upper
 149 100
 177 24.1 18.3 27.5
 150 12.8 10.2 15.2

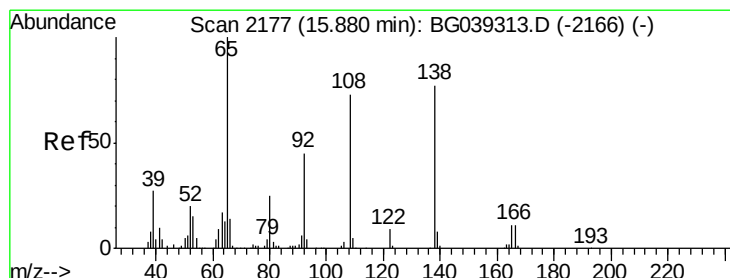
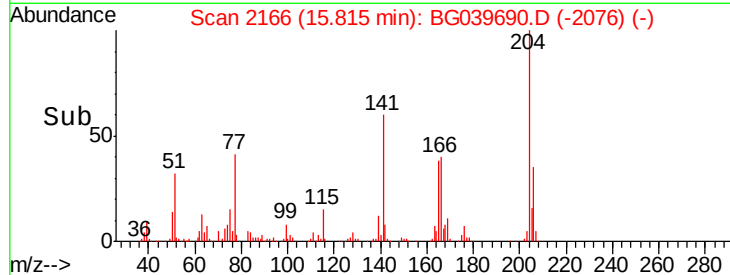
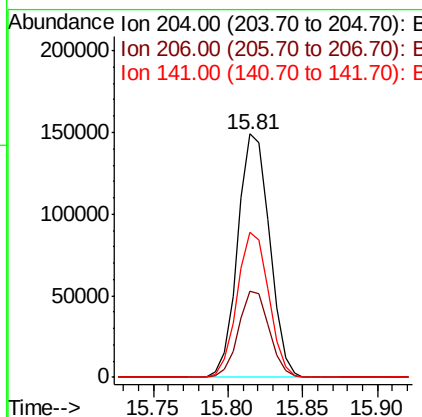
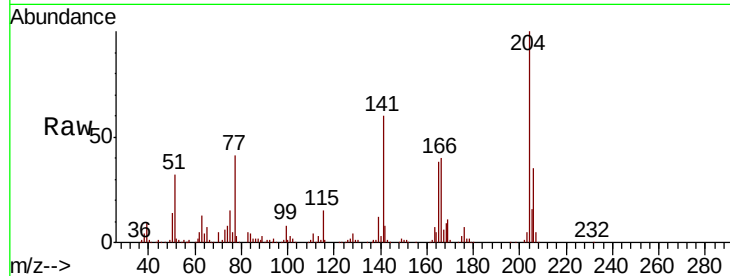




#61
 4-Chlorophenyl-phenylether
 Concen: 20.299 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

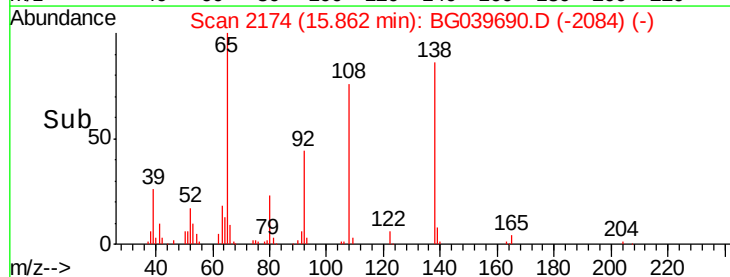
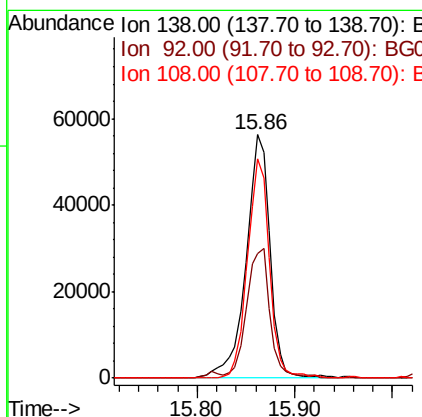
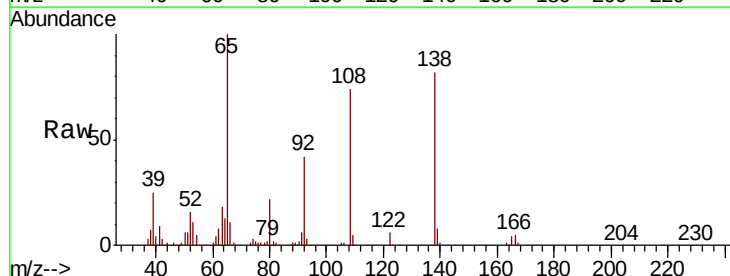
Instrument :
 BNA_G
 ClientSampleId :

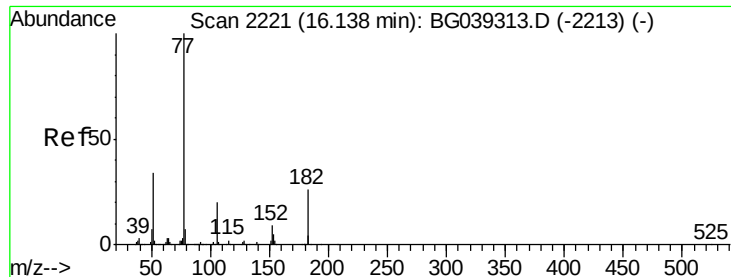
Tot Ion:	204	Resp:	220870
Ion	Ratio	Lower	Upper
204	100		
206	35.1	29.2	43.8
141	59.6	49.0	73.4



#62
 4-Nitroaniline
 Concen: 24.133 ng
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Tgt Ion:	138	Resp:	97016
Ion	Ratio	Lower	Upper
138	100		
92	51.0	38.7	78.7
108	90.3	74.6	114.6





#63

Azobenzene

Concen: 18.525 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 396529

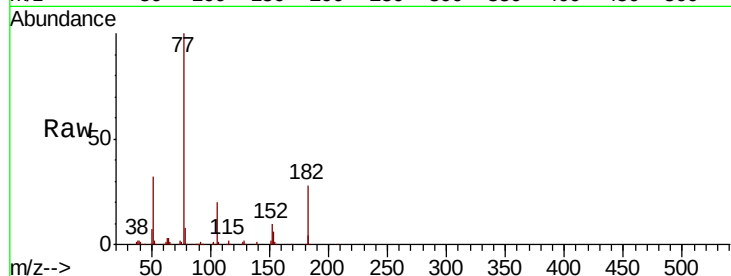
Ion Ratio Lower Upper

77 100

182 28.4 6.4 46.4

105 20.1 0.0 39.8

51 32.4 14.1 54.1

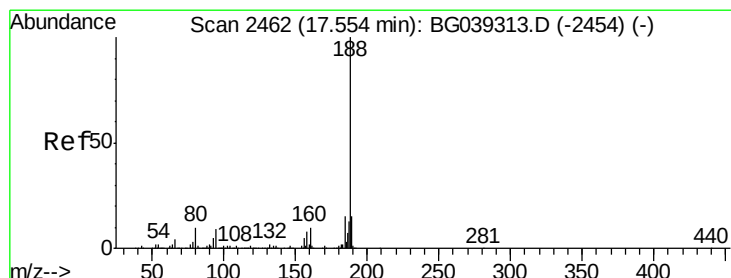
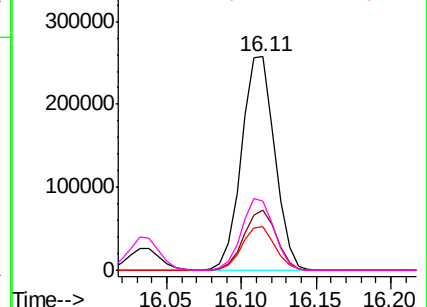
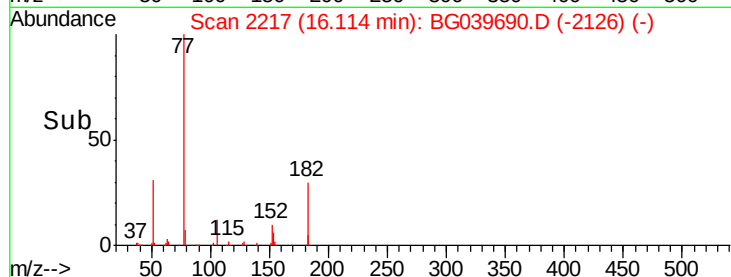


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

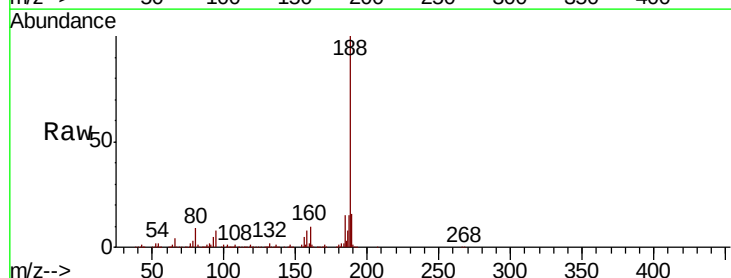
Tgt Ion: 188 Resp: 576519

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

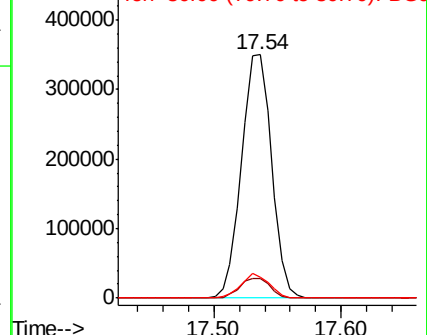
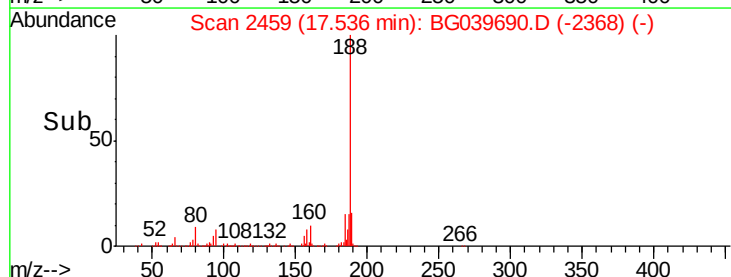
80 8.6 8.1 12.1

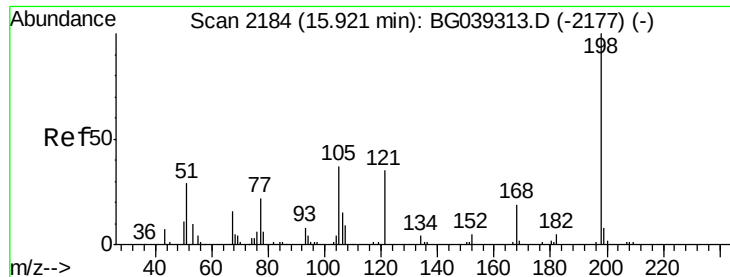


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 17.086 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

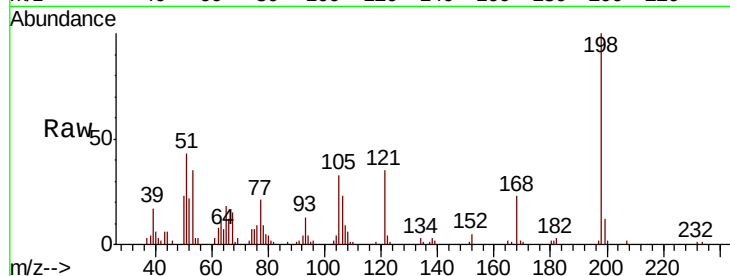
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 25617

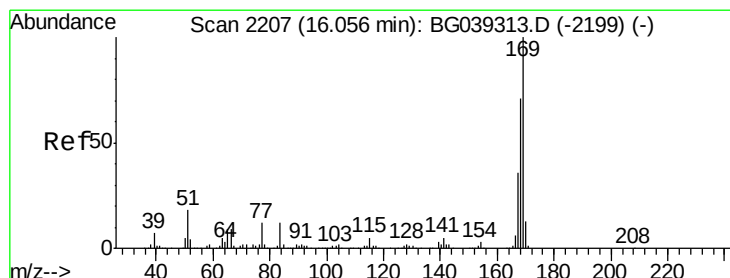
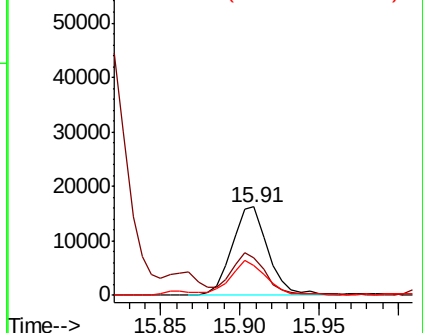
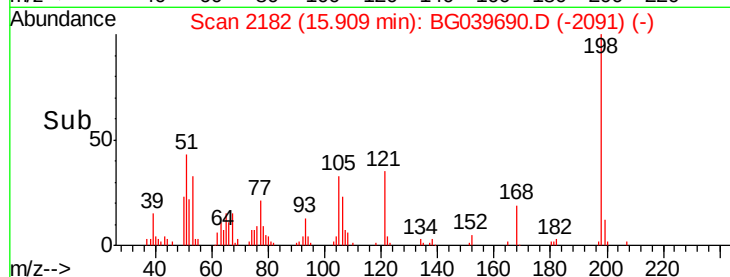
Ion	Ratio	Lower	Upper
198	100		
51	42.6	27.4	67.4
105	33.1	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039313.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 21.160 ng

RT: 16.04 min Scan# 2204

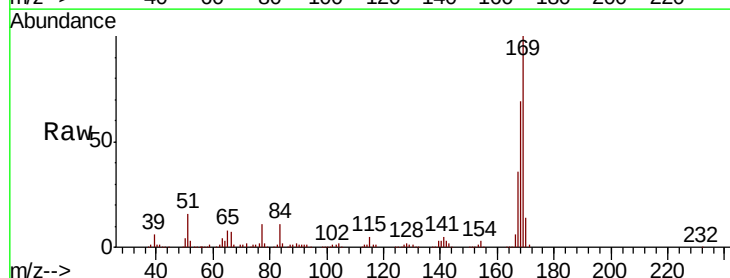
Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion:169 Resp: 370935

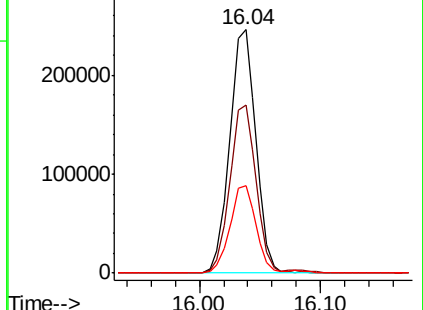
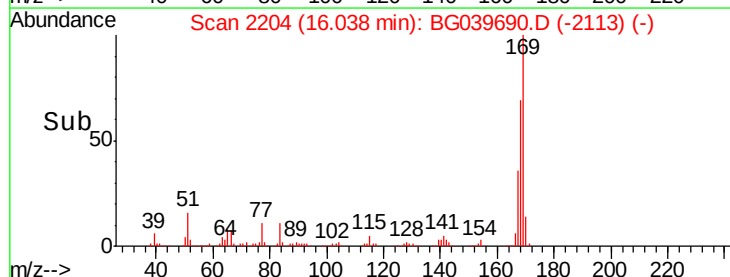
Ion	Ratio	Lower	Upper
169	100		
168	69.3	56.6	85.0
167	36.1	28.8	43.2

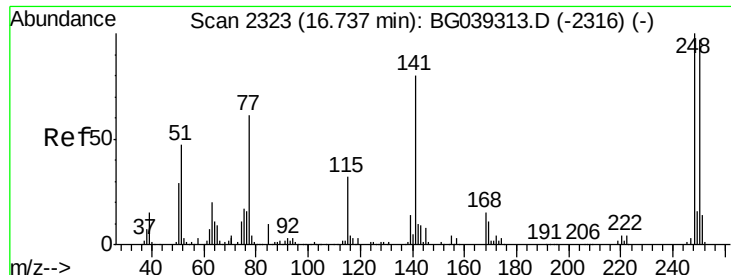


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

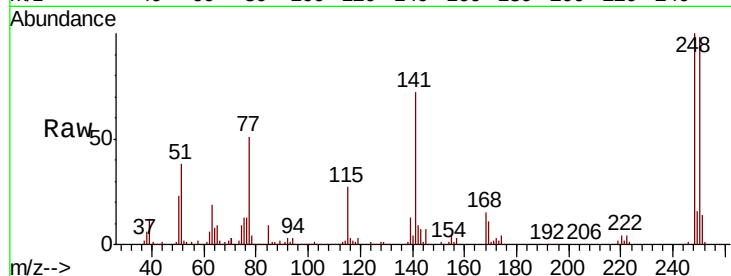




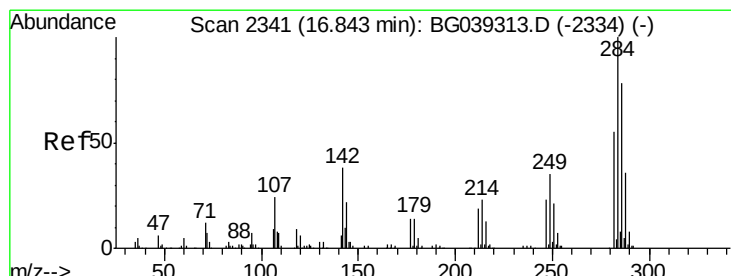
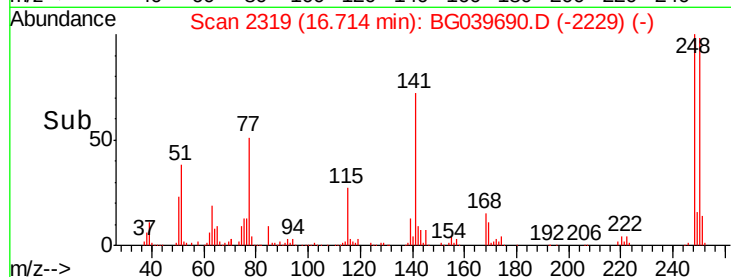
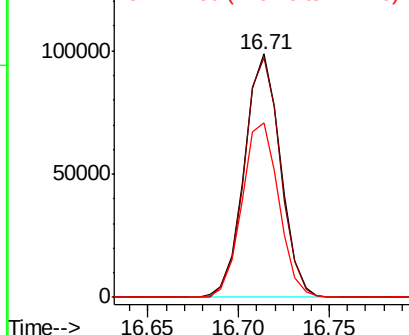
#67
4-Bromophenyl-phenylether
Concen: 21.508 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 137559
Ion Ratio Lower Upper
248 100
250 98.5 77.6 116.4
141 71.8 63.9 95.9

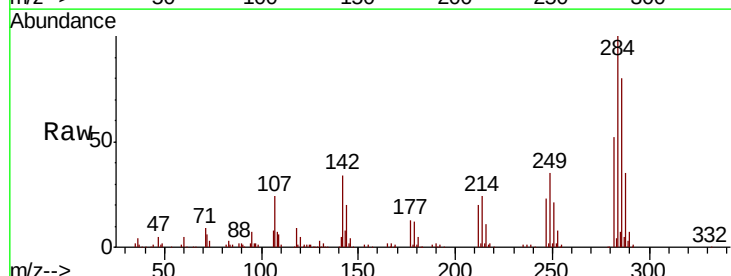


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

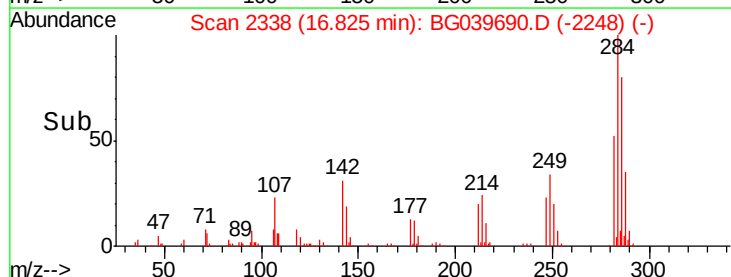
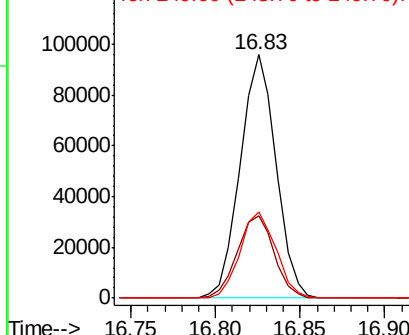


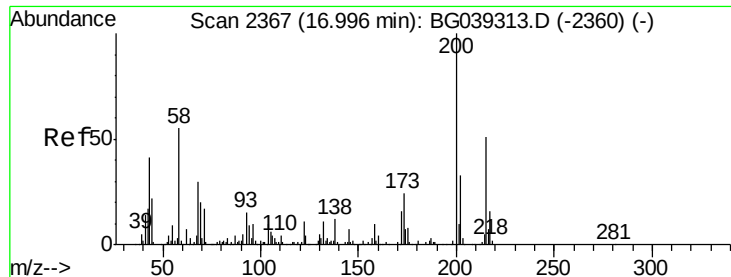
#68
Hexachlorobenzene
Concen: 22.040 ng
RT: 16.83 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:284 Resp: 141428
Ion Ratio Lower Upper
284 100
142 33.8 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: 21.383 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampled :

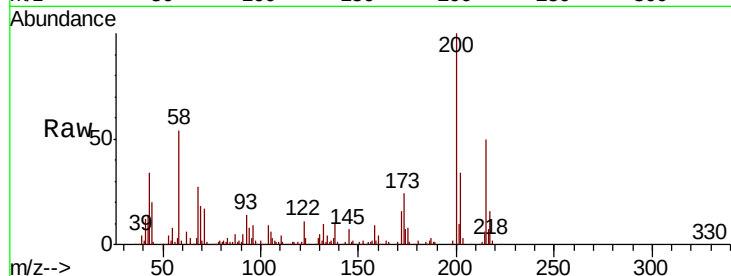
Tot Ion:200 Resp: 136980

Ion Ratio Lower Upper

200 100

173 23.5 3.9 43.9

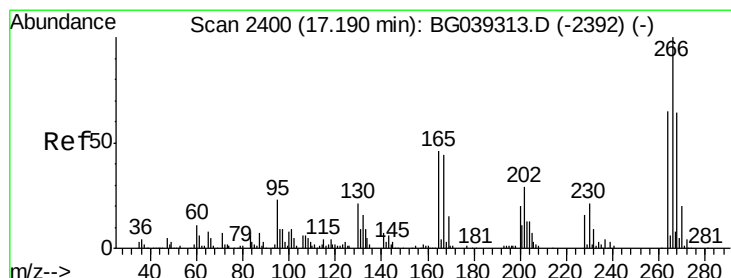
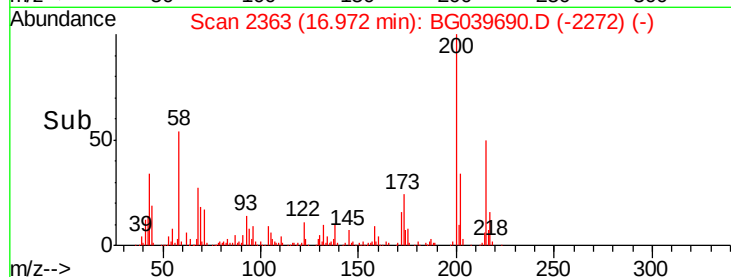
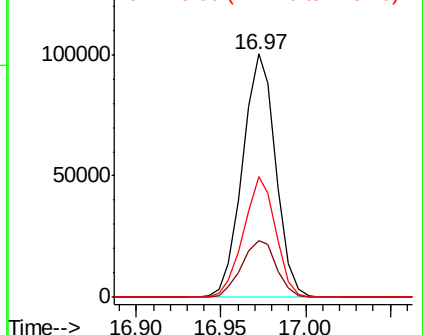
215 49.8 30.9 70.9



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: 25.349 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

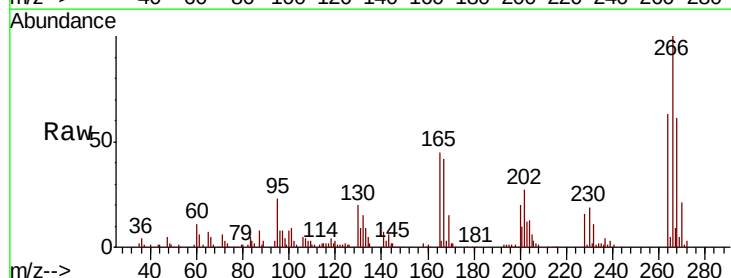
Tgt Ion:266 Resp: 113055

Ion Ratio Lower Upper

266 100

268 61.4 51.1 76.7

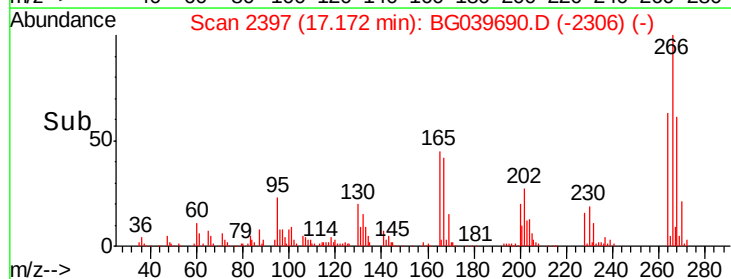
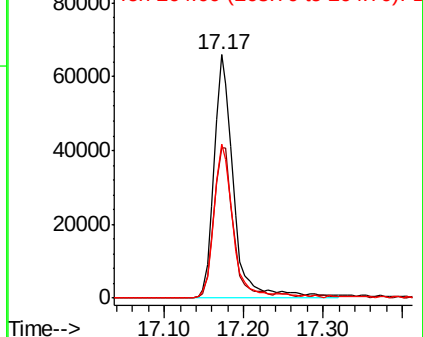
264 63.2 52.1 78.1

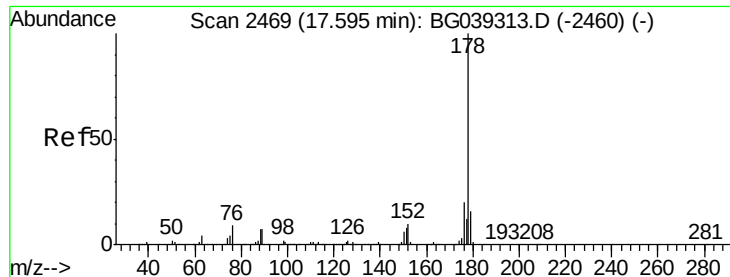


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.921 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

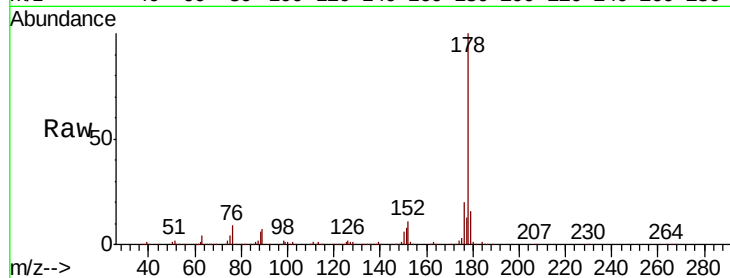
Tot Ion:178 Resp: 654089

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

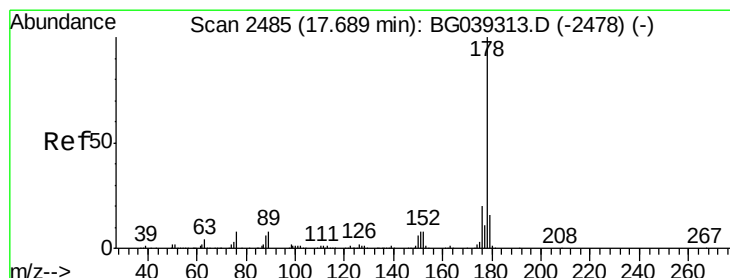
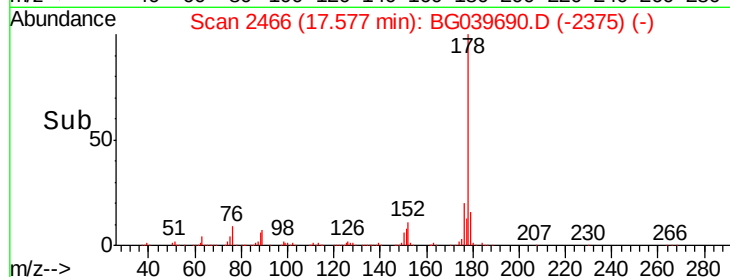
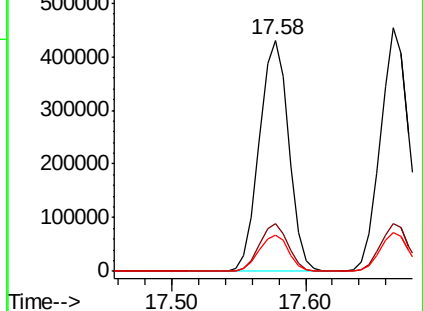
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 22.853 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

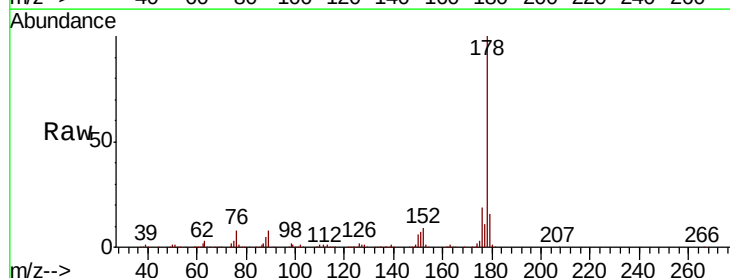
Tgt Ion:178 Resp: 671690

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

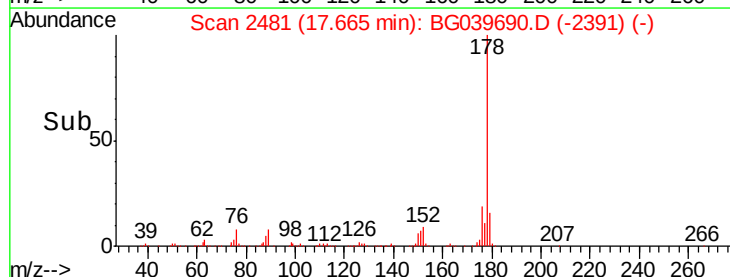
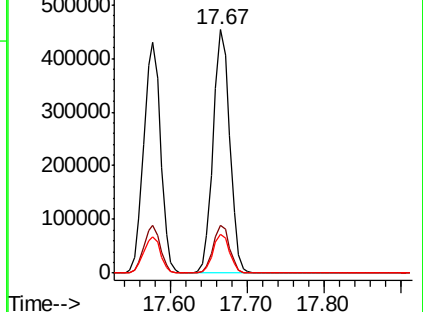
179 16.1 12.5 18.7

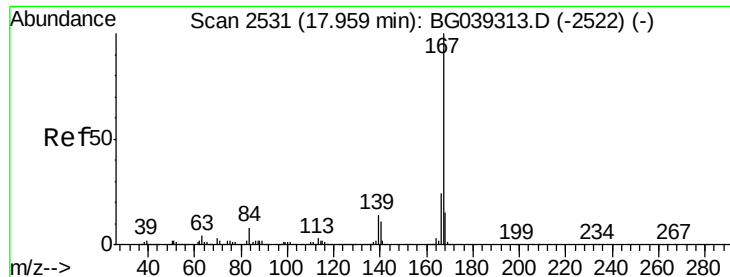


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

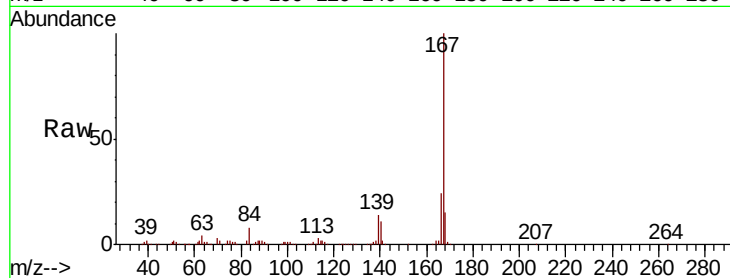




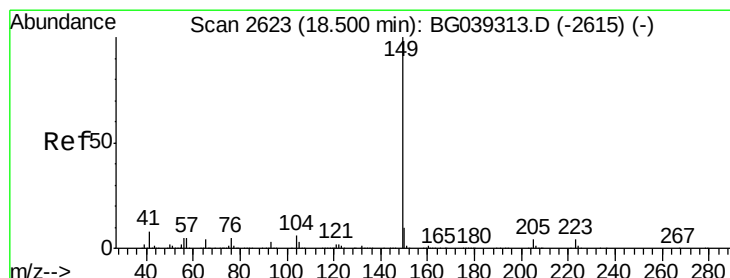
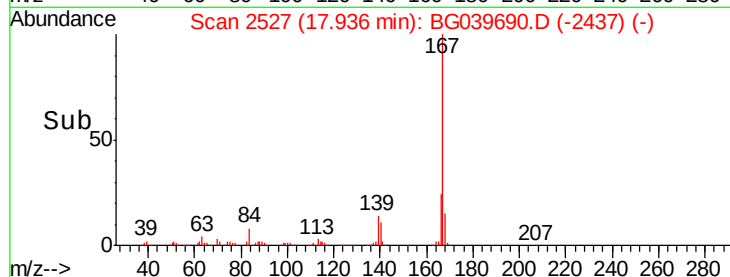
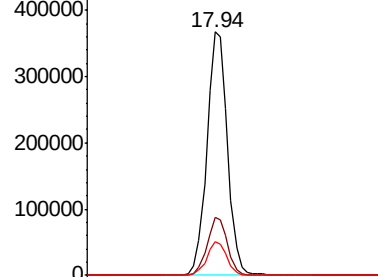
#73
 Carbazole
 Concen: 19.807 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.4	29.2
139	13.9	10.8	16.2

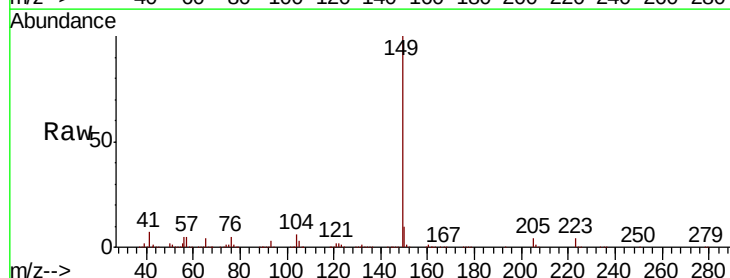


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

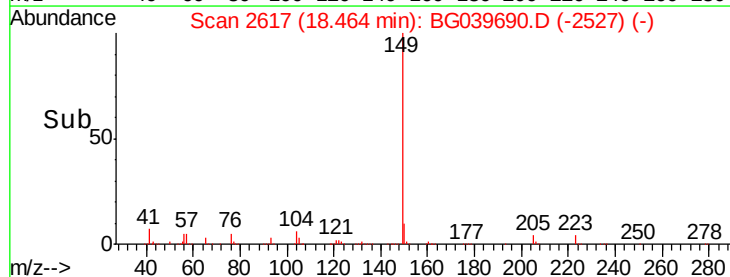
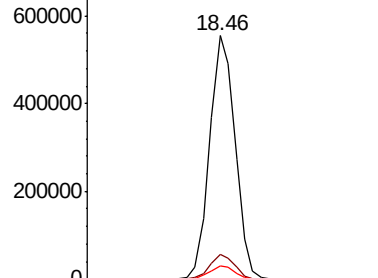


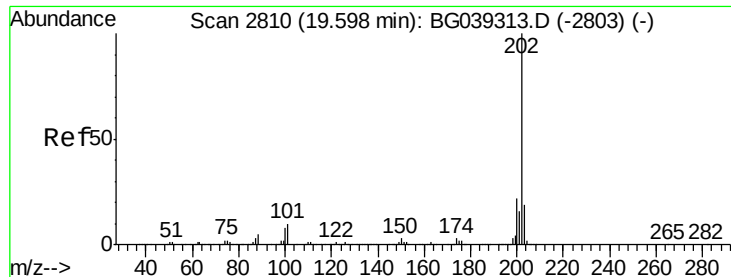
#74
 Di-n-butylphthalate
 Concen: 20.359 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BG039690.D
 Acq: 1 Mar 2019 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.7	11.5
104	5.6	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: 22.982 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039690.D

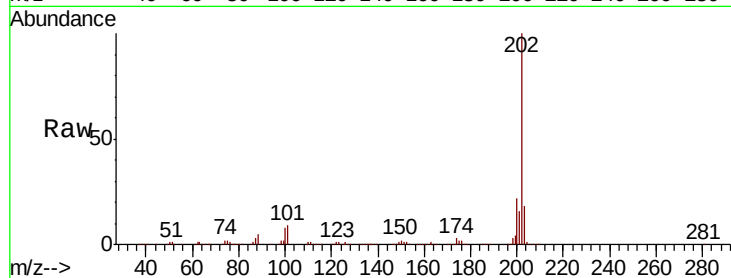
Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	795940
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.0
203	17.9	0.0	38.9

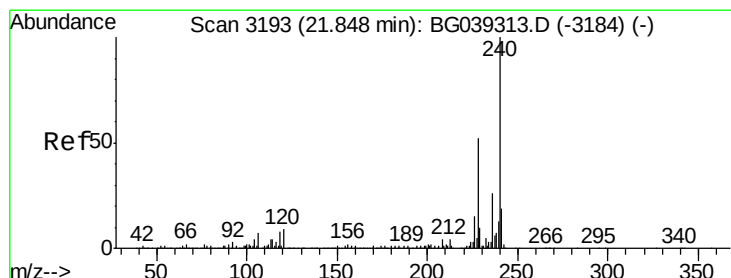
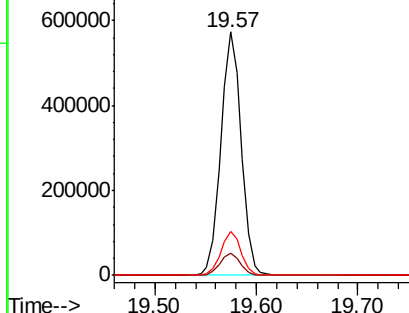
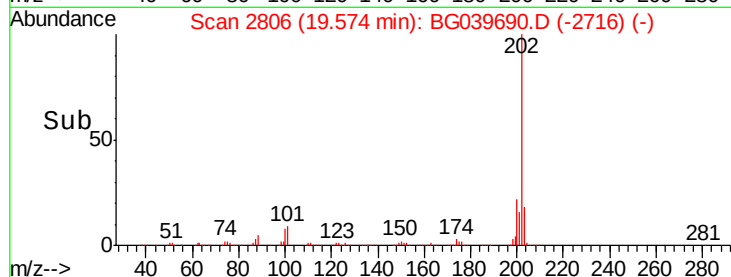


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

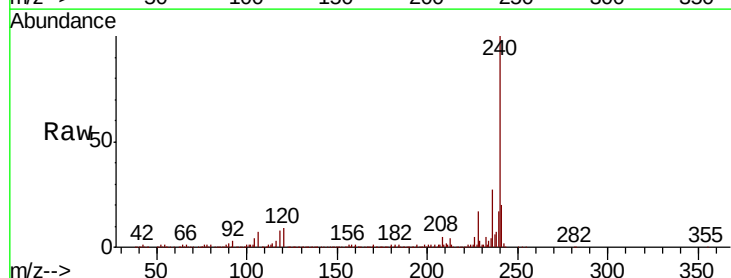
RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion:	240	Resp:	615488
Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.0	10.6
236	26.7	21.0	31.4

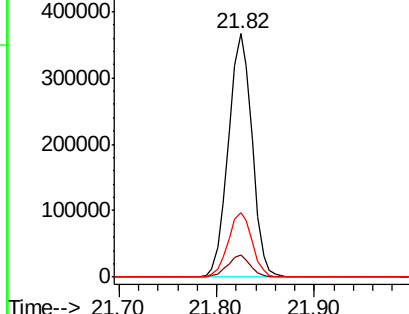
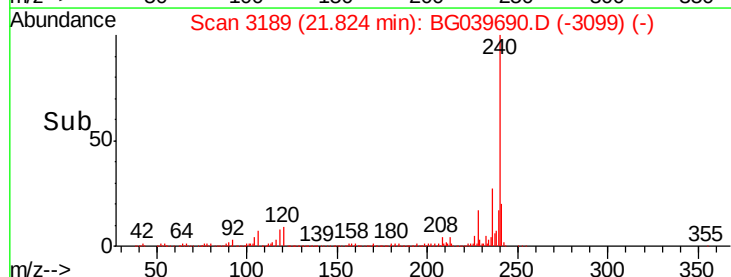


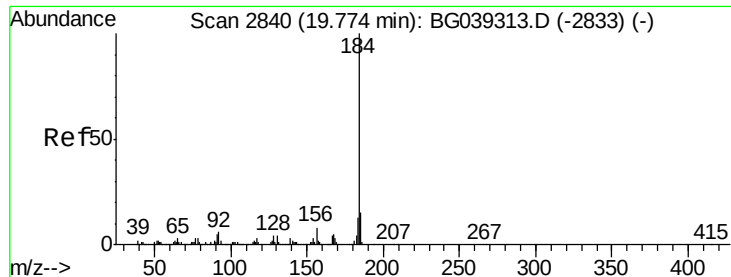
Abundance

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: 13.649 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampled :

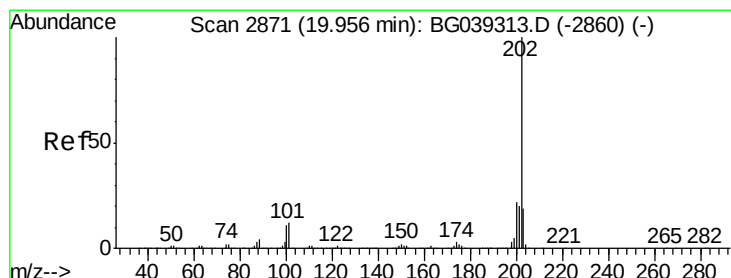
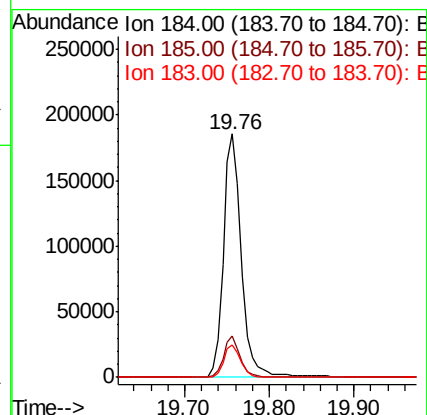
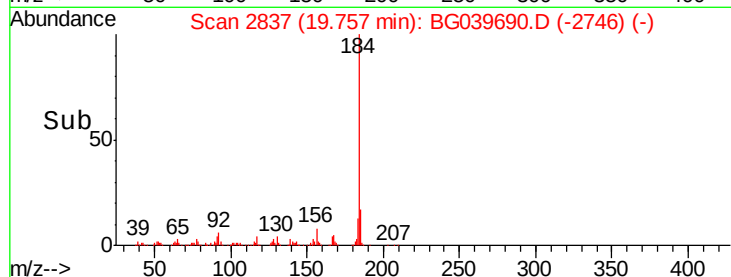
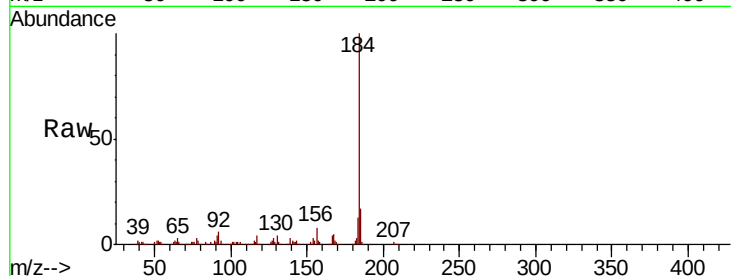
Tot Ion:184 Resp: 275416

Ion	Ratio	Lower	Upper
184	100		
185	17.2	12.2	18.2
183	13.2	10.6	15.8

184 100

185 17.2 12.2 18.2

183 13.2 10.6 15.8



#78

Pyrene

Concen: 21.000 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

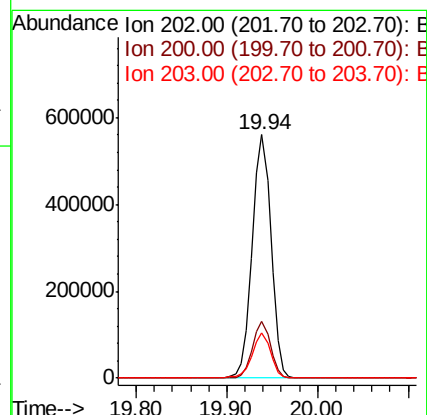
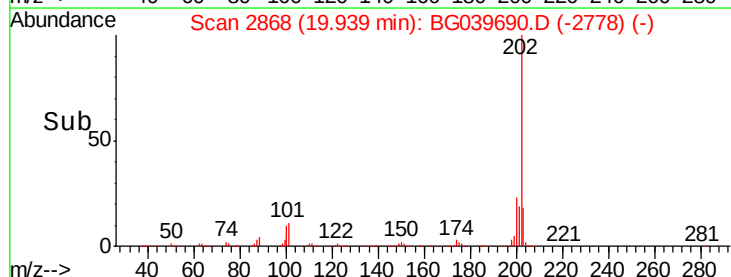
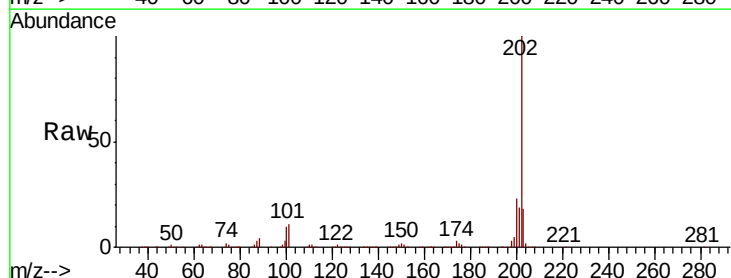
Tgt Ion:202 Resp: 804638

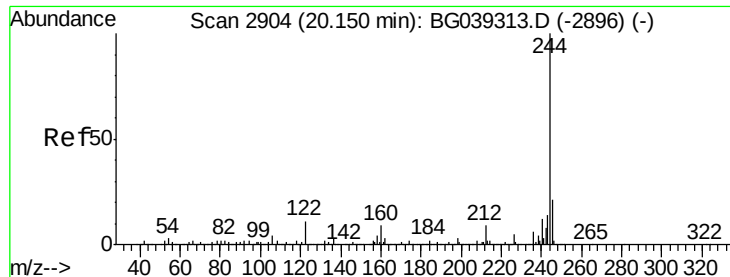
Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.8	26.8
203	18.3	15.3	22.9

202 100

200 23.1 17.8 26.8

203 18.3 15.3 22.9





#79

Terphenyl-d14

Concen: 58.876 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

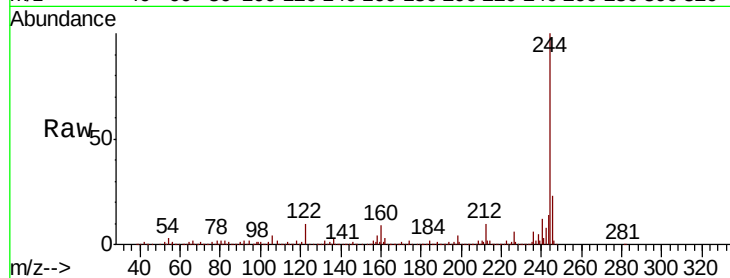
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1711992

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.3	10.9
122	10.3	8.4	12.6

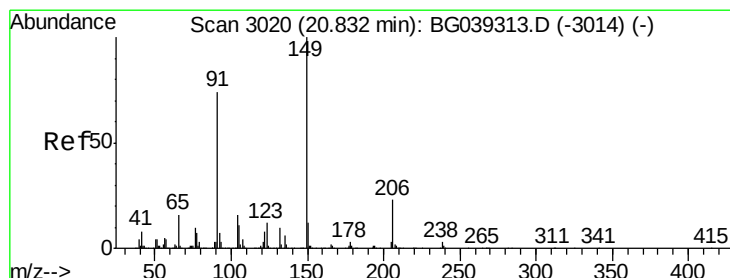
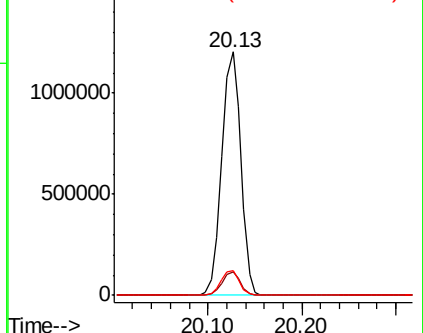
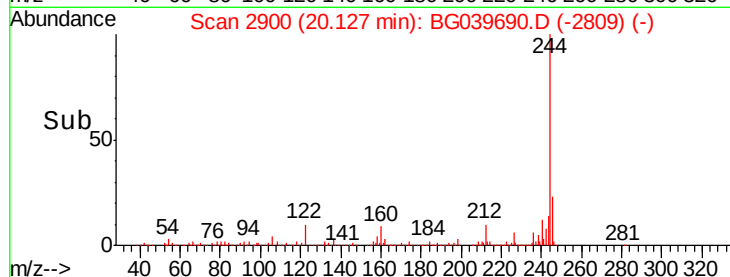


Abundance

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: 20.926 ng

RT: 20.80 min Scan# 3015

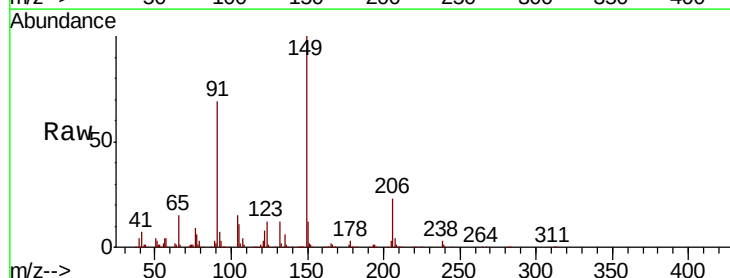
Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion:149 Resp: 338221

Ion	Ratio	Lower	Upper
149	100		
91	69.1	59.5	89.3
206	23.2	18.6	27.8

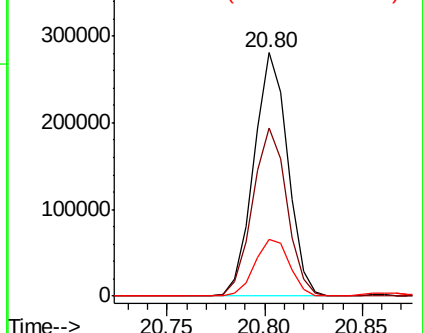
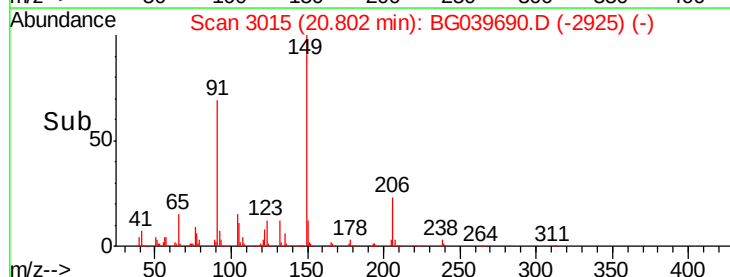


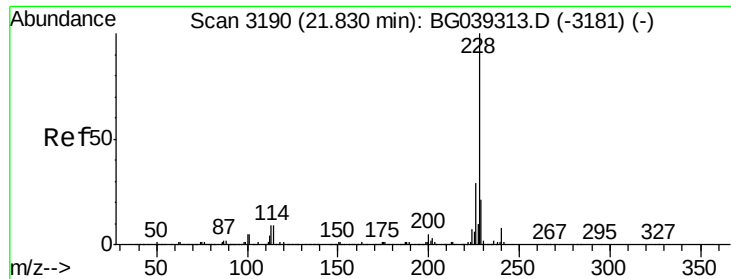
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 21.551 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

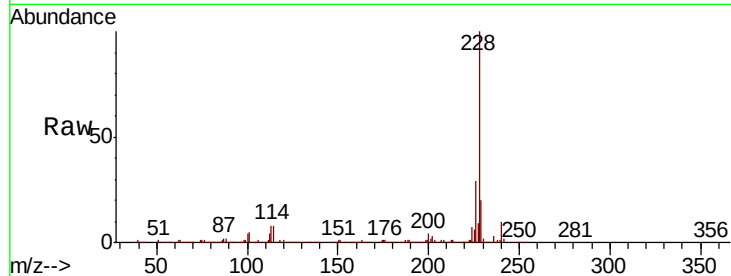
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 783773

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	19.9	16.9	25.3



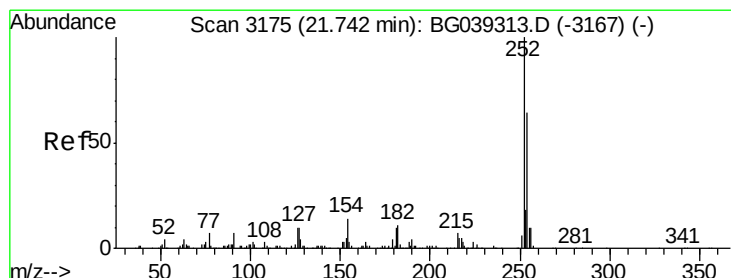
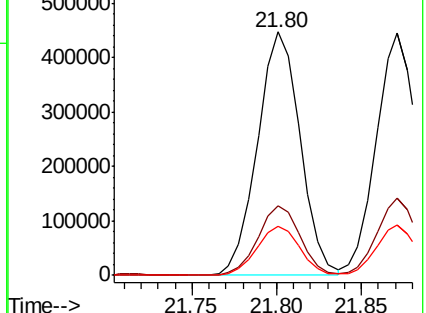
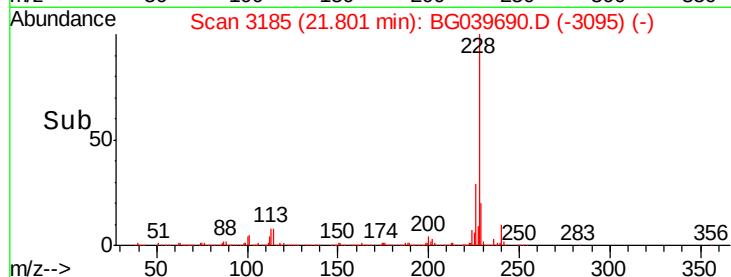
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#82

3,3'-Dichlorobenzidine

Concen: 13.114 ng

RT: 21.71 min Scan# 3170

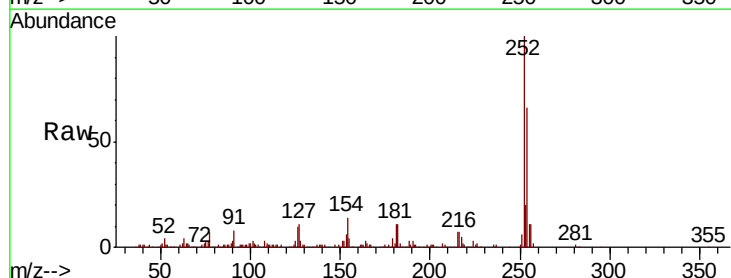
Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion:252 Resp: 176849

Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.3	76.9
126	10.3	8.0	12.0



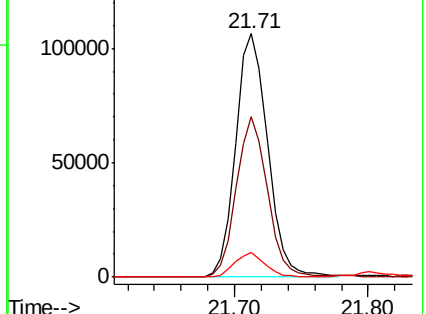
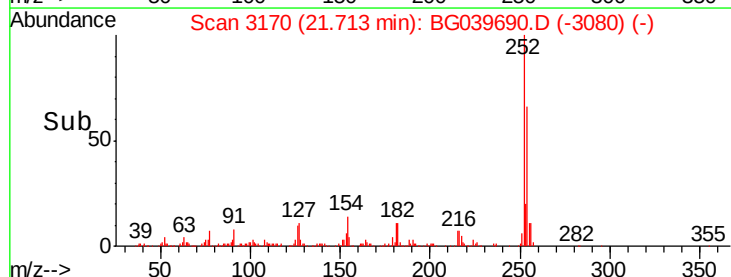
Abundance

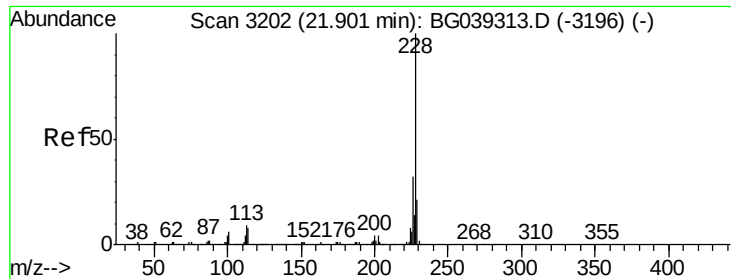
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->





#83

Chrysene

Concen: 21.731 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

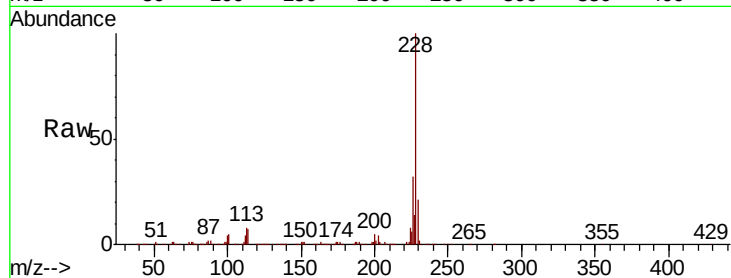
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 752341

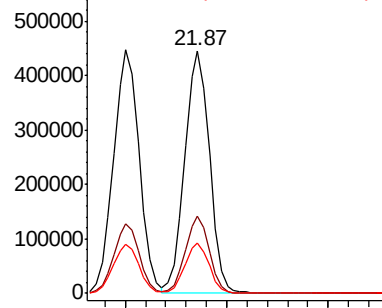
Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.8	38.6
229	21.0	16.6	25.0



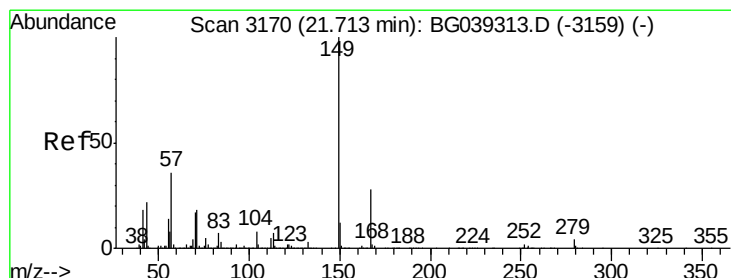
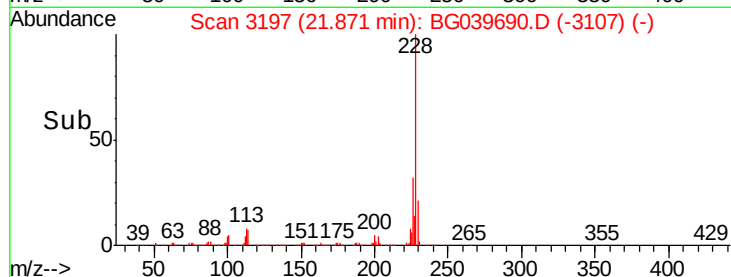
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.726 ng

RT: 21.67 min Scan# 3162

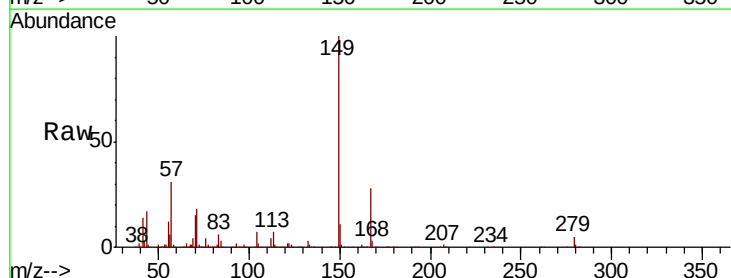
Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Tgt Ion:149 Resp: 477922

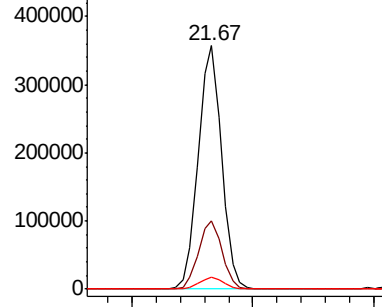
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	5.1	3.5	5.3



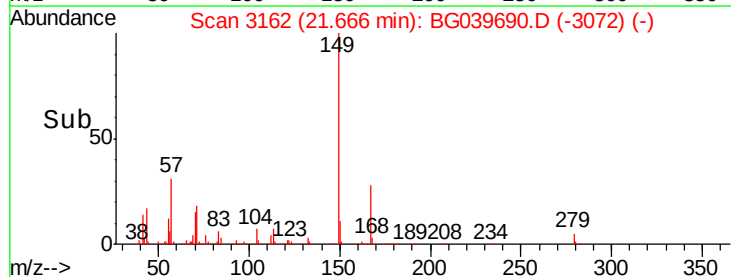
Abundance Ion 149.00 (148.70 to 149.70): E

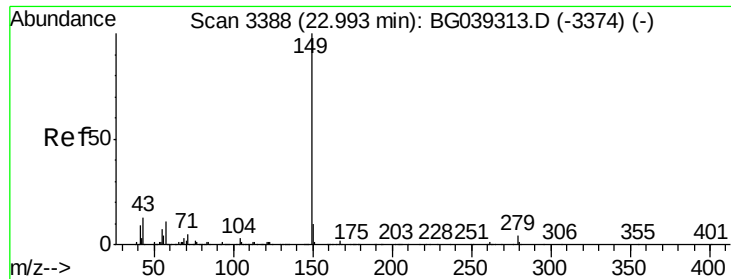
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 21.351 ng

RT: 22.92 min Scan# 3376

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

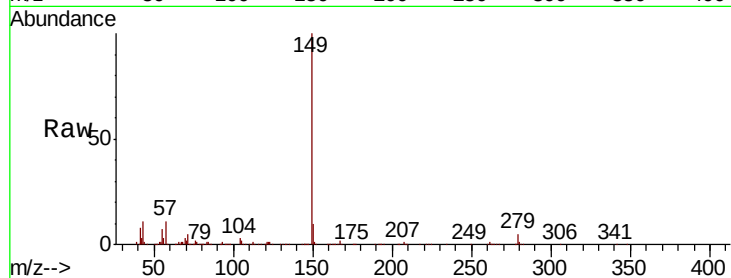
Tot Ion:149 Resp: 813359

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

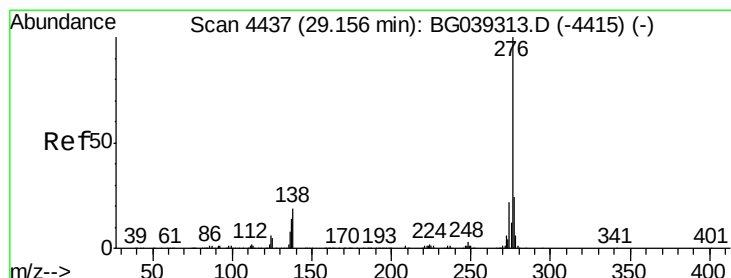
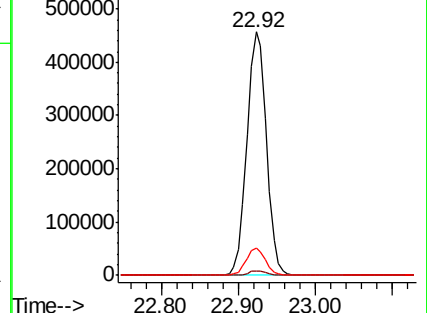
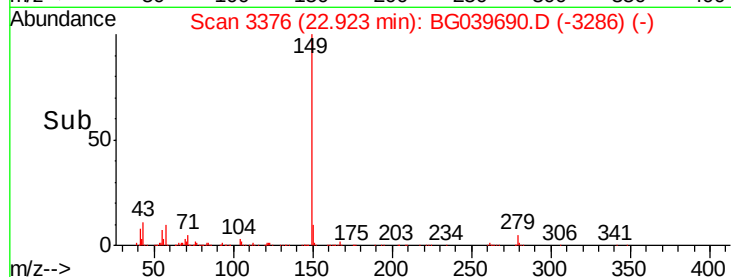
43 10.9 10.2 15.4



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: 23.000 ng

RT: 29.08 min Scan# 4424

Delta R.T. -0.01 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

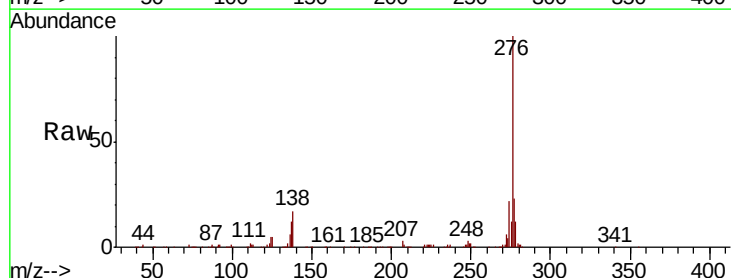
Tgt Ion:276 Resp: 854321

Ion Ratio Lower Upper

276 100

138 12.4 12.6 19.0#

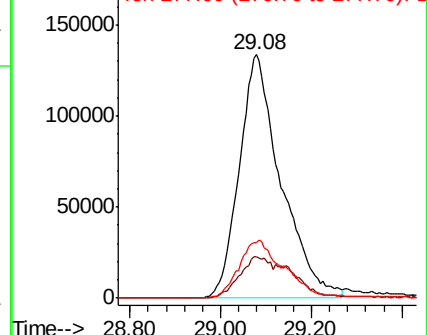
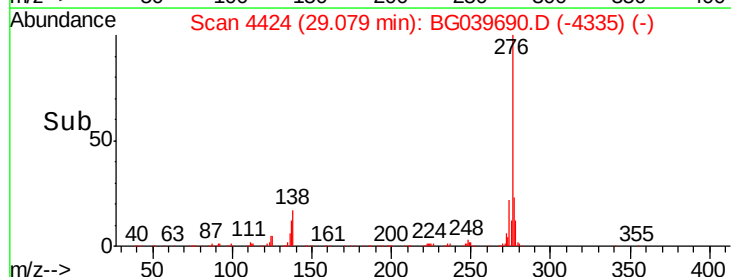
277 26.1 20.8 31.2

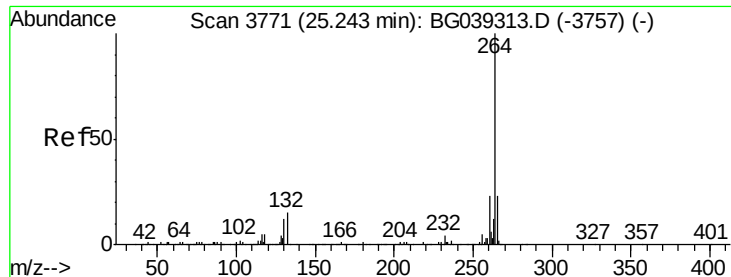


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



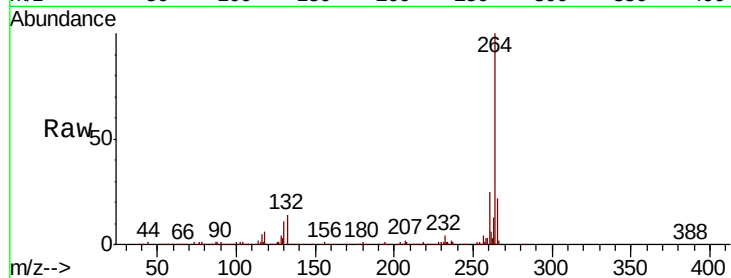


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3764
Delta R.T. 0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

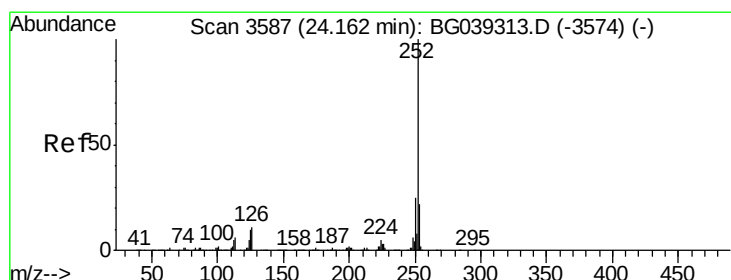
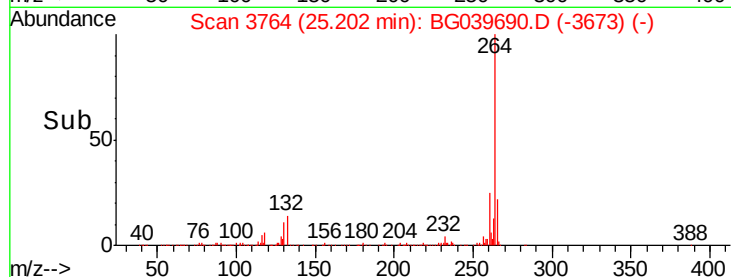
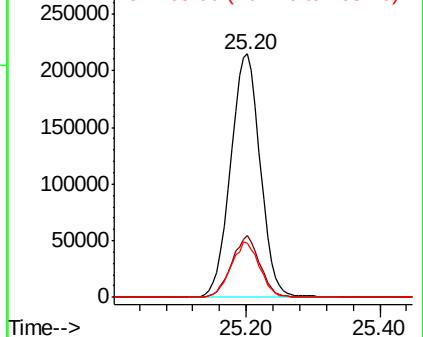
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 662980

Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.2	27.4
265	22.0	18.5	27.7



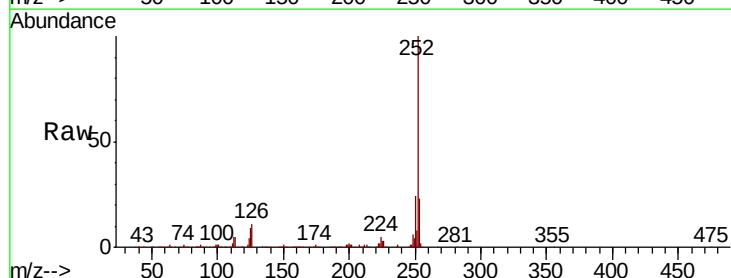
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



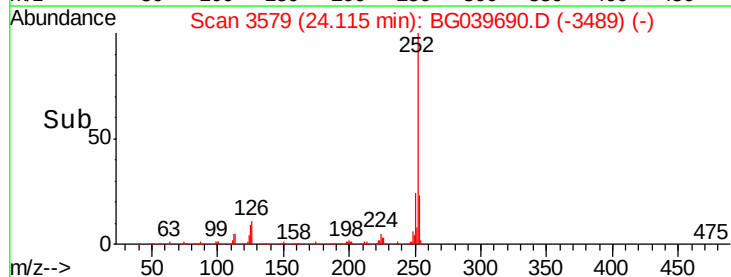
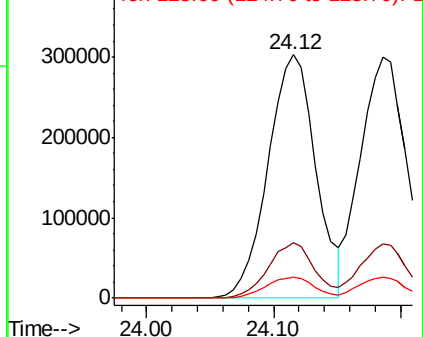
#88
Benzo(b)fluoranthene
Concen: 21.825 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

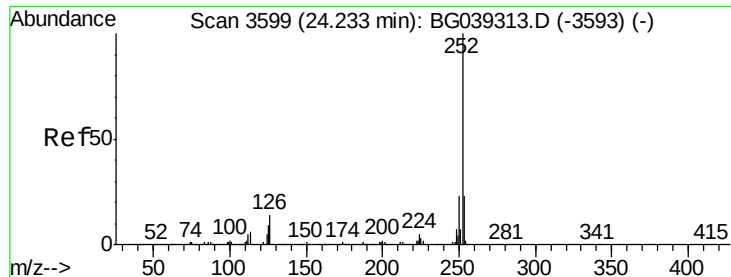
Tgt Ion:252 Resp: 789108

Ion	Ratio	Lower	Upper
252	100		
253	22.6	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

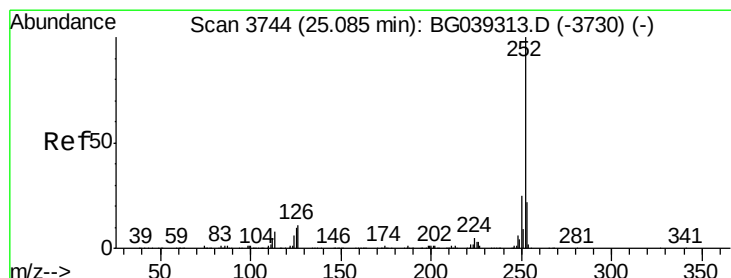
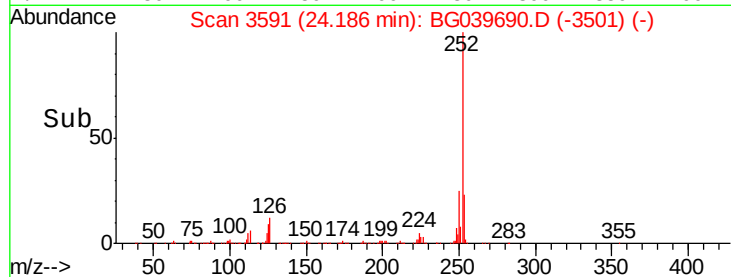
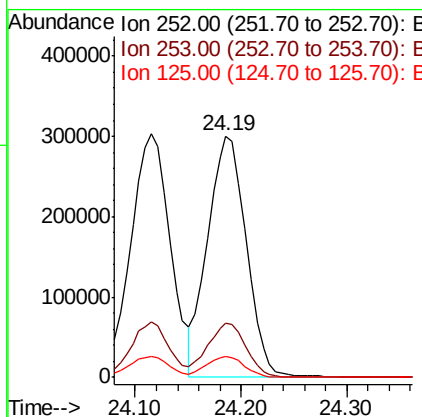
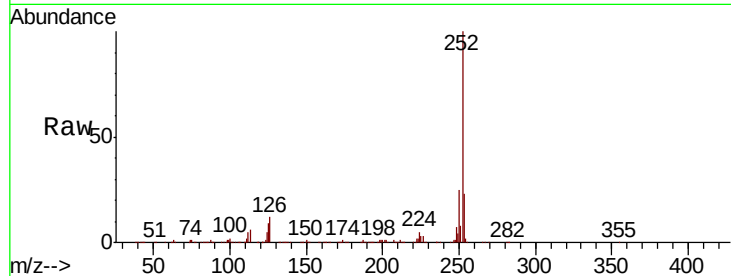




#89
Benzo(k)fluoranthene
Concen: 20.929 ng
RT: 24.19 min Scan# 3591
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

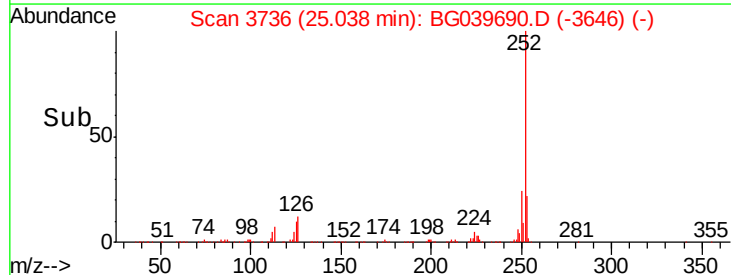
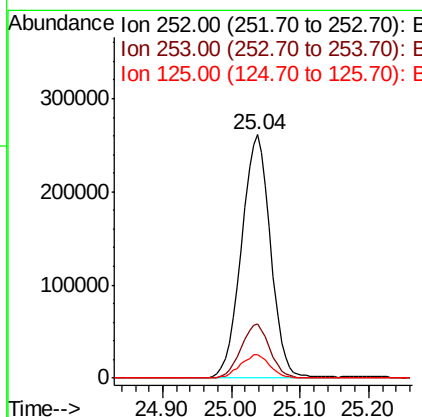
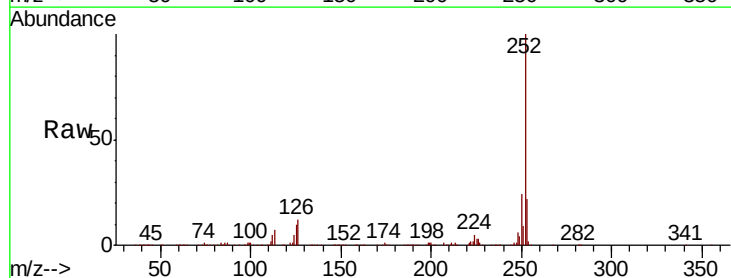
Instrument :
BNA_G
ClientSampleId :

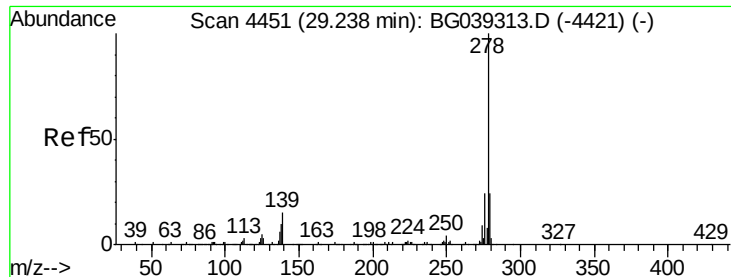
Tot Ion:252 Resp: 759720
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 8.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 22.118 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BG039690.D
Acq: 1 Mar 2019 12:43

Tgt Ion:252 Resp: 770176
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 21.621 ng

RT: 29.15 min Scan# 4436

Delta R.T. -0.00 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

Instrument :

BNA_G

ClientSampleId :

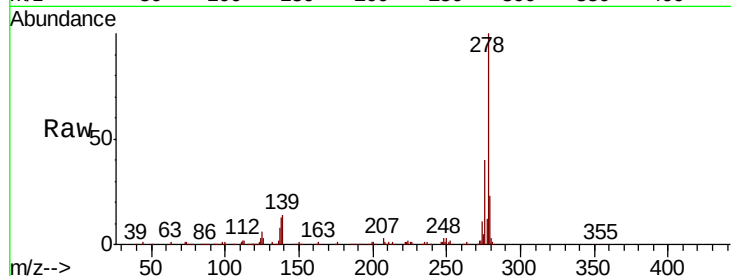
Tot Ion:278 Resp: 705058

Ion Ratio Lower Upper

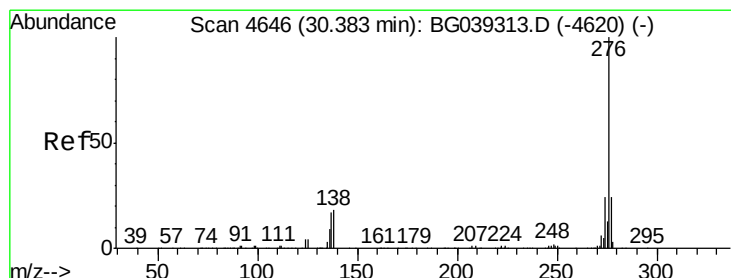
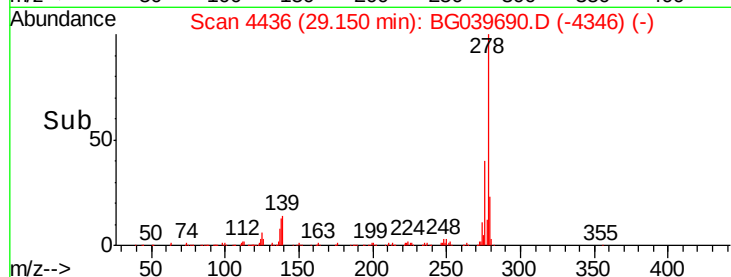
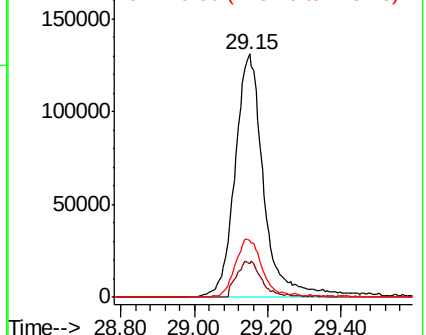
278 100

139 14.1 11.7 17.5

279 23.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 21.166 ng

RT: 30.30 min Scan# 4632

Delta R.T. -0.01 min

Lab File: BG039690.D

Acq: 1 Mar 2019 12:43

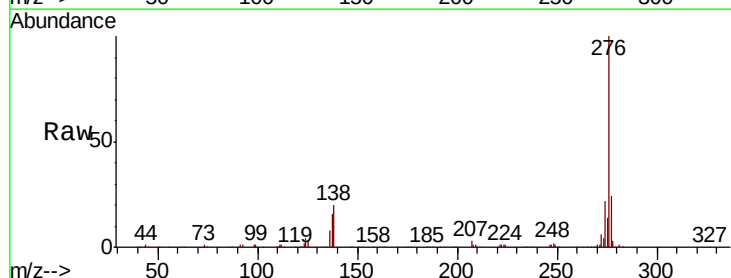
Tgt Ion:276 Resp: 687950

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 19.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

