

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
 Data File : BG040063.D
 Acq On : 21 Mar 2019 10:26
 Operator : JU/SJ
 Sample : PB118109BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Quant Time: Mar 21 12:03:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	44685	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	207226	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	144025	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	347093	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	337953	20.00	ng	-0.03
87) Perylene-d12	25.16	264	336027	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	408259	155.87	ng	-0.02
7) Phenol-d6	7.30	99	594342	152.18	ng	-0.01
23) Nitrobenzene-d5	9.33	82	364427	95.11	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	240312	143.15	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	873687	86.37	ng	-0.02
79) Terphenyl-d14	20.10	244	1338256	87.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	27977	23.136	ng	97
3) Pyridine	3.98	79	89479	27.640	ng	91
4) n-Nitrosodimethylamine	3.90	42	58909	38.358	ng	# 87
6) Aniline	7.47	93	136752	26.726	ng	99
8) 2-Chlorophenol	7.70	128	140274	44.144	ng	96
9) Benzaldehyde	7.28	77	70179	27.857	ng	97
10) Phenol	7.32	94	192910	45.596	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	136434	41.360	ng	99
12) 1,3-Dichlorobenzene	8.03	146	140178	39.005	ng	97
13) 1,4-Dichlorobenzene	8.18	146	145920	39.861	ng	98
14) 1,2-Dichlorobenzene	8.50	146	139722	39.504	ng	100
15) Benzyl Alcohol	8.39	79	136067	43.920	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.66	45	269055	40.782	ng	99
17) 2-Methylphenol	8.58	107	125213	46.413	ng	98
18) Hexachloroethane	9.23	117	53293	40.573	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	114249	40.642	ng	# 93
20) 3+4-Methylphenols	8.91	107	171316	45.711	ng	97
22) Acetophenone	8.97	105	217134	39.040	ng	# 96
24) Nitrobenzene	9.37	77	170300	42.368	ng	98
25) Isophorone	9.88	82	329271	41.014	ng	99
26) 2-Nitrophenol	10.07	139	85902	44.263	ng	95
27) 2,4-Dimethylphenol	10.12	122	144851	47.990	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	199600	40.911	ng	99
29) 2,4-Dichlorophenol	10.61	162	161952	47.656	ng	98
30) 1,2,4-Trichlorobenzene	10.82	180	158919	41.558	ng	99
31) Naphthalene	11.02	128	451855	41.184	ng	99
32) Benzoic acid	10.23	122	25362	17.154	ng	97
33) 4-Chloroaniline	11.13	127	64741	13.915	ng	98
34) Hexachlorobutadiene	11.28	225	107428	41.111	ng	97
35) Caprolactam	11.92	113	54350	41.867	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	174913	44.900	ng	95
37) 2-Methylnaphthalene	12.61	142	350812	42.767	ng	98
38) 1-Methylnaphthalene	12.83	142	332891	41.760	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	196770	40.328	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	241632	92.410	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	138051	48.328	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	148074	45.988	ng	99
46) 1,1'-Biphenyl	13.61	154	476780	40.249	ng	99
47) 2-Chloronaphthalene	13.65	162	374015	41.970	ng	99
48) 2-Nitroaniline	13.87	65	129184	45.108	ng	98
49) Acenaphthylene	14.50	152	597993	40.877	ng	98
50) Dimethylphthalate	14.22	163	500560	41.564	ng	100
51) 2,6-Dinitrotoluene	14.35	165	113279	44.369	ng	93
52) Acenaphthene	14.84	154	363810	41.319	ng	98
53) 3-Nitroaniline	14.69	138	59676	23.253	ng	# 87
54) 2,4-Dinitrophenol	14.89	184	24607	19.535	ng	94
55) Dibenzofuran	15.17	168	599059	41.468	ng	98
56) 4-Nitrophenol	14.99	139	178274	77.651	ng	92
57) 2,4-Dinitrotoluene	15.14	165	158646	44.223	ng	89
58) Fluorene	15.82	166	477304	42.028	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	138124	43.925	ng	99
60) Diethylphthalate	15.57	149	513042	43.033	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	252183	41.613	ng	97
62) 4-Nitroaniline	15.85	138	118513	42.596	ng	92
63) Azobenzene	16.09	77	463692	42.907	ng	98
65) 4,6-Dinitro-2-methylphenol	15.89	198	33162	16.159	ng	97
66) n-Nitrosodiphenylamine	16.02	169	439090	43.697	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	165765	42.666	ng	97
68) Hexachlorobenzene	16.81	284	171160	42.501	ng	98
69) Atrazine	16.96	200	162186	41.011	ng	94
70) Pentachlorophenol	17.16	266	136778	53.778	ng	98
71) Phenanthrene	17.56	178	794760	41.571	ng	99
72) Anthracene	17.65	178	804590	43.187	ng	98
73) Carbazole	17.93	167	697525	41.530	ng	100
74) Di-n-butylphthalate	18.45	149	847939	42.909	ng	99
75) Fluoranthene	19.56	202	930028	41.162	ng	100
77) Benzidine	19.74	184	219863	20.501	ng	99
78) Pyrene	19.92	202	933915	42.527	ng	99
80) Butylbenzylphthalate	20.79	149	393371	46.235	ng	94
81) Benzo(a)anthracene	21.78	228	910197	42.973	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	166534	21.536	ng	98
83) Chrysene	21.85	228	851682	41.477	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	543614	45.469	ng	98
85) Di-n-octyl phthalate	22.89	149	935118	47.237	ng	95
86) Indeno(1,2,3-cd)pyrene	29.04	276	1040201	44.654	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	897277	44.779	ng	99
89) Benzo(k)fluoranthene	24.16	252	858753	46.040	ng	98
90) Benzo(a)pyrene	25.00	252	875630	47.290	ng	99
91) Dibenzo(a,h)anthracene	29.09	278	836610	46.088	ng	99
92) Benzo(g,h,i)perylene	30.26	276	861118	47.234	ng	96

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

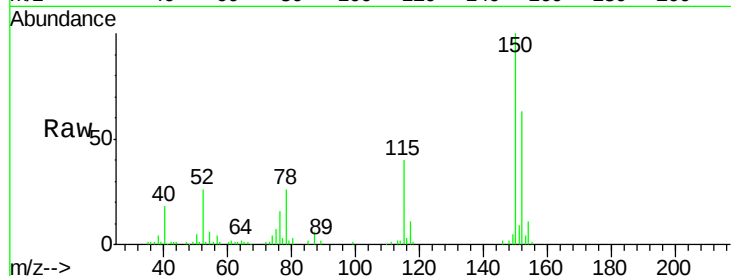


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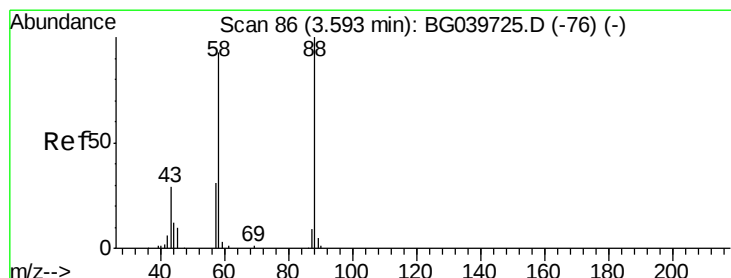
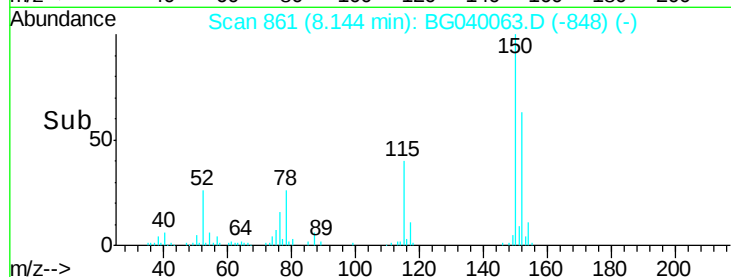
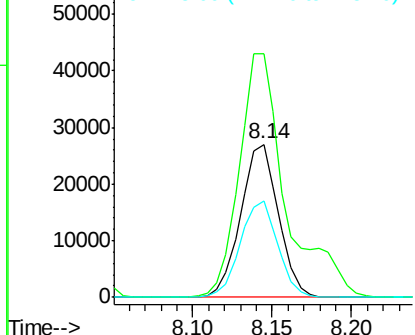
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 861
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:152 Resp: 44685
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 63.1 45.9 68.9



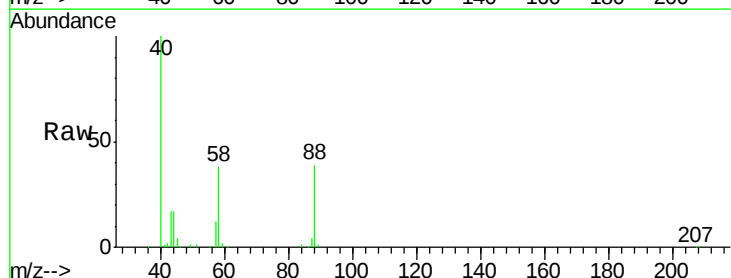
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



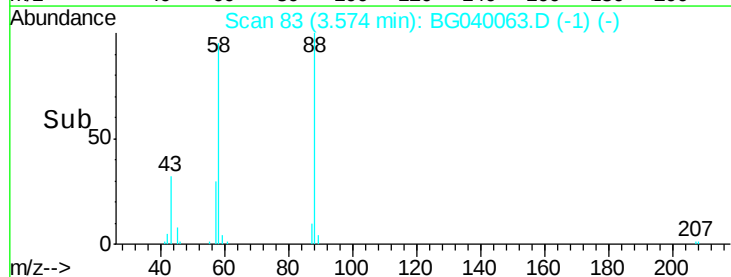
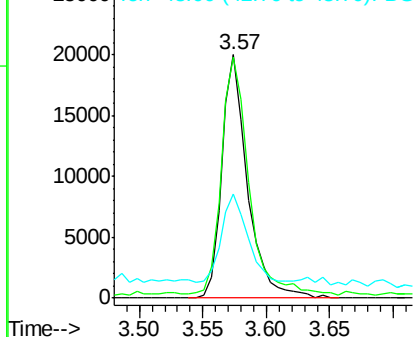
#2

1,4-Dioxane
Concen: 23.136 ng
RT: 3.57 min Scan# 83
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion: 88 Resp: 27977
Ion Ratio Lower Upper
88 100
58 104.4 81.1 121.7
43 37.2 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.640 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

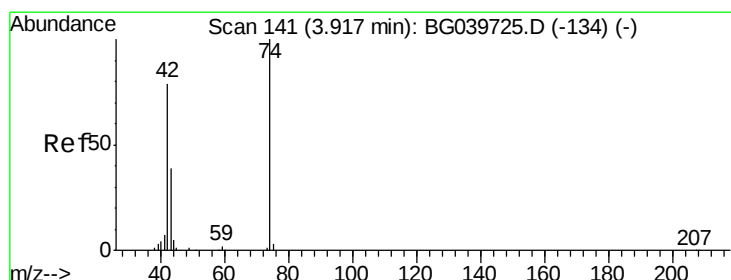
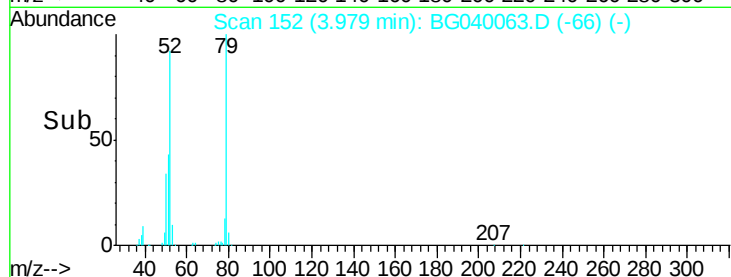
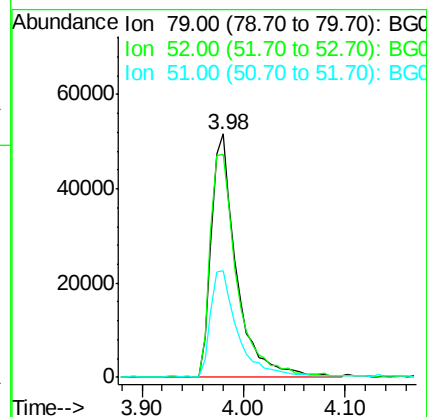
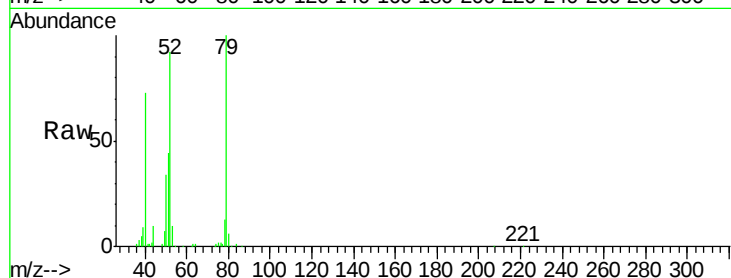
Tgt Ion: 79 Resp: 89479

Ion Ratio Lower Upper

79 100

52 91.6 82.6 124.0

51 43.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.358 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

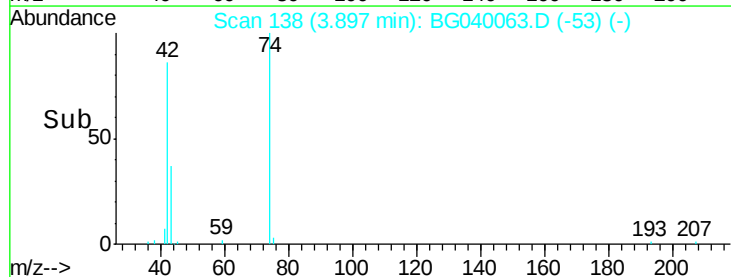
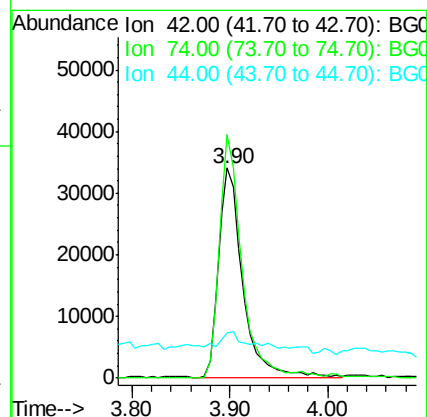
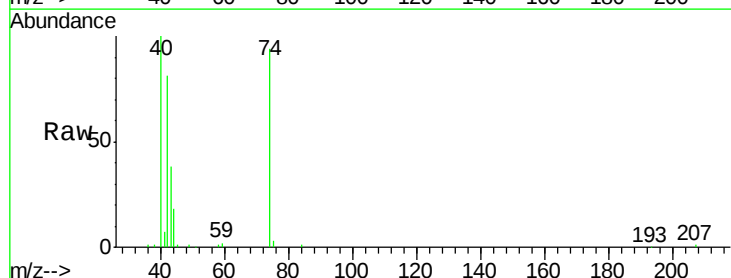
Tgt Ion: 42 Resp: 58909

Ion Ratio Lower Upper

42 100

74 115.9 83.6 125.4

44 21.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 155.867 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

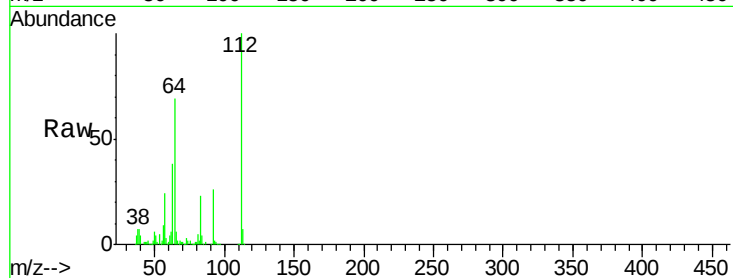
Tgt Ion: 112 Resp: 408259

Ion Ratio Lower Upper

112 100

64 68.8 57.8 86.8

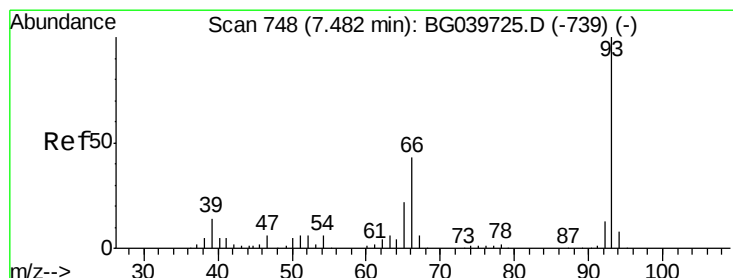
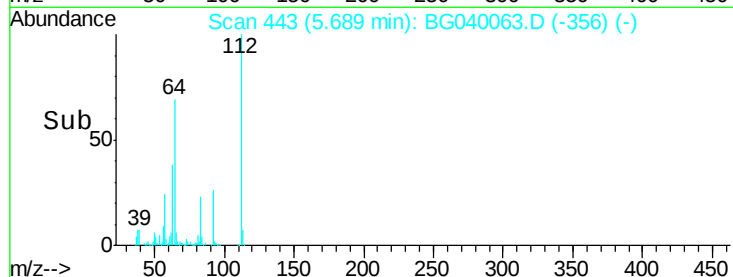
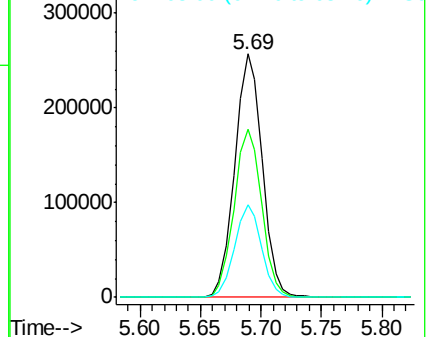
63 37.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.726 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

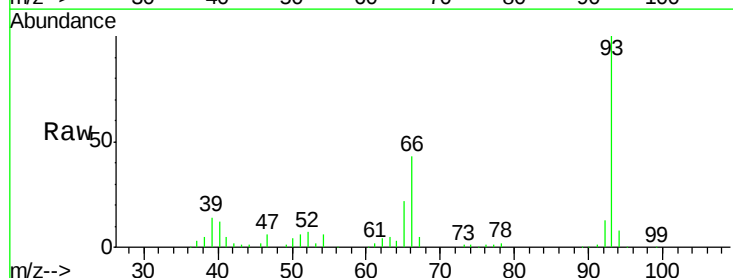
Tgt Ion: 93 Resp: 136752

Ion Ratio Lower Upper

93 100

66 43.4 34.2 51.4

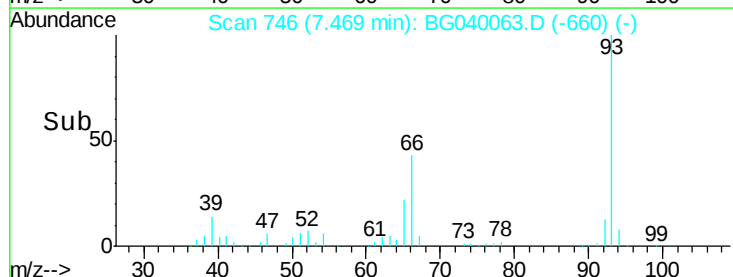
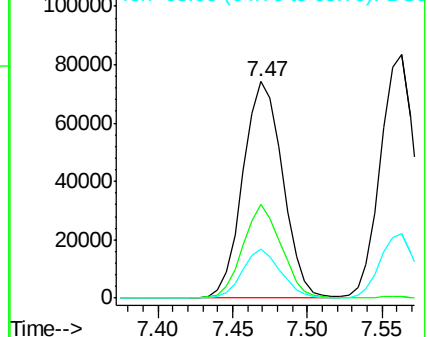
65 22.4 17.7 26.5

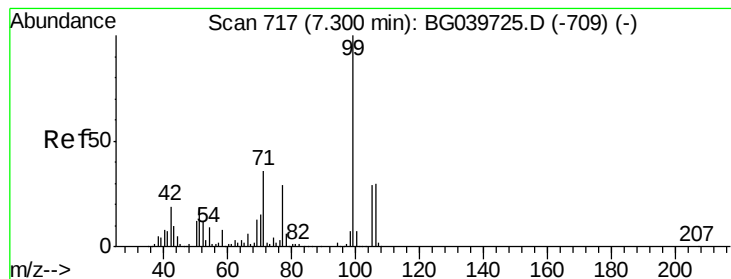


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.181 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

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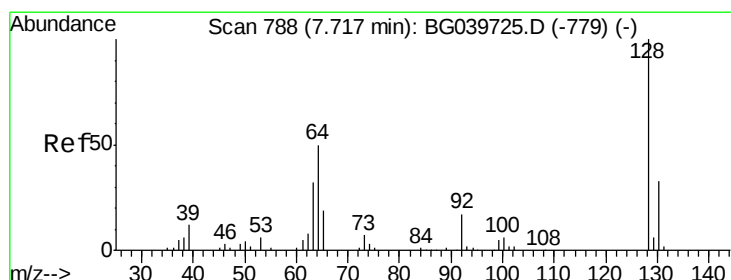
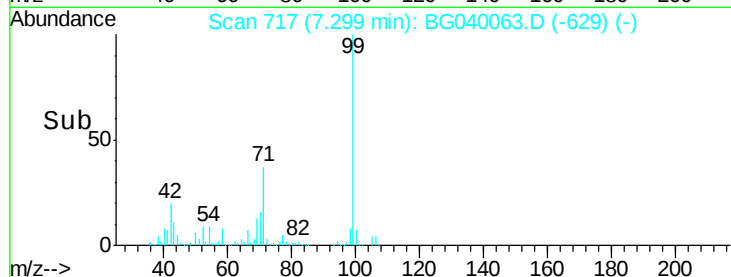
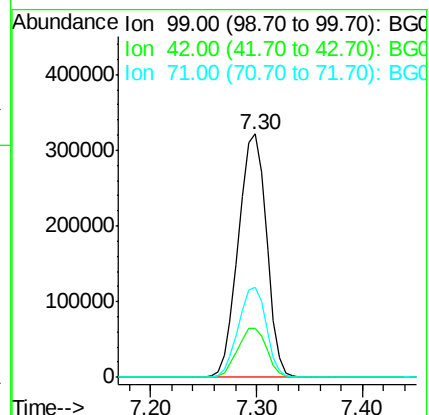
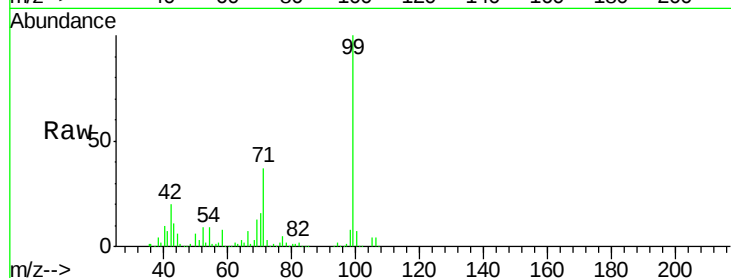
Tgt Ion: 99 Resp: 594342

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.2

71 36.8 28.0 42.0



#8

2-Chlorophenol

Concen: 44.144 ng

RT: 7.70 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

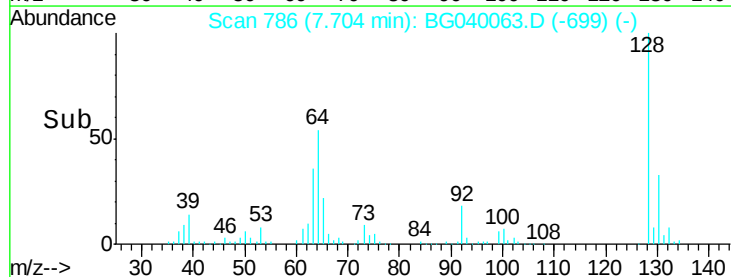
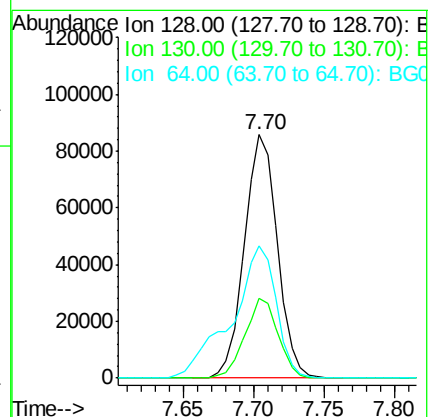
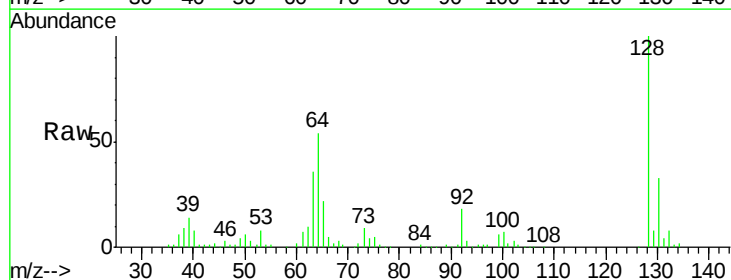
Tgt Ion: 128 Resp: 140274

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 54.4 38.7 78.7





#9

Benzaldehyde

Concen: 27.857 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

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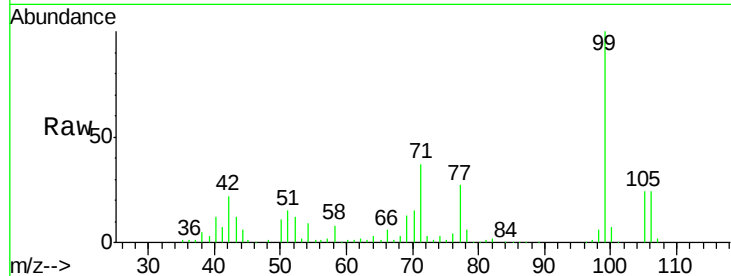
Tgt Ion: 77 Resp: 70179

Ion Ratio Lower Upper

77 100

105 90.7 74.5 114.5

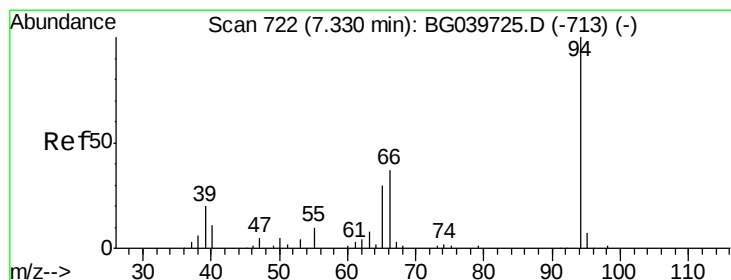
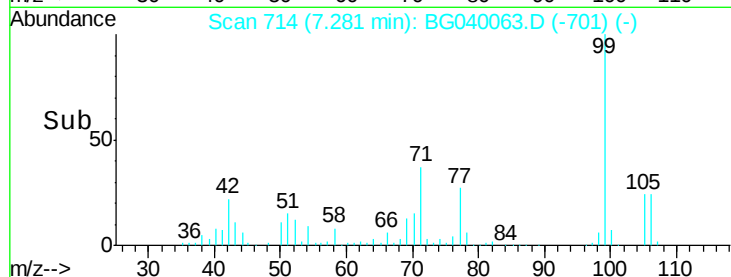
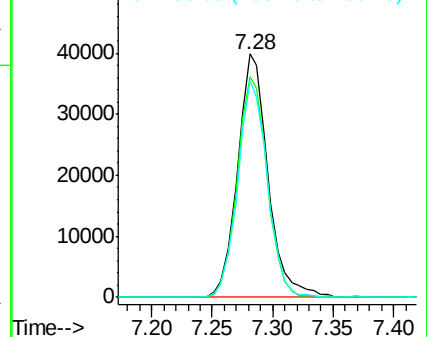
106 89.1 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.596 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

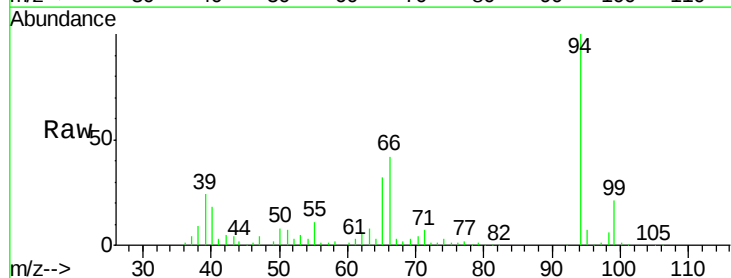
Tgt Ion: 94 Resp: 192910

Ion Ratio Lower Upper

94 100

65 31.7 11.7 51.7

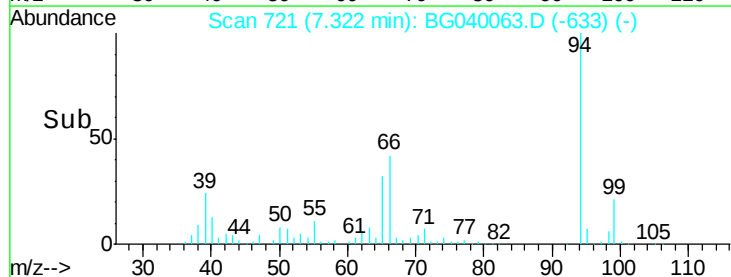
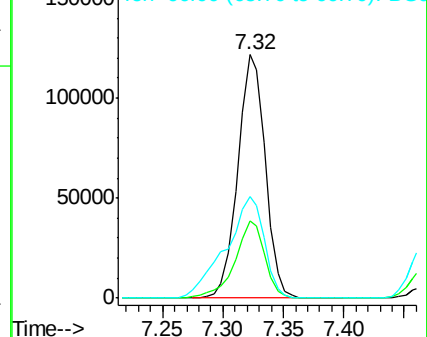
66 41.9 23.7 63.7

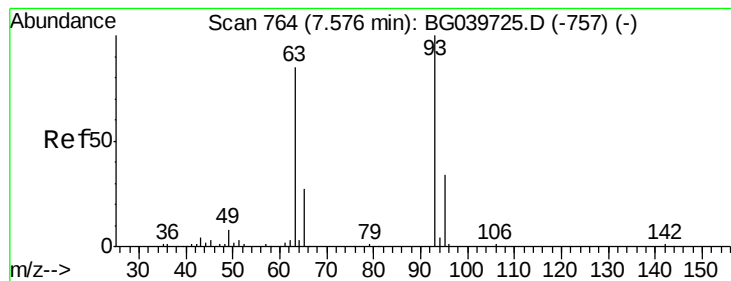


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.360 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG040063.D

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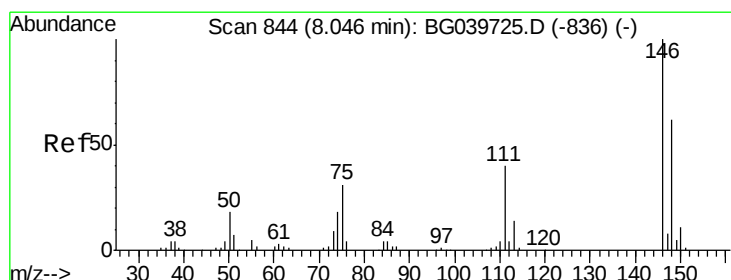
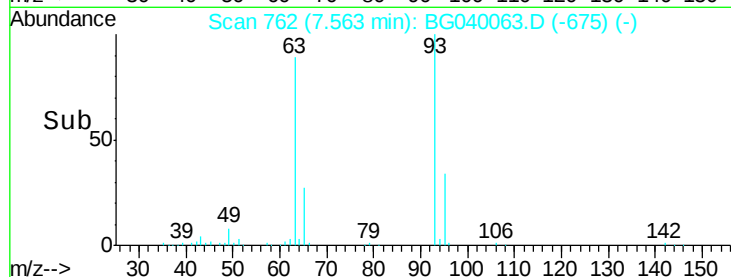
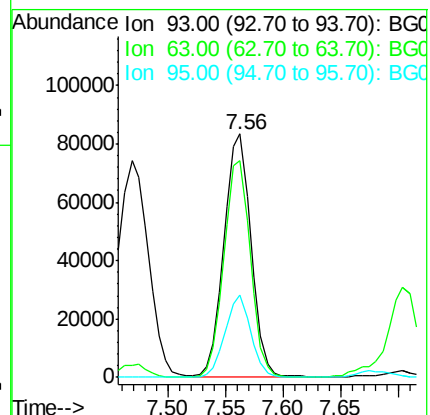
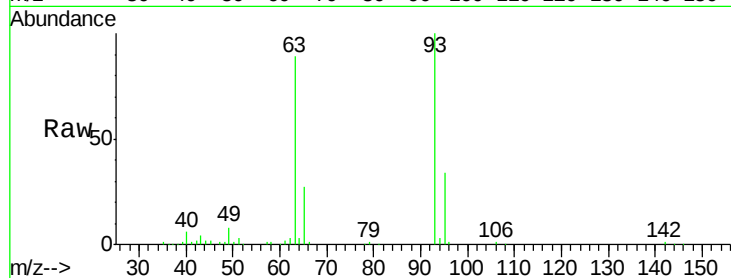
Tgt Ion: 93 Resp: 136434

Ion Ratio Lower Upper

93 100

63 89.1 69.5 109.5

95 33.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.005 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

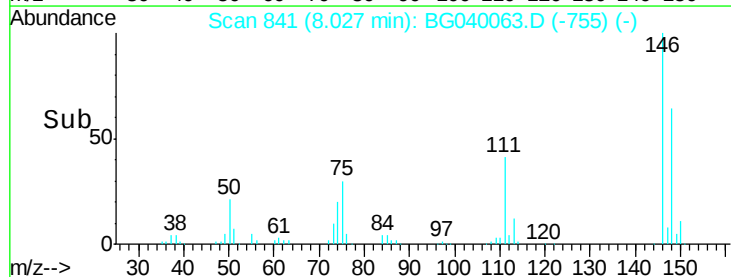
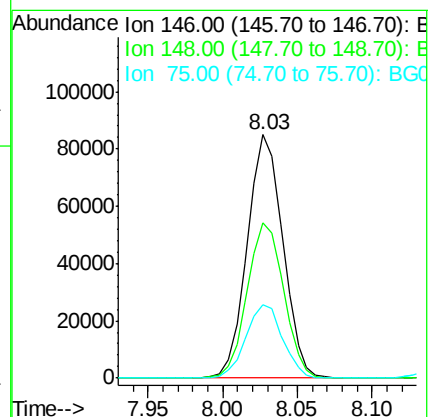
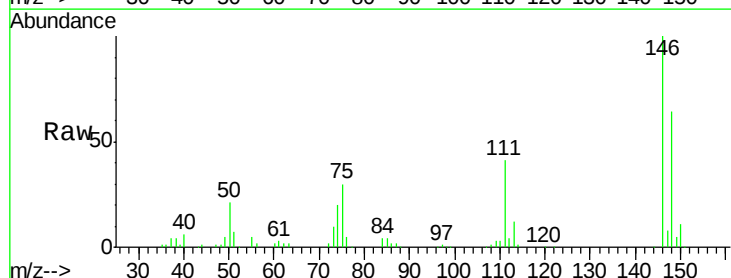
Tgt Ion: 146 Resp: 140178

Ion Ratio Lower Upper

146 100

148 63.7 52.6 79.0

75 29.9 25.8 38.6

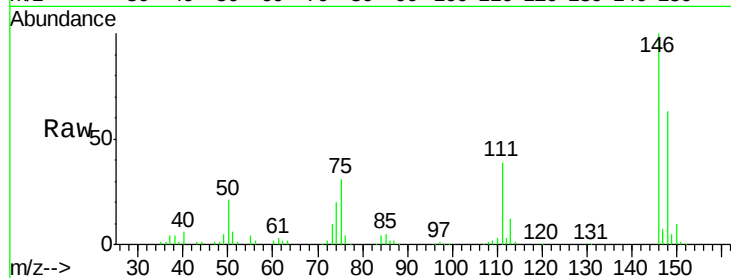




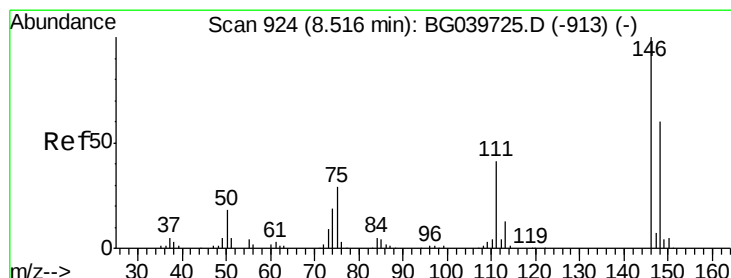
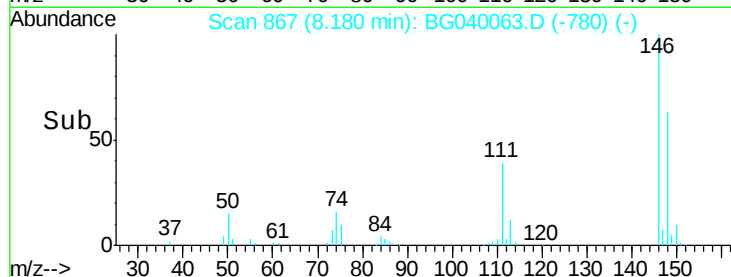
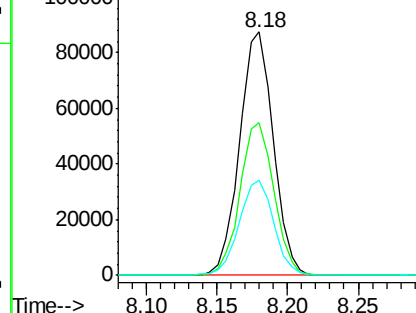
#13
 1,4-Dichlorobenzene
 Concen: 39.861 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion:146 Resp: 145920
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 39.1 32.6 48.8

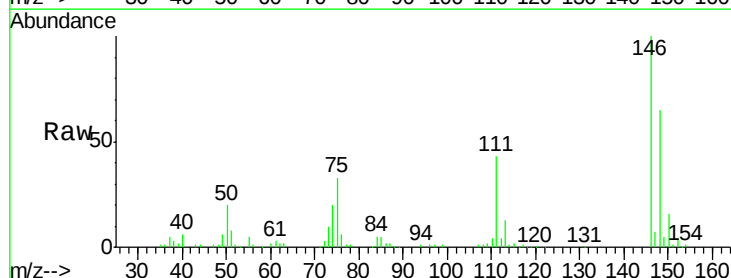


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

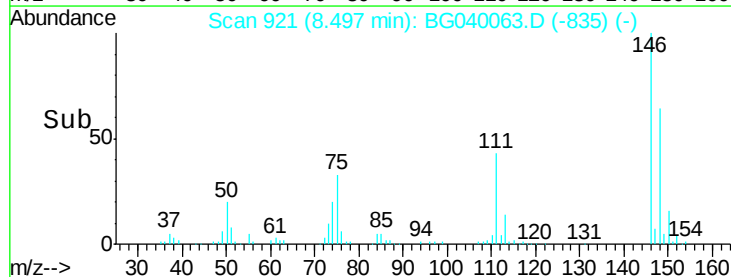
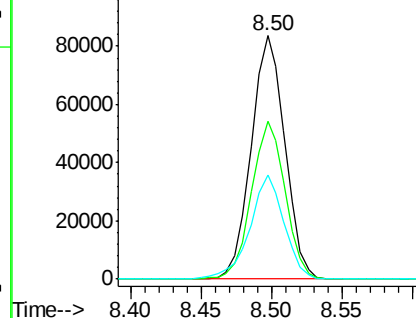


#14
 1,2-Dichlorobenzene
 Concen: 39.504 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.03 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:146 Resp: 139722
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.5 77.3
 111 42.6 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 43.920 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

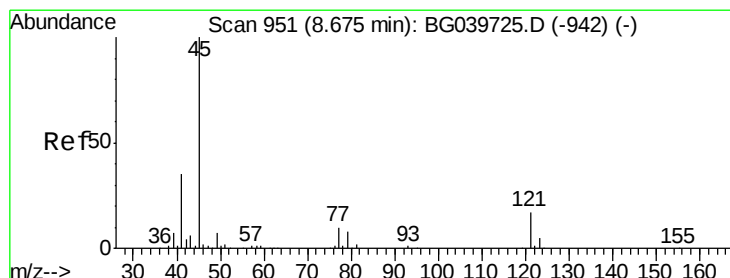
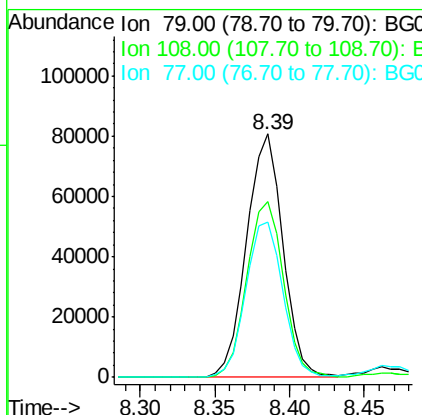
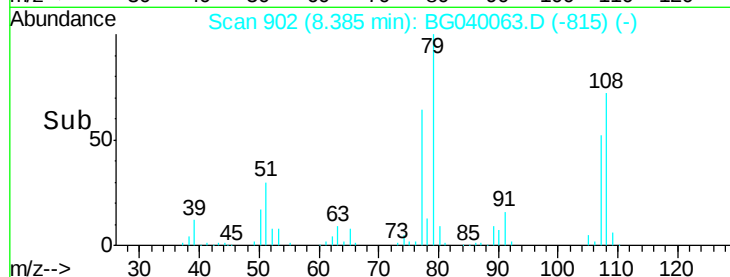
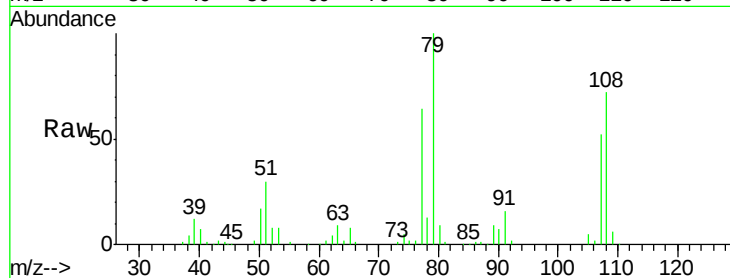
Tgt Ion: 79 Resp: 136067

Ion Ratio Lower Upper

79 100

108 72.3 57.8 86.6

77 63.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.782 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

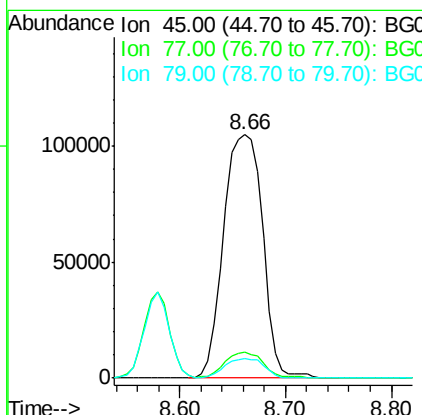
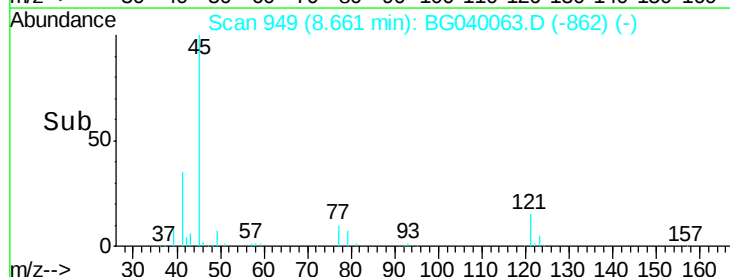
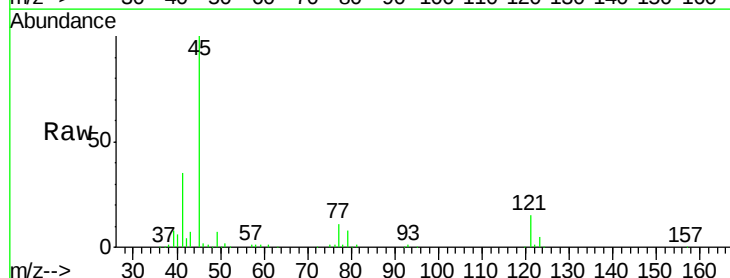
Tgt Ion: 45 Resp: 269055

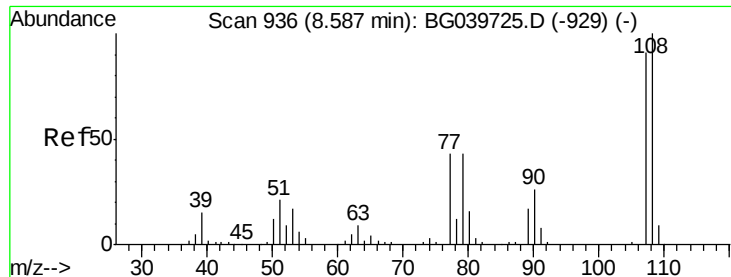
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.0

79 7.9 0.0 27.5

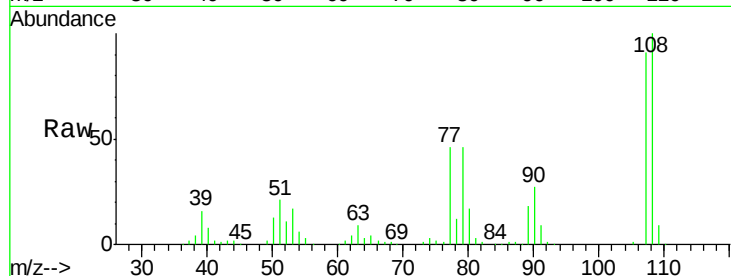




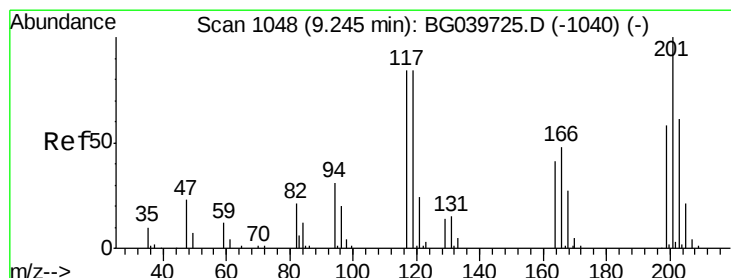
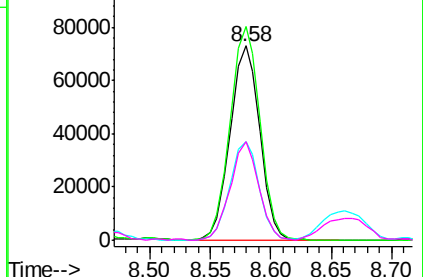
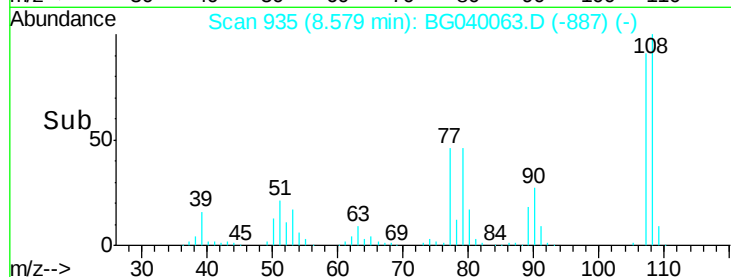
#17
2-Methylphenol
Concen: 46.413 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:107 Resp: 125213
Ion Ratio Lower Upper
107 100
108 110.0 90.8 136.2
77 50.6 40.7 61.1
79 50.5 40.6 60.8

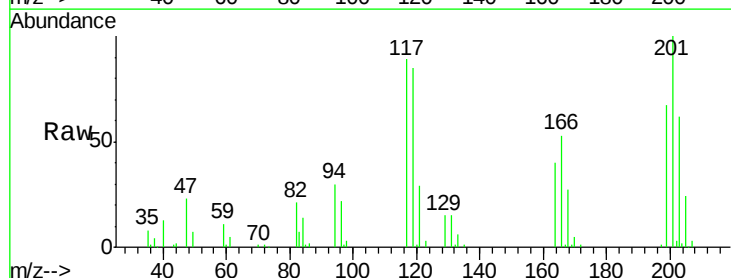


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

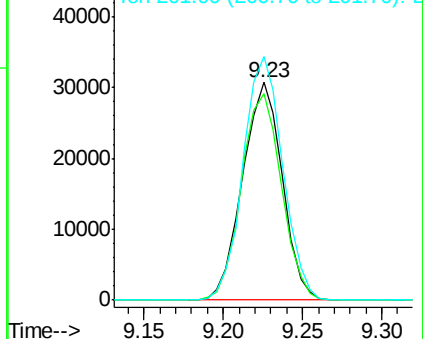
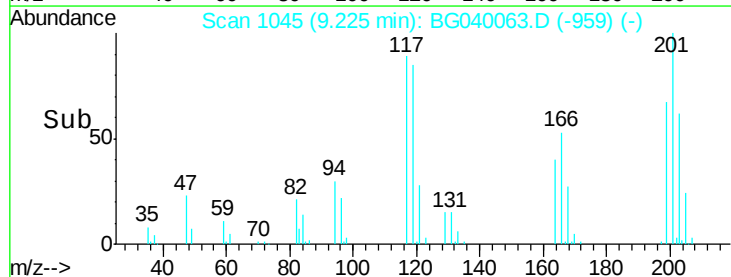


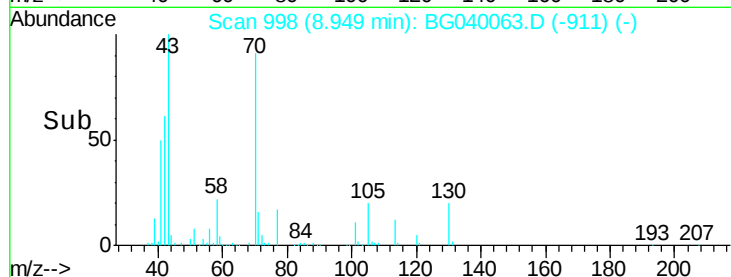
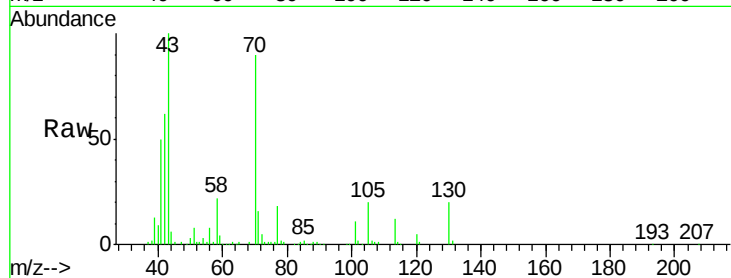
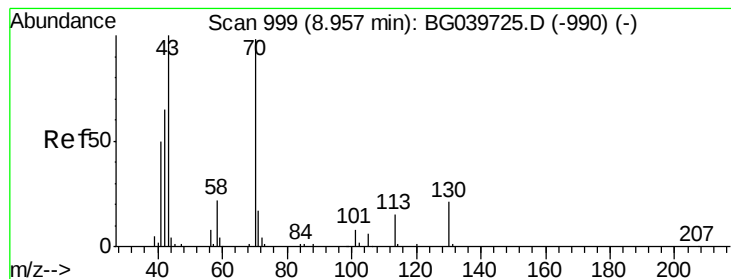
#18
Hexachloroethane
Concen: 40.573 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:117 Resp: 53293
Ion Ratio Lower Upper
117 100
119 95.0 76.3 114.5
201 111.9 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.642 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

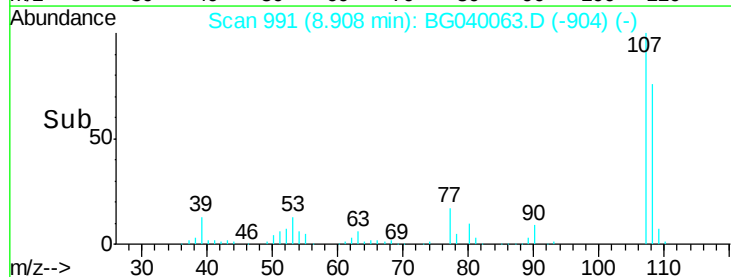
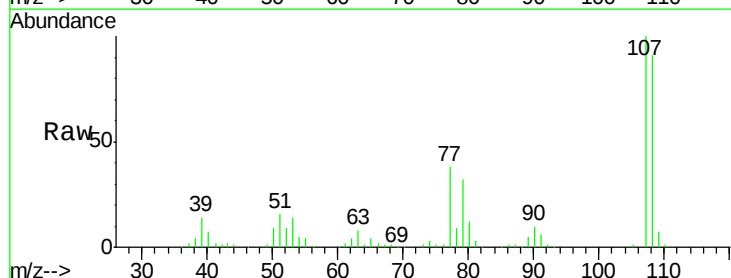
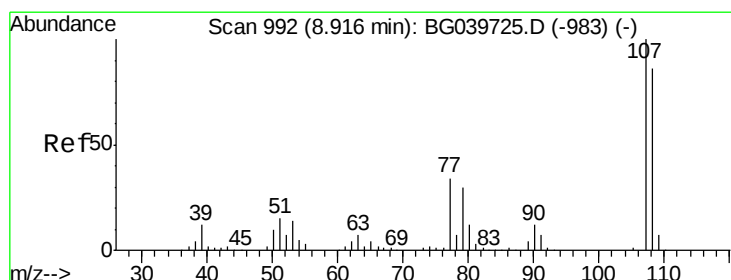
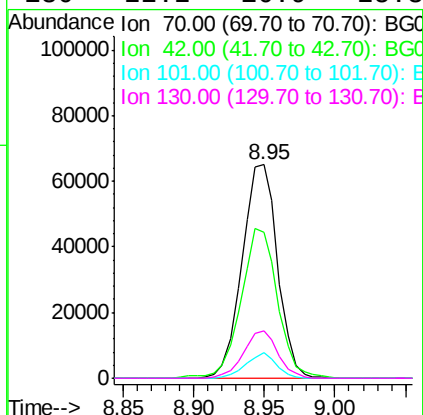
ClientSampleId :

PB118109BS

Tgt Ion: 70 Resp: 114249

Ion Ratio Lower Upper

70	100		
42	68.3	60.4	90.6
101	11.7	7.5	11.3#
130	22.2	16.9	25.3



#20

3+4-Methylphenols

Concen: 45.711 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

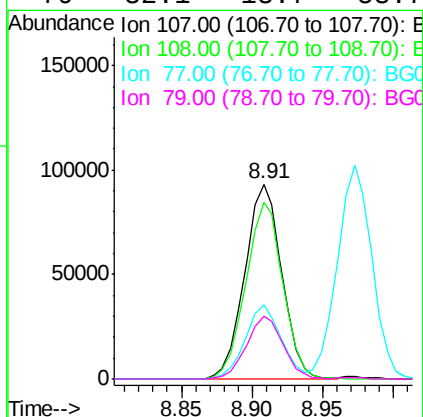
Lab File: BG040063.D

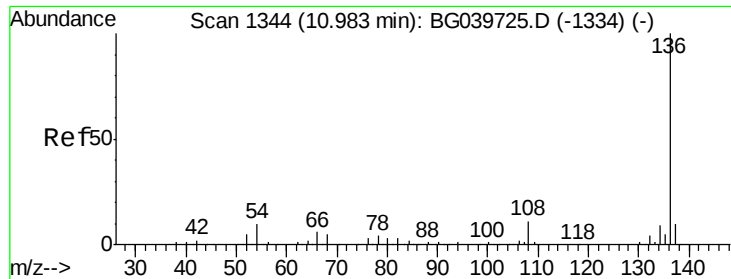
Acq: 21 Mar 2019 10:26

Tgt Ion: 107 Resp: 171316

Ion Ratio Lower Upper

107	100		
108	90.7	67.9	107.9
77	38.0	15.4	55.4
79	32.1	13.7	53.7

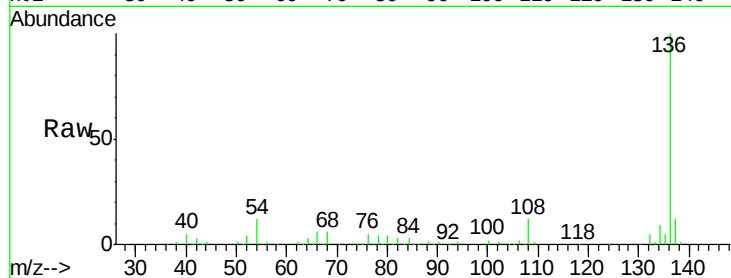




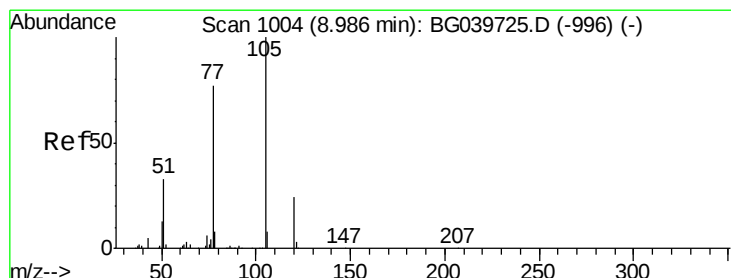
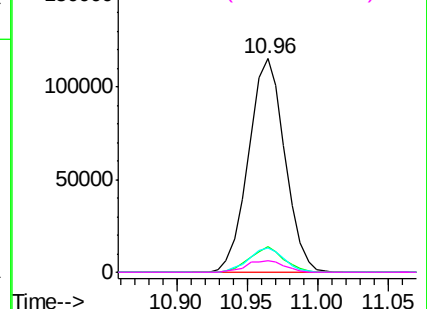
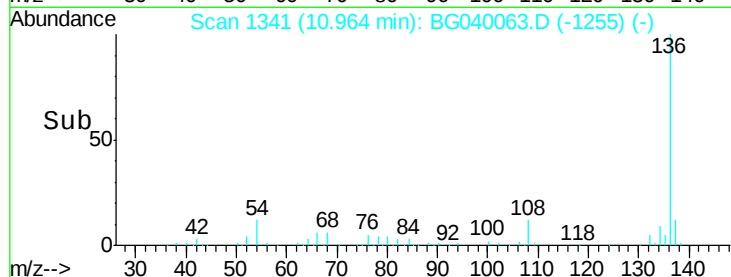
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:	136	Resp:	207226
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	11.6	9.4	14.2
68	5.5	4.2	6.4

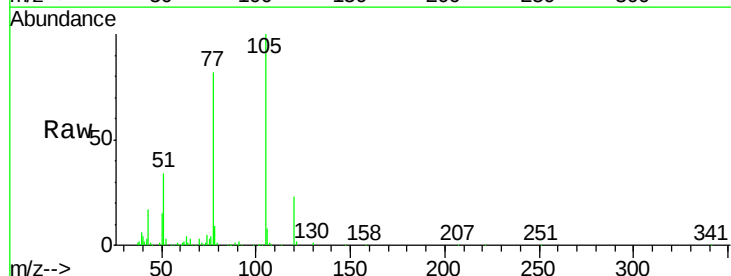


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

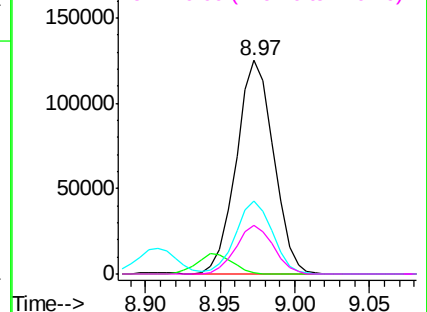
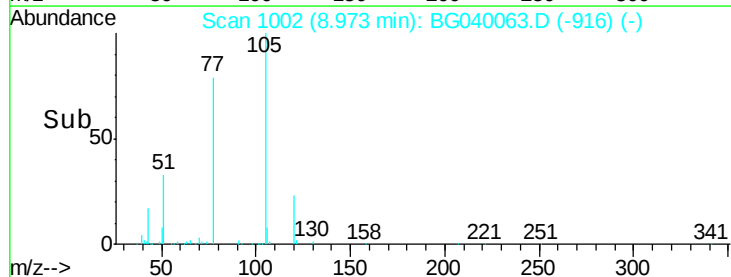


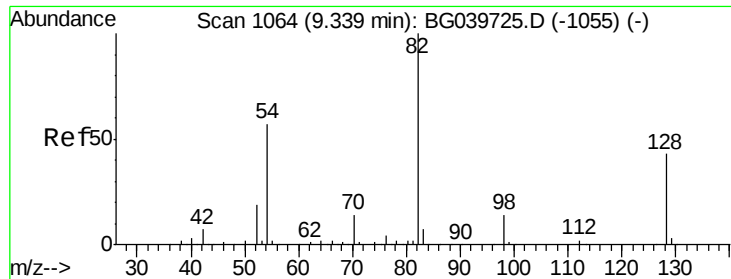
#22
Acetophenone
Concen: 39.040 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:	105	Resp:	217134
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	34.4	30.2	45.2
120	23.1	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

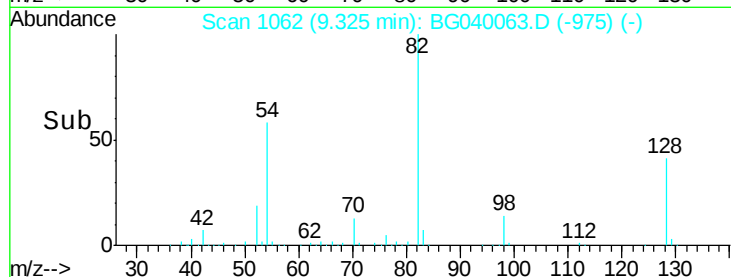
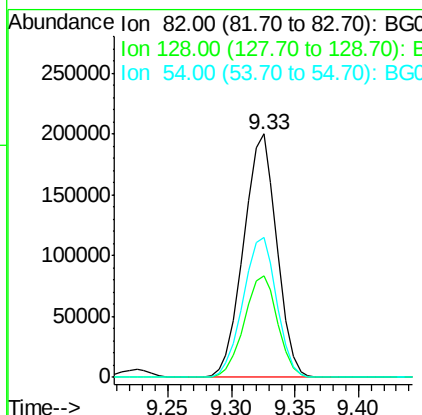
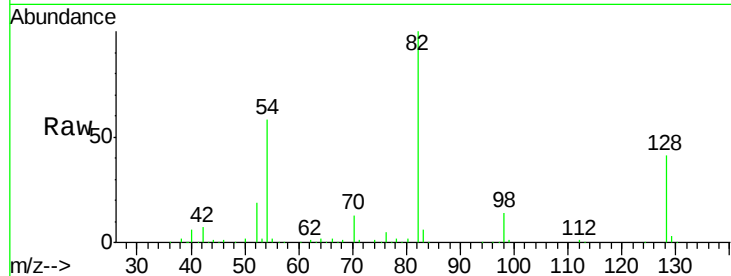




#23
Nitrobenzene-d5
Concen: 95.112 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

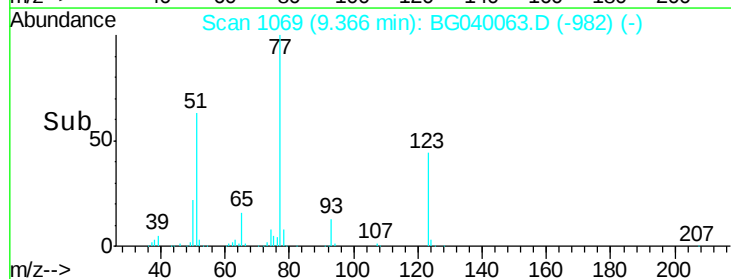
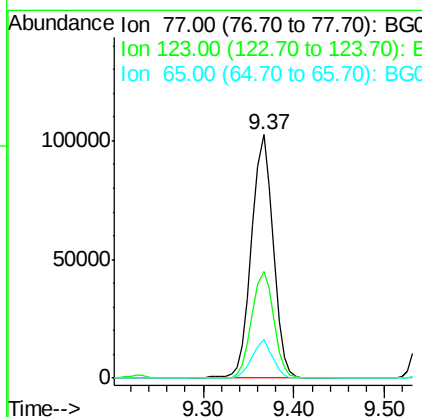
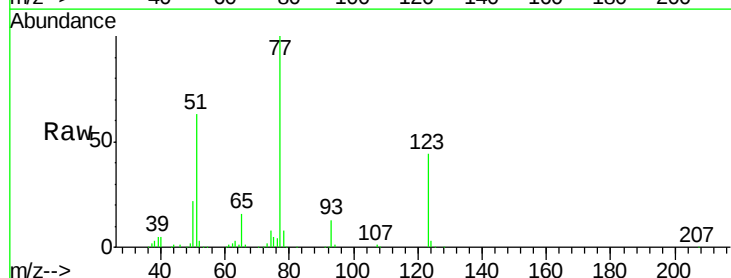
Instrument :
BNA_G
ClientSampleId :
PB118109BS

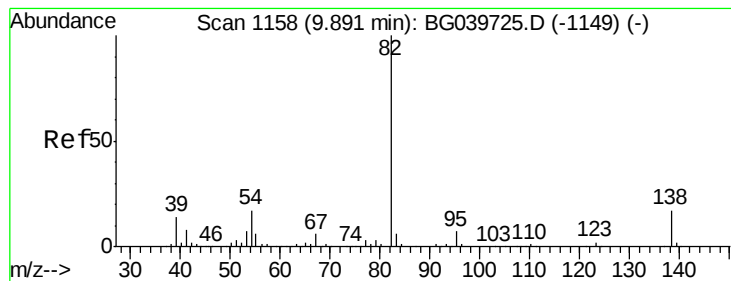
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.3	46.9
54	57.6	50.9	76.3



#24
Nitrobenzene
Concen: 42.368 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	34.1	51.1
65	15.8	12.3	18.5





#25

Isophorone

Concen: 41.014 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

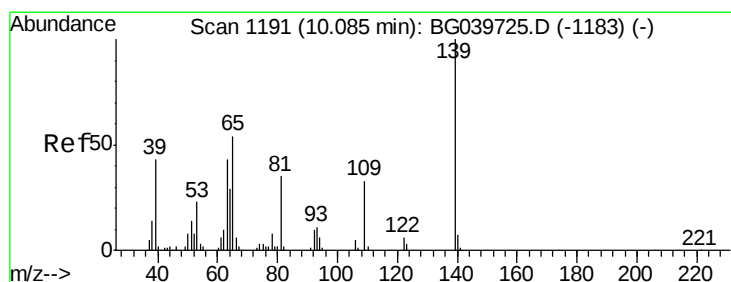
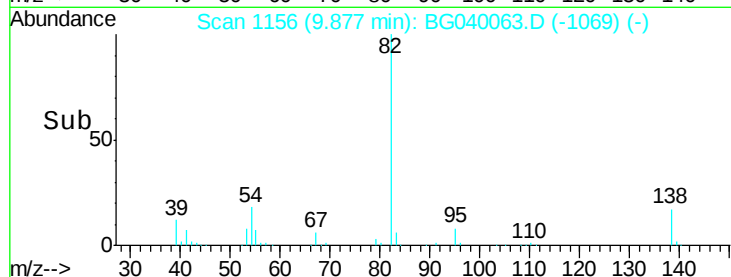
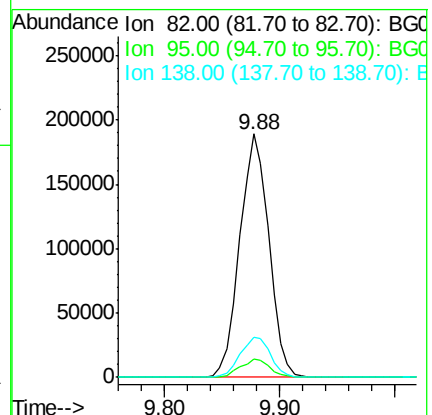
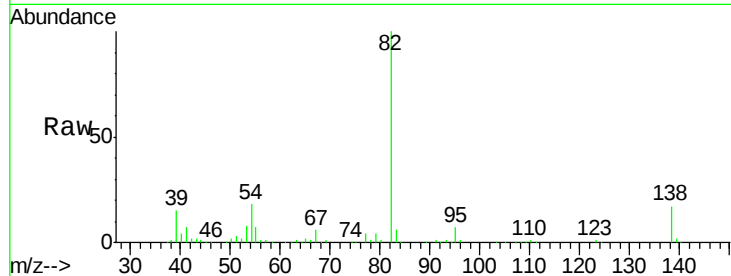
Tgt Ion: 82 Resp: 329271

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 16.7 13.0 19.4



#26

2-Nitrophenol

Concen: 44.263 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

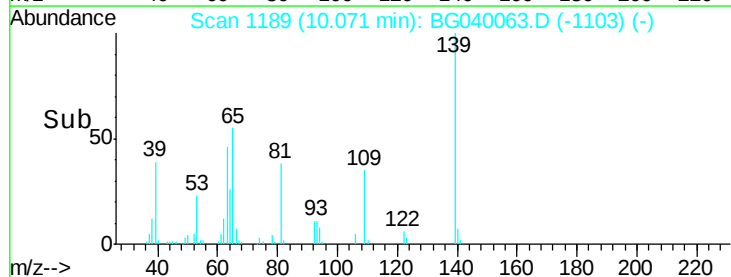
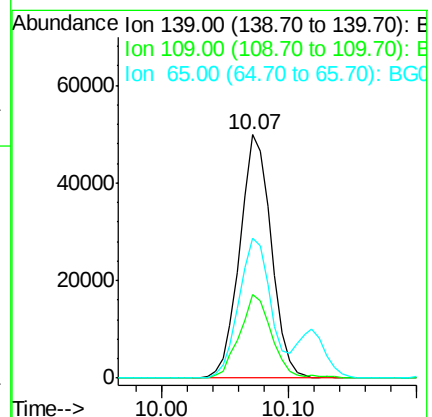
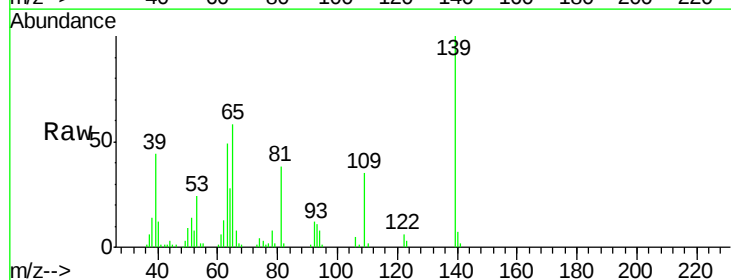
Tgt Ion: 139 Resp: 85902

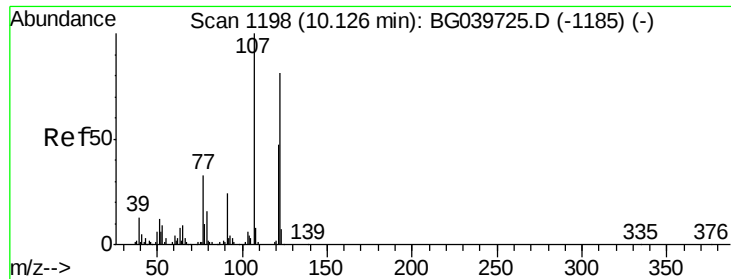
Ion Ratio Lower Upper

139 100

109 34.6 23.4 35.0

65 57.6 44.3 66.5

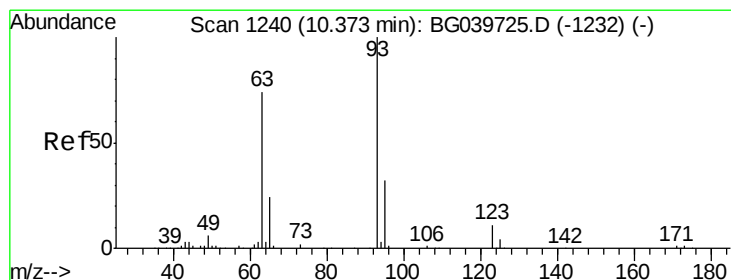
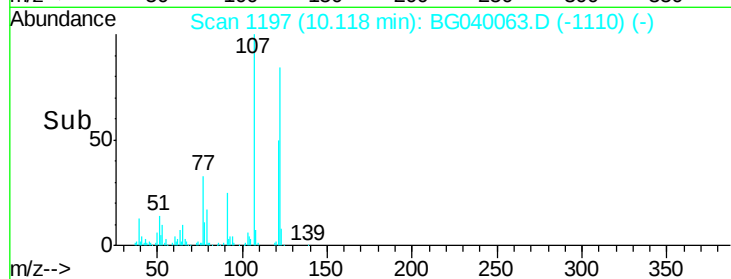
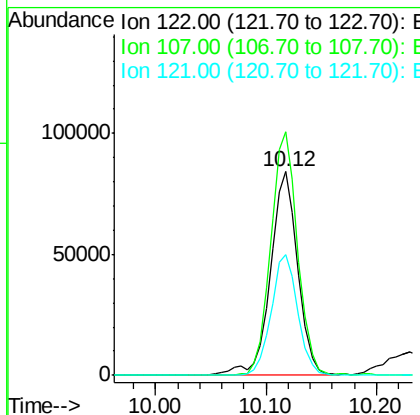
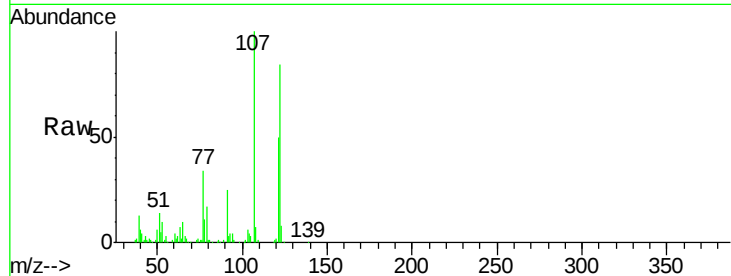




#27
 2,4-Dimethylphenol
 Concen: 47.990 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

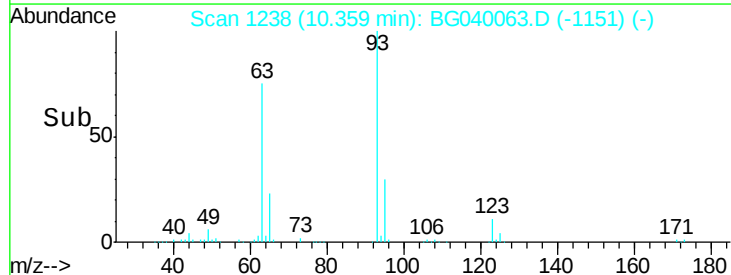
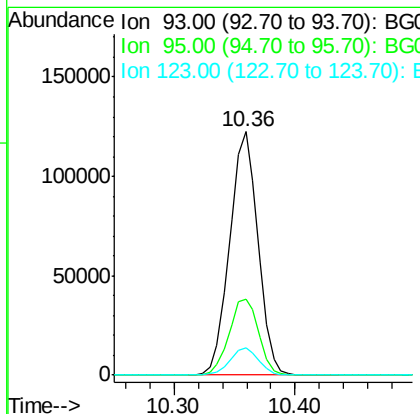
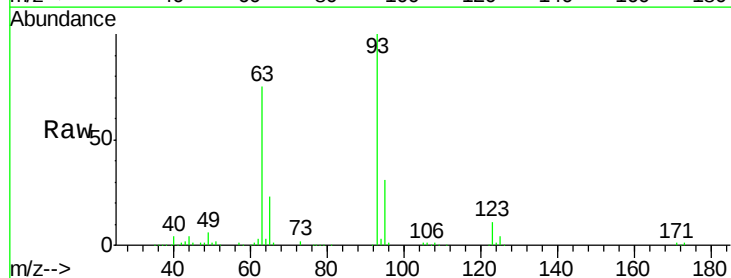
Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.7	91.7	137.5
121	59.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.911 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.0	37.4
123	11.3	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 47.656 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

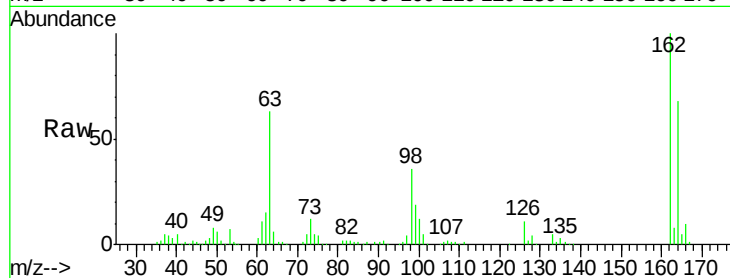
Tgt Ion:162 Resp: 161952

Ion Ratio Lower Upper

162 100

164 67.6 48.1 88.1

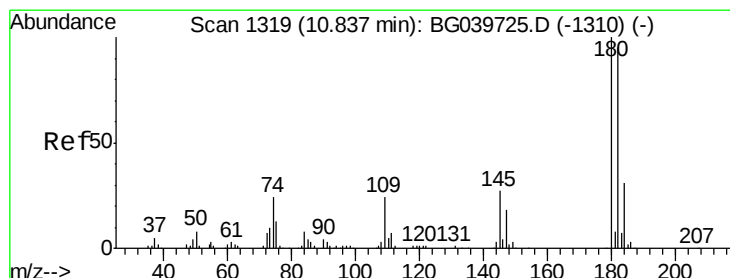
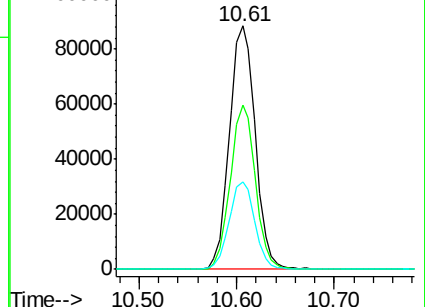
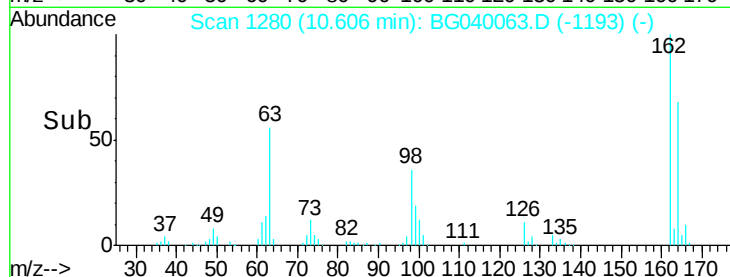
98 35.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.558 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

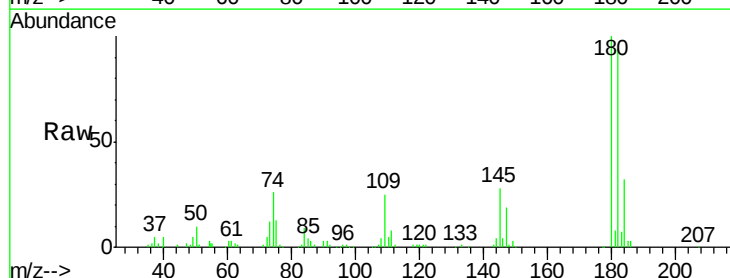
Tgt Ion:180 Resp: 158919

Ion Ratio Lower Upper

180 100

182 93.6 76.0 114.0

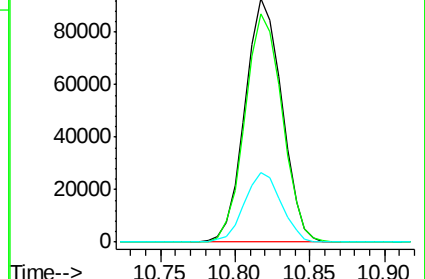
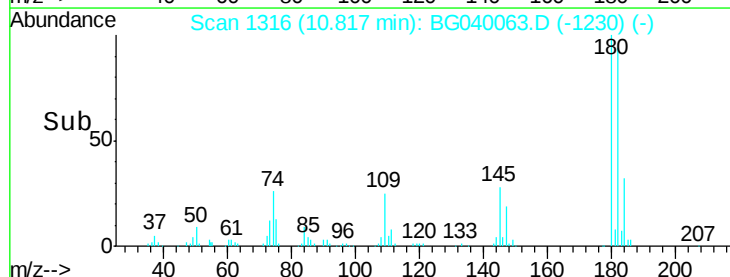
145 28.4 22.7 34.1

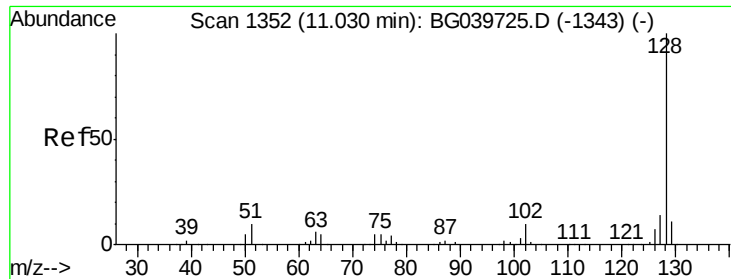


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

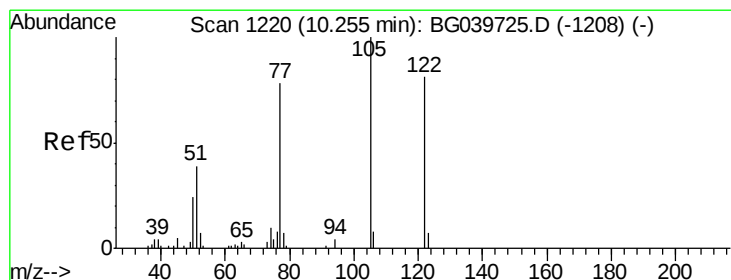
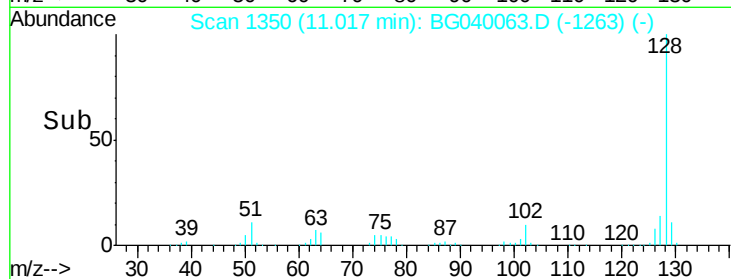
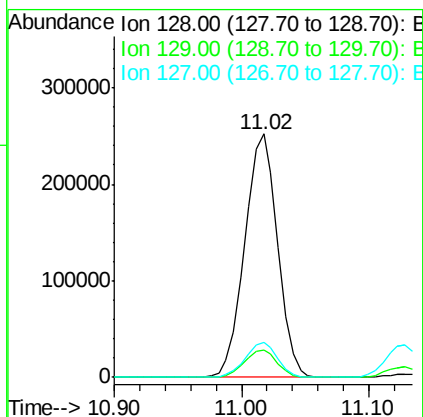
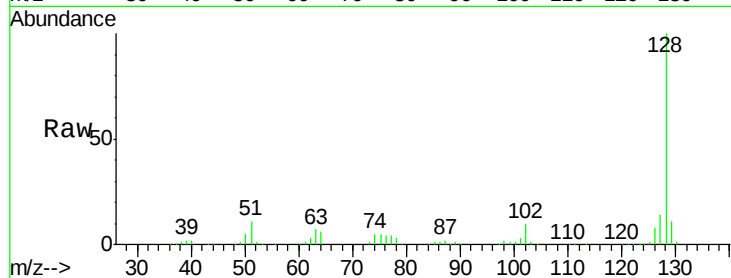




#31
Naphthalene
Concen: 41.184 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

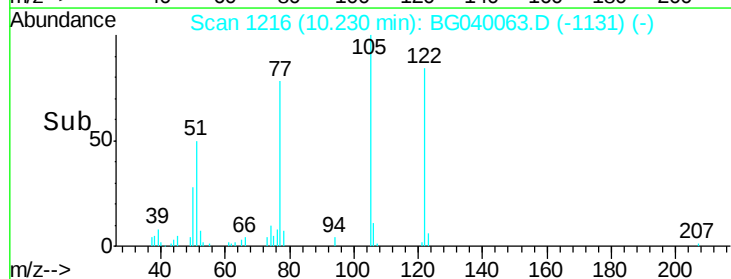
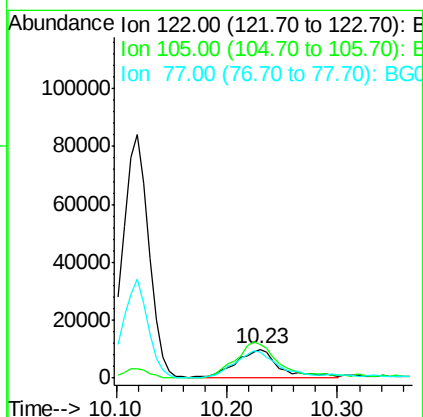
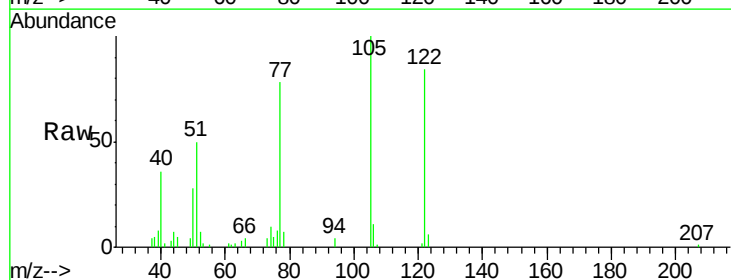
Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:128 Resp: 451855
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 14.2 10.8 16.2



#32
Benzoic acid
Concen: 17.154 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:122 Resp: 25362
Ion Ratio Lower Upper
122 100
105 118.8 101.8 141.8
77 92.1 76.3 116.3

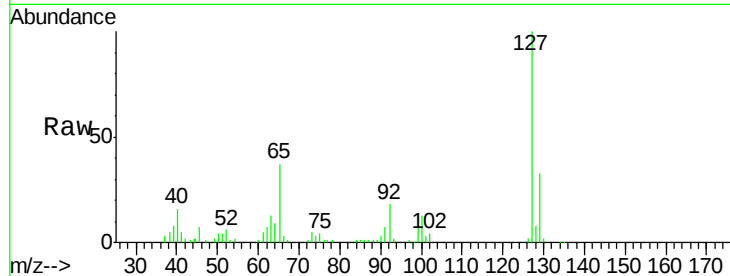




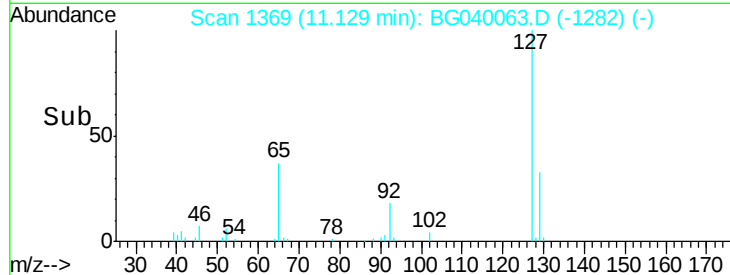
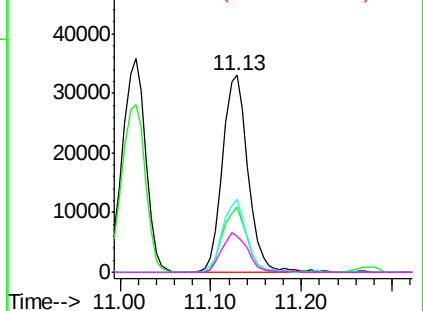
#33
4-Chloroaniline
Concen: 13.915 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:	127	Resp:	64741
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.4
65	37.0	28.8	43.2
92	18.4	16.6	25.0

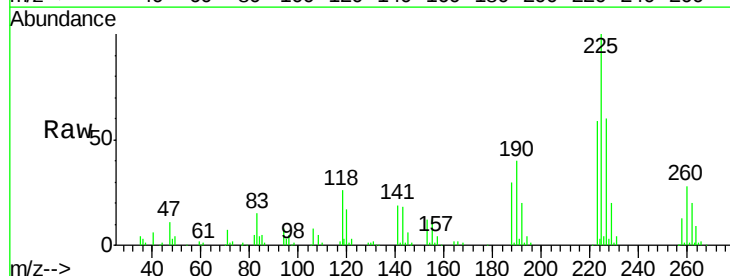


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

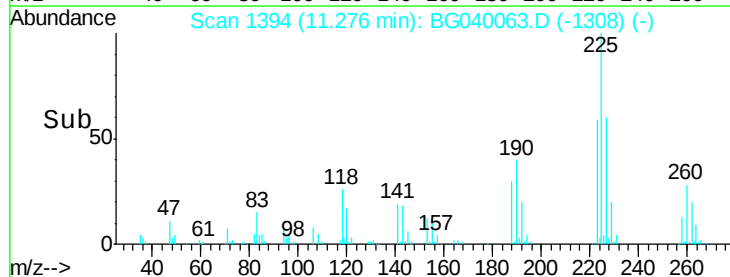
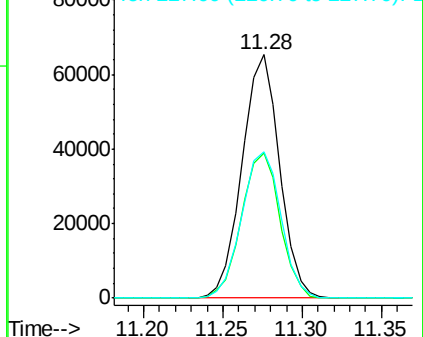


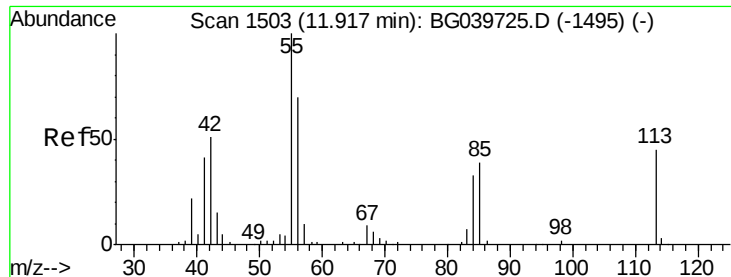
#34
Hexachlorobutadiene
Concen: 41.111 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:	225	Resp:	107428
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.0	73.6
227	60.3	46.3	69.5



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





#35

Caprolactam

Concen: 41.867 ng

RT: 11.92 min Scan# 1504

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

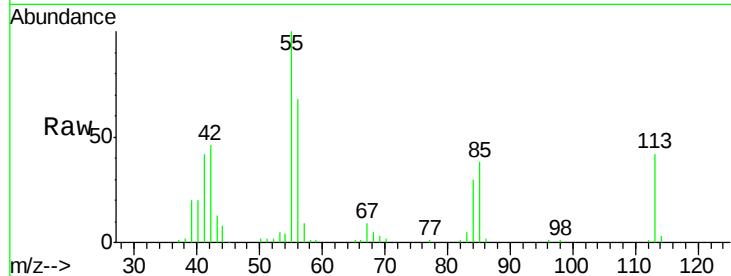
Tgt Ion:113 Resp: 54350

Ion Ratio Lower Upper

113 100

55 238.3 216.9 256.9

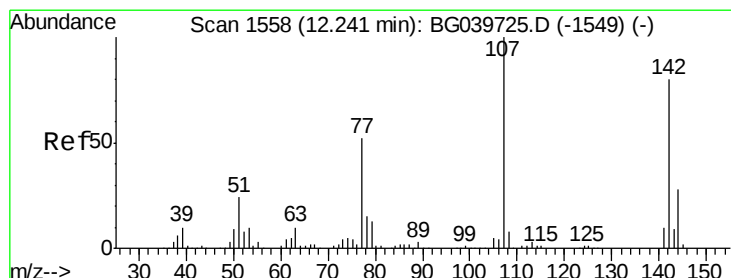
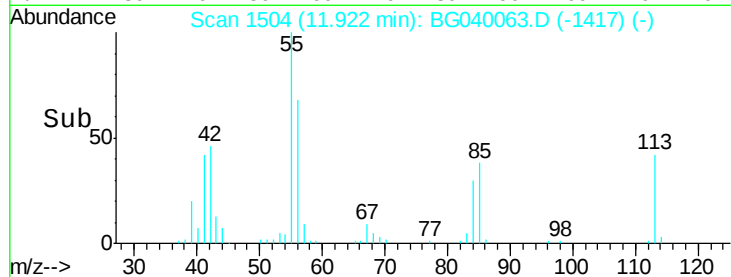
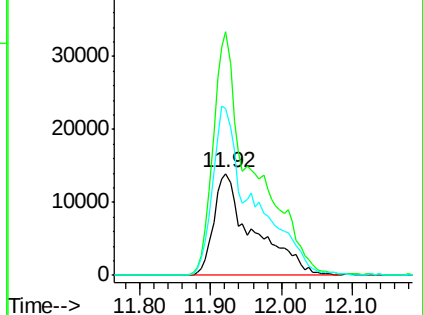
56 162.7 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.900 ng

RT: 12.23 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

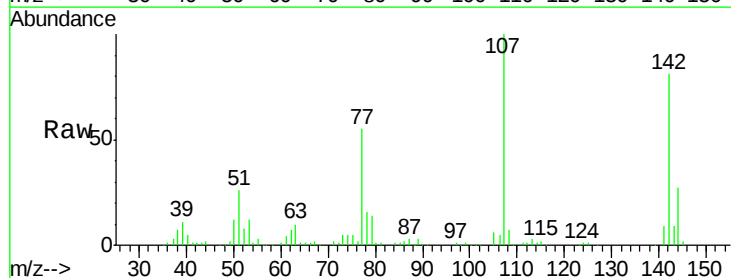
Tgt Ion:107 Resp: 174913

Ion Ratio Lower Upper

107 100

144 26.5 20.2 30.2

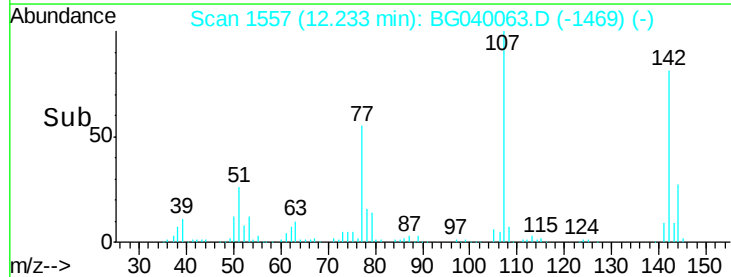
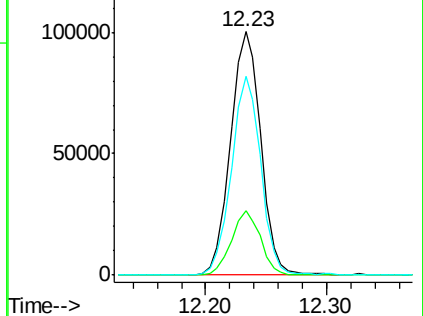
142 81.5 61.4 92.2

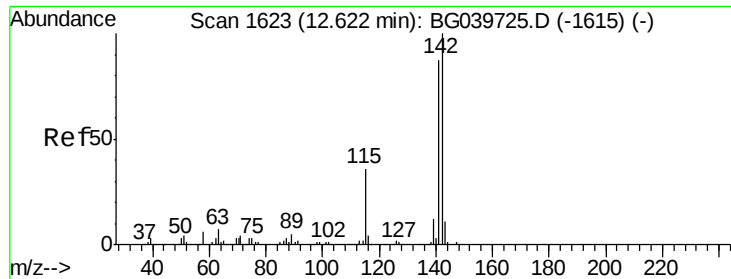


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

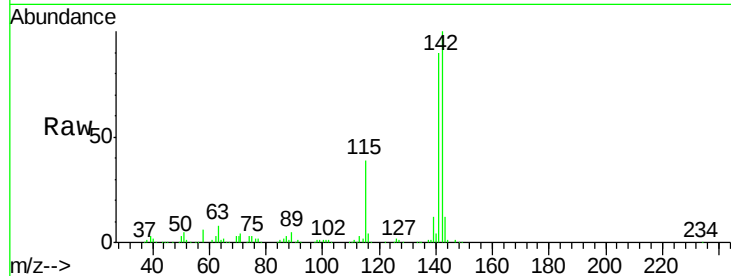




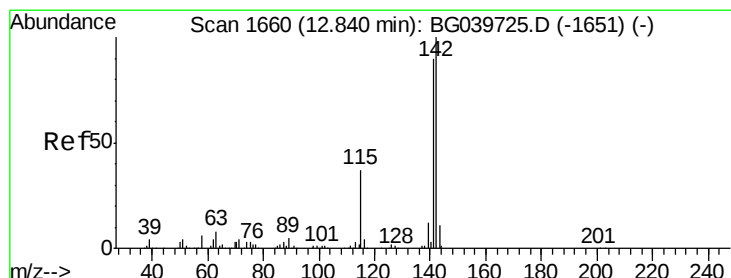
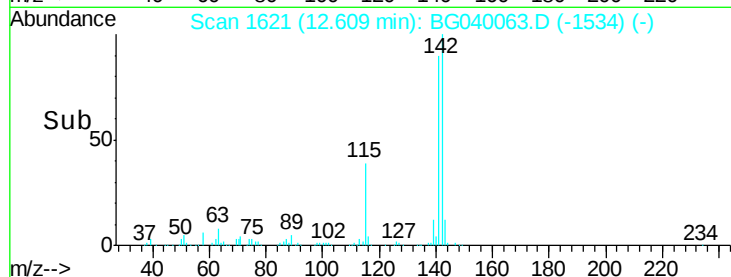
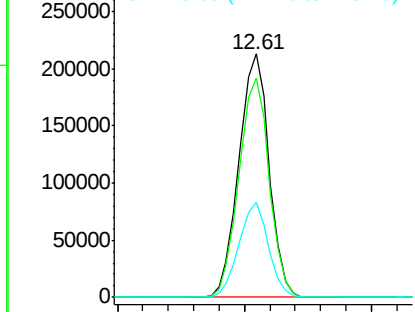
#37
 2-Methylnaphthalene
 Concen: 42.767 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion:142 Resp: 350812
 Ion Ratio Lower Upper
 142 100
 141 90.0 73.5 110.3
 115 39.1 30.8 46.2

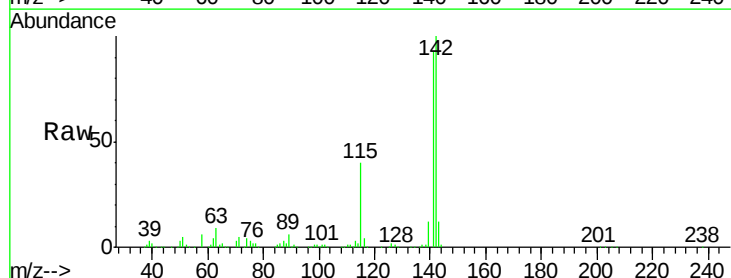


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

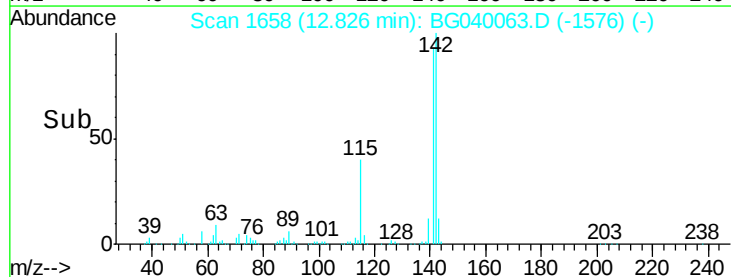
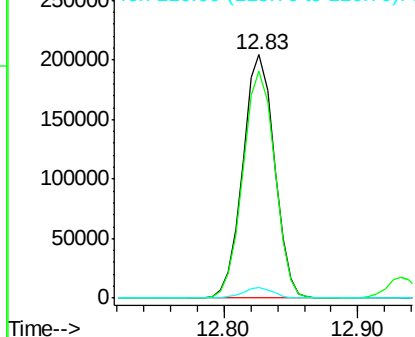


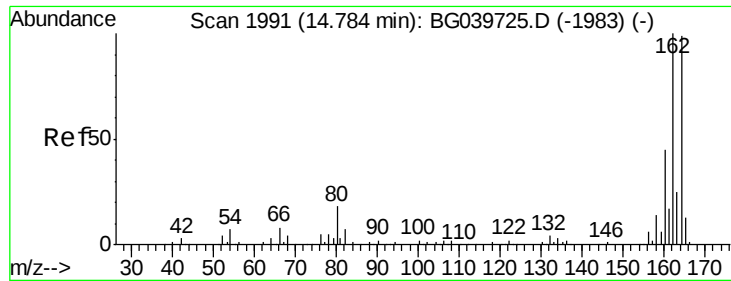
#38
 1-Methylnaphthalene
 Concen: 41.760 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:142 Resp: 332891
 Ion Ratio Lower Upper
 142 100
 141 93.5 74.2 111.4
 116 4.2 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: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

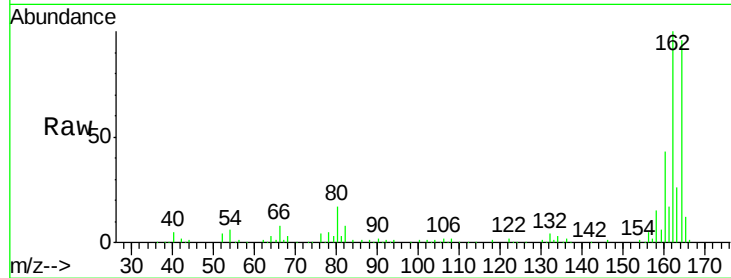
Tgt Ion:164 Resp: 144025

Ion Ratio Lower Upper

164 100

162 103.9 81.6 122.4

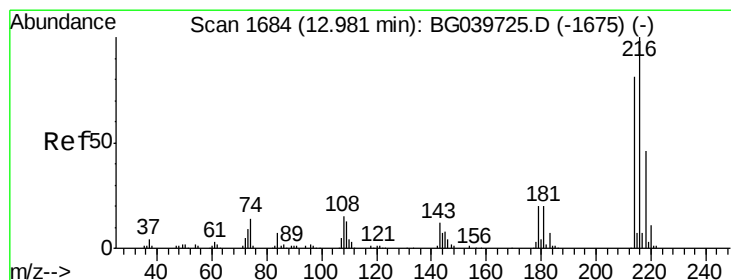
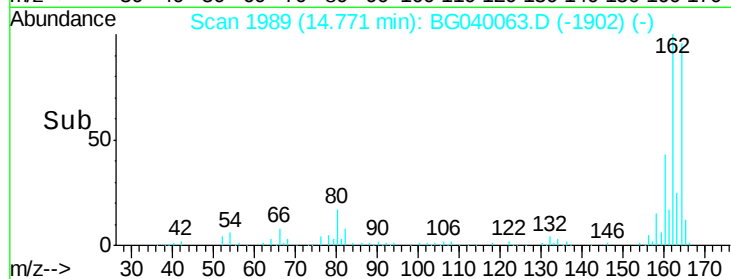
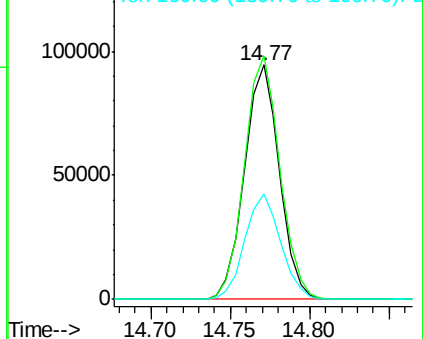
160 45.2 34.2 51.2



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: 40.328 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Tgt Ion:216 Resp: 196770

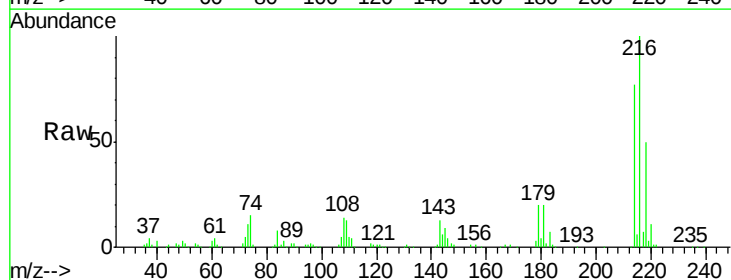
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 20.6 16.6 25.0

108 18.1 14.0 21.0

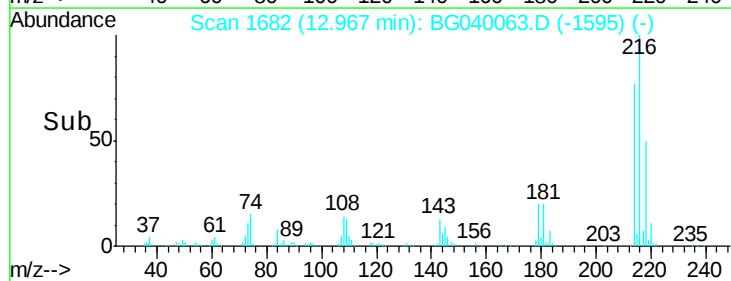
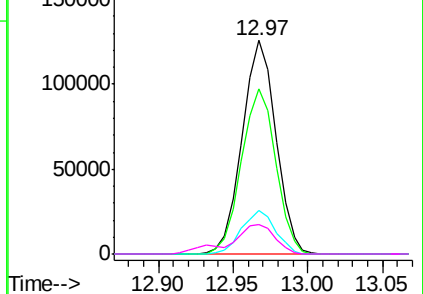


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.410 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

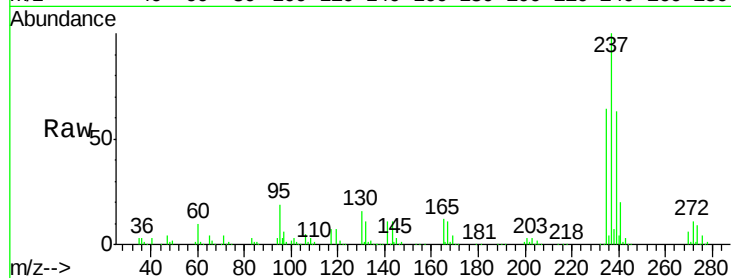
Tgt Ion: 237 Resp: 241632

Ion Ratio Lower Upper

237 100

235 63.8 43.3 83.3

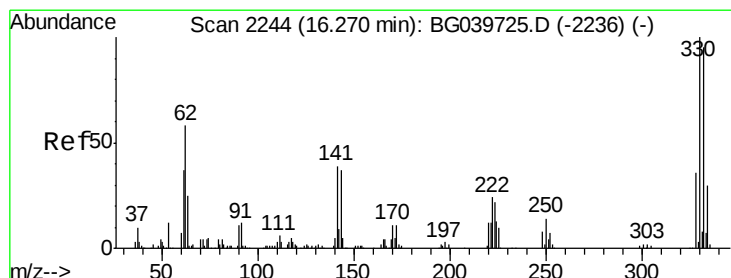
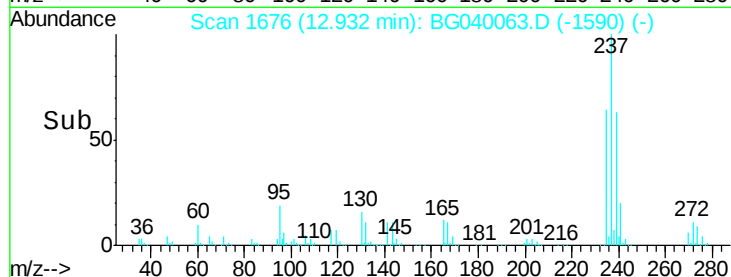
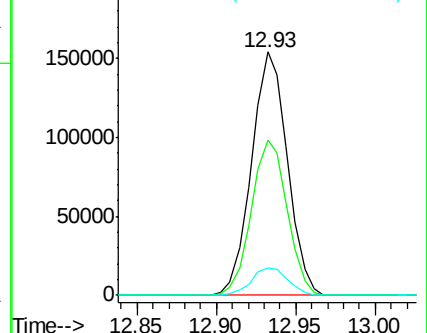
272 11.4 0.0 32.3



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: 143.152 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

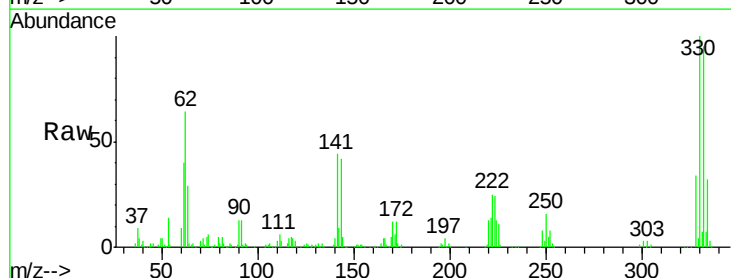
Tgt Ion: 330 Resp: 240312

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

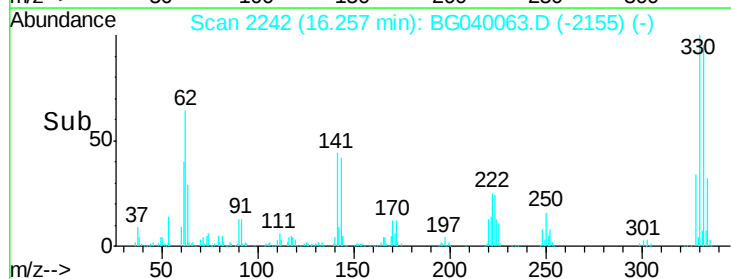
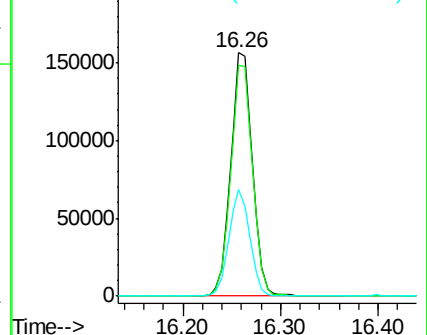
141 42.4 35.6 53.4



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

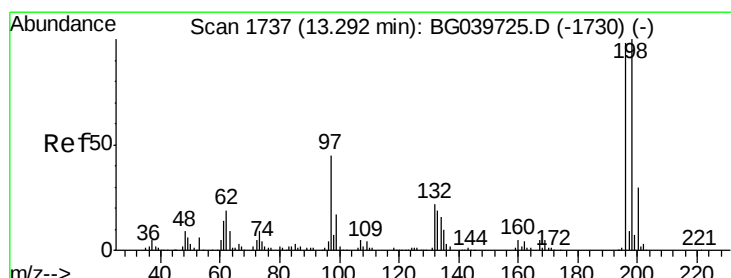
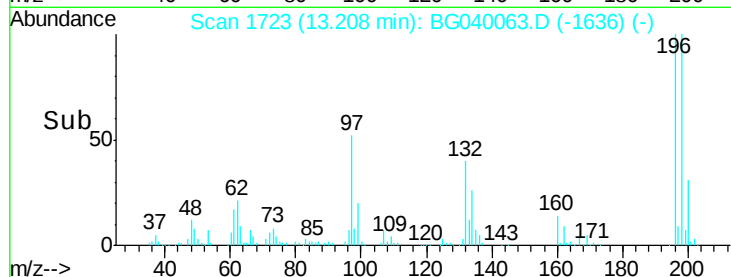
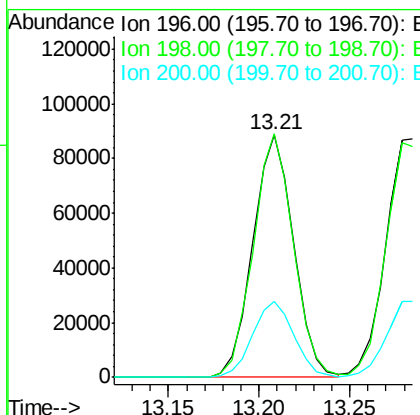
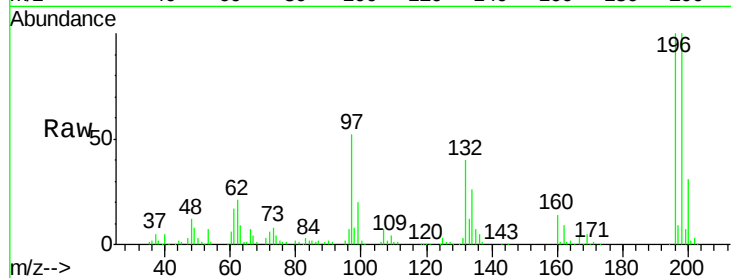




#43
 2,4,6-Trichlorophenol
 Concen: 48.328 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

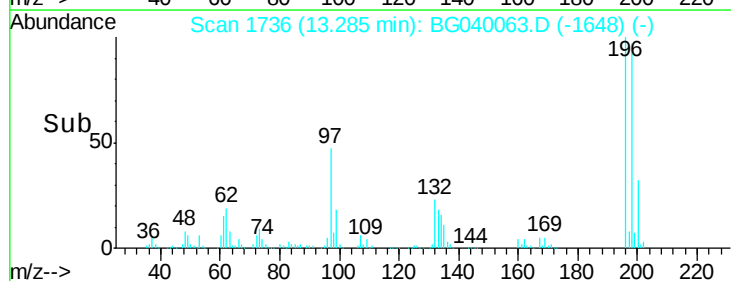
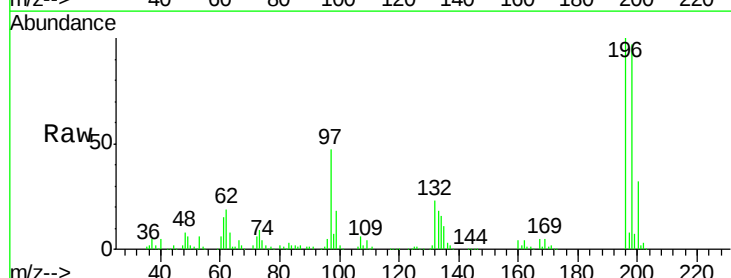
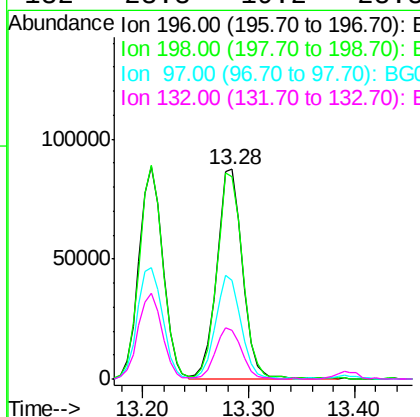
Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

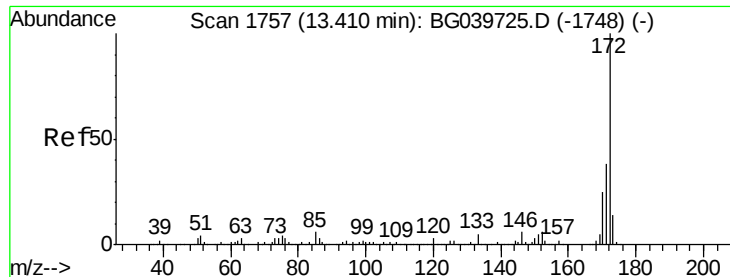
Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.2	80.6	121.0
200	31.3	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.988 ng
 RT: 13.28 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	78.5	117.7
97	47.2	38.4	57.6
132	23.3	19.2	28.8

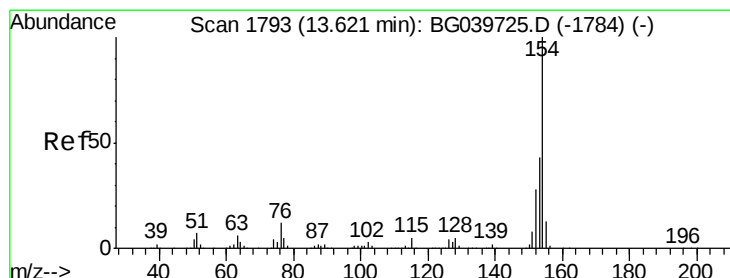
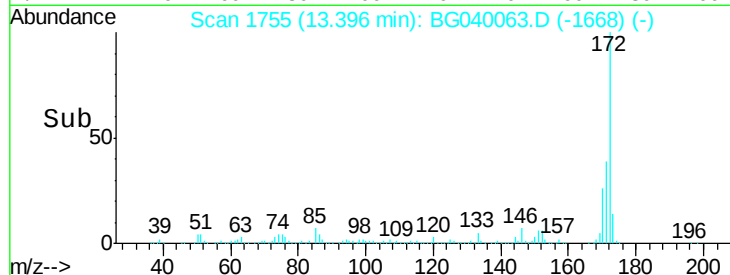
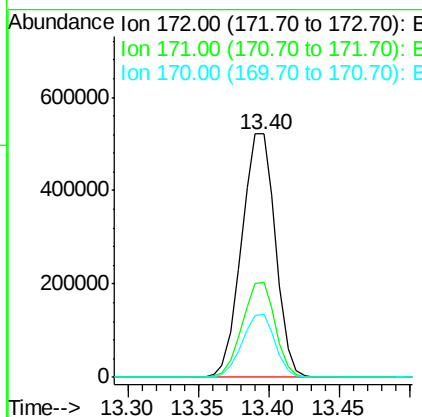
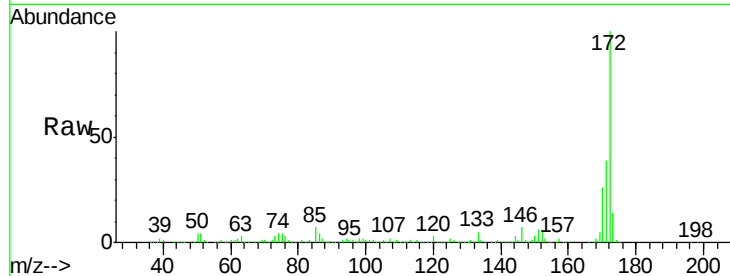




#45
2-Fluorobiphenyl
Concen: 86.373 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

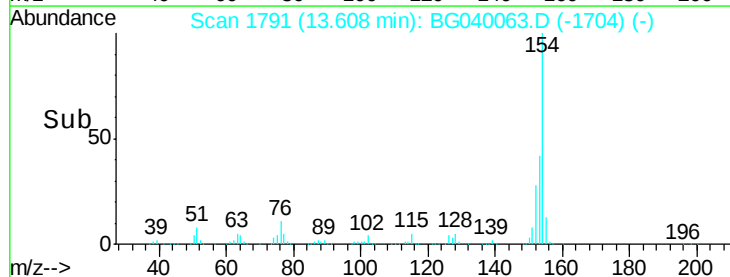
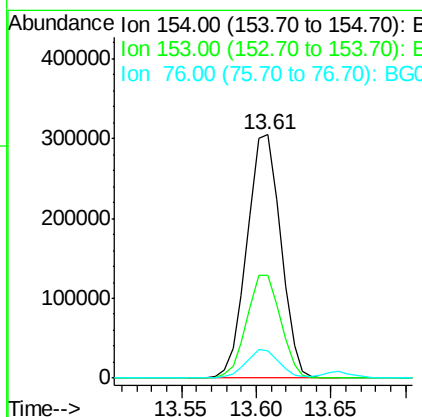
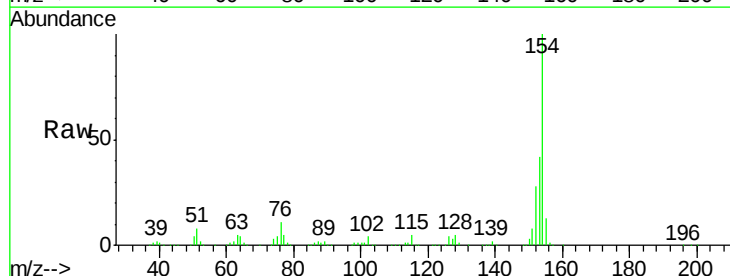
Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:172 Resp: 873687
Ion Ratio Lower Upper
172 100
171 38.8 30.8 46.2
170 26.0 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.249 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:154 Resp: 476780
Ion Ratio Lower Upper
154 100
153 42.0 22.1 62.1
76 11.2 0.0 32.4

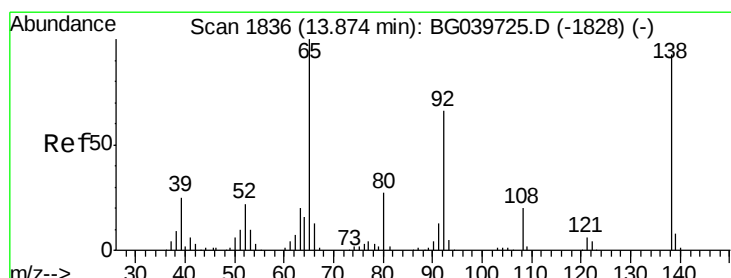
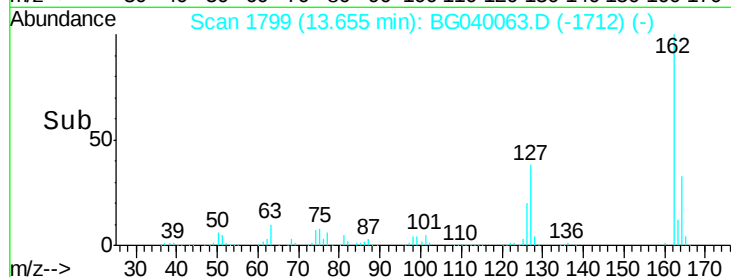
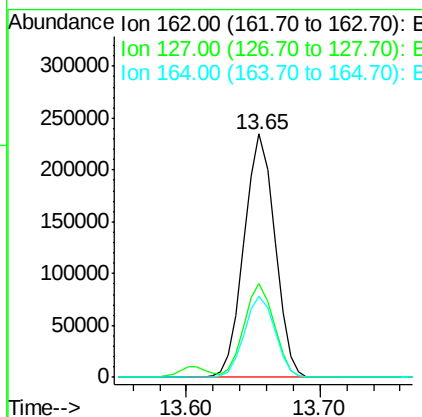
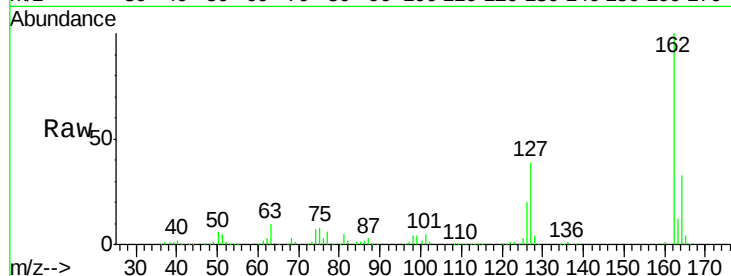




#47
 2-Chloronaphthalene
 Concen: 41.970 ng
 RT: 13.65 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

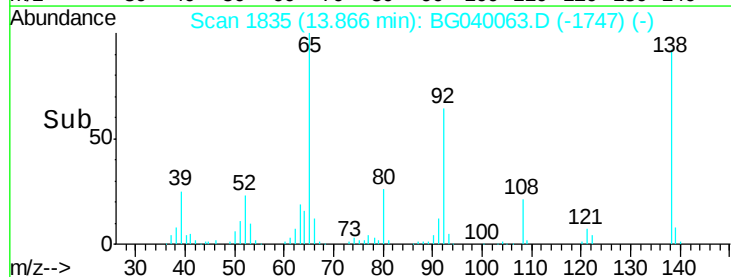
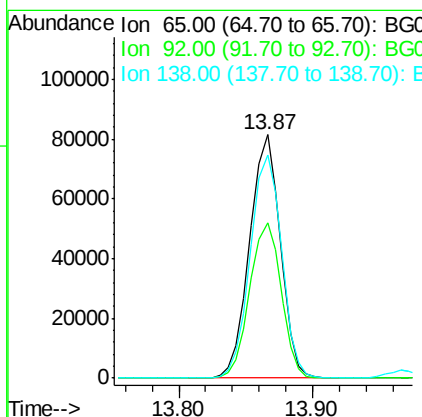
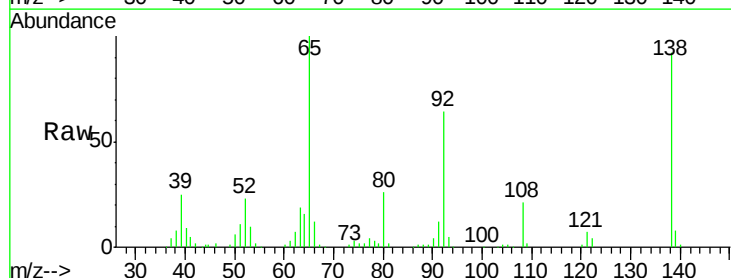
Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion: 162 Resp: 374015
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.0 46.6
 164 33.1 25.7 38.5



#48
 2-Nitroaniline
 Concen: 45.108 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion: 65 Resp: 129184
 Ion Ratio Lower Upper
 65 100
 92 63.6 51.4 77.2
 138 91.9 71.4 107.2





#49

Acenaphthylene

Concen: 40.877 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

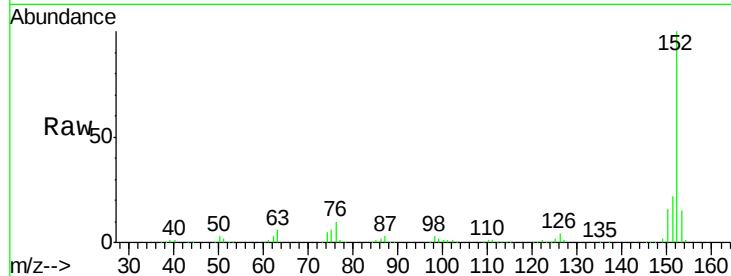
Tgt Ion:152 Resp: 597993

Ion Ratio Lower Upper

152 100

151 22.2 16.8 25.2

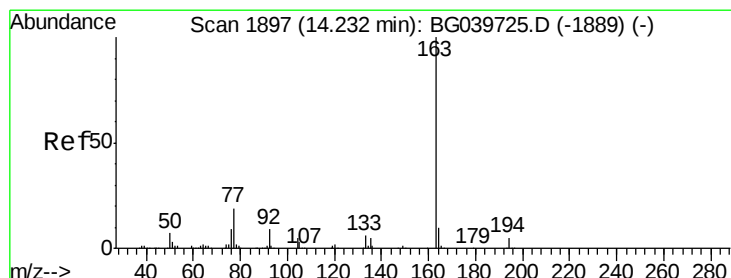
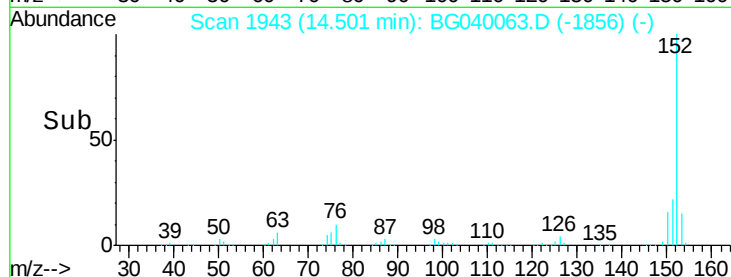
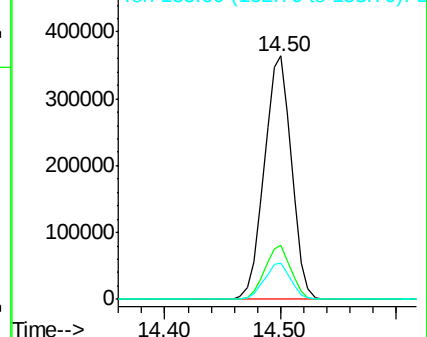
153 14.9 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.564 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

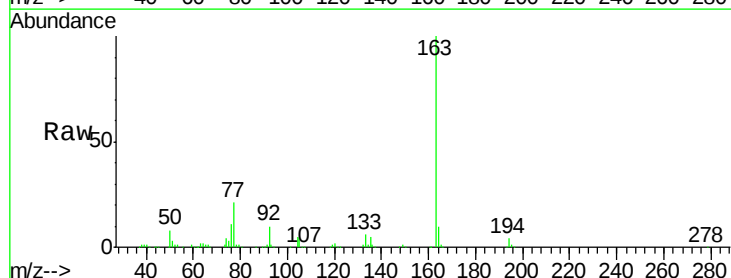
Tgt Ion:163 Resp: 500560

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

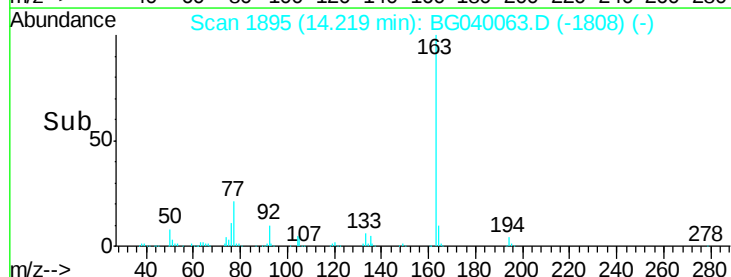
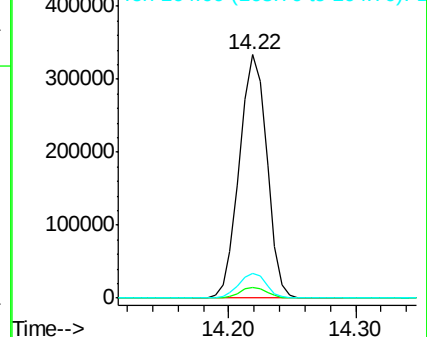
164 10.4 8.4 12.6



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

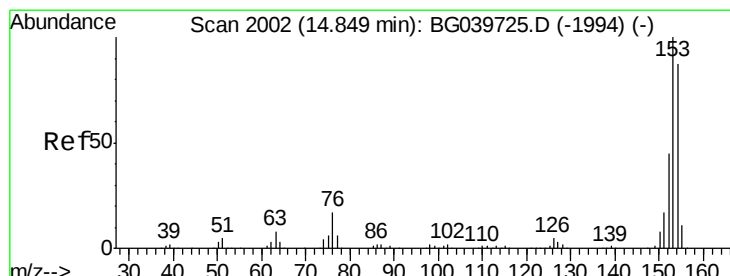
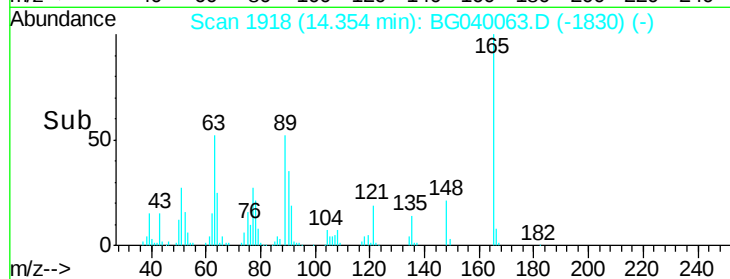
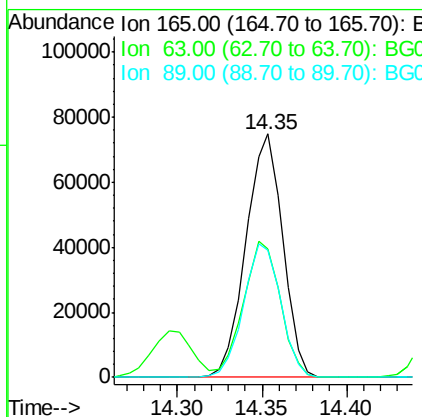
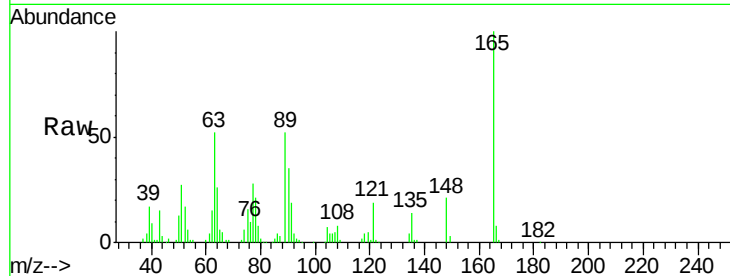




#51
 2,6-Dinitrotoluene
 Concen: 44.369 ng
 RT: 14.35 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

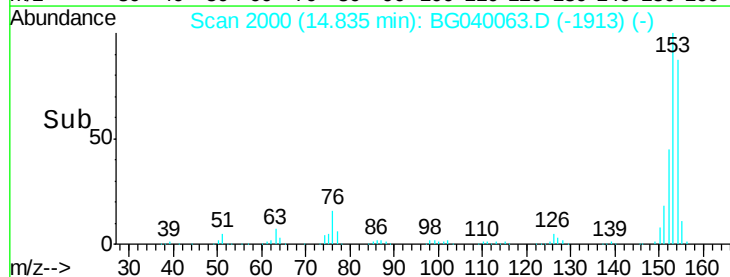
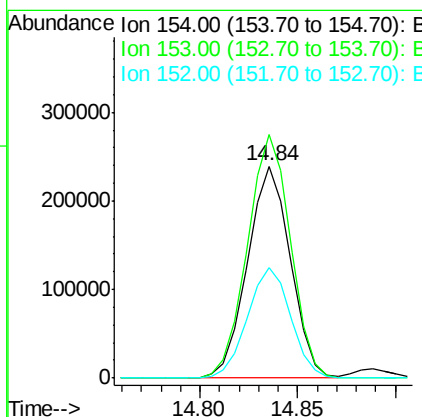
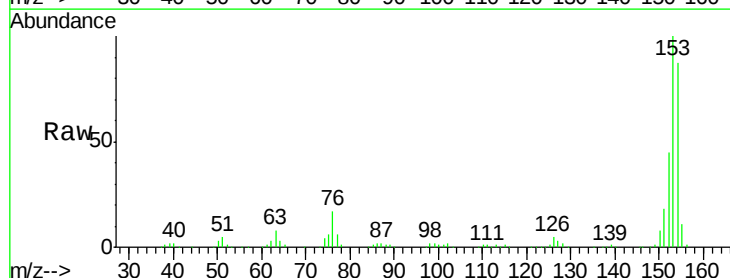
Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

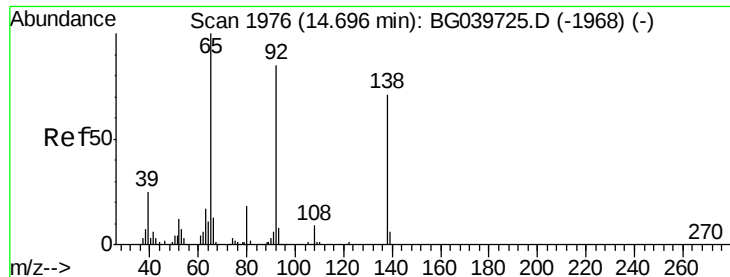
Tgt Ion:165 Resp: 113279
 Ion Ratio Lower Upper
 165 100
 63 52.5 47.0 70.6
 89 52.5 45.8 68.8



#52
 Acenaphthene
 Concen: 41.319 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:154 Resp: 363810
 Ion Ratio Lower Upper
 154 100
 153 114.9 90.1 135.1
 152 52.2 40.9 61.3





#53

3-Nitroaniline

Concen: 23.253 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

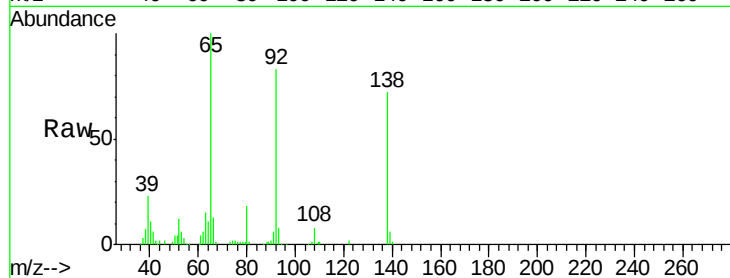
Tgt Ion:138 Resp: 59676

Ion Ratio Lower Upper

138 100

108 10.9 13.8 20.8#

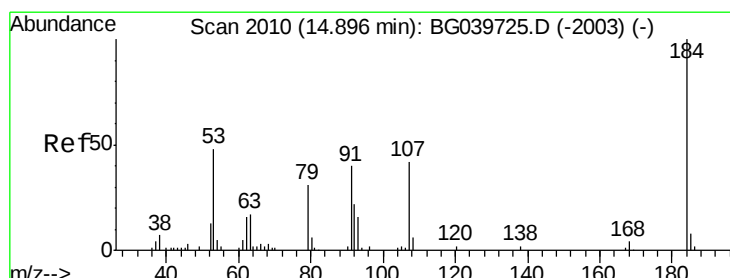
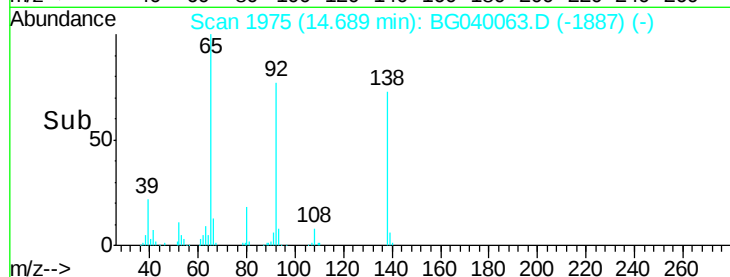
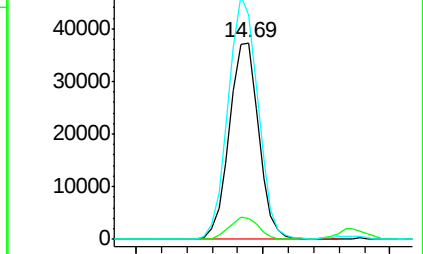
92 114.2 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 19.535 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

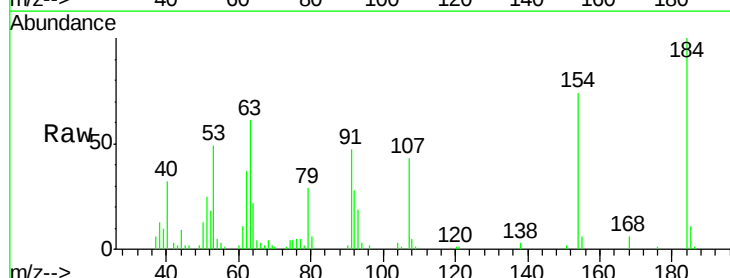
Tgt Ion:184 Resp: 24607

Ion Ratio Lower Upper

184 100

63 60.9 50.9 76.3

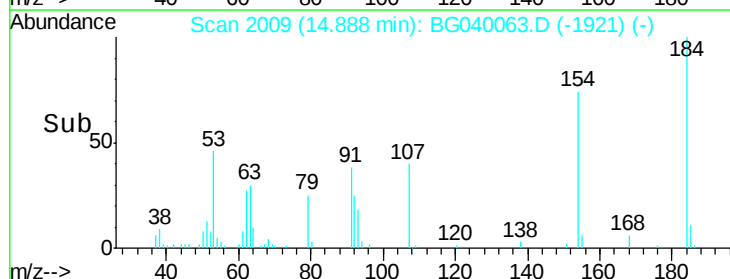
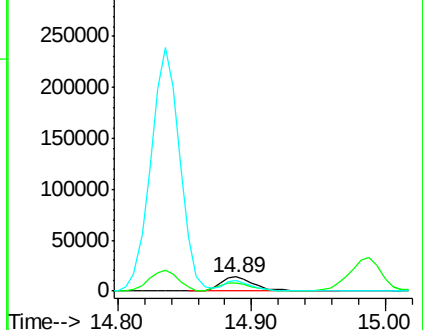
154 73.7 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 41.468 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

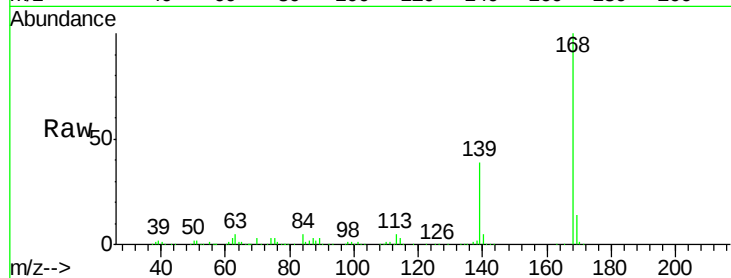
Tgt Ion:168 Resp: 599059

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

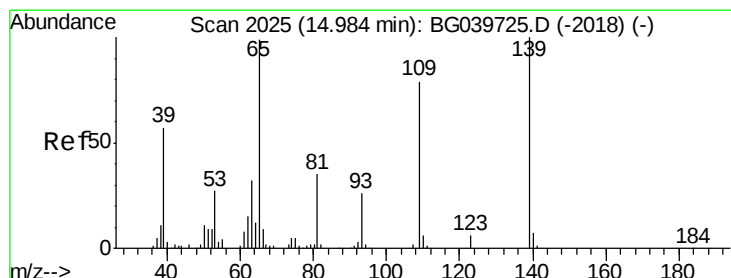
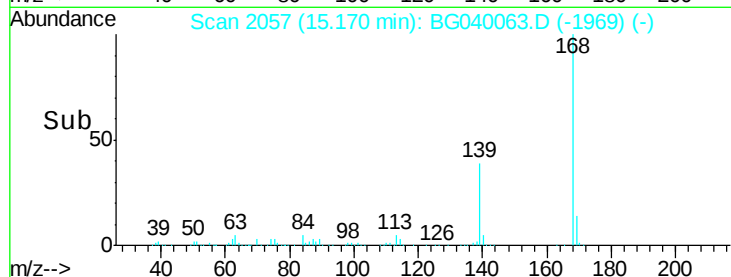
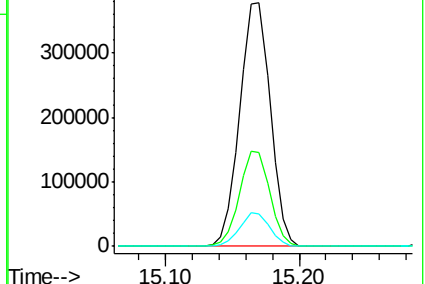
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.651 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

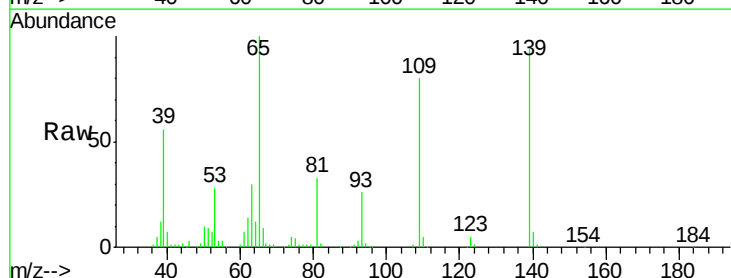
Tgt Ion:139 Resp: 178274

Ion Ratio Lower Upper

139 100

109 85.5 61.9 101.9

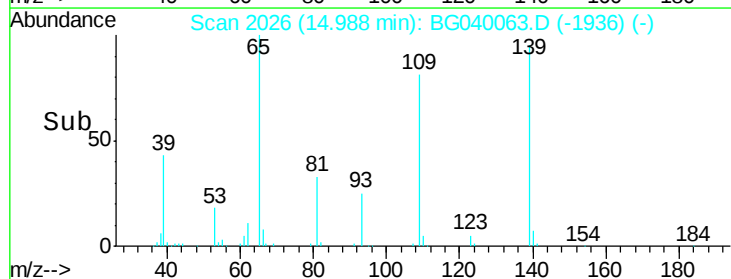
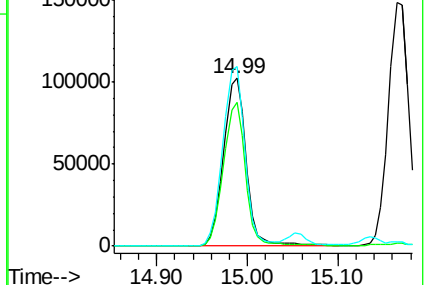
65 106.6 99.1 139.1

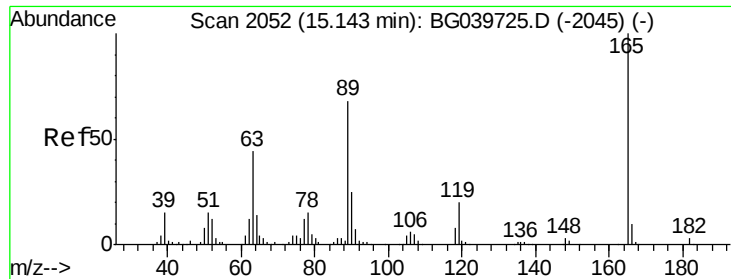


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

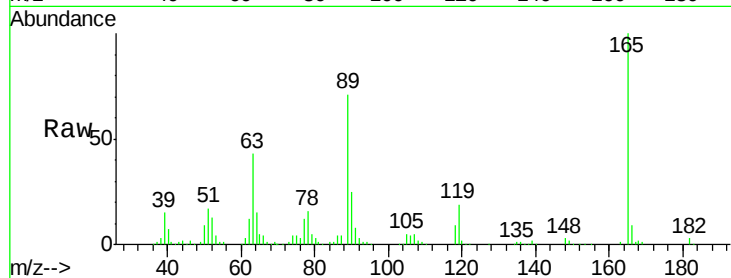




#57
 2,4-Dinitrotoluene
 Concen: 44.223 ng
 RT: 15.14 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion:	165	Resp:	158646
Ion	Ratio	Lower	Upper
165	100		
63	43.4	41.0	61.6
89	70.6	64.6	96.8
182	2.9	2.0	3.0

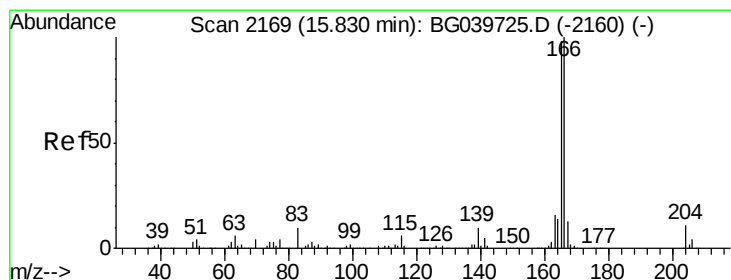
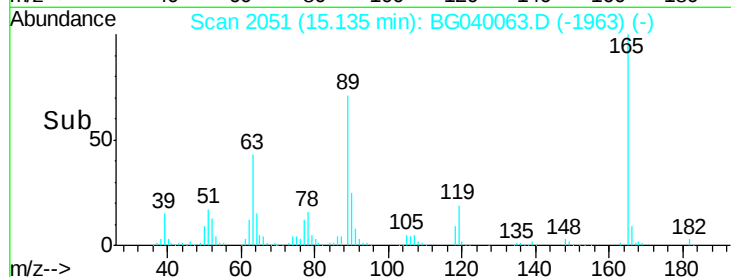
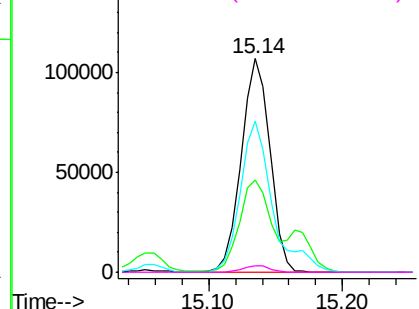


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

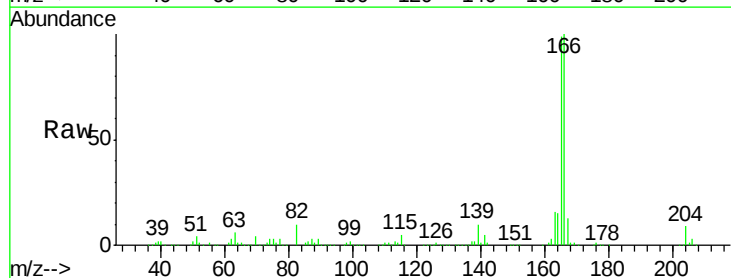
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 42.028 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

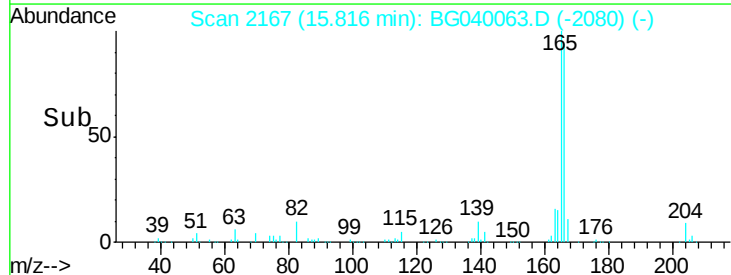
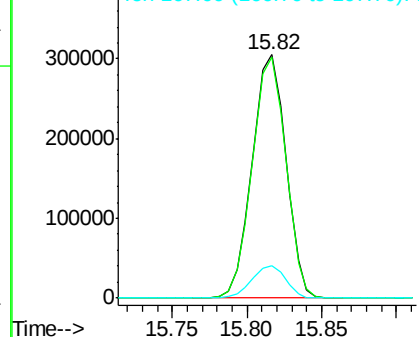
Tgt Ion:	166	Resp:	477304
Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.9	116.9
167	13.2	10.8	16.2

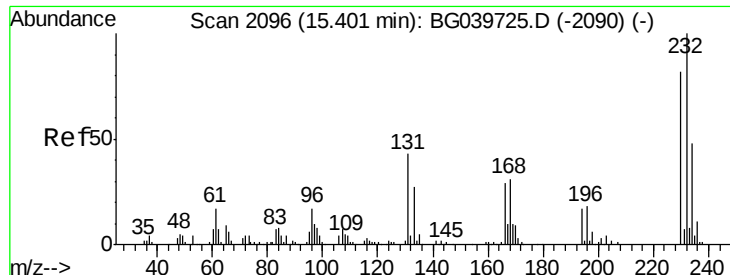


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

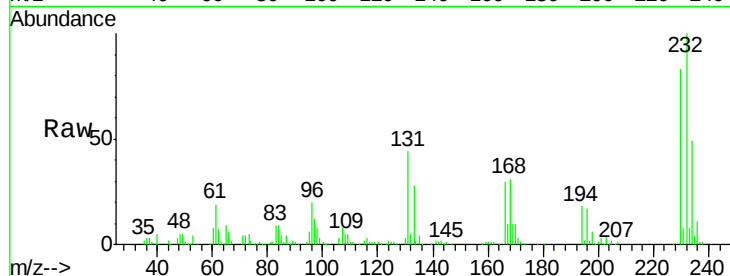




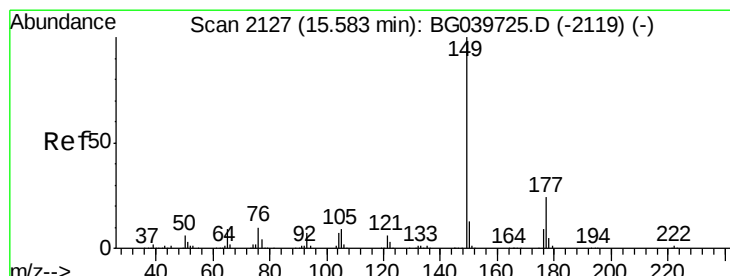
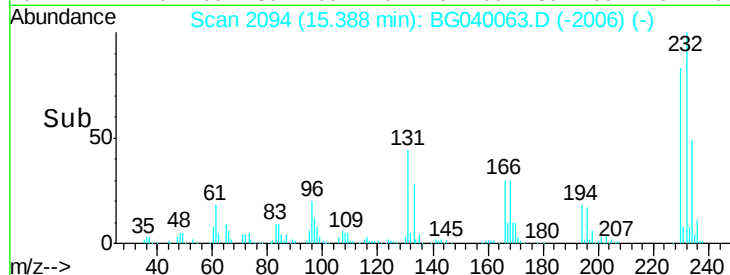
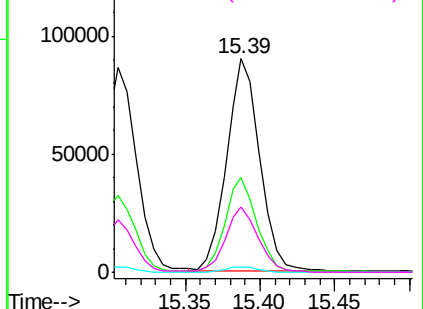
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.925 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampled :
 PB118109BS

Tgt Ion:	232	Resp:	138124
Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.9	52.3
130	2.5	2.0	3.0
166	30.2	24.1	36.1

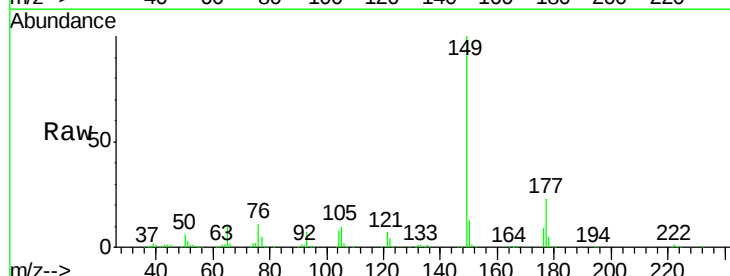


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

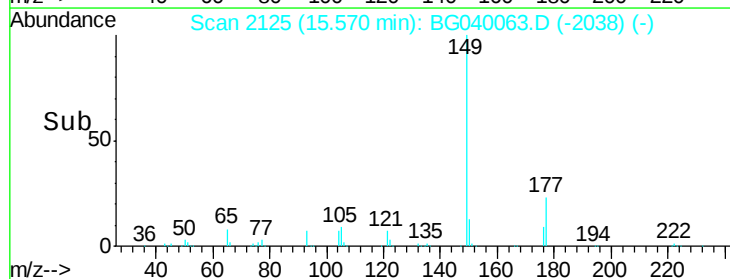
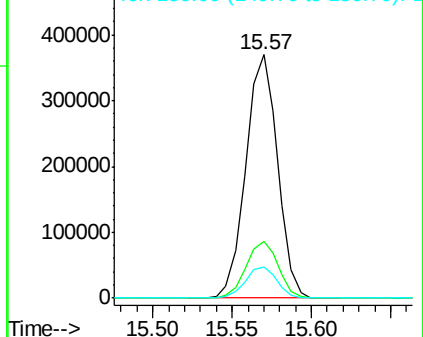


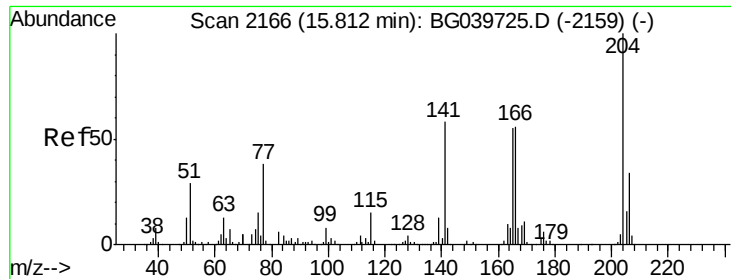
#60
 Diethylphthalate
 Concen: 43.033 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:	149	Resp:	513042
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.3	27.5
150	12.9	10.2	15.2



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

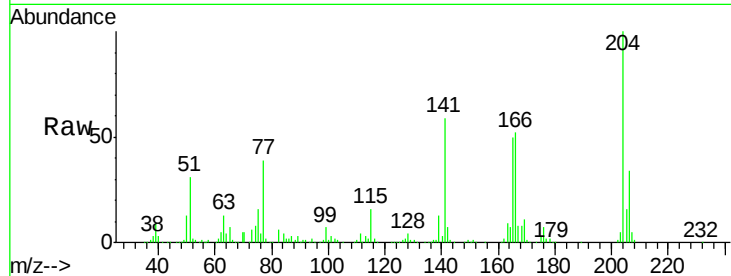




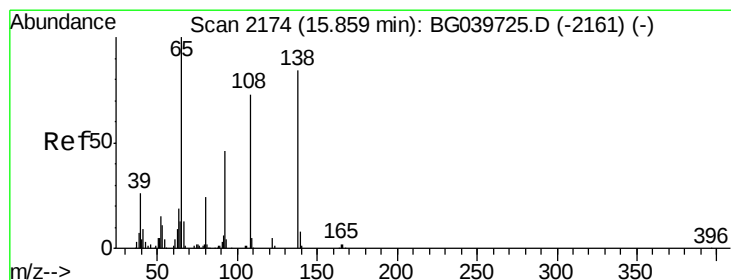
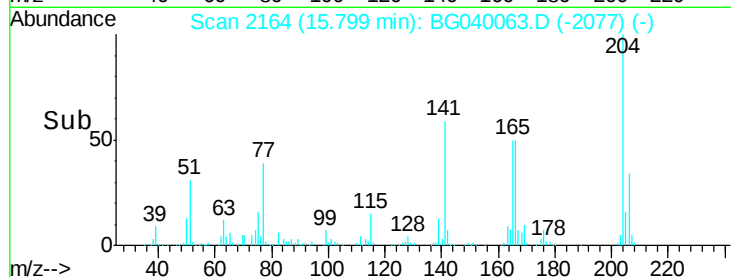
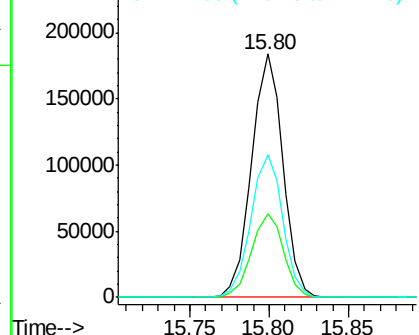
#61
4-Chlorophenyl-phenylether
Concen: 41.613 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:204 Resp: 252183
Ion Ratio Lower Upper
204 100
206 34.5 29.2 43.8
141 58.5 49.0 73.4

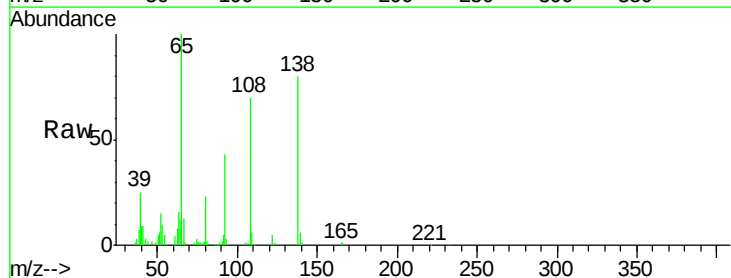


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

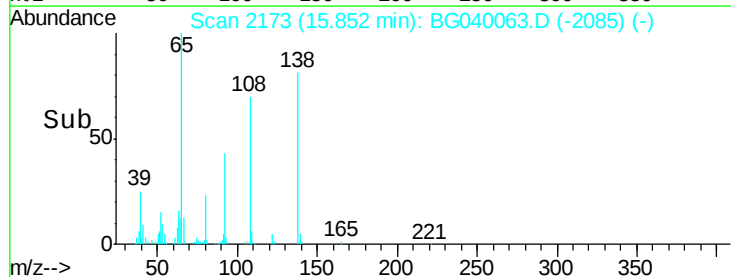
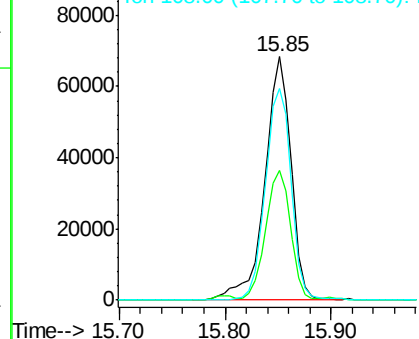


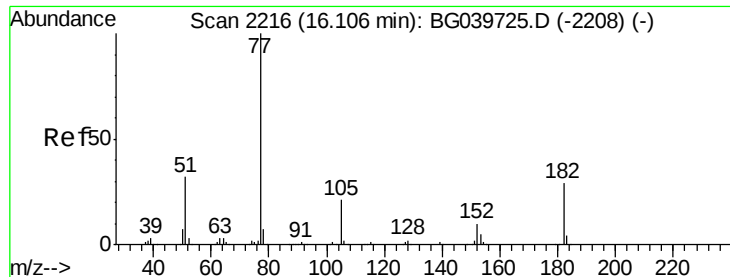
#62
4-Nitroaniline
Concen: 42.596 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:138 Resp: 118513
Ion Ratio Lower Upper
138 100
92 53.3 38.7 78.7
108 87.1 74.6 114.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.907 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

Tgt Ion: 77 Resp: 463692

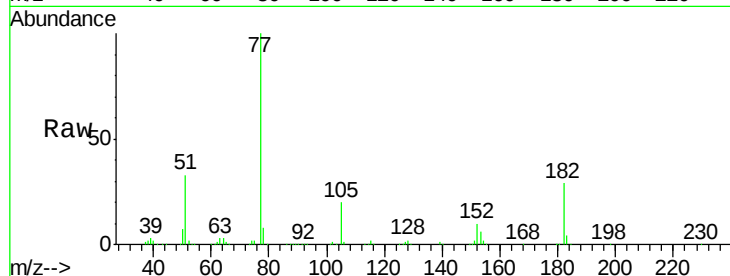
Ion Ratio Lower Upper

77 100

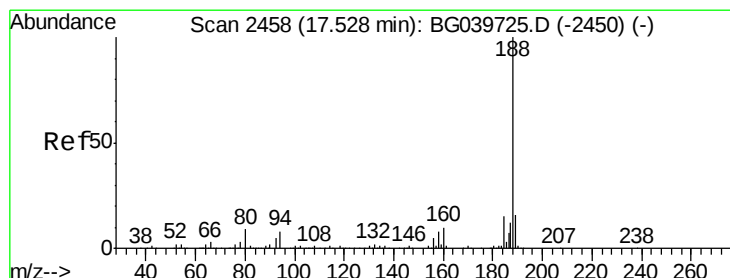
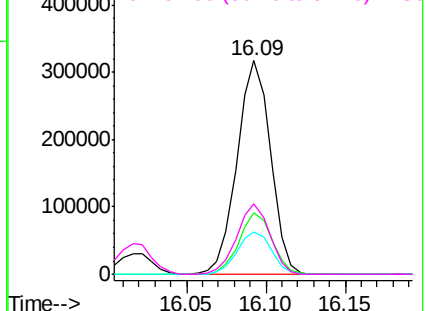
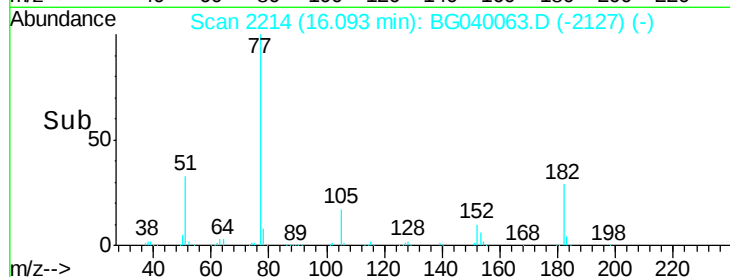
182 28.5 6.4 46.4

105 20.0 0.0 39.8

51 32.9 14.1 54.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

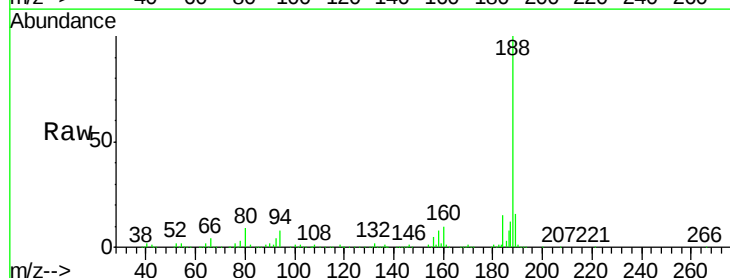
Tgt Ion: 188 Resp: 347093

Ion Ratio Lower Upper

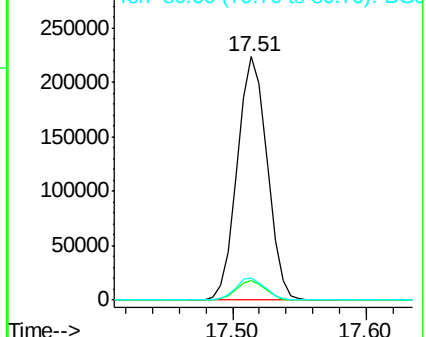
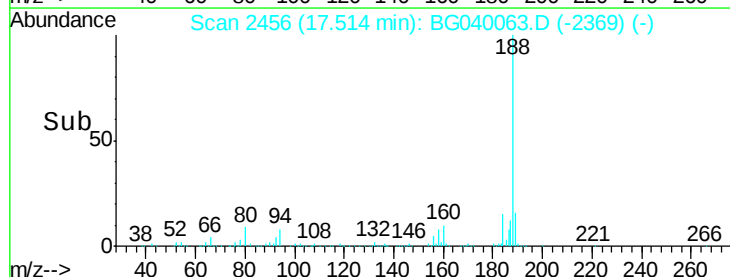
188 100

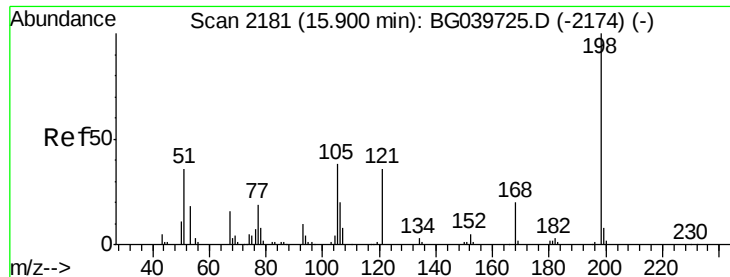
94 7.8 6.9 10.3

80 8.9 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

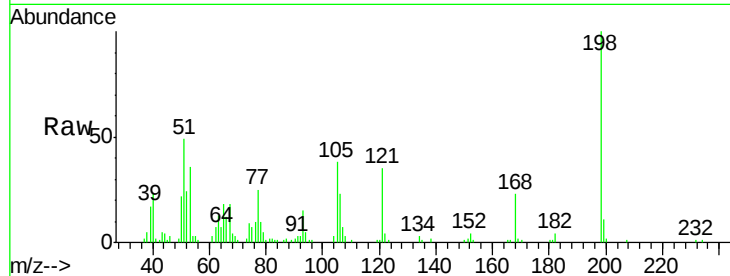




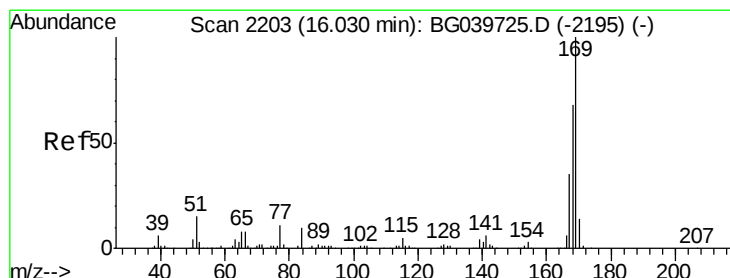
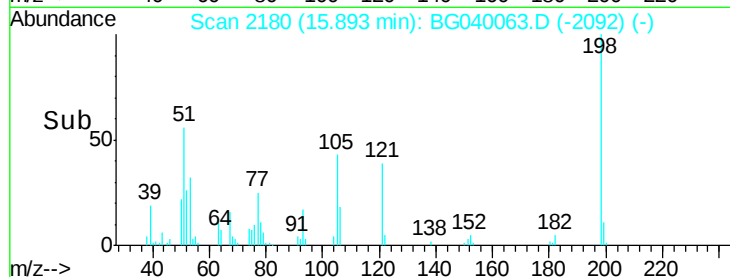
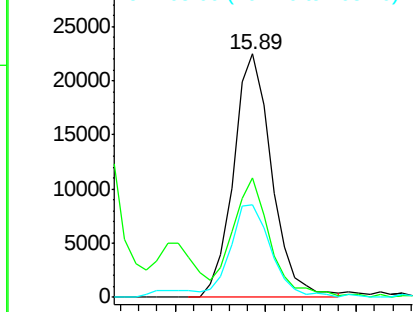
#65
 4,6-Dinitro-2-methylphenol
 Concen: 16.159 ng
 RT: 15.89 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion:198 Resp: 33162
 Ion Ratio Lower Upper
 198 100
 51 49.1 27.4 67.4
 105 38.0 19.7 59.7

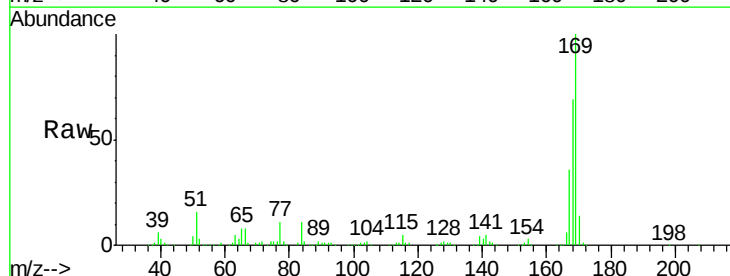


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

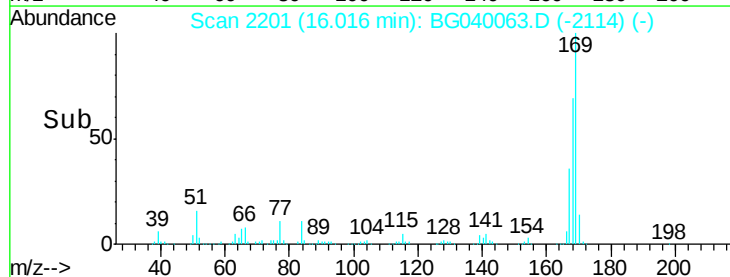
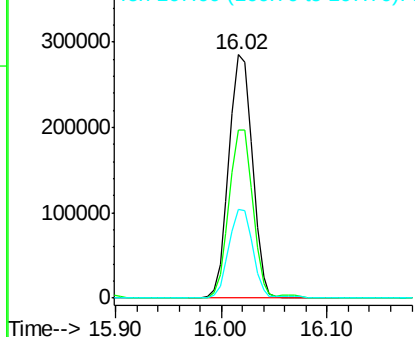


#66
 n-Nitrosodiphenylamine
 Concen: 43.697 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:169 Resp: 439090
 Ion Ratio Lower Upper
 169 100
 168 68.8 56.6 85.0
 167 36.3 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

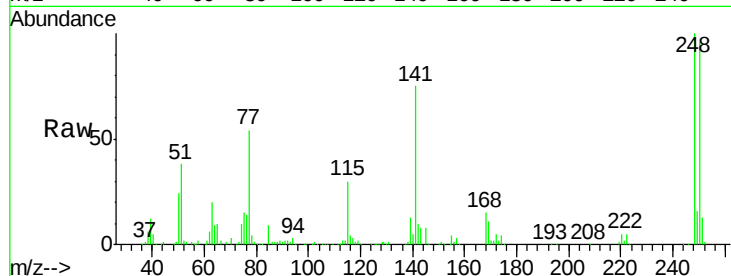




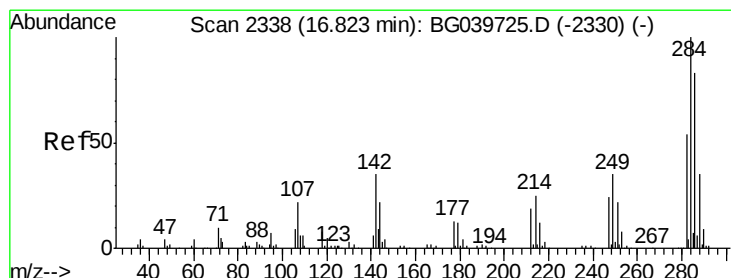
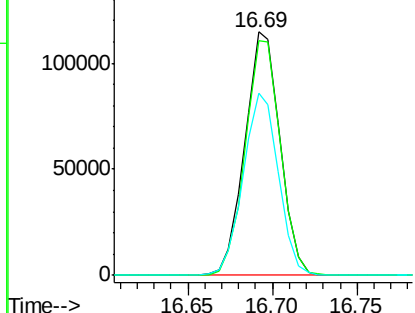
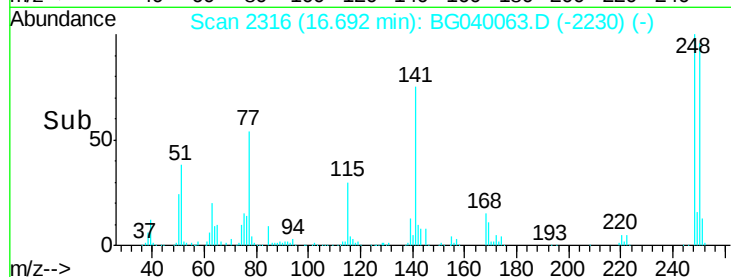
#67
 4-Bromophenyl-phenylether
 Concen: 42.666 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.03 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion:248 Resp: 165765
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.6 116.4
 141 74.6 63.9 95.9

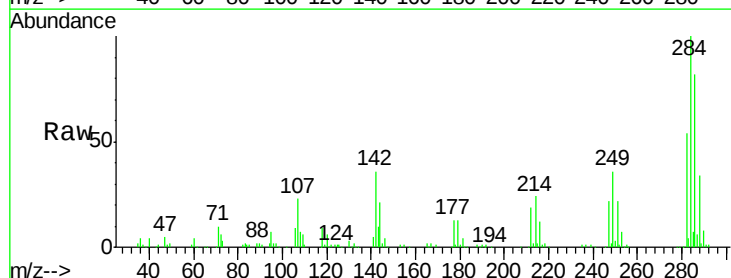


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

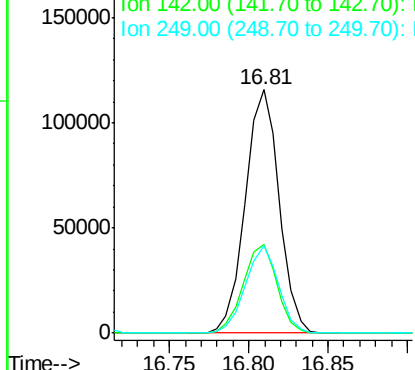
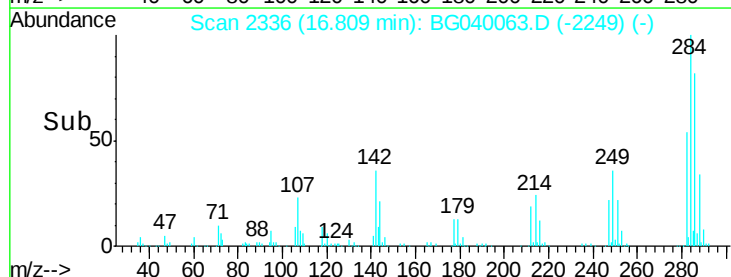


#68
 Hexachlorobenzene
 Concen: 42.501 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:284 Resp: 171160
 Ion Ratio Lower Upper
 284 100
 142 36.4 30.6 45.8
 249 36.0 28.2 42.2



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

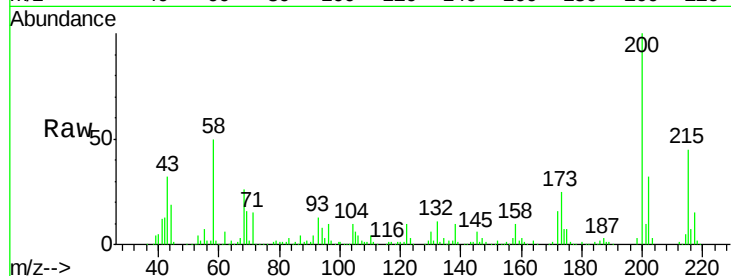




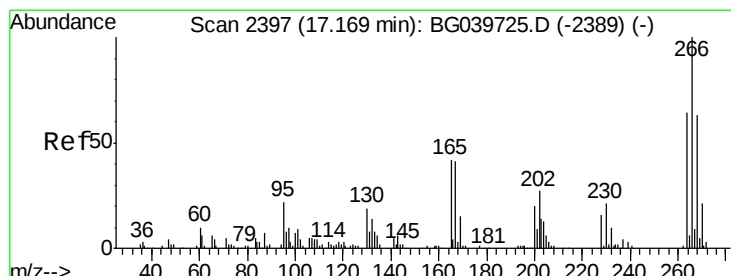
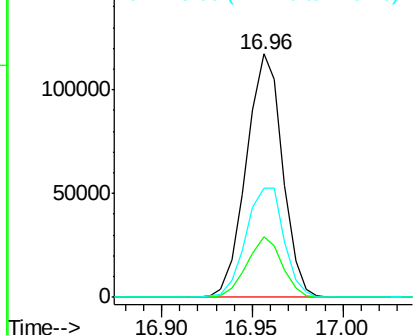
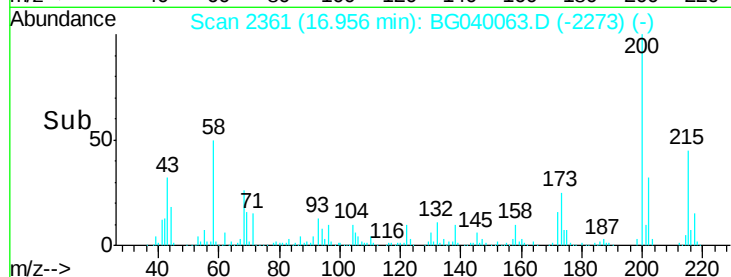
#69
 Atrazine
 Concen: 41.011 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.9	43.9
215	45.0	30.9	70.9

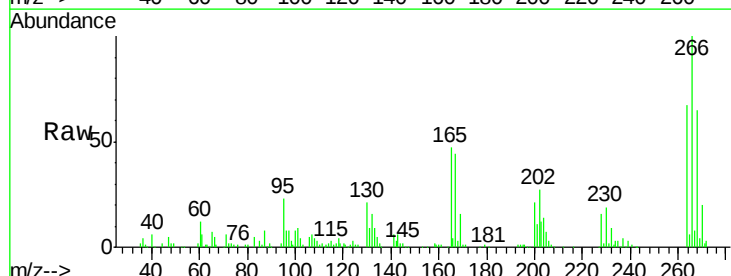


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

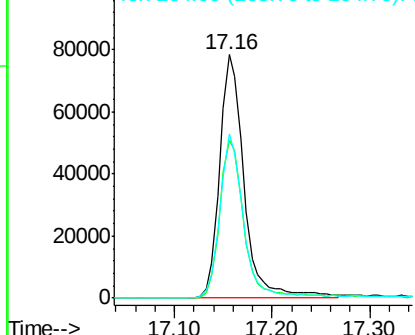
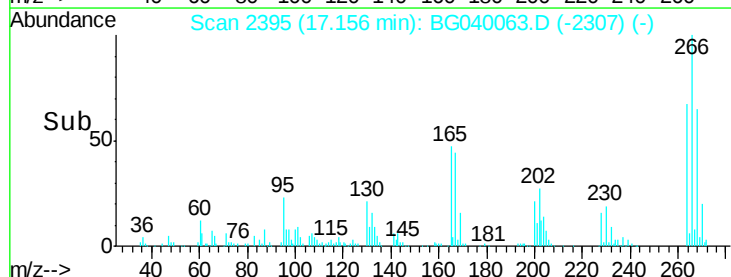


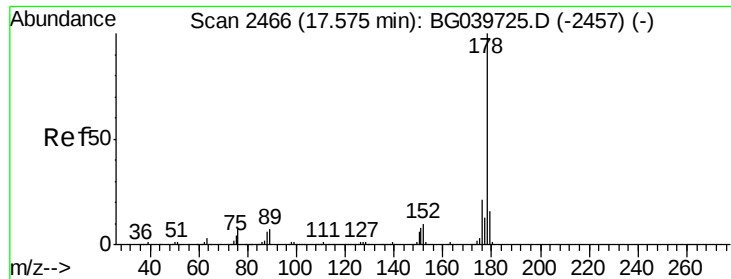
#70
 Pentachlorophenol
 Concen: 53.778 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	67.2	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: 41.571 ng

RT: 17.56 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

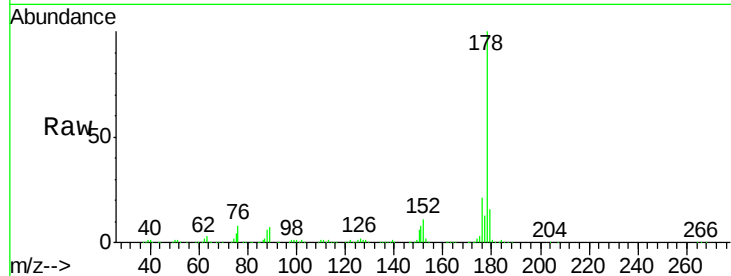
Tgt Ion:178 Resp: 794760

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

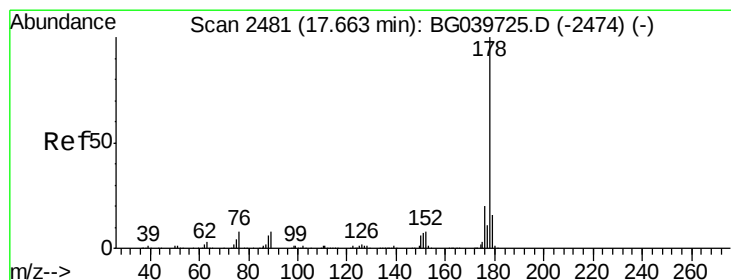
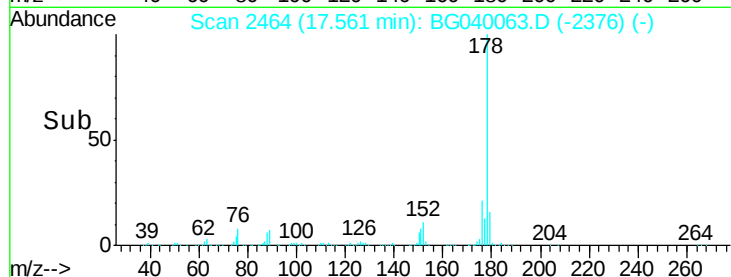
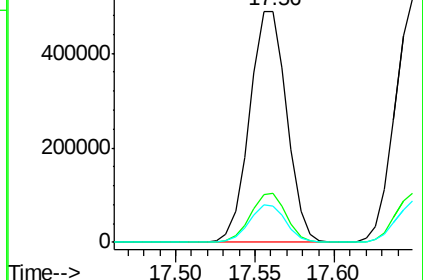
179 16.0 12.6 19.0



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: 43.187 ng

RT: 17.65 min Scan# 2479

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

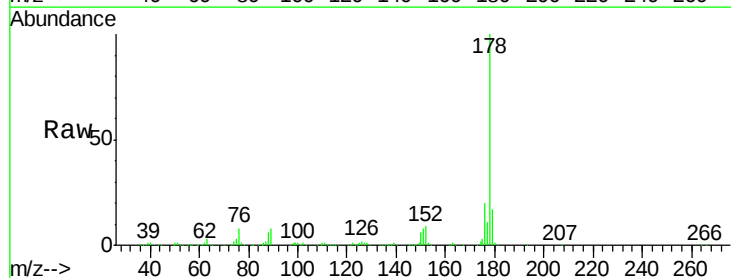
Tgt Ion:178 Resp: 804590

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

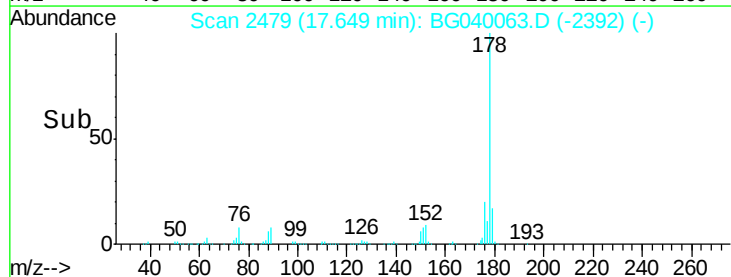
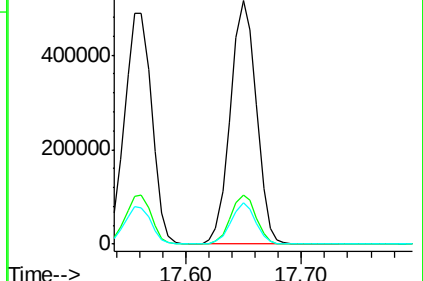
179 16.8 12.5 18.7



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

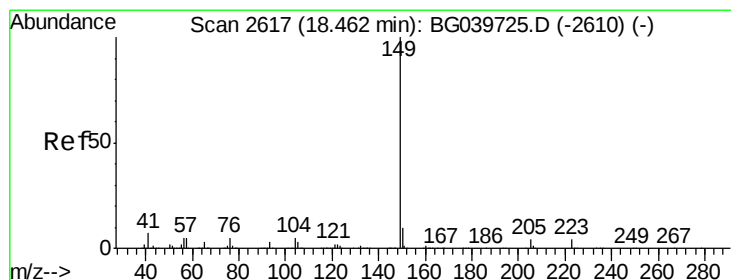
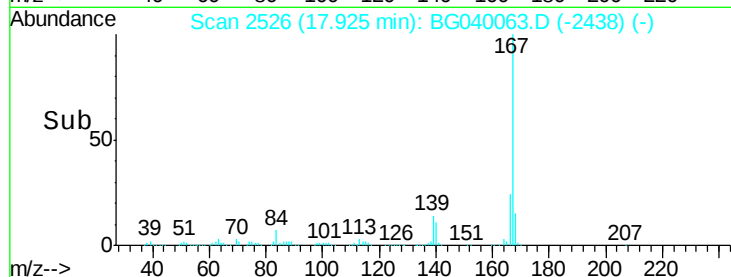
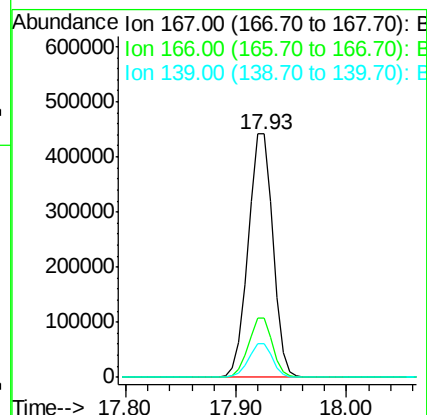
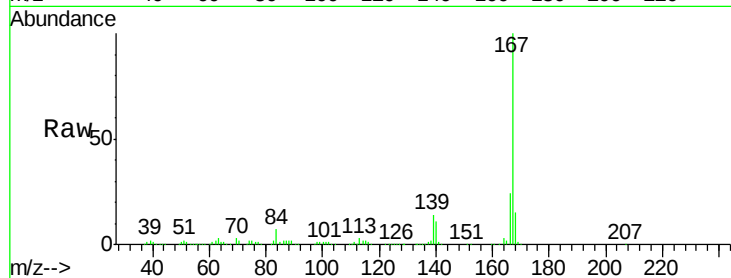




#73
 Carbazole
 Concen: 41.530 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

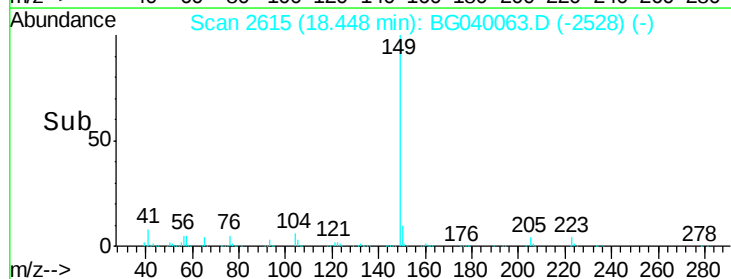
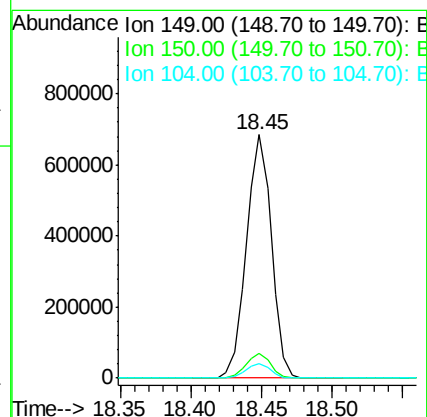
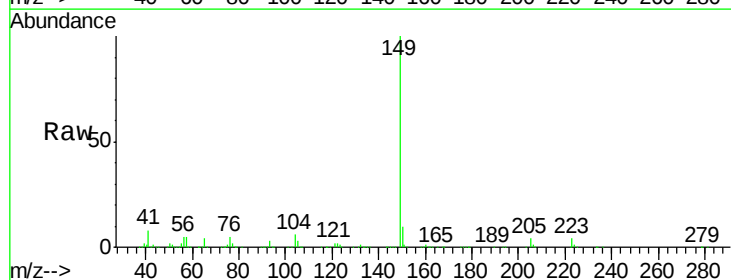
Instrument :
 BNA_G
 ClientSampleId :
 PB118109BS

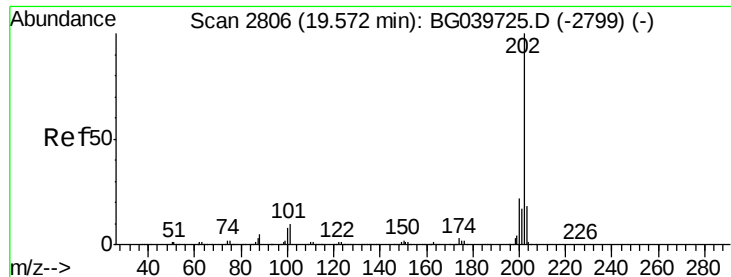
Tgt Ion:167 Resp: 697525
 Ion Ratio Lower Upper
 167 100
 166 24.2 19.4 29.2
 139 13.8 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.909 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040063.D
 Acq: 21 Mar 2019 10:26

Tgt Ion:149 Resp: 847939
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 41.162 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

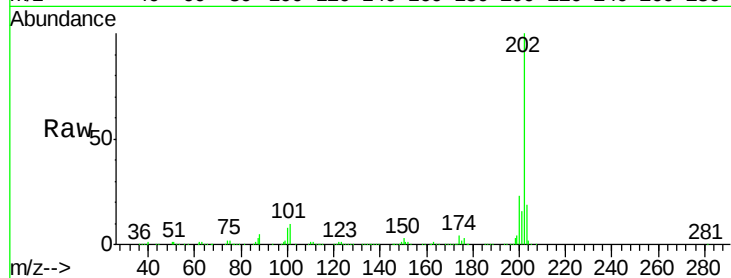
Tgt Ion:202 Resp: 930028

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

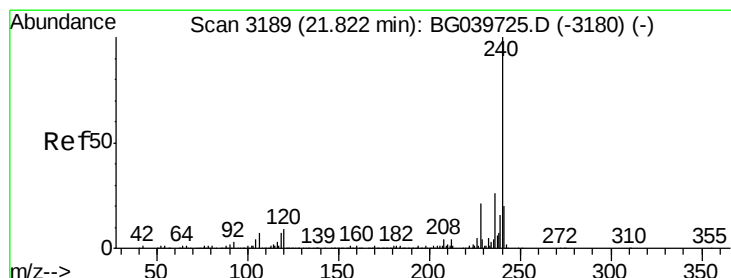
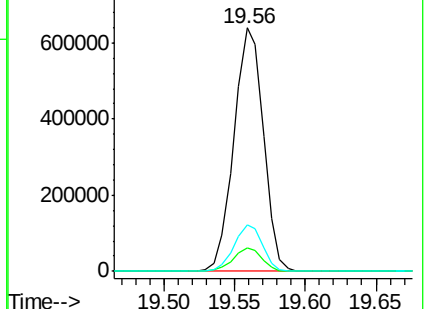
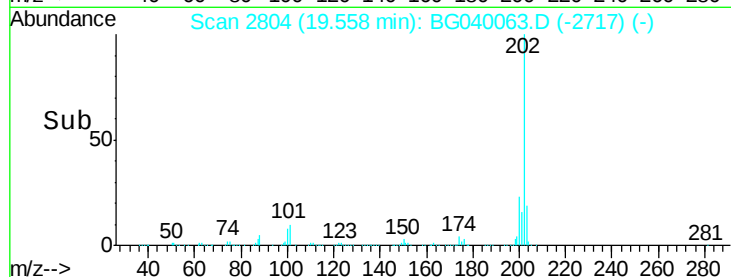
203 18.9 0.0 38.9



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: 21.80 min Scan# 3186

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

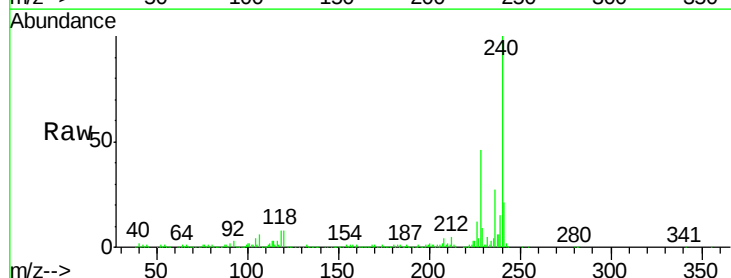
Tgt Ion:240 Resp: 337953

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

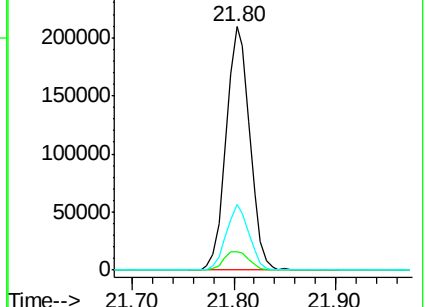
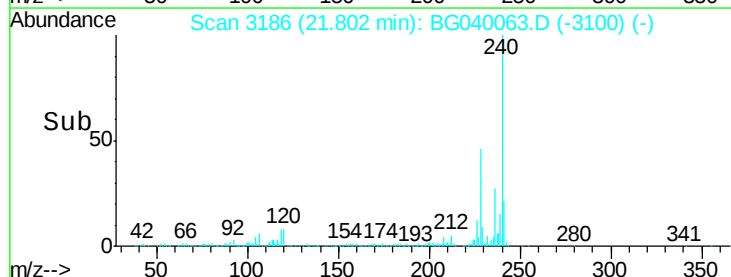
236 26.8 21.0 31.4

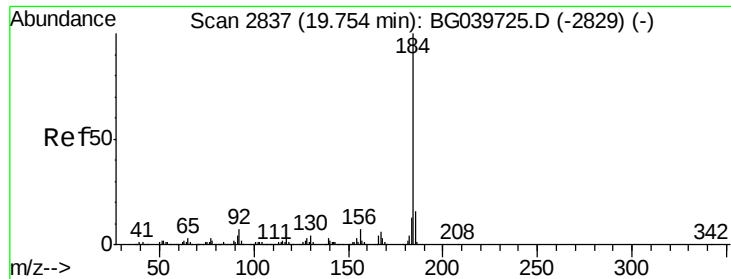


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.501 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

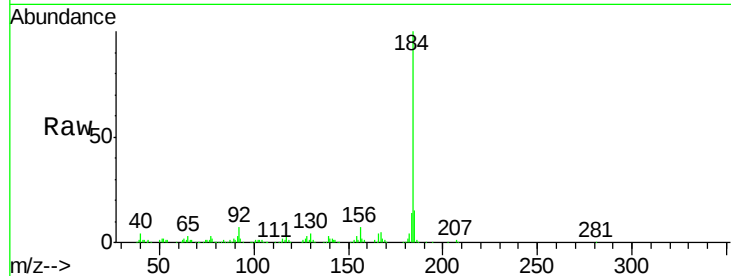
Tgt Ion:184 Resp: 219863

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

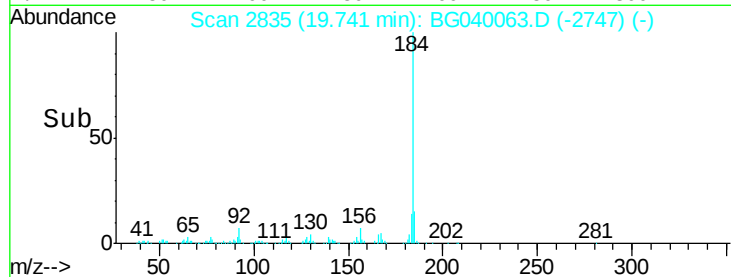
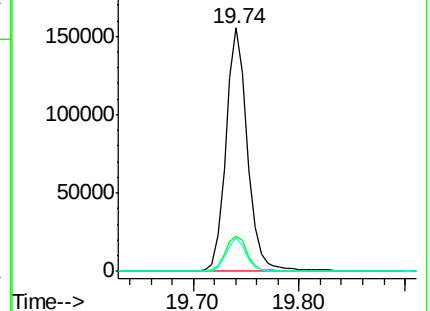
183 13.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.527 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

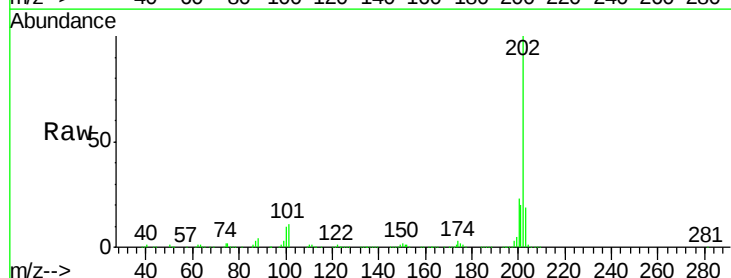
Tgt Ion:202 Resp: 933915

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.8

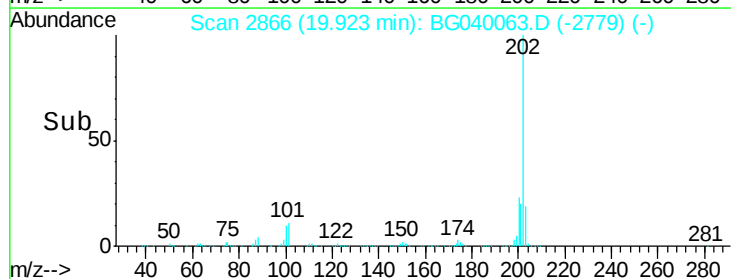
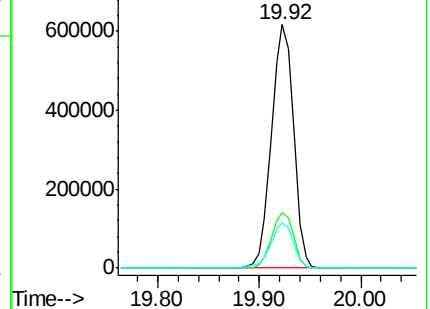
203 18.5 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.189 ng

RT: 20.10 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

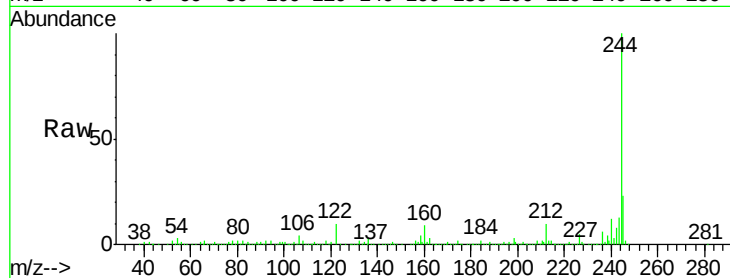
Tgt Ion:244 Resp: 1338256

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

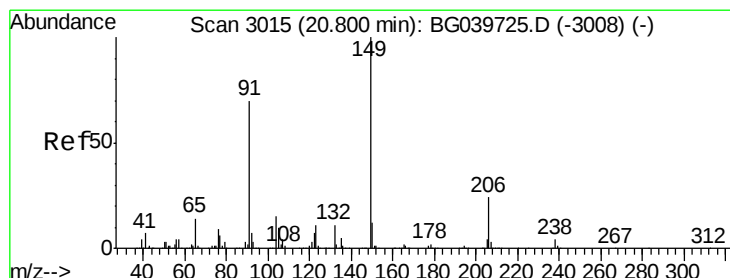
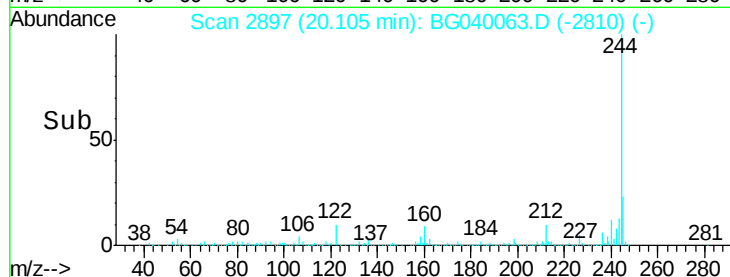
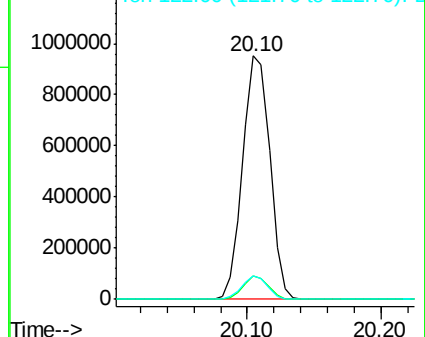
122 9.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.235 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

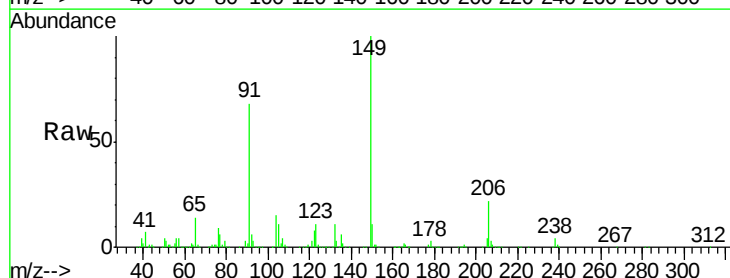
Tgt Ion:149 Resp: 393371

Ion Ratio Lower Upper

149 100

91 68.2 59.5 89.3

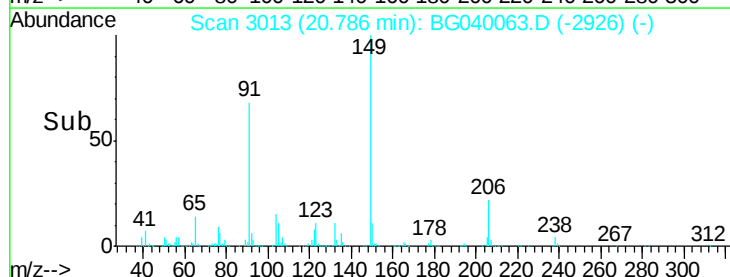
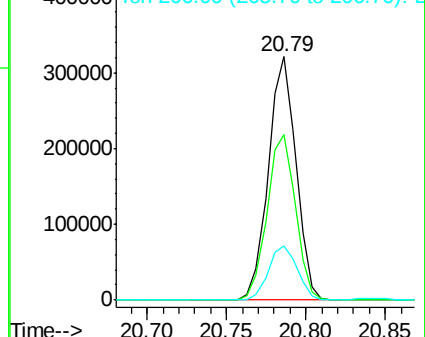
206 22.5 18.6 27.8

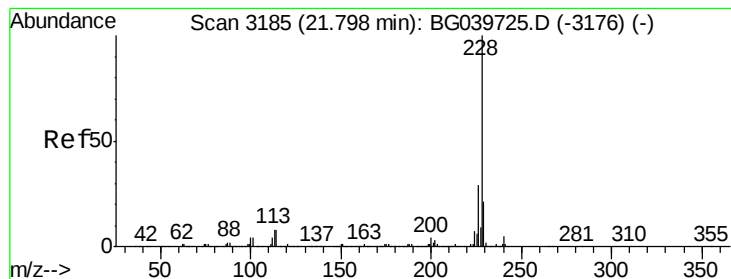


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.973 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

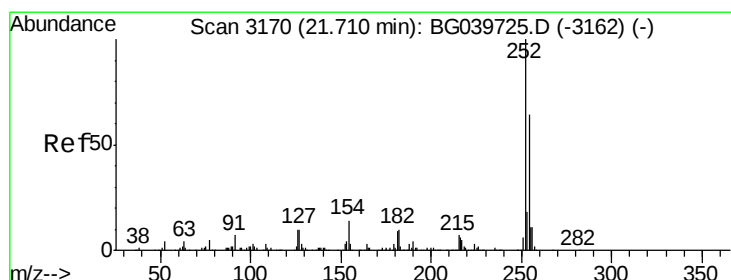
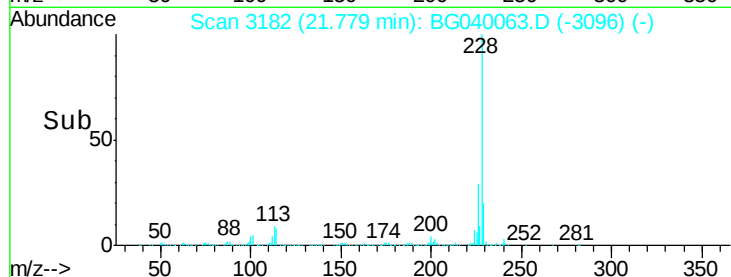
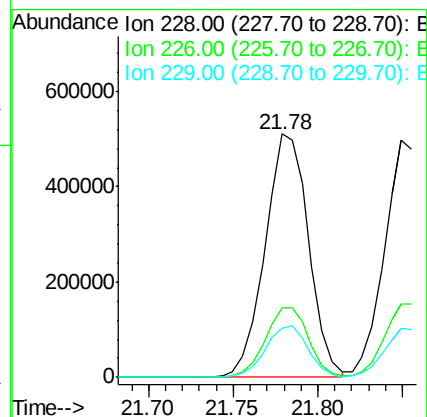
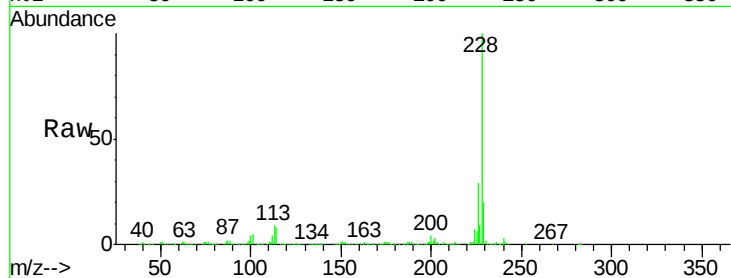
Tgt Ion:228 Resp: 910197

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.6

229 20.4 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 21.536 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

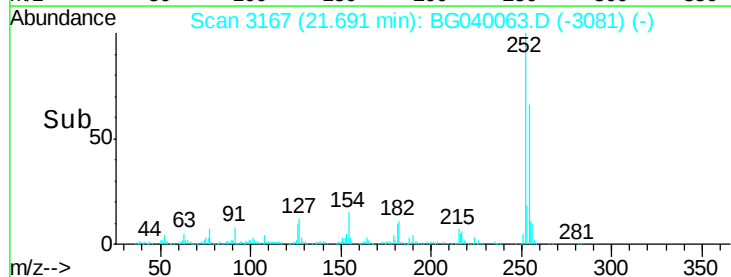
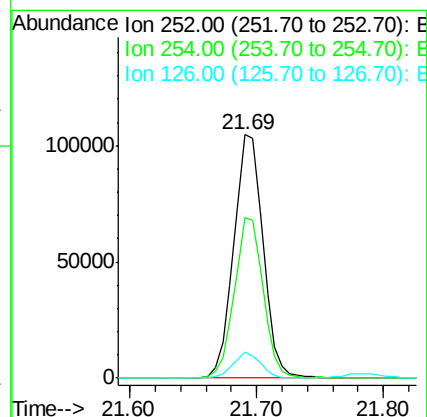
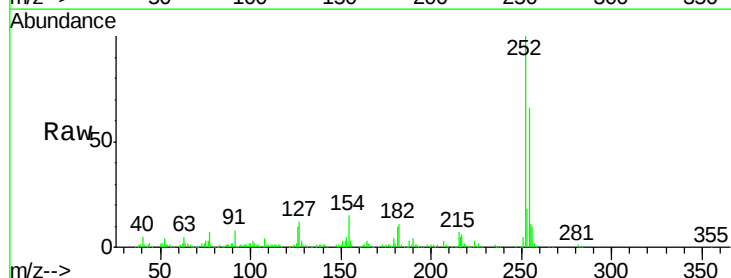
Tgt Ion:252 Resp: 166534

Ion Ratio Lower Upper

252 100

254 65.9 51.3 76.9

126 10.4 8.0 12.0





#83

Chrysene

Concen: 41.477 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

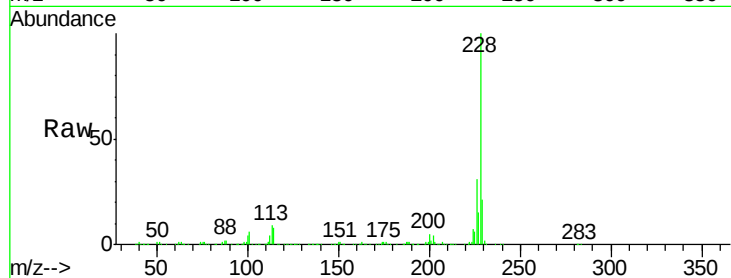
Tgt Ion:228 Resp: 851682

Ion Ratio Lower Upper

228 100

226 31.2 25.8 38.6

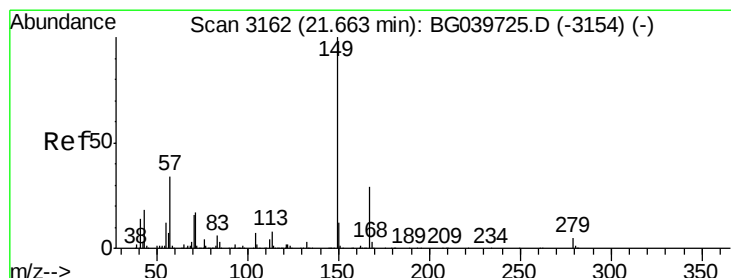
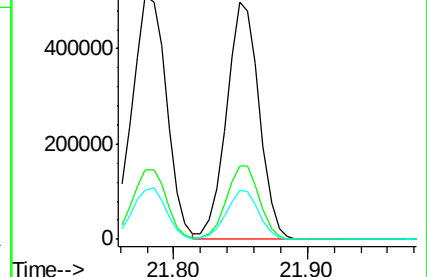
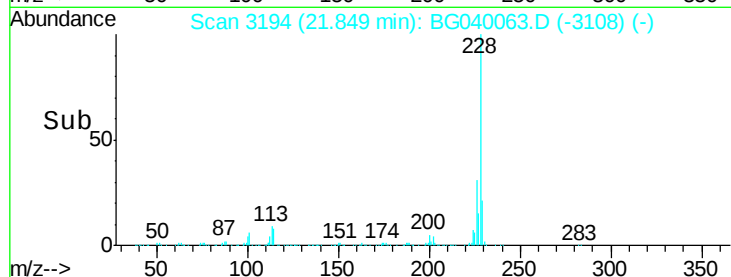
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.469 ng

RT: 21.64 min Scan# 3159

Delta R.T. -0.03 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

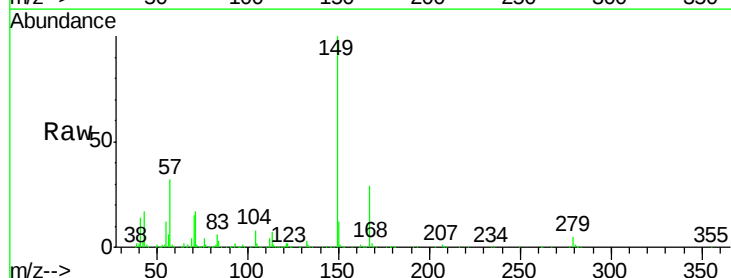
Tgt Ion:149 Resp: 543614

Ion Ratio Lower Upper

149 100

167 29.2 22.6 34.0

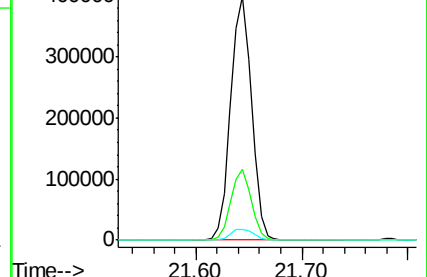
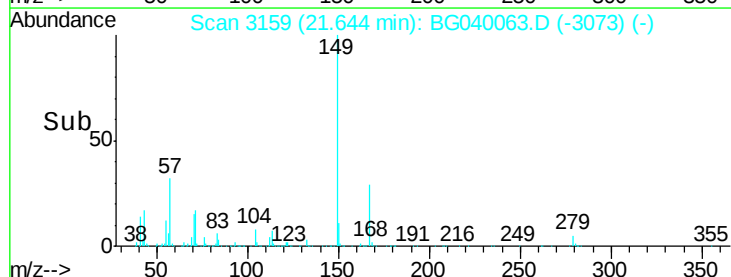
279 4.6 3.5 5.3

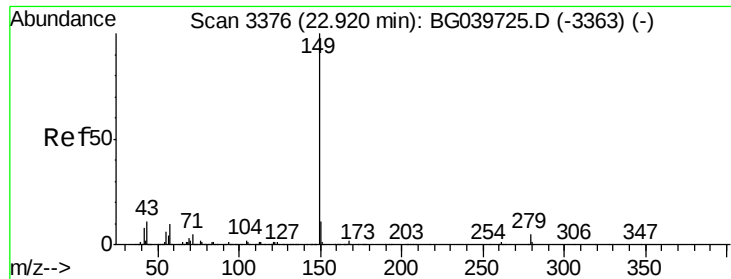


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.237 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

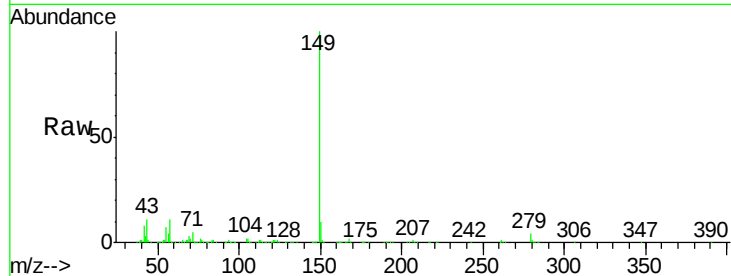
Tgt Ion:149 Resp: 935118

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

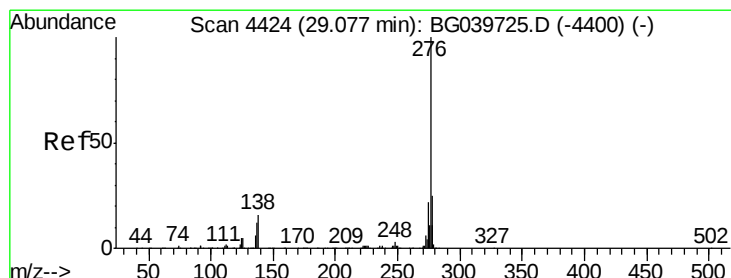
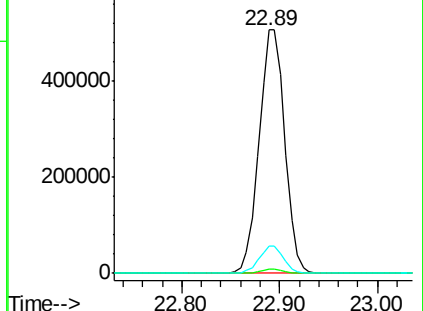
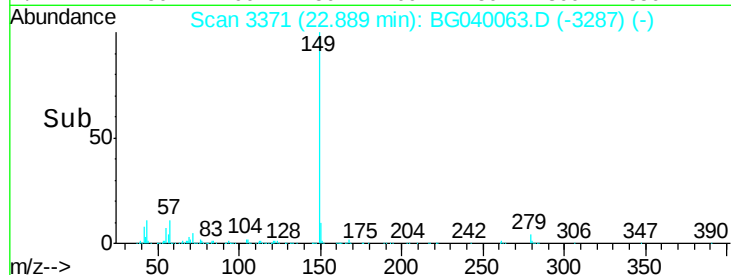
43 10.7 10.2 15.4



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: 44.654 ng

RT: 29.04 min Scan# 4418

Delta R.T. -0.05 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

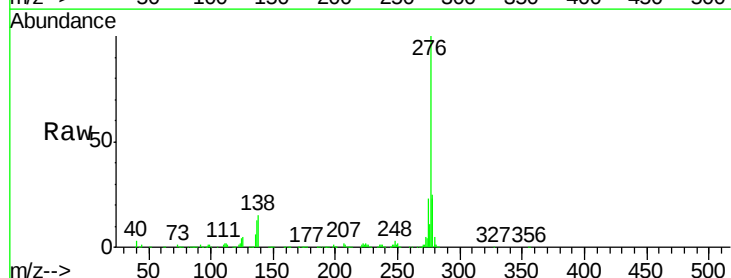
Tgt Ion:276 Resp: 1040201

Ion Ratio Lower Upper

276 100

138 20.2 12.6 19.0#

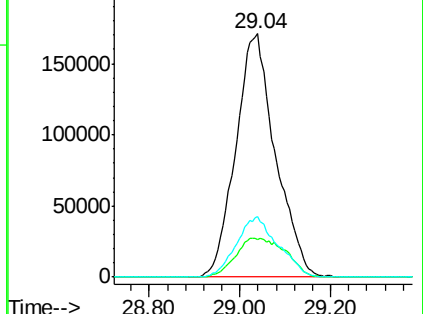
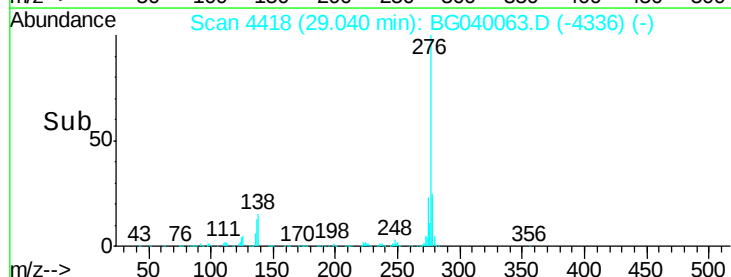
277 25.9 20.8 31.2

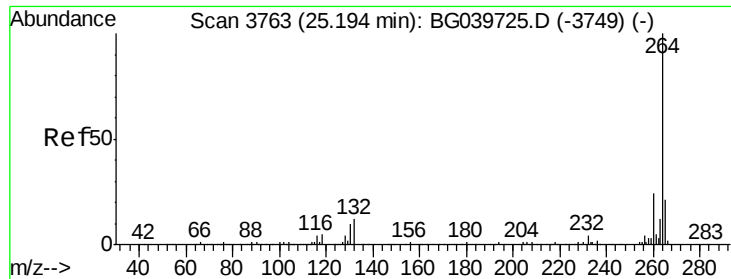


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



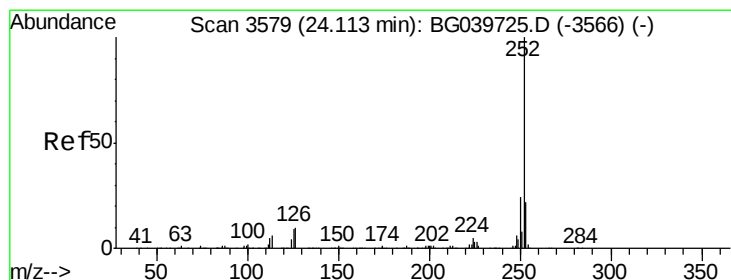
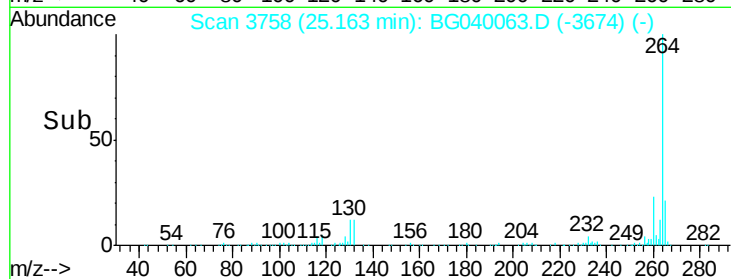
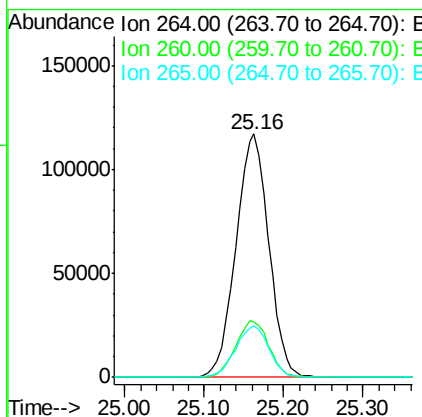
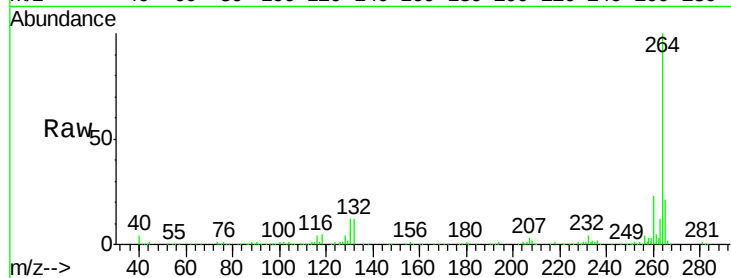


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3758
Delta R.T. -0.04 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion: 264 Resp: 336027

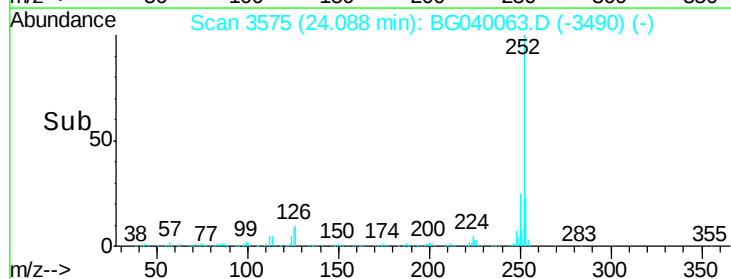
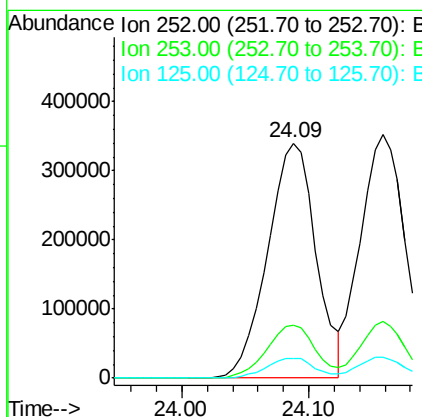
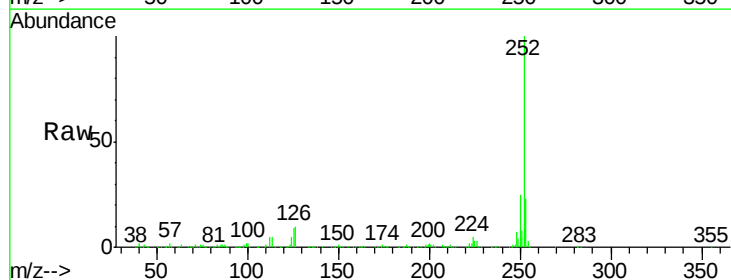
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.4	18.5	27.7

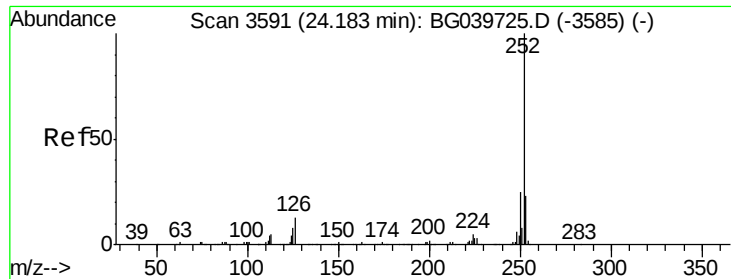


#88
Benzo(b)fluoranthene
Concen: 44.779 ng
RT: 24.09 min Scan# 3575
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion: 252 Resp: 897277

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.6	7.8	11.6

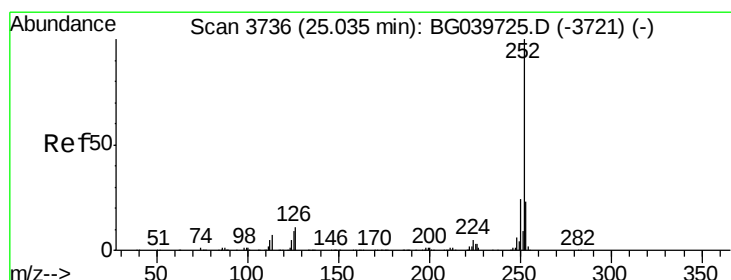
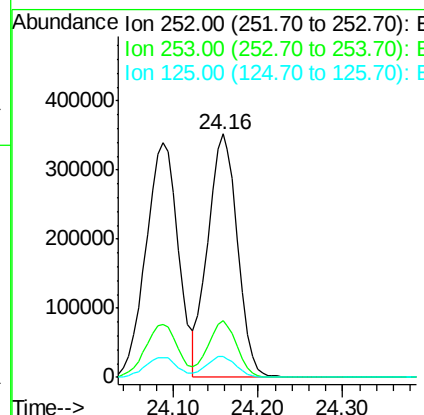
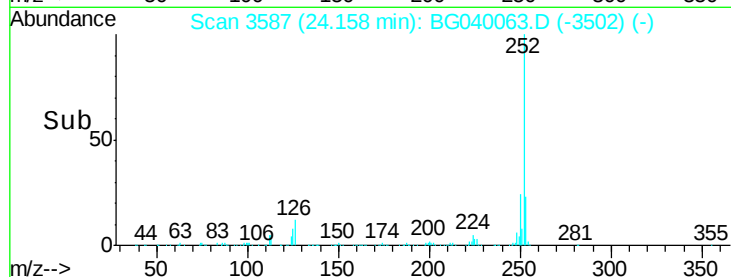
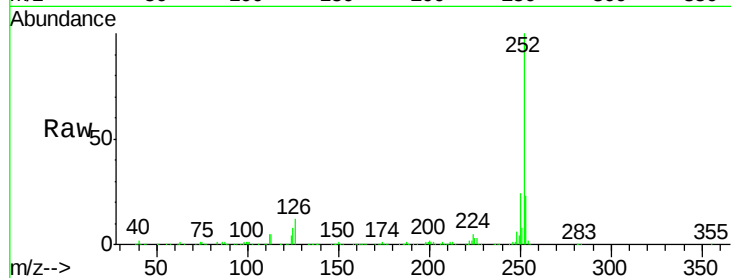




#89
Benzo(k)fluoranthene
Concen: 46.040 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

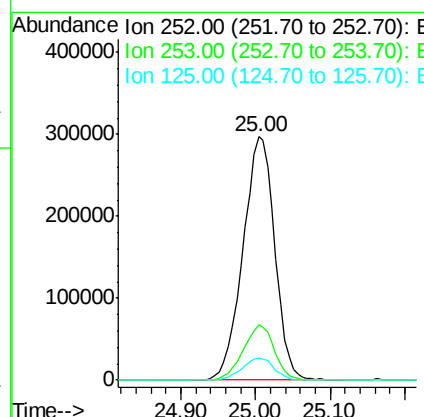
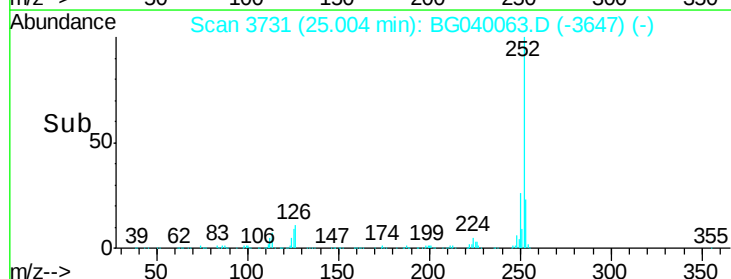
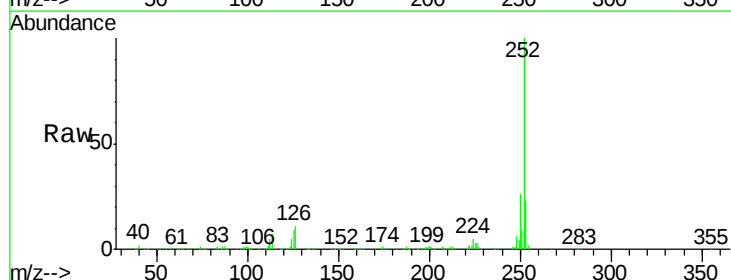
Instrument :
BNA_G
ClientSampleId :
PB118109BS

Tgt Ion:252 Resp: 858753
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 8.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 47.290 ng
RT: 25.00 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BG040063.D
Acq: 21 Mar 2019 10:26

Tgt Ion:252 Resp: 875630
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.088 ng

RT: 29.09 min Scan# 4427

Delta R.T. -0.06 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

Instrument :

BNA_G

ClientSampleId :

PB118109BS

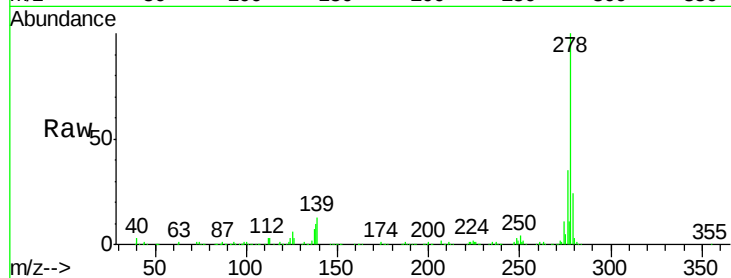
Tgt Ion:278 Resp: 836610

Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

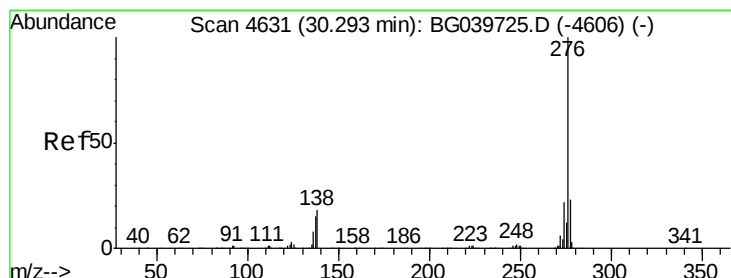
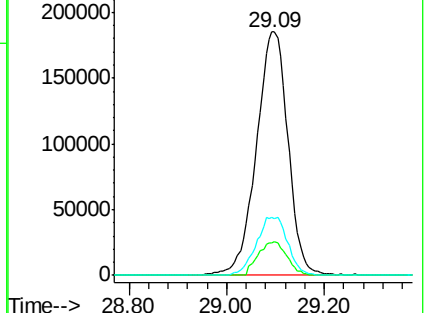
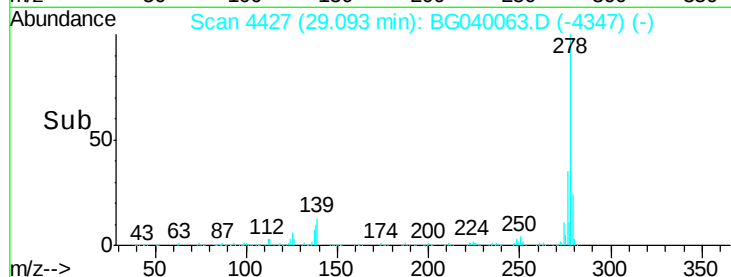
279 23.8 19.1 28.7



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: 47.234 ng

RT: 30.26 min Scan# 4625

Delta R.T. -0.06 min

Lab File: BG040063.D

Acq: 21 Mar 2019 10:26

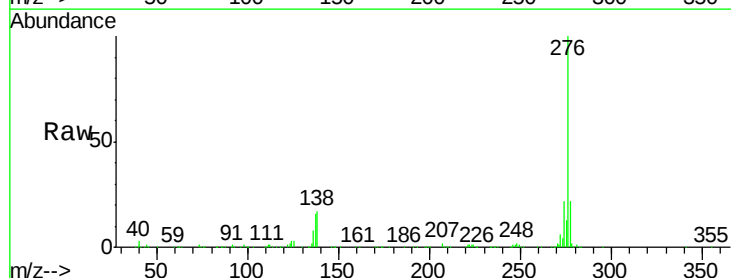
Tgt Ion:276 Resp: 861118

Ion Ratio Lower Upper

276 100

277 22.3 19.6 29.4

138 17.2 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

