

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040460.D
 Acq On : 12 Apr 2019 14:07
 Operator : JU/SJ
 Sample : IDOCSS-02
 Misc : SOIL IDOC
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:40:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47775	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	197466	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	129684	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	354804	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	386267	20.00	ng	-0.03
87) Perylene-d12	24.97	264	373753	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	396526	137.98	ng	-0.02
7) Phenol-d6	7.20	99	535524	134.84	ng	-0.02
23) Nitrobenzene-d5	9.22	82	325302	87.56	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	219395	156.54	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	752577	85.99	ng	-0.03
79) Terphenyl-d14	20.02	244	1415529	82.44	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	48134	35.620	ng	97
3) Pyridine	3.89	79	117049	32.171	ng	98
4) n-Nitrosodimethylamine	3.81	42	63210	37.558	ng	# 89
6) Aniline	7.37	93	147417	28.569	ng	96
8) 2-Chlorophenol	7.61	128	136262	40.505	ng	97
9) Benzaldehyde	7.19	77	58946	21.637	ng	96
10) Phenol	7.23	94	177976	41.285	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	131529	38.093	ng	99
12) 1,3-Dichlorobenzene	7.93	146	137657	37.642	ng	95
13) 1,4-Dichlorobenzene	8.08	146	140167	38.483	ng	98
14) 1,2-Dichlorobenzene	8.40	146	134129	38.508	ng	99
15) Benzyl Alcohol	8.28	79	122631	38.339	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	249568	37.662	ng	100
17) 2-Methylphenol	8.48	107	122672	41.123	ng	96
18) Hexachloroethane	9.12	117	52277	37.733	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	102677	36.057	ng	99
20) 3+4-Methylphenols	8.81	107	170343	42.152	ng	98
22) Acetophenone	8.87	105	202810	41.173	ng	98
24) Nitrobenzene	9.26	77	157350	40.902	ng	98
25) Isophorone	9.78	82	302333	39.552	ng	99
26) 2-Nitrophenol	9.97	139	74723	40.992	ng	99
27) 2,4-Dimethylphenol	10.02	122	142354	49.164	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	179994	39.801	ng	99
29) 2,4-Dichlorophenol	10.51	162	139581	44.412	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	139436	40.405	ng	98
31) Naphthalene	10.91	128	420088	41.504	ng	99
32) Benzoic acid	10.16	122	34600	19.778	ng	92
33) 4-Chloroaniline	11.03	127	119515	27.682	ng	96
34) Hexachlorobutadiene	11.17	225	84256	38.175	ng	96
35) Caprolactam	11.81	113	55085	44.166	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	161707	44.756	ng	98
37) 2-Methylnaphthalene	12.51	142	319841	42.727	ng	98
38) 1-Methylnaphthalene	12.73	142	303318	41.786	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	163834	39.748	ng	98

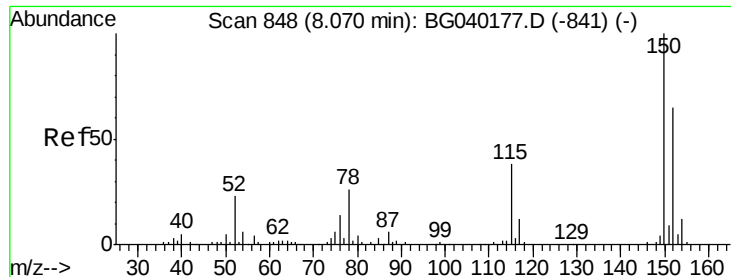
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040460.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	172640	76.282	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	114084	42.930	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	127469	44.007	ng	99
46) 1,1'-Biphenyl	13.51	154	411879	40.196	ng	97
47) 2-Chloronaphthalene	13.56	162	316947	40.325	ng	99
48) 2-Nitroaniline	13.77	65	118388	44.654	ng	95
49) Acenaphthylene	14.40	152	541530	40.636	ng	99
50) Dimethylphthalate	14.13	163	431533	42.517	ng	99
51) 2,6-Dinitrotoluene	14.26	165	99329	43.585	ng	99
52) Acenaphthene	14.74	154	316938	41.505	ng	98
53) 3-Nitroaniline	14.59	138	80190	33.242	ng	# 89
54) 2,4-Dinitrophenol	14.81	184	100586	82.992	ng	91
55) Dibenzofuran	15.08	168	524081	42.712	ng	99
56) 4-Nitrophenol	14.90	139	169644	87.133	ng	97
57) 2,4-Dinitrotoluene	15.05	165	148686	46.954	ng	99
58) Fluorene	15.72	166	423317	43.880	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	125723	47.831	ng	97
60) Diethylphthalate	15.48	149	468722	45.130	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	223167	43.278	ng	99
62) 4-Nitroaniline	15.76	138	121395	46.892	ng	99
63) Azobenzene	16.00	77	431185	44.013	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	79574	39.920	ng	99
66) n-Nitrosodiphenylamine	15.93	169	408479	39.343	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	150163	37.609	ng	99
68) Hexachlorobenzene	16.72	284	157765	39.298	ng	95
69) Atrazine	16.87	200	155602	40.288	ng	97
70) Pentachlorophenol	17.07	266	172130	74.163	ng	95
71) Phenanthrene	17.47	178	767089	41.133	ng	99
72) Anthracene	17.56	178	791836	42.421	ng	99
73) Carbazole	17.83	167	768580	43.507	ng	100
74) Di-n-butylphthalate	18.36	149	912342	43.570	ng	100
75) Fluoranthene	19.47	202	981471	44.445	ng	99
77) Benzidine	19.66	184	348948	25.017	ng	96
78) Pyrene	19.83	202	982942	38.696	ng	99
80) Butylbenzylphthalate	20.70	149	440317	40.509	ng	99
81) Benzo(a)anthracene	21.67	228	908433	38.182	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	266548	29.451	ng	99
83) Chrysene	21.74	228	911024	39.843	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	655941	42.216	ng	100
85) Di-n-octyl phthalate	22.76	149	1116980	42.194	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1119958	40.047	ng	# 91
88) Benzo(b)fluoranthene	23.92	252	1013308	44.283	ng	99
89) Benzo(k)fluoranthene	23.99	252	951136	45.199	ng	98
90) Benzo(a)pyrene	24.82	252	965941	44.991	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	893230	44.795	ng	98
92) Benzo(g,h,i)perylene	29.92	276	920535	44.920	ng	98

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

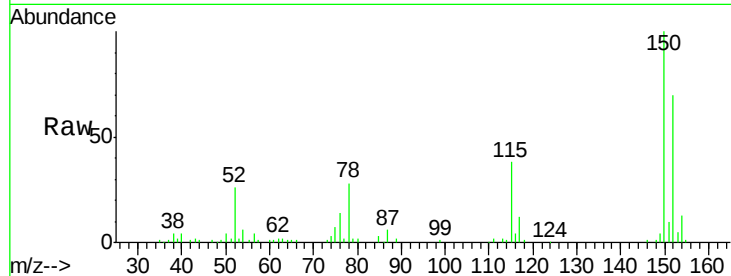


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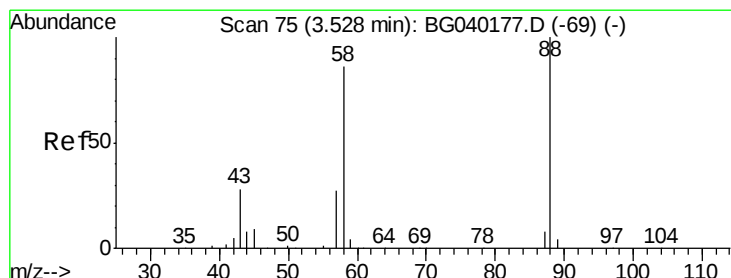
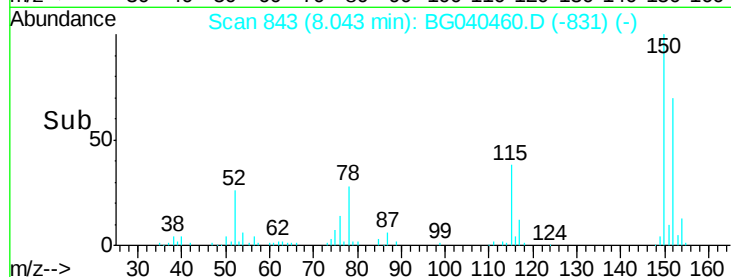
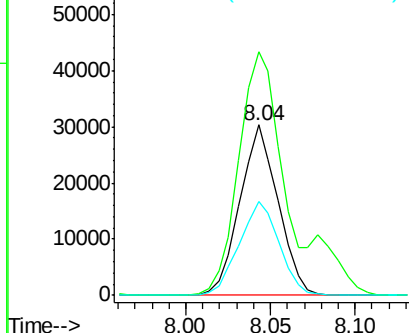
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 47775
Ion Ratio Lower Upper
152 100
150 142.8 123.7 185.5
115 54.8 46.9 70.3



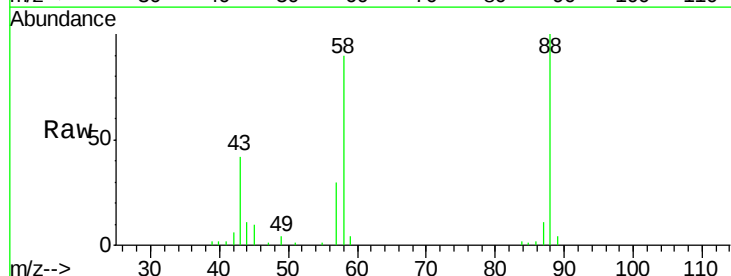
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



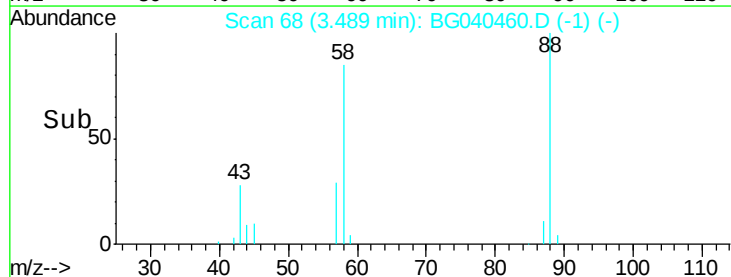
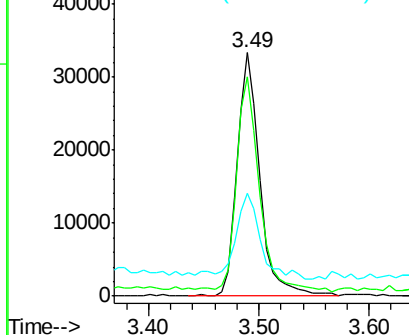
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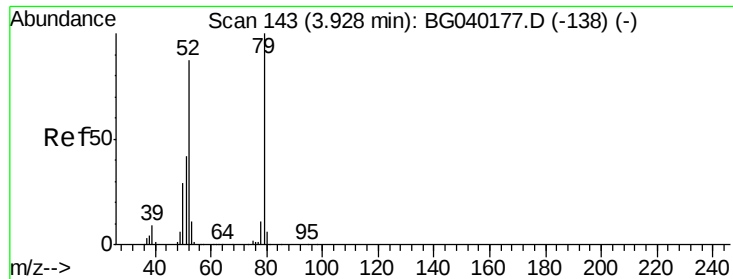
1,4-Dioxane
Concen: 35.620 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion: 88 Resp: 48134
Ion Ratio Lower Upper
88 100
58 89.1 70.6 106.0
43 37.0 24.8 37.2



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





#3

Pvridine

Concen: 32.171 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

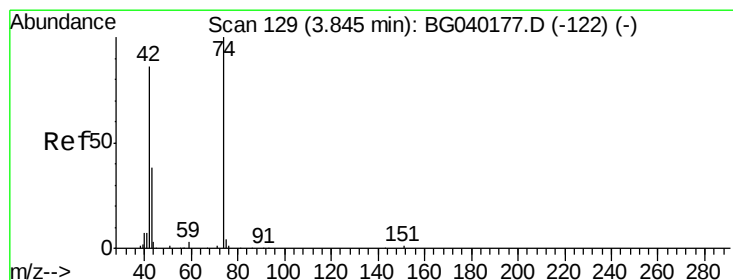
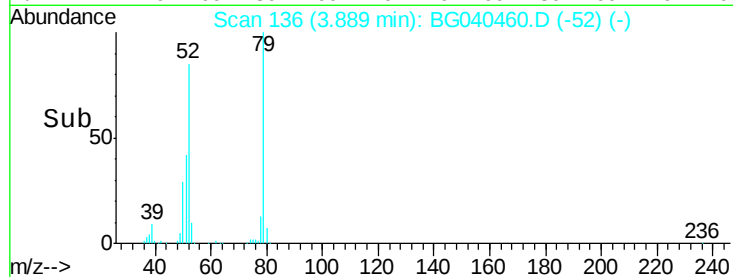
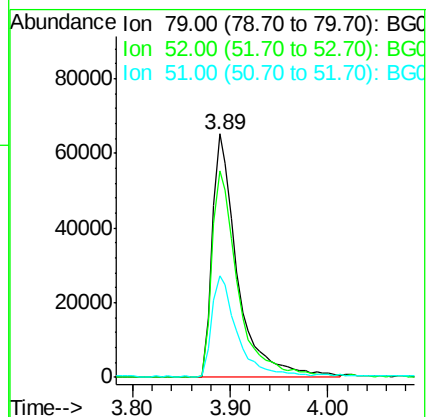
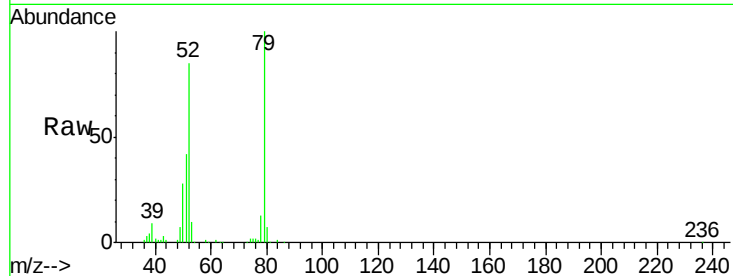
Tot Ion: 79 Resp: 117049

Ion Ratio Lower Upper

79 100

52 84.6 69.8 104.8

51 41.9 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.558 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

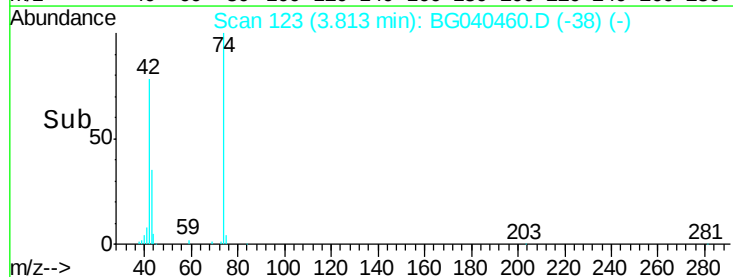
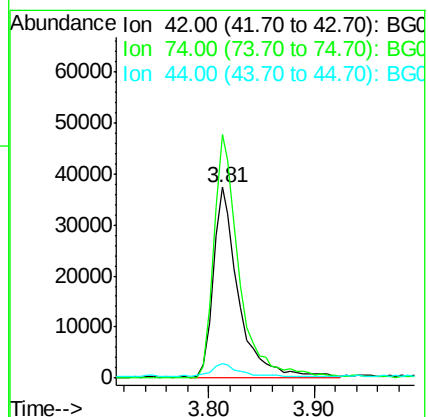
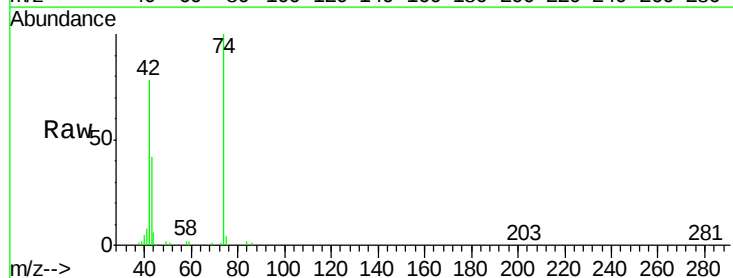
Tgt Ion: 42 Resp: 63210

Ion Ratio Lower Upper

42 100

74 127.4 92.9 139.3

44 7.4 9.7 14.5#





#5

2-Fluorophenol

Concen: 137.978 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

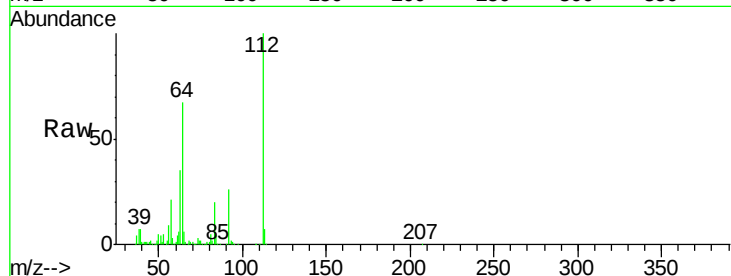
Tot Ion:112 Resp: 396526

Ion Ratio Lower Upper

112 100

64 66.9 54.2 81.2

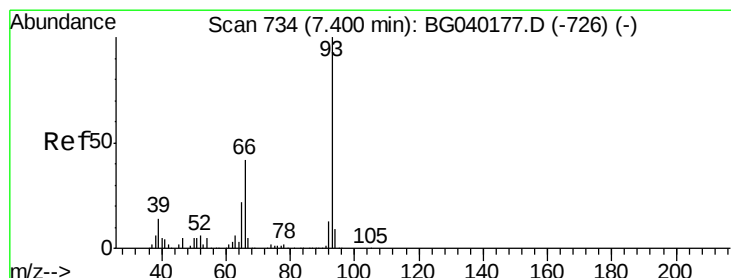
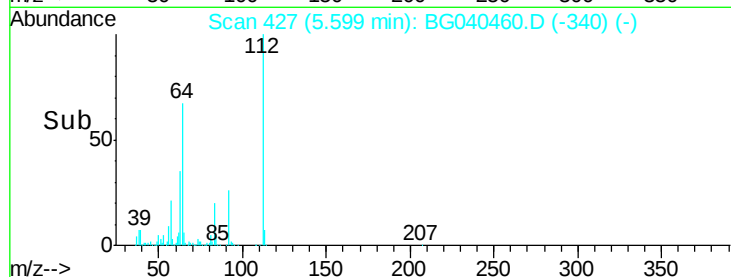
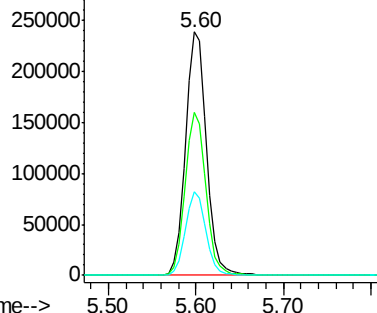
63 34.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.569 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

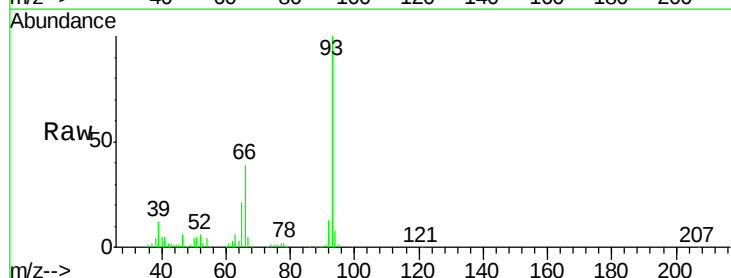
Tgt Ion: 93 Resp: 147417

Ion Ratio Lower Upper

93 100

66 38.6 33.6 50.4

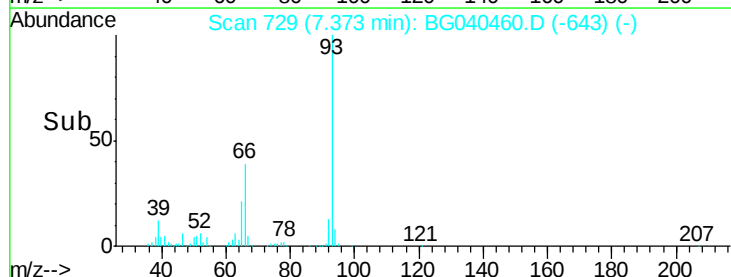
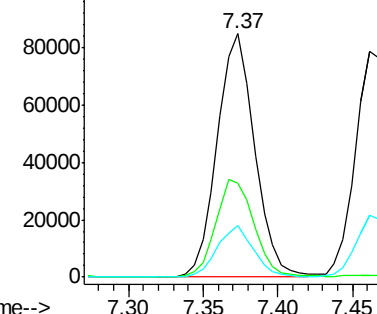
65 21.4 17.4 26.2

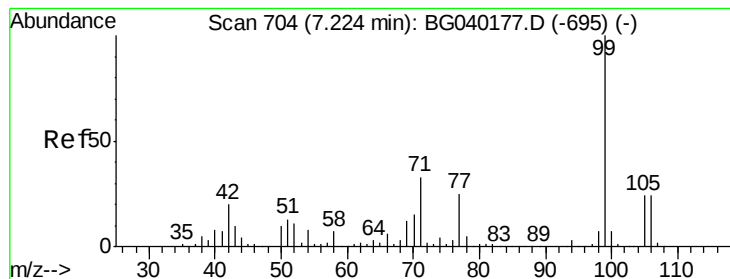


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.835 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampled :

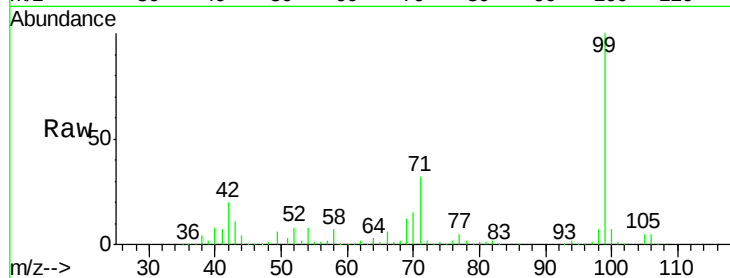
Tot Ion: 99 Resp: 535524

Ion Ratio Lower Upper

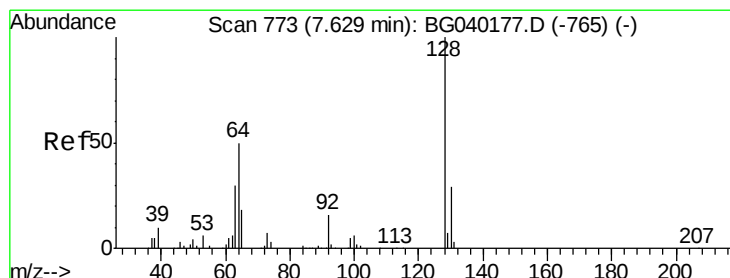
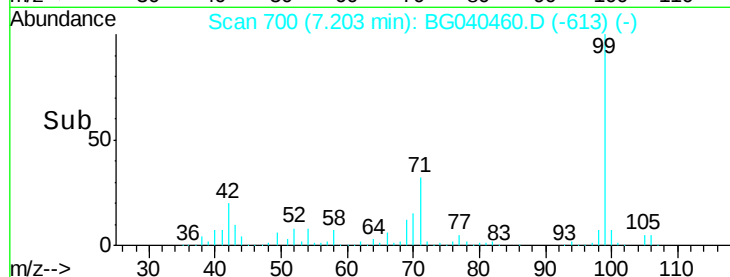
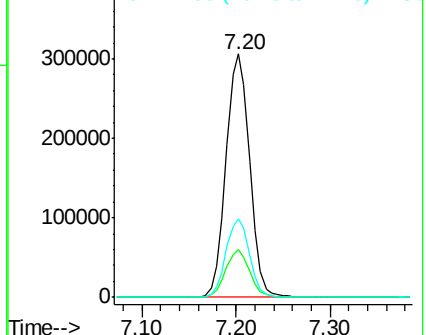
99 100

42 19.5 16.2 24.2

71 32.5 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.505 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

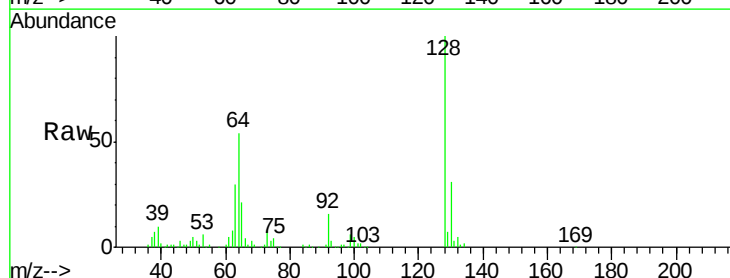
Tgt Ion: 128 Resp: 136262

Ion Ratio Lower Upper

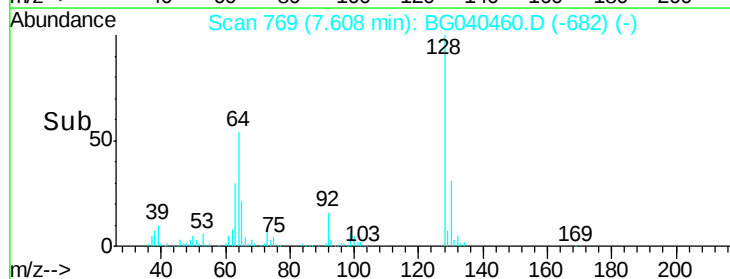
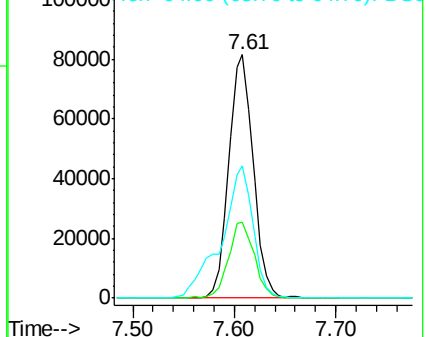
128 100

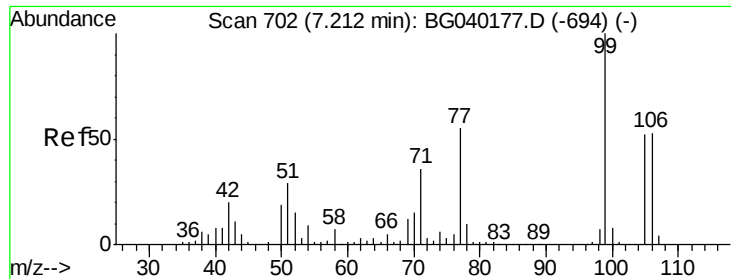
130 31.1 9.1 49.1

64 54.4 33.1 73.1



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





#9

Benzaldehyde

Concen: 21.637 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

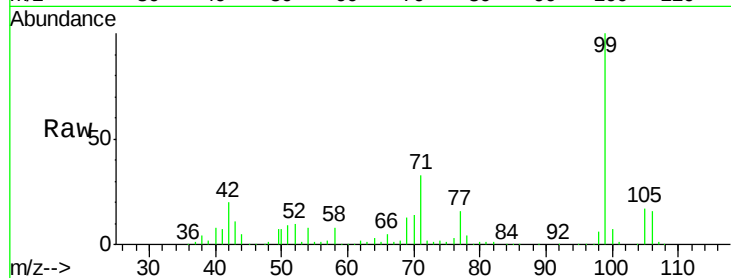
Tot Ion: 77 Resp: 58946

Ion Ratio Lower Upper

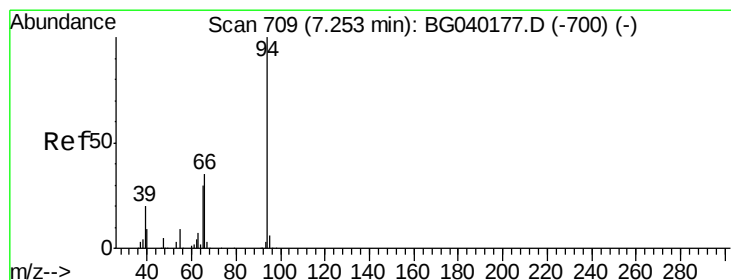
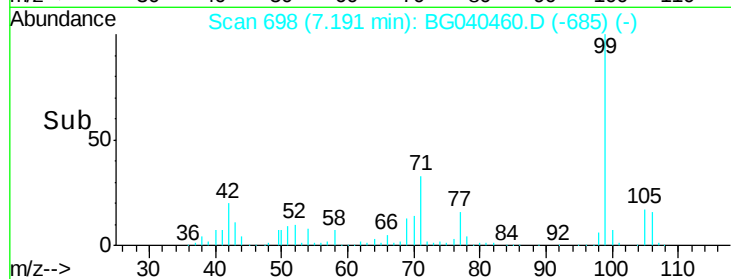
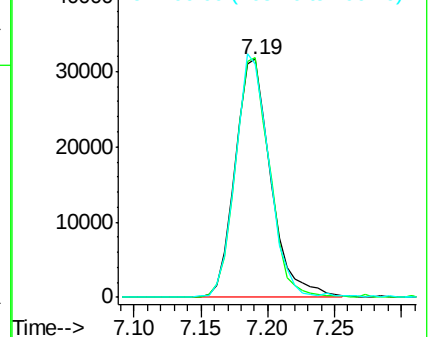
77 100

105 100.8 75.0 115.0

106 97.7 75.7 115.7



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: 41.285 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

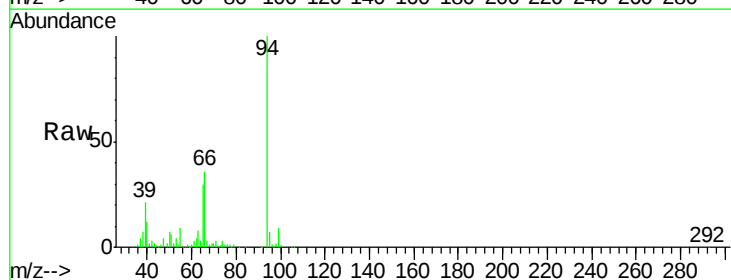
Tgt Ion: 94 Resp: 177976

Ion Ratio Lower Upper

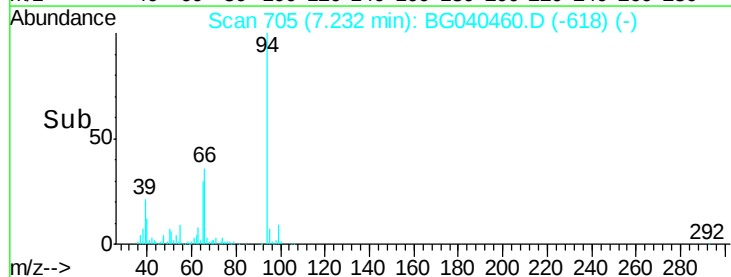
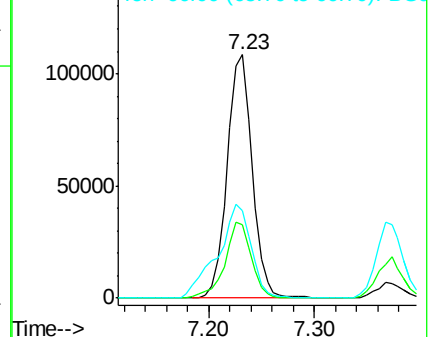
94 100

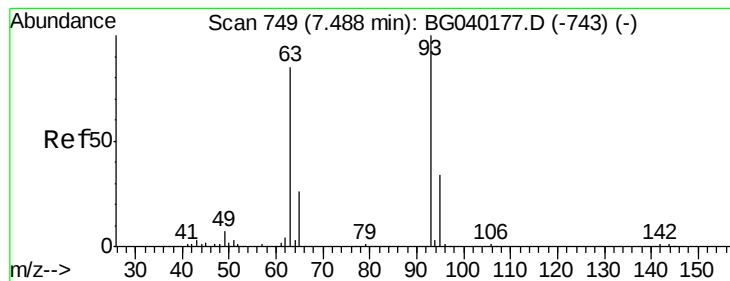
65 30.1 10.5 50.5

66 35.8 16.9 56.9



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: 38.093 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampled :

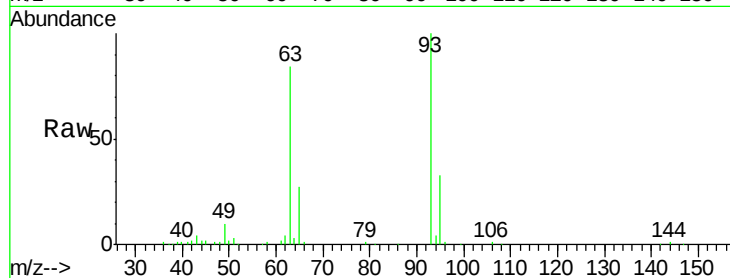
Tot Ion: 93 Resp: 131529

Ion Ratio Lower Upper

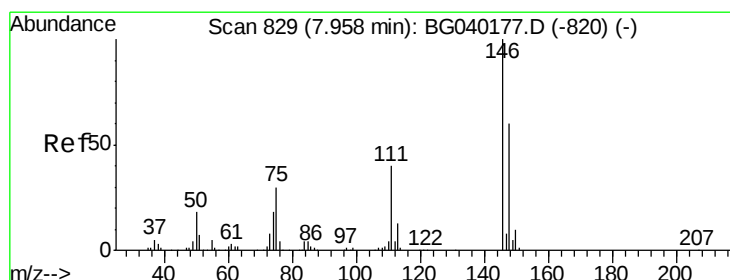
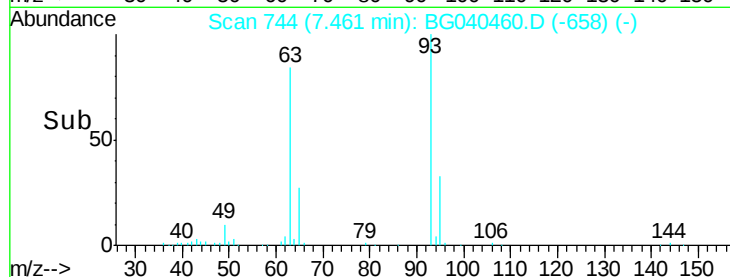
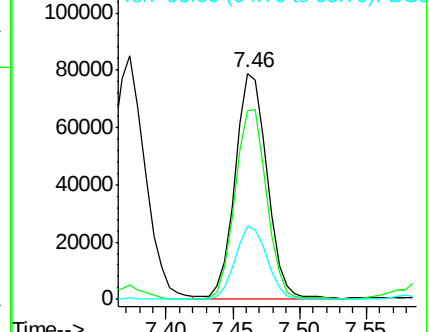
93 100

63 83.6 64.2 104.2

95 32.7 14.0 54.0



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



#12

1,3-Dichlorobenzene

Concen: 37.642 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

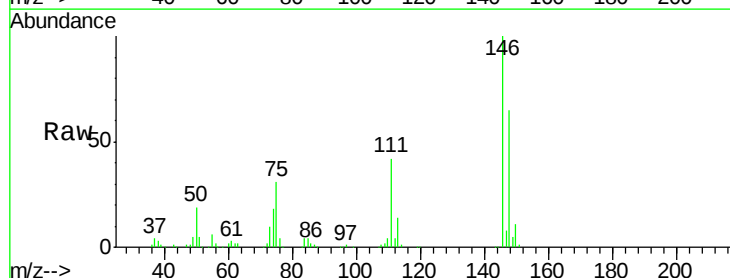
Tgt Ion: 146 Resp: 137657

Ion Ratio Lower Upper

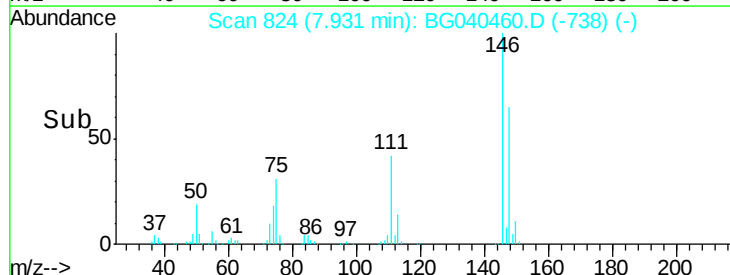
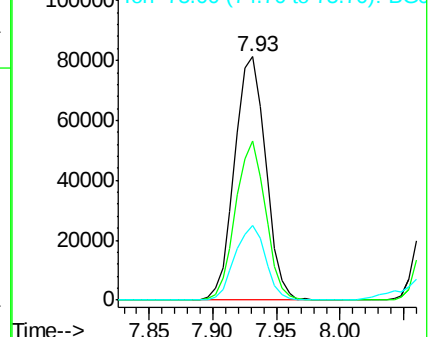
146 100

148 65.1 48.2 72.2

75 30.5 24.1 36.1



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





#13

1,4-Dichlorobenzene

Concen: 38.483 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

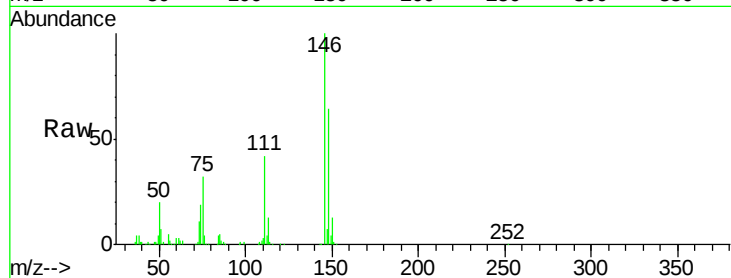
Tot Ion:146 Resp: 140167

Ion Ratio Lower Upper

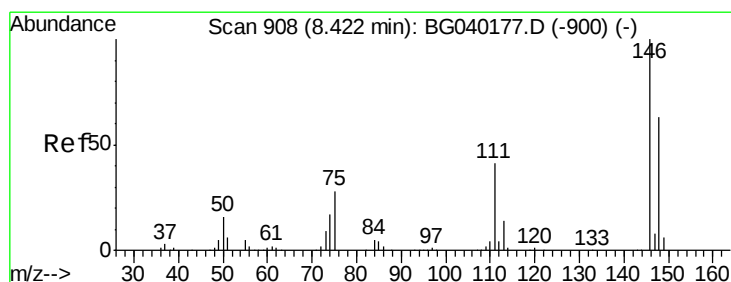
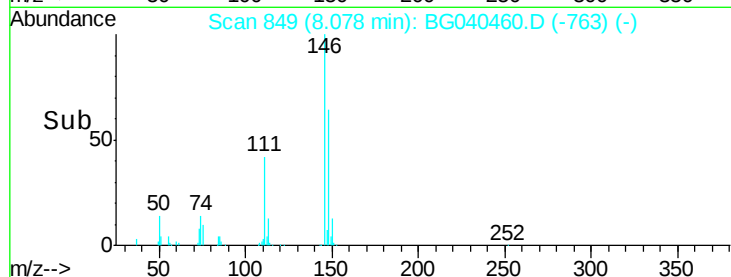
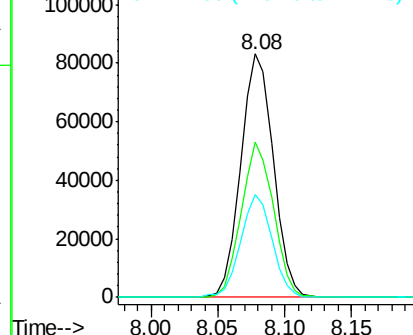
146 100

148 64.0 51.0 76.4

111 42.0 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 38.508 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

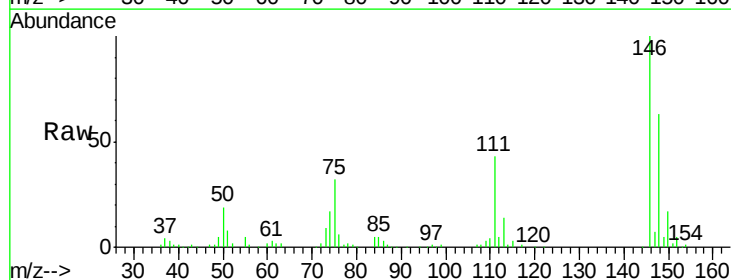
Tgt Ion:146 Resp: 134129

Ion Ratio Lower Upper

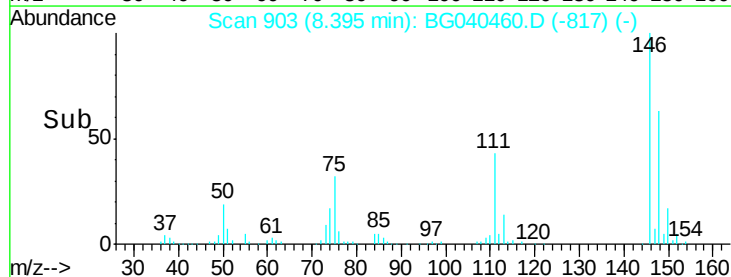
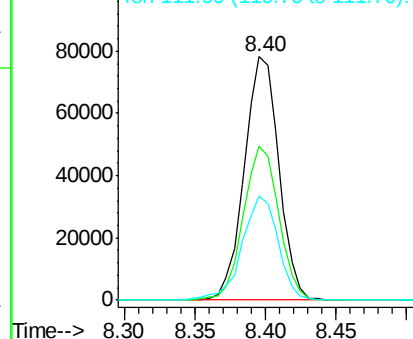
146 100

148 63.4 50.8 76.2

111 42.8 33.4 50.0



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: 38.339 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampled :

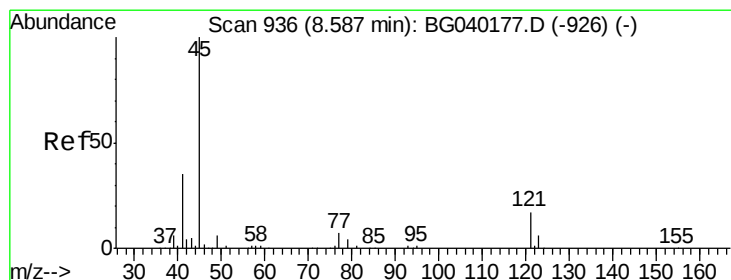
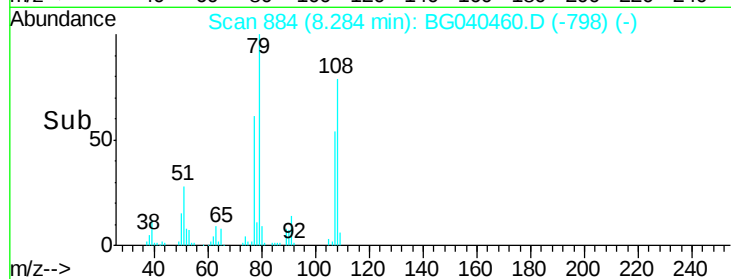
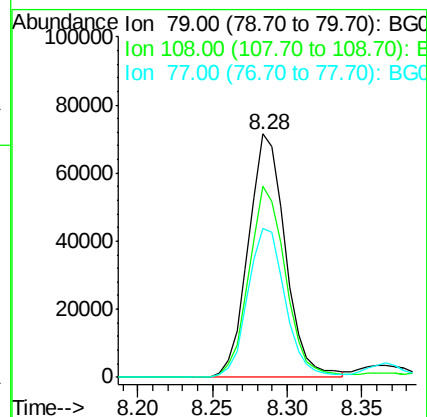
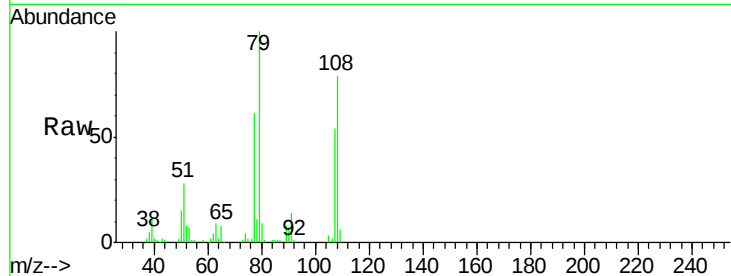
Tot Ion: 79 Resp: 122631

Ion Ratio Lower Upper

79 100

108 78.6 62.1 93.1

77 61.2 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.662 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

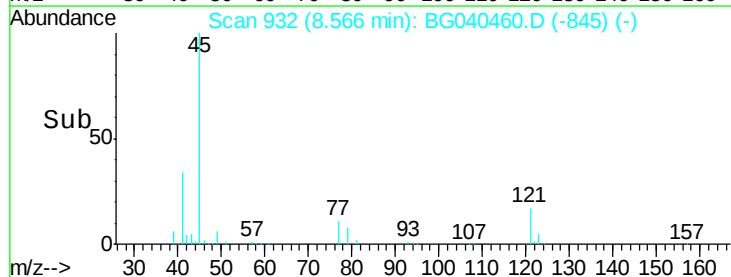
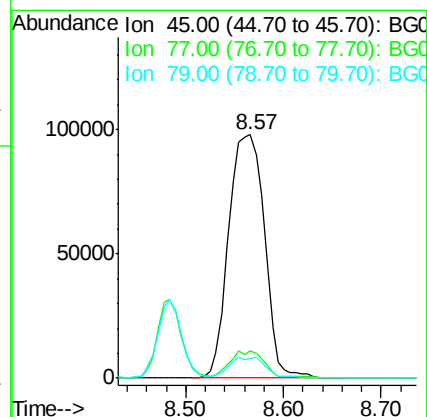
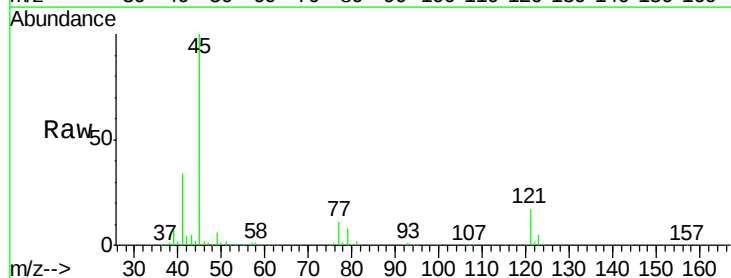
Tgt Ion: 45 Resp: 249568

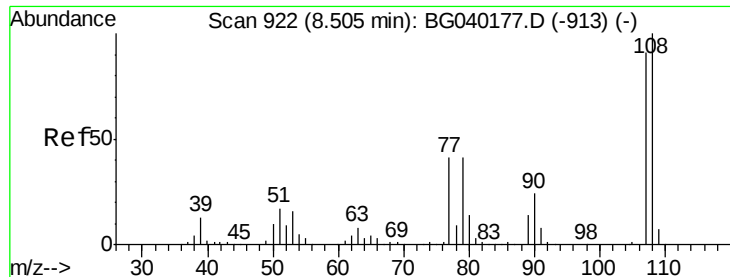
Ion Ratio Lower Upper

45 100

77 11.4 0.0 31.4

79 8.0 0.0 28.3

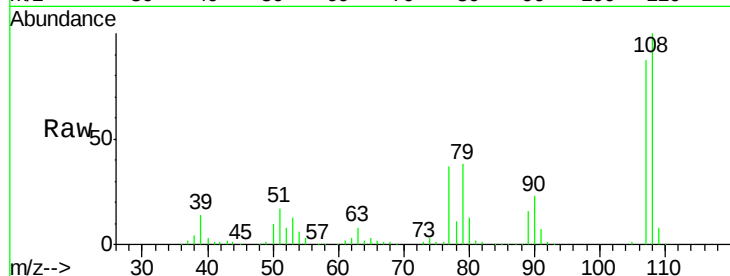




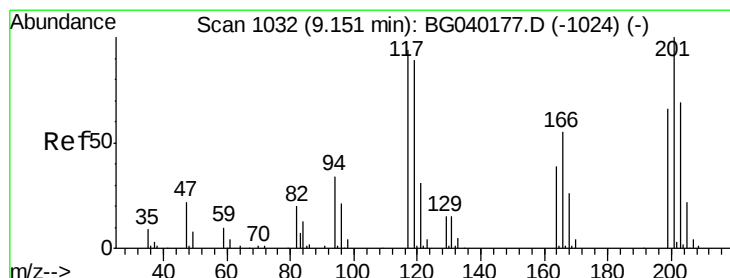
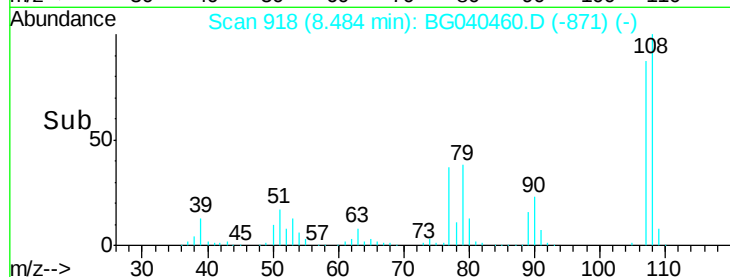
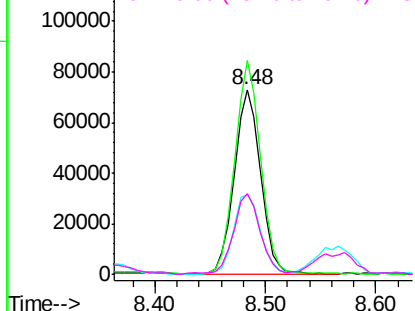
#17
2-Methylphenol
Concen: 41.123 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	122672
Ion	Ratio	Lower	Upper
107	100		
108	115.6	88.2	132.4
77	43.3	36.6	55.0
79	43.6	36.5	54.7

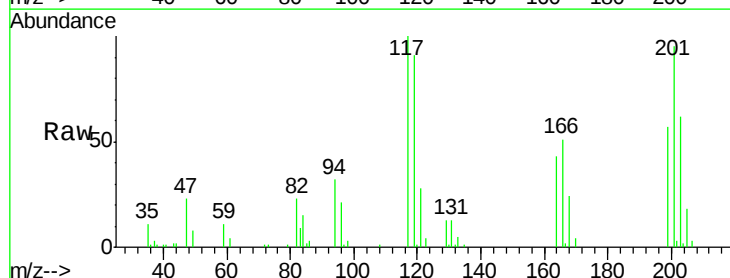


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

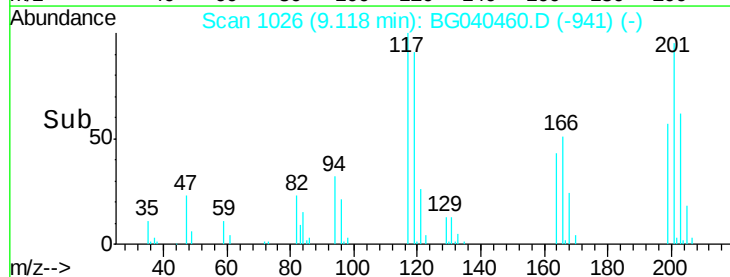
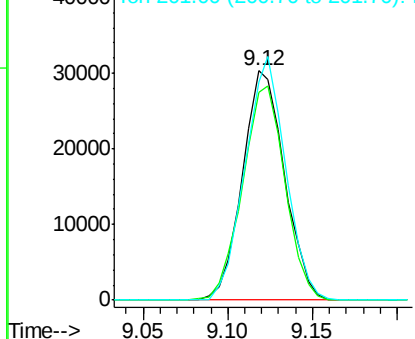


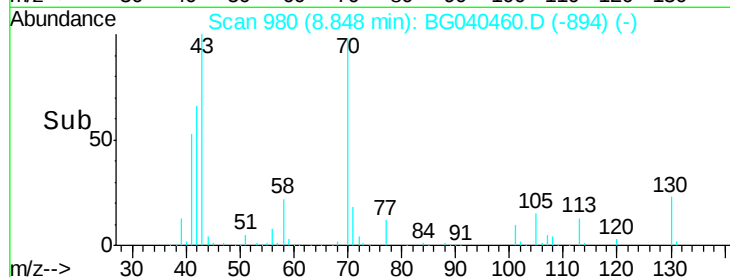
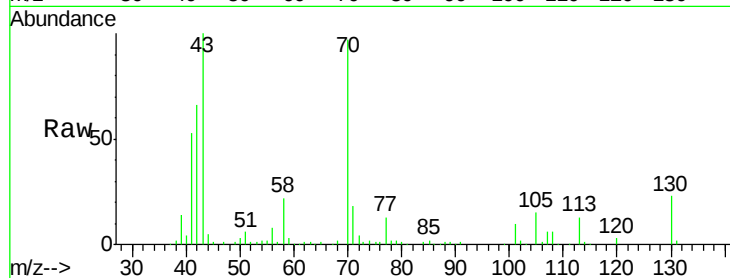
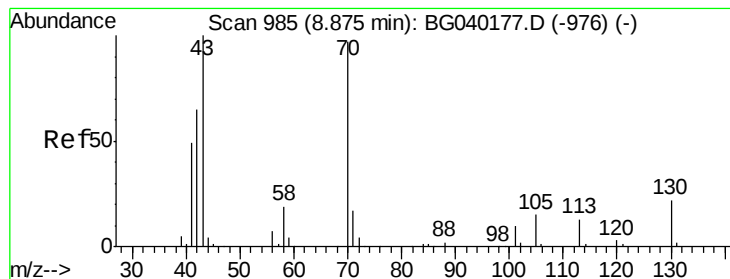
#18
Hexachloroethane
Concen: 37.733 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion:	117	Resp:	52277
Ion	Ratio	Lower	Upper
117	100		
119	90.6	76.6	115.0
201	94.9	85.0	127.4



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: 36.057 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 102677

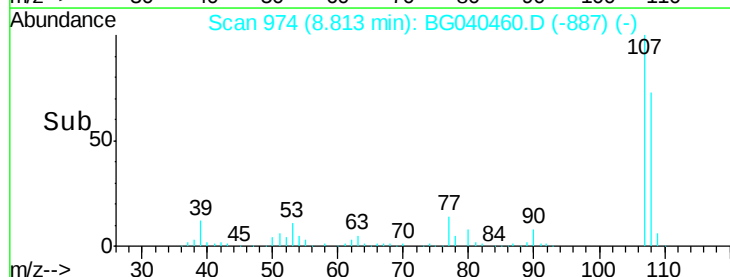
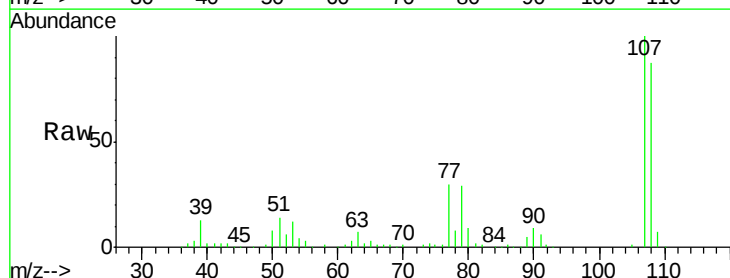
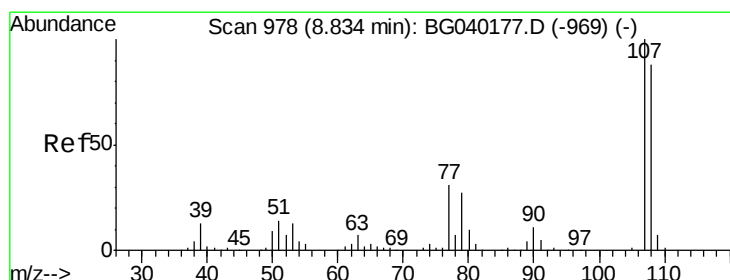
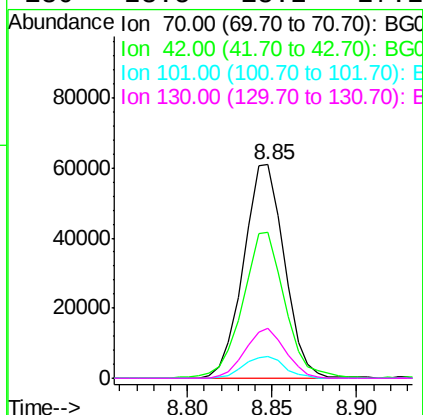
Ion Ratio Lower Upper

70 100

42 68.4 54.0 81.0

101 10.0 8.6 13.0

130 23.5 18.2 27.2



#20

3+4-Methylphenols

Concen: 42.152 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Tgt Ion: 107 Resp: 170343

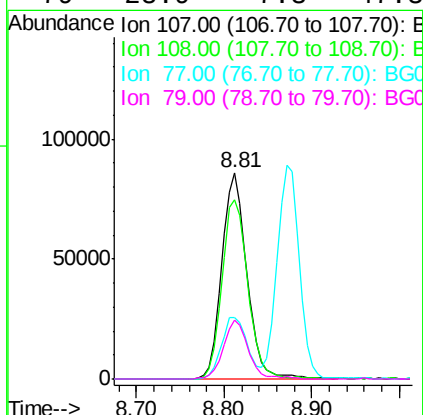
Ion Ratio Lower Upper

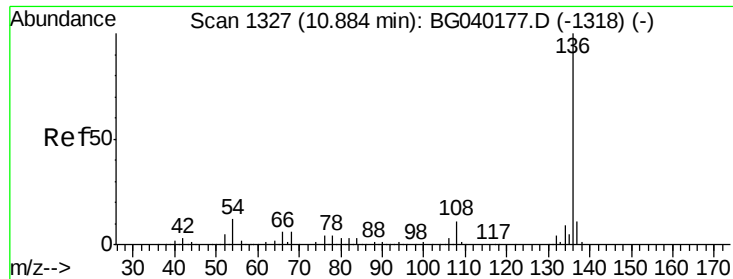
107 100

108 86.6 68.3 108.3

77 30.0 11.3 51.3

79 28.9 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 197466

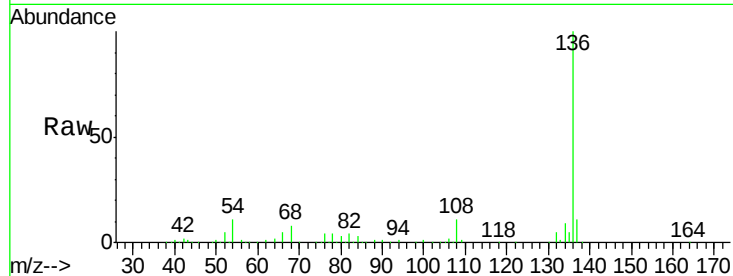
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.6 9.6 14.4

68 7.7 5.1 7.7

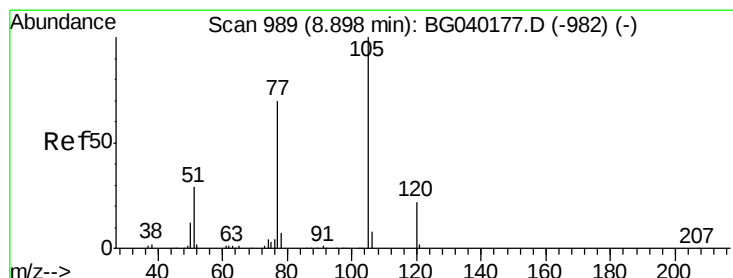
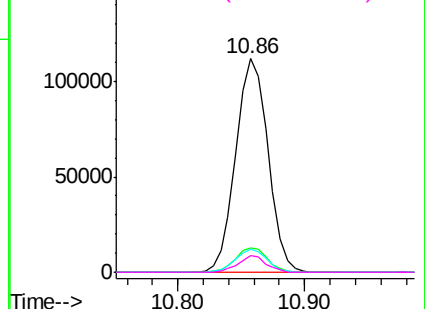
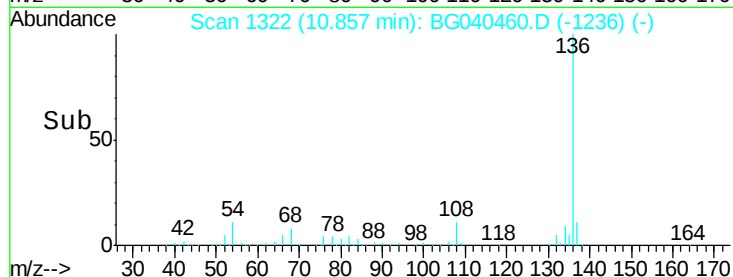


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.173 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Tgt Ion:105 Resp: 202810

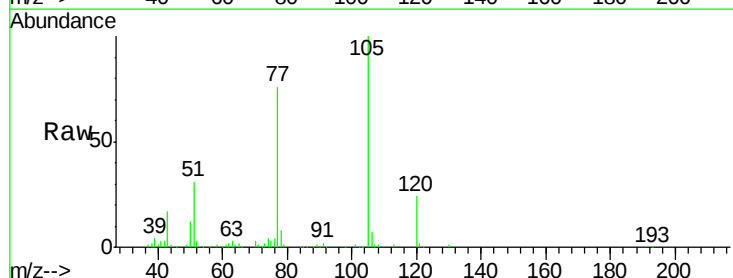
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 30.9 25.1 37.7

120 23.6 17.6 26.4

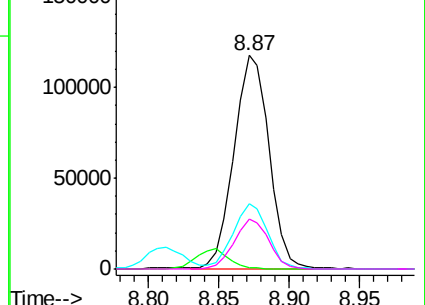
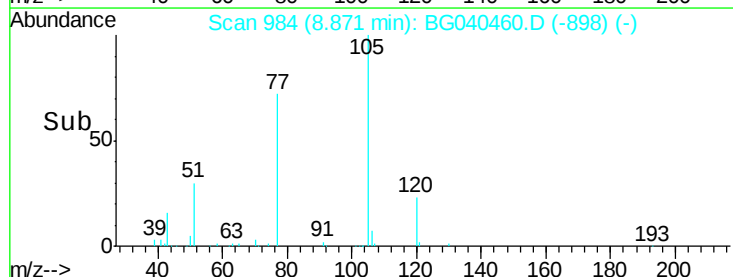


Abundance Ion 105.00 (104.70 to 105.70): E

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

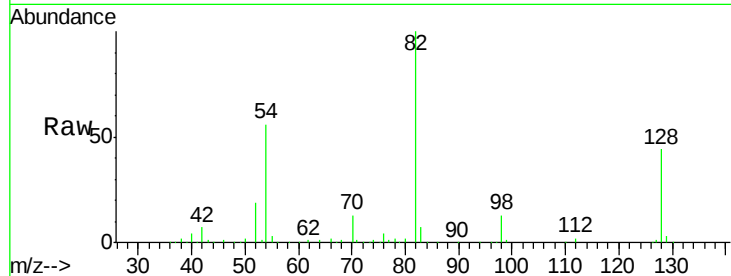




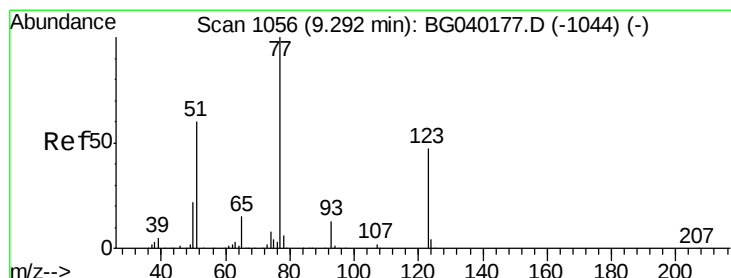
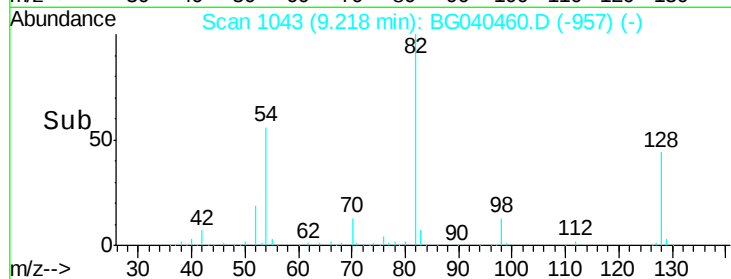
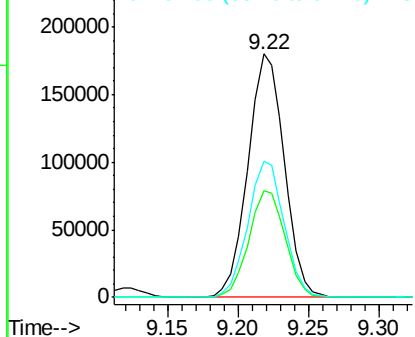
#23
 Nitrobenzene-d5
 Concen: 87.564 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	82	Resp	325302
Ion Ratio	100	Lower	Upper
128	43.8	35.8	53.8
54	55.7	46.2	69.2

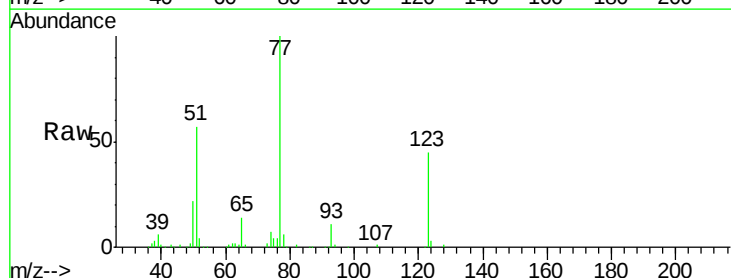


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

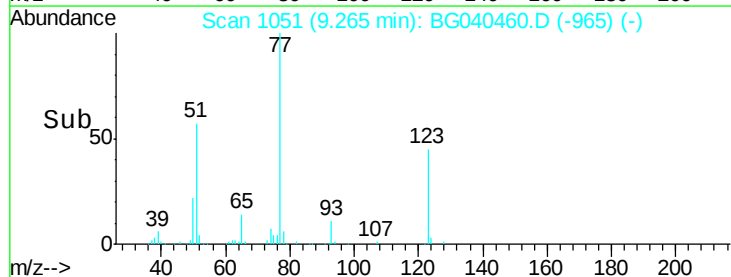
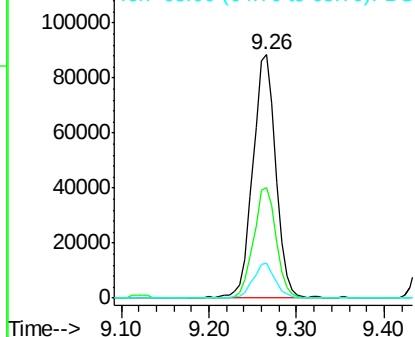


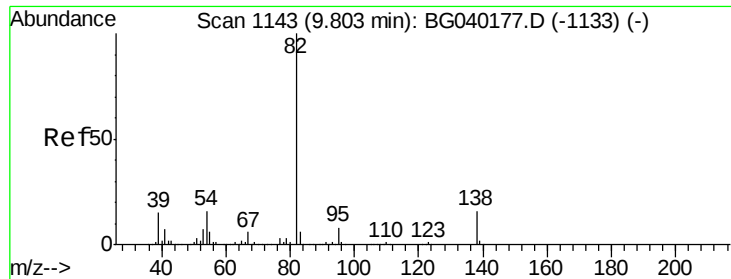
#24
 Nitrobenzene
 Concen: 40.902 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion	77	Resp	157350
Ion Ratio	100	Lower	Upper
123	45.5	37.8	56.6
65	14.1	12.0	18.0



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





#25

Isophorone

Concen: 39.552 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

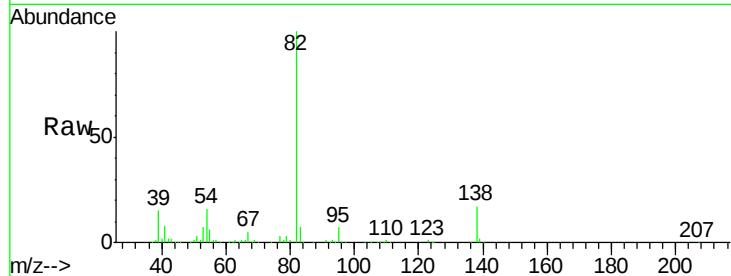
Tot Ion: 82 Resp: 302333

Ion Ratio Lower Upper

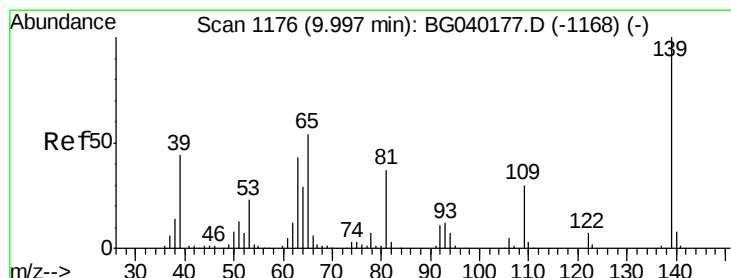
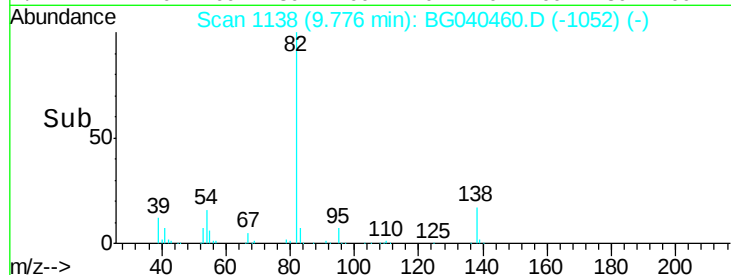
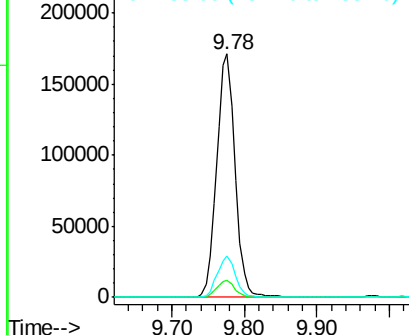
82 100

95 7.2 6.1 9.1

138 17.1 13.2 19.8



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



#26

2-Nitrophenol

Concen: 40.992 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

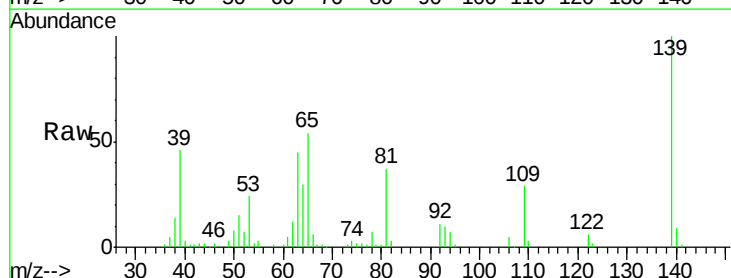
Tgt Ion: 139 Resp: 74723

Ion Ratio Lower Upper

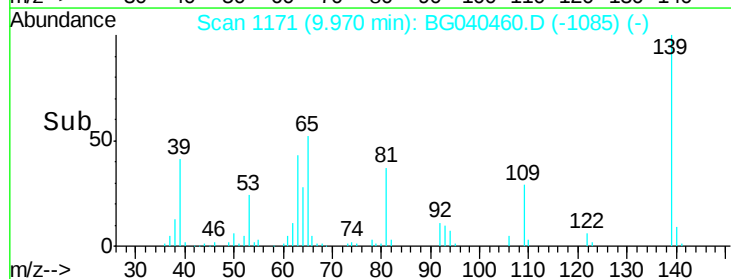
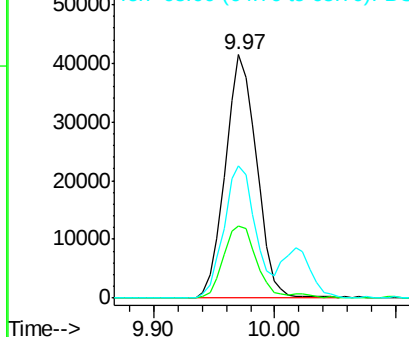
139 100

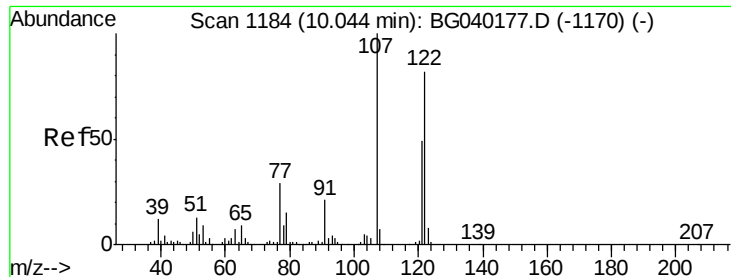
109 29.5 24.1 36.1

65 54.5 43.0 64.6



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

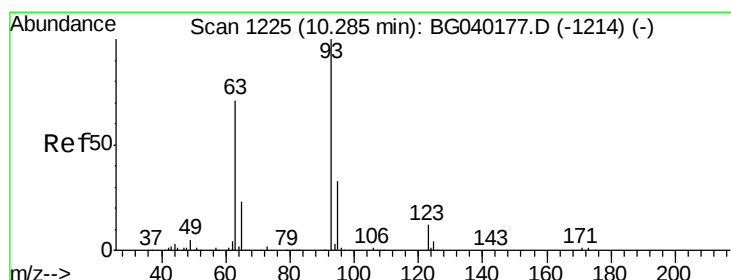
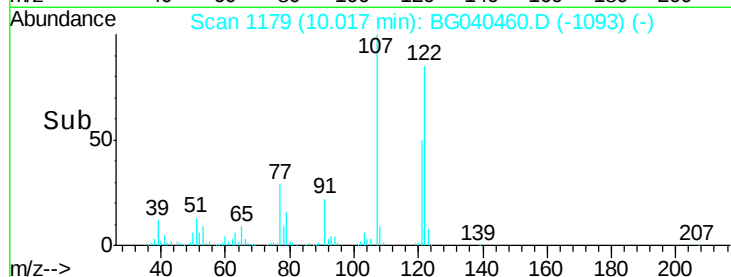
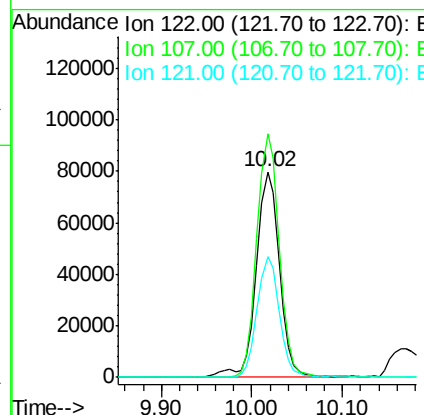
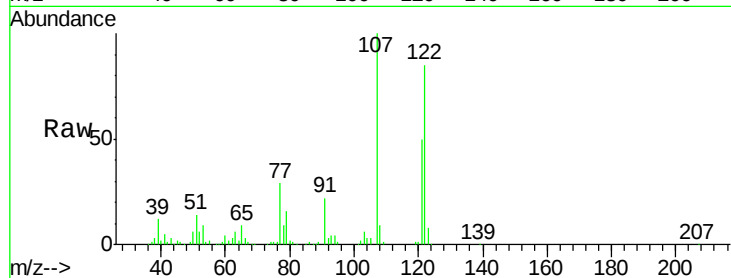




#27
 2,4-Dimethylphenol
 Concen: 49.164 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

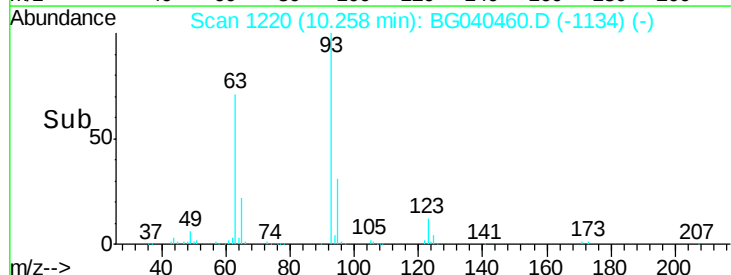
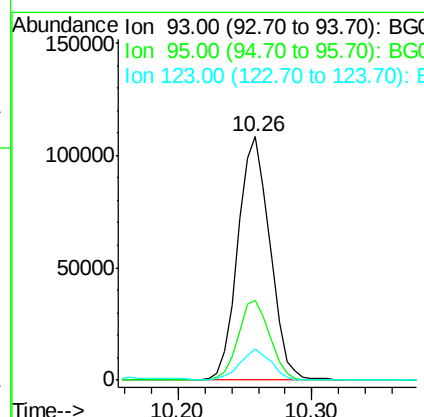
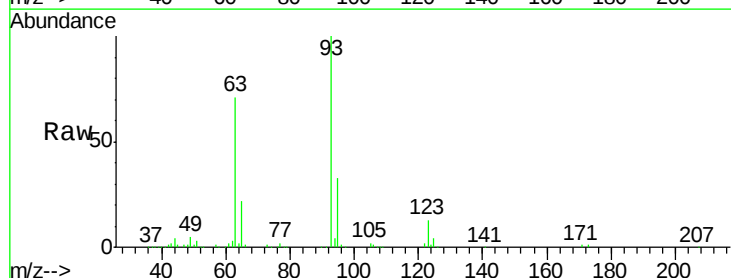
Instrument :
 BNA_G
 ClientSampled :

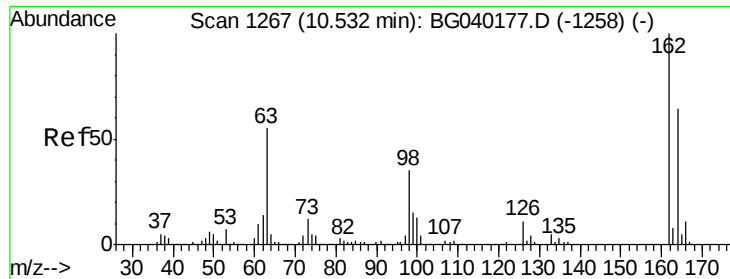
Tot Ion:122 Resp: 142354
 Ion Ratio Lower Upper
 122 100
 107 118.3 97.4 146.2
 121 58.7 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.801 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion: 93 Resp: 179994
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 12.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 44.412 ng

RT: 10.51 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

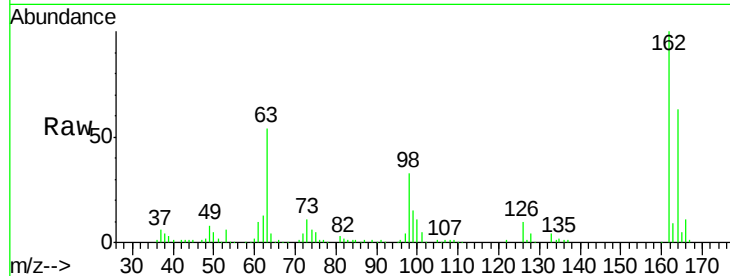
Tot Ion:162 Resp: 139581

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

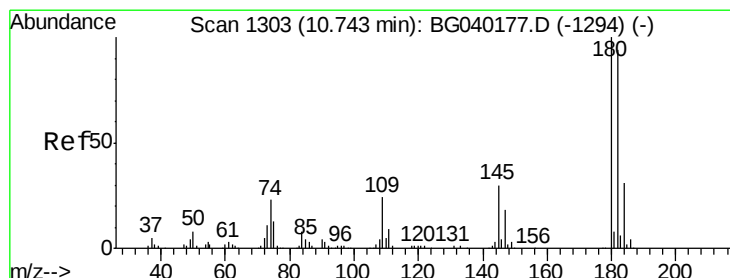
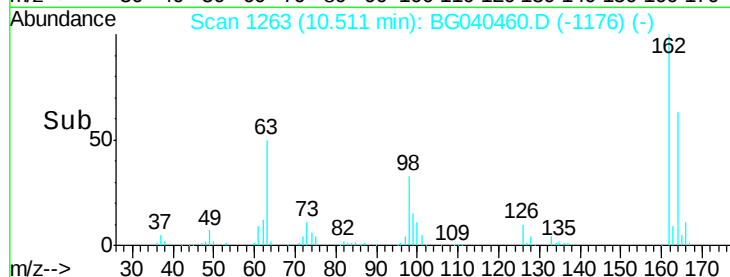
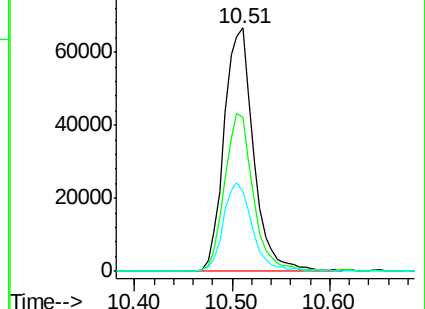
98 32.9 15.6 55.6



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: 40.405 ng

RT: 10.72 min Scan# 1298

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

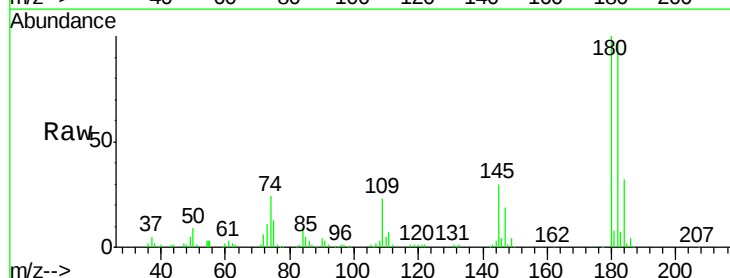
Tgt Ion:180 Resp: 139436

Ion Ratio Lower Upper

180 100

182 96.6 75.1 112.7

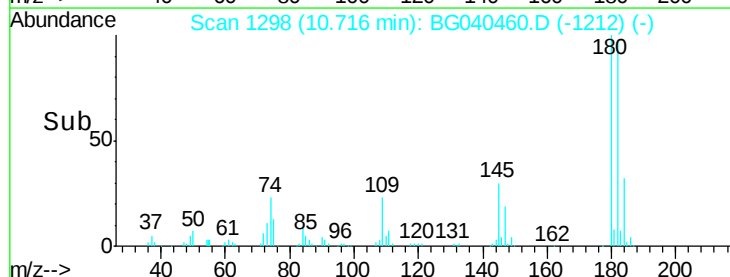
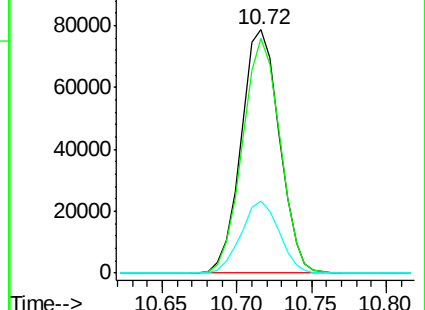
145 29.6 24.1 36.1



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

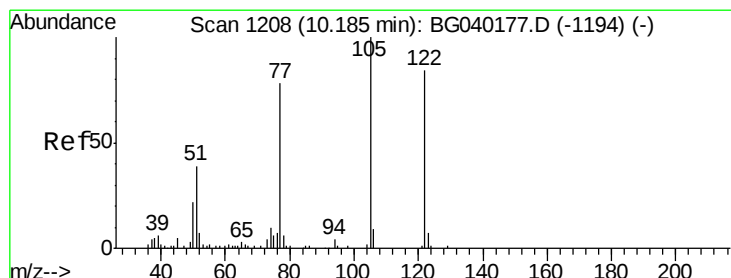
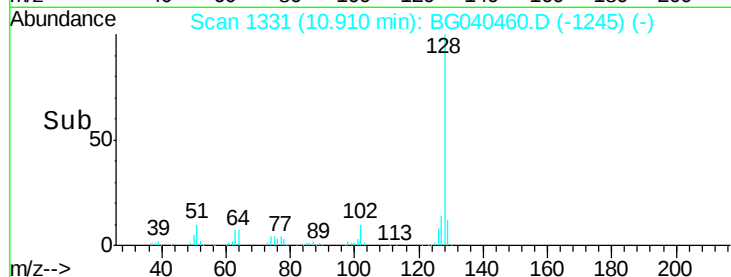
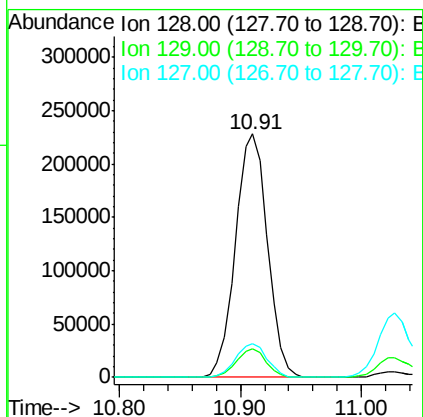
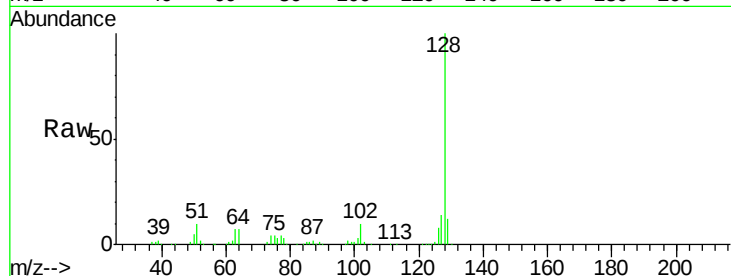




#31
Naphthalene
Concen: 41.504 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

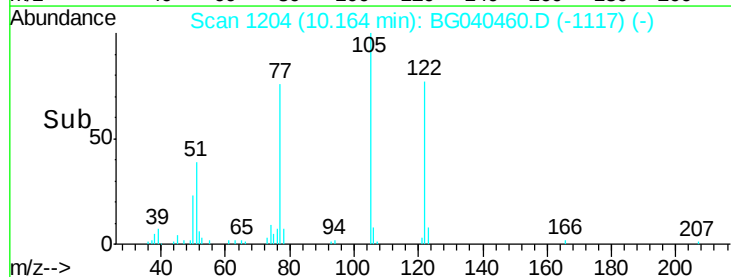
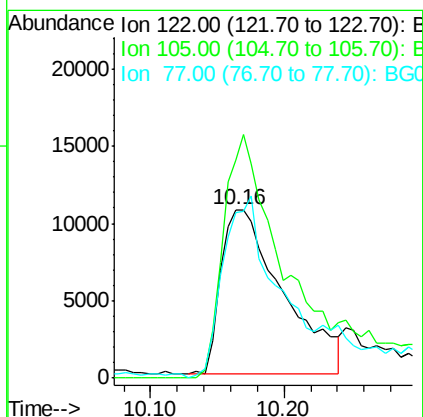
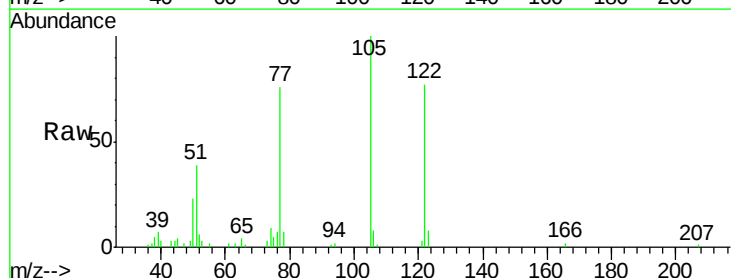
Instrument :
BNA_G
ClientSampleId :

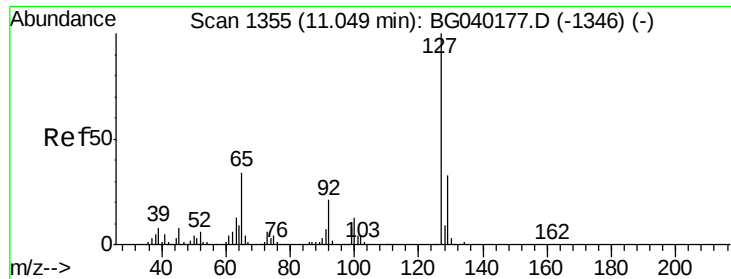
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.9	13.3
127	13.9	11.4	17.0



#32
Benzoic acid
Concen: 19.778 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	98.2	138.2
77	98.7	73.6	113.6

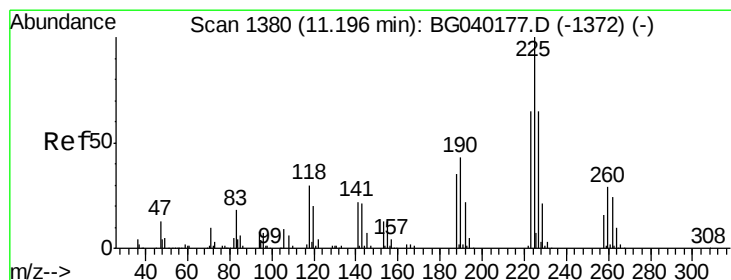
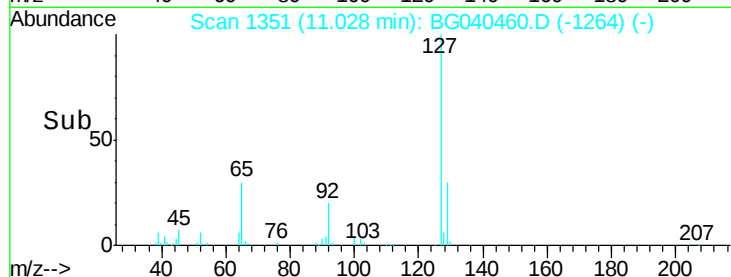
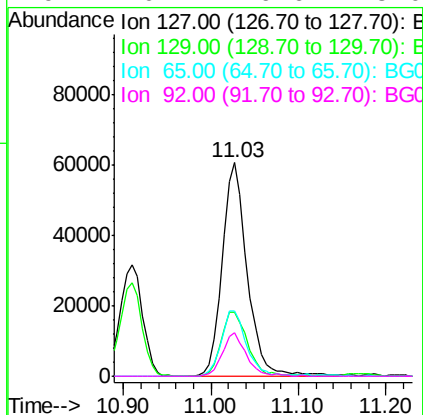
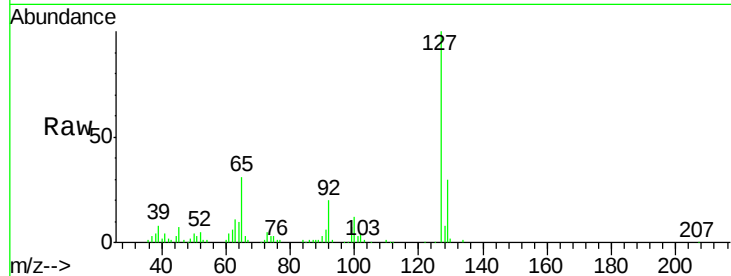




#33
4-Chloroaniline
Concen: 27.682 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

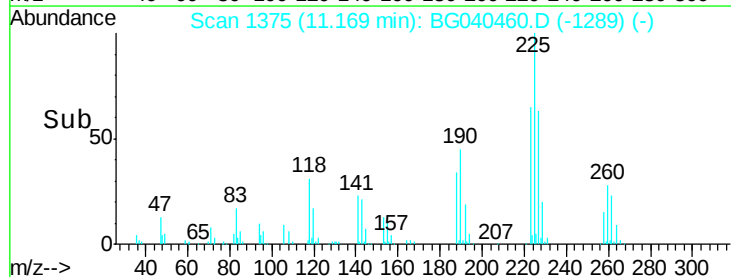
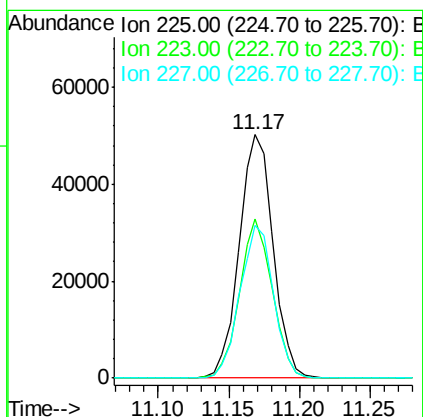
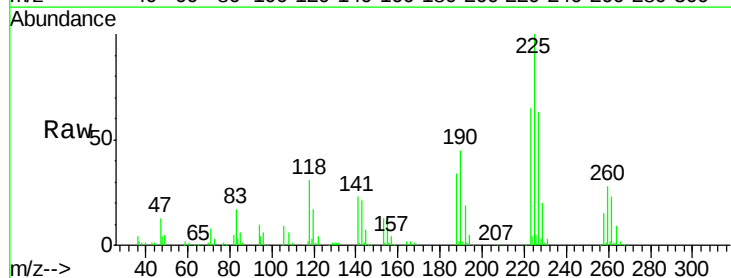
Instrument :
BNA_G
ClientSampleId :

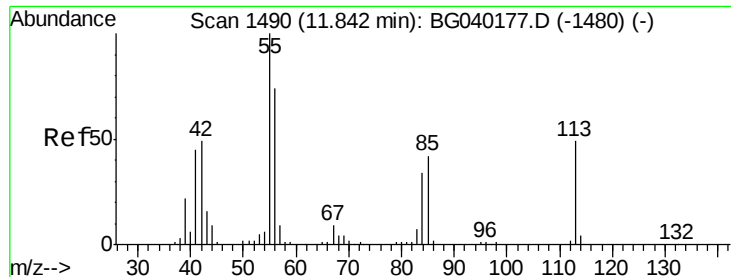
Tot Ion:	127	Resp:	119515
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.6	40.0
65	30.8	27.0	40.4
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.175 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion:	225	Resp:	84256
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.8	77.8
227	62.5	54.9	82.3

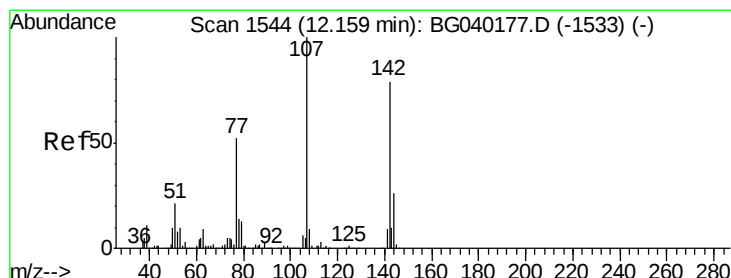
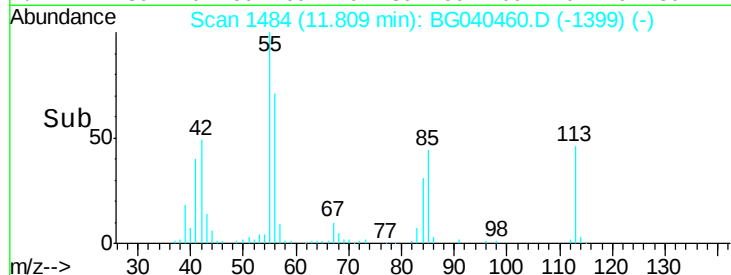
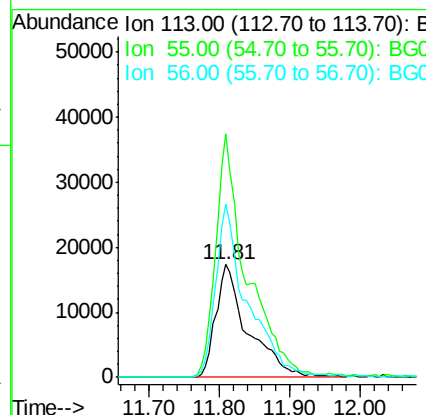
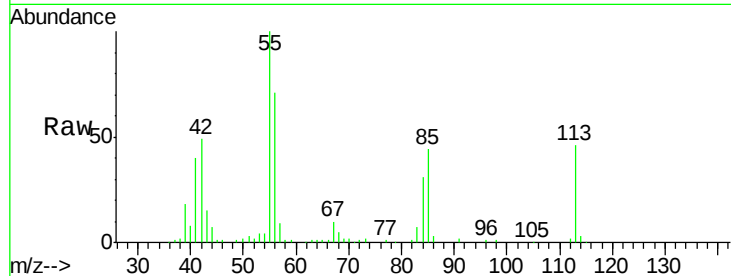




#35
 Caprolactam
 Concen: 44.166 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

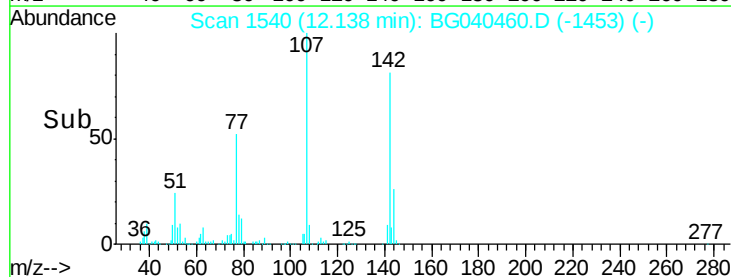
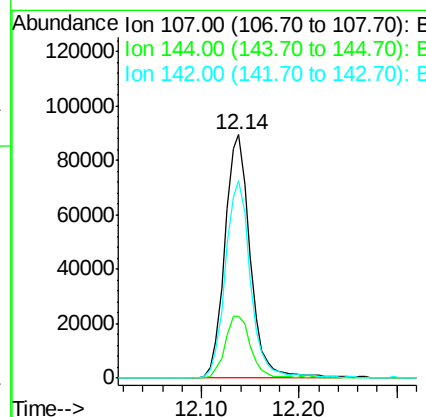
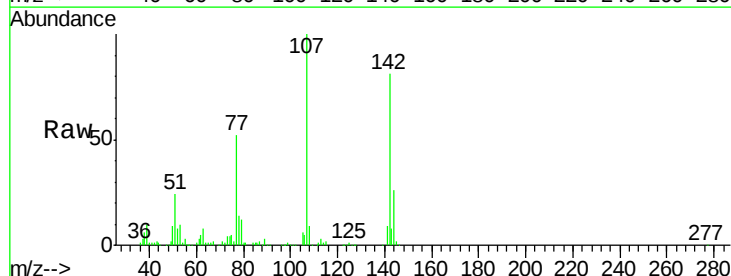
Instrument :
 BNA_G
 ClientSampled :

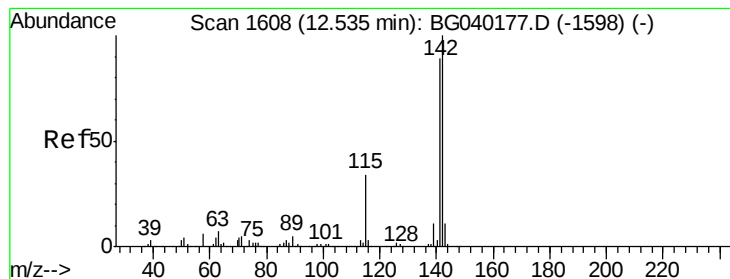
Tot Ion:113 Resp: 55085
 Ion Ratio Lower Upper
 113 100
 55 216.3 184.2 224.2
 56 153.6 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.756 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion:107 Resp: 161707
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.9 63.1 94.7





#37

2-Methylnaphthalene

Concen: 42.727 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampled :

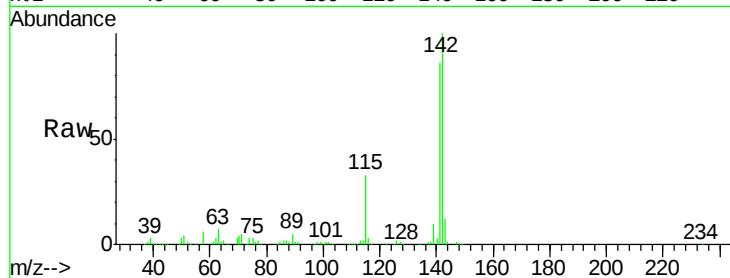
Tot Ion:142 Resp: 319841

Ion Ratio Lower Upper

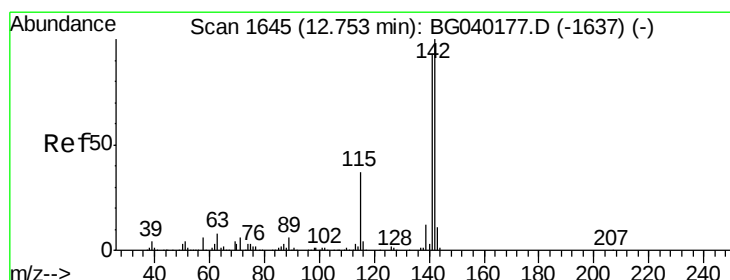
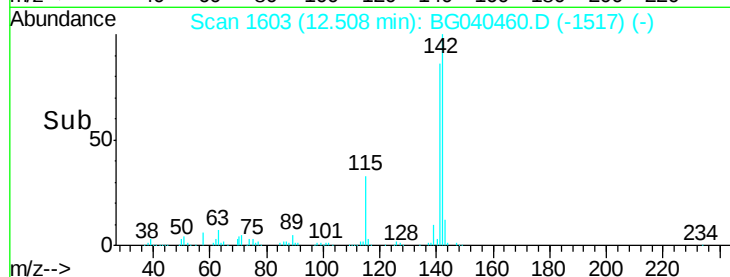
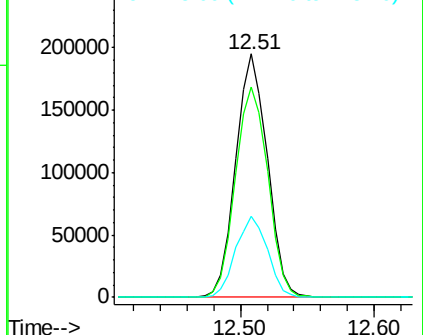
142 100

141 86.5 71.0 106.6

115 33.4 27.3 40.9



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: 41.786 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

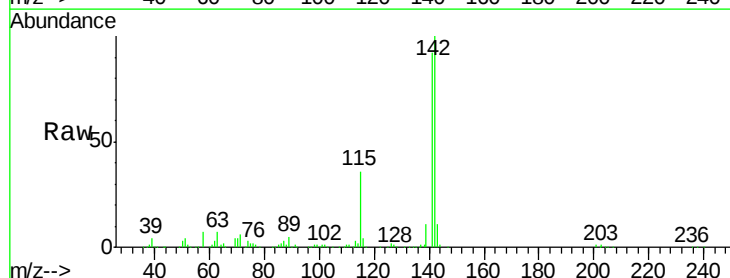
Tgt Ion:142 Resp: 303318

Ion Ratio Lower Upper

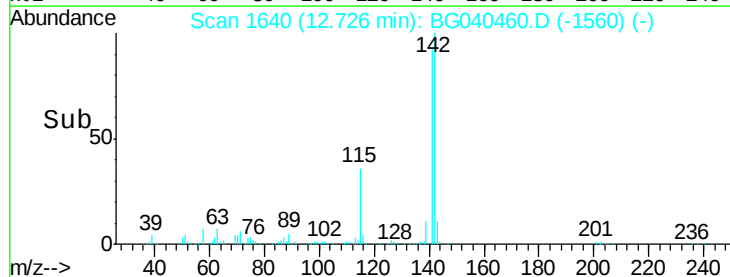
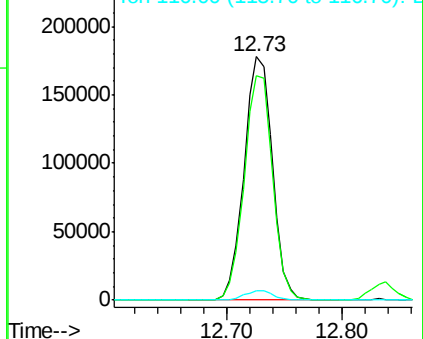
142 100

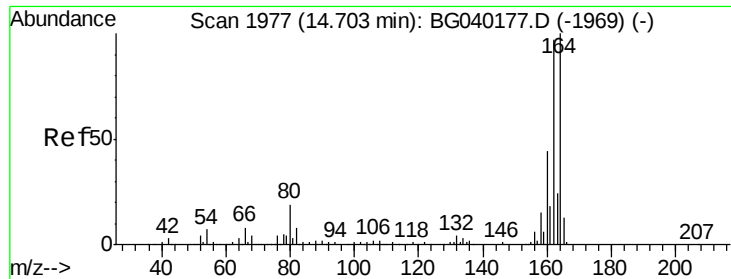
141 92.1 74.2 111.4

116 4.0 3.0 4.4



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

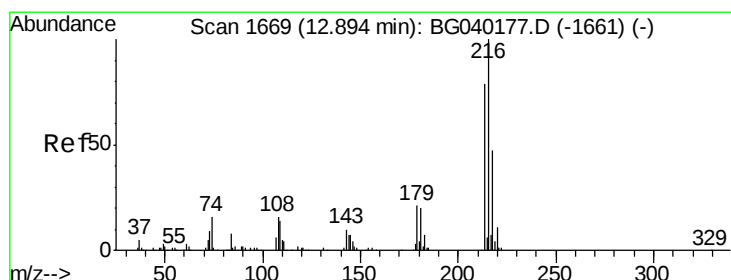
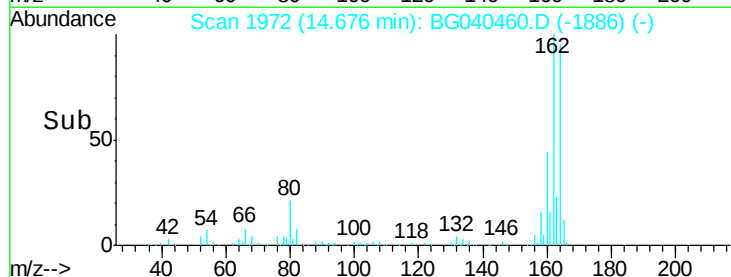
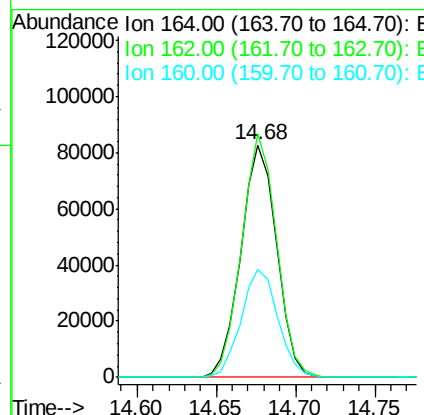
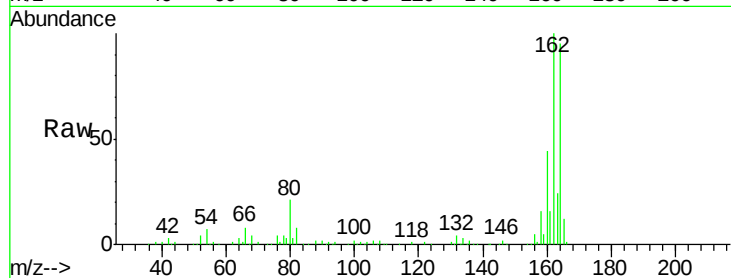




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

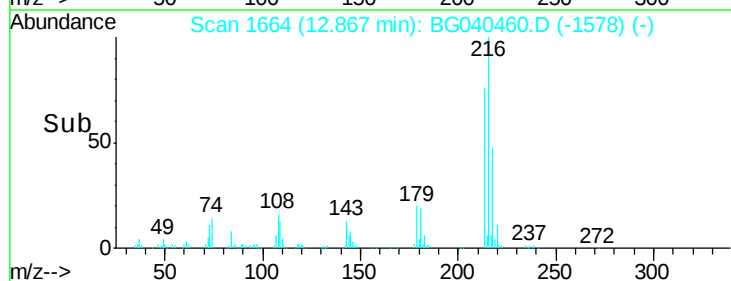
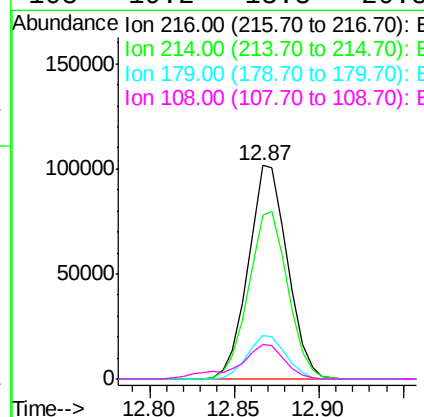
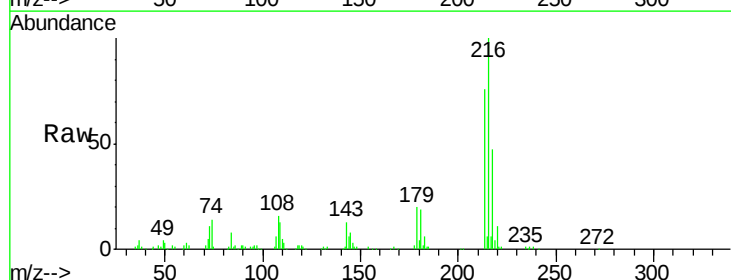
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 129684
Ion Ratio Lower Upper
164 100
162 104.8 77.4 116.2
160 46.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.748 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion:216 Resp: 163834
Ion Ratio Lower Upper
216 100
214 78.5 63.5 95.3
179 20.1 16.6 25.0
108 19.2 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 76.282 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

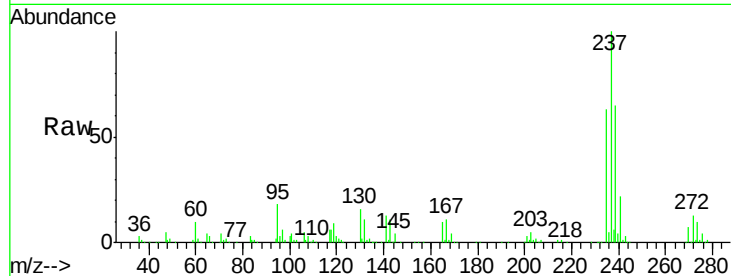
Tot Ion:237 Resp: 172640

Ion Ratio Lower Upper

237 100

235 62.8 46.2 86.2

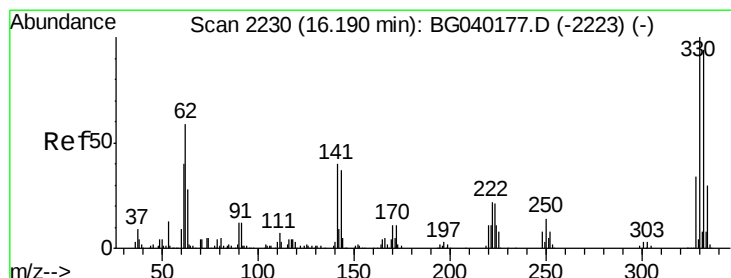
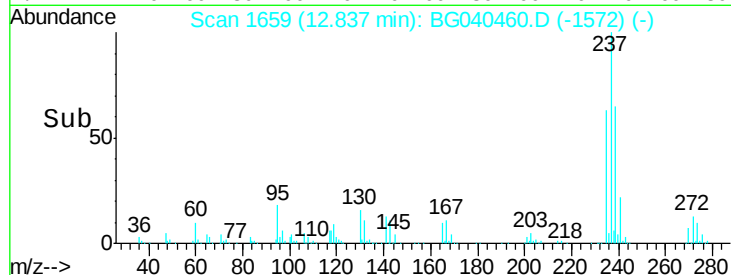
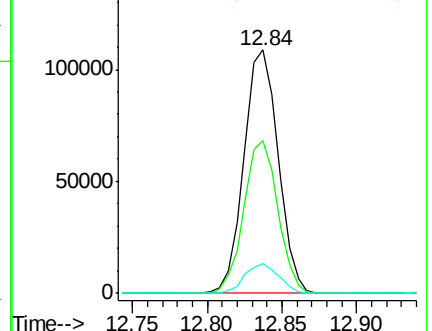
272 12.5 0.0 30.5



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: 156.538 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

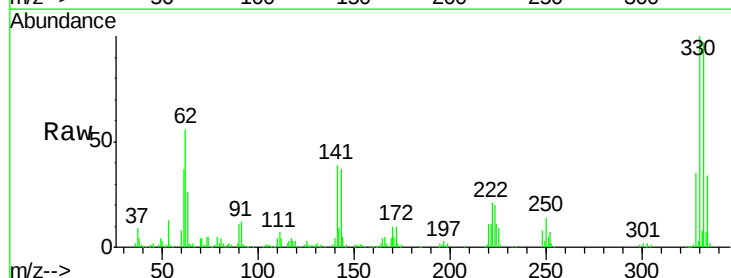
Tgt Ion:330 Resp: 219395

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

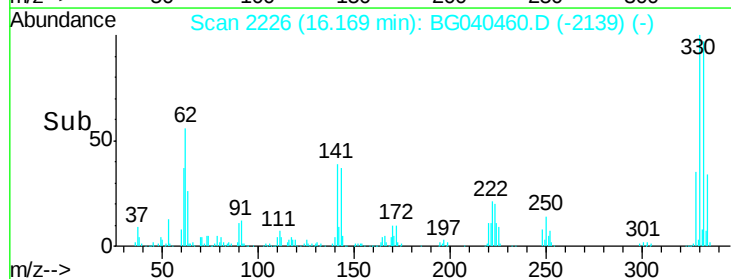
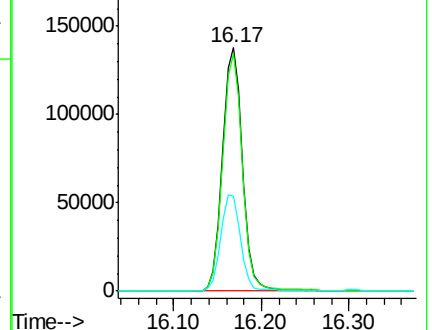
141 39.5 32.6 48.8

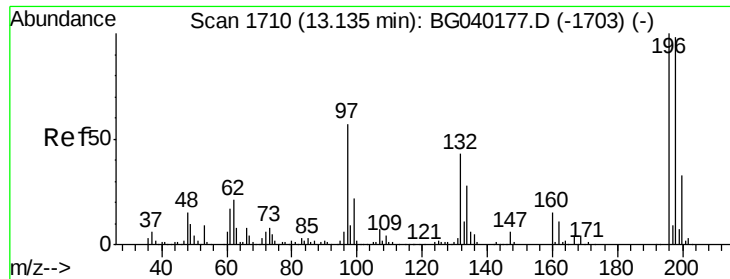


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

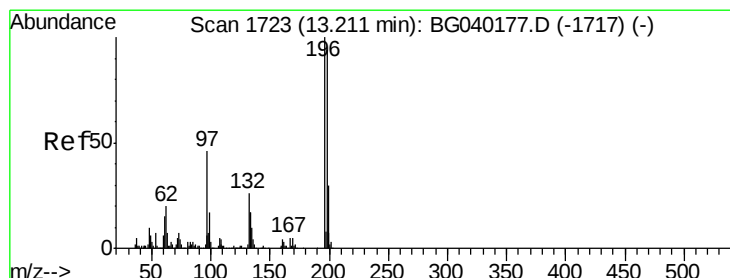
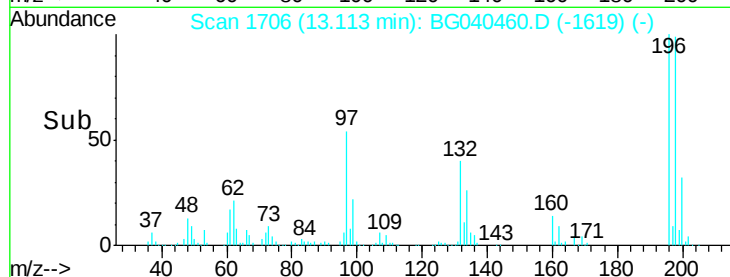
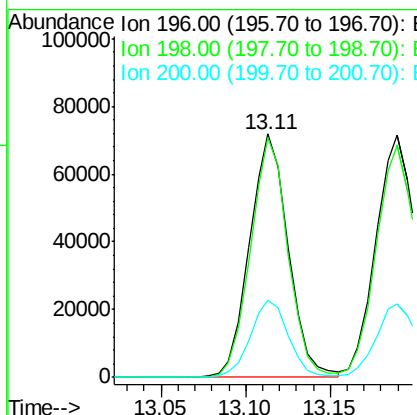
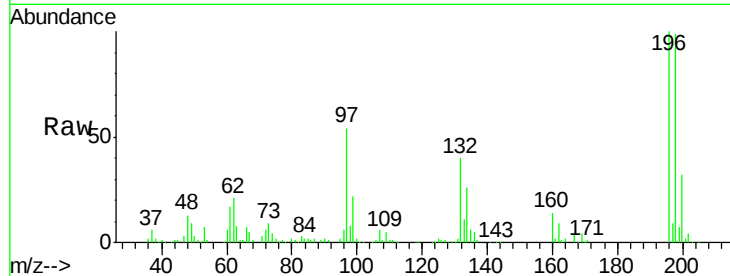




#43
 2,4,6-Trichlorophenol
 Concen: 42.930 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

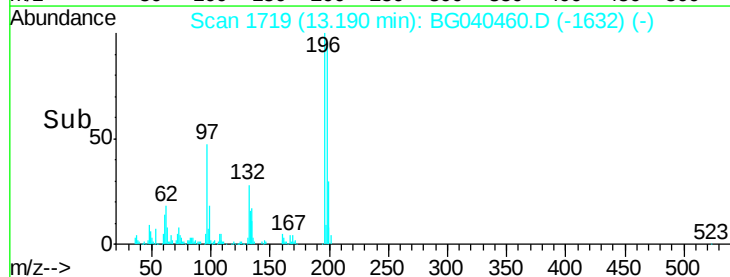
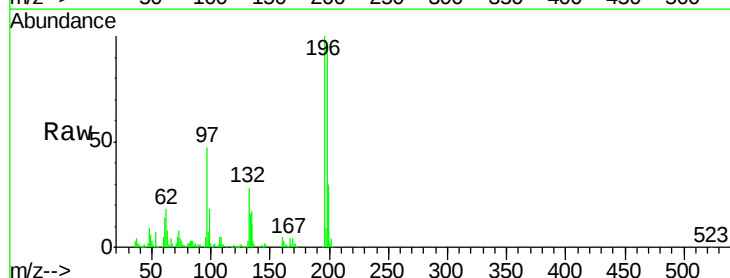
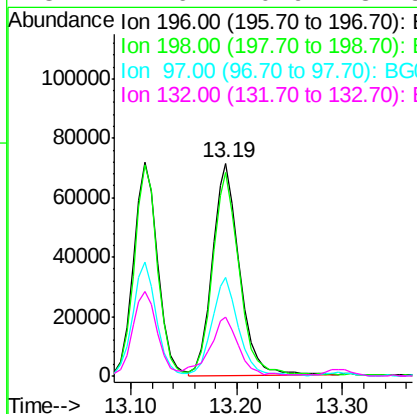
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 114084
 Ion Ratio Lower Upper
 196 100
 198 98.7 78.3 117.5
 200 31.5 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.007 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion:196 Resp: 127469
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.0 112.6
 97 46.5 37.3 55.9
 132 27.6 20.9 31.3

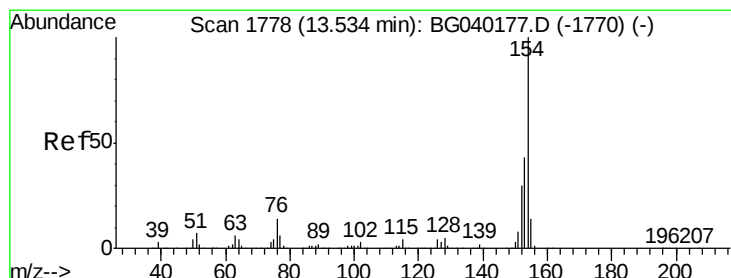
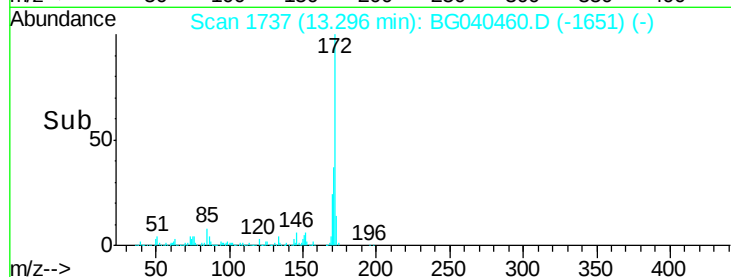
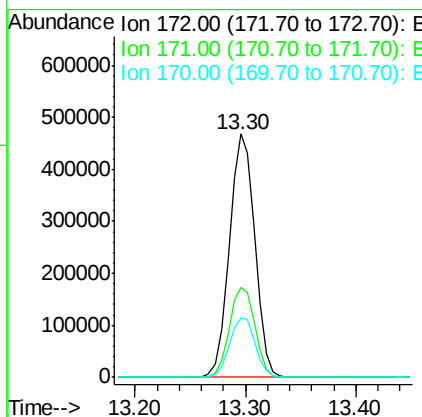
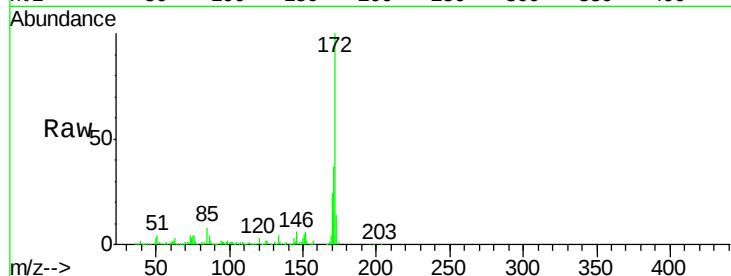




#45
 2-Fluorobiphenyl
 Concen: 85.989 ng
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

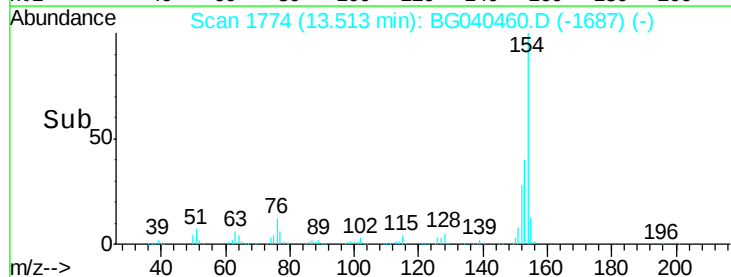
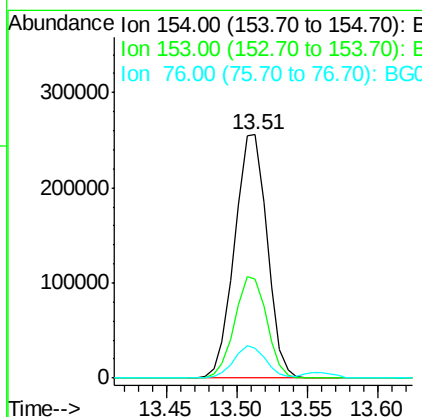
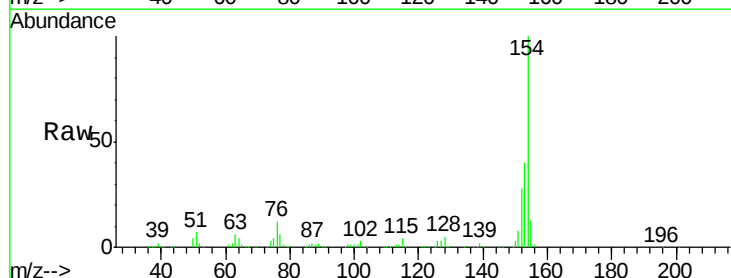
Instrument :
 BNA_G
 ClientSampleId :

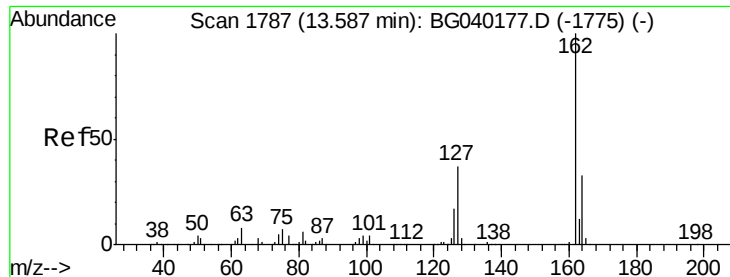
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.2	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 40.196 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	22.5	62.5
76	12.4	0.0	33.7

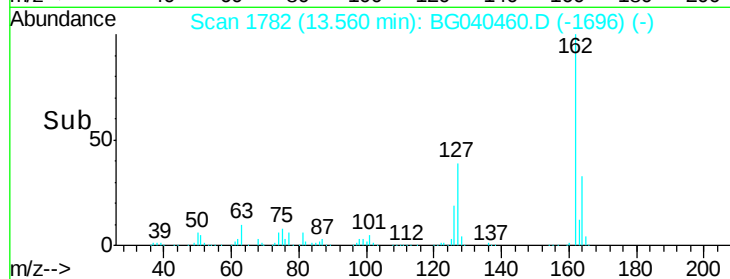
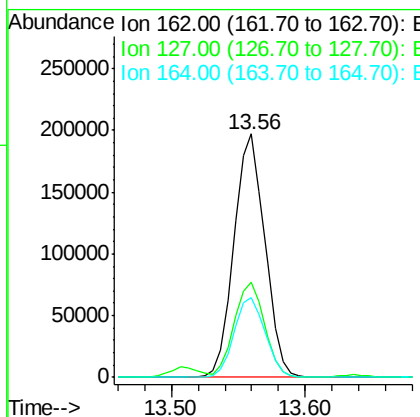
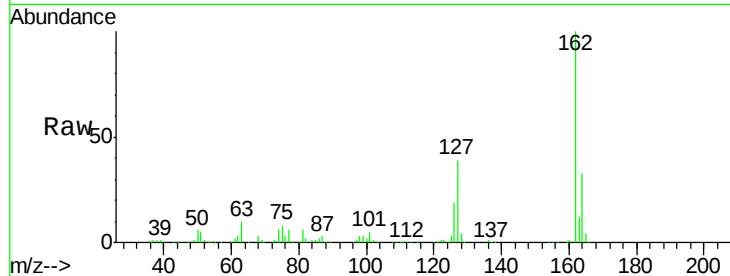




#47
 2-Chloronaphthalene
 Concen: 40.325 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

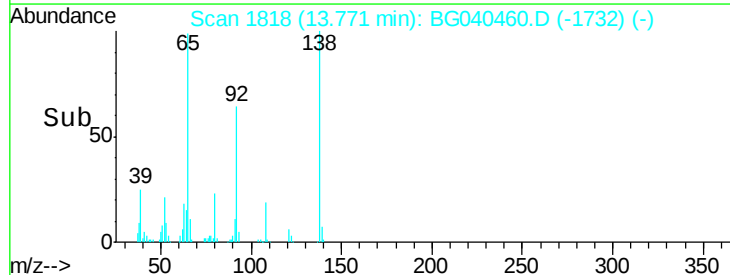
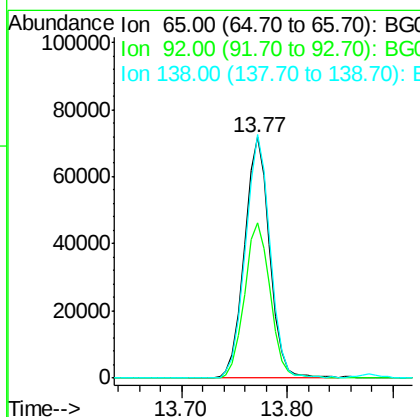
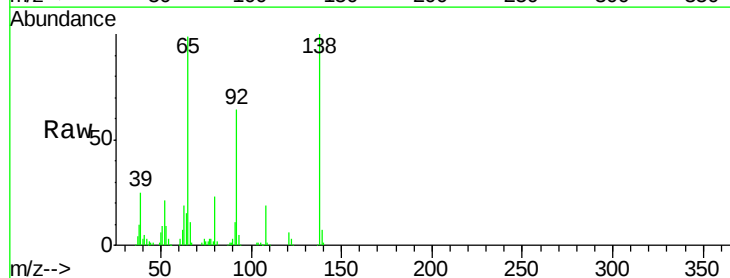
Instrument :
 BNA_G
 ClientSampleId :

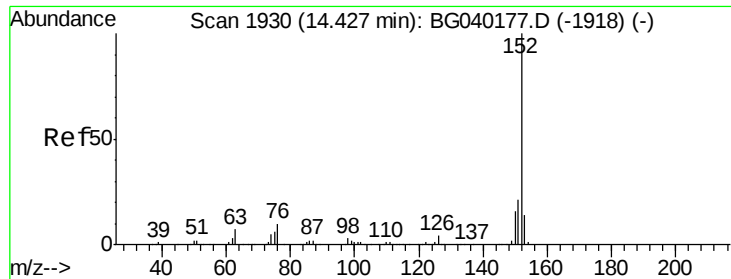
Tot Ion:162 Resp: 316947
 Ion Ratio Lower Upper
 162 100
 127 39.1 30.6 45.8
 164 32.8 26.2 39.4



#48
 2-Nitroaniline
 Concen: 44.654 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion: 65 Resp: 118388
 Ion Ratio Lower Upper
 65 100
 92 64.2 53.8 80.6
 138 101.1 86.3 129.5





#49

Acenaphthylene

Concen: 40.636 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

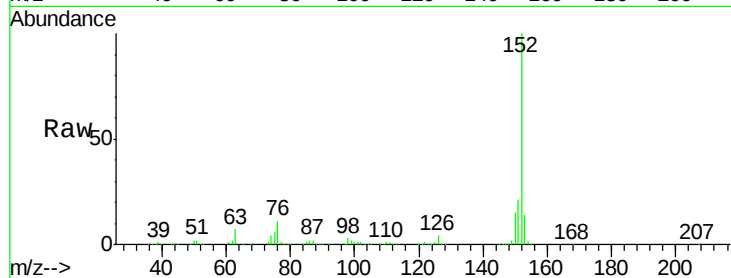
Tot Ion:152 Resp: 541530

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.6

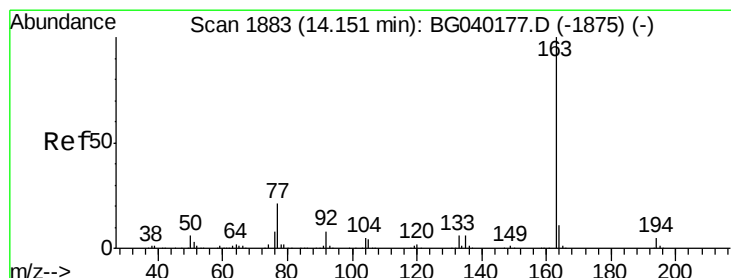
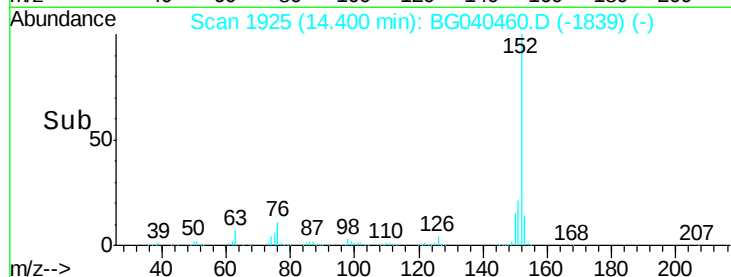
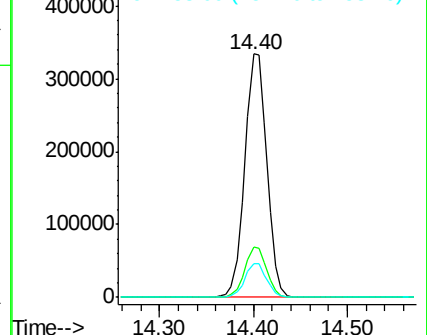
153 13.8 10.8 16.2



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: 42.517 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

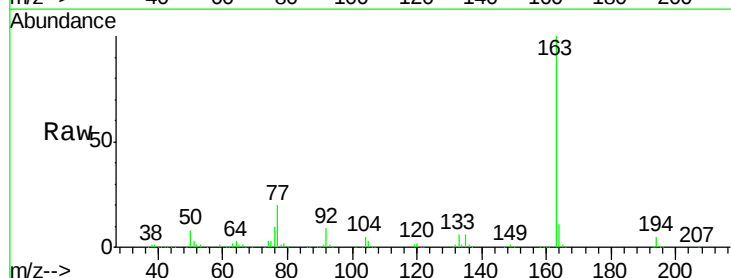
Tgt Ion:163 Resp: 431533

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

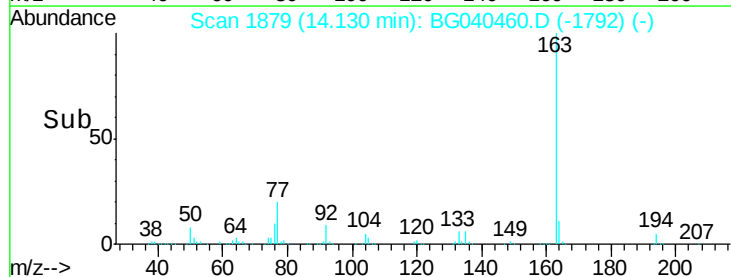
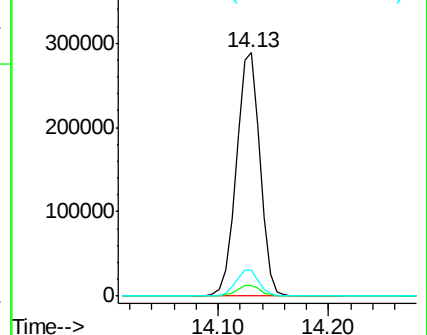
164 10.5 8.6 13.0

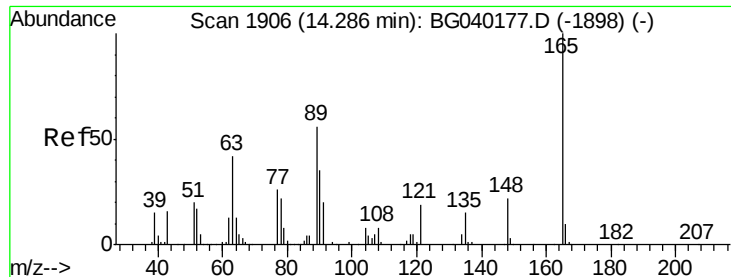


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

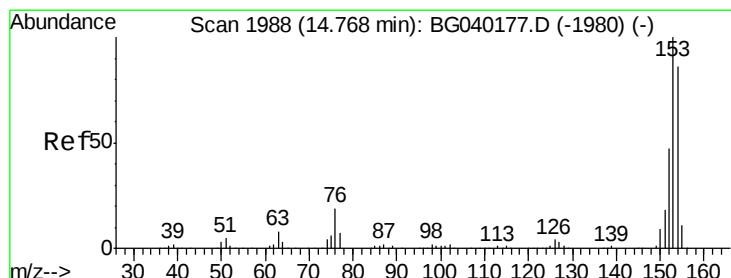
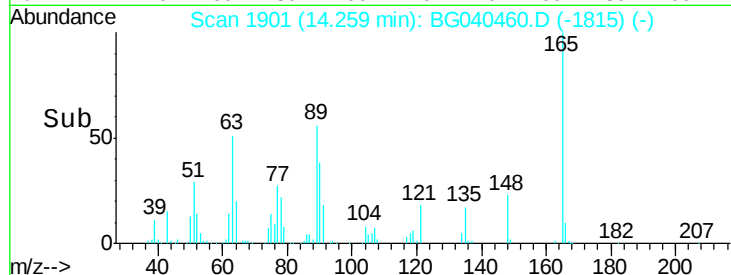
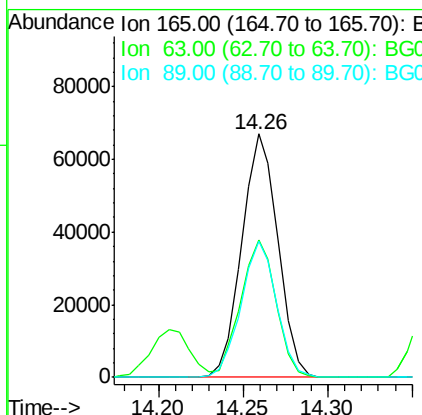
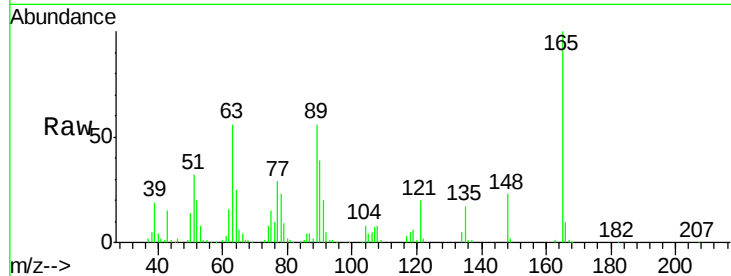




#51
 2,6-Dinitrotoluene
 Concen: 43.585 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

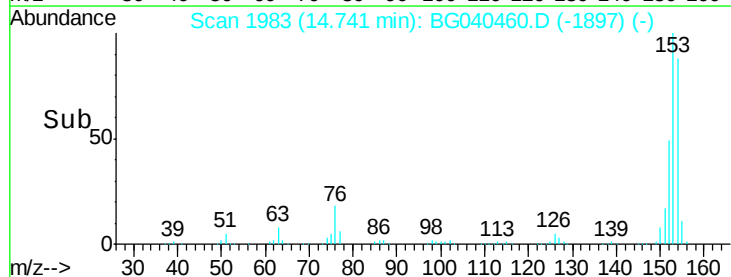
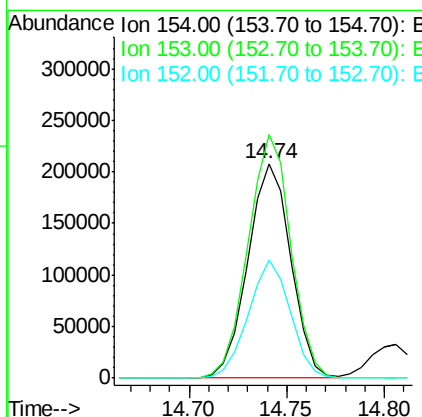
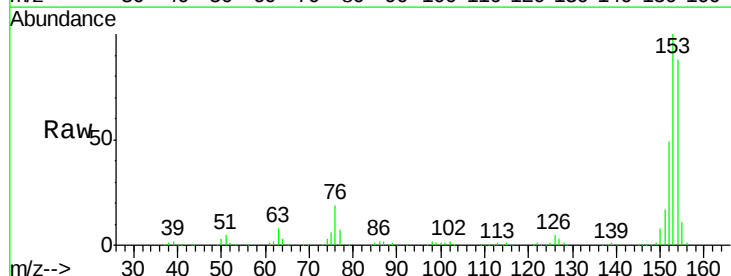
Instrument :
 BNA_G
 ClientSampled :

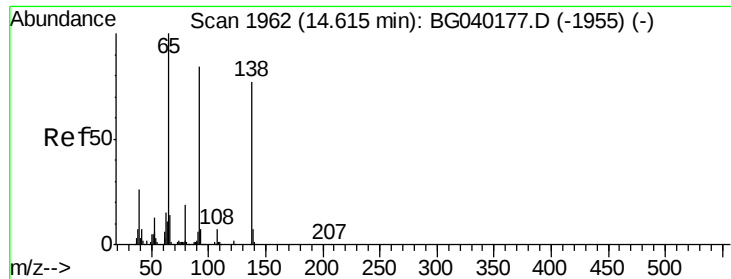
Tot Ion:165 Resp: 99329
 Ion Ratio Lower Upper
 165 100
 63 56.4 44.1 66.1
 89 55.8 44.9 67.3



#52
 Acenaphthene
 Concen: 41.505 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion:154 Resp: 316938
 Ion Ratio Lower Upper
 154 100
 153 113.4 92.8 139.2
 152 55.2 43.4 65.2





#53

3-Nitroaniline

Concen: 33.242 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

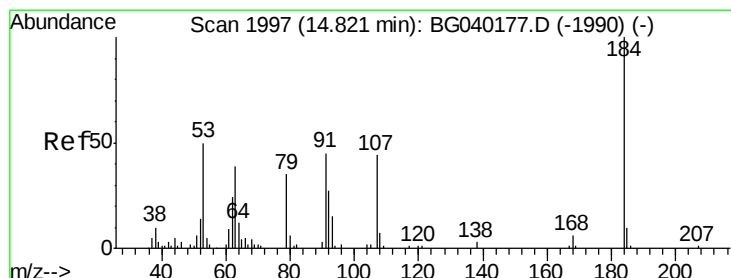
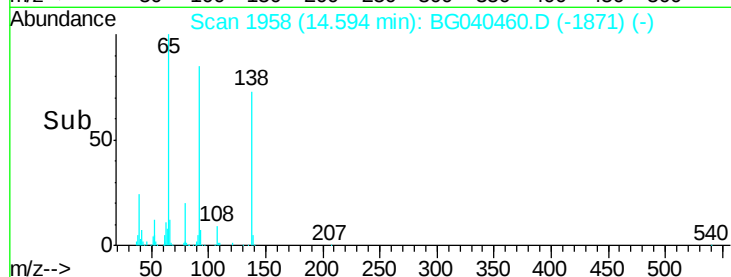
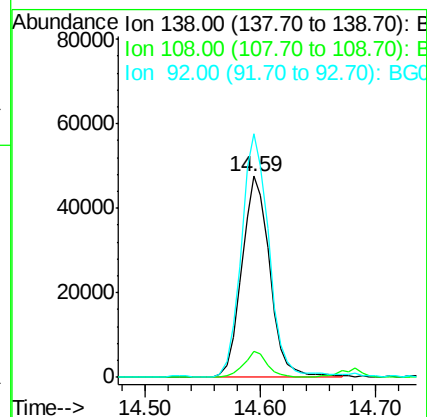
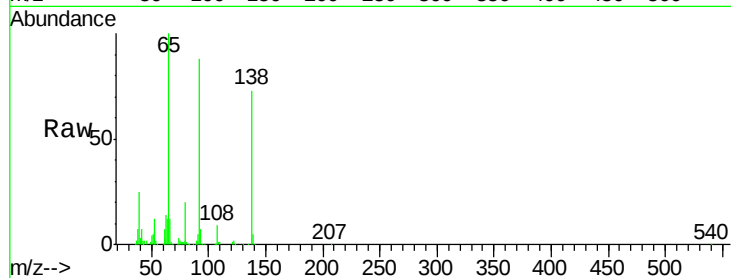
Tot Ion:138 Resp: 80190

Ion Ratio Lower Upper

138 100

108 13.0 7.8 11.8#

92 120.9 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 82.992 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

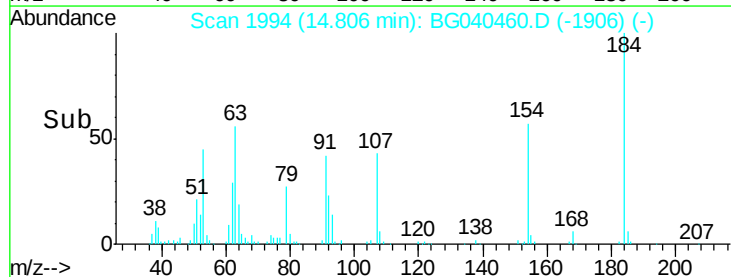
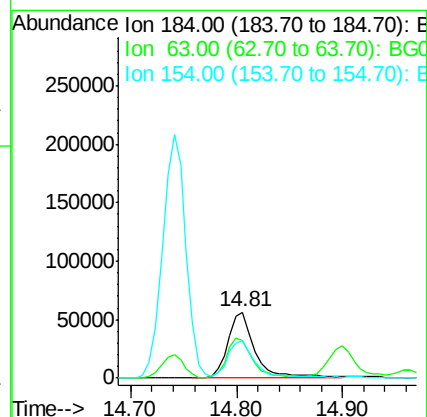
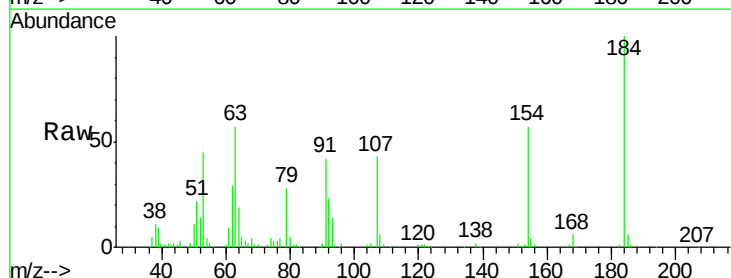
Tgt Ion:184 Resp: 100586

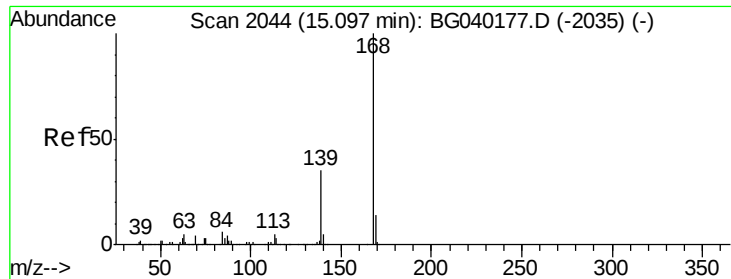
Ion Ratio Lower Upper

184 100

63 57.0 51.8 77.8

154 56.6 50.9 76.3

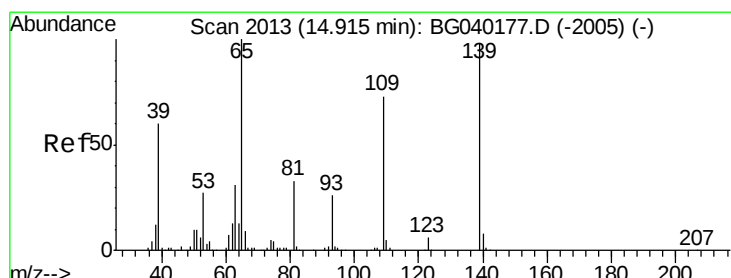
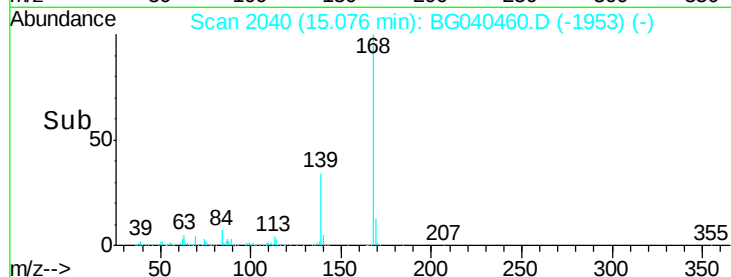
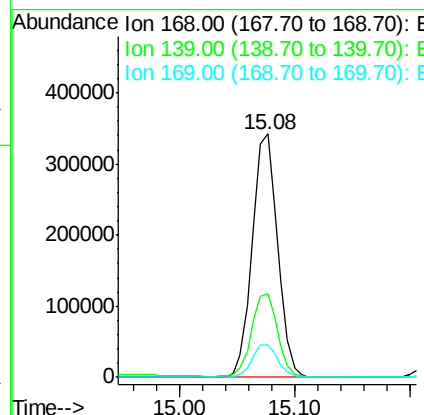
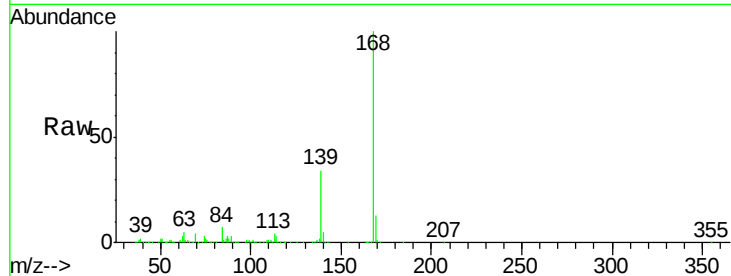




#55
Dibenzenofuran
Concen: 42.712 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

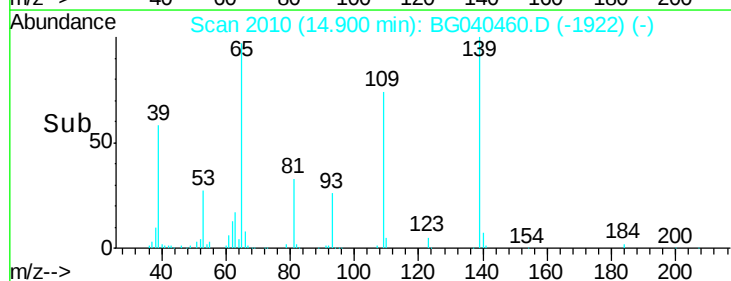
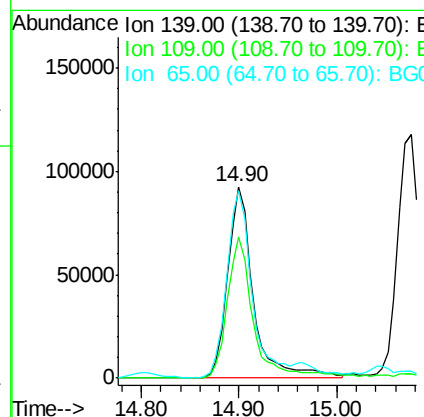
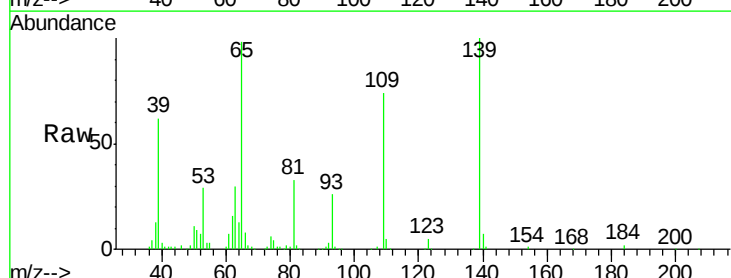
Instrument :
BNA_G
ClientSampleId :

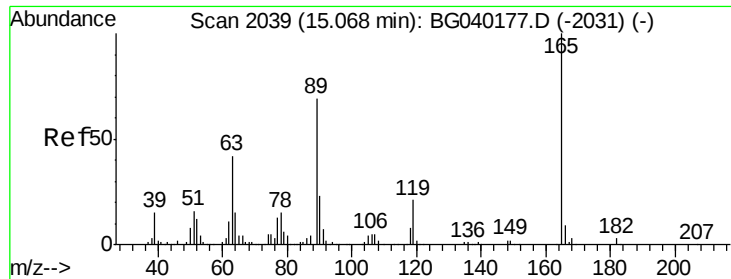
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.4	27.9	41.9
169	13.3	11.3	16.9



#56
4-Nitrophenol
Concen: 87.133 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	54.3	94.3
65	97.9	82.5	122.5

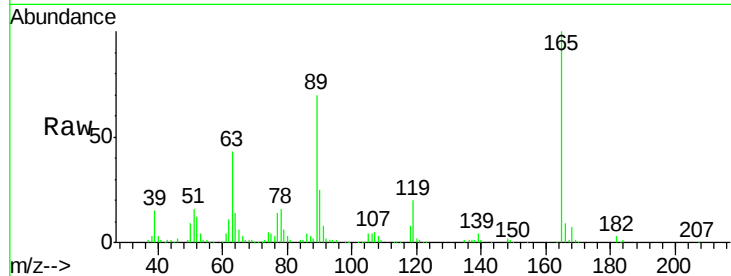




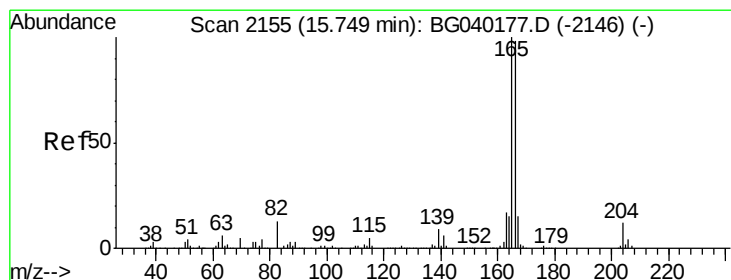
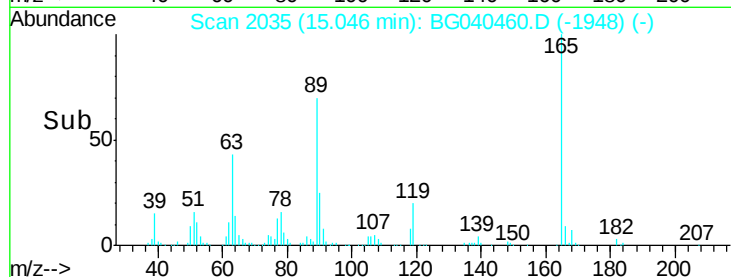
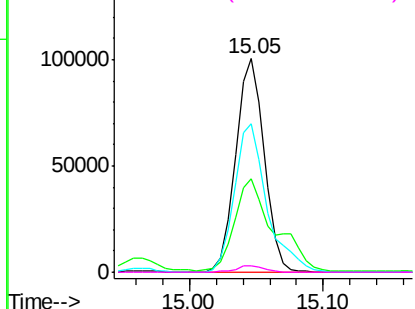
#57
2,4-Dinitrotoluene
Concen: 46.954 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	148686
Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.8	50.6
89	69.6	55.4	83.2
182	3.0	2.2	3.4

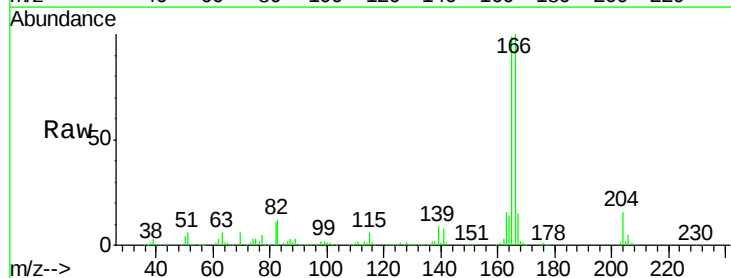


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

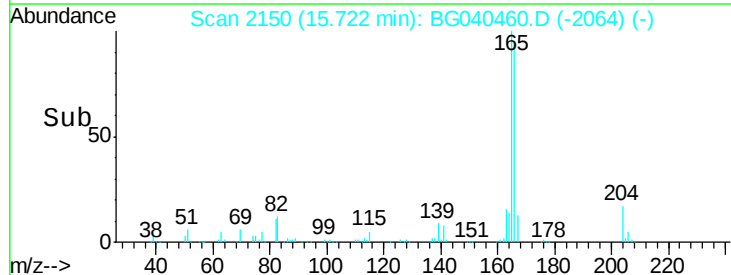
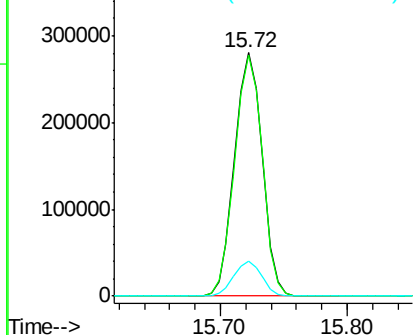


#58
Fluorene
Concen: 43.880 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion:	166	Resp:	423317
Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.7	122.5
167	14.6	11.9	17.9



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

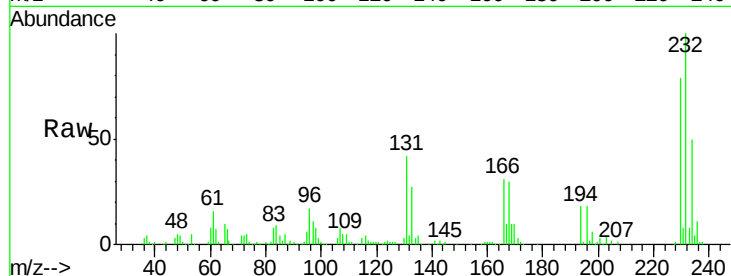




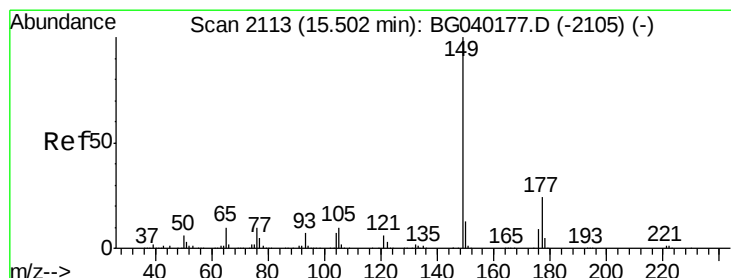
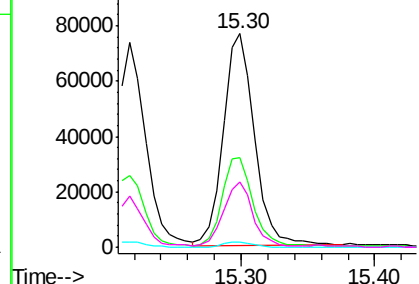
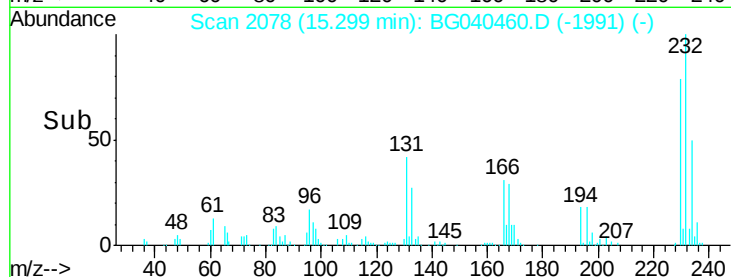
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.831 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	125723
Ion	Ratio	Lower	Upper
232	100		
131	43.6	32.9	49.3
130	2.4	1.8	2.8
166	28.3	23.5	35.3

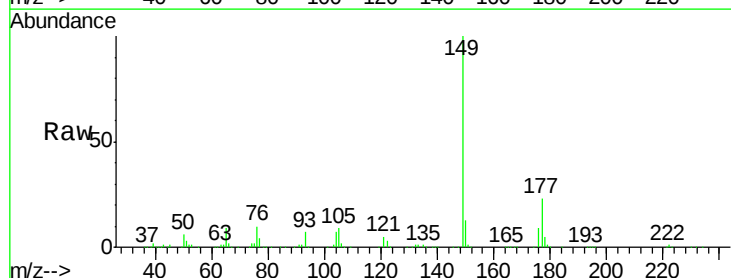


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

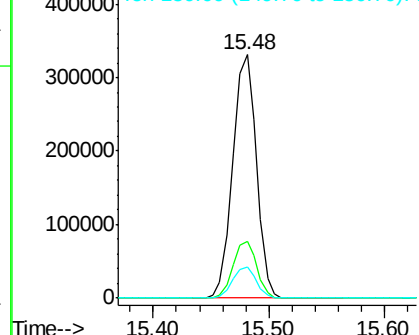
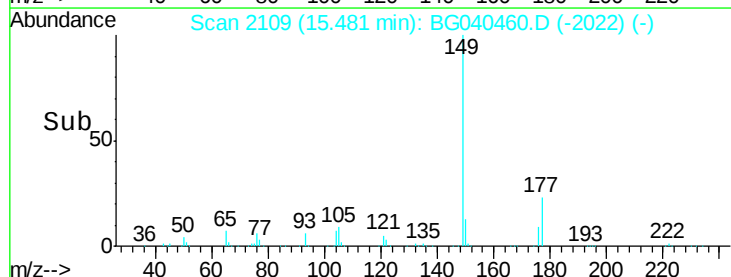


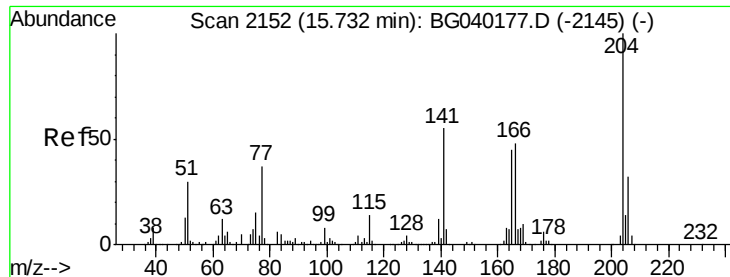
#60
 Diethylphthalate
 Concen: 45.130 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion:	149	Resp:	468722
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.9	10.6	15.8



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

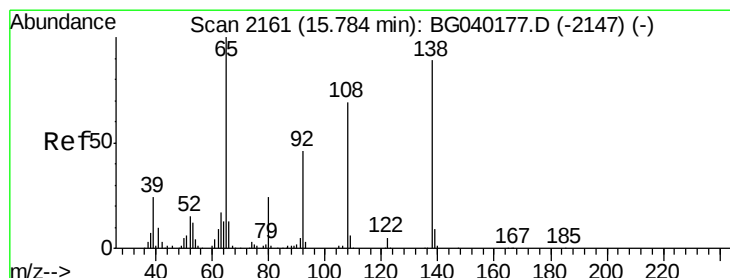
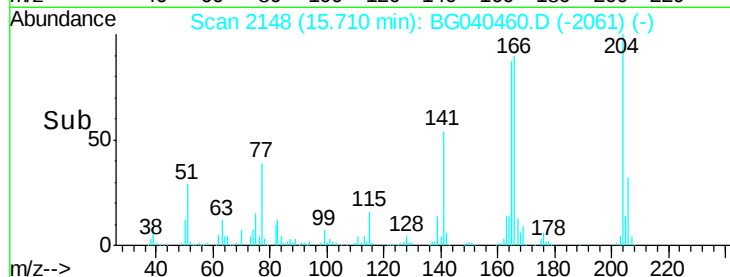
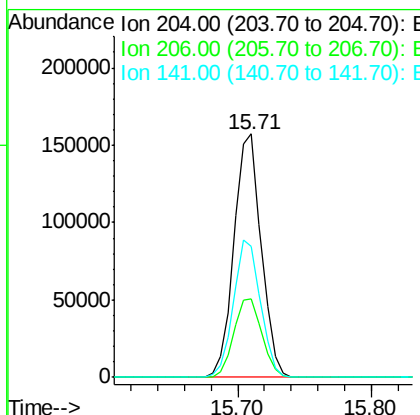
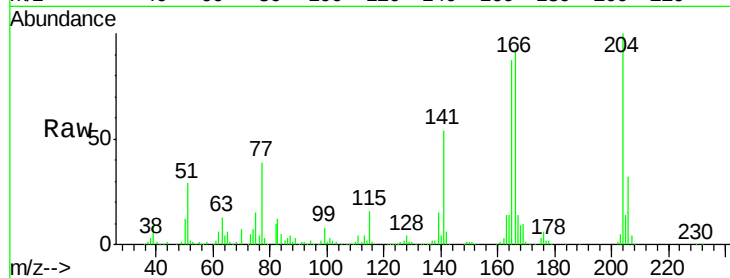




#61
 4-Chlorophenyl-phenylether
 Concen: 43.278 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

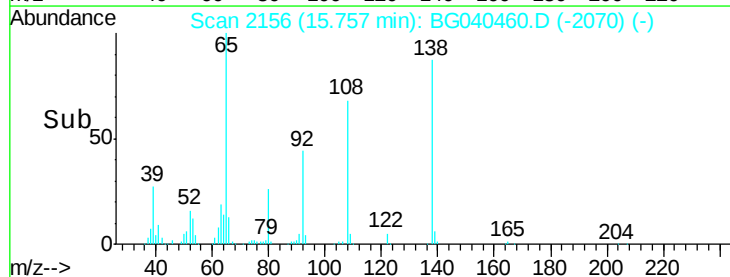
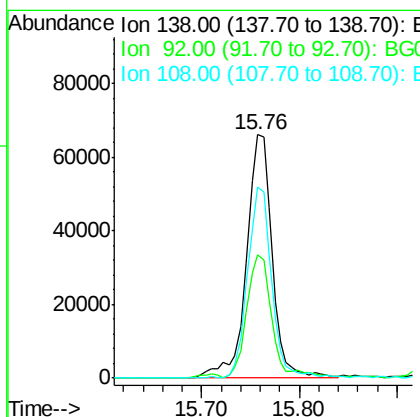
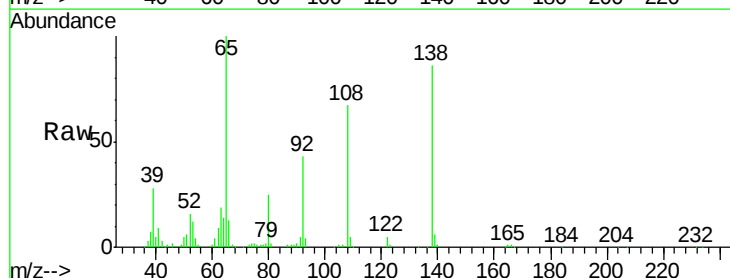
Instrument :
 BNA_G
 ClientSampled :

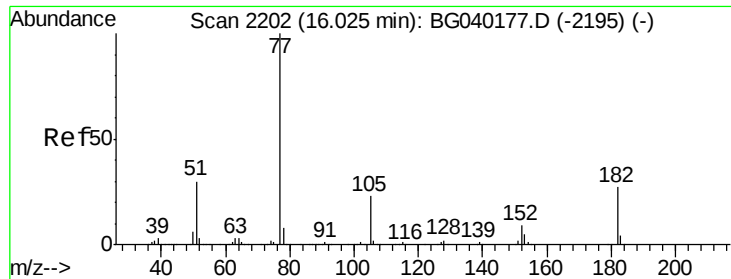
Tot Ion:204 Resp: 223167
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.7 38.5
 141 53.7 44.0 66.0



#62
 4-Nitroaniline
 Concen: 46.892 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion:138 Resp: 121395
 Ion Ratio Lower Upper
 138 100
 92 50.7 31.8 71.8
 108 78.3 57.2 97.2

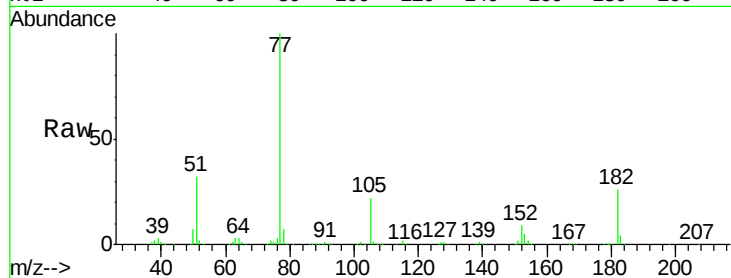




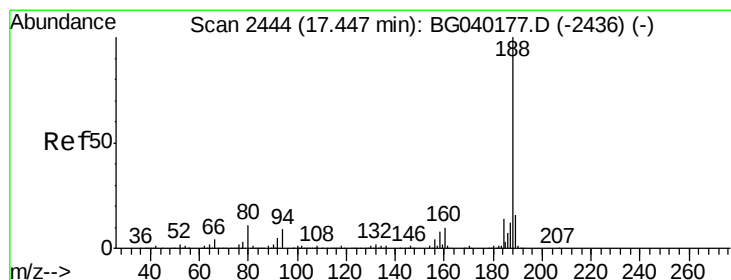
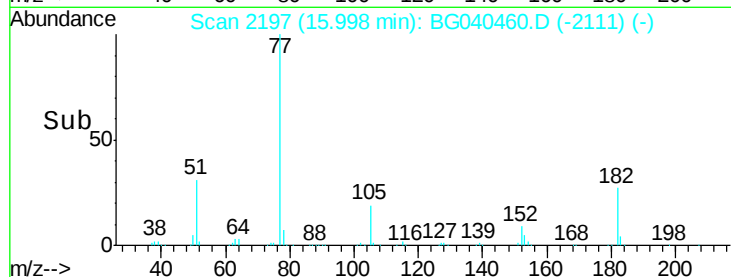
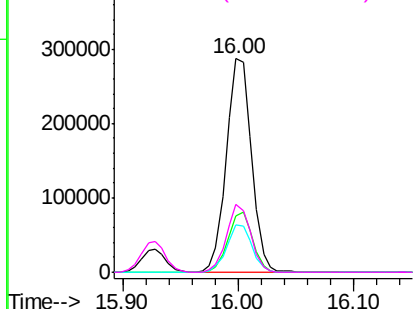
#63
Azobenzene
Concen: 44.013 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	7.2	47.2	
105	22.1	2.8	42.8	
51	32.0	10.4	50.4	

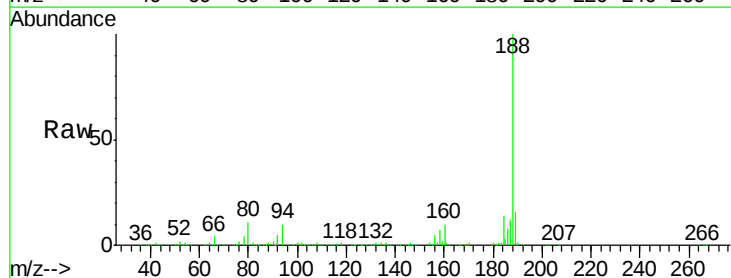


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

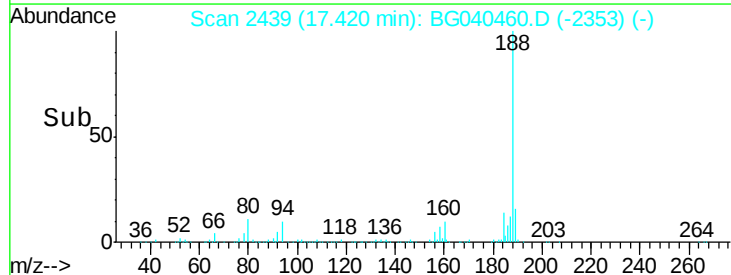
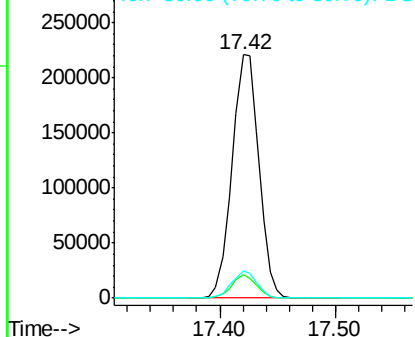


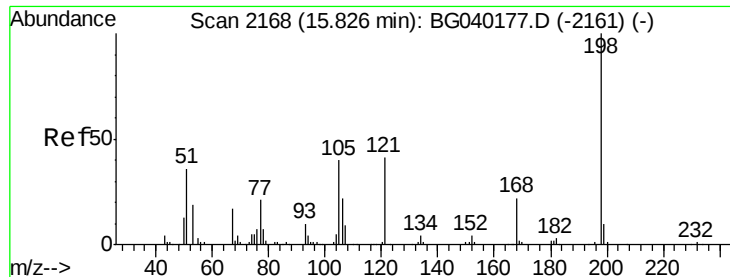
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	7.0	10.4	
80	11.0	8.6	13.0	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 39.920 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

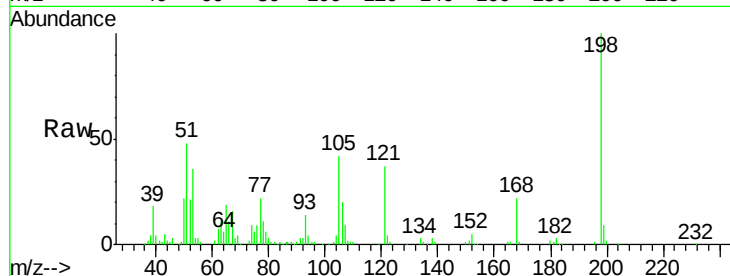
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 79574

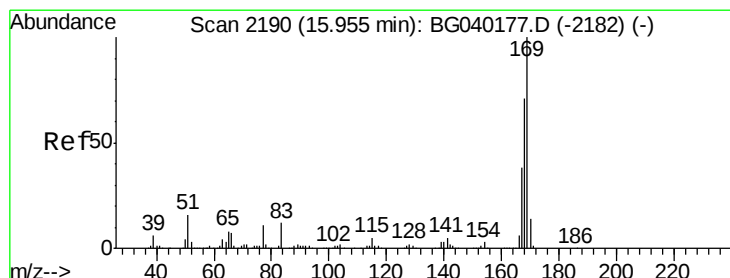
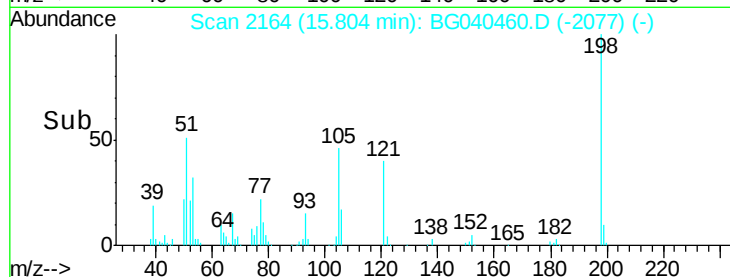
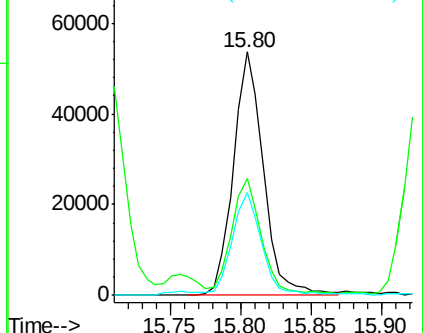
Ion	Ratio	Lower	Upper
198	100		
51	47.8	27.3	67.3
105	42.5	21.7	61.7



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: 39.343 ng

RT: 15.93 min Scan# 2185

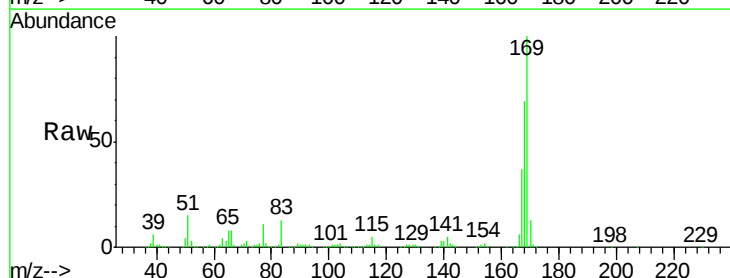
Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Tgt Ion:169 Resp: 408479

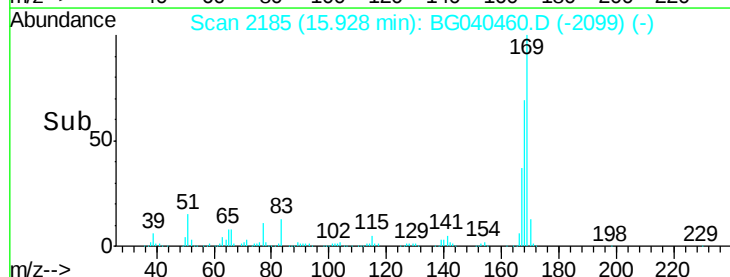
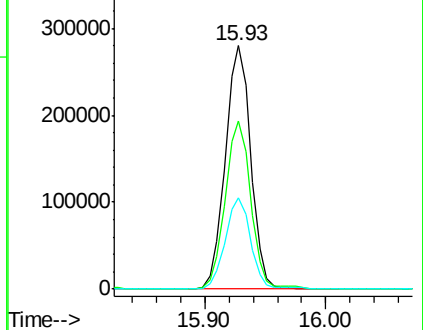
Ion	Ratio	Lower	Upper
169	100		
168	68.8	56.8	85.2
167	37.4	30.2	45.4

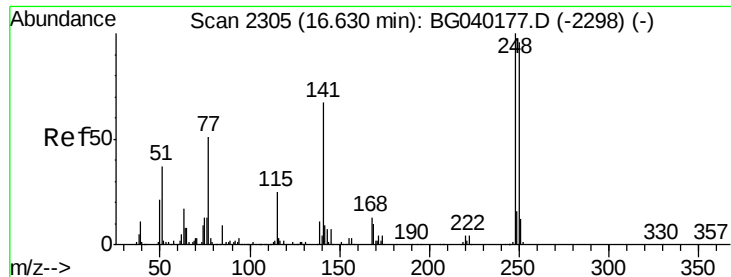


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

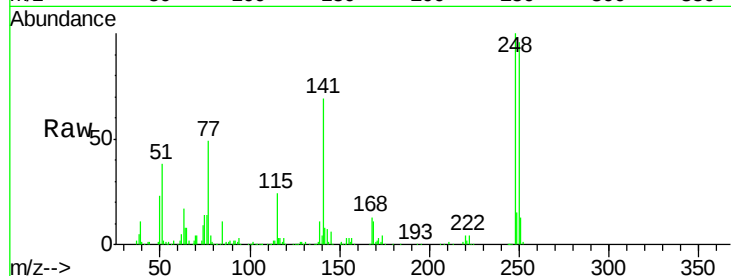




#67
 4-Bromophenyl-phenylether
 Concen: 37.609 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.4	114.6
141	68.8	53.8	80.8

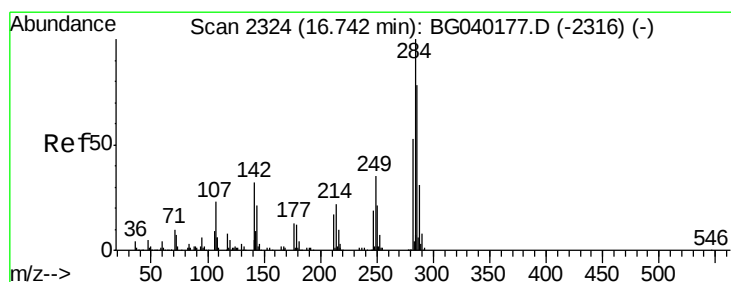
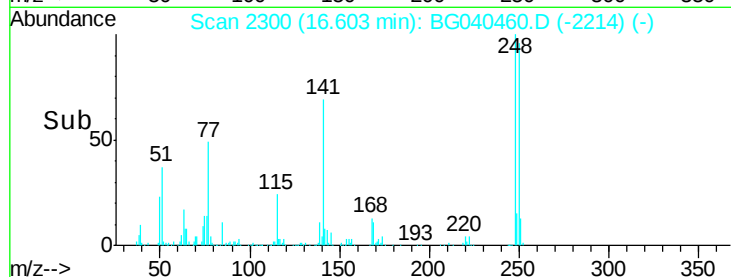
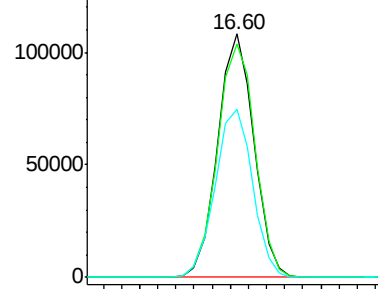


Abundance

Ion 248.00 (247.70 to 248.70): E

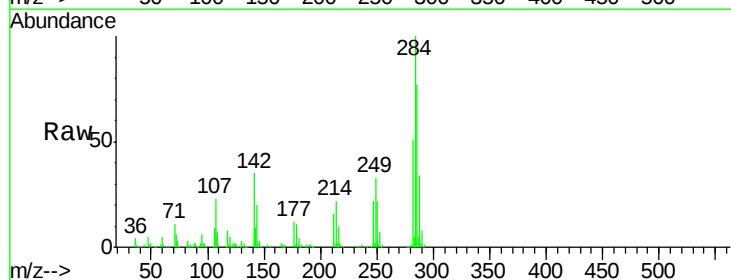
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.298 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG040460.D
 Acq: 12 Apr 2019 14:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	25.3	37.9
249	32.6	28.2	42.2

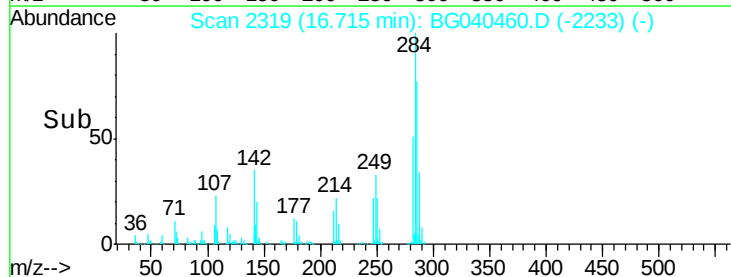
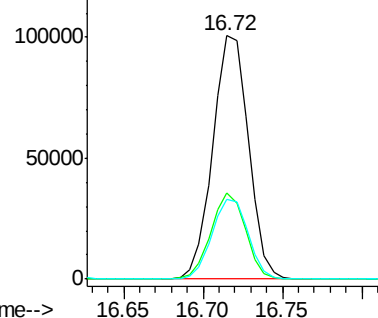


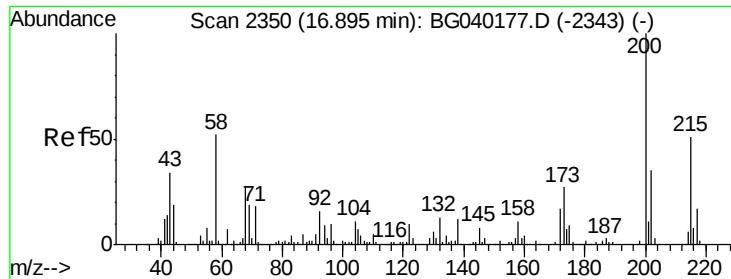
Abundance

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: 40.288 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

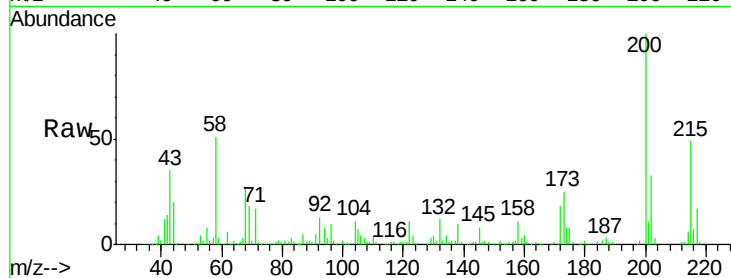
Tot Ion:200 Resp: 155602

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

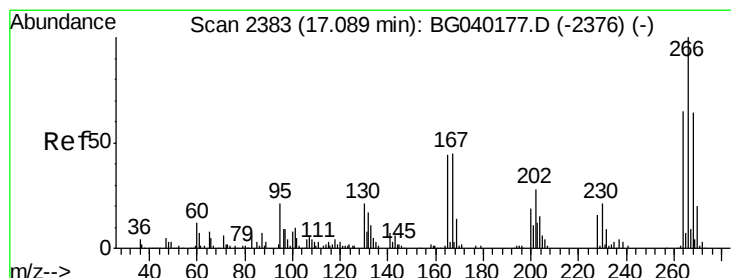
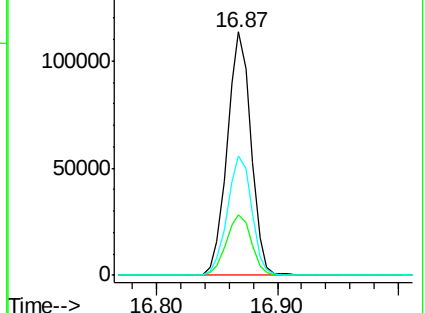
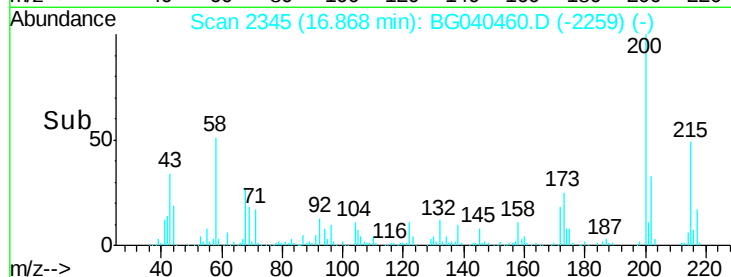
215 49.1 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.163 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

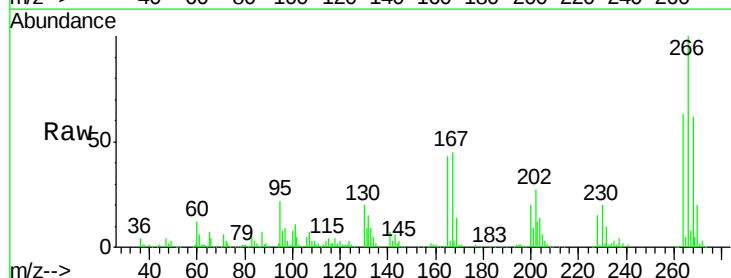
Tgt Ion:266 Resp: 172130

Ion Ratio Lower Upper

266 100

268 61.9 55.0 82.4

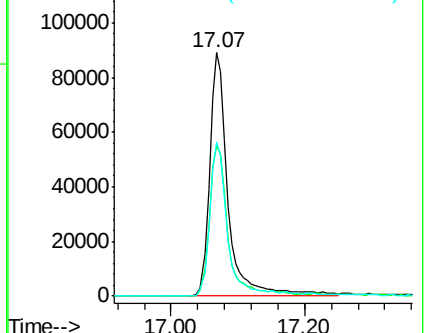
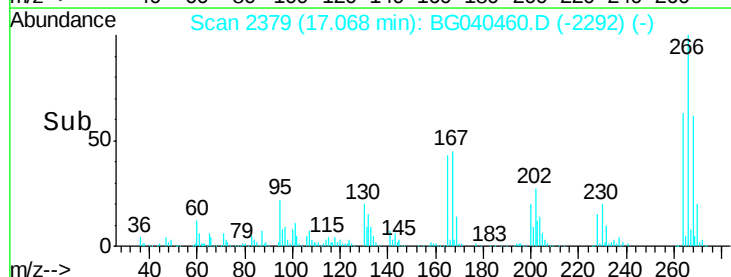
264 63.5 51.8 77.8

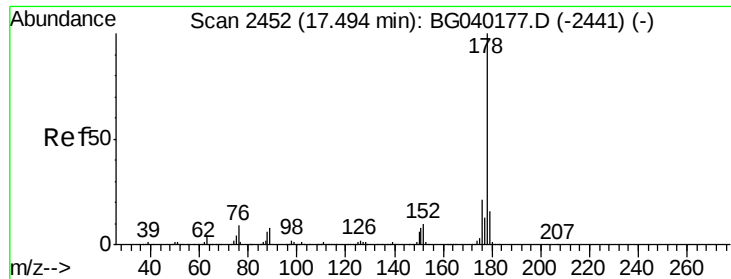


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.133 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

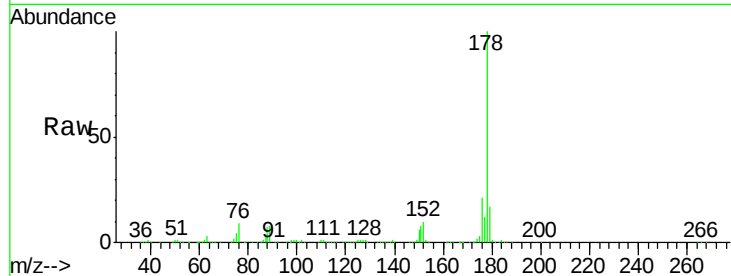
Tot Ion:178 Resp: 767089

Ion Ratio Lower Upper

178 100

176 20.7 16.7 25.1

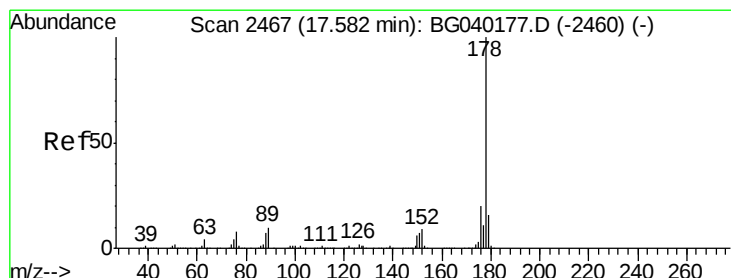
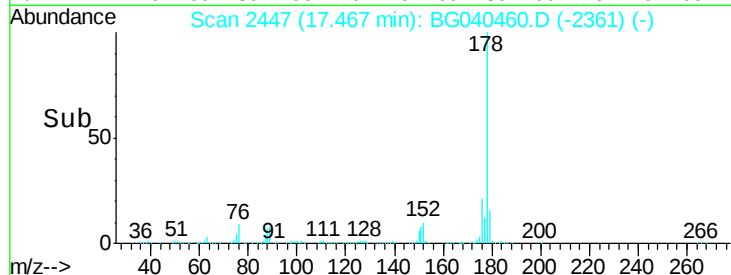
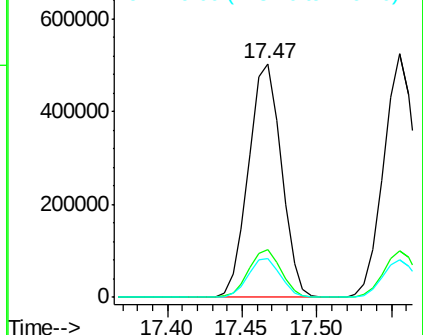
179 16.5 12.8 19.2



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: 42.421 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

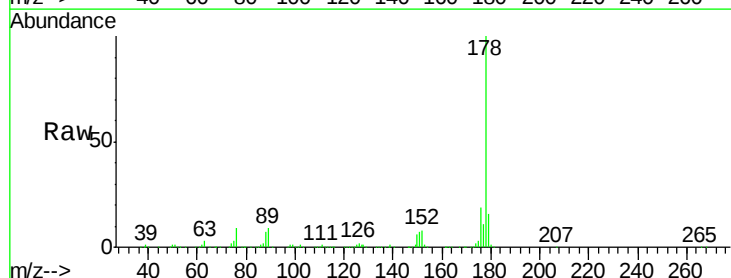
Tgt Ion:178 Resp: 791836

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

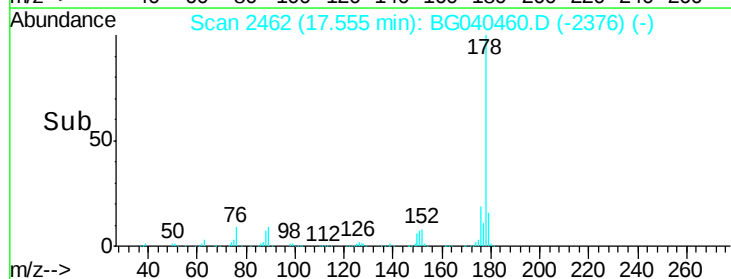
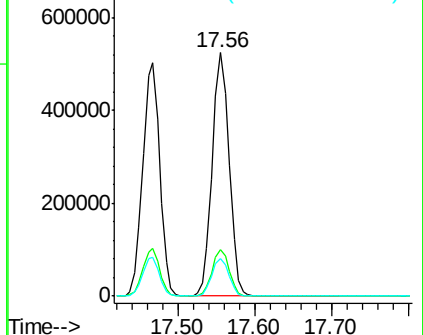
179 15.6 12.9 19.3

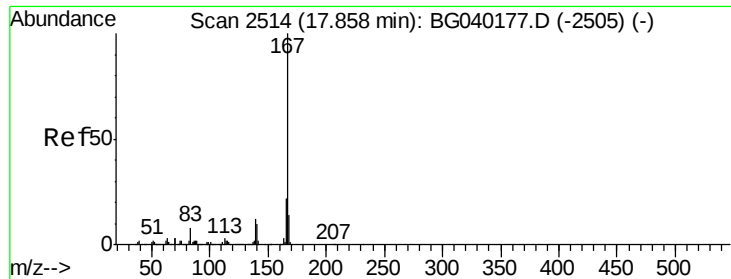


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.507 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

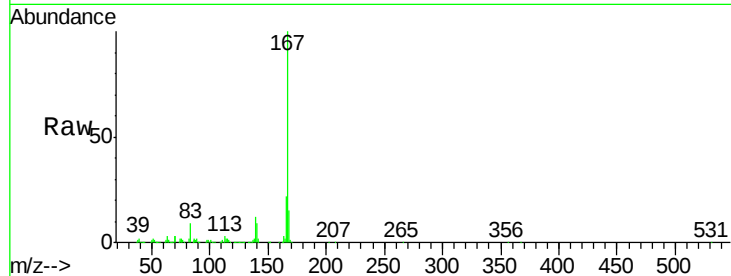
Tot Ion:167 Resp: 768580

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

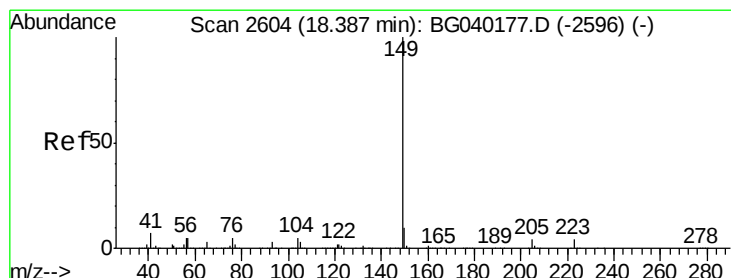
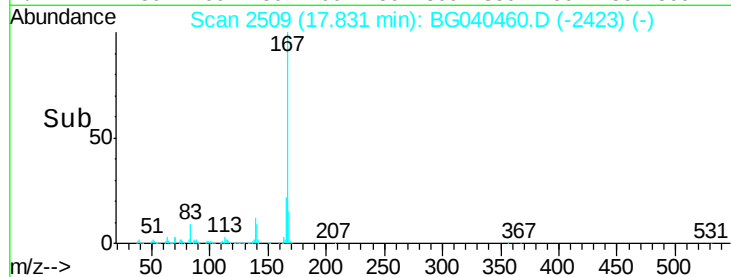
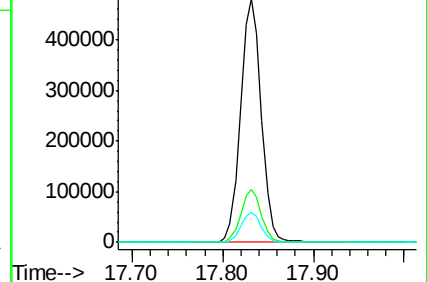
139 12.3 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.570 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

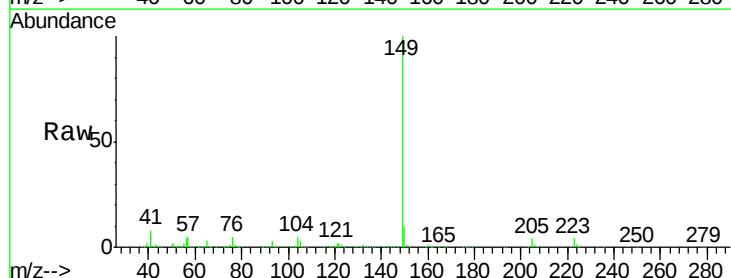
Tgt Ion:149 Resp: 912342

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

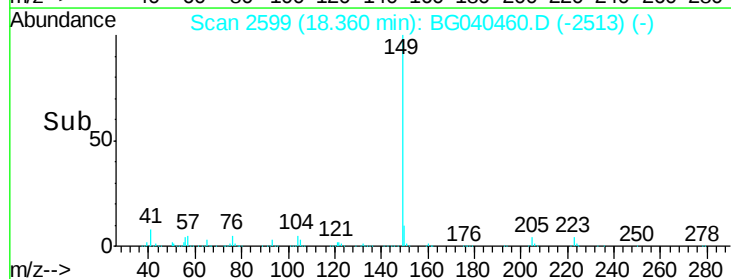
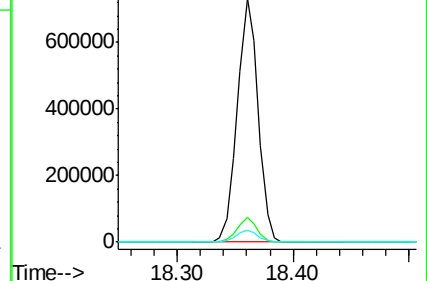
104 5.1 4.1 6.1

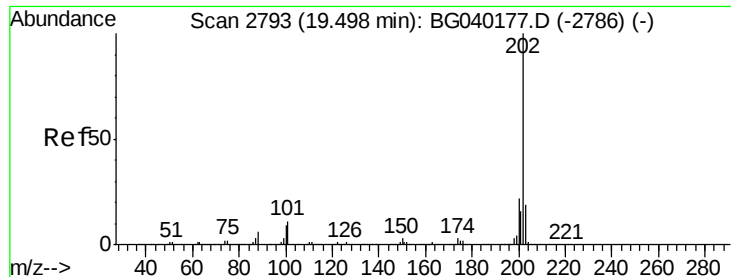


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.445 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

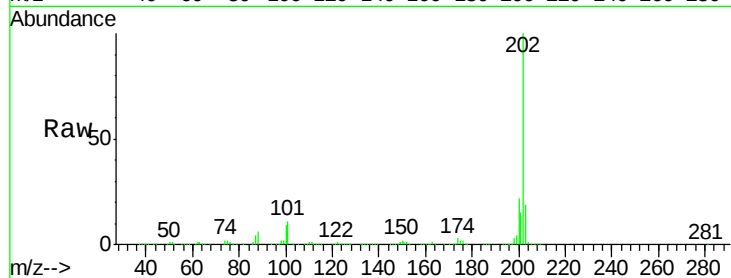
Tot Ion:202 Resp: 981471

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

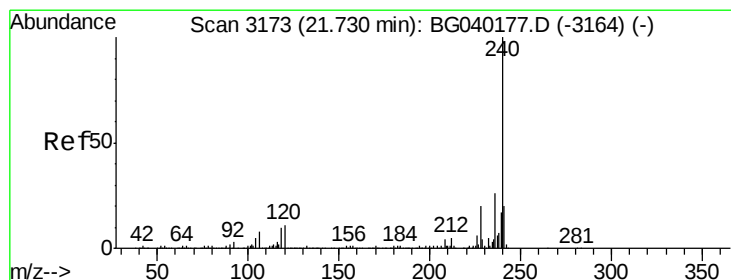
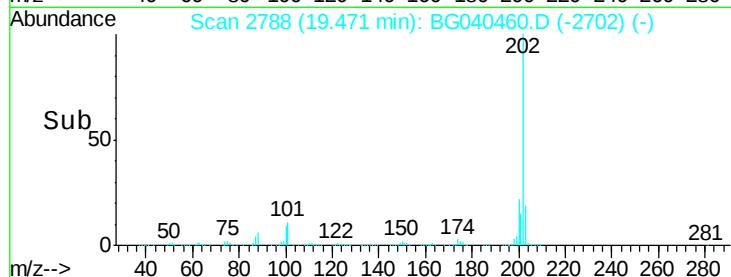
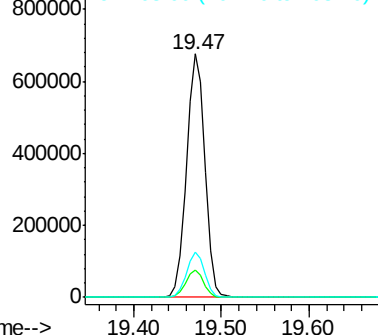
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

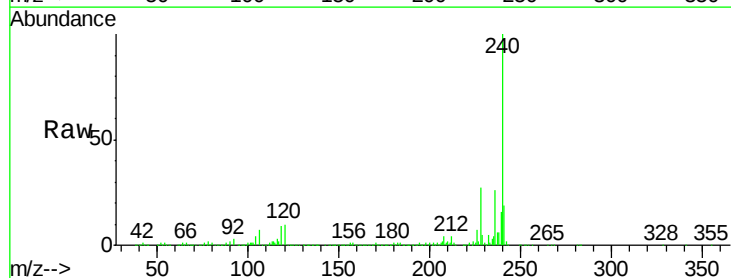
Tgt Ion:240 Resp: 386267

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

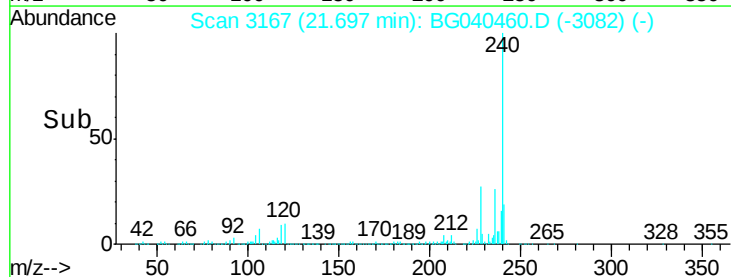
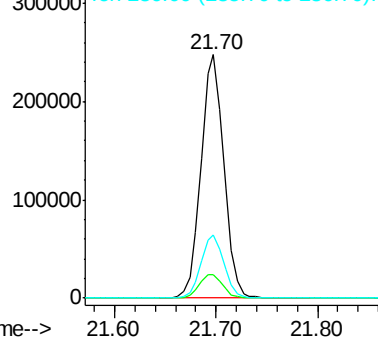
236 26.0 20.8 31.2

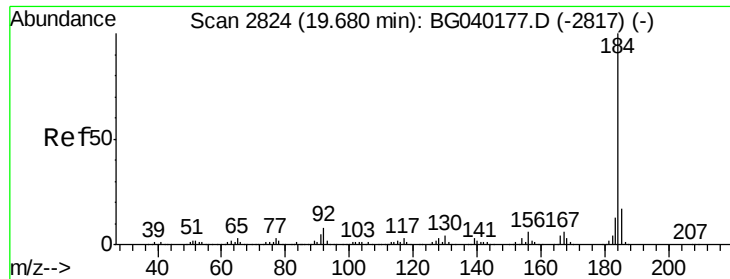


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.017 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

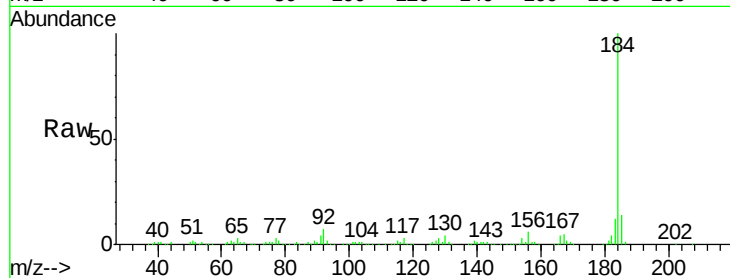
Tot Ion:184 Resp: 348948

Ion Ratio Lower Upper

184 100

185 14.3 13.3 19.9

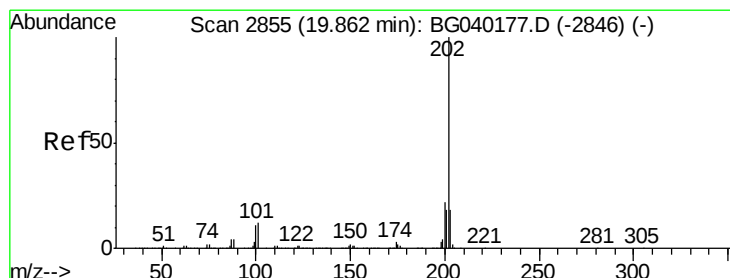
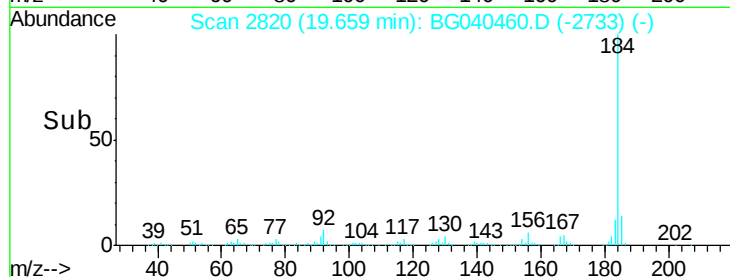
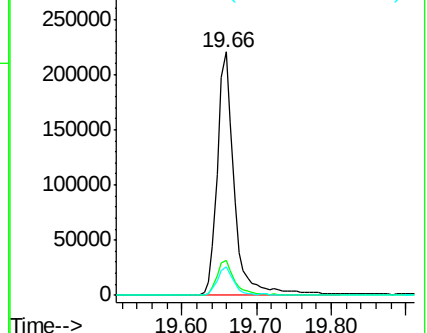
183 11.9 10.3 15.5



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: 38.696 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

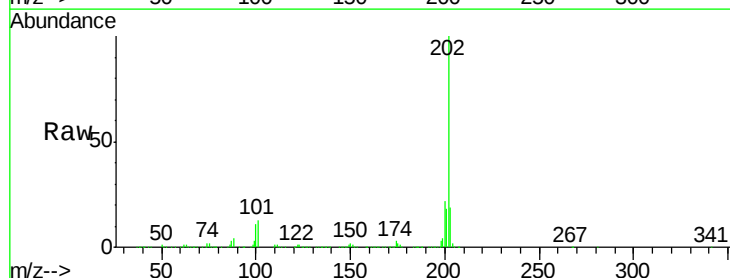
Tgt Ion:202 Resp: 982942

Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

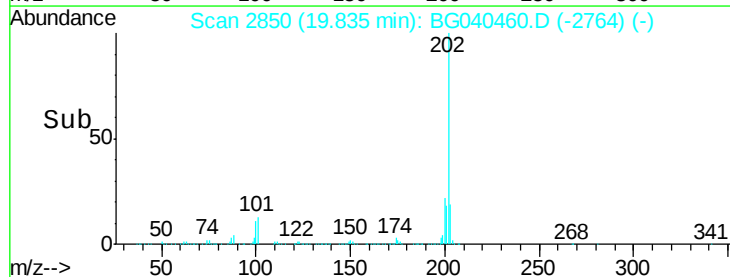
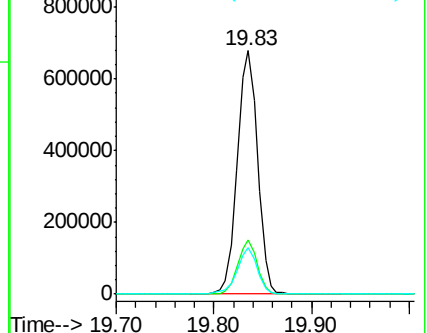
203 19.1 14.6 22.0



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: 82.442 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

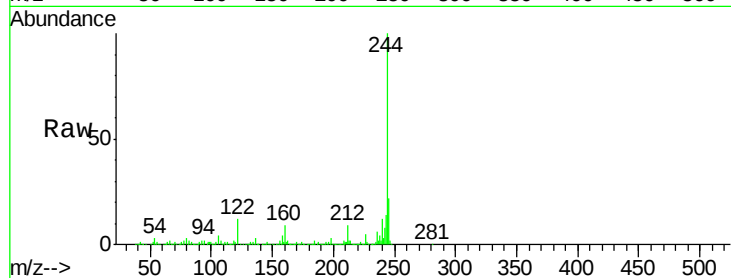
Tot Ion:244 Resp: 1415529

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

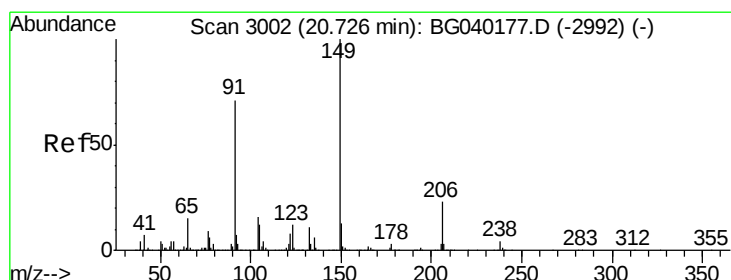
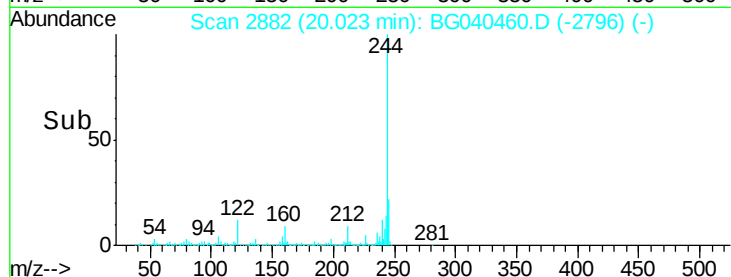
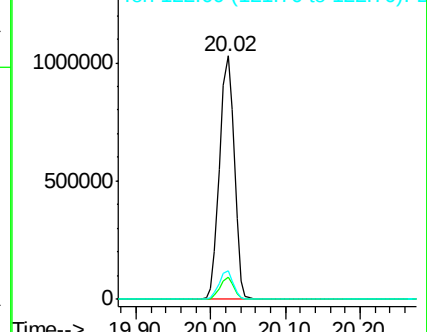
122 11.8 8.5 12.7



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: 40.509 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

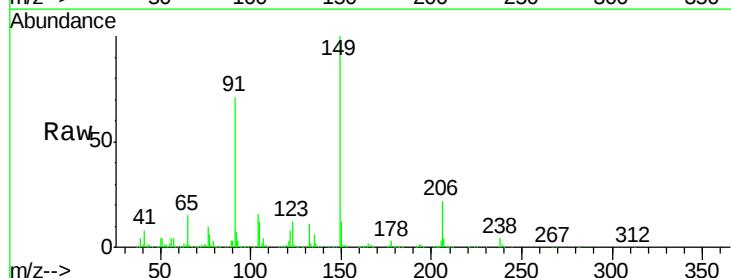
Tgt Ion:149 Resp: 440317

Ion Ratio Lower Upper

149 100

91 71.1 57.0 85.4

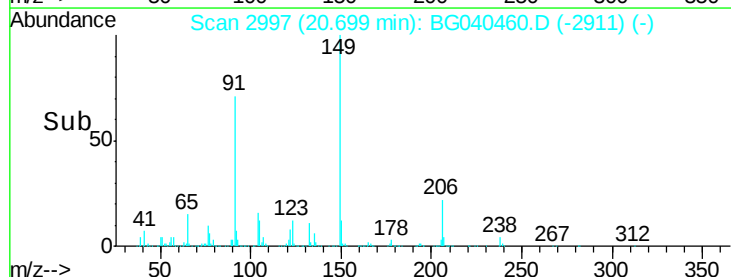
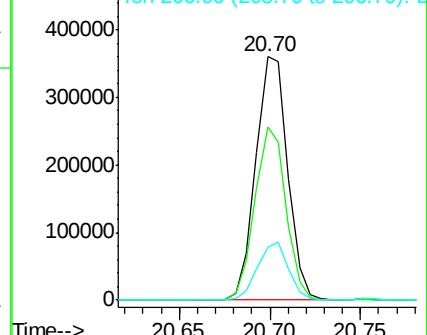
206 21.9 18.2 27.4

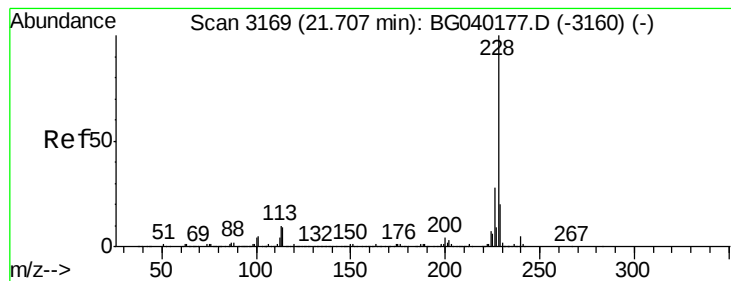


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.182 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

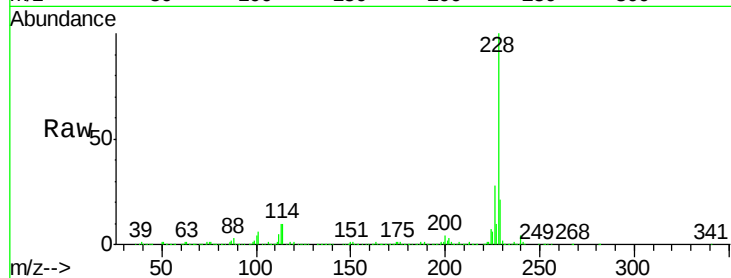
Tot Ion:228 Resp: 908433

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

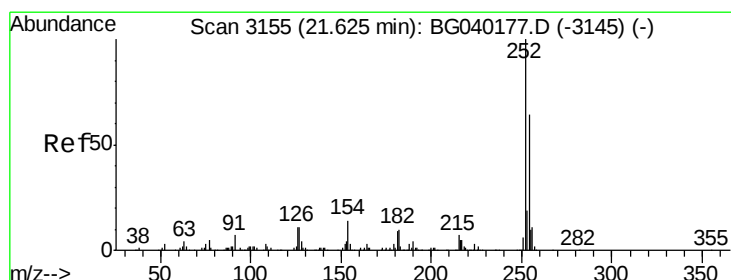
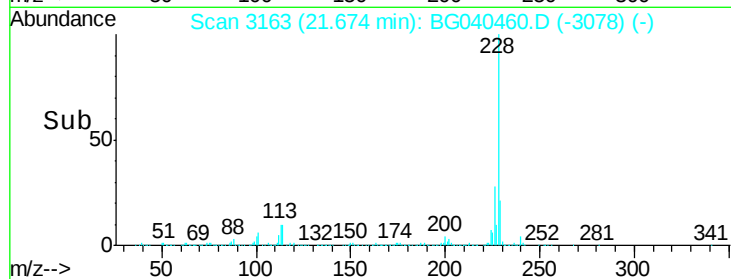
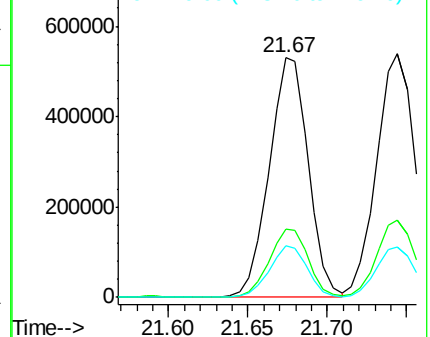
229 21.4 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.451 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

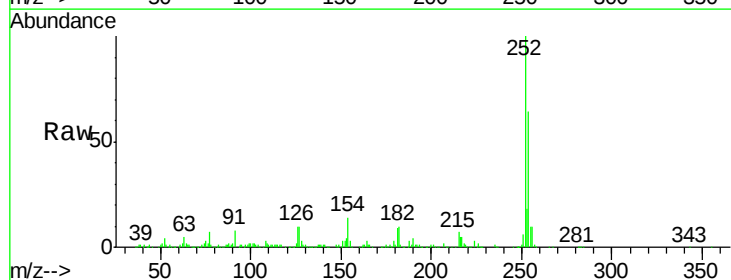
Tgt Ion:252 Resp: 266548

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.2

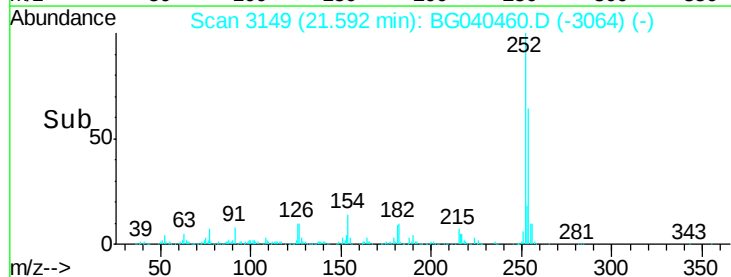
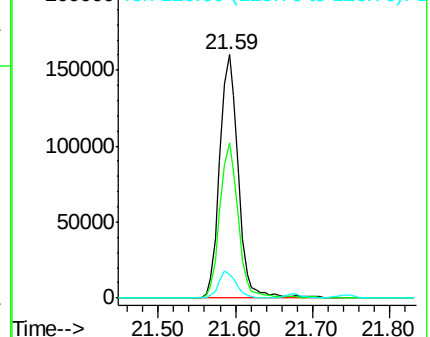
126 9.9 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.843 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

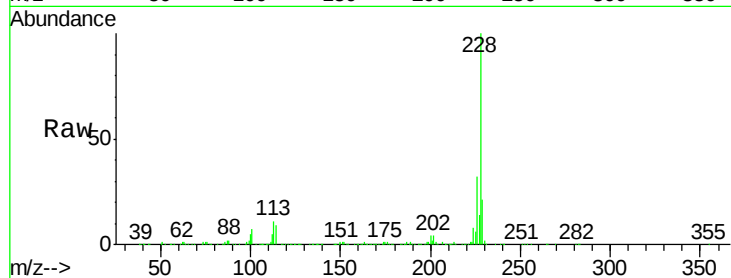
Tot Ion:228 Resp: 911024

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

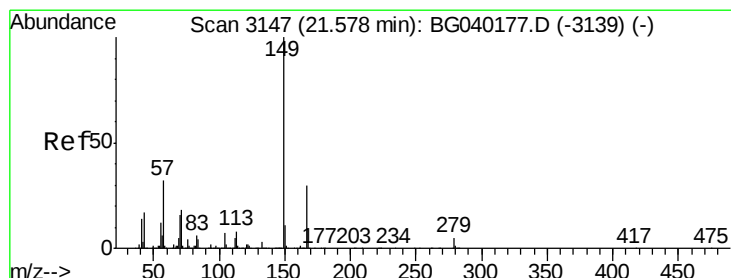
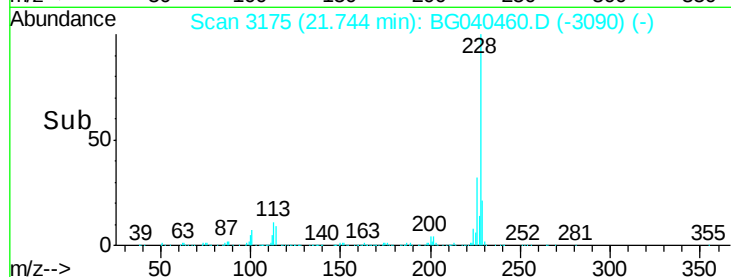
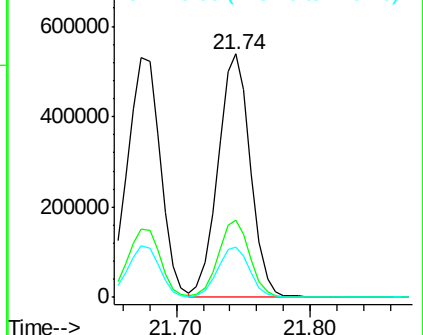
229 20.7 17.0 25.4



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: 42.216 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

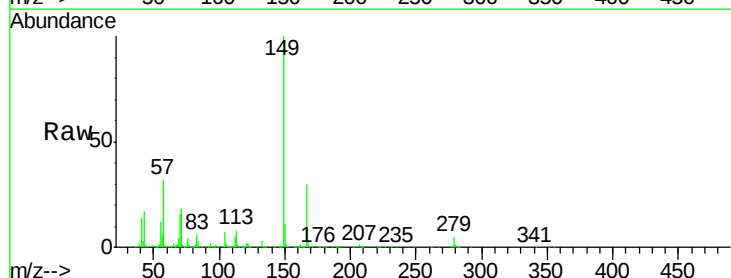
Tgt Ion:149 Resp: 655941

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

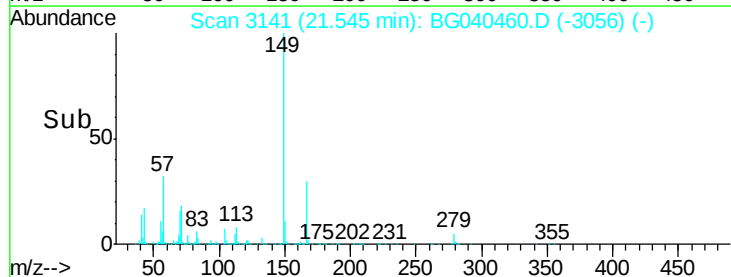
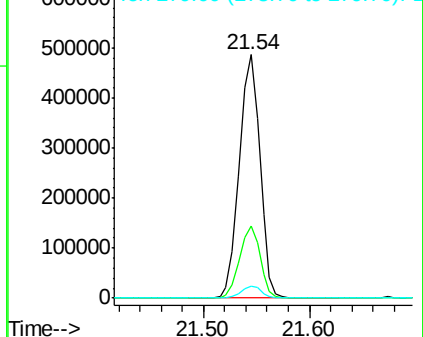
279 4.8 4.1 6.1

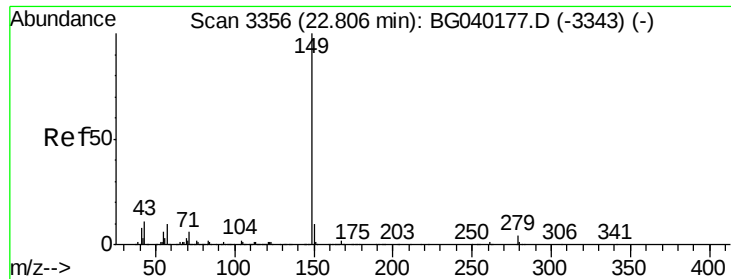


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.194 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

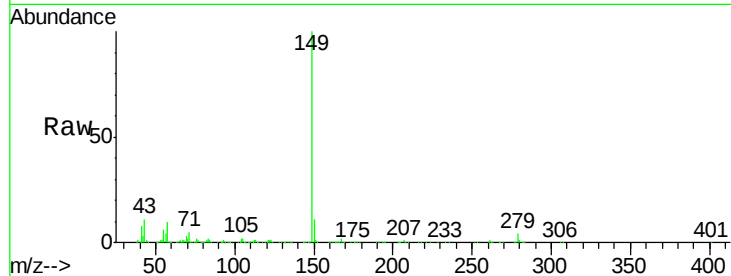
Tot Ion:149 Resp: 1116980

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

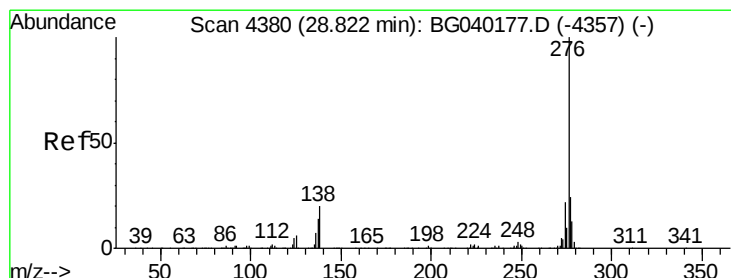
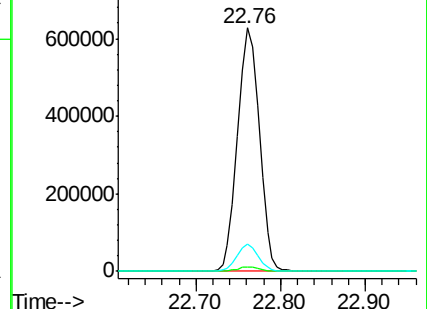
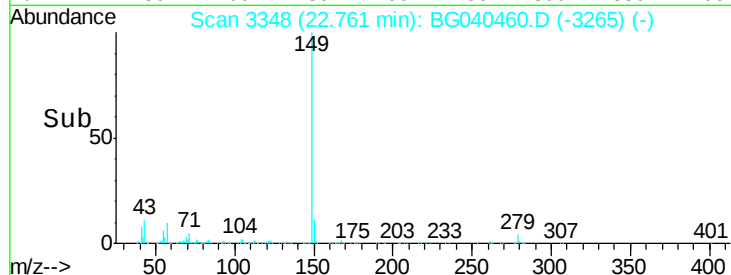
43 10.7 8.7 13.1



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.047 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.09 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

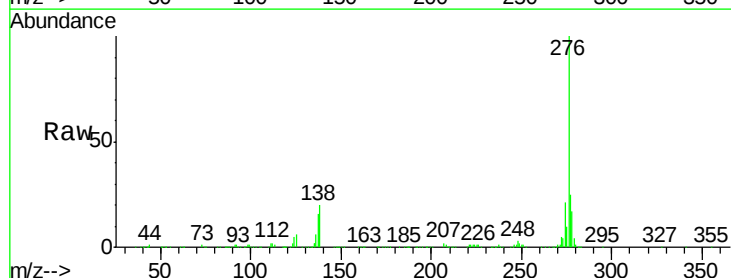
Tgt Ion:276 Resp: 1119958

Ion Ratio Lower Upper

276 100

138 15.3 18.8 28.2#

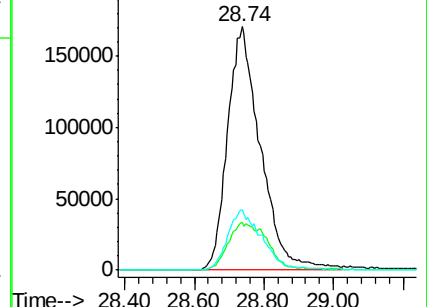
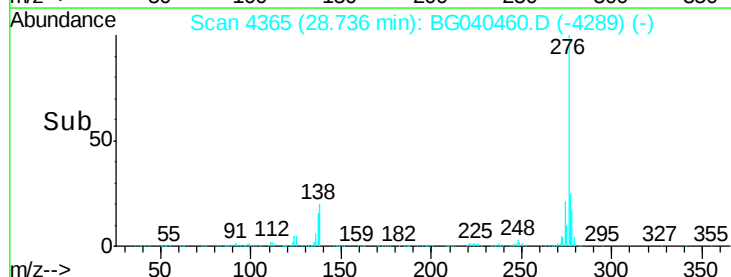
277 25.1 21.0 31.4

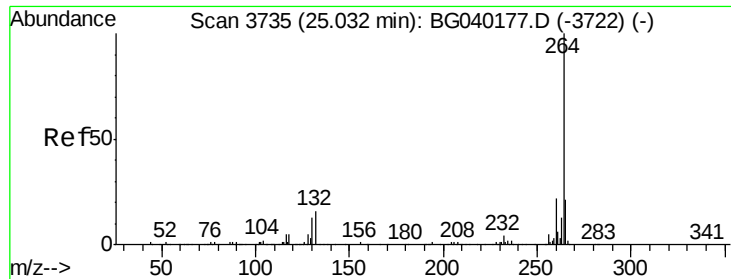


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

Instrument :

BNA_G

ClientSampleId :

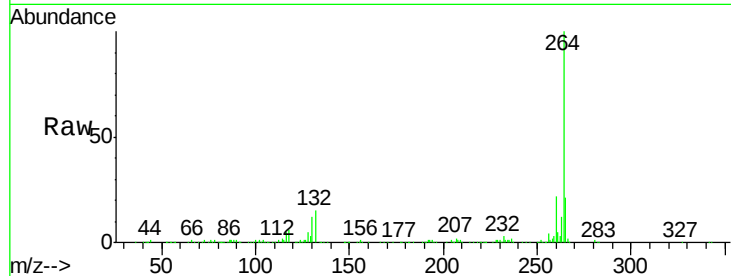
Tot Ion:264 Resp: 373753

Ion Ratio Lower Upper

264 100

260 21.9 17.9 26.9

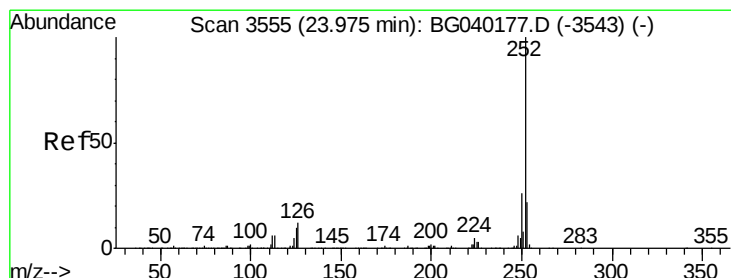
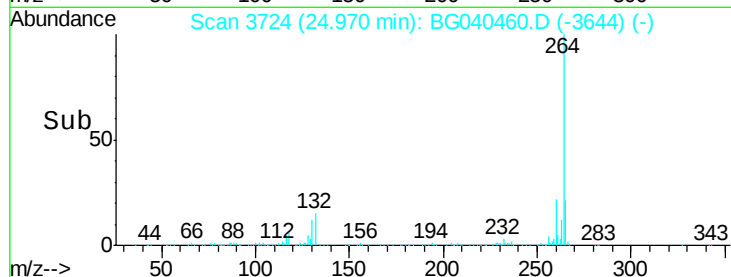
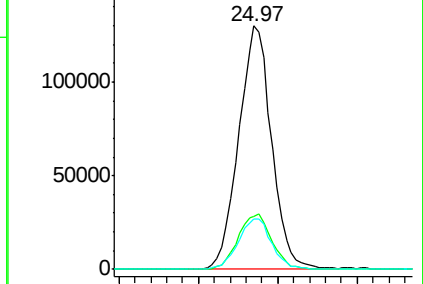
265 20.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.283 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040460.D

Acq: 12 Apr 2019 14:07

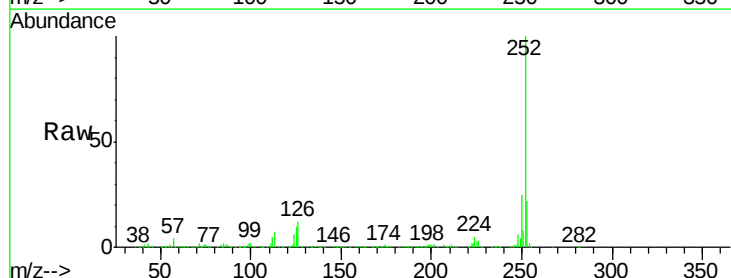
Tgt Ion:252 Resp: 1013308

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

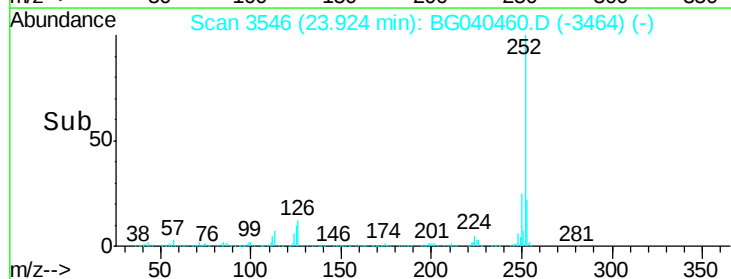
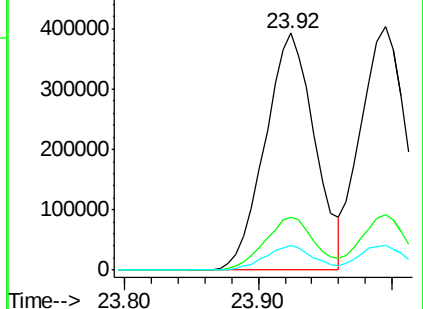
125 10.4 8.2 12.4

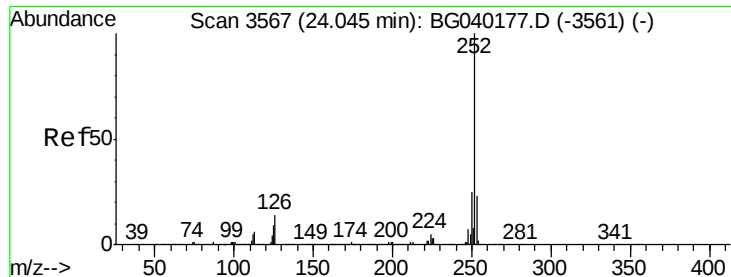


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

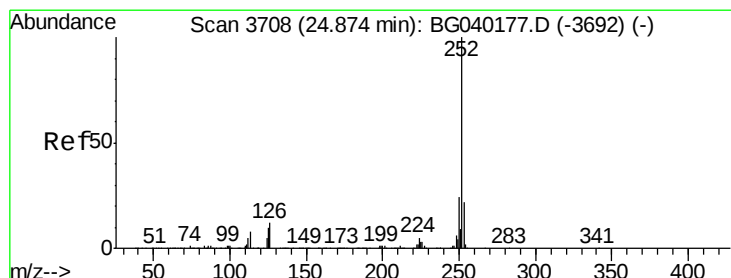
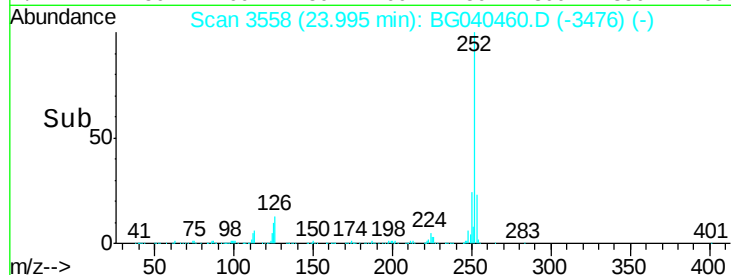
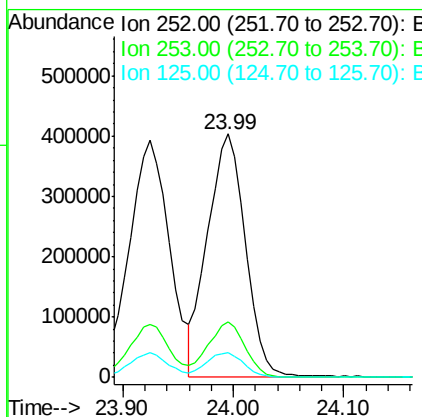
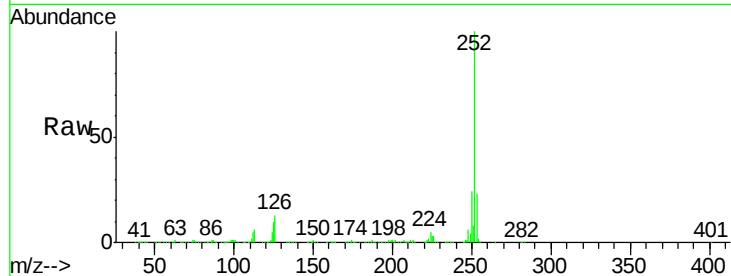




#89
Benzo(k)fluoranthene
Concen: 45.199 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

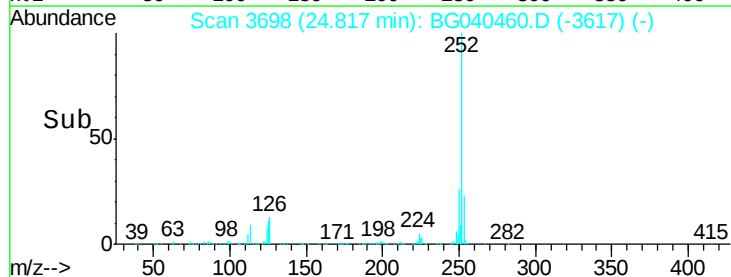
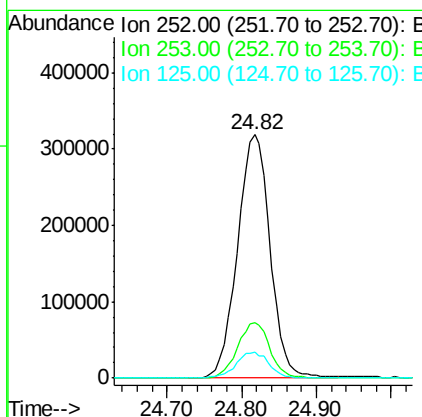
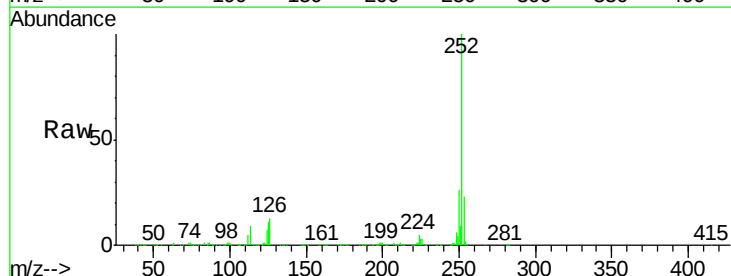
Instrument :
BNA_G
ClientSampleId :

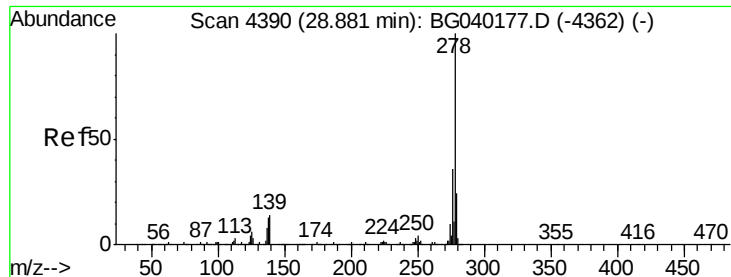
Tot Ion:252 Resp: 951136
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 10.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.991 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion:252 Resp: 965941
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.9 8.3 12.5

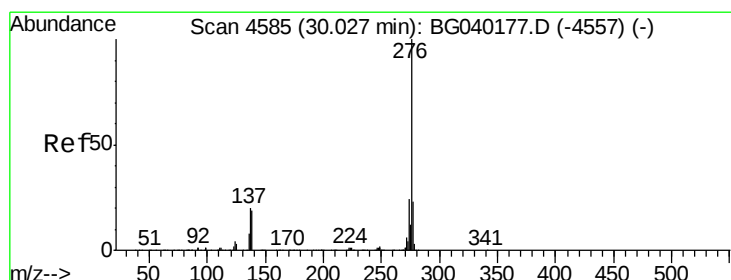
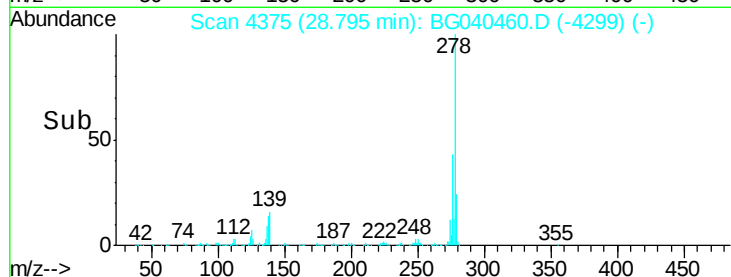
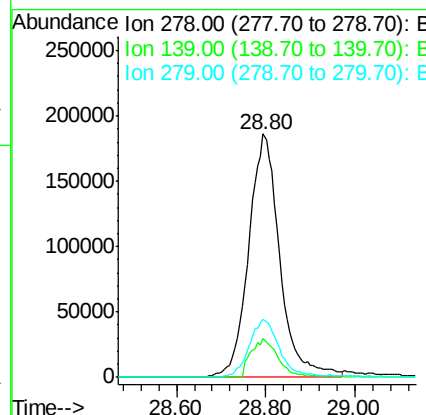
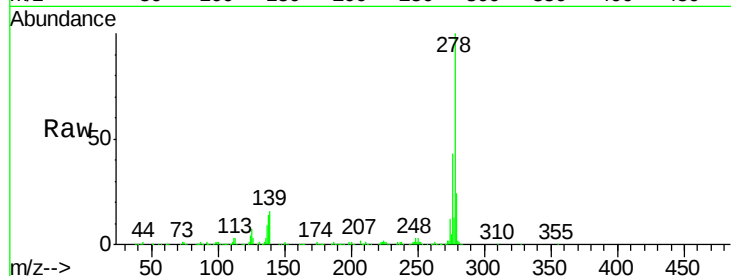




#91
Dibenzo(a,h)anthracene
Concen: 44.795 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.2	16.8
279	23.7	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 44.920 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040460.D
Acq: 12 Apr 2019 14:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	20.6	15.2	22.8

