

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
 Data File : BG040647.D
 Acq On : 27 Apr 2019 3:33
 Operator : JU/SJ
 Sample : K2203-18MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 27 04:41:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	49213	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	192684	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	141863	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	376676	20.00	ng	0.00
76) Chrysene-d12	21.82	240	378135	20.00	ng	0.00
87) Perylene-d12	25.20	264	407891	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	388295	139.08	ng	0.00
7) Phenol-d6	7.29	99	535773	124.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	440356	105.60	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	320519	164.37	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	891210	90.73	ng	0.00
79) Terphenyl-d14	20.13	244	1802422	105.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.56	88	53220	41.916	ng	# 22
3) Pyridine	3.98	79	133651	36.317	ng	98
4) n-Nitrosodimethylamine	3.88	42	92773	45.449	ng	99
6) Aniline	7.48	93	72181	12.669	ng	99
8) 2-Chlorophenol	7.71	128	159587	46.815	ng	94
9) Benzaldehyde	7.29	77	50006	15.147	ng	97
10) Phenol	7.32	94	193148	41.800	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	154795	44.673	ng	96
12) 1,3-Dichlorobenzene	8.04	146	162743	43.739	ng	98
13) 1,4-Dichlorobenzene	8.19	146	165141	43.782	ng	98
14) 1,2-Dichlorobenzene	8.51	146	158553	43.588	ng	98
15) Benzyl Alcohol	8.39	79	202813	45.344	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	296159	42.930	ng	99
17) 2-Methylphenol	8.59	107	150091	45.899	ng	96
18) Hexachloroethane	9.25	117	66310	42.856	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	161805	41.815	ng	97
20) 3+4-Methylphenols	8.92	107	204984	44.998	ng	97
22) Acetophenone	8.99	105	274960	51.317	ng	# 98
24) Nitrobenzene	9.38	77	236996	53.266	ng	99
25) Isophorone	9.90	82	443834	47.781	ng	99
26) 2-Nitrophenol	10.09	139	88779	55.665	ng	91
27) 2,4-Dimethylphenol	10.13	122	176737	59.062	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	225309	48.345	ng	98
29) 2,4-Dichlorophenol	10.61	162	184105	54.117	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	187110	49.597	ng	99
31) Naphthalene	11.03	128	505375	49.369	ng	100
32) Benzoic acid	10.21	122	45358	22.142	ng	87
33) 4-Chloroaniline	11.14	127	11826	2.606	ng	# 82
34) Hexachlorobutadiene	11.30	225	136246	48.918	ng	97
35) Caprolactam	11.92	113	32388	24.114	ng	90
36) 4-Chloro-3-methylphenol	12.24	107	225419	52.525	ng	96
37) 2-Methylnaphthalene	12.62	142	381523	49.848	ng	99
38) 1-Methylnaphthalene	12.84	142	368995	49.323	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	253444	47.958	ng	99

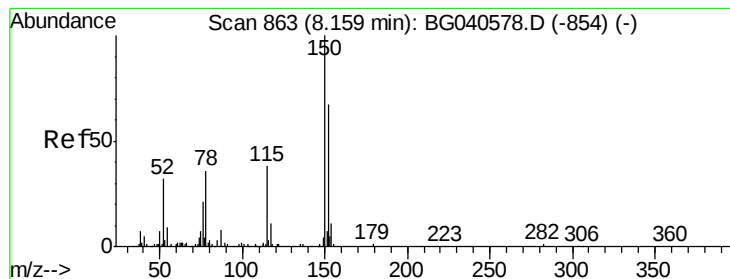
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042619\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	276514	88.671	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	172309	53.954	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	188914	54.302	ng	97
46) 1,1'-Biphenyl	13.62	154	519885	47.201	ng	98
47) 2-Chloronaphthalene	13.67	162	412756	47.885	ng	99
48) 2-Nitroaniline	13.88	65	178827	58.282	ng	97
49) Acenaphthylene	14.52	152	674451	46.118	ng	99
50) Dimethylphthalate	14.24	163	575600	48.495	ng	99
51) 2,6-Dinitrotoluene	14.36	165	128192	55.338	ng	98
52) Acenaphthene	14.85	154	406678	47.751	ng	95
53) 3-Nitroaniline	14.69	138	35134	14.802	ng	# 99
54) 2,4-Dinitrophenol	14.89	184	65605	52.826	ng	# 80
55) Dibenzofuran	15.19	168	678698	48.653	ng	100
56) 4-Nitrophenol	14.98	139	193885	94.204	ng	96
57) 2,4-Dinitrotoluene	15.14	165	188187	59.784	ng	# 98
58) Fluorene	15.83	166	547234	48.535	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	200179	57.167	ng	99
60) Diethylphthalate	15.59	149	621054	49.592	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	326410	49.776	ng	99
62) 4-Nitroaniline	15.86	138	132608	49.944	ng	98
63) Azobenzene	16.11	77	637068	49.396	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	62486	35.788	ng	96
66) n-Nitrosodiphenylamine	16.04	169	520235	46.943	ng	97
67) 4-Bromophenyl-phenylether	16.71	248	221668	47.235	ng	98
68) Hexachlorobenzene	16.82	284	234427	48.311	ng	98
69) Atrazine	16.98	200	233003	53.067	ng	96
70) Pentachlorophenol	17.17	266	224129	78.933	ng	97
71) Phenanthrene	17.58	178	997044	49.143	ng	98
72) Anthracene	17.67	178	1020400	50.035	ng	99
73) Carbazole	17.94	167	926087	49.843	ng	99
74) Di-n-butylphthalate	18.48	149	1110930	49.538	ng	99
75) Fluoranthene	19.57	202	1298837	51.372	ng	100
77) Benzidine	19.75	184	79956	7.723	ng	98
78) Pyrene	19.94	202	1288979	54.388	ng	97
80) Butylbenzylphthalate	20.81	149	524356	56.766	ng	99
81) Benzo(a)anthracene	21.80	228	1243300	52.024	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	134902	15.837	ng	98
83) Chrysene	21.87	228	1222953	53.808	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	710414	53.279	ng	97
85) Di-n-octyl phthalate	22.95	149	1213196	54.026	ng	99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1503732	54.722	ng	# 91
88) Benzo(b)fluoranthene	24.12	252	1273783	51.103	ng	98
89) Benzo(k)fluoranthene	24.19	252	1258331	54.057	ng	98
90) Benzo(a)pyrene	25.04	252	1249691	52.966	ng	97
91) Dibenzo(a,h)anthracene	29.16	278	1233063	51.643	ng	99
92) Benzo(g,h,i)perylene	30.31	276	1243405	52.326	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

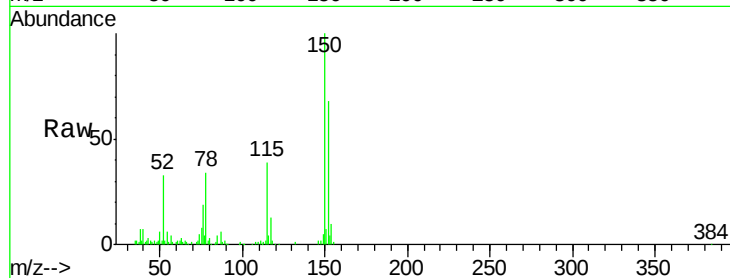
Tot Ion:152 Resp: 49213

Ion Ratio Lower Upper

152 100

150 147.8 120.2 180.2

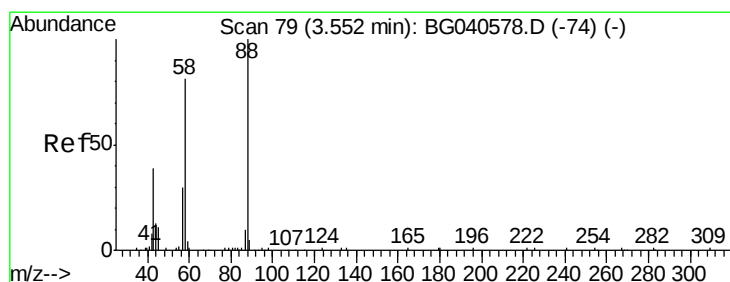
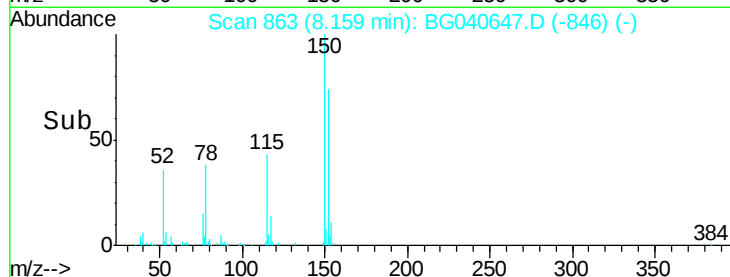
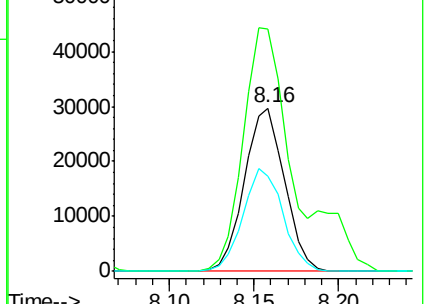
115 58.4 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.916 ng

RT: 3.56 min Scan# 81

Delta R.T. 0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

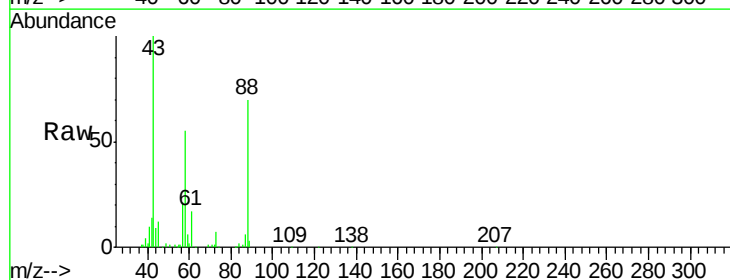
Tgt Ion: 88 Resp: 53220

Ion Ratio Lower Upper

88 100

58 86.5 71.2 106.8

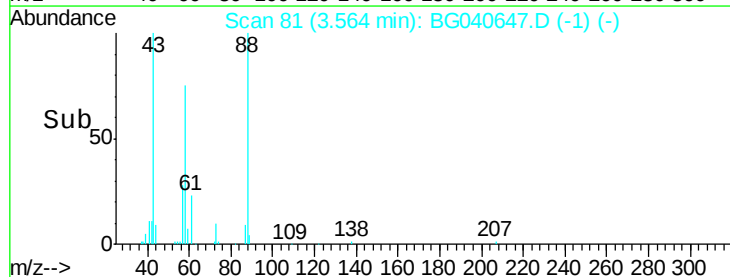
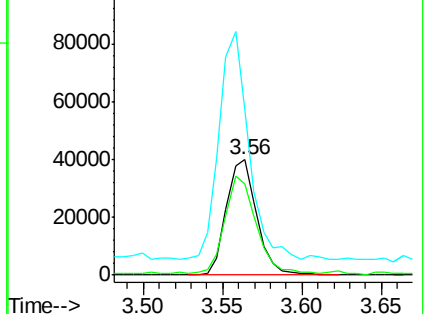
43 193.0 35.6 53.4#

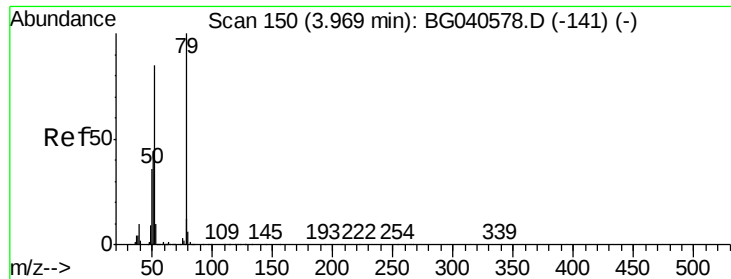


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.317 ng

RT: 3.98 min Scan# 151

Delta R.T. 0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

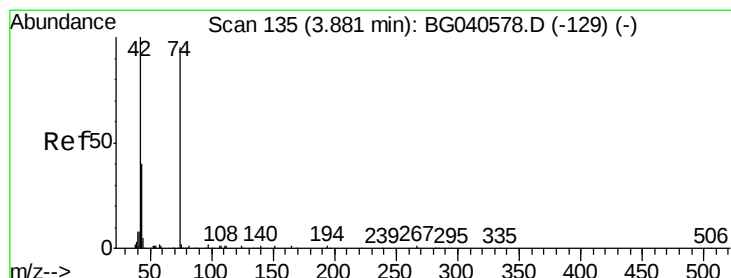
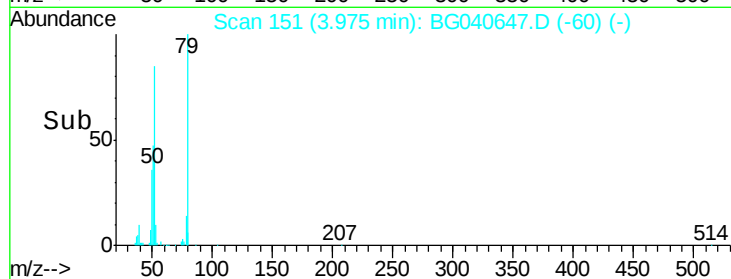
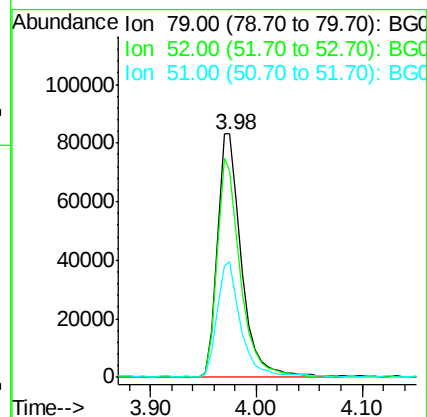
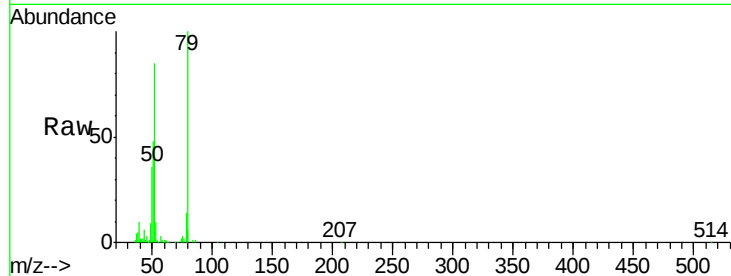
Tot Ion: 79 Resp: 133651

Ion Ratio Lower Upper

79 100

52 84.7 67.5 101.3

51 47.7 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 45.449 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

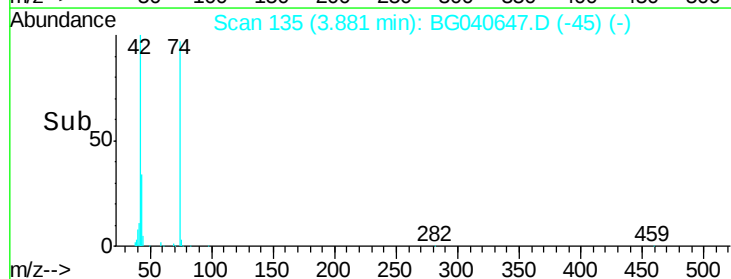
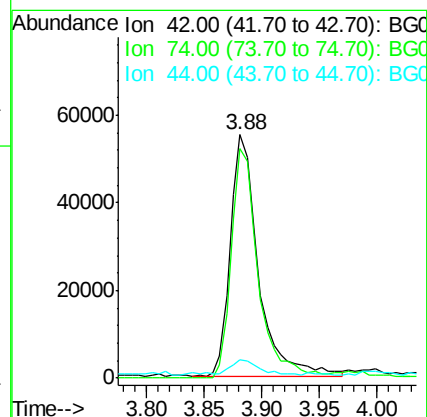
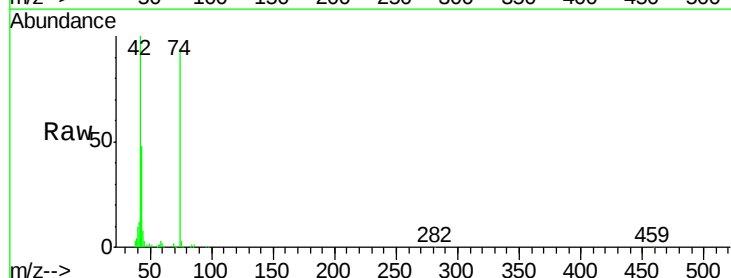
Tgt Ion: 42 Resp: 92773

Ion Ratio Lower Upper

42 100

74 94.1 74.6 111.8

44 7.8 7.4 11.0





#5

2-Fluorophenol

Concen: 139.084 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

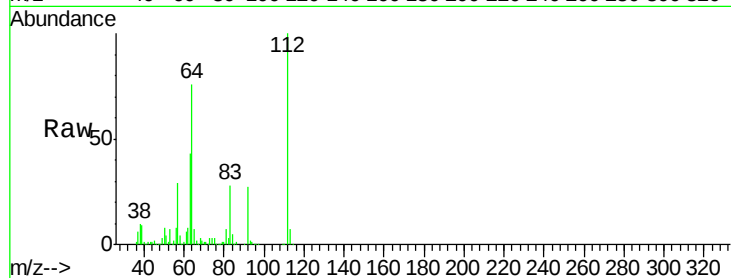
Tot Ion:112 Resp: 388295

Ion Ratio Lower Upper

112 100

64 76.4 61.4 92.0

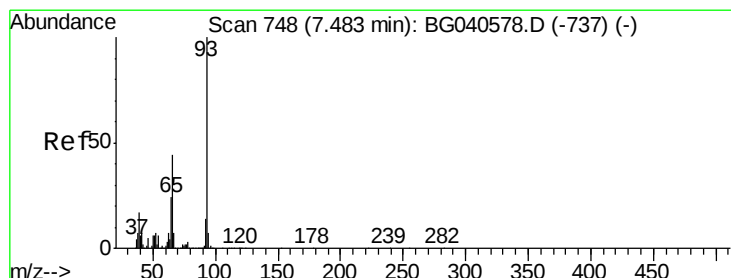
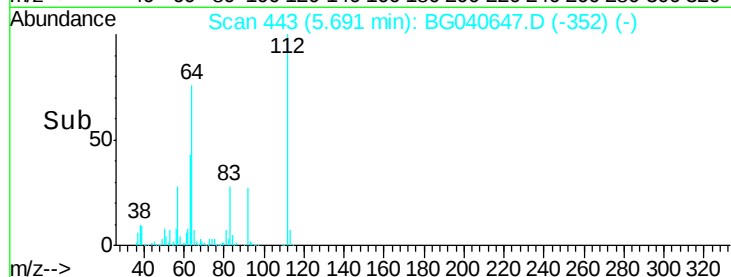
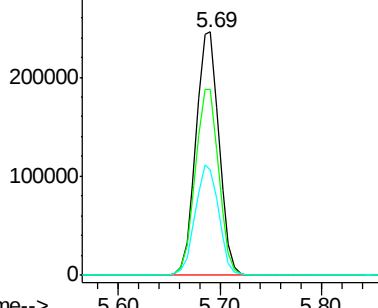
63 43.5 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 12.669 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

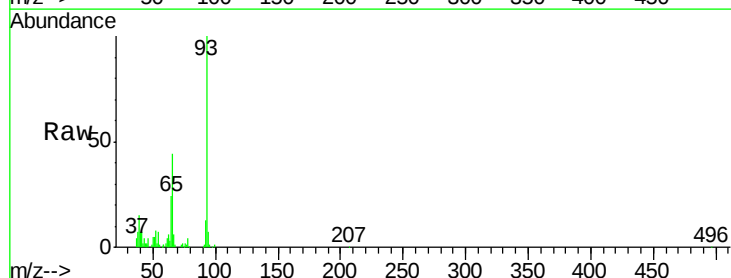
Tgt Ion: 93 Resp: 72181

Ion Ratio Lower Upper

93 100

66 44.1 35.5 53.3

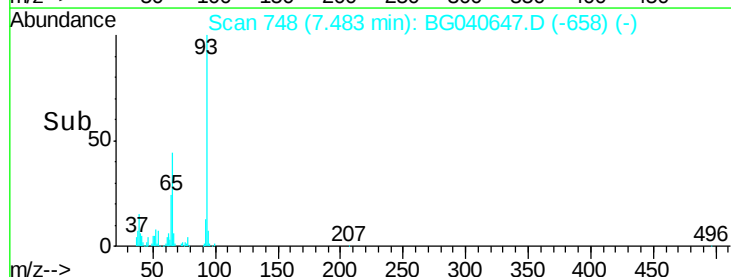
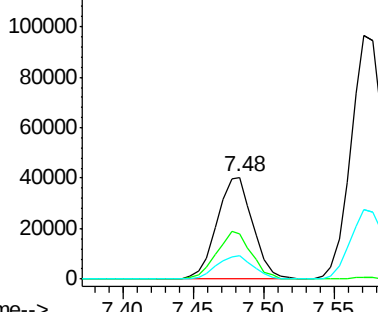
65 23.5 19.2 28.8



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: 124.639 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

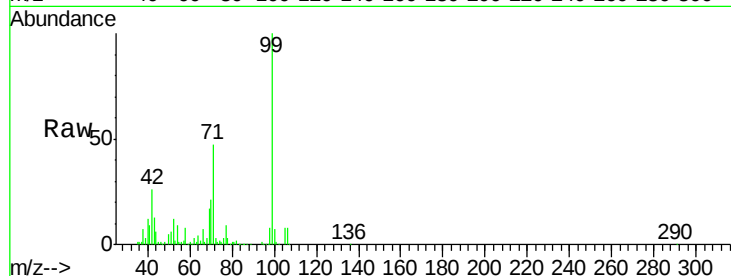
Tot Ion: 99 Resp: 535773

Ion Ratio Lower Upper

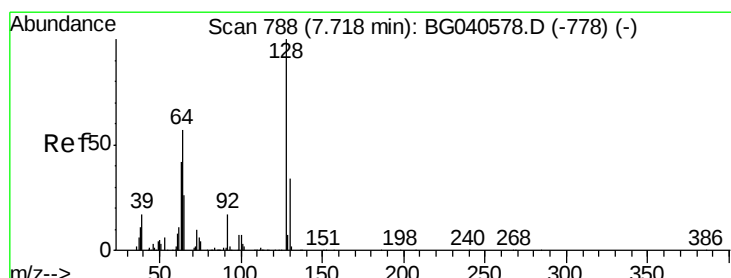
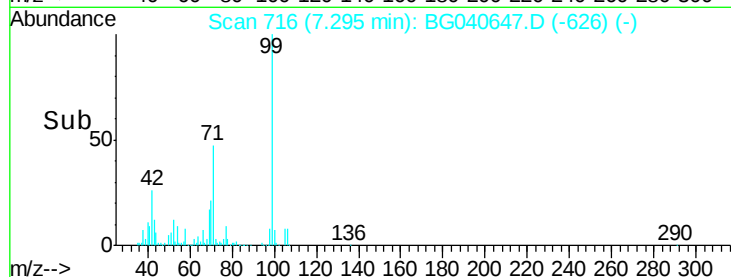
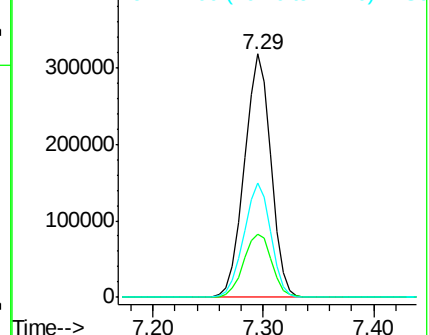
99 100

42 25.9 21.8 32.8

71 46.9 38.6 57.8



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: 46.815 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

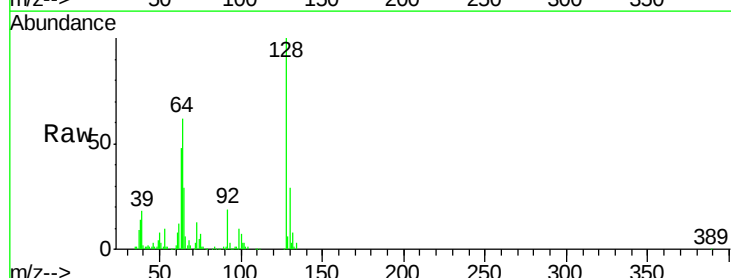
Tgt Ion: 128 Resp: 159587

Ion Ratio Lower Upper

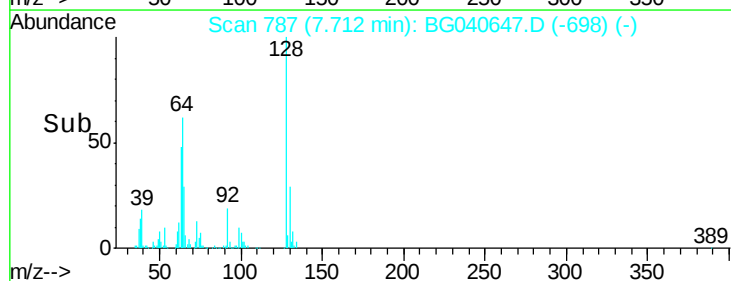
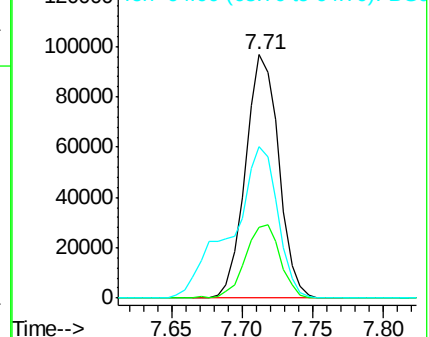
128 100

130 29.3 14.5 54.5

64 62.1 38.4 78.4



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: 15.147 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

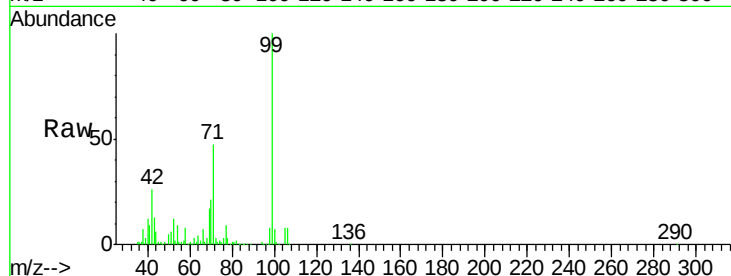
Tot Ion: 77 Resp: 50006

Ion Ratio Lower Upper

77 100

105 89.6 72.0 112.0

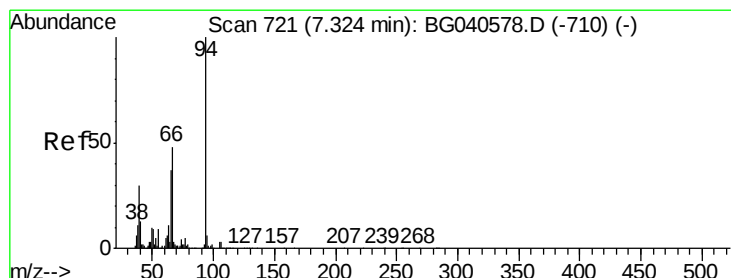
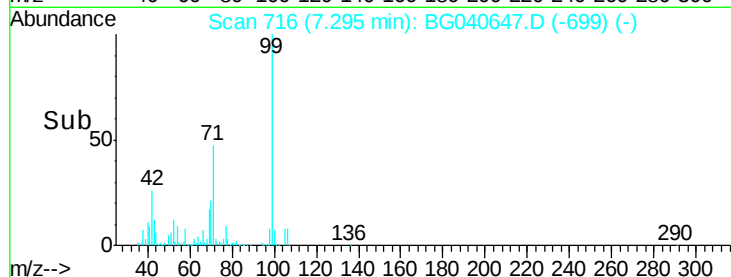
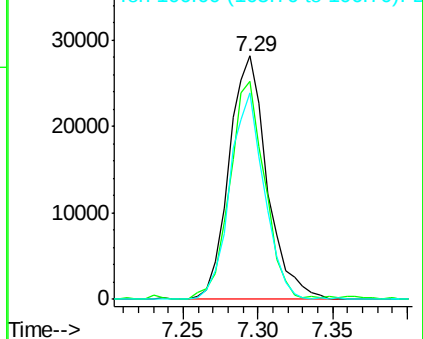
106 84.7 61.2 101.2



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: 41.800 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

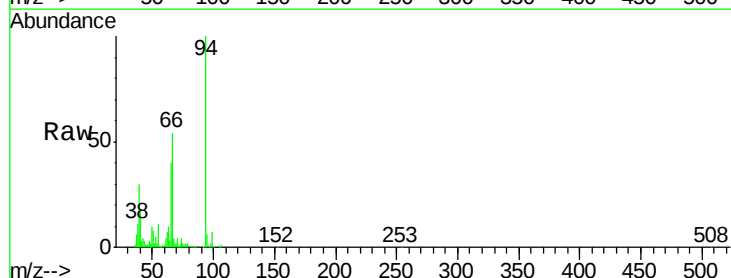
Tgt Ion: 94 Resp: 193148

Ion Ratio Lower Upper

94 100

65 40.0 17.0 57.0

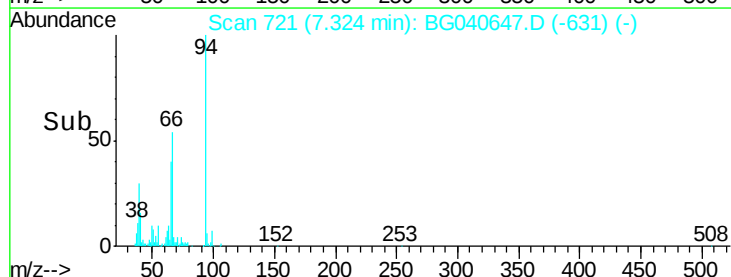
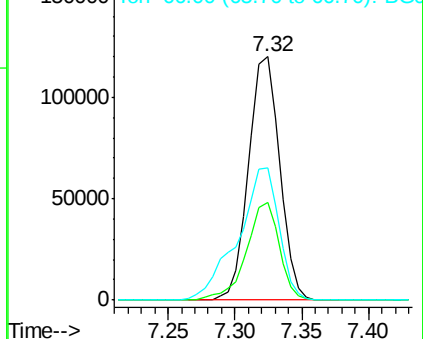
66 54.3 28.6 68.6

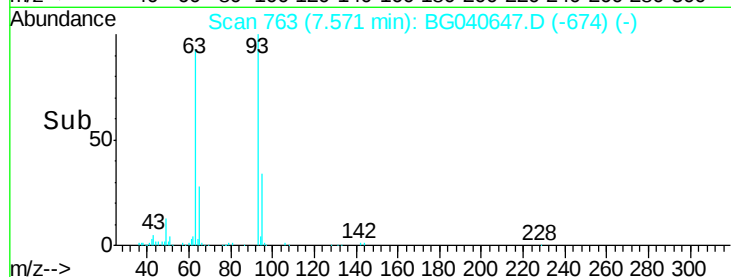
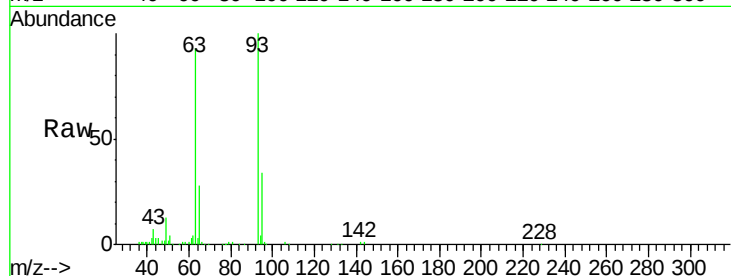


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

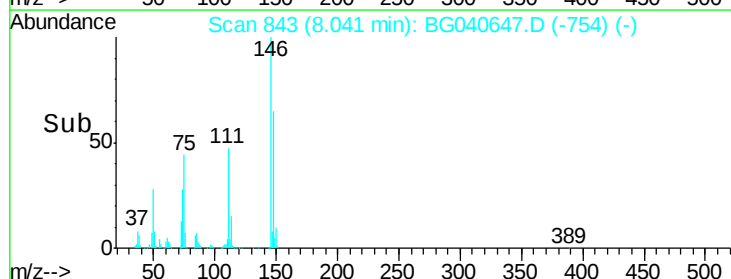
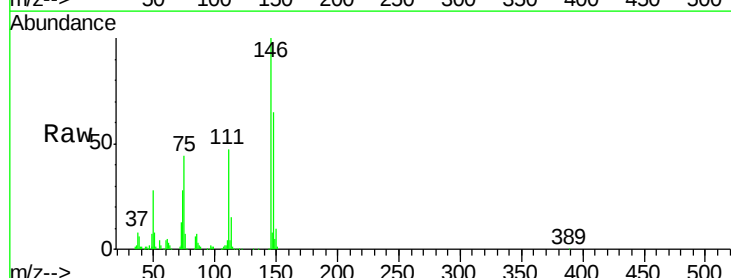
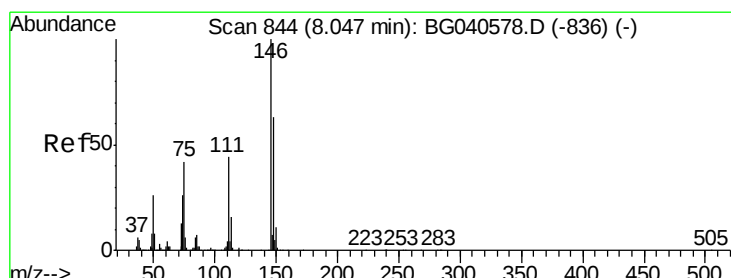
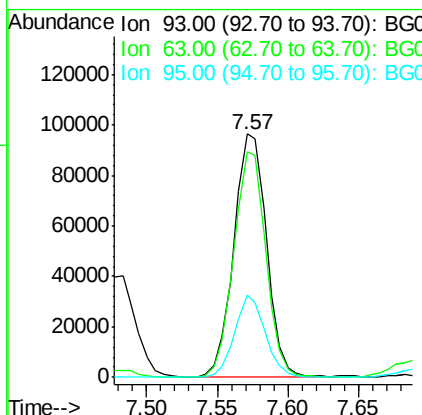




#11
bis(2-Chloroethyl)ether
Concen: 44.673 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

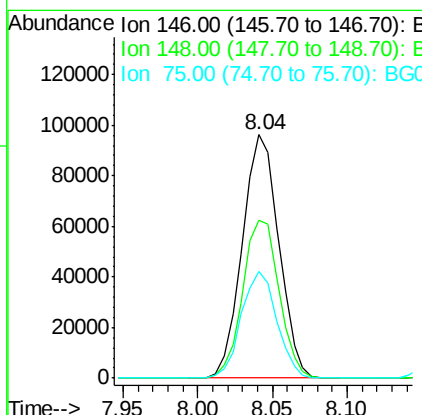
Instrument :
BNA_G
ClientSampleId :

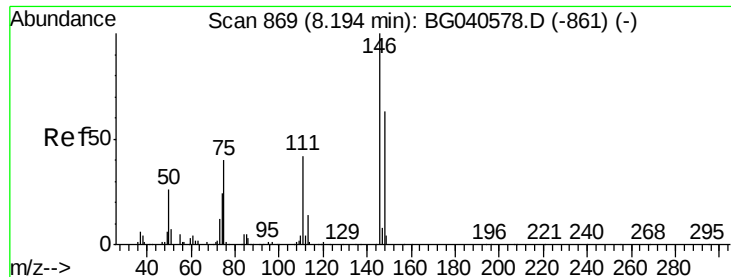
Tot Ion	93	Resp	154795
Ion	Ratio	Lower	Upper
93	100		
63	92.7	68.2	108.2
95	33.7	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 43.739 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	146	Resp	162743
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
75	43.8	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 43.782 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

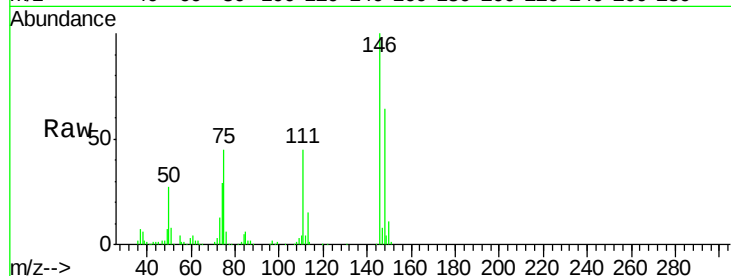
Tot Ion:146 Resp: 165141

Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

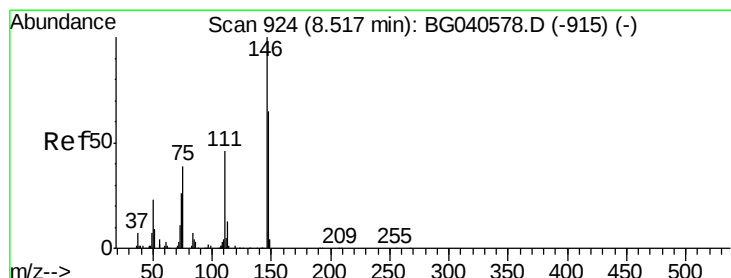
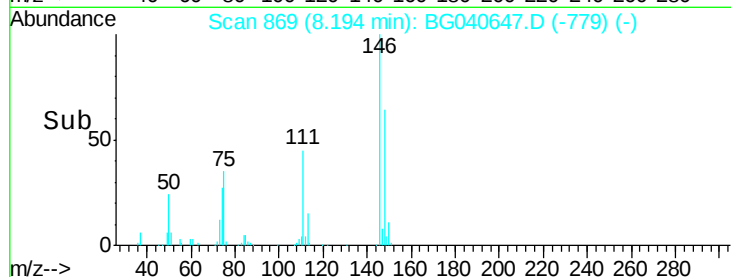
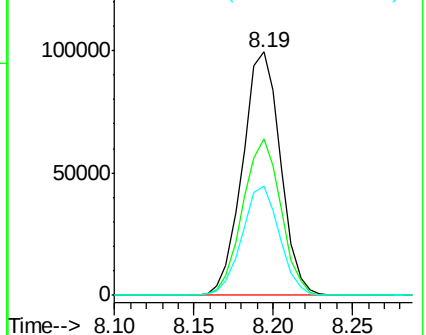
111 45.1 34.3 51.5



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: 43.588 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

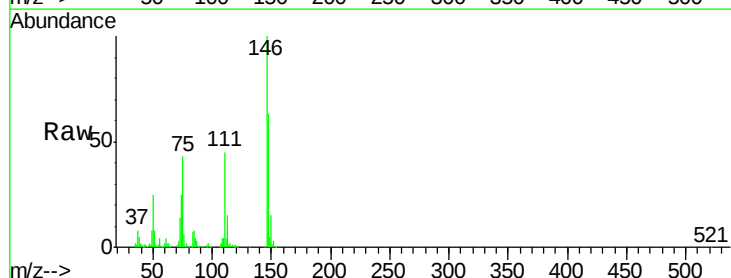
Tgt Ion:146 Resp: 158553

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.4

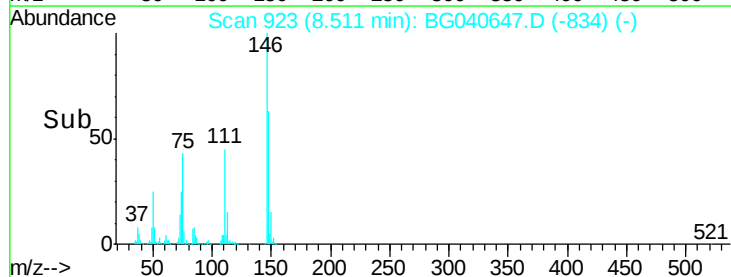
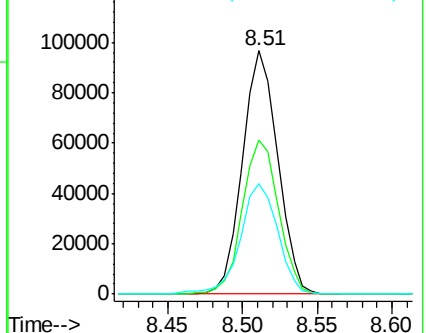
111 45.4 37.4 56.0



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: 45.344 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

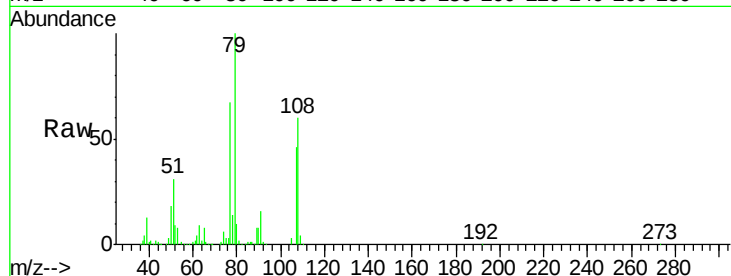
Tot Ion: 79 Resp: 202813

Ion Ratio Lower Upper

79 100

108 60.5 51.4 77.0

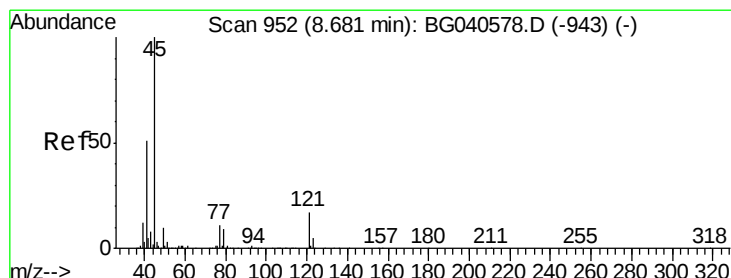
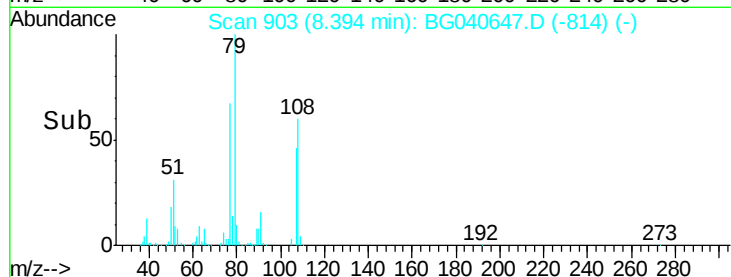
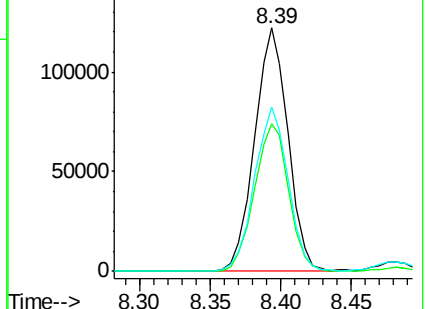
77 67.5 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.930 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

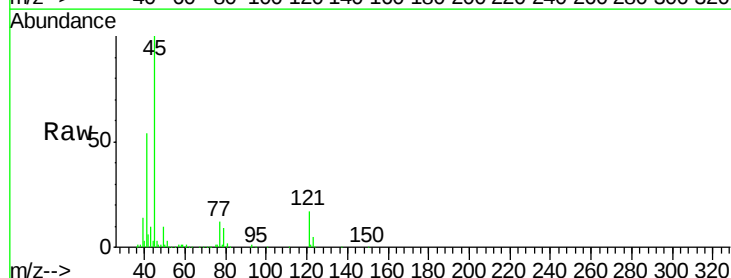
Tgt Ion: 45 Resp: 296159

Ion Ratio Lower Upper

45 100

77 12.2 0.0 31.5

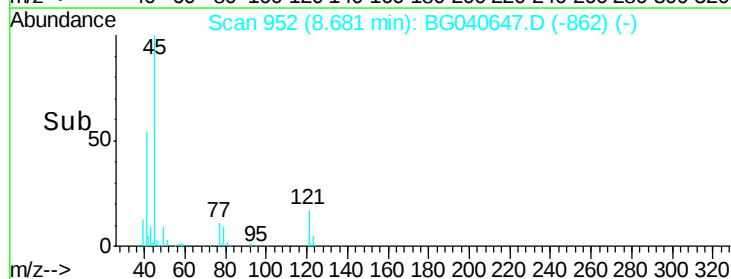
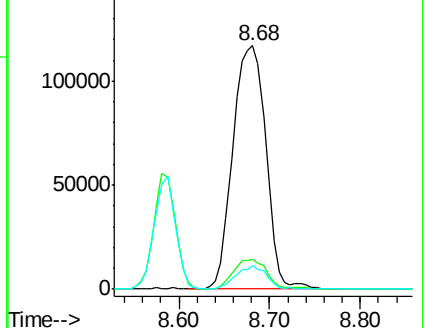
79 9.4 0.0 29.4

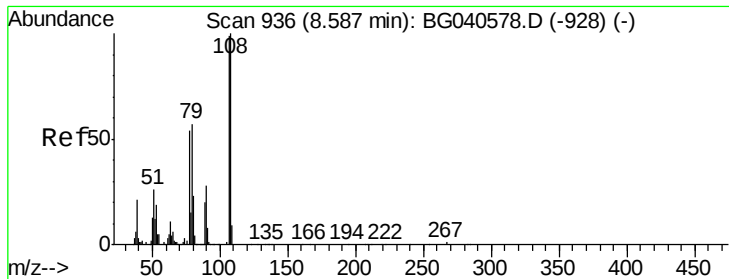


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.899 ng

RT: 8.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 150091

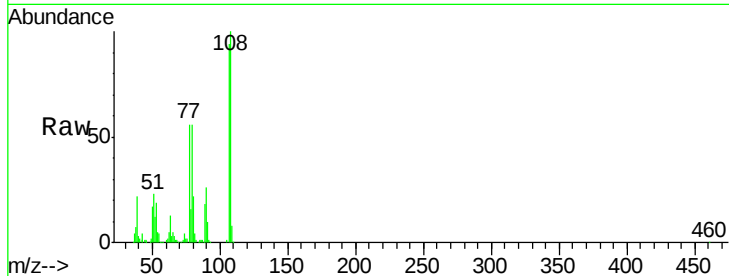
Ion Ratio Lower Upper

107 100

108 106.5 81.2 121.8

77 59.7 44.4 66.6

79 60.1 47.0 70.4

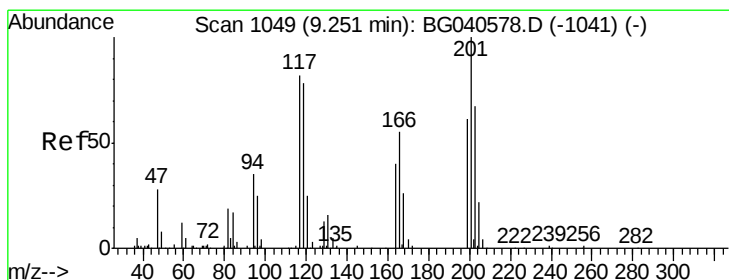
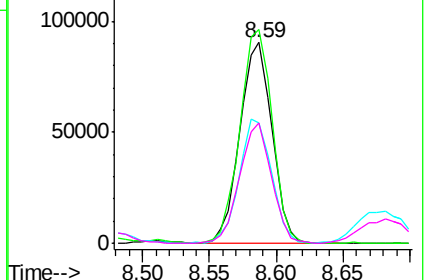
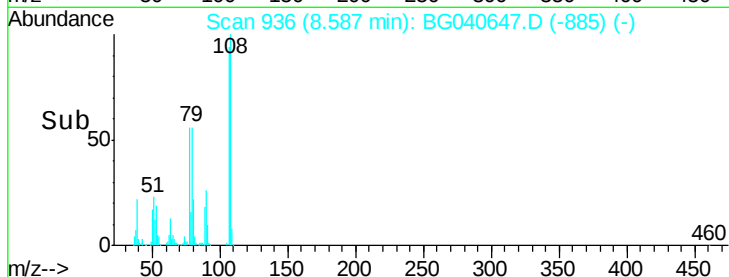


Abundance Ion 107.00 (106.70 to 107.70): E

150000 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: 42.856 ng

RT: 9.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

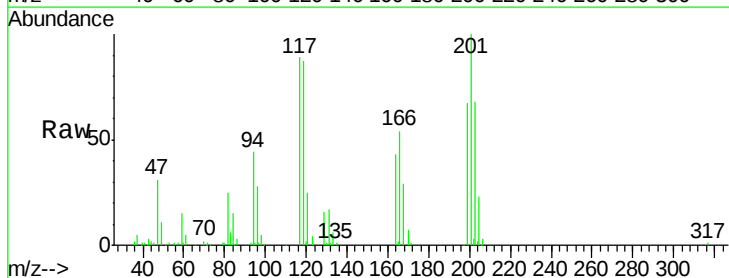
Tgt Ion:117 Resp: 66310

Ion Ratio Lower Upper

117 100

119 98.0 76.6 114.8

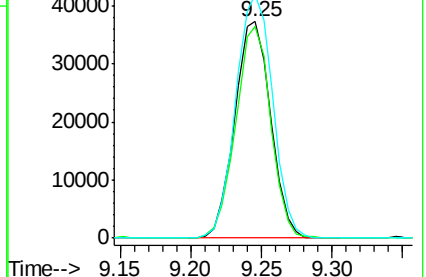
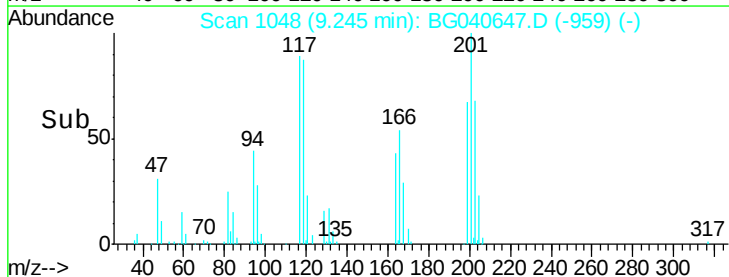
201 112.6 101.0 151.6

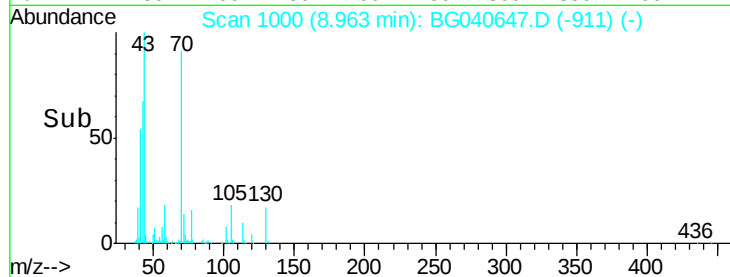
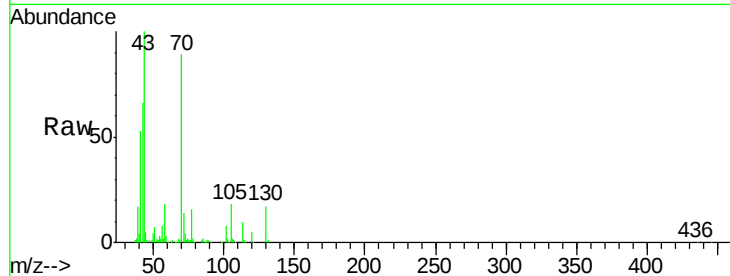
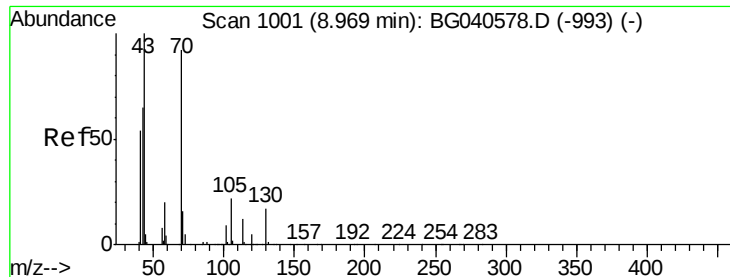


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

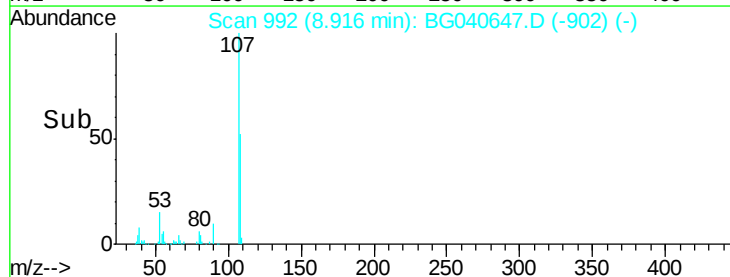
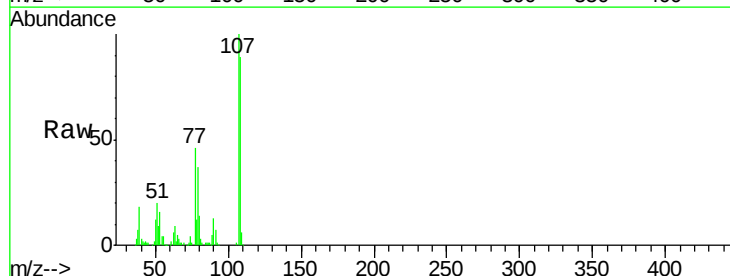
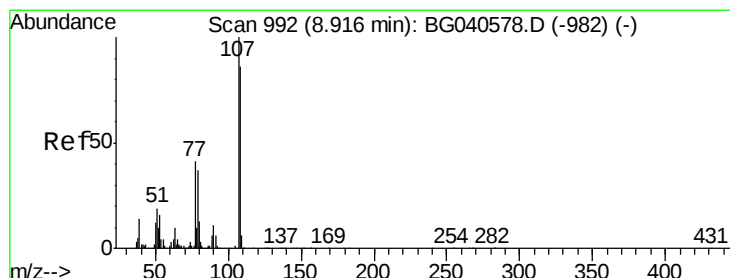
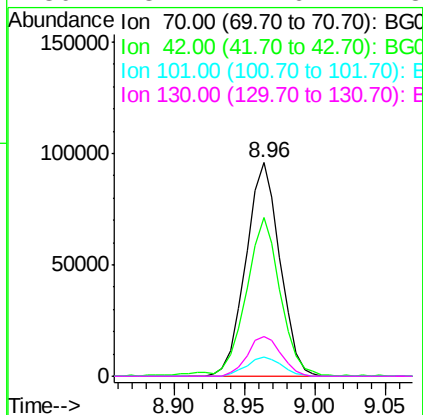




#19
n-Nitroso-di-n-propylamine
Concen: 41.815 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

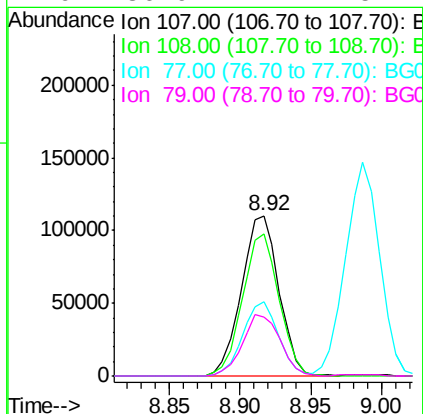
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	161805
Ion	Ratio	Lower	Upper
70	100		
42	74.1	57.1	85.7
101	8.9	7.8	11.8
130	18.7	14.6	21.8



#20
3+4-Methylphenols
Concen: 44.998 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion:	107	Resp:	204984
Ion	Ratio	Lower	Upper
107	100		
108	88.6	66.1	106.1
77	46.2	21.6	61.6
79	36.9	17.4	57.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 192684

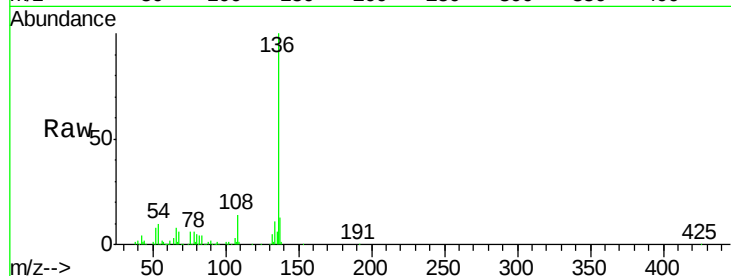
Ion Ratio Lower Upper

136 100

137 12.8 9.7 14.5

54 9.7 8.6 12.8

68 6.4 4.8 7.2

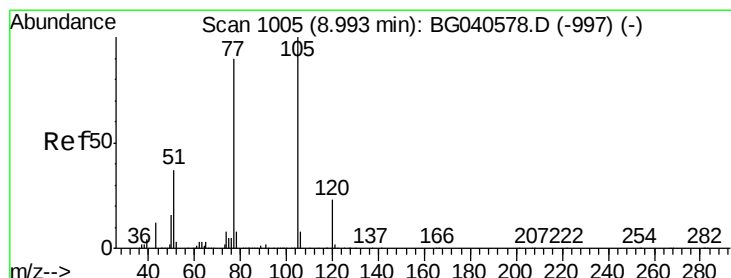
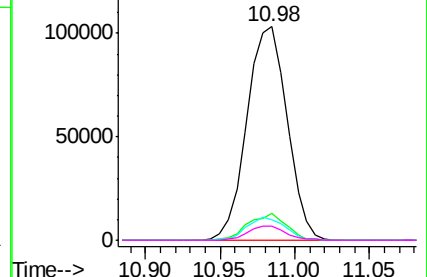
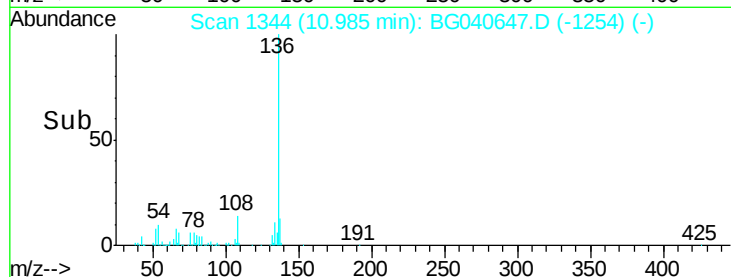


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.317 ng

RT: 8.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:105 Resp: 274960

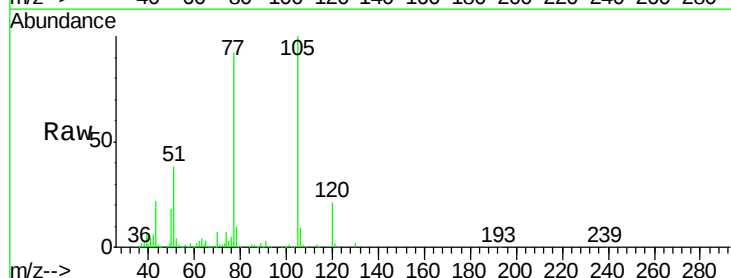
Ion Ratio Lower Upper

105 100

71 0.9 1.8 2.8#

51 37.9 29.8 44.8

120 20.7 18.4 27.6

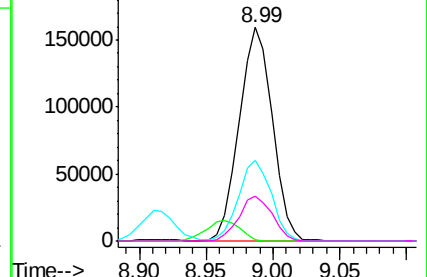
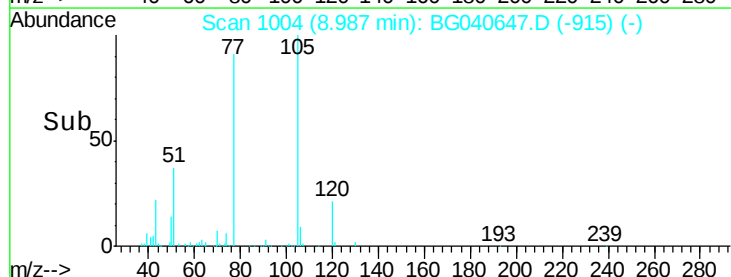


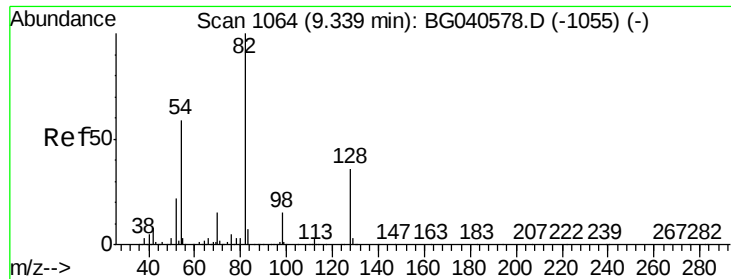
Abundance Ion 105.00 (104.70 to 105.70): E

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

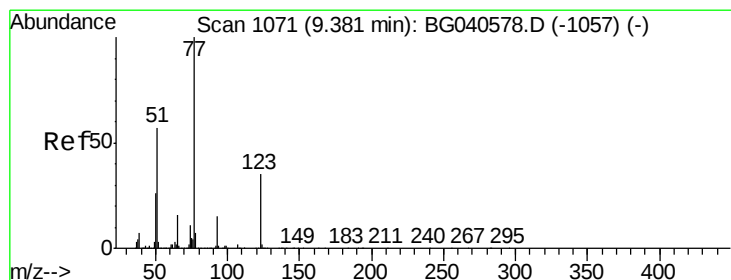
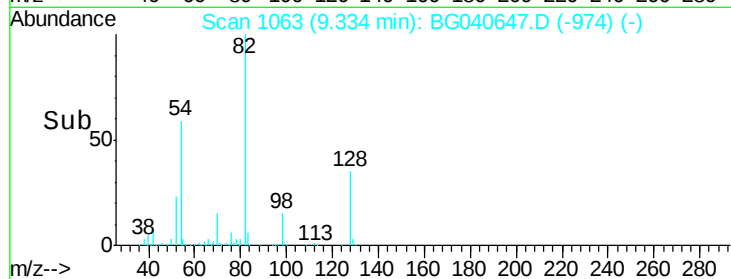
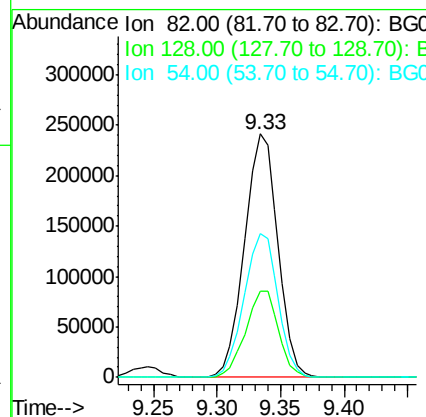
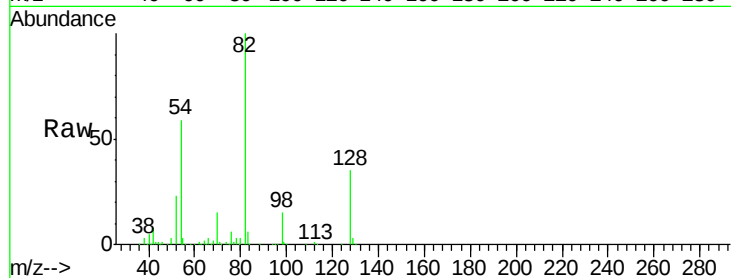




#23
 Nitrobenzene-d5
 Concen: 105.599 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

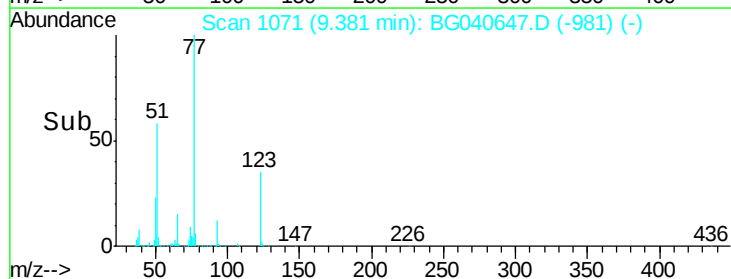
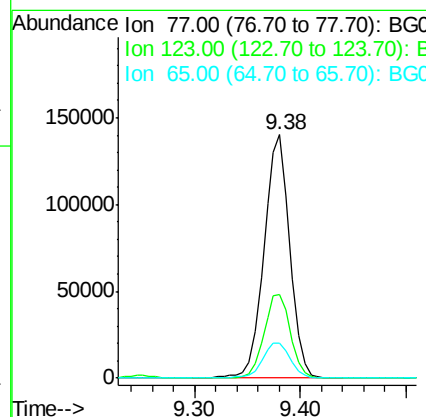
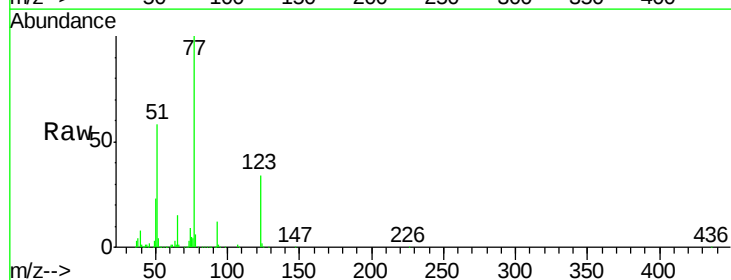
Instrument :
 BNA_G
 ClientSampleId :

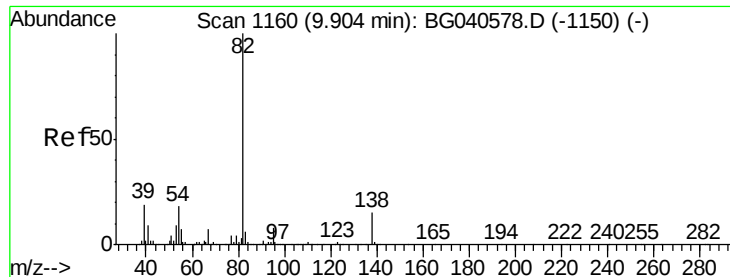
Tot Ion	82	Resp	440356
Ion Ratio	Lower	Upper	
82	100		
128	35.3	28.9	43.3
54	59.2	47.2	70.8



#24
 Nitrobenzene
 Concen: 53.266 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	77	Resp	236996
Ion Ratio	Lower	Upper	
77	100		
123	34.5	27.8	41.6
65	14.6	12.4	18.6





#25

Isophorone

Concen: 47.781 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

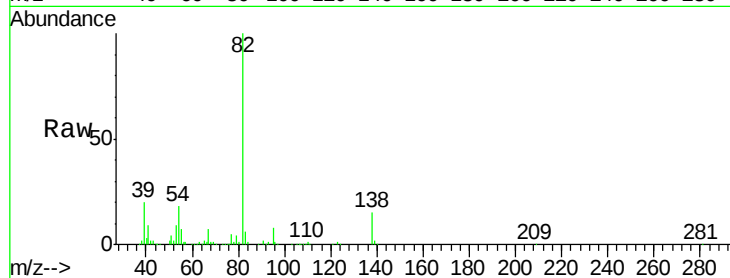
Tot Ion: 82 Resp: 443834

Ion Ratio Lower Upper

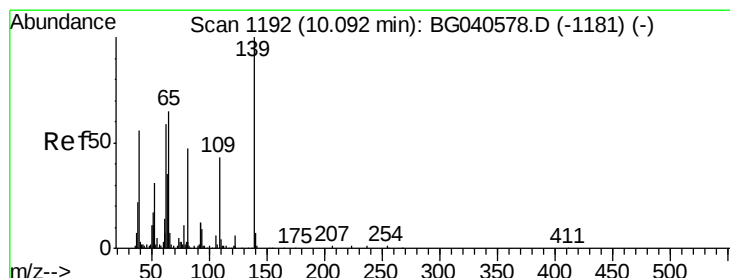
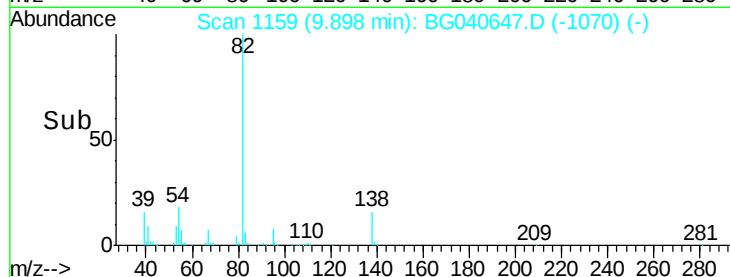
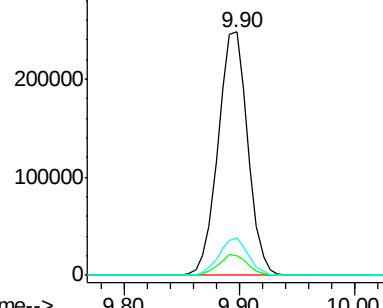
82 100

95 7.9 6.9 10.3

138 15.5 12.3 18.5



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: 55.665 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

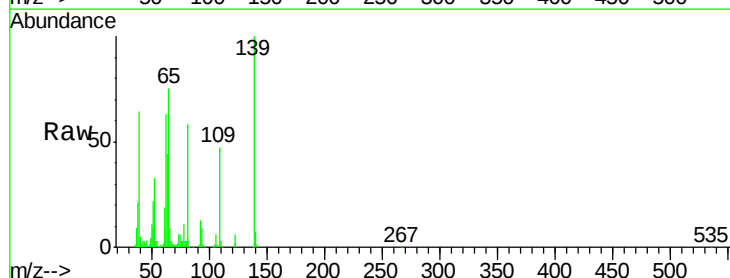
Tgt Ion: 139 Resp: 88779

Ion Ratio Lower Upper

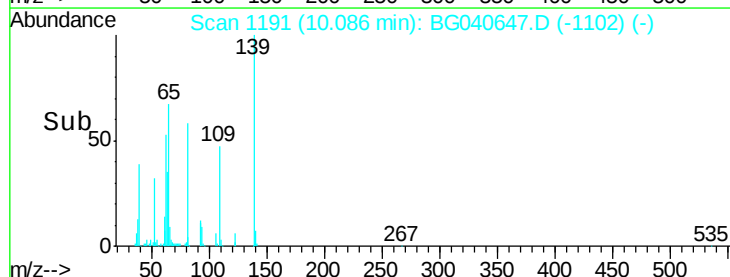
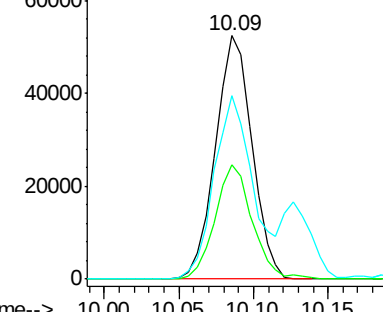
139 100

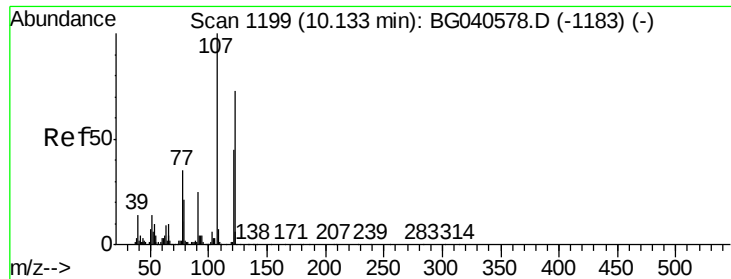
109 46.7 35.6 53.4

65 75.1 52.3 78.5



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





#27

2,4-Dimethylphenol

Concen: 59.062 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

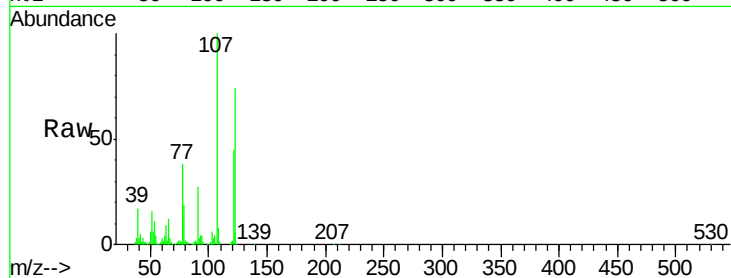
Tot Ion:122 Resp: 176737

Ion Ratio Lower Upper

122 100

107 135.0 110.1 165.1

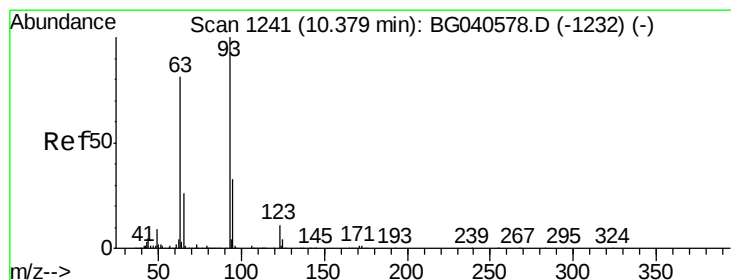
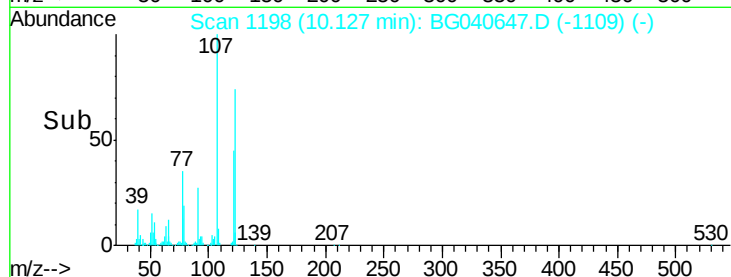
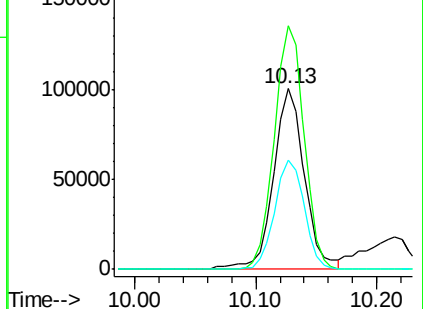
121 60.2 49.4 74.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.345 ng

RT: 10.38 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

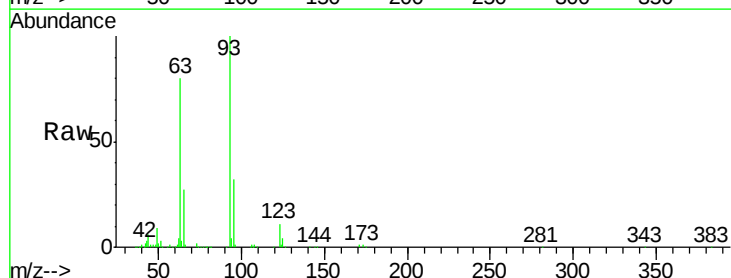
Tgt Ion: 93 Resp: 225309

Ion Ratio Lower Upper

93 100

95 32.0 26.6 40.0

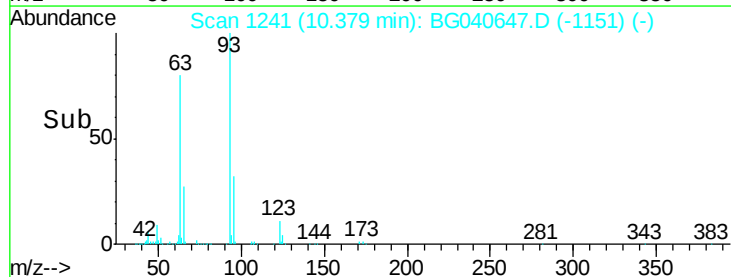
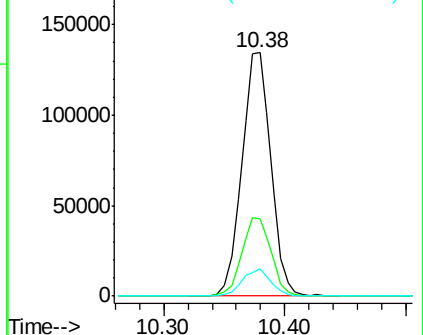
123 11.0 9.0 13.4

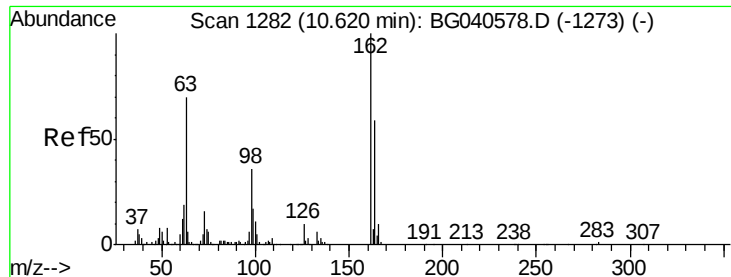


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 54.117 ng

RT: 10.61 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG040647.D

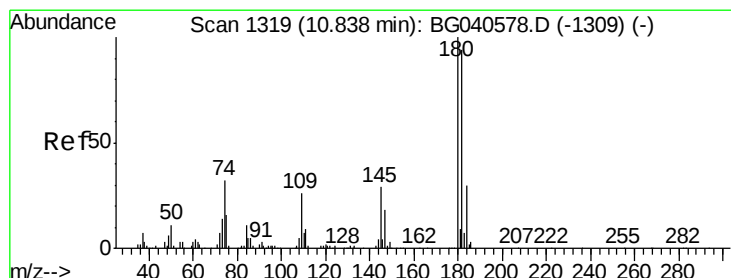
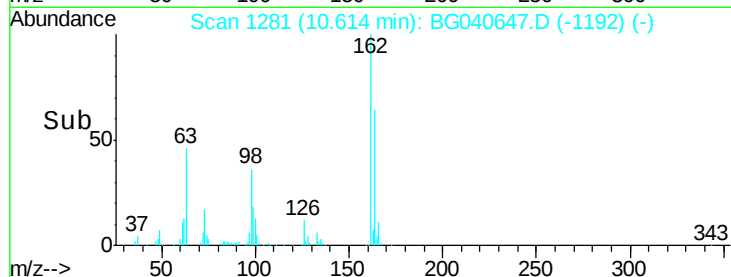
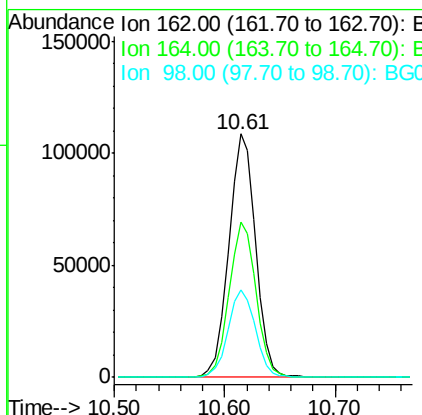
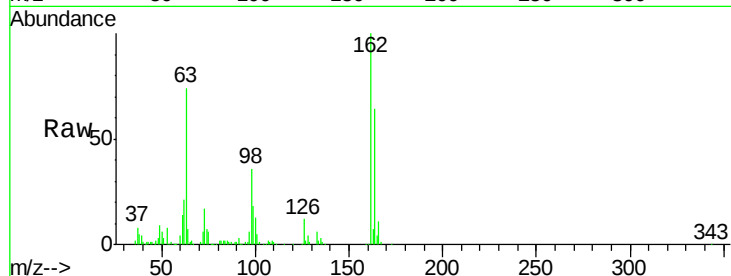
Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampled :

Tot Ion:162	Resp:	184105
Ion Ratio	Lower	Upper
162	100	
164	63.9	38.9 78.9
98	36.0	16.8 56.8



#30

1,2,4-Trichlorobenzene

Concen: 49.597 ng

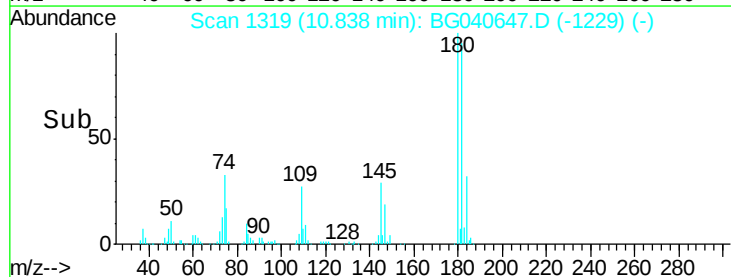
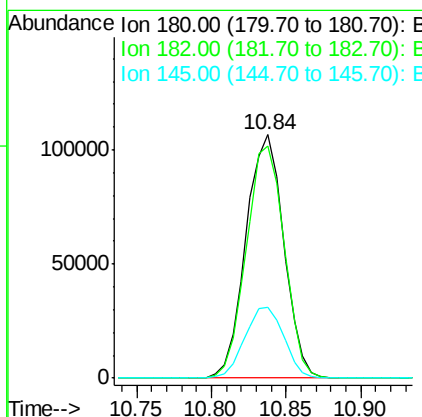
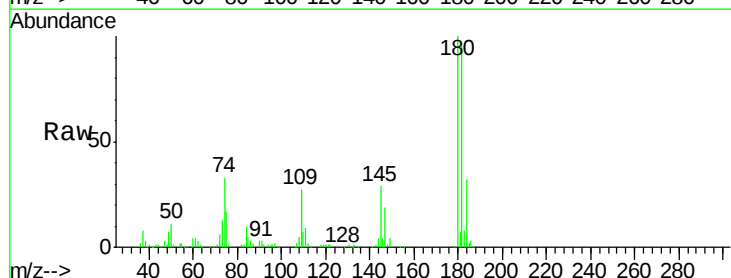
RT: 10.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:180	Resp:	187110
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.2 112.8
145	28.9	23.6 35.4

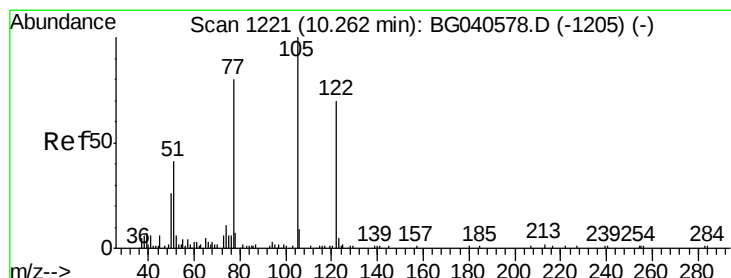
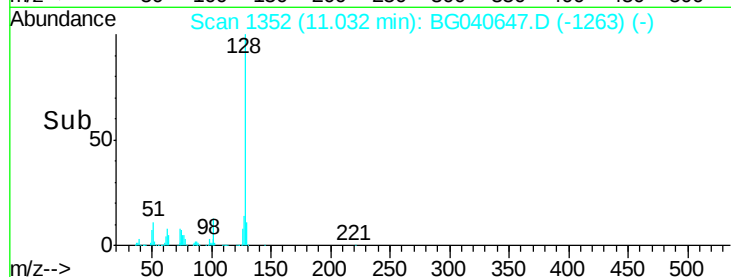
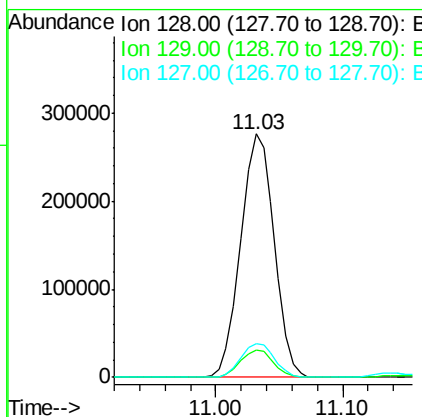
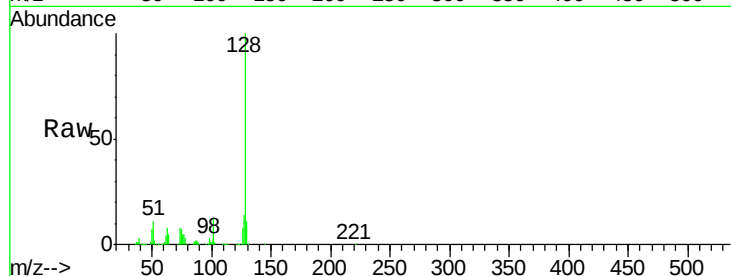




#31
Naphthalene
Concen: 49.369 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

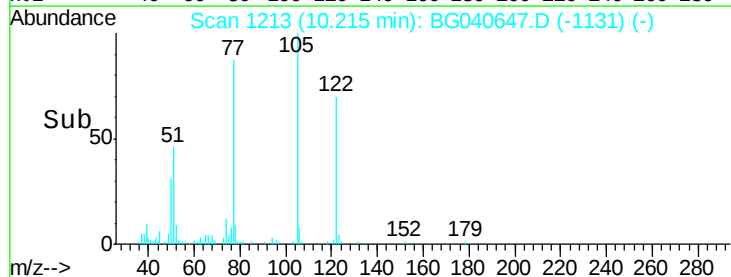
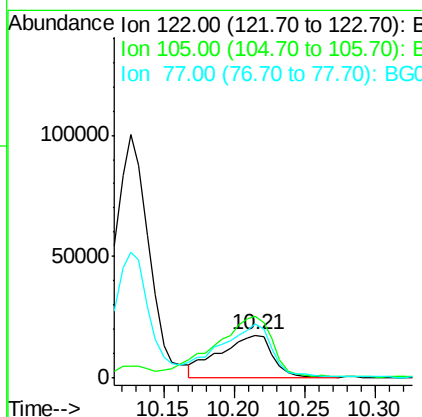
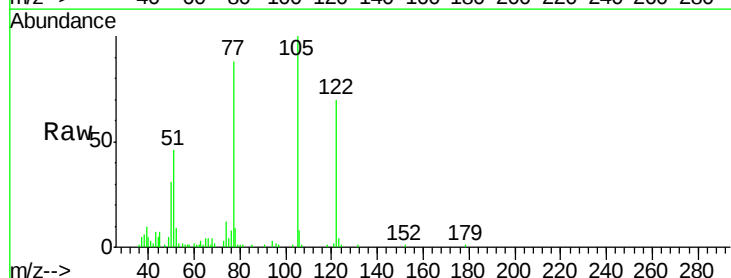
Instrument :
BNA_G
ClientSampleId :

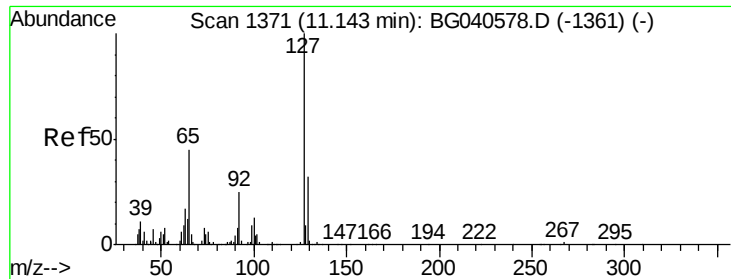
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.1	11.3	16.9



#32
Benzoic acid
Concen: 22.142 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.3	110.9	150.9
77	125.4	87.6	127.6

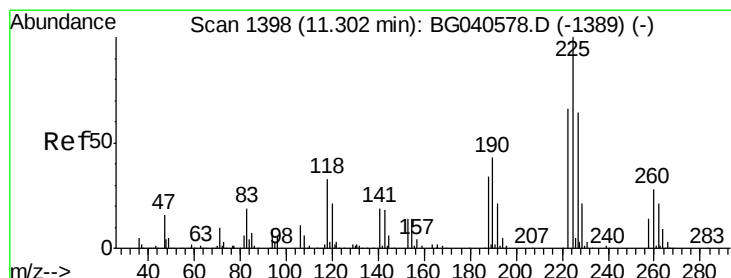
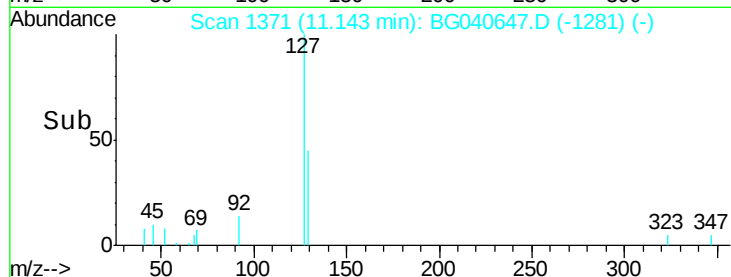
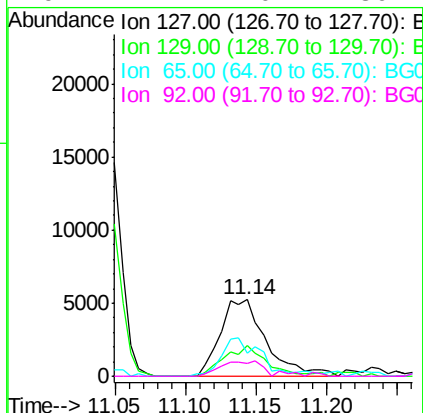
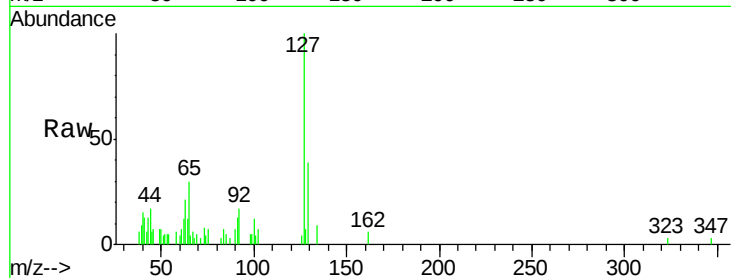




#33
4-Chloroaniline
Concen: 2.606 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

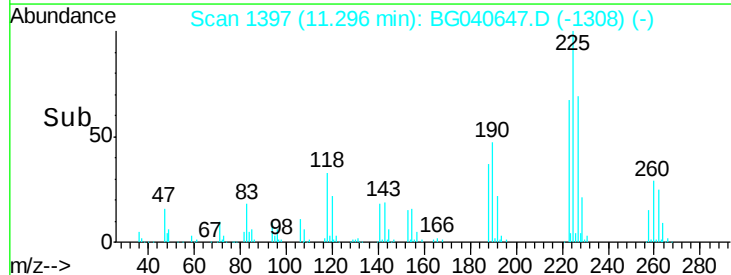
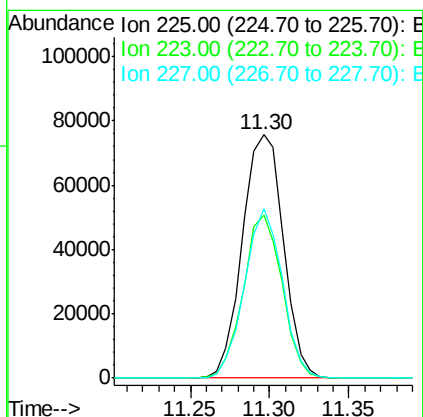
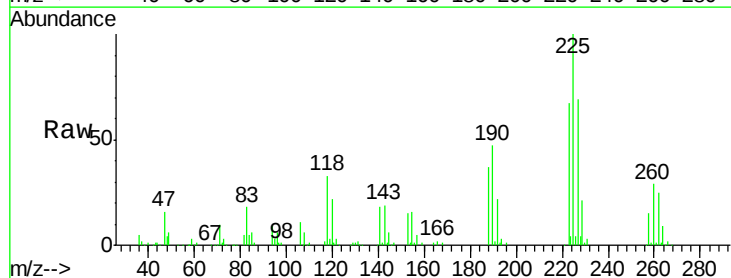
Instrument :
BNA_G
ClientSampleId :

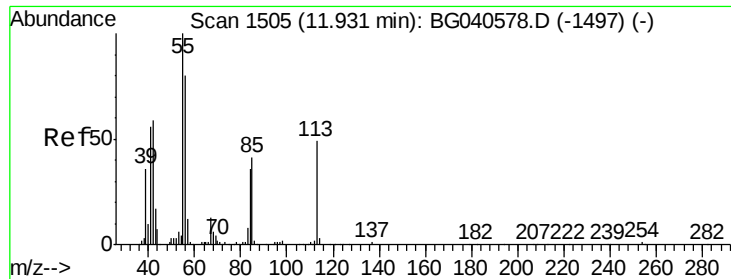
Tot Ion:	127	Resp:	11826
Ion	Ratio	Lower	Upper
127	100		
129	39.4	25.7	38.5#
65	30.3	36.1	54.1#
92	17.1	20.1	30.1#



#34
Hexachlorobutadiene
Concen: 48.918 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion:	225	Resp:	136246
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	66.9	51.0	76.6

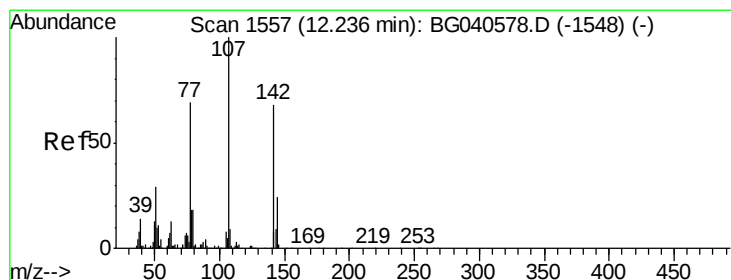
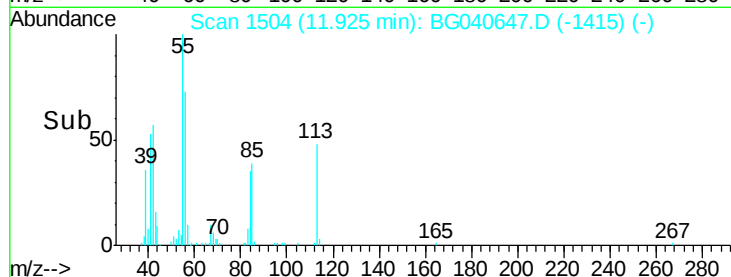
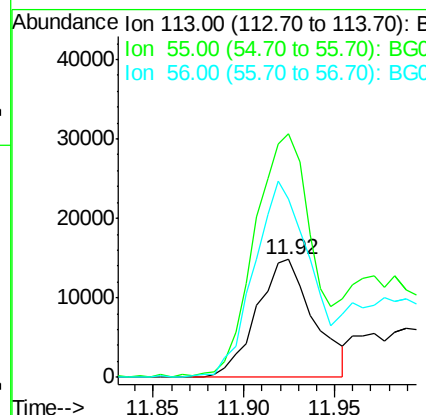
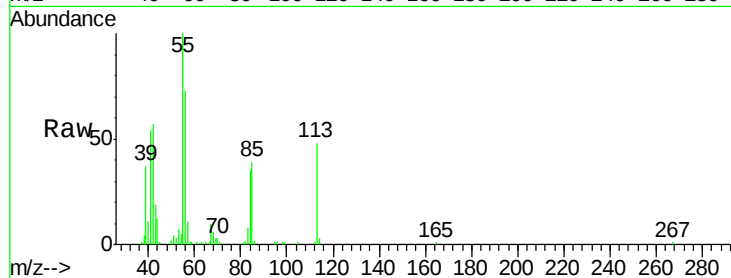




#35
 Caprolactam
 Concen: 24.114 ng
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

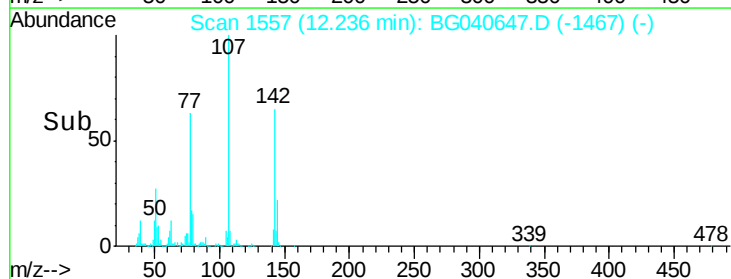
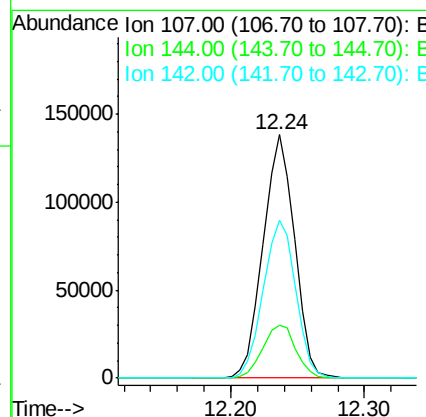
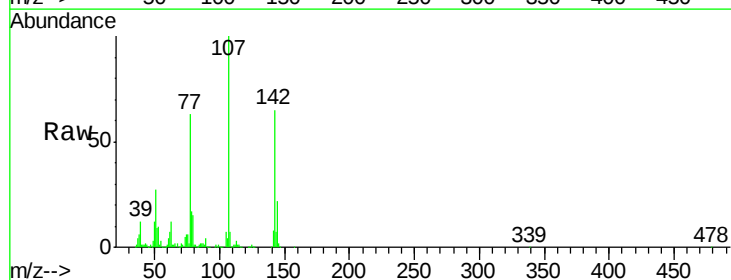
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 32388
 Ion Ratio Lower Upper
 113 100
 55 206.3 198.6 238.6
 56 150.8 148.4 188.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.525 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion:107 Resp: 225419
 Ion Ratio Lower Upper
 107 100
 144 21.8 19.3 28.9
 142 65.1 54.6 81.8

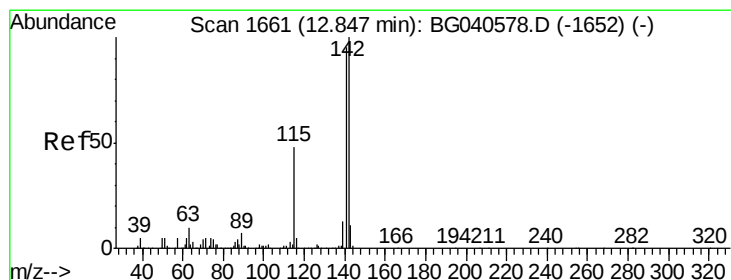
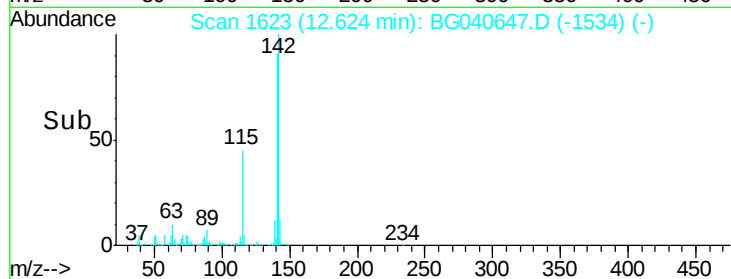
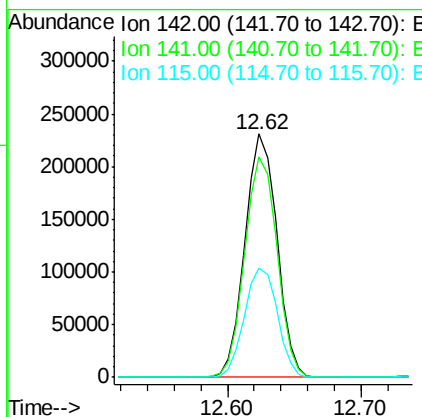
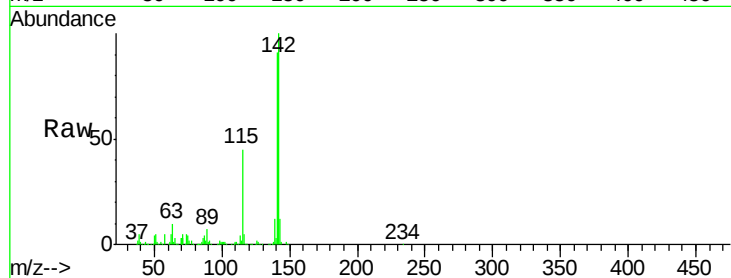




#37
2-Methylnaphthalene
Concen: 49.848 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

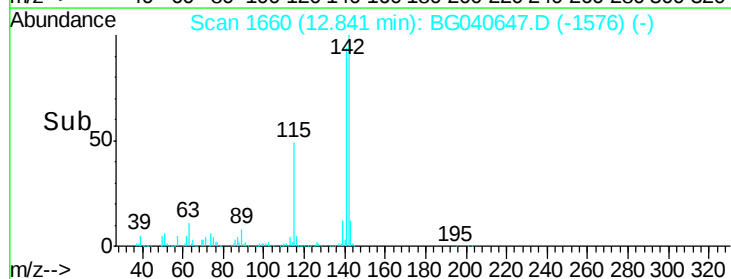
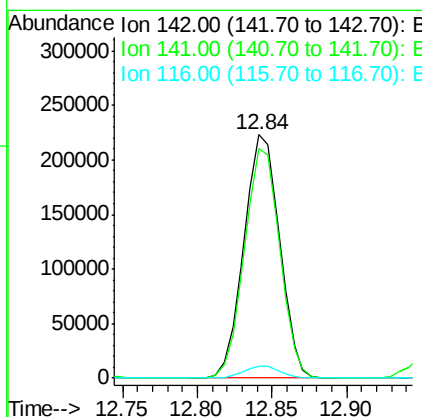
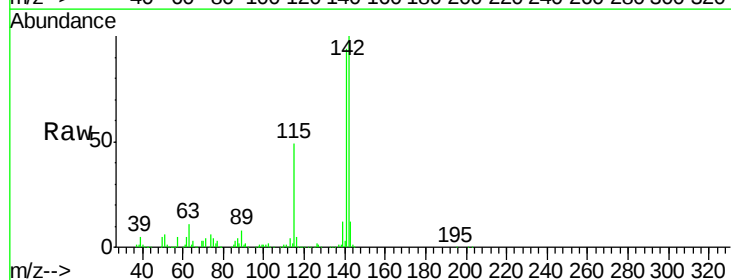
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
115	45.0	36.2	54.4



#38
1-Methylnaphthalene
Concen: 49.323 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.9	113.9
116	5.1	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

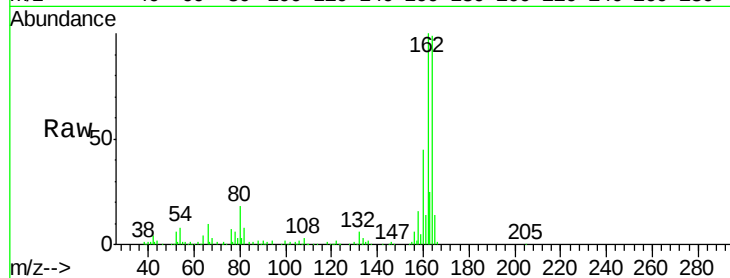
Tot Ion:164 Resp: 141863

Ion Ratio Lower Upper

164 100

162 101.0 81.9 122.9

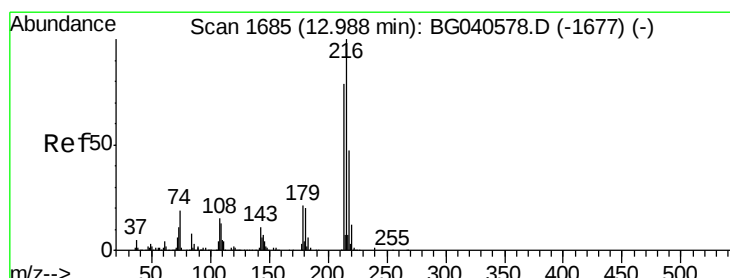
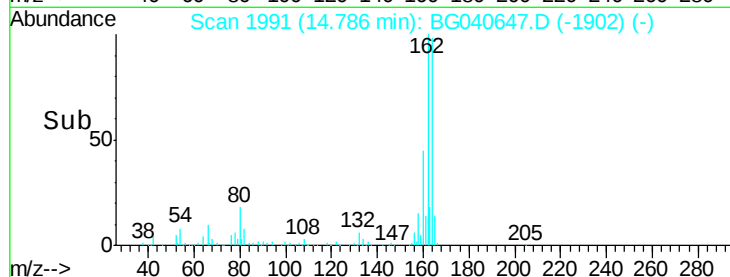
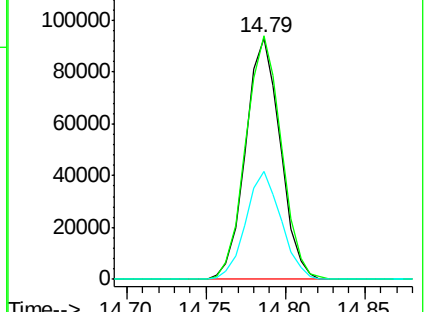
160 45.0 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.958 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:216 Resp: 253444

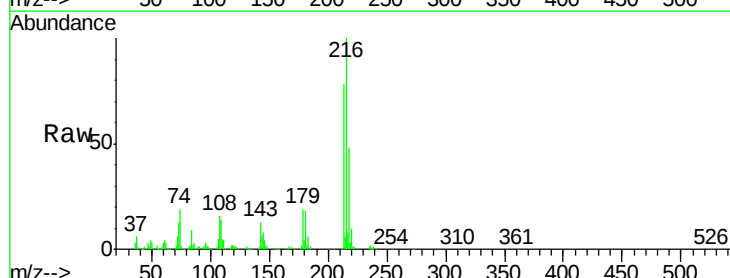
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 20.3 16.6 24.8

108 19.6 14.7 22.1

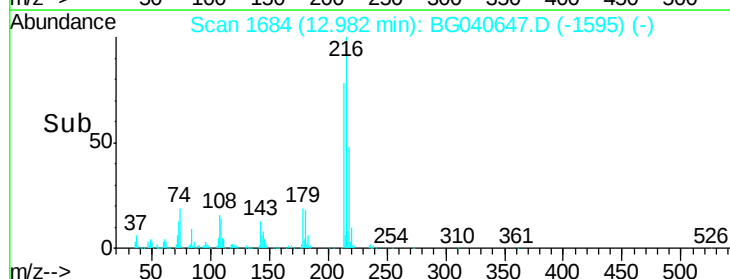
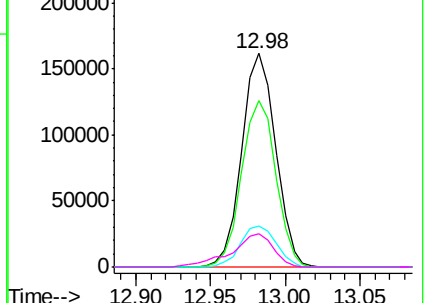


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.671 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampled :

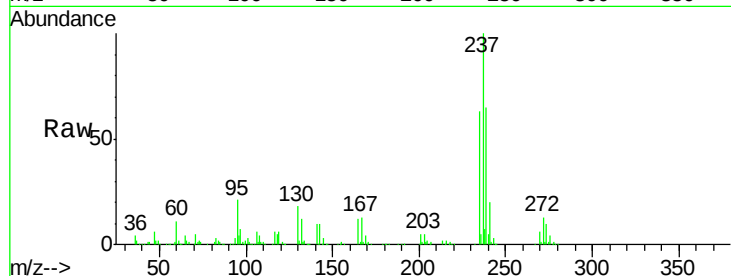
Tot Ion:237 Resp: 276514

Ion Ratio Lower Upper

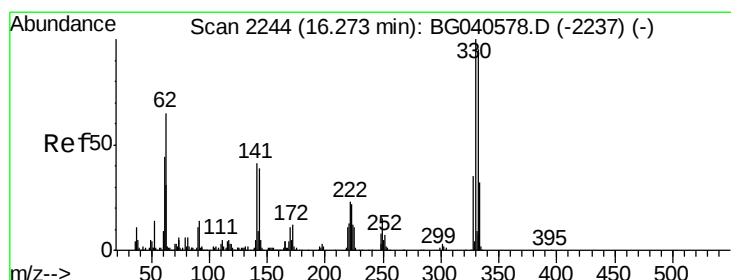
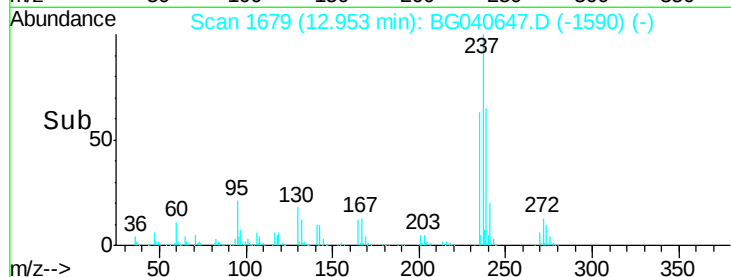
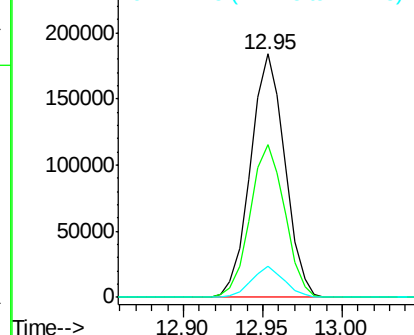
237 100

235 62.6 42.5 82.5

272 12.6 0.0 31.6



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: 164.374 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

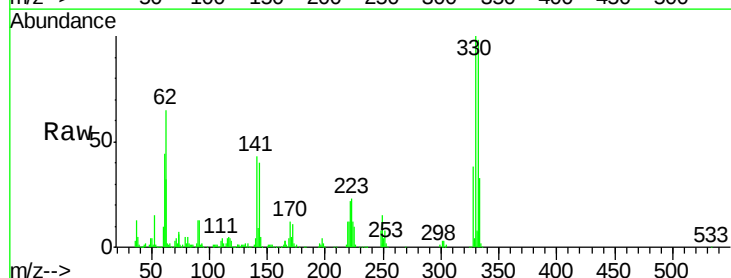
Tgt Ion:330 Resp: 320519

Ion Ratio Lower Upper

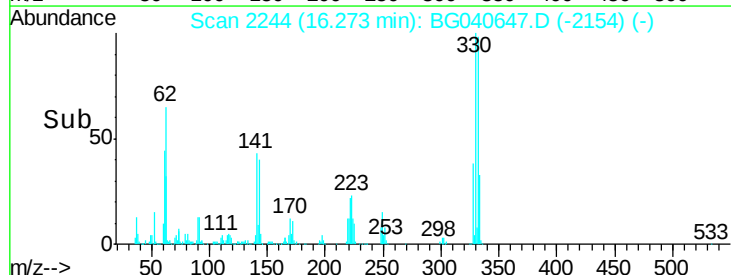
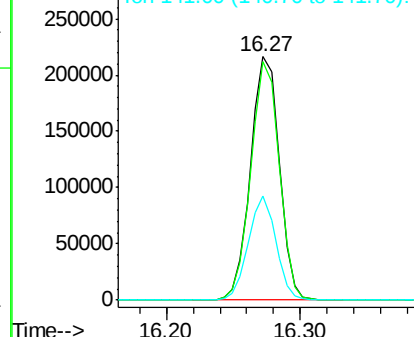
330 100

332 96.7 75.9 113.9

141 41.3 32.4 48.6



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

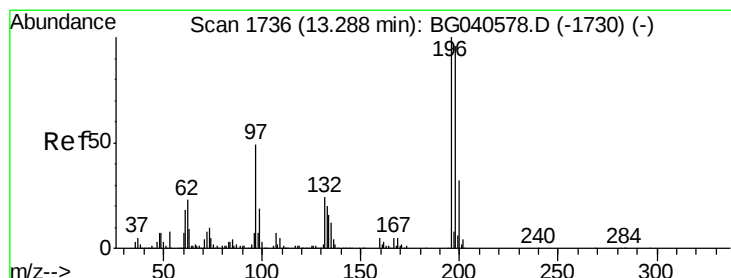
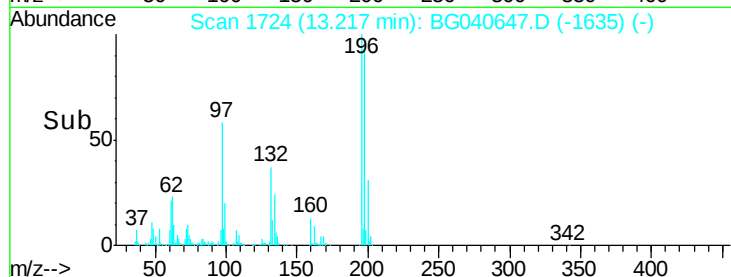
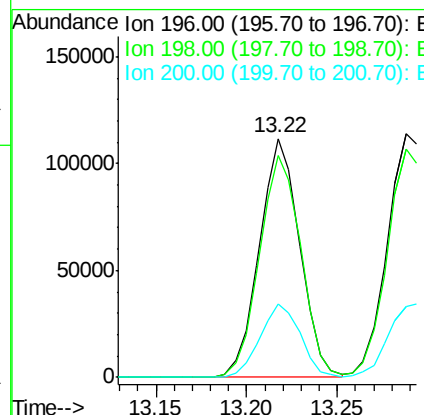
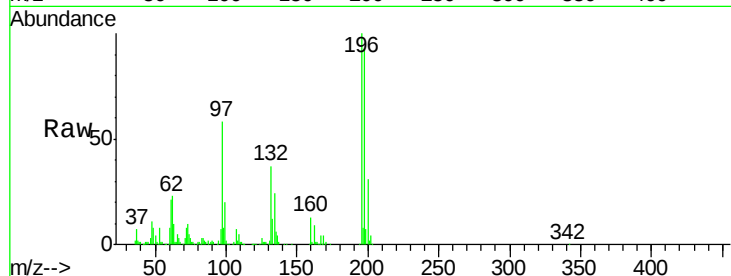




#43
 2,4,6-Trichlorophenol
 Concen: 53.954 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

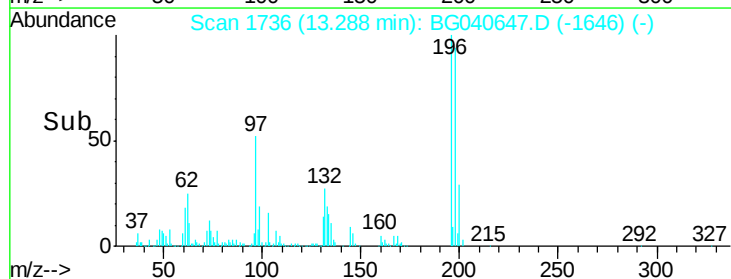
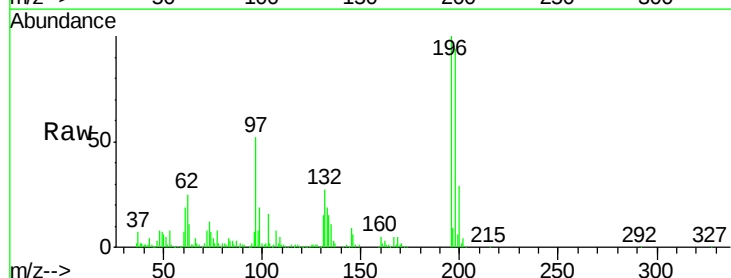
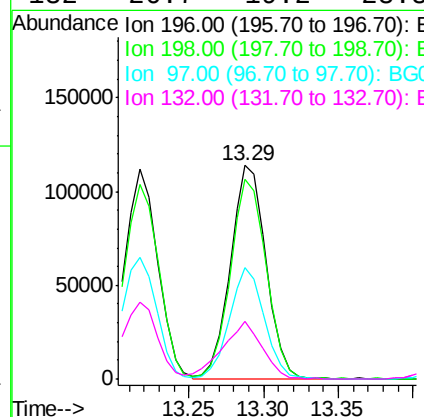
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	172309
Ion Ratio	Lower	Upper	
196	100		
198	92.6	74.8	112.2
200	30.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 54.302 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	196	Resp	188914
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.0	115.6
97	52.3	40.0	60.0
132	26.7	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 90.727 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

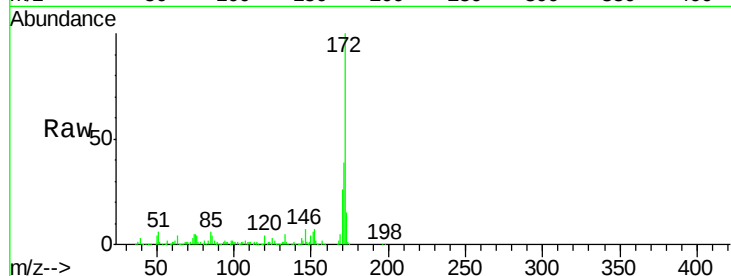
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 891210

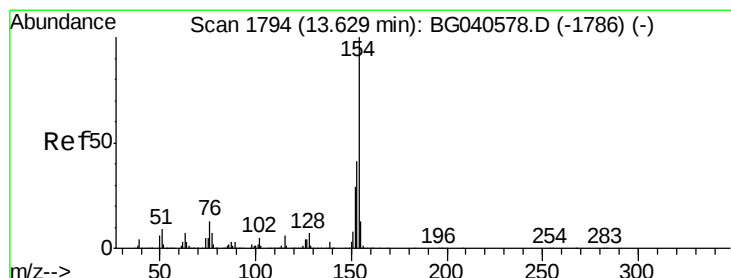
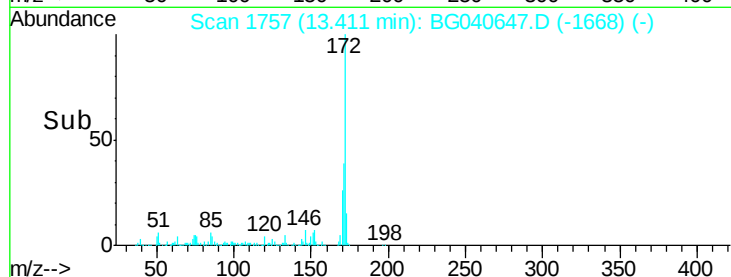
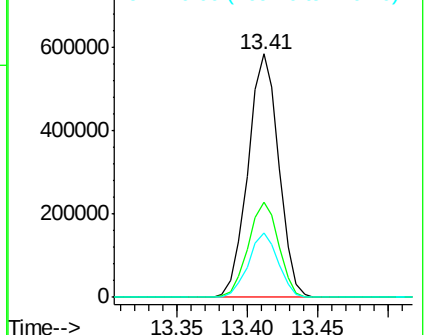
Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	26.2	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.201 ng

RT: 13.62 min Scan# 1793

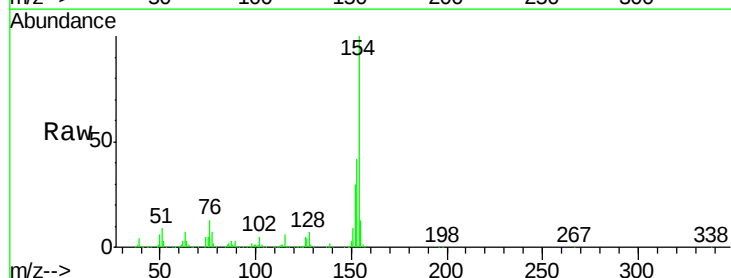
Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:154 Resp: 519885

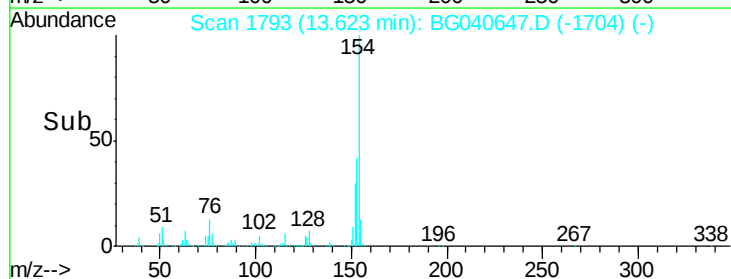
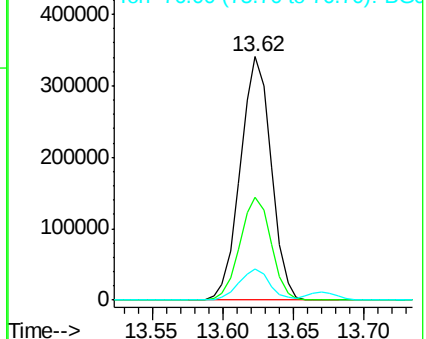
Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.5	60.5
76	12.6	0.0	32.5

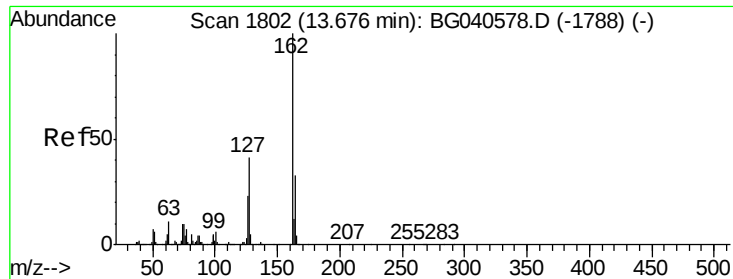


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 47.885 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

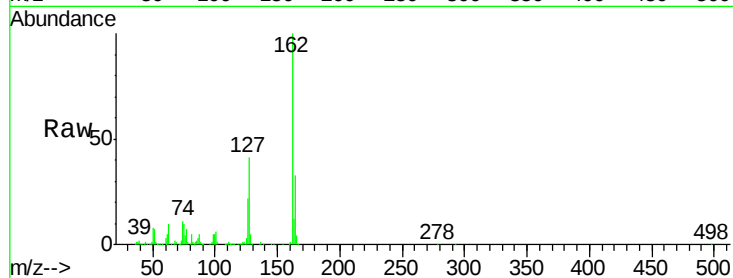
Tot Ion:162 Resp: 412756

Ion Ratio Lower Upper

162 100

127 40.7 33.0 49.4

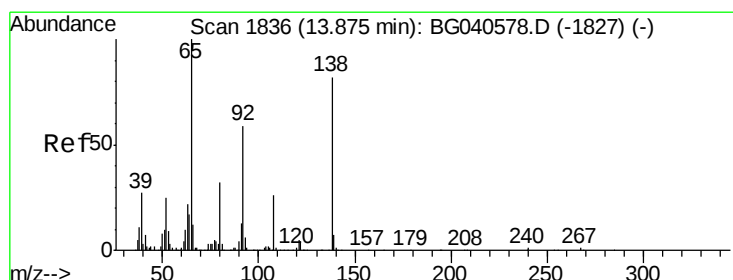
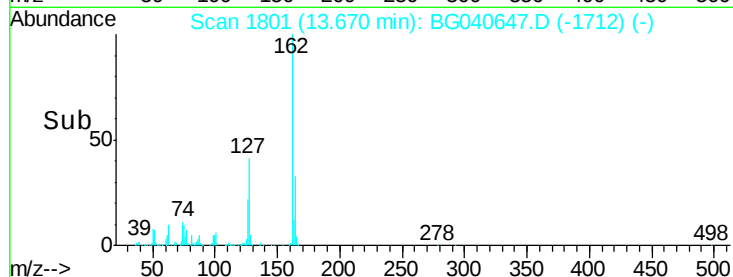
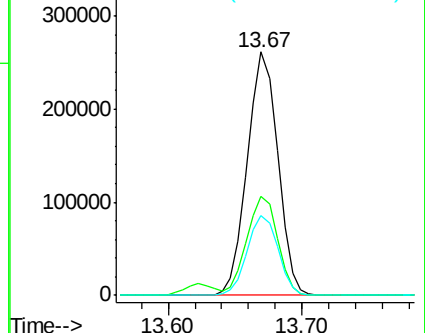
164 32.8 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 58.282 ng

RT: 13.88 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

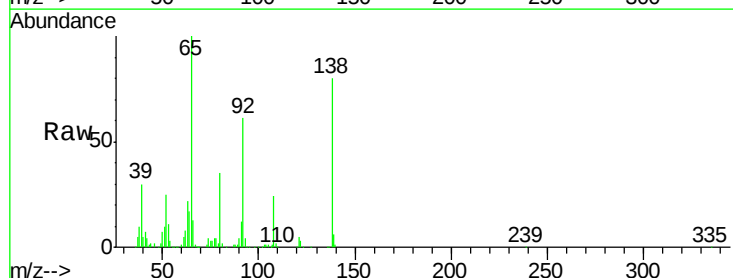
Tgt Ion: 65 Resp: 178827

Ion Ratio Lower Upper

65 100

92 61.3 47.4 71.0

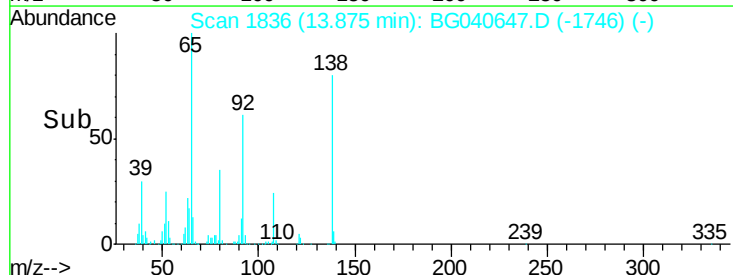
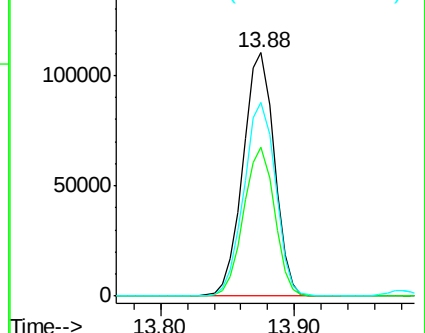
138 79.7 66.1 99.1



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.118 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampled :

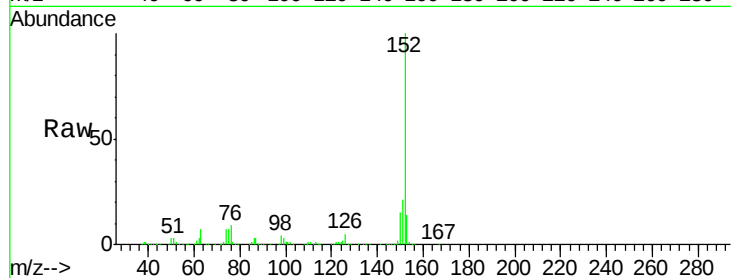
Tot Ion:152 Resp: 674451

Ion Ratio Lower Upper

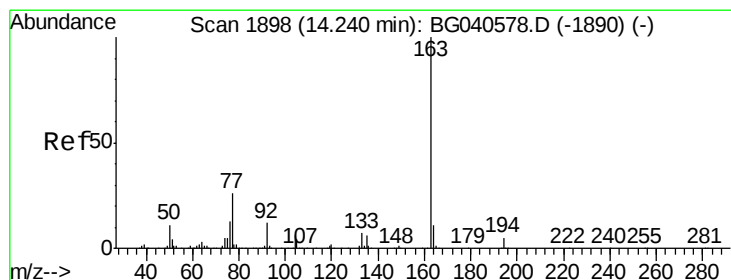
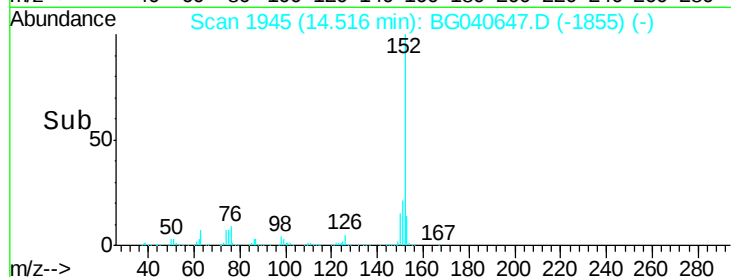
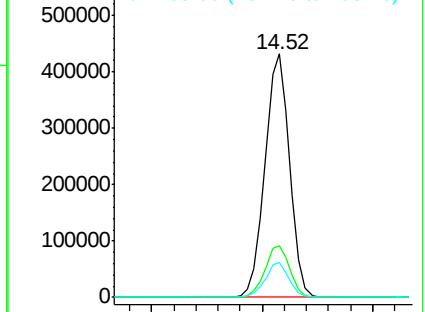
152 100

151 21.2 17.2 25.8

153 14.3 10.7 16.1



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: 48.495 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

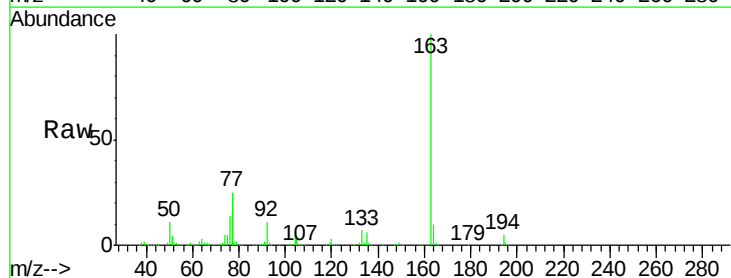
Tgt Ion:163 Resp: 575600

Ion Ratio Lower Upper

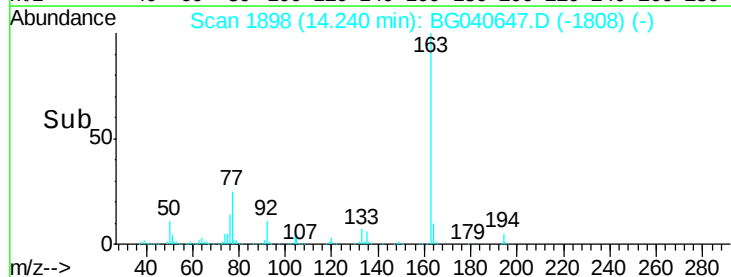
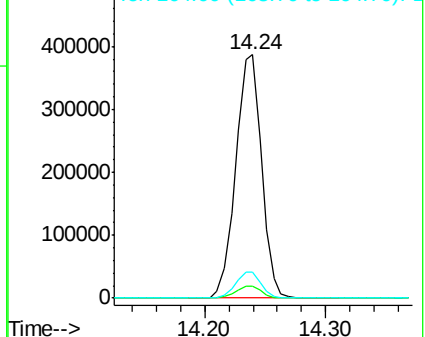
163 100

194 4.8 3.8 5.8

164 10.4 8.8 13.2



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: 55.338 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

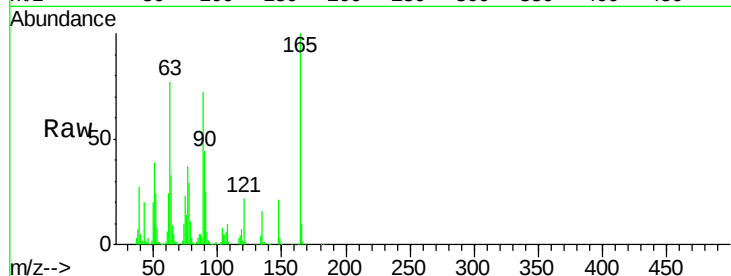
Tot Ion:165 Resp: 128192

Ion Ratio Lower Upper

165 100

63 77.5 61.0 91.4

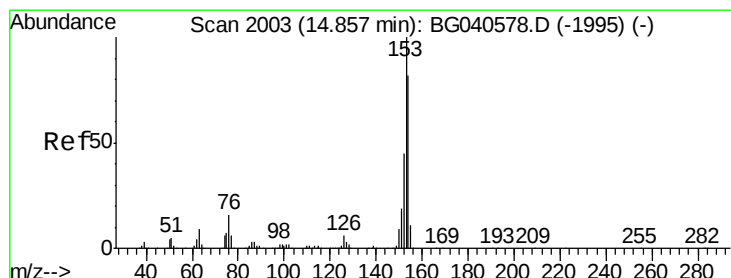
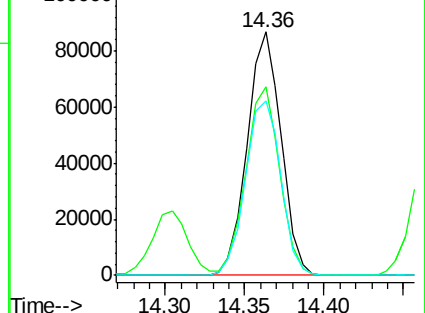
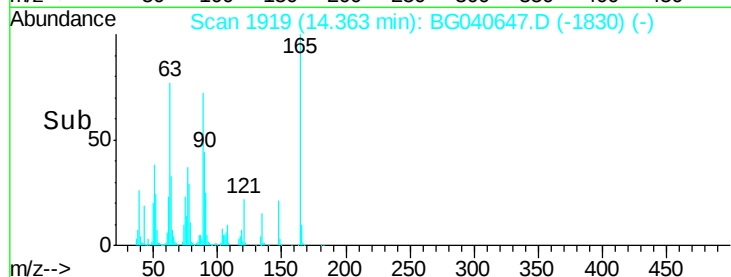
89 71.6 58.6 87.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.751 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

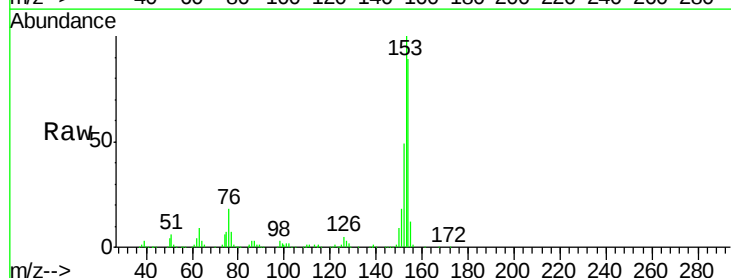
Tgt Ion:154 Resp: 406678

Ion Ratio Lower Upper

154 100

153 112.7 97.0 145.6

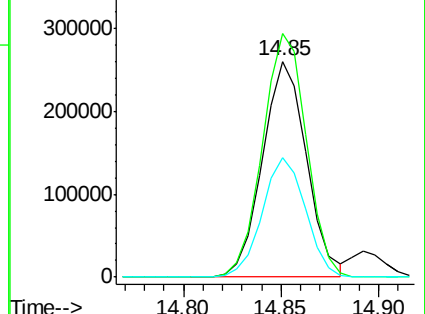
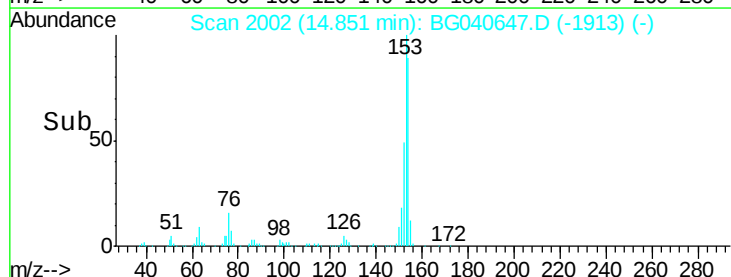
152 55.4 44.1 66.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

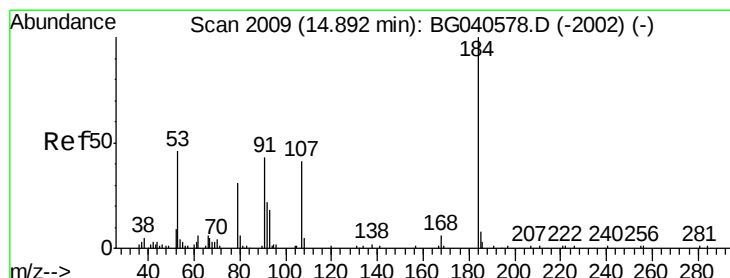
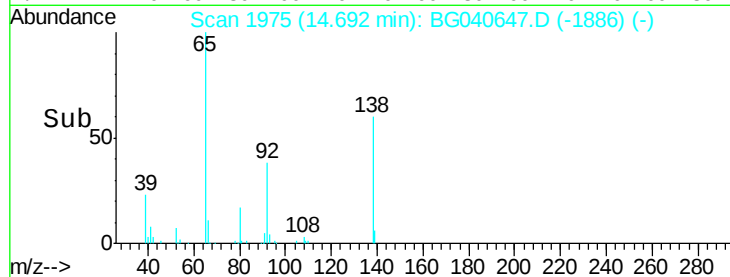
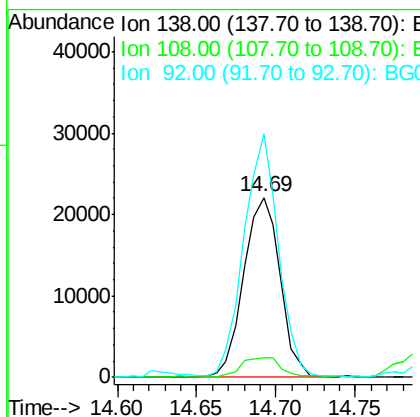
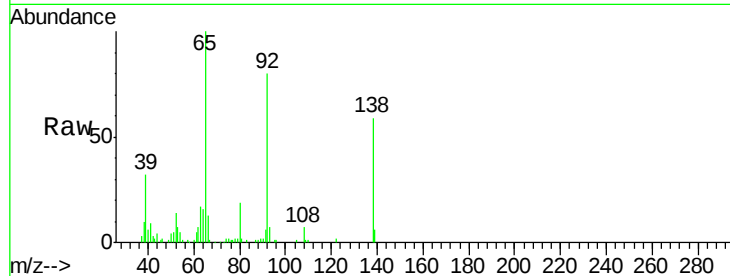




#53
 3-Nitroaniline
 Concen: 14.802 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

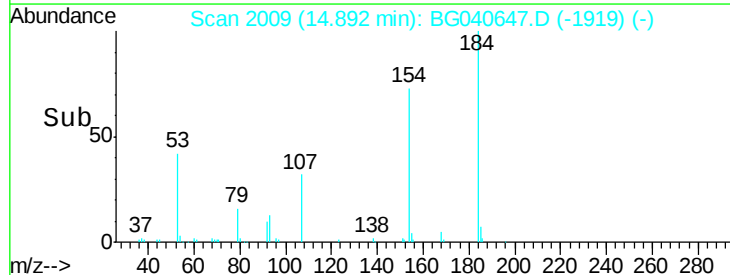
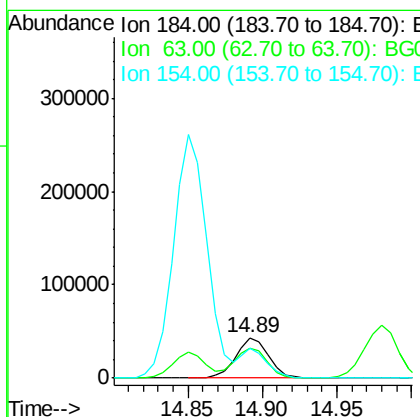
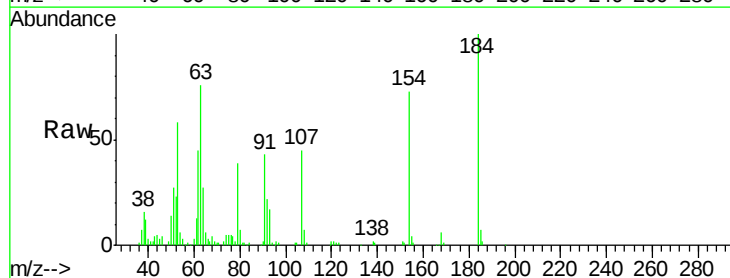
Instrument :
 BNA_G
 ClientSampleId :

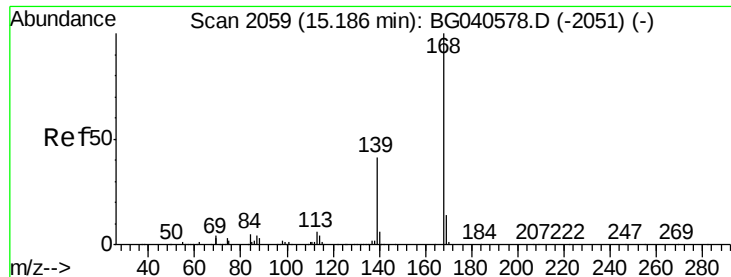
Tot Ion:138 Resp: 35134
 Ion Ratio Lower Upper
 138 100
 108 12.1 12.4 18.6#
 92 135.4 108.6 162.8



#54
 2,4-Dinitrophenol
 Concen: 52.826 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion:184 Resp: 65605
 Ion Ratio Lower Upper
 184 100
 63 75.9 51.8 77.6
 154 73.1 43.6 65.4#





#55

Dibenzenofuran

Concen: 48.653 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

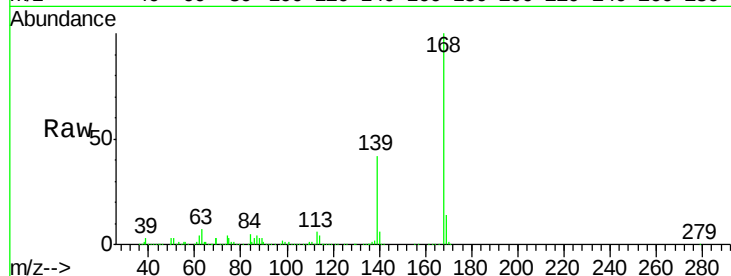
Tot Ion:168 Resp: 678698

Ion Ratio Lower Upper

168 100

139 41.6 33.0 49.4

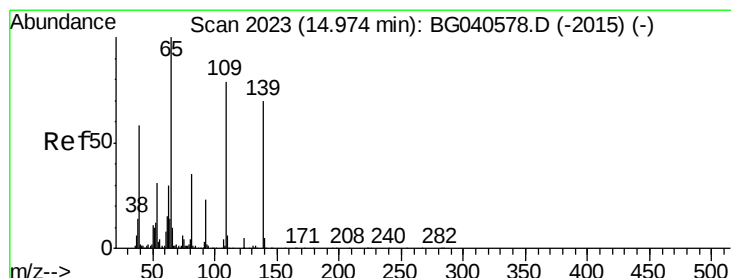
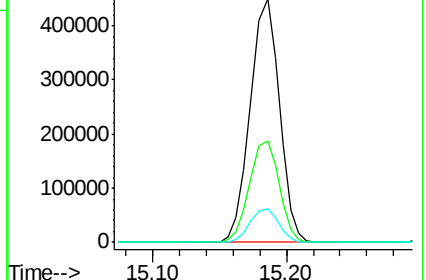
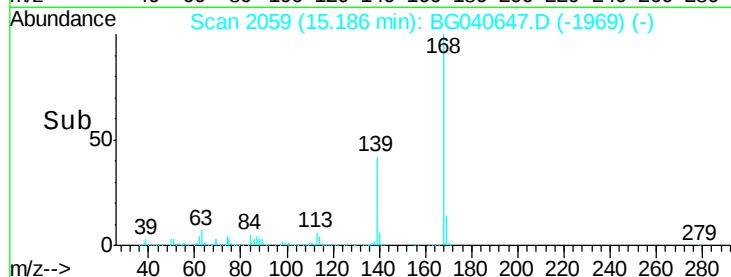
169 13.7 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.204 ng

RT: 14.98 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

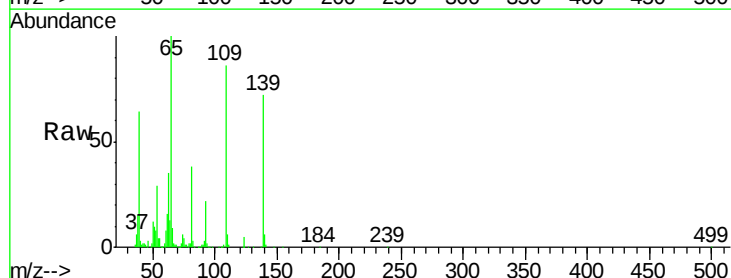
Tgt Ion:139 Resp: 193885

Ion Ratio Lower Upper

139 100

109 120.6 93.8 133.8

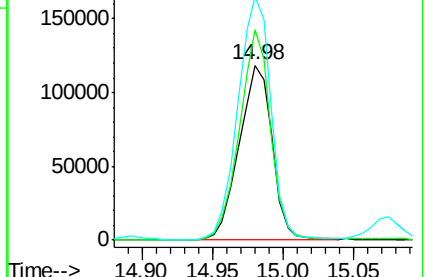
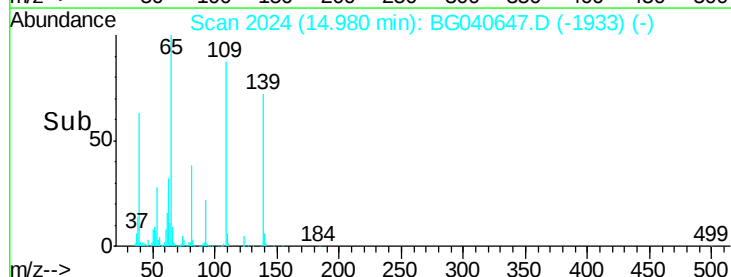
65 139.5 122.7 162.7

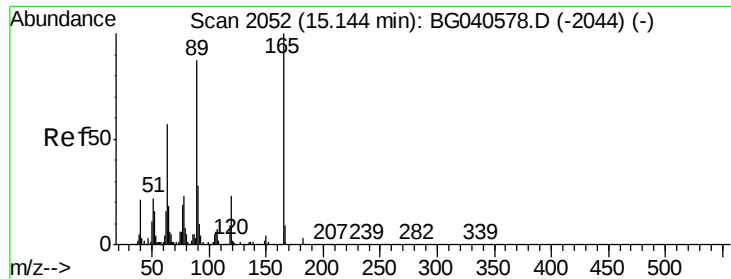


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 59.784 ng

RT: 15.14 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 188187

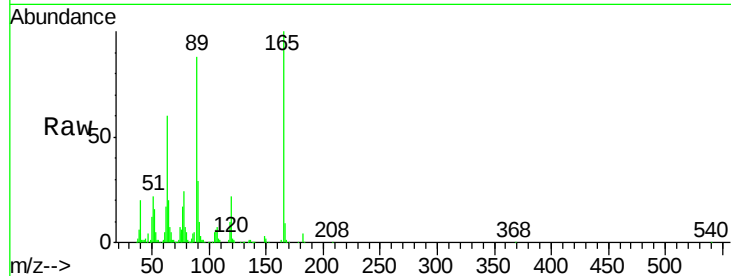
Ion Ratio Lower Upper

165 100

63 59.5 45.8 68.8

89 88.2 69.4 104.2

182 3.5 2.2 3.4#

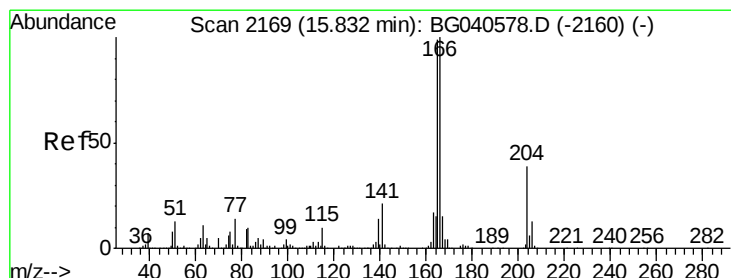
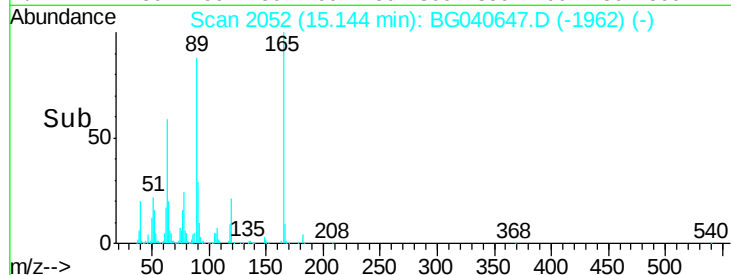
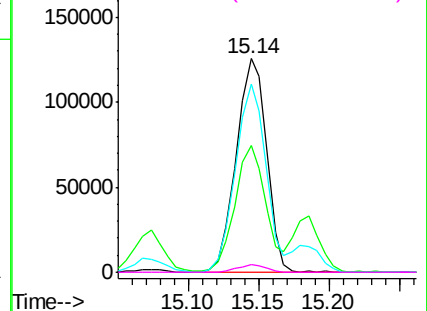


Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.535 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

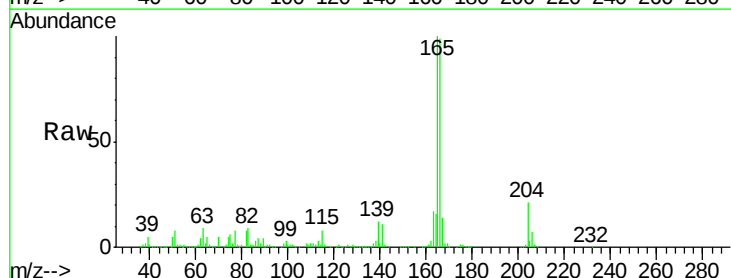
Tgt Ion:166 Resp: 547234

Ion Ratio Lower Upper

166 100

165 101.5 79.6 119.4

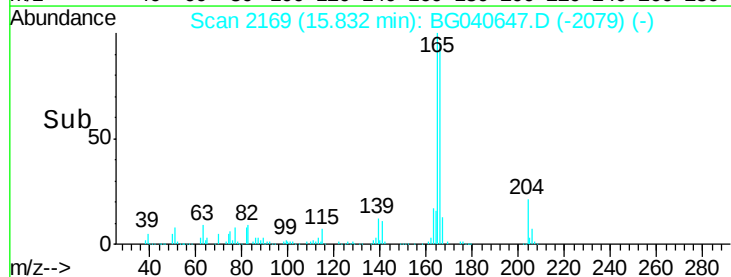
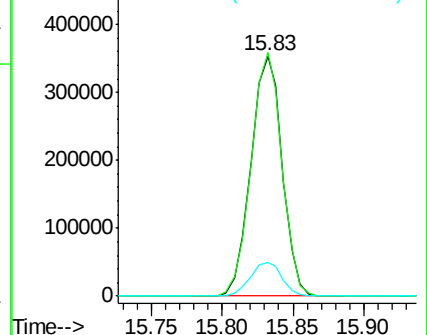
167 14.3 12.2 18.2

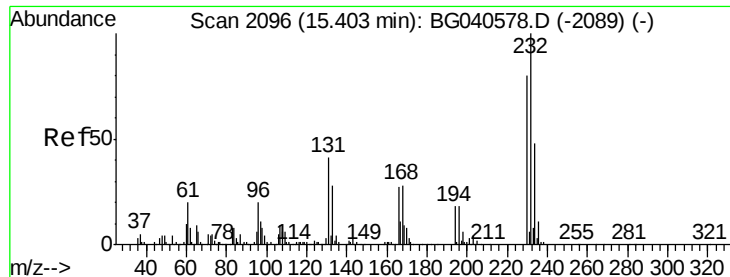


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

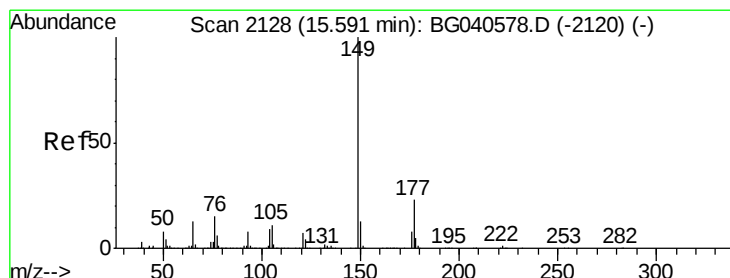
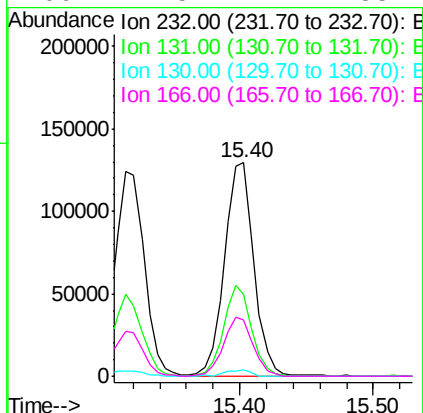
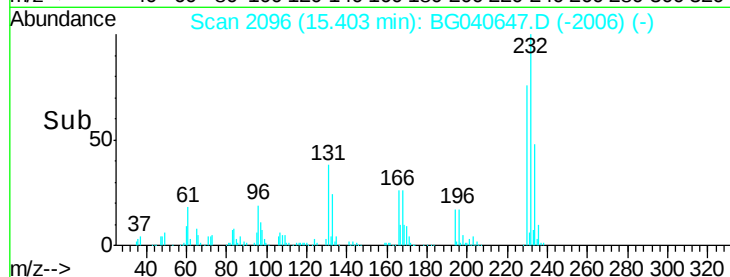
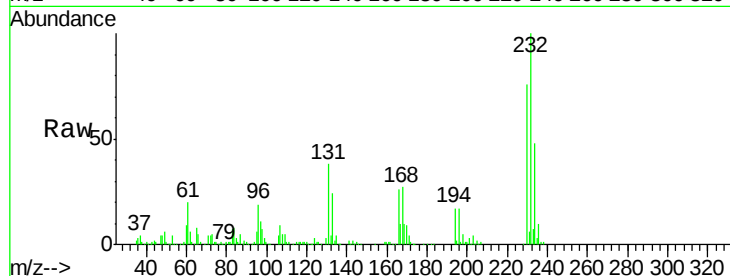




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.167 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

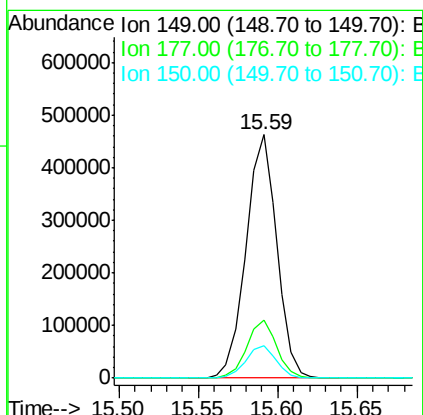
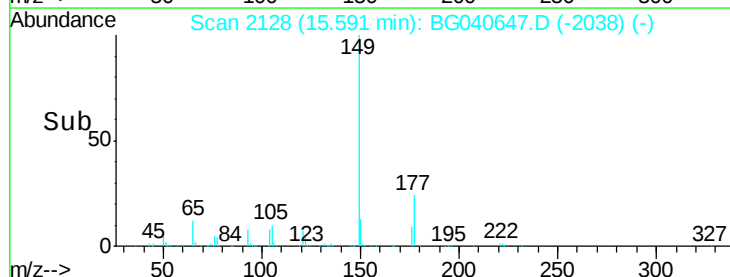
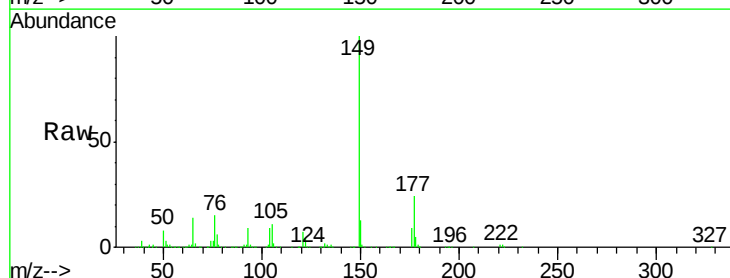
Instrument :
 BNA_G
 ClientSampleId :

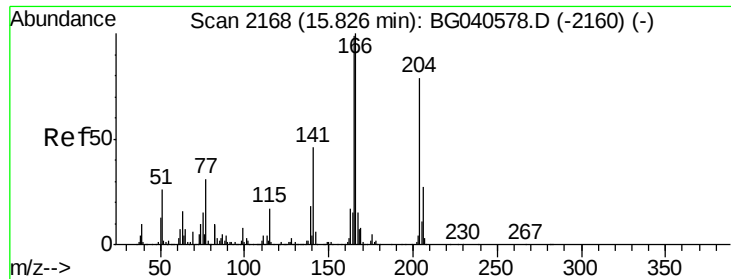
Tot Ion:232	Resp:	200179
Ion Ratio	Lower	Upper
232	100	
131	40.5	33.0 49.4
130	2.7	2.0 3.0
166	27.5	22.1 33.1



#60
 Diethylphthalate
 Concen: 49.592 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion:149	Resp:	621054
Ion Ratio	Lower	Upper
149	100	
177	23.6	18.5 27.7
150	13.2	10.2 15.4

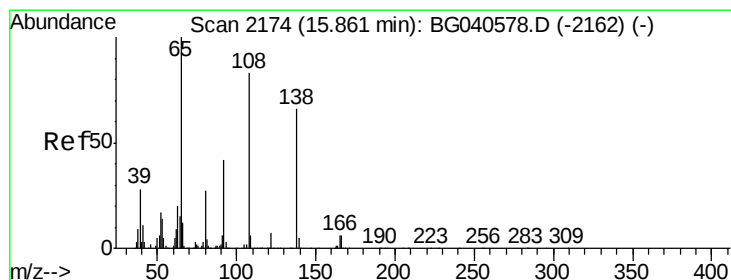
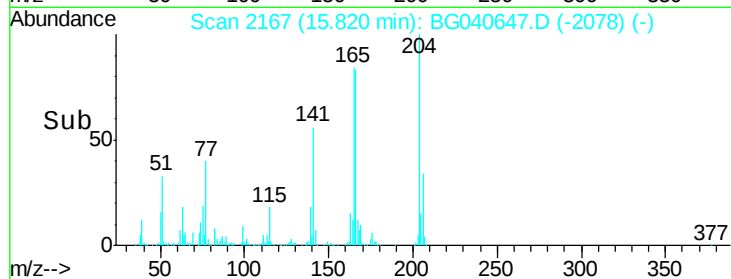
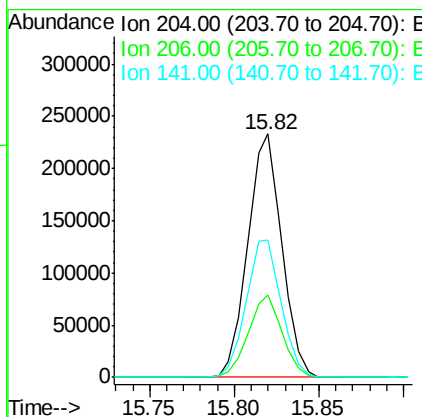
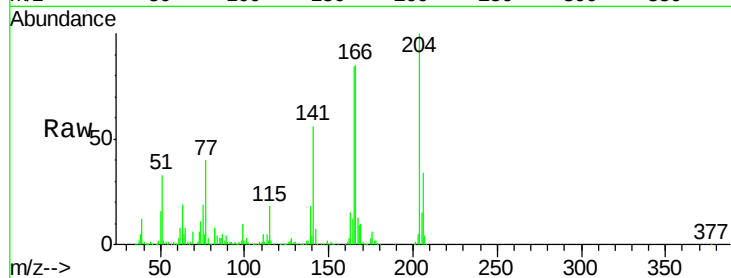




#61
 4-Chlorophenyl-phenylether
 Concen: 49.776 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

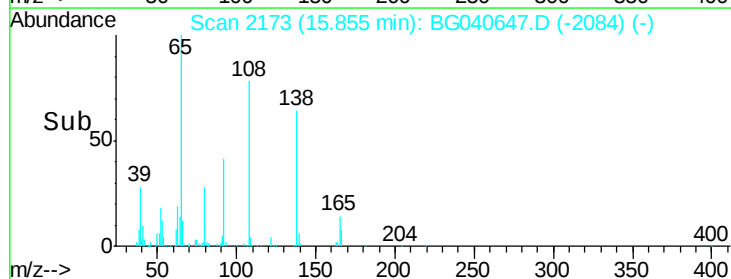
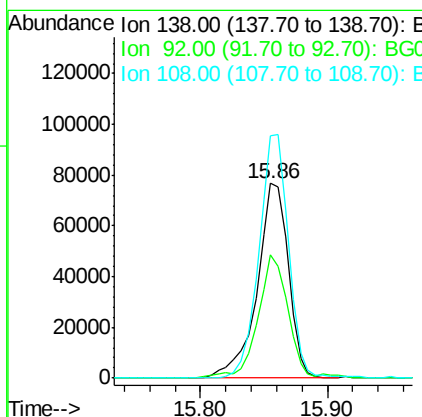
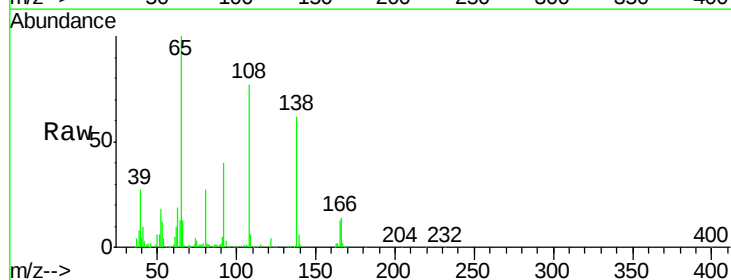
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.4	41.2
141	56.3	46.0	69.0



#62
 4-Nitroaniline
 Concen: 49.944 ng
 RT: 15.86 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.5	43.9	83.9
108	124.2	106.5	146.5

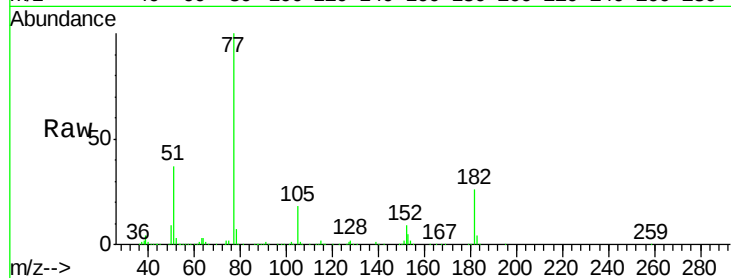




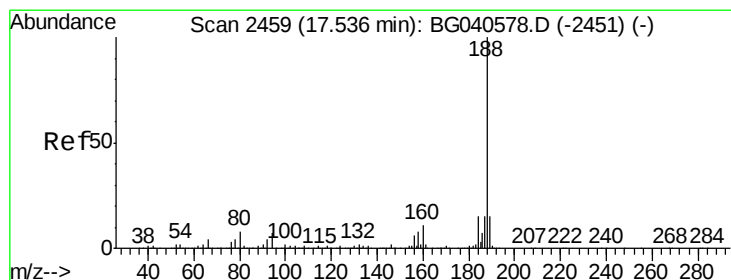
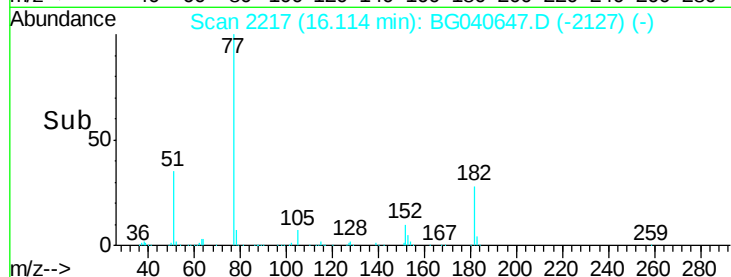
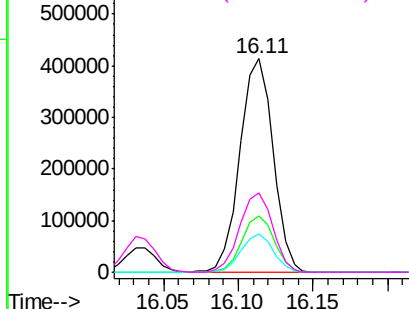
#63
Azobenzene
Concen: 49.396 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	26.4	5.0	45.0
105	105	17.7	0.0	37.6
51	51	36.9	16.3	56.3

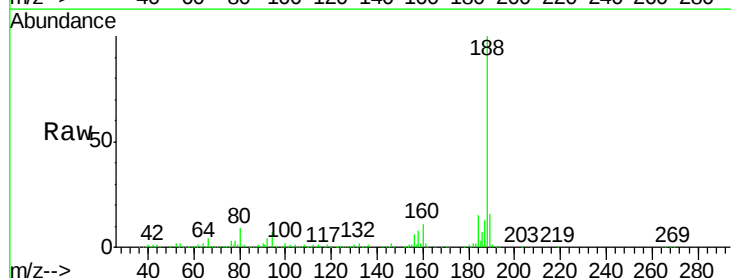


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

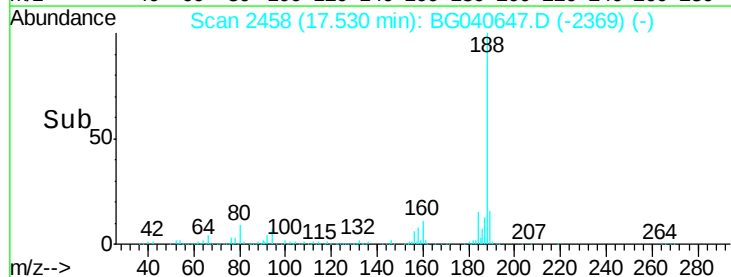
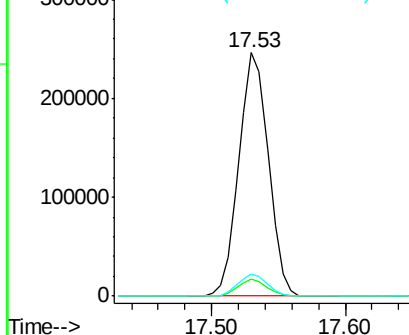


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	7.1	5.6	8.4
80	80	8.9	6.4	9.6



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

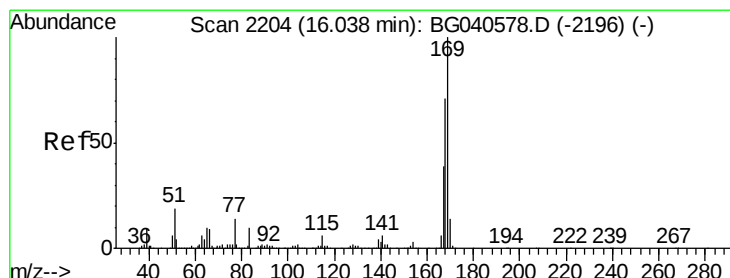
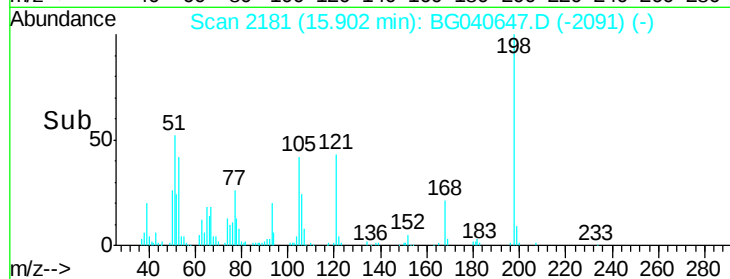
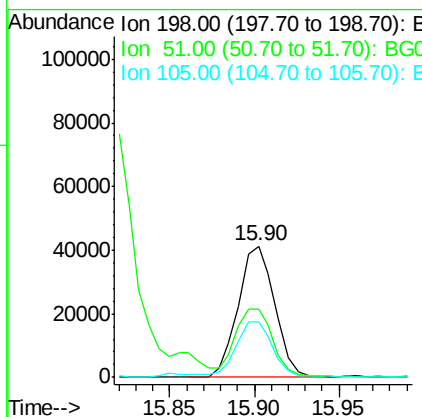
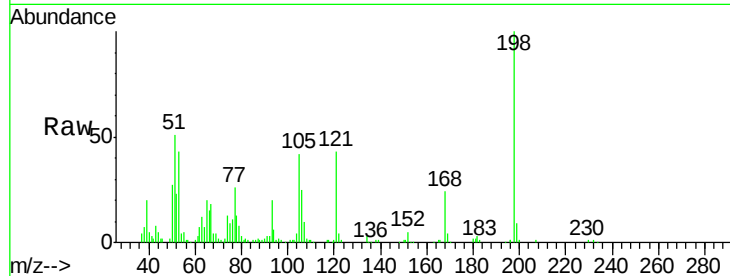




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.788 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

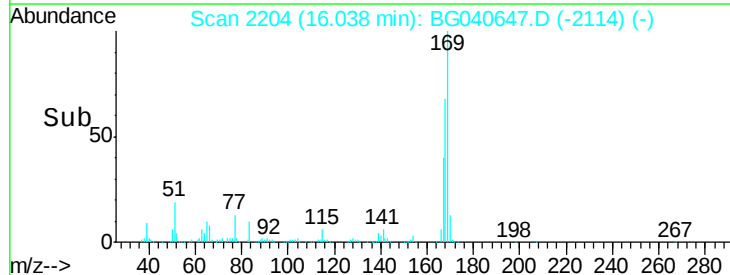
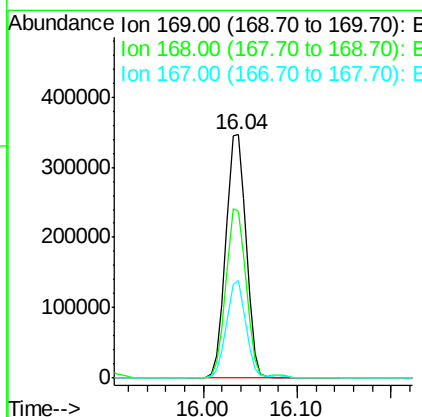
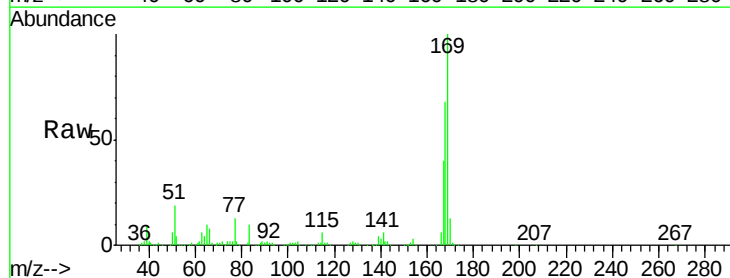
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	62486
Ion Ratio	100	Lower	Upper
51	51.5	35.9	75.9
105	42.0	21.2	61.2



#66
 n-Nitrosodiphenylamine
 Concen: 46.943 ng
 RT: 16.04 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	169	Resp	520235
Ion Ratio	100	Lower	Upper
168	68.4	56.8	85.2
167	40.0	31.4	47.0

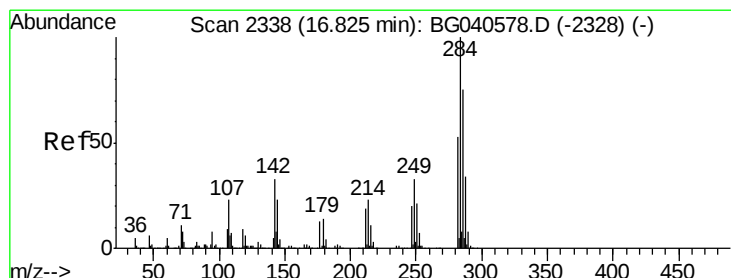
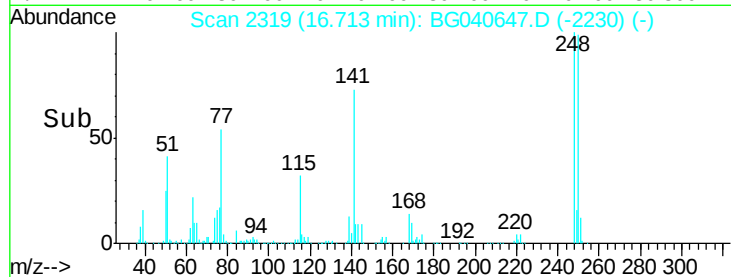
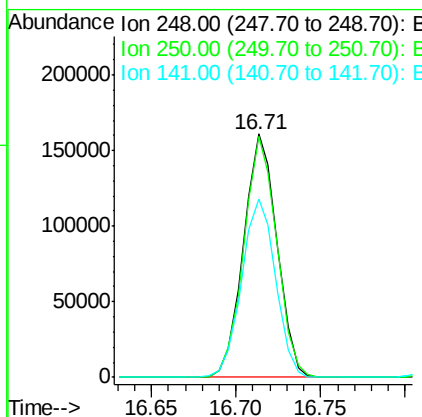
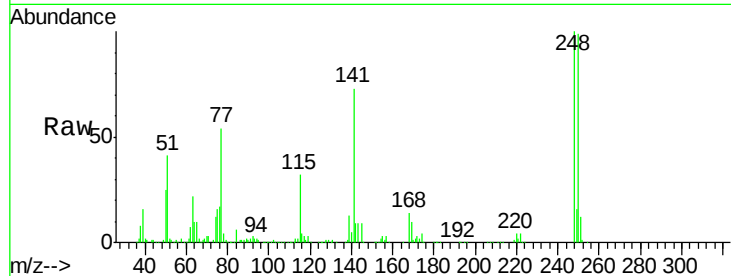




#67
4-Bromophenyl-phenylether
Concen: 47.235 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

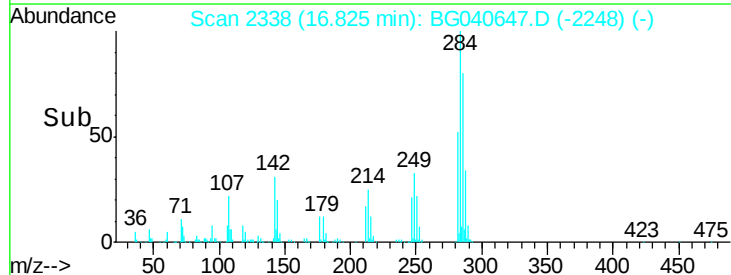
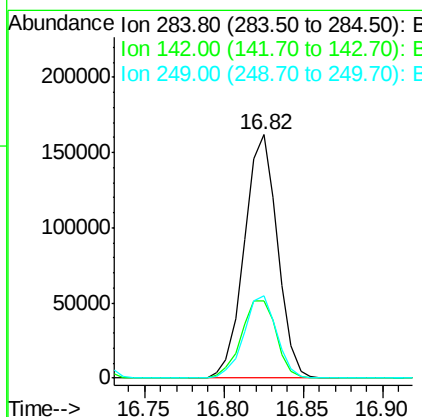
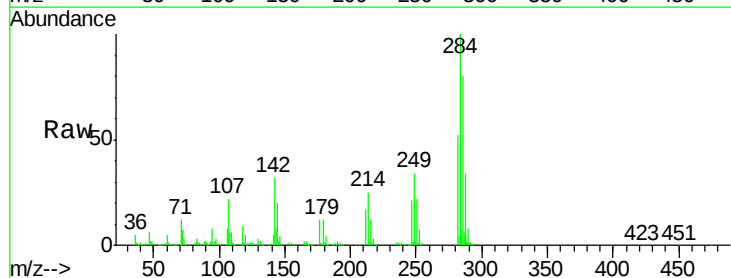
Instrument :
BNA_G
ClientSampleId :

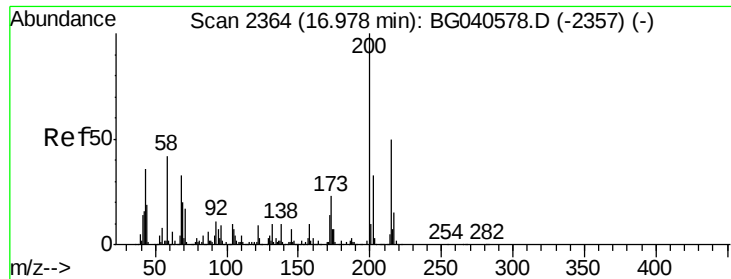
Tot Ion:248 Resp: 221668
Ion Ratio Lower Upper
248 100
250 98.8 79.8 119.6
141 73.4 60.8 91.2



#68
Hexachlorobenzene
Concen: 48.311 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion:284 Resp: 234427
Ion Ratio Lower Upper
284 100
142 31.8 26.6 40.0
249 33.6 26.0 39.0

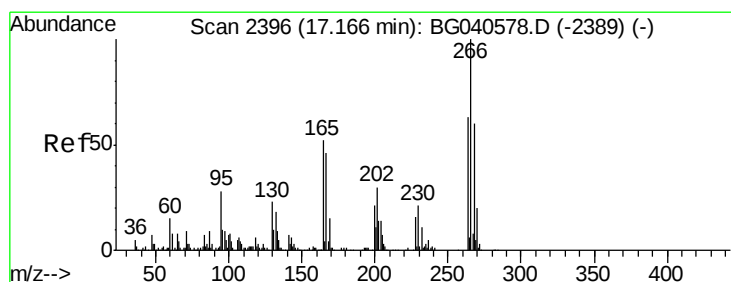
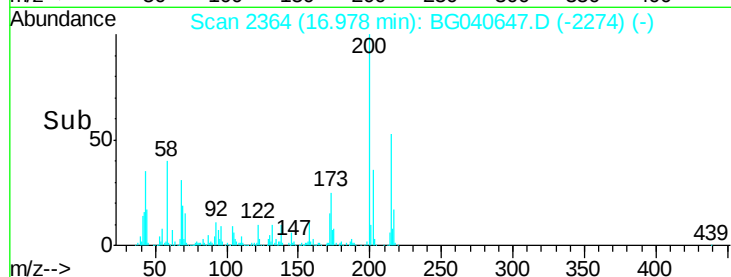
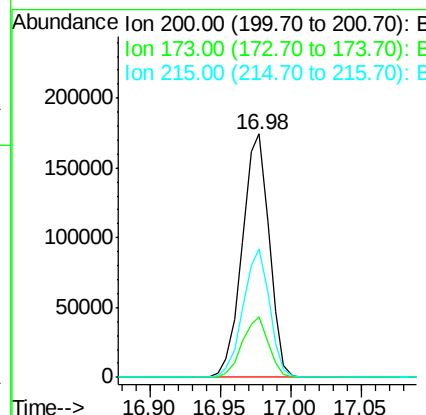
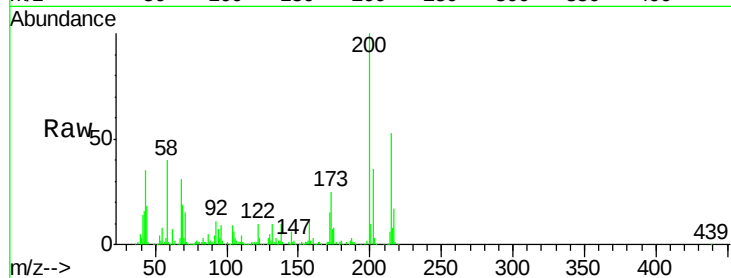




#69
Atrazine
Concen: 53.067 ng
RT: 16.98 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

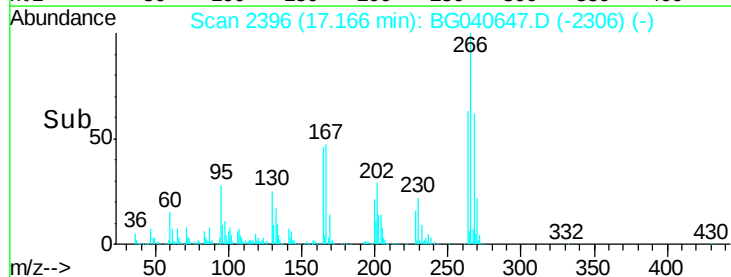
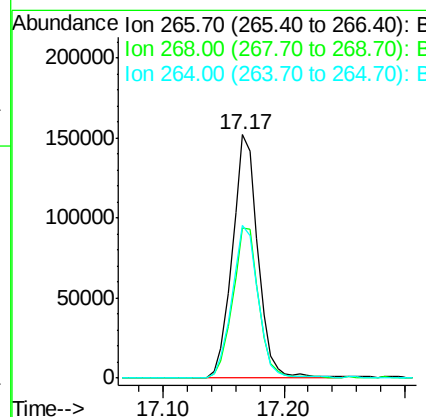
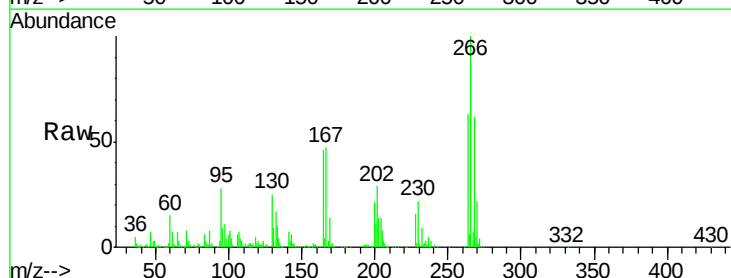
Instrument :
BNA_G
ClientSampled :

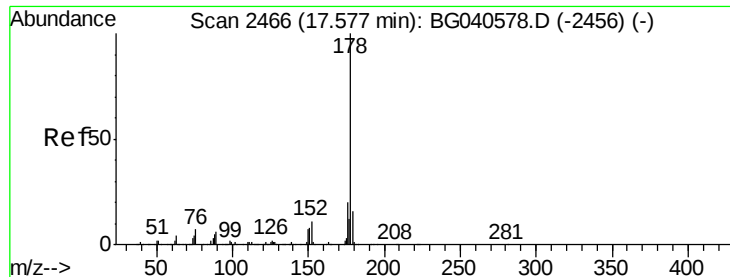
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.6	2.8	42.8
215	52.5	30.2	70.2



#70
Pentachlorophenol
Concen: 78.933 ng
RT: 17.17 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	52.3	78.5
264	62.7	50.0	75.0





#71

Phenanthrene

Concen: 49.143 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

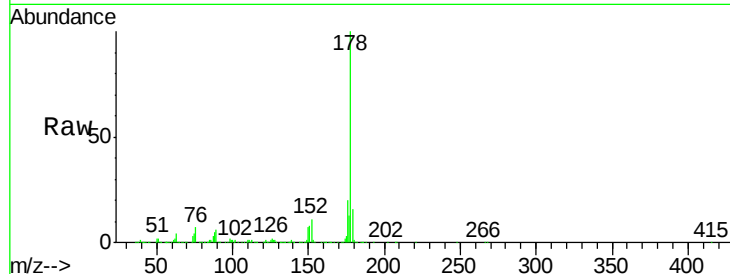
Tot Ion:178 Resp: 997044

Ion Ratio Lower Upper

178 100

176 20.5 15.8 23.6

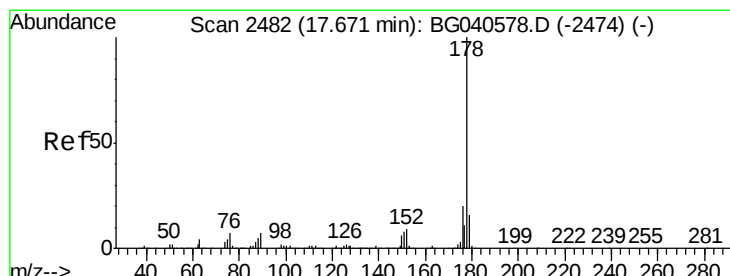
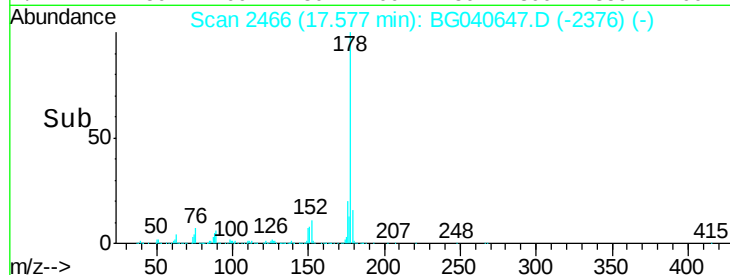
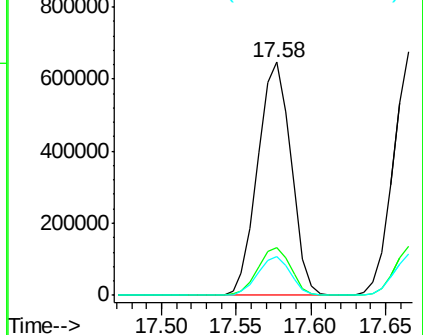
179 16.4 12.6 18.8



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: 50.035 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

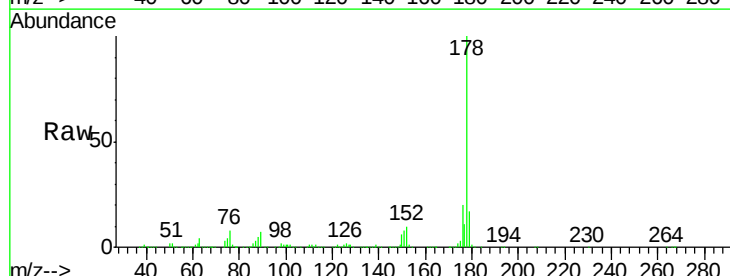
Tgt Ion:178 Resp: 1020400

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

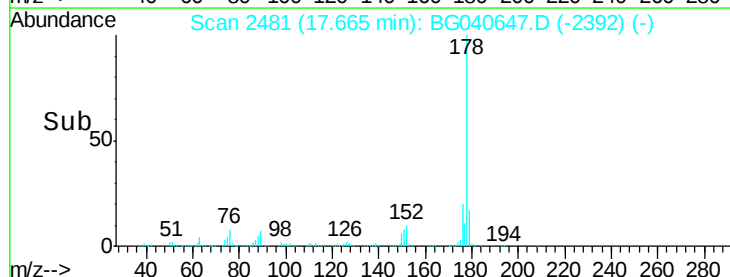
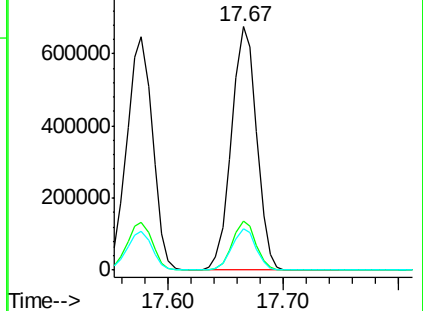
179 16.9 12.9 19.3



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

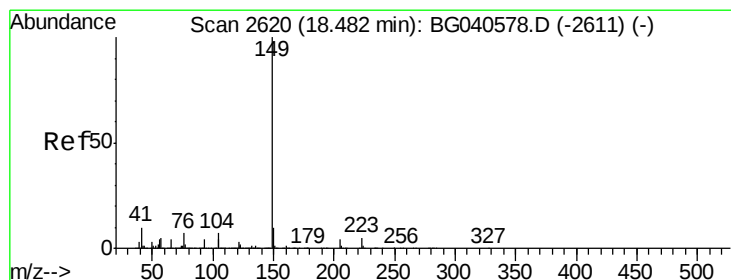
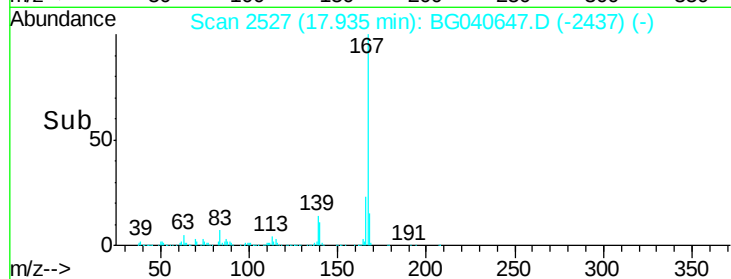
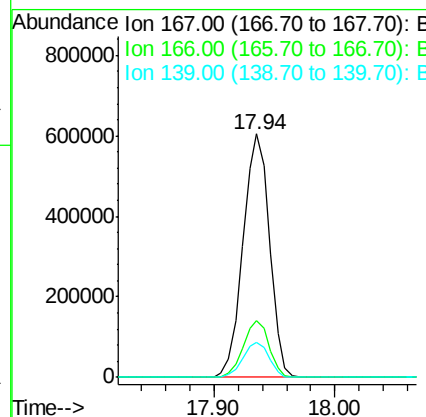
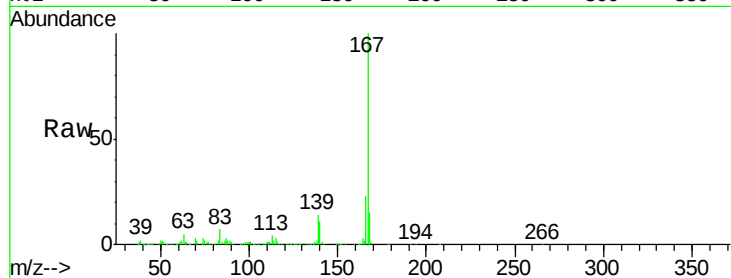




#73
 Carbazole
 Concen: 49.843 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

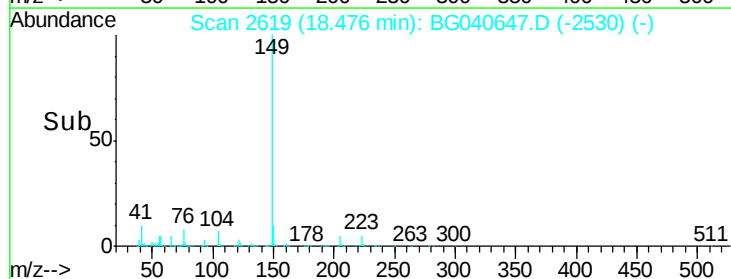
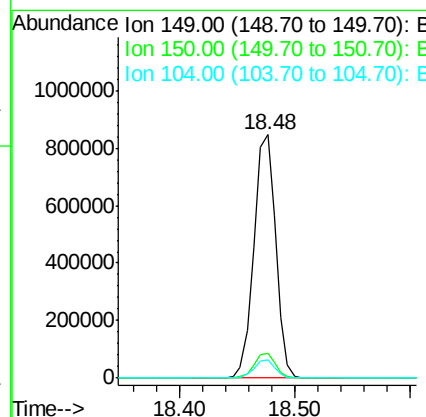
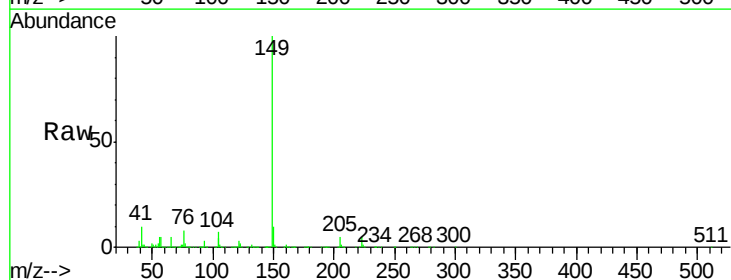
Instrument :
 BNA_G
 ClientSampleId :

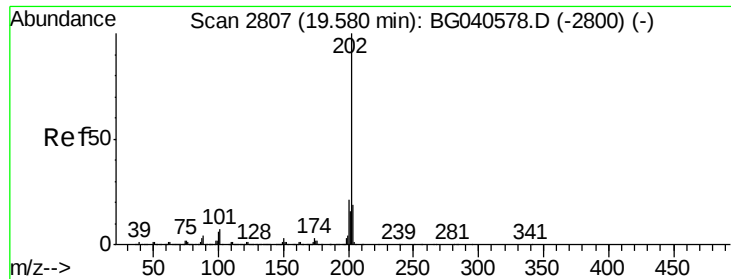
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	14.4	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 49.538 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	7.3	5.4	8.2





#75

Fluoranthene

Concen: 51.372 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

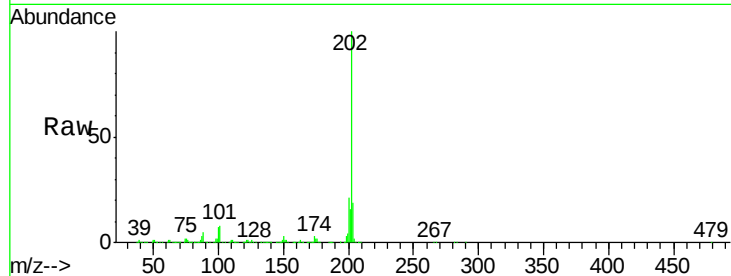
Tot Ion:202 Resp: 1298837

Ion Ratio Lower Upper

202 100

101 7.7 0.0 27.5

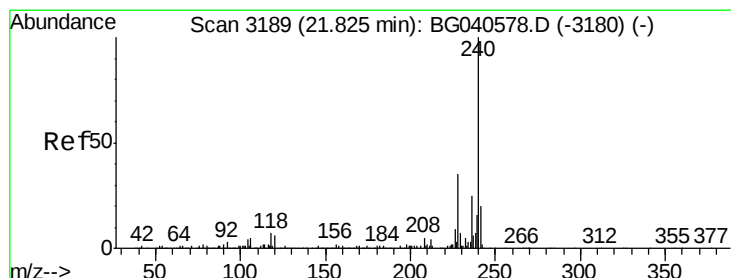
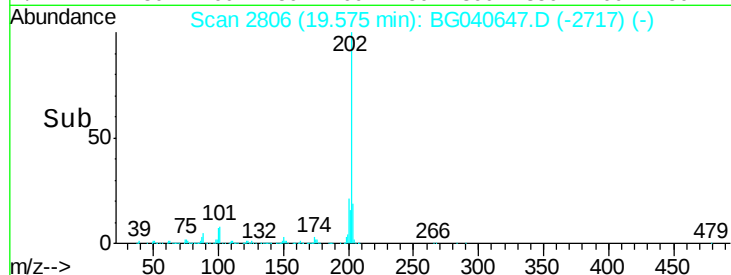
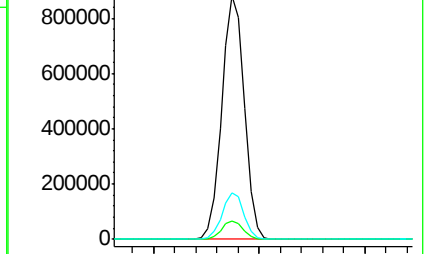
203 19.3 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

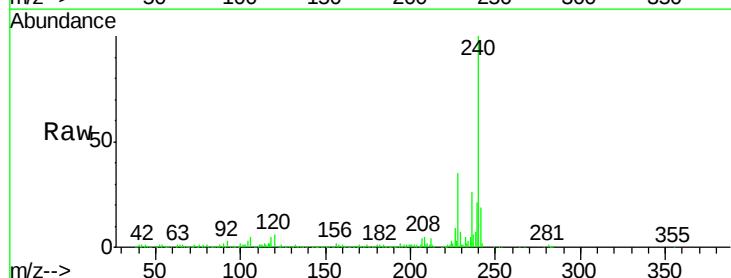
Tgt Ion:240 Resp: 378135

Ion Ratio Lower Upper

240 100

120 5.9 5.0 7.6

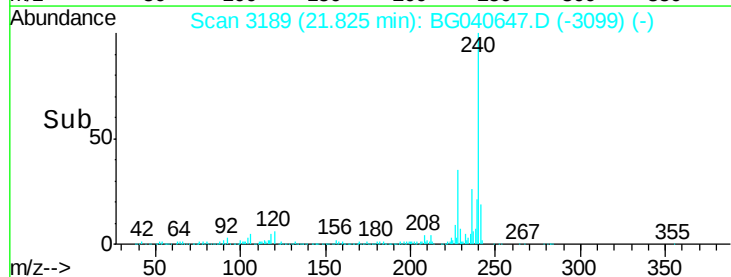
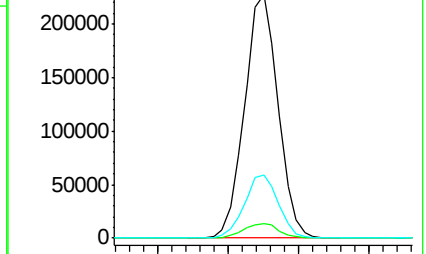
236 25.8 20.3 30.5



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: 7.723 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

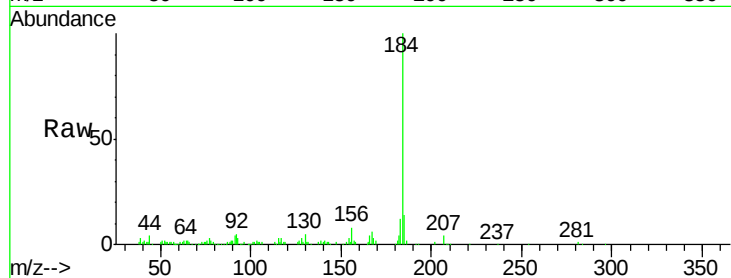
Tot Ion:184 Resp: 79956

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.8

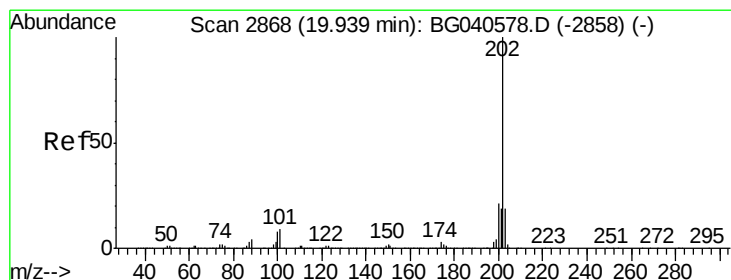
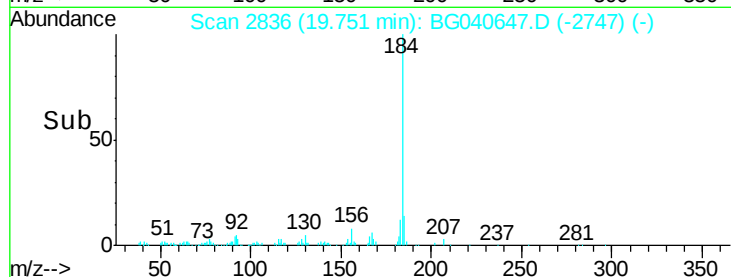
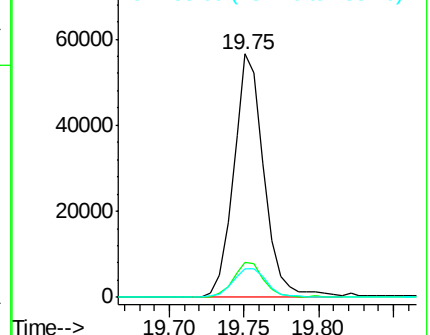
183 11.6 10.2 15.2



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: 54.388 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

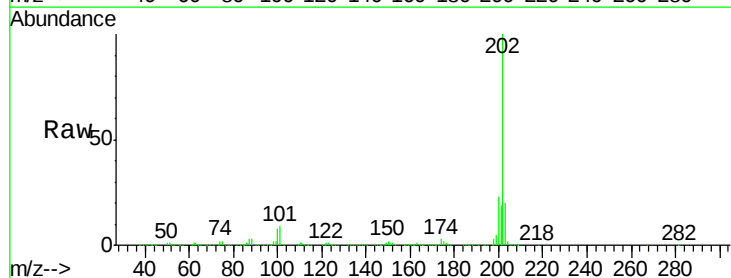
Tgt Ion:202 Resp: 1288979

Ion Ratio Lower Upper

202 100

200 22.9 17.2 25.8

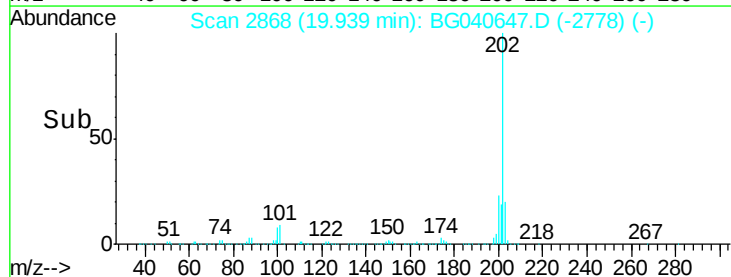
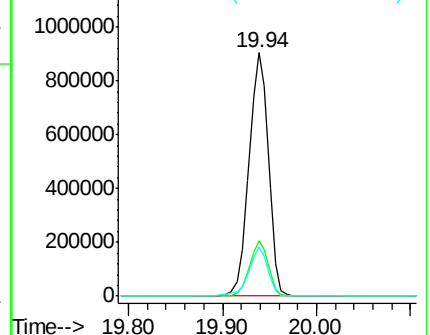
203 20.3 15.0 22.4

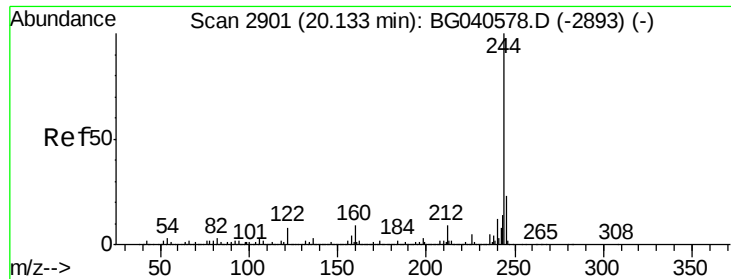


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

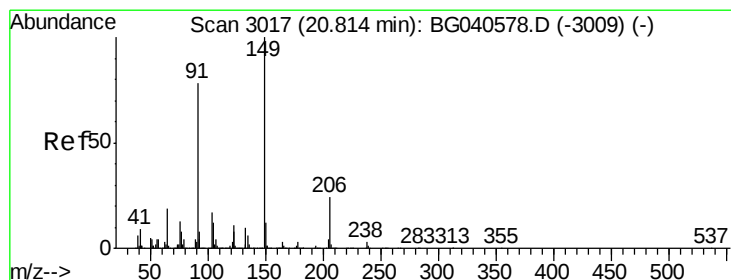
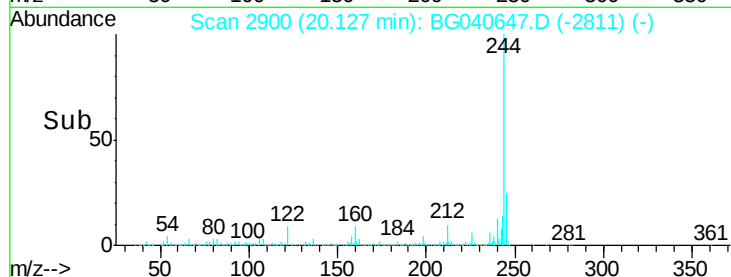
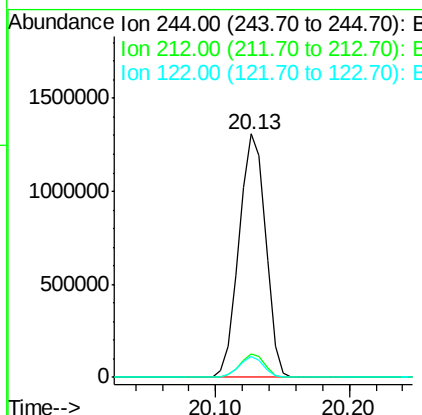
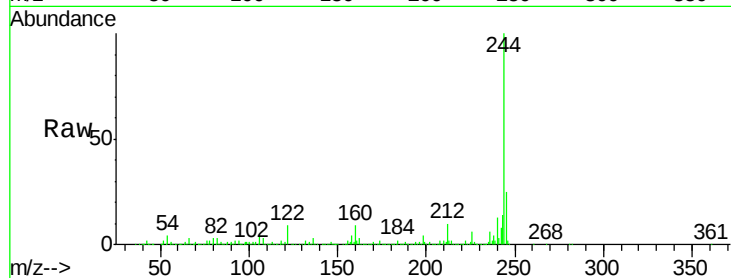




#79
 Terphenyl-d14
 Concen: 105.601 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

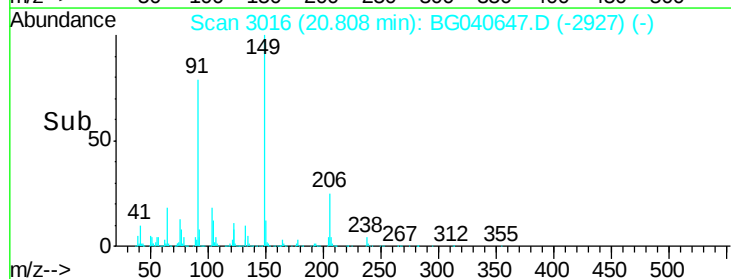
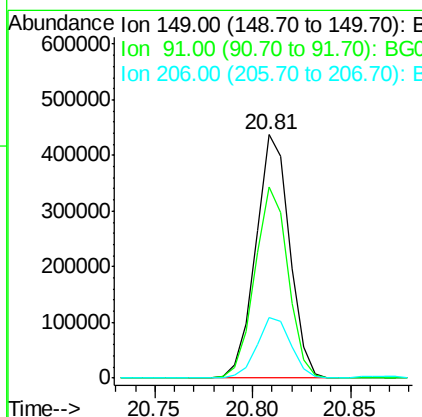
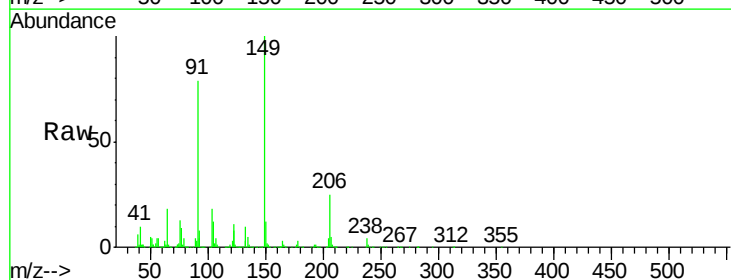
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1802422
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.2 10.8
 122 8.7 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 56.766 ng
 RT: 20.81 min Scan# 3016
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion:149 Resp: 524356
 Ion Ratio Lower Upper
 149 100
 91 78.7 62.6 93.8
 206 25.0 19.4 29.2





#81

Benzo(a)anthracene

Concen: 52.024 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

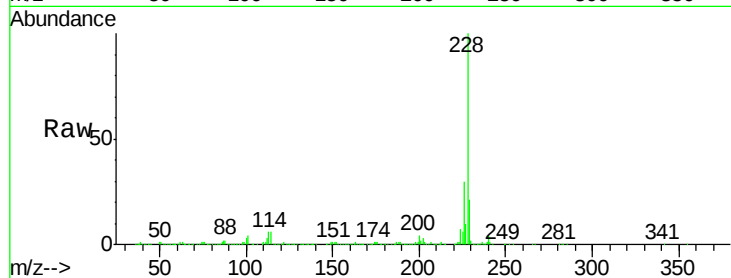
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 1243300

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	21.5	17.0	25.4

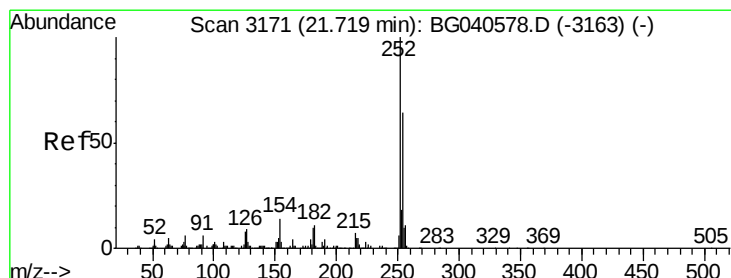
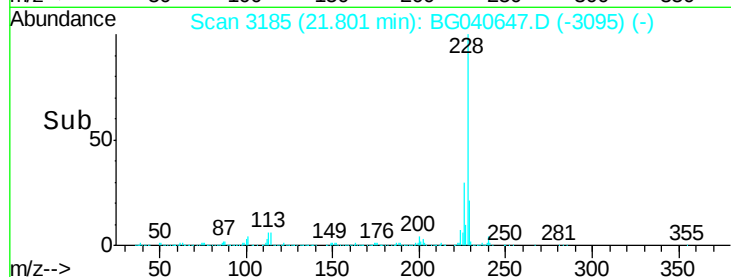
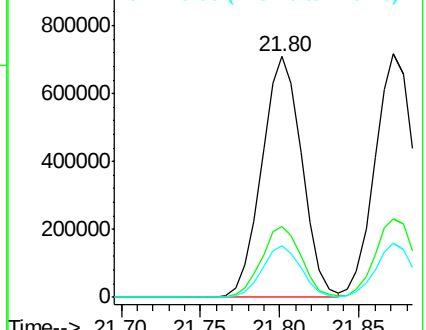


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 15.837 ng

RT: 21.71 min Scan# 3170

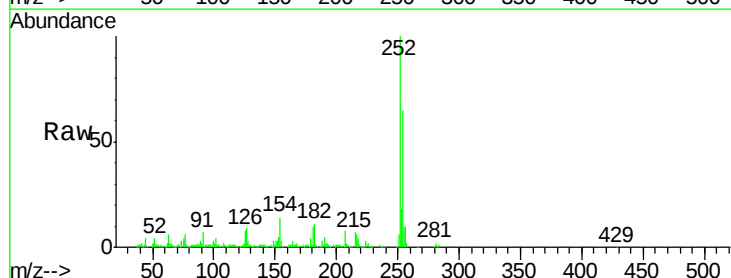
Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:252 Resp: 134902

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.2	76.8
126	8.3	6.6	10.0

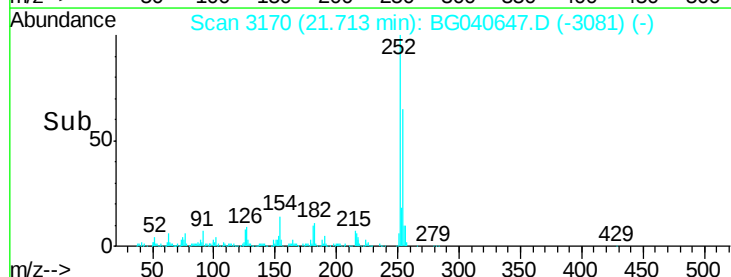
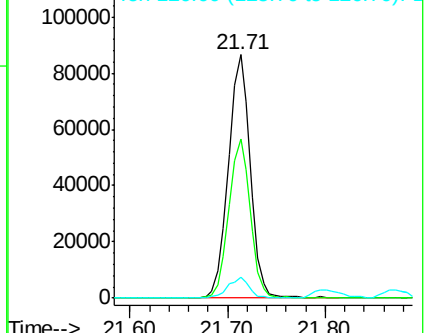


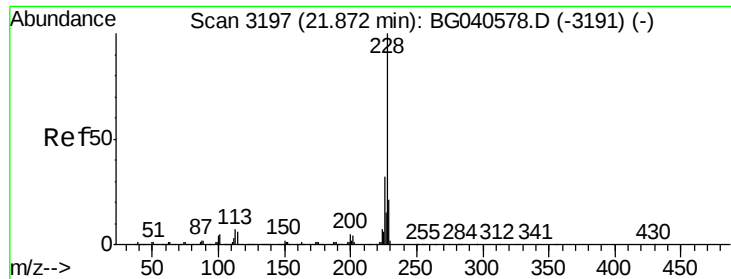
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 53.808 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

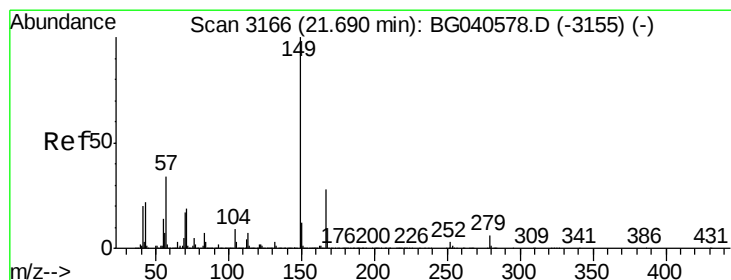
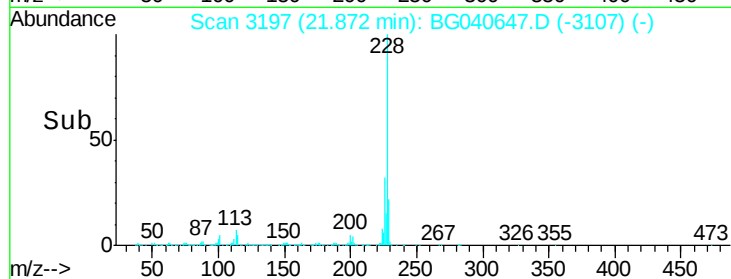
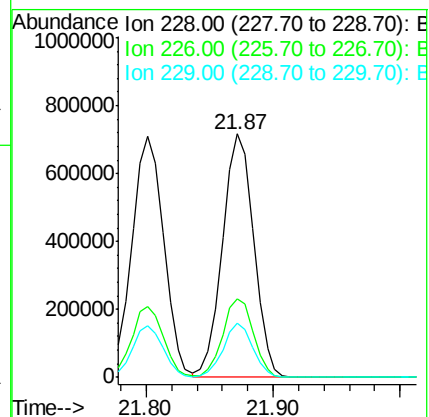
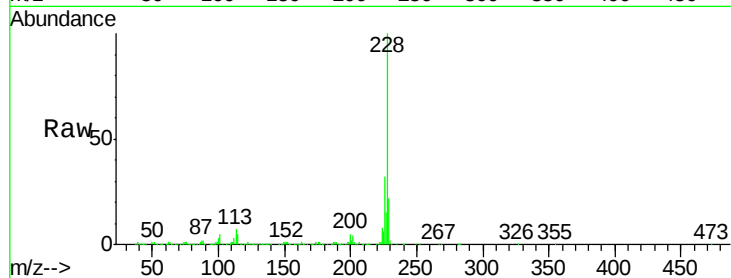
Tot Ion:228 Resp: 1222953

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	22.2	16.8	25.2

228 100

226 32.4 25.5 38.3

229 22.2 16.8 25.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.279 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

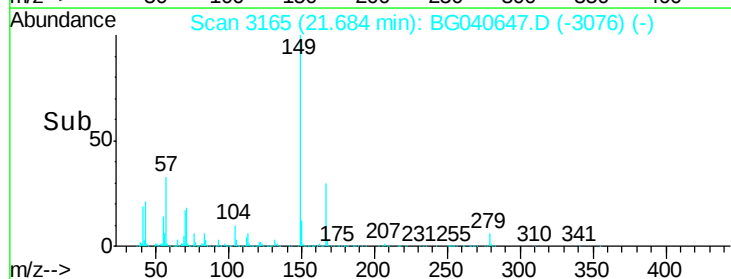
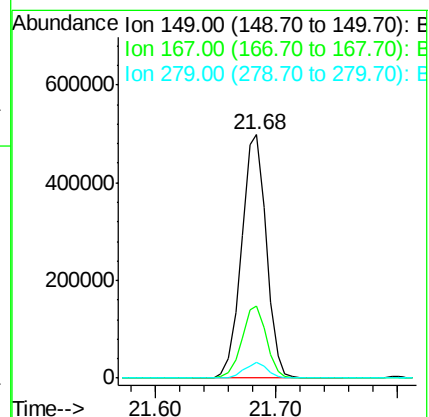
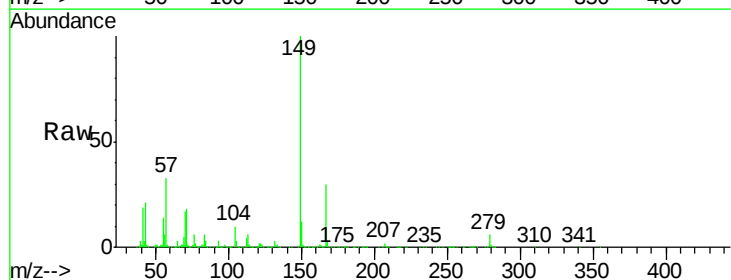
Tgt Ion:149 Resp: 710414

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.4	33.6
279	6.5	4.6	6.8

149 100

167 29.6 22.4 33.6

279 6.5 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 54.026 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

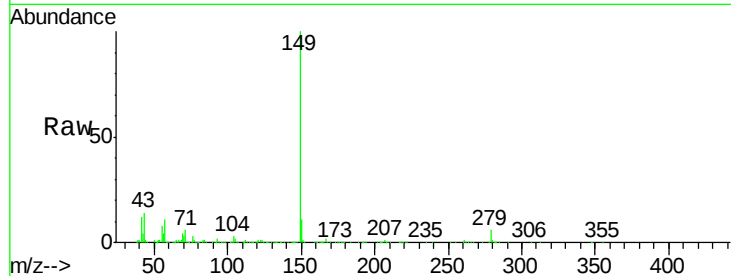
Tot Ion:149 Resp: 1213196

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

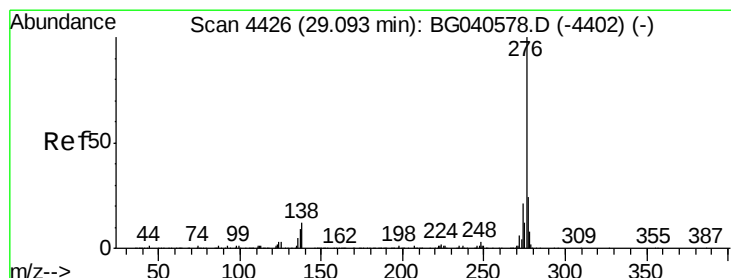
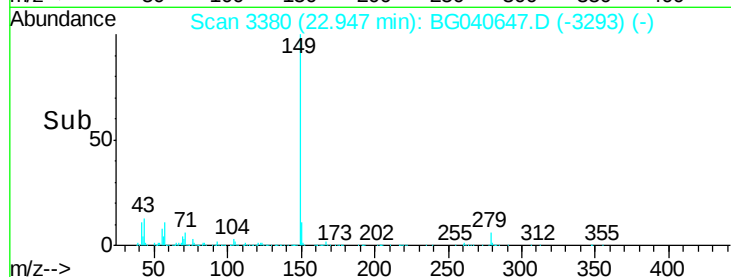
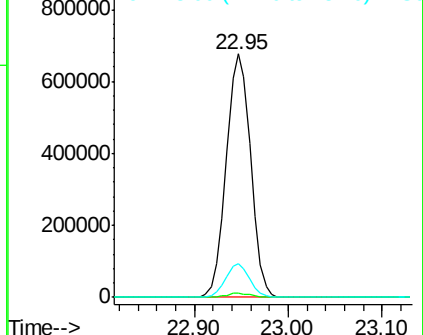
43 13.3 10.2 15.2



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: 54.722 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

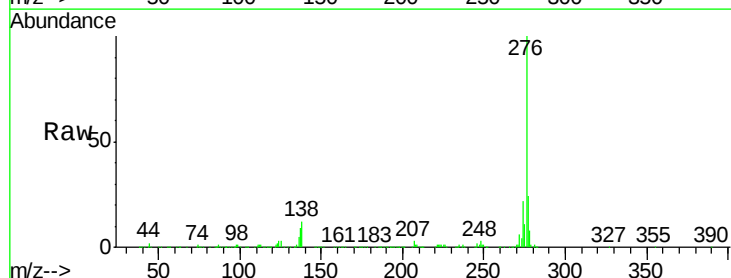
Tgt Ion:276 Resp: 1503732

Ion Ratio Lower Upper

276 100

138 9.4 9.8 14.6#

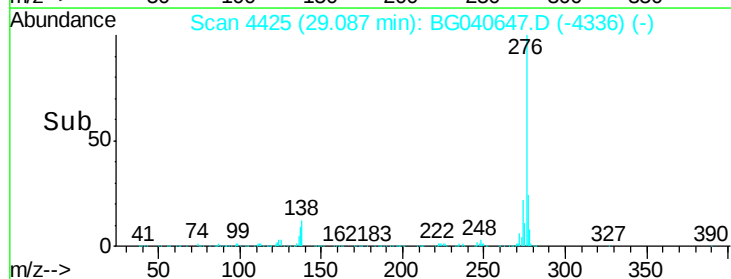
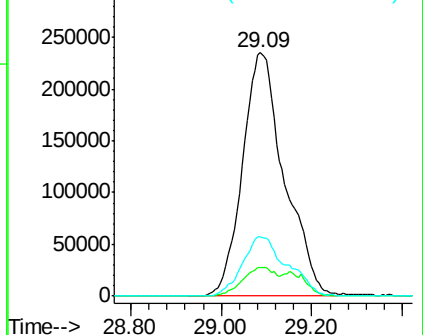
277 26.2 17.3 25.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

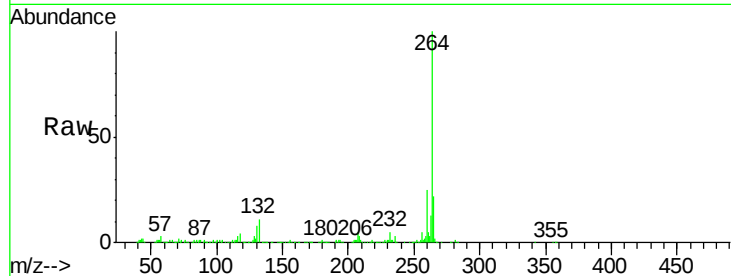
Tot Ion:264 Resp: 407891

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.2	16.6	25.0

264 100

260 25.5 19.2 28.8

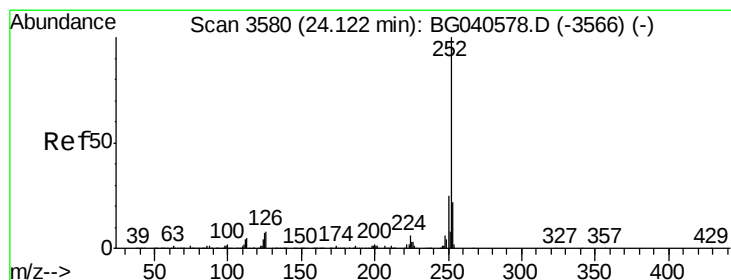
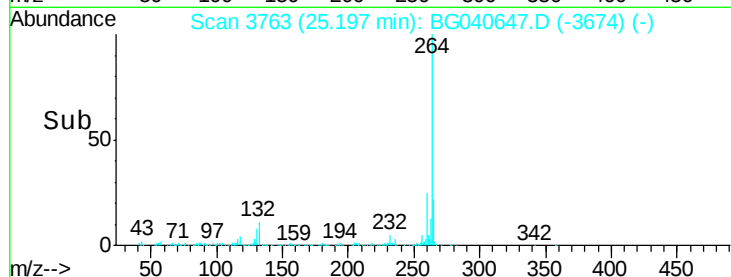
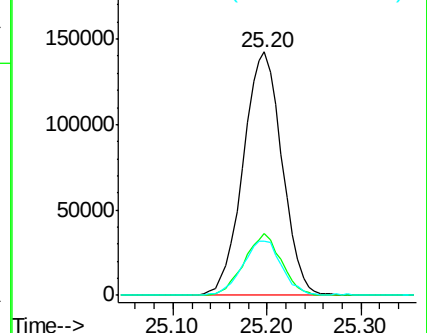
265 22.2 16.6 25.0



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: 51.103 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

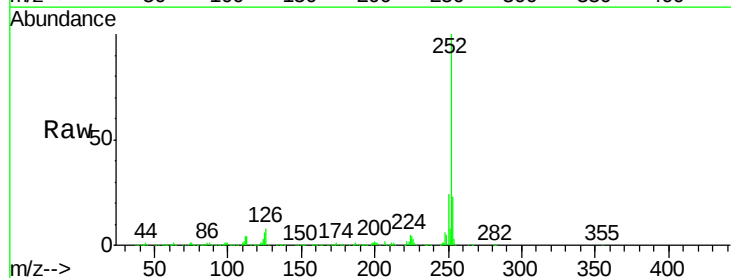
Tgt Ion:252 Resp: 1273783

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.3	5.4	8.0

252 100

253 22.8 17.6 26.4

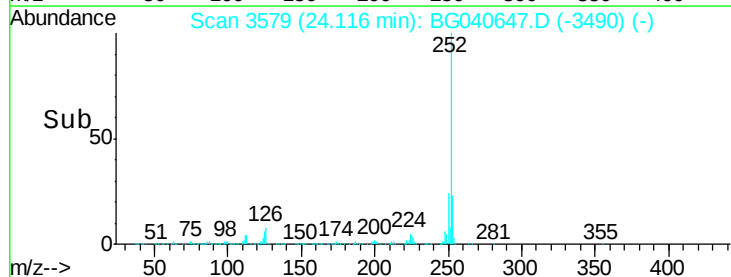
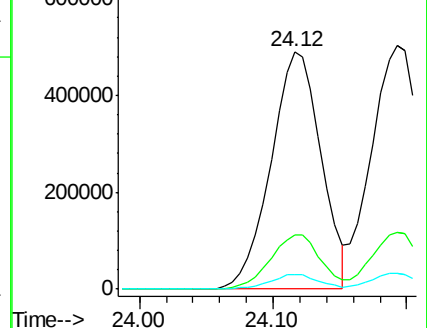
125 6.3 5.4 8.0

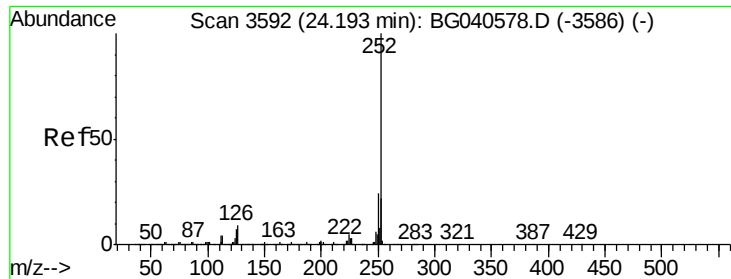


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

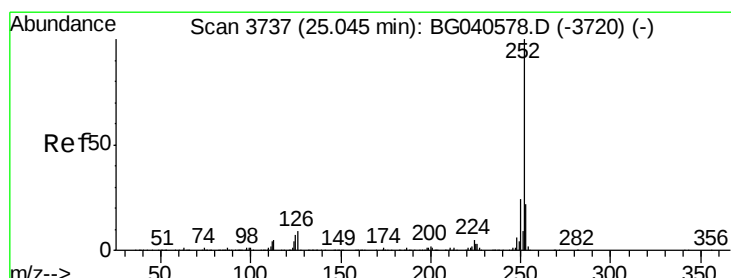
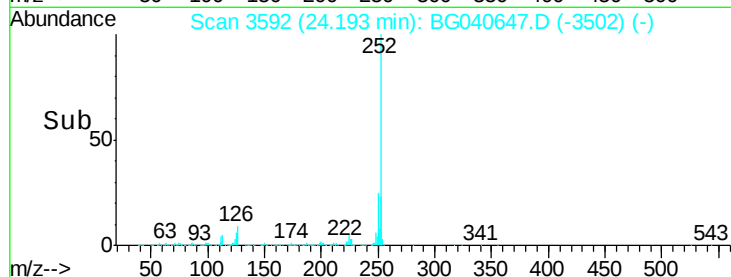
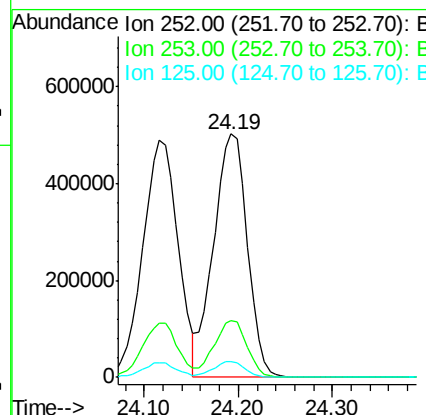
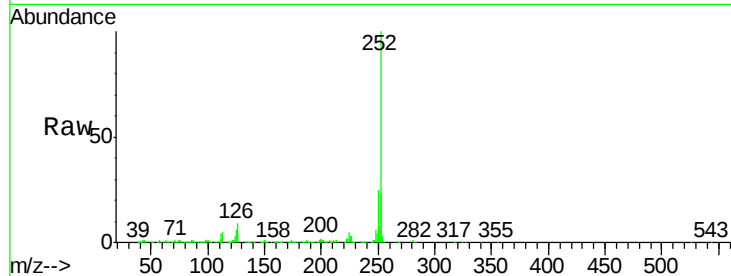




#89
Benzo(k)fluoranthene
Concen: 54.057 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

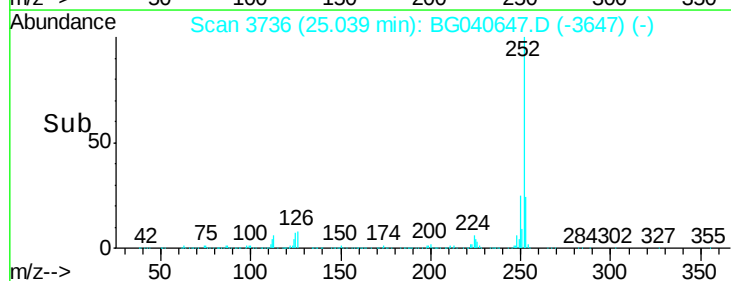
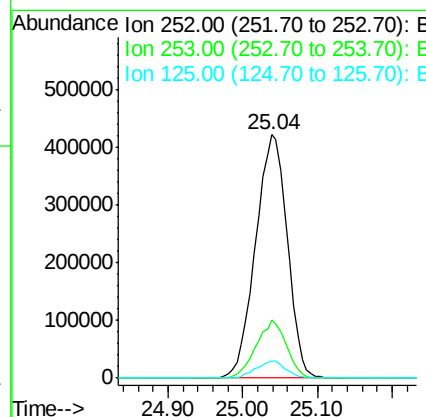
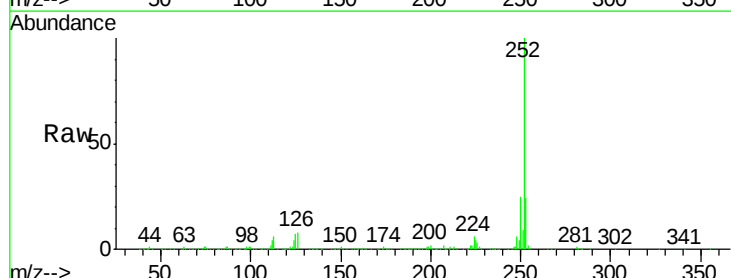
Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1258331
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 6.3 5.5 8.3



#90
Benzo(a)pyrene
Concen: 52.966 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion:252 Resp: 1249691
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 7.2 5.7 8.5

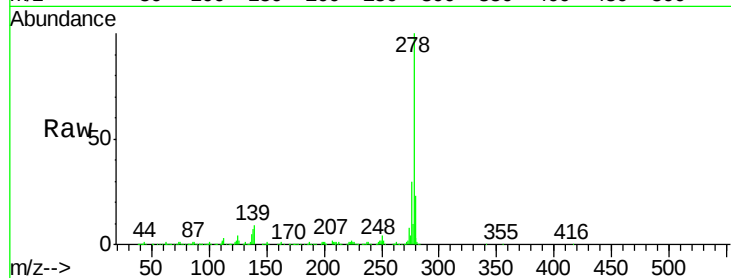




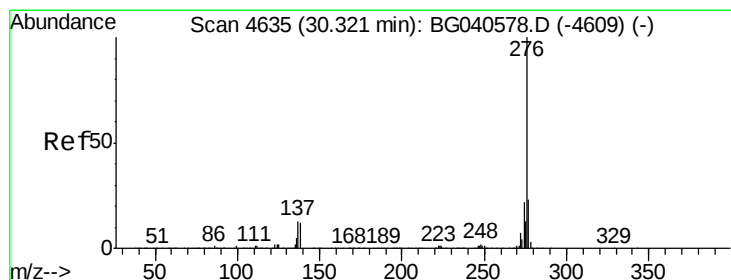
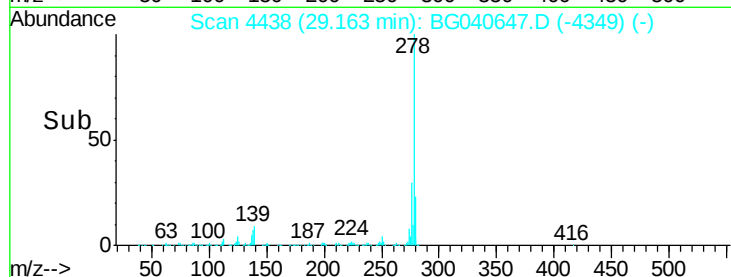
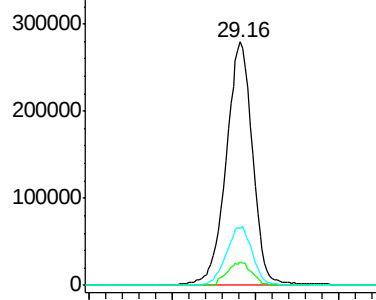
#91
Dibenzo(a,h)anthracene
Concen: 51.643 ng
RT: 29.16 min Scan# 4438
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1233063
Ion Ratio Lower Upper
278 100
139 9.4 8.2 12.4
279 23.1 18.5 27.7

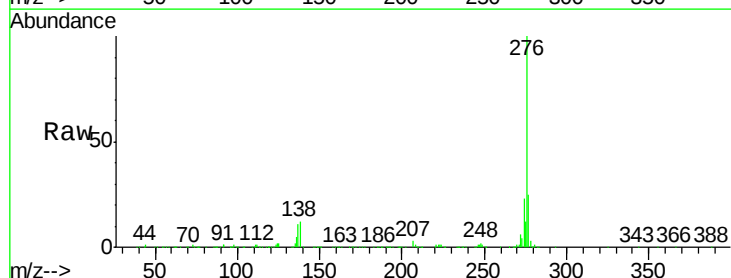


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.326 ng
RT: 30.31 min Scan# 4634
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion:276 Resp: 1243405
Ion Ratio Lower Upper
276 100
277 24.6 18.4 27.6
138 12.3 9.8 14.6



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

