

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041619\
 Data File : BG040524.D
 Acq On : 17 Apr 2019 5:36
 Operator : JU/SJ
 Sample : K2411-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 07:00:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	3173	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	1302	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	1170	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	3128	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	2335	20.00	ng	-0.02
87) Perylene-d12	25.01	264	50	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	210284	1101.73	ng	-0.02
7) Phenol-d6	7.20	99	273867	1038.23	ng	-0.02
23) Nitrobenzene-d5	9.22	82	368024	15024.37	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	69088	5463.81	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	835525	10581.62	ng	-0.03
79) Terphenyl-d14	20.02	244	1435101	13826.46	ng	-0.03
Target Compounds						
4) n-Nitrosodimethylamine	3.92	42	1161	10.387	ng	# 11
9) Benzaldehyde	7.21	77	579	3.200	ng	# 2
15) Benzyl Alcohol	8.36	79	5653	26.610	ng	# 44
19) n-Nitroso-di-n-propylamine	9.22	70	46272	244.663	ng	# 73
22) Acetophenone	8.88	105	631	19.428	ng	# 36
24) Nitrobenzene	9.21	77	1030	40.606	ng	# 39
25) Isophorone	9.52	82	559	11.091	ng	# 67
30) 1,2,4-Trichlorobenzene	10.27	180	54	2.373	ng	# 13
31) Naphthalene	10.91	128	4961	74.337	ng	# 90
33) 4-Chloroaniline	10.95	127	138	4.848	ng	# 45
37) 2-Methylnaphthalene	12.52	142	1545	31.302	ng	# 90
38) 1-Methylnaphthalene	12.74	142	1589	33.200	ng	# 50
46) 1,1'-Biphenyl	13.51	154	1280	13.846	ng	# 67
48) 2-Nitroaniline	13.62	65	61	2.550	ng	# 4
49) Acenaphthylene	14.74	152	707	5.880	ng	# 1
51) 2,6-Dinitrotoluene	14.67	165	139	6.761	ng	# 24
52) Acenaphthene	14.74	154	1250	18.144	ng	# 71
53) 3-Nitroaniline	14.77	138	59	2.711	ng	# 2
55) Dibenzofuran	15.10	168	389	3.514	ng	# 47
56) 4-Nitrophenol	15.09	139	57	3.245	ng	# 5
57) 2,4-Dinitrotoluene	14.67	165	139	4.865	ng	# 24
58) Fluorene	15.73	166	826	9.490	ng	# 85
60) Diethylphthalate	15.47	149	549	5.859	ng	# 57
62) 4-Nitroaniline	15.95	138	71	3.040	ng	# 17
66) n-Nitrosodiphenylamine	16.17	169	2409	26.318	ng	# 39
67) 4-Bromophenyl-phenylether	16.25	248	270	7.670	ng	# 1
71) Phenanthrene	17.48	178	2361	14.360	ng	# 95
72) Anthracene	17.57	178	420	2.552	ng	# 59
74) Di-n-butylphthalate	18.36	149	2022	10.953	ng	# 77
75) Fluoranthene	19.49	202	459	2.358	ng	# 63
77) Benzidine	20.02	184	23998	284.608	ng	# 93
81) Benzo(a)anthracene	22.12	228	340	2.364	ng	# 51
83) Chrysene	22.12	228	340	2.460	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.54	149	1399	14.895	ng	# 50

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QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

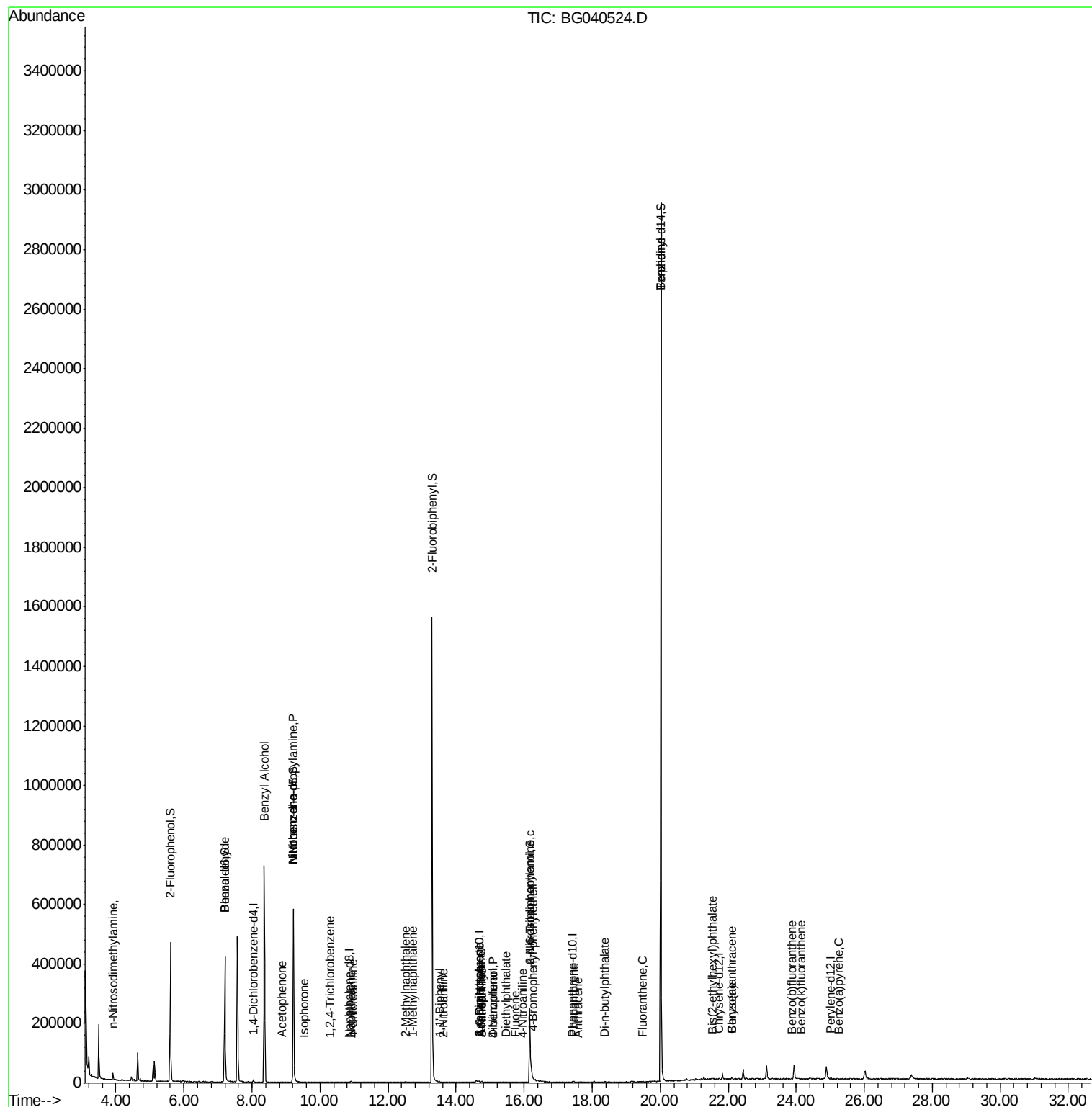
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(b)fluoranthene	23.89	252	70	22.867	ng	# 60
89) Benzo(k)fluoranthene	24.13	252	57	20.248	ng	# 59
90) Benzo(a)pyrene	25.24	252	62	21.586	ng	# 59

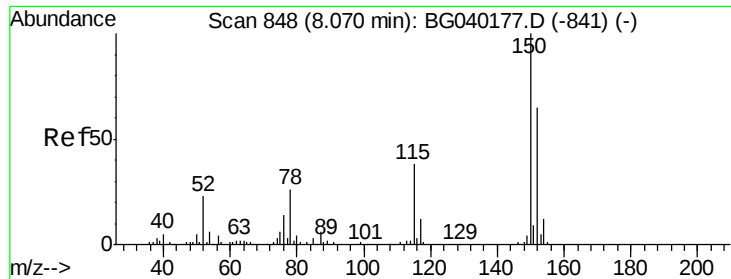
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

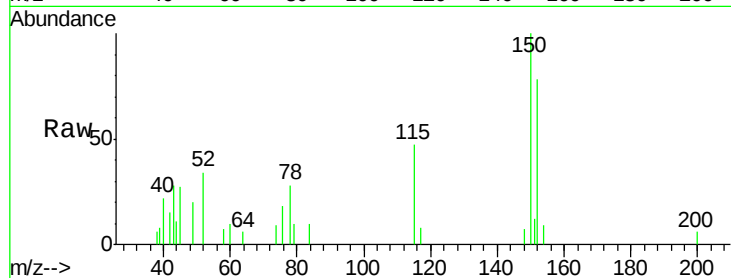
Tot Ion:152 Resp: 3173

Ion Ratio Lower Upper

152 100

150 128.1 123.7 185.5

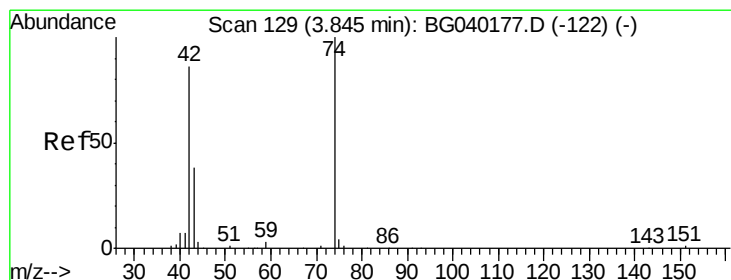
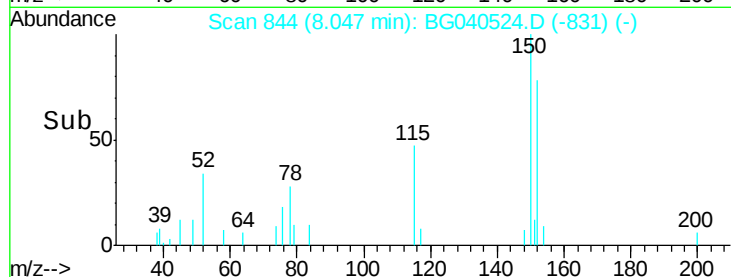
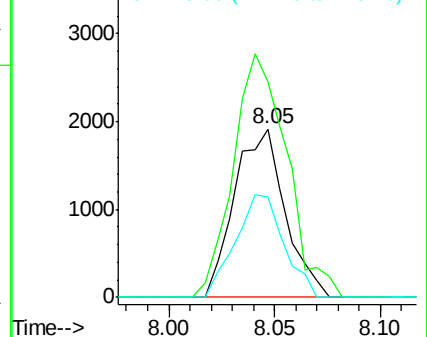
115 59.9 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine

Concen: 10.387 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.07 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

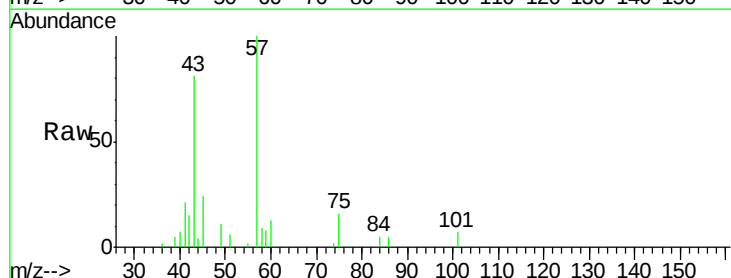
Tgt Ion: 42 Resp: 1161

Ion Ratio Lower Upper

42 100

74 13.9 92.9 139.3#

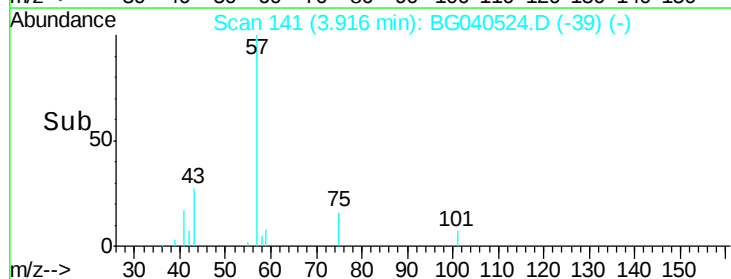
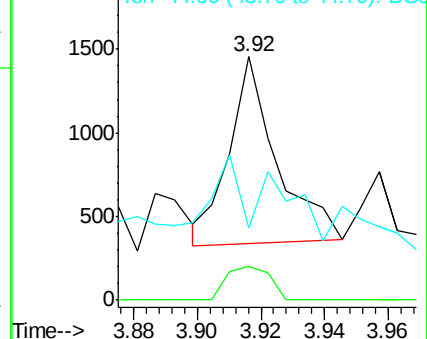
44 29.7 9.7 14.5#

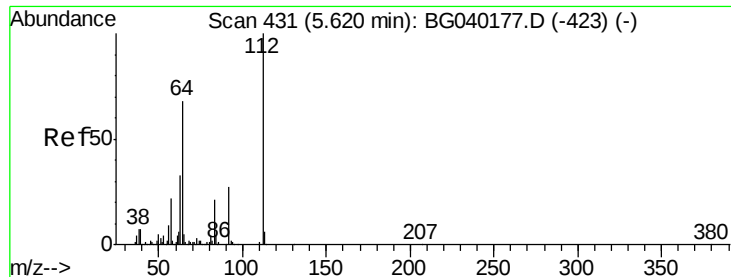


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 1101.729 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040524.D

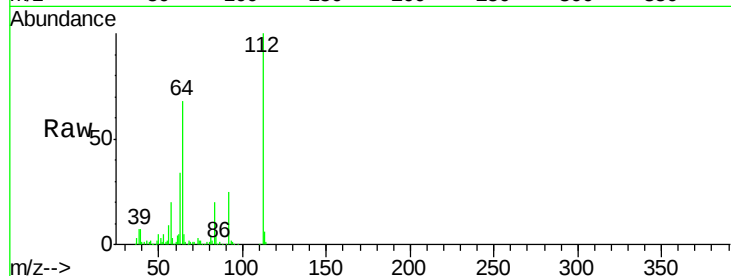
Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

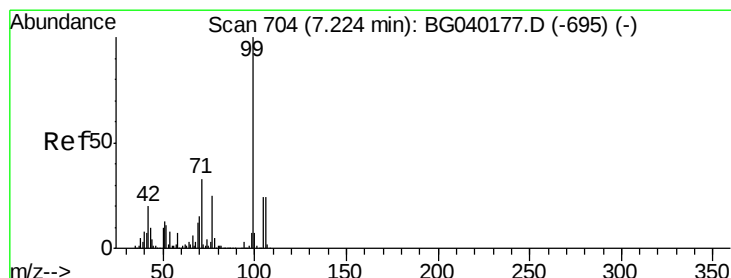
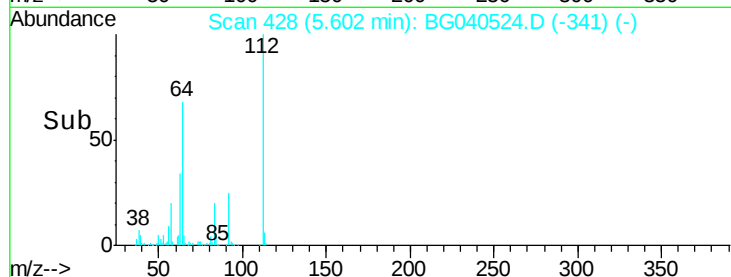
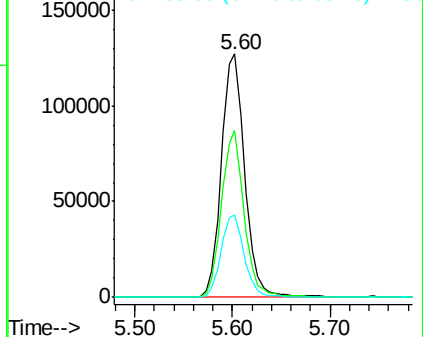
Tot Ion:	112	Resp:	210284
Ion	Ratio	Lower	Upper
112	100		
64	68.3	54.2	81.2
63	34.1	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 1038.234 ng

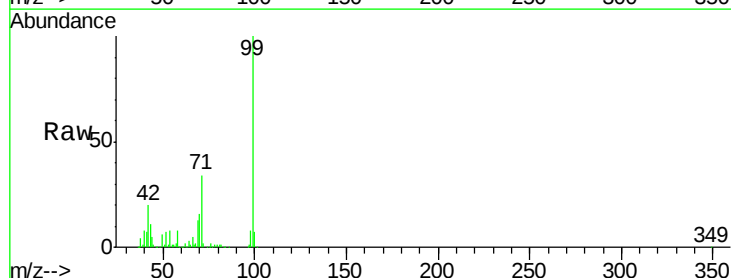
RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

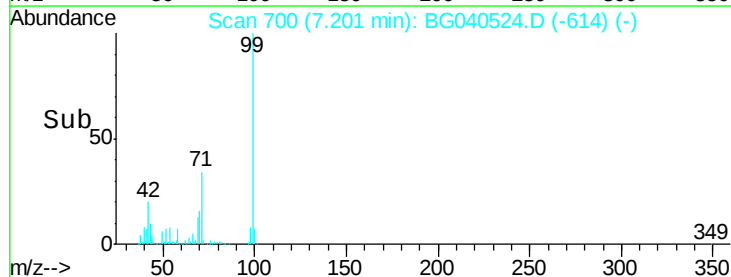
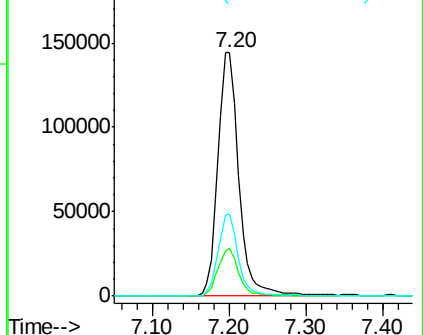
Tgt Ion:	99	Resp:	273867
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	33.6	26.8	40.2

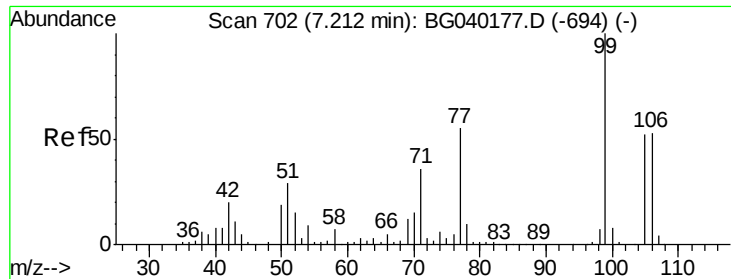


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 3.200 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampled :

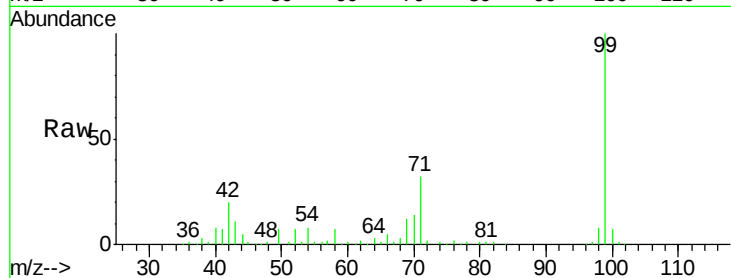
Tot Ion: 77 Resp: 579

Ion Ratio Lower Upper

77 100

105 0.0 75.0 115.0#

106 0.0 75.7 115.7#



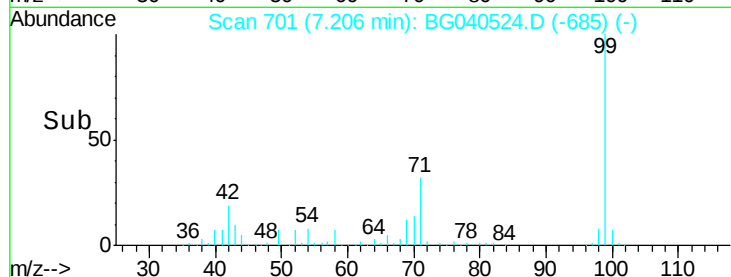
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

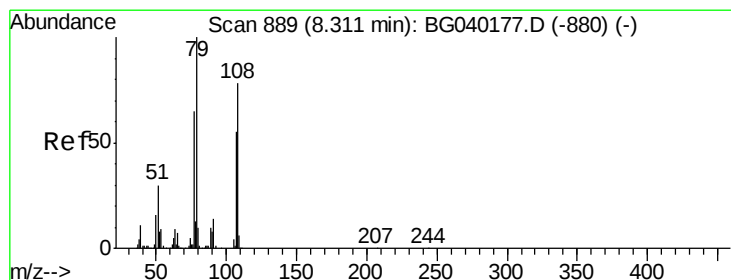
Ion 106.00 (105.70 to 106.70): BGC

7.21

7.16 7.18 7.20 7.22 7.24



Time-->



#15

Benzyl Alcohol

Concen: 26.610 ng

RT: 8.36 min Scan# 898

Delta R.T. 0.05 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

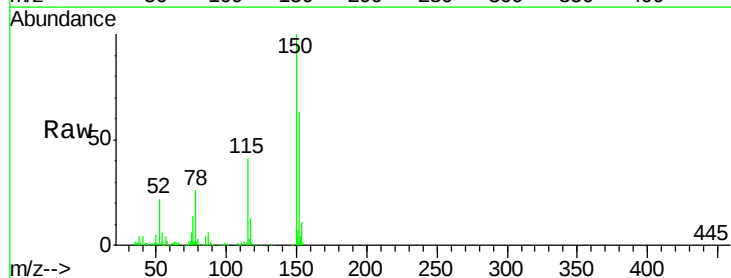
Tgt Ion: 79 Resp: 5653

Ion Ratio Lower Upper

79 100

108 27.6 62.1 93.1#

77 106.9 51.9 77.9#



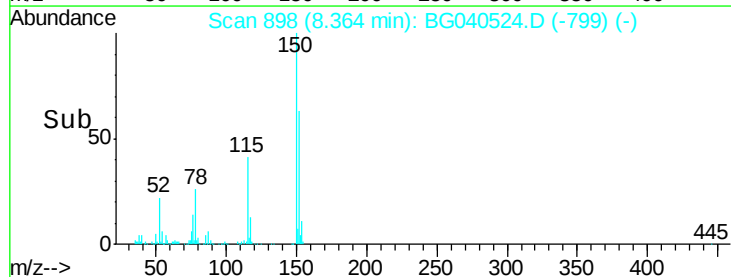
Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

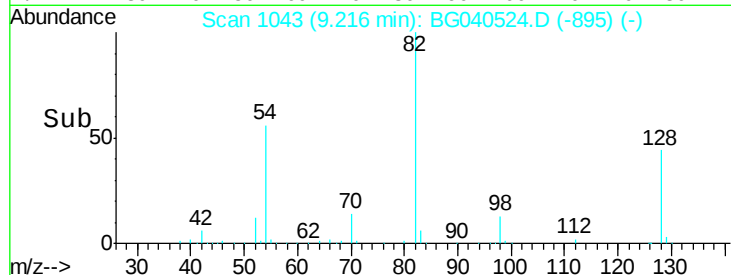
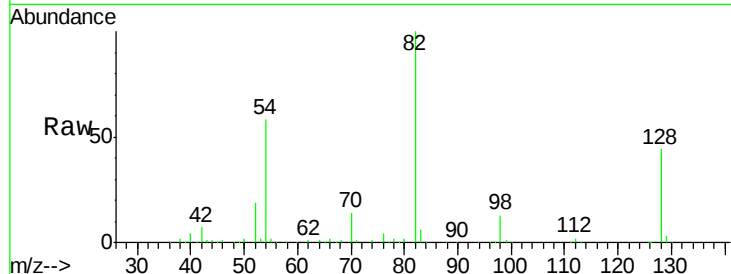
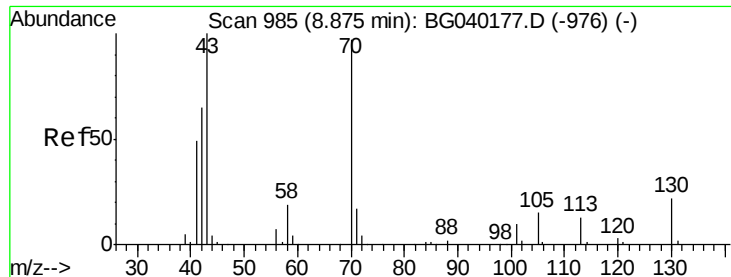
Ion 77.00 (76.70 to 77.70): BGC

8.36

8.30 8.35 8.40



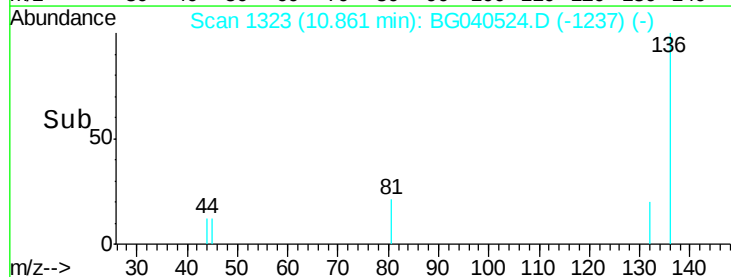
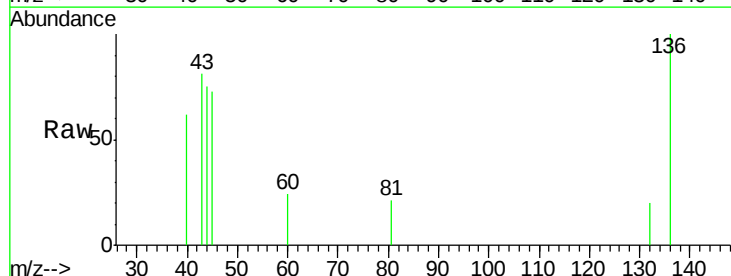
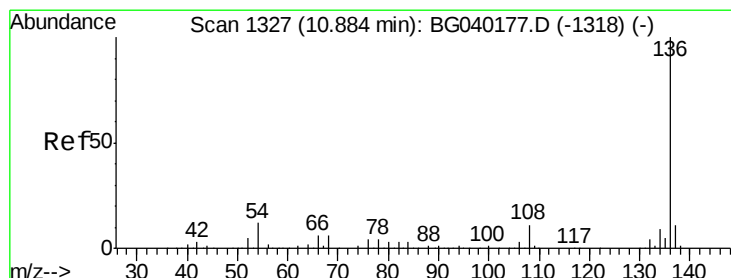
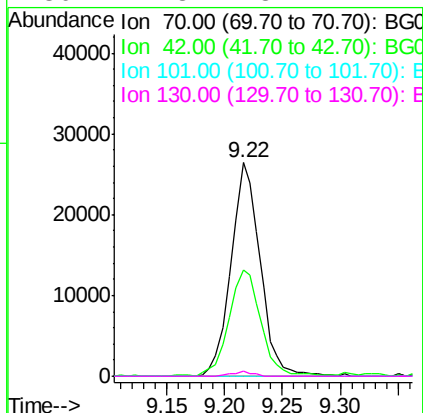
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 244.663 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

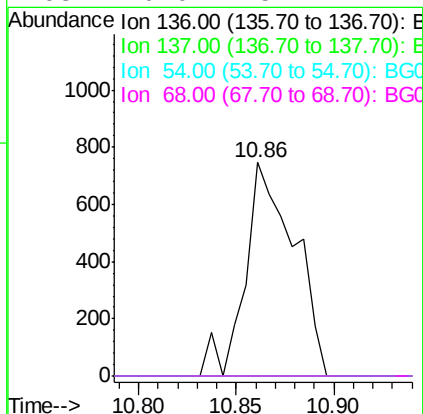
Instrument :
BNA_G
ClientSampleId :

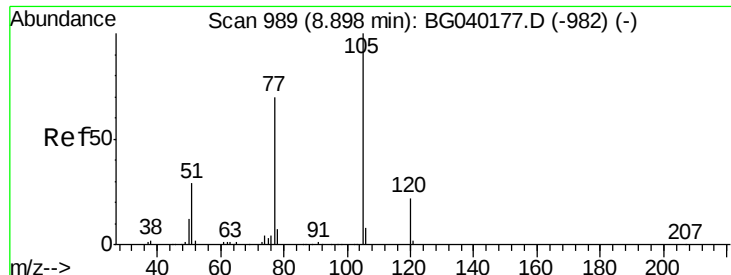
Tot Ion: 70 Resp: 46272
Ion Ratio Lower Upper
70 100
42 49.7 54.0 81.0#
101 0.0 8.6 13.0#
130 2.3 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Tgt Ion: 136 Resp: 1302
Ion Ratio Lower Upper
136 100
137 0.0 8.9 13.3#
54 0.0 9.6 14.4#
68 0.0 5.1 7.7#





#22

Acetophenone

Concen: 19.428 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

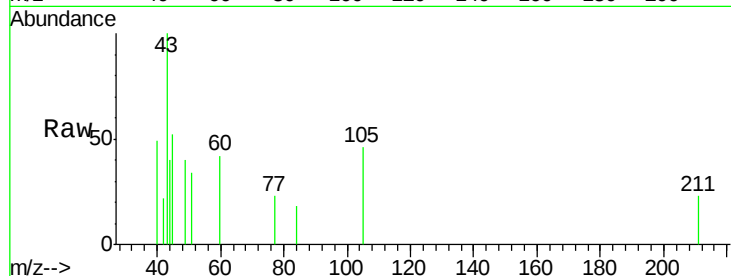
Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampled :



Tot Ion:105 Resp: 631

Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 74.5 25.1 37.7#

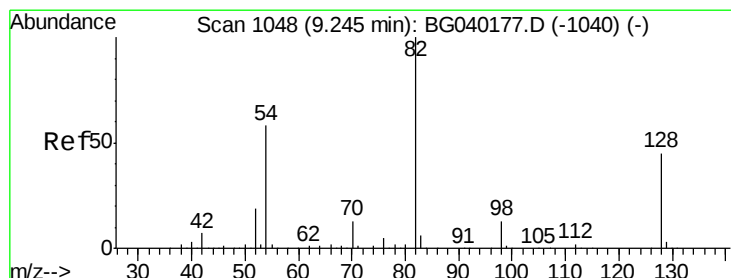
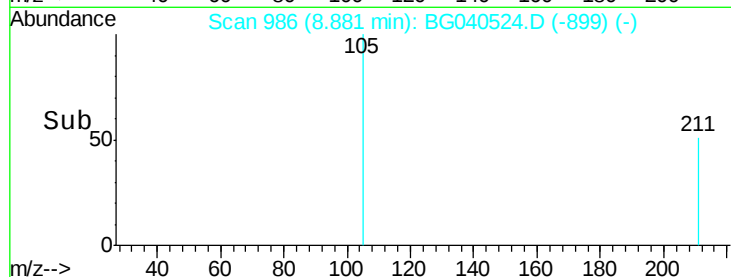
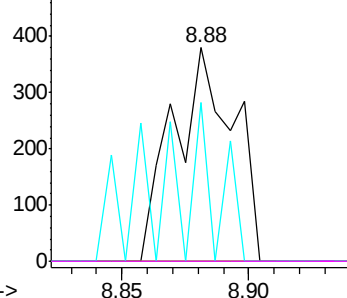
120 0.0 17.6 26.4#

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 15024.366 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Tgt Ion: 82 Resp: 368024

Ion Ratio Lower Upper

82 100

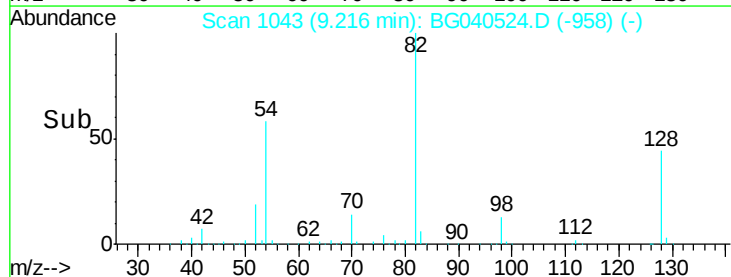
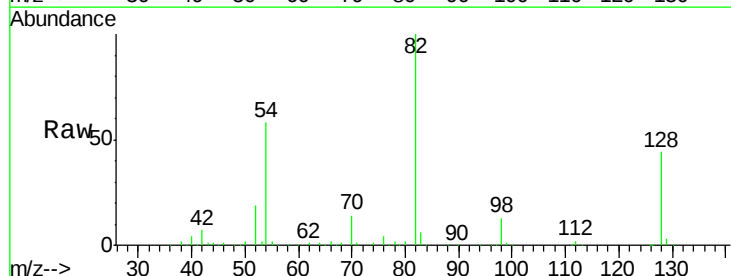
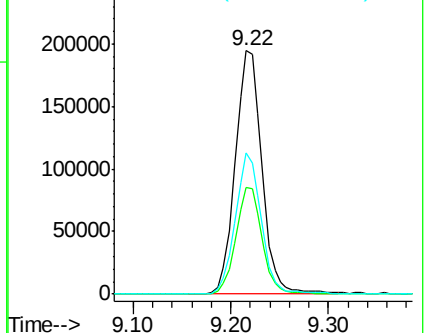
128 43.7 35.8 53.8

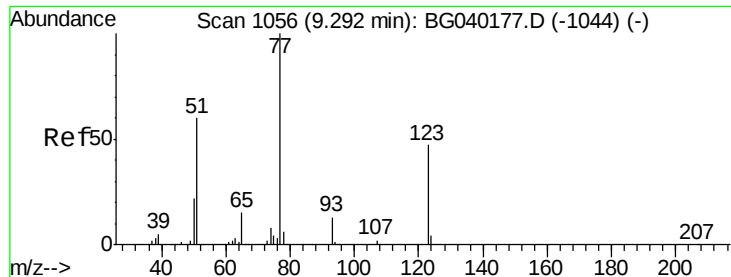
54 58.0 46.2 69.2

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 40.606 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.08 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

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ClientSampleId :

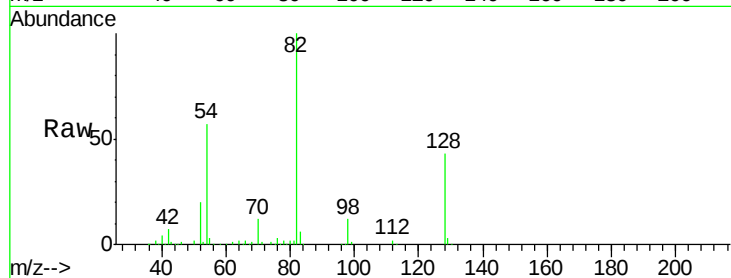
Tot Ion: 77 Resp: 1030

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.6#

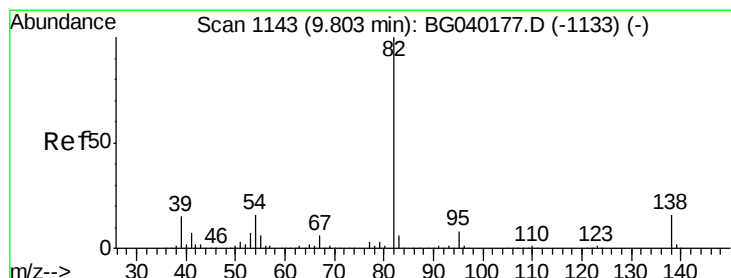
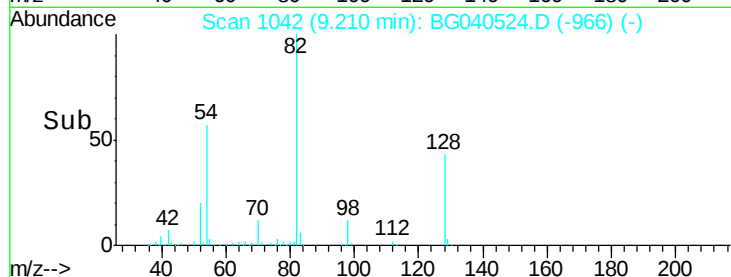
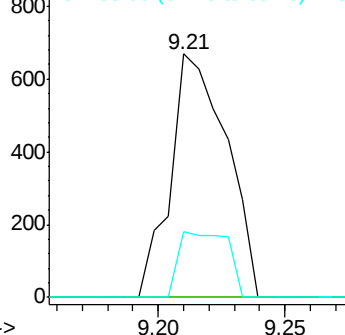
65 27.1 12.0 18.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 11.091 ng

RT: 9.52 min Scan# 1094

Delta R.T. -0.29 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

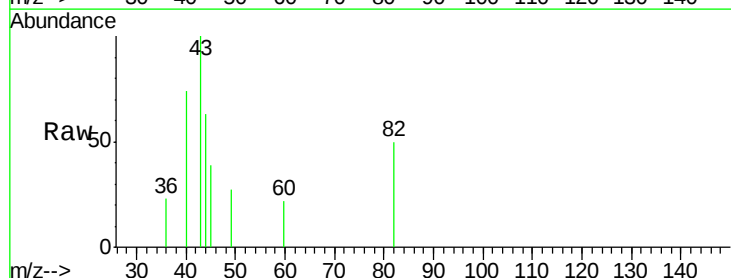
Tgt Ion: 82 Resp: 559

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

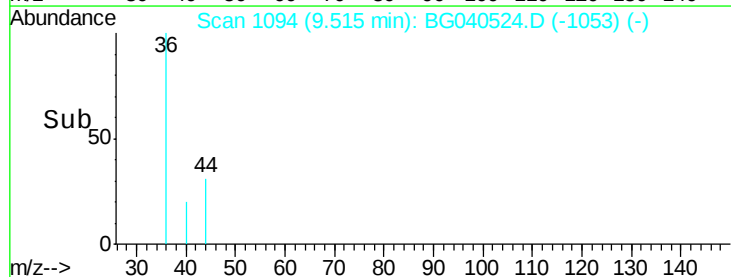
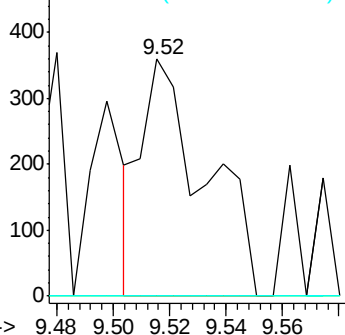
138 0.0 13.2 19.8#

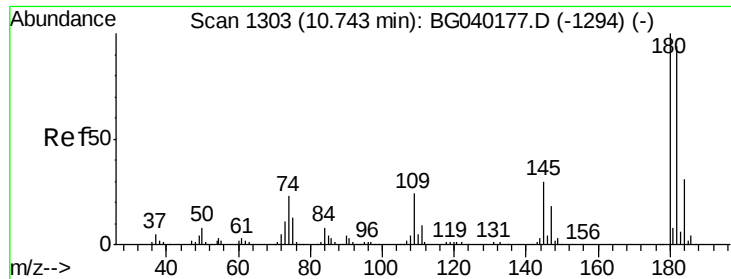


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC

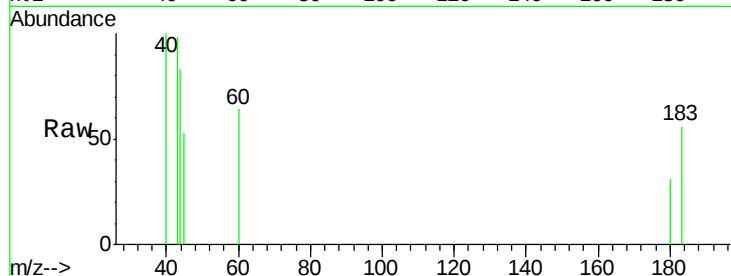




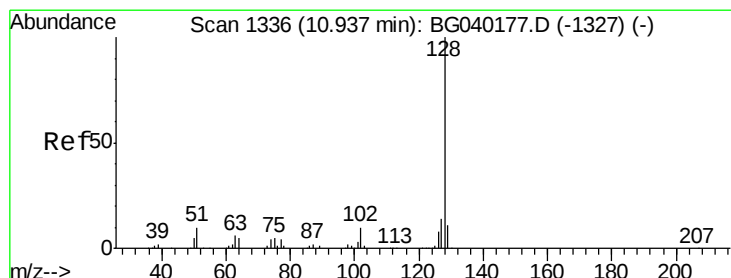
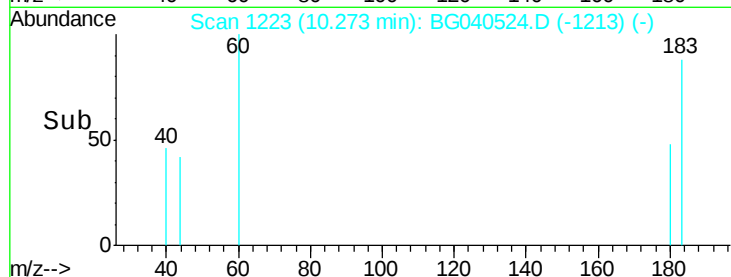
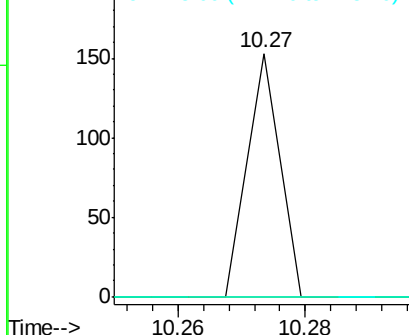
#30
 1,2,4-Trichlorobenzene
 Concen: 2.373 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.47 min
 Lab File: BG040524.D
 Acq: 17 Apr 2019 5:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:180 Resp: 54
 Ion Ratio Lower Upper
 180 100
 182 0.0 75.1 112.7#
 145 0.0 24.1 36.1#

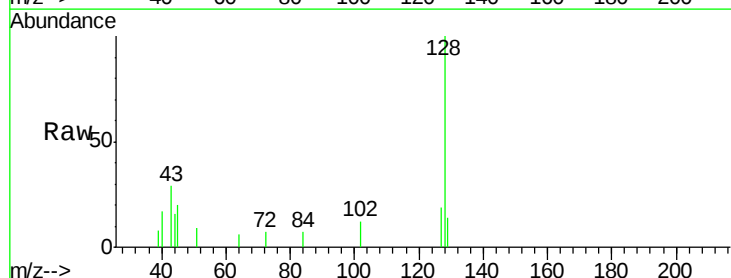


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

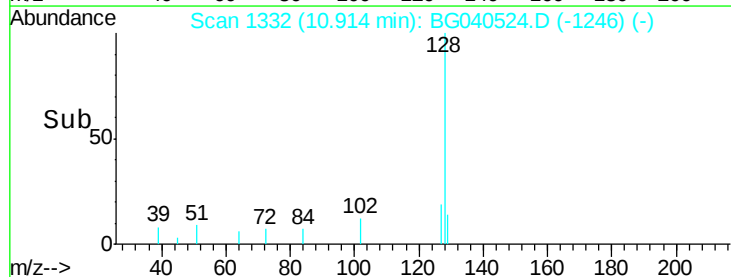
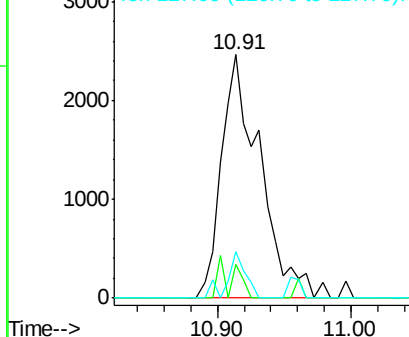


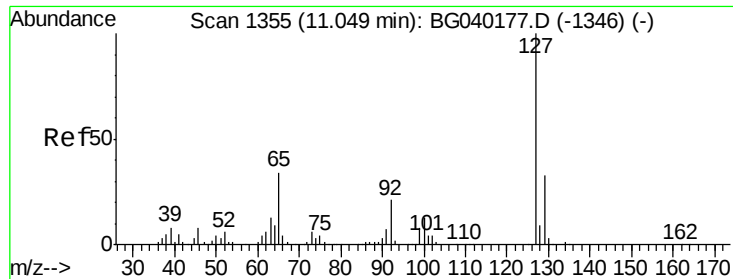
#31
 Naphthalene
 Concen: 74.337 ng
 RT: 10.91 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BG040524.D
 Acq: 17 Apr 2019 5:36

Tgt Ion:128 Resp: 4961
 Ion Ratio Lower Upper
 128 100
 129 14.0 8.9 13.3#
 127 18.8 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

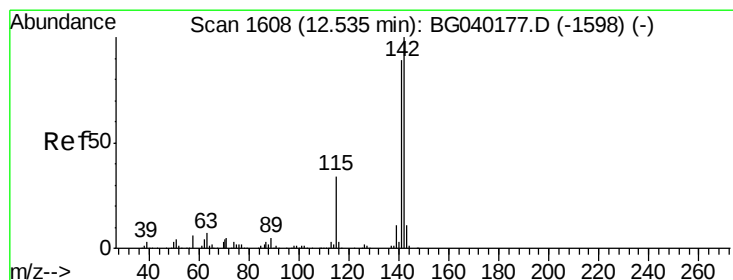
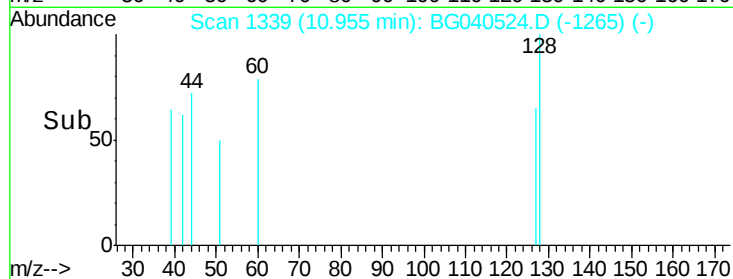
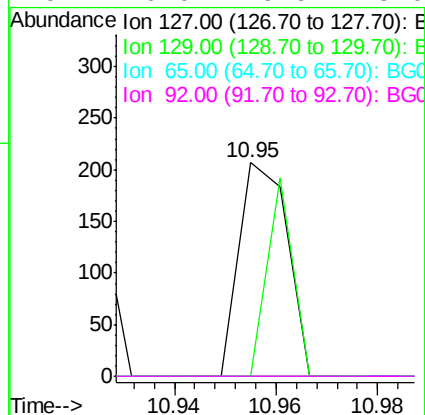
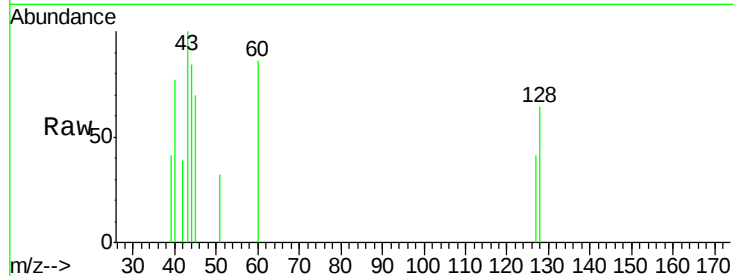




#33
4-Chloroaniline
Concen: 4.848 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.09 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

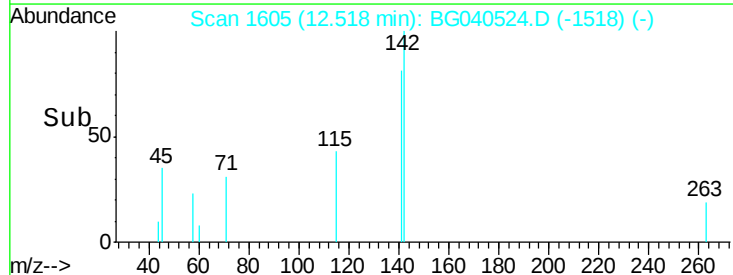
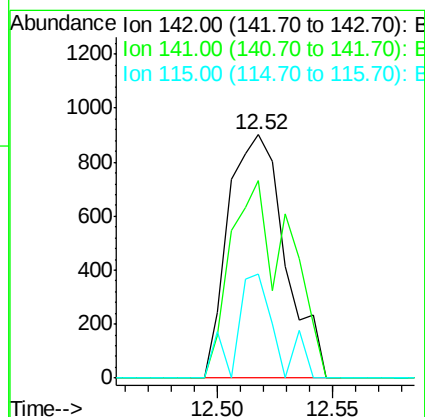
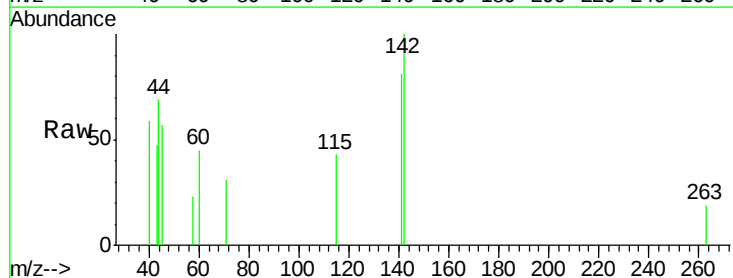
Instrument :
BNA_G
ClientSampleId :

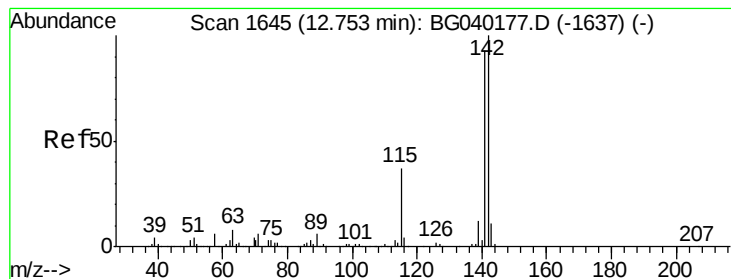
Tot Ion:	127	Resp:	138
Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	40.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#



#37
2-Methylnaphthalene
Concen: 31.302 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Tgt Ion:	142	Resp:	1545
Ion	Ratio	Lower	Upper
142	100		
141	81.0	71.0	106.6
115	42.6	27.3	40.9#





#38

1-Methylnaphthalene

Concen: 33.200 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

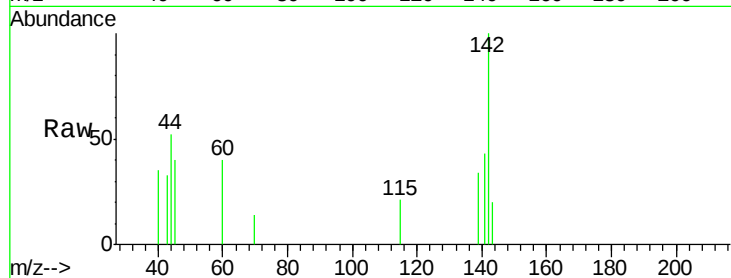
Tot Ion:142 Resp: 1589

Ion Ratio Lower Upper

142 100

141 43.2 74.2 111.4#

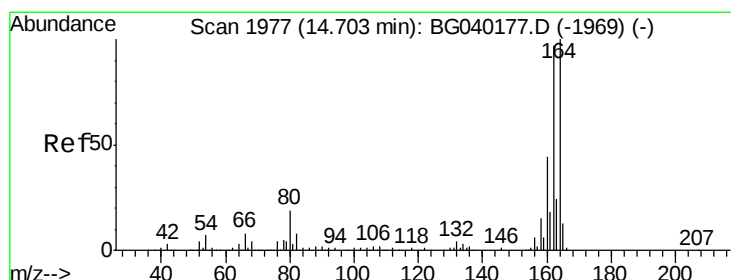
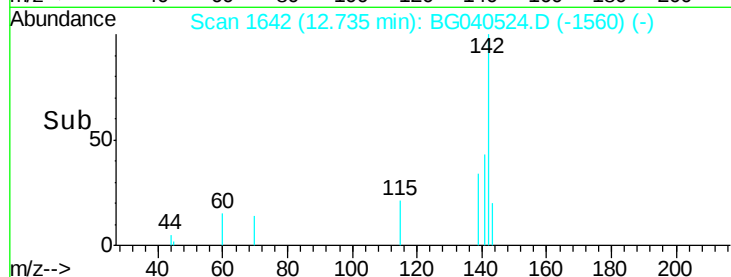
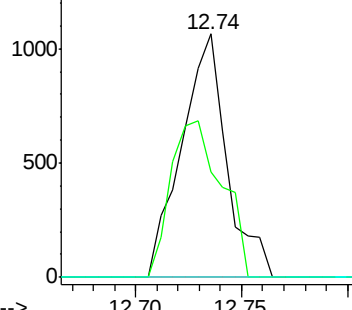
116 0.0 3.0 4.4#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

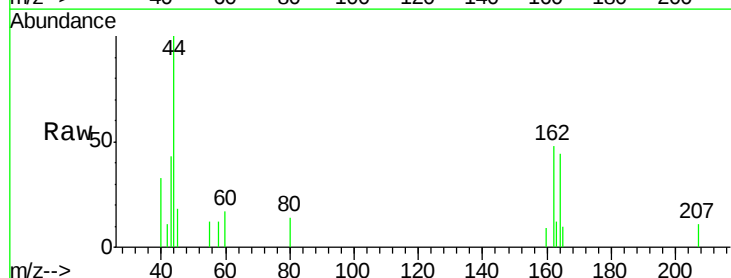
Tgt Ion:164 Resp: 1170

Ion Ratio Lower Upper

164 100

162 107.9 77.4 116.2

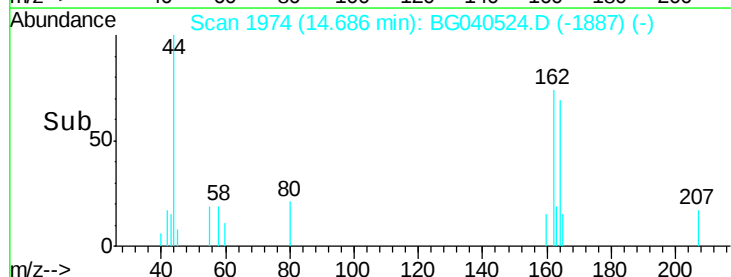
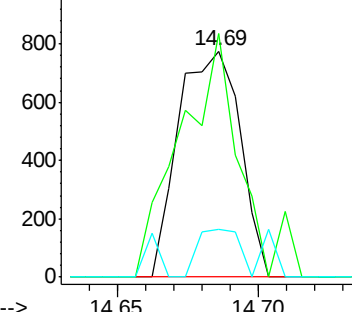
160 21.1 35.3 52.9#

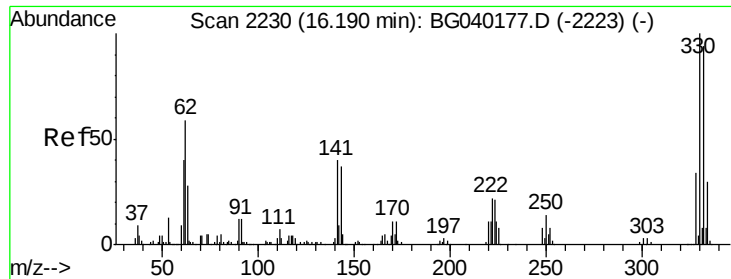


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

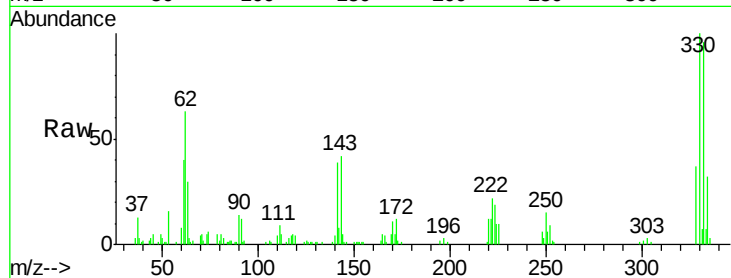




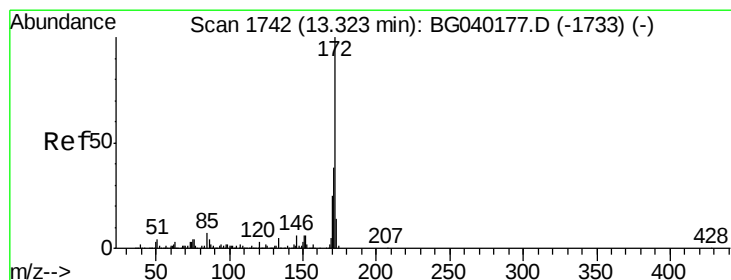
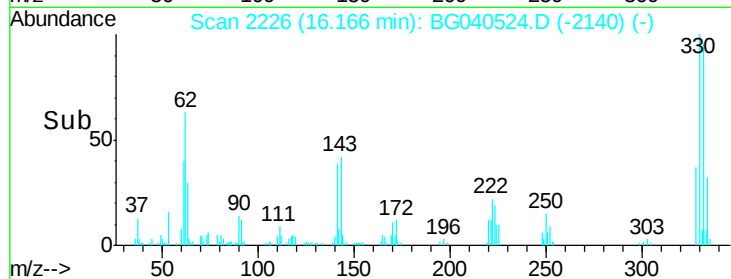
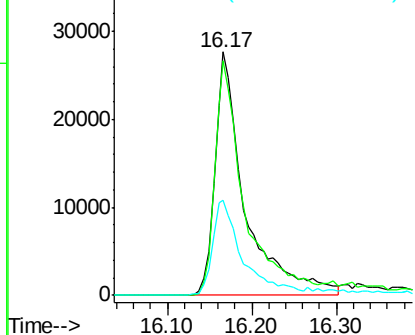
#42
 2,4,6-Tribromophenol
 Concen: 5463.812 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040524.D
 Acq: 17 Apr 2019 5:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	39.2	32.6	48.8

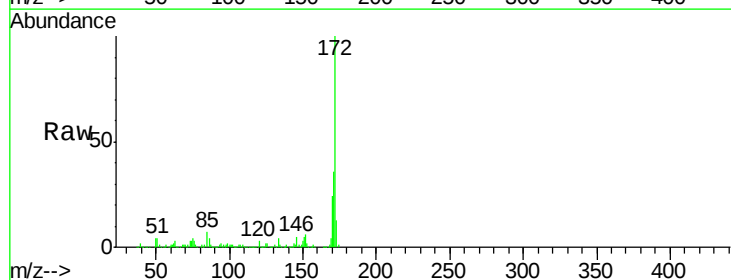


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

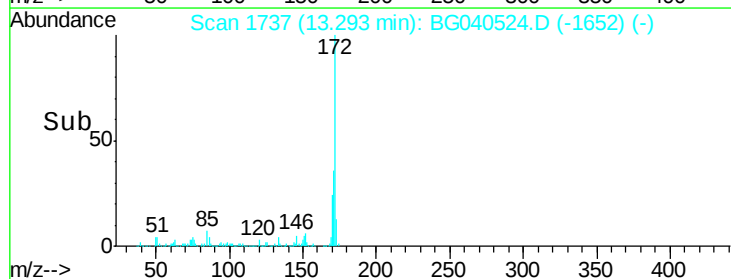
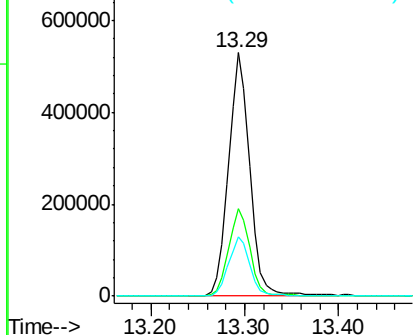


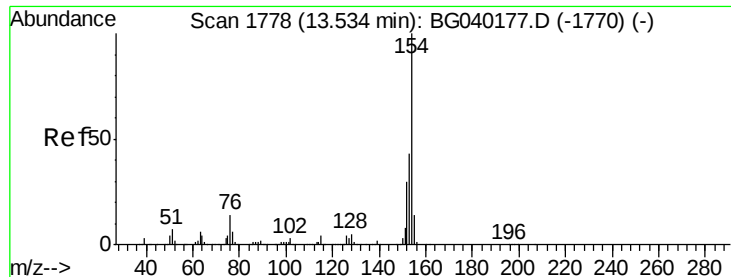
#45
 2-Fluorobiphenyl
 Concen: 10581.621 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.03 min
 Lab File: BG040524.D
 Acq: 17 Apr 2019 5:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	24.1	20.1	30.1



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: 13.846 ng

RT: 13.51 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BG040524.D

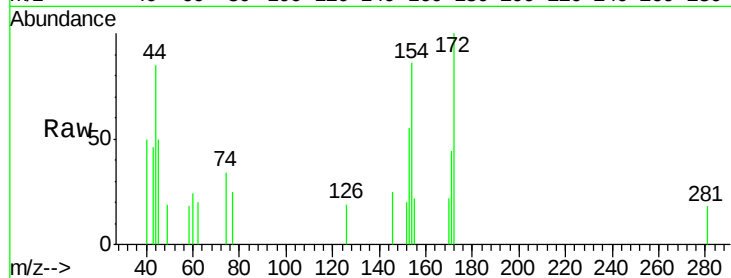
Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

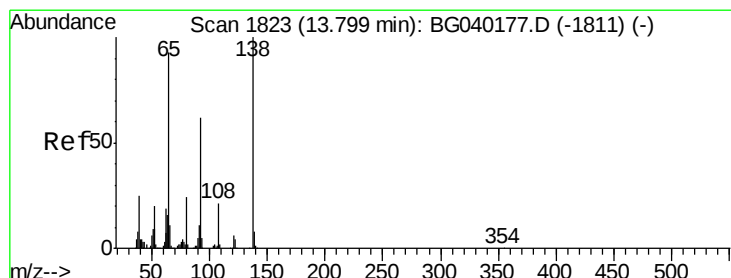
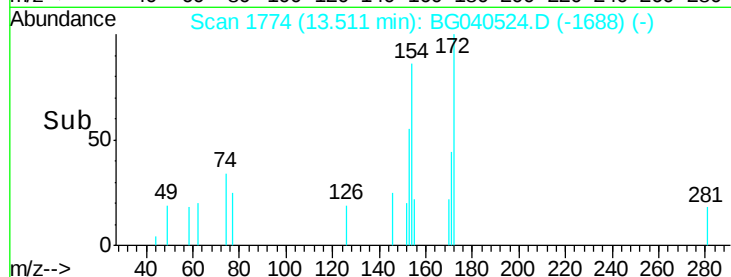
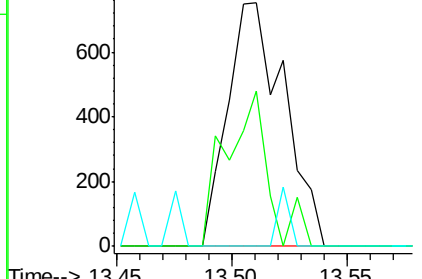
Tot Ion:	154	Resp:	1280
Ion	Ratio	Lower	Upper
154	100		
153	63.6	22.5	62.5#
76	0.0	0.0	33.7



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): BGC



#48

2-Nitroaniline

Concen: 2.550 ng

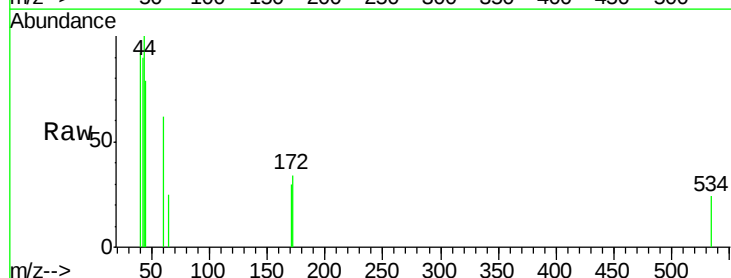
RT: 13.62 min Scan# 1792

Delta R.T. -0.18 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

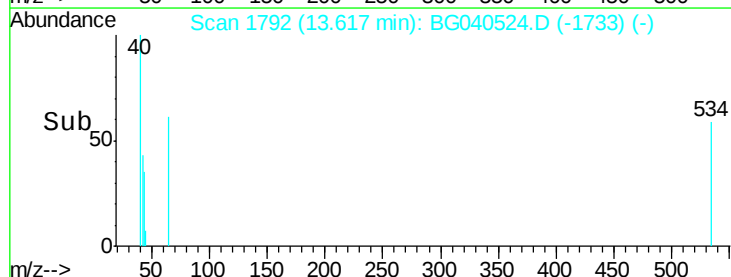
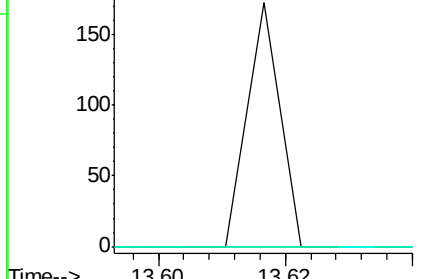
Tgt Ion:	65	Resp:	61
Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.8	80.6#
138	0.0	86.3	129.5#

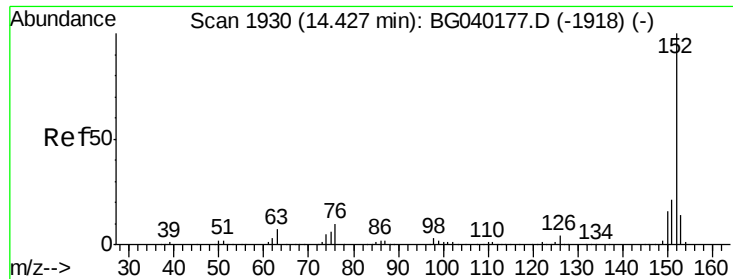


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.880 ng

RT: 14.74 min Scan# 1984

Delta R.T. 0.32 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampled :

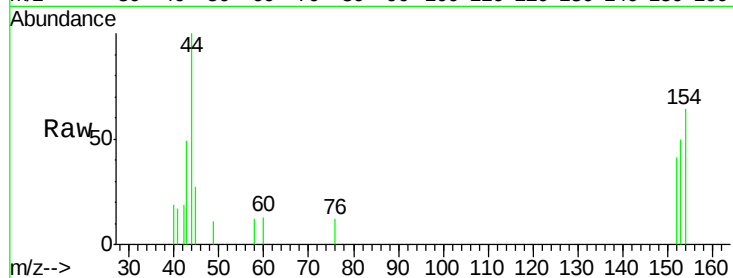
Tot Ion:152 Resp: 707

Ion Ratio Lower Upper

152 100

151 0.0 17.0 25.6#

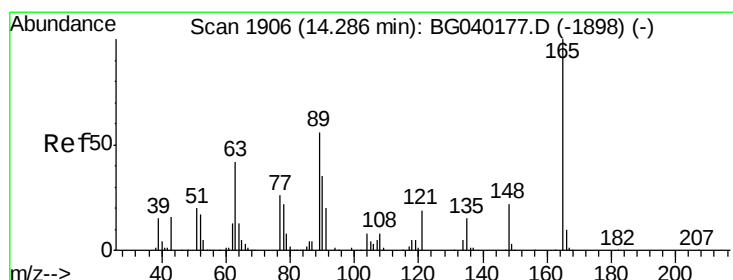
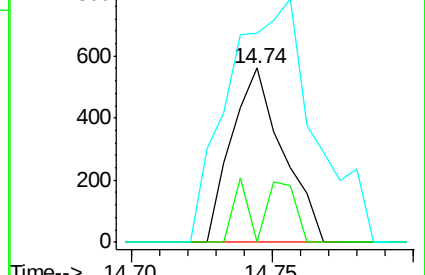
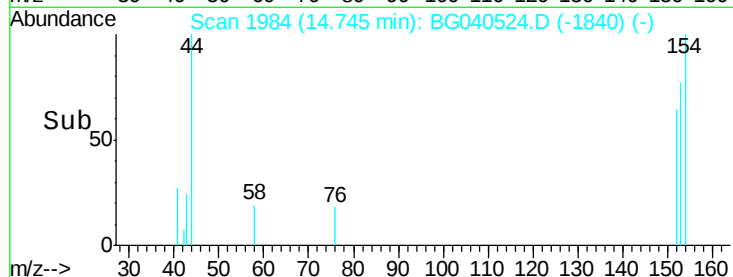
153 120.3 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

2,6-Dinitrotoluene

Concen: 6.761 ng

RT: 14.67 min Scan# 1972

Delta R.T. 0.39 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

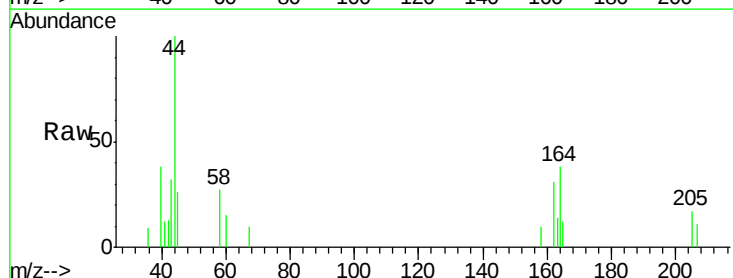
Tgt Ion:165 Resp: 139

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

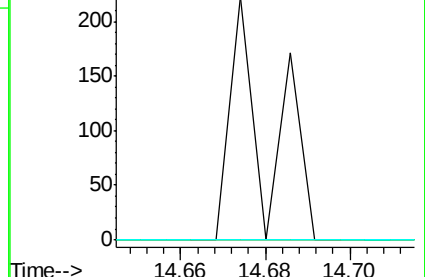
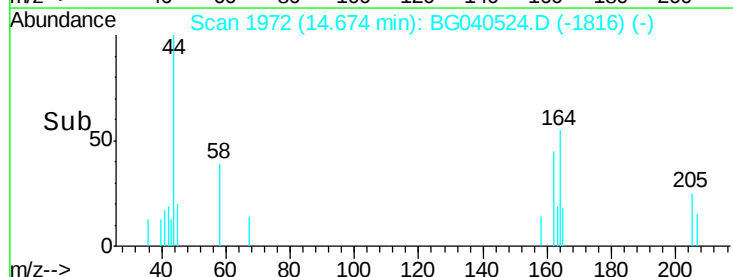
89 0.0 44.9 67.3#

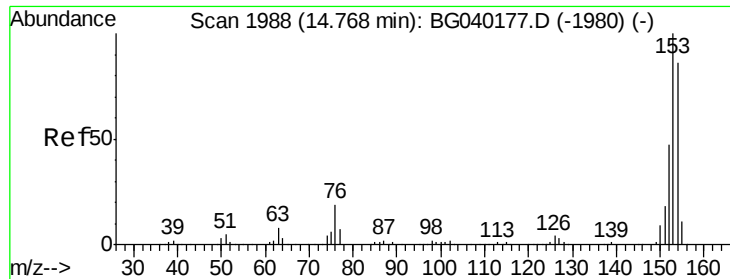


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 18.144 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

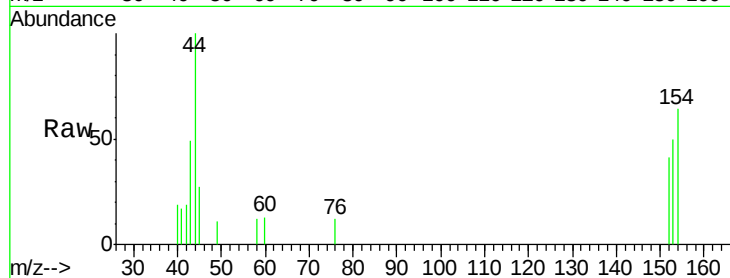
Tot Ion:154 Resp: 1250

Ion Ratio Lower Upper

154 100

153 77.6 92.8 139.2#

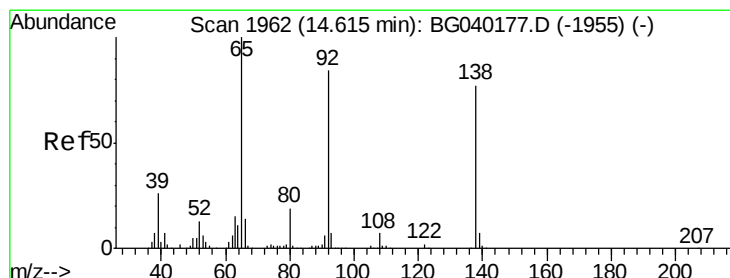
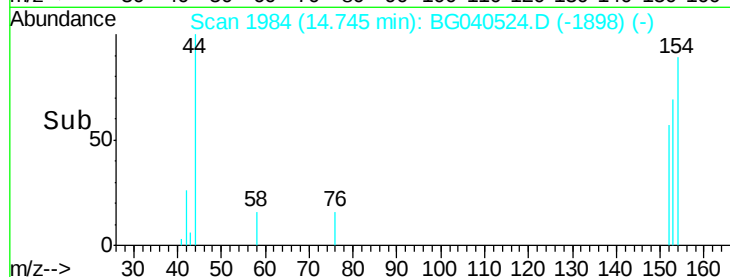
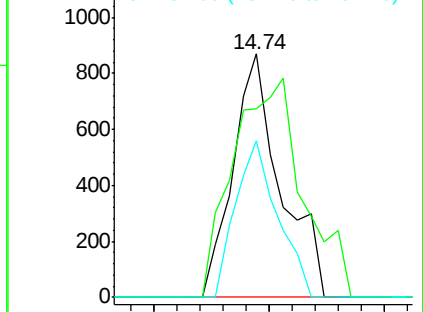
152 64.5 43.4 65.2



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: 2.711 ng

RT: 14.77 min Scan# 1988

Delta R.T. 0.15 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

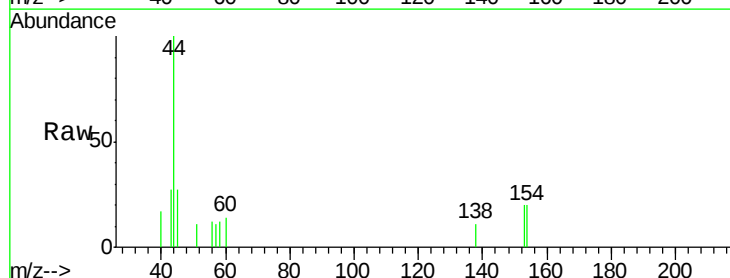
Tgt Ion:138 Resp: 59

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.8#

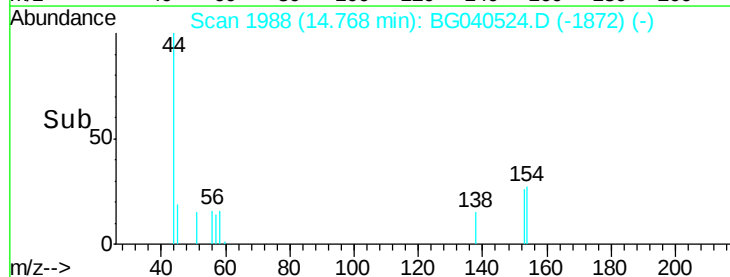
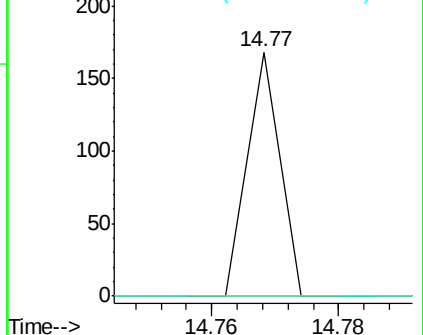
92 0.0 87.5 131.3#

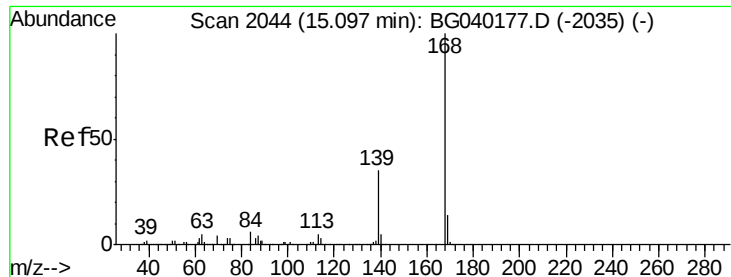


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#55

Dibenzenofuran

Concen: 3.514 ng

RT: 15.10 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

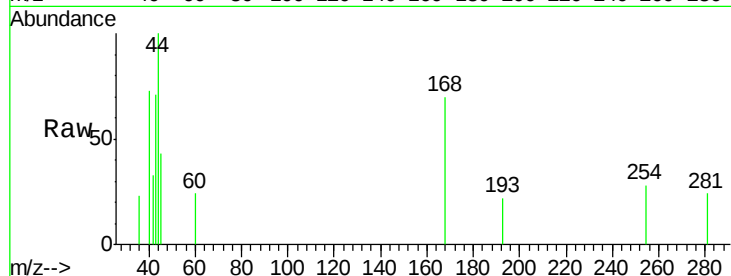
Tot Ion:168 Resp: 389

Ion Ratio Lower Upper

168 100

139 0.0 27.9 41.9#

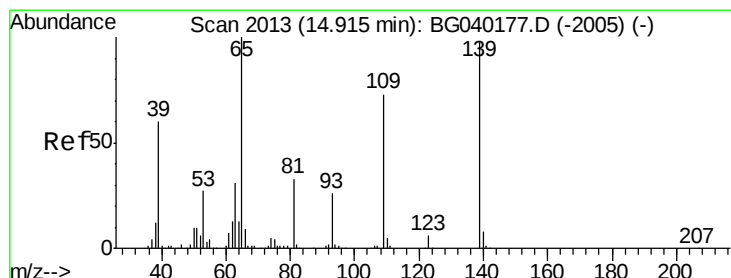
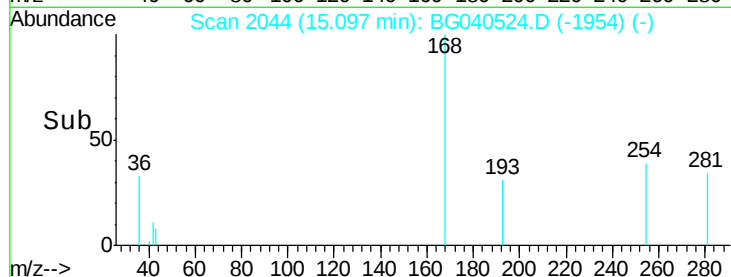
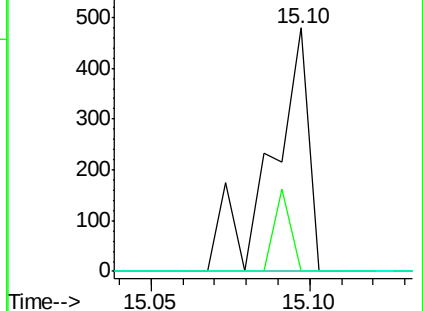
169 0.0 11.3 16.9#



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: 3.245 ng

RT: 15.09 min Scan# 2043

Delta R.T. 0.18 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

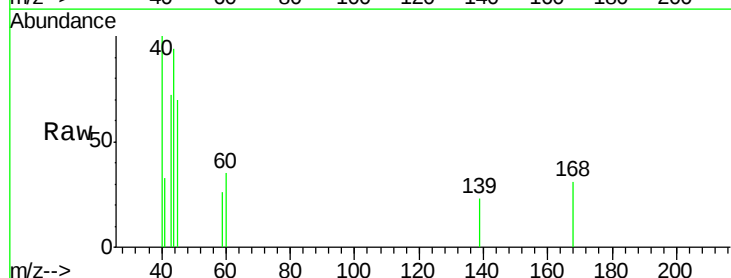
Tgt Ion:139 Resp: 57

Ion Ratio Lower Upper

139 100

109 0.0 54.3 94.3#

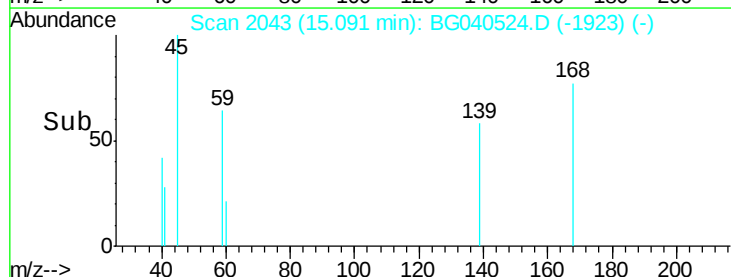
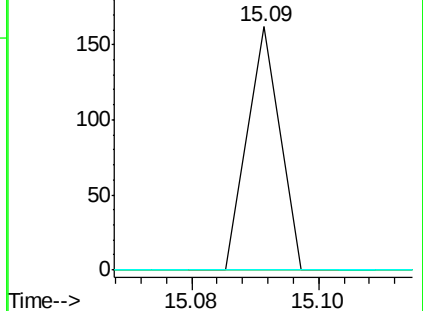
65 0.0 82.5 122.5#

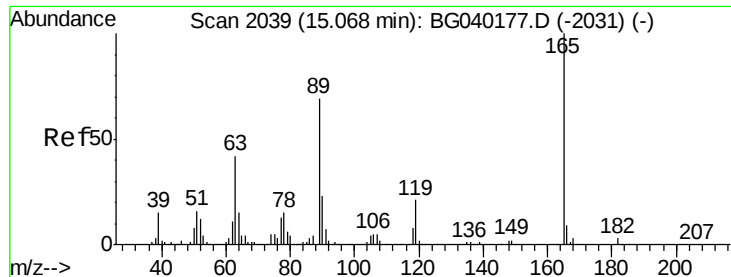


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

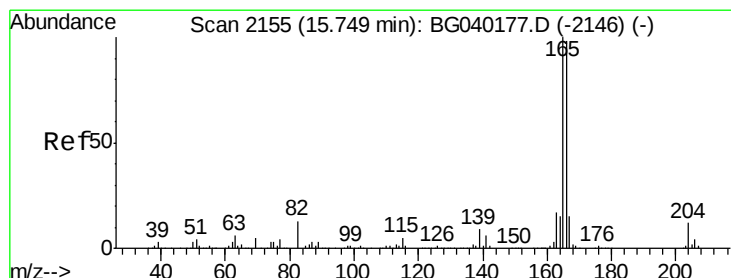
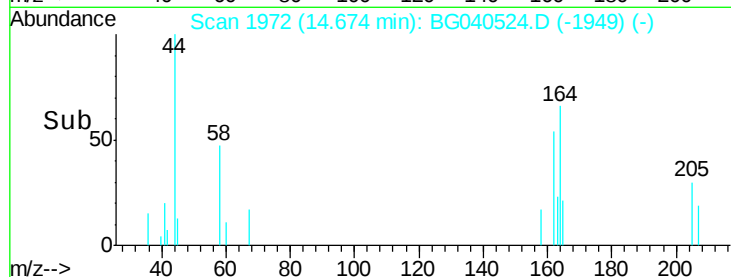
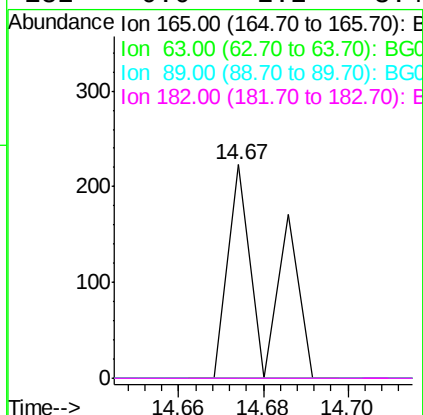
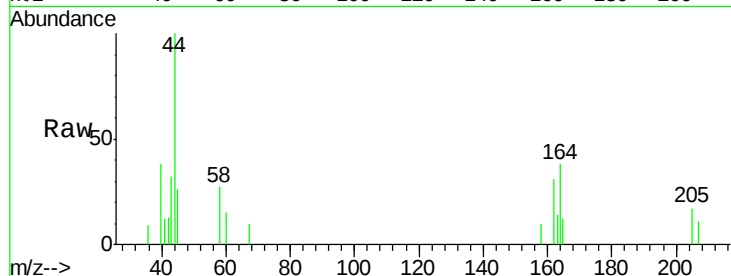




#57
 2,4-Dinitrotoluene
 Concen: 4.865 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040524.D
 Acq: 17 Apr 2019 5:36

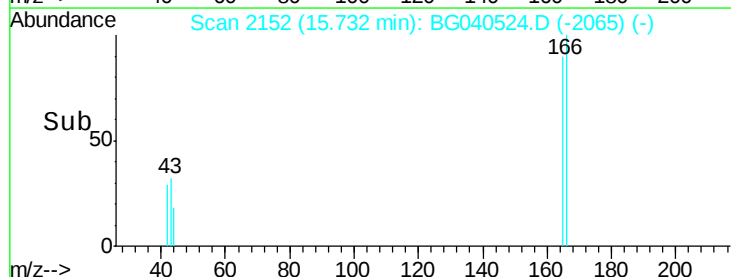
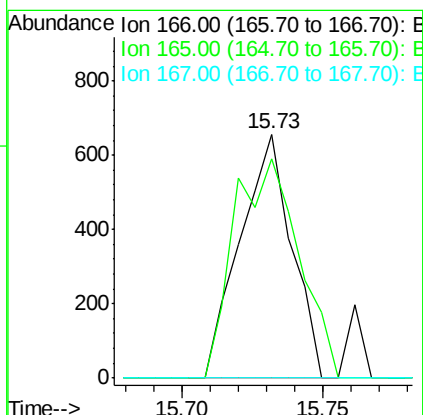
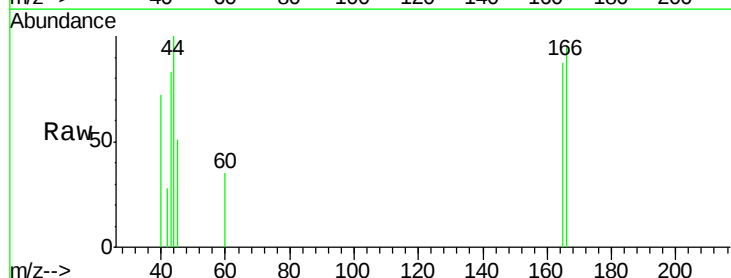
Instrument :
 BNA_G
 ClientSampleId :

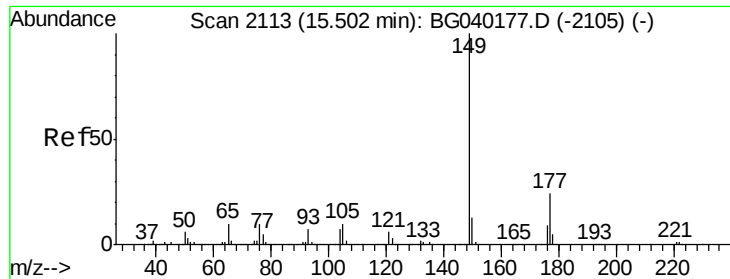
Tot Ion:	165	Resp:	139
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: 9.490 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BG040524.D
 Acq: 17 Apr 2019 5:36

Tgt Ion:	166	Resp:	826
Ion	Ratio	Lower	Upper
166	100		
165	90.1	81.7	122.5
167	0.0	11.9	17.9#

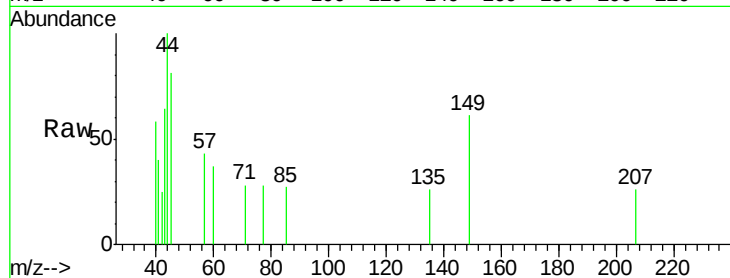




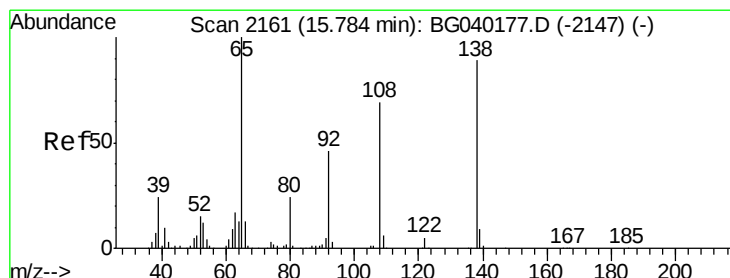
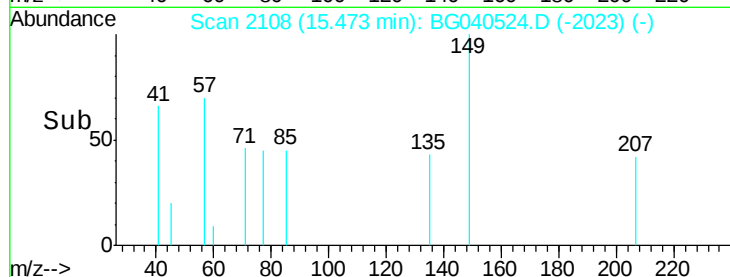
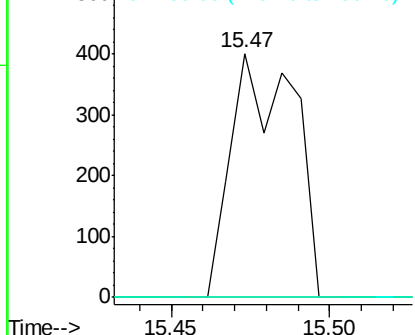
#60
Diethylphthalate
Concen: 5.859 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 549
Ion Ratio Lower Upper
149 100
177 0.0 19.1 28.7#
150 0.0 10.6 15.8#

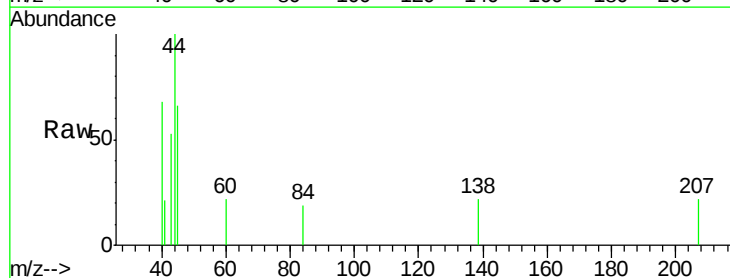


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

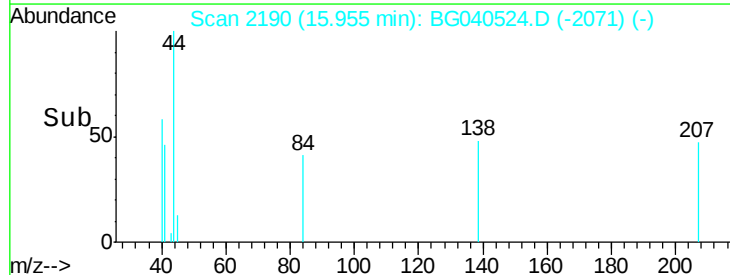
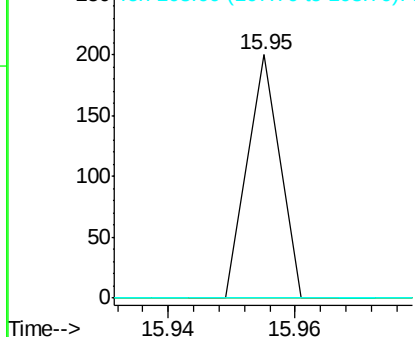


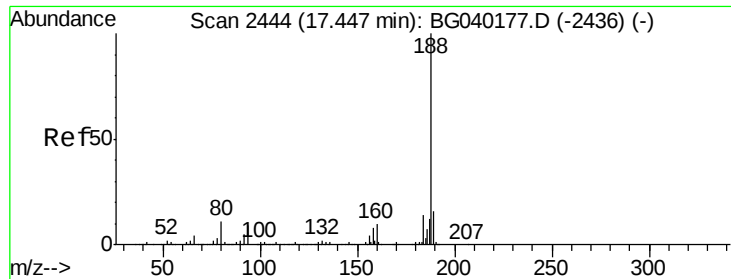
#62
4-Nitroaniline
Concen: 3.040 ng
RT: 15.95 min Scan# 2190
Delta R.T. 0.17 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Tgt Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
92 0.0 31.8 71.8#
108 0.0 57.2 97.2#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

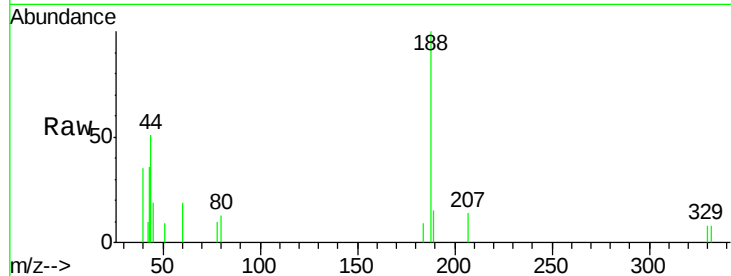
Tot Ion:188 Resp: 3128

Ion Ratio Lower Upper

188 100

94 0.0 7.0 10.4#

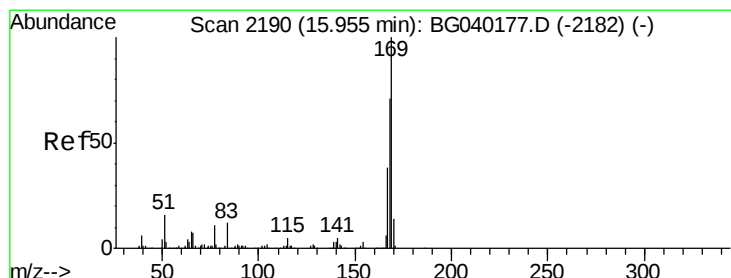
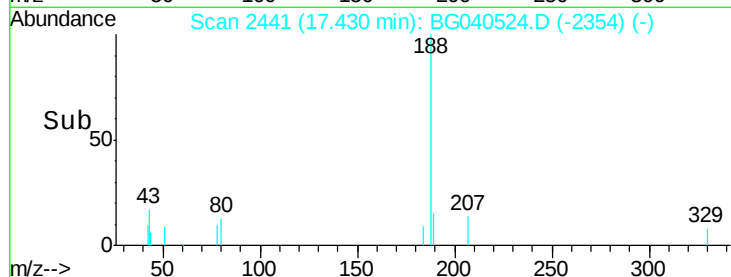
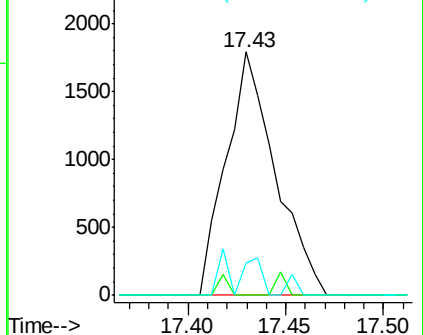
80 13.1 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#66

n-Nitrosodiphenylamine

Concen: 26.318 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.21 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

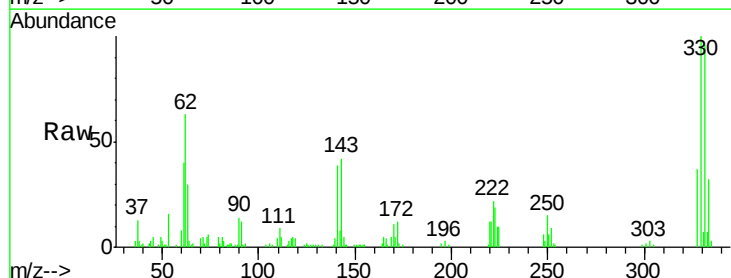
Tgt Ion:169 Resp: 2409

Ion Ratio Lower Upper

169 100

168 0.0 56.8 85.2#

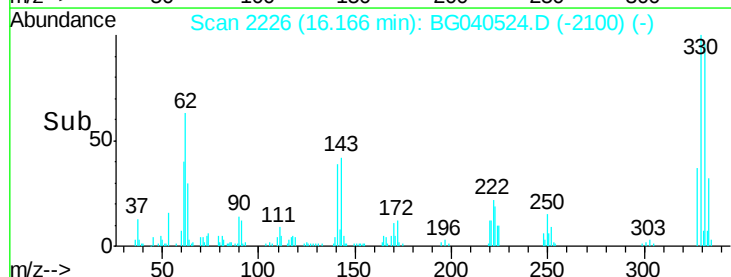
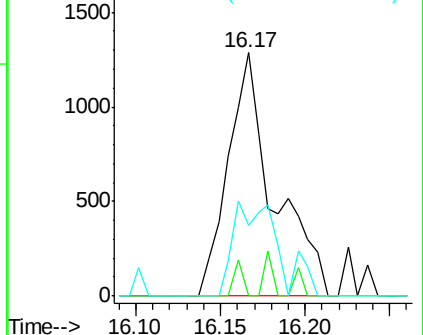
167 28.8 30.2 45.4#

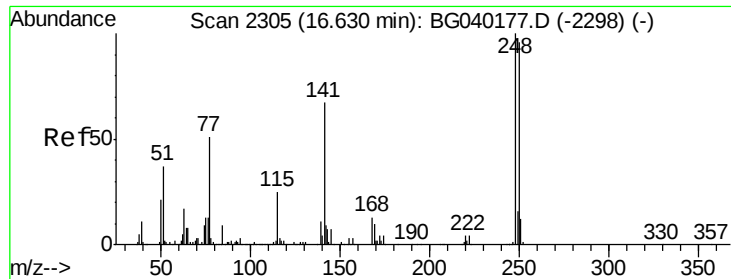


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

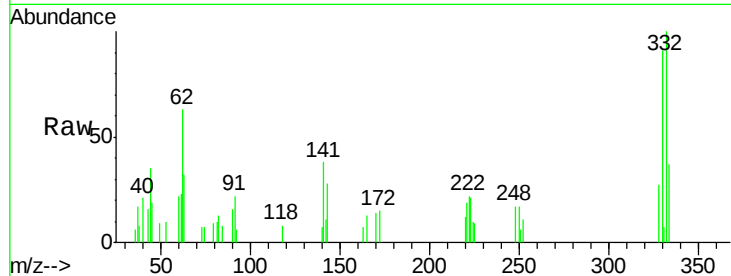




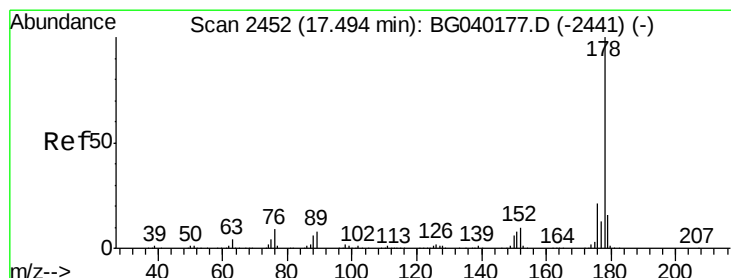
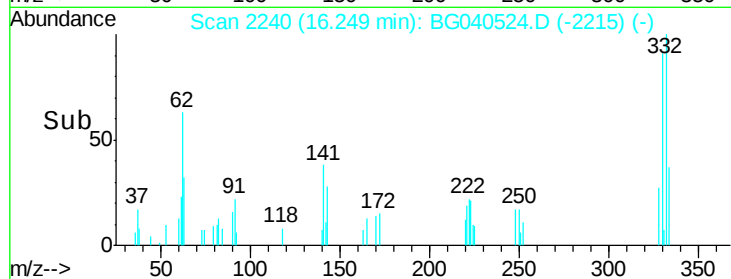
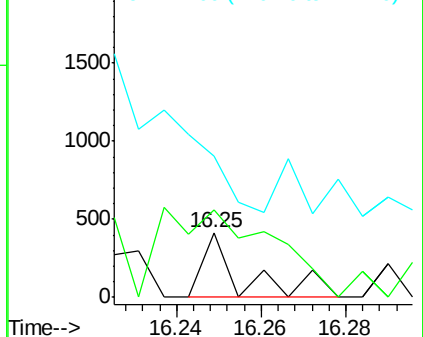
#67
4-Bromophenyl-phenylether
Concen: 7.670 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.38 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 270
Ion Ratio Lower Upper
248 100
250 135.8 76.4 114.6#
141 218.6 53.8 80.8#

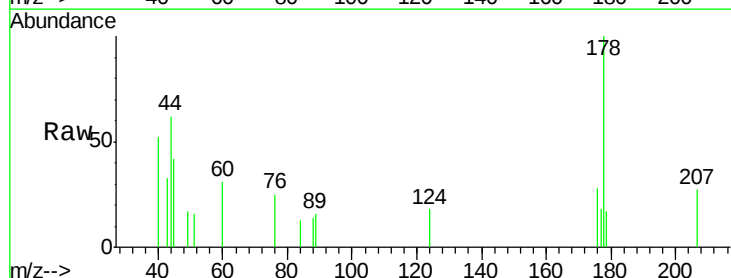


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

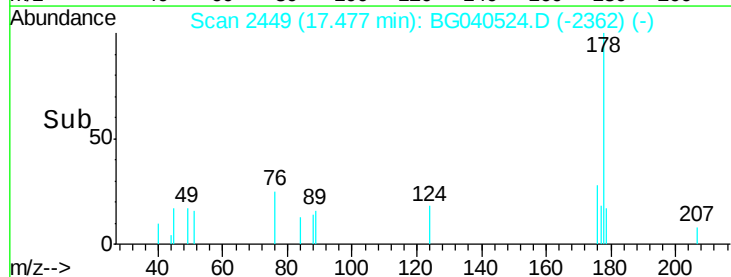
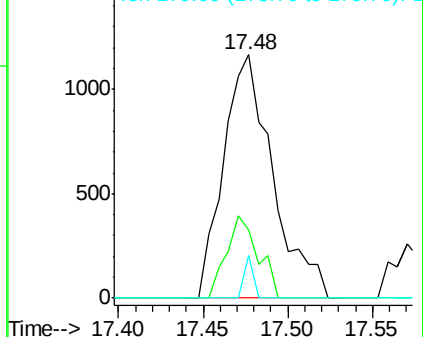


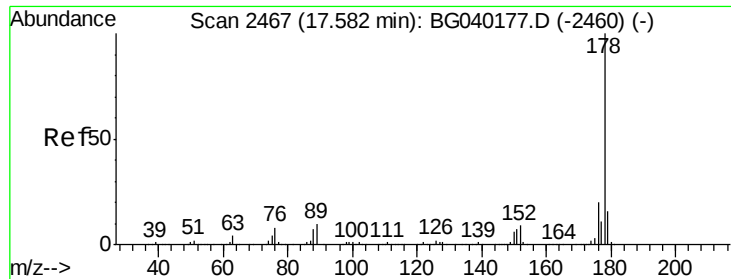
#71
Phenanthrene
Concen: 14.360 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Tgt Ion:178 Resp: 2361
Ion Ratio Lower Upper
178 100
176 24.0 16.7 25.1
179 14.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.552 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

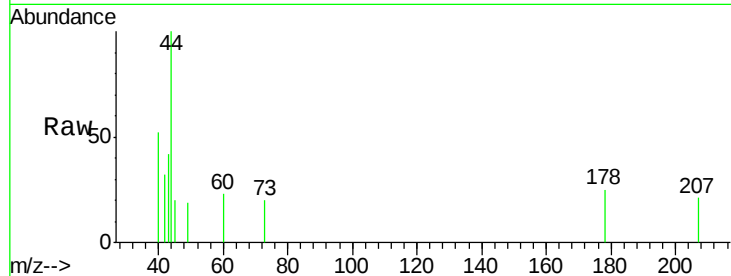
Tot Ion:178 Resp: 420

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

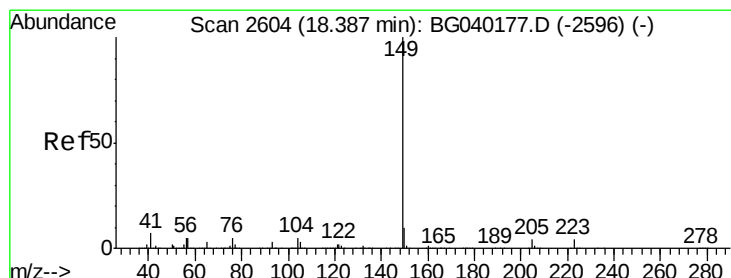
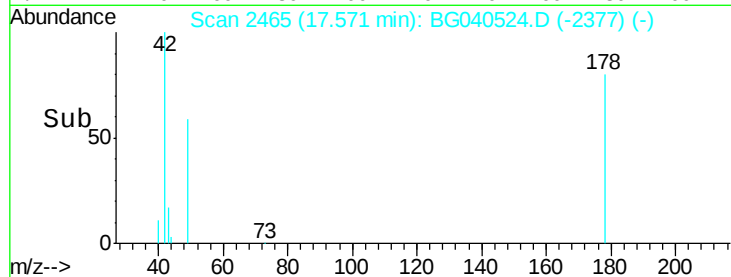
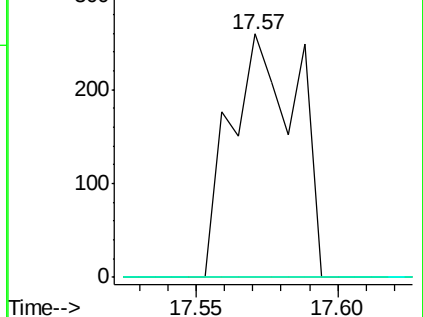
179 0.0 12.9 19.3#



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



#74

Di-n-butylphthalate

Concen: 10.953 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

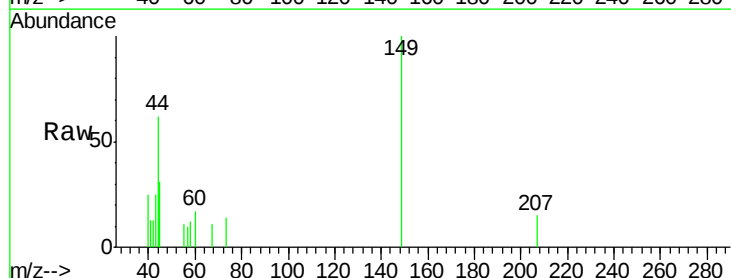
Tgt Ion:149 Resp: 2022

Ion Ratio Lower Upper

149 100

150 0.0 7.9 11.9#

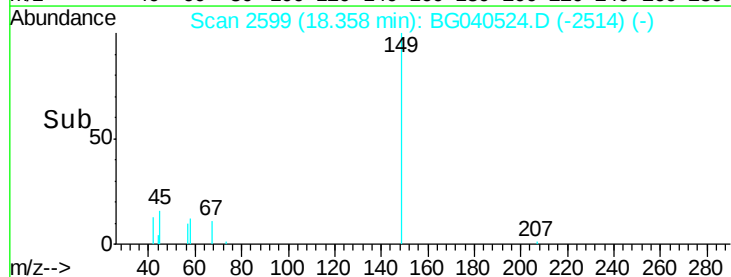
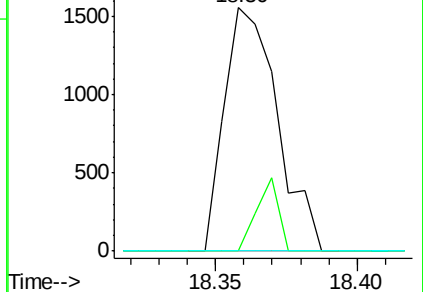
104 0.0 4.1 6.1#

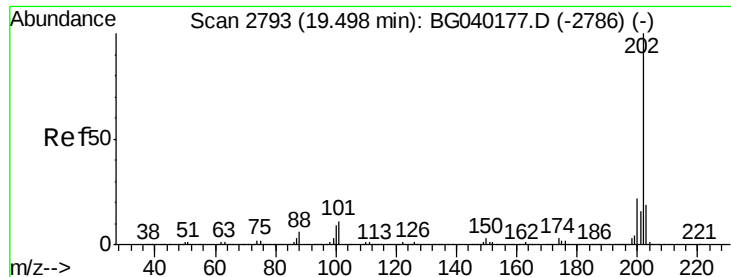


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 2.358 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

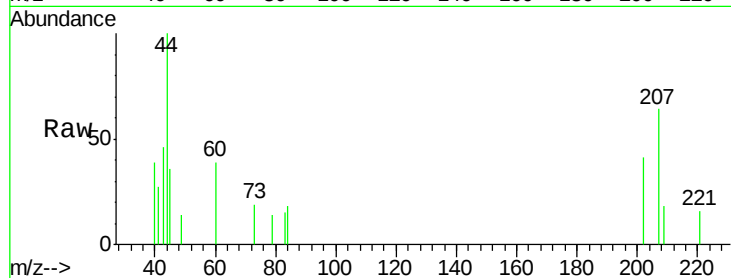
Tot Ion:202 Resp: 459

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.8

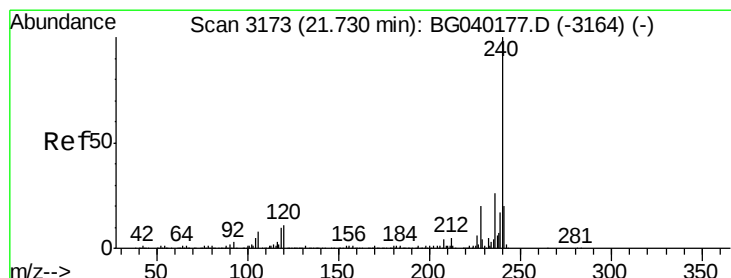
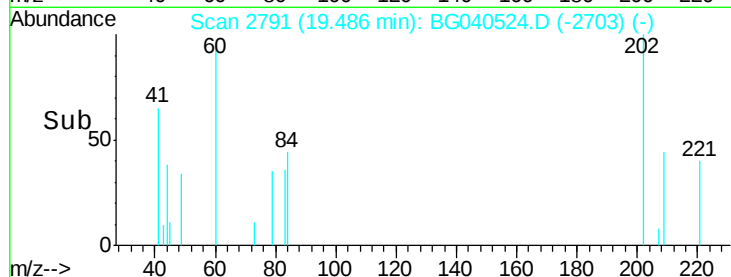
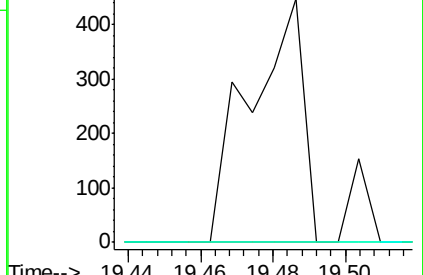
203 0.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

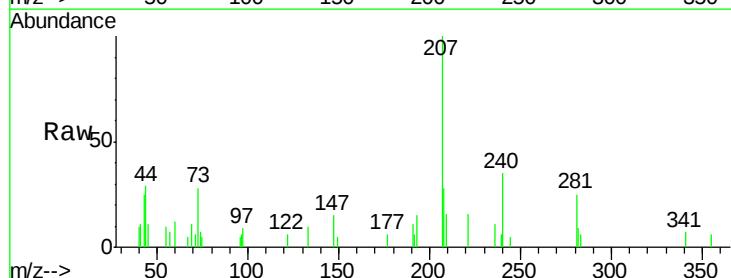
Tgt Ion:240 Resp: 2335

Ion Ratio Lower Upper

240 100

120 0.0 8.4 12.6#

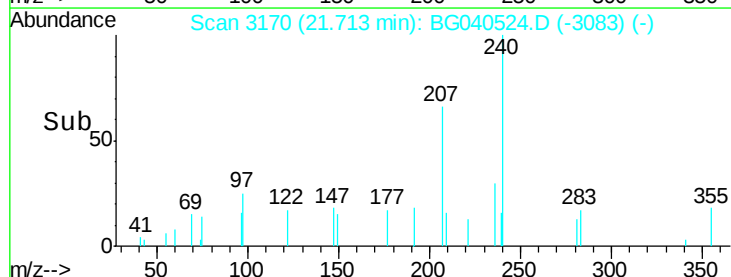
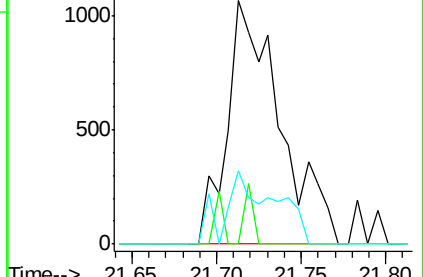
236 30.2 20.8 31.2

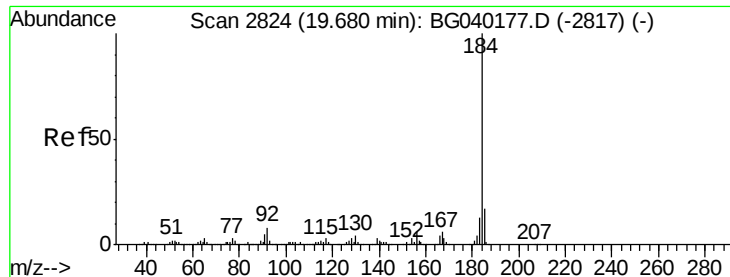


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 284.608 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.34 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

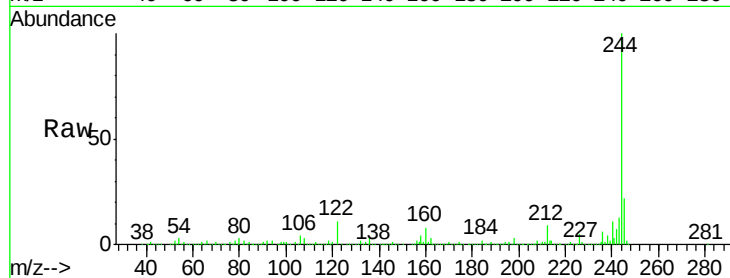
Tot Ion:184 Resp: 23998

Ion Ratio Lower Upper

184 100

185 14.9 13.3 19.9

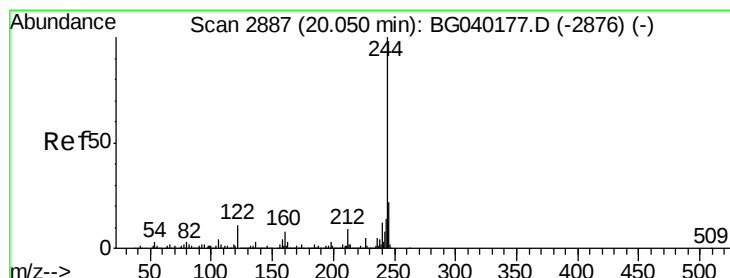
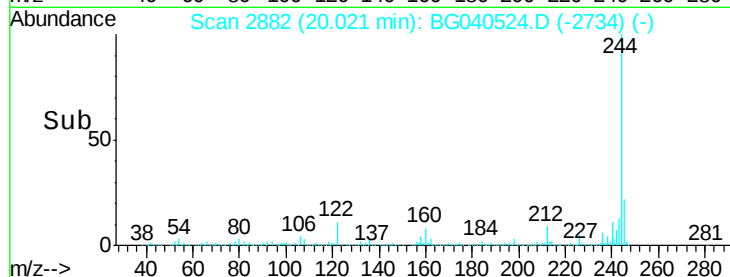
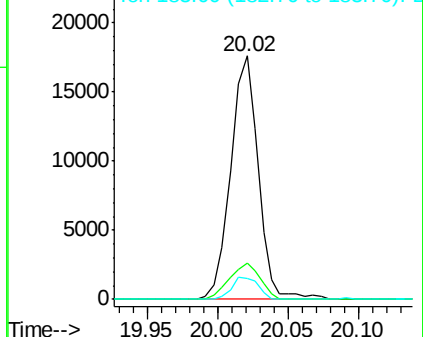
183 8.6 10.3 15.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 13826.464 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

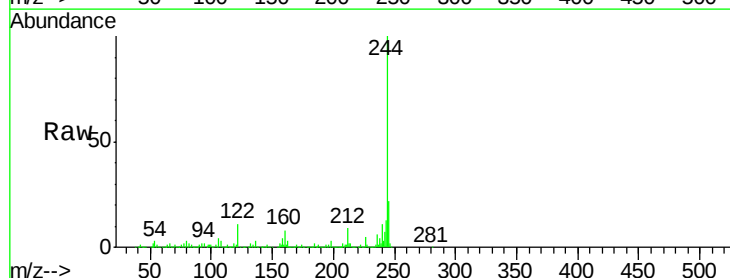
Tgt Ion:244 Resp: 1435101

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

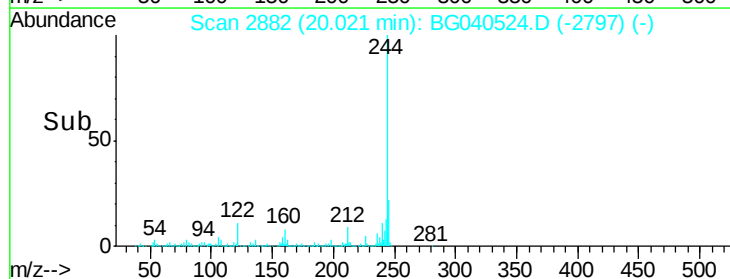
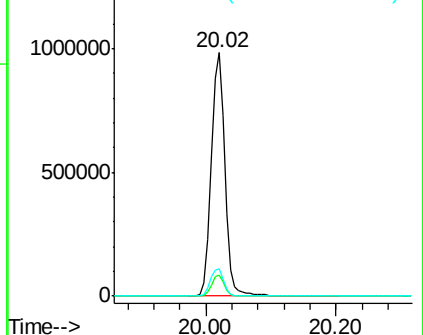
122 11.3 8.5 12.7

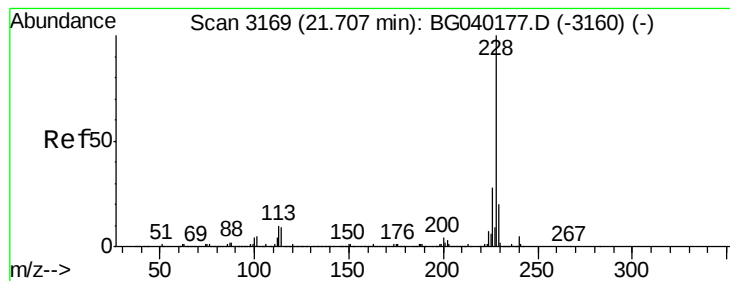


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.364 ng

RT: 22.12 min Scan# 3239

Delta R.T. 0.41 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

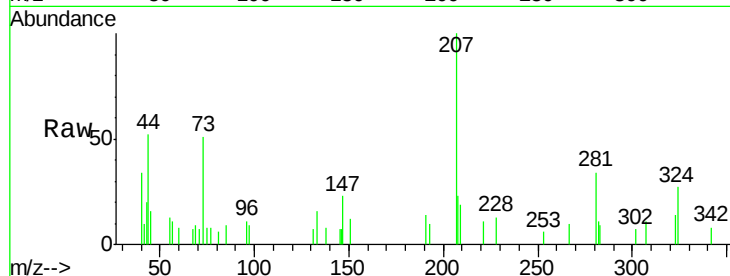
Tot Ion:228 Resp: 340

Ion Ratio Lower Upper

228 100

226 0.0 22.6 34.0#

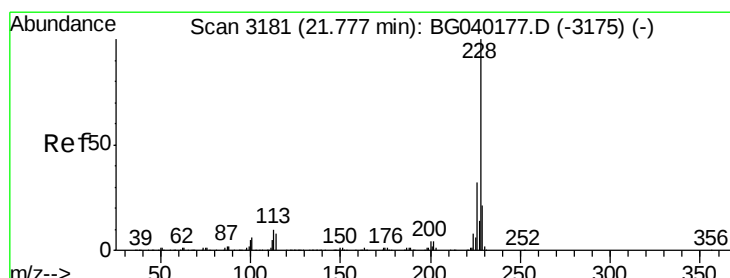
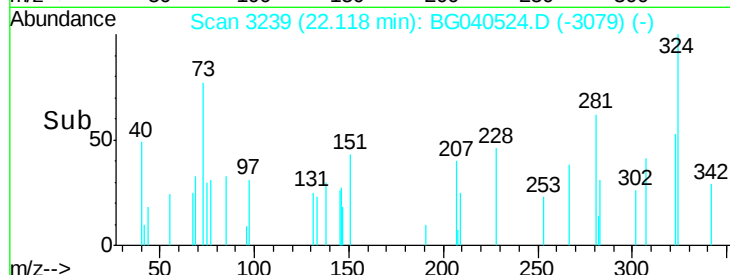
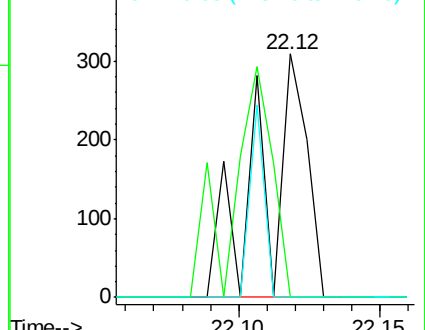
229 0.0 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.460 ng

RT: 22.12 min Scan# 3239

Delta R.T. 0.34 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

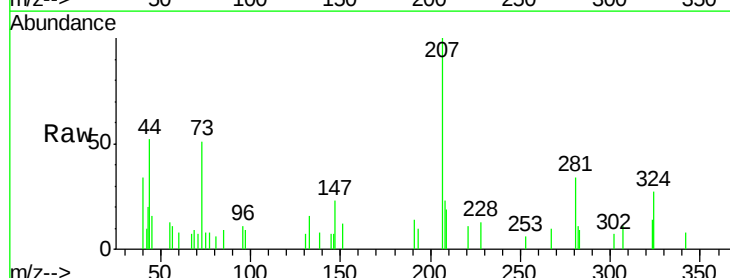
Tgt Ion:228 Resp: 340

Ion Ratio Lower Upper

228 100

226 0.0 25.4 38.0#

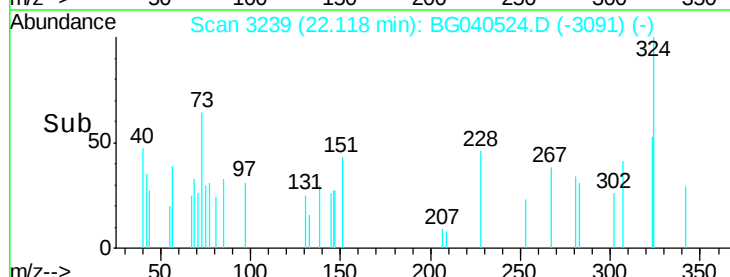
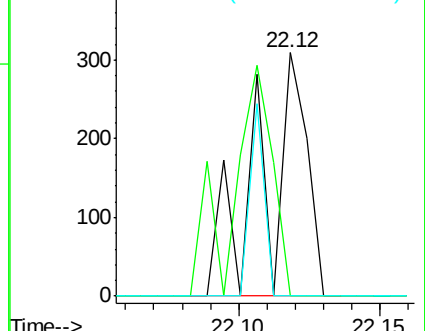
229 0.0 17.0 25.4#

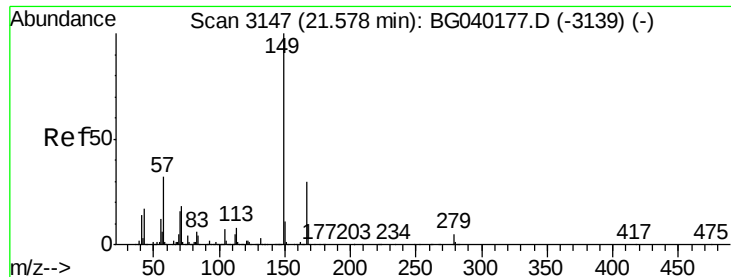


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.895 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

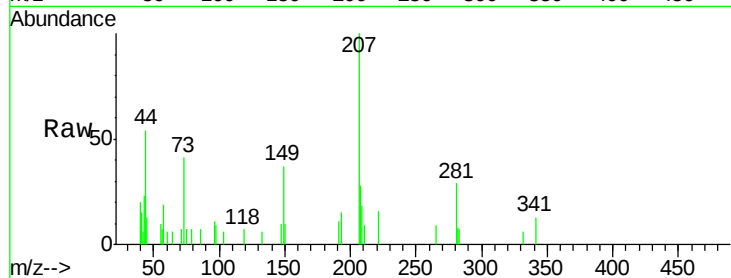
Tot Ion:149 Resp: 1399

Ion Ratio Lower Upper

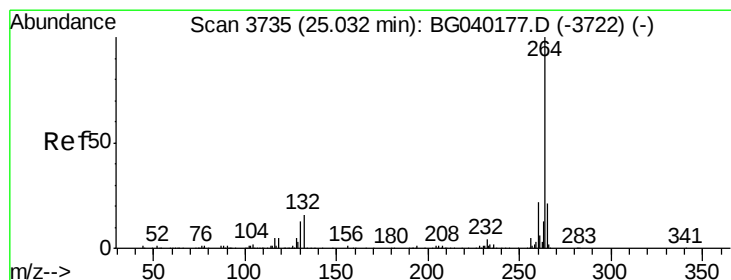
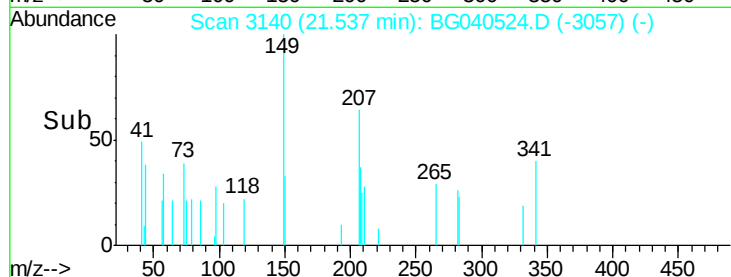
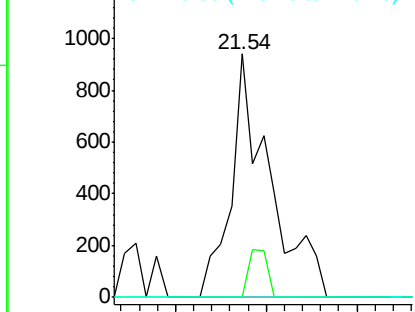
149 100

167 0.0 24.1 36.1#

279 0.0 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

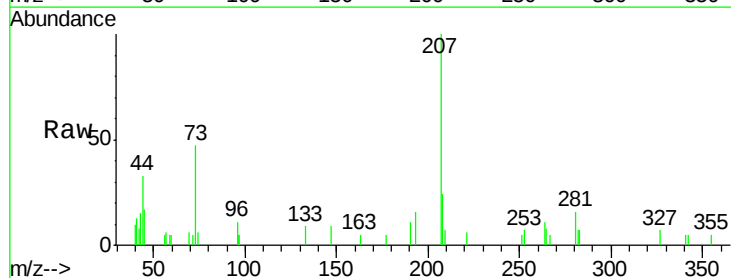
Tgt Ion:264 Resp: 50

Ion Ratio Lower Upper

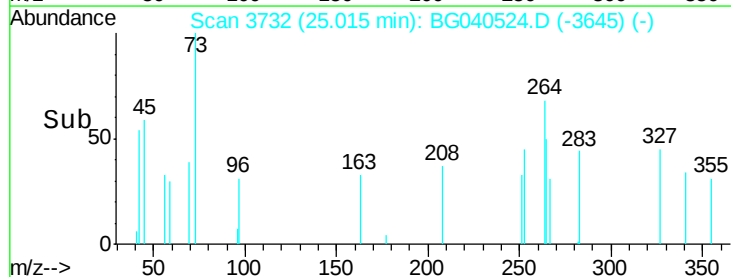
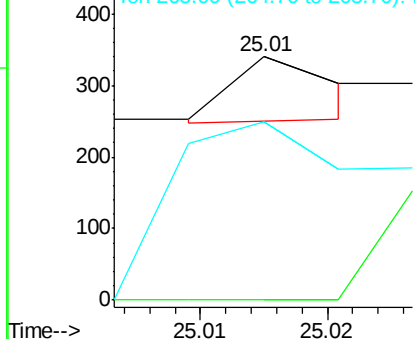
264 100

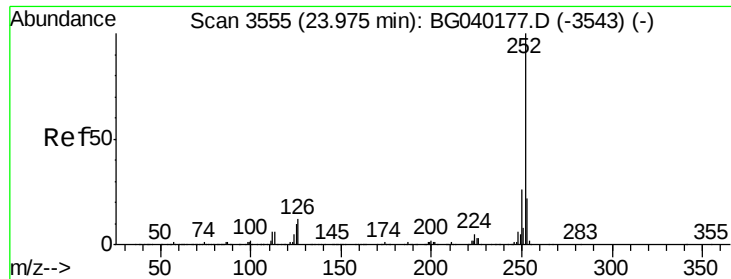
260 0.0 17.9 26.9#

265 73.5 16.8 25.2#



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

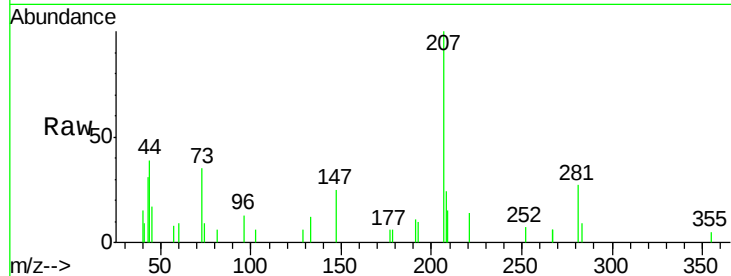




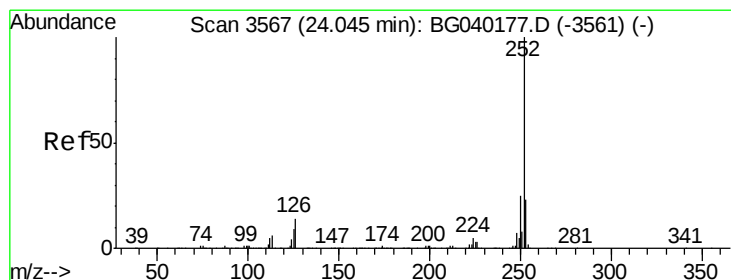
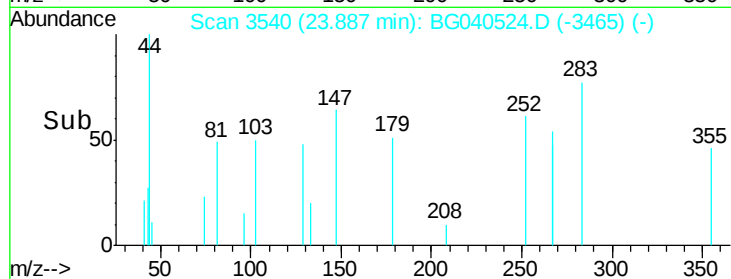
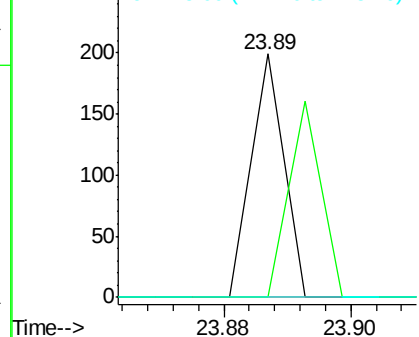
#88
Benzo(b)fluoranthene
Concen: 22.867 ng
RT: 23.89 min Scan# 3540
Delta R.T. -0.09 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 70
Ion Ratio Lower Upper
252 100
253 0.0 17.6 26.4#
125 0.0 8.2 12.4#

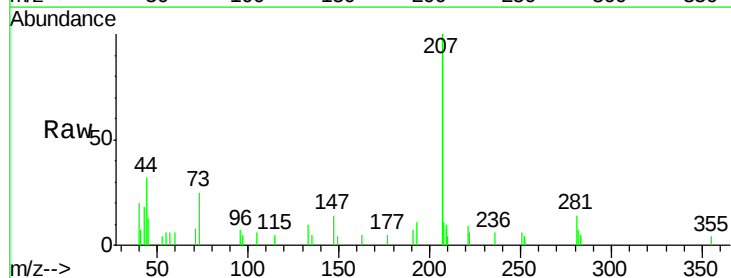


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

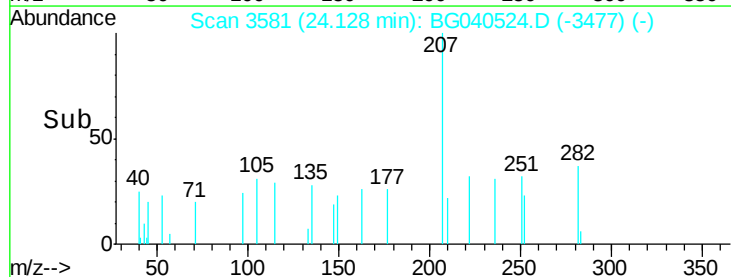
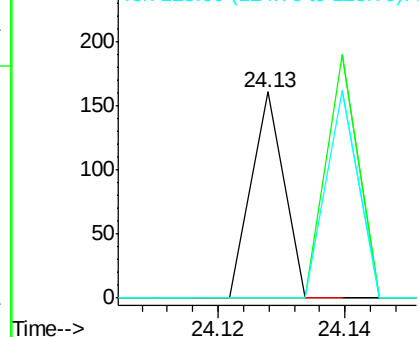


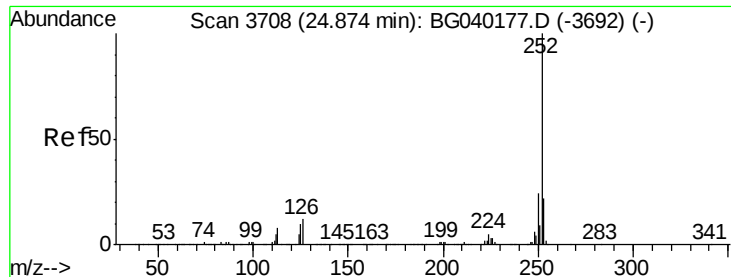
#89
Benzo(k)fluoranthene
Concen: 20.248 ng
RT: 24.13 min Scan# 3581
Delta R.T. 0.08 min
Lab File: BG040524.D
Acq: 17 Apr 2019 5:36

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 0.0 18.6 28.0#
125 0.0 7.3 10.9#



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





#90

Benzo(a)pyrene

Concen: 21.586 ng

RT: 25.24 min Scan# 3771

Delta R.T. 0.37 min

Lab File: BG040524.D

Acq: 17 Apr 2019 5:36

Instrument :

BNA_G

ClientSampleId :

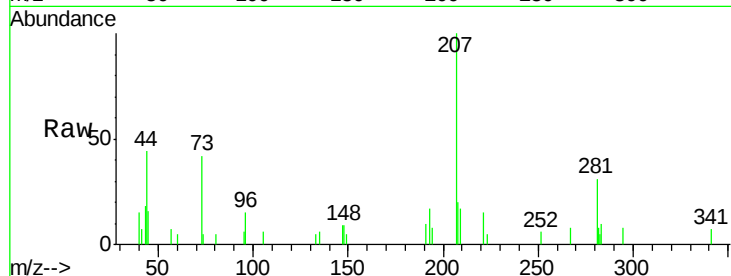
Tot Ion: 252 Resp: 62

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

125 0.0 8.3 12.5#



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

