

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\  
 Data File : BG041174.D  
 Acq On : 10 Jun 2019 22:04  
 Operator : HP/JU  
 Sample : K3265-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-01-(0-37)COMP

Quant Time: Jun 11 05:37:37 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jun 09 23:08:34 2019  
 Response via : Initial Calibration

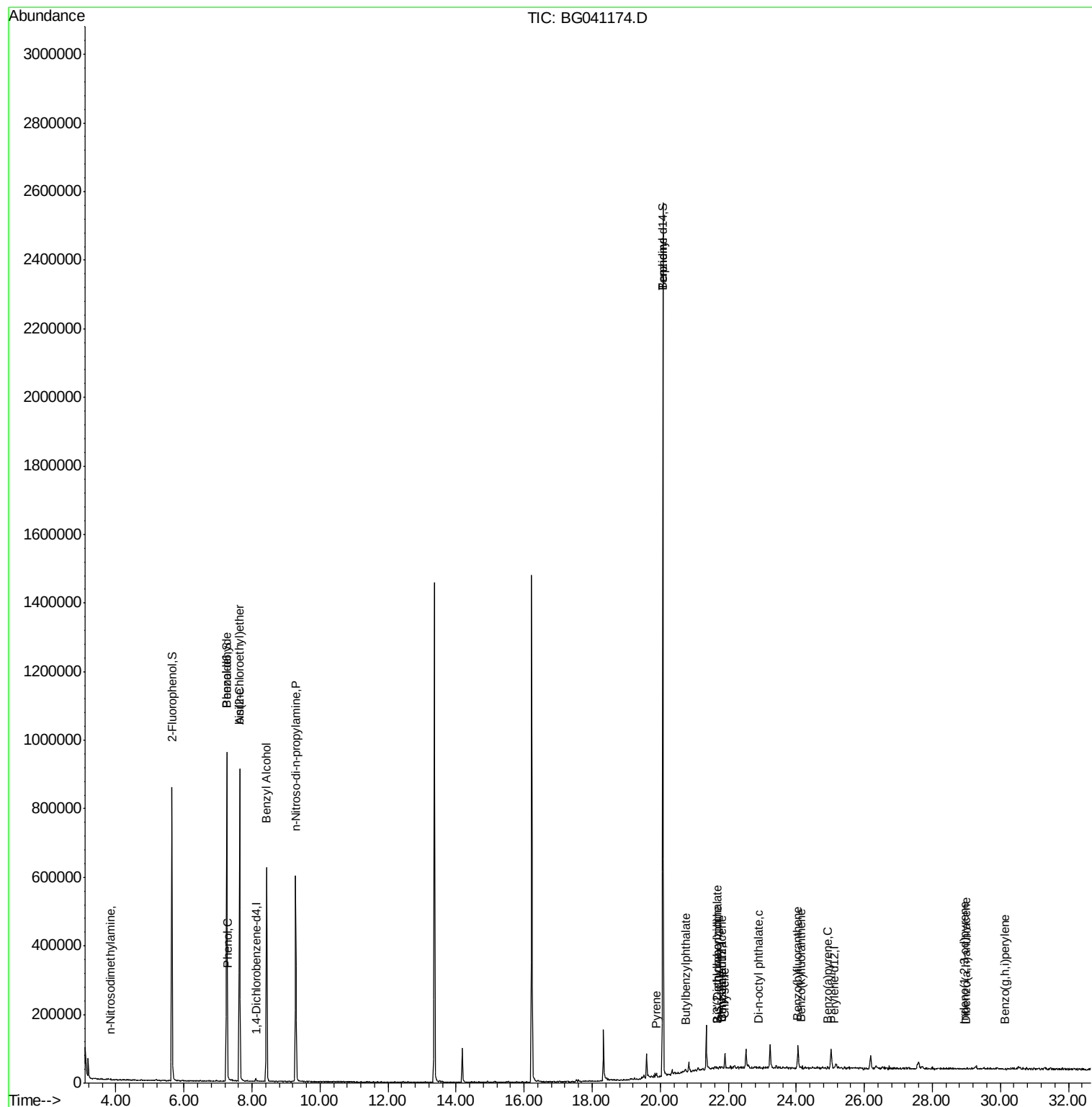
| Internal Standards             | R.T.  | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.11  | 152  | 2118     | 20.00     | ng     | 0.00     |
| 21) Naphthalene-d8             | 0.00  | 136  | 0        | 0.00      | ng     | -10.93   |
| 39) Acenaphthene-d10           | 0.00  | 164  | 0        | 0.00      | ng     | -14.74   |
| 64) Phenanthrene-d10           | 0.00  | 188  | 0        | 0.00      | ng     | -17.48   |
| 76) Chrysene-d12               | 21.80 | 240  | 55       | 20.00     | ng     | 0.04     |
| 87) Perylene-d12               | 25.12 | 264  | 58       | 20.00     | ng     | 0.04     |
| System Monitoring Compounds    |       |      |          |           |        |          |
| 5) 2-Fluorophenol              | 5.64  | 112  | 336063   | 2861.15   | ng     | 0.00     |
| 7) Phenol-d6                   | 7.26  | 99   | 523197   | 2884.21   | ng     | 0.01     |
| 23) Nitrobenzene-d5            | 9.29  | 82   | 359026   | 0.00      | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol       | 16.22 | 330  | 286621   | 0.00      | ng     | 0.00     |
| 45) 2-Fluorobiphenyl           | 13.36 | 172  | 772953   | 0.00      | ng     | 0.00     |
| 79) Terphenyl-d14              | 20.08 | 244  | 1242977  | 479640.99 | ng     | 0.00     |
| Target Compounds               |       |      |          |           |        |          |
|                                |       |      |          |           | Qvalue |          |
| 4) n-Nitrosodimethylamine      | 3.84  | 42   | 339      | 4.631     | ng     | # 1      |
| 6) Aniline                     | 7.63  | 93   | 582      | 2.404     | ng     | # 1      |
| 9) Benzaldehyde                | 7.26  | 77   | 1220     | 11.274    | ng     | # 1      |
| 10) Phenol                     | 7.28  | 94   | 2874     | 14.777    | ng     | # 51     |
| 11) bis(2-Chloroethyl)ether    | 7.63  | 93   | 582      | 4.125     | ng     | # 1      |
| 15) Benzyl Alcohol             | 8.43  | 79   | 5359     | 31.936    | ng     | # 41     |
| 19) n-Nitroso-di-n-propylamine | 9.29  | 70   | 51128    | 366.253   | ng     | # 76     |
| 77) Benzidine                  | 20.08 | 184  | 19579    | 14922.536 | ng     | # 96     |
| 78) Pyrene                     | 19.89 | 202  | 5773     | 1614.660  | ng     | # 100    |
| 80) Butylbenzylphthalate       | 20.75 | 149  | 280      | 201.239   | ng     | # 40     |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 2289     | 625.215   | ng     | # 91     |
| 82) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 72       | 55.913    | ng     | # 4      |
| 83) Chrysene                   | 21.88 | 228  | 71       | 20.265    | ng     | # 1      |
| 84) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 671      | 342.580   | ng     | # 75     |
| 85) Di-n-octyl phthalate       | 22.89 | 149  | 225      | 68.975    | ng     | # 68     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.95 | 276  | 272      | 63.377    | ng     | # 56     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 3035     | 862.731   | ng     | # 82     |
| 89) Benzo(k)fluoranthene       | 24.14 | 252  | 249      | 71.527    | ng     | # 1      |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 1714     | 510.678   | ng     | # 80     |
| 91) Dibenzo(a,h)anthracene     | 29.00 | 278  | 71       | 21.171    | ng     | # 1      |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 232      | 71.205    | ng     | # 28     |

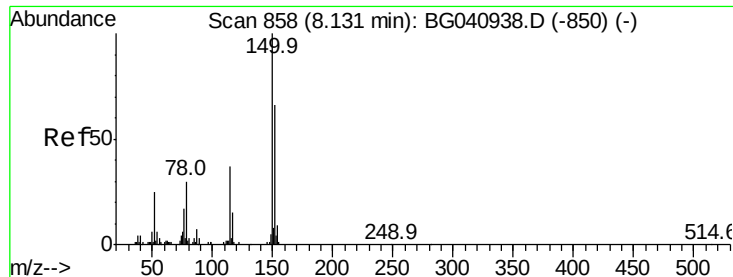
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\  
Data File : BG041174.D  
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Sample : K3265-02  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
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B-01-(0-37)COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Jun 09 23:08:34 2019  
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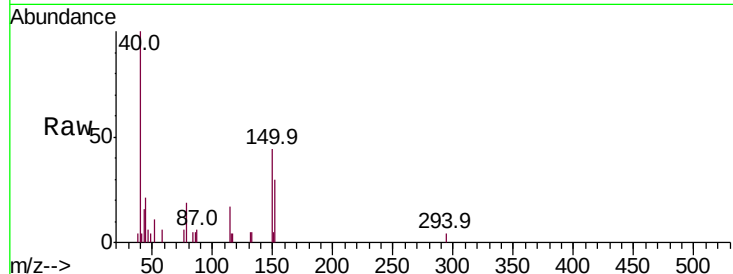


#1

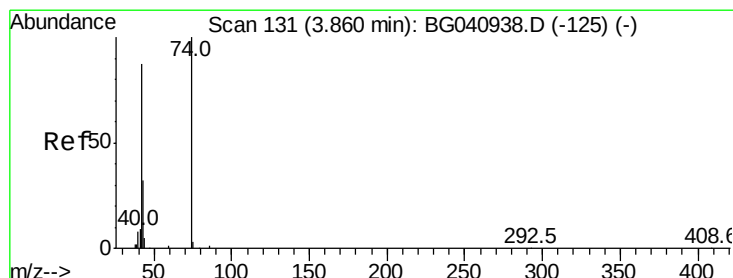
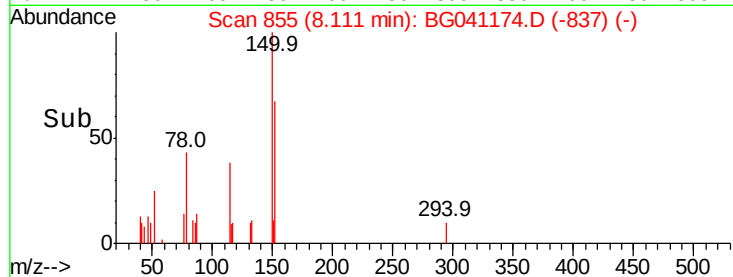
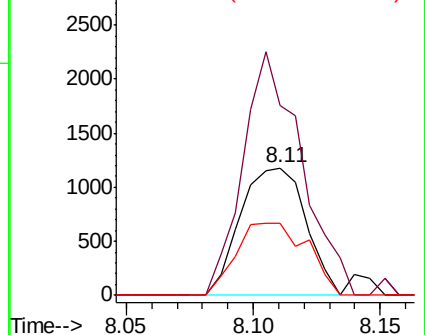
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 855  
Delta R.T. 0.01 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

Instrument :  
BNA\_G  
ClientSampleId :  
B-01-(0-37)COMP

Tot Ion:152 Resp: 2118  
Ion Ratio Lower Upper  
152 100  
150 148.9 120.6 180.8  
115 56.1 45.1 67.7



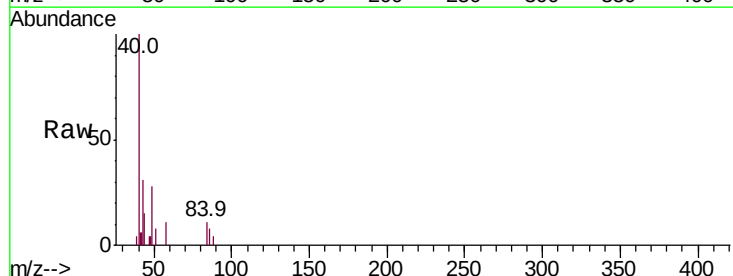
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



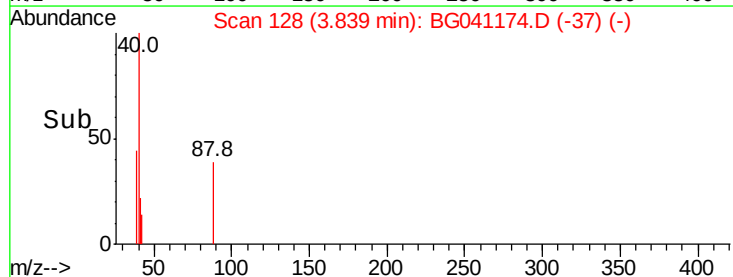
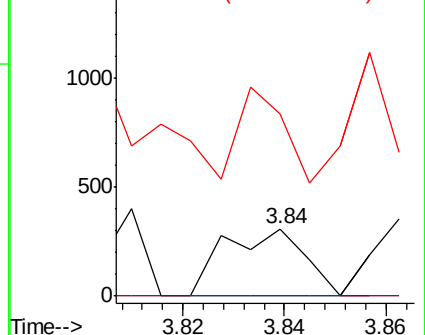
#4

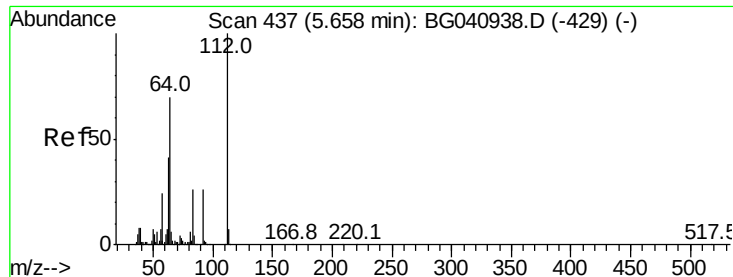
n-Nitrosodimethylamine  
Concen: 4.631 ng  
RT: 3.84 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

Tgt Ion: 42 Resp: 339  
Ion Ratio Lower Upper  
42 100  
74 0.0 91.8 137.6#  
44 269.0 6.0 9.0#



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: 2861.155 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

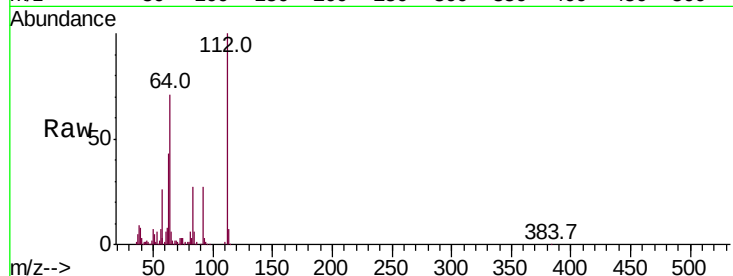
Tot Ion:112 Resp: 336063

Ion Ratio Lower Upper

112 100

64 71.2 56.2 84.2

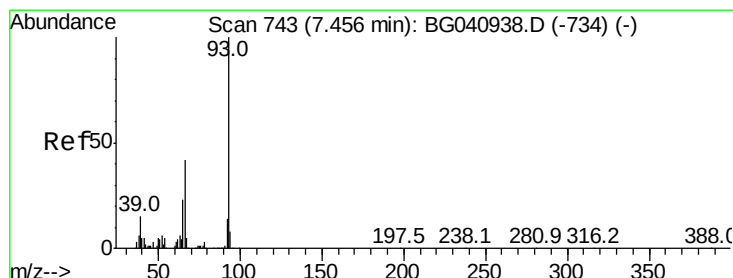
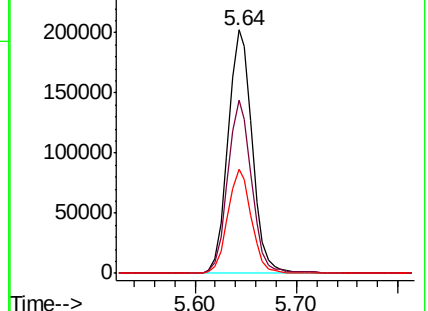
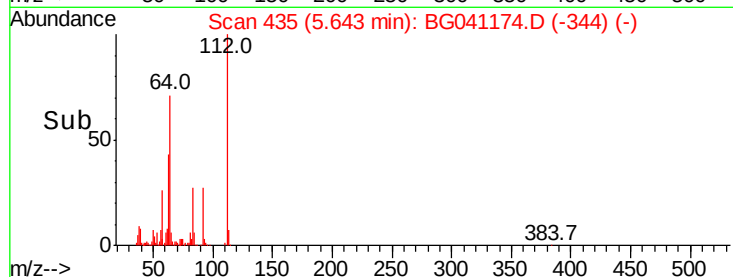
63 42.7 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 2.404 ng

RT: 7.63 min Scan# 774

Delta R.T. 0.21 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

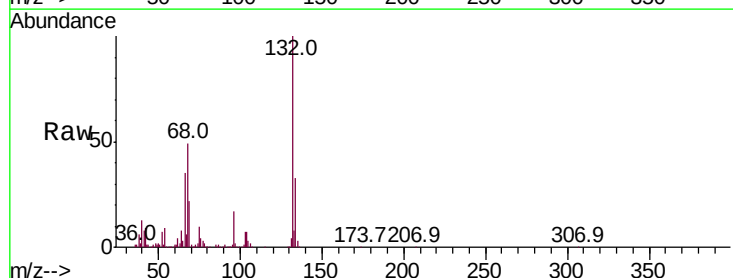
Tgt Ion: 93 Resp: 582

Ion Ratio Lower Upper

93 100

66 16452.5 33.8 50.8#

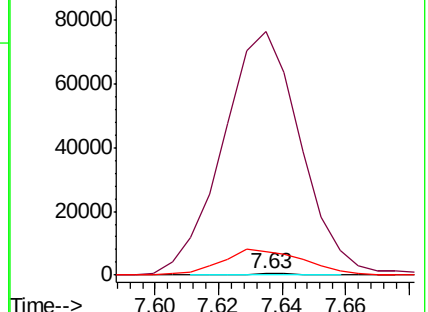
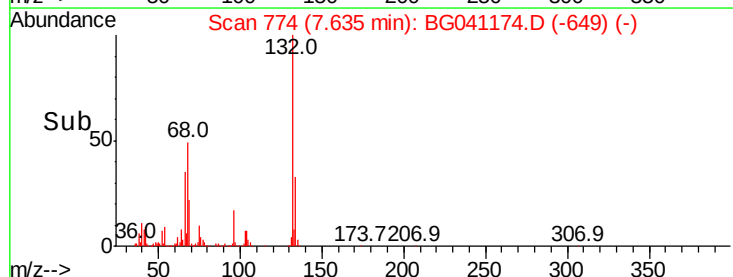
65 1569.7 18.3 27.5#

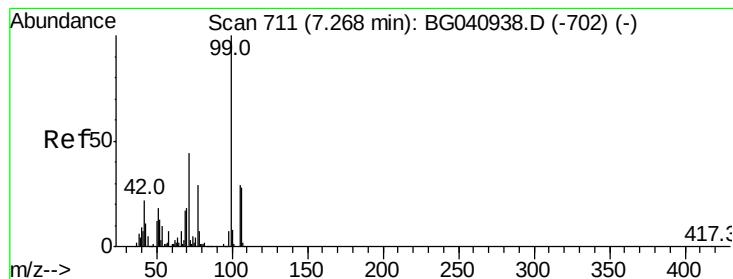


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 2884.214 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

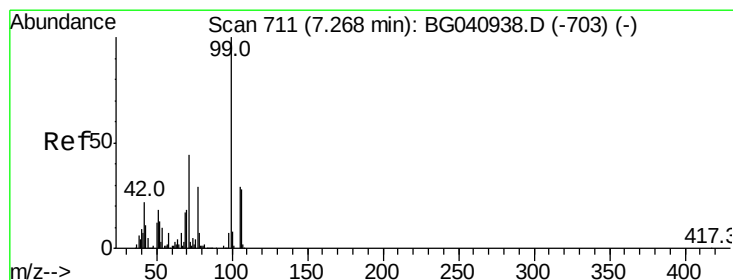
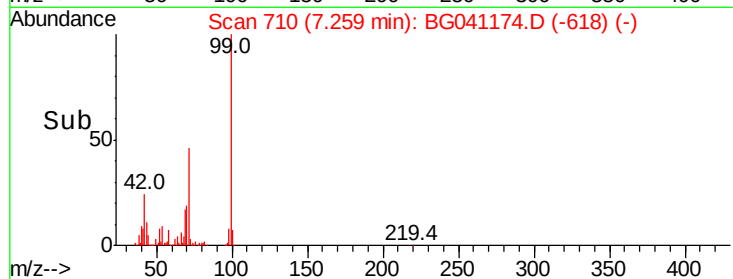
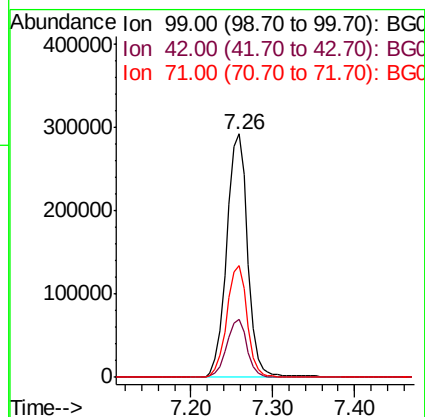
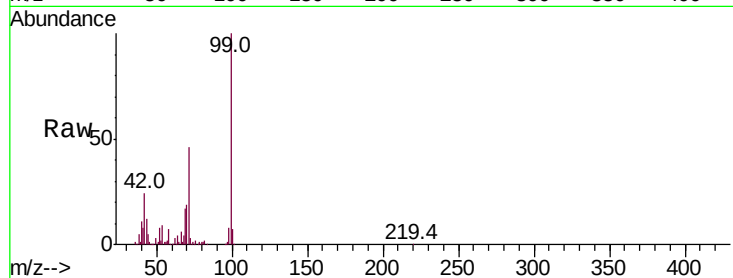
Tot Ion: 99 Resp: 523197

Ion Ratio Lower Upper

99 100

42 23.9 17.9 26.9

71 46.1 35.4 53.0



#9

Benzaldehyde

Concen: 11.274 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.02 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

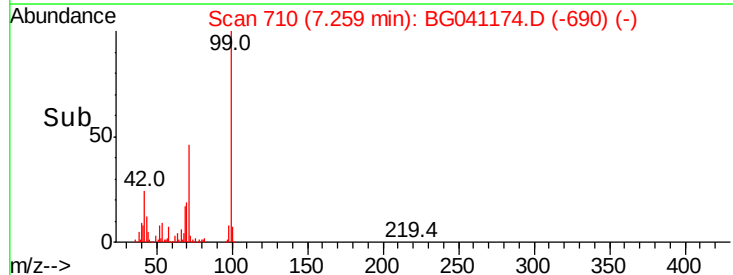
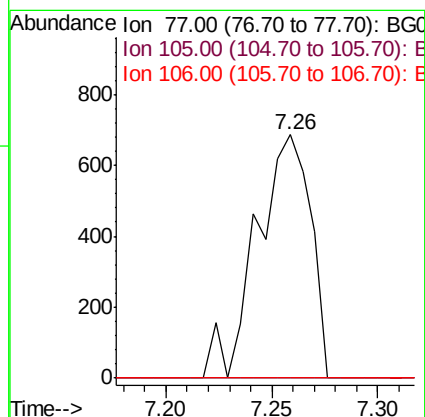
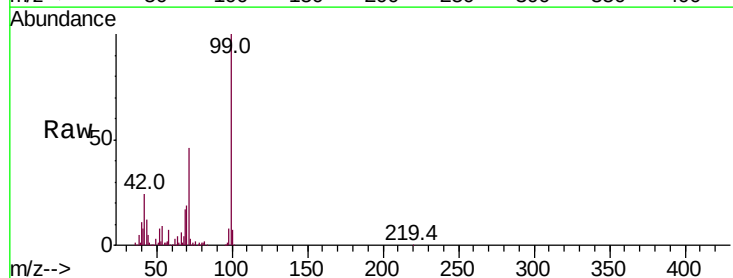
Tgt Ion: 77 Resp: 1220

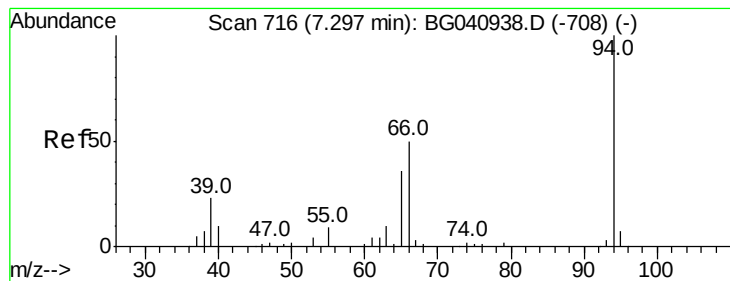
Ion Ratio Lower Upper

77 100

105 0.0 78.9 118.9#

106 0.0 76.7 116.7#





#10

Phenol

Concen: 14.777 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

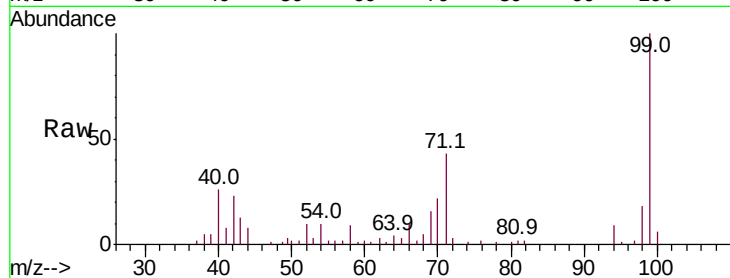
Tot Ion: 94 Resp: 2874

Ion Ratio Lower Upper

94 100

65 33.5 17.0 57.0

66 108.4 32.4 72.4#

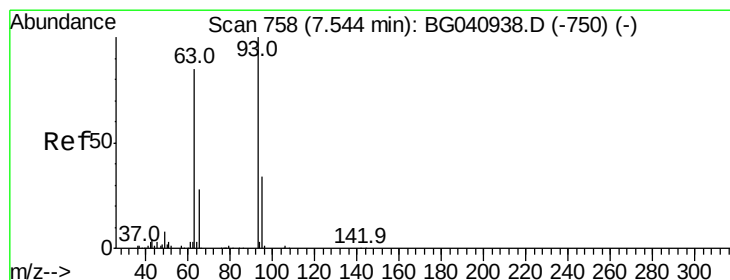
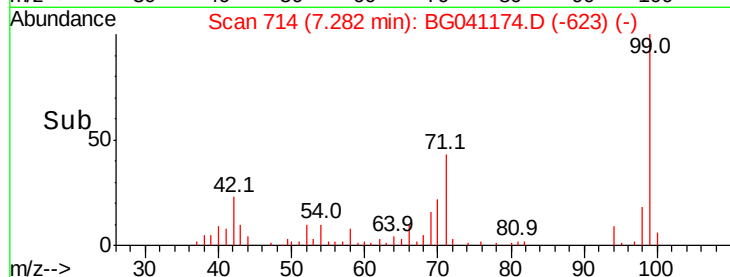
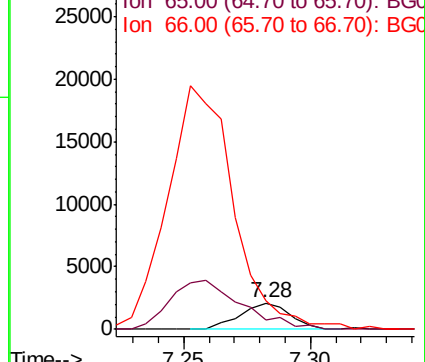


Abundance

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: 4.125 ng

RT: 7.63 min Scan# 774

Delta R.T. 0.12 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

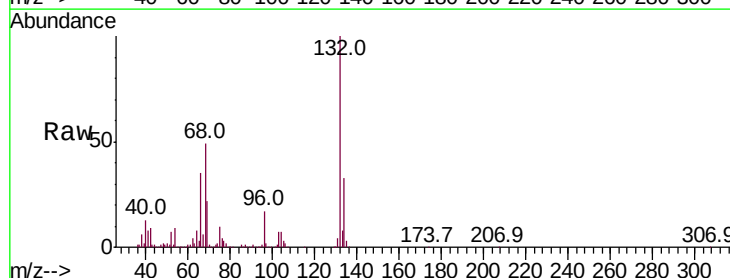
Tgt Ion: 93 Resp: 582

Ion Ratio Lower Upper

93 100

63 786.9 64.5 104.5#

95 365.8 13.3 53.3#

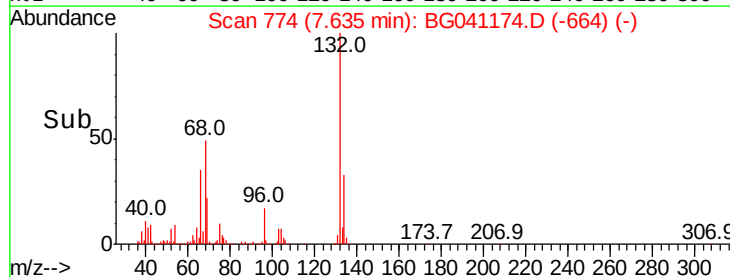
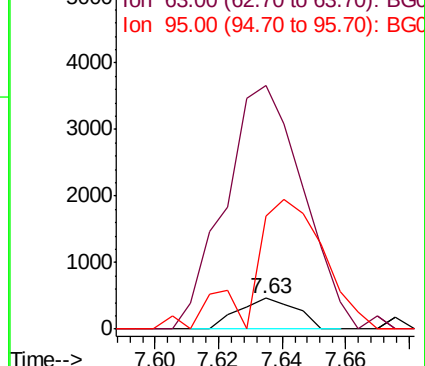


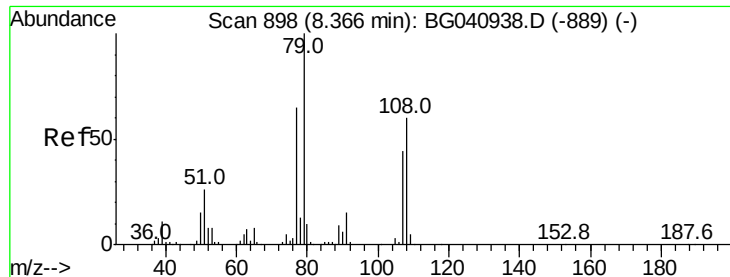
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC





#15

Benzyl Alcohol

Concen: 31.936 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.09 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

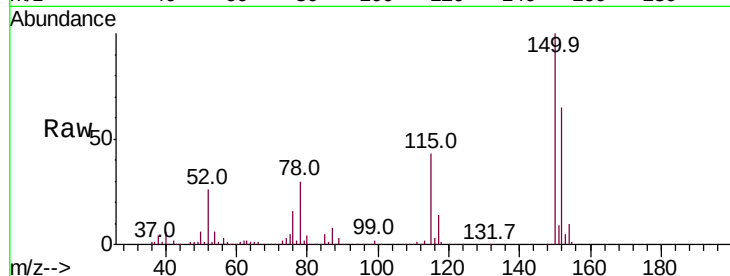
Tot Ion: 79 Resp: 5359

Ion Ratio Lower Upper

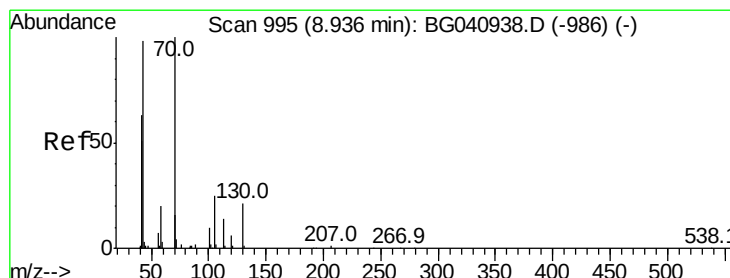
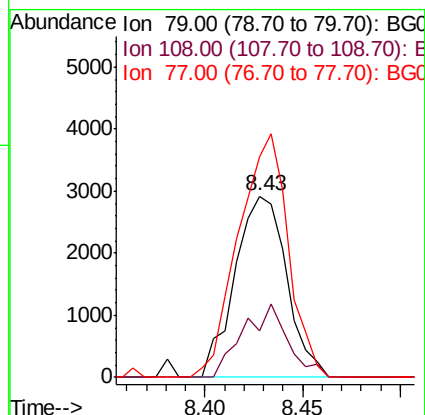
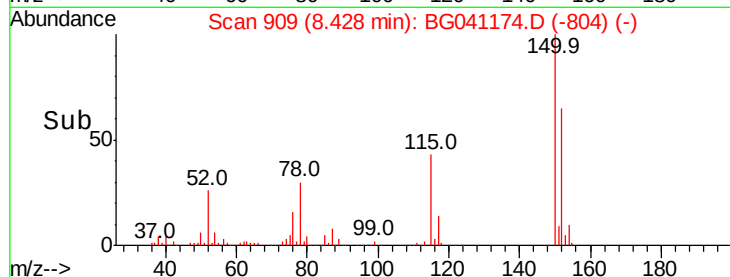
79 100

108 25.7 48.3 72.5#

77 121.6 52.3 78.5#



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



#19

n-Nitroso-di-n-propylamine

Concen: 366.253 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.38 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Tgt Ion: 70 Resp: 51128

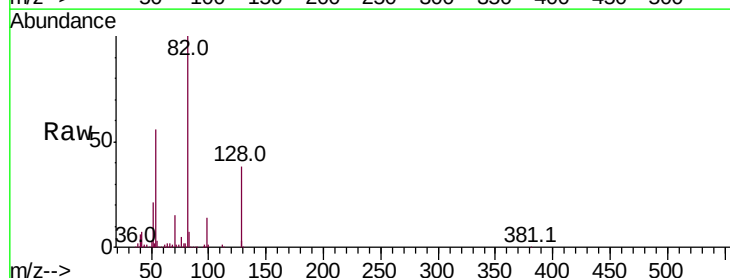
Ion Ratio Lower Upper

70 100

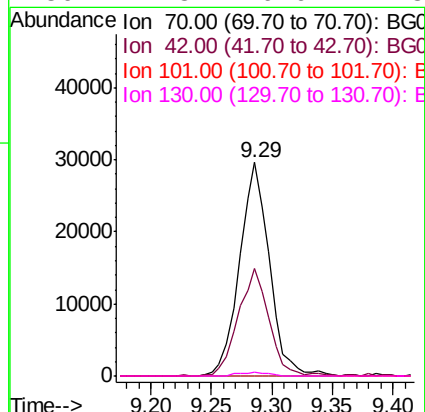
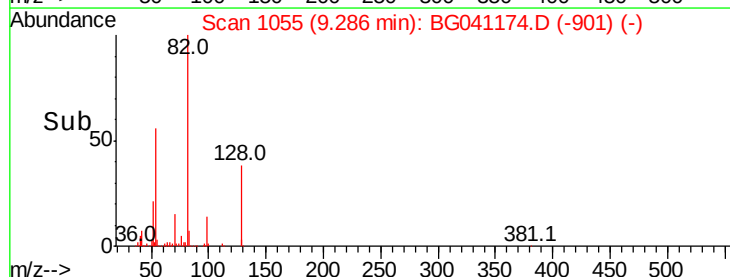
42 50.2 51.5 77.3#

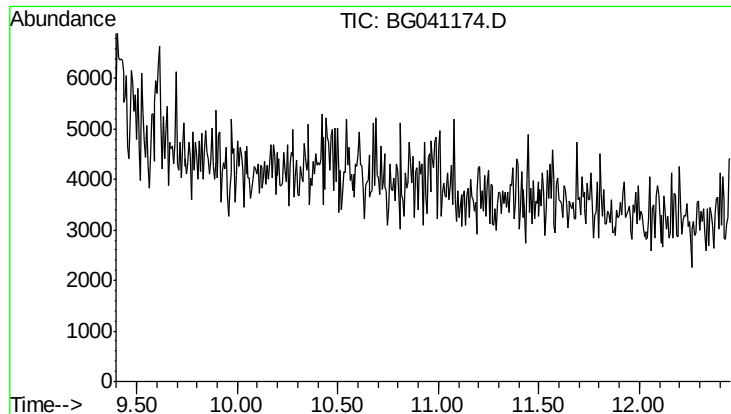
101 0.0 8.1 12.1#

130 1.8 16.6 24.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

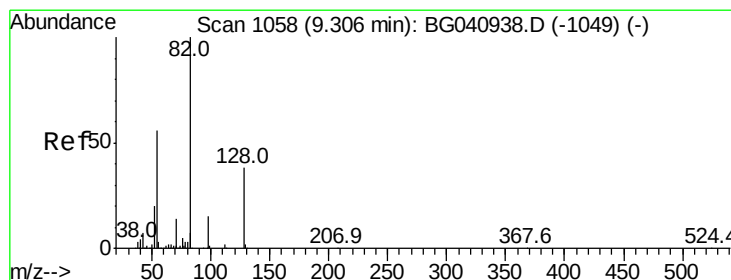
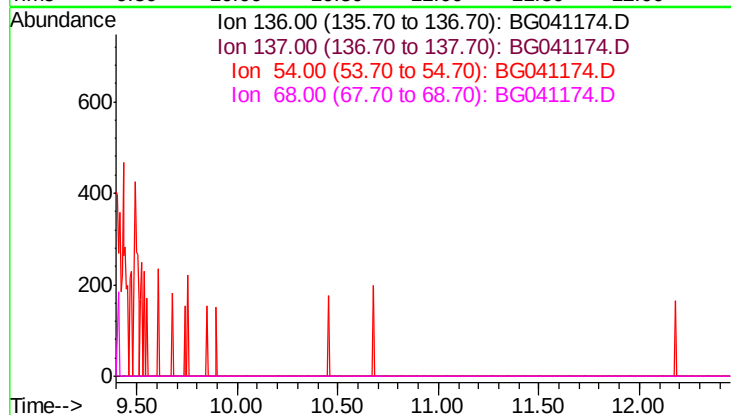




#21  
Naphthalene-d8  
Concen: 0.000 ng  
Expected RT: 10.93 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

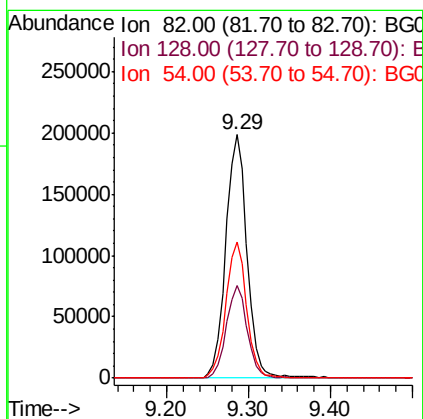
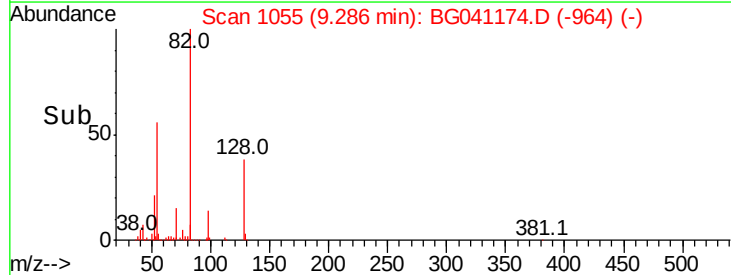
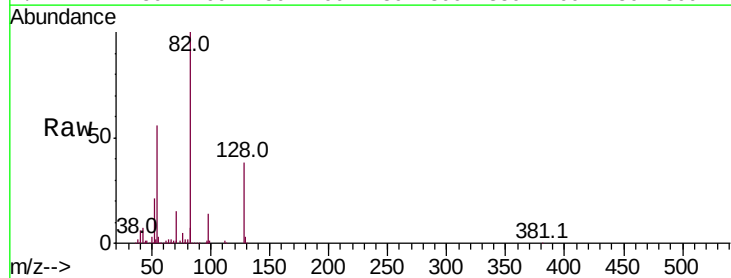
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-(0-37)COMP

Tot Ion: 136  
Sig Exp Ratio  
136 100  
137 11.9  
54 9.5  
68 4.9

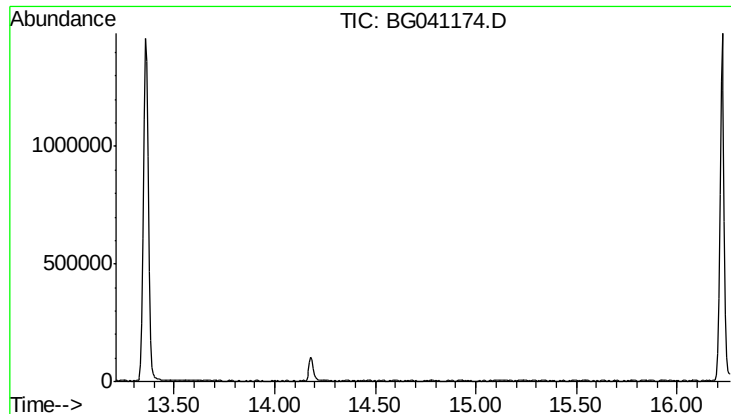


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
RT: 9.29 min Scan# 1055  
Delta R.T. 0.01 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

Tgt Ion: 82 Resp: 359026  
Ion Ratio Lower Upper  
82 100  
128 38.1 30.5 45.7  
54 56.0 44.6 66.8







#39

Acenaphthene-d10

Concen: 0.000 ng

Expected RT: 14.74 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

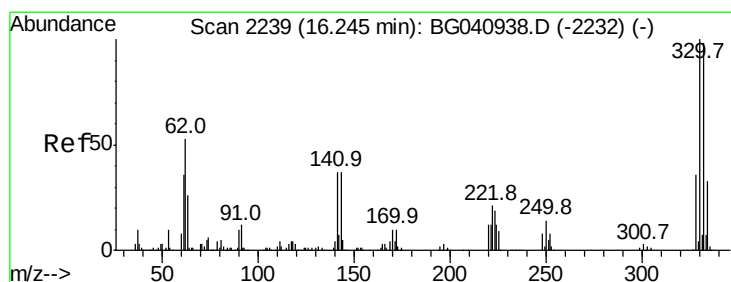
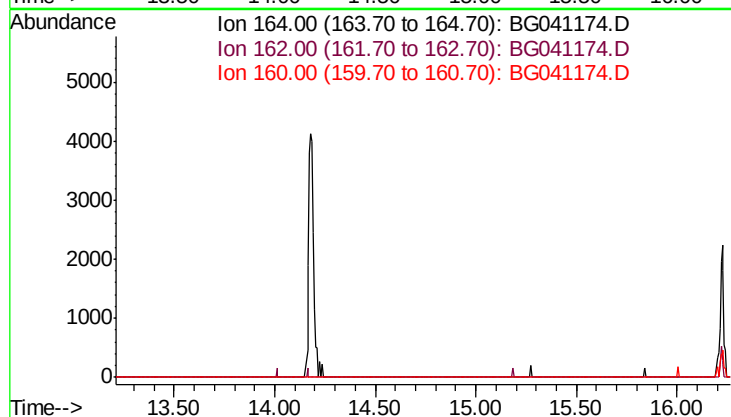
Tot Ion: 164

Sig Exp Ratio

164 100

162 103.7

160 44.5



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 16.22 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

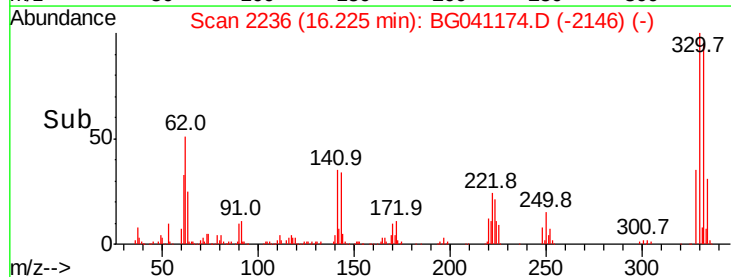
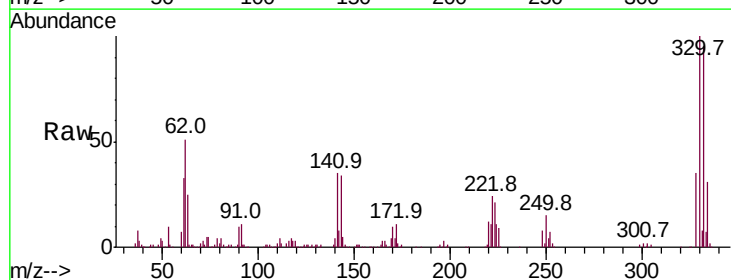
Tgt Ion: 330 Resp: 286621

Ion Ratio Lower Upper

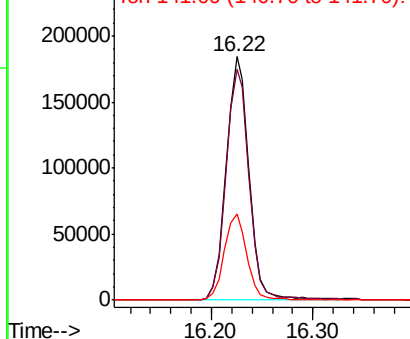
330 100

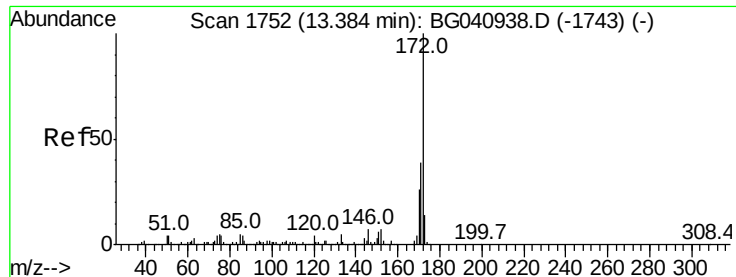
332 95.8 78.5 117.7

141 35.3 28.7 43.1



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: 0.000 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

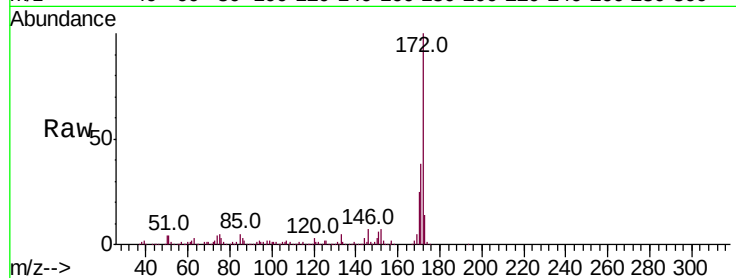
Tot Ion:172 Resp: 772953

Ion Ratio Lower Upper

172 100

171 37.9 31.1 46.7

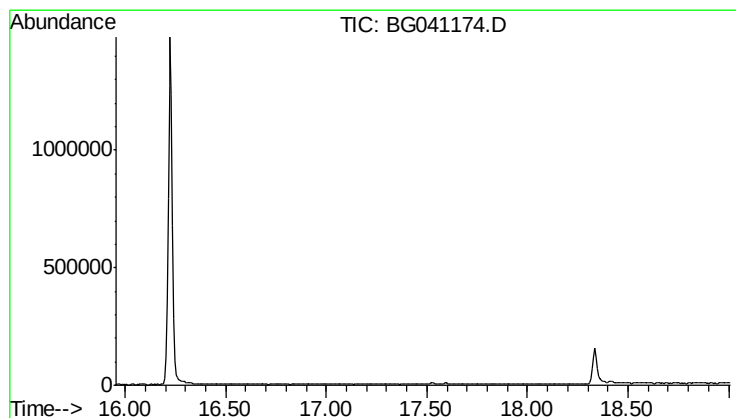
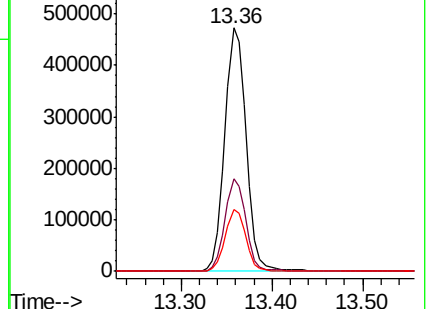
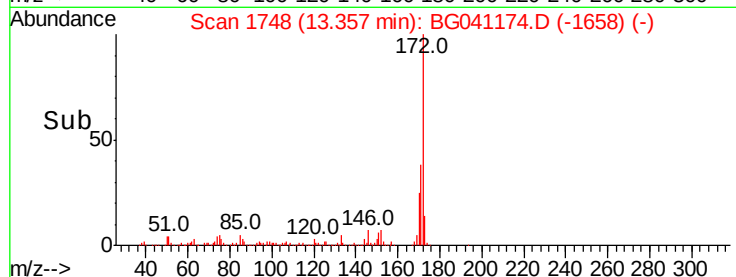
170 25.4 20.5 30.7



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



#64

Phenanthrene-d10

Concen: 0.000 ng

Expected RT: 17.48 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

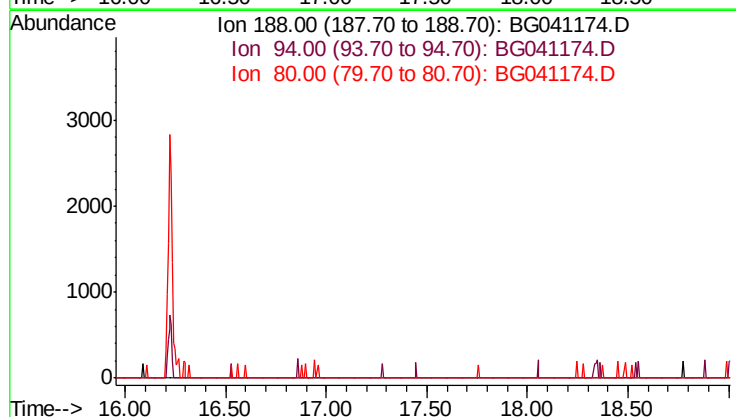
Tgt Ion: 188

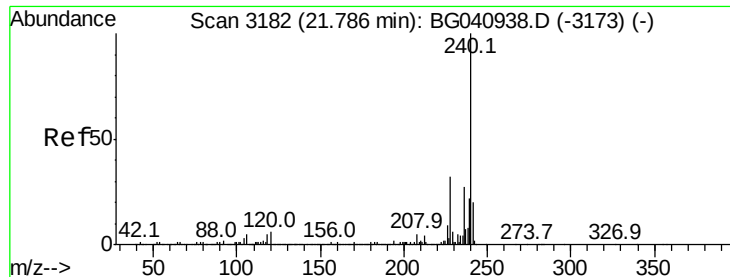
Sig Exp Ratio

188 100

94 5.9

80 7.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.04 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

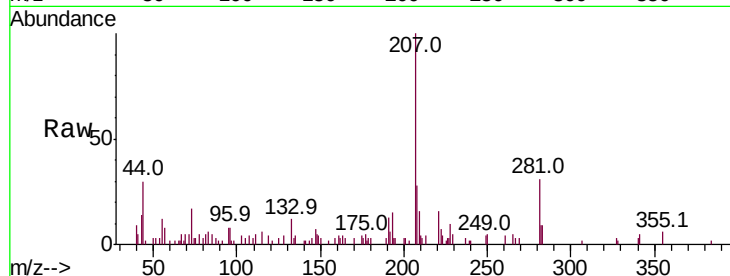
Tot Ion:240 Resp: 55

Ion Ratio Lower Upper

240 100

120 0.0 4.5 6.7#

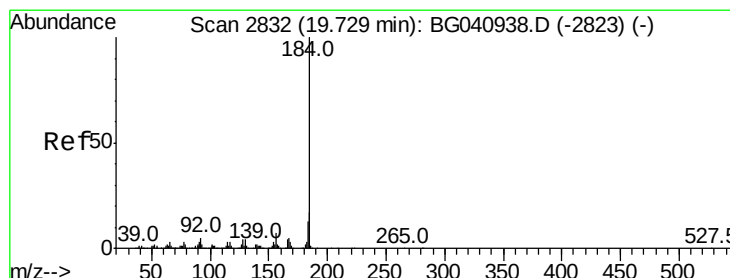
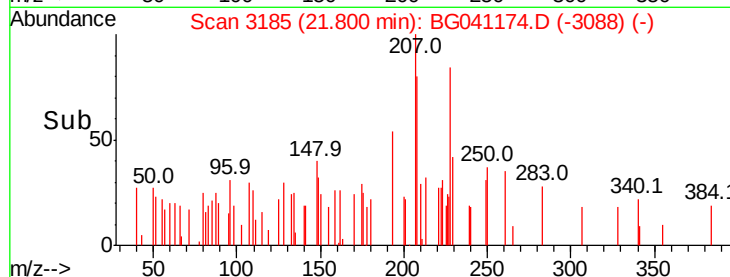
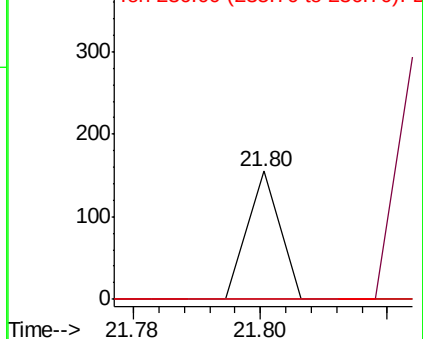
236 0.0 21.3 31.9#



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: 14922.536 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.37 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

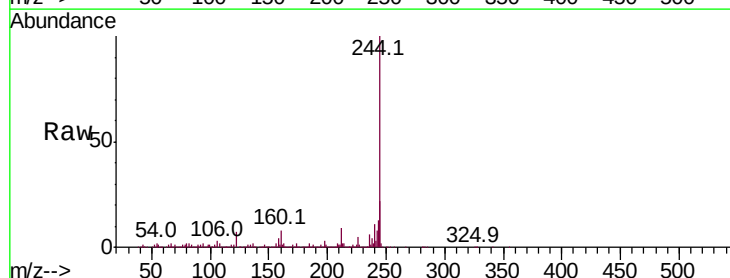
Tgt Ion:184 Resp: 19579

Ion Ratio Lower Upper

184 100

185 16.6 13.3 19.9

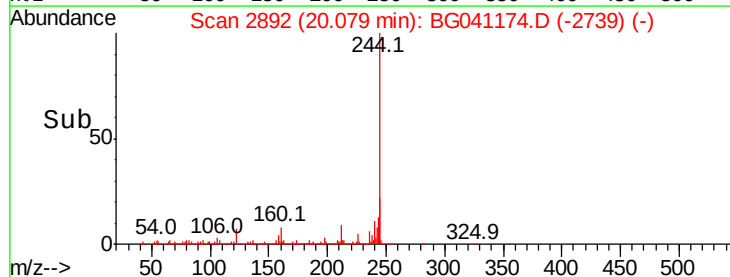
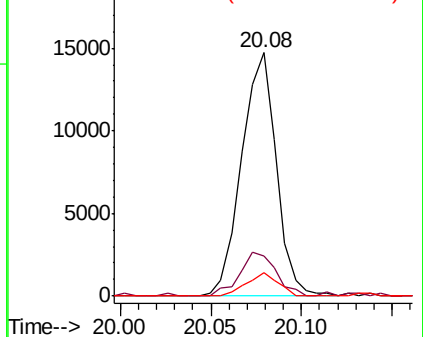
183 9.9 10.7 16.1#

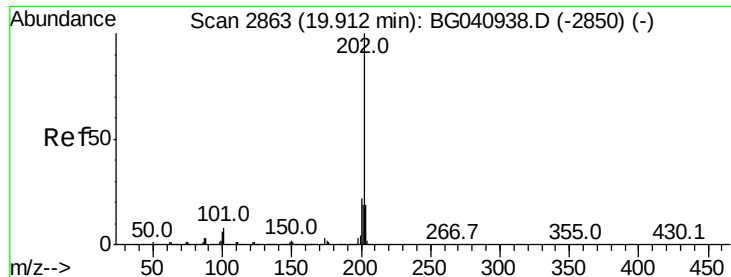


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 1614.660 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

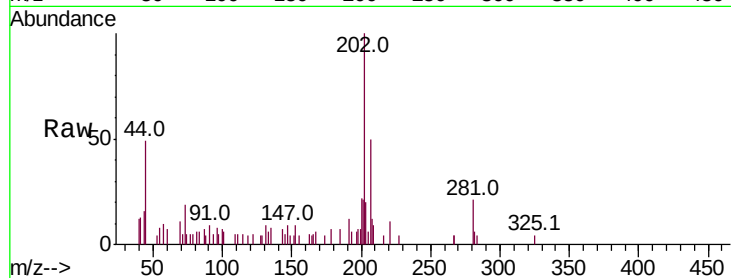
Tot Ion:202 Resp: 5773

Ion Ratio Lower Upper

202 100

200 22.2 17.5 26.3

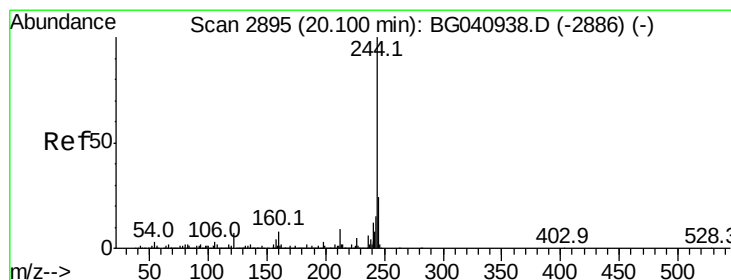
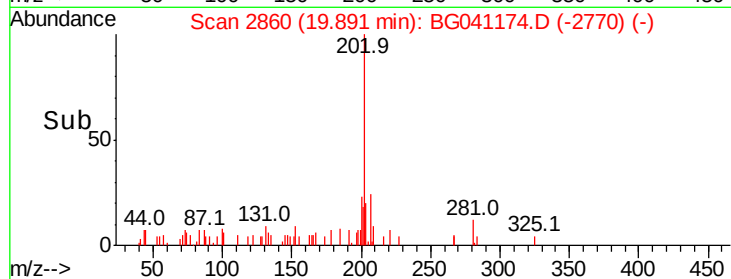
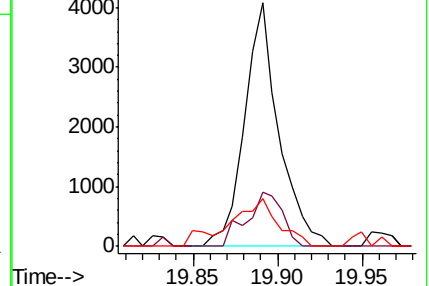
203 19.6 15.6 23.4



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: 479640.991 ng

RT: 20.08 min Scan# 2892

Delta R.T. 0.01 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

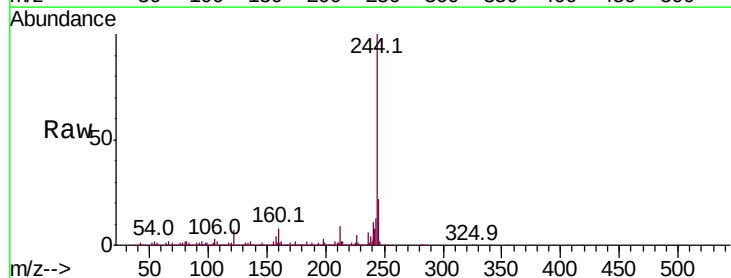
Tgt Ion:244 Resp: 1242977

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

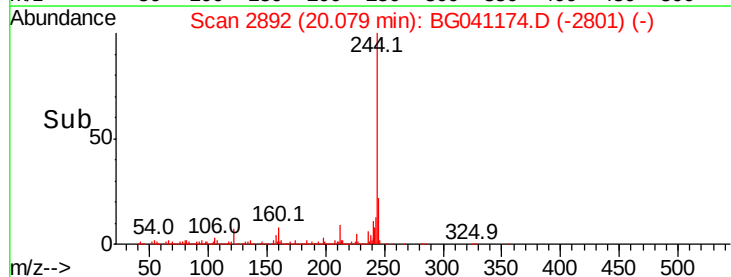
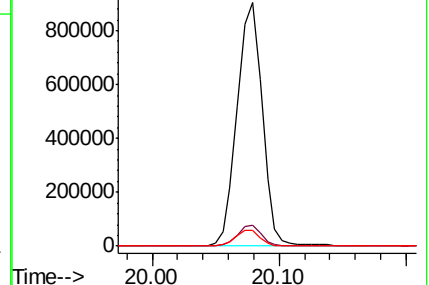
122 6.7 5.4 8.0

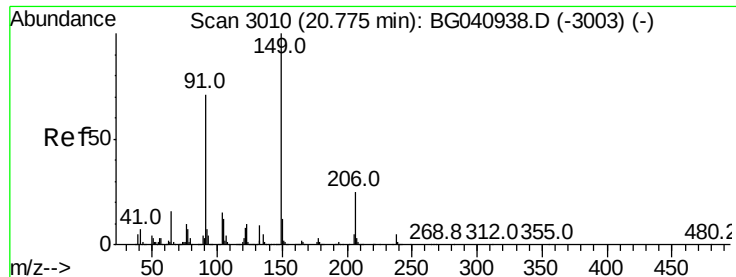


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

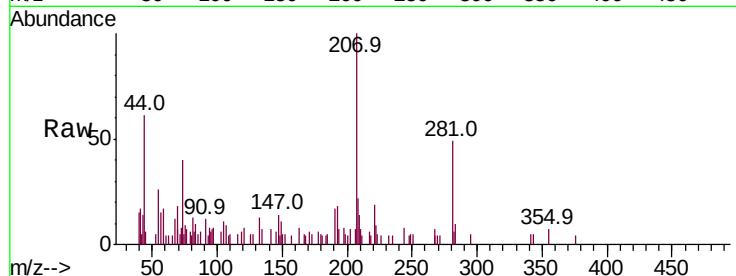




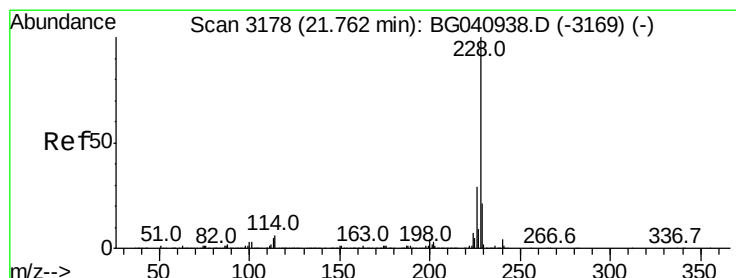
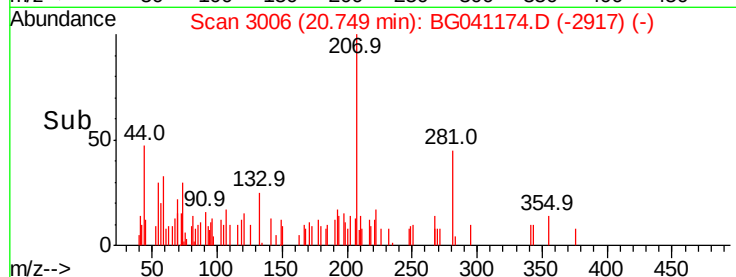
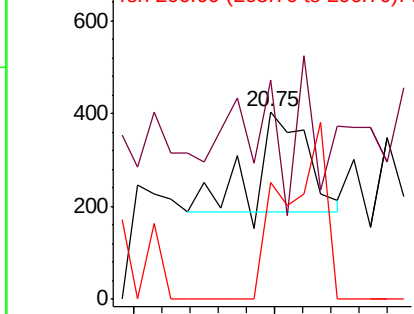
#80  
Butylbenzylphthalate  
Concen: 201.239 ng  
RT: 20.75 min Scan# 3006  
Delta R.T. -0.01 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

Instrument :  
BNA\_G  
ClientSampleId :  
B-01-(0-37)COMP

Tot Ion:149 Resp: 280  
Ion Ratio Lower Upper  
149 100  
91 116.6 56.5 84.7#  
206 62.1 20.3 30.5#

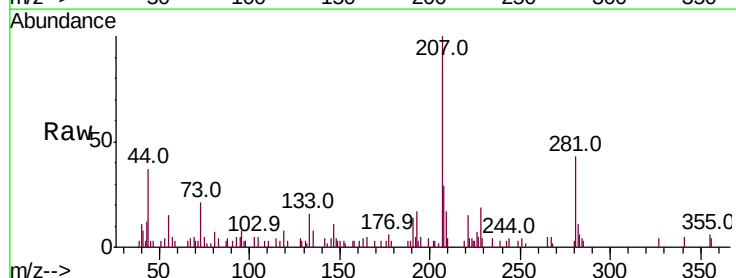


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E

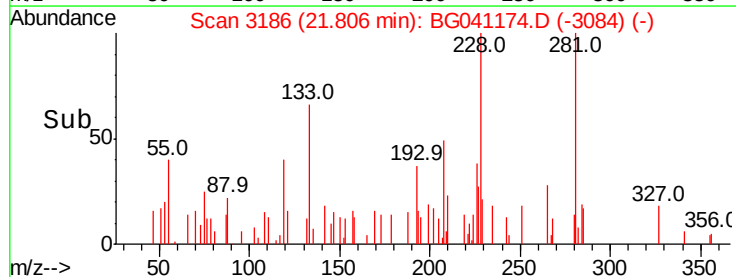
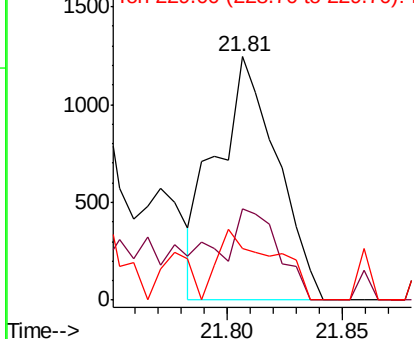


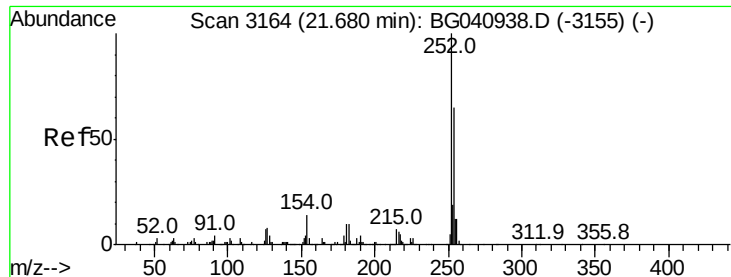
#81  
Benzo(a)anthracene  
Concen: 625.215 ng  
RT: 21.81 min Scan# 3186  
Delta R.T. 0.07 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

Tgt Ion:228 Resp: 2289  
Ion Ratio Lower Upper  
228 100  
226 37.6 23.5 35.3#  
229 21.3 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

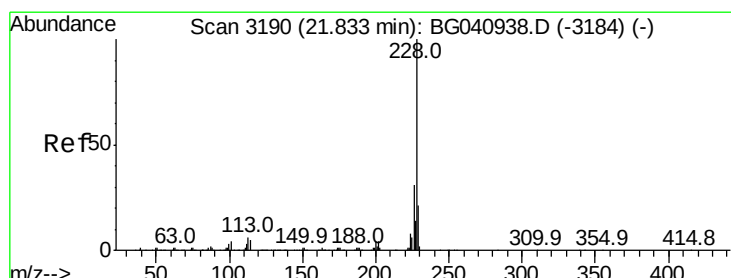
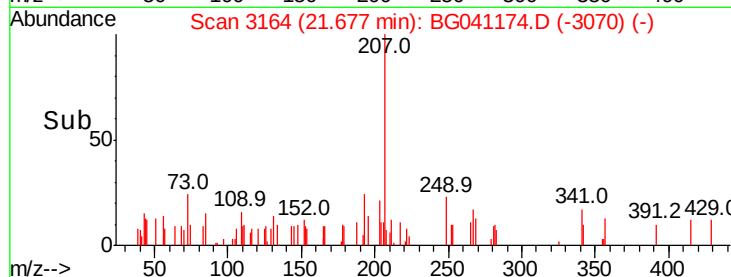
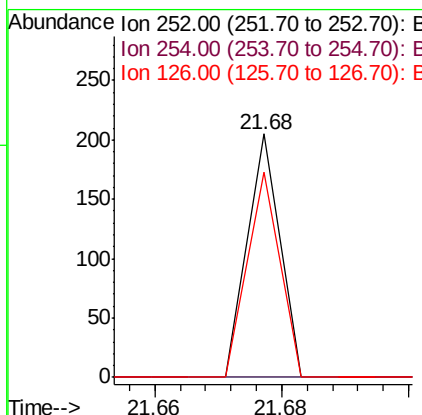
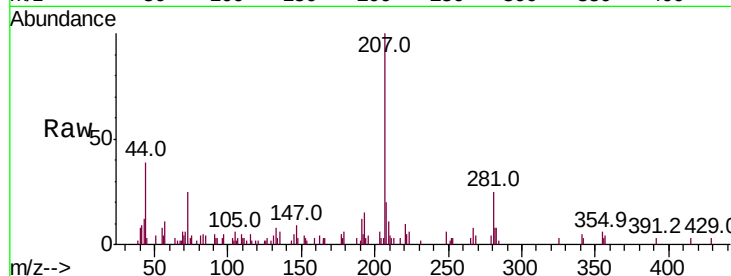




#82  
 3,3'-Dichlorobenzidine  
 Concen: 55.913 ng  
 RT: 21.68 min Scan# 3164  
 Delta R.T. 0.02 min  
 Lab File: BG041174.D  
 Acq: 10 Jun 2019 22:04

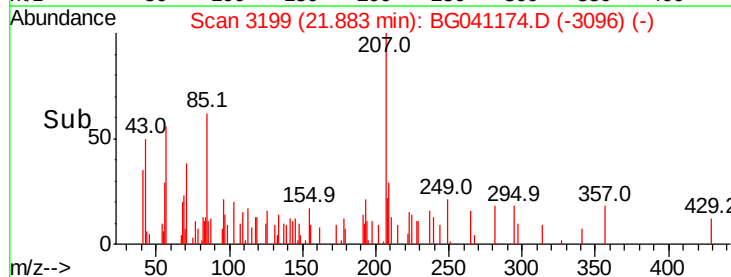
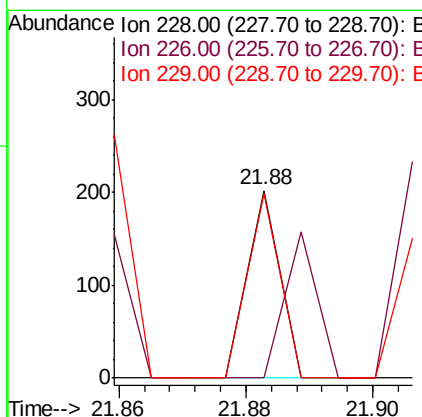
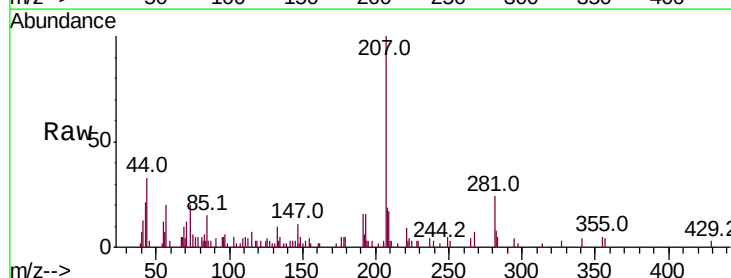
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-01-(0-37)COMP

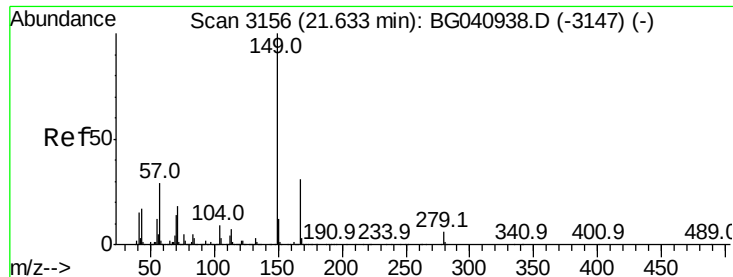
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 0.0   | 52.1  | 78.1# |
| 126     | 84.4  | 5.5   | 8.3#  |



#83  
 Chrysene  
 Concen: 20.265 ng  
 RT: 21.88 min Scan# 3199  
 Delta R.T. 0.08 min  
 Lab File: BG041174.D  
 Acq: 10 Jun 2019 22:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 0.0   | 24.6  | 37.0# |
| 229     | 98.5  | 16.6  | 24.8# |

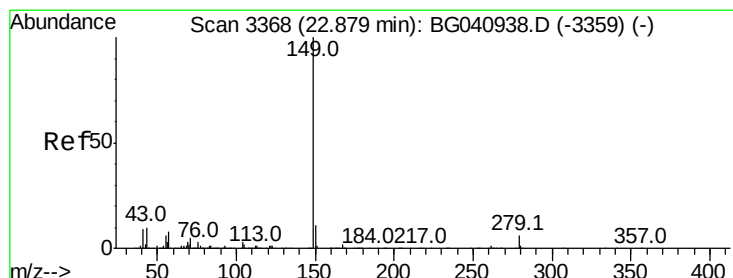
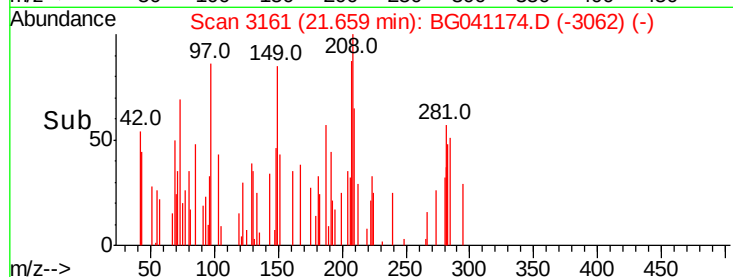
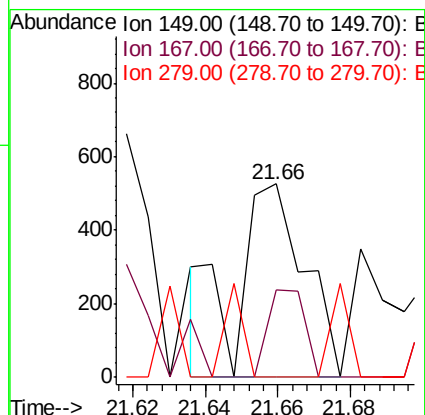
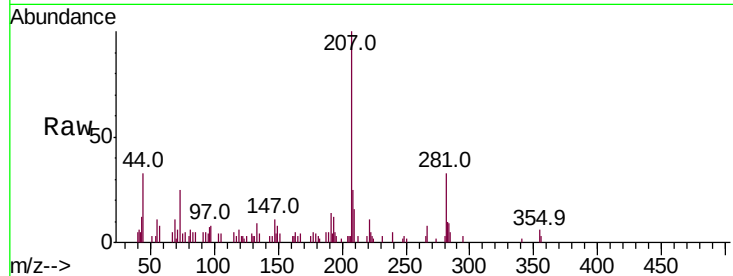




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 342.580 ng  
 RT: 21.66 min Scan# 3161  
 Delta R.T. 0.05 min  
 Lab File: BG041174.D  
 Acq: 10 Jun 2019 22:04

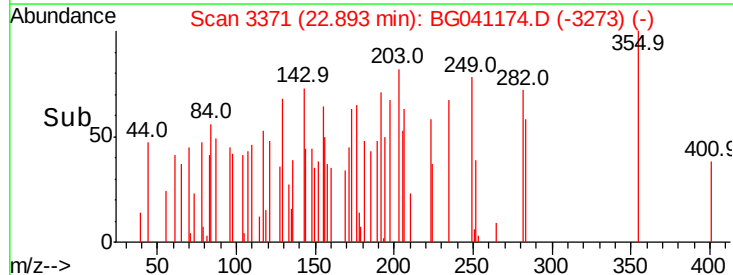
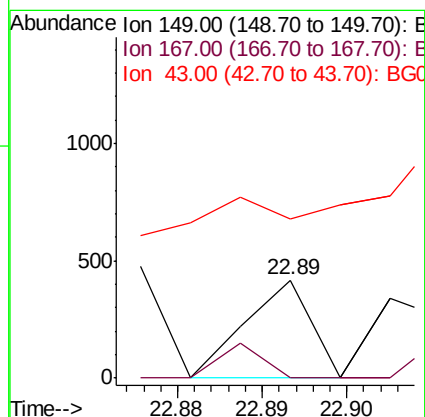
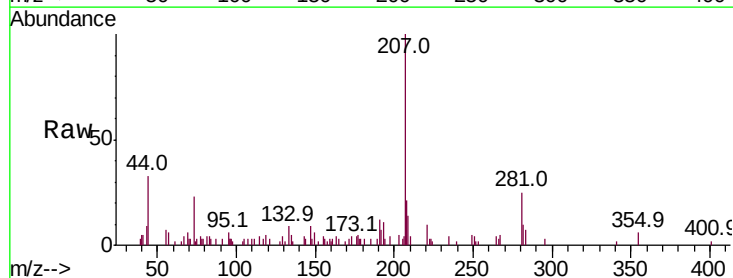
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-01-(0-37)COMP

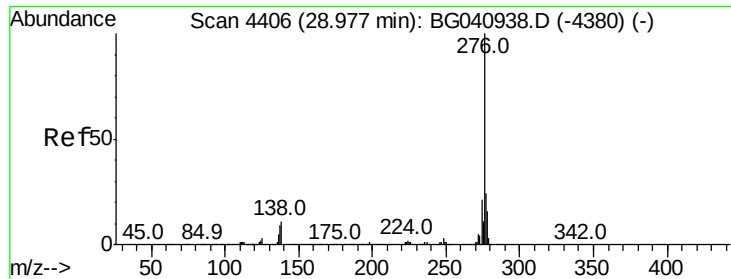
Tot Ion:149 Resp: 671  
 Ion Ratio Lower Upper  
 149 100  
 167 45.1 24.6 37.0#  
 279 0.0 5.0 7.6#



#85  
 Di-n-octyl phthalate  
 Concen: 68.975 ng  
 RT: 22.89 min Scan# 3371  
 Delta R.T. 0.05 min  
 Lab File: BG041174.D  
 Acq: 10 Jun 2019 22:04

Tgt Ion:149 Resp: 225  
 Ion Ratio Lower Upper  
 149 100  
 167 23.6 1.4 2.0#  
 43 0.0 8.1 12.1#

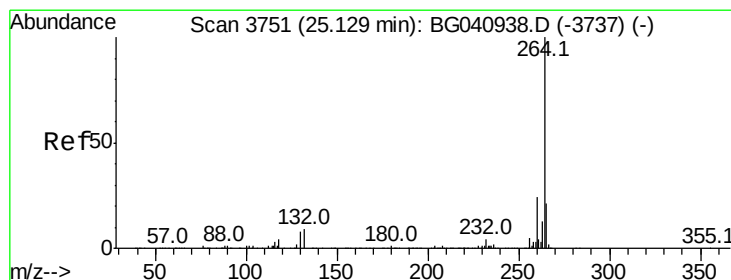
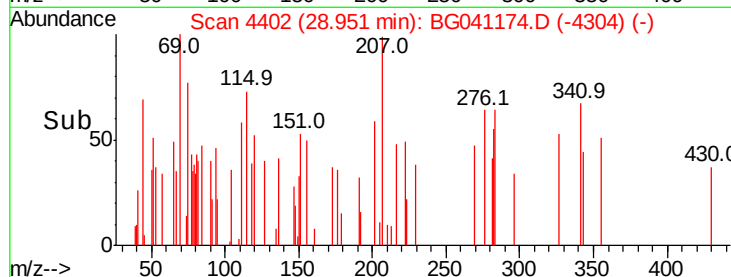
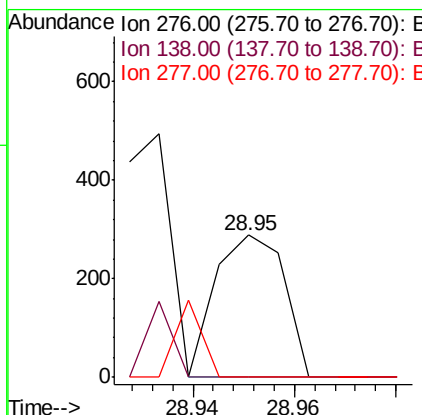
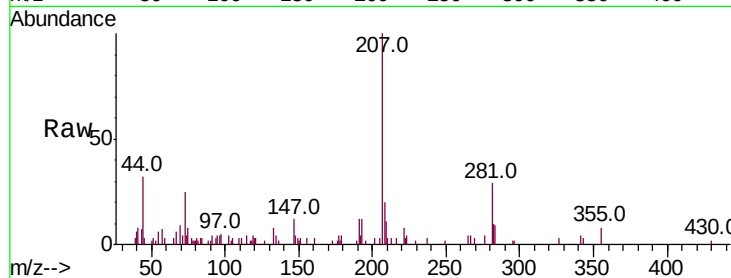




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 63.377 ng  
 RT: 28.95 min Scan# 4402  
 Delta R.T. 0.05 min  
 Lab File: BG041174.D  
 Acq: 10 Jun 2019 22:04

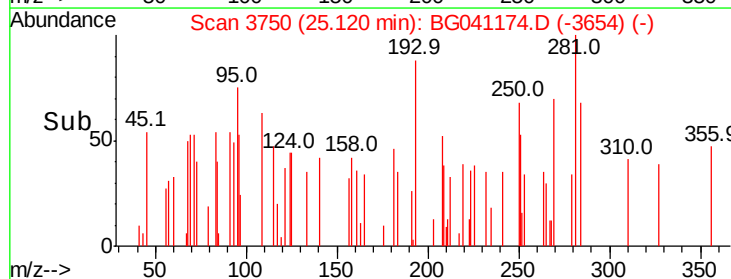
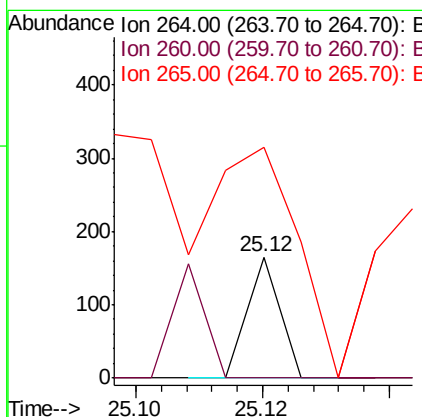
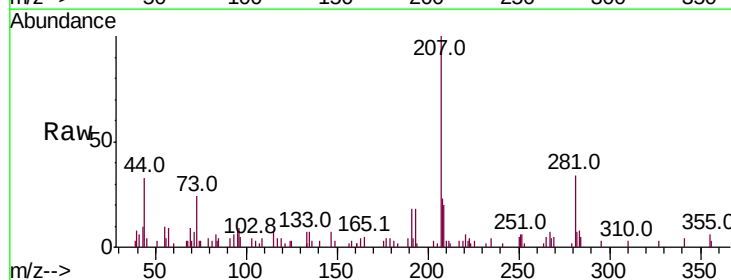
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-01-(0-37)COMP

Tot Ion:276 Resp: 272  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 5.7 8.5#  
 277 0.0 20.8 31.2#

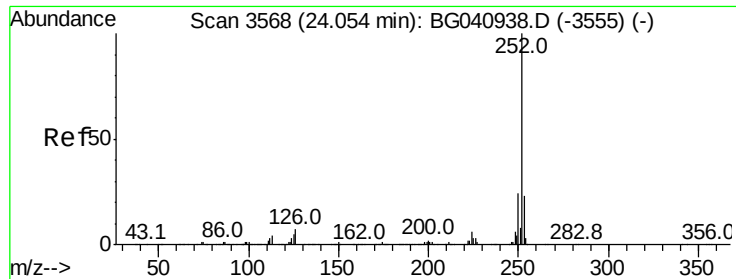


#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.12 min Scan# 3750  
 Delta R.T. 0.04 min  
 Lab File: BG041174.D  
 Acq: 10 Jun 2019 22:04

Tgt Ion:264 Resp: 58  
 Ion Ratio Lower Upper  
 264 100  
 260 0.0 19.0 28.4#  
 265 190.9 17.0 25.4#



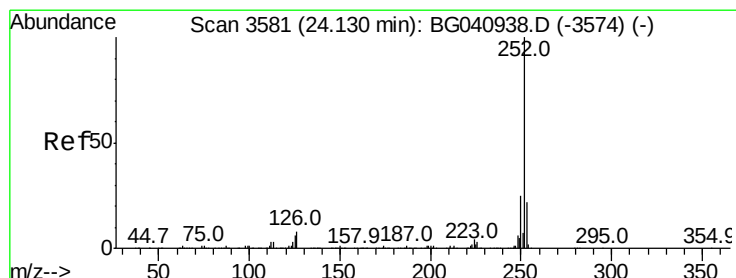
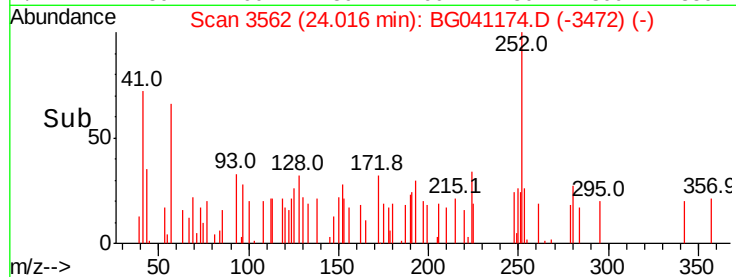
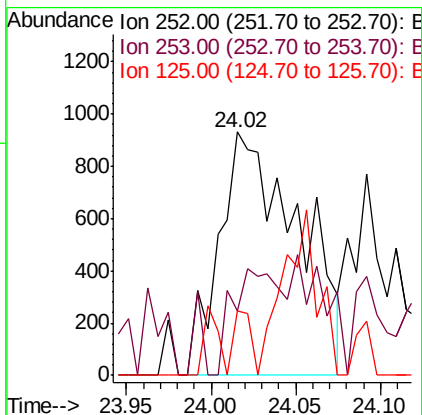
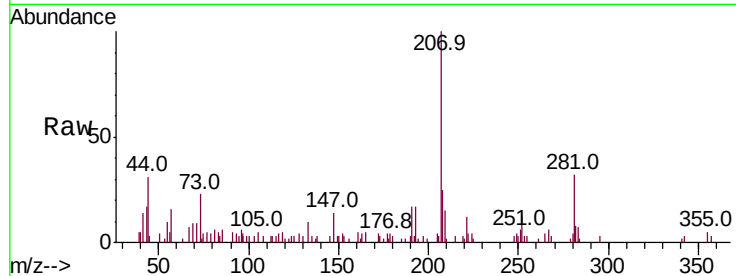




#88  
Benzo(b)fluoranthene  
Concen: 862.731 ng  
RT: 24.02 min Scan# 3562  
Delta R.T. -0.00 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

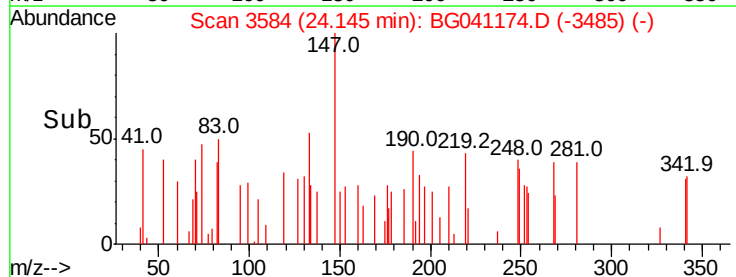
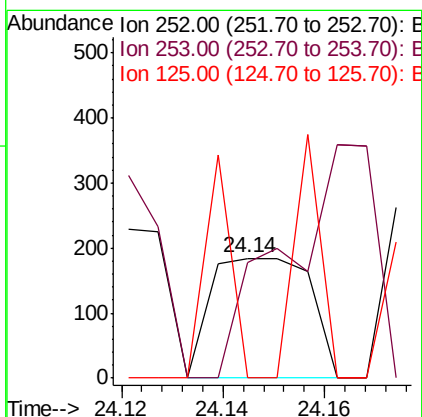
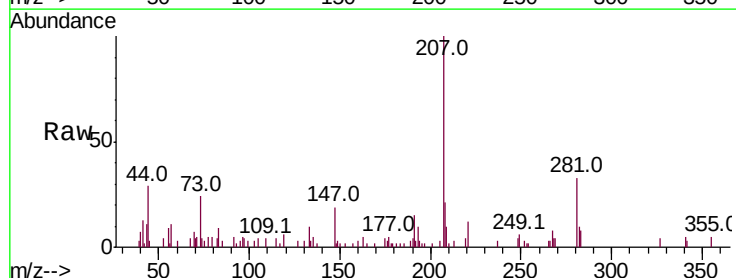
Instrument :  
BNA\_G  
ClientSampleId :  
B-01-(0-37)COMP

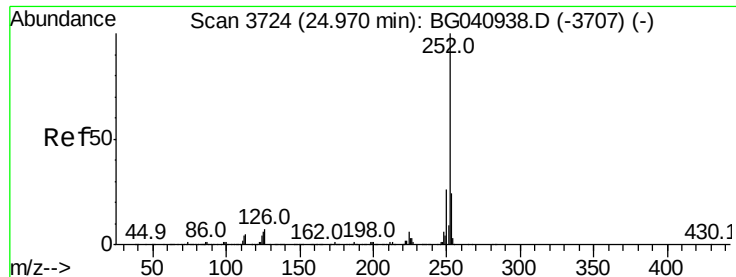
Tot Ion:252 Resp: 3035  
Ion Ratio Lower Upper  
252 100  
253 26.4 18.4 27.6  
125 26.4 4.3 6.5#



#89  
Benzo(k)fluoranthene  
Concen: 71.527 ng  
RT: 24.14 min Scan# 3584  
Delta R.T. 0.05 min  
Lab File: BG041174.D  
Acq: 10 Jun 2019 22:04

Tgt Ion:252 Resp: 249  
Ion Ratio Lower Upper  
252 100  
253 183.2 17.8 26.6#  
125 0.0 4.7 7.1#





#90

Benzo(a)pyrene

Concen: 510.678 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.01 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

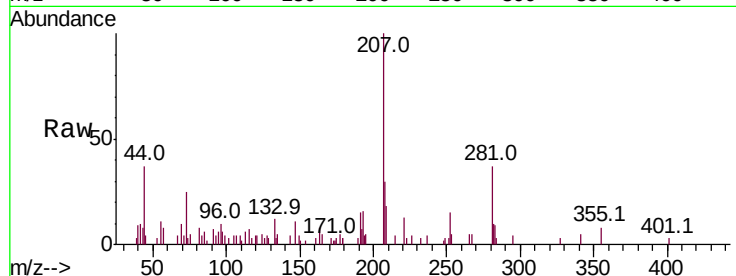
Tot Ion:252 Resp: 1714

Ion Ratio Lower Upper

252 100

253 34.5 19.5 29.3#

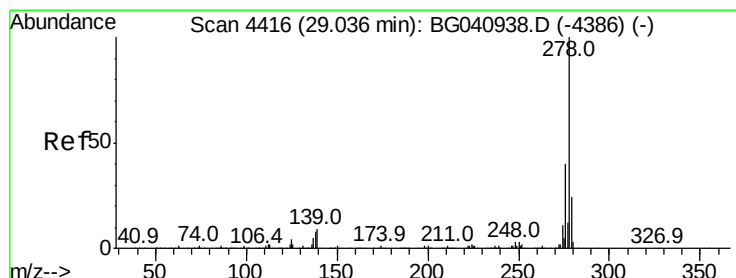
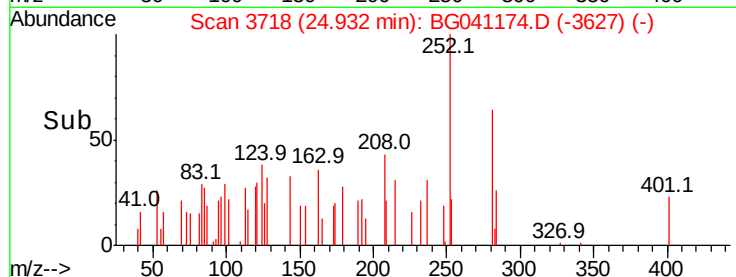
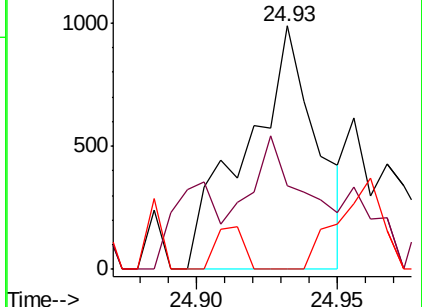
125 0.0 5.1 7.7#



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



#91

Dibenzo(a,h)anthracene

Concen: 21.171 ng

RT: 29.00 min Scan# 4410

Delta R.T. 0.04 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

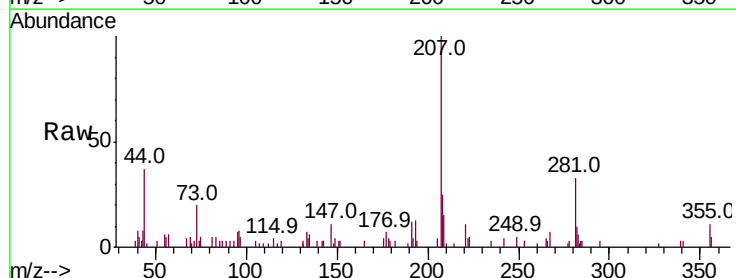
Tgt Ion:278 Resp: 71

Ion Ratio Lower Upper

278 100

139 114.9 7.1 10.7#

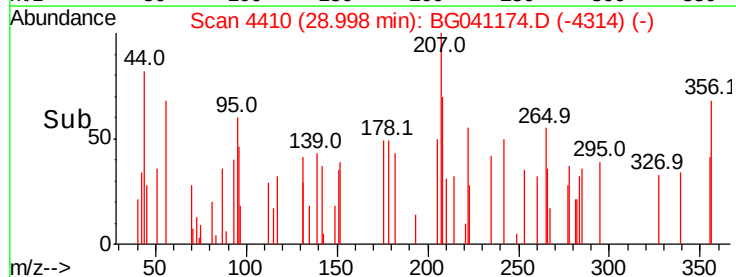
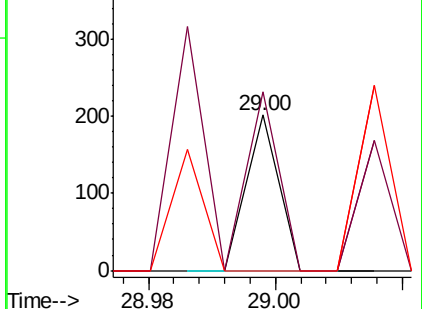
279 0.0 19.4 29.2#

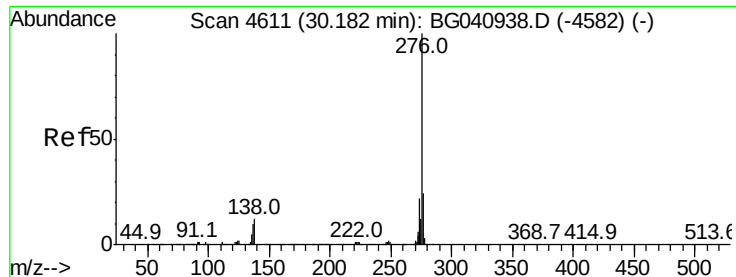


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 71.205 ng

RT: 30.14 min Scan# 4605

Delta R.T. 0.03 min

Lab File: BG041174.D

Acq: 10 Jun 2019 22:04

Instrument :

BNA\_G

ClientSampleId :

B-01-(0-37)COMP

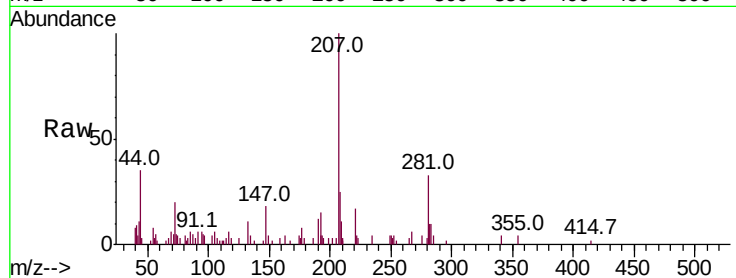
Tot Ion:276 Resp: 232

Ion Ratio Lower Upper

276 100

277 0.0 19.4 29.0#

138 58.5 9.7 14.5#



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

