

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG060719\  
 Data File : BG041111.D  
 Acq On : 7 Jun 2019 23:41  
 Operator : HP/JU  
 Sample : PB120405BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

Quant Time: Jun 08 07:02:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 35978    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.93 | 136  | 151343   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.74 | 164  | 120332   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.48 | 188  | 316283   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.76 | 240  | 316323   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.08 | 264  | 337667   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 284703  | 142.69 | ng | -0.02 |
| 7) Phenol-d6             | 7.25  | 99  | 418595  | 135.85 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.28  | 82  | 278409  | 81.67  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 239279  | 133.94 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.36 | 172 | 685345  | 82.02  | ng | -0.02 |
| 79) Terphenyl-d14        | 20.07 | 244 | 1284364 | 86.17  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 36560  | 40.381 | ng | 94     |
| 3) Pyridine                    | 3.91  | 79  | 100467 | 37.501 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 56763  | 45.653 | ng | 96     |
| 6) Aniline                     | 7.43  | 93  | 132859 | 32.302 | ng | 99     |
| 8) 2-Chlorophenol              | 7.67  | 128 | 118337 | 49.749 | ng | 96     |
| 9) Benzaldehyde                | 7.24  | 77  | 36567  | 19.893 | ng | 89     |
| 10) Phenol                     | 7.28  | 94  | 163688 | 49.544 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 106287 | 44.345 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 119541 | 42.077 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 122518 | 42.604 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 121188 | 43.403 | ng | 98     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 135067 | 47.385 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45  | 162012 | 41.366 | ng | 99     |
| 17) 2-Methylphenol             | 8.54  | 107 | 114776 | 47.980 | ng | 100    |
| 18) Hexachloroethane           | 9.19  | 117 | 47163  | 42.552 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 100763 | 42.492 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 158951 | 47.969 | ng | 99     |
| 22) Acetophenone               | 8.93  | 105 | 193250 | 45.520 | ng | # 98   |
| 24) Nitrobenzene               | 9.33  | 77  | 159895 | 46.024 | ng | 97     |
| 25) Isophorone                 | 9.84  | 82  | 297491 | 45.854 | ng | 99     |
| 26) 2-Nitrophenol              | 10.03 | 139 | 71188  | 49.704 | ng | # 89   |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 129605 | 54.791 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 153734 | 43.904 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 147521 | 49.112 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 149032 | 43.614 | ng | 95     |
| 31) Naphthalene                | 10.98 | 128 | 376344 | 46.315 | ng | 99     |
| 32) Benzoic acid               | 10.23 | 122 | 80627  | 44.541 | ng | 93     |
| 33) 4-Chloroaniline            | 11.09 | 127 | 90695  | 24.055 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.24 | 225 | 108370 | 41.448 | ng | 98     |
| 35) Caprolactam                | 11.88 | 113 | 30161  | 30.406 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 170391 | 49.669 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 295839 | 47.271 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.80 | 142 | 280324 | 47.533 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 215104 | 44.351 | ng | # 99   |

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 Sample : PB120405BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

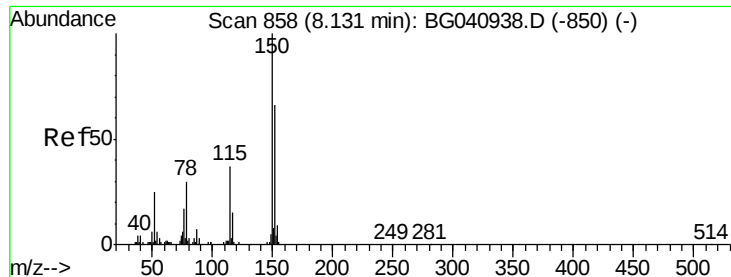
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

Quant Time: Jun 08 07:02:09 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.90 | 237  | 278697   | 104.130 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 145233   | 46.289  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 160109   | 48.386  | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 410688   | 46.107  | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 340787   | 44.567  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 125680   | 45.814  | ng    | 95       |
| 49) Acenaphthylene             | 14.46 | 152  | 531644   | 46.195  | ng    | 98       |
| 50) Dimethylphthalate          | 14.19 | 163  | 458738   | 45.035  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 103131   | 46.958  | ng    | 98       |
| 52) Acenaphthene               | 14.80 | 154  | 318530   | 45.688  | ng    | 96       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 69900    | 31.829  | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 137968   | 105.977 | ng    | 95       |
| 55) Dibenzofuran               | 15.13 | 168  | 554858   | 47.297  | ng    | 99       |
| 56) 4-Nitrophenol              | 14.95 | 139  | 159903   | 106.152 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 149841   | 48.299  | ng    | 96       |
| 58) Fluorene                   | 15.78 | 166  | 439626   | 47.056  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 164579   | 50.610  | ng    | 97       |
| 60) Diethylphthalate           | 15.54 | 149  | 478236   | 46.005  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 278488   | 45.860  | ng    | 96       |
| 62) 4-Nitroaniline             | 15.82 | 138  | 103489   | 44.511  | ng    | 98       |
| 63) Azobenzene                 | 16.06 | 77   | 440933   | 46.669  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 91683    | 53.005  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 402168   | 45.233  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 180722   | 42.340  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 191026   | 42.029  | ng    | 98       |
| 69) Atrazine                   | 16.93 | 200  | 170837   | 49.797  | ng    | 98       |
| 70) Pentachlorophenol          | 17.13 | 266  | 230736   | 93.979  | ng    | 99       |
| 71) Phenanthrene               | 17.52 | 178  | 761365   | 46.214  | ng    | 99       |
| 72) Anthracene                 | 17.62 | 178  | 774006   | 47.636  | ng    | 100      |
| 73) Carbazole                  | 17.89 | 167  | 668891   | 47.977  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 781427   | 45.096  | ng    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 984636   | 48.387  | ng    | 100      |
| 77) Benzidine                  | 19.71 | 184  | 408439   | 54.127  | ng    | 97       |
| 78) Pyrene                     | 19.89 | 202  | 974231   | 47.378  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 369158   | 46.132  | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 945366   | 44.897  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 220397   | 29.759  | ng    | 100      |
| 83) Chrysene                   | 21.81 | 228  | 925605   | 45.935  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 505120   | 44.840  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 858569   | 45.763  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 1128099  | 45.703  | ng    | # 99     |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 946075   | 46.194  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 938403   | 46.302  | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 939565   | 48.084  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.98 | 278  | 921311   | 47.187  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.12 | 276  | 930973   | 49.079  | ng    | 98       |

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



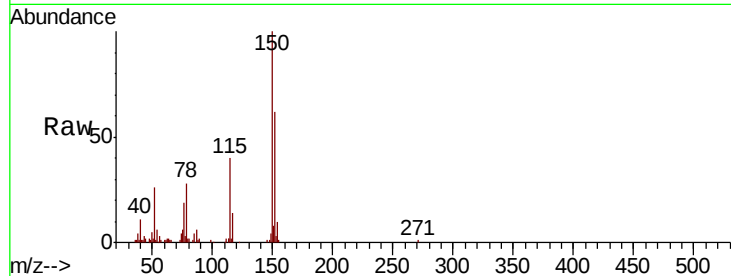


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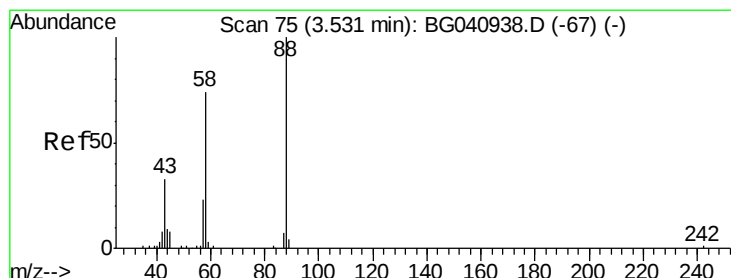
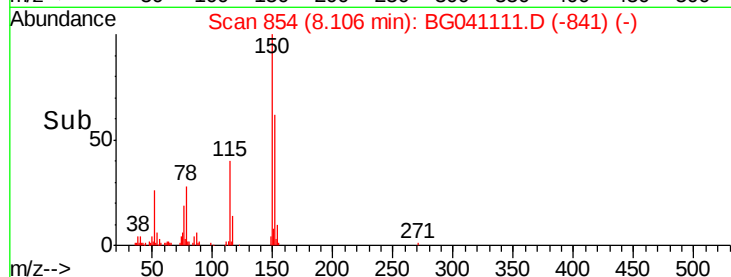
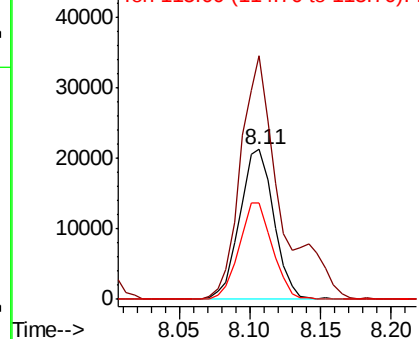
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 854  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

Tgt Ion:152 Resp: 35978  
Ion Ratio Lower Upper  
152 100  
150 162.5 120.6 180.8  
115 64.8 45.1 67.7



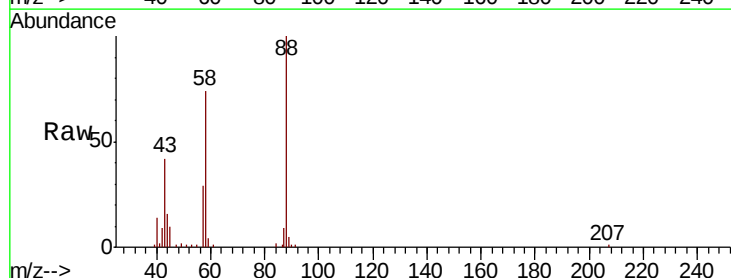
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



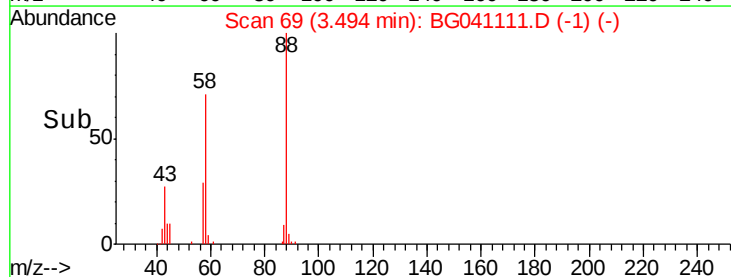
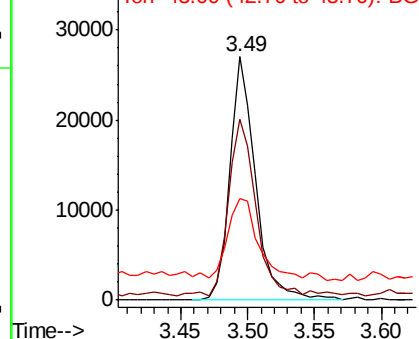
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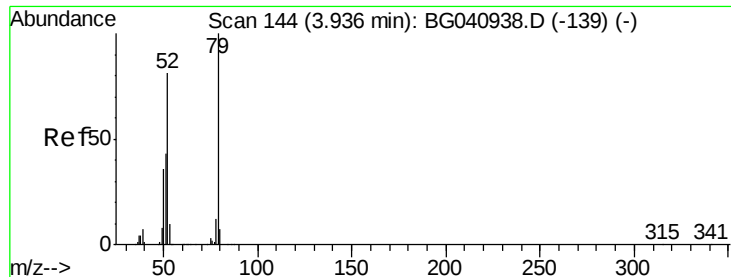
1,4-Dioxane  
Concen: 40.381 ng  
RT: 3.49 min Scan# 69  
Delta R.T. -0.04 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion: 88 Resp: 36560  
Ion Ratio Lower Upper  
88 100  
58 78.4 59.0 88.6  
43 37.6 27.2 40.8



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





#3

Pyridine

Concen: 37.501 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.03 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

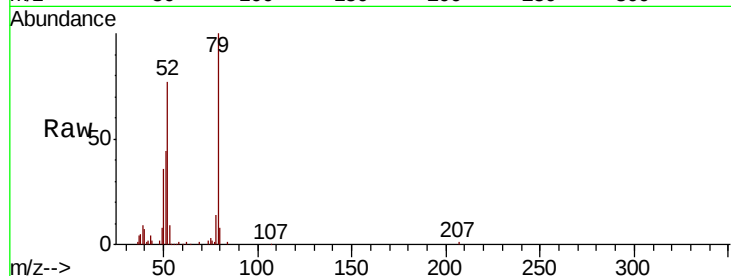
Tgt Ion: 79 Resp: 100467

Ion Ratio Lower Upper

79 100

52 77.3 64.8 97.2

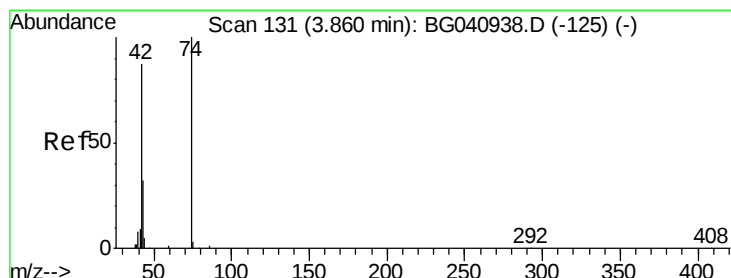
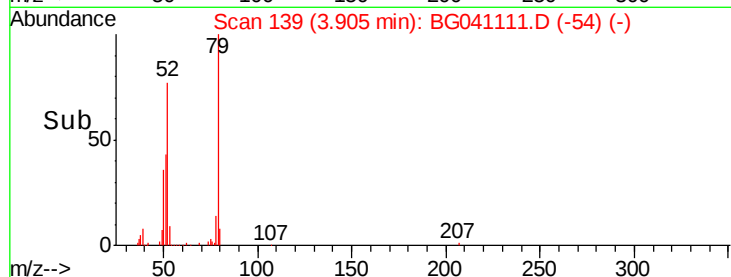
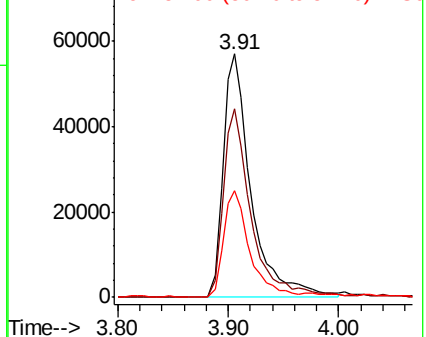
51 43.8 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.653 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.03 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

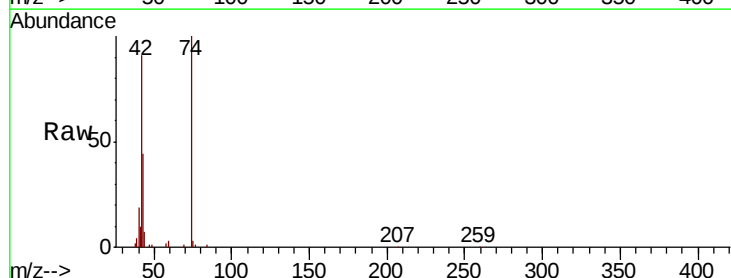
Tgt Ion: 42 Resp: 56763

Ion Ratio Lower Upper

42 100

74 110.4 91.8 137.6

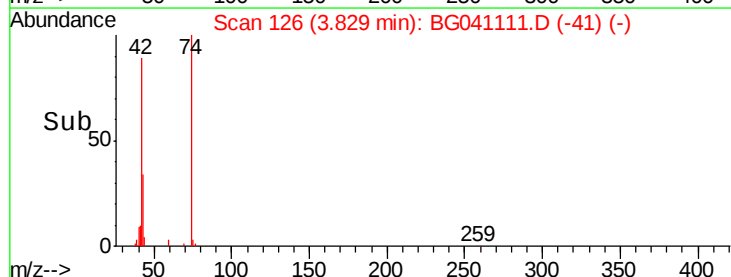
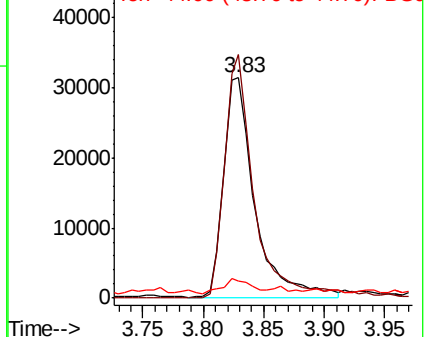
44 7.6 6.0 9.0

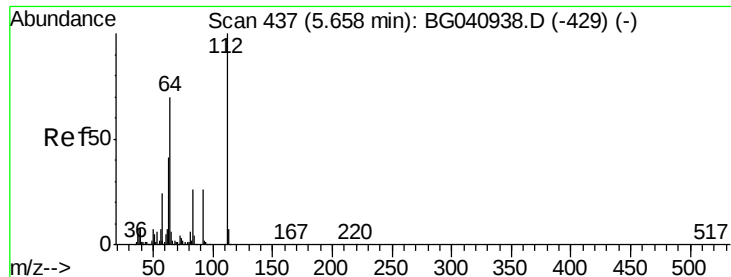


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.693 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

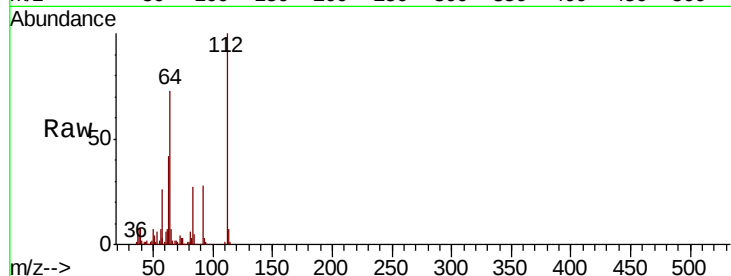
Tgt Ion: 112 Resp: 284703

Ion Ratio Lower Upper

112 100

64 72.5 56.2 84.2

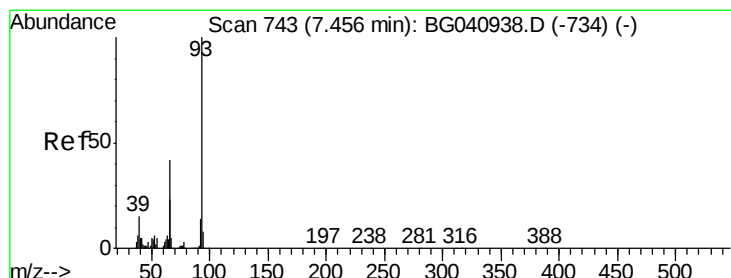
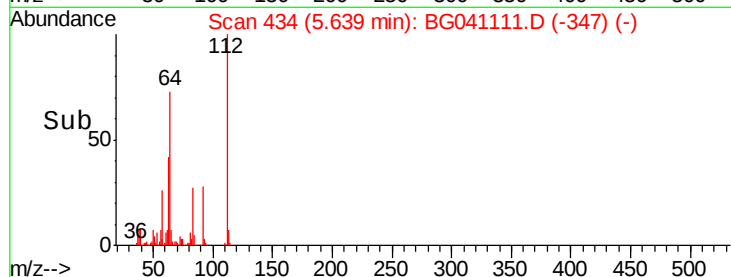
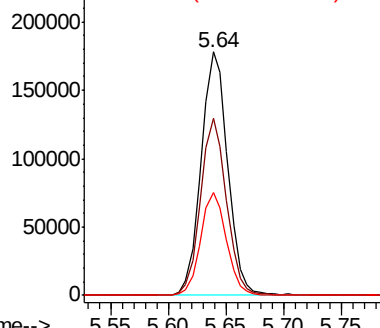
63 42.3 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.302 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

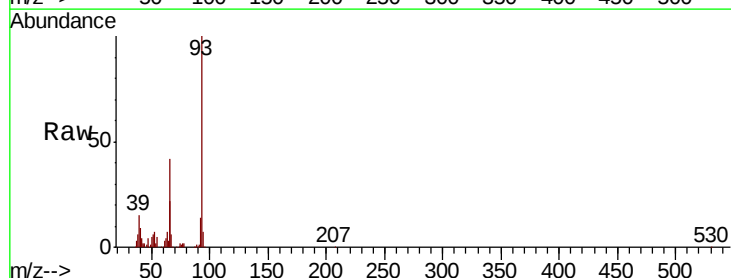
Tgt Ion: 93 Resp: 132859

Ion Ratio Lower Upper

93 100

66 42.3 33.8 50.8

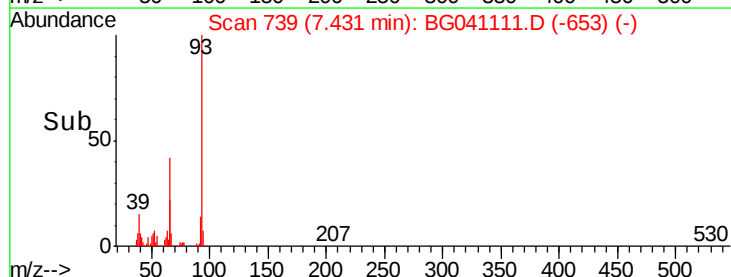
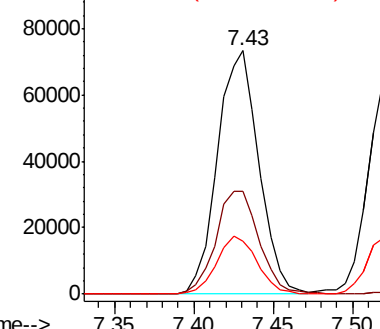
65 21.9 18.3 27.5

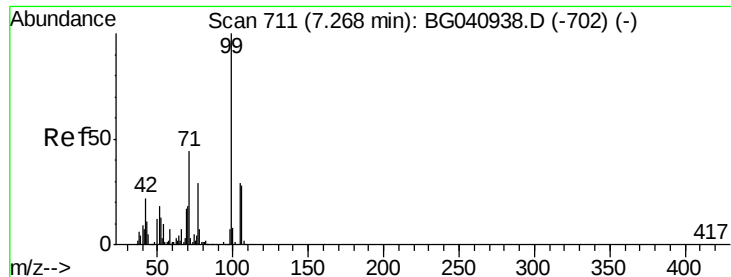


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.845 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

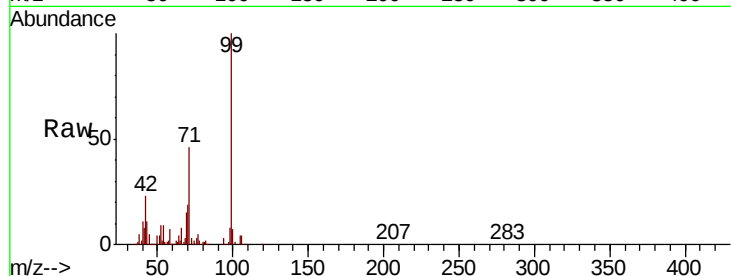
Tgt Ion: 99 Resp: 418595

Ion Ratio Lower Upper

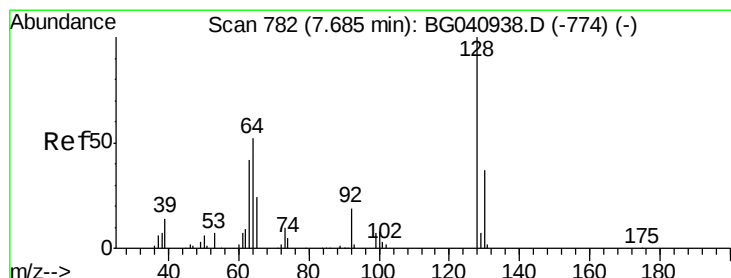
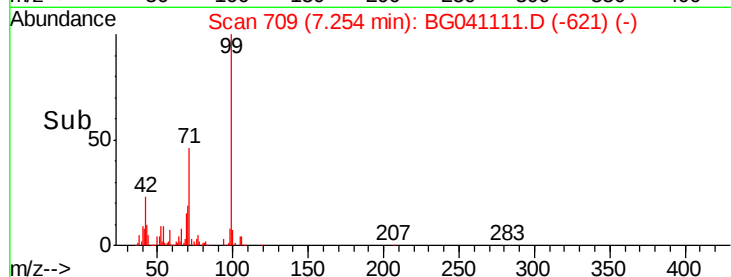
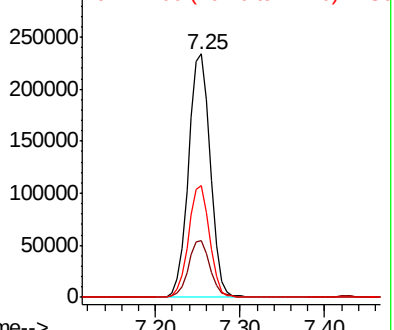
99 100

42 23.2 17.9 26.9

71 46.2 35.4 53.0



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: 49.749 ng

RT: 7.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

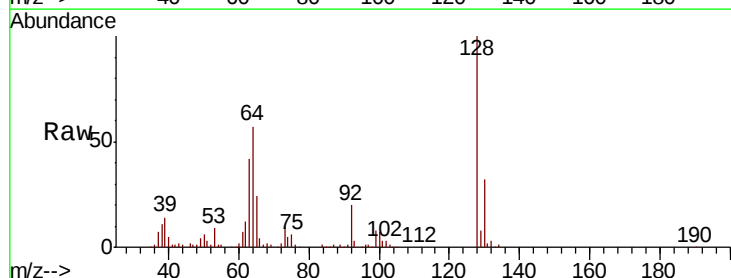
Tgt Ion: 128 Resp: 118337

Ion Ratio Lower Upper

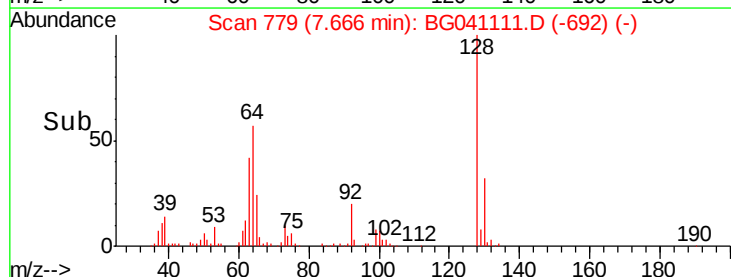
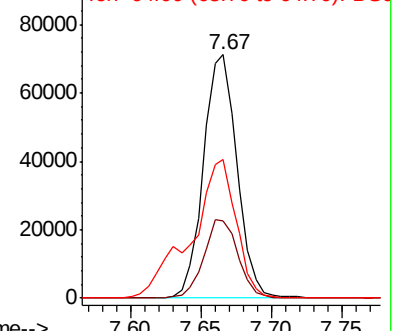
128 100

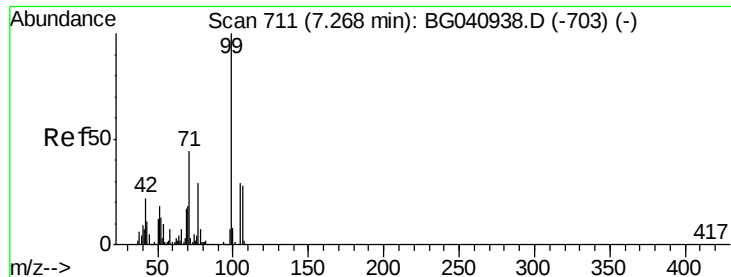
130 31.8 16.6 56.6

64 56.9 37.8 77.8



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





#9

Benzaldehyde

Concen: 19.893 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

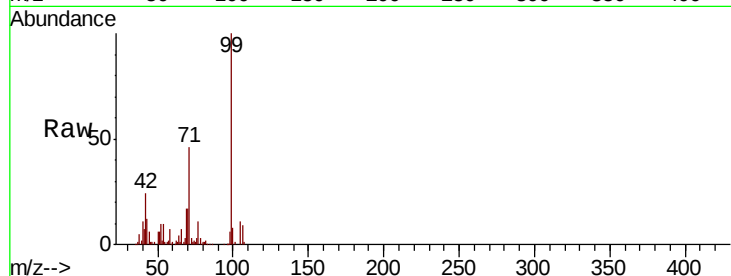
Tgt Ion: 77 Resp: 36567

Ion Ratio Lower Upper

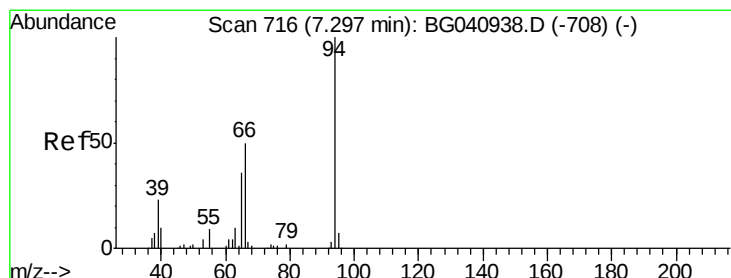
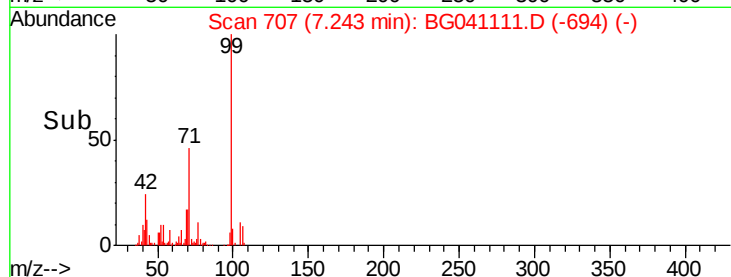
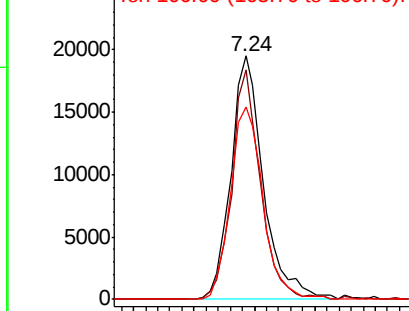
77 100

105 94.2 78.9 118.9

106 79.2 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 49.544 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

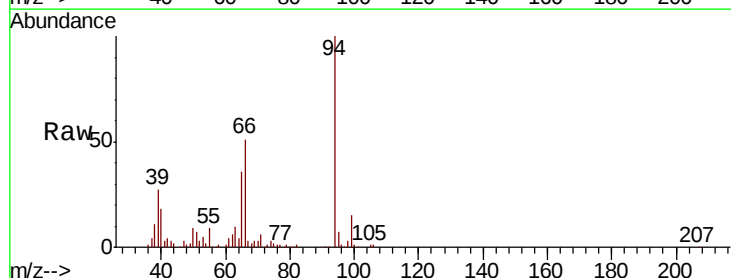
Tgt Ion: 94 Resp: 163688

Ion Ratio Lower Upper

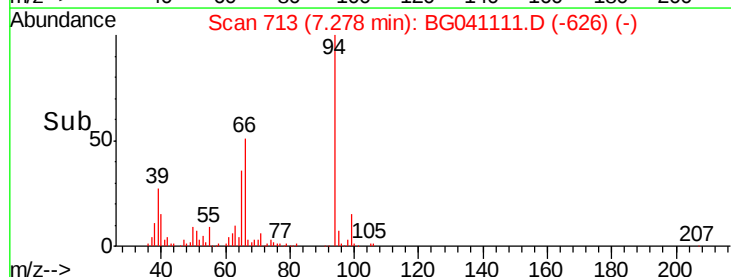
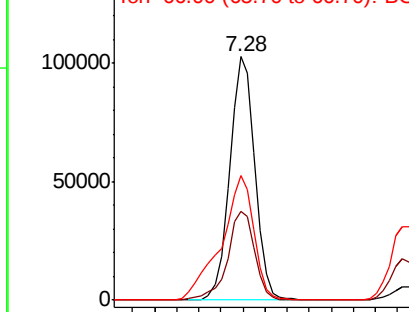
94 100

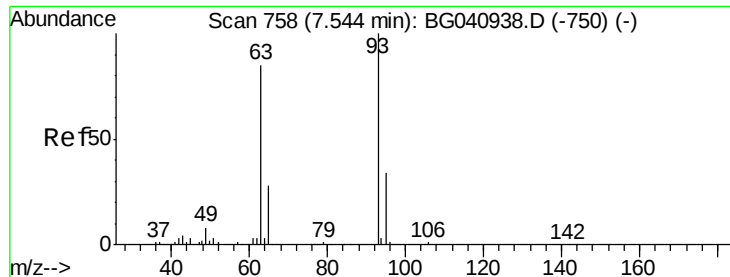
65 36.3 17.0 57.0

66 51.4 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

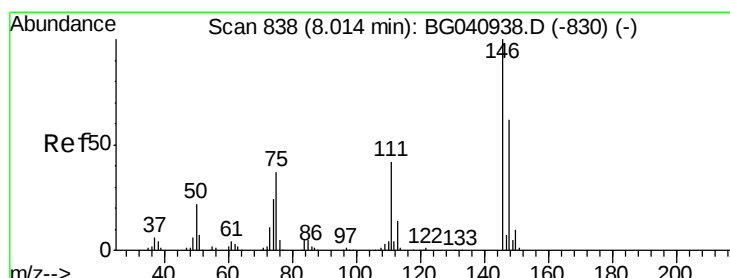
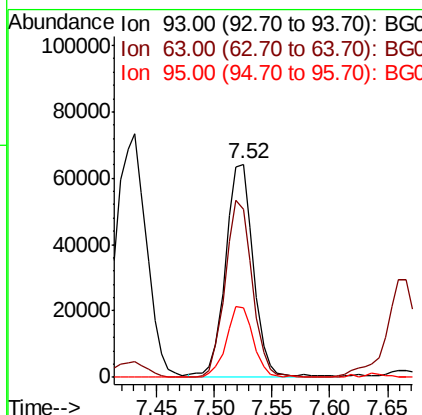
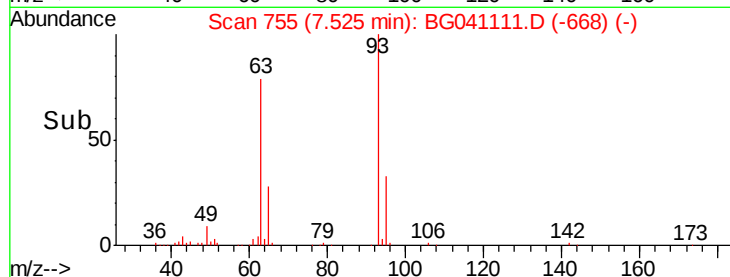
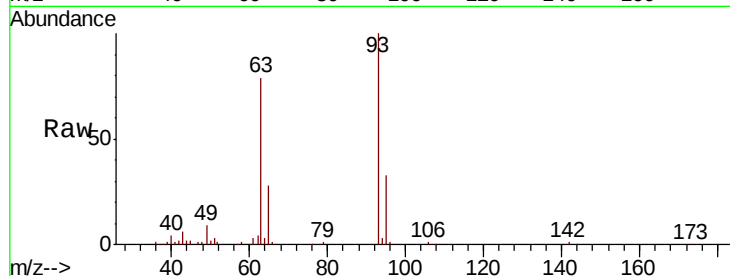




#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.345 ng  
 RT: 7.52 min Scan# 755  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

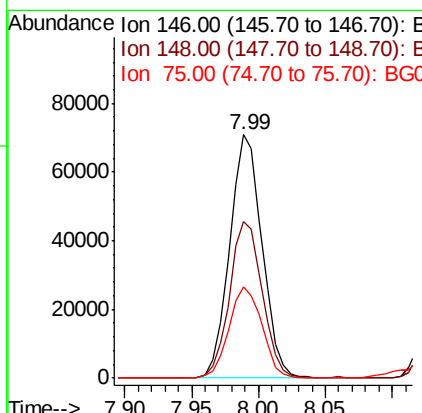
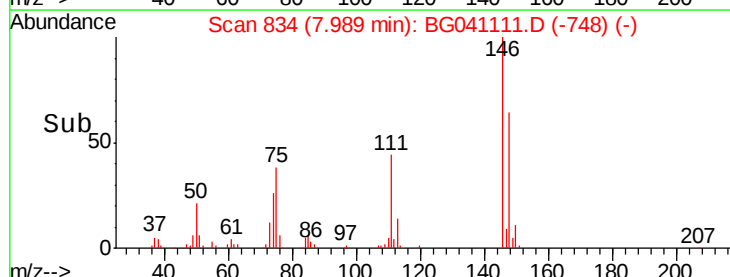
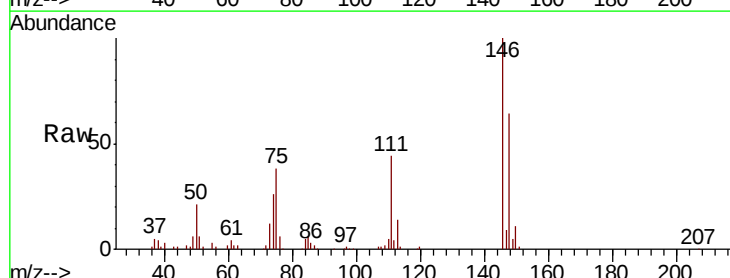
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

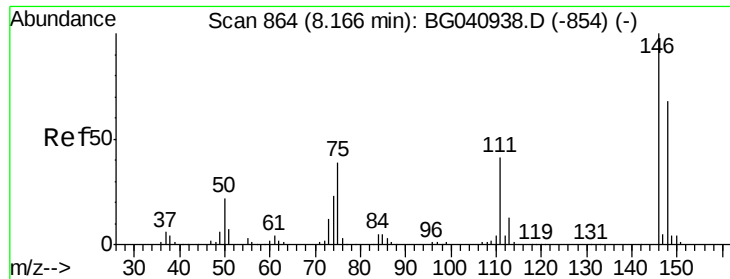
Tgt Ion: 93 Resp: 106287  
 Ion Ratio Lower Upper  
 93 100  
 63 79.1 64.5 104.5  
 95 32.6 13.3 53.3



#12  
 1,3-Dichlorobenzene  
 Concen: 42.077 ng  
 RT: 7.99 min Scan# 834  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Tgt Ion: 146 Resp: 119541  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 49.2 73.8  
 75 37.5 29.4 44.0

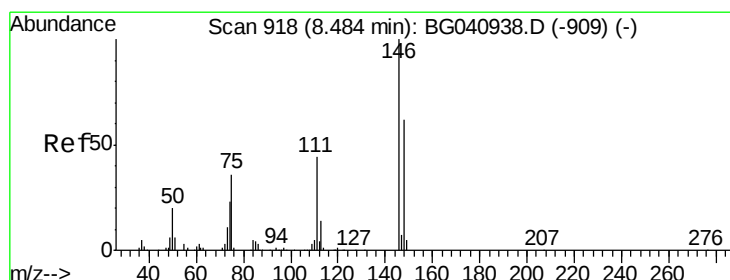
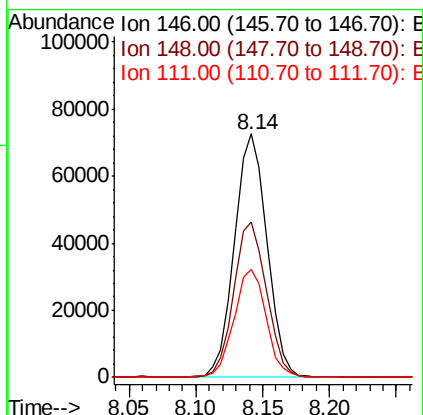
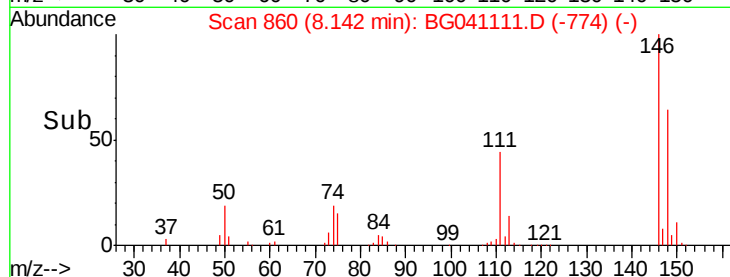
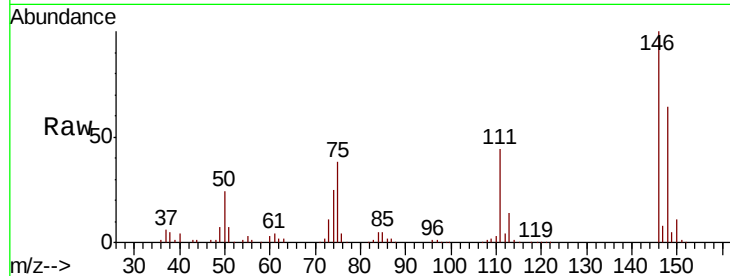




#13  
 1,4-Dichlorobenzene  
 Concen: 42.604 ng  
 RT: 8.14 min Scan# 860  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

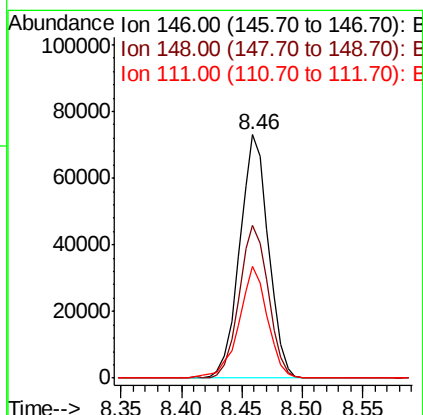
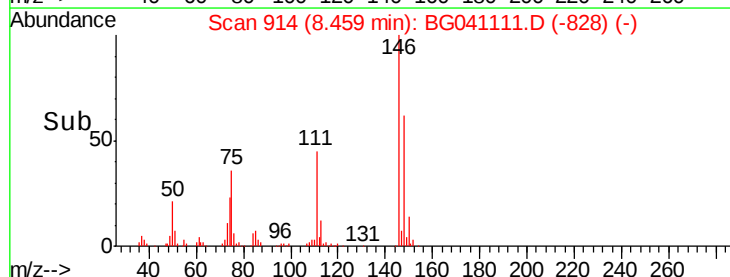
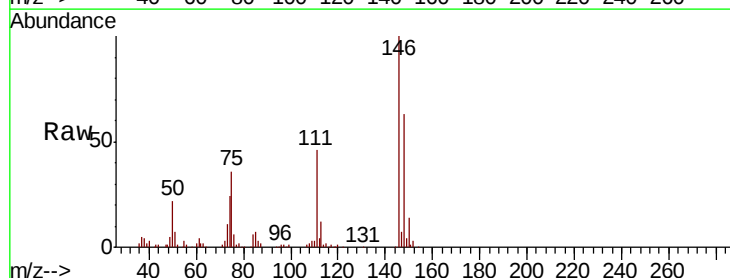
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

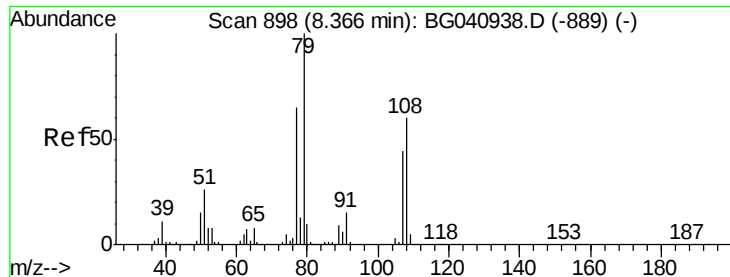
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 54.2  | 81.4  |
| 111     | 44.2  | 32.9  | 49.3  |



#14  
 1,2-Dichlorobenzene  
 Concen: 43.403 ng  
 RT: 8.46 min Scan# 914  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 49.8  | 74.6  |
| 111     | 46.0  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 47.385 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

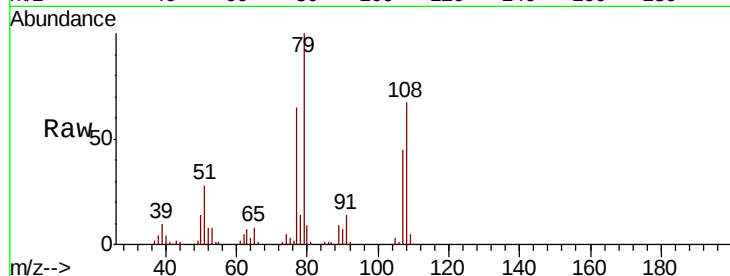
Tgt Ion: 79 Resp: 135067

Ion Ratio Lower Upper

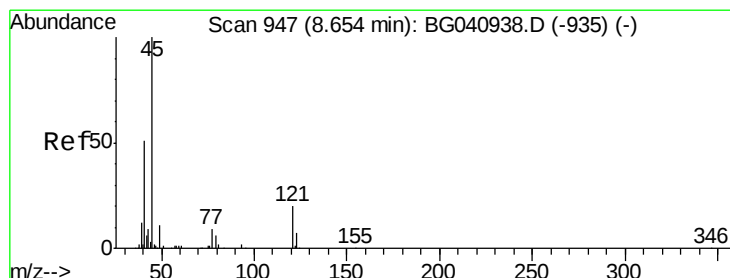
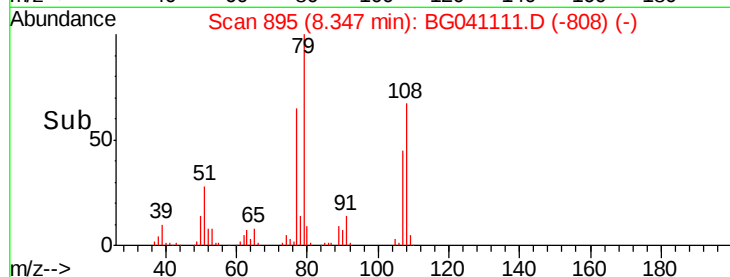
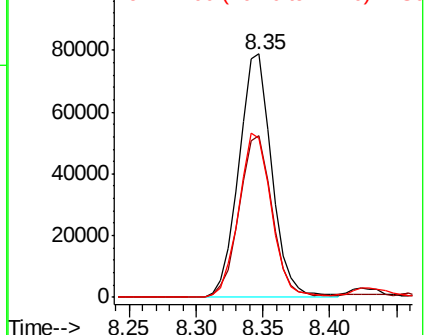
79 100

108 66.7 48.3 72.5

77 65.3 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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.366 ng

RT: 8.62 min Scan# 941

Delta R.T. -0.04 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

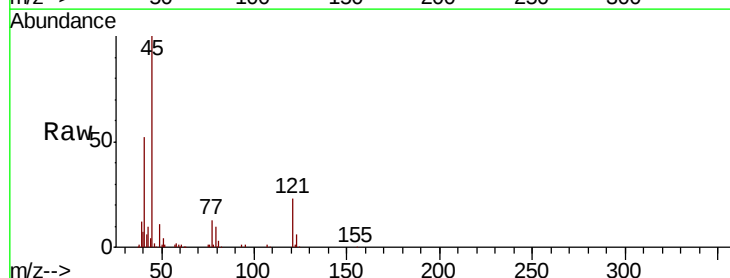
Tgt Ion: 45 Resp: 162012

Ion Ratio Lower Upper

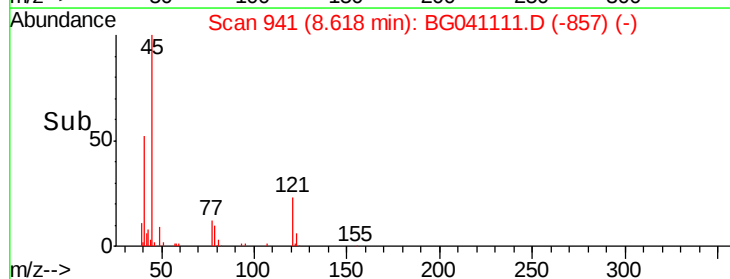
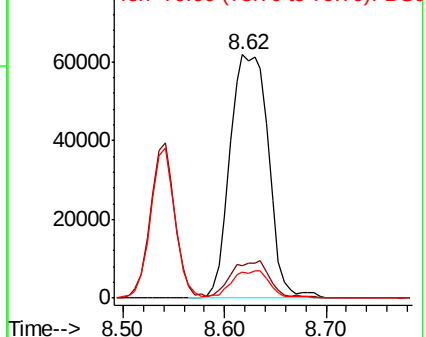
45 100

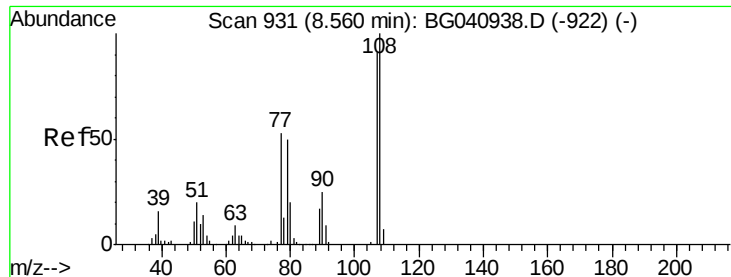
77 13.1 0.0 33.7

79 10.5 0.0 30.2



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

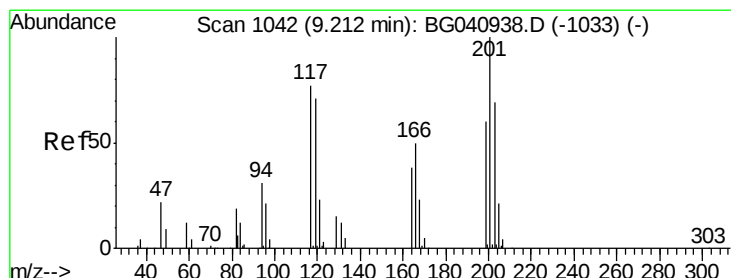
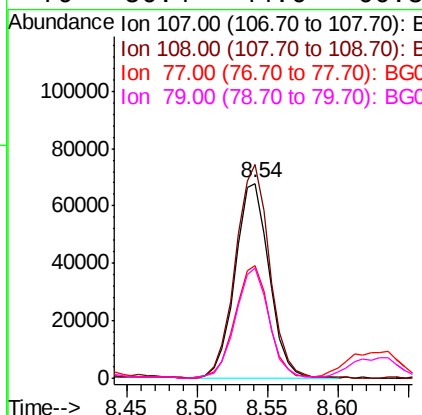
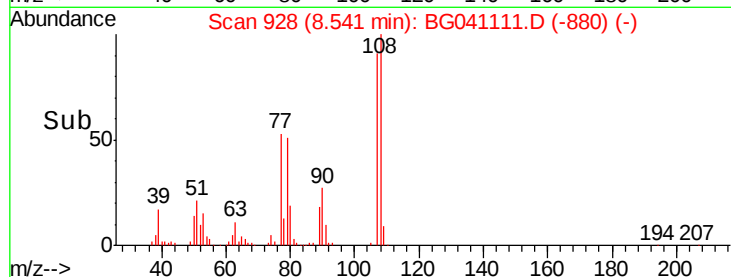
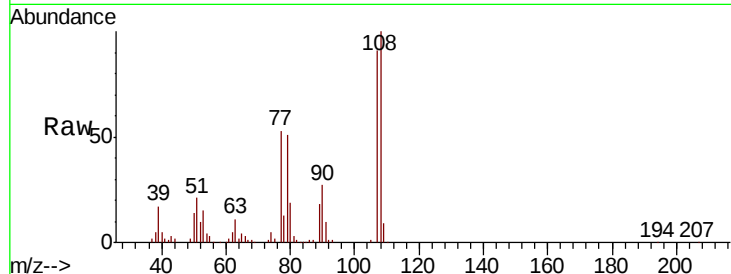




#17  
2-Methylphenol  
Concen: 47.980 ng  
RT: 8.54 min Scan# 928  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

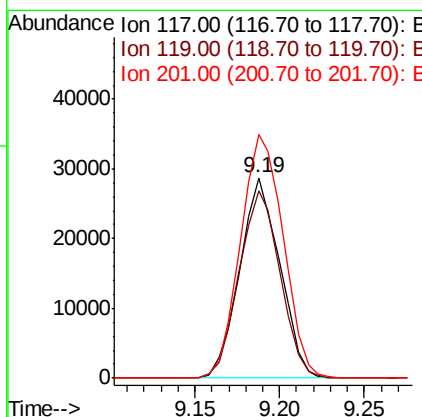
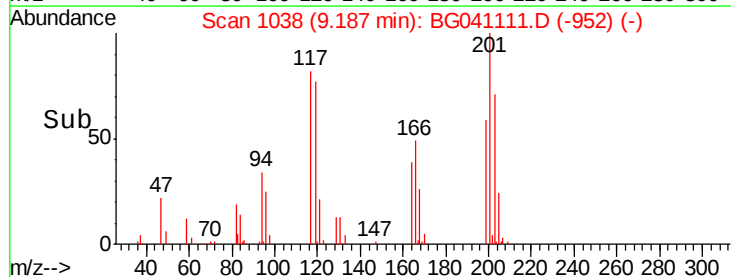
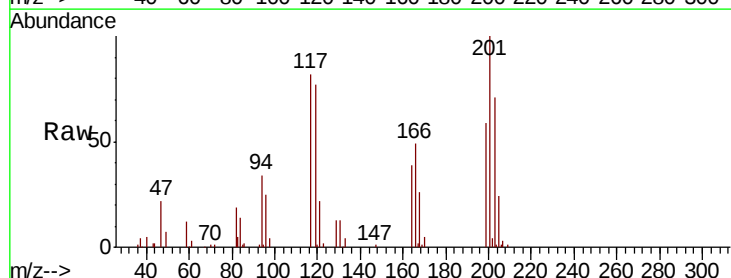
Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

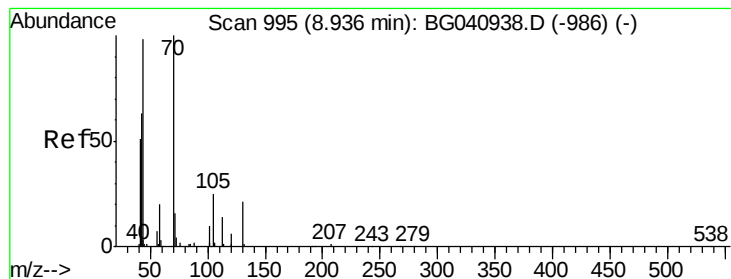
Tgt Ion:107 Resp: 114776  
Ion Ratio Lower Upper  
107 100  
108 109.6 87.7 131.5  
77 58.0 46.6 70.0  
79 56.4 44.6 66.8



#18  
Hexachloroethane  
Concen: 42.552 ng  
RT: 9.19 min Scan# 1038  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:117 Resp: 47163  
Ion Ratio Lower Upper  
117 100  
119 93.3 75.0 112.6  
201 121.6 103.5 155.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.492 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

Tgt Ion: 70 Resp: 100763

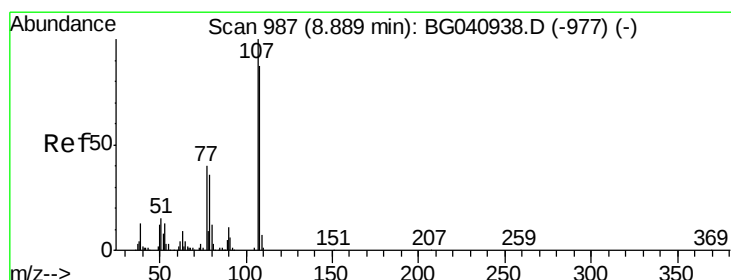
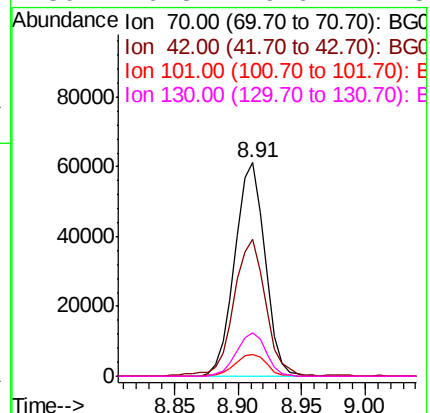
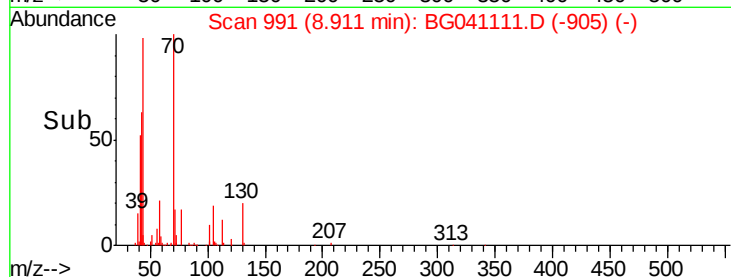
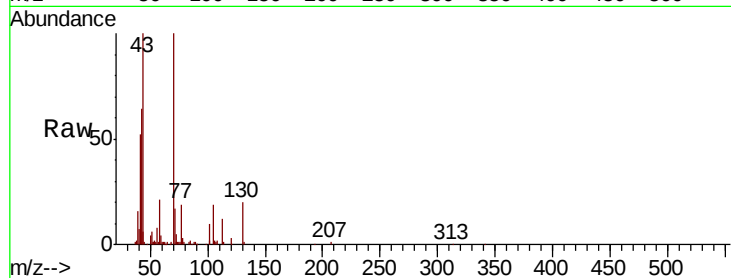
Ion Ratio Lower Upper

70 100

42 64.1 51.5 77.3

101 10.0 8.1 12.1

130 20.3 16.6 24.8



#20

3+4-Methylphenols

Concen: 47.969 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Tgt Ion: 107 Resp: 158951

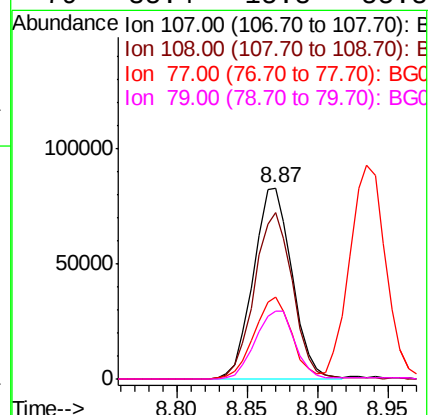
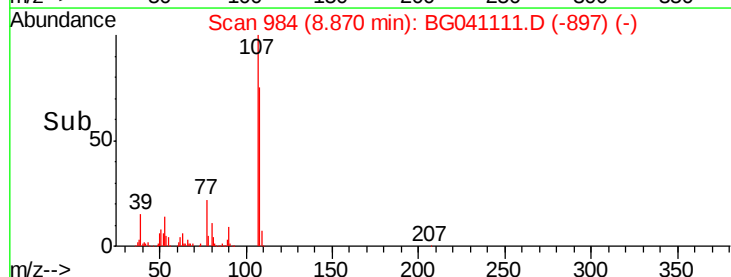
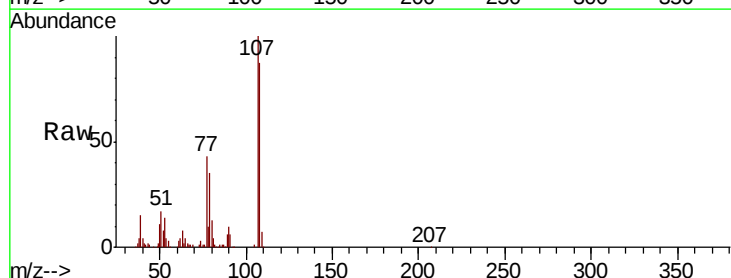
Ion Ratio Lower Upper

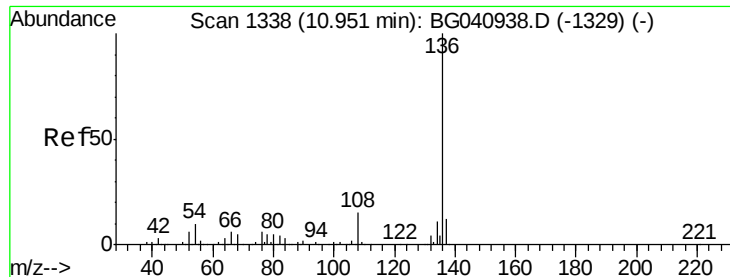
107 100

108 87.2 66.8 106.8

77 42.5 20.5 60.5

79 35.4 15.8 55.8

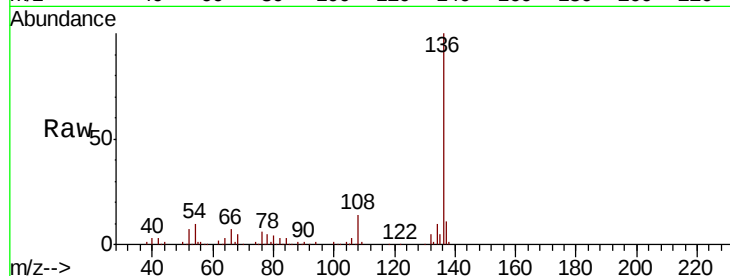




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 151343 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.5   | 14.3   |
| 54       | 10.0  | 7.6   | 11.4   |
| 68       | 5.0   | 3.9   | 5.9    |



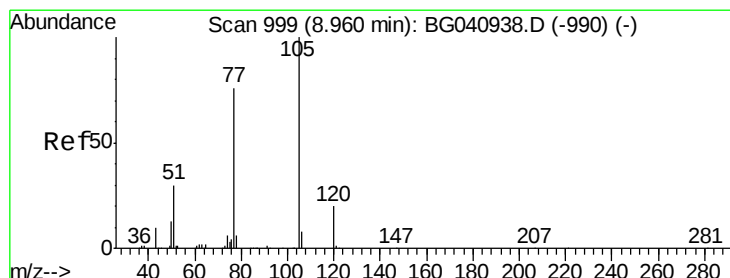
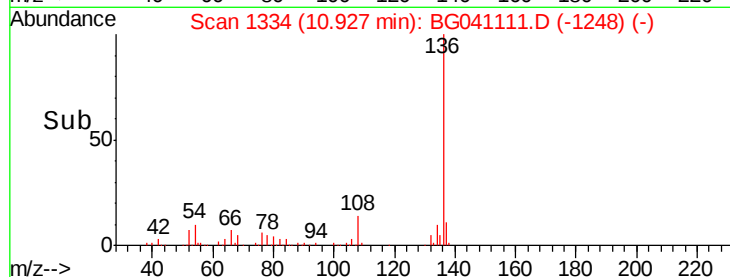
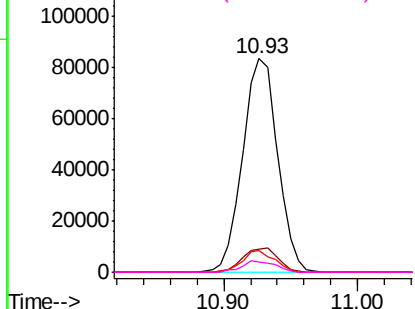
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

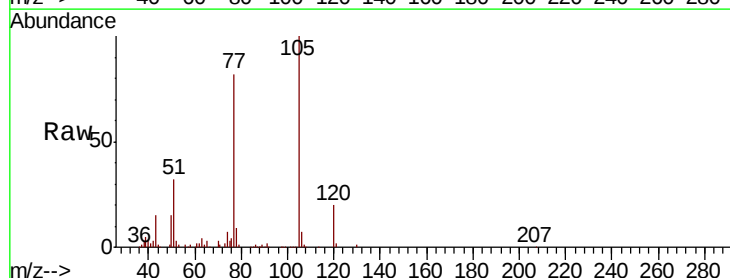
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 45.520 ng  
RT: 8.93 min Scan# 995  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 193250 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.8   | 0.4   | 0.6#   |
| 51       | 31.8  | 27.0  | 40.6   |
| 120      | 20.2  | 16.2  | 24.4   |



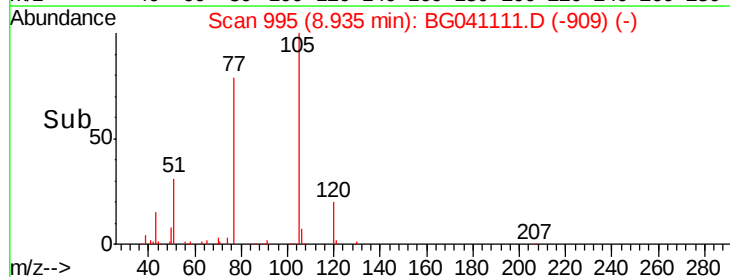
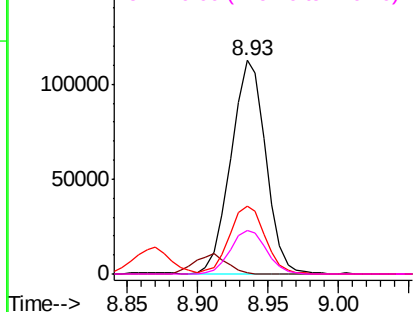
Abundance

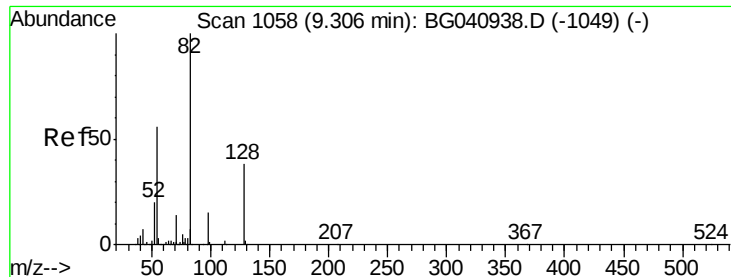
Ion 105.00 (104.70 to 105.70): E

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

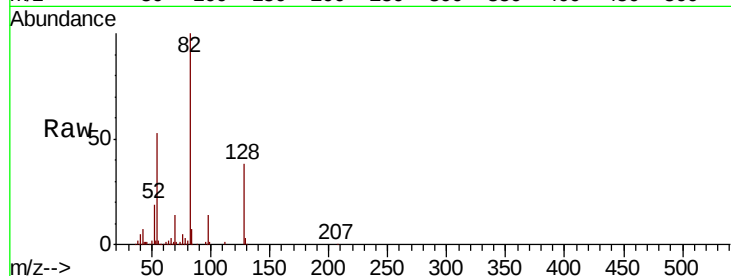




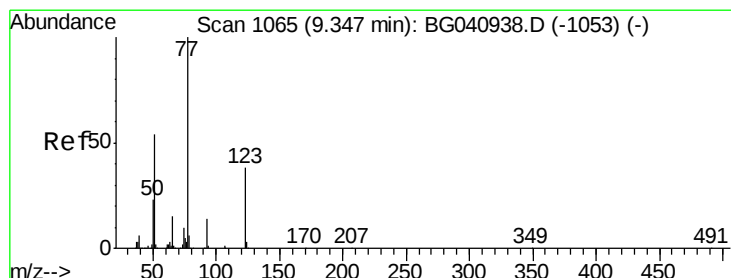
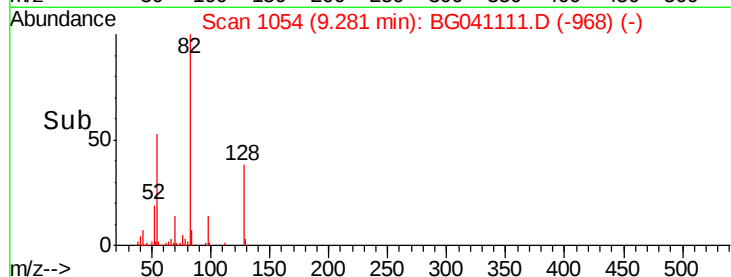
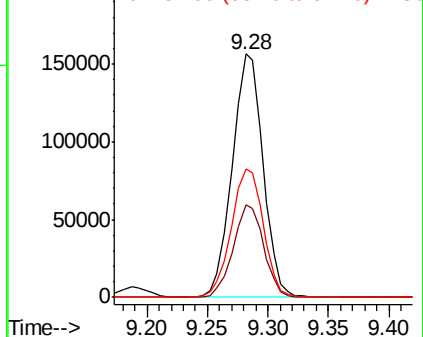
#23  
 Nitrobenzene-d5  
 Concen: 81.666 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.0  | 30.5  | 45.7  |
| 54      | 52.8  | 44.6  | 66.8  |

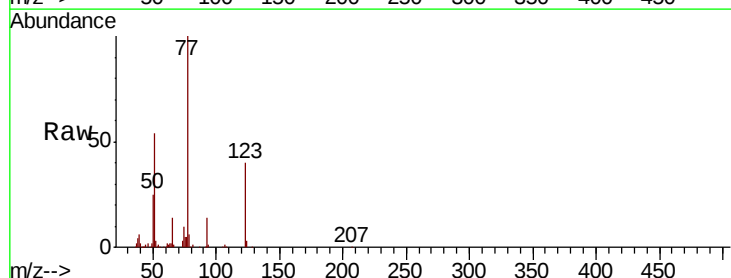


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

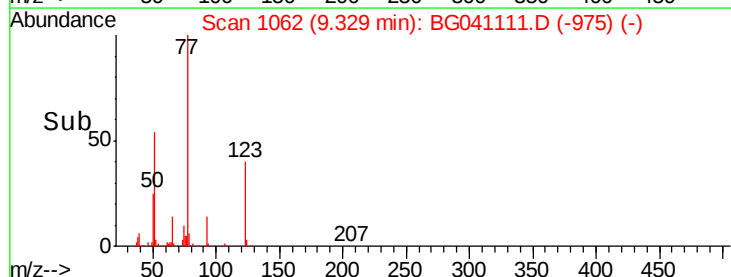
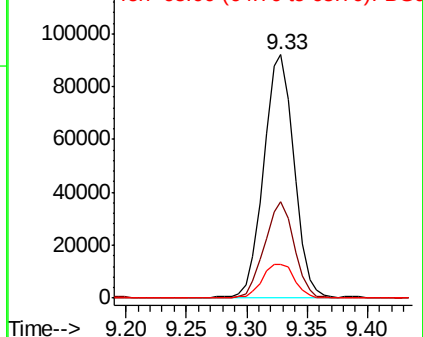


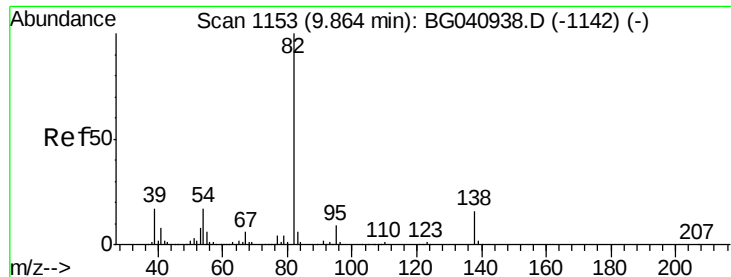
#24  
 Nitrobenzene  
 Concen: 46.024 ng  
 RT: 9.33 min Scan# 1062  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.7  | 30.6  | 46.0  |
| 65      | 14.1  | 12.3  | 18.5  |



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: 45.854 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

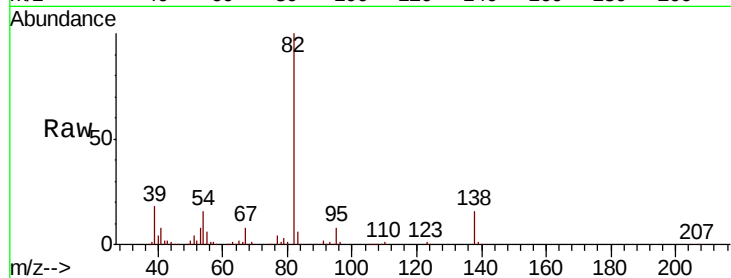
Tgt Ion: 82 Resp: 297491

Ion Ratio Lower Upper

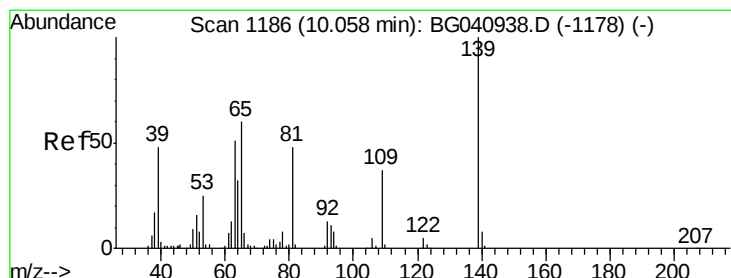
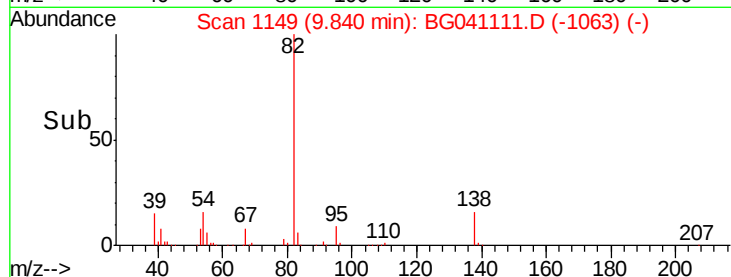
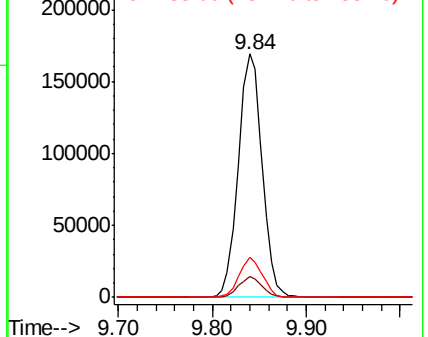
82 100

95 8.5 7.0 10.4

138 16.4 12.6 19.0



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: 49.704 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

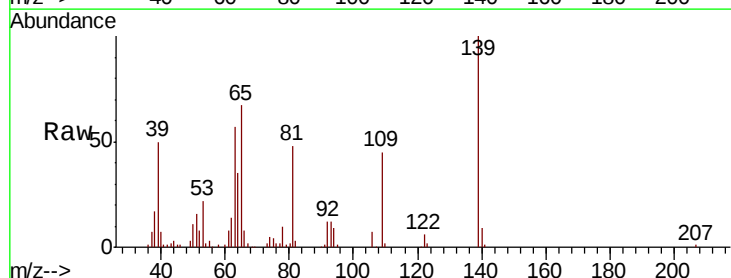
Tgt Ion: 139 Resp: 71188

Ion Ratio Lower Upper

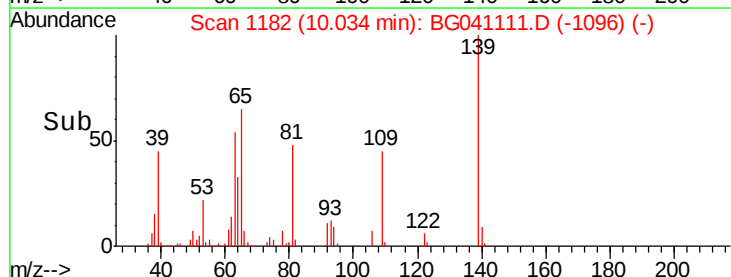
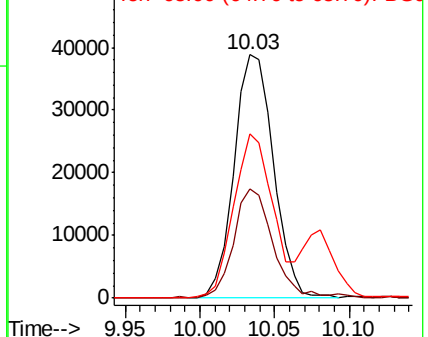
139 100

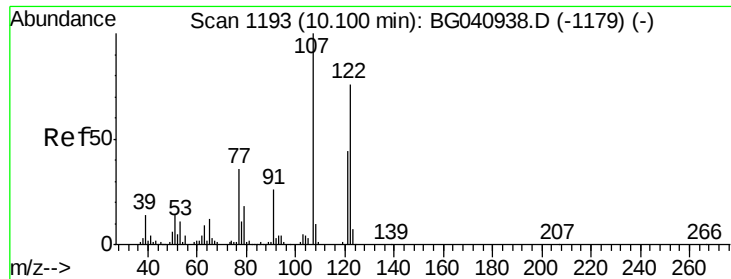
109 44.7 29.8 44.6#

65 67.5 47.8 71.6



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

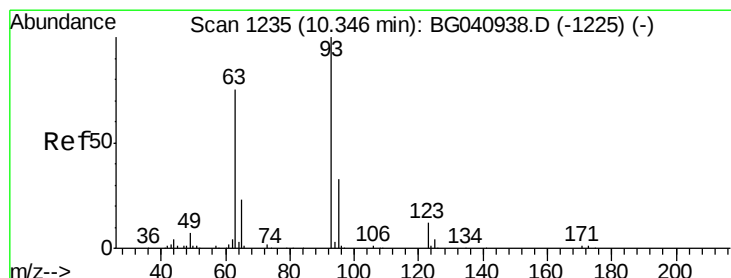
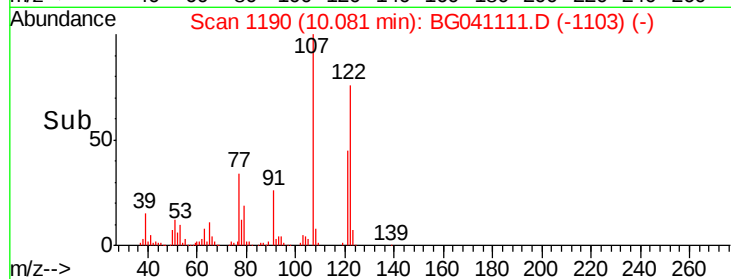
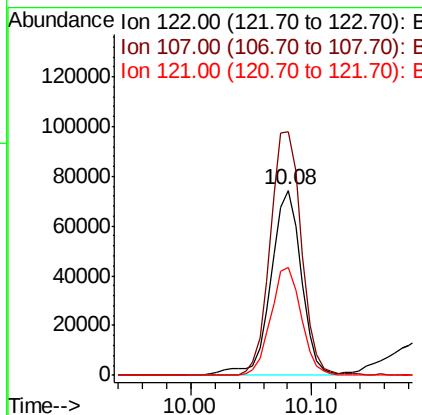
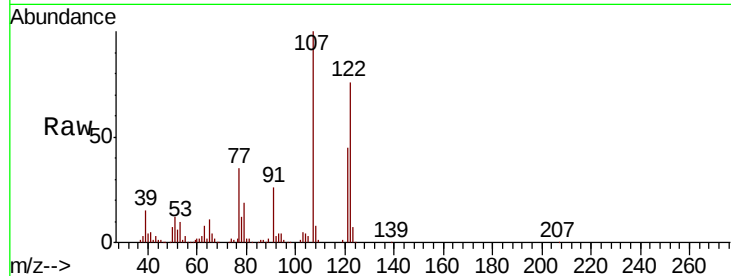




#27  
 2,4-Dimethylphenol  
 Concen: 54.791 ng  
 RT: 10.08 min Scan# 1190  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

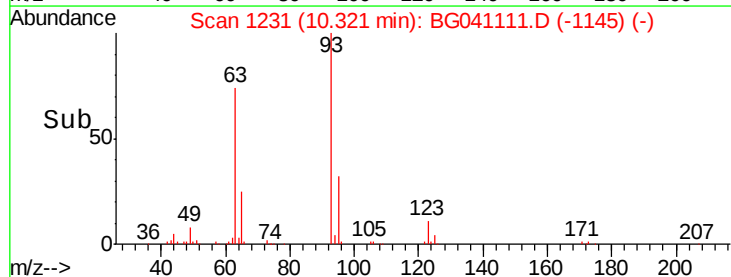
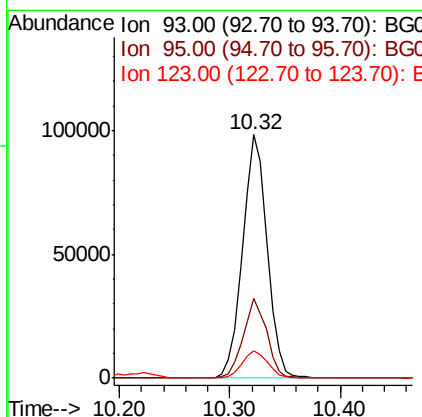
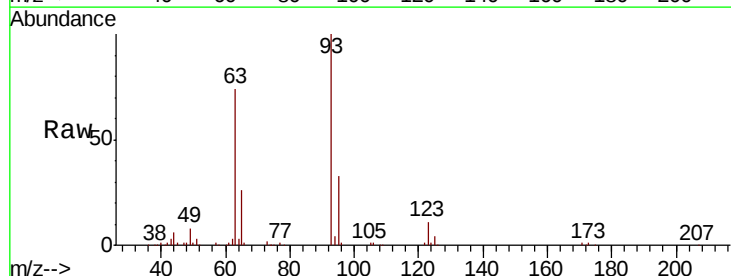
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

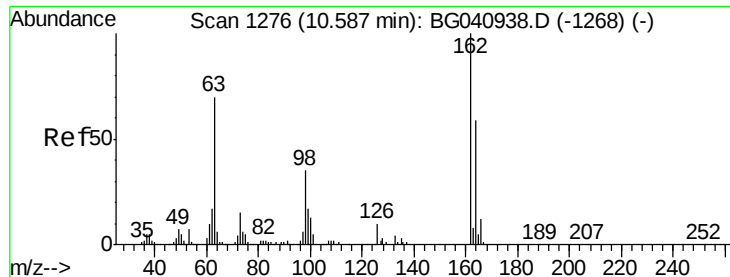
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.7 | 105.9 | 158.9 |
| 121     | 58.7  | 46.2  | 69.4  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.904 ng  
 RT: 10.32 min Scan# 1231  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 26.2  | 39.2  |
| 123     | 11.1  | 9.5   | 14.3  |

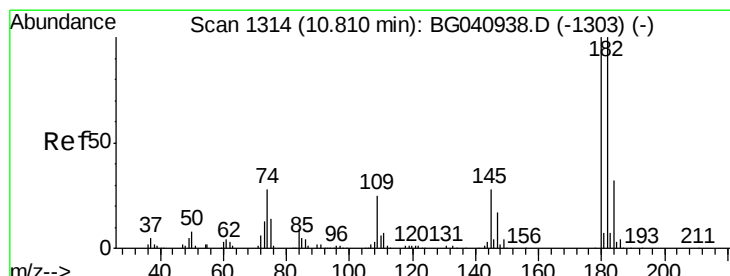
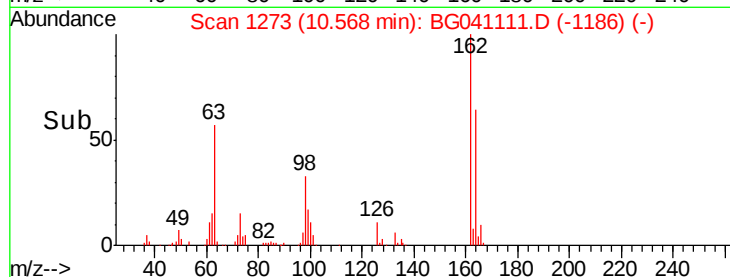
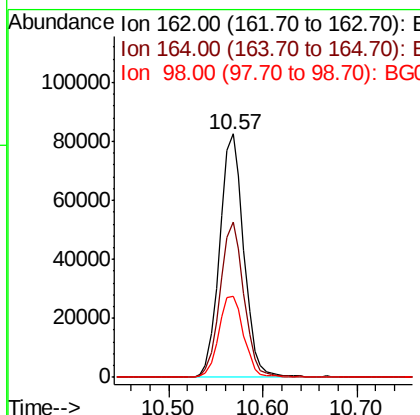
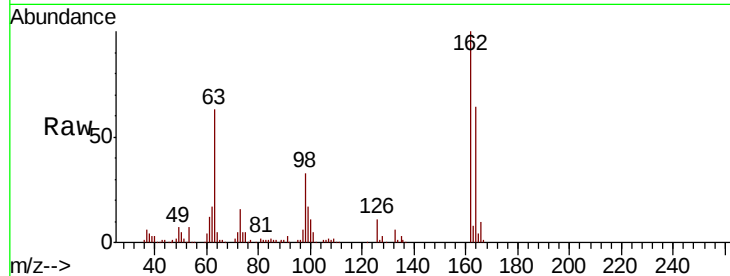




#29  
 2,4-Dichlorophenol  
 Concen: 49.112 ng  
 RT: 10.57 min Scan# 1273  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

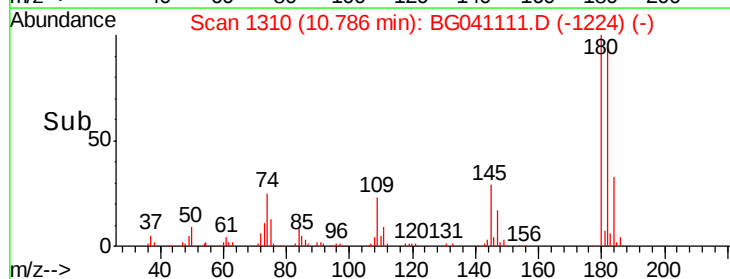
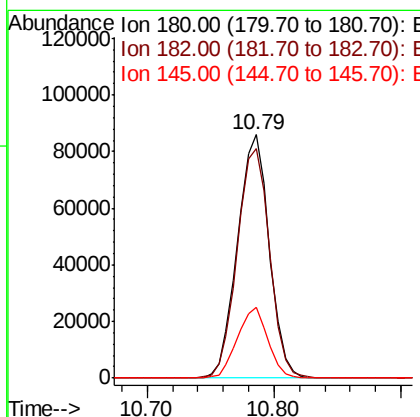
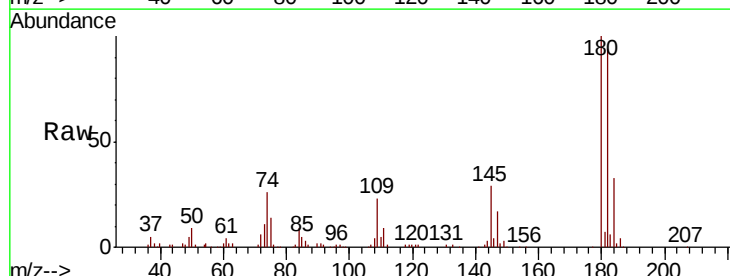
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

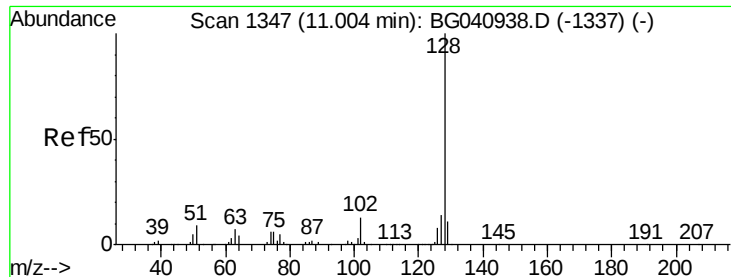
Tgt Ion:162 Resp: 147521  
 Ion Ratio Lower Upper  
 162 100  
 164 63.5 39.4 79.4  
 98 33.3 15.3 55.3



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.614 ng  
 RT: 10.79 min Scan# 1310  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Tgt Ion:180 Resp: 149032  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 79.7 119.5  
 145 29.3 22.6 34.0

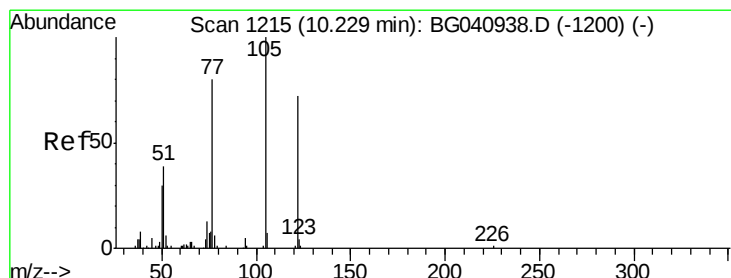
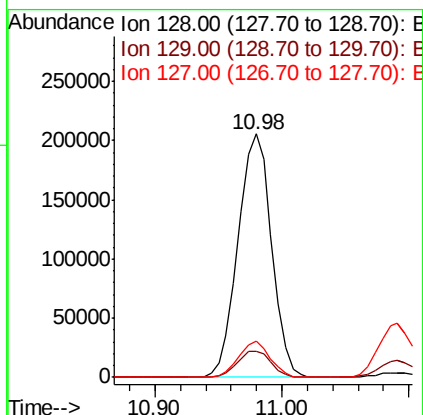
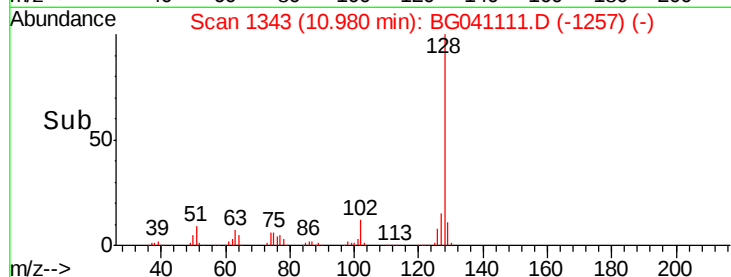
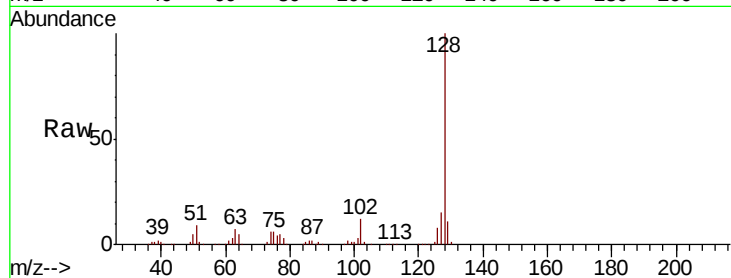




#31  
Naphthalene  
Concen: 46.315 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

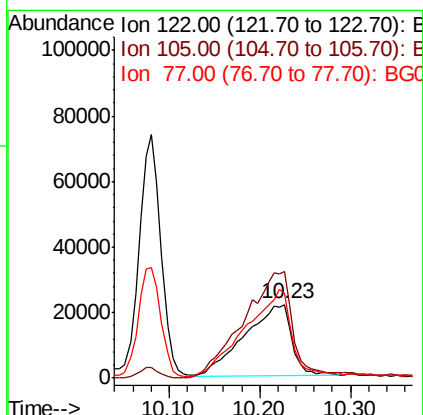
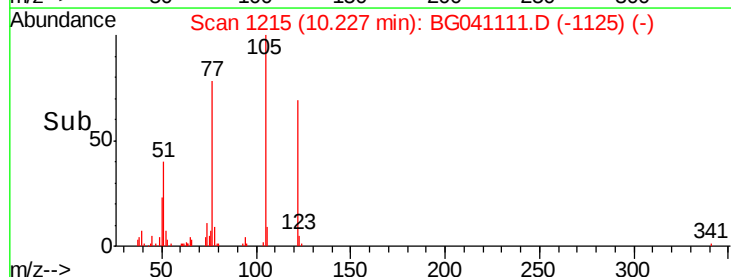
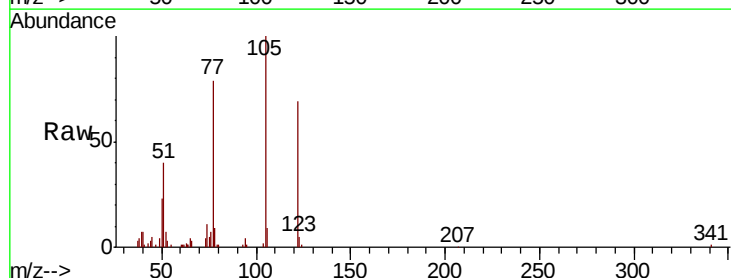
Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

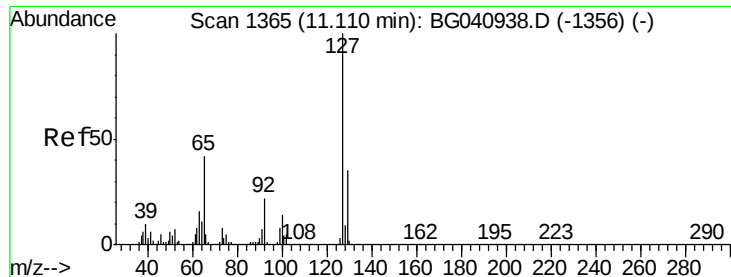
Tgt Ion:128 Resp: 376344  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 14.7 11.4 17.2



#32  
Benzoic acid  
Concen: 44.541 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:122 Resp: 80627  
Ion Ratio Lower Upper  
122 100  
105 145.4 114.8 154.8  
77 114.8 89.9 129.9

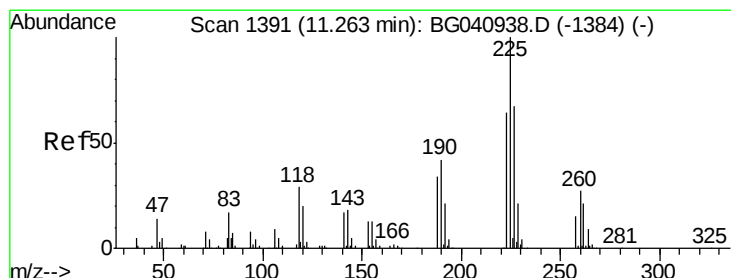
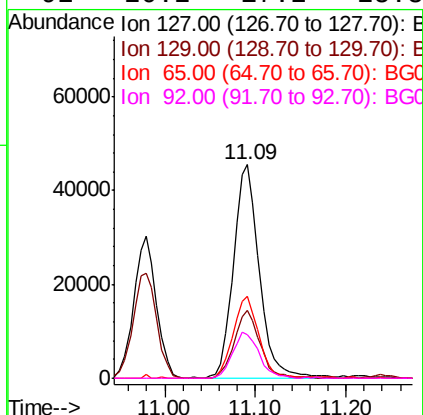
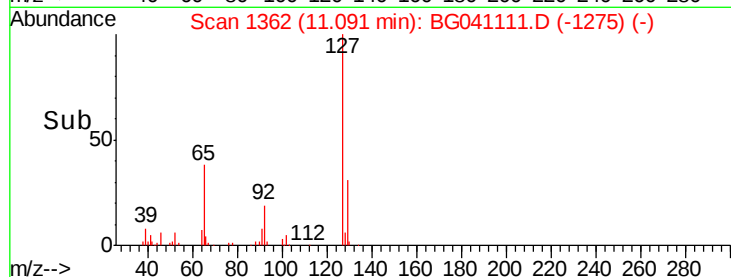
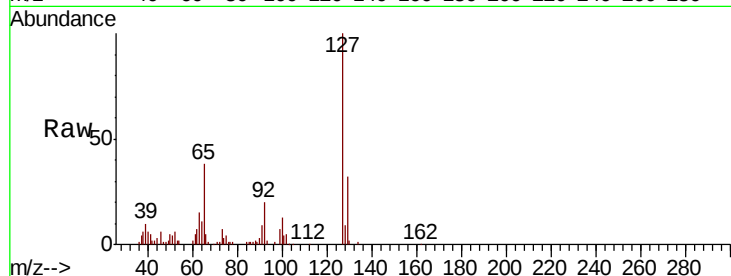




#33  
4-Chloroaniline  
Concen: 24.055 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

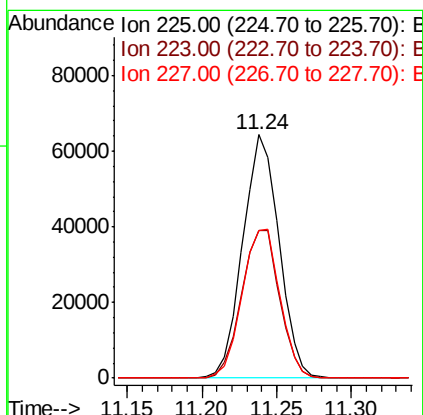
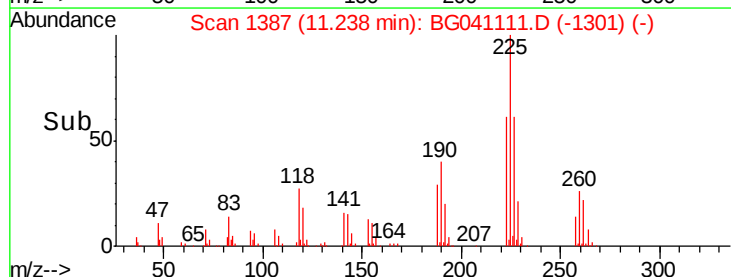
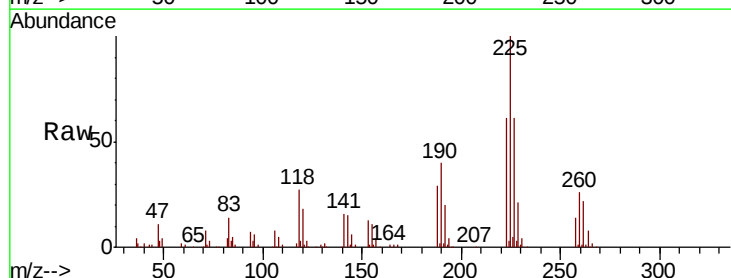
Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

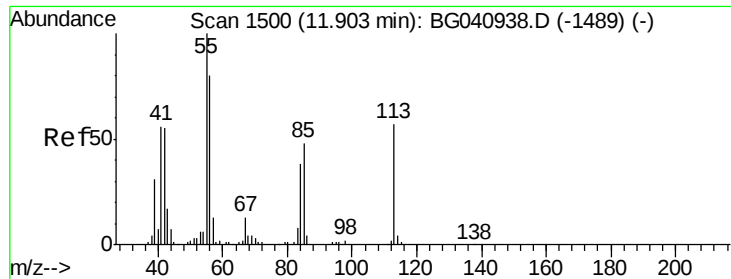
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 90695 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.9  | 27.7  | 41.5  |
| 65       | 38.3  | 33.2  | 49.8  |
| 92       | 20.2  | 17.2  | 25.8  |



#34  
Hexachlorobutadiene  
Concen: 41.448 ng  
RT: 11.24 min Scan# 1387  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 108370 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 60.7  | 48.8  | 73.2   |
| 227      | 60.8  | 51.4  | 77.0   |

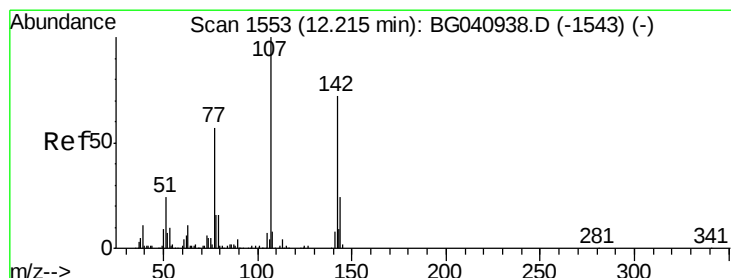
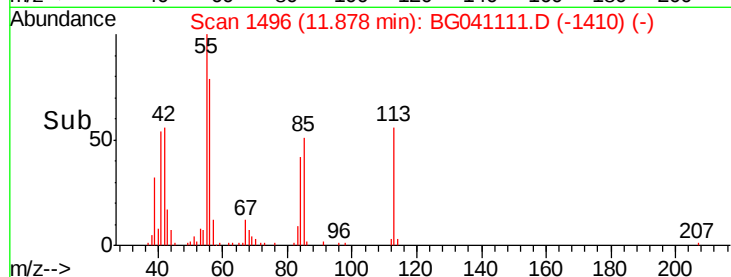
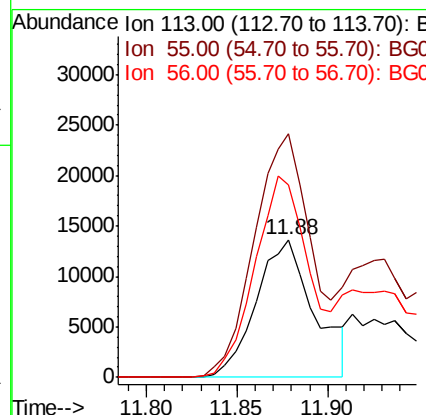
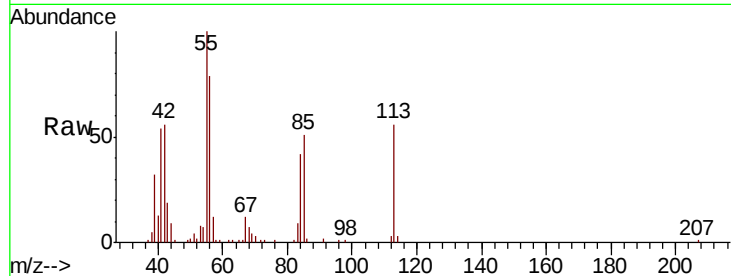




#35  
 Caprolactam  
 Concen: 30.406 ng  
 RT: 11.88 min Scan# 1496  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

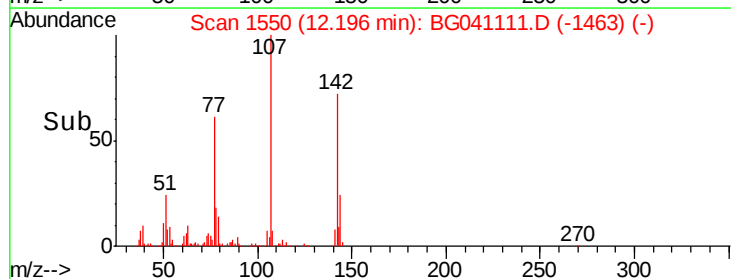
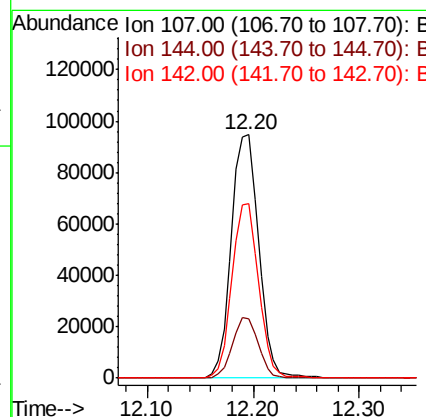
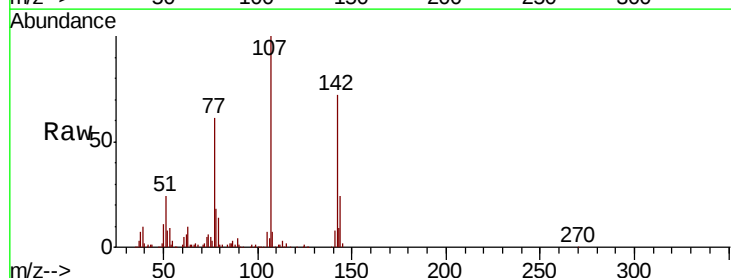
Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB120405BS

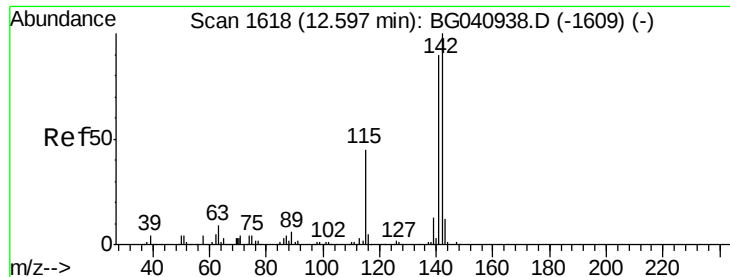
Tgt Ion:113 Resp: 30161  
 Ion Ratio Lower Upper  
 113 100  
 55 177.1 155.9 195.9  
 56 140.0 119.9 159.9



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.669 ng  
 RT: 12.20 min Scan# 1550  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Tgt Ion:107 Resp: 170391  
 Ion Ratio Lower Upper  
 107 100  
 144 24.3 19.4 29.0  
 142 71.8 57.3 85.9

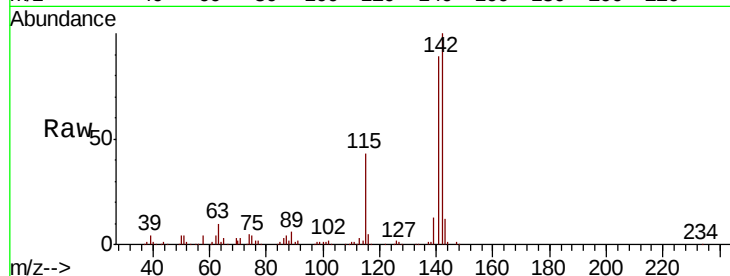




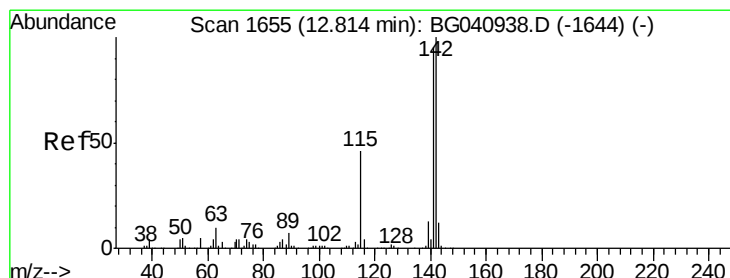
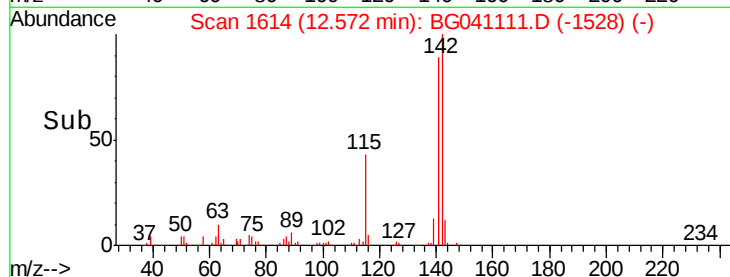
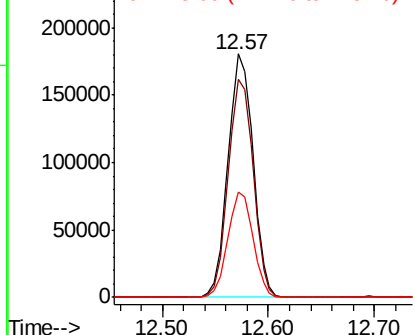
#37  
2-Methylnaphthalene  
Concen: 47.271 ng  
RT: 12.57 min Scan# 1614  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

Tgt Ion:142 Resp: 295839  
Ion Ratio Lower Upper  
142 100  
141 89.4 72.2 108.4  
115 43.2 36.2 54.4

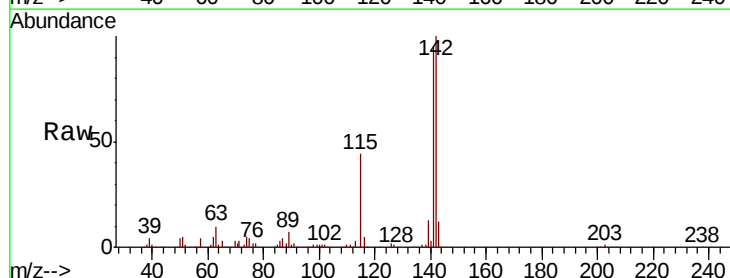


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

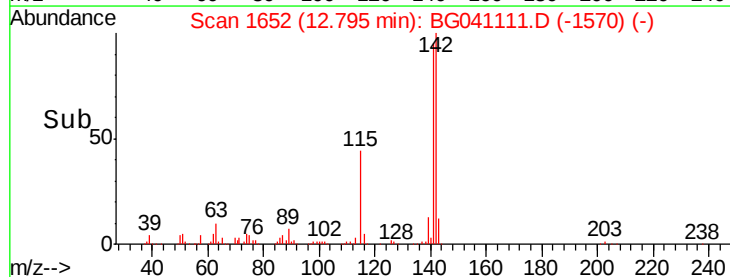
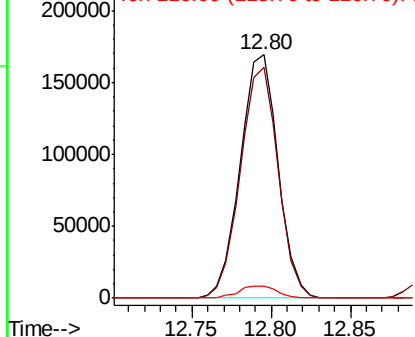


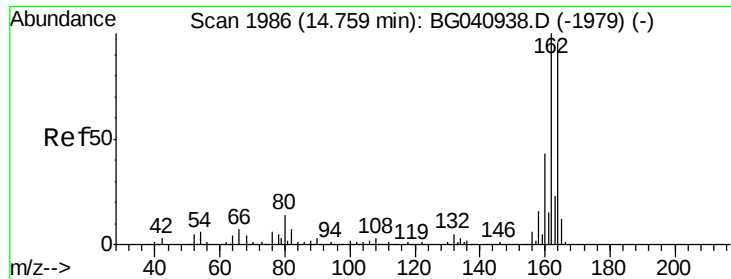
#38  
1-Methylnaphthalene  
Concen: 47.533 ng  
RT: 12.80 min Scan# 1652  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:142 Resp: 280324  
Ion Ratio Lower Upper  
142 100  
141 94.8 75.7 113.5  
116 5.0 3.4 5.2



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: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampled :

PB120405BS

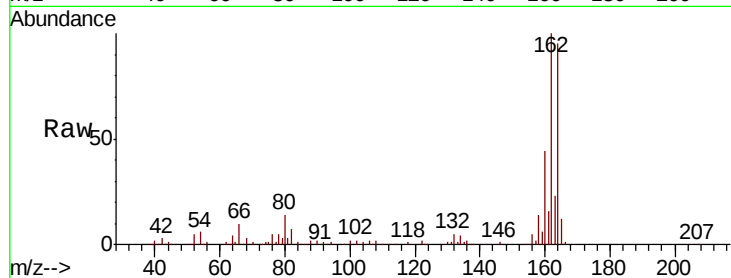
Tgt Ion:164 Resp: 120332

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.4

160 46.0 35.6 53.4

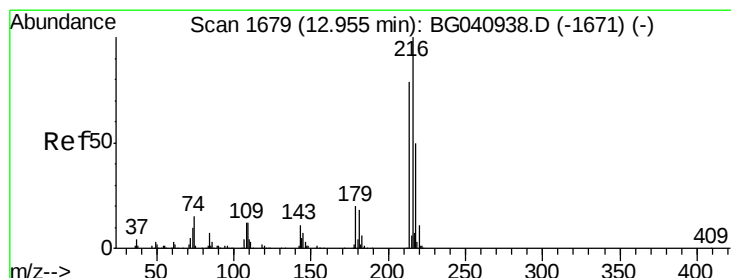
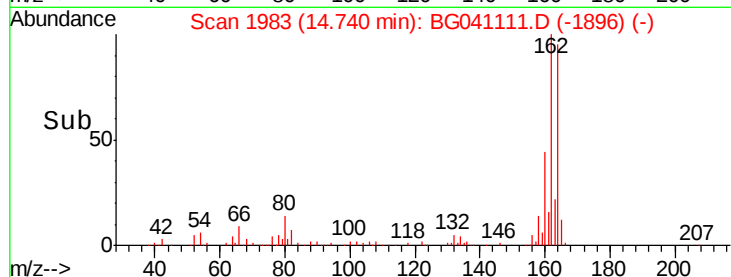
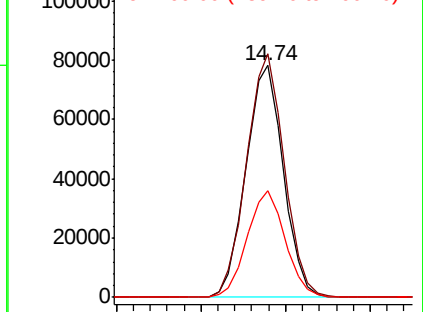


Abundance

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: 44.351 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Tgt Ion:216 Resp: 215104

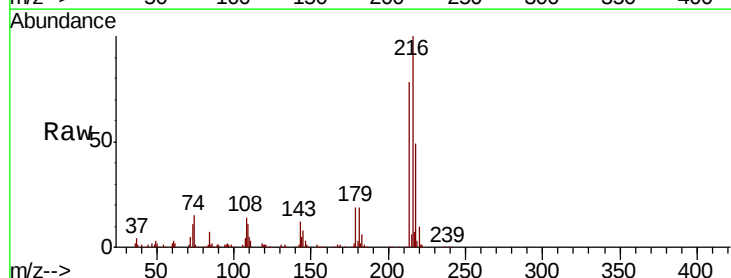
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 18.7 15.2 22.8

108 17.5 11.4 17.2#



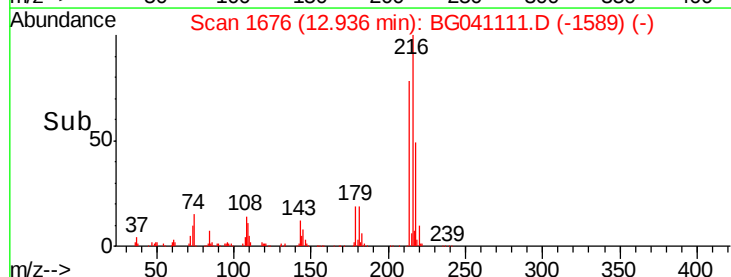
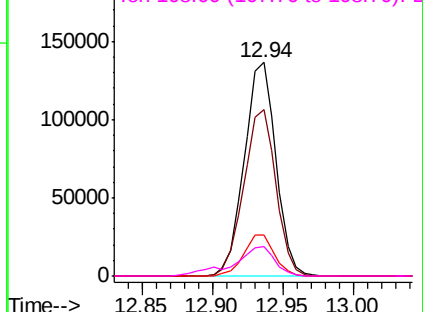
Abundance

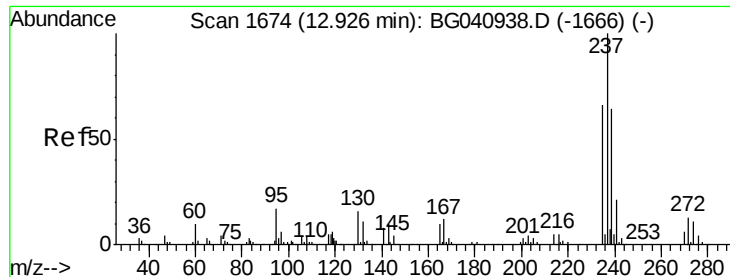
Ion 216.00 (215.70 to 216.70): E

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: 104.130 ng

RT: 12.90 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

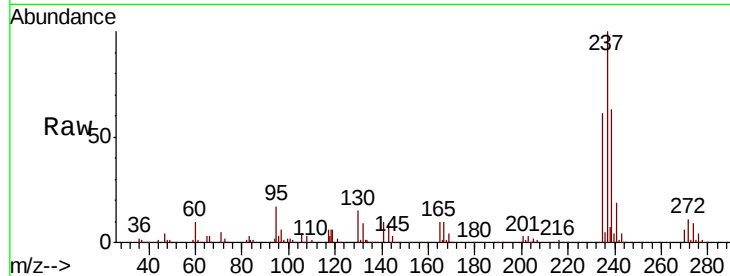
Tgt Ion: 237 Resp: 278697

Ion Ratio Lower Upper

237 100

235 61.4 45.5 85.5

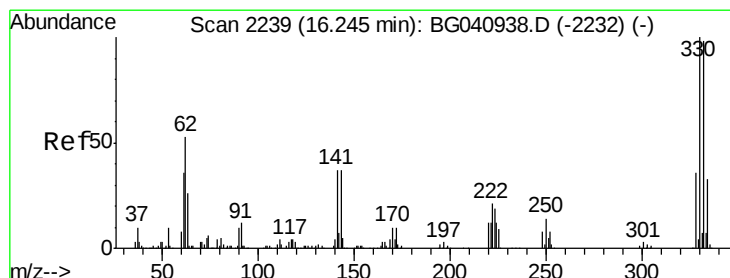
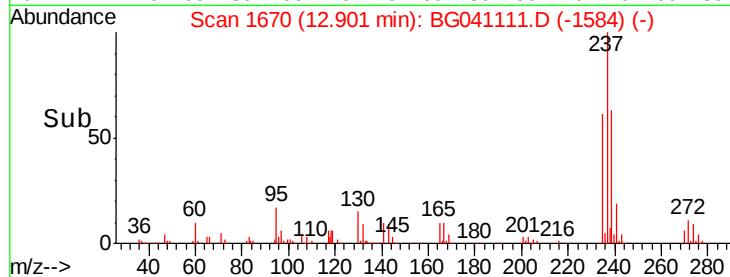
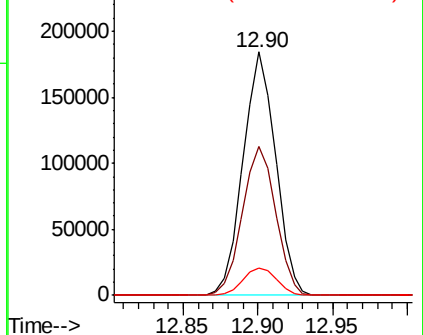
272 11.3 0.0 32.9



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: 133.944 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

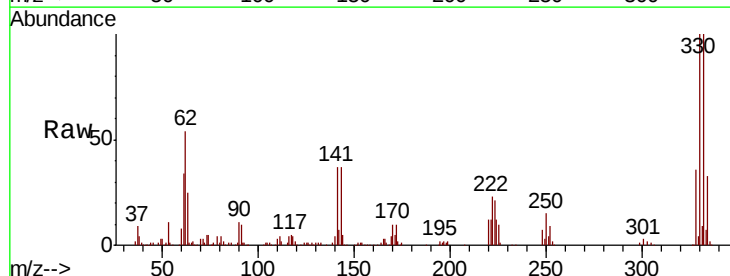
Tgt Ion: 330 Resp: 239279

Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

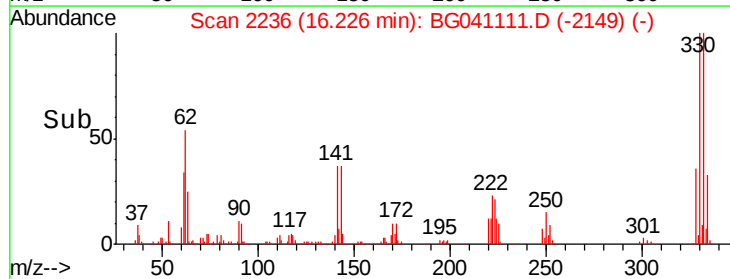
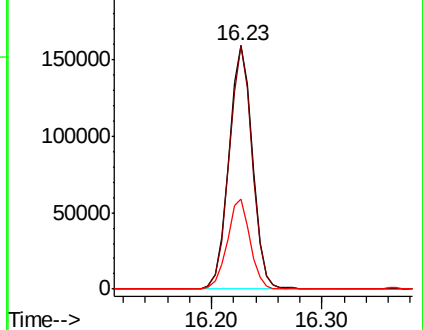
141 35.8 28.7 43.1

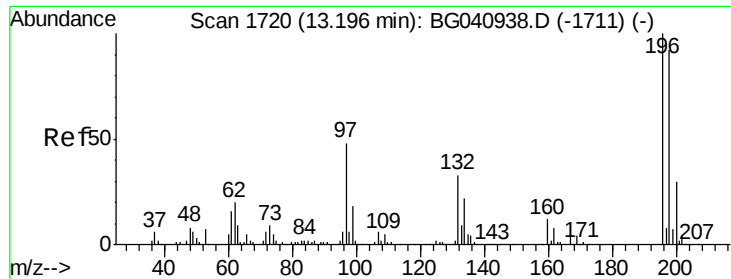


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

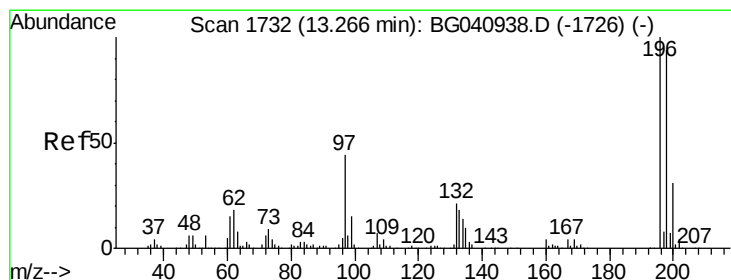
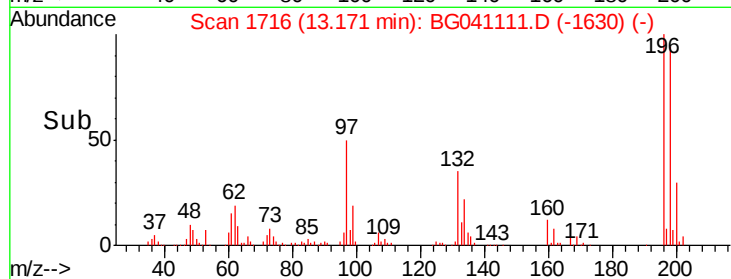
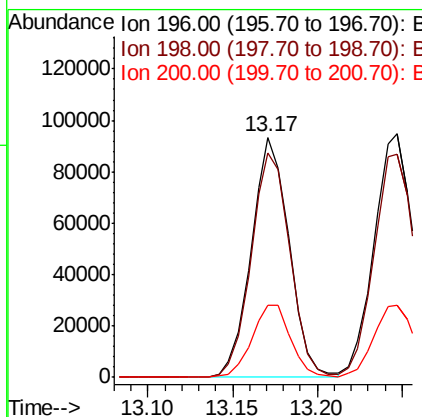
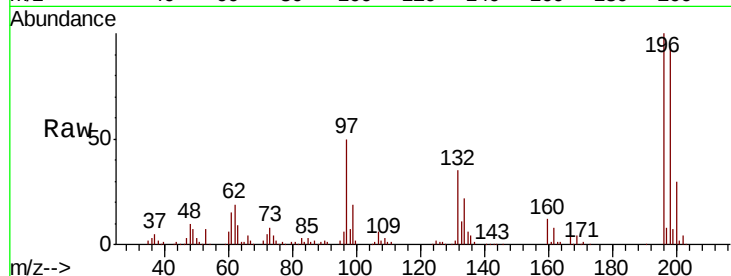




#43  
 2,4,6-Trichlorophenol  
 Concen: 46.289 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

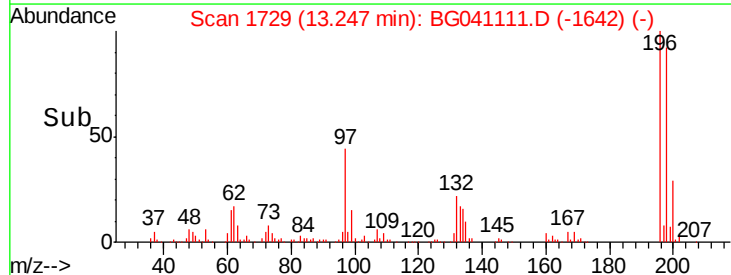
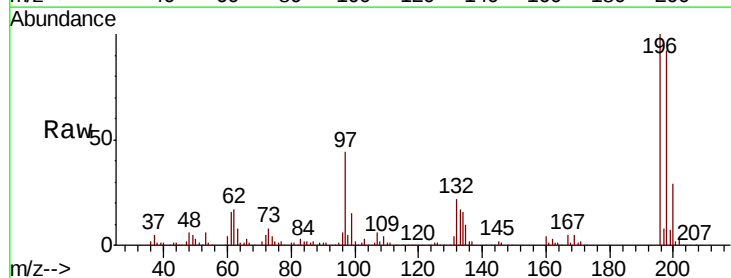
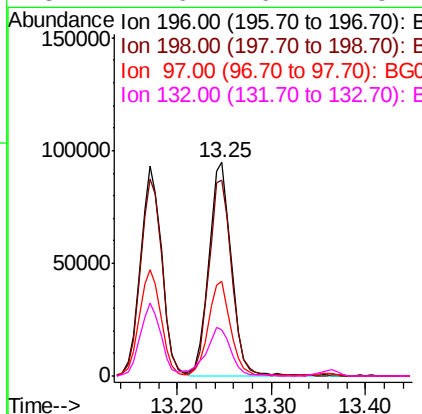
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

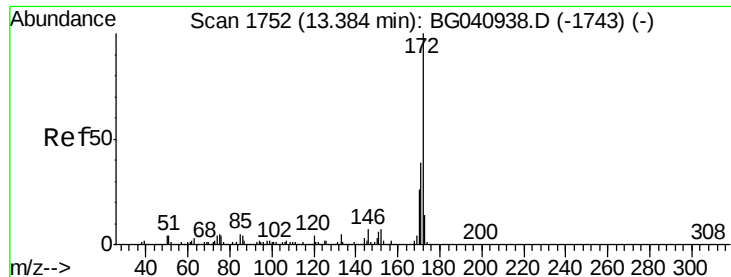
Tgt Ion:196 Resp: 145233  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 73.8 110.6  
 200 30.3 24.1 36.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.386 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Tgt Ion:196 Resp: 160109  
 Ion Ratio Lower Upper  
 196 100  
 198 91.8 75.1 112.7  
 97 44.1 35.6 53.4  
 132 21.6 16.7 25.1

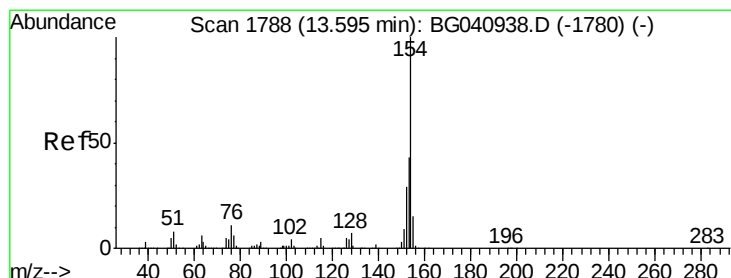
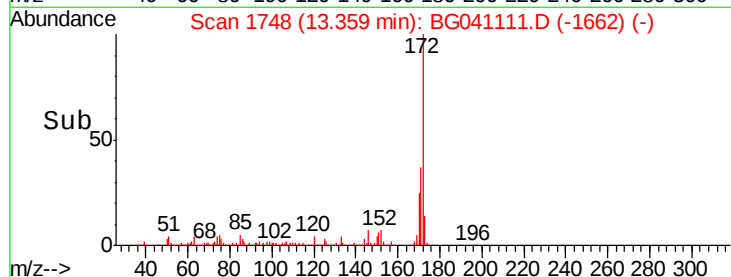
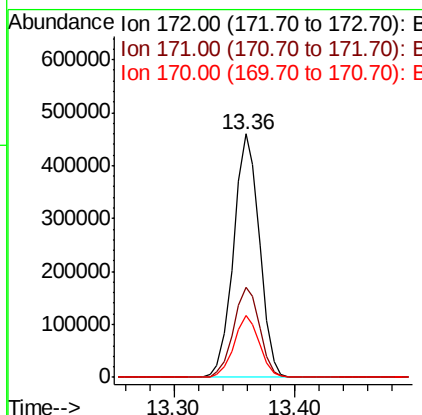
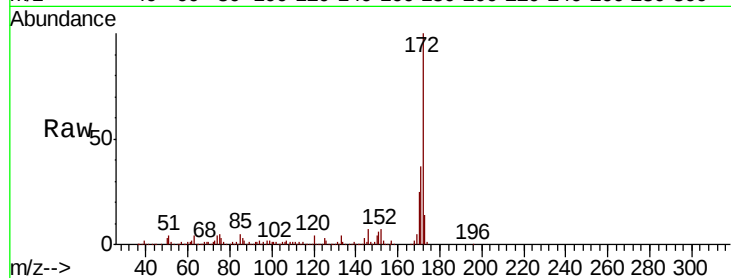




#45  
2-Fluorobiphenyl  
Concen: 82.021 ng  
RT: 13.36 min Scan# 1748  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

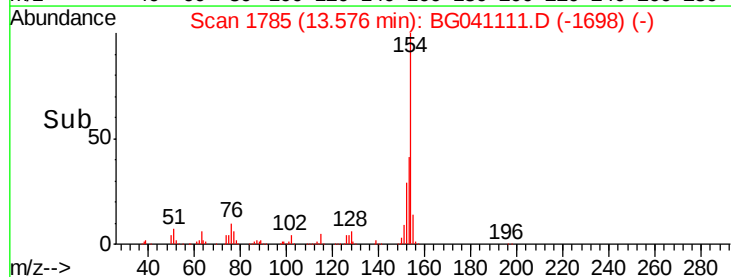
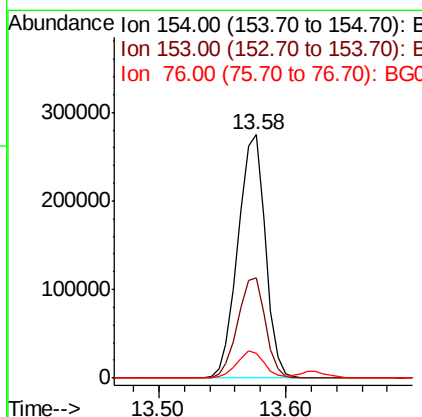
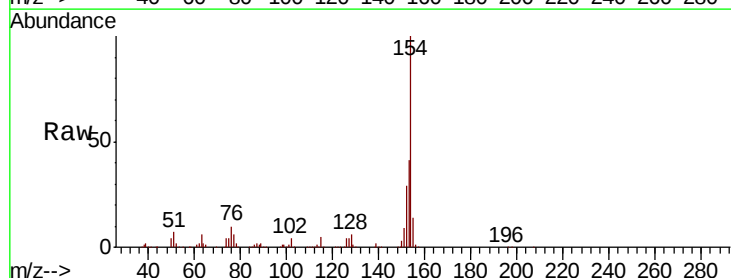
Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

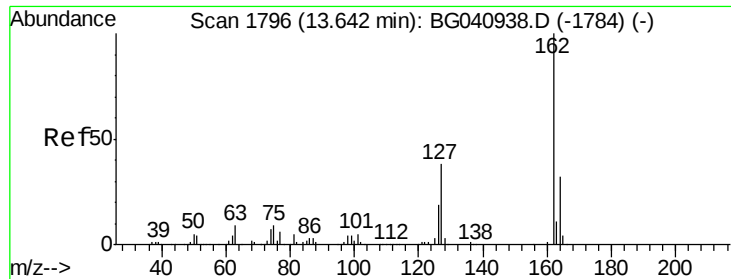
Tgt Ion:172 Resp: 685345  
Ion Ratio Lower Upper  
172 100  
171 37.2 31.1 46.7  
170 25.2 20.5 30.7



#46  
1,1'-Biphenyl  
Concen: 46.107 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:154 Resp: 410688  
Ion Ratio Lower Upper  
154 100  
153 41.0 23.3 63.3  
76 10.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 44.567 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampled :

PB120405BS

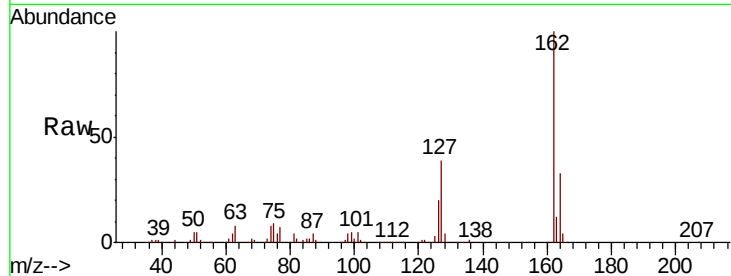
Tgt Ion: 162 Resp: 340787

Ion Ratio Lower Upper

162 100

127 39.1 30.5 45.7

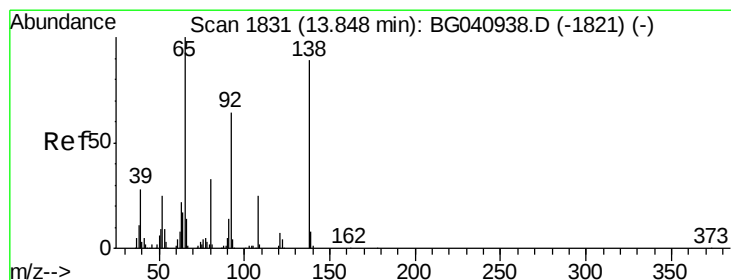
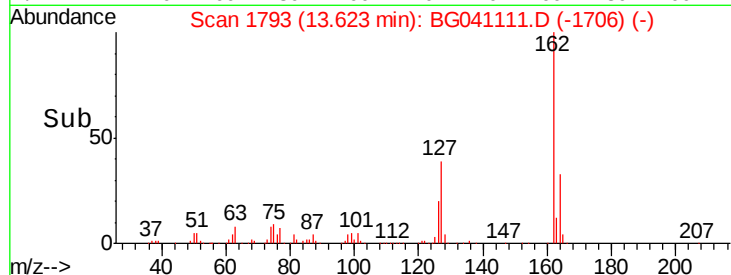
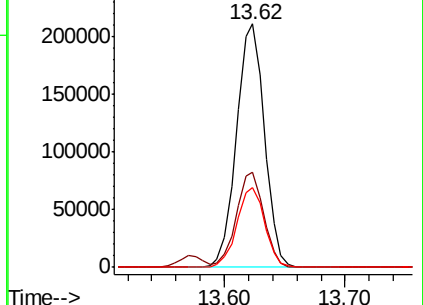
164 32.9 25.8 38.6



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: 45.814 ng

RT: 13.83 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

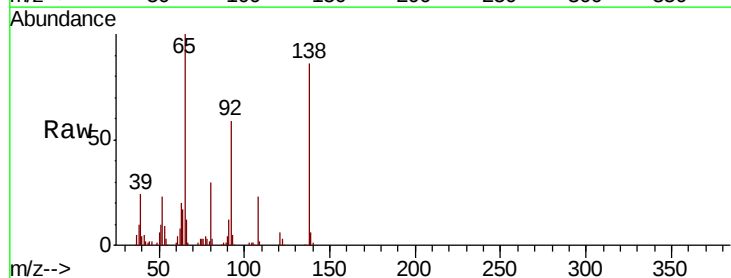
Tgt Ion: 65 Resp: 125680

Ion Ratio Lower Upper

65 100

92 58.7 51.0 76.6

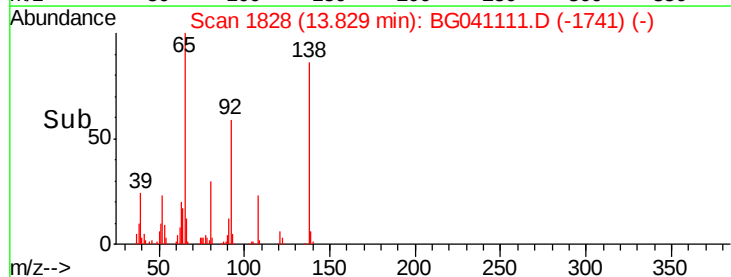
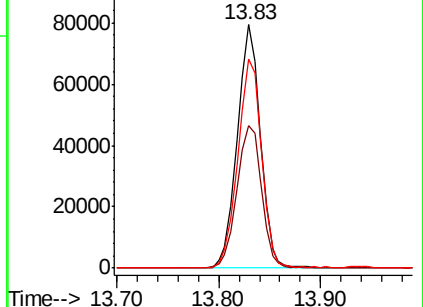
138 86.1 71.2 106.8

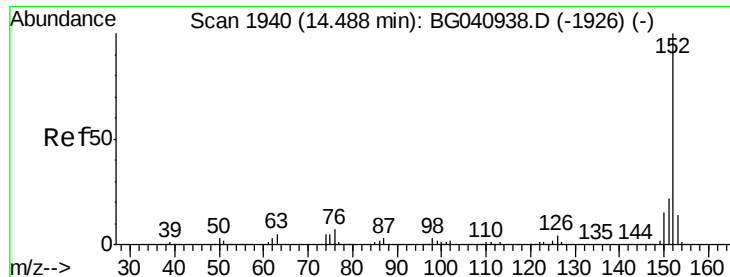


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.195 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

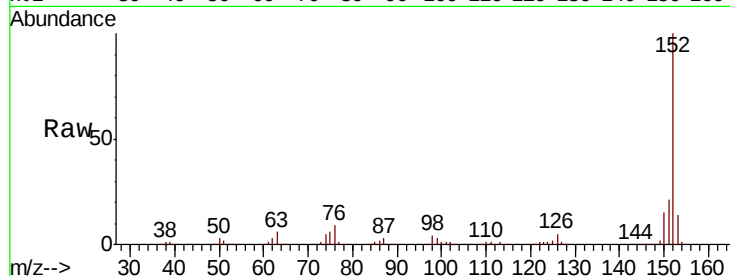
Tgt Ion:152 Resp: 531644

Ion Ratio Lower Upper

152 100

151 20.6 17.4 26.0

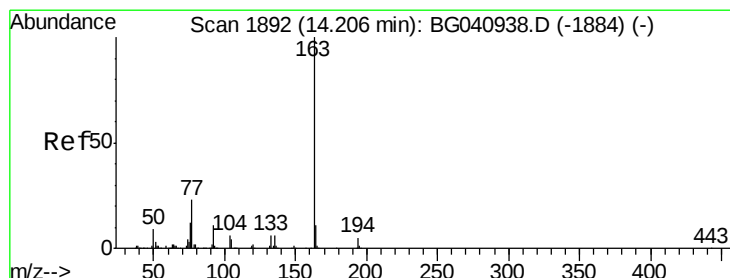
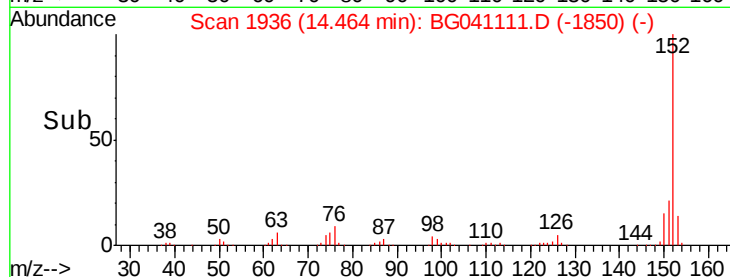
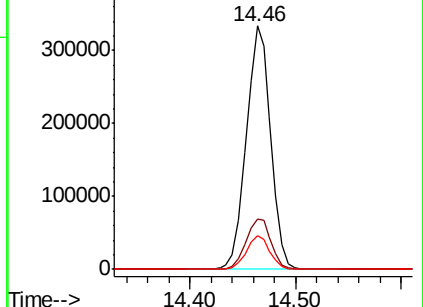
153 13.9 11.0 16.4



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: 45.035 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

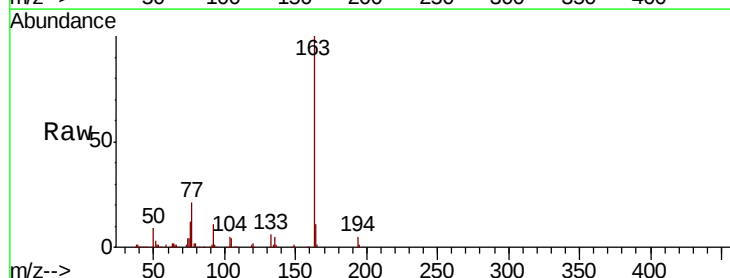
Tgt Ion:163 Resp: 458738

Ion Ratio Lower Upper

163 100

194 5.2 3.8 5.8

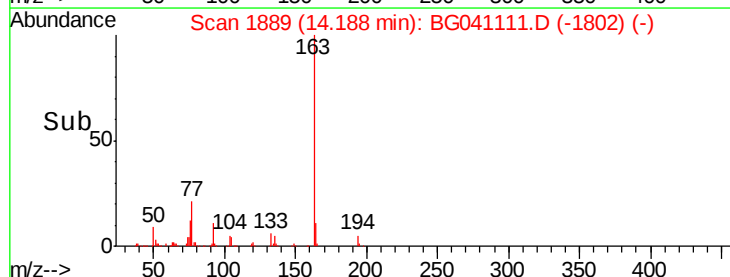
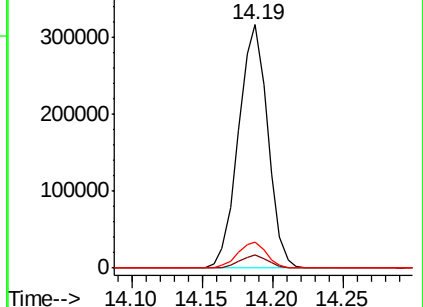
164 10.6 8.7 13.1

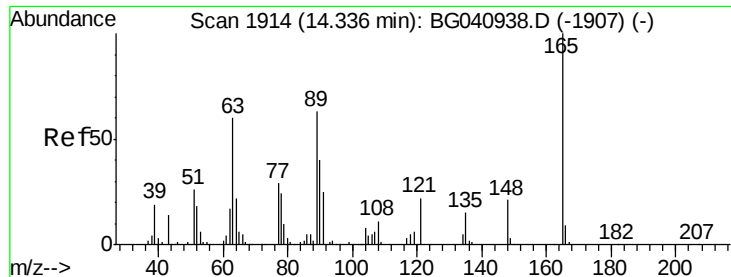


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

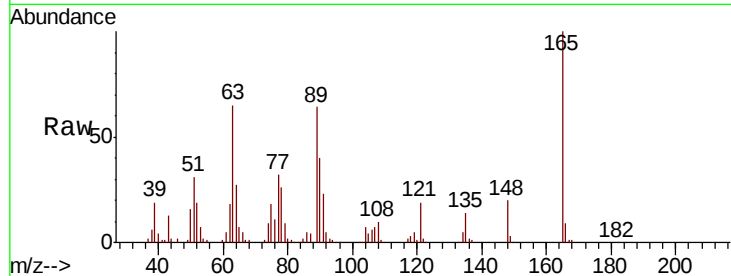




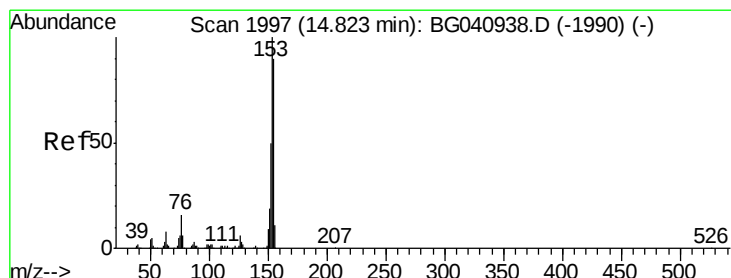
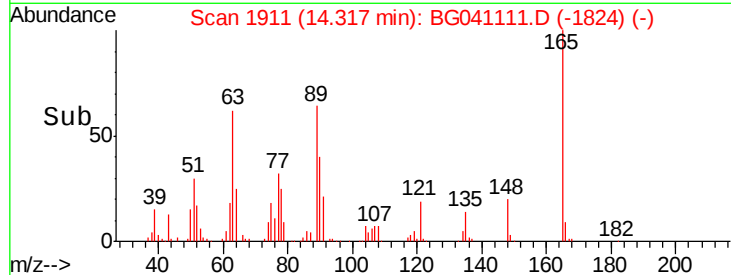
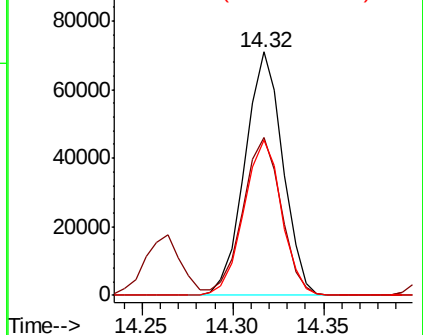
#51  
 2,6-Dinitrotoluene  
 Concen: 46.958 ng  
 RT: 14.32 min Scan# 1911  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

Tgt Ion:165 Resp: 103131  
 Ion Ratio Lower Upper  
 165 100  
 63 64.8 53.6 80.4  
 89 63.9 50.4 75.6

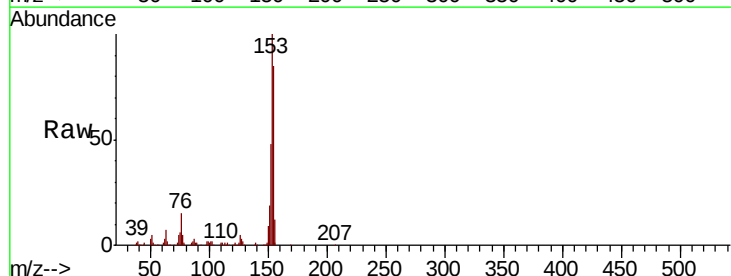


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

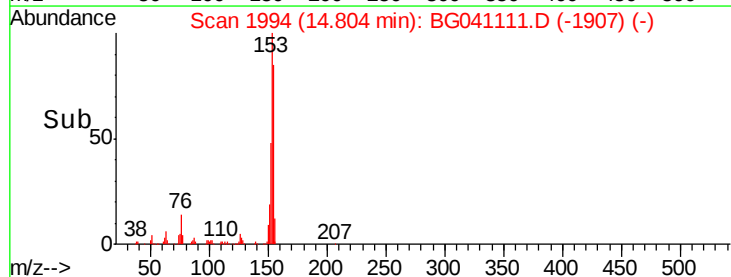
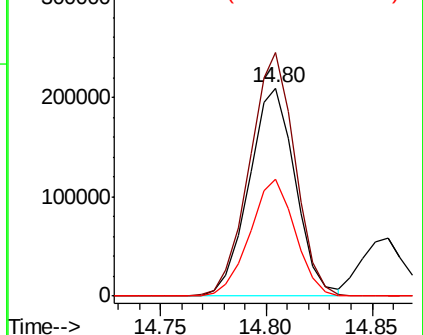


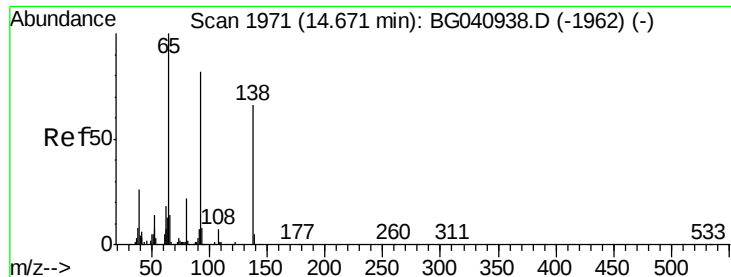
#52  
 Acenaphthene  
 Concen: 45.688 ng  
 RT: 14.80 min Scan# 1994  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Tgt Ion:154 Resp: 318530  
 Ion Ratio Lower Upper  
 154 100  
 153 117.1 88.6 133.0  
 152 56.0 44.2 66.4



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: 31.829 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

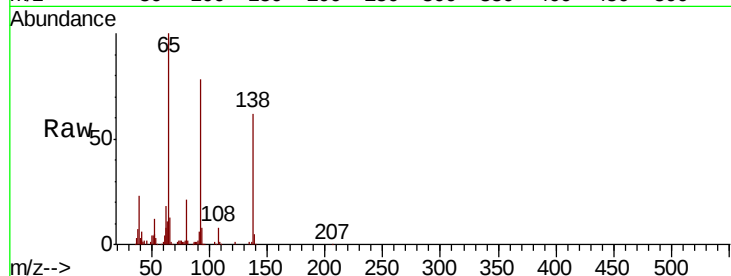
Tgt Ion:138 Resp: 69900

Ion Ratio Lower Upper

138 100

108 13.2 8.5 12.7#

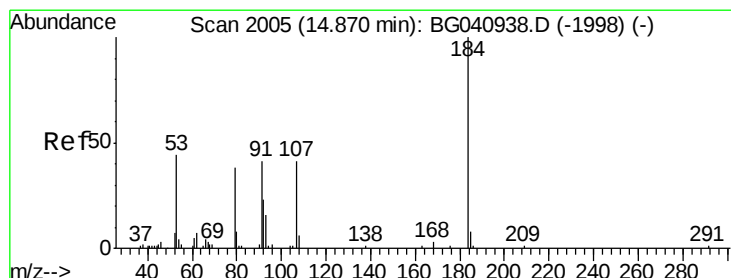
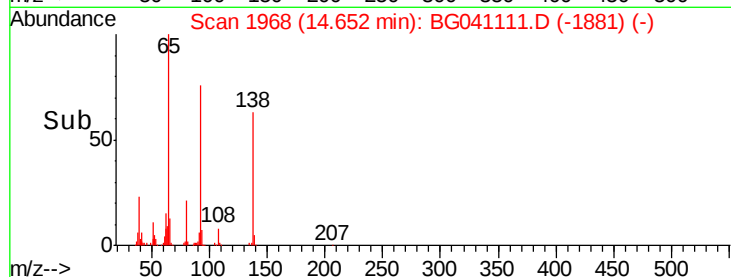
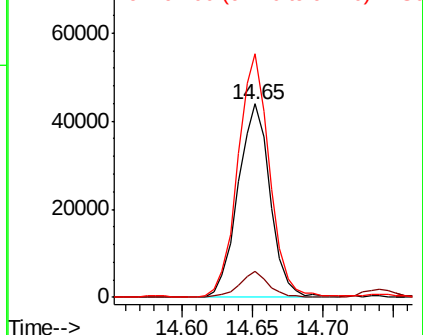
92 125.8 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 105.977 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

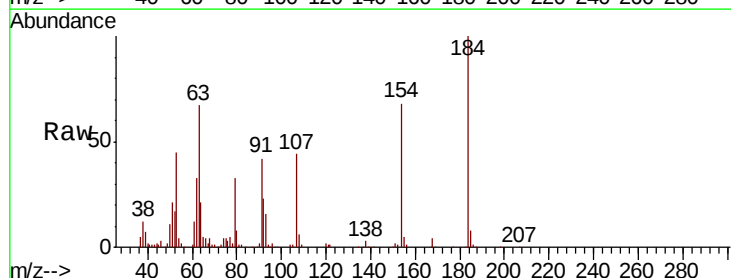
Tgt Ion:184 Resp: 137968

Ion Ratio Lower Upper

184 100

63 67.3 49.8 74.6

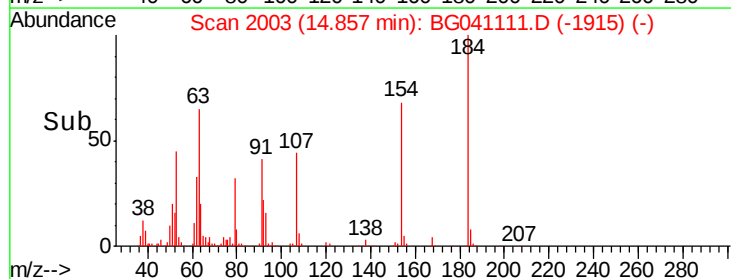
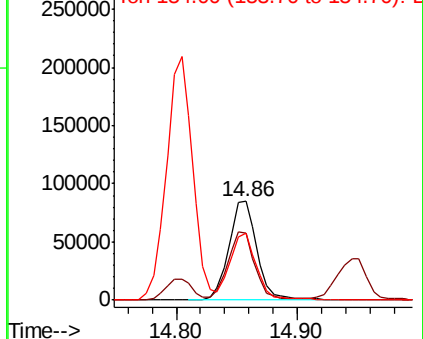
154 68.2 52.2 78.4

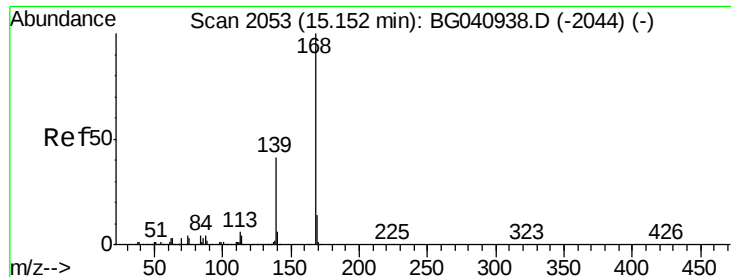


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

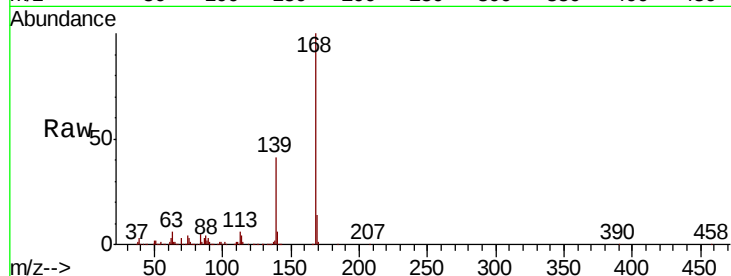




#55  
Dibenzenofuran  
Concen: 47.297 ng  
RT: 15.13 min Scan# 2050  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.5  | 32.8  | 49.2  |
| 169     | 14.1  | 11.3  | 16.9  |

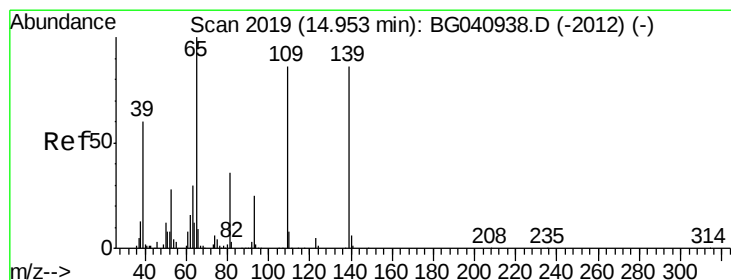
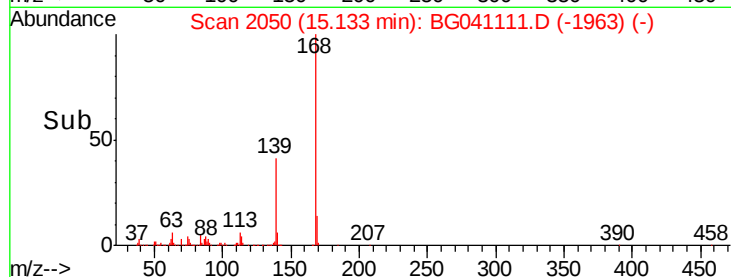
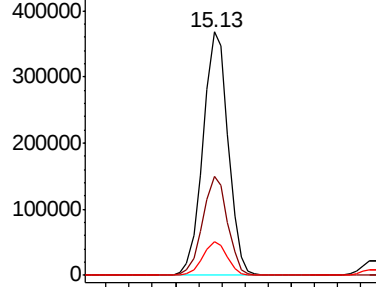


Abundance

Ion 168.00 (167.70 to 168.70): E

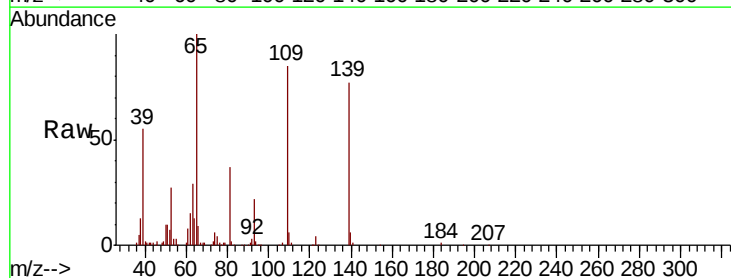
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 106.152 ng  
RT: 14.95 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 109.2 | 79.6  | 119.6 |
| 65      | 129.1 | 96.9  | 136.9 |

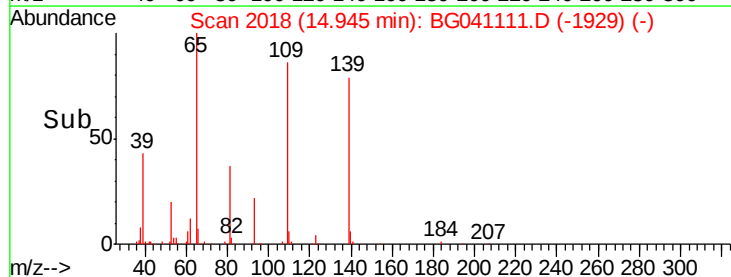
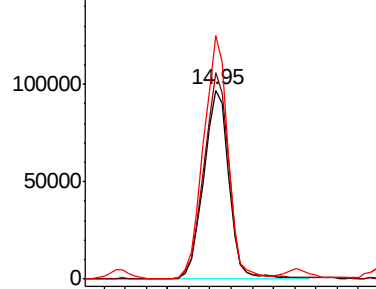


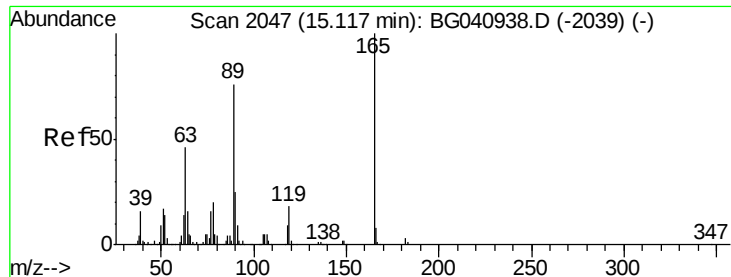
Abundance

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): BGO

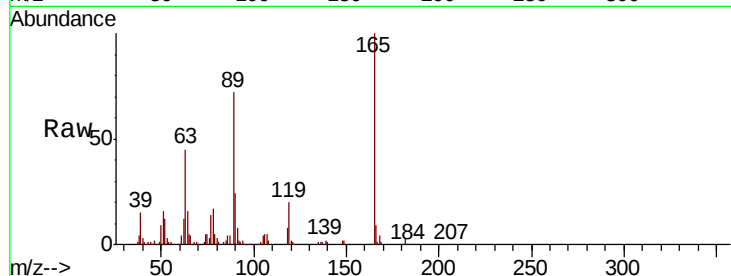




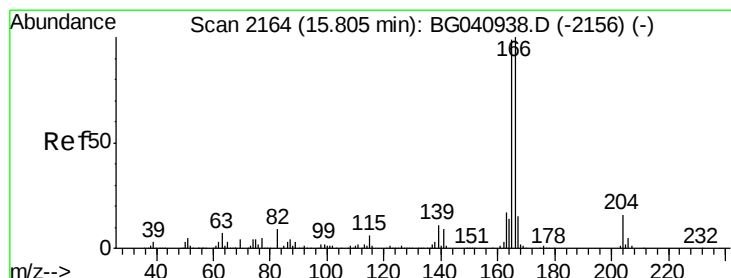
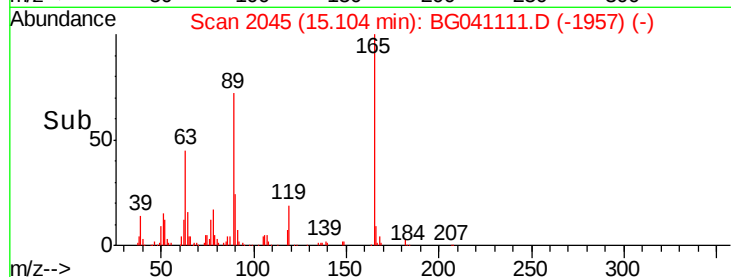
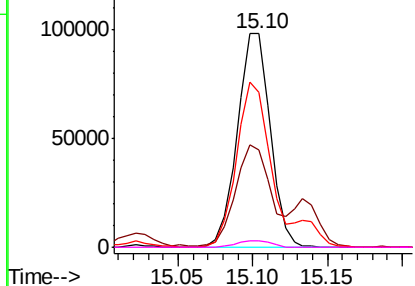
#57  
2,4-Dinitrotoluene  
Concen: 48.299 ng  
RT: 15.10 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

Tgt Ion:165 Resp: 149841  
Ion Ratio Lower Upper  
165 100  
63 45.4 37.3 55.9  
89 72.2 61.0 91.6  
182 2.8 2.2 3.2

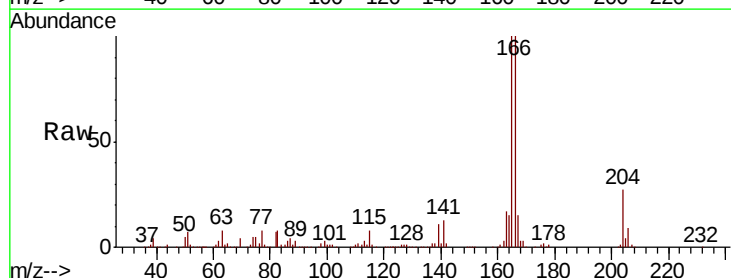


Abundance Ion 165.00 (164.70 to 165.70): E  
150000  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

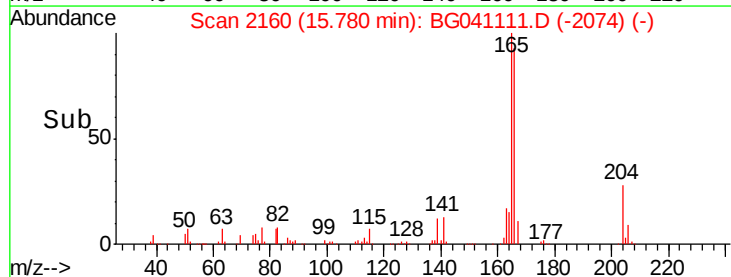
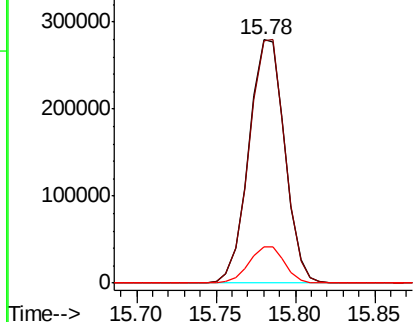


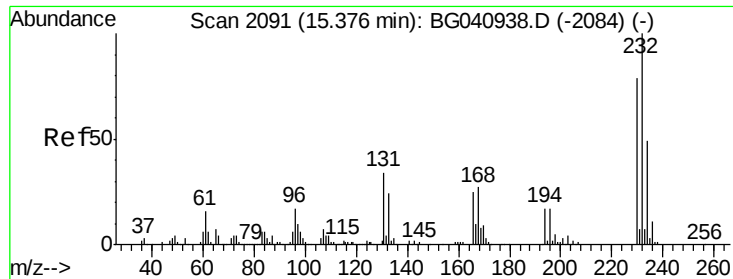
#58  
Fluorene  
Concen: 47.056 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:166 Resp: 439626  
Ion Ratio Lower Upper  
166 100  
165 99.5 79.2 118.8  
167 14.7 11.8 17.6



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

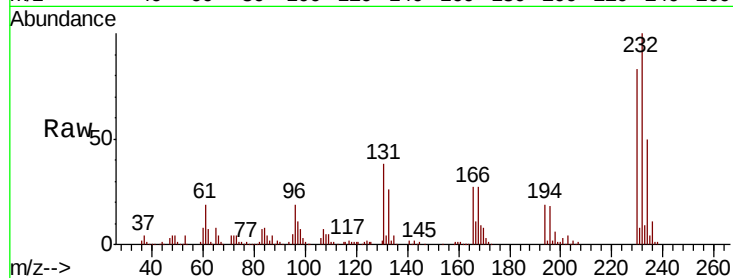




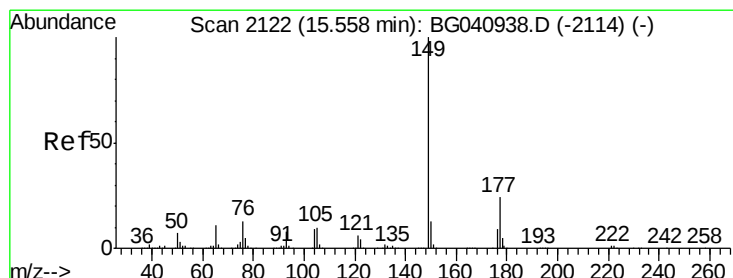
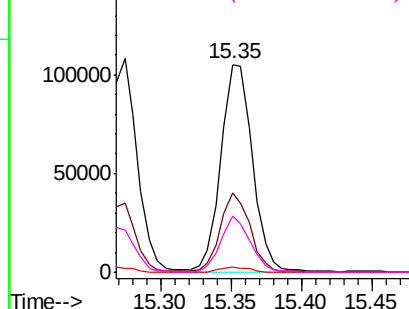
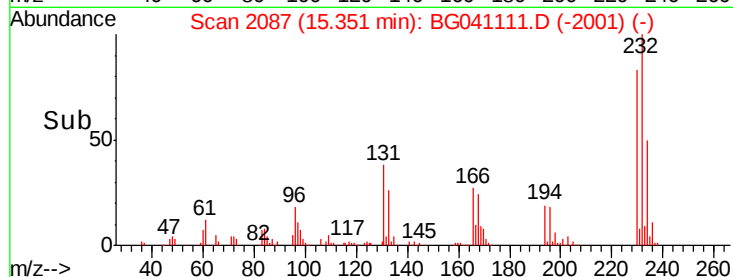
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 50.610 ng  
 RT: 15.35 min Scan# 2087  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 164579 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 35.9  | 30.3  | 45.5   |
| 130      | 2.4   | 1.8   | 2.8    |
| 166      | 25.1  | 21.3  | 31.9   |

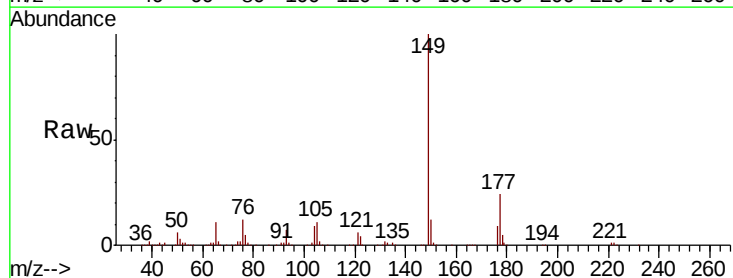


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

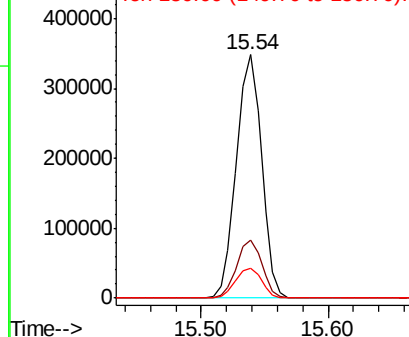
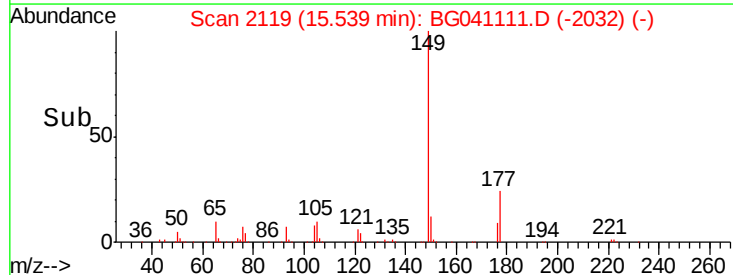


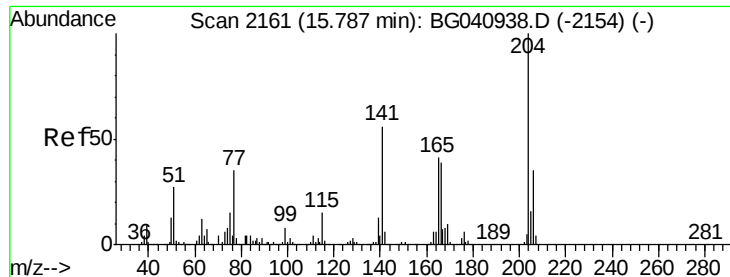
#60  
 Diethylphthalate  
 Concen: 46.005 ng  
 RT: 15.54 min Scan# 2119  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 478236 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.7  | 19.4  | 29.0   |
| 150      | 12.3  | 10.3  | 15.5   |



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

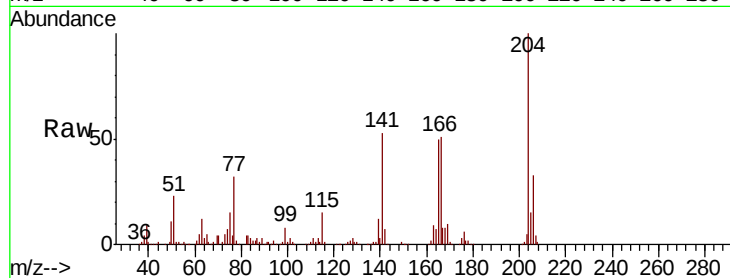




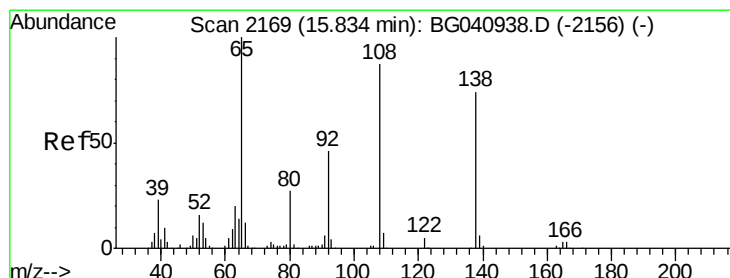
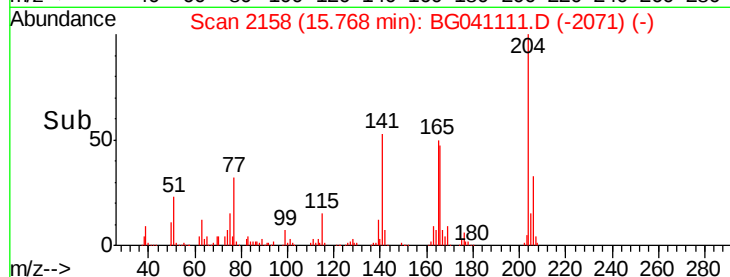
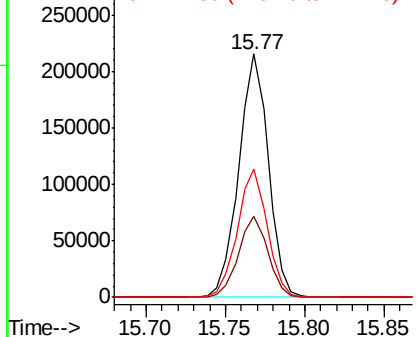
#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.860 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

Tgt Ion:204 Resp: 278488  
 Ion Ratio Lower Upper  
 204 100  
 206 33.3 27.6 41.4  
 141 52.9 45.1 67.7

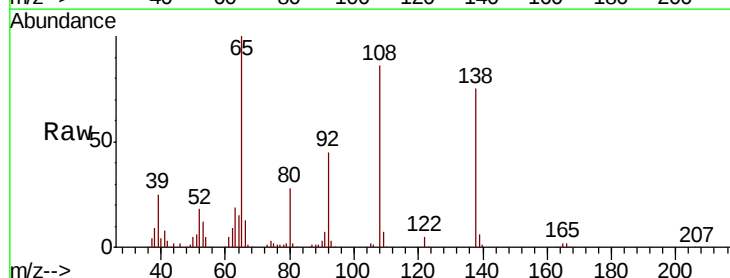


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

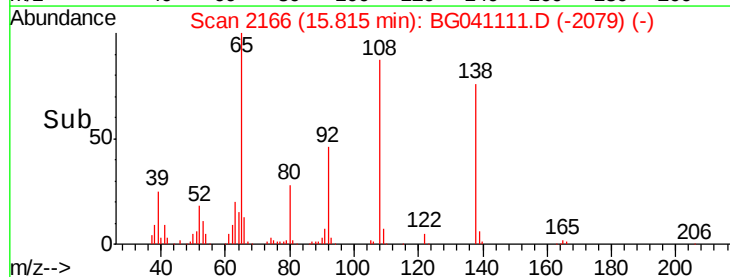
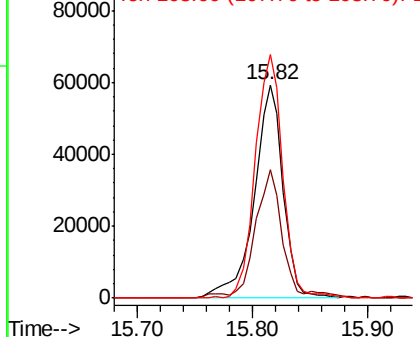


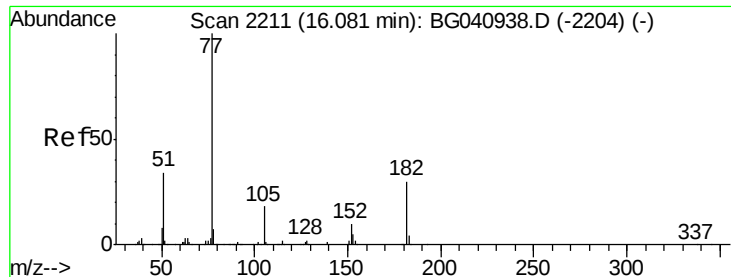
#62  
 4-Nitroaniline  
 Concen: 44.511 ng  
 RT: 15.82 min Scan# 2166  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Tgt Ion:138 Resp: 103489  
 Ion Ratio Lower Upper  
 138 100  
 92 60.3 42.4 82.4  
 108 114.3 96.9 136.9



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





#63

Azobenzene

Concen: 46.669 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

Tgt Ion: 77 Resp: 440933

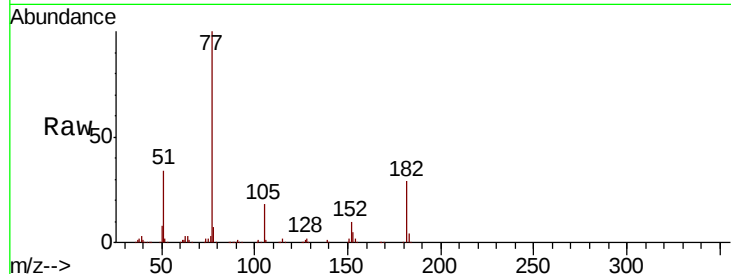
Ion Ratio Lower Upper

77 100

182 29.0 9.6 49.6

105 18.5 0.0 37.5

51 34.1 13.7 53.7

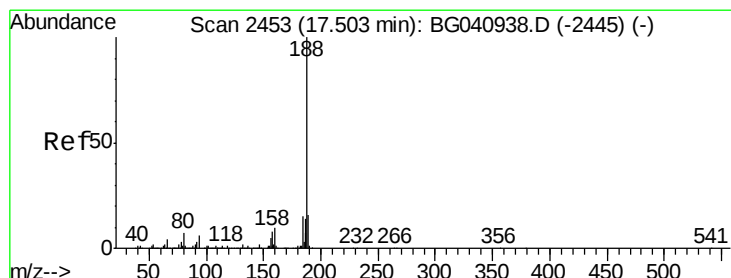
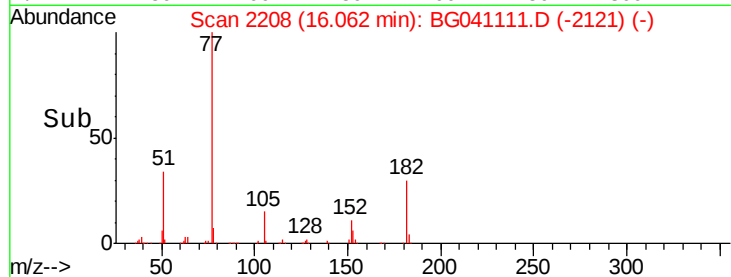
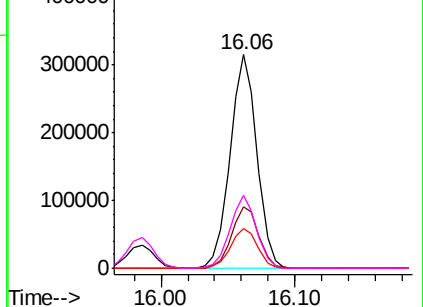


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

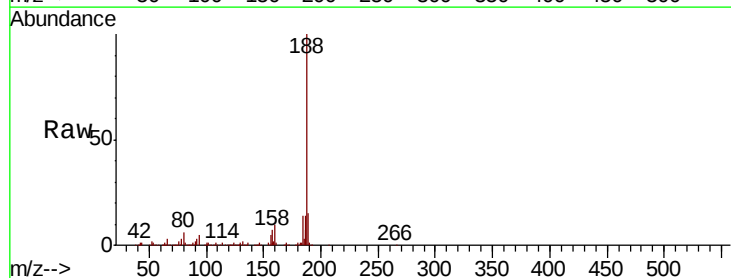
Tgt Ion: 188 Resp: 316283

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

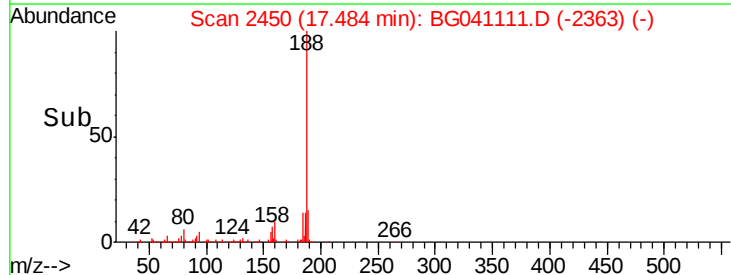
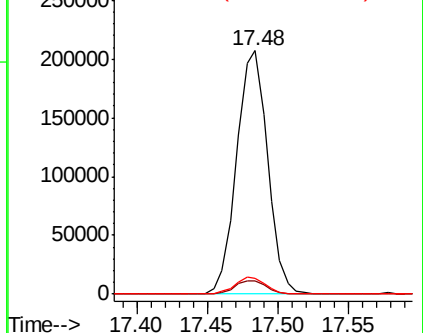
80 6.3 5.8 8.8

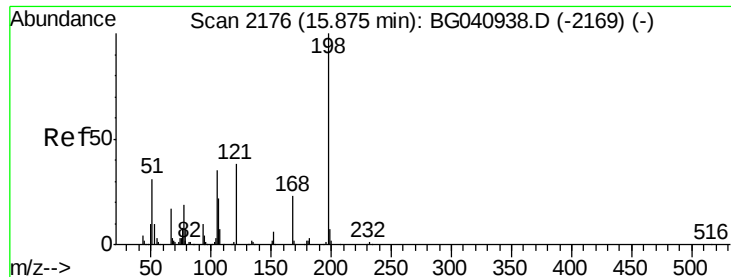


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 53.005 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

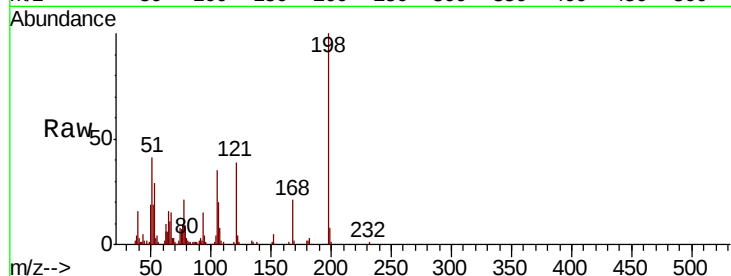
Tgt Ion:198 Resp: 91683

Ion Ratio Lower Upper

198 100

51 41.1 21.6 61.6

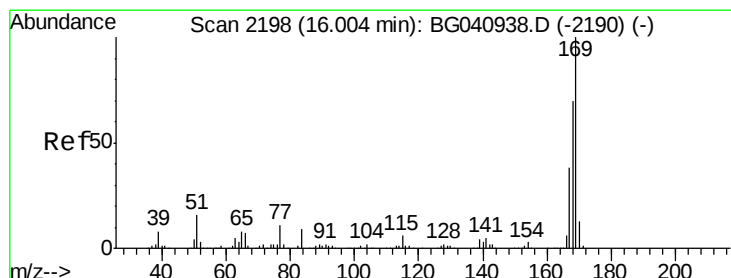
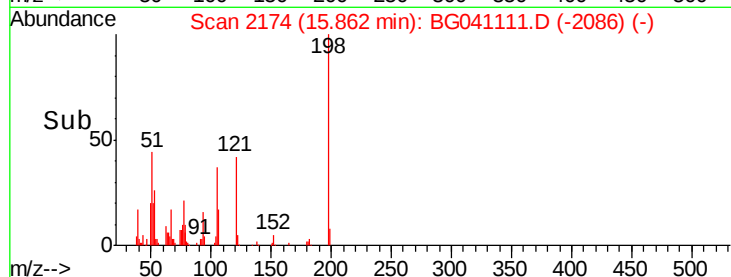
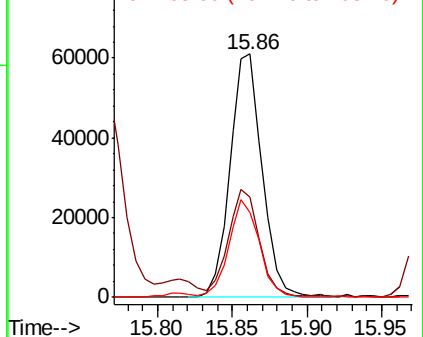
105 34.6 17.5 57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.233 ng

RT: 15.99 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

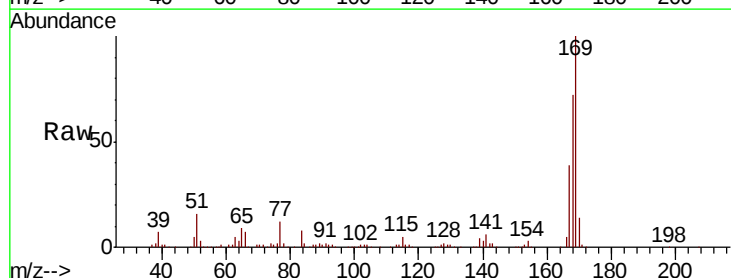
Tgt Ion:169 Resp: 402168

Ion Ratio Lower Upper

169 100

168 72.2 55.7 83.5

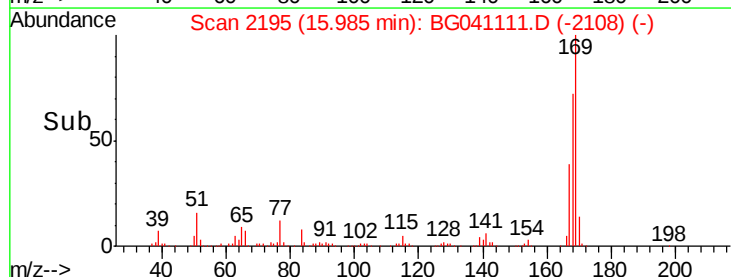
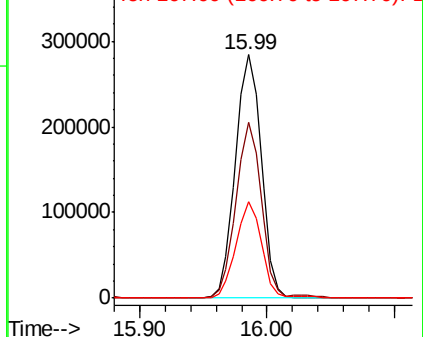
167 39.5 30.2 45.2

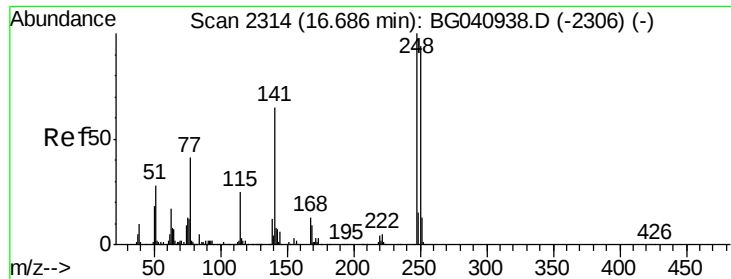


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

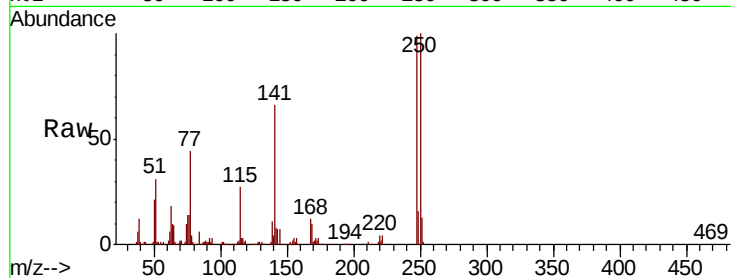




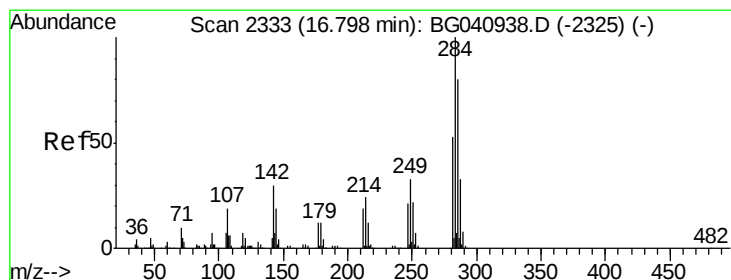
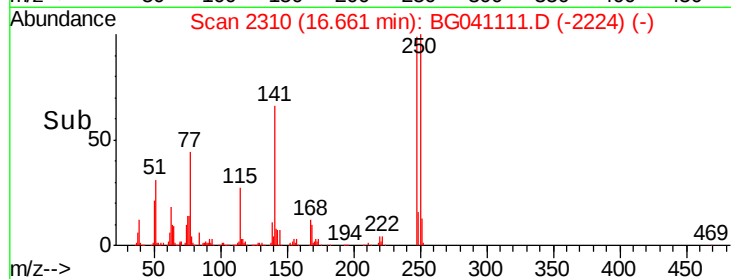
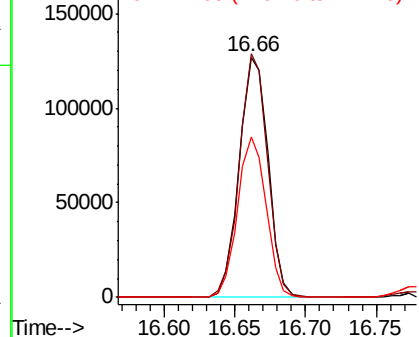
#67  
4-Bromophenyl-phenylether  
Concen: 42.340 ng  
RT: 16.66 min Scan# 2310  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

Tgt Ion:248 Resp: 180722  
Ion Ratio Lower Upper  
248 100  
250 101.3 75.0 112.4  
141 66.9 52.4 78.6

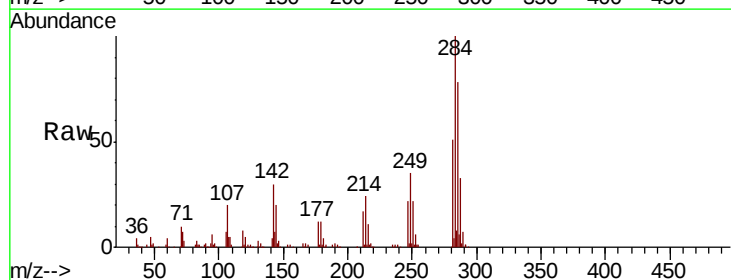


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

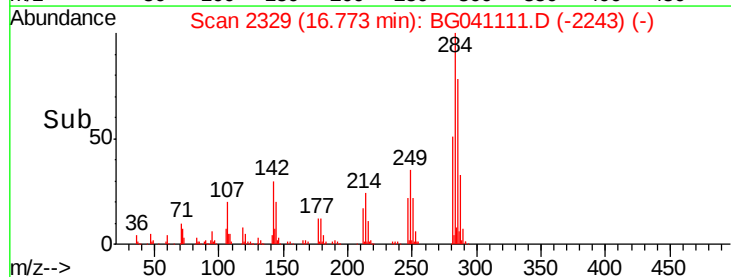
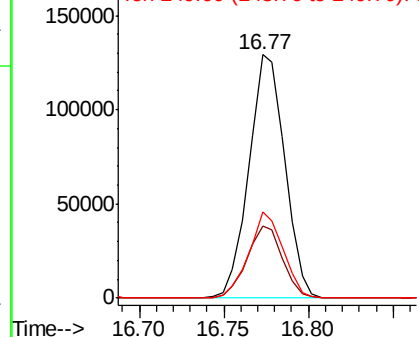


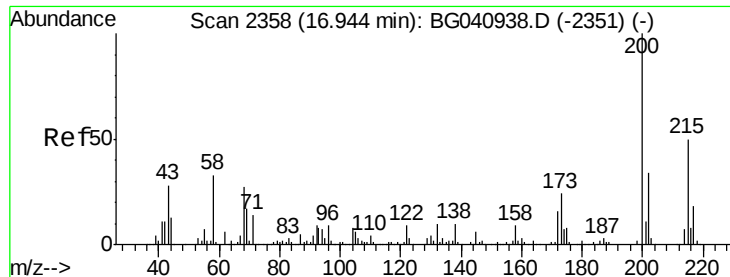
#68  
Hexachlorobenzene  
Concen: 42.029 ng  
RT: 16.77 min Scan# 2329  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:284 Resp: 191026  
Ion Ratio Lower Upper  
284 100  
142 29.8 23.9 35.9  
249 35.4 26.8 40.2



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





#69

Atrazine

Concen: 49.797 ng

RT: 16.93 min Scan# 2355

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

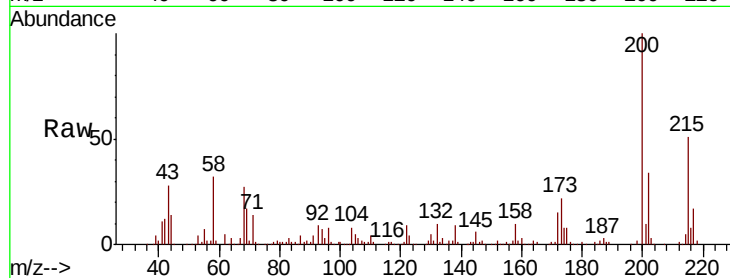
Tgt Ion:200 Resp: 170837

Ion Ratio Lower Upper

200 100

173 22.4 3.6 43.6

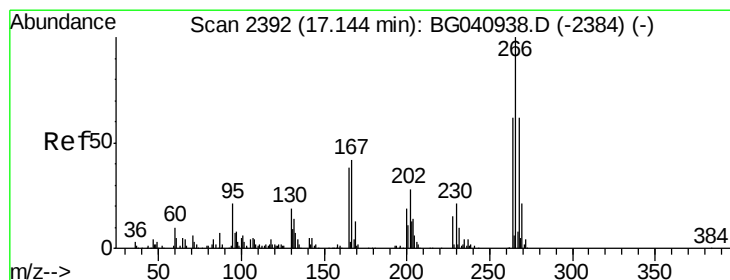
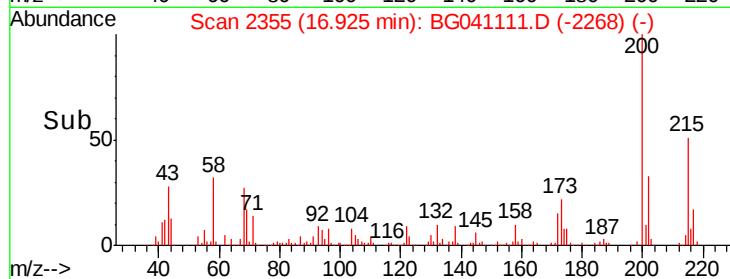
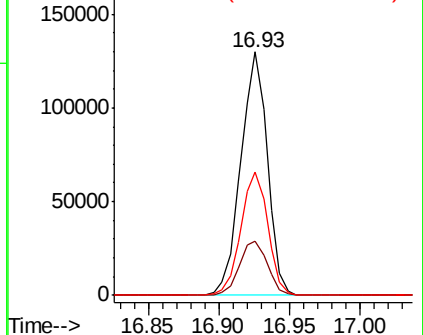
215 50.6 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 93.979 ng

RT: 17.13 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

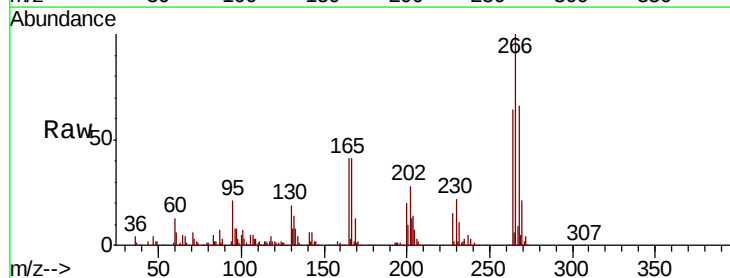
Tgt Ion:266 Resp: 230736

Ion Ratio Lower Upper

266 100

268 66.0 53.1 79.7

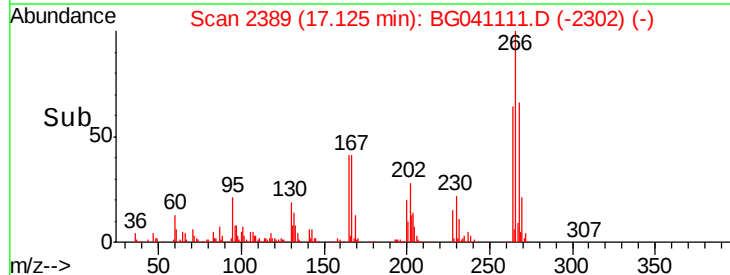
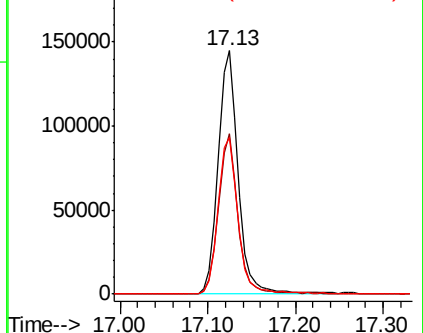
264 64.4 49.9 74.9

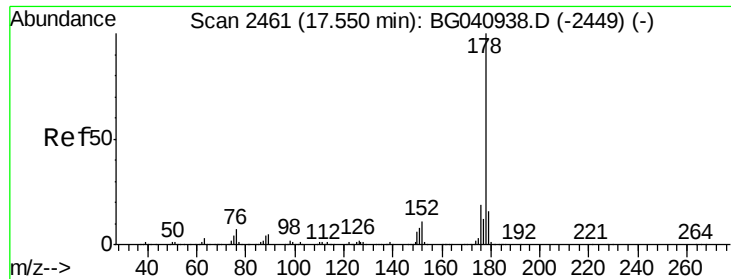


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.214 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

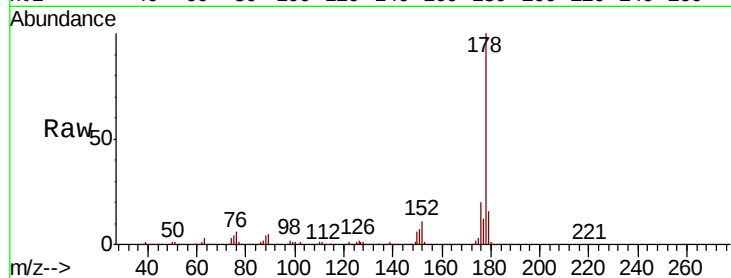
Tgt Ion:178 Resp: 761365

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

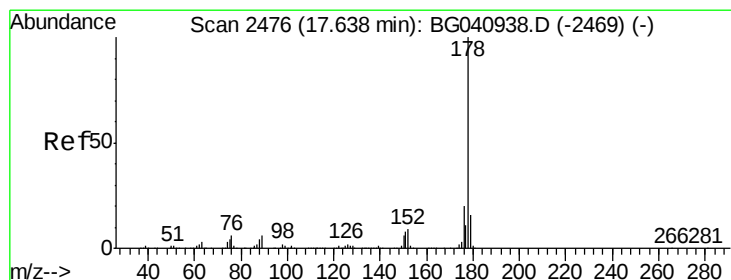
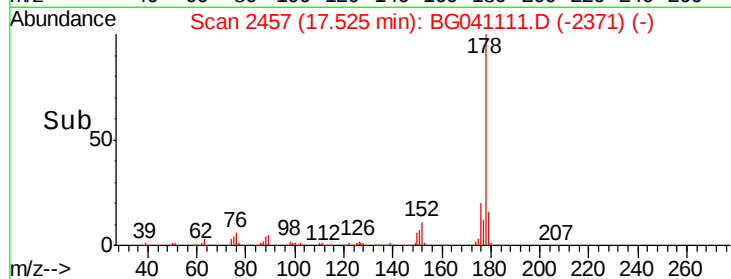
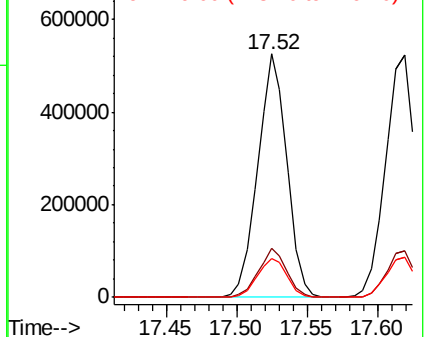
179 16.2 12.7 19.1



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: 47.636 ng

RT: 17.62 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

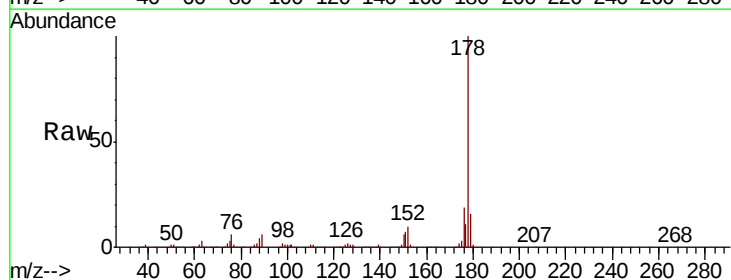
Tgt Ion:178 Resp: 774006

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

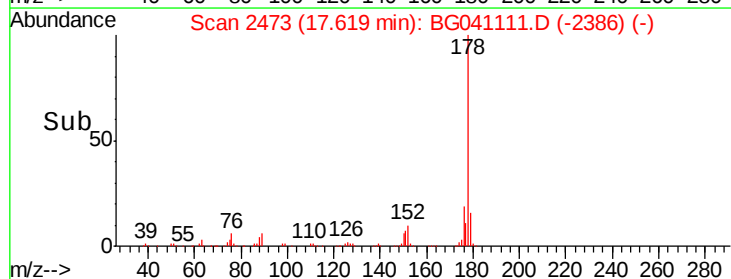
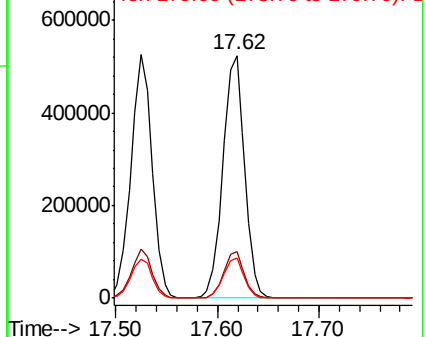
179 16.3 13.0 19.4

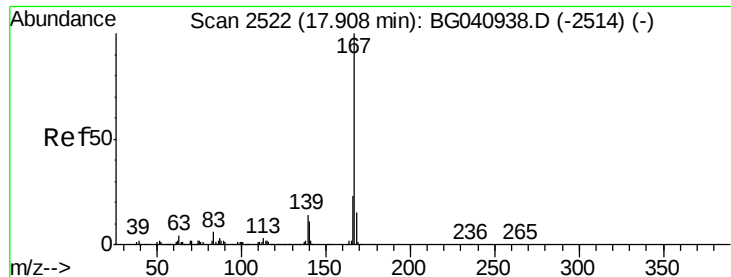


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

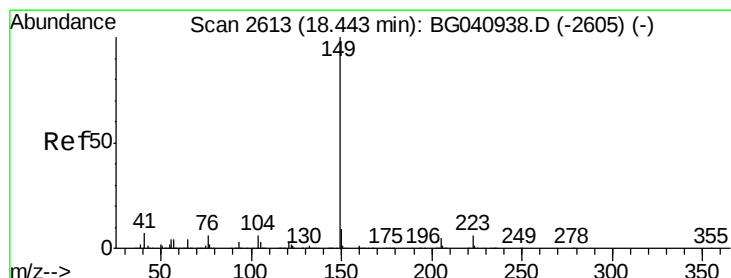
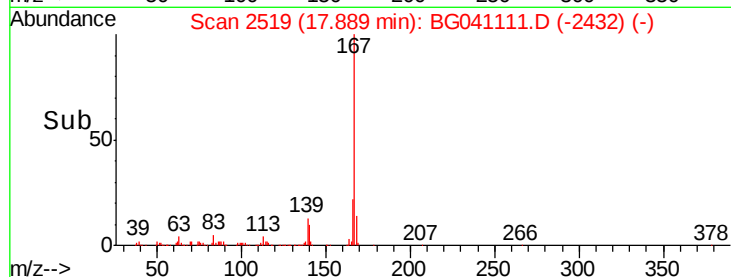
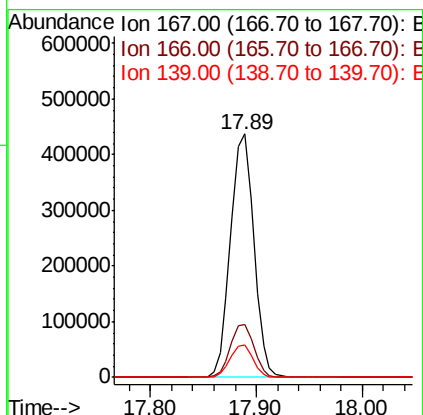
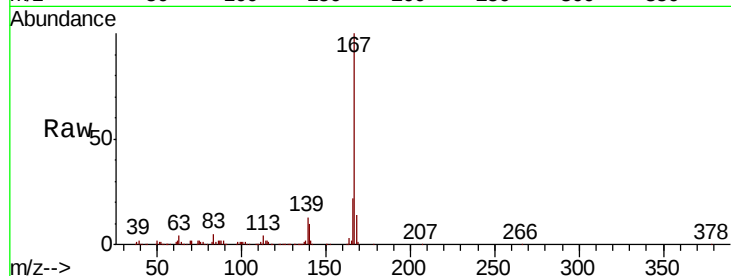




#73  
 Carbazole  
 Concen: 47.977 ng  
 RT: 17.89 min Scan# 2519  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

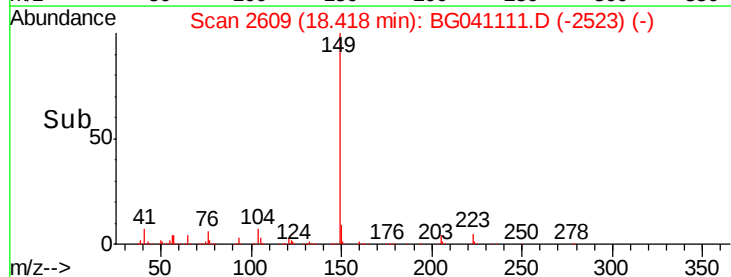
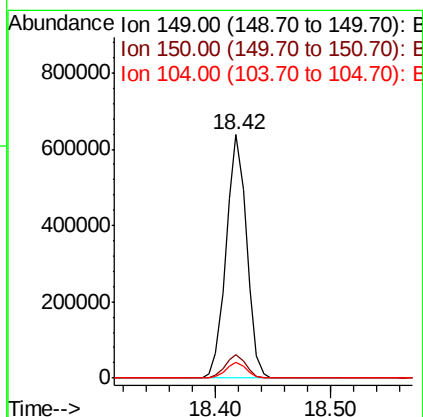
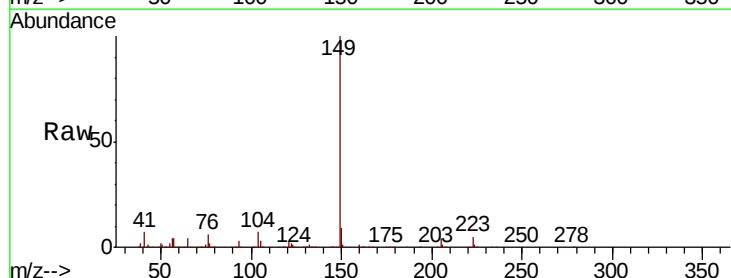
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

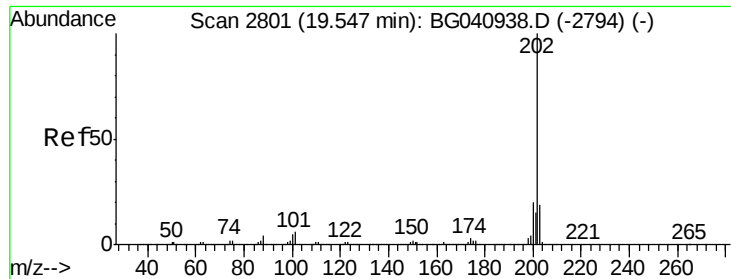
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.9  | 18.2  | 27.4  |
| 139     | 13.5  | 10.8  | 16.2  |



#74  
 Di-n-butylphthalate  
 Concen: 45.096 ng  
 RT: 18.42 min Scan# 2609  
 Delta R.T. -0.02 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.4   | 11.2  |
| 104     | 6.6   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 48.387 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

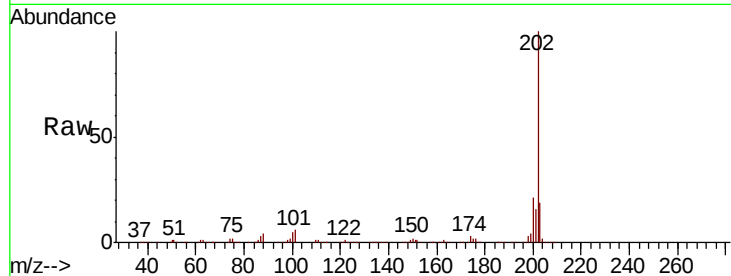
Tgt Ion:202 Resp: 984636

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

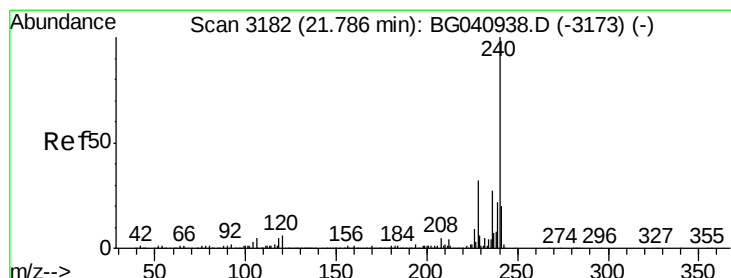
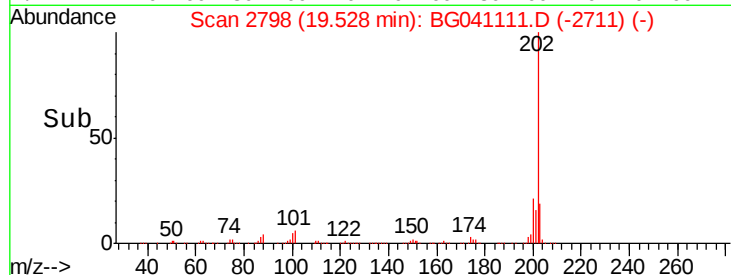
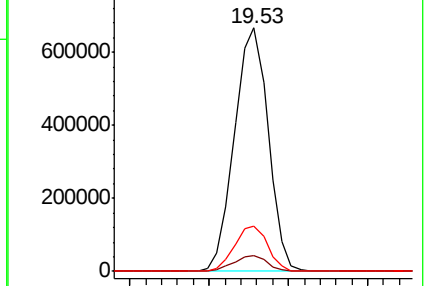
203 18.6 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

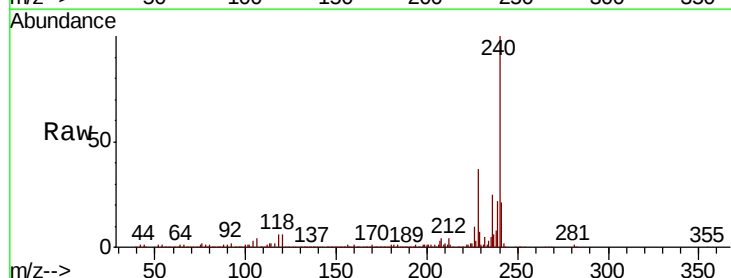
Tgt Ion:240 Resp: 316323

Ion Ratio Lower Upper

240 100

120 5.7 4.5 6.7

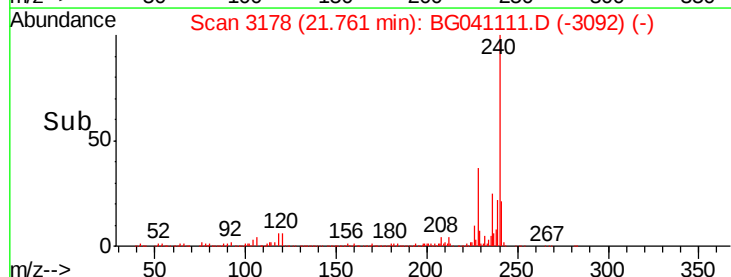
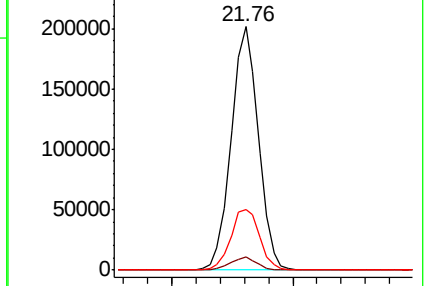
236 24.9 21.3 31.9

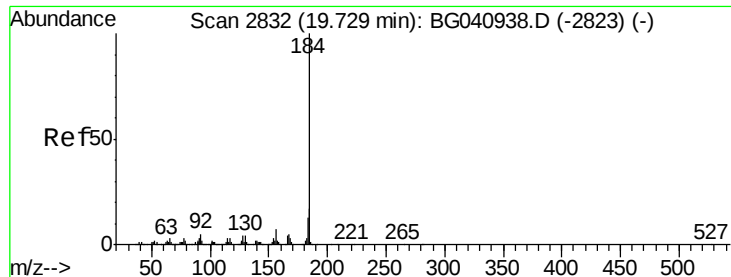


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.127 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

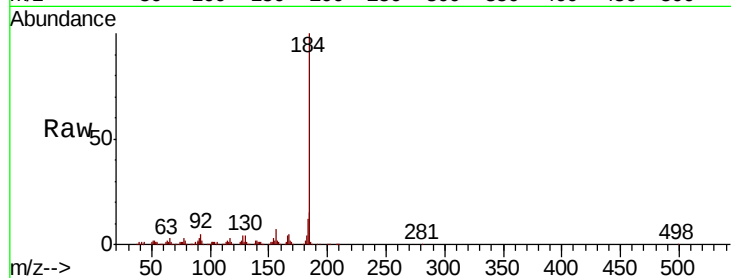
Tgt Ion:184 Resp: 408439

Ion Ratio Lower Upper

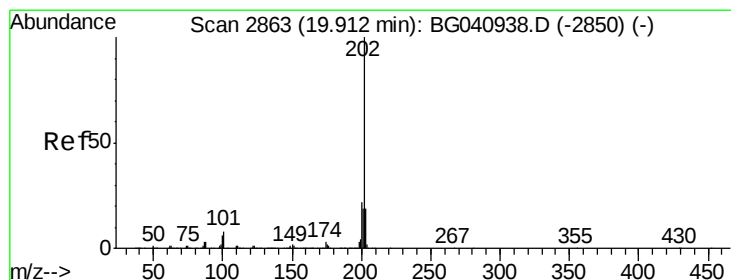
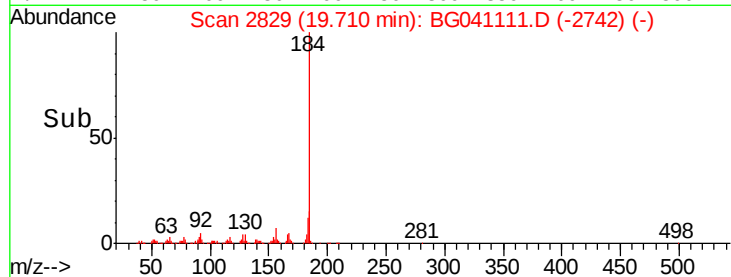
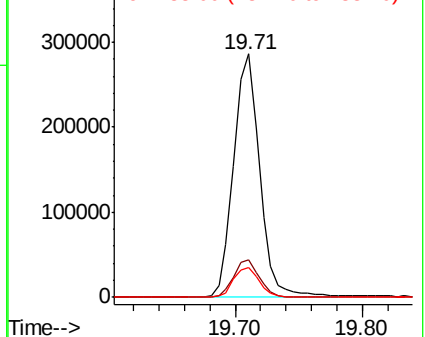
184 100

185 15.3 13.3 19.9

183 12.4 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

Pyrene

Concen: 47.378 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

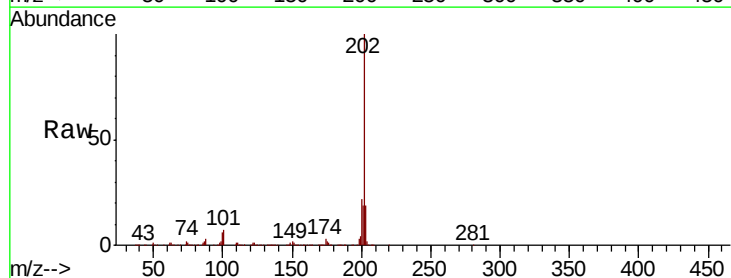
Tgt Ion:202 Resp: 974231

Ion Ratio Lower Upper

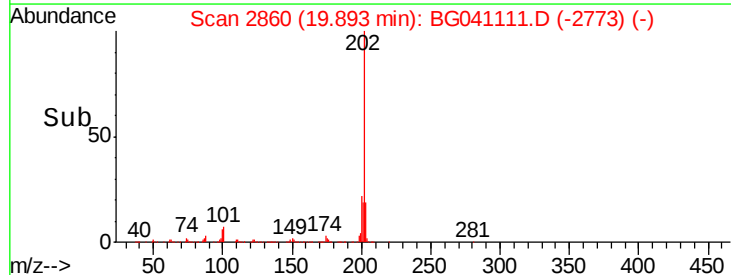
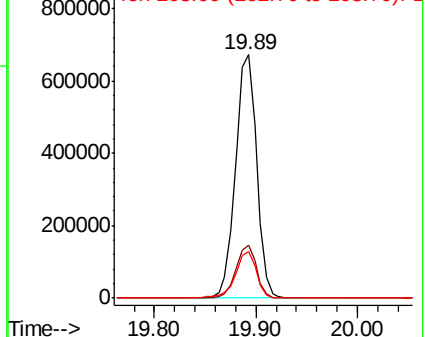
202 100

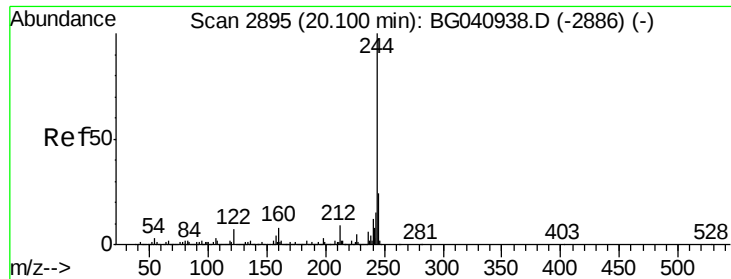
200 21.7 17.5 26.3

203 18.9 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: 86.173 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

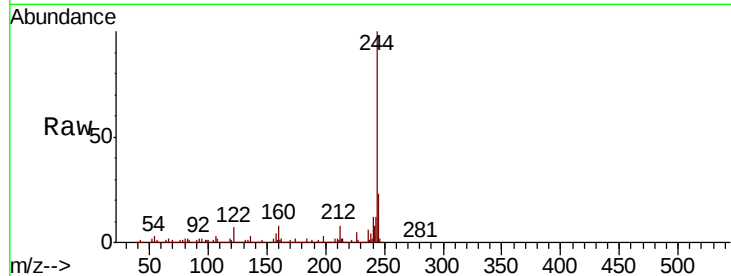
Tgt Ion:244 Resp: 1284364

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

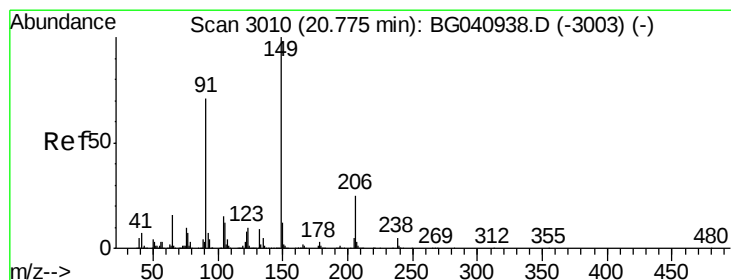
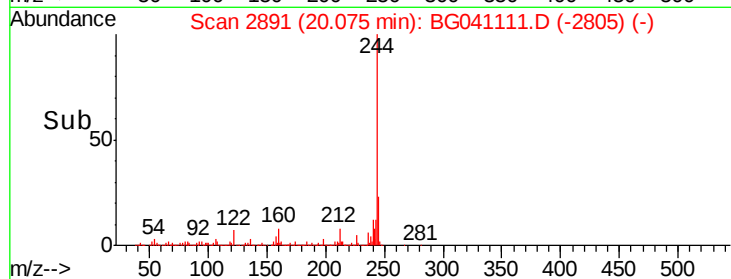
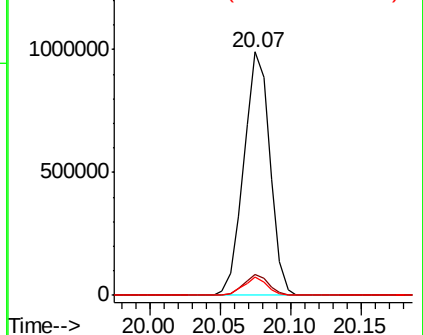
122 7.4 5.4 8.0



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: 46.132 ng

RT: 20.76 min Scan# 3007

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

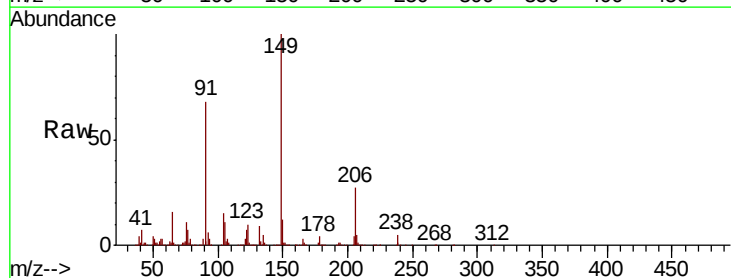
Tgt Ion:149 Resp: 369158

Ion Ratio Lower Upper

149 100

91 68.0 56.5 84.7

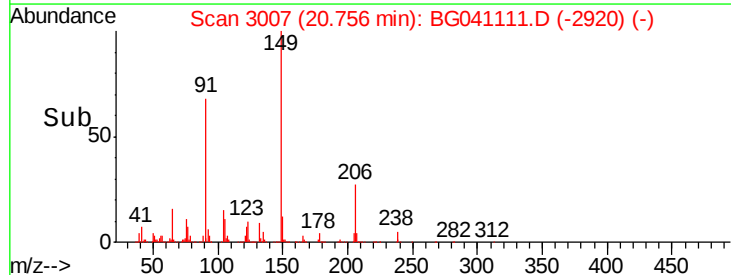
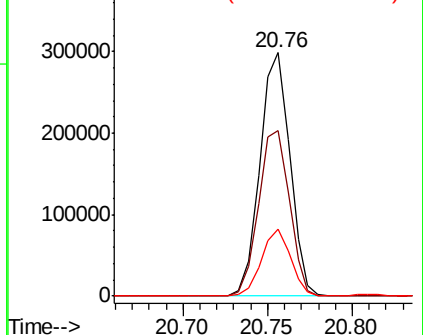
206 27.4 20.3 30.5

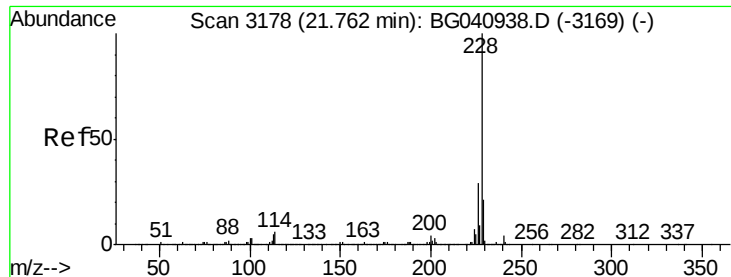


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

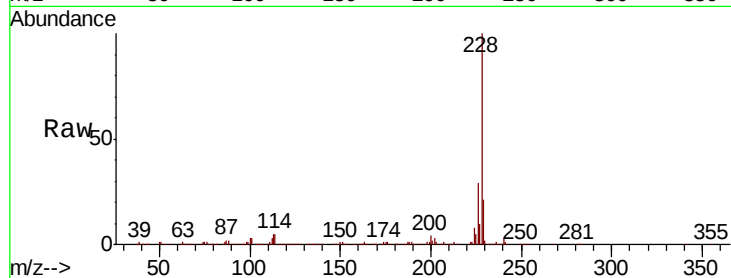




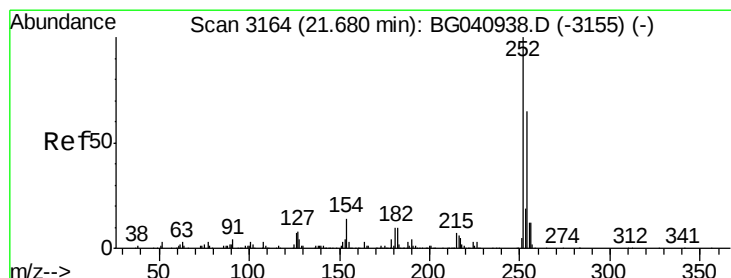
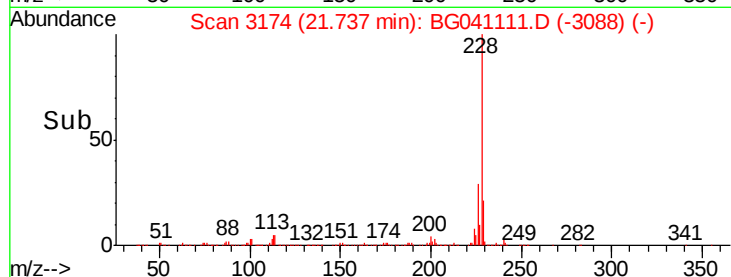
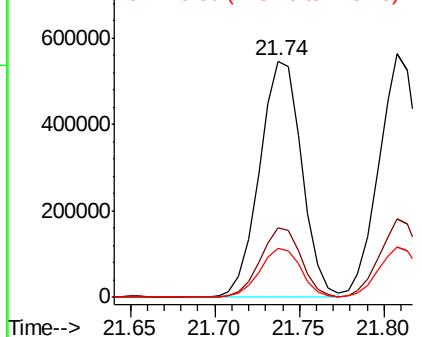
#81  
Benzo(a)anthracene  
Concen: 44.897 ng  
RT: 21.74 min Scan# 3174  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.4  | 23.5  | 35.3  |
| 229     | 20.9  | 16.7  | 25.1  |

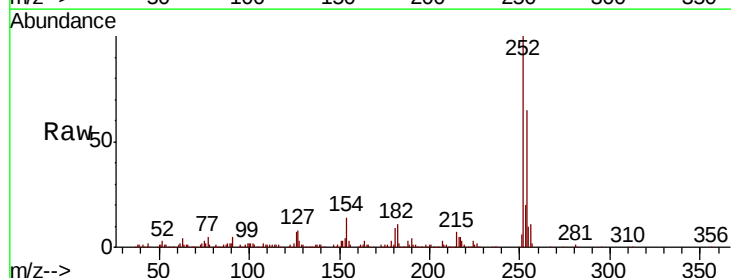


Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

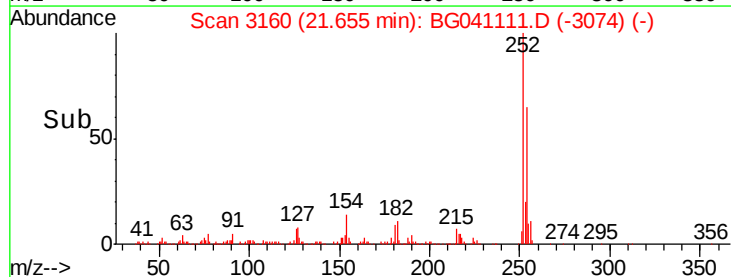
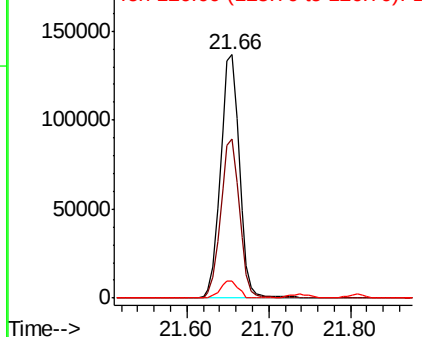


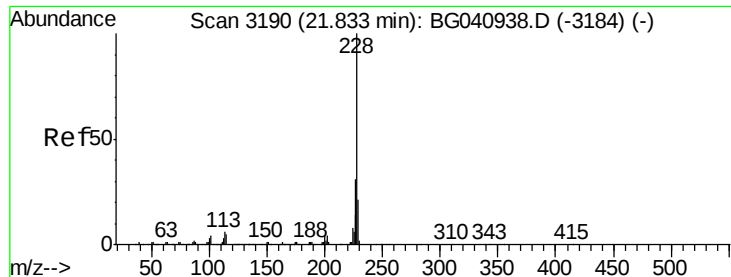
#82  
3,3'-Dichlorobenzidine  
Concen: 29.759 ng  
RT: 21.66 min Scan# 3160  
Delta R.T. -0.02 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.4  | 52.1  | 78.1  |
| 126     | 6.8   | 5.5   | 8.3   |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.935 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

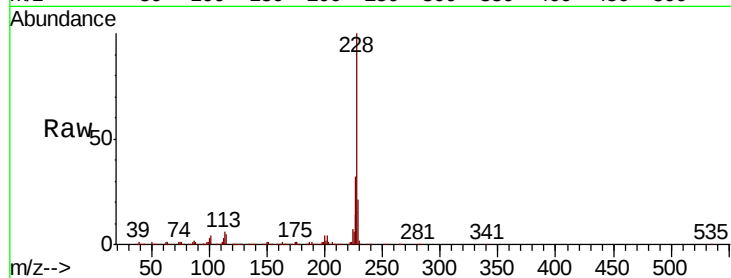
Tgt Ion:228 Resp: 925605

Ion Ratio Lower Upper

228 100

226 32.2 24.6 37.0

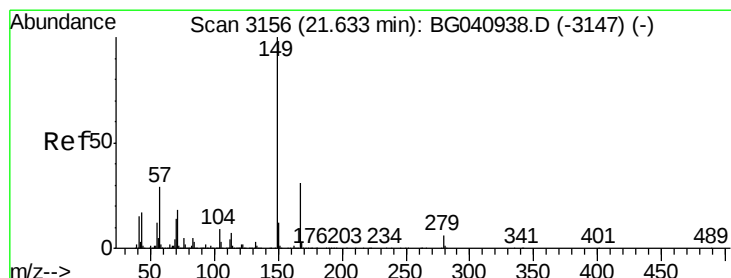
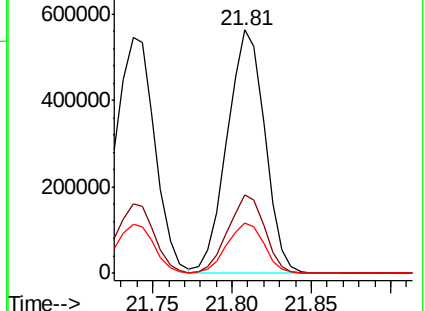
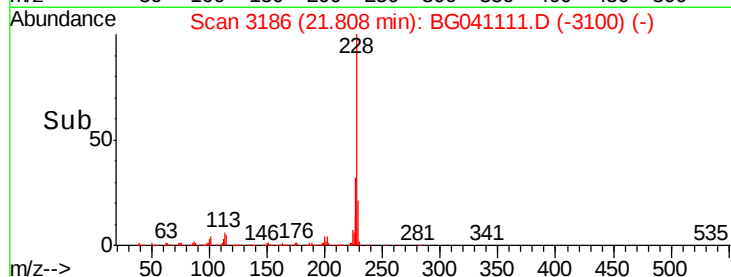
229 20.7 16.6 24.8



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: 44.840 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

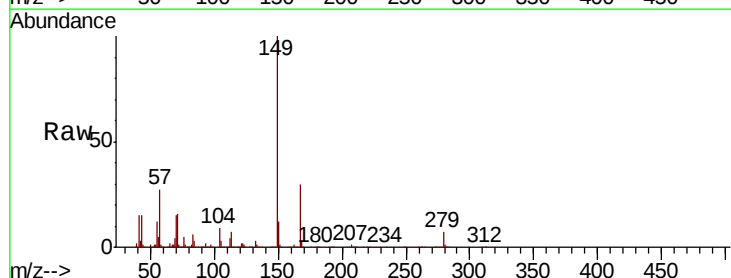
Tgt Ion:149 Resp: 505120

Ion Ratio Lower Upper

149 100

167 29.8 24.6 37.0

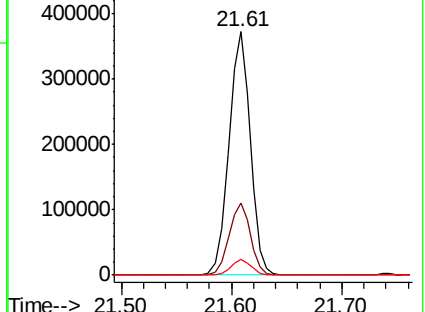
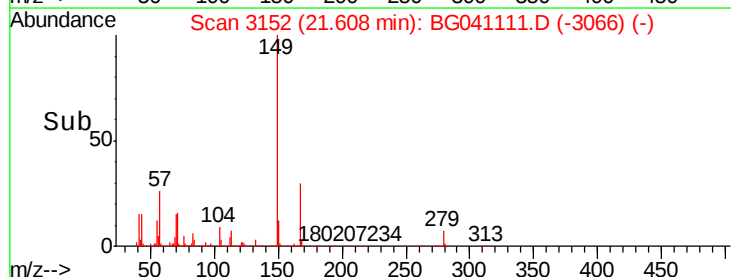
279 6.7 5.0 7.6

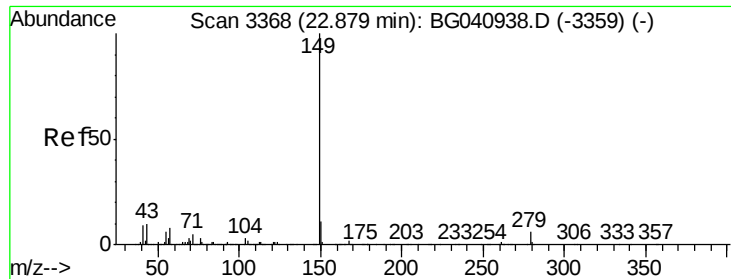


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

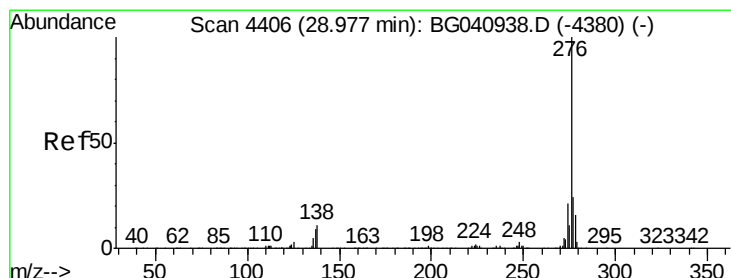
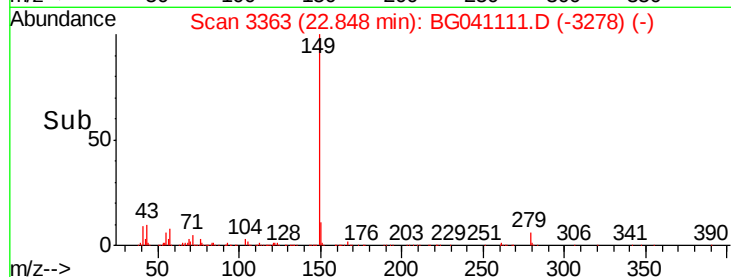
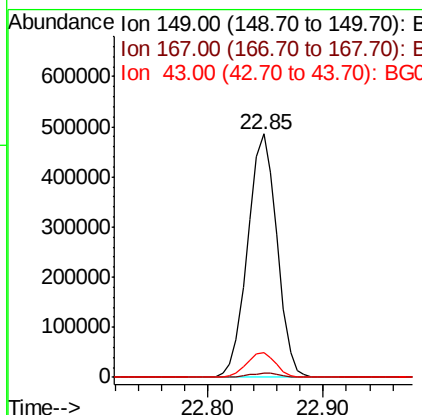
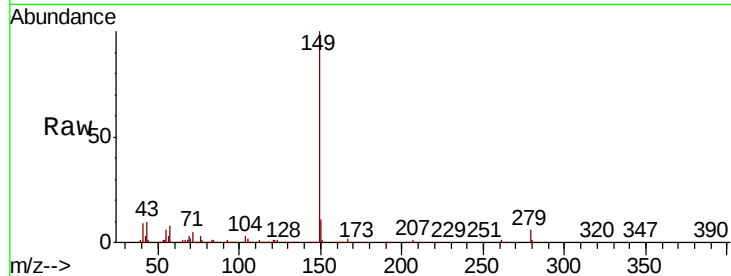




#85  
Di-n-octyl phthalate  
Concen: 45.763 ng  
RT: 22.85 min Scan# 3363  
Delta R.T. -0.03 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

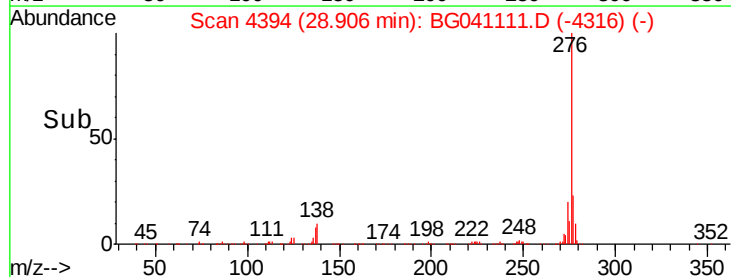
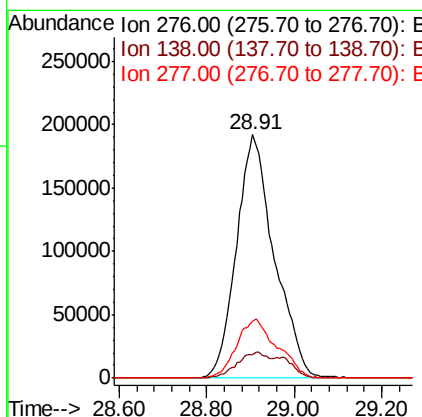
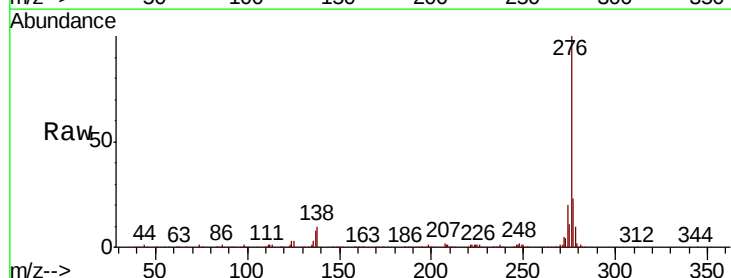
Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

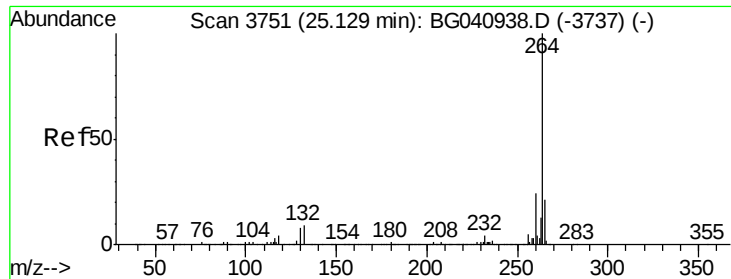
Tgt Ion:149 Resp: 858569  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.4 2.0  
43 10.0 8.1 12.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 45.703 ng  
RT: 28.91 min Scan# 4394  
Delta R.T. -0.07 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:276 Resp: 1128099  
Ion Ratio Lower Upper  
276 100  
138 9.3 5.7 8.5#  
277 26.0 20.8 31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.05 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

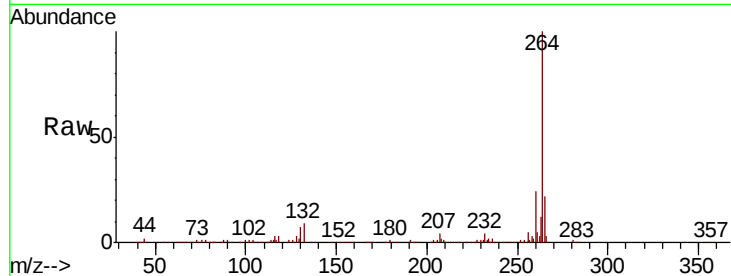
Tgt Ion:264 Resp: 337667

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

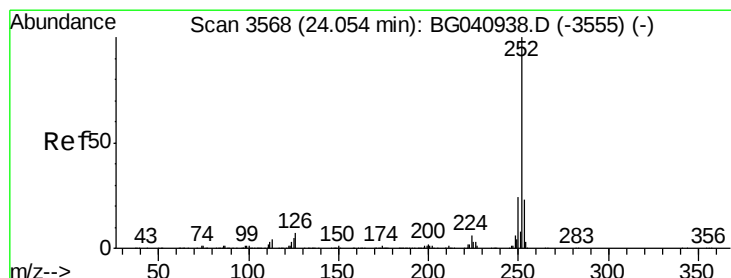
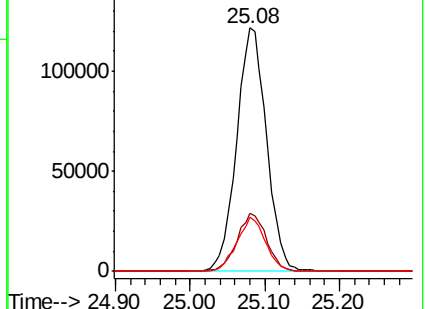
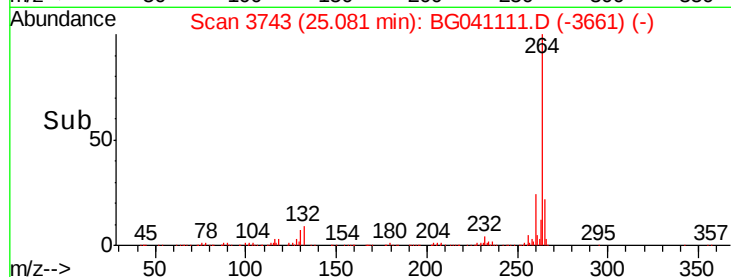
265 22.2 17.0 25.4



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: 46.194 ng

RT: 24.02 min Scan# 3563

Delta R.T. -0.03 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

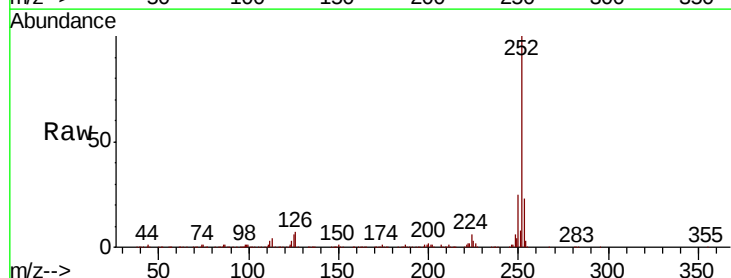
Tgt Ion:252 Resp: 946075

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

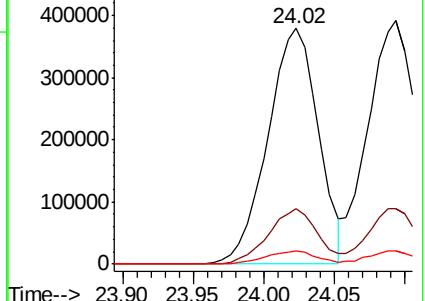
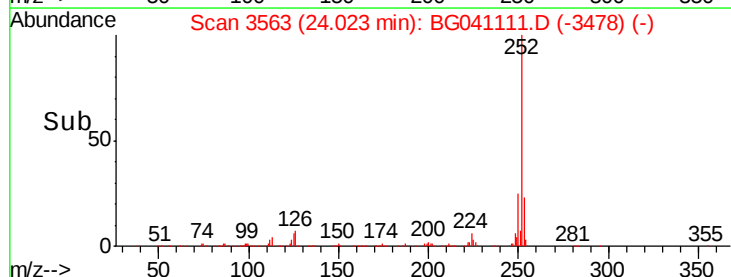
125 5.5 4.3 6.5

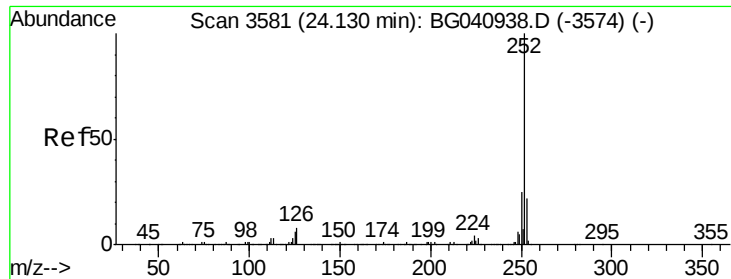


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

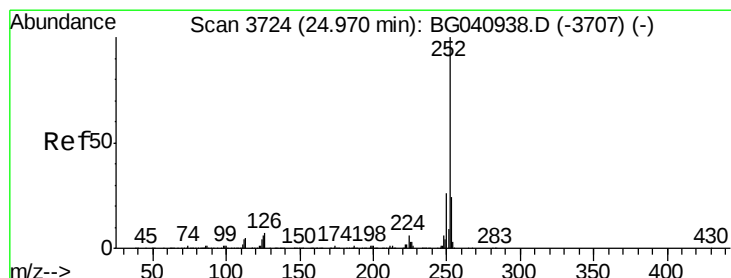
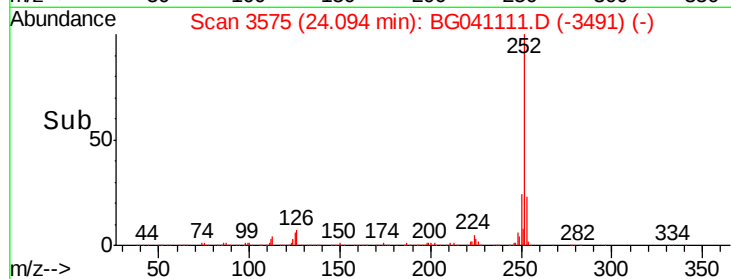
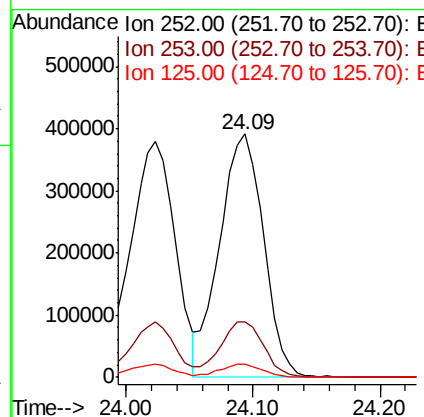
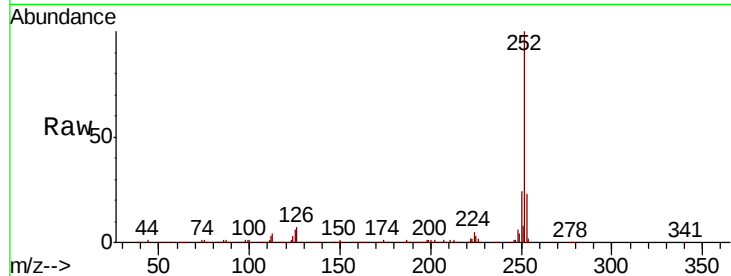




#89  
Benzo(k)fluoranthene  
Concen: 46.302 ng  
RT: 24.09 min Scan# 3575  
Delta R.T. -0.04 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

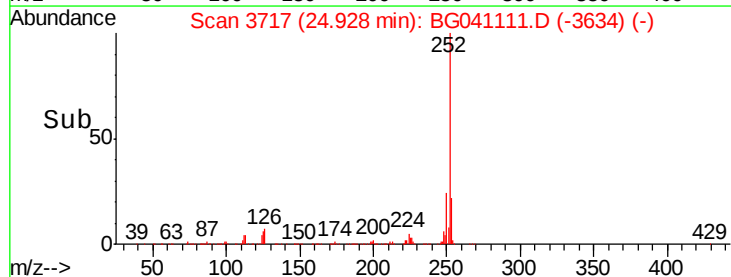
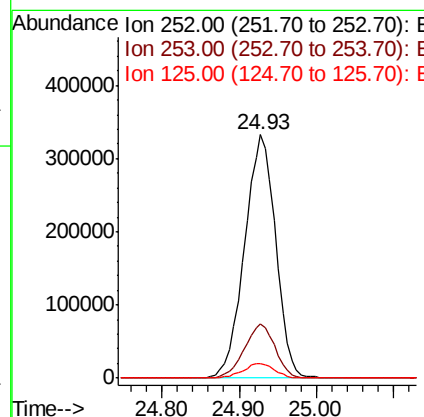
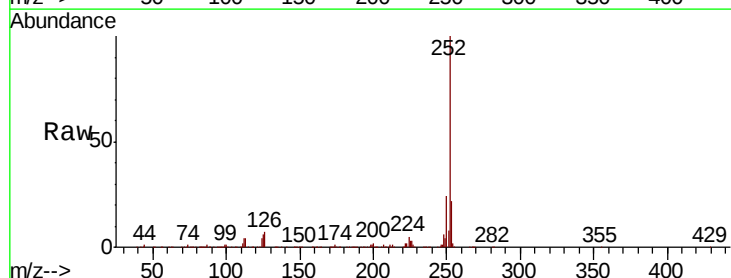
Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

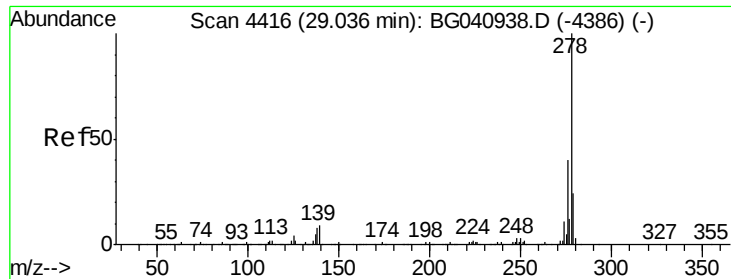
Tgt Ion:252 Resp: 938403  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.6  
125 5.5 4.7 7.1



#90  
Benzo(a)pyrene  
Concen: 48.084 ng  
RT: 24.93 min Scan# 3717  
Delta R.T. -0.04 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Tgt Ion:252 Resp: 939565  
Ion Ratio Lower Upper  
252 100  
253 22.1 19.5 29.3  
125 5.9 5.1 7.7

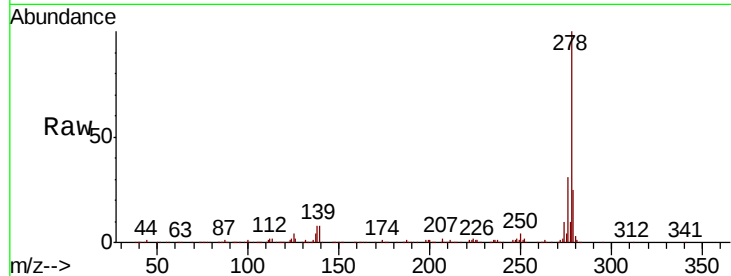




#91  
Dibenzo(a,h)anthracene  
Concen: 47.187 ng  
RT: 28.98 min Scan# 4406  
Delta R.T. -0.06 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.8   | 7.1   | 10.7  |
| 279     | 24.7  | 19.4  | 29.2  |

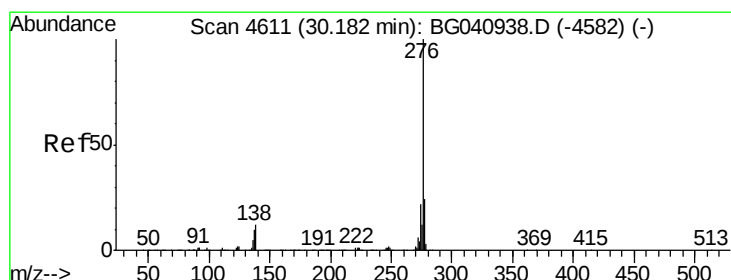
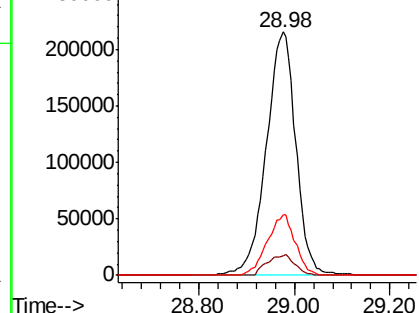
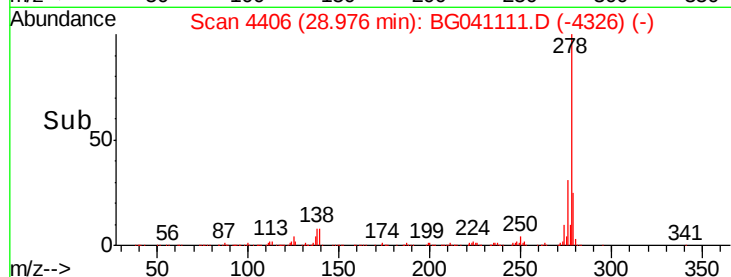


Abundance

Ion 278.00 (277.70 to 278.70): E

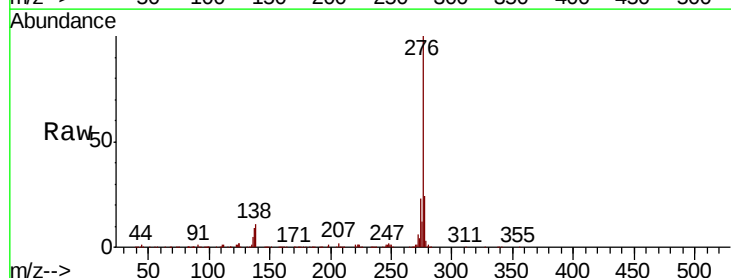
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 49.079 ng  
RT: 30.12 min Scan# 4601  
Delta R.T. -0.06 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 19.4  | 29.0  |
| 138     | 11.0  | 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

