

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

Manual Integrations  
 APPROVED

mohammad  
 6/11/2019 8:54:28 AM

Quant Time: Jun 08 18:04:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 08 17:33:39 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    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 151343   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 120332   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 316283   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 316323   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.08 | 264  | 337667   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.64  | 112 | 284703  | 142.69 | ng | 0.00 |
| 7) Phenol-d6                | 7.25  | 99  | 418595  | 135.85 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.28  | 82  | 278409  | 81.67  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.23 | 330 | 239279  | 133.94 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.36 | 172 | 685345  | 82.02  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.07 | 244 | 1284364 | 86.17  | ng | 0.00 |

|                                |       |     |        |           |        |
|--------------------------------|-------|-----|--------|-----------|--------|
| Target Compounds               |       |     |        |           | Qvalue |
| 2) 1,4-Dioxane                 | 3.49  | 88  | 36560  | 40.381 ng | 98     |
| 3) Pyridine                    | 3.91  | 79  | 100467 | 37.501 ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 56763  | 45.653 ng | 94     |
| 6) Aniline                     | 7.43  | 93  | 132859 | 32.302 ng | 96     |
| 8) 2-Chlorophenol              | 7.67  | 128 | 118337 | 49.749 ng | 99     |
| 9) Benzaldehyde                | 7.24  | 77  | 36567  | 19.893 ng | 93     |
| 10) Phenol                     | 7.28  | 94  | 163688 | 49.544 ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 106287 | 44.345 ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 119541 | 42.077 ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.14  | 146 | 122518 | 42.604 ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 121188 | 43.403 ng | 99     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 135067 | 47.385 ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.62  | 45  | 162012 | 41.366 ng | 95     |
| 17) 2-Methylphenol             | 8.54  | 107 | 114776 | 47.980 ng | 98     |
| 18) Hexachloroethane           | 9.19  | 117 | 47163  | 42.552 ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 100763 | 42.492 ng | 98     |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 158951 | 47.969 ng | 95     |
| 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 | 98     |
| 26) 2-Nitrophenol              | 10.03 | 139 | 71188  | 49.704 ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 129605 | 54.791 ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.32 | 93  | 153734 | 43.904 ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 147521 | 49.112 ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 149032 | 43.614 ng | 98     |
| 31) Naphthalene                | 10.98 | 128 | 376344 | 46.315 ng | 99     |
| 32) Benzoic acid               | 10.23 | 122 | 80627  | 44.541 ng | 95     |
| 33) 4-Chloroaniline            | 11.09 | 127 | 90695  | 24.055 ng | 98     |
| 34) Hexachlorobutadiene        | 11.24 | 225 | 108370 | 41.448 ng | 97     |
| 35) Caprolactam                | 11.88 | 113 | 48615m | 49.011 ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 170391 | 49.669 ng | 96     |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 295839 | 47.271 ng | 100    |
| 38) 1-Methylnaphthalene        | 12.80 | 142 | 280324 | 47.533 ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 215104 | 44.351 ng | 99     |

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 BNA\_G  
 ClientSampleID :  
 PB120405BS

Manual Integrations  
 APPROVED

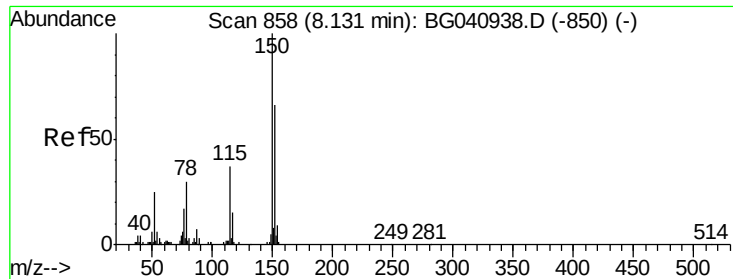
mohammad  
 6/11/2019 8:54:28 AM

Quant Time: Jun 08 18:04:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

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

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





#1

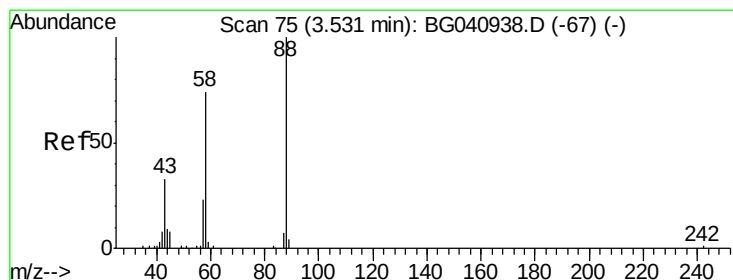
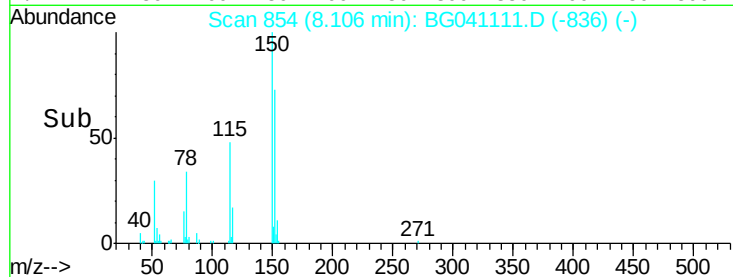
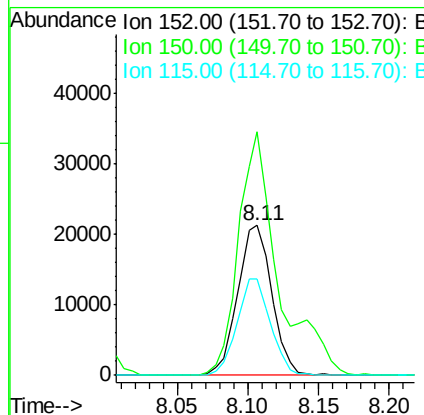
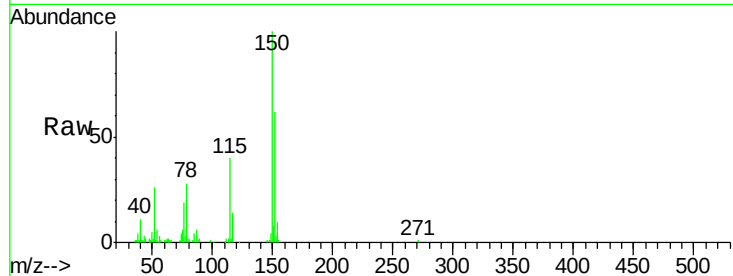
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 854  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.5 | 111.7 | 167.5 |
| 115     | 64.8  | 48.6  | 73.0  |

Manual Integrations  
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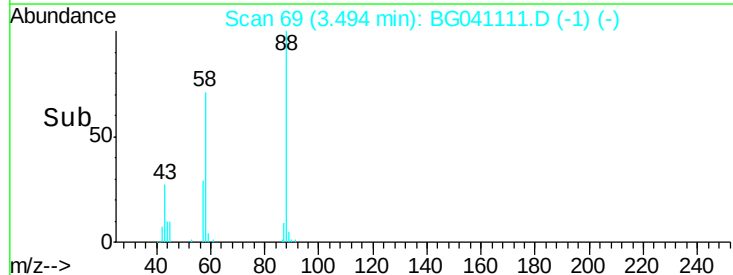
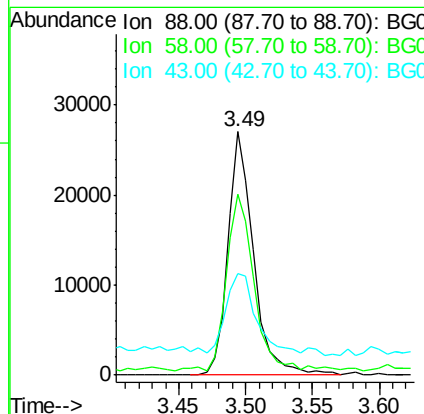
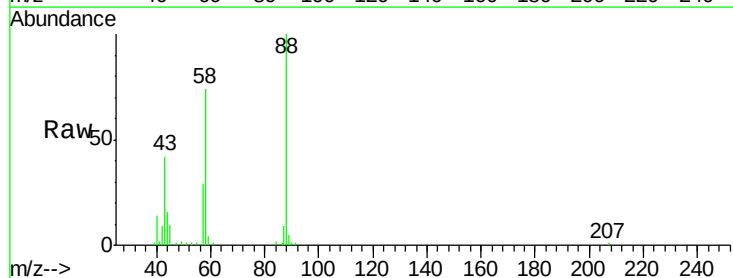
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6/11/2019 8:54:28 AM

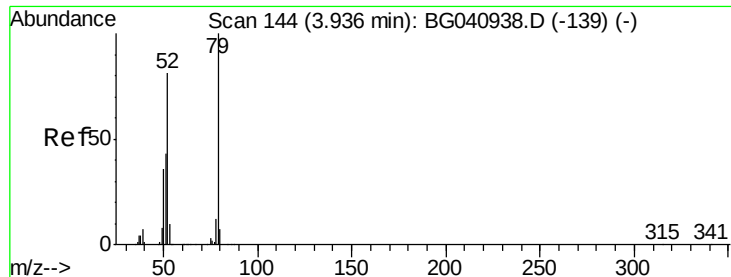


#2

1,4-Dioxane  
Concen: 40.381 ng  
RT: 3.49 min Scan# 69  
Delta R.T. -0.01 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 78.4  | 61.2  | 91.8  |
| 43      | 37.6  | 29.4  | 44.2  |





#3

Pvridine

Concen: 37.501 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

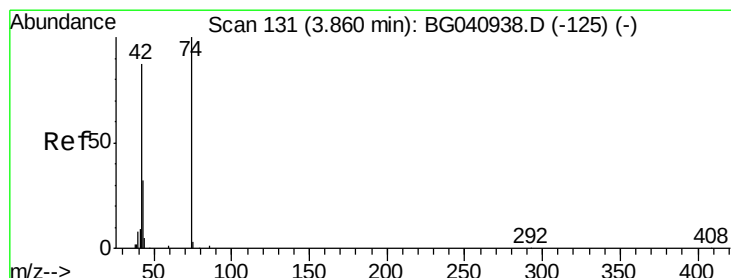
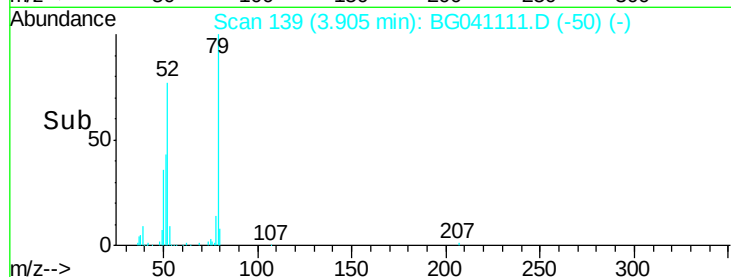
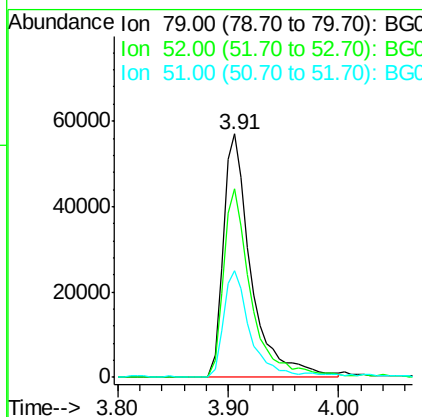
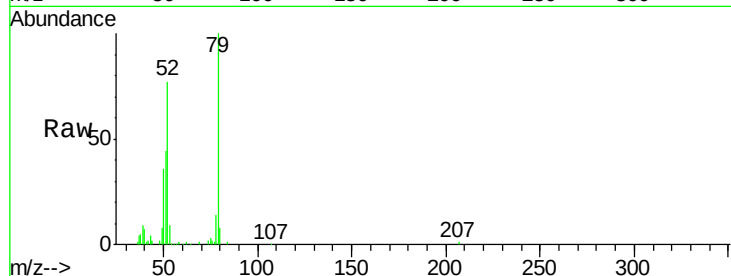
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 100467 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 77.3  | 61.8  | 92.6   |
| 51        | 43.8  | 36.0  | 54.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 45.653 ng

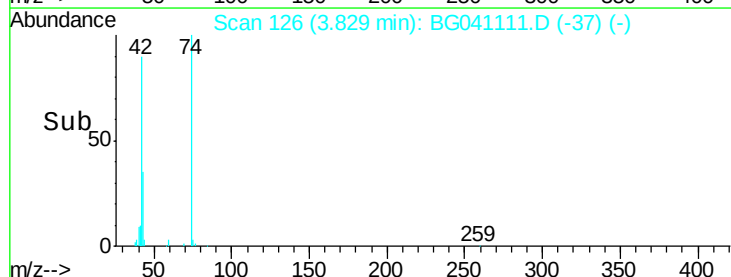
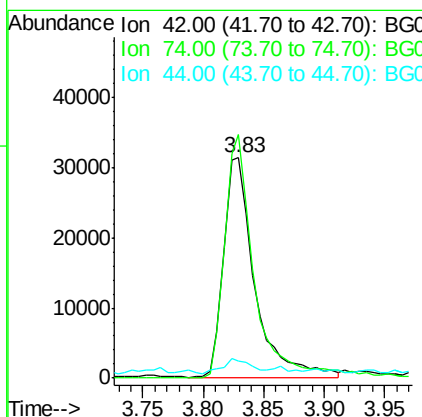
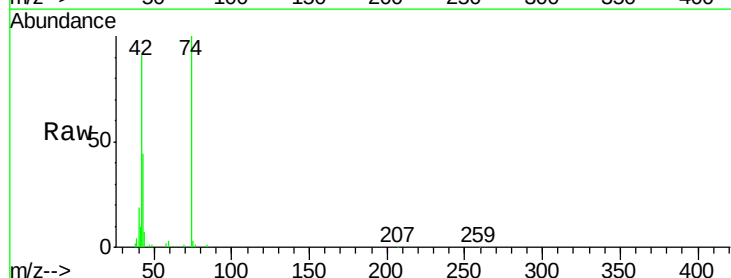
RT: 3.83 min Scan# 126

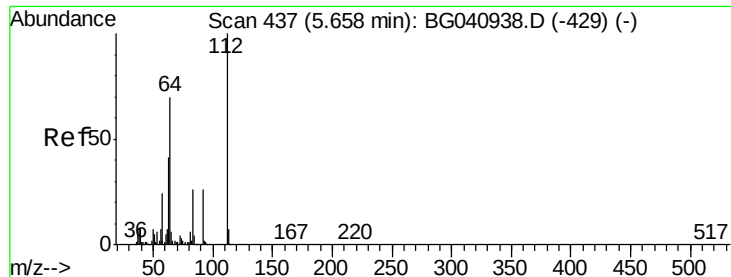
Delta R.T. -0.01 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 56763 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 110.4 | 83.0  | 124.6 |
| 44        | 7.6   | 6.0   | 9.0   |





#5

2-Fluorophenol

Concen: 142.693 ng

RT: 5.64 min Scan# 434

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

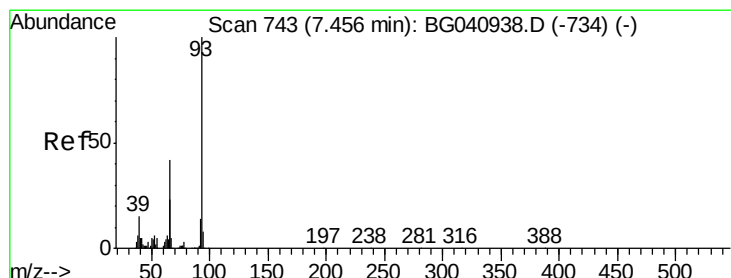
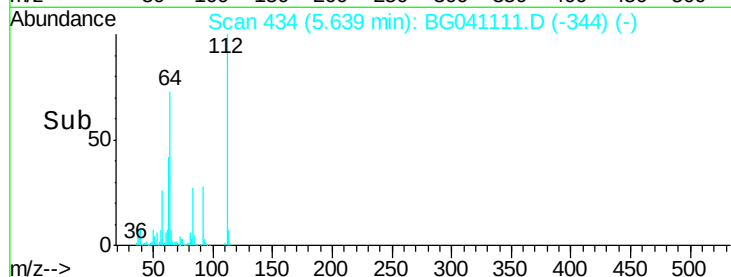
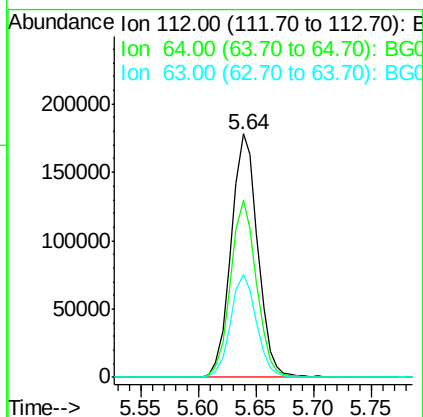
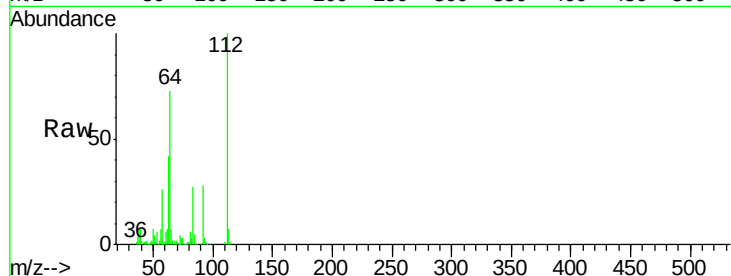
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 284703 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 72.5  | 54.5  | 81.7   |
| 63        | 42.3  | 32.2  | 48.2   |

Manual Integrations  
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#6

Aniline

Concen: 32.302 ng

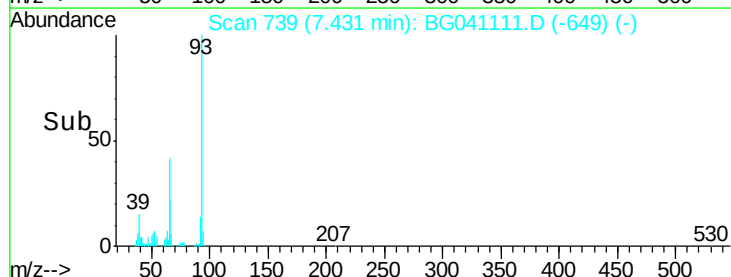
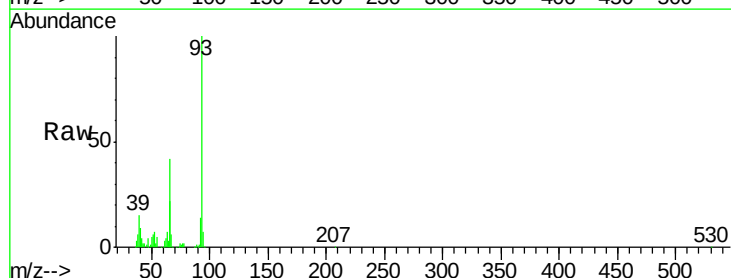
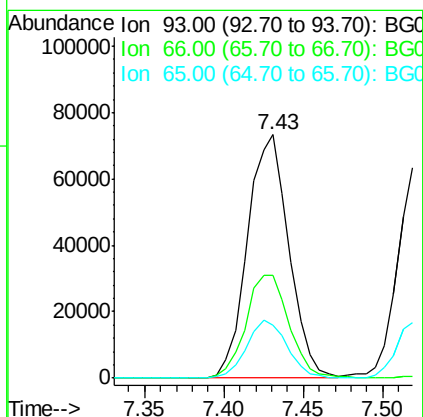
RT: 7.43 min Scan# 739

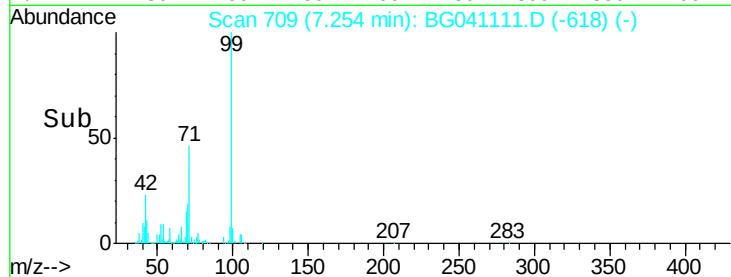
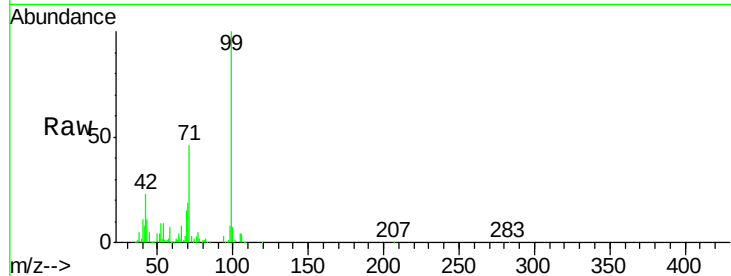
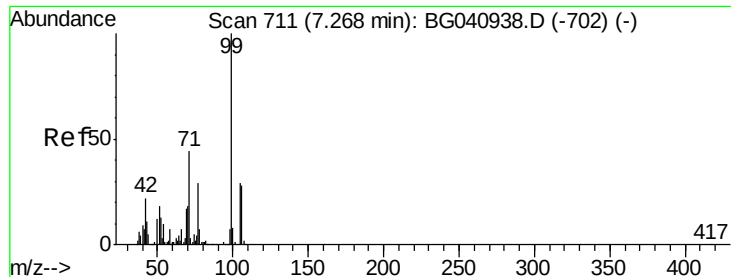
Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 132859 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.3  | 35.8  | 53.8   |
| 65        | 21.9  | 19.0  | 28.4   |





#7

Phenol-d6

Concen: 135.845 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 418595 |       |       |
| 42      | 23.2 | 18.8  | 28.2   |       |       |
| 71      | 46.2 | 35.6  | 53.4   |       |       |

Instrument :

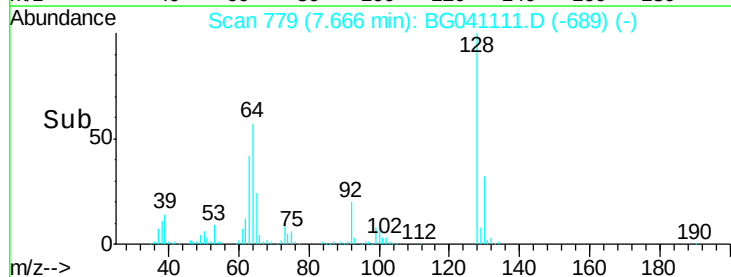
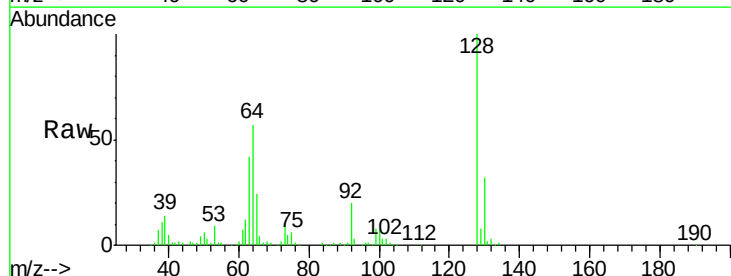
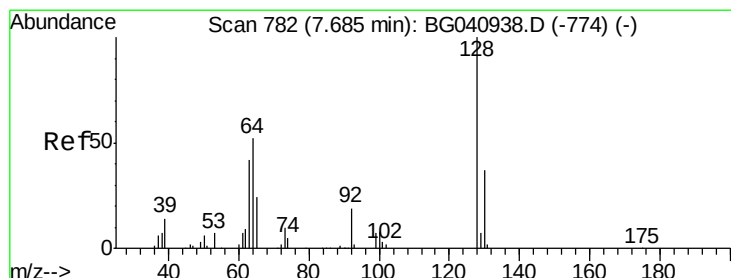
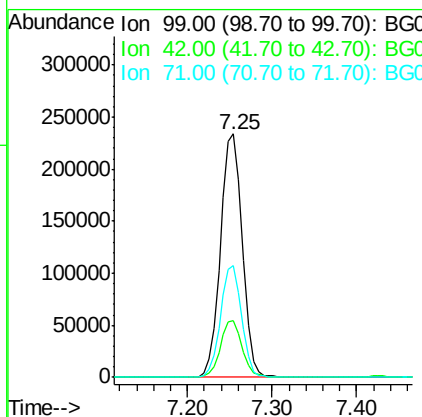
BNA\_G

ClientSampleId :

PB120405BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 49.749 ng

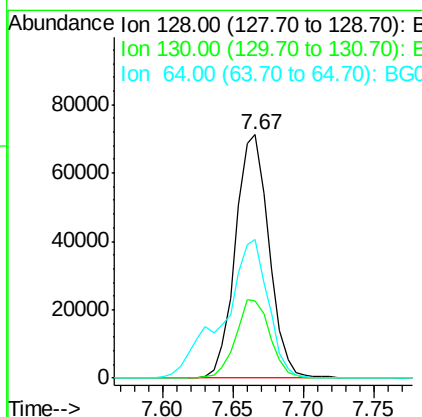
RT: 7.67 min Scan# 779

Delta R.T. -0.00 min

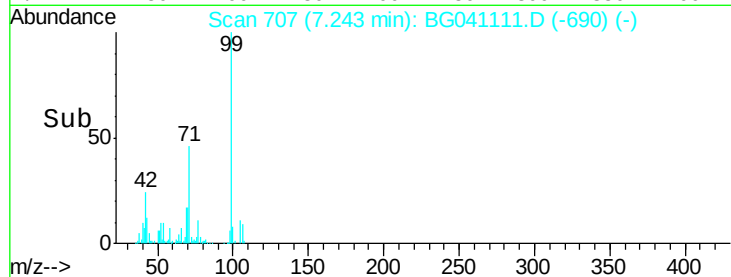
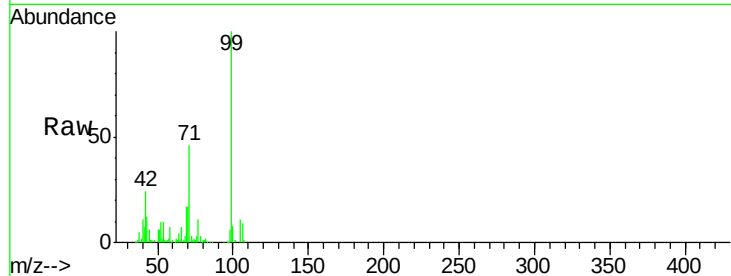
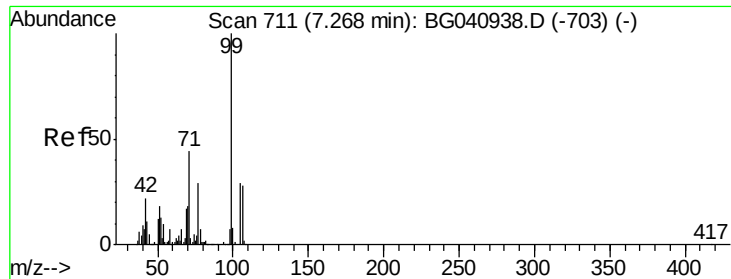
Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 118337 |       |       |
| 130     | 31.8 | 10.8  | 50.8   |       |       |
| 64      | 56.9 | 36.1  | 76.1   |       |       |







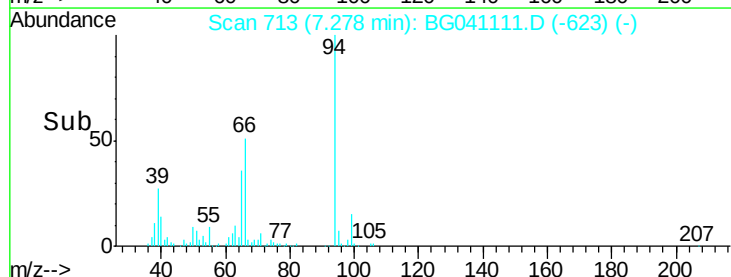
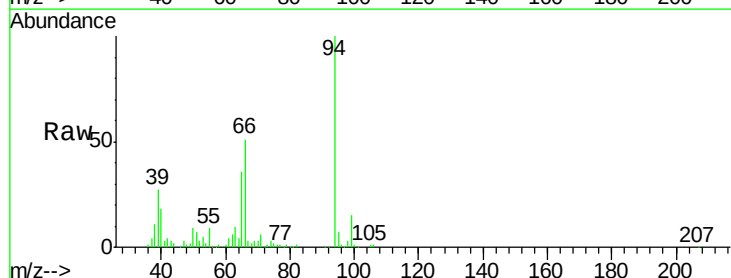
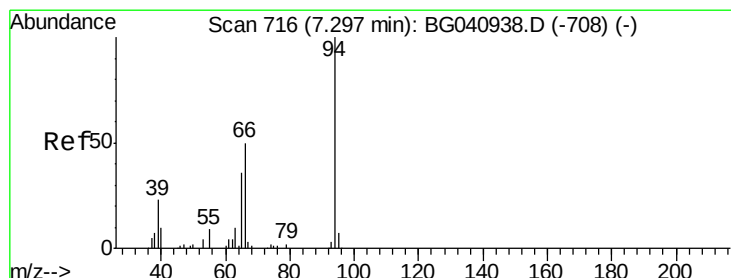
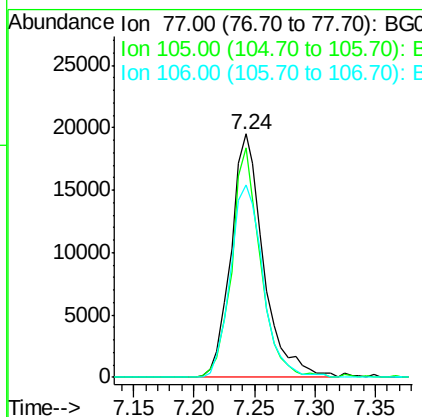
#9  
Benzaldehyde  
Concen: 19.893 ng  
RT: 7.24 min Scan# 707  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 36567 |       |       |
| 105     | 94.2  | 66.5  | 106.5 |       |
| 106     | 79.2  | 65.1  | 105.1 |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

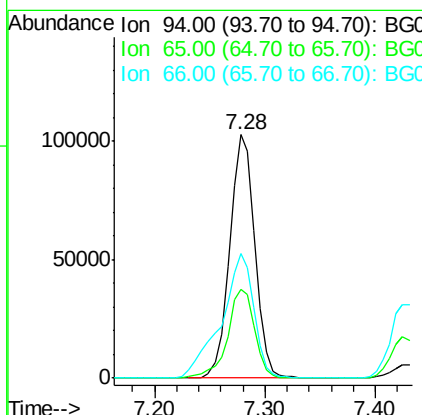
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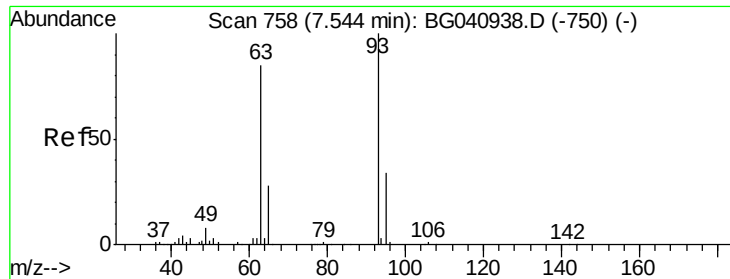


#10  
Phenol  
Concen: 49.544 ng  
RT: 7.28 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 94      | 100   | 163688 |       |       |
| 65      | 36.3  | 14.7   | 54.7  |       |
| 66      | 51.4  | 28.7   | 68.7  |       |







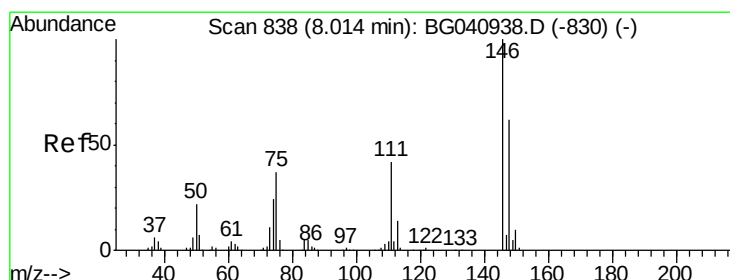
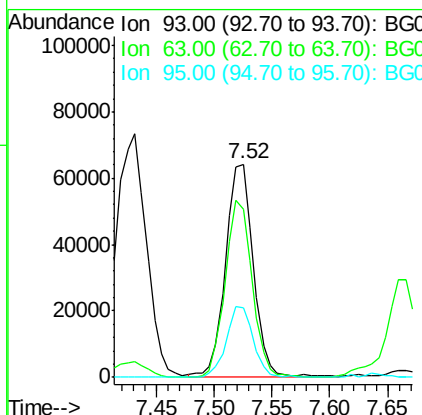
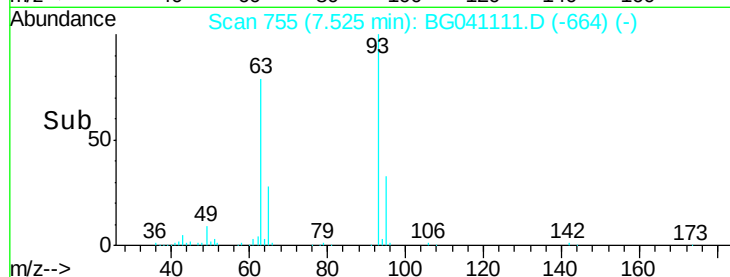
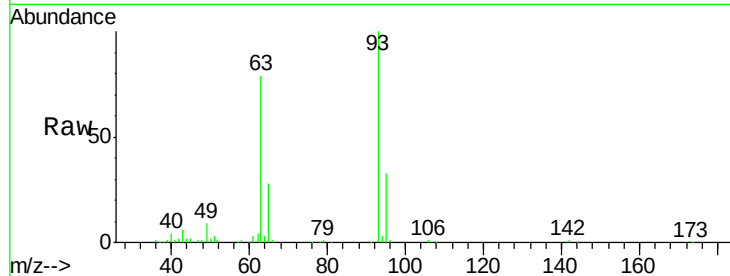
#11  
bis(2-Chloroethyl)ether  
Concen: 44.345 ng  
RT: 7.52 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 106287 |       |       |
| 63      | 79.1 | 65.0  | 105.0  |       |       |
| 95      | 32.6 | 16.4  | 56.4   |       |       |

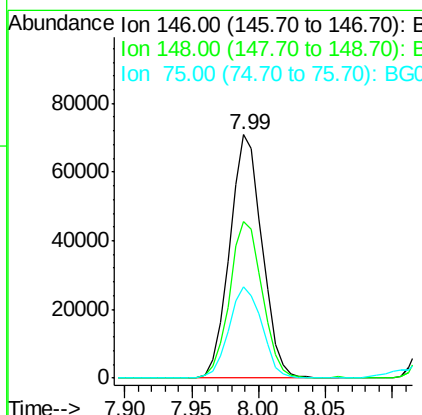
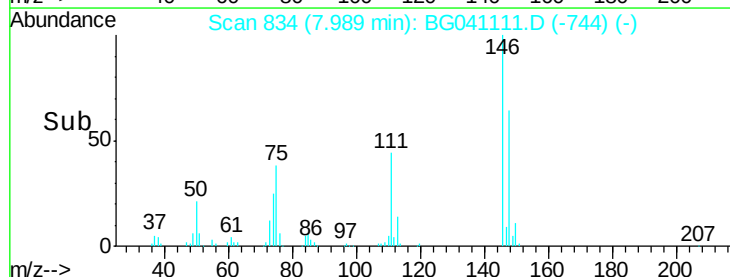
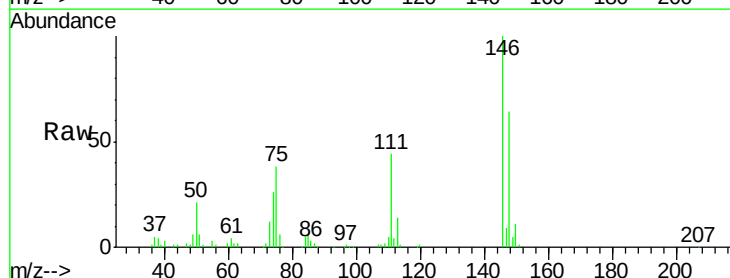
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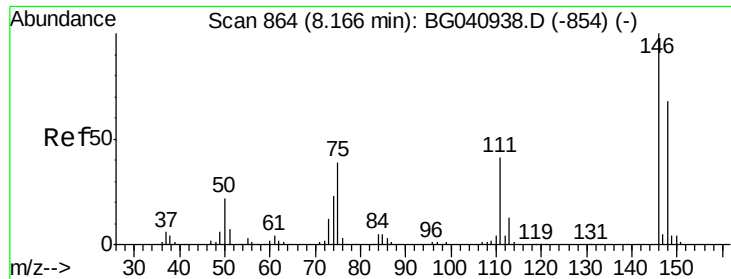
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 42.077 ng  
RT: 7.99 min Scan# 834  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 119541 |       |       |
| 148     | 64.3 | 47.7  | 71.5   |       |       |
| 75      | 37.5 | 28.3  | 42.5   |       |       |





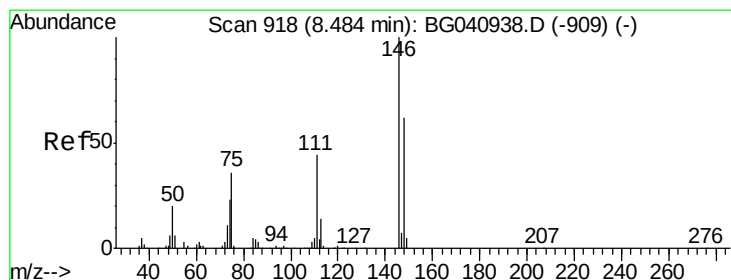
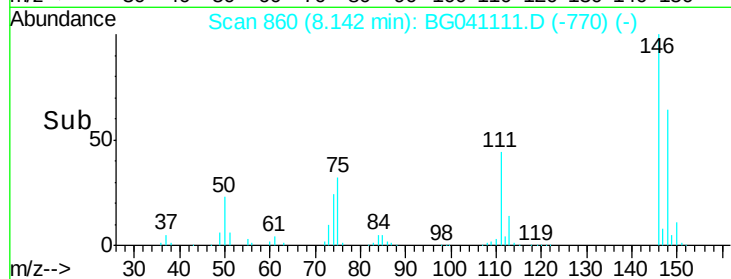
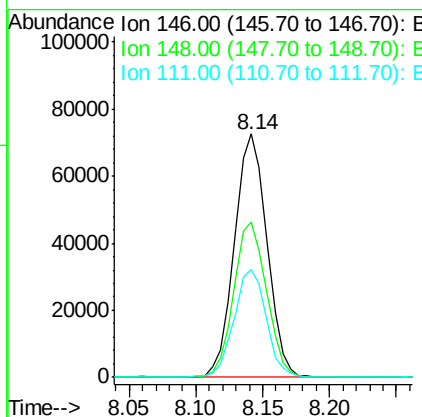
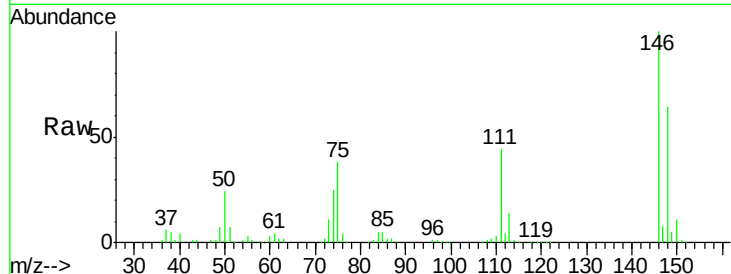
#13  
 1,4-Dichlorobenzene  
 Concen: 42.604 ng  
 RT: 8.14 min Scan# 860  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.4  | 77.2  |
| 111     | 44.2  | 33.9  | 50.9  |

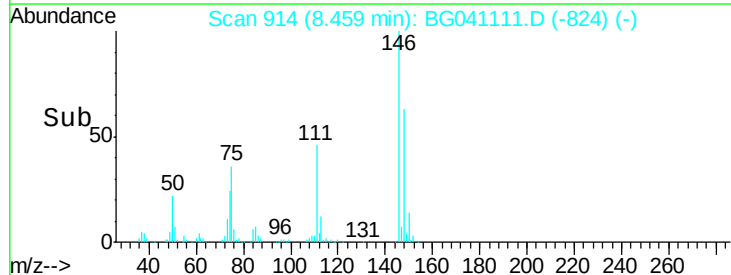
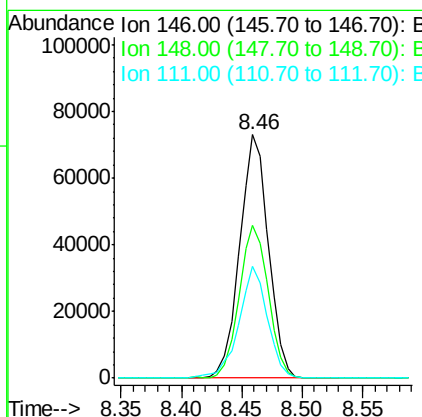
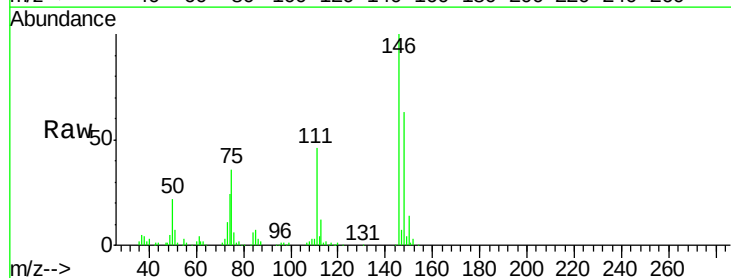
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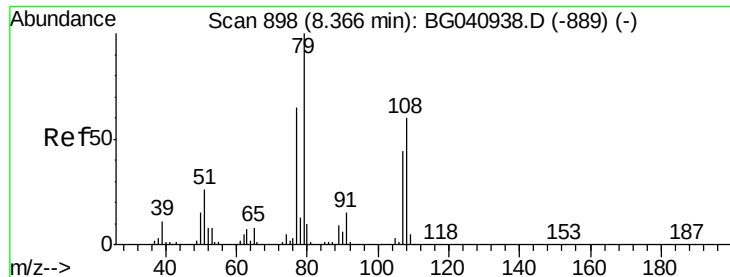
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 43.403 ng  
 RT: 8.46 min Scan# 914  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 49.0  | 73.6  |
| 111     | 46.0  | 36.5  | 54.7  |





#15

Benzyl Alcohol

Concen: 47.385 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

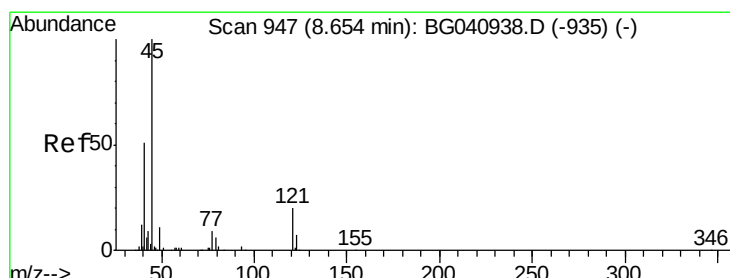
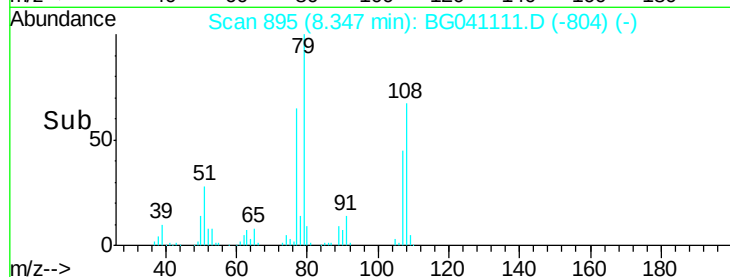
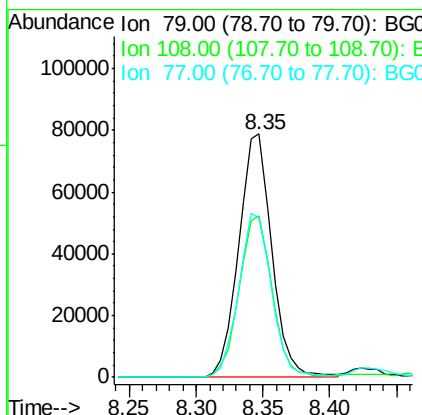
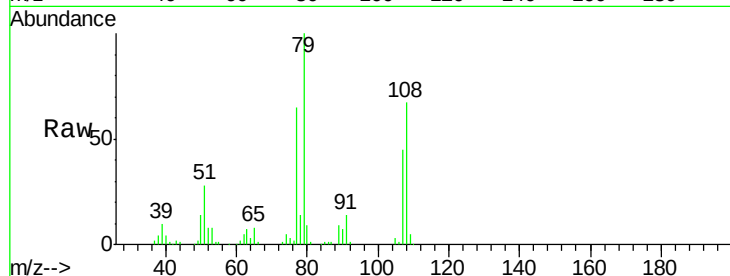
ClientSampled :

PB120405BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 135067 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 66.7  | 52.9  | 79.3   |
| 77       | 65.3  | 53.7  | 80.5   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.366 ng

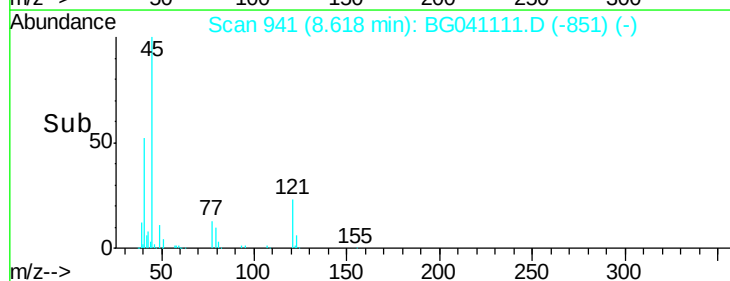
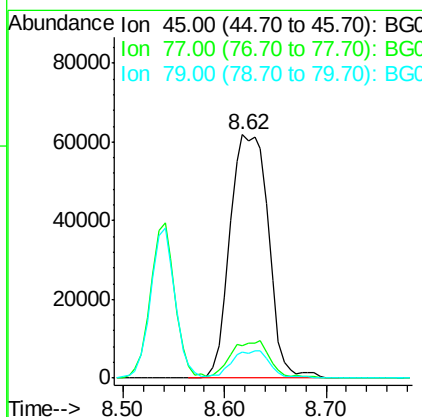
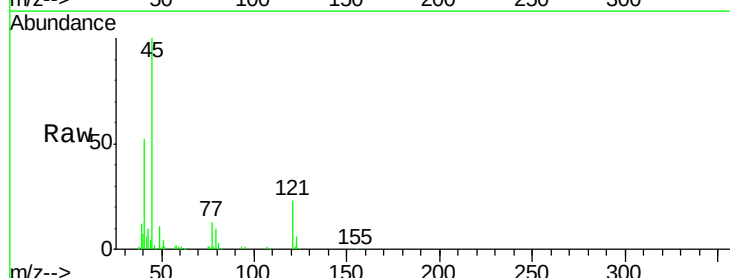
RT: 8.62 min Scan# 941

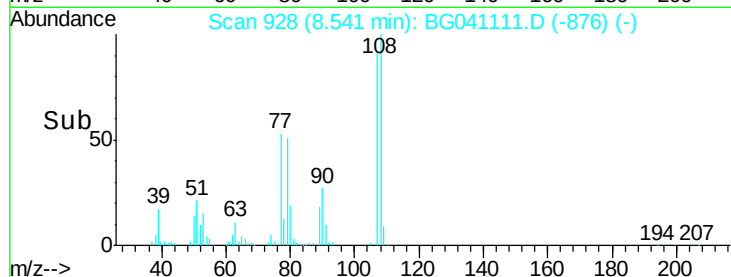
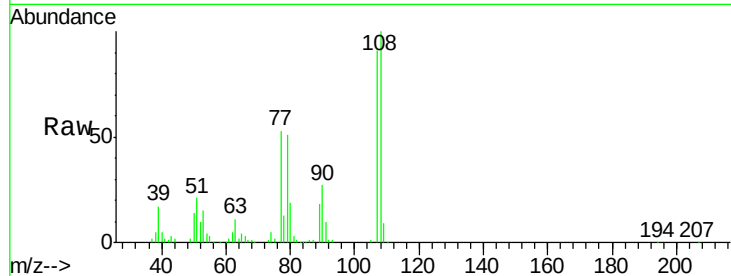
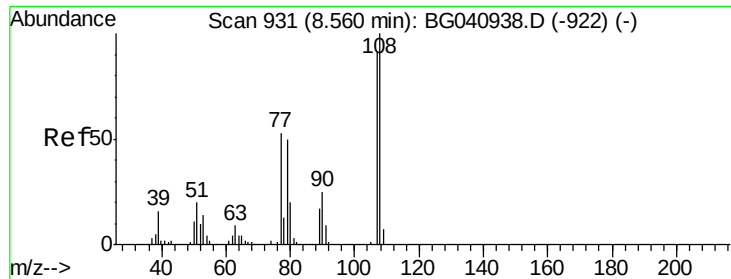
Delta R.T. -0.00 min

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   | 36.1   |
| 79       | 10.5  | 0.0   | 31.5   |





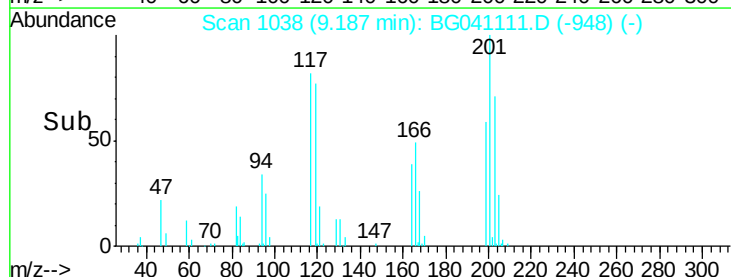
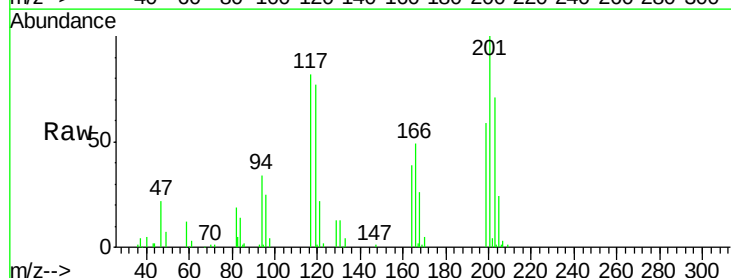
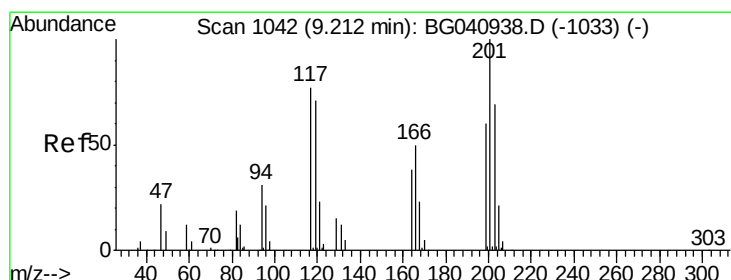
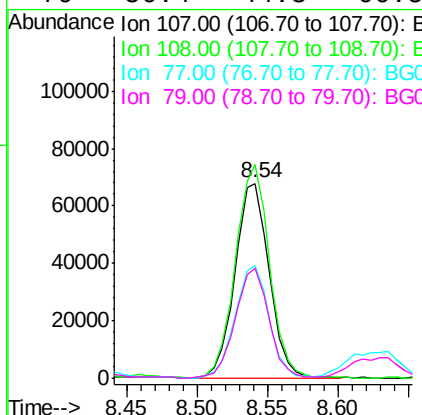
#17  
2-Methylphenol  
Concen: 47.980 ng  
RT: 8.54 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tot Ion   | 107   | Resp  | 114776 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 109.6 | 89.1  | 133.7  |
| 77        | 58.0  | 48.6  | 72.8   |
| 79        | 56.4  | 44.3  | 66.5   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

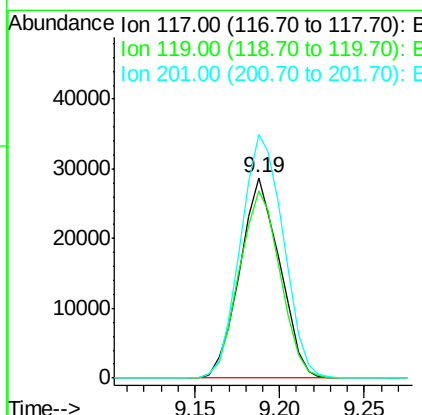
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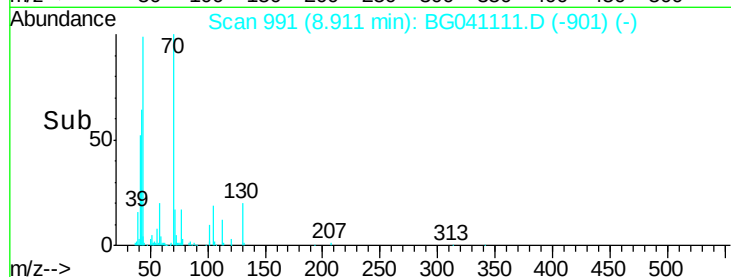
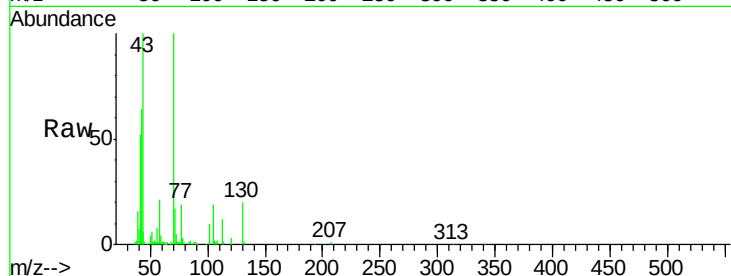
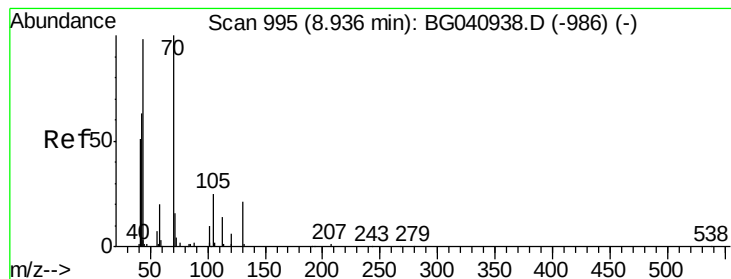
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#18  
Hexachloroethane  
Concen: 42.552 ng  
RT: 9.19 min Scan# 1038  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion   | 117   | Resp  | 47163 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 93.3  | 74.8  | 112.2 |
| 201       | 121.6 | 98.5  | 147.7 |





#19

n-Nitroso-di-n-propylamine

Concen: 42.492 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 64.1  | 53.1  | 79.7  |
| 101     | 10.0  | 8.0   | 12.0  |
| 130     | 20.3  | 16.6  | 24.8  |

Instrument :

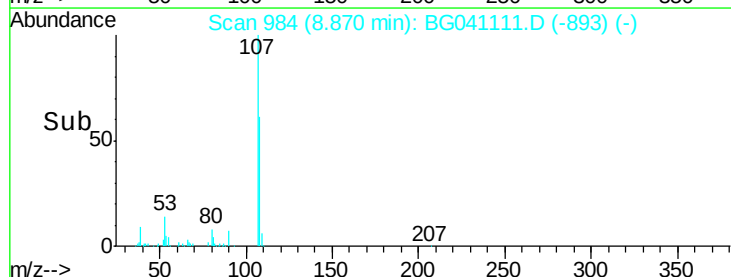
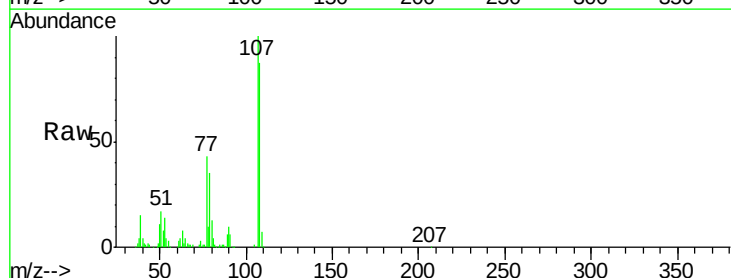
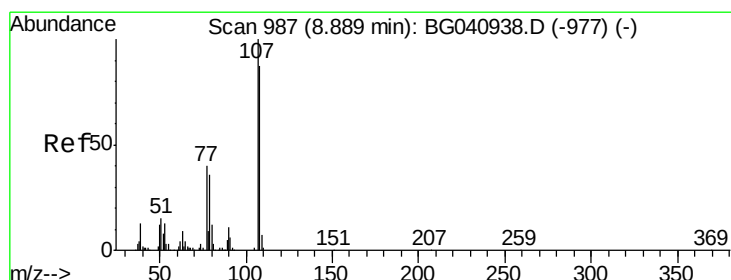
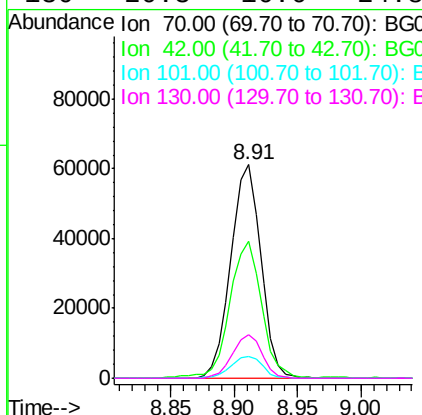
BNA\_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 47.969 ng

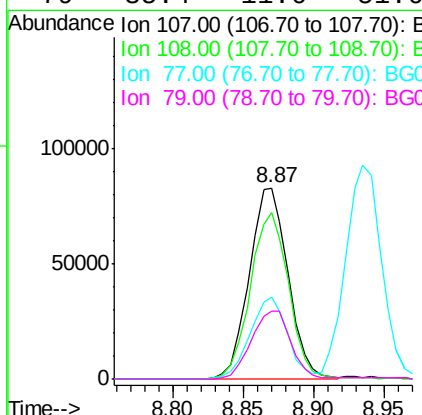
RT: 8.87 min Scan# 984

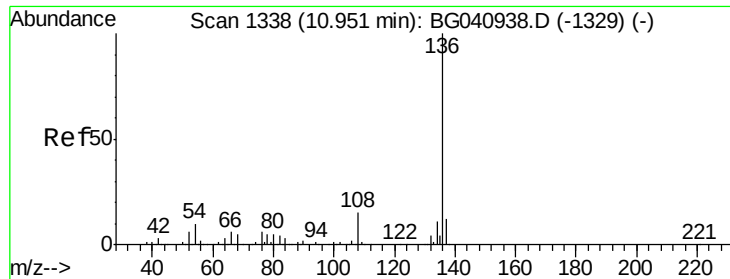
Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.2  | 63.2  | 103.2 |
| 77      | 42.5  | 18.9  | 58.9  |
| 79      | 35.4  | 11.6  | 51.6  |





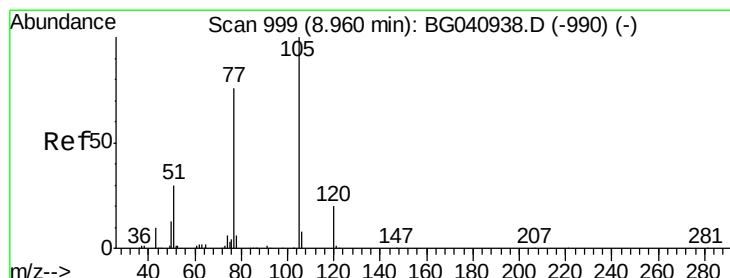
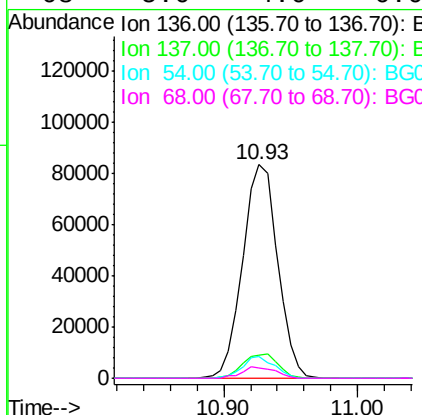
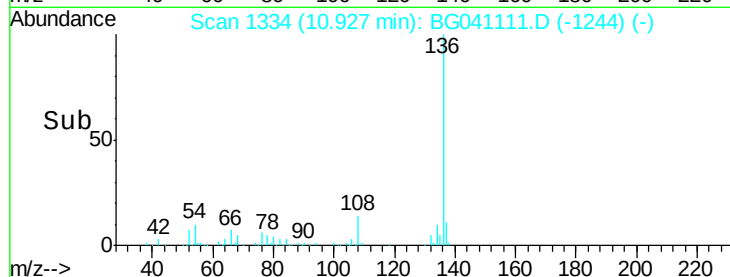
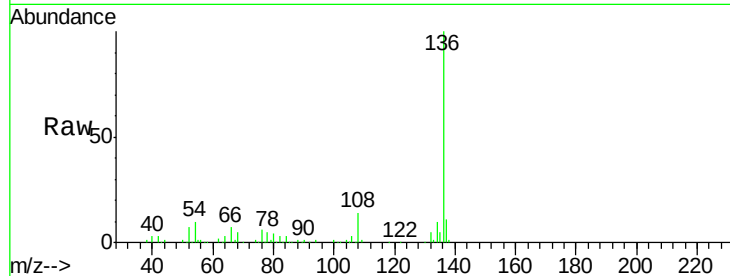
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 151343 |       |       |
| 137     | 10.7 |       | 8.9    | 13.3  |       |
| 54      | 10.0 |       | 7.4    | 11.2  |       |
| 68      | 5.0  |       | 4.0    | 6.0   |       |

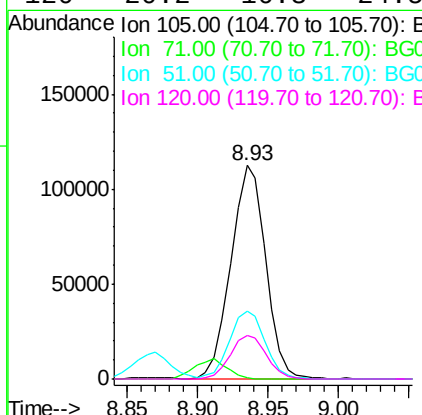
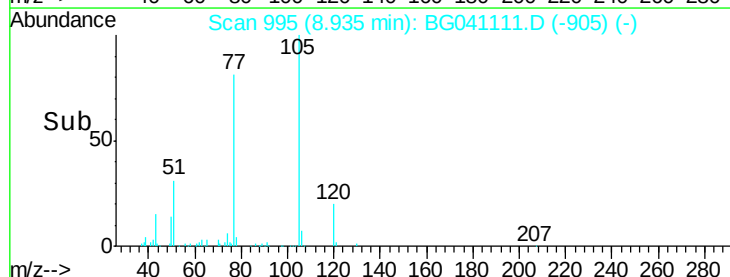
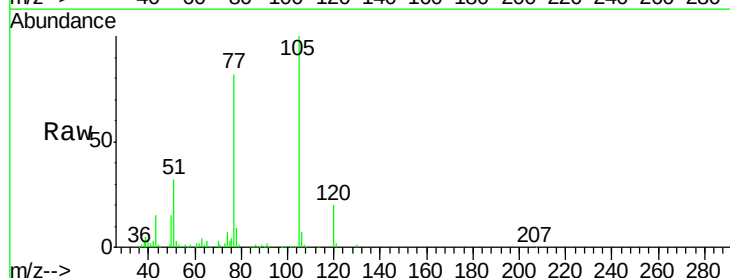
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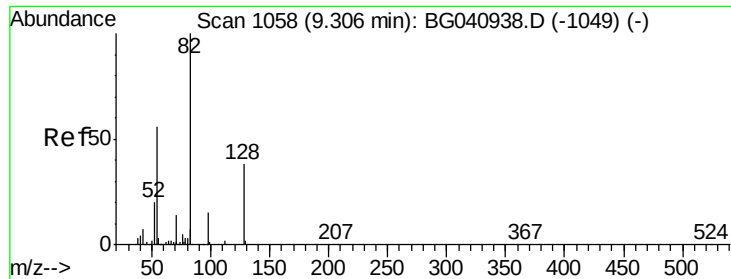
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#22  
Acetophenone  
Concen: 45.520 ng  
RT: 8.93 min Scan# 995  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 193250 |       |       |
| 71      | 0.8  |       | 0.6    | 0.8   |       |
| 51      | 31.8 |       | 24.2   | 36.2  |       |
| 120     | 20.2 |       | 16.3   | 24.5  |       |





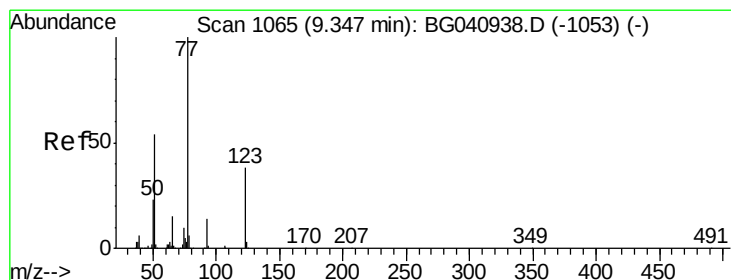
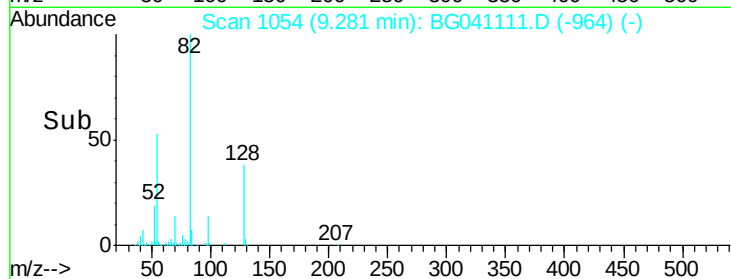
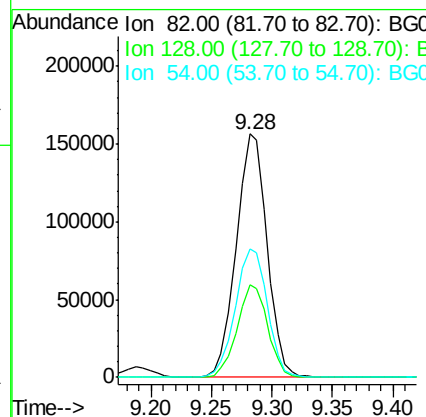
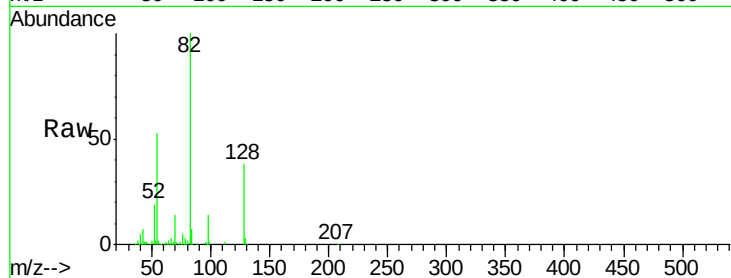
#23  
 Nitrobenzene-d5  
 Concen: 81.666 ng  
 RT: 9.28 min Scan# 1054  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.0  | 29.8  | 44.6  |
| 54      | 52.8  | 43.6  | 65.4  |

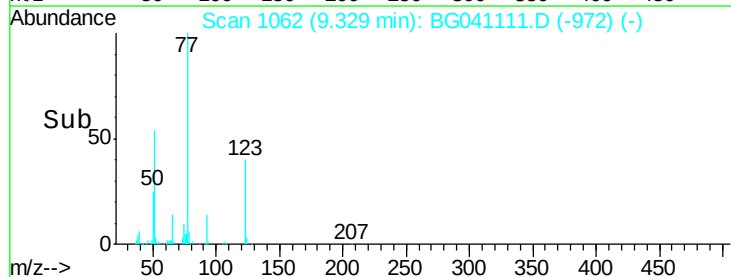
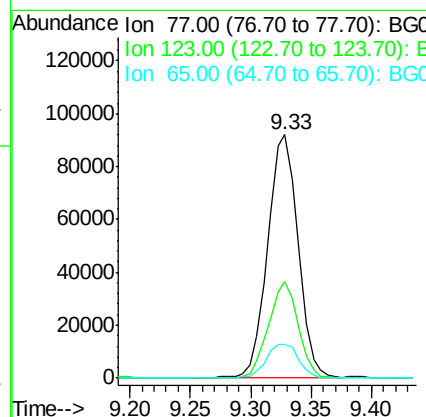
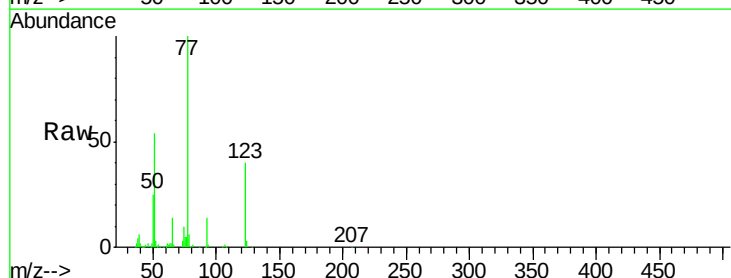
Manual Integrations  
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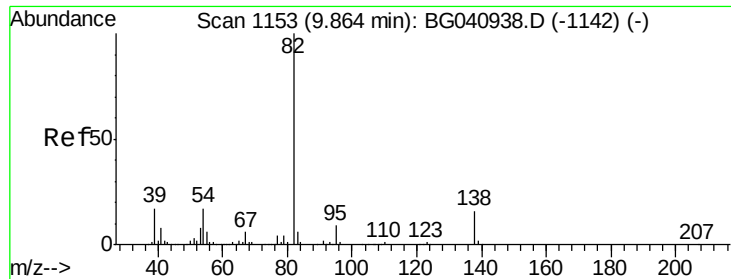


#24  
 Nitrobenzene  
 Concen: 46.024 ng  
 RT: 9.33 min Scan# 1062  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.7  | 30.9  | 46.3  |
| 65      | 14.1  | 13.3  | 19.9  |







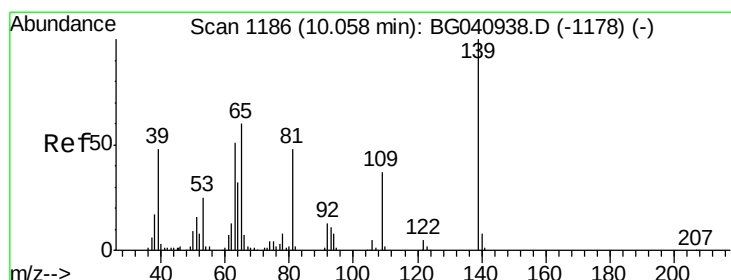
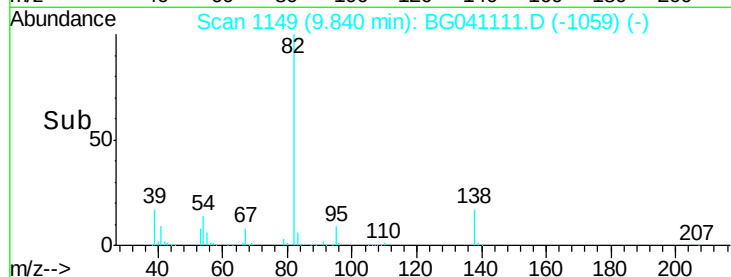
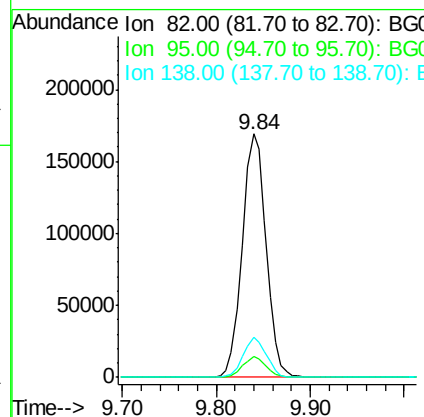
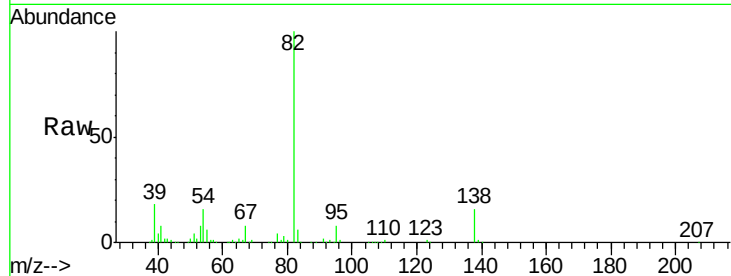
#25  
Isophorone  
Concen: 45.854 ng  
RT: 9.84 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 297491 |       |       |
| 95      | 8.5   | 6.2    | 9.4   |       |
| 138     | 16.4  | 12.6   | 19.0  |       |

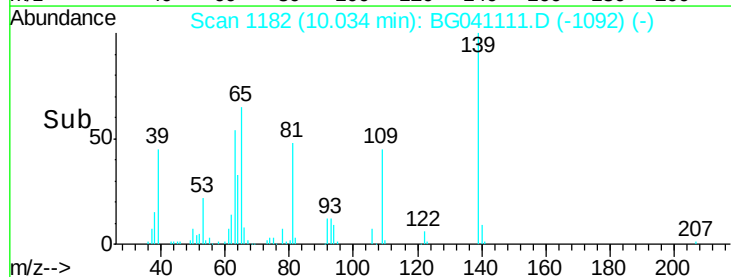
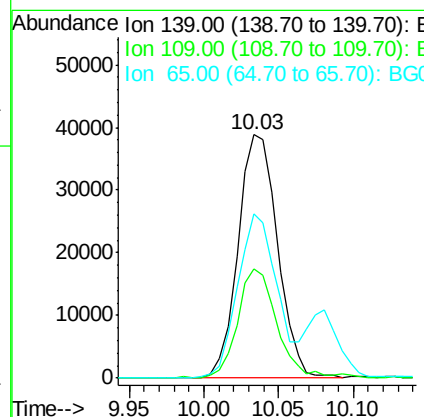
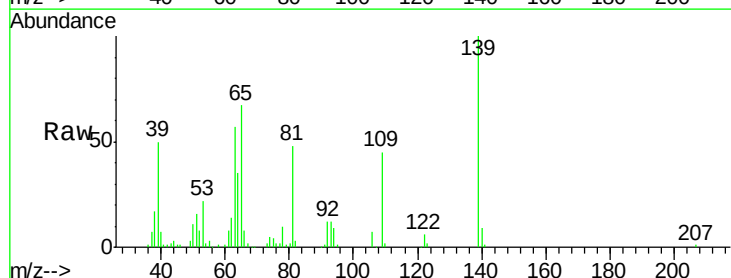
Manual Integrations  
APPROVED

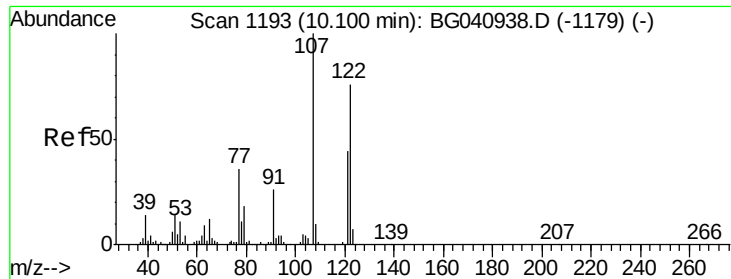
mohammad  
6/11/2019 8:54:28 AM



#26  
2-Nitrophenol  
Concen: 49.704 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 71188 |       |       |
| 109     | 44.7  | 30.8  | 46.2  |       |
| 65      | 67.5  | 52.5  | 78.7  |       |





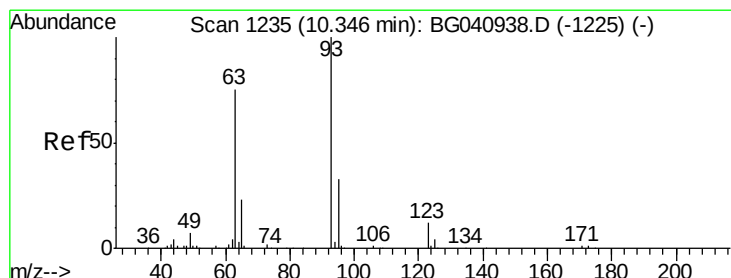
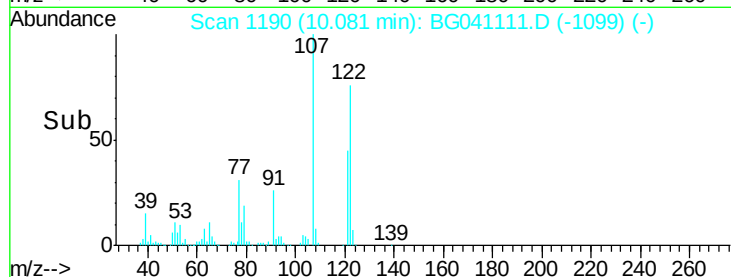
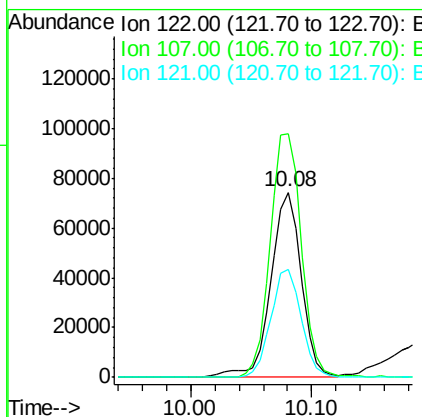
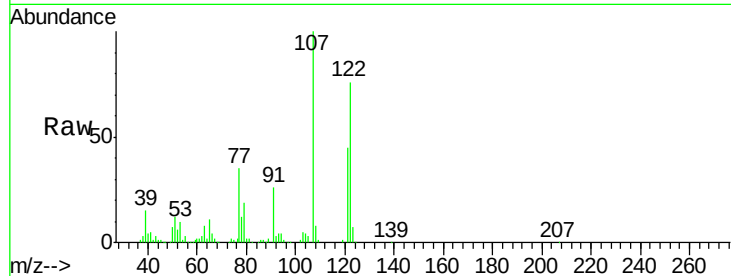
#27  
 2,4-Dimethylphenol  
 Concen: 54.791 ng  
 RT: 10.08 min Scan# 1190  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 131.7 | 111.1 | 166.7 |
| 121     | 58.7  | 45.6  | 68.4  |

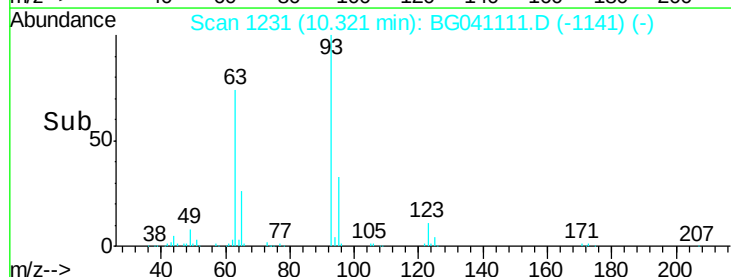
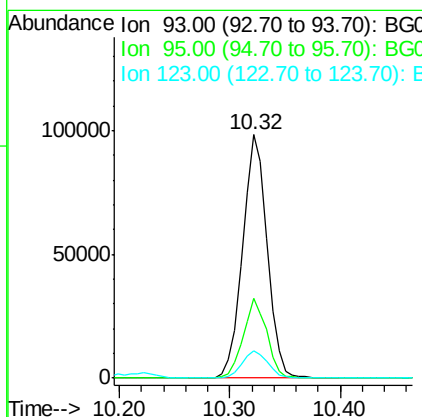
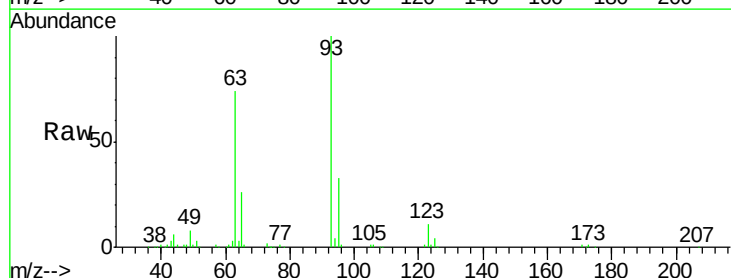
Manual Integrations  
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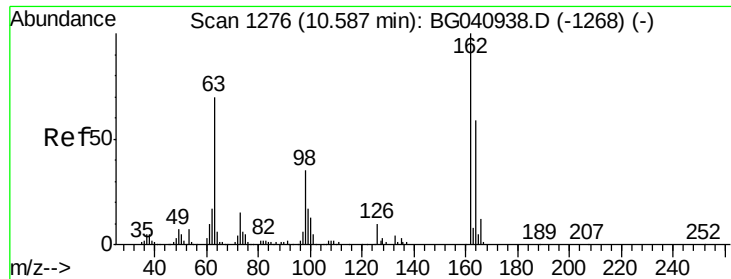
mohammad  
 6/11/2019 8:54:28 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.904 ng  
 RT: 10.32 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.7  | 38.5  |
| 123     | 11.1  | 9.1   | 13.7  |





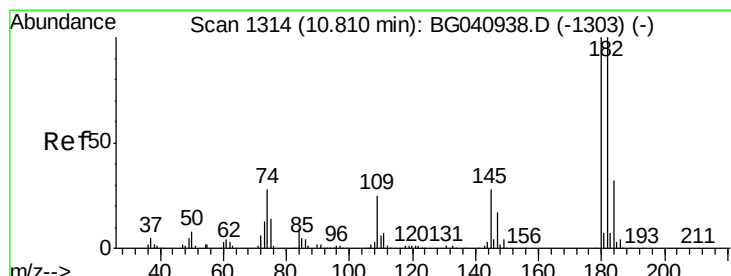
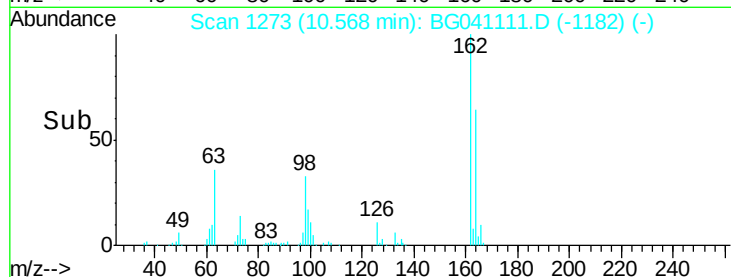
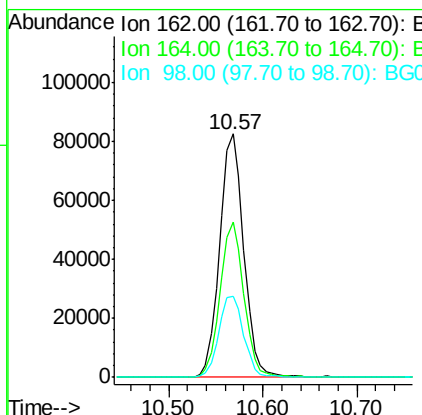
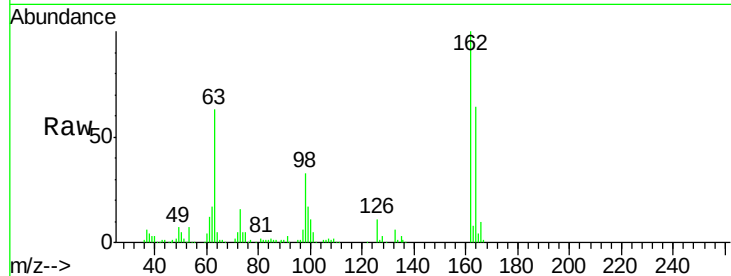
#29  
 2,4-Dichlorophenol  
 Concen: 49.112 ng  
 RT: 10.57 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB120405BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 147521 |       |       |
| 164     | 63.5  | 41.4   | 81.4  |       |
| 98      | 33.3  | 14.8   | 54.8  |       |

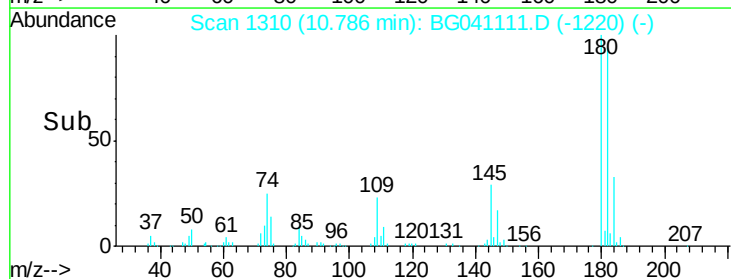
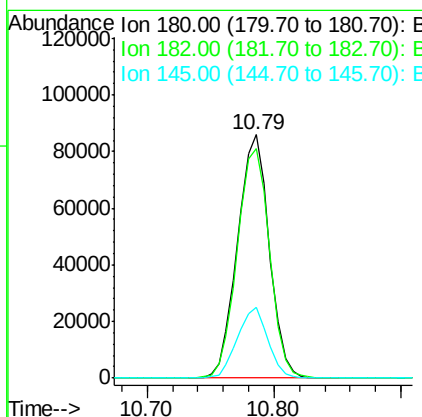
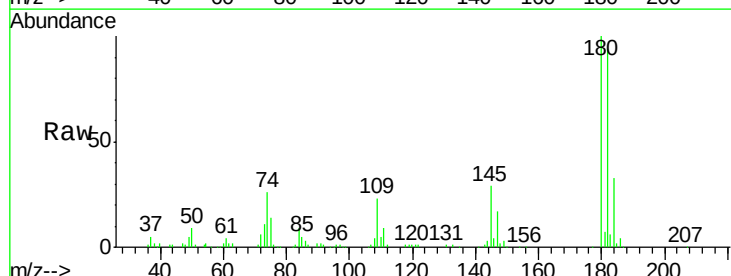
Manual Integrations  
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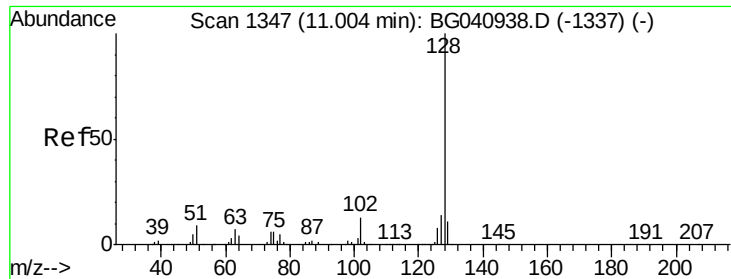
mohammad  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.614 ng  
 RT: 10.79 min Scan# 1310  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 149032 |       |       |
| 182     | 94.2  | 76.5   | 114.7 |       |
| 145     | 29.3  | 21.3   | 31.9  |       |





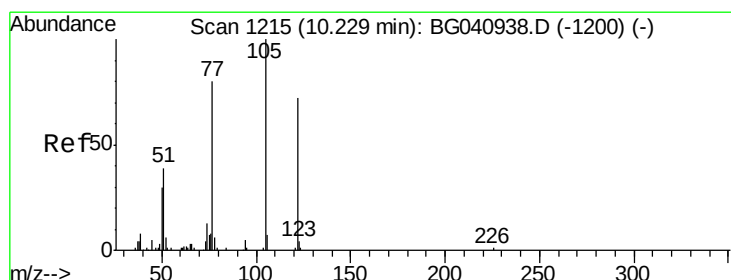
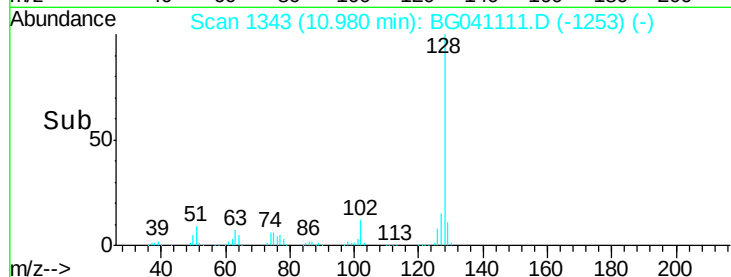
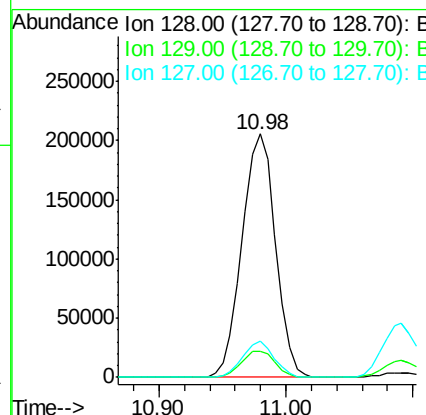
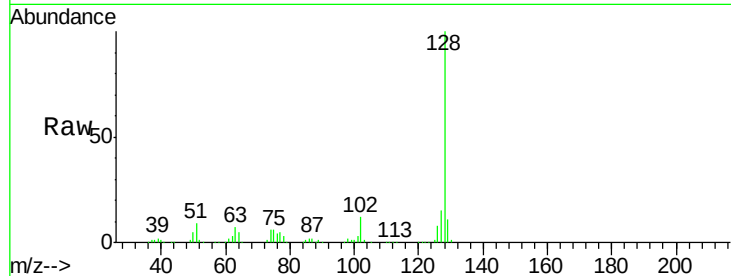
#31  
Naphthalene  
Concen: 46.315 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 9.0   | 13.6  |
| 127     | 14.7  | 11.4  | 17.0  |

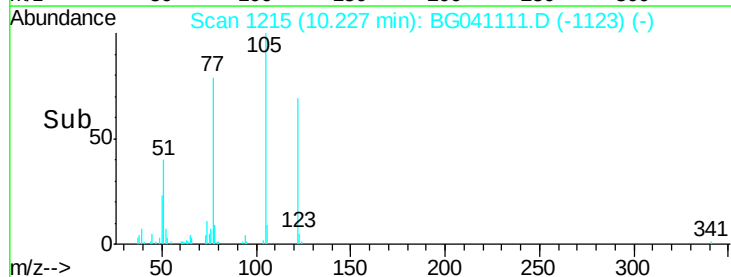
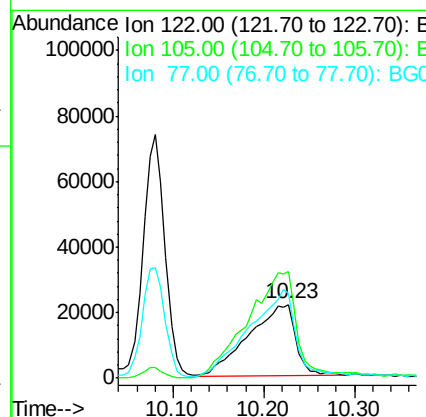
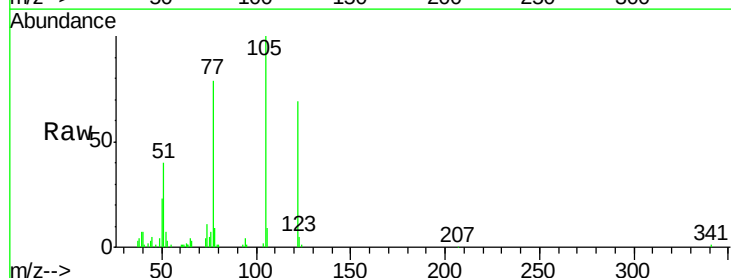
Manual Integrations  
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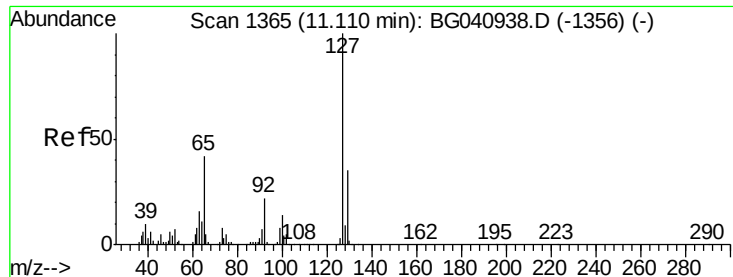
mohammad  
6/11/2019 8:54:28 AM



#32  
Benzoic acid  
Concen: 44.541 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. 0.01 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 145.4 | 134.0 | 174.0 |
| 77      | 114.8 | 91.5  | 131.5 |





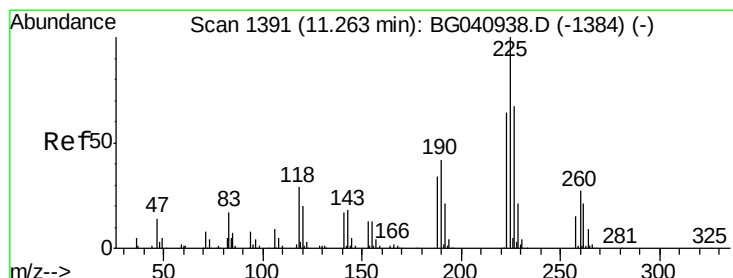
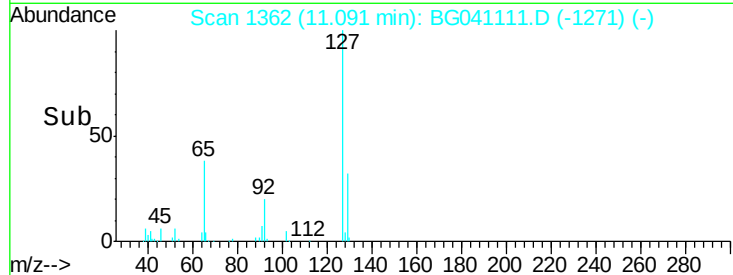
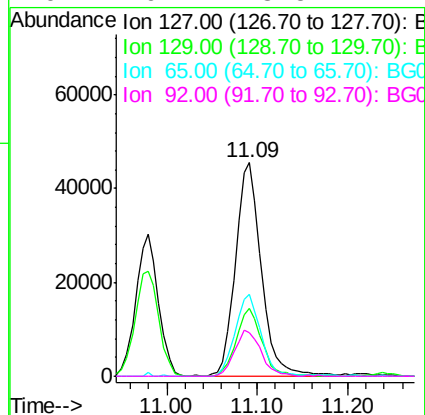
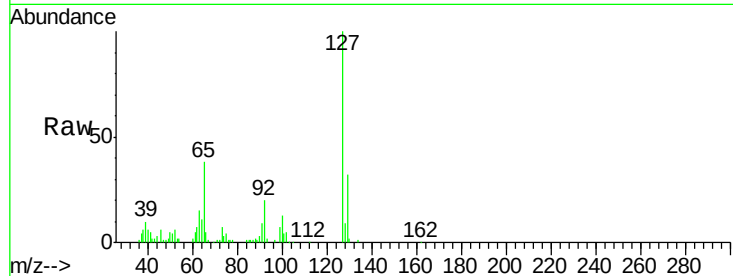
#33  
4-Chloroaniline  
Concen: 24.055 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.9 | 25.0  | 37.4 |       |       |
| 65      | 38.3 | 30.2  | 45.4 |       |       |
| 92      | 20.2 | 18.5  | 27.7 |       |       |

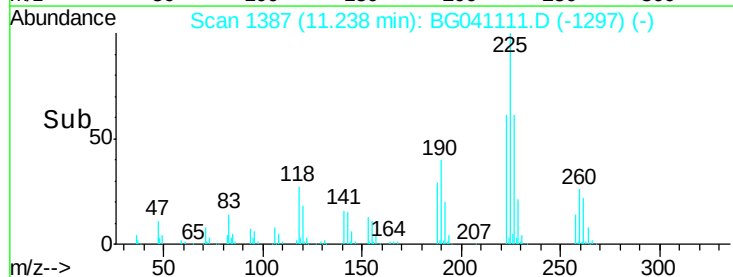
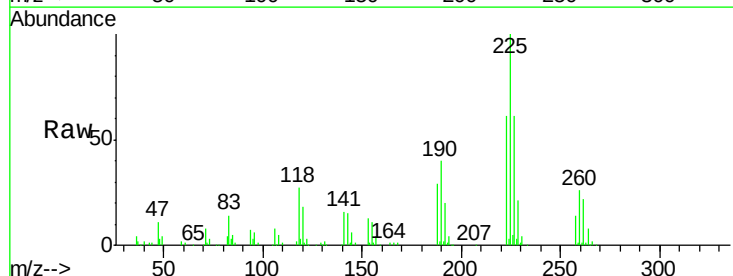
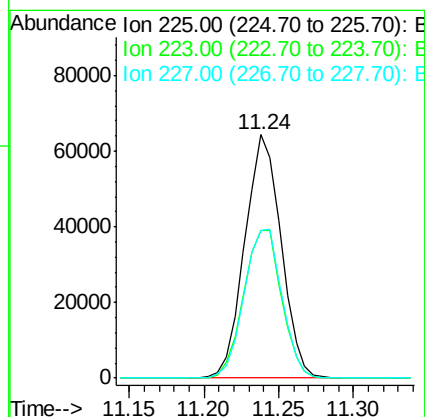
Manual Integrations  
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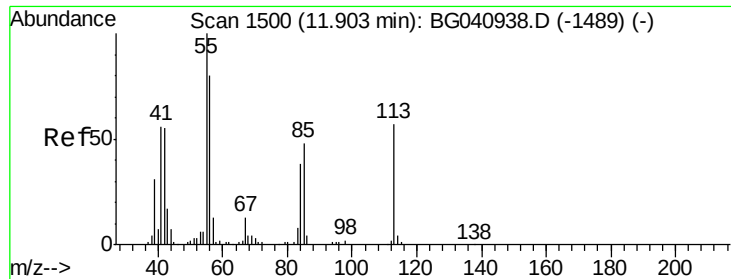
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 41.448 ng  
RT: 11.24 min Scan# 1387  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 60.7 | 49.1  | 73.7 |       |       |
| 227     | 60.8 | 52.0  | 78.0 |       |       |





#35

Caprolactam

Concen: 49.011 ng/ml

RT: 11.88 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

Tot Ion:113 Resp: 48615

Ion Ratio Lower Upper

113 100

55 177.1 174.4 214.4

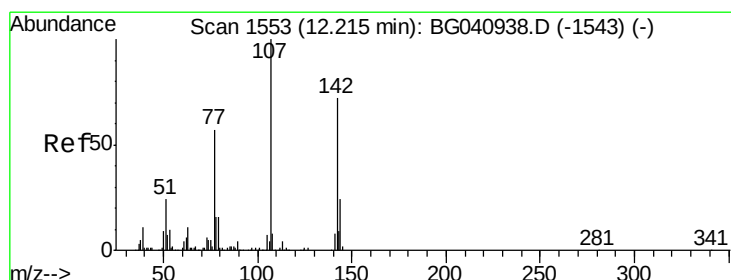
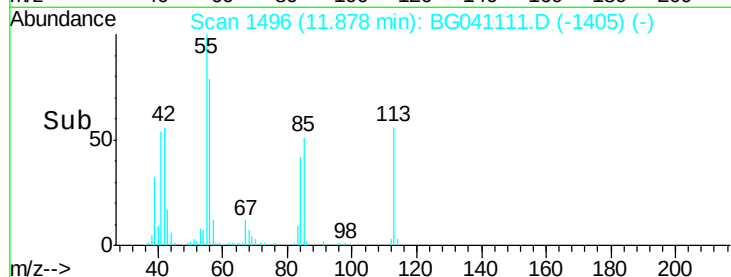
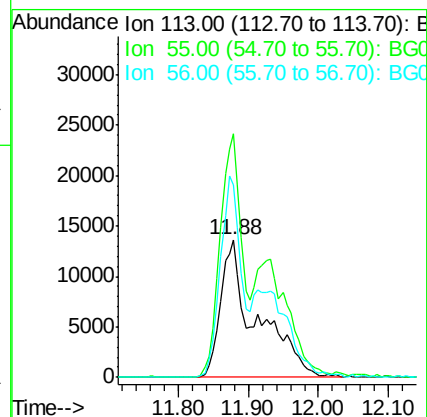
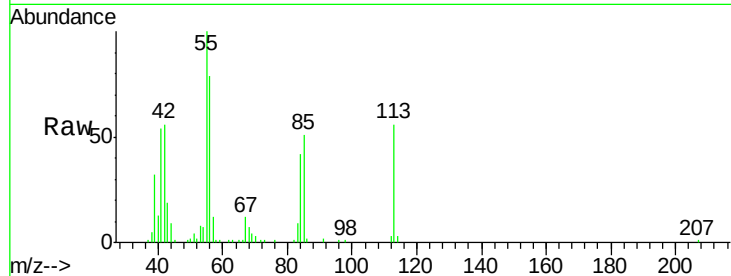
56 140.0 127.9 167.9

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 49.669 ng/ml

RT: 12.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

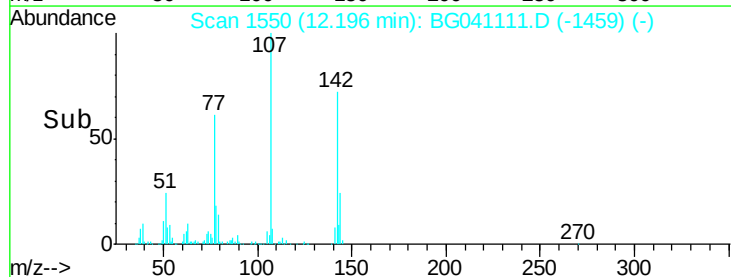
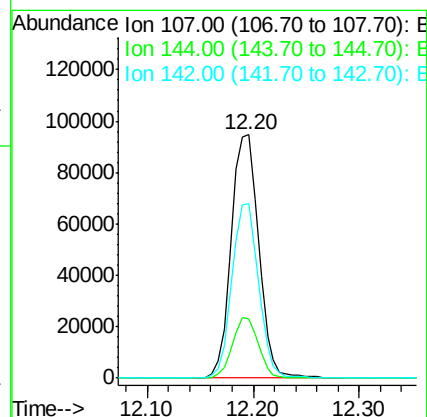
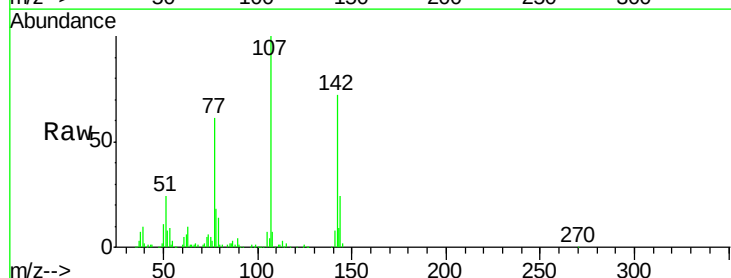
Tgt Ion:107 Resp: 170391

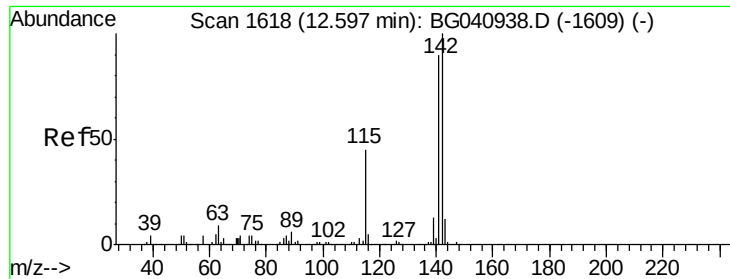
Ion Ratio Lower Upper

107 100

144 24.3 18.5 27.7

142 71.8 54.6 81.8





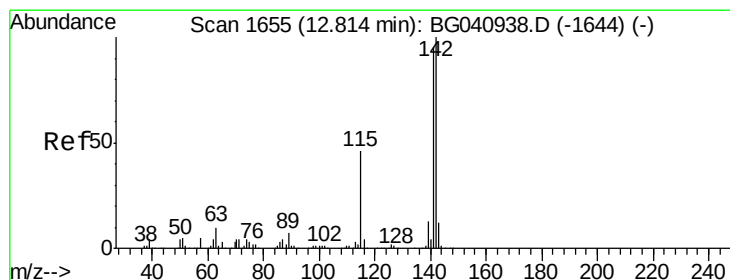
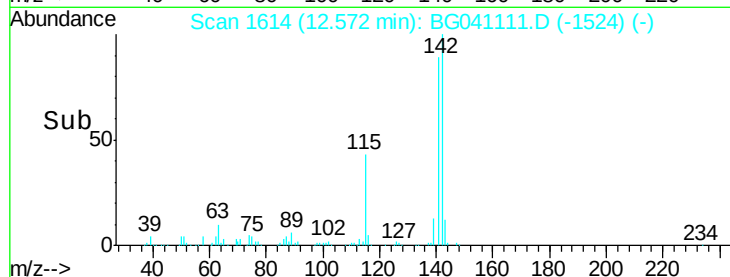
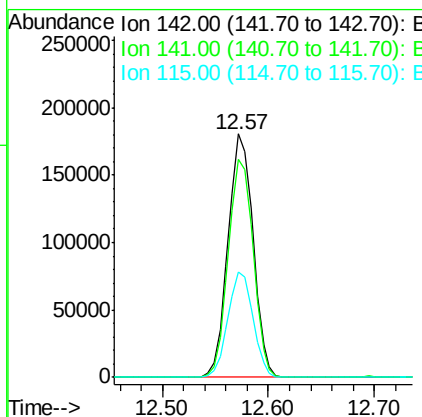
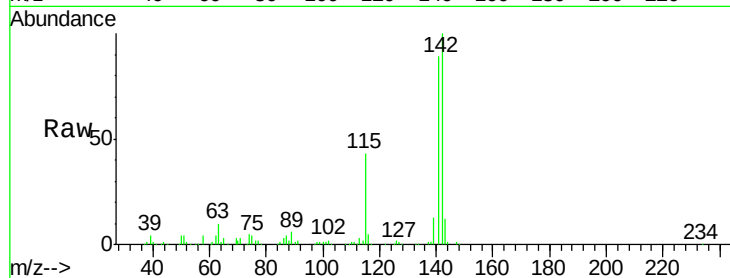
#37  
2-Methylnaphthalene  
Concen: 47.271 ng  
RT: 12.57 min Scan# 1614  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.4  | 71.5  | 107.3 |
| 115     | 43.2  | 35.1  | 52.7  |

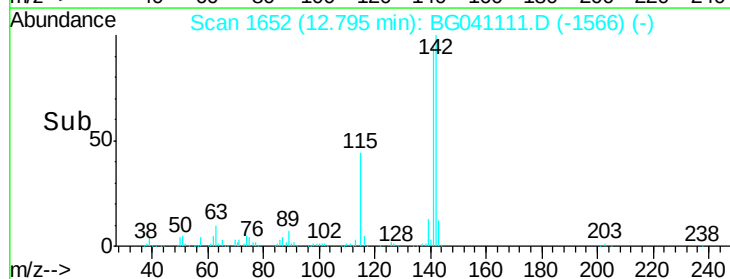
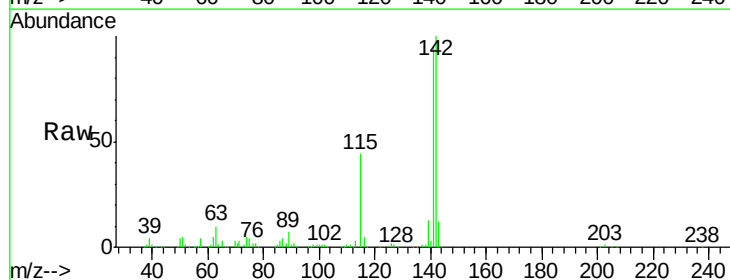
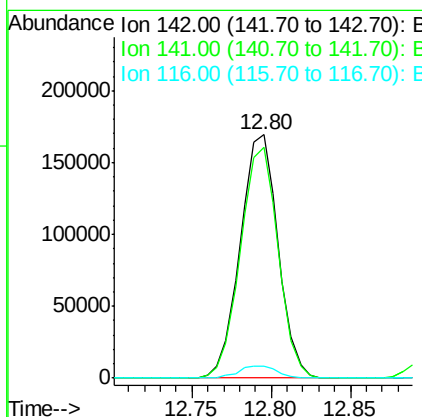
Manual Integrations  
APPROVED

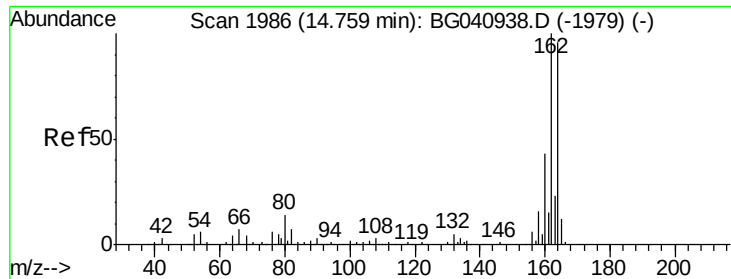
mohammad  
6/11/2019 8:54:28 AM



#38  
1-Methylnaphthalene  
Concen: 47.533 ng  
RT: 12.80 min Scan# 1652  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.8  | 75.4  | 113.0 |
| 116     | 5.0   | 3.8   | 5.8   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

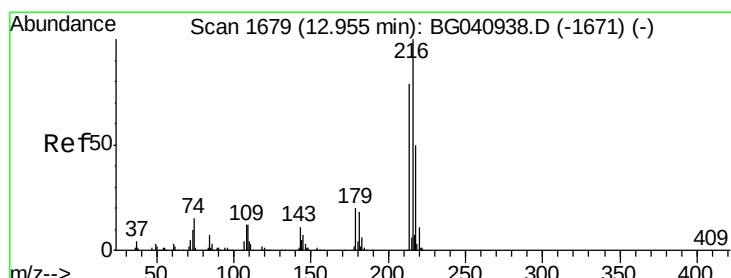
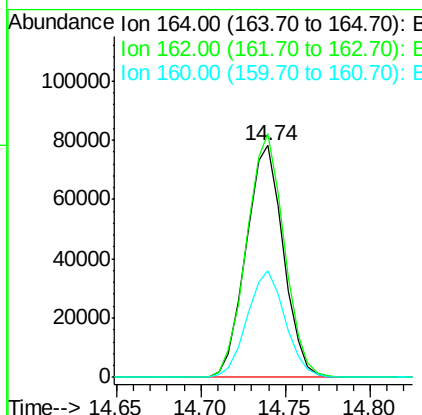
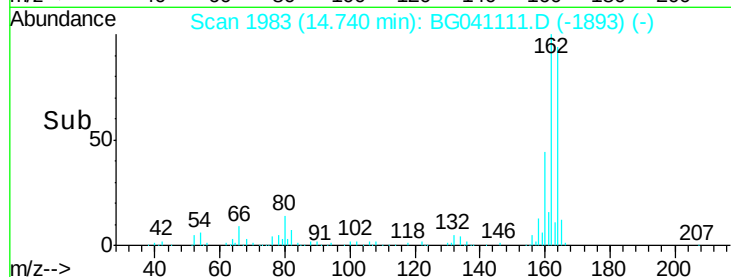
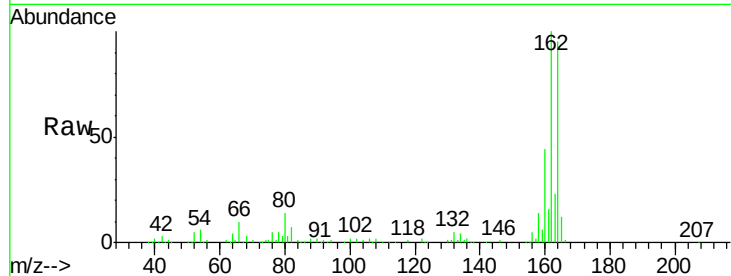
ClientSampled :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 120332 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 105.2 | 85.4  | 128.0  |
| 160       | 46.0  | 37.1  | 55.7   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.351 ng

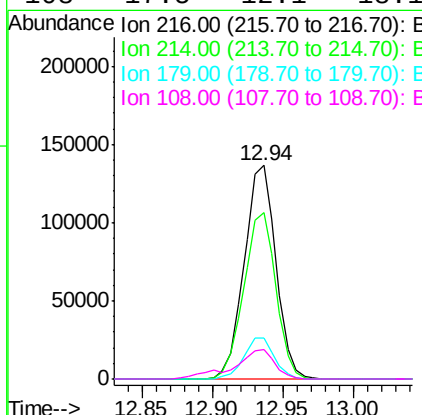
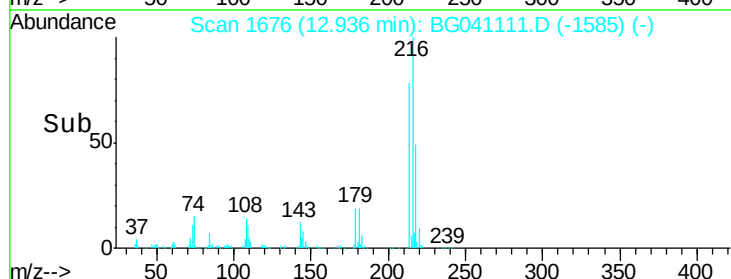
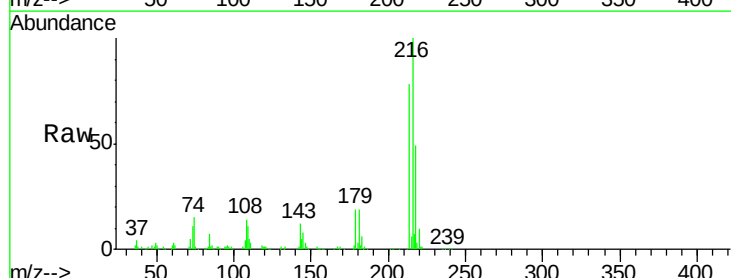
RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

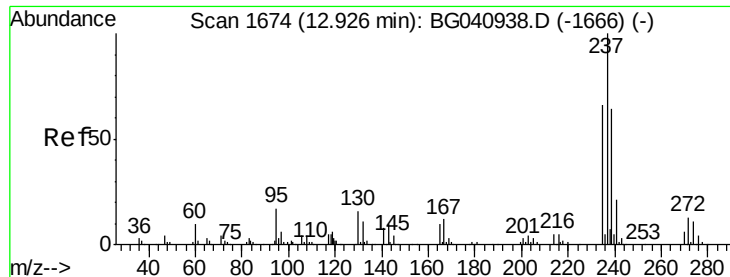
Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 215104 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.9  | 63.0  | 94.6   |
| 179       | 18.7  | 15.4  | 23.2   |
| 108       | 17.5  | 12.1  | 18.1   |







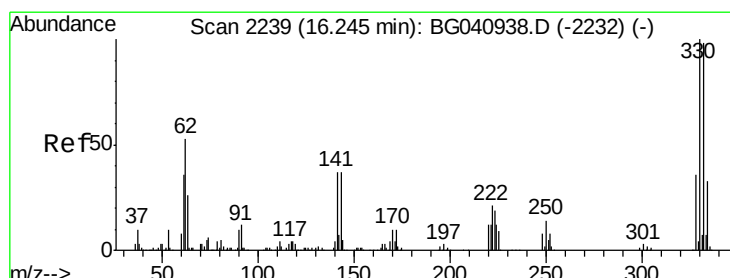
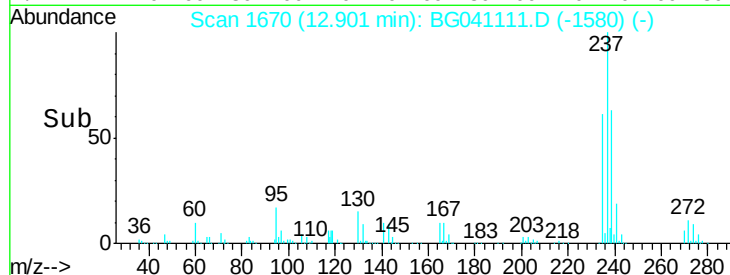
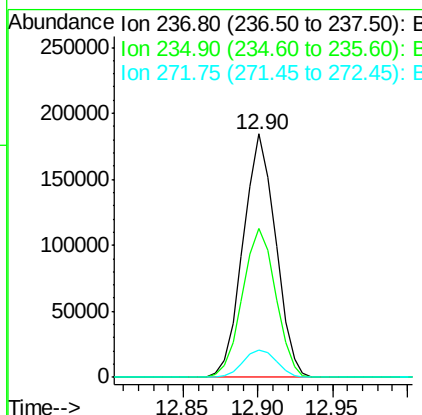
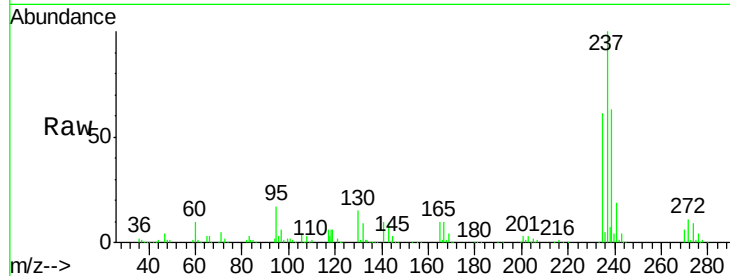
#41  
Hexachlorocyclopentadiene  
Concen: 104.130 ng  
RT: 12.90 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.4  | 40.5       | 80.5  |
| 272     | 11.3  | 0.0        | 31.4  |

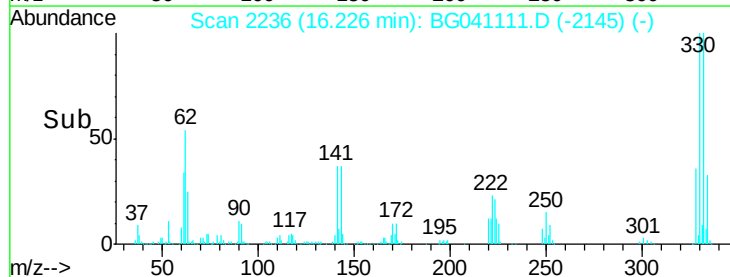
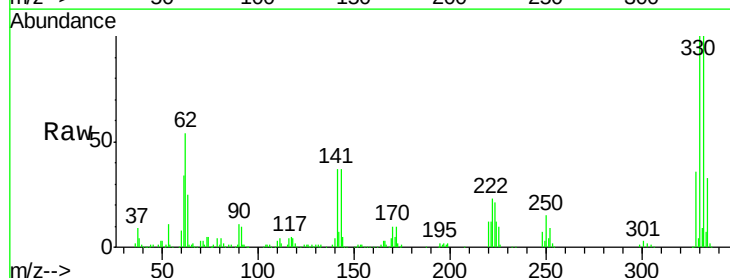
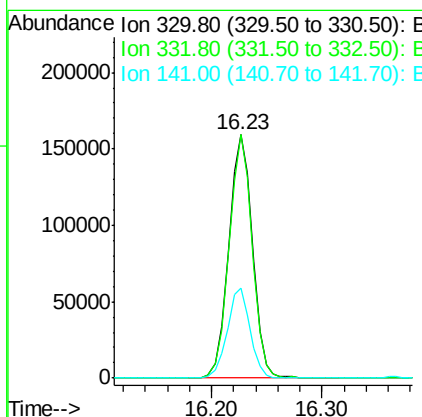
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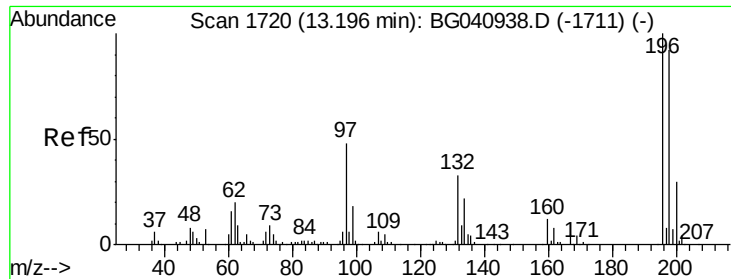
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 133.944 ng  
RT: 16.23 min Scan# 2236  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.8  | 77.9       | 116.9 |
| 141     | 35.8  | 29.0       | 43.4  |





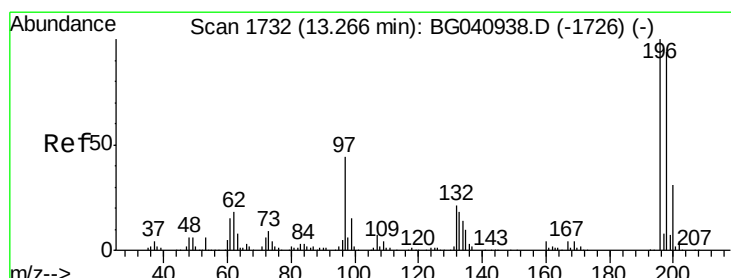
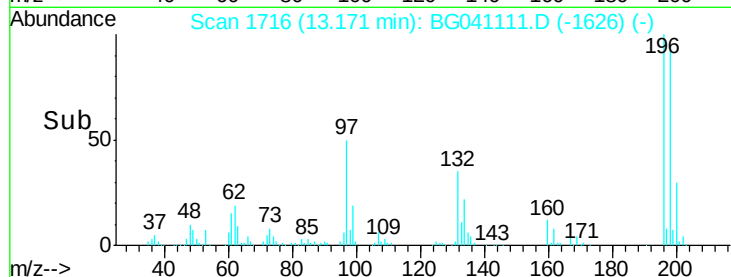
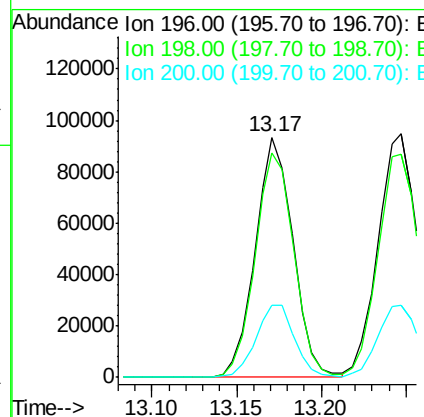
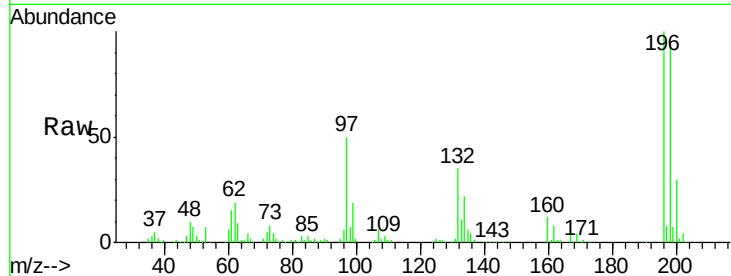
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.289 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 145233 |       |       |
| 198     | 93.6  | 79.0   | 118.6 |       |
| 200     | 30.3  | 23.8   | 35.8  |       |

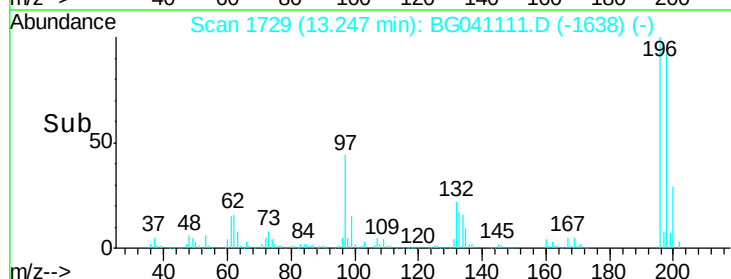
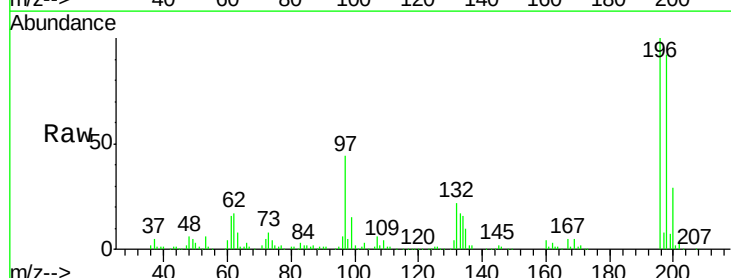
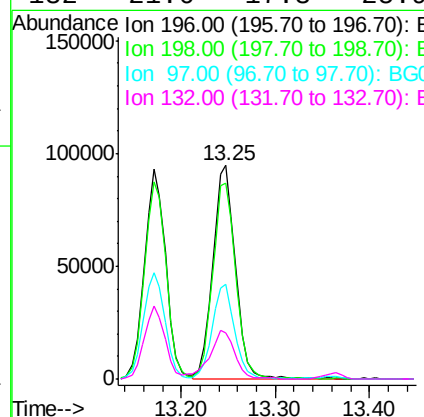
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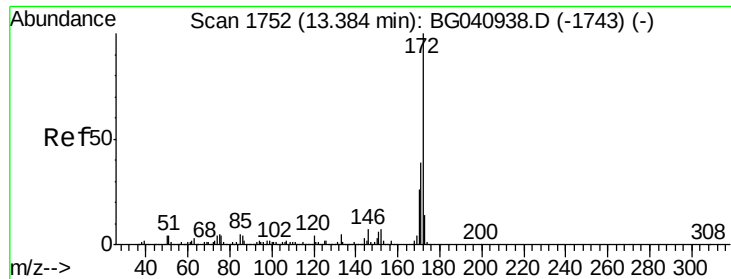
mohammad  
 6/11/2019 8:54:28 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.386 ng  
 RT: 13.25 min Scan# 1729  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 160109 |       |       |
| 198     | 91.8  | 78.2   | 117.4 |       |
| 97      | 44.1  | 37.9   | 56.9  |       |
| 132     | 21.6  | 17.3   | 25.9  |       |





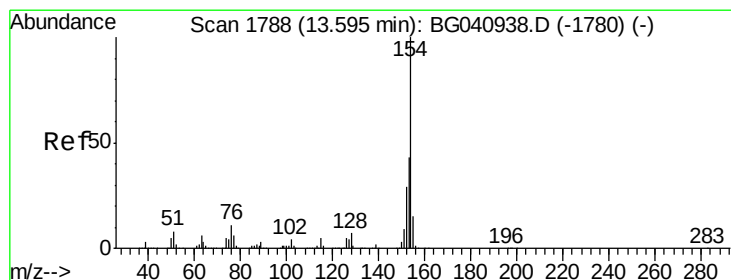
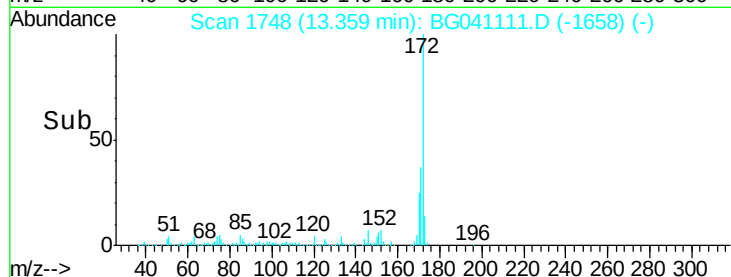
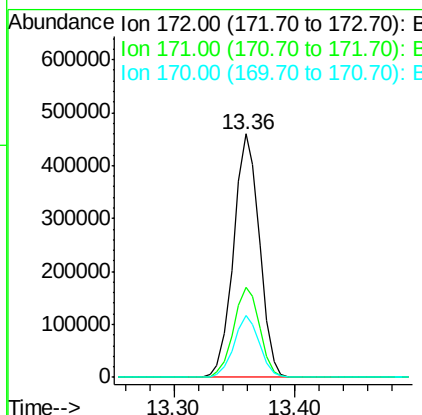
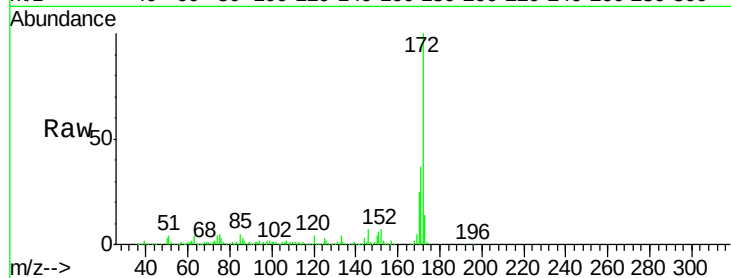
#45  
2-Fluorobiphenyl  
Concen: 82.021 ng  
RT: 13.36 min Scan# 1748  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 30.8  | 46.2  |
| 170     | 25.2  | 21.3  | 31.9  |

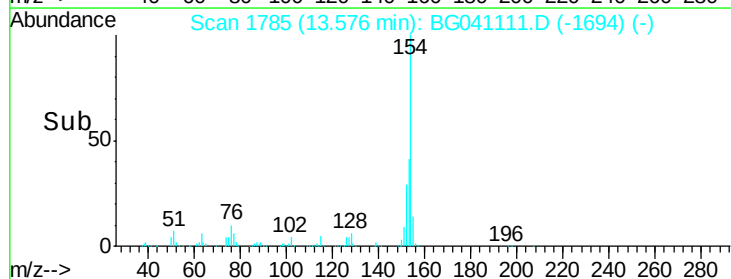
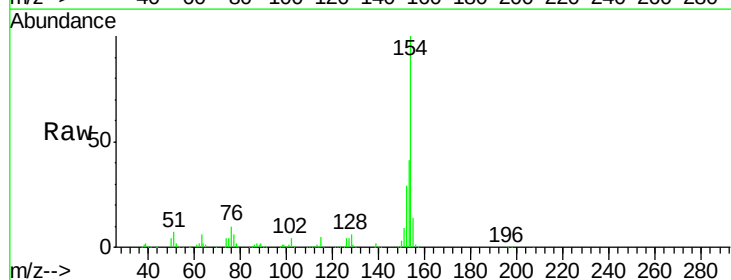
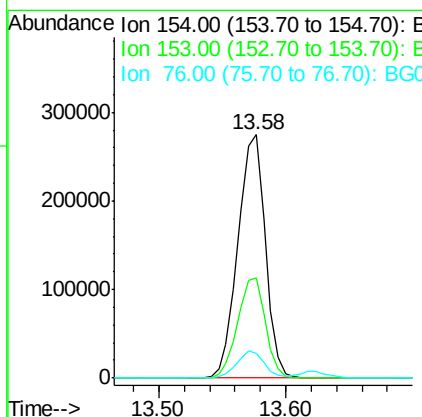
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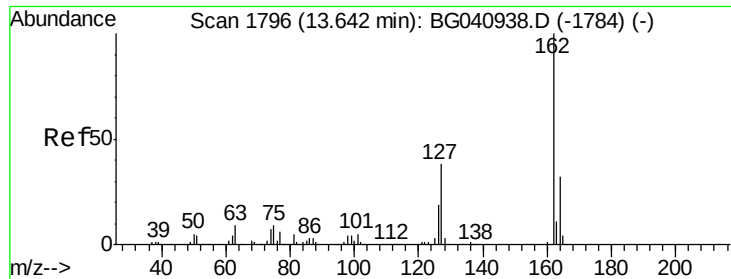
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#46  
1,1'-Biphenyl  
Concen: 46.107 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 23.1  | 63.1  |
| 76      | 10.2  | 0.0   | 31.2  |





#47

2-Chloronaphthalene

Concen: 44.567 ng

RT: 13.62 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

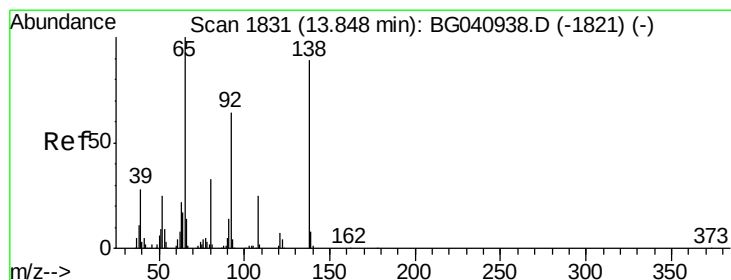
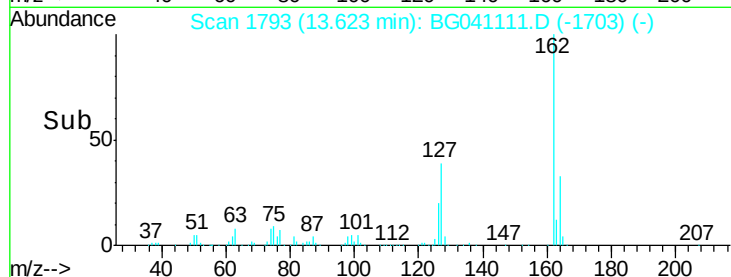
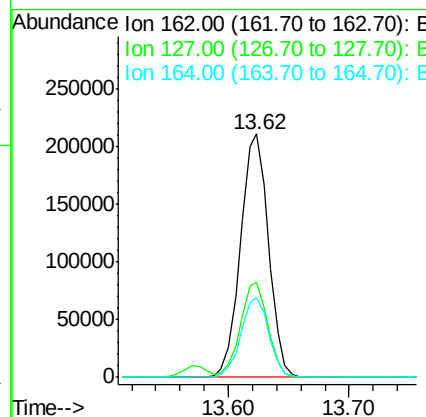
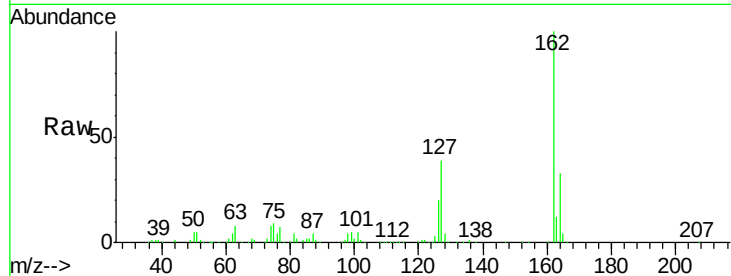
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 340787 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.1  | 31.1  | 46.7   |
| 164       | 32.9  | 25.8  | 38.8   |

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#48

2-Nitroaniline

Concen: 45.814 ng

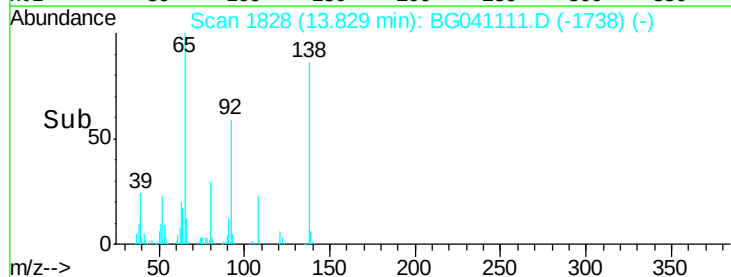
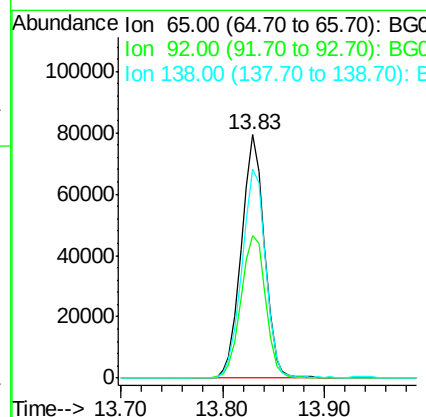
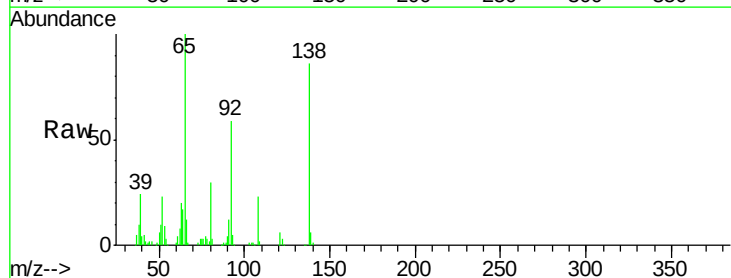
RT: 13.83 min Scan# 1828

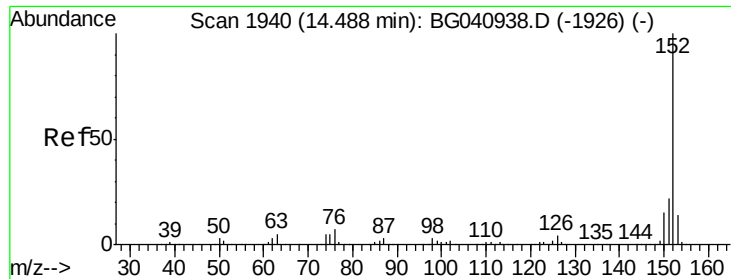
Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 125680 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 58.7  | 49.2  | 73.8   |
| 138       | 86.1  | 73.0  | 109.6  |





#49

Acenaphthylene

Concen: 46.195 ng

RT: 14.46 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

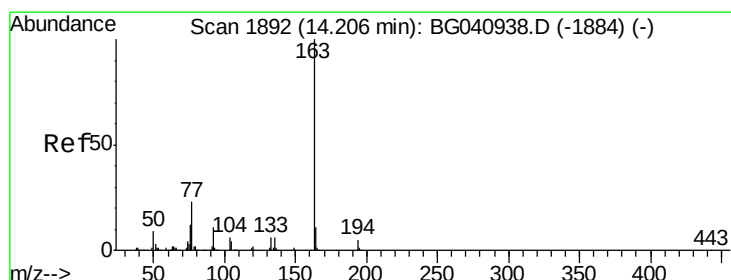
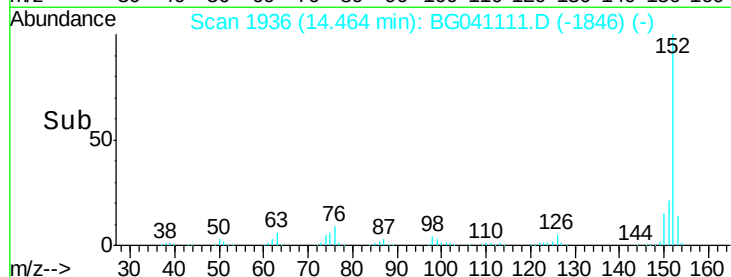
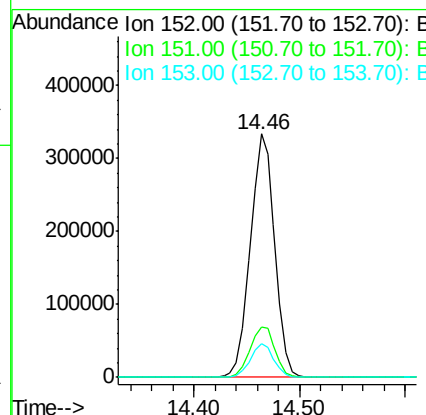
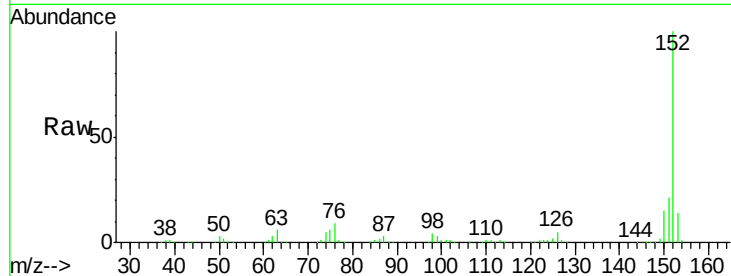
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 531644 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 16.8  | 25.2   |
| 153       | 13.9  | 10.6  | 16.0   |

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#50

Dimethylphthalate

Concen: 45.035 ng

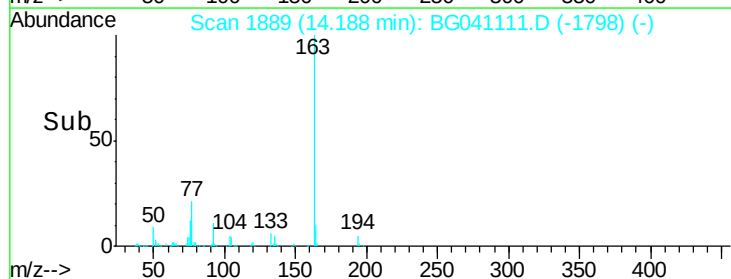
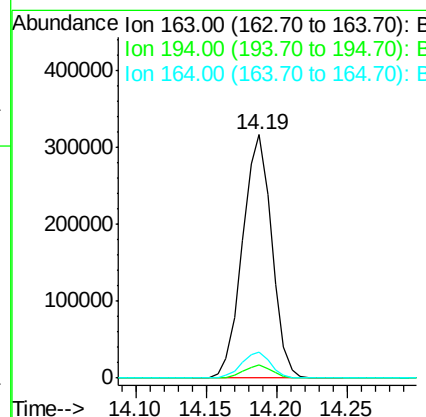
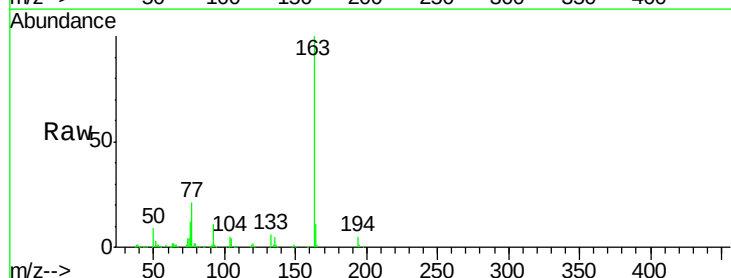
RT: 14.19 min Scan# 1889

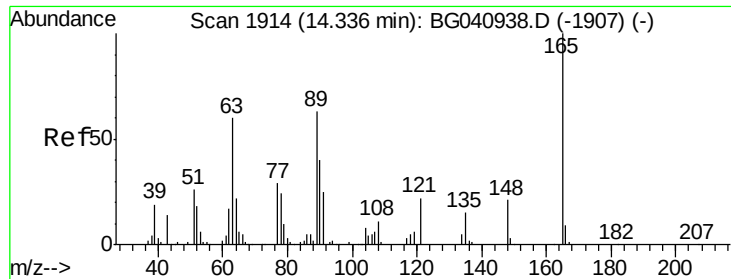
Delta R.T. 0.00 min

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   | 5.6    |
| 164       | 10.6  | 8.3   | 12.5   |





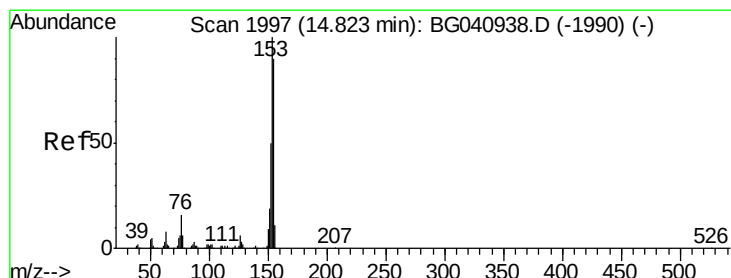
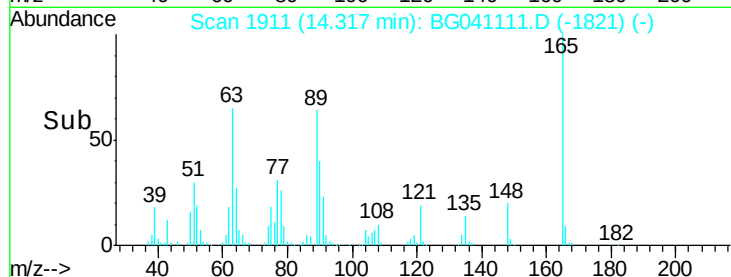
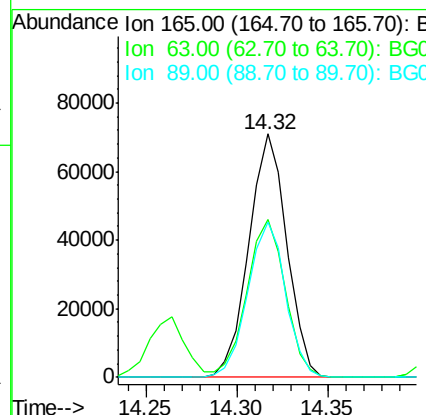
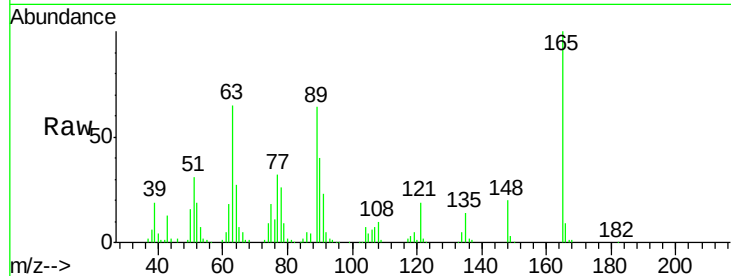
#51  
 2,6-Dinitrotoluene  
 Concen: 46.958 ng  
 RT: 14.32 min Scan# 1911  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 103131 |       |       |
| 63      | 64.8  | 48.6   | 73.0  |       |
| 89      | 63.9  | 51.1   | 76.7  |       |

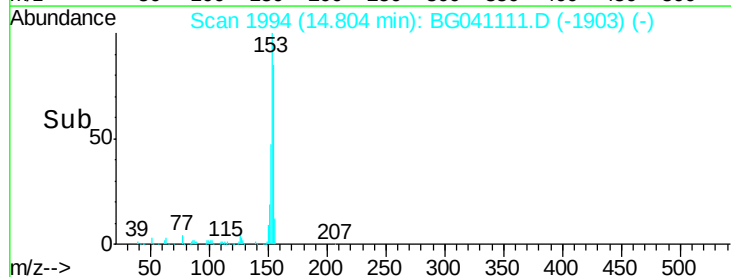
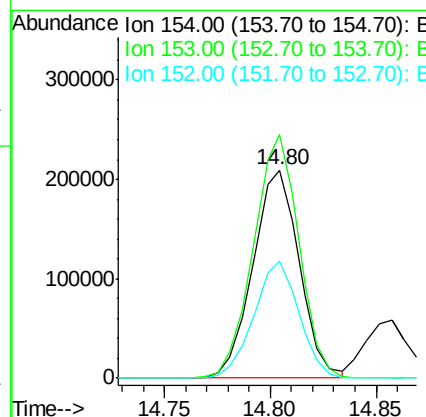
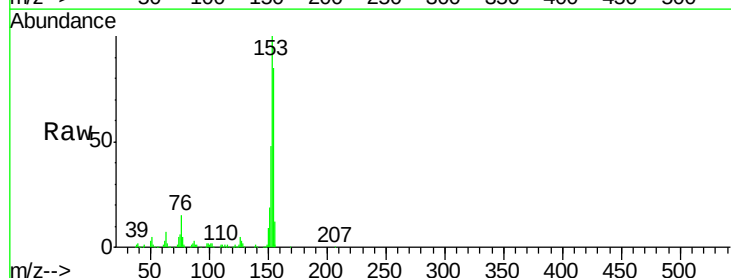
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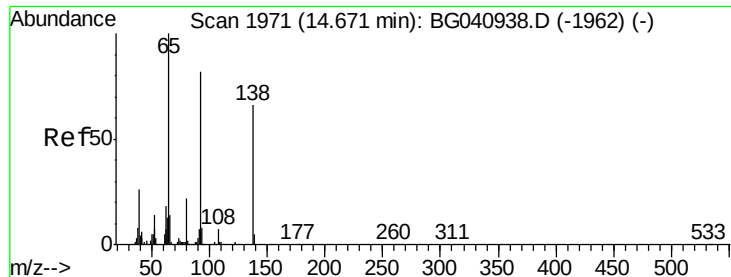
mohammad  
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#52  
 Acenaphthene  
 Concen: 45.688 ng  
 RT: 14.80 min Scan# 1994  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 318530 |       |       |
| 153     | 117.1 | 90.6   | 135.8 |       |
| 152     | 56.0  | 43.0   | 64.4  |       |





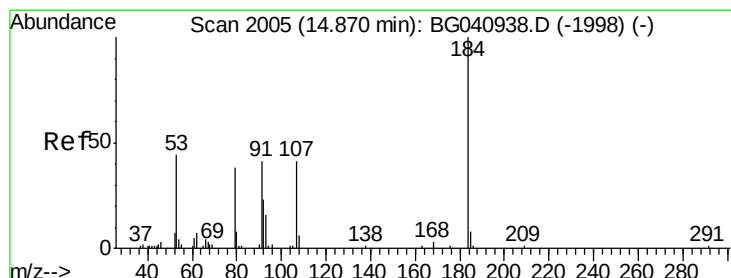
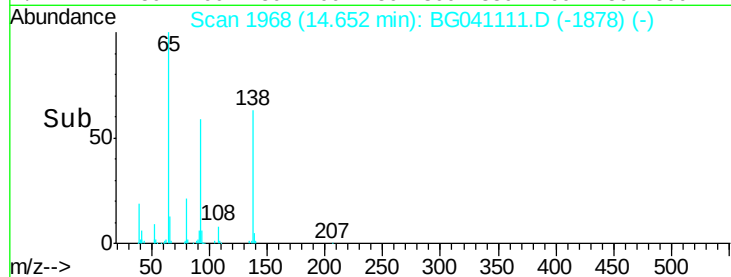
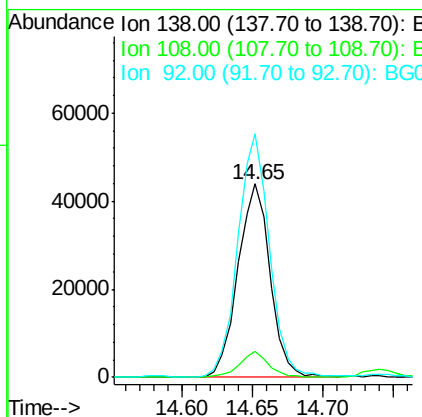
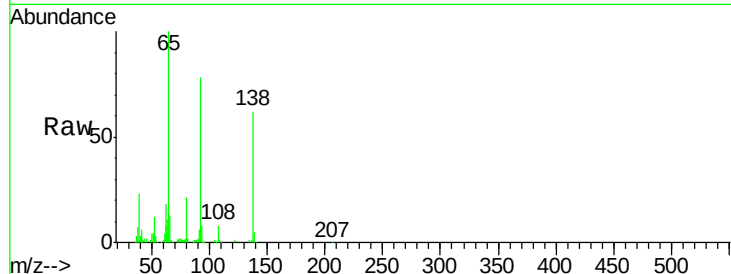
#53  
3-Nitroaniline  
Concen: 31.829 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 13.2  | 8.6   | 13.0# |
| 92      | 125.8 | 98.0  | 147.0 |

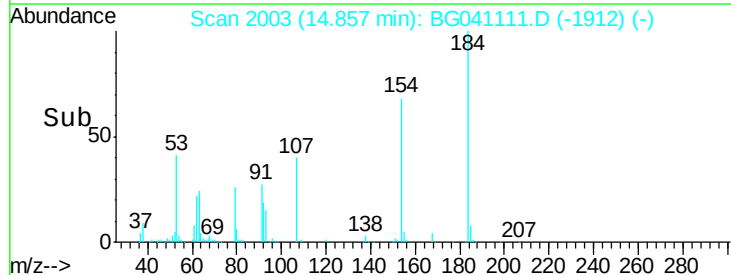
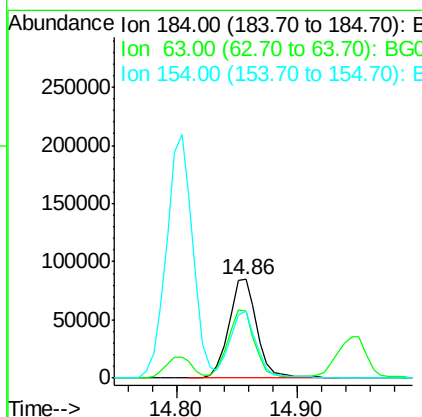
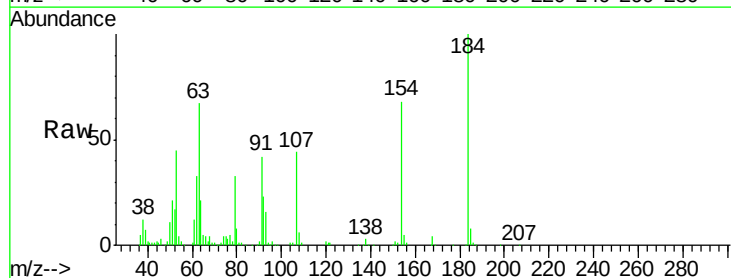
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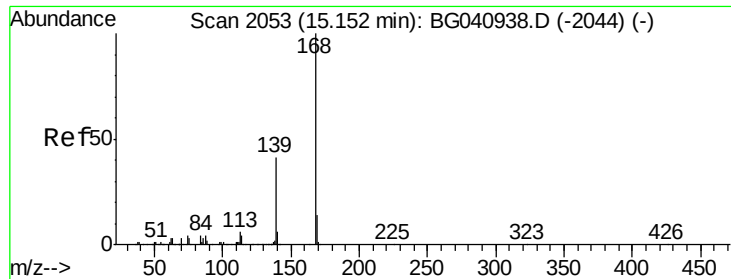
mohammad  
6/11/2019 8:54:28 AM



#54  
2,4-Dinitrophenol  
Concen: 105.977 ng  
RT: 14.86 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 67.3  | 54.2  | 81.4  |
| 154     | 68.2  | 52.3  | 78.5  |





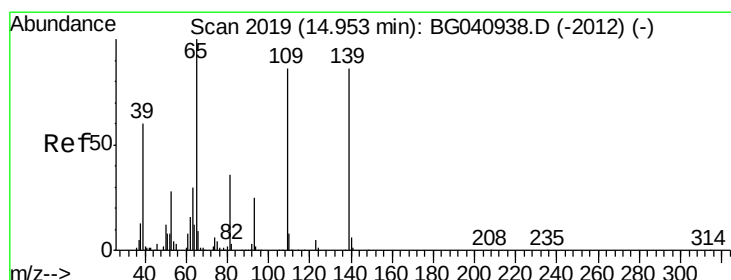
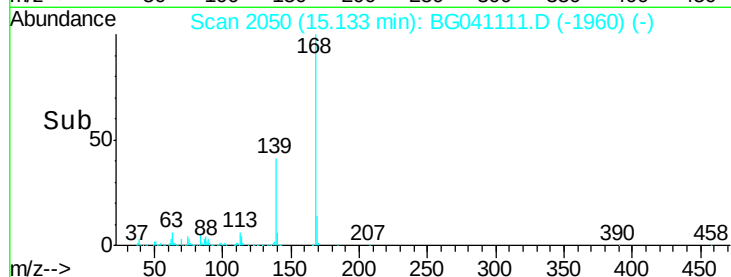
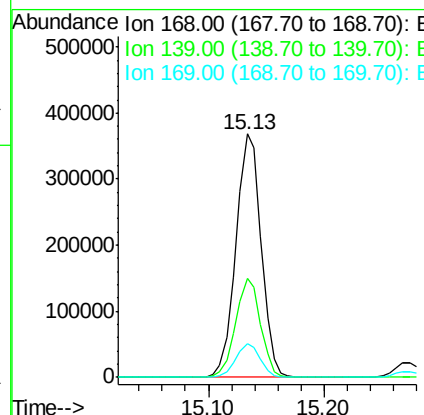
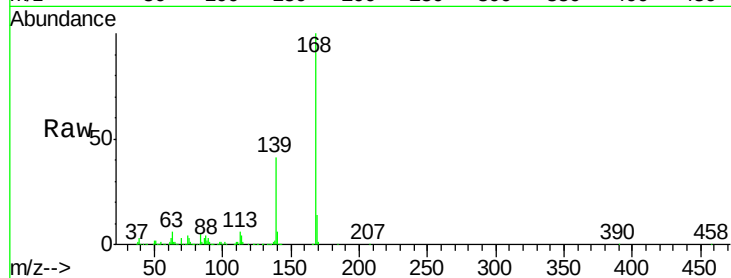
#55  
Dibenzofuran  
Concen: 47.297 ng  
RT: 15.13 min Scan# 2050  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.5  | 32.3  | 48.5  |
| 169     | 14.1  | 11.3  | 16.9  |

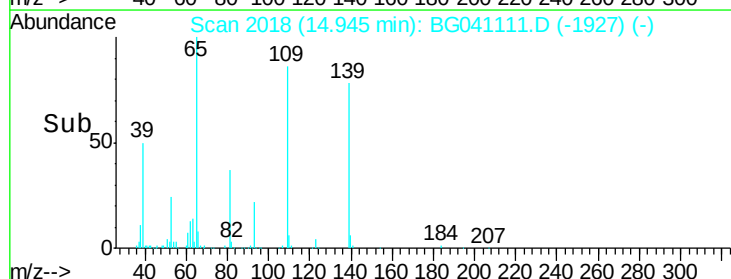
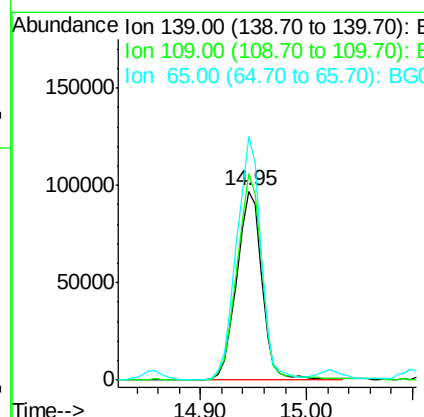
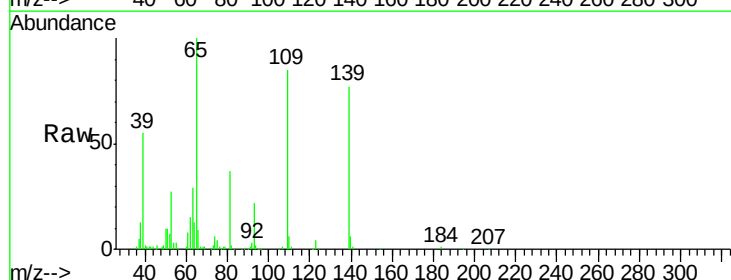
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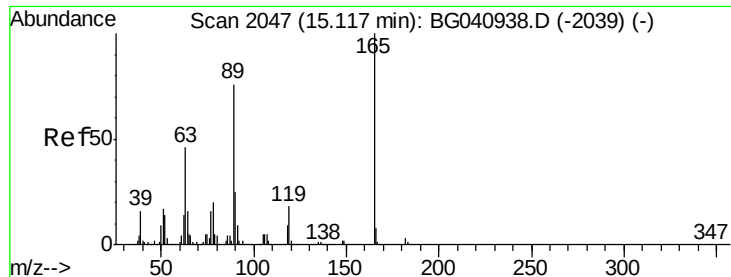


#56  
4-Nitrophenol  
Concen: 106.152 ng  
RT: 14.95 min Scan# 2018  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 109.2 | 89.2  | 129.2 |
| 65      | 129.1 | 104.3 | 144.3 |







#57

2,4-Dinitrotoluene

Concen: 48.299 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

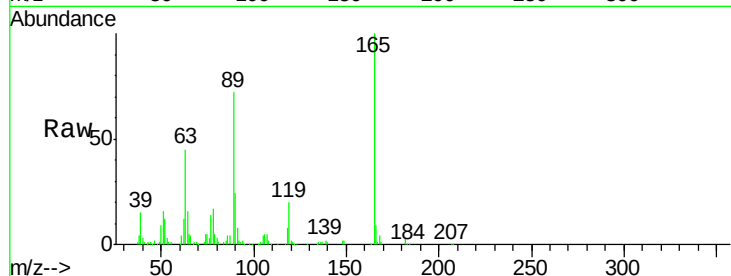
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 149841 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 45.4  | 38.1  | 57.1   |
| 89        | 72.2  | 60.7  | 91.1   |
| 182       | 2.8   | 2.4   | 3.6    |

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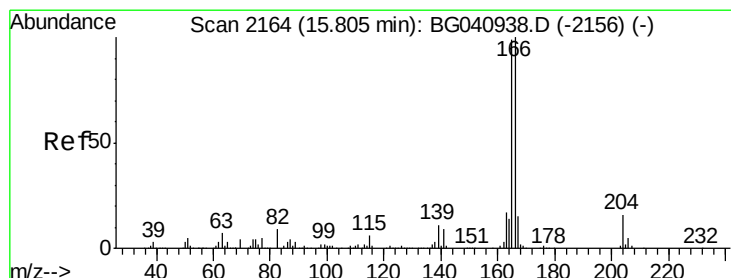
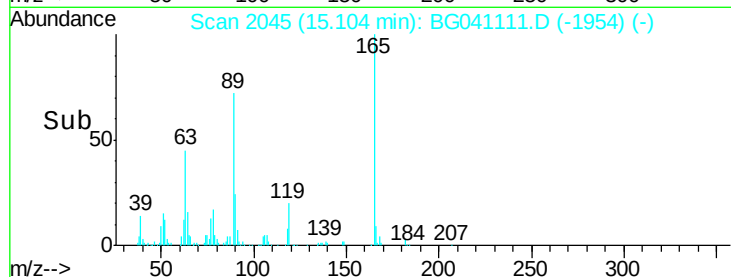
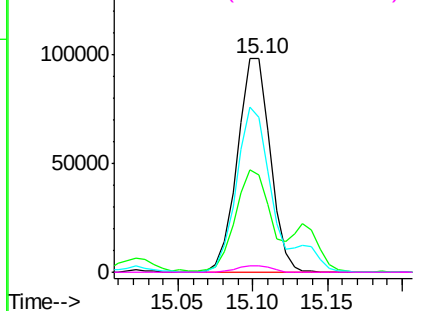


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.056 ng

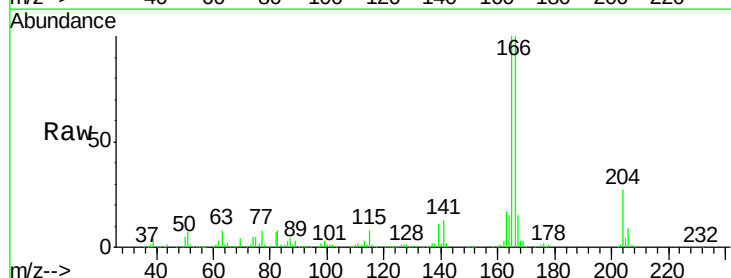
RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

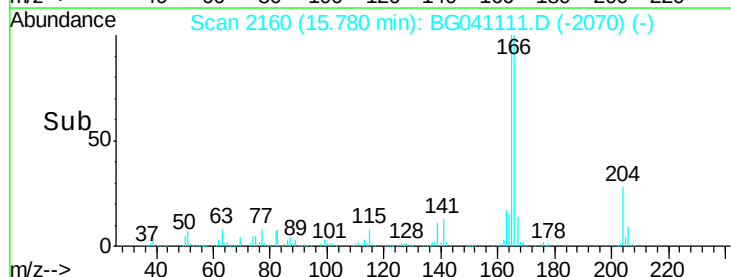
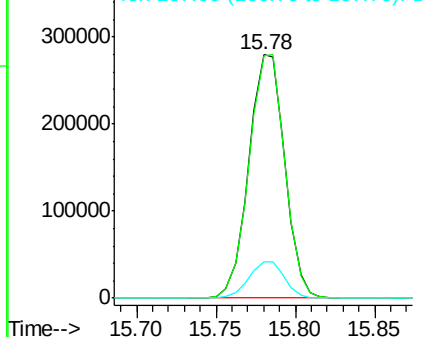
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 439626 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.5  | 80.6  | 121.0  |
| 167       | 14.7  | 11.6  | 17.4   |

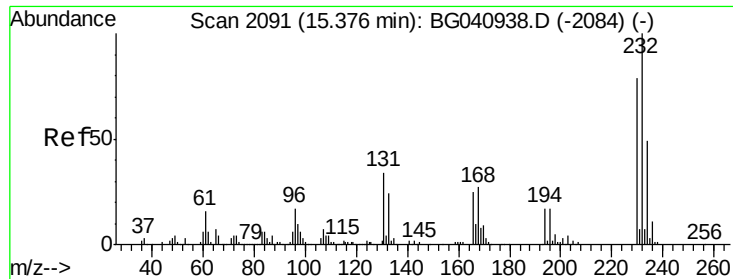


Abundance Ion 166.00 (165.70 to 166.70): E

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. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

ClientSampleId :

PB120405BS

Tot Ion:232 Resp: 164579

Ion Ratio Lower Upper

232 100

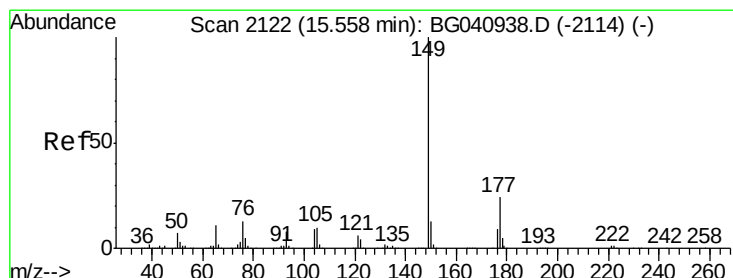
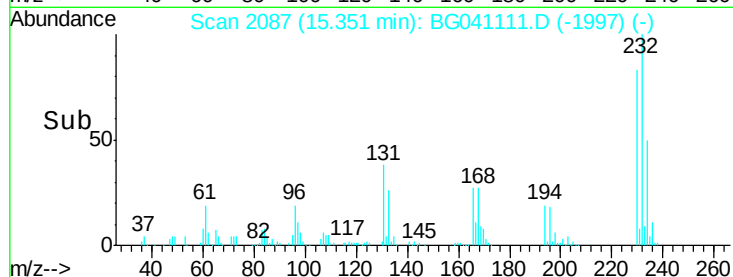
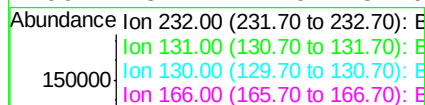
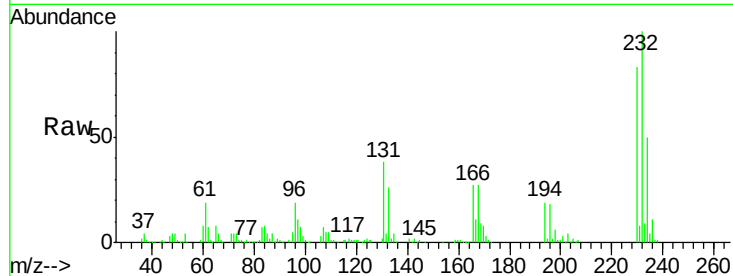
131 35.9 30.0 45.0

130 2.4 1.7 2.5

166 25.1 21.0 31.6

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#60

Diethylphthalate

Concen: 46.005 ng

RT: 15.54 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

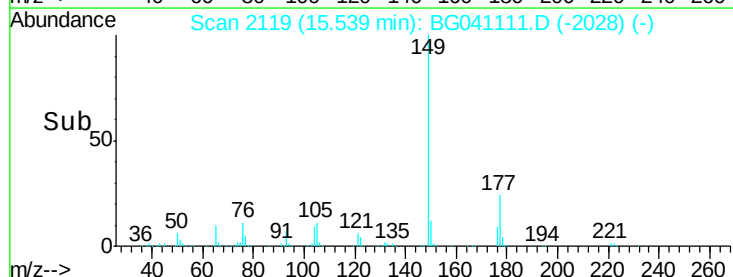
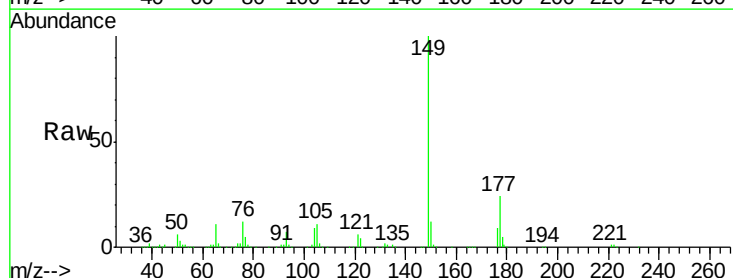
Tgt Ion:149 Resp: 478236

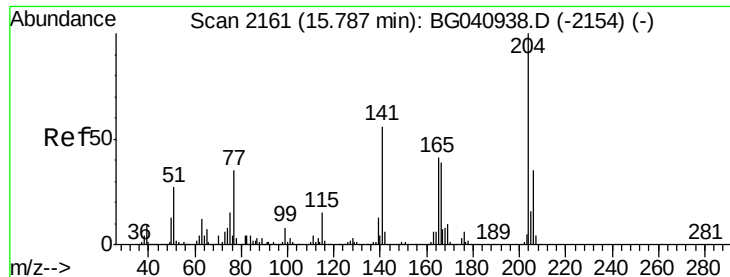
Ion Ratio Lower Upper

149 100

177 23.7 19.5 29.3

150 12.3 10.6 15.8





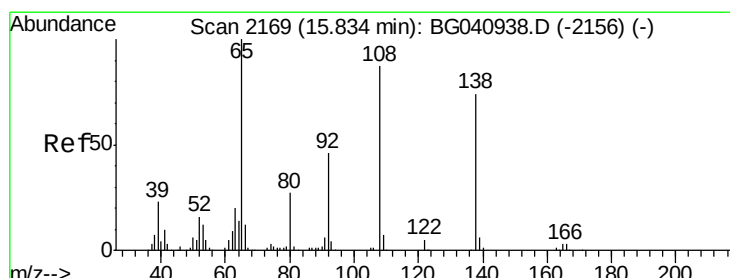
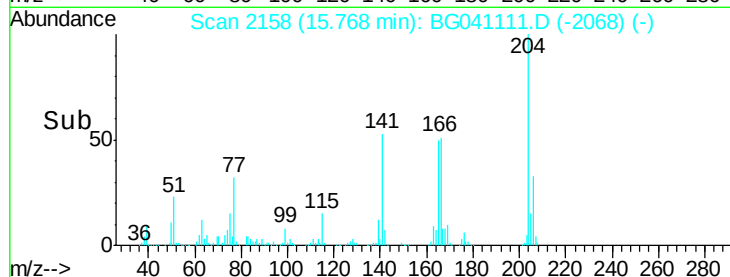
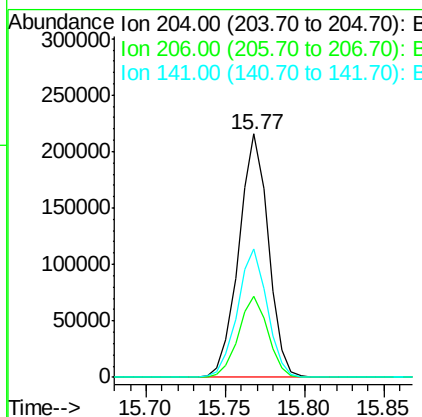
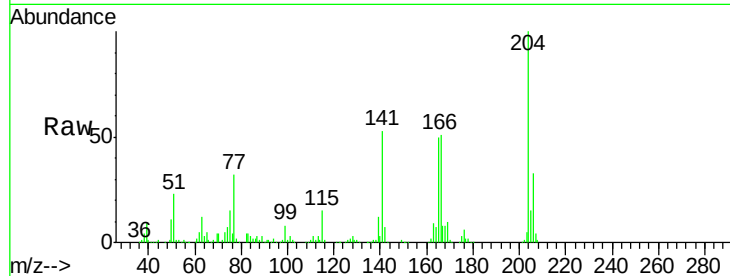
#61  
4-Chlorophenyl-phenylether  
Concen: 45.860 ng  
RT: 15.77 min Scan# 2158  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 278488 |       |       |
| 206     | 33.3  | 24.3   | 36.5  |       |
| 141     | 52.9  | 41.0   | 61.4  |       |

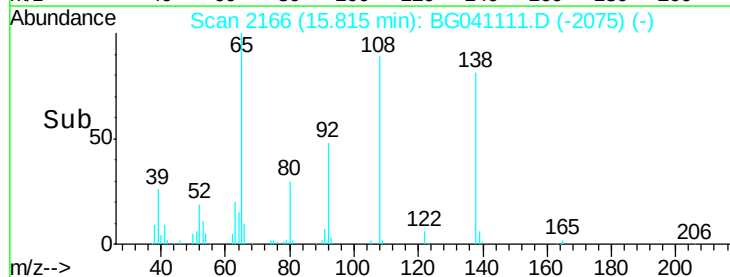
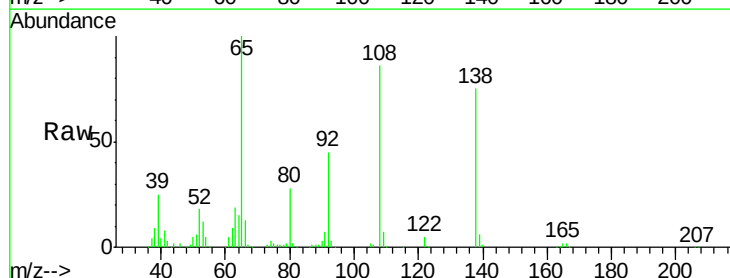
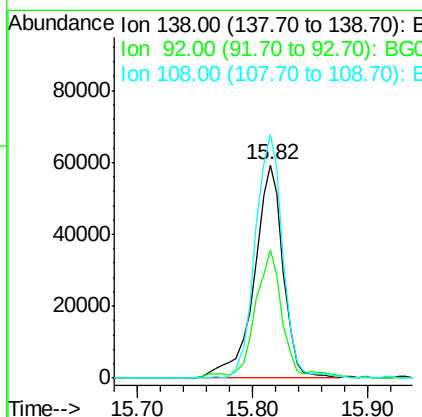
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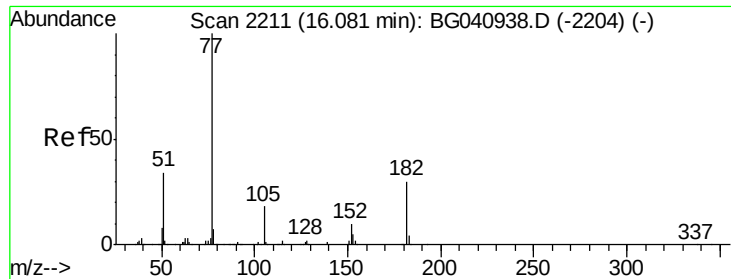
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#62  
4-Nitroaniline  
Concen: 44.511 ng  
RT: 15.82 min Scan# 2166  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 103489 |       |       |
| 92      | 60.3  | 37.1   | 77.1  |       |
| 108     | 114.3 | 97.0   | 137.0 |       |





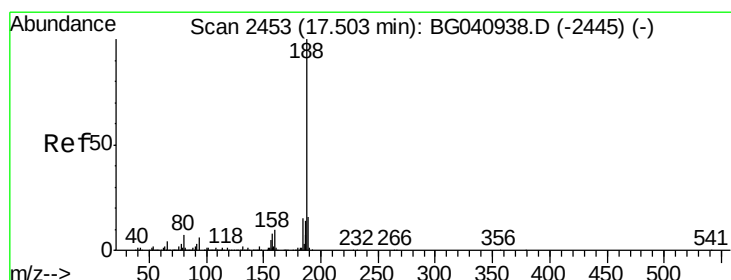
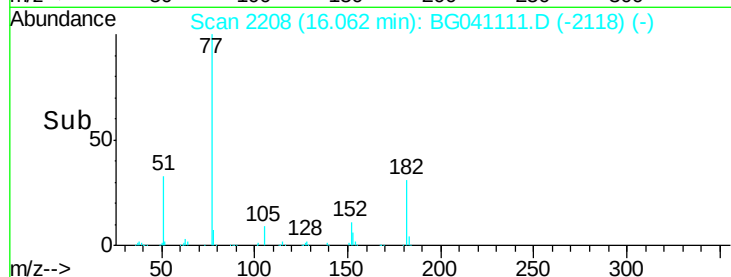
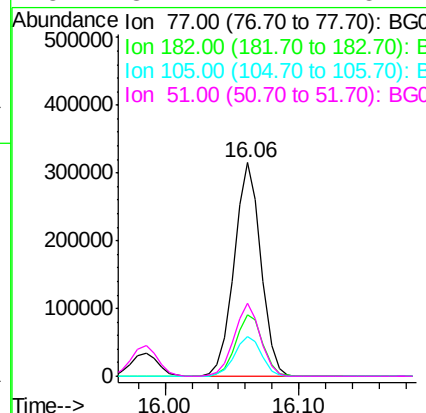
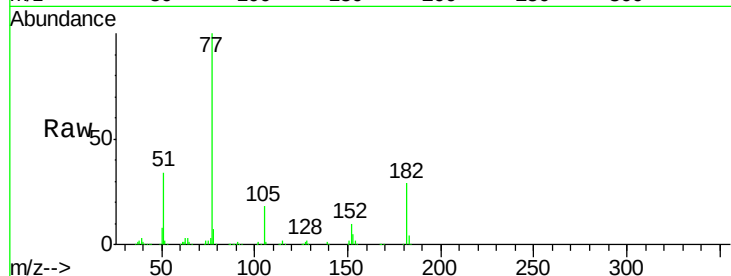
#63  
Azobenzene  
Concen: 46.669 ng  
RT: 16.06 min Scan# 2208  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 440933 |       |       |
| 182     | 29.0 | 10.4  | 50.4   |       |       |
| 105     | 18.5 | 0.0   | 38.6   |       |       |
| 51      | 34.1 | 14.2  | 54.2   |       |       |

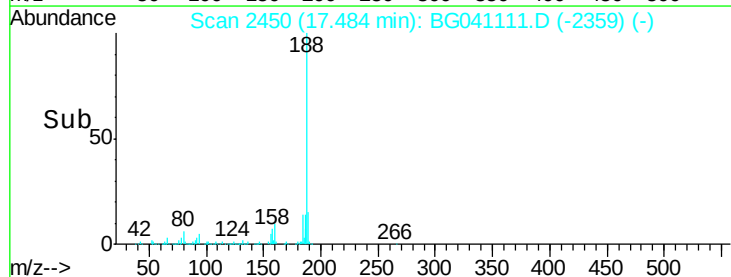
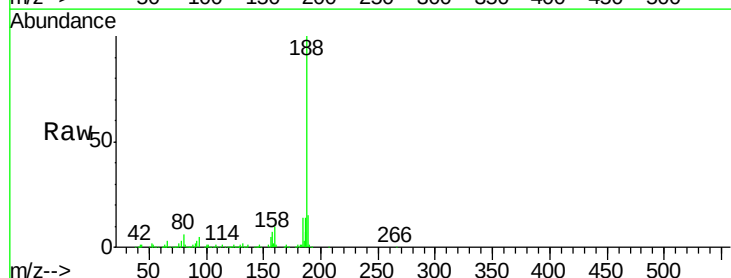
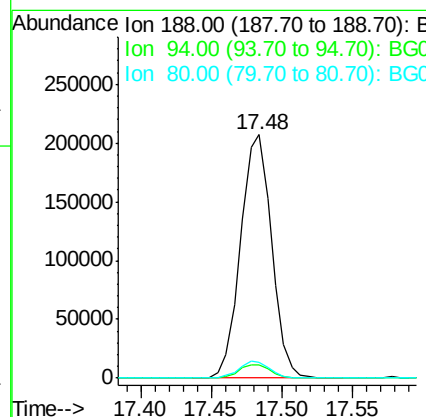
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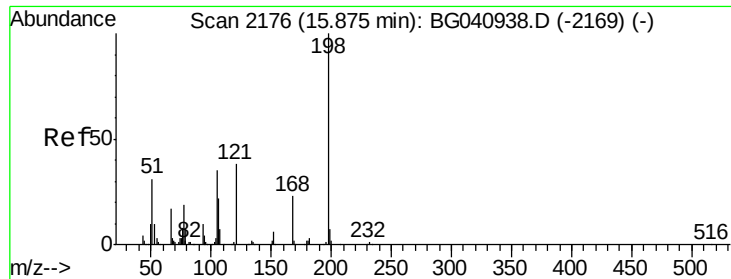
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 316283 |       |       |
| 94      | 5.4 | 4.6   | 7.0    |       |       |
| 80      | 6.3 | 5.8   | 8.8    |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 53.005 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

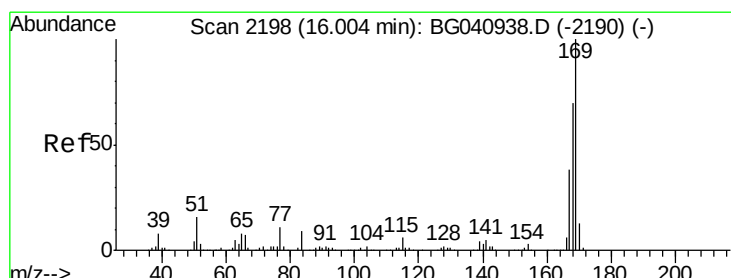
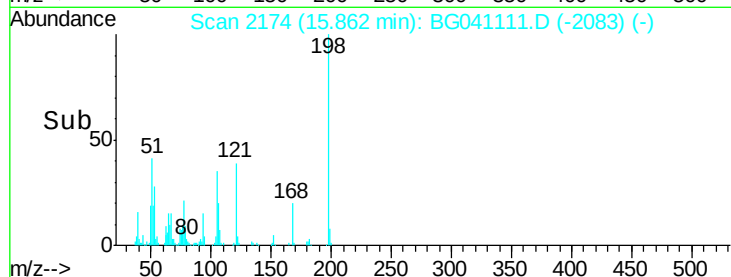
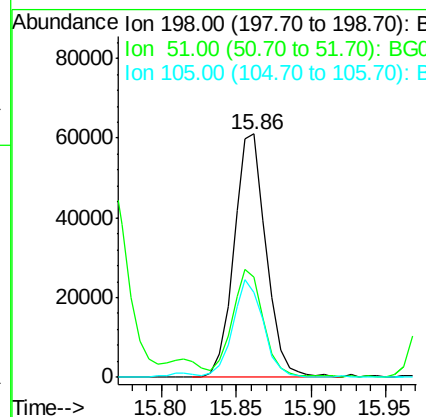
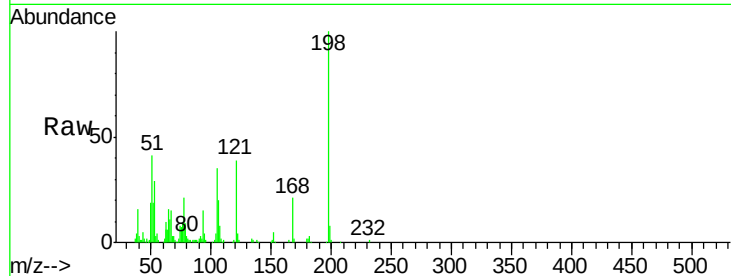
ClientSampleId :

PB120405BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 91683 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 41.1  | 22.9  | 62.9  |
| 105       | 34.6  | 19.1  | 59.1  |

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#66

n-Nitrosodiphenylamine

Concen: 45.233 ng

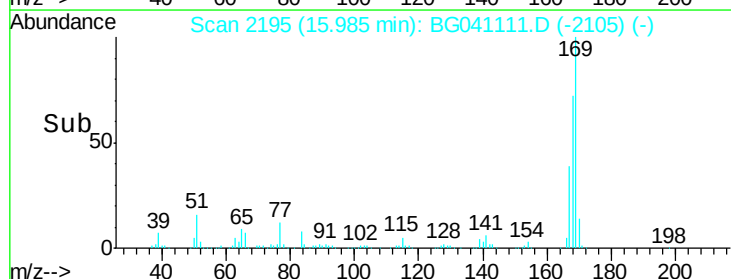
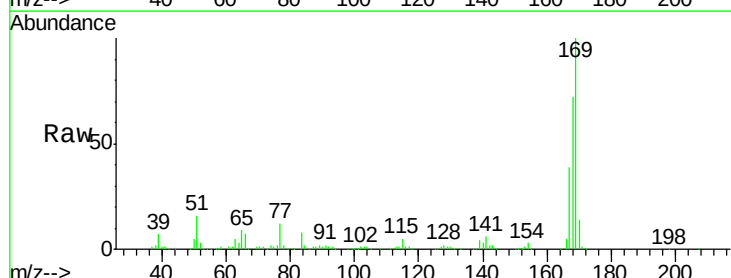
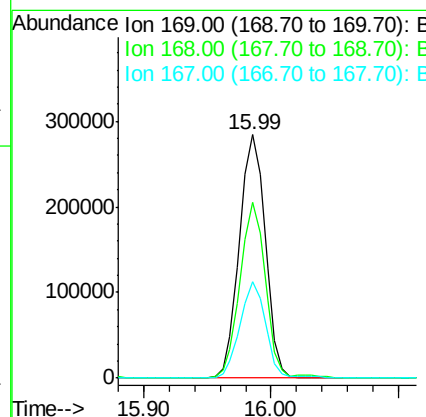
RT: 15.99 min Scan# 2195

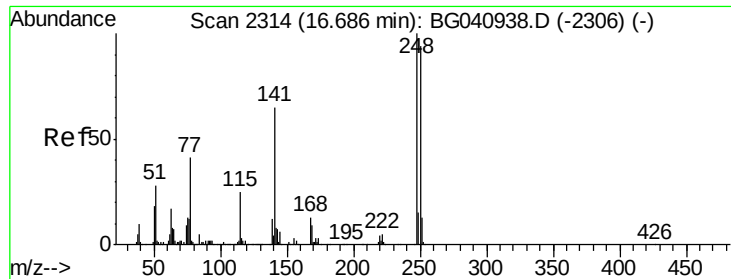
Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 402168 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 72.2  | 55.4  | 83.0   |
| 167       | 39.5  | 30.2  | 45.4   |





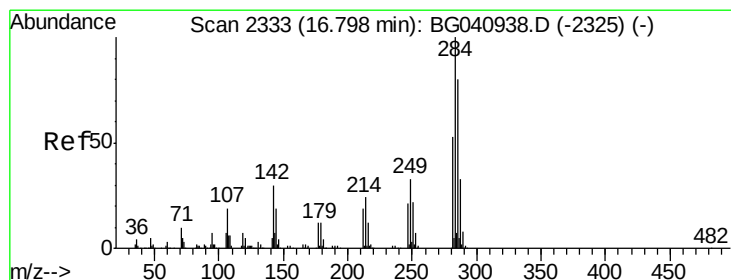
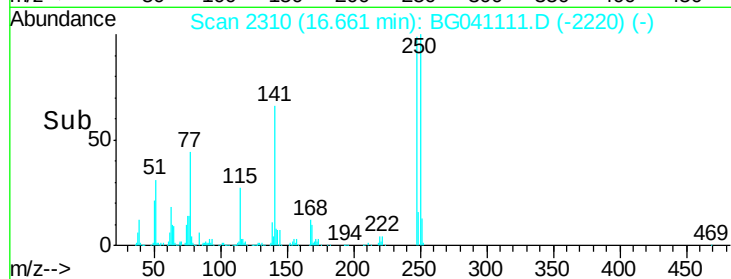
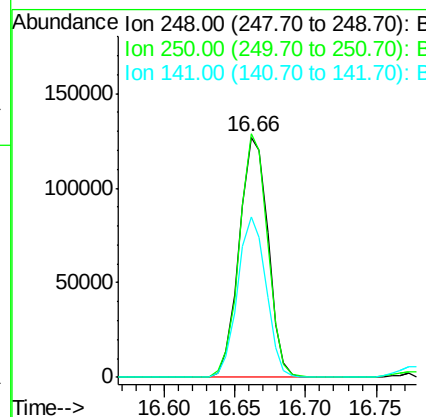
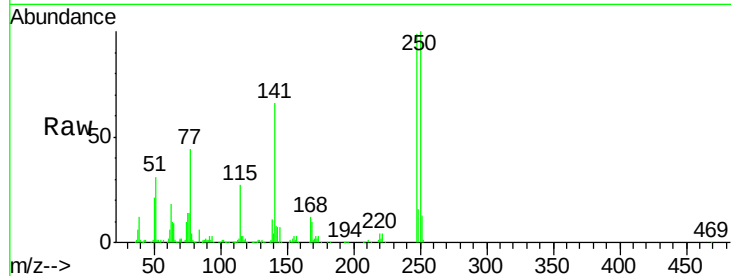
#67  
4-Bromophenyl-phenylether  
Concen: 42.340 ng  
RT: 16.66 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 101.3 | 80.9  | 121.3 |
| 141     | 66.9  | 56.1  | 84.1  |

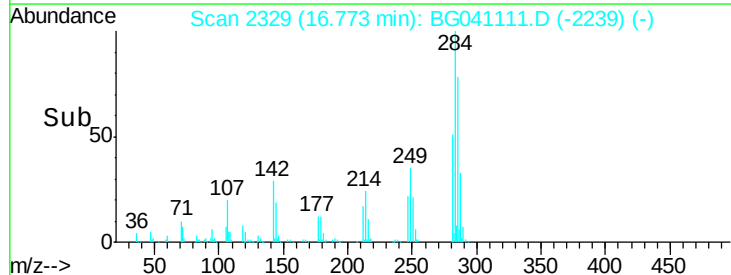
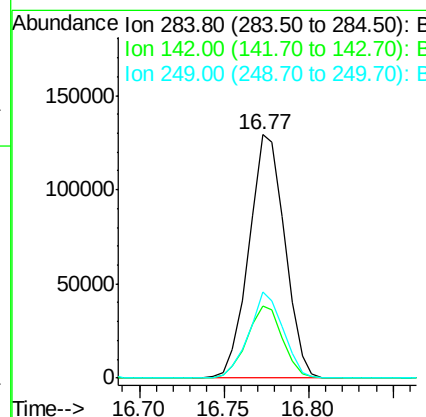
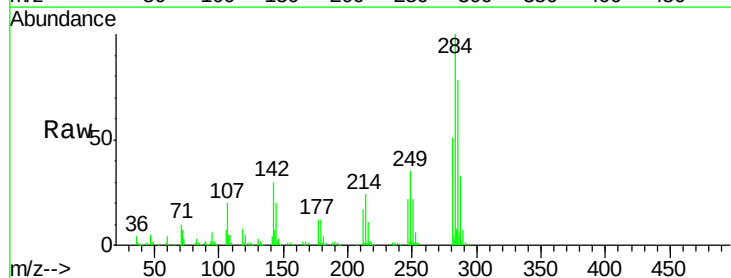
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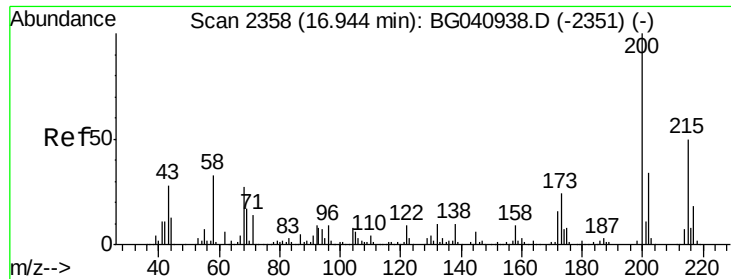
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#68  
Hexachlorobenzene  
Concen: 42.029 ng  
RT: 16.77 min Scan# 2329  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.8  | 24.2  | 36.2  |
| 249     | 35.4  | 26.7  | 40.1  |





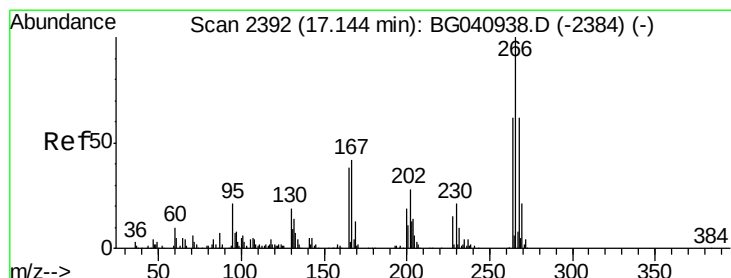
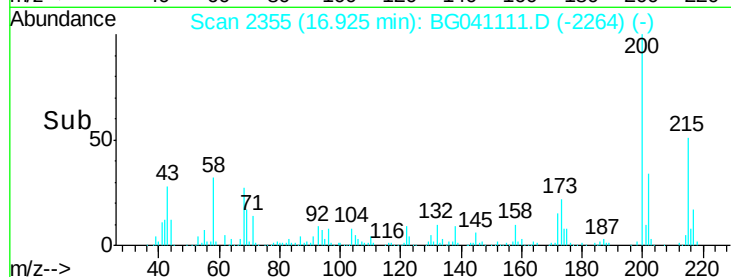
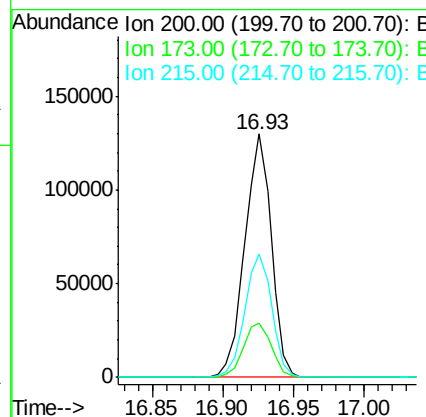
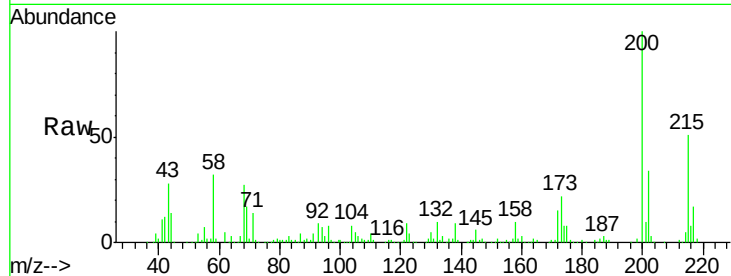
#69  
 Atrazine  
 Concen: 49.797 ng  
 RT: 16.93 min Scan# 2355  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 22.4  | 4.5        | 44.5       |
| 215     | 50.6  | 32.2       | 72.2       |

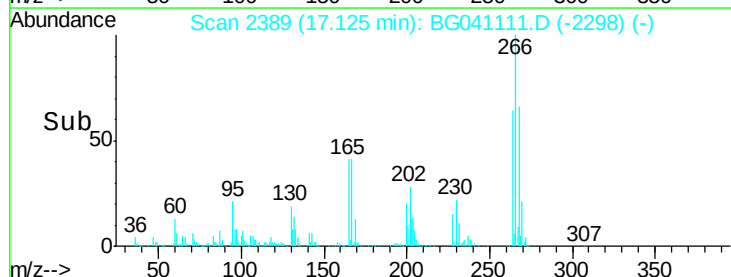
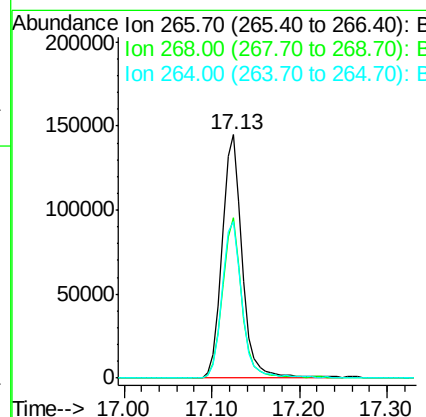
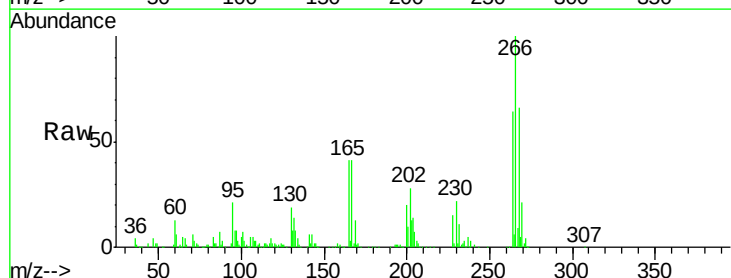
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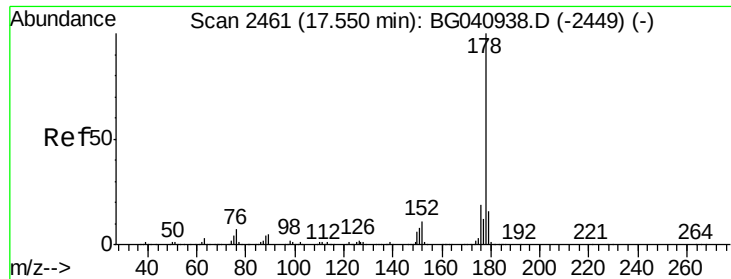
mohammad  
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#70  
 Pentachlorophenol  
 Concen: 93.979 ng  
 RT: 17.13 min Scan# 2389  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 66.0  | 52.4       | 78.6       |
| 264     | 64.4  | 50.5       | 75.7       |





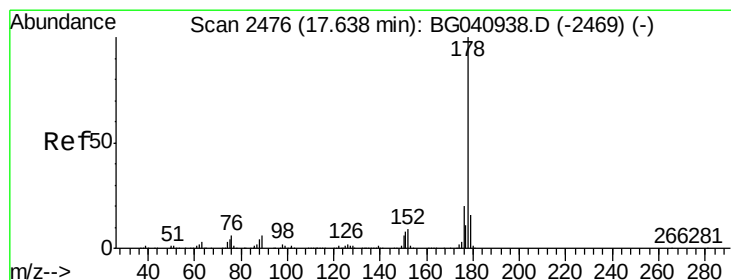
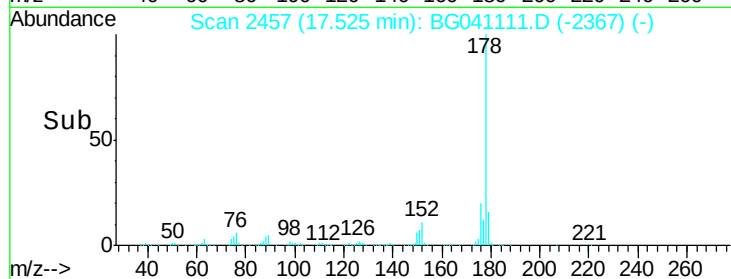
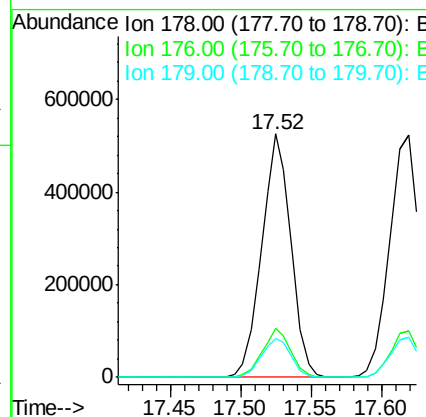
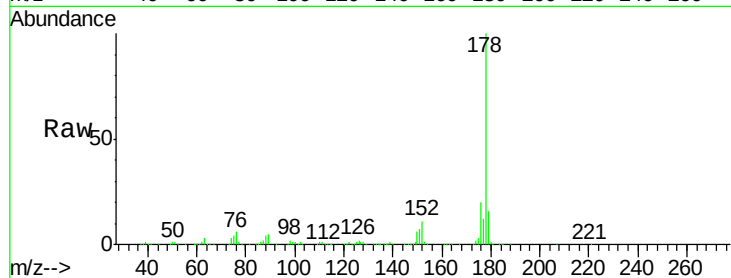
#71  
Phenanthrene  
Concen: 46.214 ng  
RT: 17.52 min Scan# 2457  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 16.4  | 24.6  |
| 179     | 16.2  | 13.5  | 20.3  |

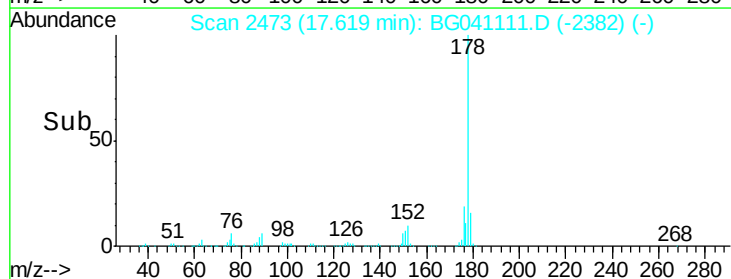
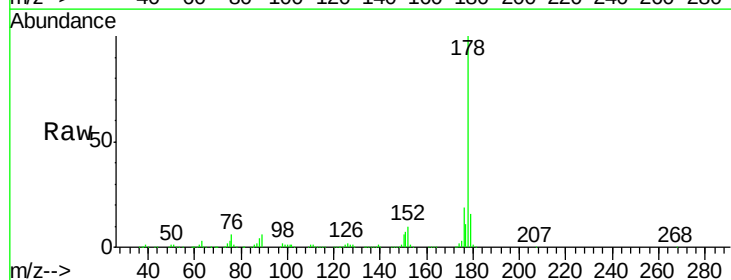
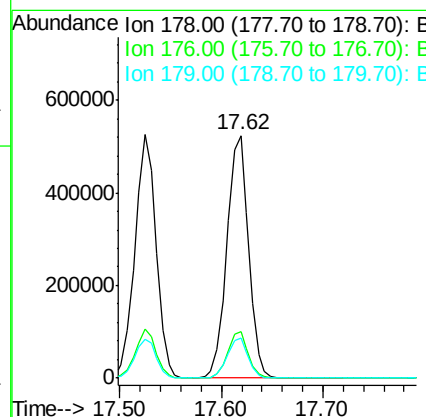
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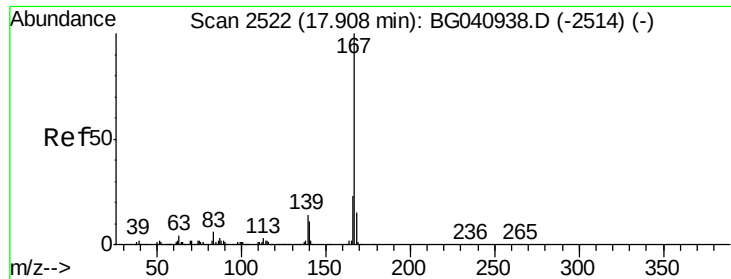


#72  
Anthracene  
Concen: 47.636 ng  
RT: 17.62 min Scan# 2473  
Delta R.T. 0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.0  | 22.6  |
| 179     | 16.3  | 13.0  | 19.6  |







#73

Carbazole

Concen: 47.977 ng

RT: 17.89 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

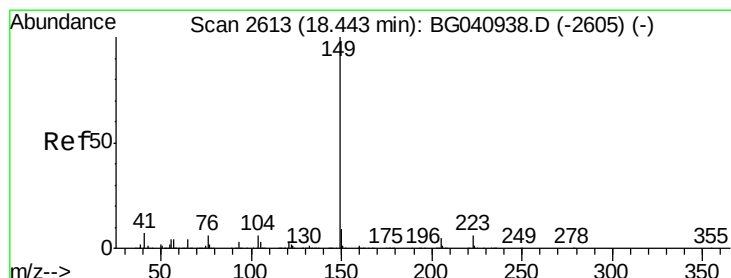
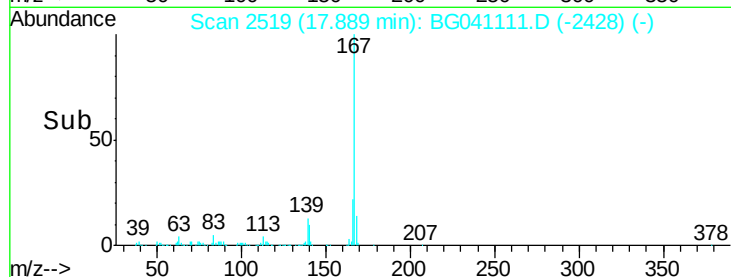
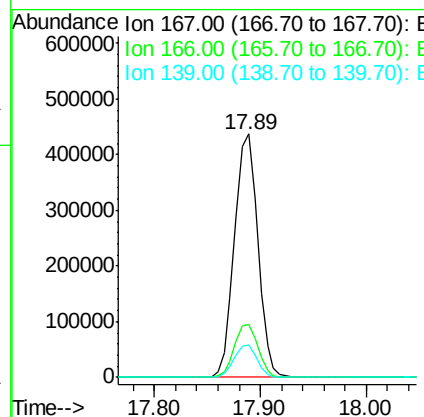
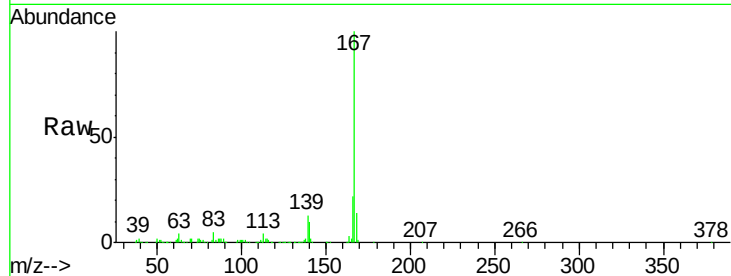
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 668891 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 21.9  | 17.4  | 26.2   |
| 139       | 13.5  | 10.6  | 15.8   |

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#74

Di-n-butylphthalate

Concen: 45.096 ng

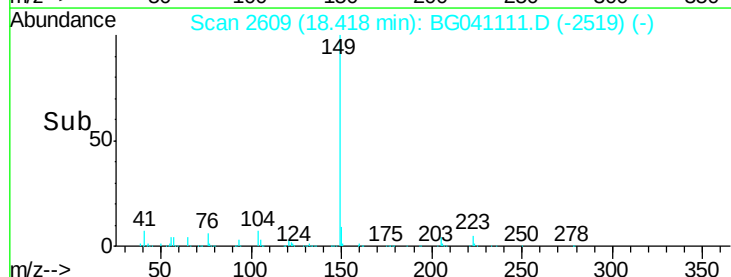
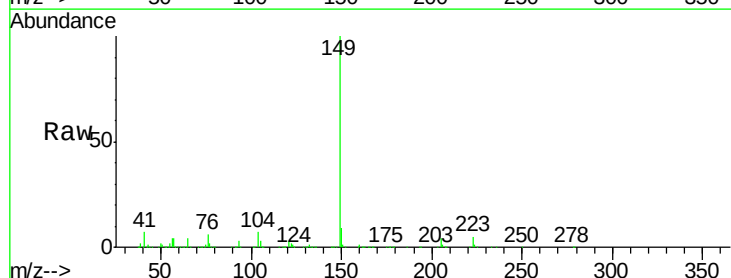
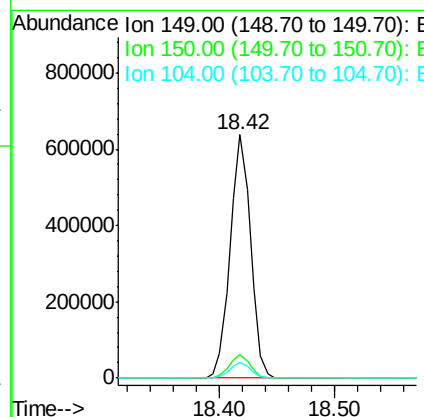
RT: 18.42 min Scan# 2609

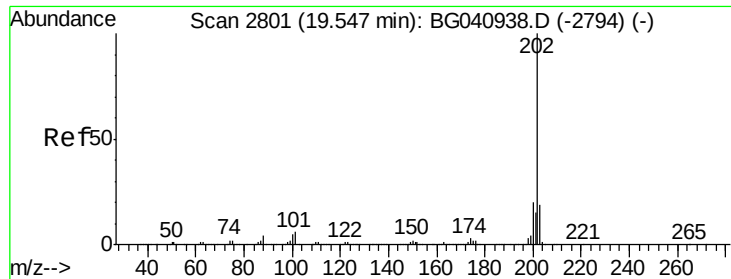
Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 781427 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 7.5   | 11.3   |
| 104       | 6.6   | 5.3   | 7.9    |





#75

Fluoranthene

Concen: 48.387 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

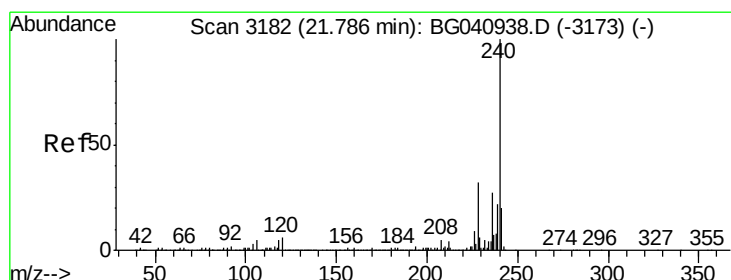
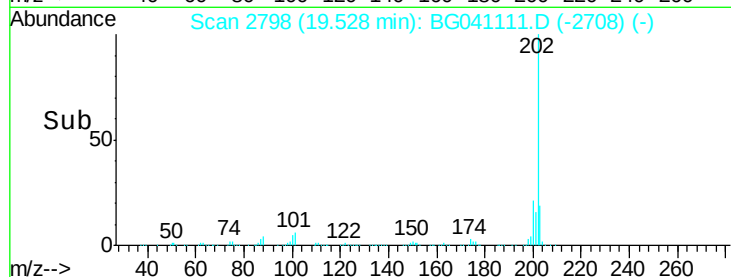
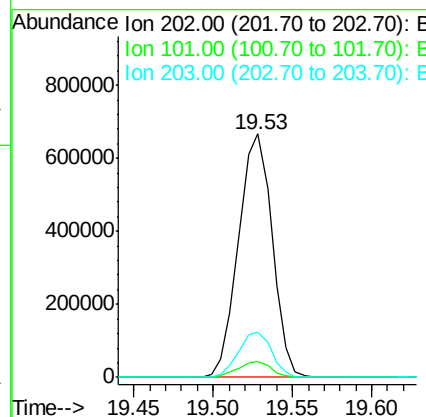
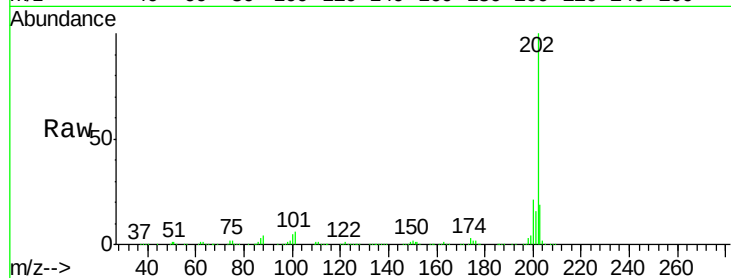
ClientSampleId :

PB120405BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 6.3   | 0.0        | 26.0  |
| 203     | 18.6  | 0.0        | 39.5  |

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#76

Chrysene-d12

Concen: 20.000 ng

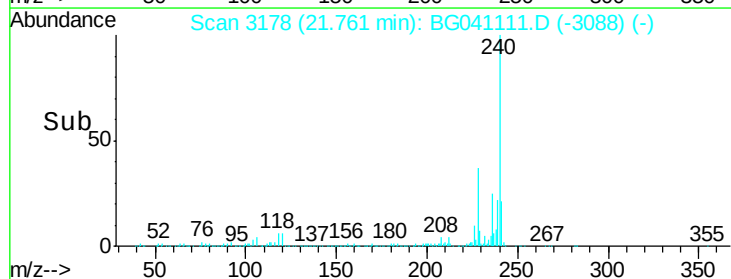
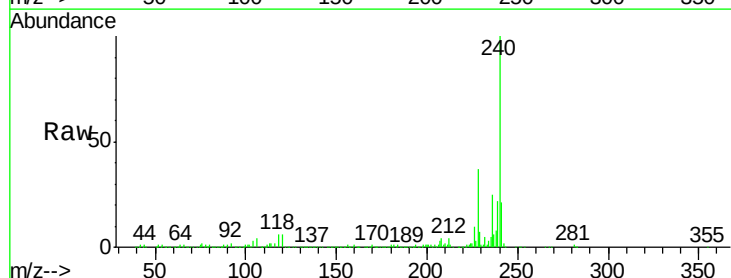
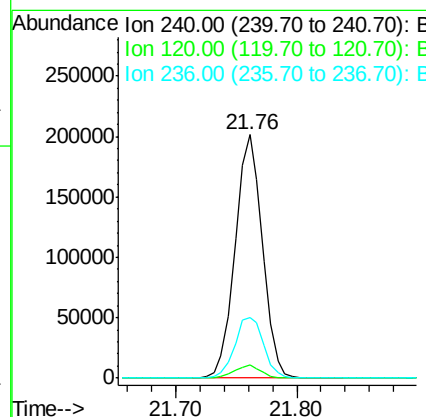
RT: 21.76 min Scan# 3178

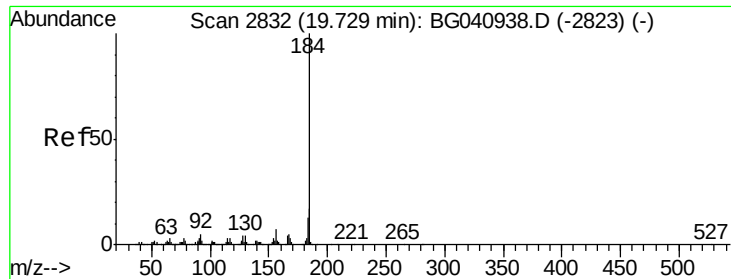
Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 5.7   | 4.6        | 6.8   |
| 236     | 24.9  | 20.6       | 31.0  |





#77

Benzidine

Concen: 54.127 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

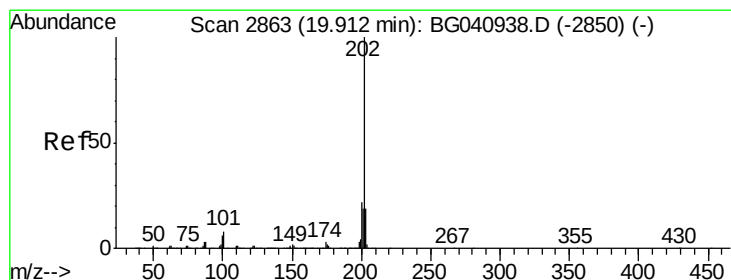
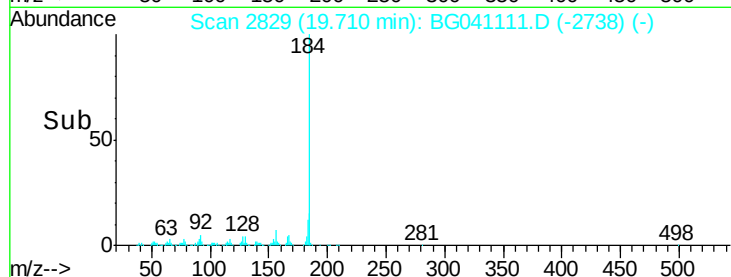
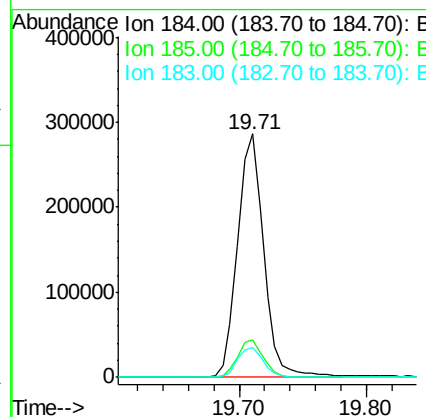
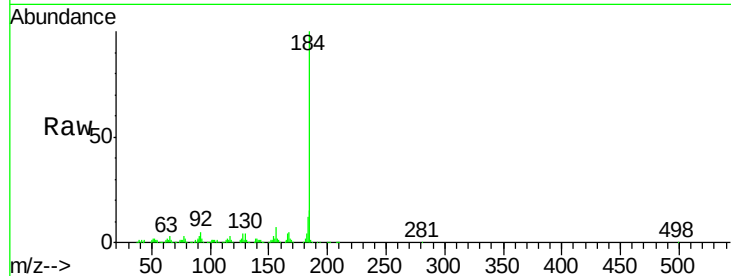
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 408439 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 12.6  | 18.8   |
| 183       | 12.4  | 10.2  | 15.4   |

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#78

Pyrene

Concen: 47.378 ng

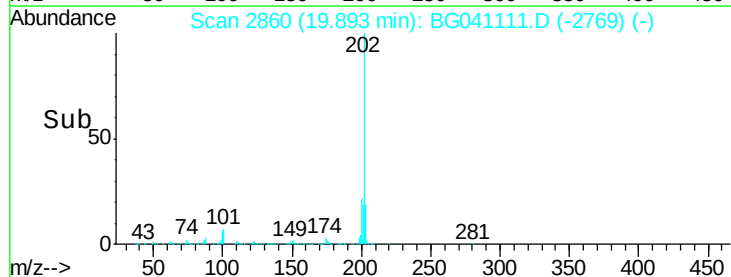
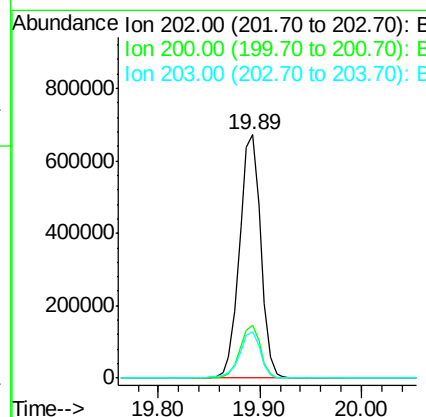
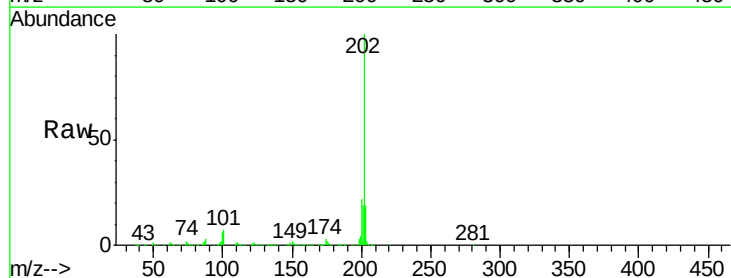
RT: 19.89 min Scan# 2860

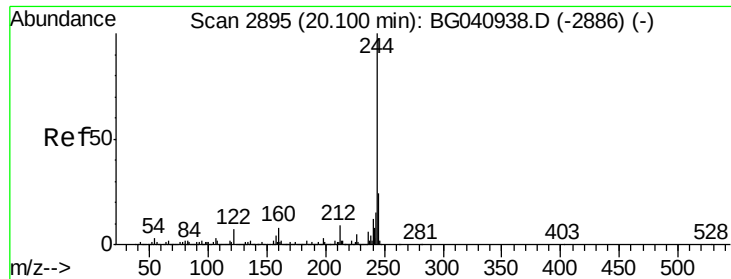
Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 974231 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.7  | 17.2  | 25.8   |
| 203       | 18.9  | 13.9  | 20.9   |





#79

Terphenyl-d14

Concen: 86.173 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

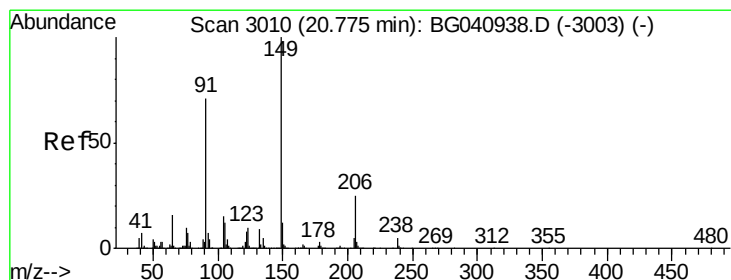
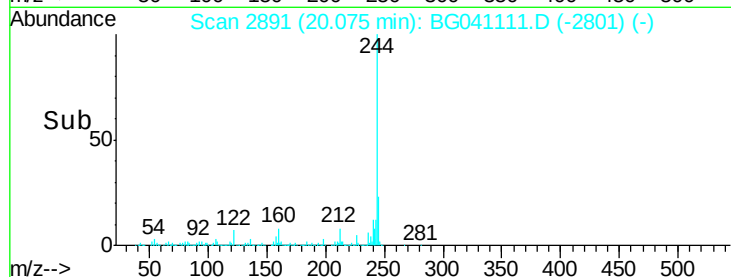
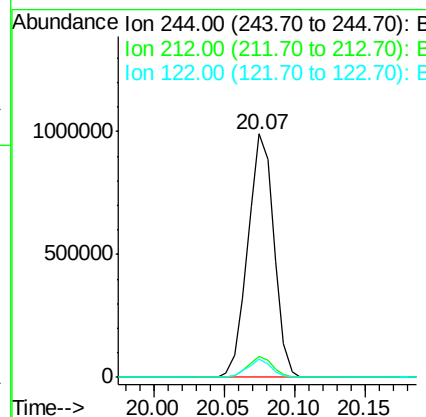
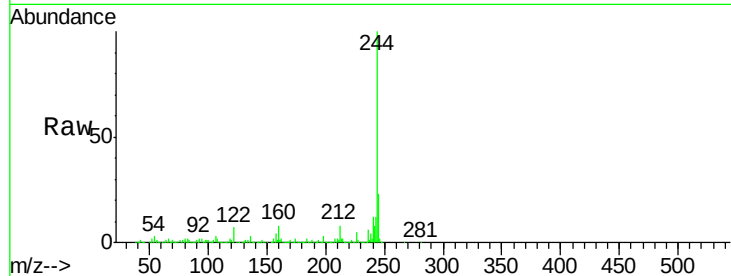
ClientSampleId :

PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 6.9   | 10.3  |
| 122     | 7.4   | 5.4   | 8.0   |

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#80

Butylbenzylphthalate

Concen: 46.132 ng

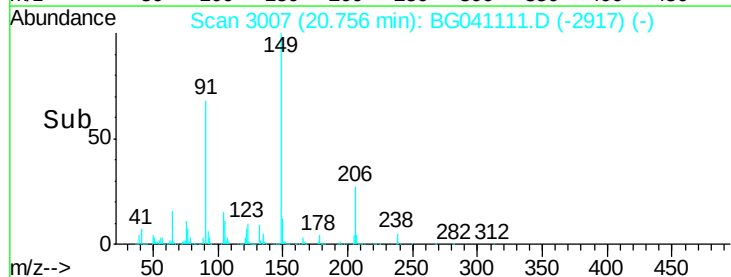
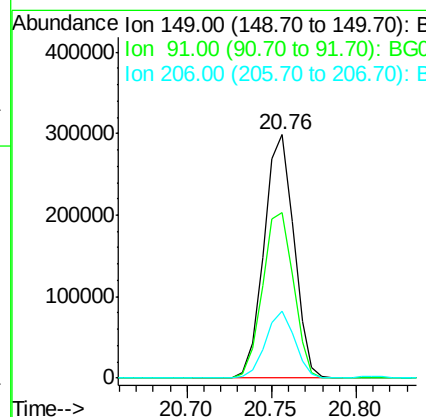
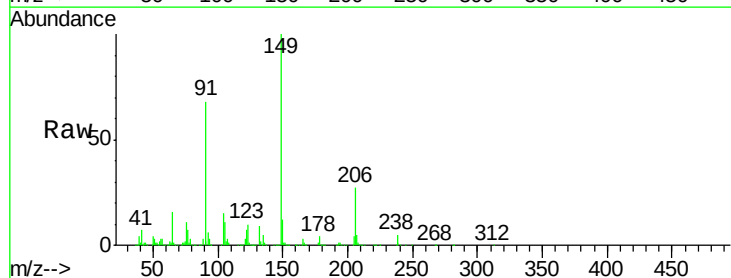
RT: 20.76 min Scan# 3007

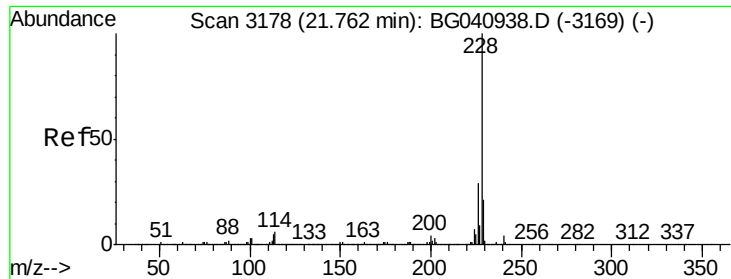
Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.0  | 54.4  | 81.6  |
| 206     | 27.4  | 22.2  | 33.2  |





#81

Benzo(a)anthracene

Concen: 44.897 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

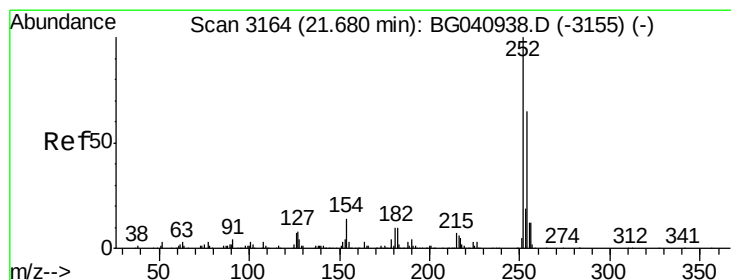
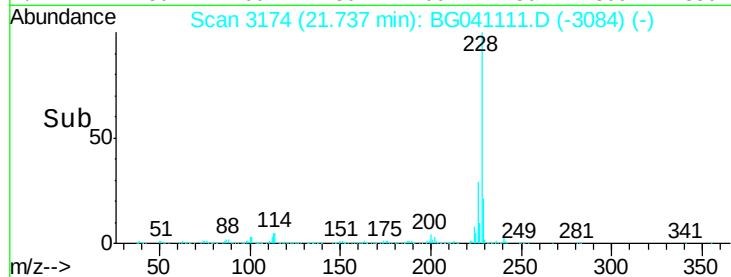
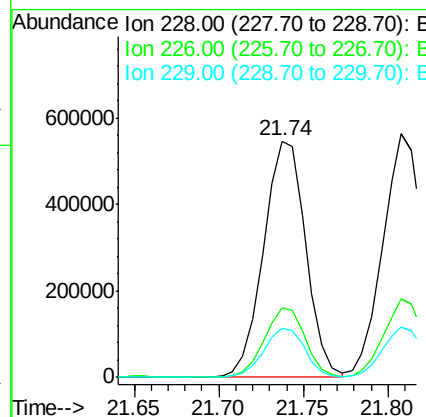
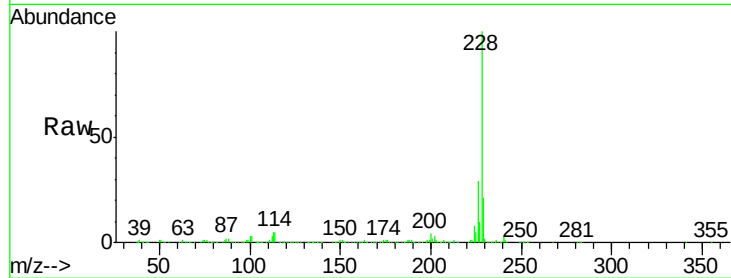
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 945366 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.4  | 22.2  | 33.4   |
| 229       | 20.9  | 16.6  | 25.0   |

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#82

3,3'-Dichlorobenzidine

Concen: 29.759 ng

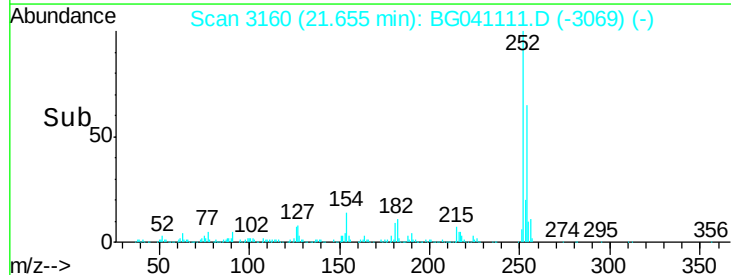
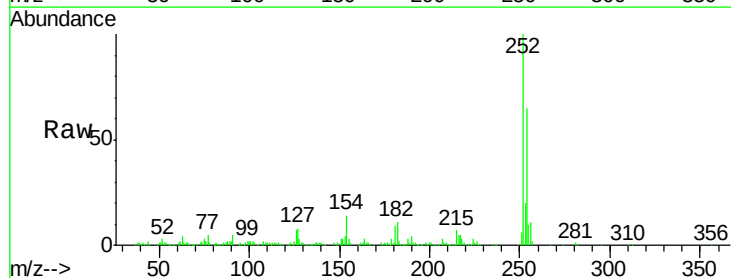
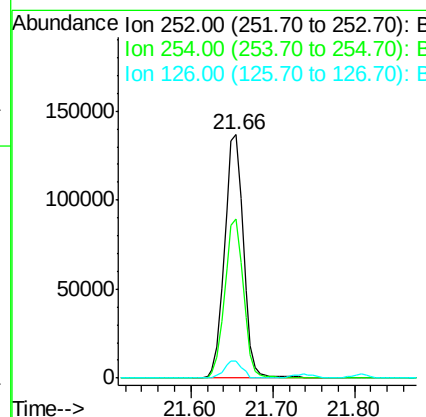
RT: 21.66 min Scan# 3160

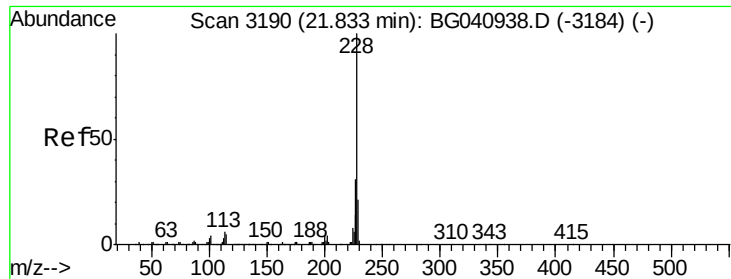
Delta R.T. 0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 220397 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 65.4  | 52.3  | 78.5   |
| 126       | 6.8   | 6.2   | 9.2    |





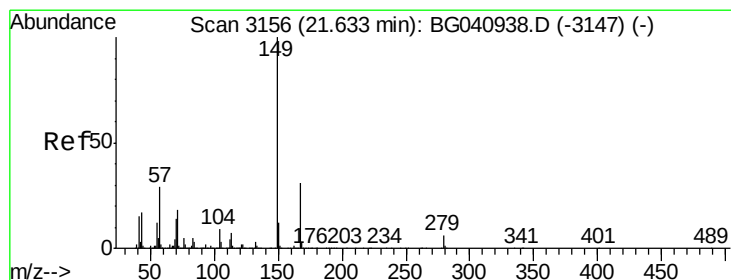
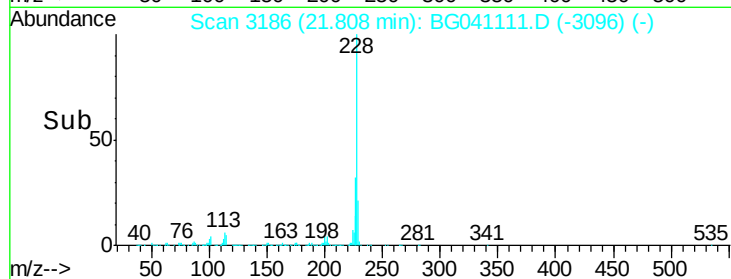
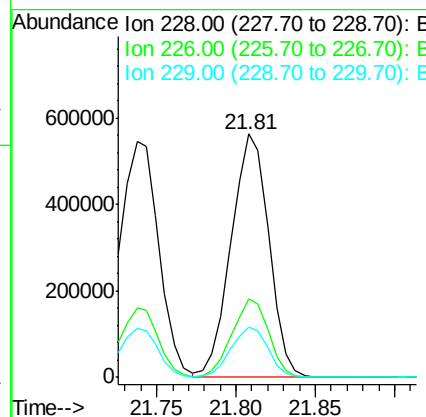
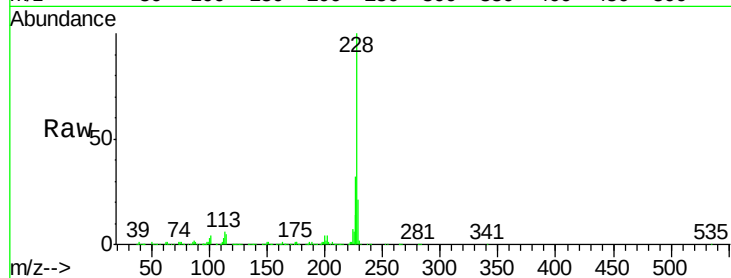
#83  
 Chrysene  
 Concen: 45.935 ng  
 RT: 21.81 min Scan# 3186  
 Delta R.T. -0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 925605 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.2  | 25.8  | 38.6   |
| 229       | 20.7  | 17.0  | 25.4   |

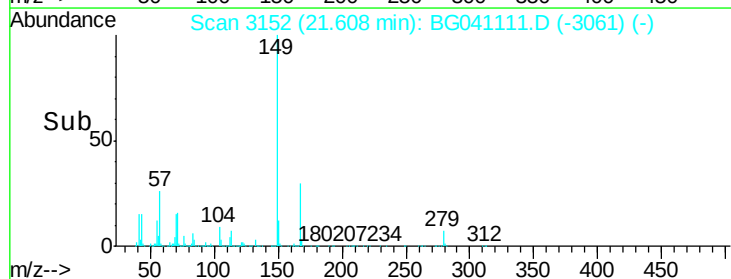
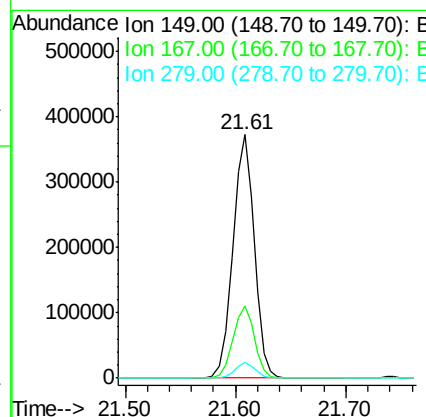
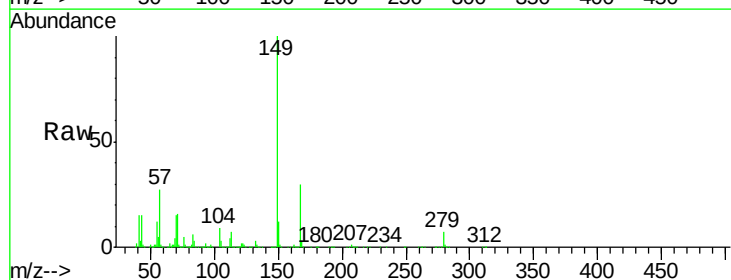
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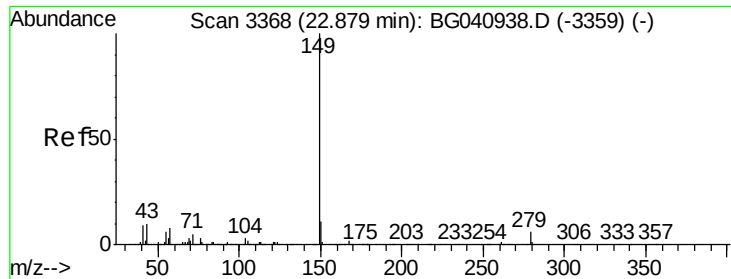
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.840 ng  
 RT: 21.61 min Scan# 3152  
 Delta R.T. 0.00 min  
 Lab File: BG041111.D  
 Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 505120 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 29.8  | 24.4  | 36.6   |
| 279       | 6.7   | 4.9   | 7.3    |





#85

Di-n-octyl phthalate

Concen: 45.763 ng

RT: 22.85 min Scan# 3363

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

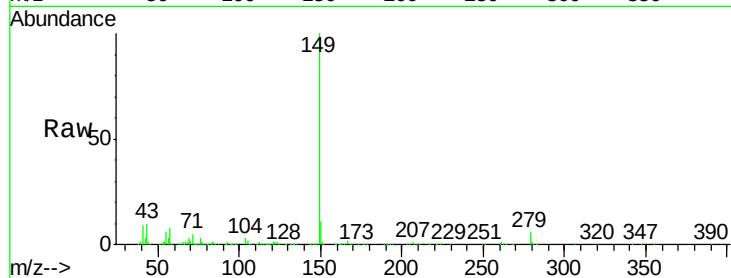
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 858569 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.9   | 1.4   | 2.0    |
| 43        | 10.0  | 8.0   | 12.0   |

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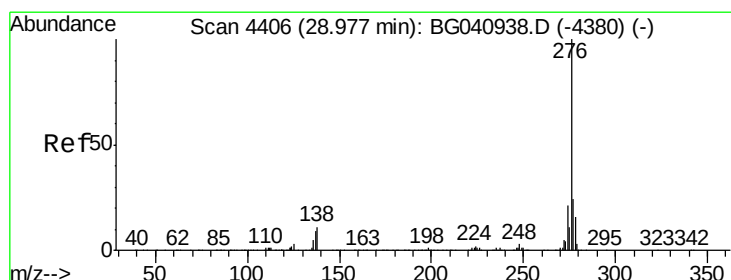
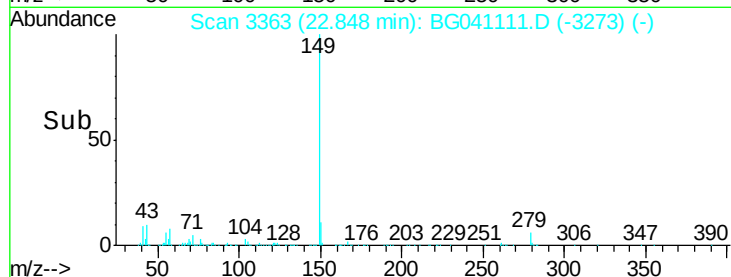
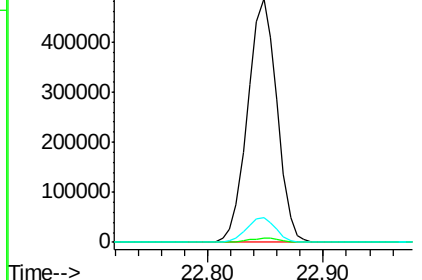
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.703 ng

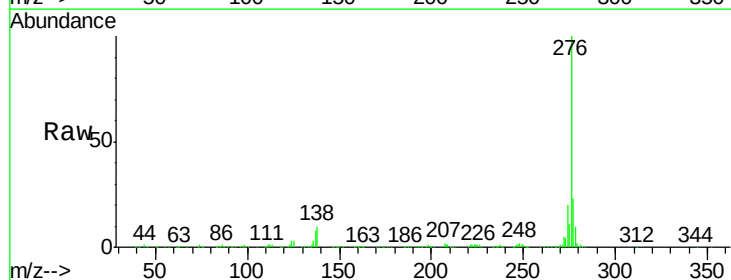
RT: 28.91 min Scan# 4394

Delta R.T. -0.00 min

Lab File: BG041111.D

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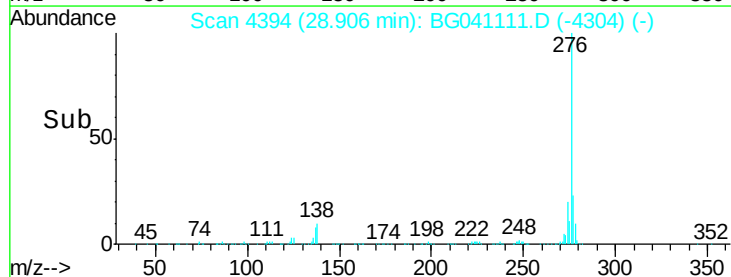
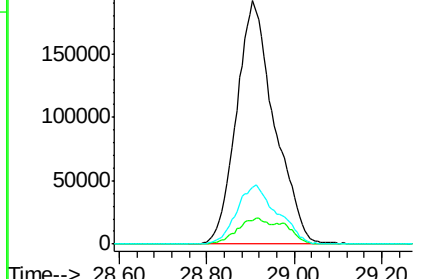
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1128099 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 9.3   | 7.4   | 11.0    |
| 277       | 26.0  | 20.6  | 31.0    |

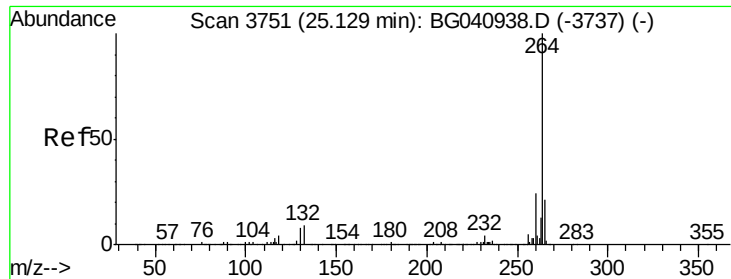


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

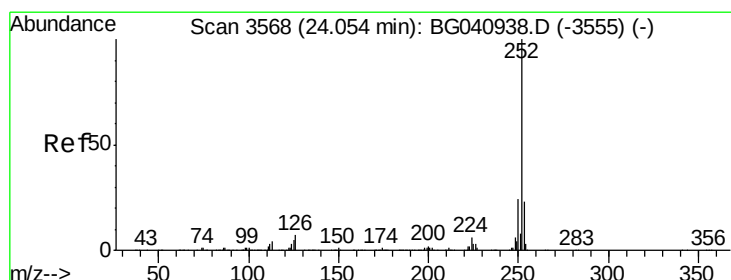
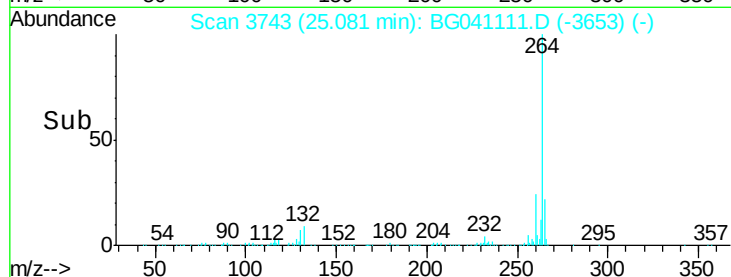
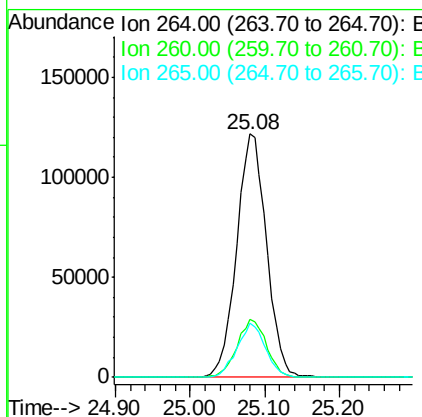
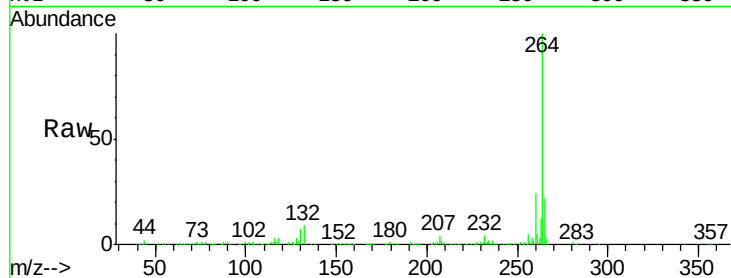
ClientSampleId :

PB120405BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 337667 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.7  | 19.1  | 28.7   |
| 265       | 22.2  | 17.6  | 26.4   |

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#88

Benzo(b)fluoranthene

Concen: 46.194 ng

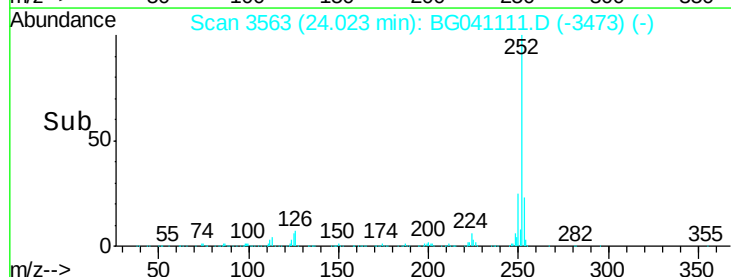
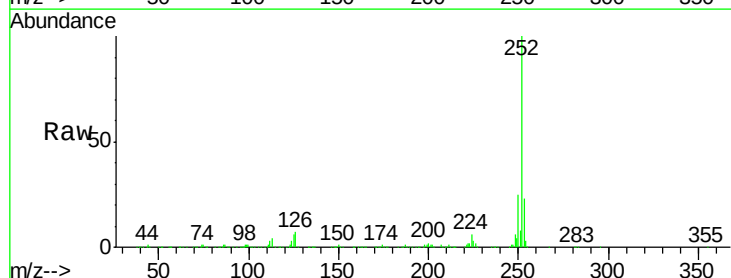
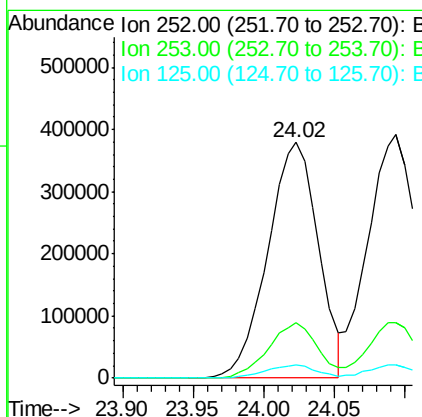
RT: 24.02 min Scan# 3563

Delta R.T. -0.00 min

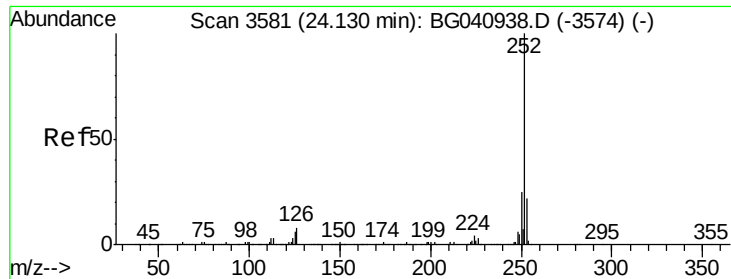
Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 946075 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.3  | 17.8  | 26.6   |
| 125       | 5.5   | 4.1   | 6.1    |







#89

Benzo(k)fluoranthene

Concen: 46.302 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.00 min

Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

Instrument :

BNA\_G

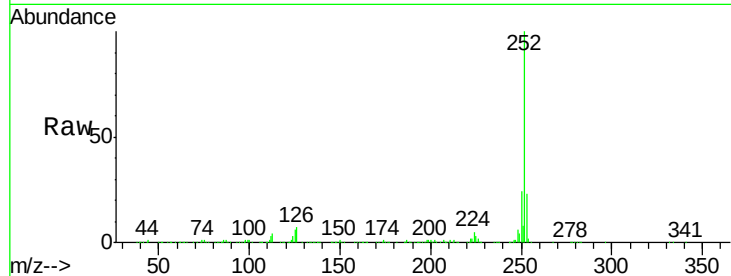
ClientSampleId :

PB120405BS

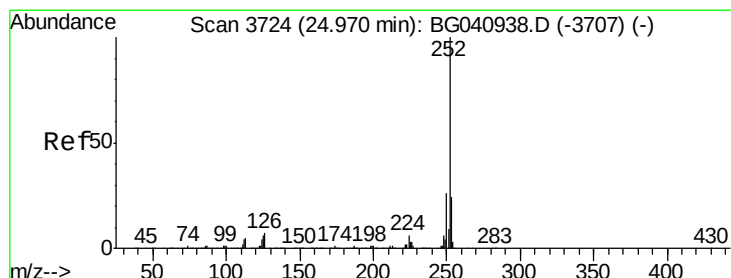
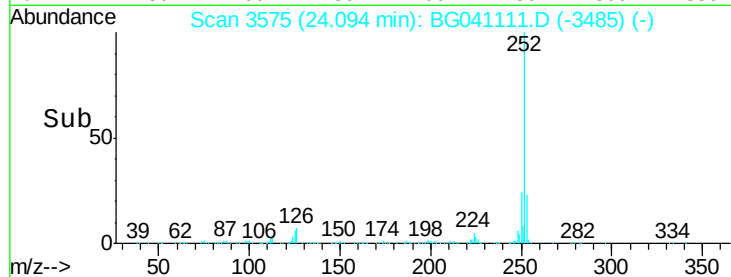
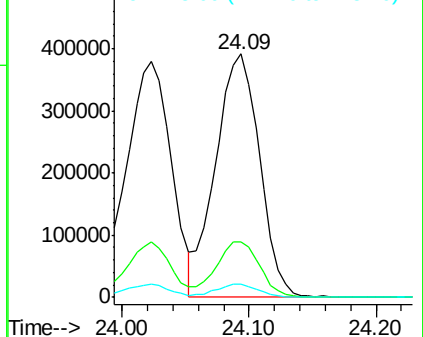
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 938403 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.9  | 18.6  | 27.8   |
| 125       | 5.5   | 4.1   | 6.1    |

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



#90

Benzo(a)pyrene

Concen: 48.084 ng

RT: 24.93 min Scan# 3717

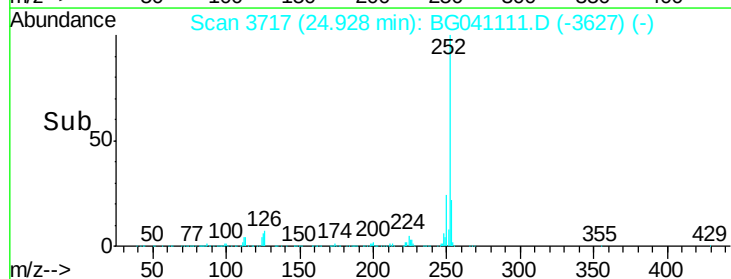
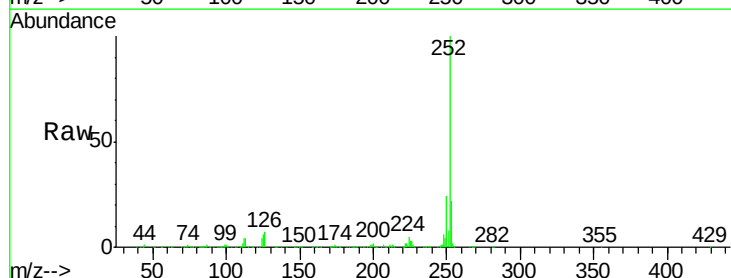
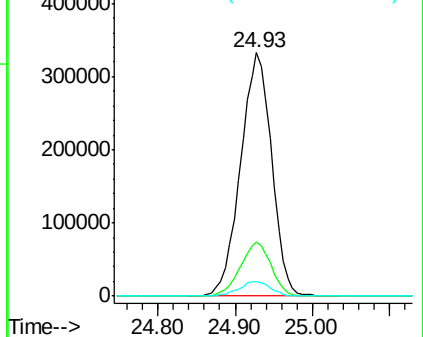
Delta R.T. -0.00 min

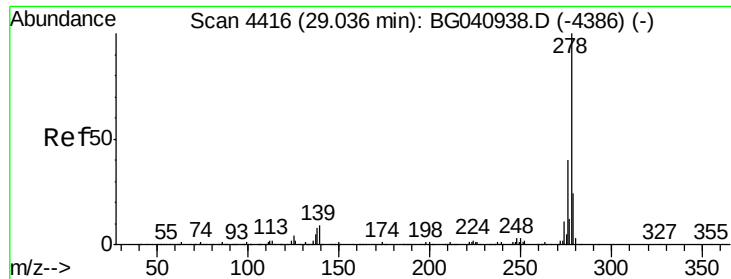
Lab File: BG041111.D

Acq: 7 Jun 2019 23:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 939565 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 17.8  | 26.6   |
| 125       | 5.9   | 4.7   | 7.1    |

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





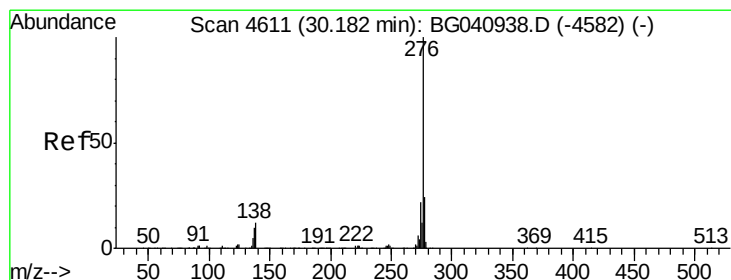
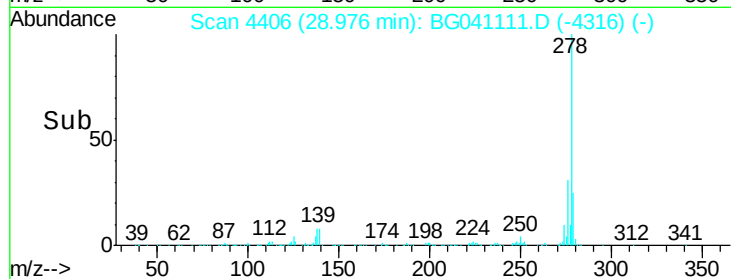
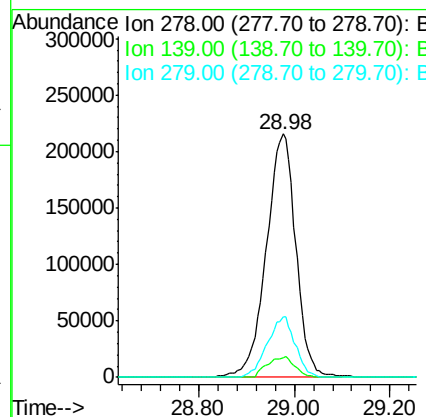
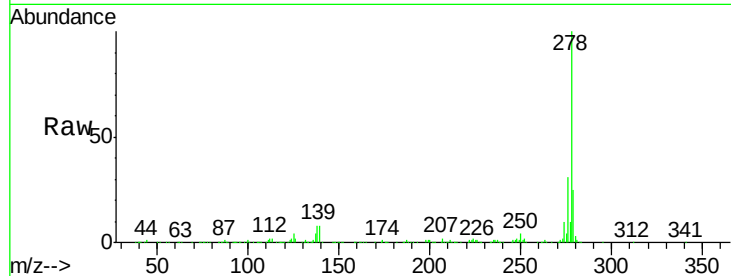
#91  
Dibenzo(a,h)anthracene  
Concen: 47.187 ng  
RT: 28.98 min Scan# 4406  
Delta R.T. -0.00 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

Instrument :  
BNA\_G  
ClientSampleId :  
PB120405BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 7.8   | 7.0   | 10.6  |
| 279     | 24.7  | 19.4  | 29.2  |

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#92  
Benzo(g,h,i)perylene  
Concen: 49.079 ng  
RT: 30.12 min Scan# 4601  
Delta R.T. 0.01 min  
Lab File: BG041111.D  
Acq: 7 Jun 2019 23:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.7  | 28.1  |
| 138     | 11.0  | 9.1   | 13.7  |

