

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\  
 Data File : BG045605.D  
 Acq On : 4 Jun 2020 14:54  
 Operator : CG/JU  
 Sample : PB129255BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

Manual Integrations  
 APPROVED

mohammad  
 6/5/2020 10:29:59 AM

Quant Time: Jun 04 17:38:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 51603    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 226097   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.60 | 164  | 175012   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.34 | 188  | 430534   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.60 | 240  | 378272   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.75 | 264  | 412782   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.54  | 112 | 425528  | 161.15 | ng | 0.00 |
| 7) Phenol-d6                | 7.15  | 99  | 624111  | 166.07 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.11  | 82  | 399487  | 96.35  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.09 | 330 | 328159  | 146.62 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.21 | 172 | 977524  | 94.74  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.96 | 244 | 1672537 | 103.12 | ng | 0.00 |

|                                |       |     |         |        |    |      |
|--------------------------------|-------|-----|---------|--------|----|------|
| Target Compounds               |       |     |         | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.40  | 88  | 50848   | 38.833 | ng | # 97 |
| 3) Pyridine                    | 3.80  | 79  | 116991  | 32.081 | ng | 94   |
| 4) n-Nitrosodimethylamine      | 3.71  | 42  | 57117   | 47.864 | ng | 91   |
| 6) Aniline                     | 7.28  | 93  | 206071  | 42.004 | ng | 99   |
| 8) 2-Chlorophenol              | 7.52  | 128 | 156257  | 53.963 | ng | 99   |
| 9) Benzaldehyde                | 7.08  | 77  | 94450   | 38.574 | ng | 96   |
| 10) Phenol                     | 7.17  | 94  | 214891  | 55.479 | ng | 99   |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 144588  | 47.858 | ng | 98   |
| 12) 1,3-Dichlorobenzene        | 7.84  | 146 | 161317  | 46.359 | ng | 100  |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 162082  | 47.199 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 154977  | 46.922 | ng | 96   |
| 15) Benzyl Alcohol             | 8.20  | 79  | 171468  | 55.230 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 136578  | 47.624 | ng | 97   |
| 17) 2-Methylphenol             | 8.42  | 107 | 150395  | 51.875 | ng | 97   |
| 18) Hexachloroethane           | 9.04  | 117 | 63389   | 48.197 | ng | 95   |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 138911  | 53.451 | ng | 98   |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 205084  | 51.947 | ng | # 88 |
| 22) Acetophenone               | 8.77  | 105 | 250333  | 46.715 | ng | 97   |
| 24) Nitrobenzene               | 9.16  | 77  | 205635  | 46.291 | ng | 97   |
| 25) Isophorone                 | 9.68  | 82  | 389528  | 47.705 | ng | 96   |
| 26) 2-Nitrophenol              | 9.87  | 139 | 94600   | 49.782 | ng | 92   |
| 27) 2,4-Dimethylphenol         | 9.94  | 122 | 162747  | 57.744 | ng | 97   |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 210897  | 49.250 | ng | 94   |
| 29) 2,4-Dichlorophenol         | 10.42 | 162 | 176356  | 52.988 | ng | 99   |
| 30) 1,2,4-Trichlorobenzene     | 10.62 | 180 | 183361  | 46.624 | ng | 99   |
| 31) Naphthalene                | 10.81 | 128 | 500695  | 47.522 | ng | 100  |
| 32) Benzoic acid               | 10.12 | 122 | 97495   | 50.264 | ng | 96   |
| 33) 4-Chloroaniline            | 10.92 | 127 | 131786  | 29.924 | ng | 97   |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 124128  | 44.651 | ng | 98   |
| 35) Caprolactam                | 11.69 | 113 | 66418m  | 54.368 | ng |      |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107 | 211532  | 56.403 | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.42 | 142 | 397122  | 50.570 | ng | 99   |
| 38) 1-Methylnaphthalene        | 12.64 | 142 | 375124m | 50.569 | ng |      |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 226183  | 46.270 | ng | 99   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\  
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 Sample : PB129255BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

Manual Integrations  
 APPROVED

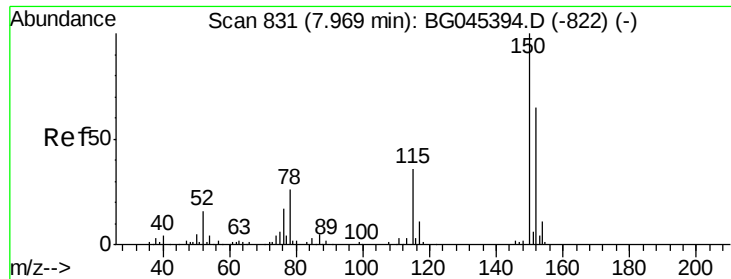
mohammad  
 6/5/2020 10:29:59 AM

Quant Time: Jun 04 17:38:09 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.77 | 237  | 284451   | 100.816 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.04 | 196  | 165452   | 48.723  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.12 | 196  | 175176   | 45.143  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.43 | 154  | 520665   | 48.417  | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.47 | 162  | 391136   | 44.791  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.67 | 65   | 133874   | 46.606  | nq    | 93       |
| 49) Acenaphthylene             | 14.32 | 152  | 674744   | 48.105  | nq    | 98       |
| 50) Dimethylphthalate          | 14.05 | 163  | 569464   | 47.433  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.17 | 165  | 129134   | 47.667  | nq    | 99       |
| 52) Acenaphthene               | 14.66 | 154  | 499783m  | 53.231  | nq    |          |
| 53) 3-Nitroaniline             | 14.51 | 138  | 86483    | 31.404  | nq    | 96       |
| 54) 2,4-Dinitrophenol          | 14.71 | 184  | 158127   | 88.483  | nq    | 98       |
| 55) Dibenzofuran               | 14.99 | 168  | 659520   | 47.302  | nq    | 98       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 187271   | 89.819  | nq    | 92       |
| 57) 2,4-Dinitrotoluene         | 14.96 | 165  | 185360   | 47.244  | nq    | 97       |
| 58) Fluorene                   | 15.65 | 166  | 544986   | 47.577  | nq    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.24 | 232  | 165466   | 48.468  | nq    | 98       |
| 60) Diethylphthalate           | 15.42 | 149  | 597597   | 47.823  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.64 | 204  | 311016   | 47.448  | nq    | 98       |
| 62) 4-Nitroaniline             | 15.68 | 138  | 131613   | 45.779  | nq    | 93       |
| 63) Azobenzene                 | 15.93 | 77   | 560851   | 48.134  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.73 | 198  | 122757   | 48.957  | nq    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.86 | 169  | 502775   | 48.638  | nq    | 95       |
| 67) 4-Bromophenyl-phenylether  | 16.53 | 248  | 216862   | 46.517  | nq    | 96       |
| 68) Hexachlorobenzene          | 16.66 | 284  | 232562   | 47.695  | nq    | 97       |
| 69) Atrazine                   | 16.80 | 200  | 194829   | 45.759  | nq    | 98       |
| 70) Pentachlorophenol          | 17.01 | 266  | 241108   | 95.230  | nq    | 97       |
| 71) Phenanthrene               | 17.39 | 178  | 896318   | 47.689  | nq    | 98       |
| 72) Anthracene                 | 17.48 | 178  | 915472   | 48.502  | nq    | 98       |
| 73) Carbazole                  | 17.75 | 167  | 843643   | 45.854  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.31 | 149  | 1008955  | 45.690  | nq    | 99       |
| 75) Fluoranthene               | 19.40 | 202  | 1094656  | 45.789  | nq    | 99       |
| 77) Benzidine                  | 19.58 | 184  | 490712   | 46.189  | nq    | 98       |
| 78) Pyrene                     | 19.76 | 202  | 1084046  | 50.273  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.65 | 149  | 433137   | 46.537  | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.59 | 228  | 1033658  | 49.053  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 283336   | 34.278  | nq    | 97       |
| 83) Chrysene                   | 21.65 | 228  | 976701   | 48.204  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 608036   | 47.525  | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.68 | 149  | 1026498  | 46.714  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.34 | 276  | 1272880  | 48.041  | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.76 | 252  | 1074834  | 48.552  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.82 | 252  | 1067236  | 51.314  | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.61 | 252  | 994356   | 48.228  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.39 | 278  | 1039810  | 50.187  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.45 | 276  | 1055186  | 50.923  | nq    | 97       |

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





#1

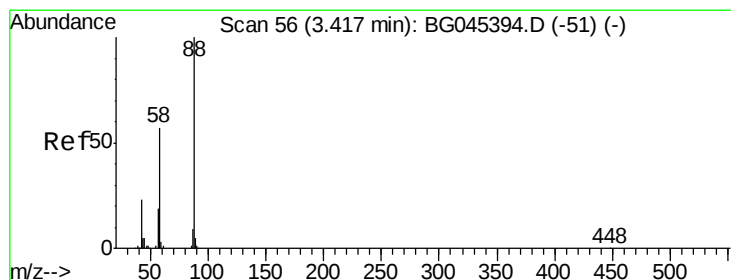
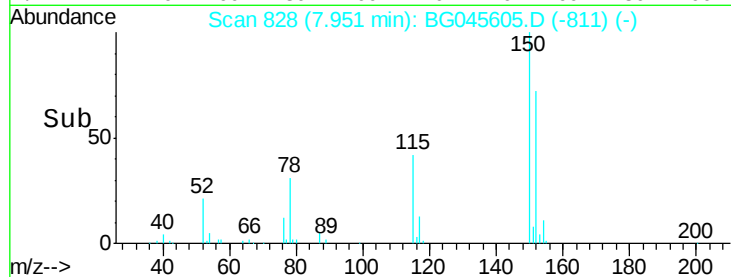
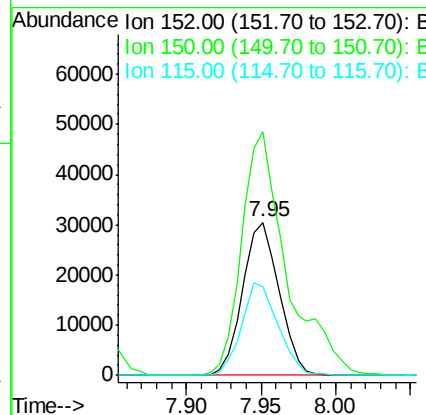
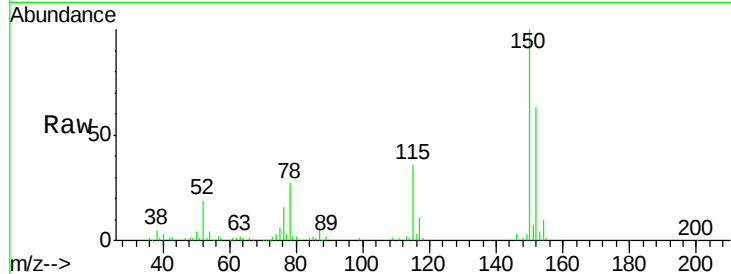
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.95 min Scan# 828  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.2 | 122.4 | 183.6 |
| 115     | 57.8  | 44.2  | 66.4  |

Manual Integrations  
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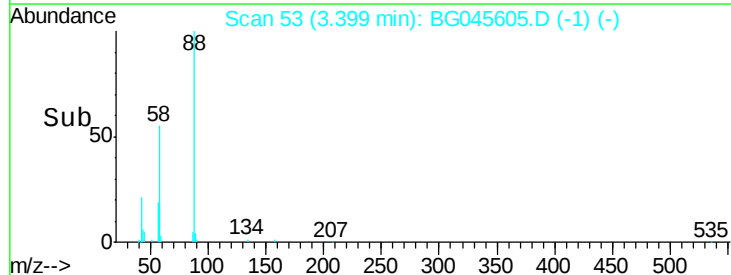
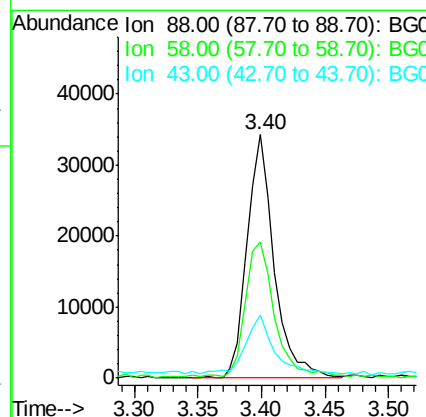
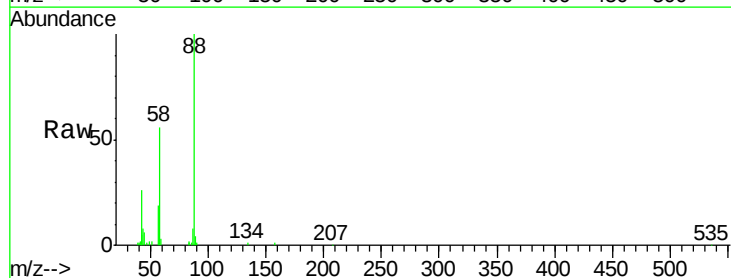
mohammad  
6/5/2020 10:29:59 AM

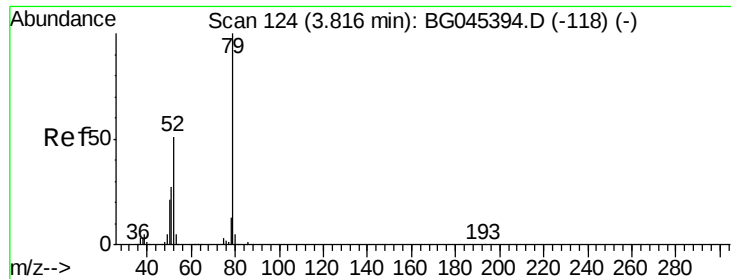


#2

1,4-Dioxane  
Concen: 38.833 ng  
RT: 3.40 min Scan# 53  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 57.4  | 45.7  | 68.5  |
| 43      | 26.0  | 16.8  | 25.2  |





#3

Pvridine

Concen: 32.081 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

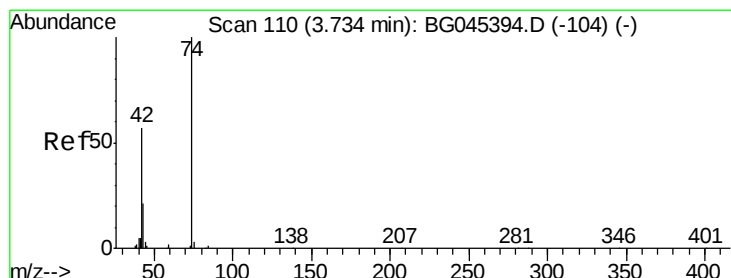
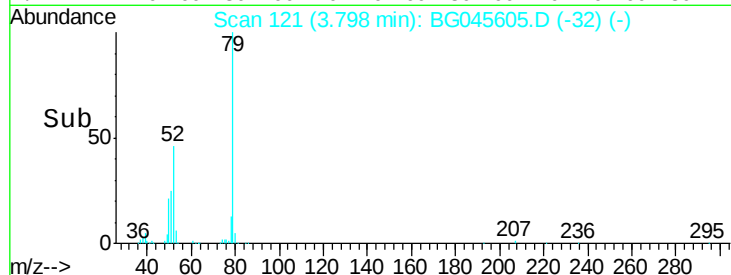
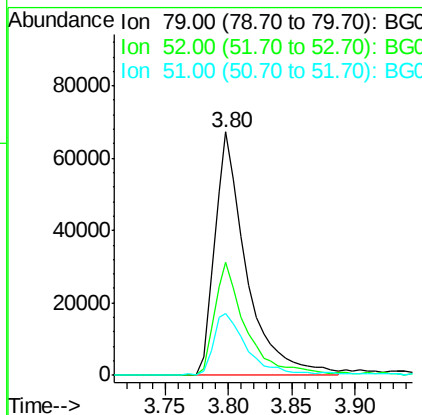
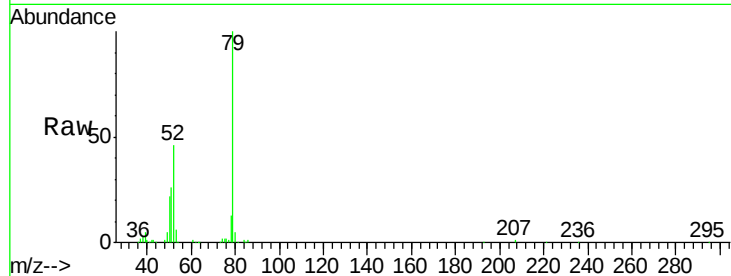
ClientSampleId :

PB129255BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 116991 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 46.3  | 40.8  | 61.2   |
| 51       | 25.7  | 21.9  | 32.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 47.864 ng

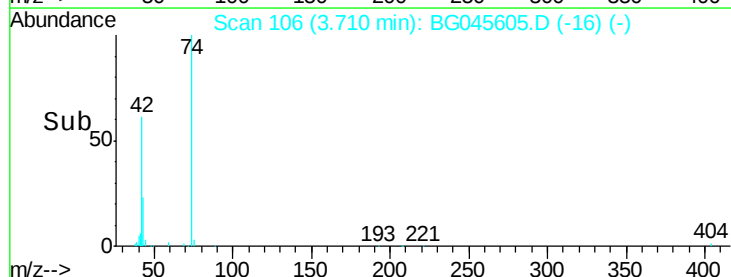
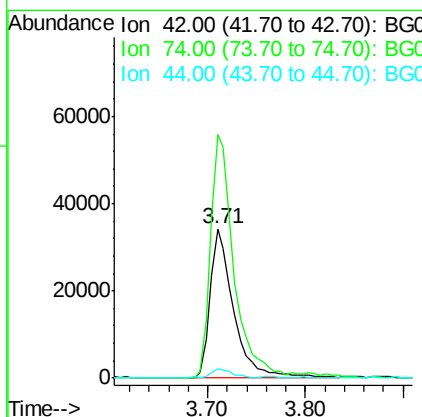
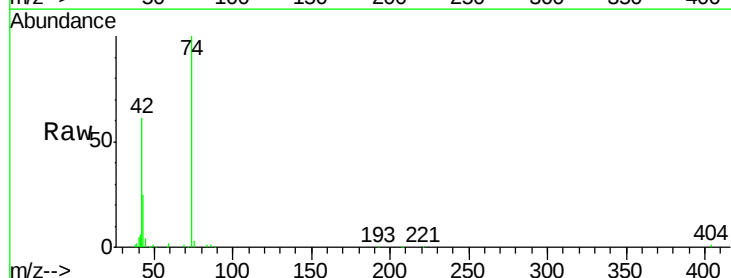
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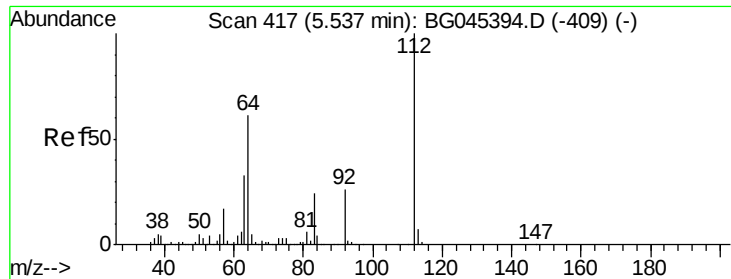
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 57117 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 163.4 | 141.3 | 211.9 |
| 44       | 6.4   | 4.2   | 6.4   |





#5

2-Fluorophenol

Concen: 161.155 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

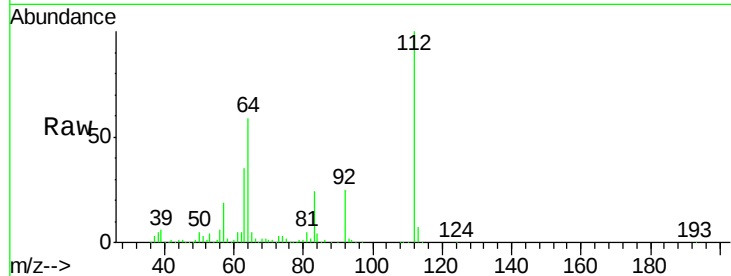
ClientSampleId :

PB129255BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 425528 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.8  | 48.6  | 72.8   |
| 63        | 35.0  | 26.5  | 39.7   |

Manual Integrations  
APPROVED

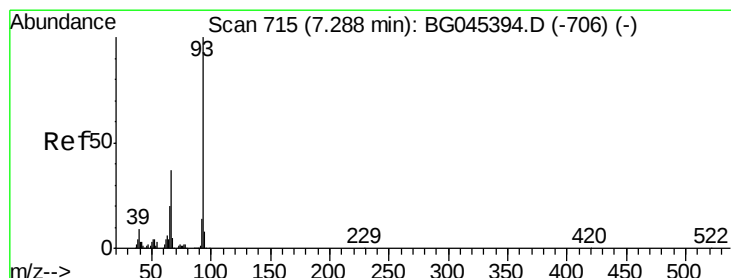
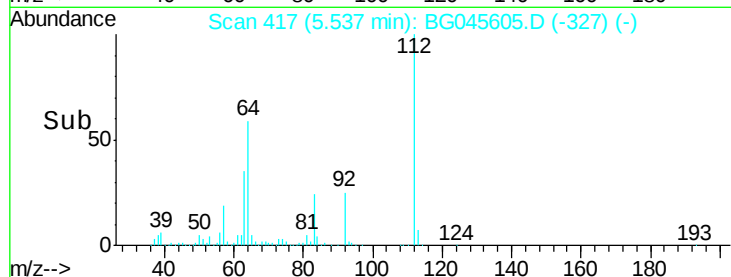
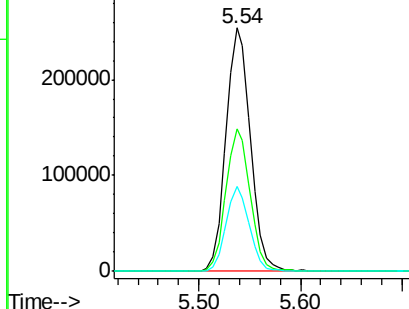
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6/5/2020 10:29:59 AM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 42.004 ng

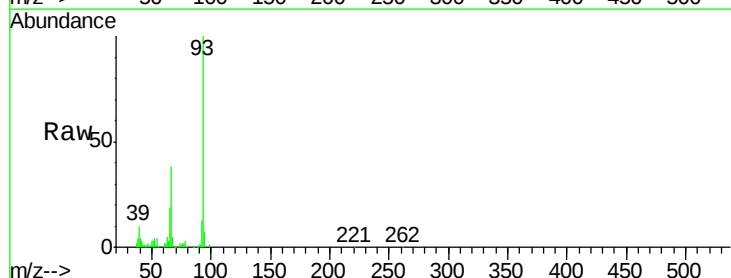
RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

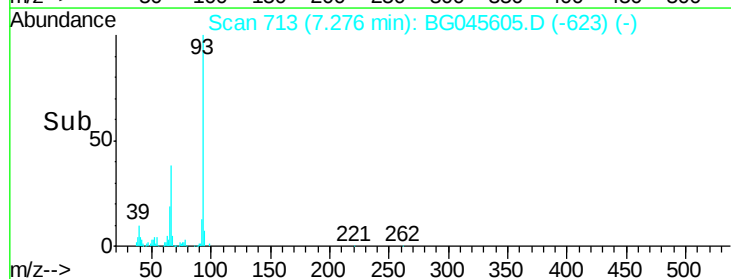
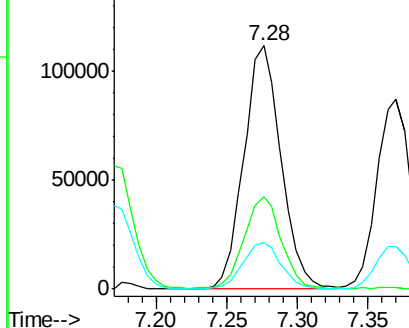
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 206071 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.9  | 29.6  | 44.4   |
| 65        | 19.3  | 15.9  | 23.9   |

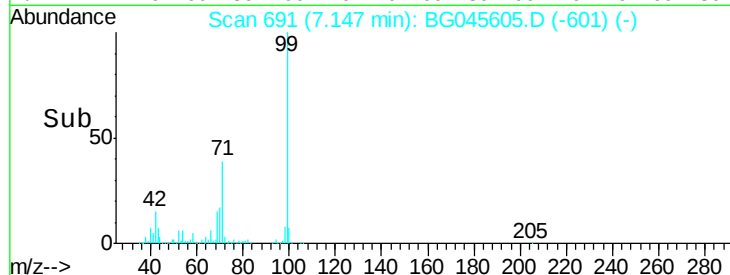
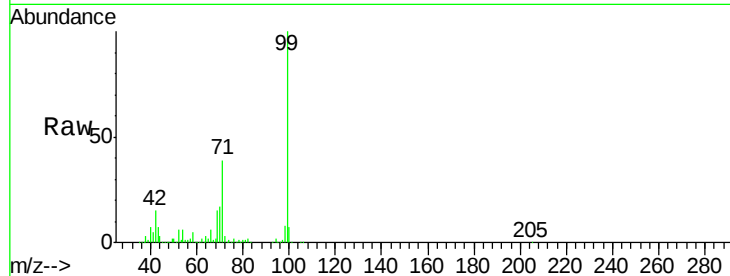


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 166.066 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 624111 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.9  | 11.3  | 16.9   |
| 71        | 38.6  | 30.8  | 46.2   |

Instrument :

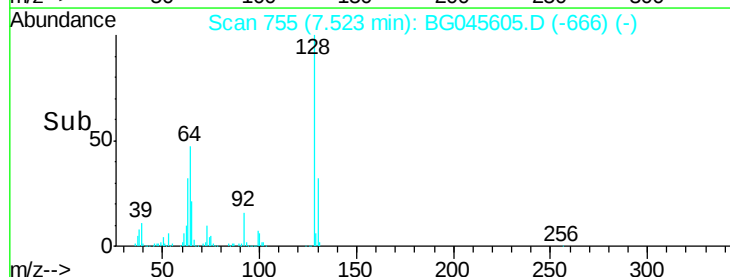
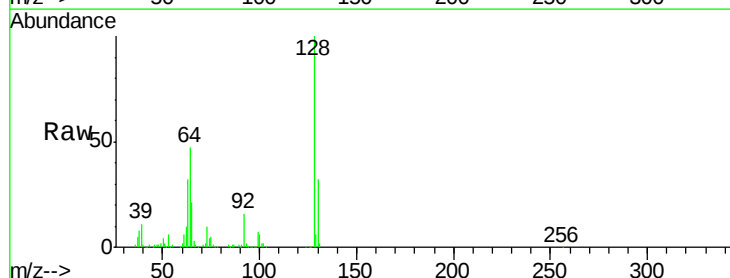
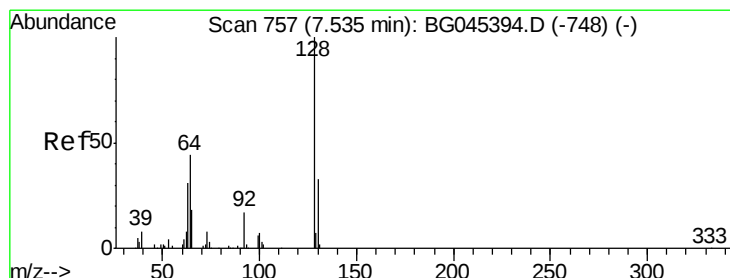
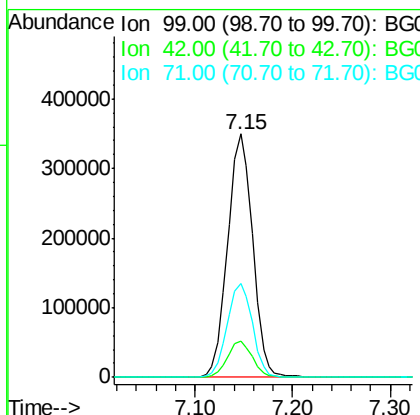
BNA\_G

ClientSampleId :

PB129255BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 53.963 ng

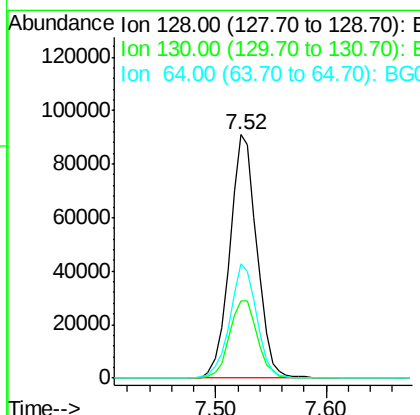
RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 156257 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.7  | 12.6  | 52.6   |
| 64        | 47.2  | 27.0  | 67.0   |





#9

Benzaldehyde

Concen: 38.574 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

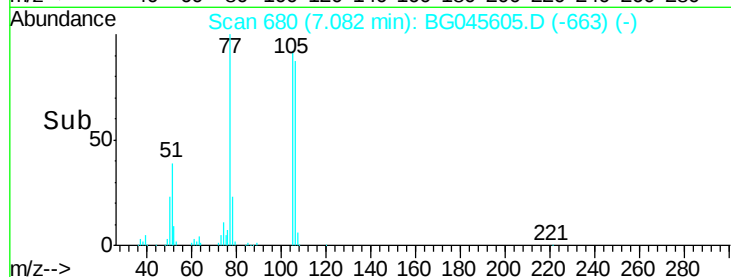
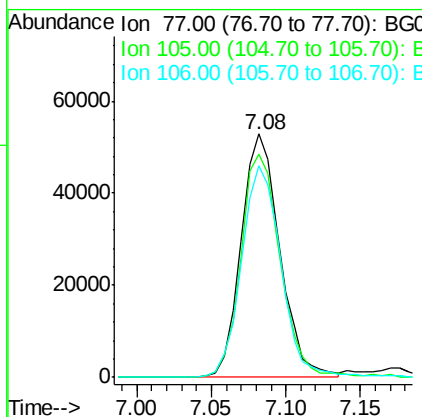
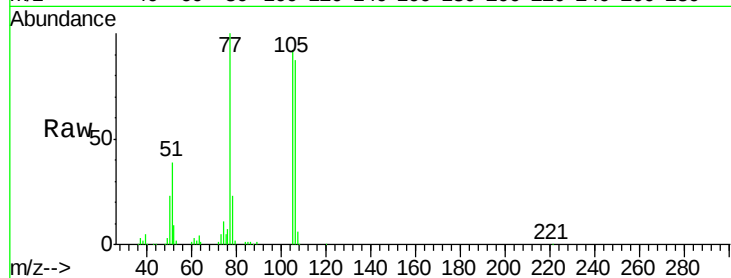
ClientSampleId :

PB129255BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 94450 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 91.9  | 68.5  | 108.5 |
| 106      | 87.0  | 71.6  | 111.6 |

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#10

Phenol

Concen: 55.479 ng

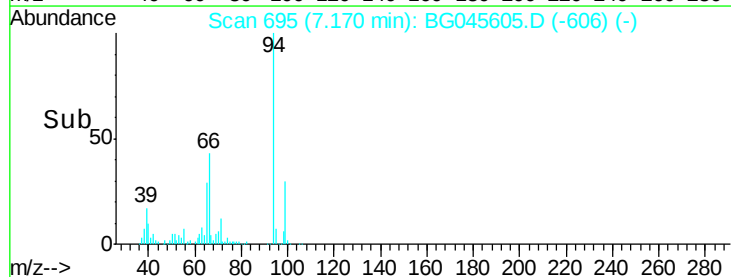
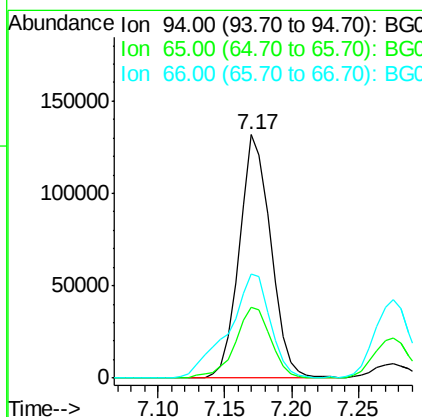
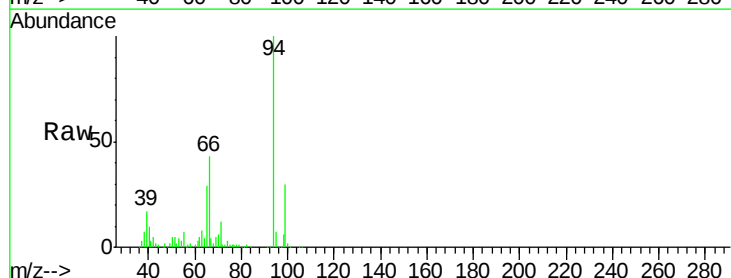
RT: 7.17 min Scan# 695

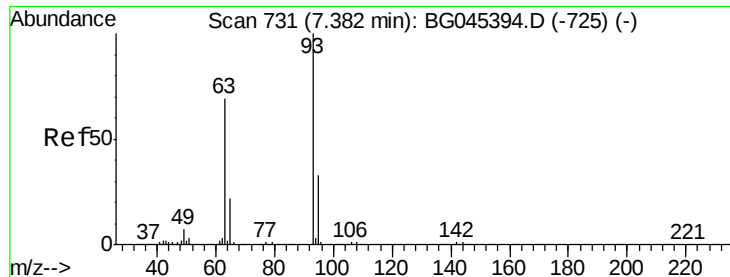
Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 214891 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 29.0  | 9.8   | 49.8   |
| 66       | 42.8  | 22.0  | 62.0   |





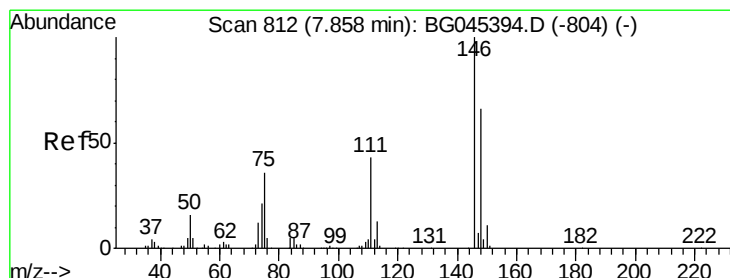
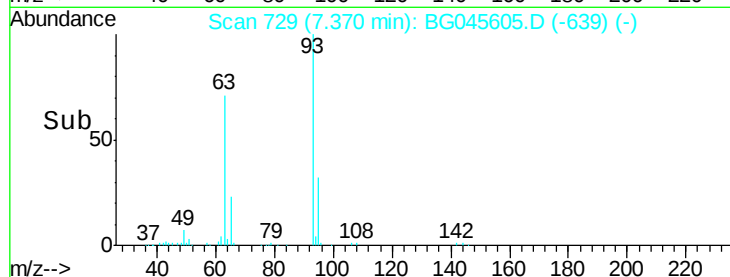
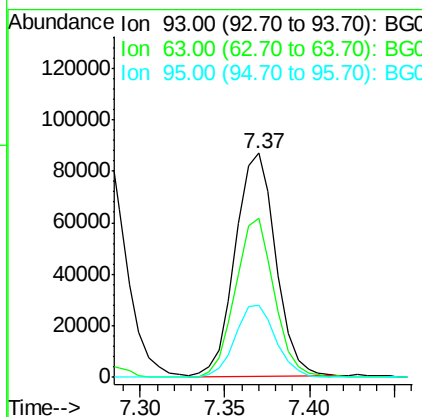
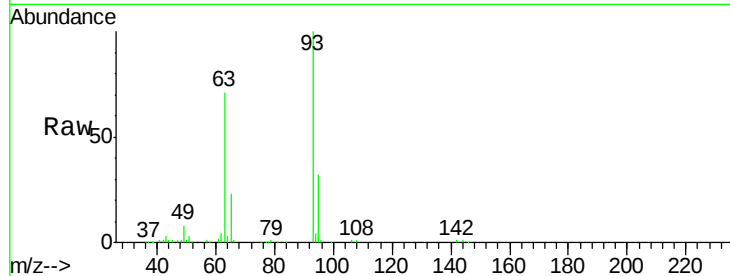
#11  
bis(2-Chloroethyl)ether  
Concen: 47.858 ng  
RT: 7.37 min Scan# 729  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 144588 |       |       |
| 63      | 70.9 | 48.4  |        | 88.4  |       |
| 95      | 32.4 | 12.4  |        | 52.4  |       |

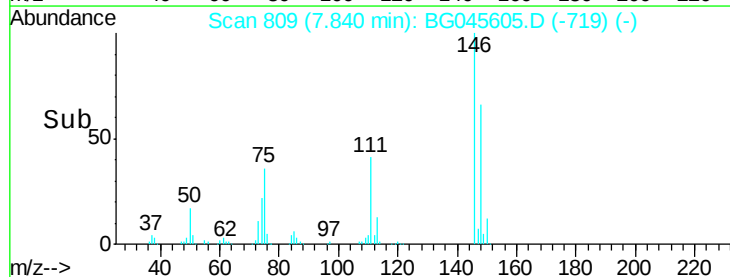
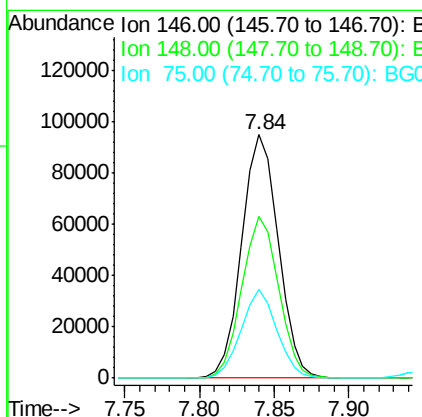
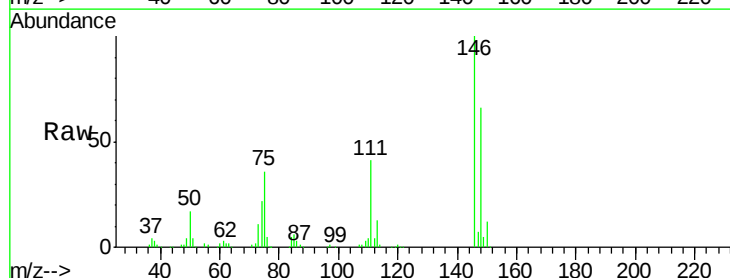
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#12  
1,3-Dichlorobenzene  
Concen: 46.359 ng  
RT: 7.84 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 161317 |       |       |
| 148     | 66.4 | 53.2  |        | 79.8  |       |
| 75      | 36.4 | 28.6  |        | 43.0  |       |





#13

1,4-Dichlorobenzene

Concen: 47.199 ng

RT: 7.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

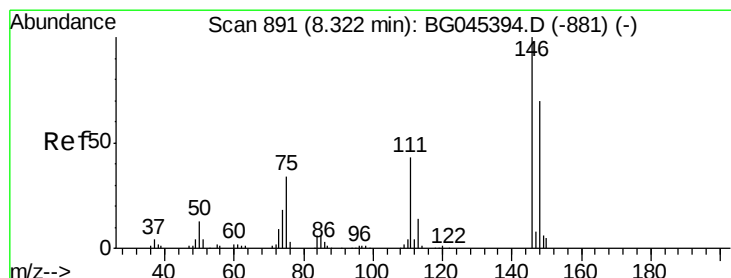
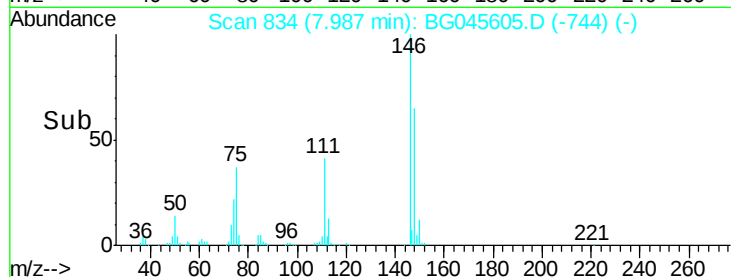
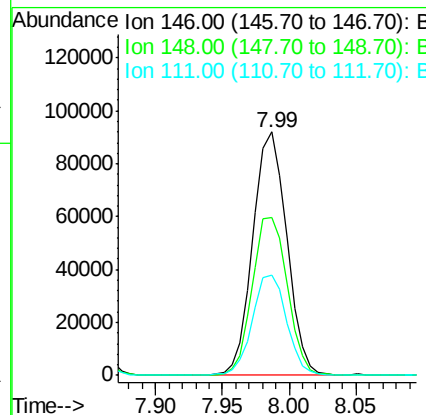
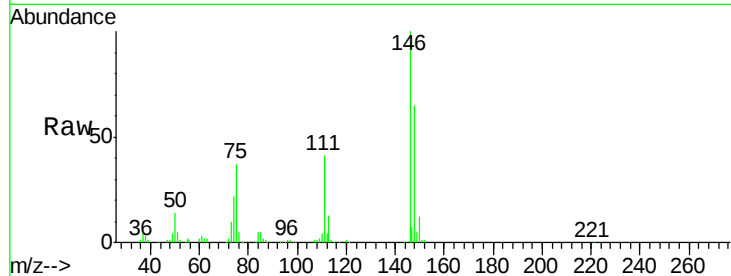
ClientSampleId :

PB129255BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 162082 |       |       |
| 148     | 65.1 | 51.8  | 77.8   |       |       |
| 111     | 41.0 | 32.1  | 48.1   |       |       |

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#14

1,2-Dichlorobenzene

Concen: 46.922 ng

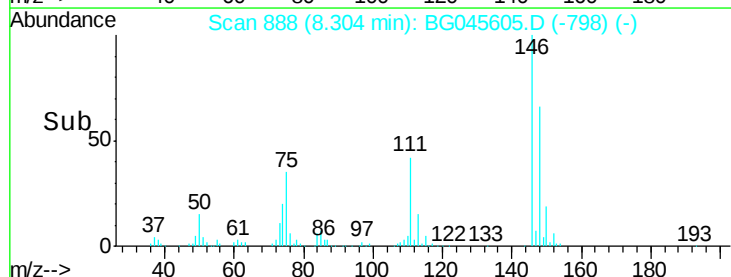
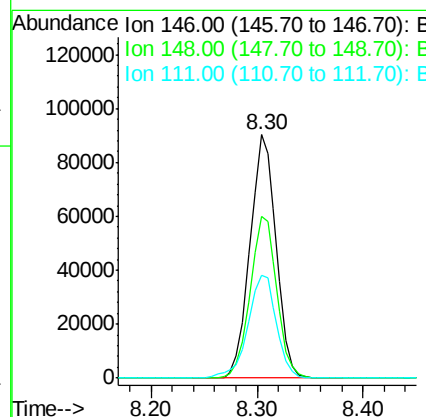
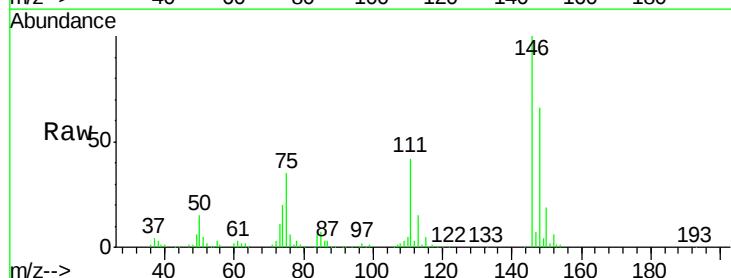
RT: 8.30 min Scan# 888

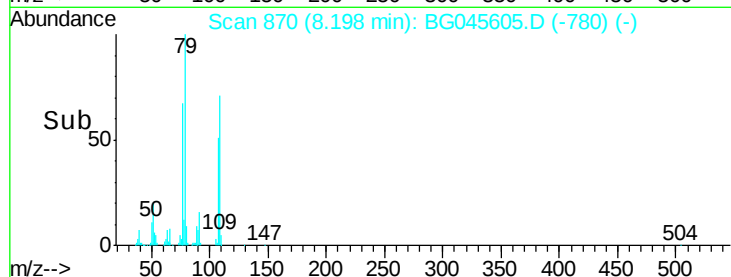
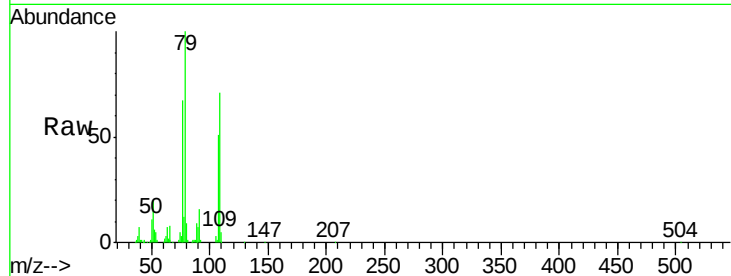
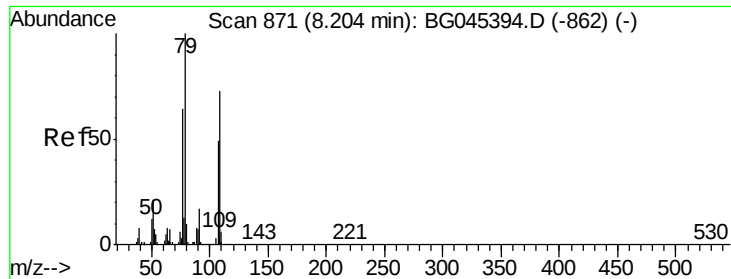
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 154977 |       |       |
| 148     | 66.2 | 55.9  | 83.9   |       |       |
| 111     | 42.3 | 35.0  | 52.4   |       |       |





#15

Benzyl Alcohol

Concen: 55.230 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 171468 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 71.1  | 58.2  | 87.4   |
| 77        | 66.8  | 51.0  | 76.4   |

Instrument :

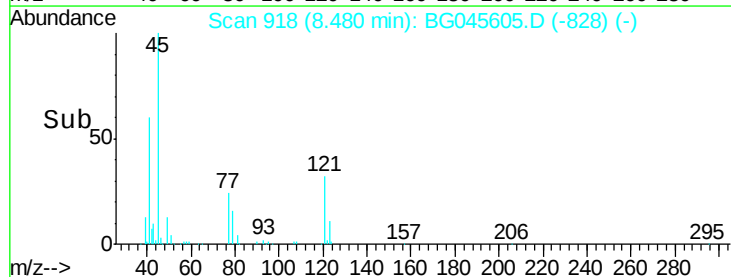
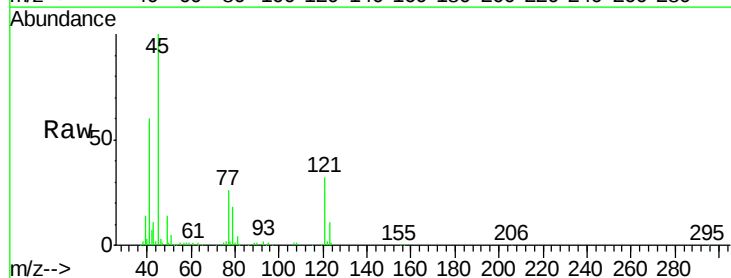
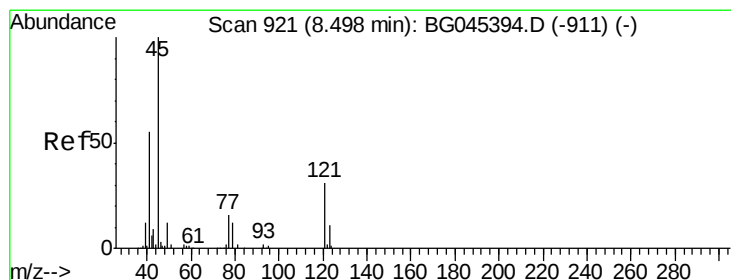
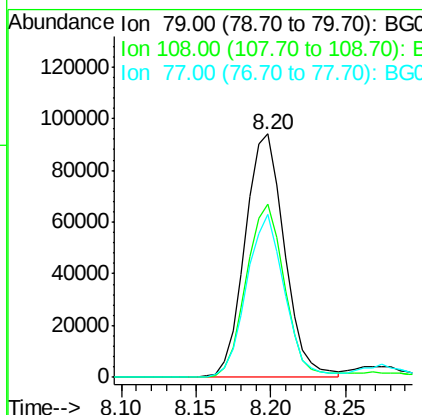
BNA\_G

ClientSampleId :

PB129255BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.624 ng

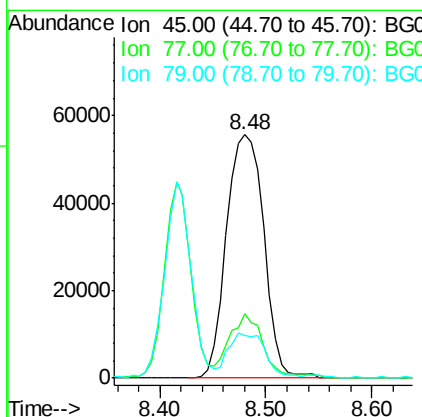
RT: 8.48 min Scan# 918

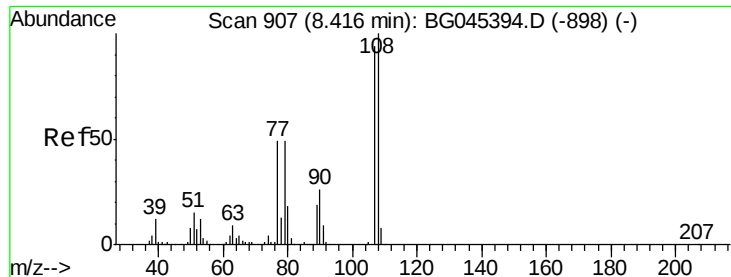
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 136578 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 26.2  | 4.0   | 44.0   |
| 79        | 17.6  | 0.0   | 38.6   |





#17

2-Methylphenol

Concen: 51.875 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

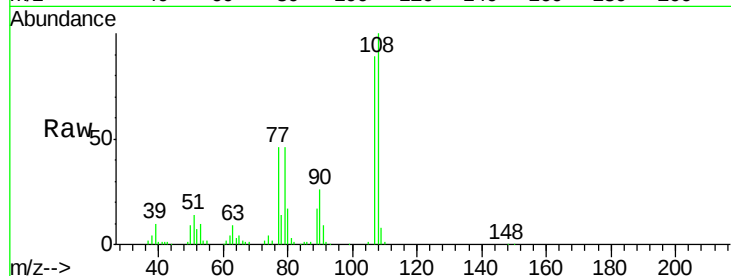
ClientSampleId :

PB129255BS

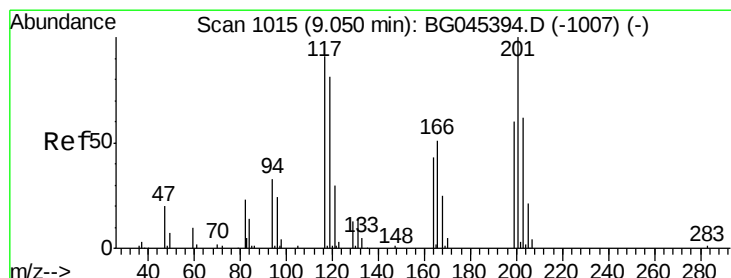
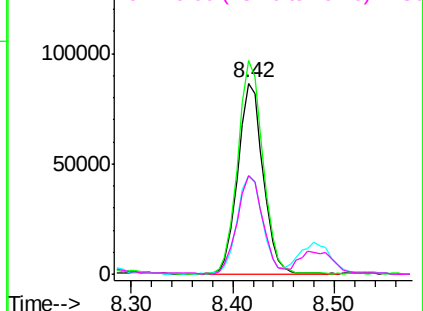
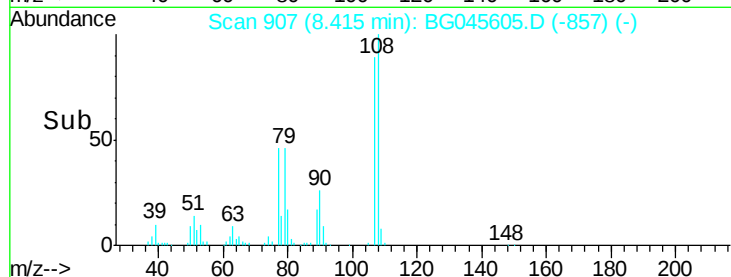
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.9 | 85.2 | 127.8 |       |
| 77      | 52.0  | 41.6 | 62.4  |       |
| 79      | 51.7  | 41.8 | 62.8  |       |

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Abundance Ion 107.00 (106.70 to 107.70): E  
150000 Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.197 ng

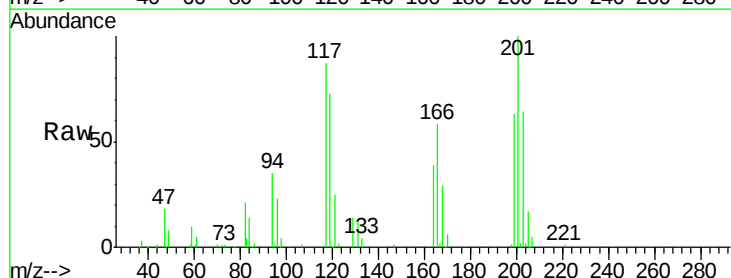
RT: 9.04 min Scan# 1013

Delta R.T. -0.00 min

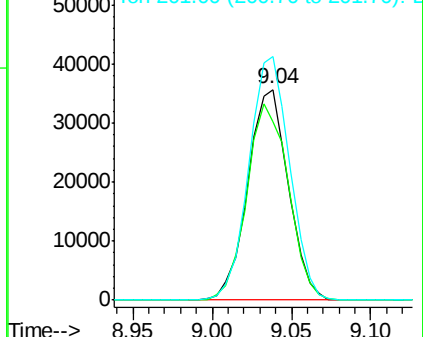
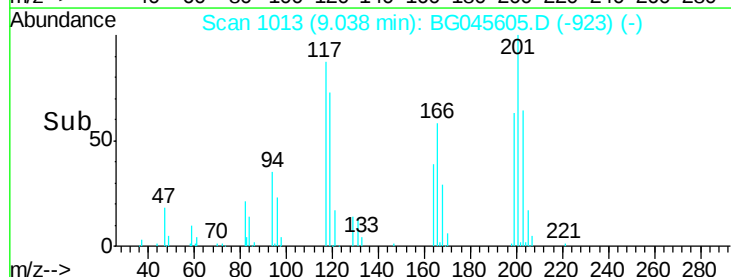
Lab File: BG045605.D

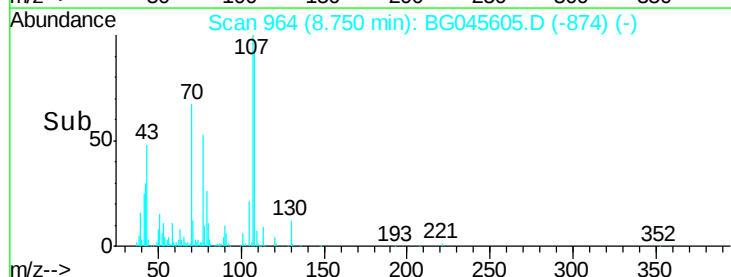
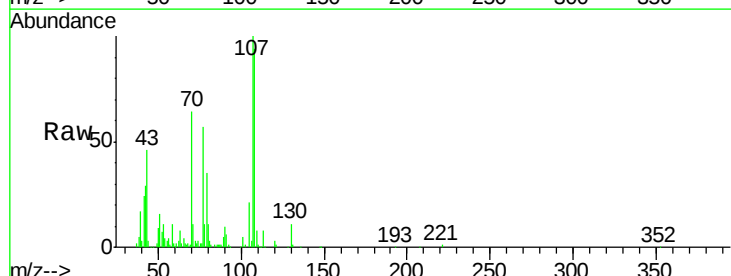
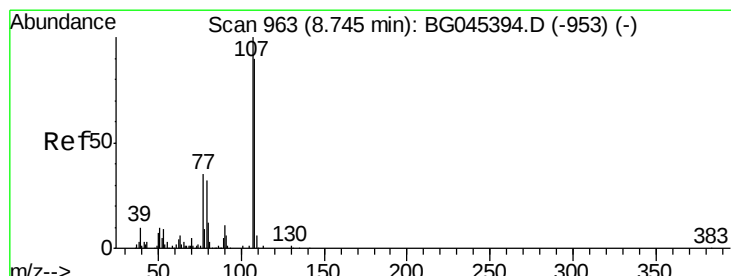
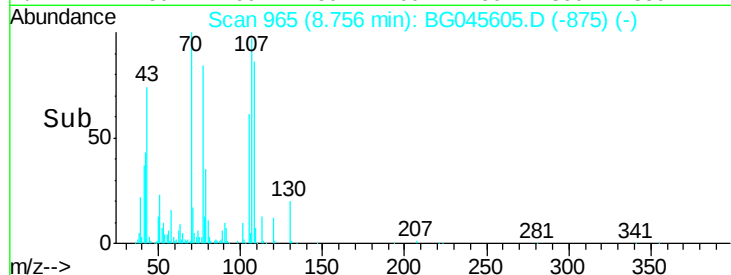
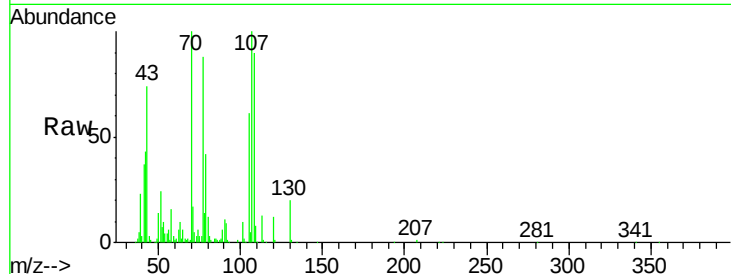
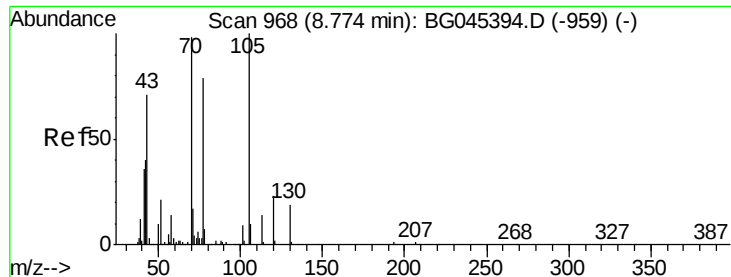
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 84.5  | 71.3 | 106.9 |       |
| 201     | 115.5 | 87.5 | 131.3 |       |



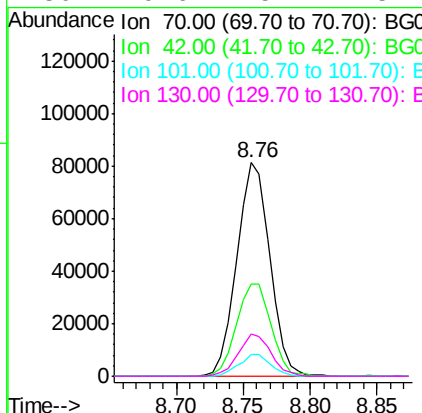
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 53.451 ng  
RT: 8.76 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 43.2 | 33.2  | 49.8  |       |
| 101     | 10.4 | 7.8   | 11.6  |       |
| 130     | 19.6 | 15.4  | 23.2  |       |



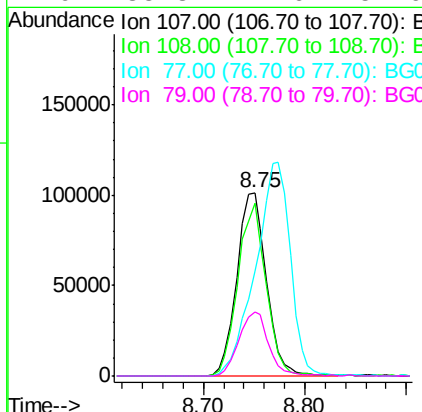
Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

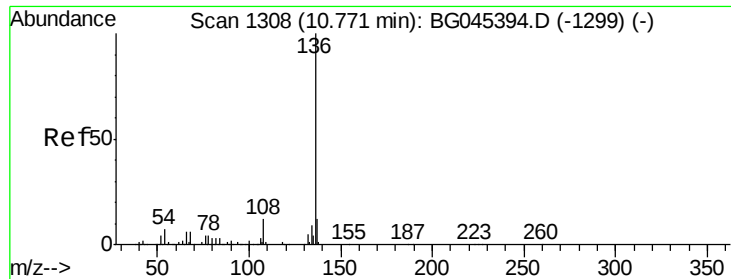
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#20  
3+4-Methylphenols  
Concen: 51.947 ng  
RT: 8.75 min Scan# 964  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 94.0 | 70.3  | 110.3 |       |
| 77      | 57.2 | 15.4  | 55.4# |       |
| 79      | 35.3 | 12.6  | 52.6  |       |





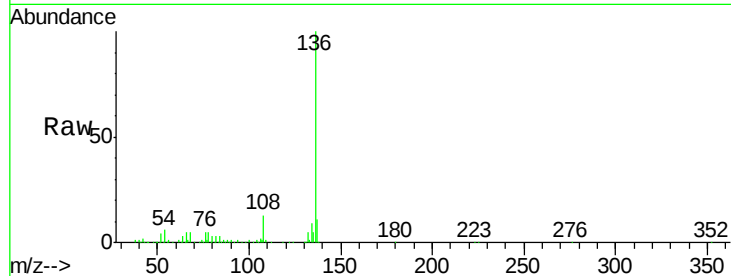
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

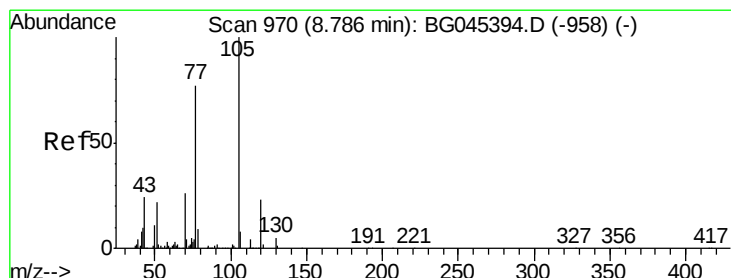
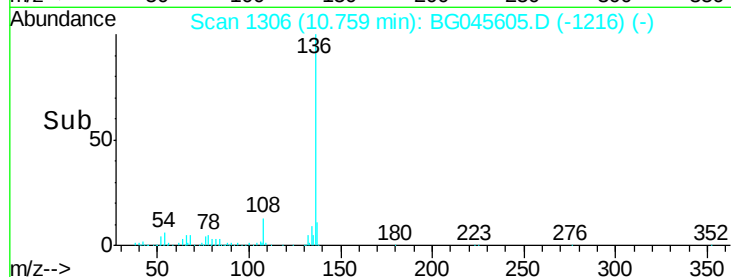
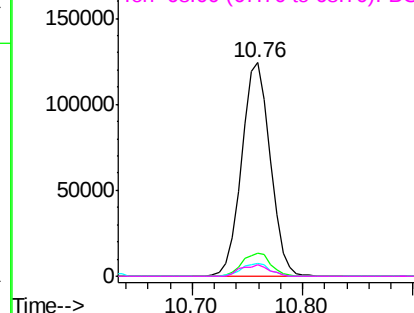
| Tot Ion   | 136   | Resp  | 226097 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 9.4   | 14.2   |
| 54        | 6.3   | 5.8   | 8.6    |
| 68        | 5.3   | 4.5   | 6.7    |

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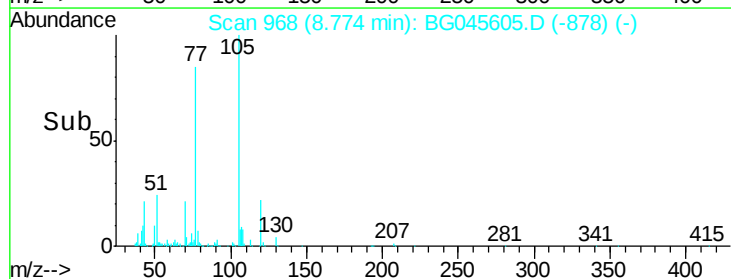
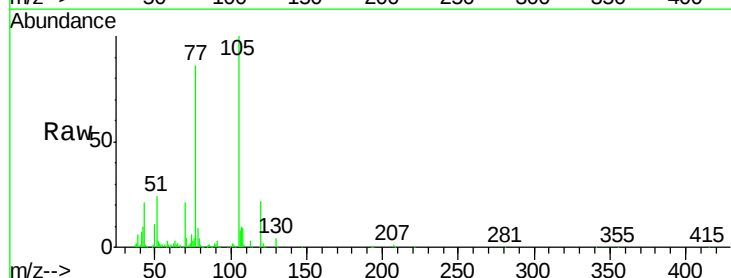
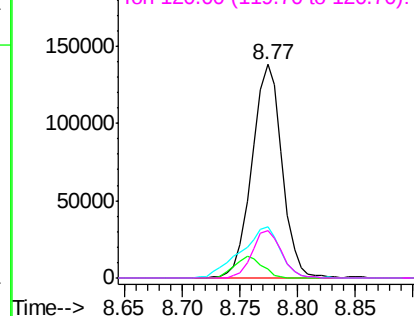
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

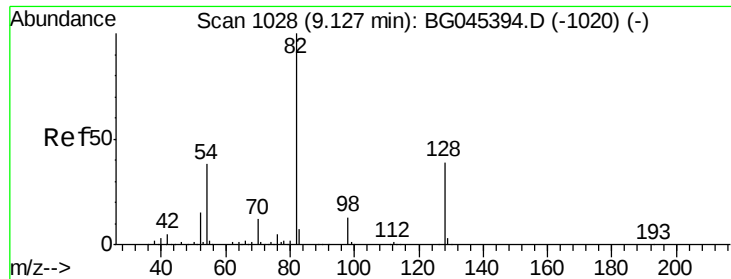


#22  
Acetophenone  
Concen: 46.715 ng  
RT: 8.77 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion   | 105   | Resp  | 250333 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.9   | 3.4   | 5.0    |
| 51        | 24.3  | 18.2  | 27.2   |
| 120       | 21.9  | 18.6  | 27.8   |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





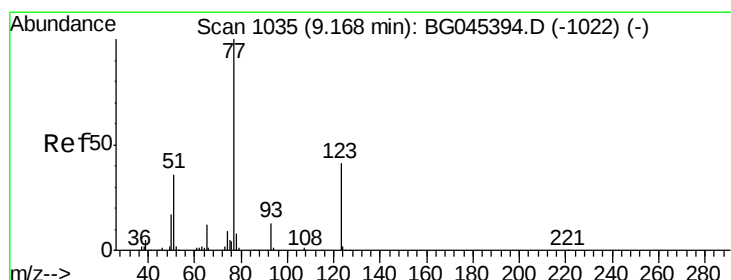
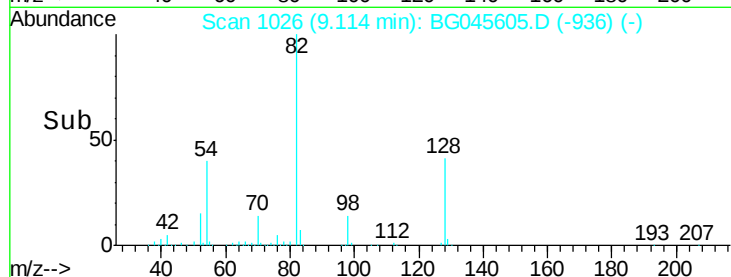
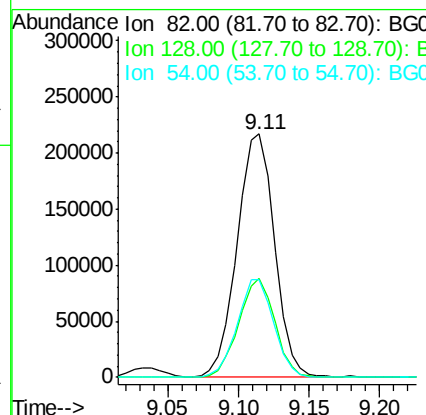
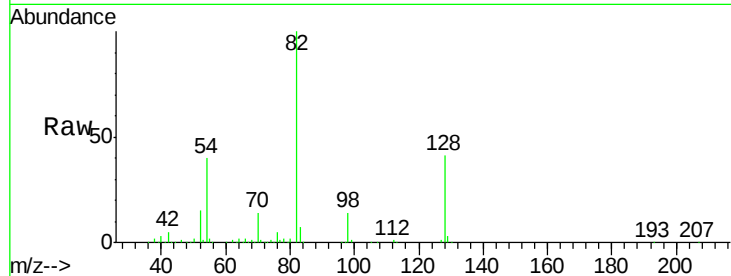
#23  
Nitrobenzene-d5  
Concen: 96.351 ng  
RT: 9.11 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 40.6  | 30.9 | 46.3  |       |
| 54      | 40.1  | 30.3 | 45.5  |       |

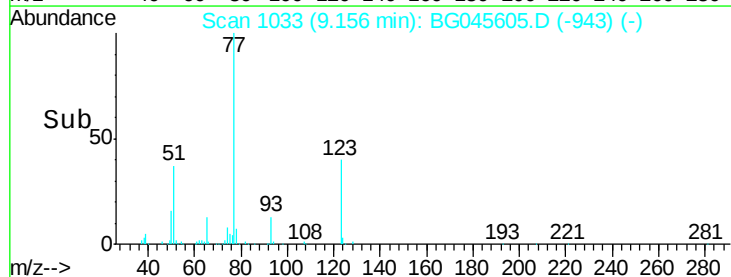
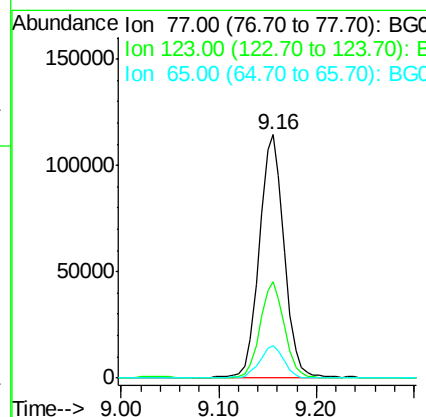
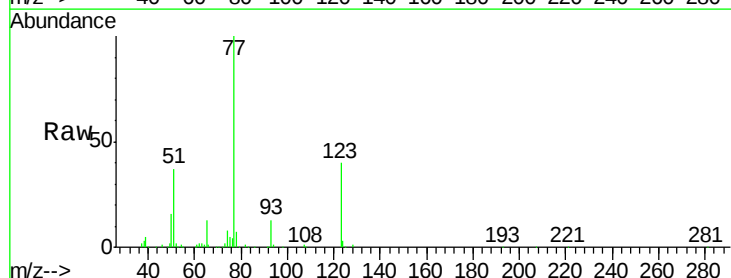
Manual Integrations  
APPROVED

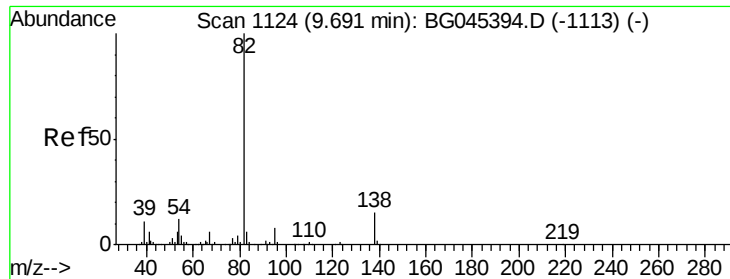
mohammad  
6/5/2020 10:29:59 AM



#24  
Nitrobenzene  
Concen: 46.291 ng  
RT: 9.16 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 39.5  | 32.9 | 49.3  |       |
| 65      | 13.3  | 9.4  | 14.2  |       |





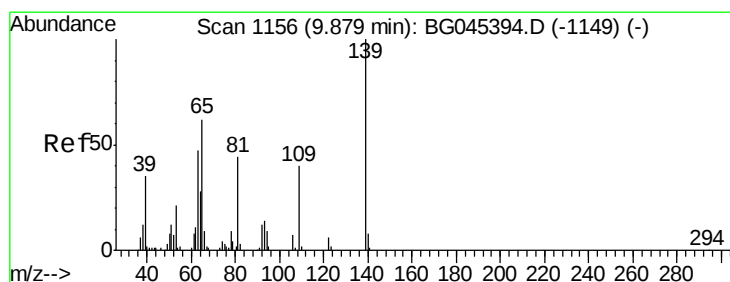
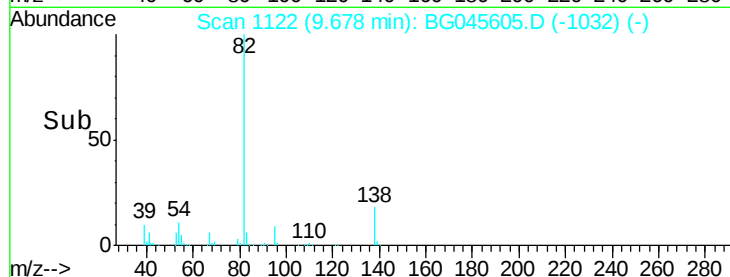
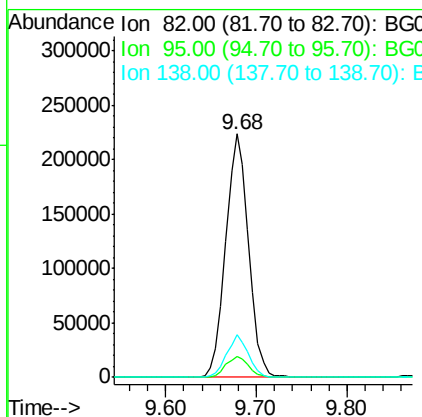
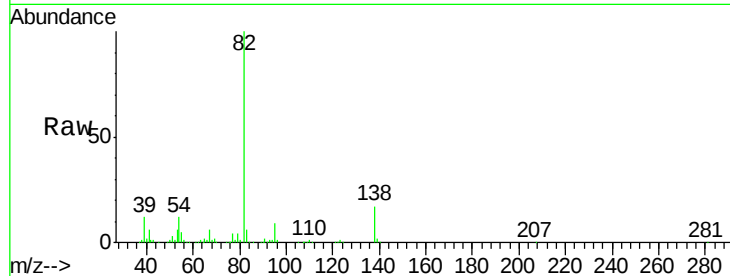
#25  
Isophorone  
Concen: 47.705 ng  
RT: 9.68 min Scan# 1122  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 389528 |       |       |
| 95      | 8.6   |        | 6.7   | 10.1  |
| 138     | 17.5  |        | 12.2  | 18.4  |

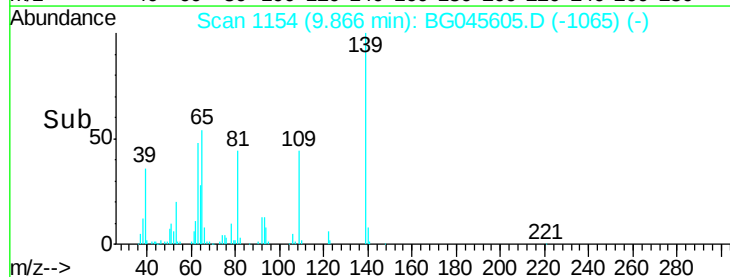
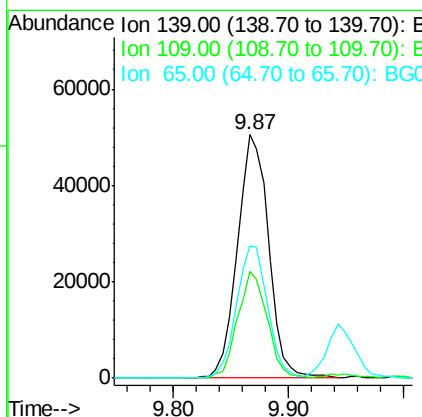
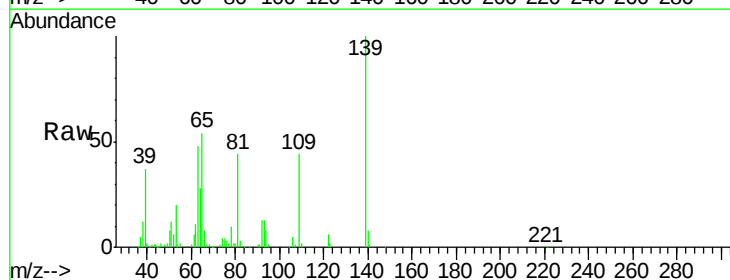
Manual Integrations  
APPROVED

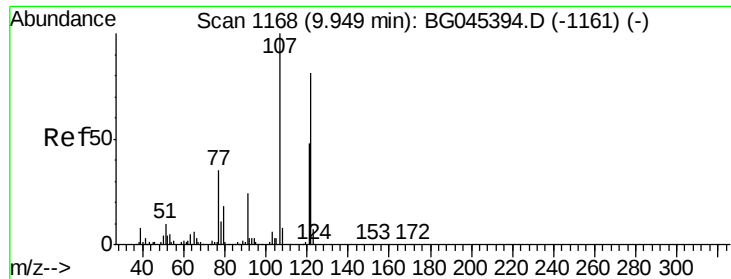
mohammad  
6/5/2020 10:29:59 AM



#26  
2-Nitrophenol  
Concen: 49.782 ng  
RT: 9.87 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 94600 |       |       |
| 109     | 43.8  |       | 32.2  | 48.4  |
| 65      | 54.4  |       | 49.6  | 74.4  |





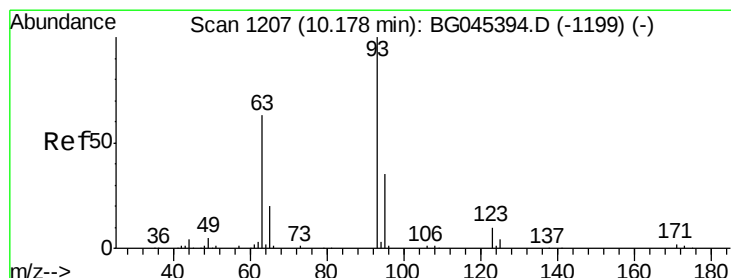
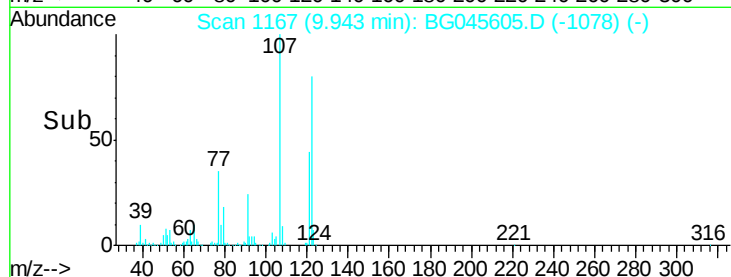
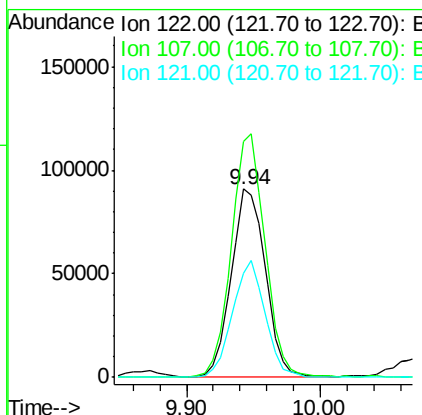
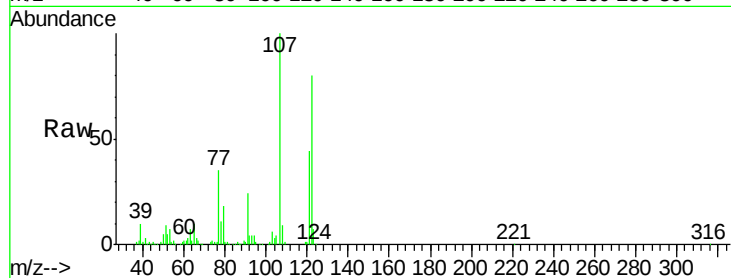
#27  
2,4-Dimethylphenol  
Concen: 57.744 ng  
RT: 9.94 min Scan# 1167  
Delta R.T. -0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 125.3 | 99.0  | 148.4 |
| 121     | 55.5  | 47.7  | 71.5  |

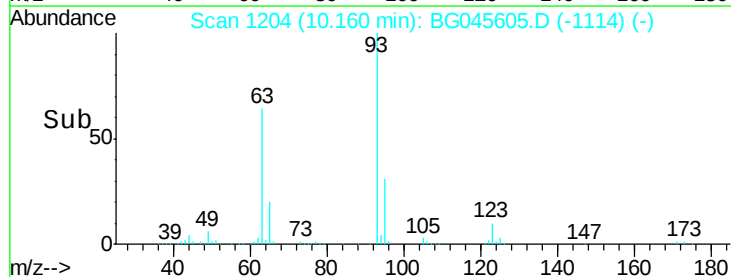
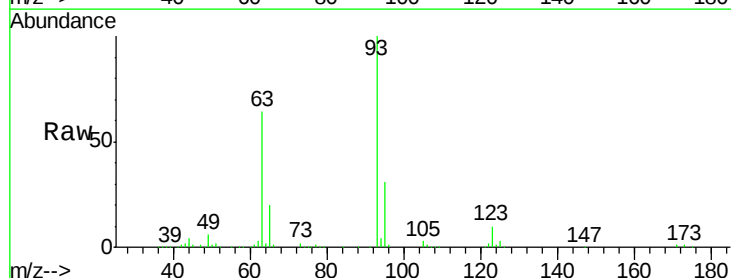
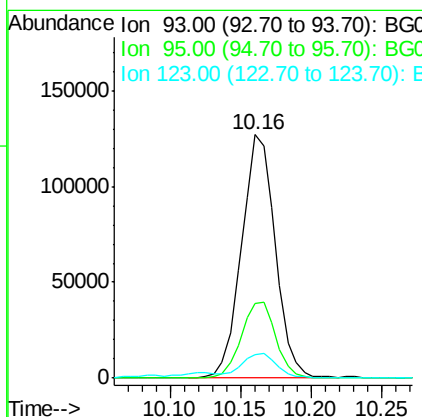
Manual Integrations  
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#28  
bis(2-Chloroethoxy)methane  
Concen: 49.250 ng  
RT: 10.16 min Scan# 1204  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.6  | 27.6  | 41.4  |
| 123     | 9.5   | 8.1   | 12.1  |





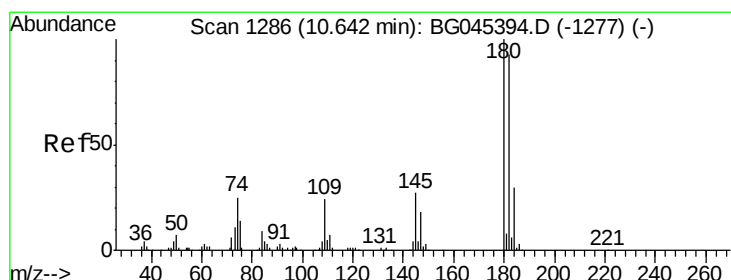
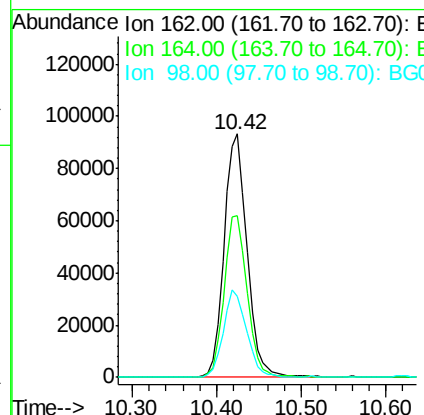
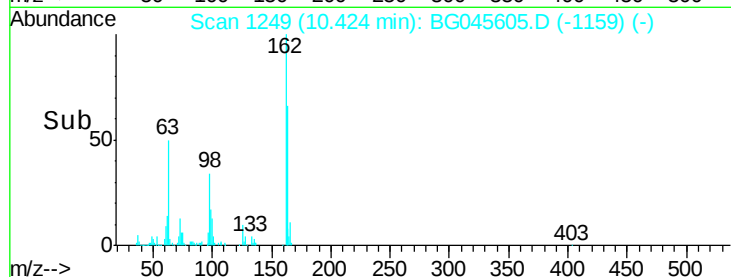
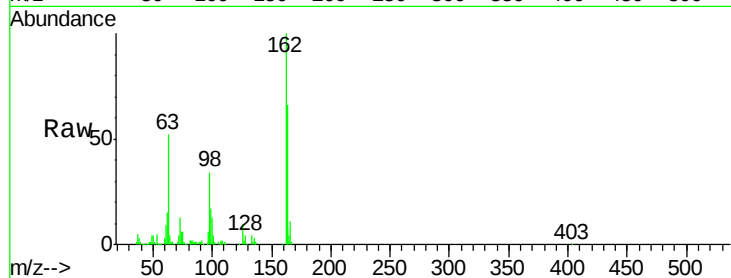
#29  
 2,4-Dichlorophenol  
 Concen: 52.988 ng  
 RT: 10.42 min Scan# 1249  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 66.5  | 46.8       | 86.8       |
| 98      | 33.5  | 15.2       | 55.2       |

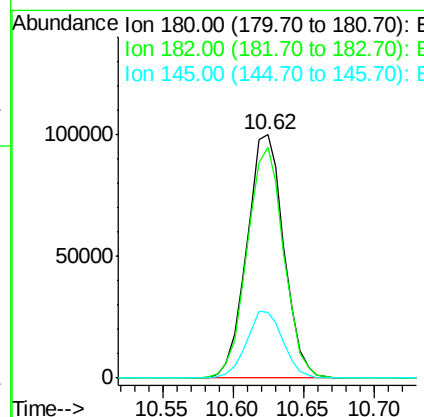
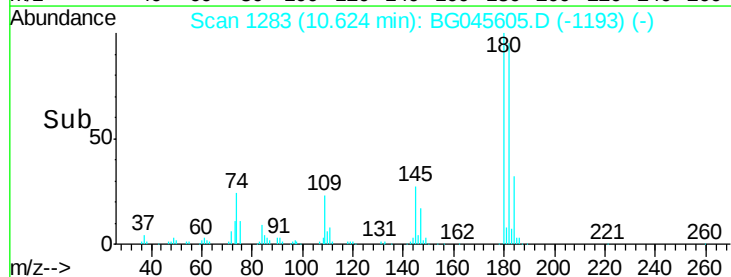
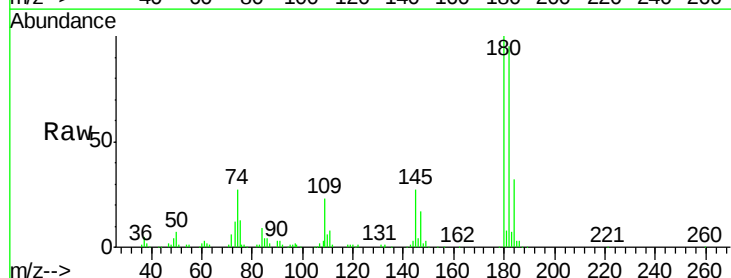
Manual Integrations  
 APPROVED

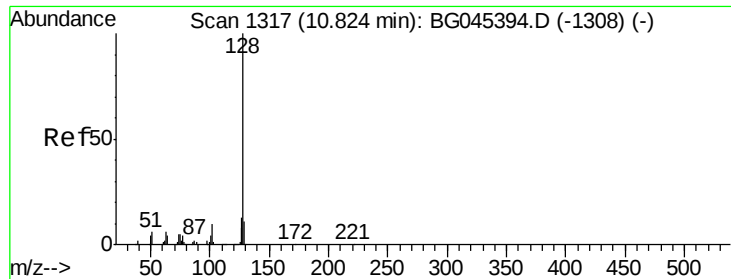
mohammad  
 6/5/2020 10:29:59 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.624 ng  
 RT: 10.62 min Scan# 1283  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.9  | 74.8       | 112.2      |
| 145     | 27.2  | 21.9       | 32.9       |





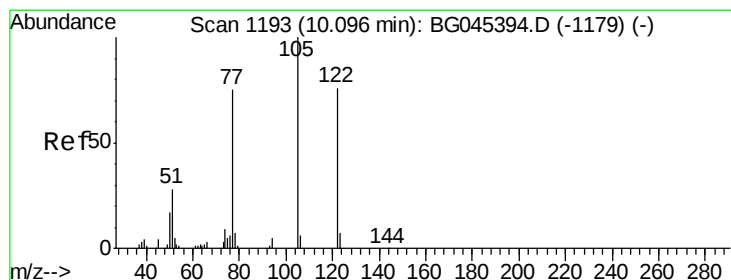
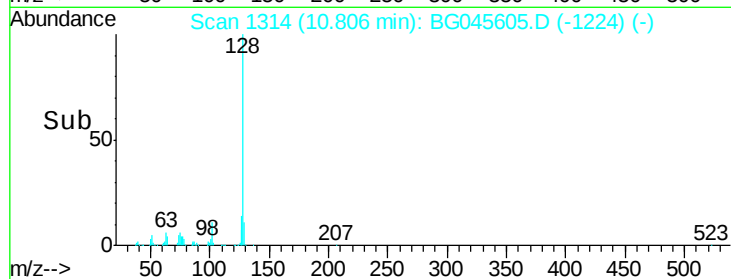
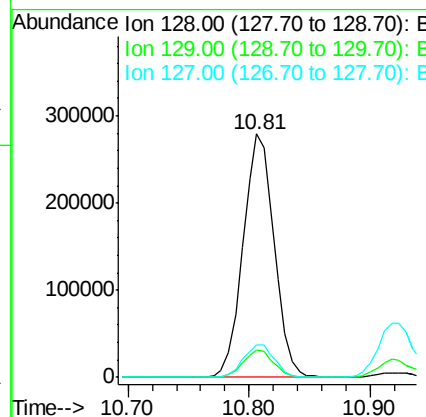
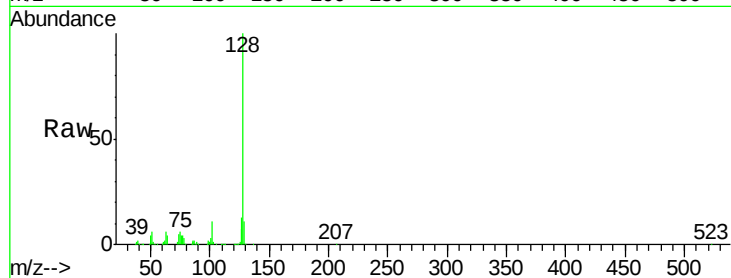
#31  
Naphthalene  
Concen: 47.522 ng  
RT: 10.81 min Scan# 1314  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.3  | 9.0   | 13.6  |
| 127     | 13.5  | 10.7  | 16.1  |

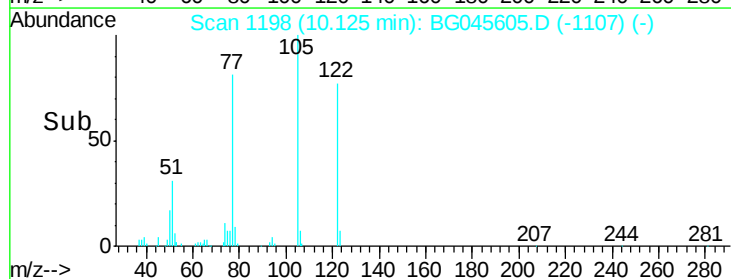
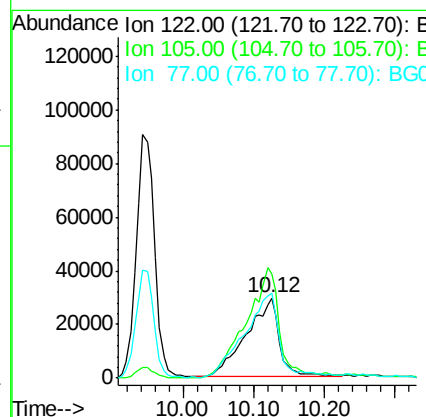
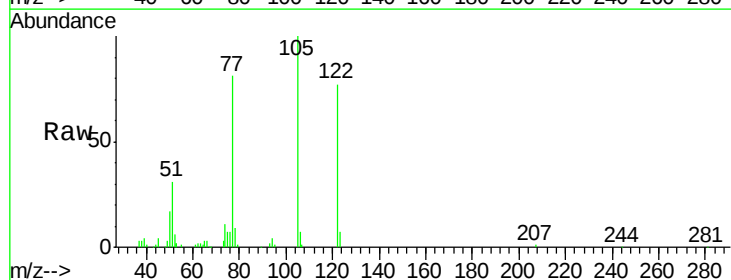
Manual Integrations  
APPROVED

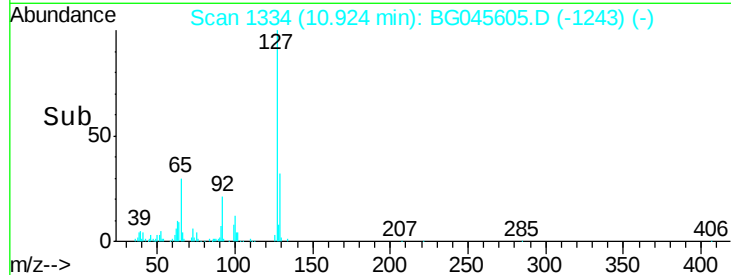
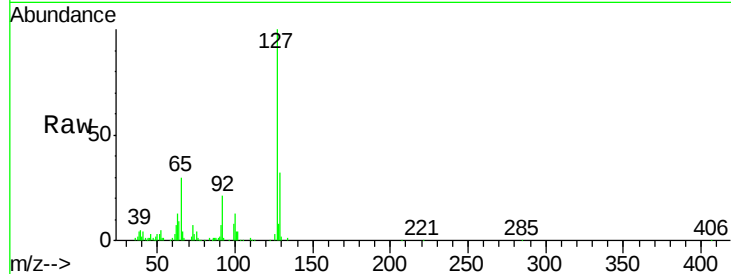
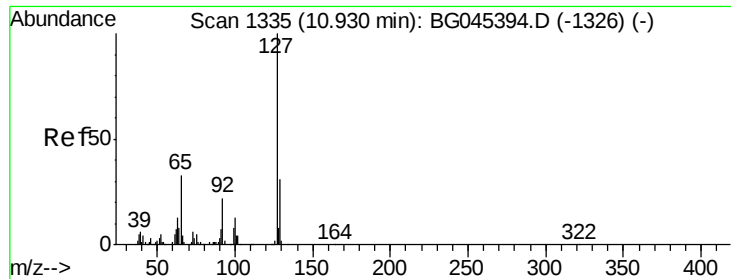
mohammad  
6/5/2020 10:29:59 AM



#32  
Benzoic acid  
Concen: 50.264 ng  
RT: 10.12 min Scan# 1198  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 129.6 | 107.9 | 147.9 |
| 77      | 105.5 | 78.9  | 118.9 |





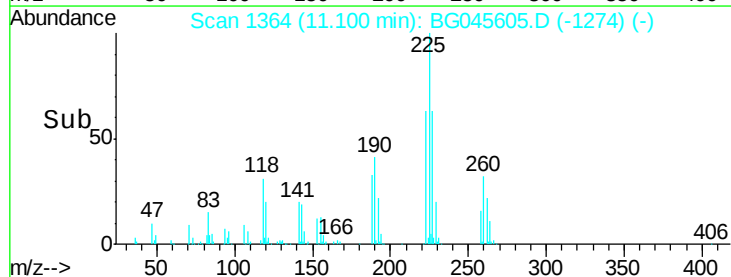
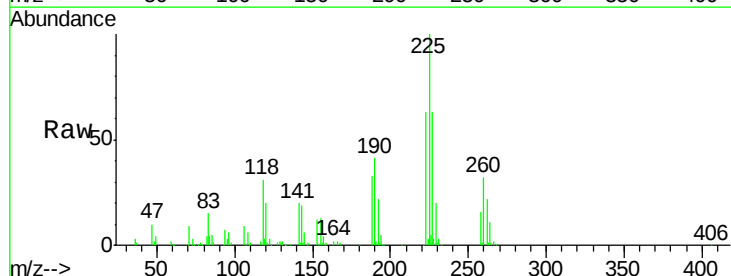
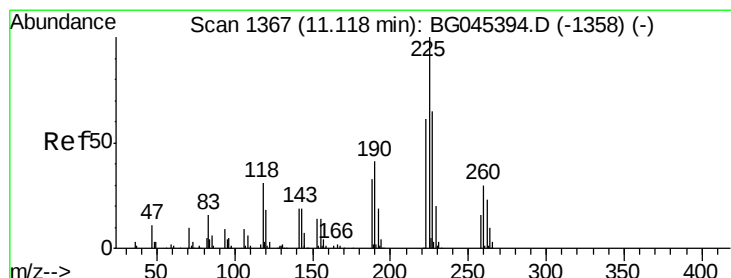
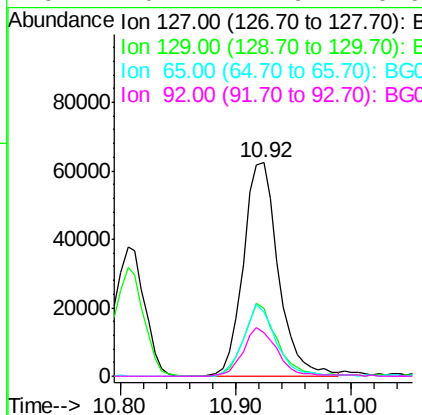
#33  
4-Chloroaniline  
Concen: 29.924 ng  
RT: 10.92 min Scan# 1334  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 131786 |       |       |
| 129     | 31.6 | 24.7  | 37.1   |       |       |
| 65      | 30.0 | 26.2  | 39.2   |       |       |
| 92      | 20.7 | 17.9  | 26.9   |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

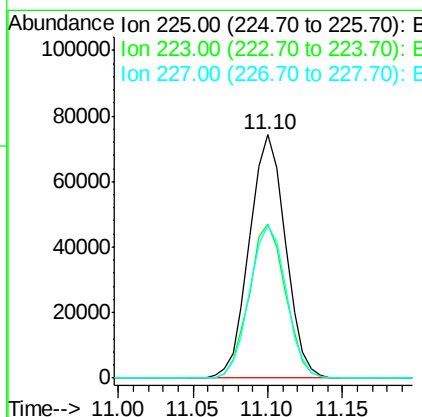
Manual Integrations  
APPROVED

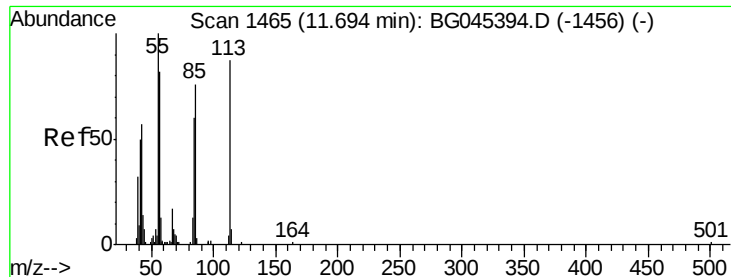
mohammad  
6/5/2020 10:29:59 AM



#34  
Hexachlorobutadiene  
Concen: 44.651 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 124128 |       |       |
| 223     | 63.1 | 49.1  | 73.7   |       |       |
| 227     | 62.9 | 52.0  | 78.0   |       |       |





#35

Caprolactam

Concen: 54.368 ng m

RT: 11.69 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

ClientSampled :

PB129255BS

Tot Ion:113 Resp: 66418

Ion Ratio Lower Upper

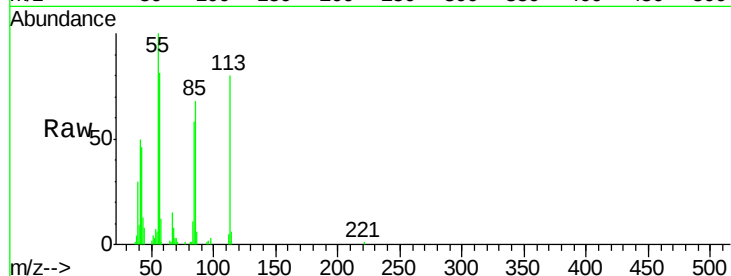
113 100

55 125.6 96.0 136.0

56 102.0 75.1 115.1

Manual Integrations  
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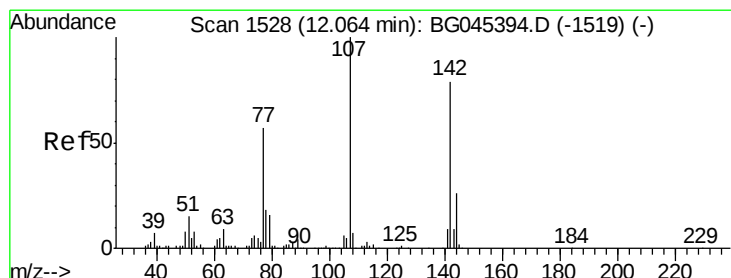
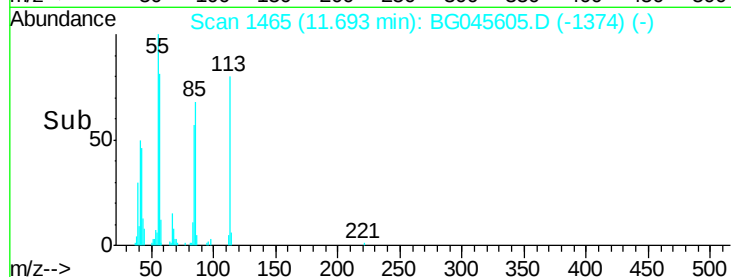
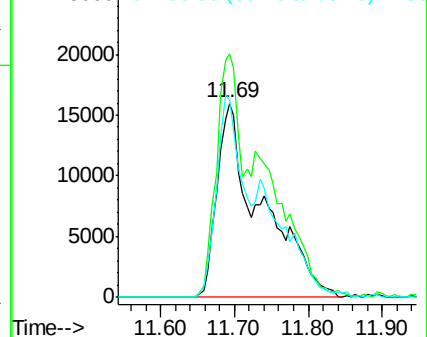
mohammad  
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.403 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

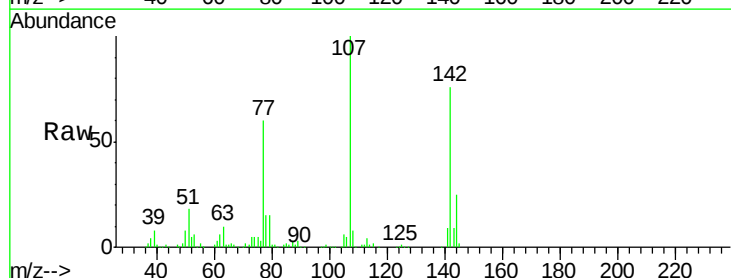
Tgt Ion:107 Resp: 211532

Ion Ratio Lower Upper

107 100

144 25.2 20.8 31.2

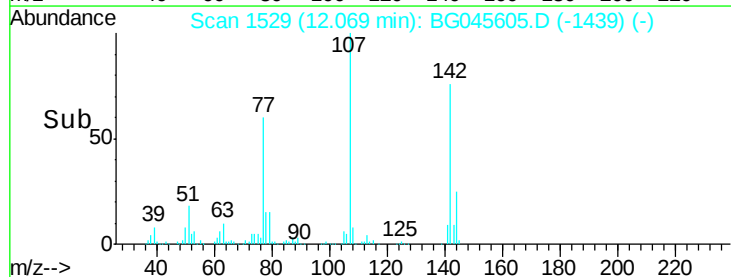
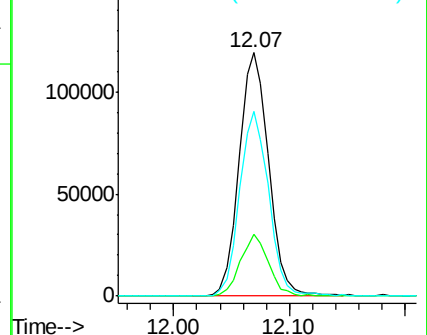
142 75.8 62.8 94.2

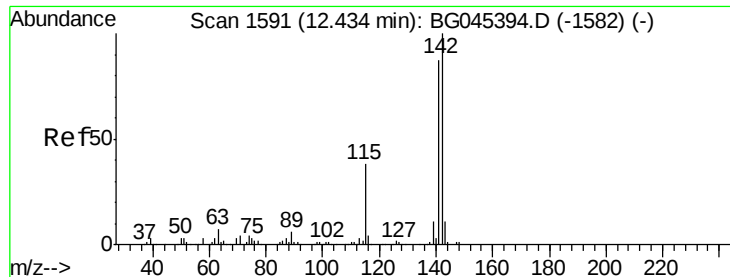


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





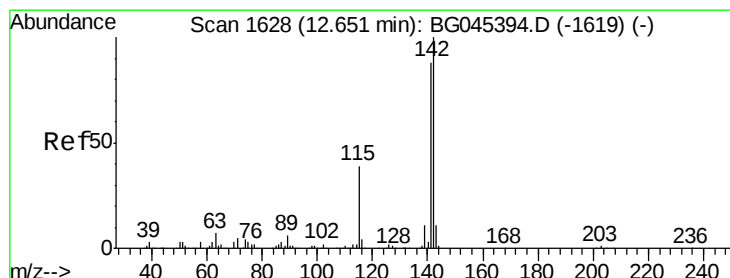
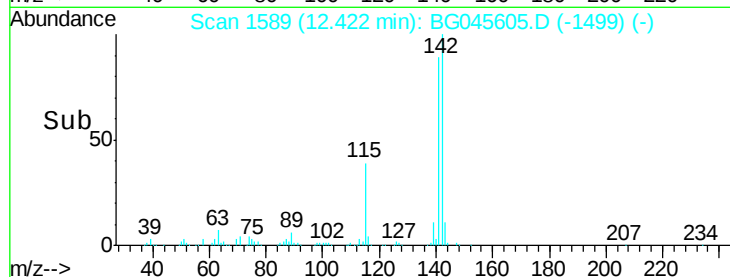
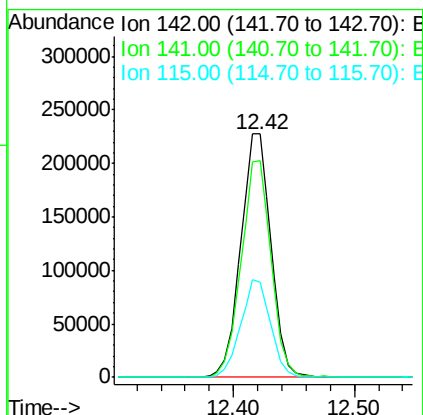
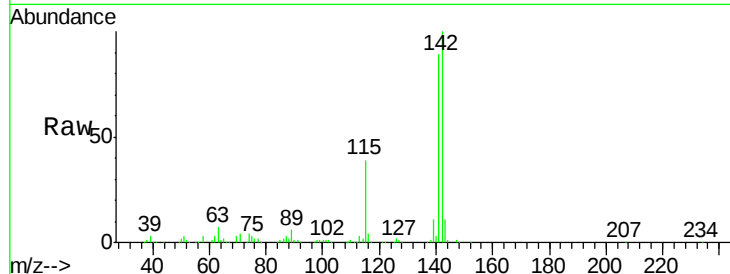
#37  
2-Methylnaphthalene  
Concen: 50.570 ng  
RT: 12.42 min Scan# 1589  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 70.0  | 105.0 |
| 115     | 38.9  | 30.8  | 46.2  |

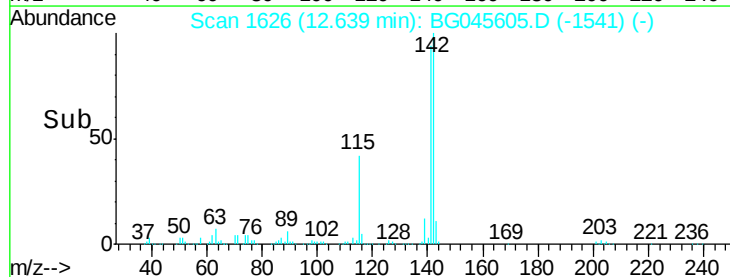
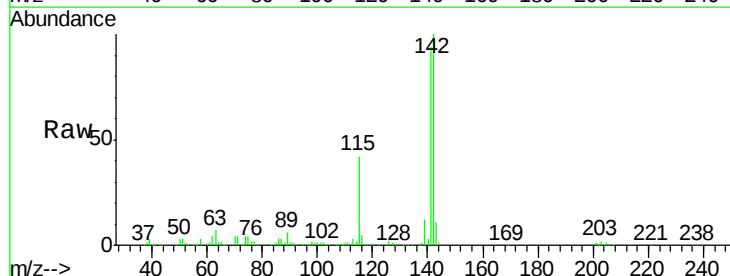
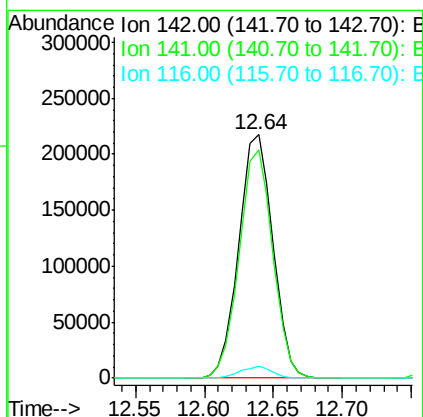
Manual Integrations  
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#38  
1-Methylnaphthalene  
Concen: 50.569 ng m  
RT: 12.64 min Scan# 1626  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.9  | 70.8  | 106.2 |
| 116     | 4.9   | 3.0   | 4.6#  |





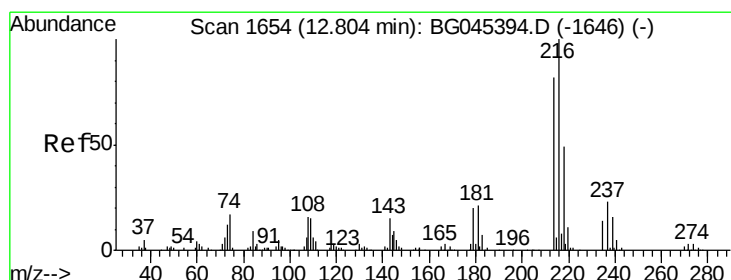
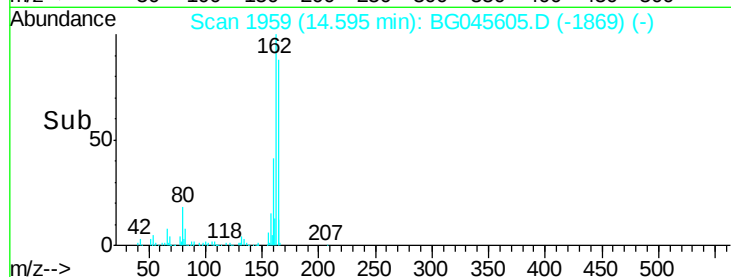
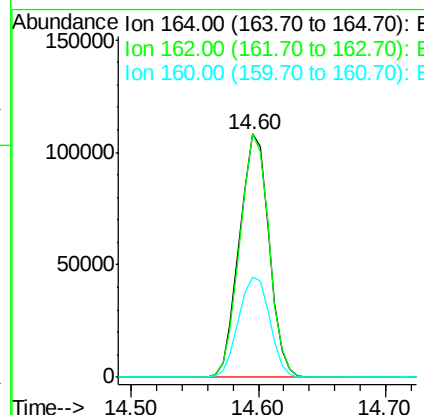
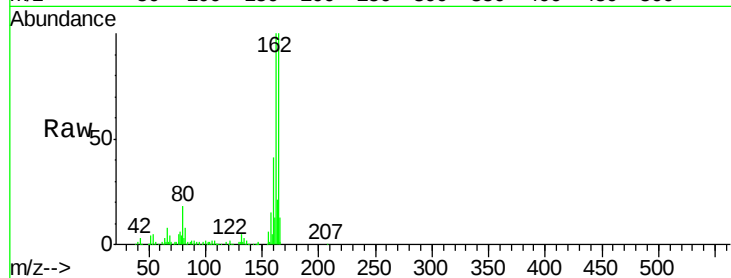
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.60 min Scan# 1959  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.0 | 76.9  | 115.3 |
| 160     | 41.0  | 33.8  | 50.8  |

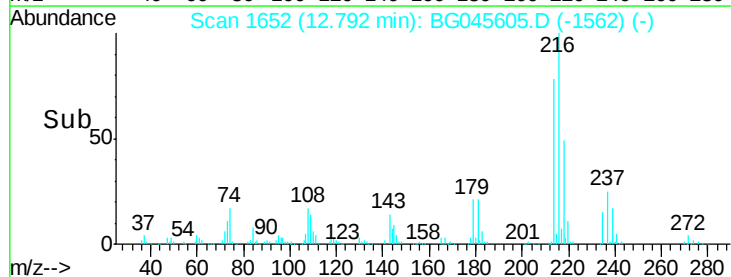
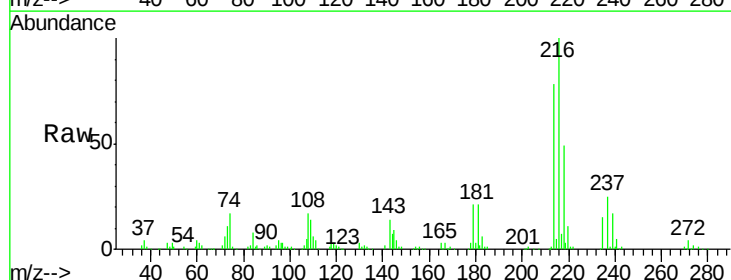
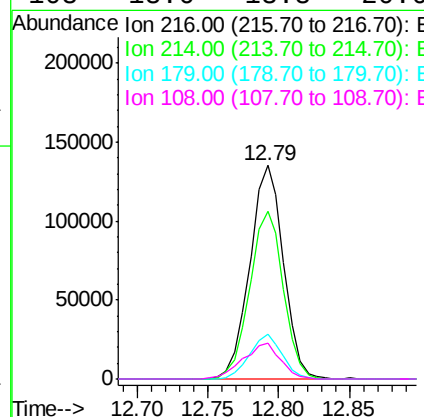
Manual Integrations  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 46.270 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.5  | 63.7  | 95.5  |
| 179     | 20.1  | 16.1  | 24.1  |
| 108     | 18.6  | 13.8  | 20.6  |





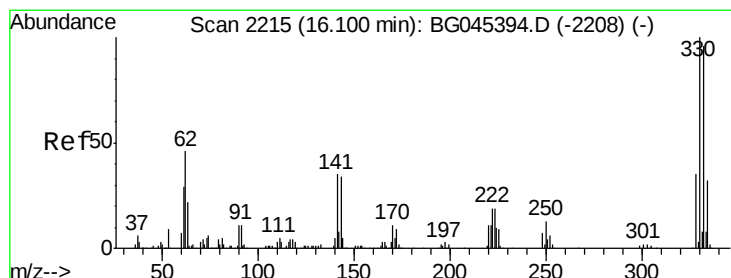
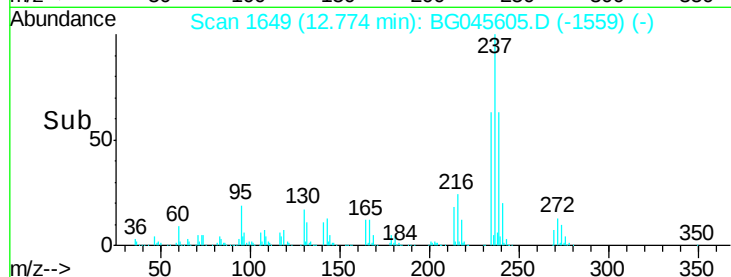
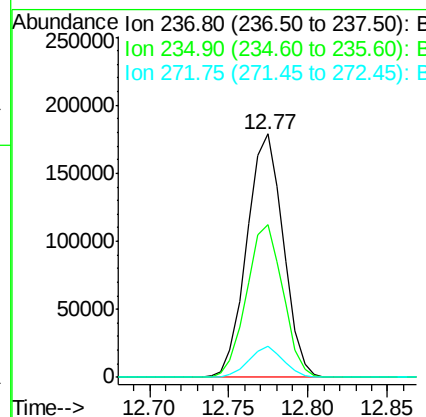
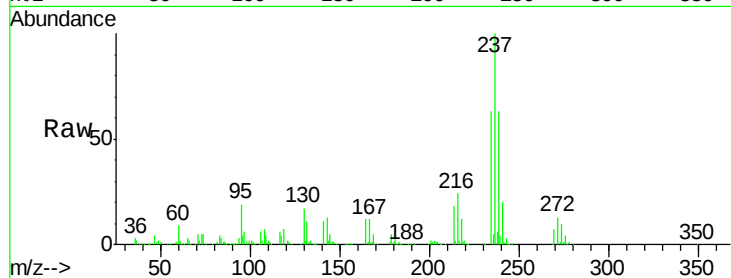
#41  
Hexachlorocyclopentadiene  
Concen: 100.816 ng  
RT: 12.77 min Scan# 1649  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 62.6  | 44.4       | 84.4  |
| 272     | 12.7  | 0.0        | 32.5  |

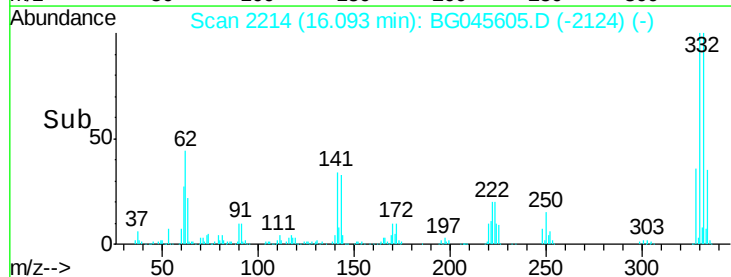
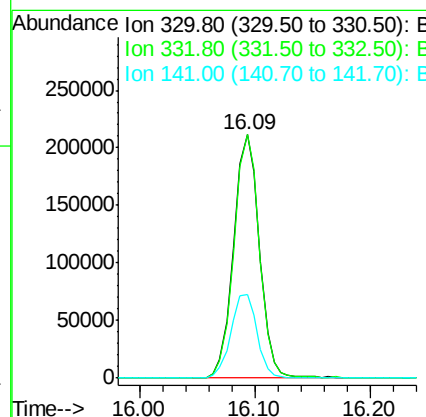
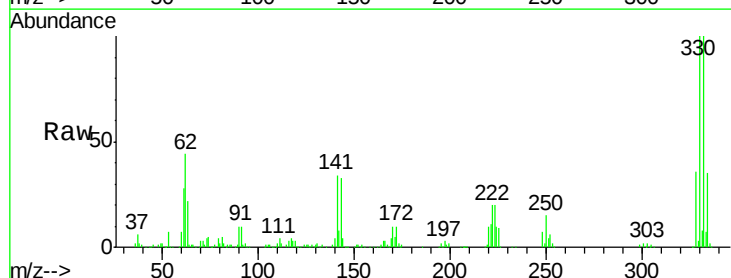
Manual Integrations  
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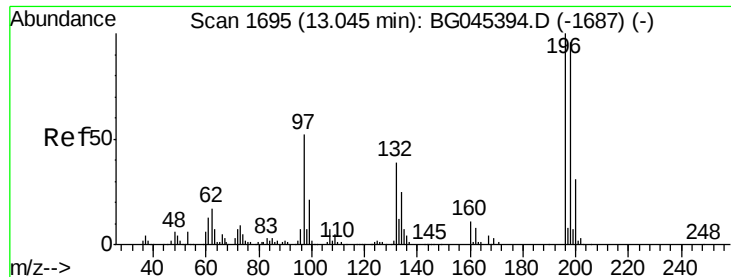
mohammad  
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#42  
2,4,6-Tribromophenol  
Concen: 146.617 ng  
RT: 16.09 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 98.6  | 78.2       | 117.4 |
| 141     | 34.8  | 28.2       | 42.4  |





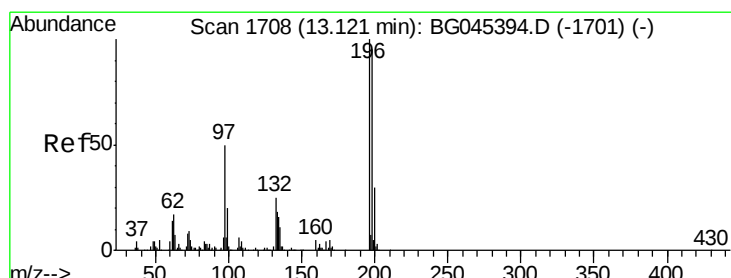
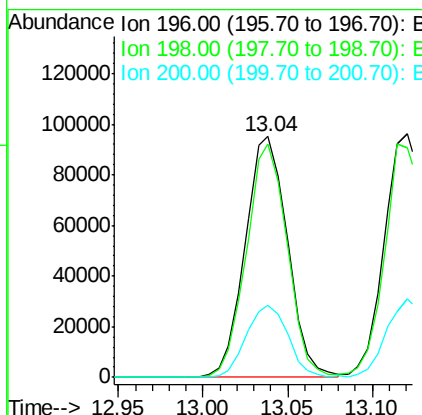
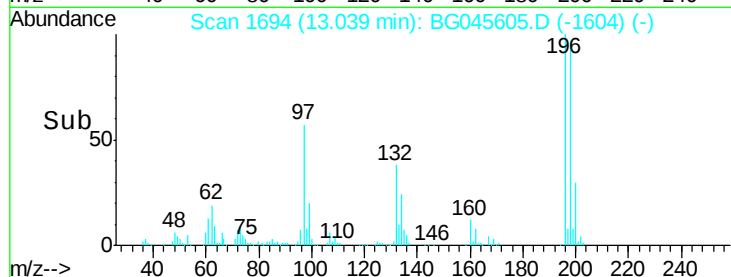
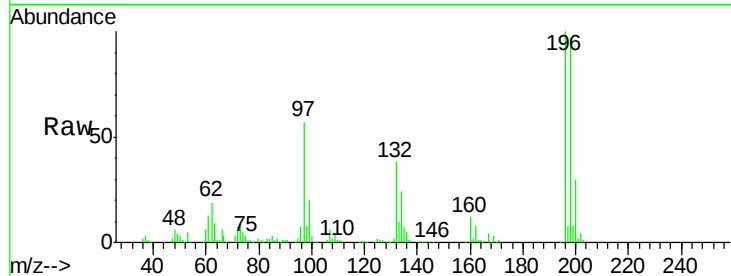
#43  
 2,4,6-Trichlorophenol  
 Concen: 48.723 ng  
 RT: 13.04 min Scan# 1694  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 165452 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.1  | 76.7  | 115.1  |
| 200       | 30.2  | 24.9  | 37.3   |

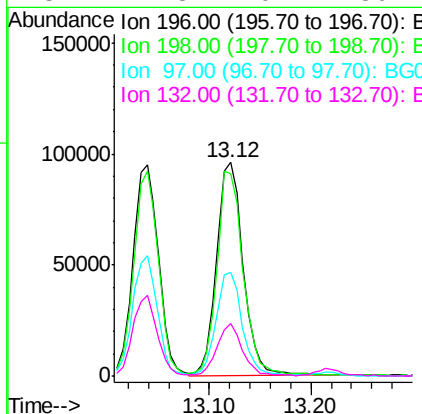
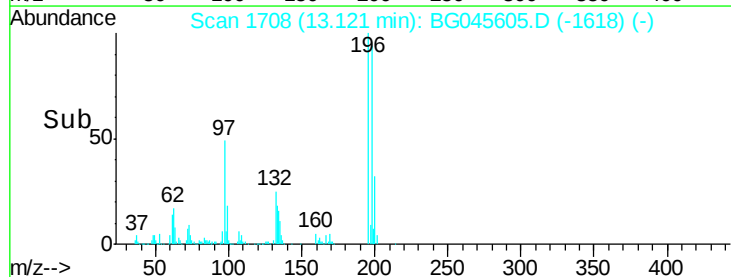
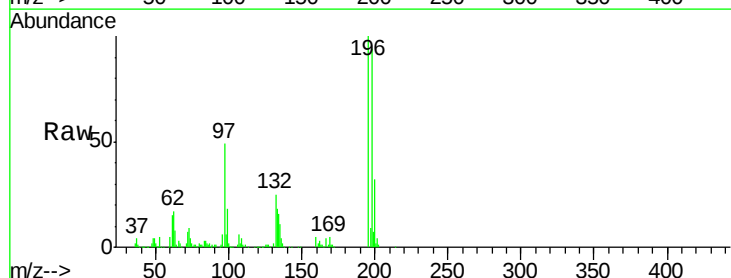
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#44  
 2,4,5-Trichlorophenol  
 Concen: 45.143 ng  
 RT: 13.12 min Scan# 1708  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 175176 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.5  | 76.1  | 114.1  |
| 97        | 48.7  | 40.0  | 60.0   |
| 132       | 24.8  | 20.2  | 30.2   |





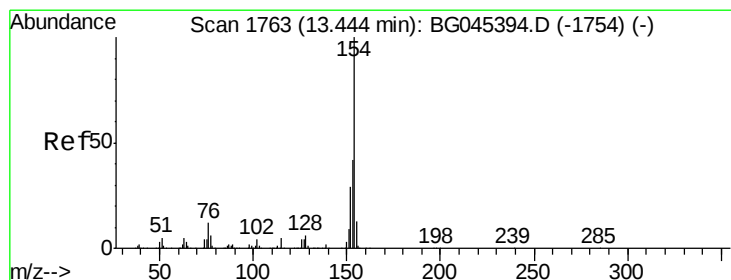
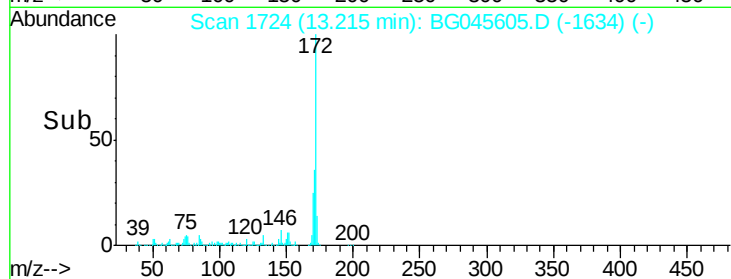
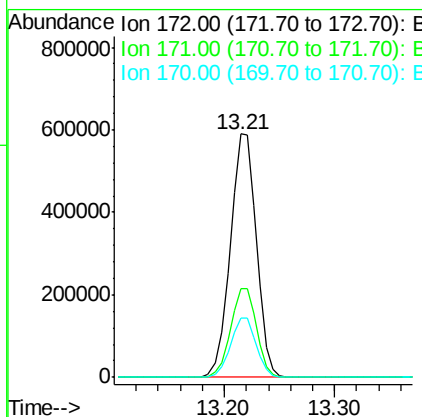
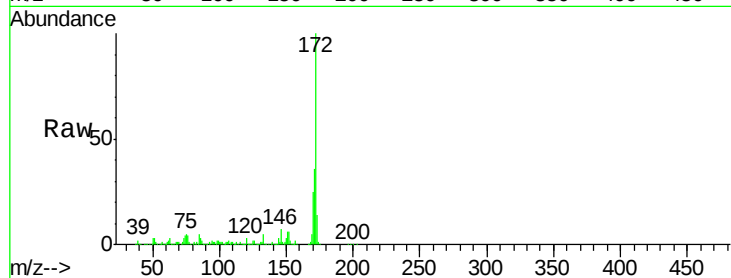
#45  
2-Fluorobiphenyl  
Concen: 94.741 ng  
RT: 13.21 min Scan# 1724  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 29.5  | 44.3  |
| 170     | 24.6  | 18.5  | 27.7  |

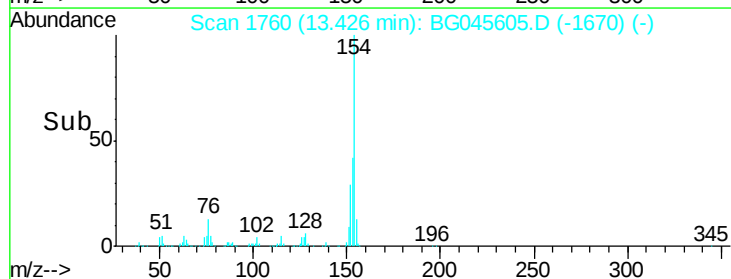
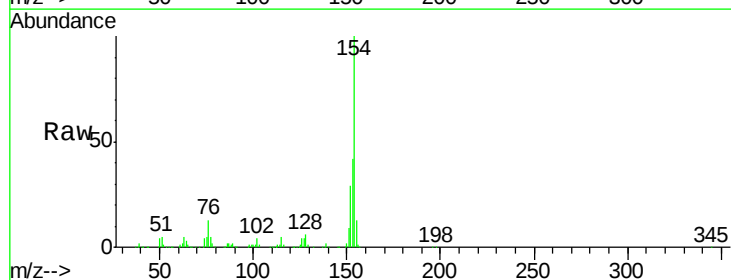
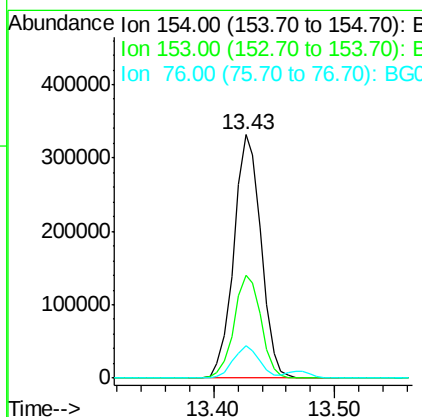
Manual Integrations  
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#46  
1,1'-Biphenyl  
Concen: 48.417 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.1  | 22.2  | 62.2  |
| 76      | 13.1  | 0.0   | 32.4  |





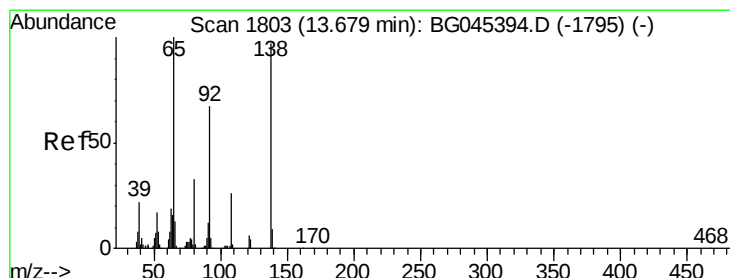
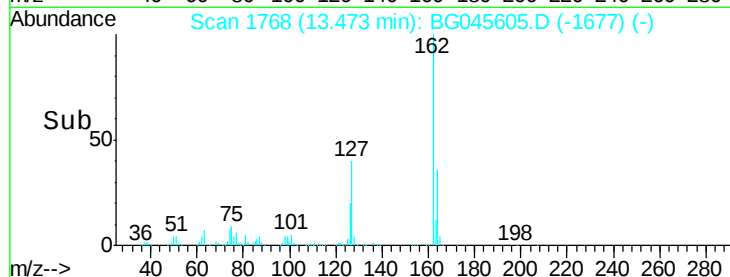
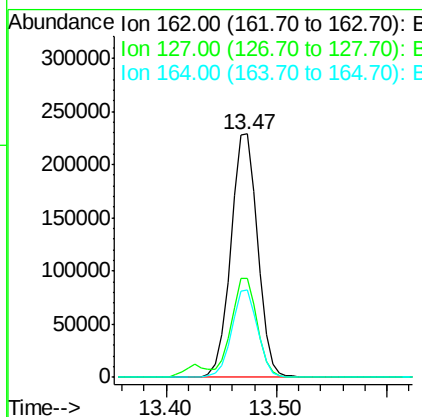
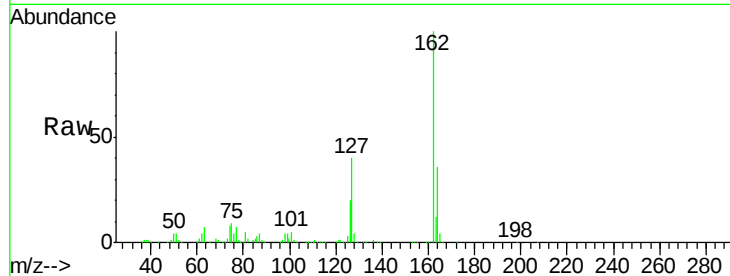
#47  
2-Chloronaphthalene  
Concen: 44.791 ng  
RT: 13.47 min Scan# 1768  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.4  | 31.6  | 47.4  |
| 164     | 35.8  | 28.1  | 42.1  |

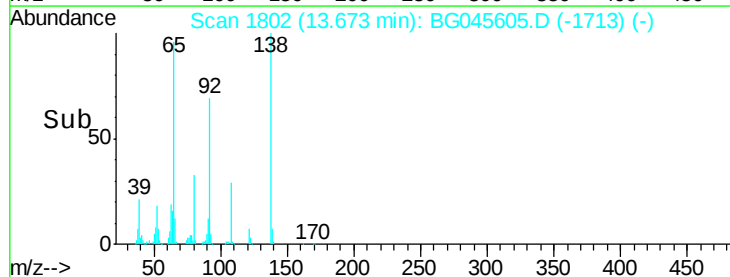
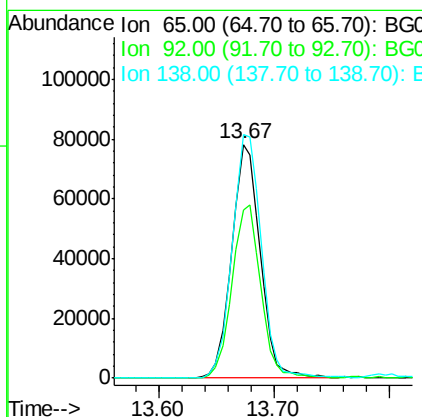
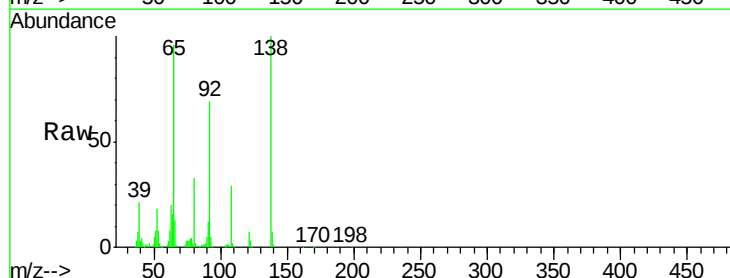
Manual Integrations  
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#48  
2-Nitroaniline  
Concen: 46.606 ng  
RT: 13.67 min Scan# 1802  
Delta R.T. -0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.1  | 53.8  | 80.8  |
| 138     | 104.3 | 77.9  | 116.9 |





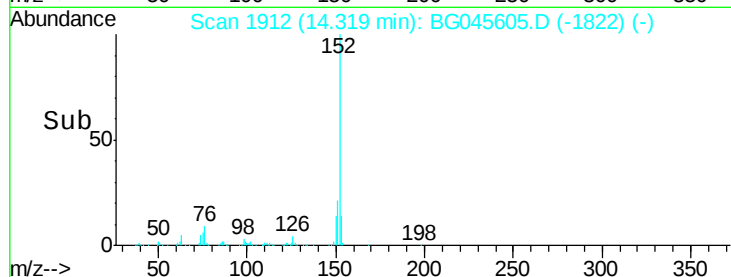
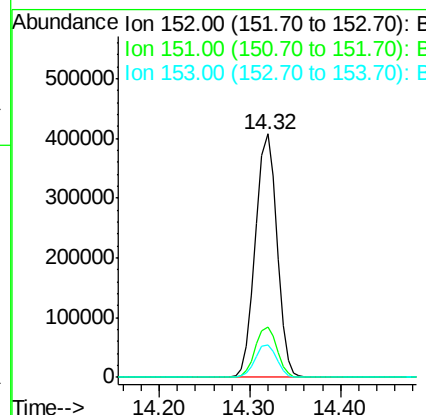
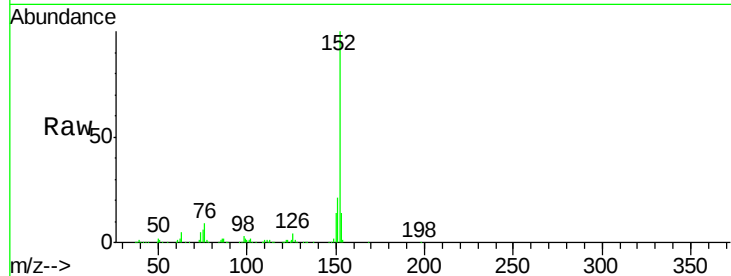
#49  
Acenaphthylene  
Concen: 48.105 ng  
RT: 14.32 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 17.4  | 26.2  |
| 153     | 13.5  | 10.7  | 16.1  |

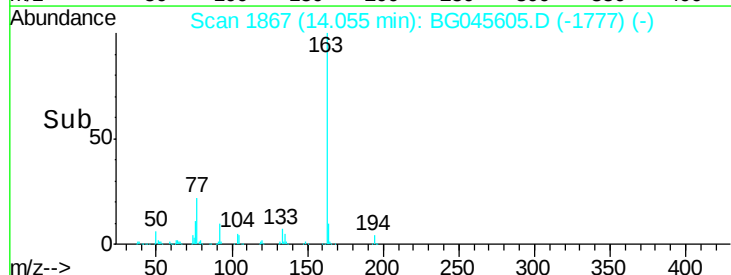
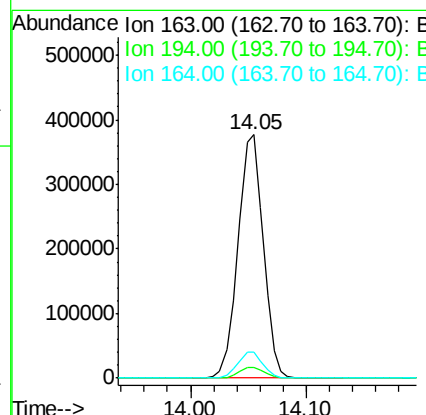
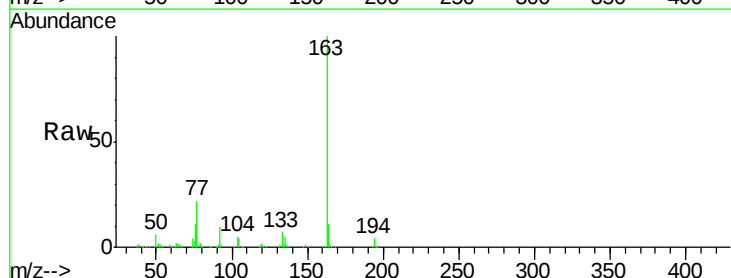
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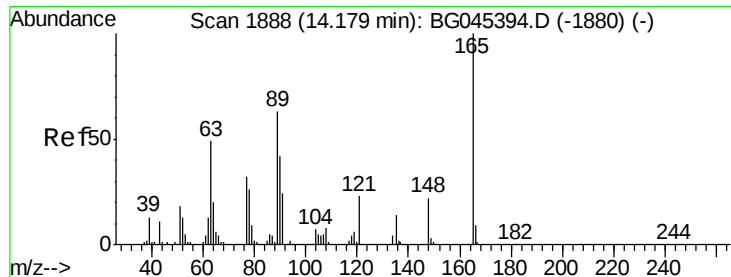
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#50  
Dimethylphthalate  
Concen: 47.433 ng  
RT: 14.05 min Scan# 1867  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.3   | 3.2   | 4.8   |
| 164     | 10.5  | 8.3   | 12.5  |





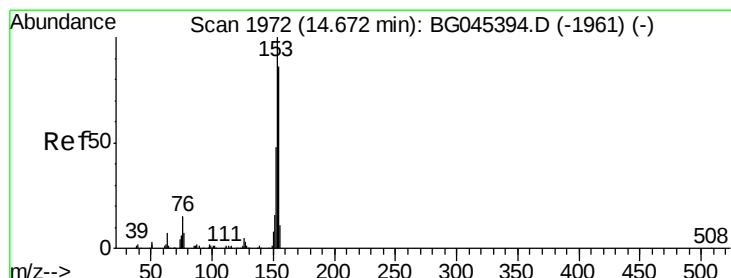
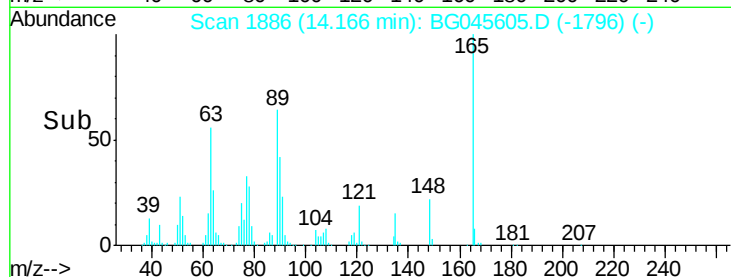
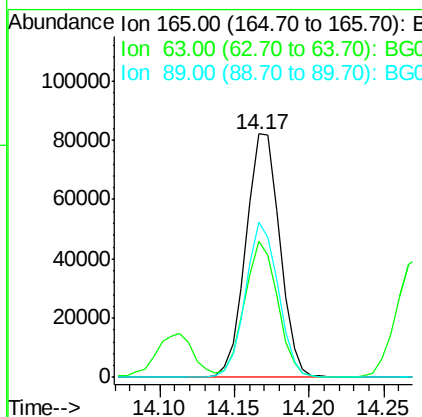
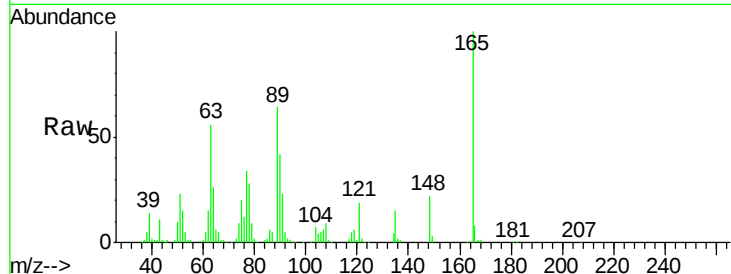
#51  
2,6-Dinitrotoluene  
Concen: 47.667 ng  
RT: 14.17 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.0  | 45.0  | 67.4  |
| 89      | 63.9  | 50.2  | 75.4  |

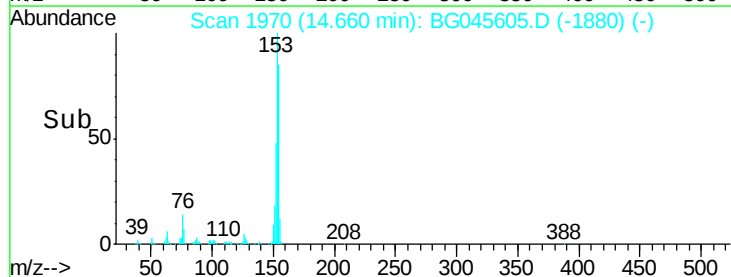
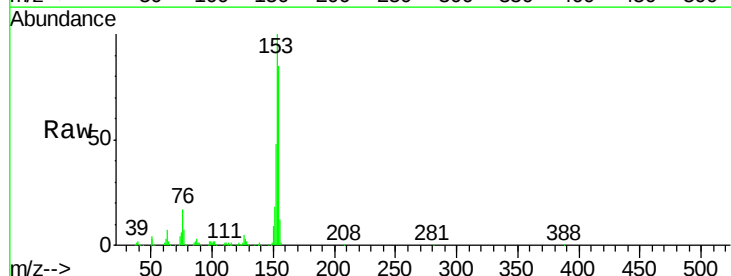
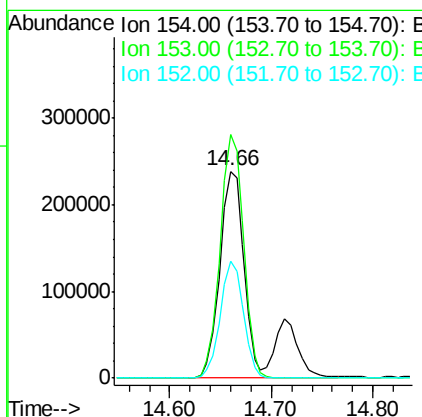
Manual Integrations  
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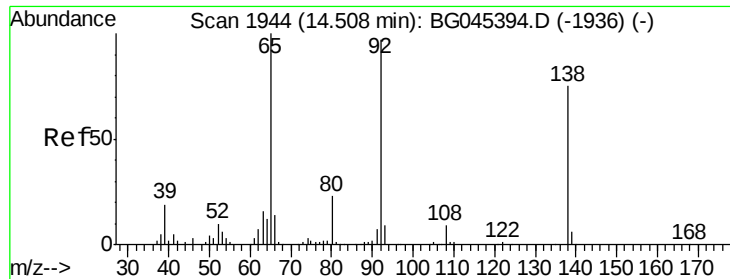
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#52  
Acenaphthene  
Concen: 53.231 ng m  
RT: 14.66 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 117.8 | 92.8  | 139.2 |
| 152     | 56.5  | 44.6  | 66.8  |





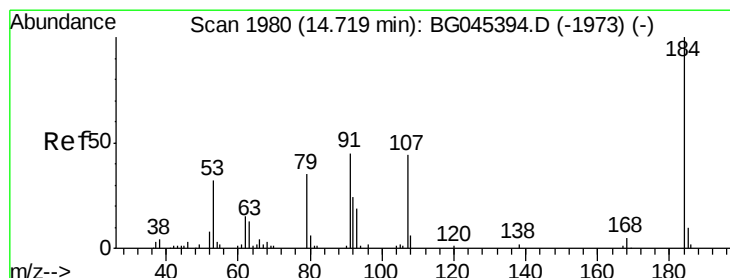
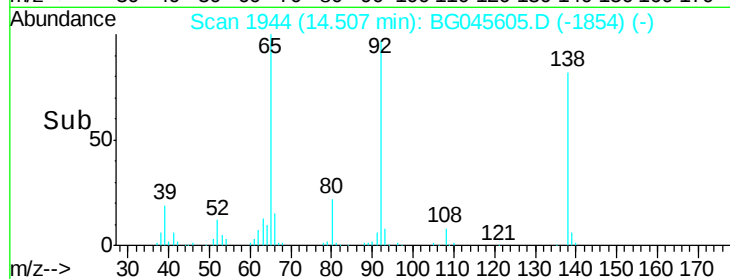
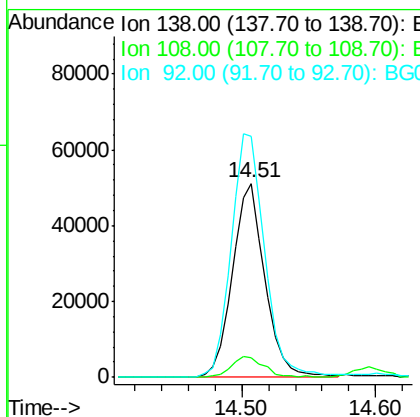
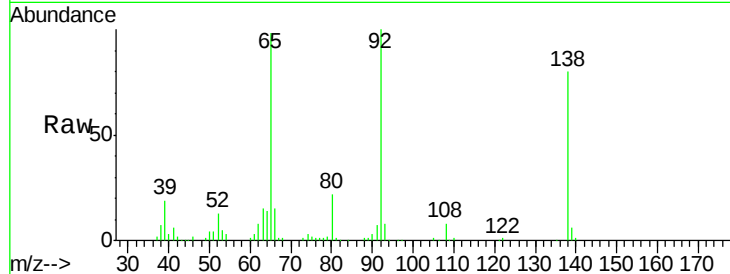
#53  
 3-Nitroaniline  
 Concen: 31.404 ng  
 RT: 14.51 min Scan# 1944  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.3  | 9.8   | 14.6  |
| 92      | 124.4 | 103.0 | 154.4 |

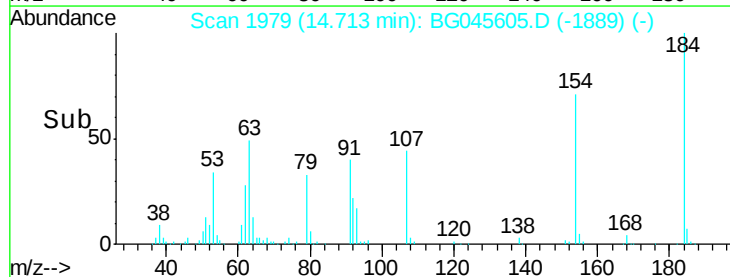
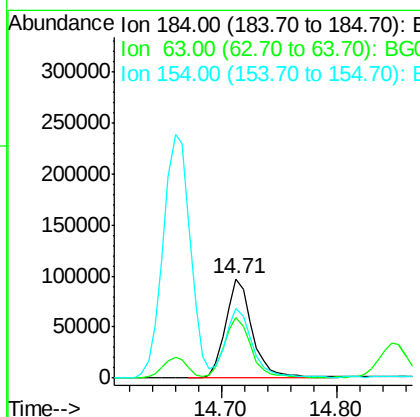
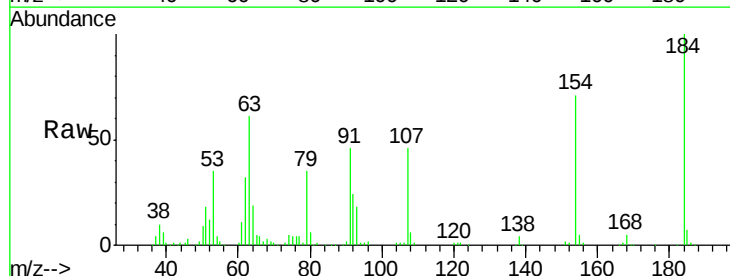
Manual Integrations  
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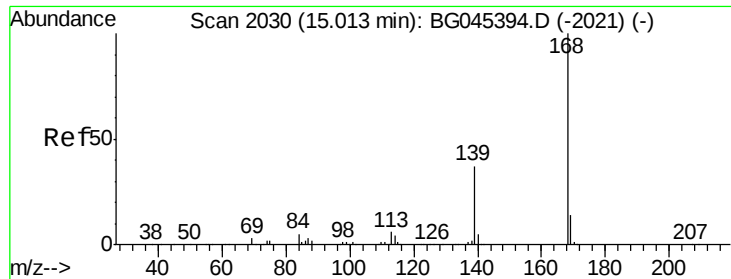
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#54  
 2,4-Dinitrophenol  
 Concen: 88.483 ng  
 RT: 14.71 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 61.2  | 47.8  | 71.6  |
| 154     | 70.6  | 58.3  | 87.5  |





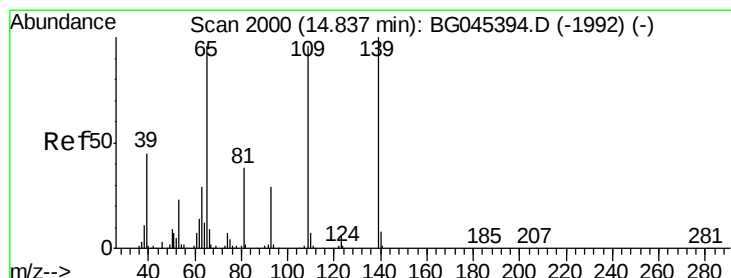
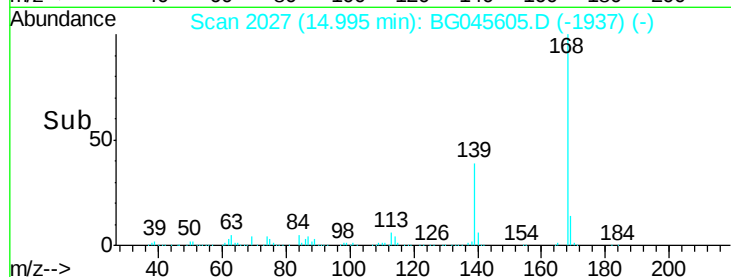
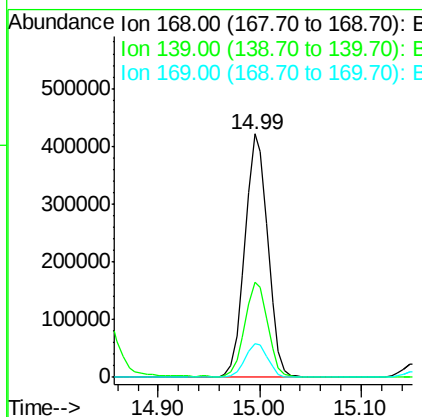
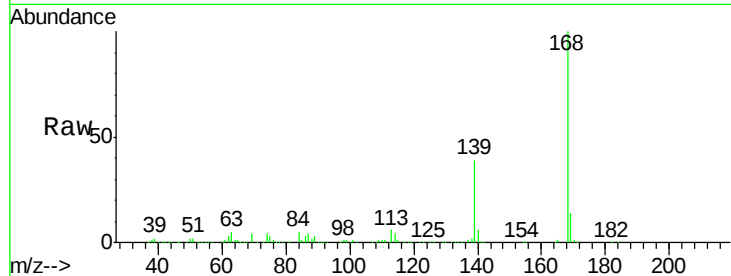
#55  
Dibenzofuran  
Concen: 47.302 ng  
RT: 14.99 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampled :  
PB129255BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 659520 |       |       |
| 139     | 39.0  |        | 29.9  | 44.9  |
| 169     | 13.6  |        | 10.9  | 16.3  |

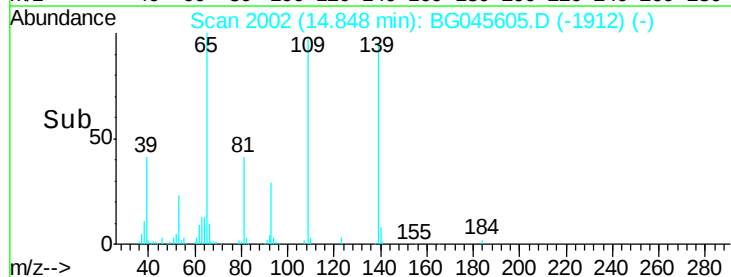
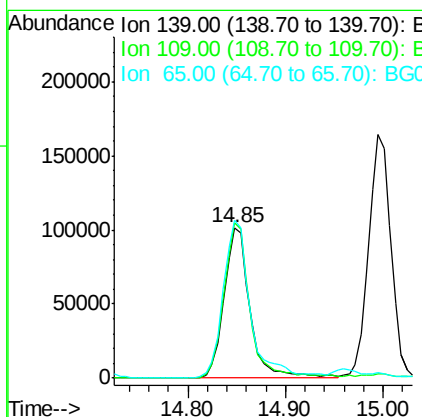
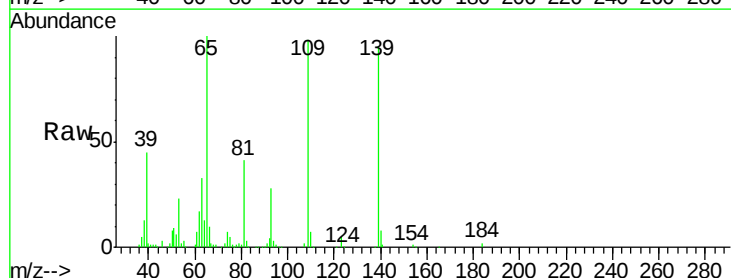
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#56  
4-Nitrophenol  
Concen: 89.819 ng  
RT: 14.85 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 187271 |       |       |
| 109     | 103.0 |        | 75.6  | 115.6 |
| 65      | 105.2 |        | 76.8  | 116.8 |





#57

2,4-Dinitrotoluene

Concen: 47.244 ng

RT: 14.96 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

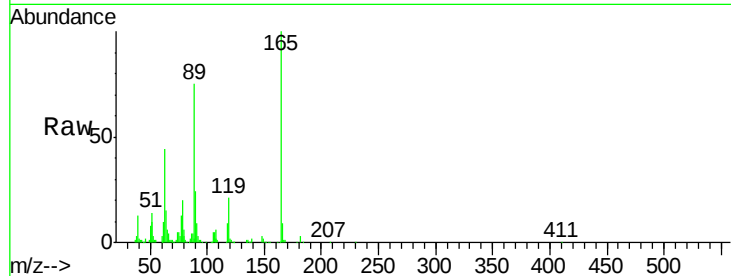
ClientSampleId :

PB129255BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 185360 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 43.7  | 32.5  | 48.7   |
| 89        | 75.4  | 61.8  | 92.6   |
| 182       | 3.1   | 2.3   | 3.5    |

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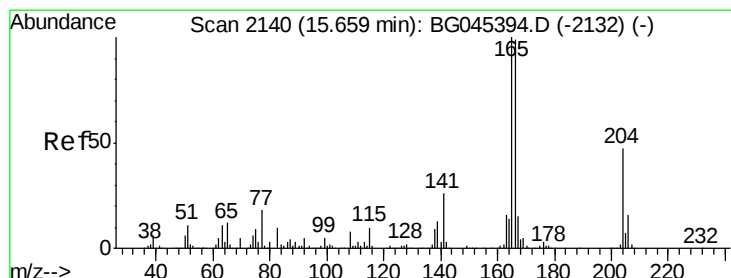
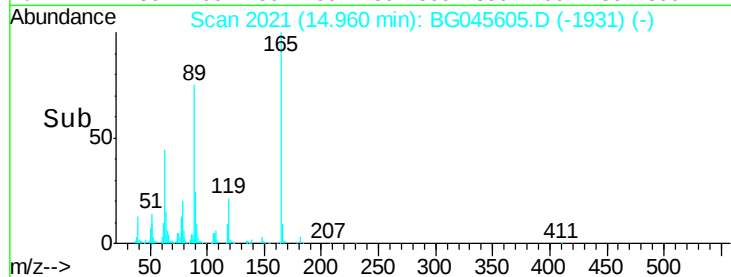
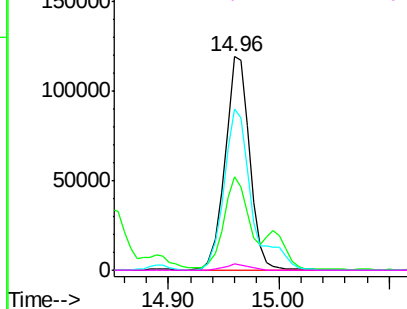


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.577 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG045605.D

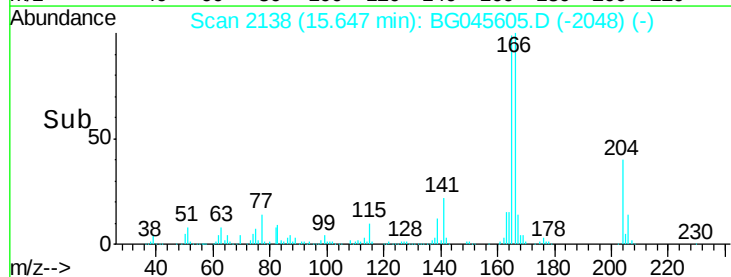
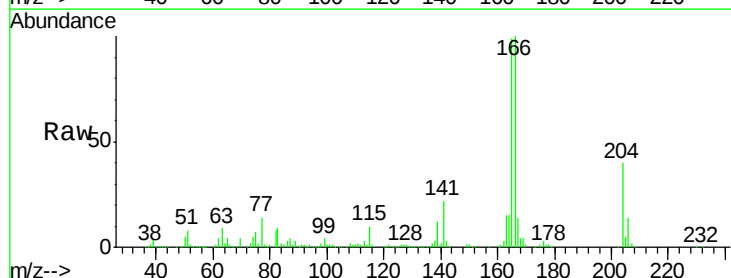
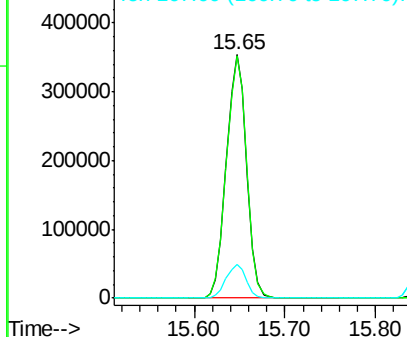
Acq: 4 Jun 2020 14:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 544986 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.4  | 80.8  | 121.2  |
| 167       | 14.1  | 12.0  | 18.0   |

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





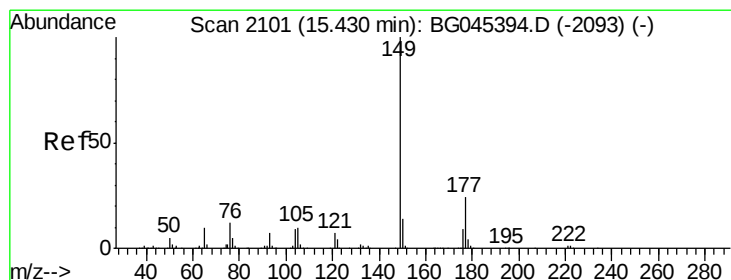
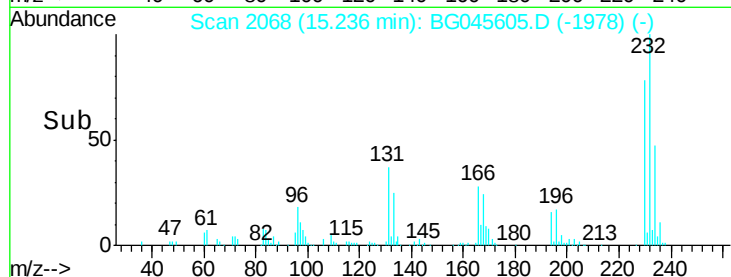
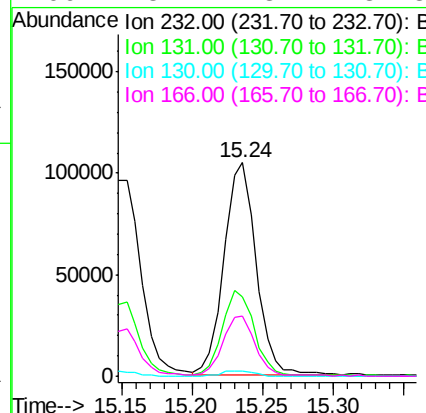
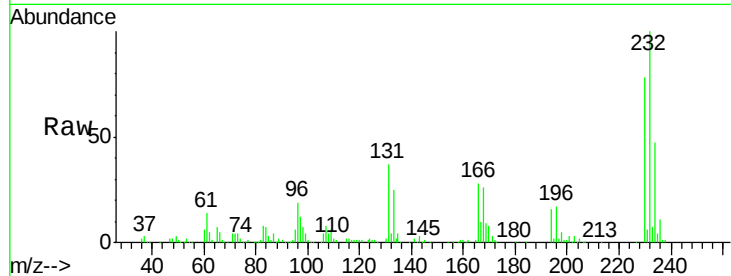
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.468 ng  
RT: 15.24 min Scan# 2068  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 165466 |       |       |
| 131     | 39.9  |        | 33.7  | 50.5  |
| 130     | 2.6   |        | 2.1   | 3.1   |
| 166     | 28.4  |        | 23.2  | 34.8  |

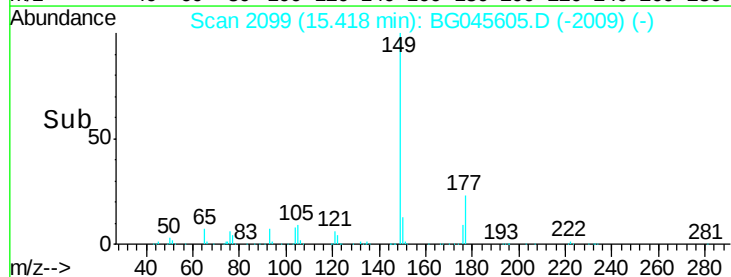
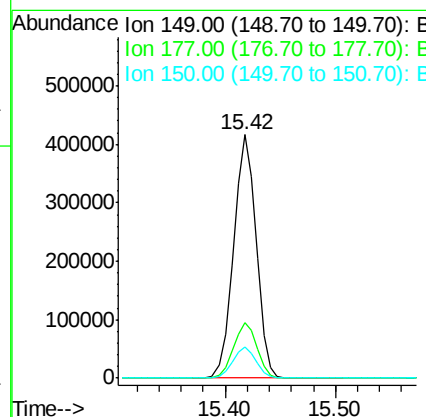
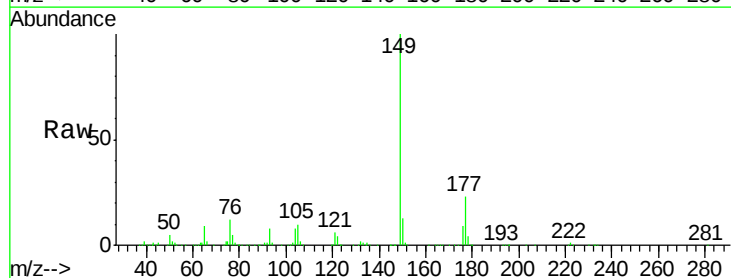
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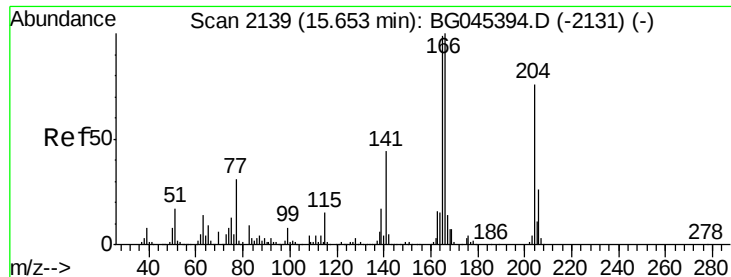
mohammad  
6/5/2020 10:29:59 AM



#60  
Diethylphthalate  
Concen: 47.823 ng  
RT: 15.42 min Scan# 2099  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 597597 |       |       |
| 177     | 22.9  |        | 19.0  | 28.4  |
| 150     | 12.9  |        | 11.4  | 17.0  |





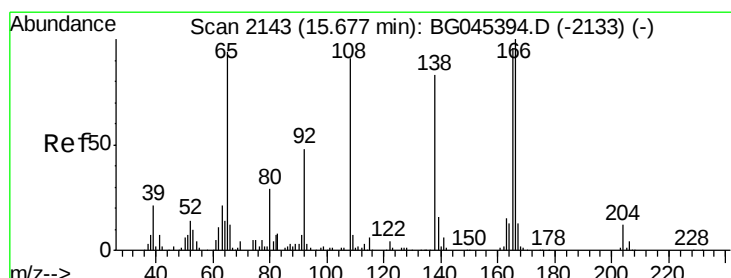
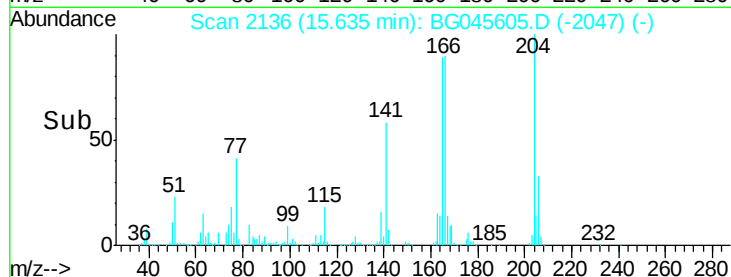
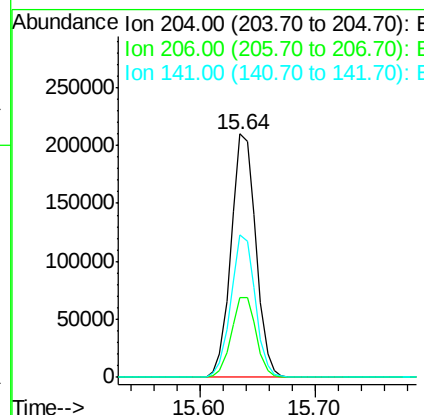
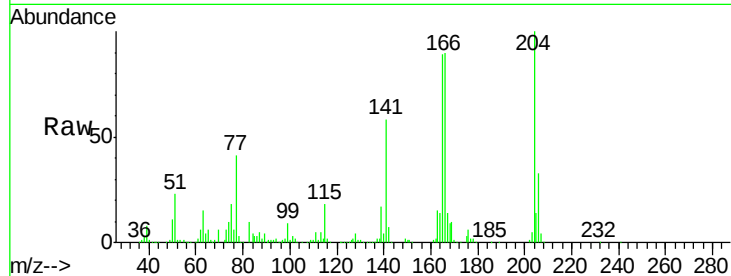
#61  
4-Chlorophenyl-phenylether  
Concen: 47.448 ng  
RT: 15.64 min Scan# 2136  
Delta R.T. -0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampled :  
PB129255BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 33.0  | 27.3 | 40.9  |       |
| 141     | 58.5  | 45.9 | 68.9  |       |

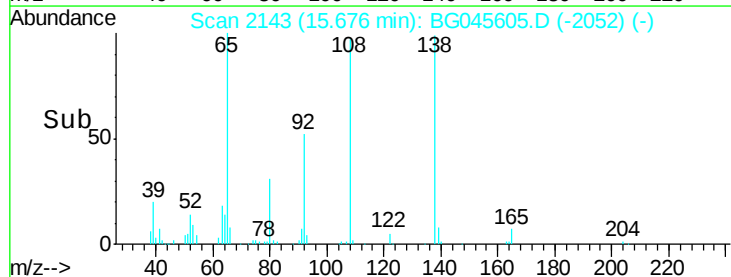
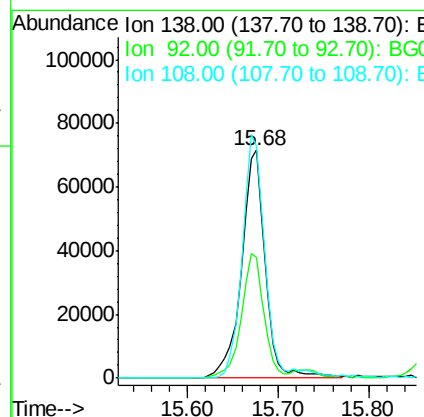
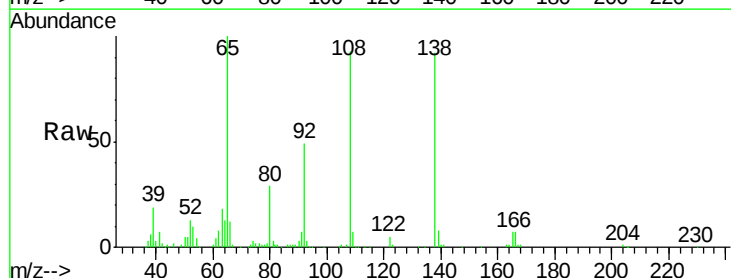
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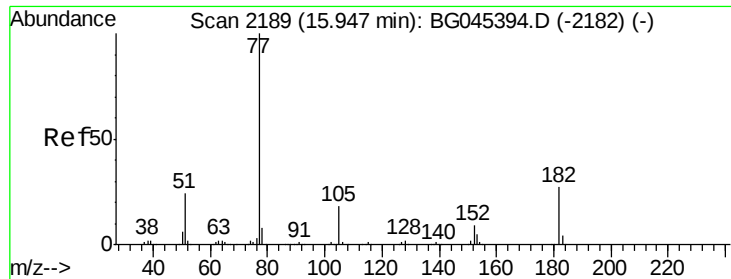
mohammad  
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#62  
4-Nitroaniline  
Concen: 45.779 ng  
RT: 15.68 min Scan# 2143  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 92      | 53.2  | 38.0 | 78.0  |       |
| 108     | 101.7 | 89.3 | 129.3 |       |





#63

Azobenzene

Concen: 48.134 ng

RT: 15.93 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

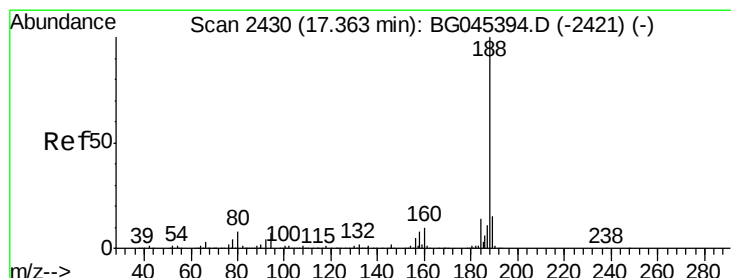
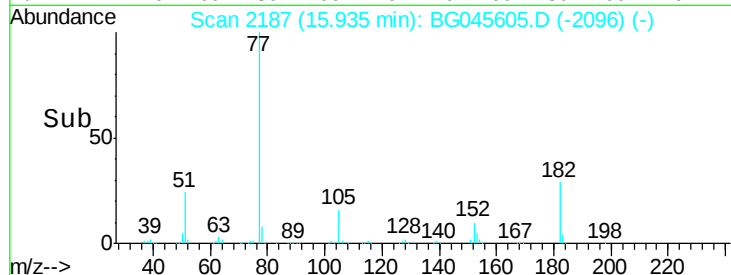
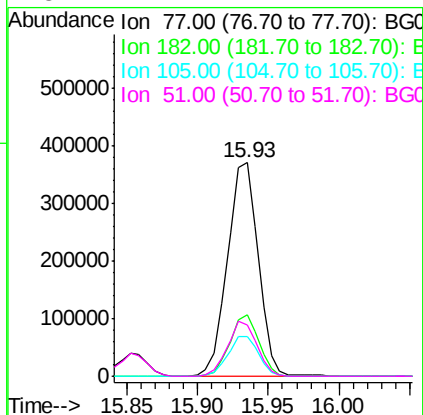
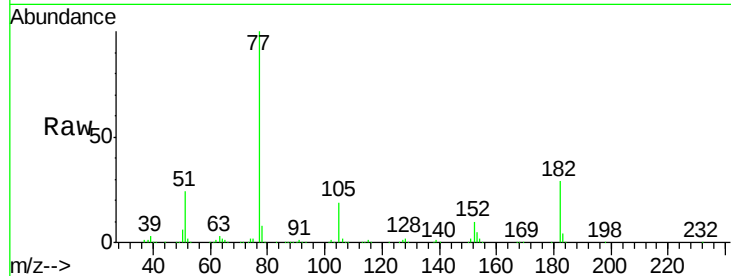
ClientSampleId :

PB129255BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 28.6 | 6.5   | 46.5  |       |
| 105     | 18.6 | 0.0   | 37.9  |       |
| 51      | 24.1 | 4.1   | 44.1  |       |

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#64

Phenanthrene-d10

Concen: 20.000 ng

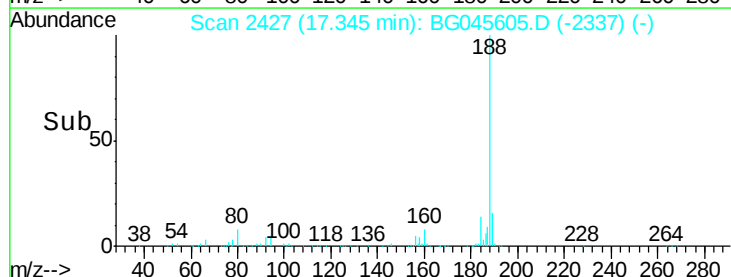
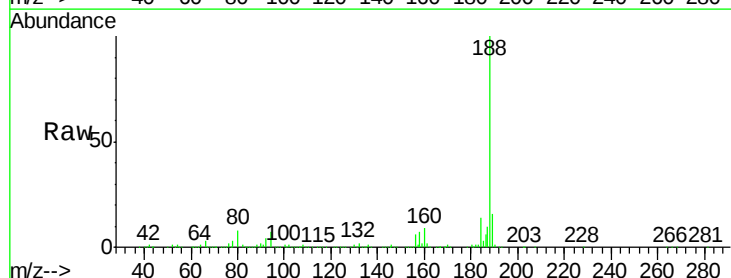
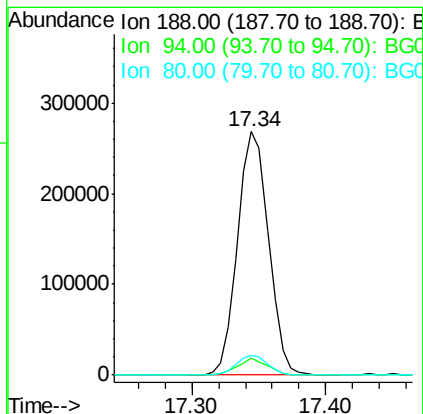
RT: 17.34 min Scan# 2427

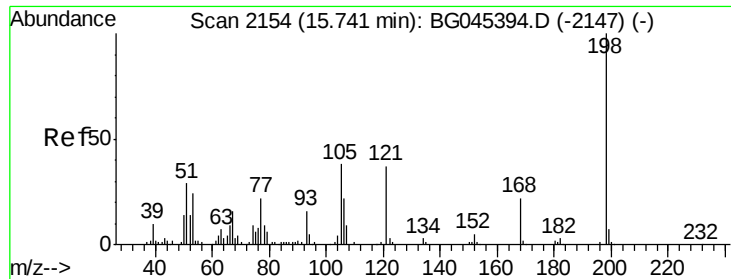
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.1 | 5.5   | 8.3   |       |
| 80      | 7.9 | 6.6   | 10.0  |       |





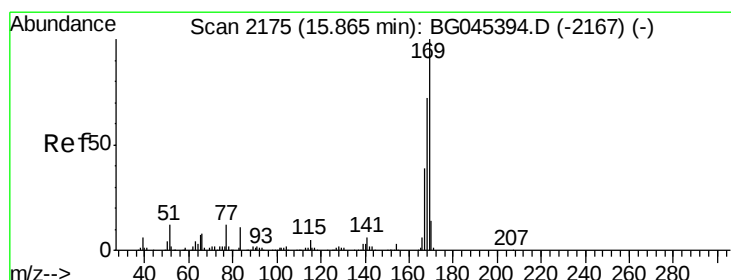
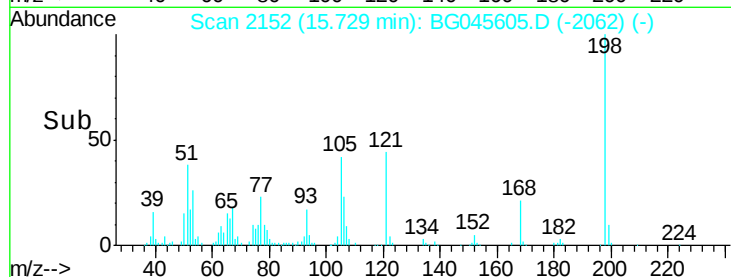
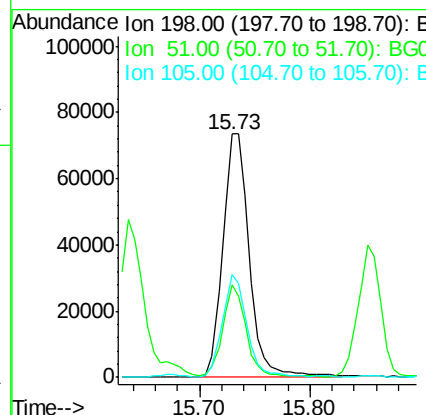
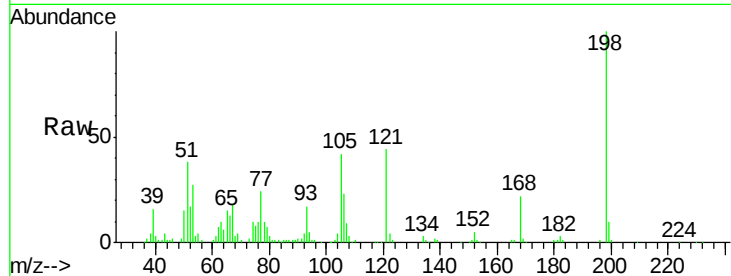
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.957 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 122757 |       |       |
| 51      | 37.9  | 10.0   | 50.0  |       |
| 105     | 42.1  | 18.9   | 58.9  |       |

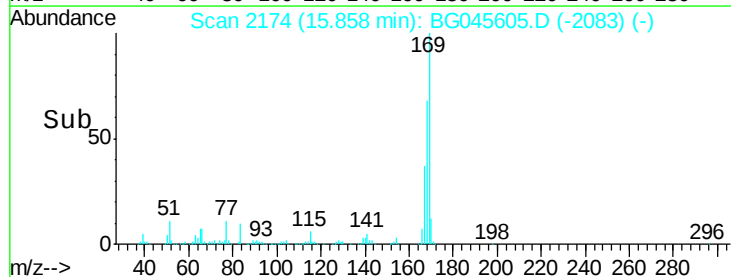
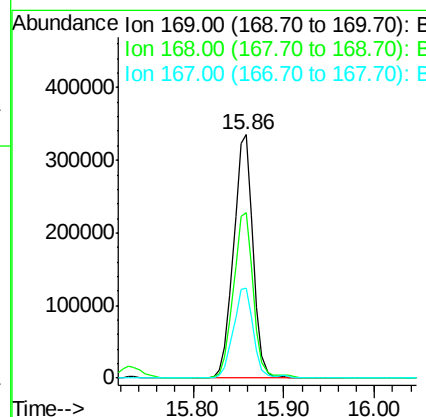
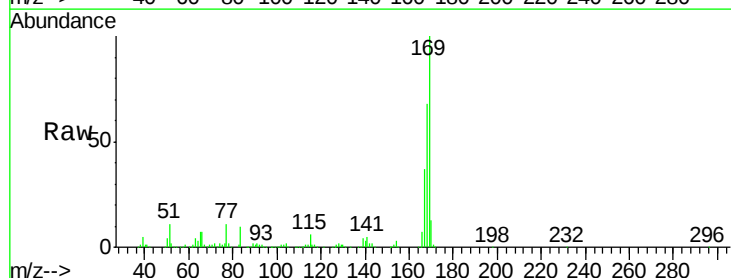
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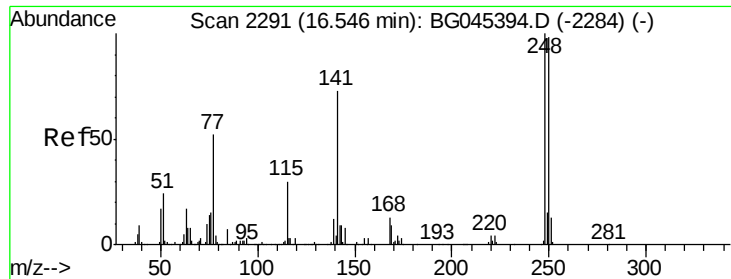
mohammad  
6/5/2020 10:29:59 AM



#66  
n-Nitrosodiphenylamine  
Concen: 48.638 ng  
RT: 15.86 min Scan# 2174  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 502775 |       |       |
| 168     | 68.1  | 57.8   | 86.6  |       |
| 167     | 36.8  | 31.5   | 47.3  |       |





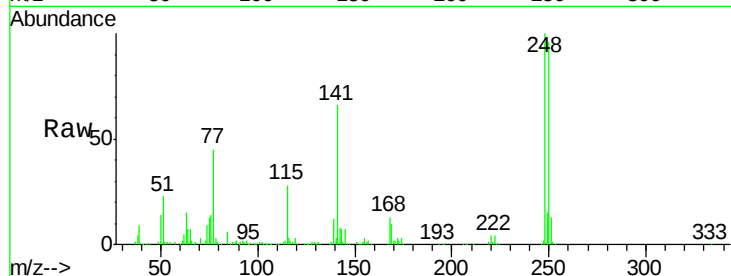
#67  
4-Bromophenyl-phenylether  
Concen: 46.517 ng  
RT: 16.53 min Scan# 2289  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.4  | 78.6  | 117.8 |
| 141     | 66.2  | 58.2  | 87.2  |

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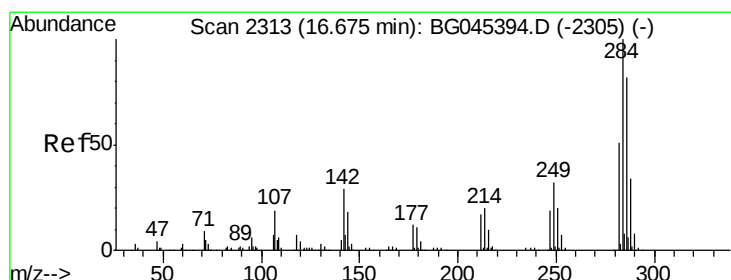
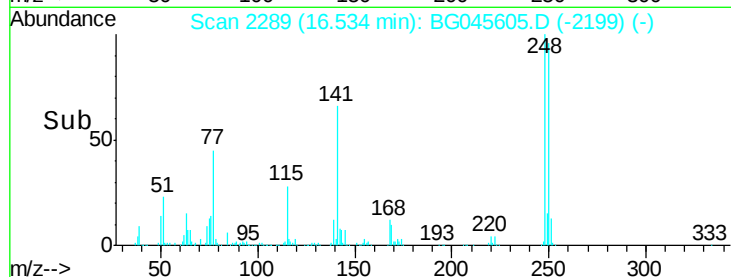
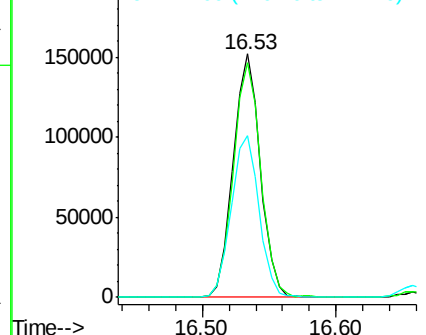


Abundance

Ion 248.00 (247.70 to 248.70): E

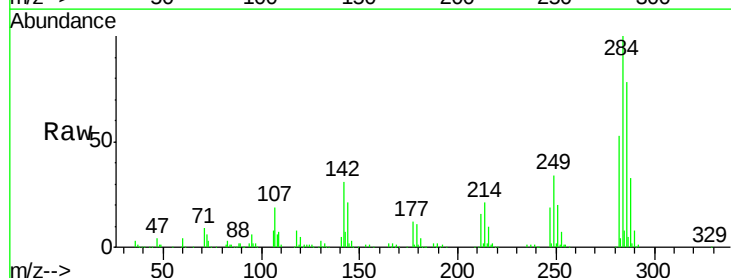
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 47.695 ng  
RT: 16.66 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.6  | 23.0  | 34.6  |
| 249     | 33.6  | 25.8  | 38.6  |

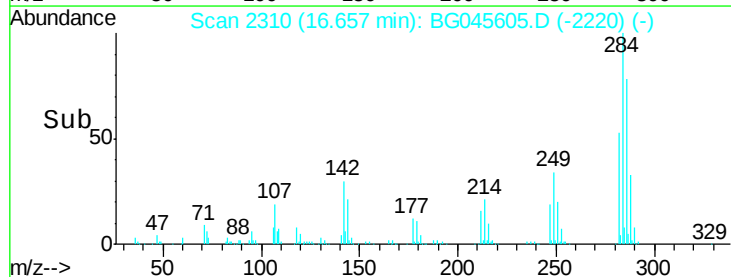
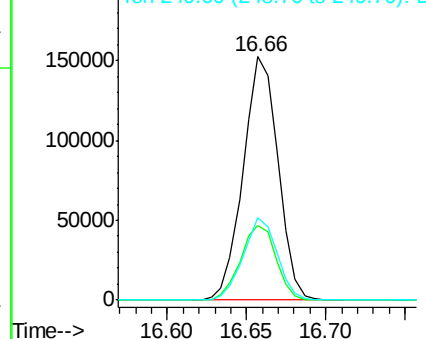


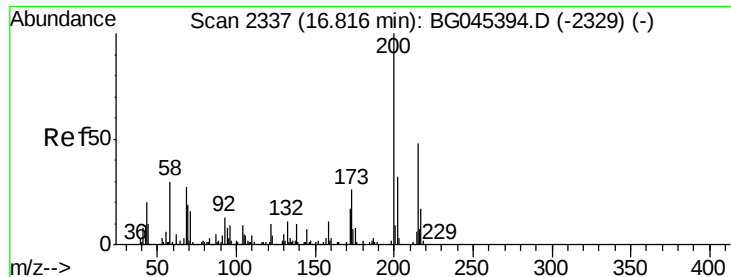
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





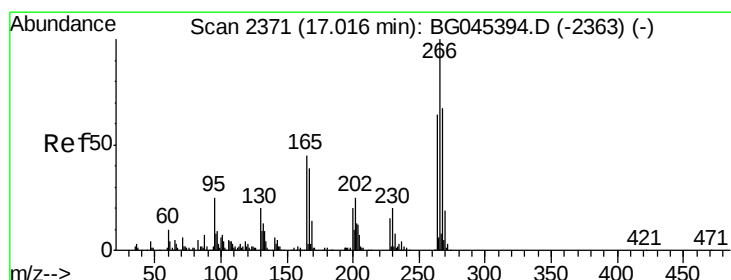
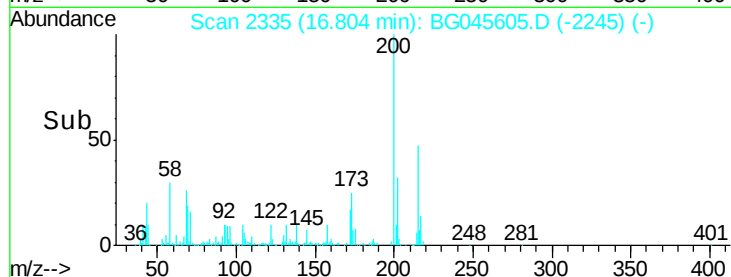
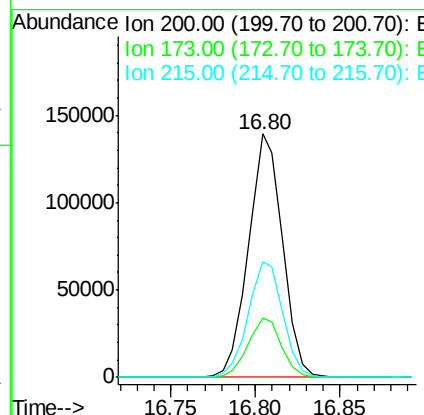
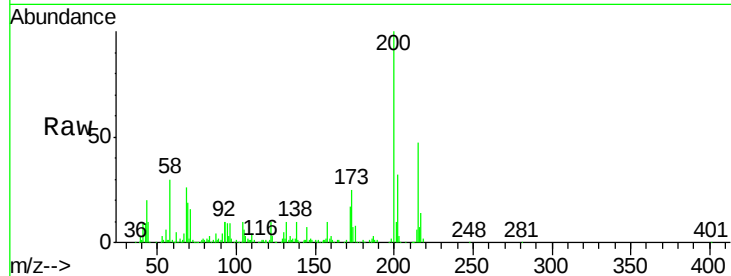
#69  
Atrazine  
Concen: 45.759 ng  
RT: 16.80 min Scan# 2335  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 194829 |       |       |
| 173     | 24.6  | 5.5    | 45.5  |       |
| 215     | 47.3  | 28.2   | 68.2  |       |

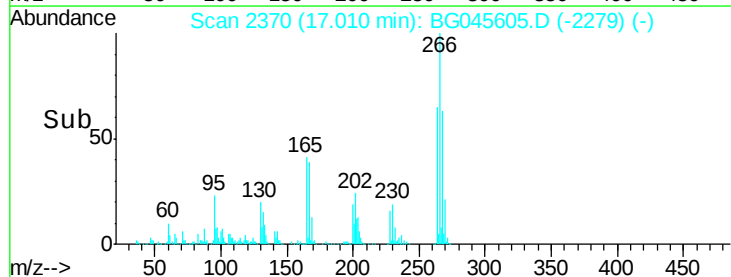
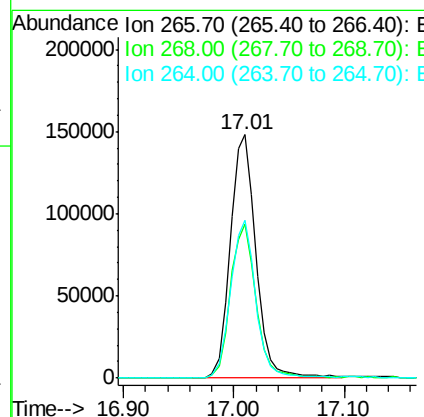
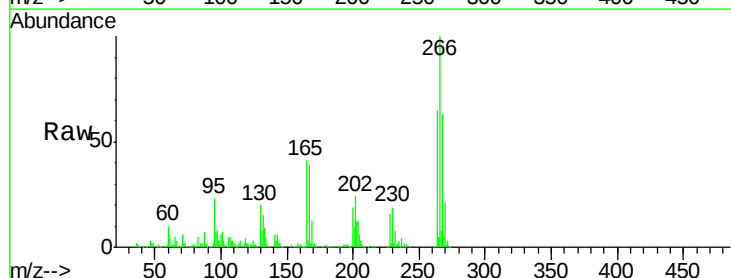
Manual Integrations  
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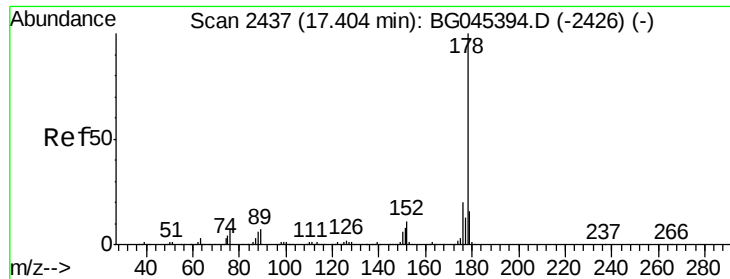
mohammad  
6/5/2020 10:29:59 AM



#70  
Pentachlorophenol  
Concen: 95.230 ng  
RT: 17.01 min Scan# 2370  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 241108 |       |       |
| 268     | 63.0  | 53.2   | 79.8  |       |
| 264     | 64.7  | 51.0   | 76.4  |       |





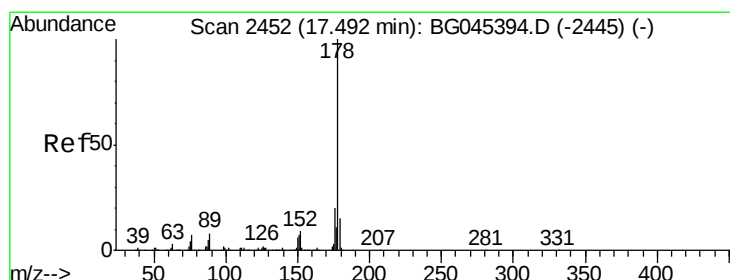
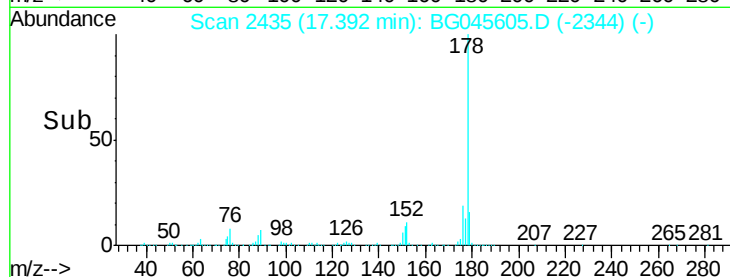
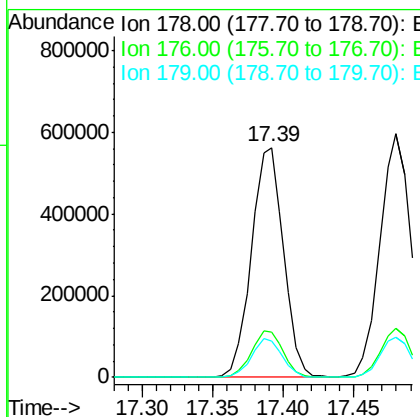
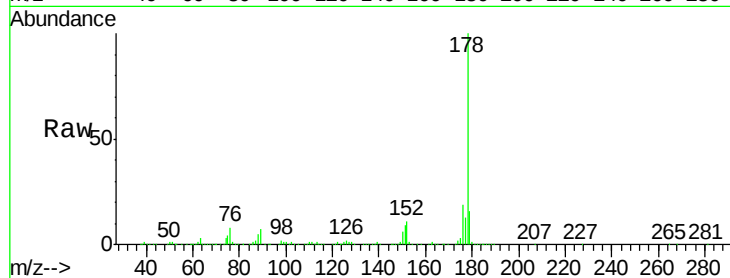
#71  
Phenanthrene  
Concen: 47.689 ng  
RT: 17.39 min Scan# 2435  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 16.2  | 24.4  |
| 179     | 15.9  | 13.1  | 19.7  |

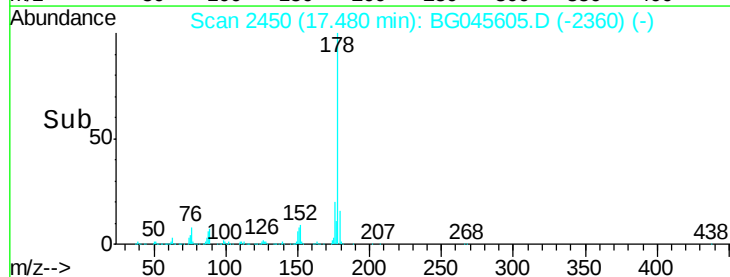
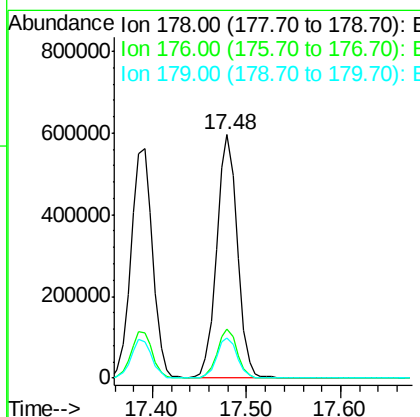
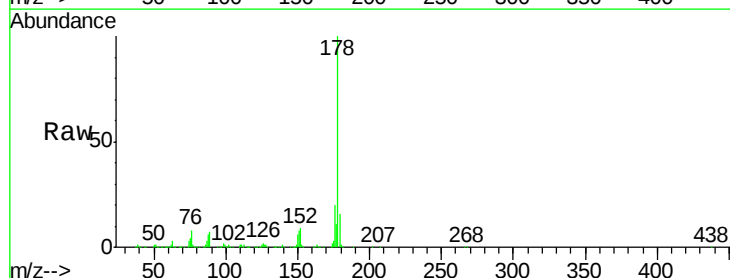
Manual Integrations  
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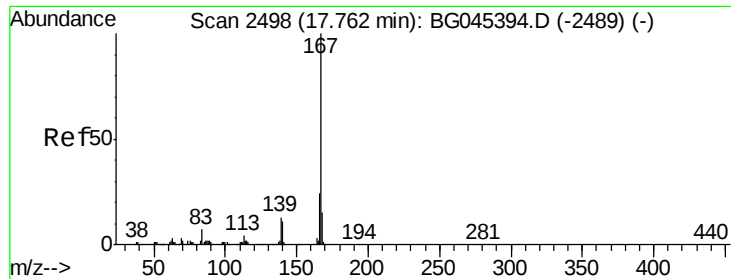
mohammad  
6/5/2020 10:29:59 AM



#72  
Anthracene  
Concen: 48.502 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.2  | 15.8  | 23.6  |
| 179     | 16.4  | 12.2  | 18.4  |





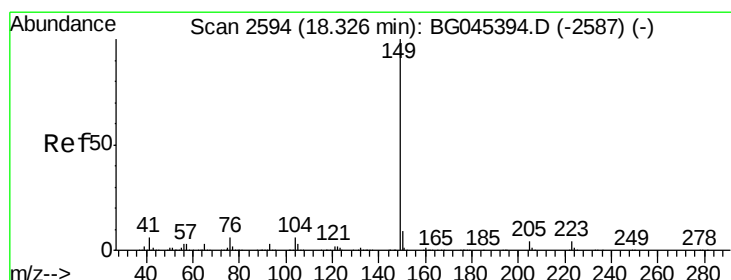
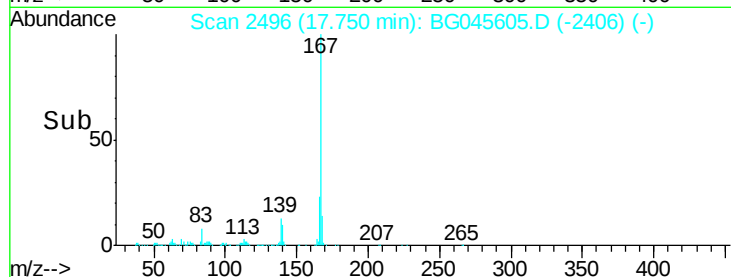
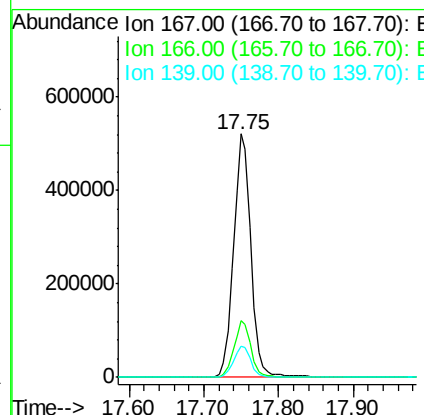
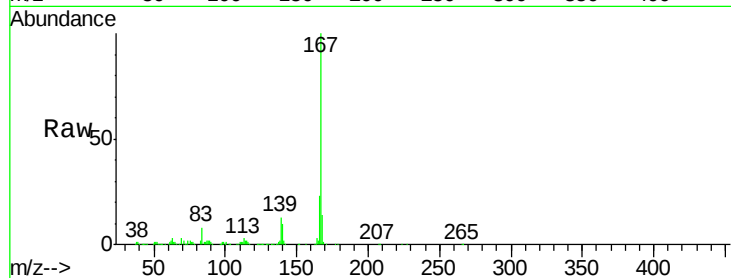
#73  
 Carbazole  
 Concen: 45.854 ng  
 RT: 17.75 min Scan# 2496  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.2  | 19.2  | 28.8  |
| 139     | 12.9  | 10.6  | 16.0  |

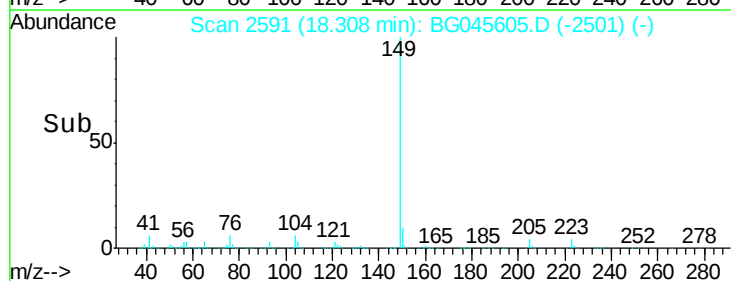
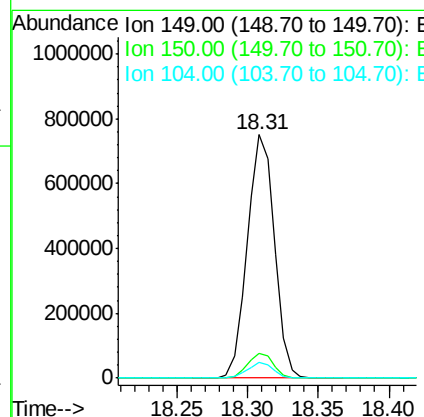
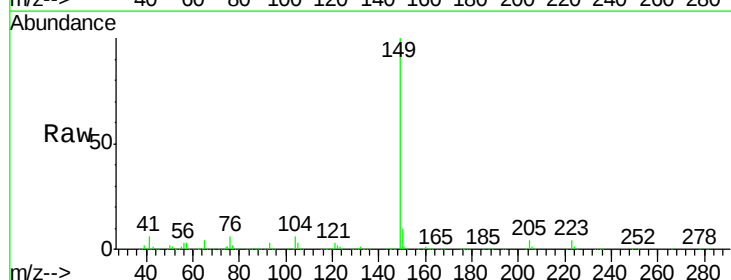
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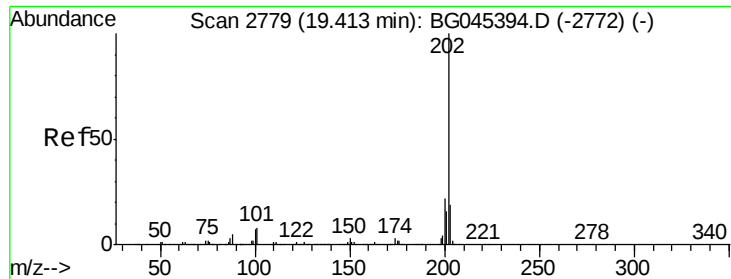
mohammad  
 6/5/2020 10:29:59 AM



#74  
 Di-n-butylphthalate  
 Concen: 45.690 ng  
 RT: 18.31 min Scan# 2591  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 7.6   | 11.4  |
| 104     | 6.3   | 5.0   | 7.4   |





#75

Fluoranthene

Concen: 45.789 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

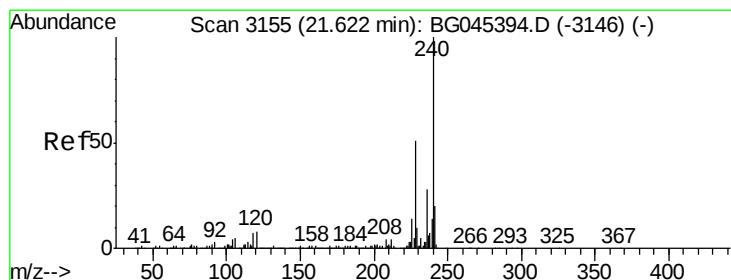
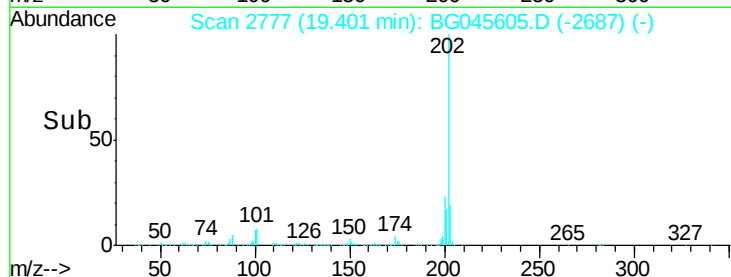
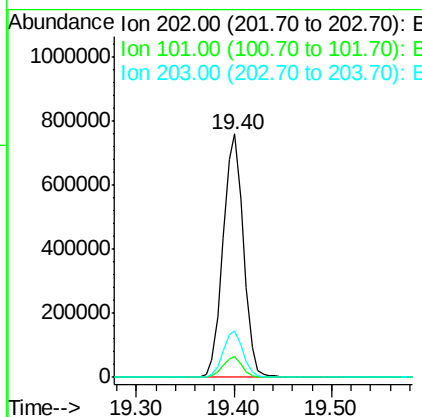
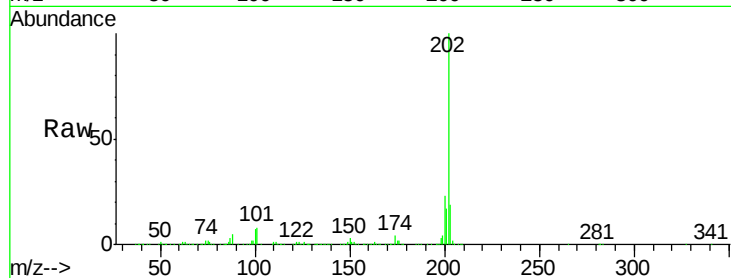
ClientSampleId :

PB129255BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1094656 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 8.4   | 0.0   | 28.3    |
| 203      | 19.3  | 0.0   | 39.0    |

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#76

Chrysene-d12

Concen: 20.000 ng

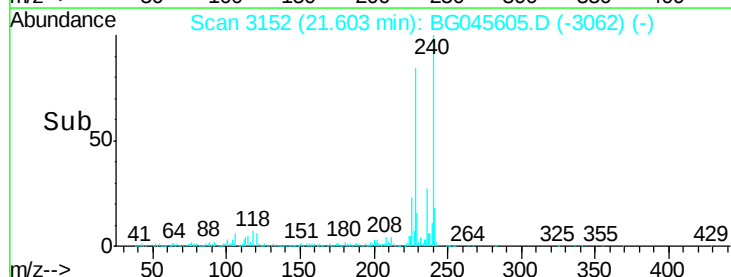
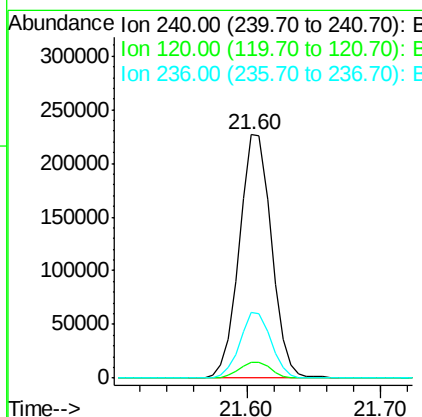
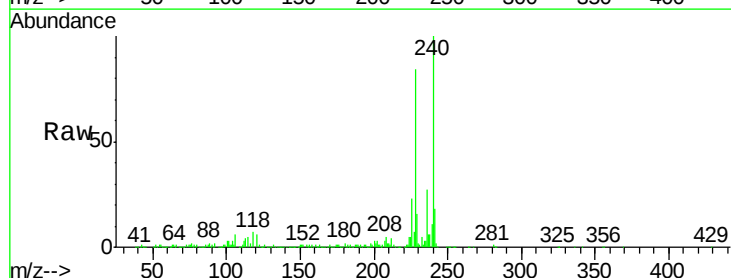
RT: 21.60 min Scan# 3152

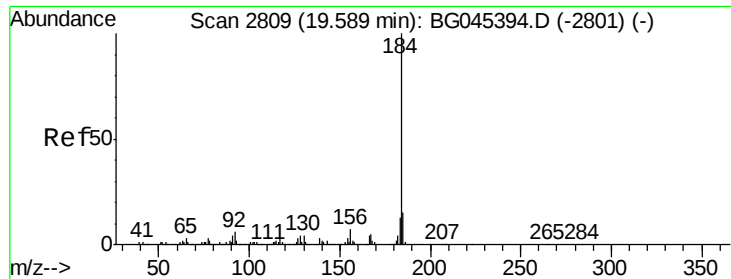
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 378272 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.3   | 6.1   | 9.1    |
| 236      | 27.0  | 22.3  | 33.5   |





#77

Benzidine

Concen: 46.189 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

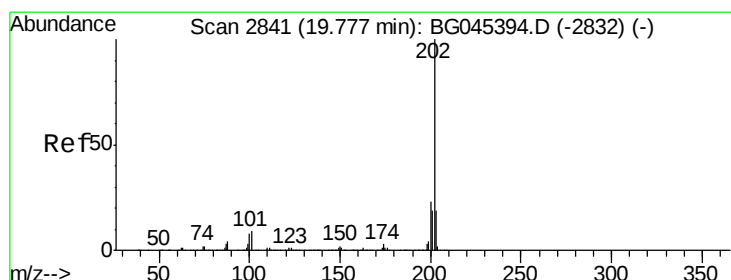
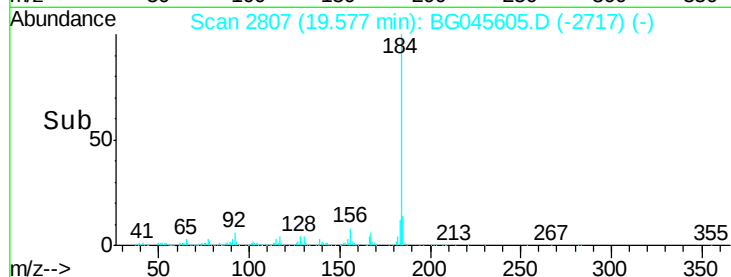
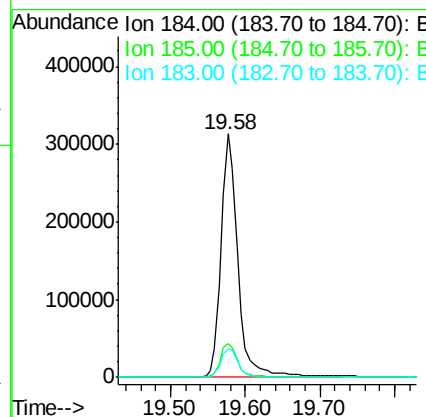
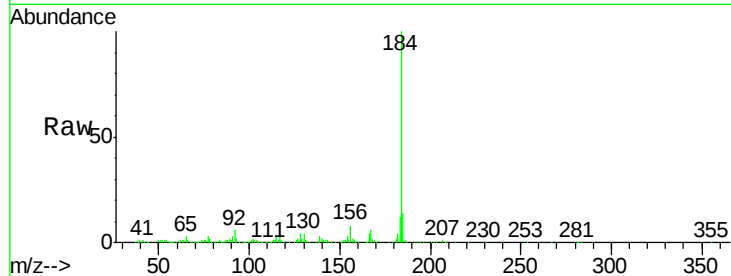
ClientSampleId :

PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.9  | 11.7  | 17.5  |
| 183     | 11.6  | 10.2  | 15.4  |

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#78

Pyrene

Concen: 50.273 ng

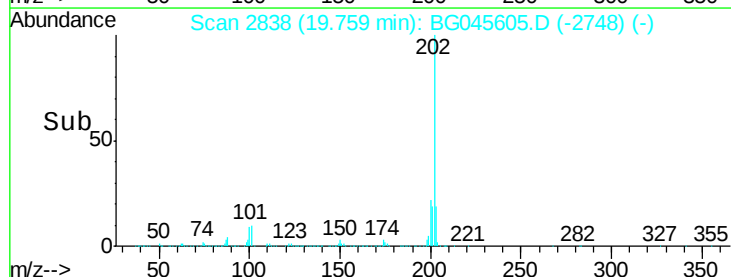
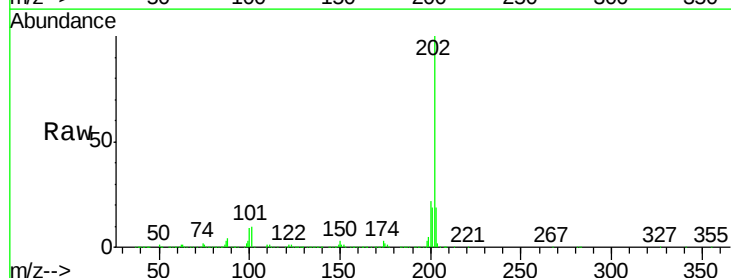
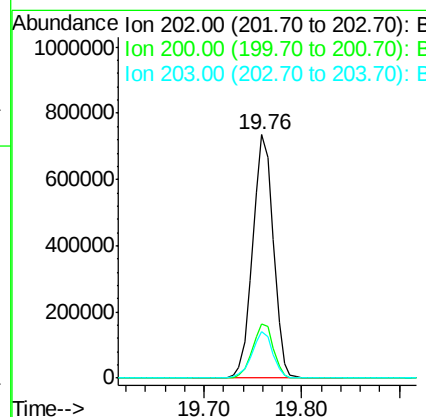
RT: 19.76 min Scan# 2838

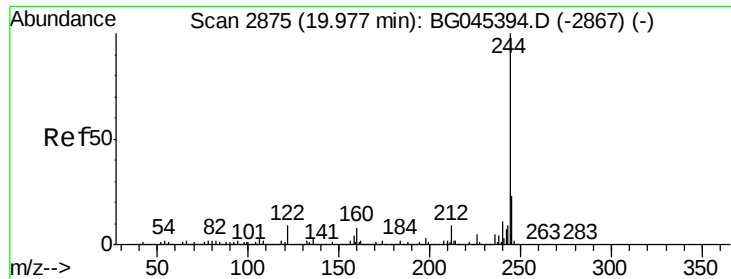
Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.3  | 18.2  | 27.2  |
| 203     | 19.1  | 15.1  | 22.7  |





#79

Terphenyl-d14

Concen: 103.123 ng

RT: 19.96 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

ClientSampleId :

PB129255BS

Tot Ion:244 Resp: 1672537

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

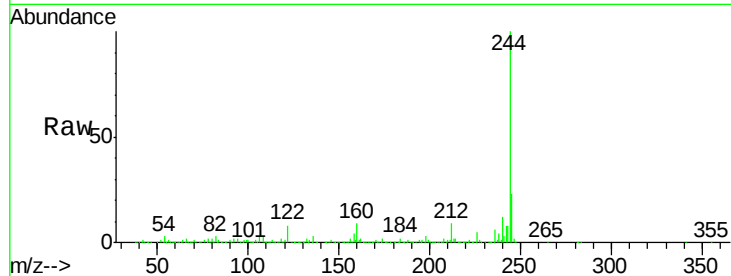
122 8.3 6.8 10.2

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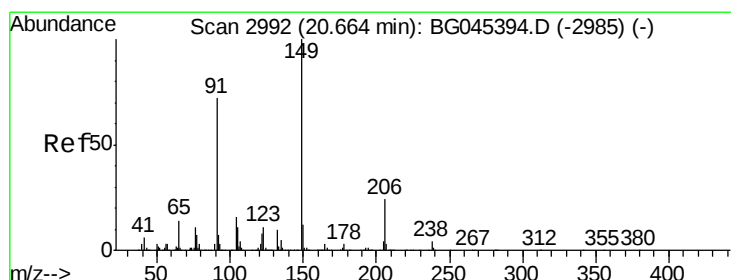
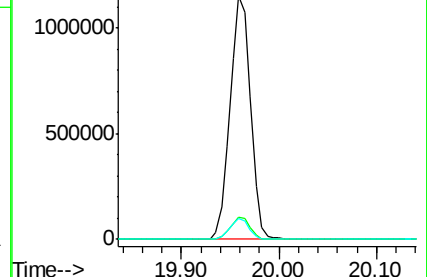
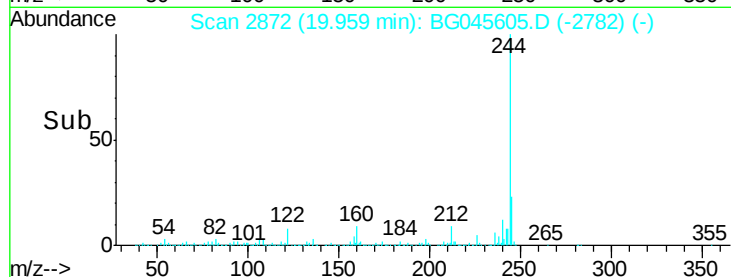
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.537 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

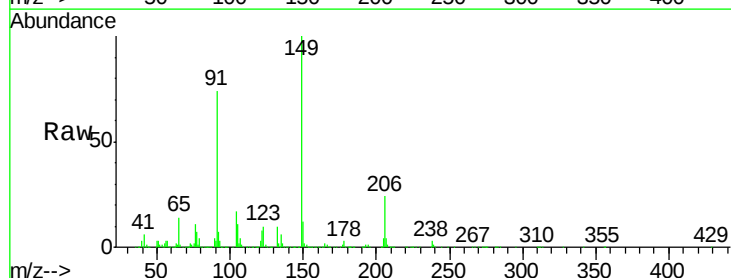
Tgt Ion:149 Resp: 433137

Ion Ratio Lower Upper

149 100

91 73.7 57.8 86.6

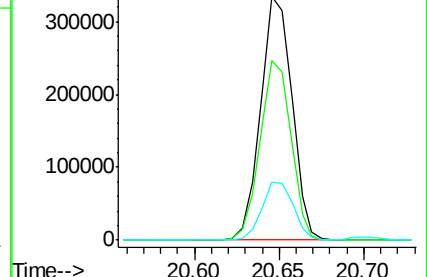
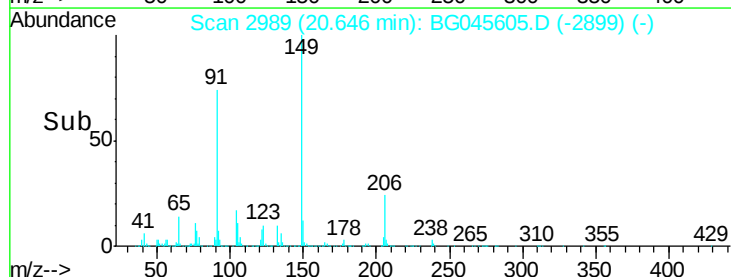
206 23.7 19.1 28.7

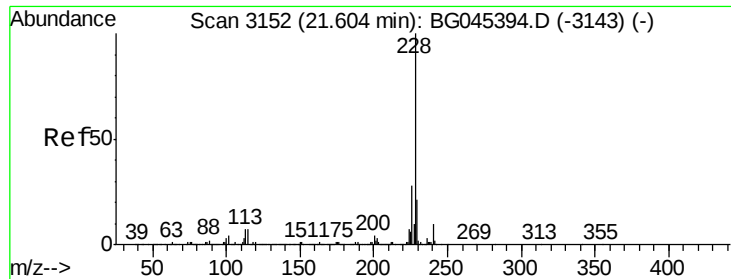


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.053 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

ClientSampleId :

PB129255BS

Tot Ion:228 Resp: 1033658

Ion Ratio Lower Upper

228 100

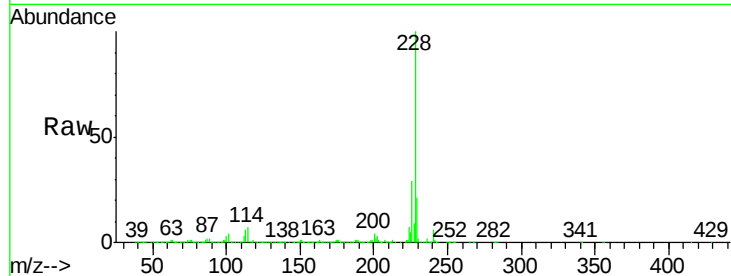
226 28.8 22.7 34.1

229 21.2 16.7 25.1

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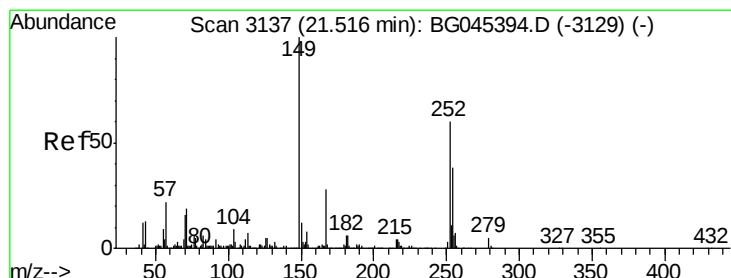
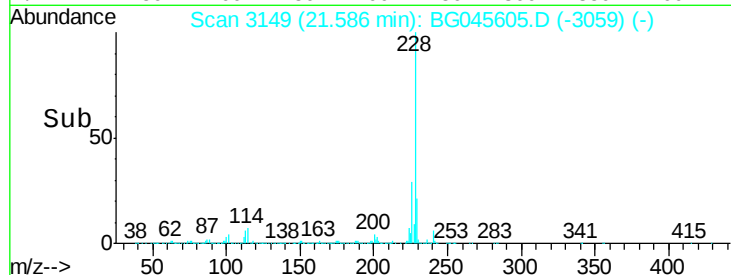
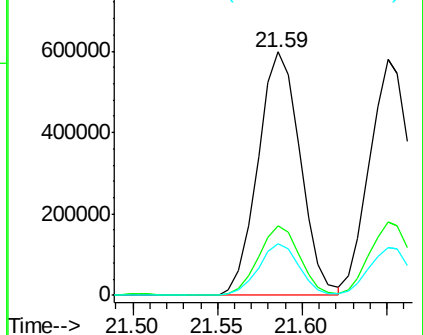
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.278 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

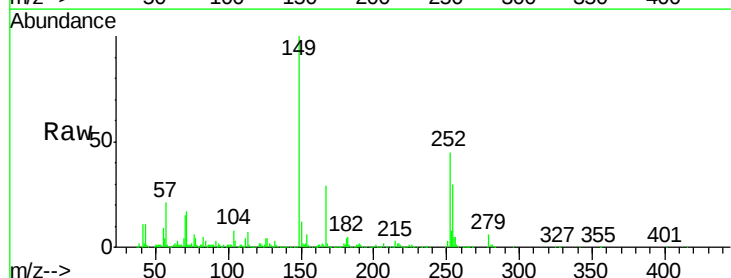
Tgt Ion:252 Resp: 283336

Ion Ratio Lower Upper

252 100

254 67.0 51.3 76.9

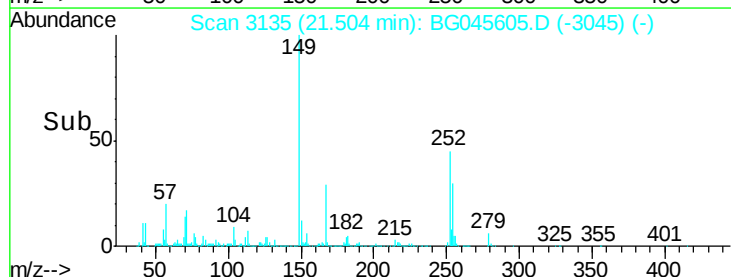
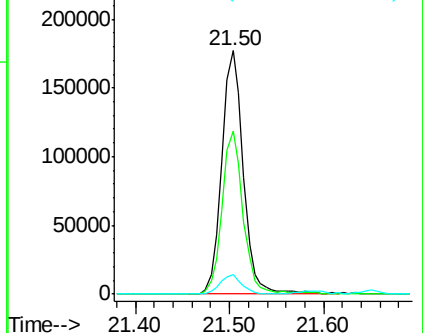
126 8.3 6.6 10.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





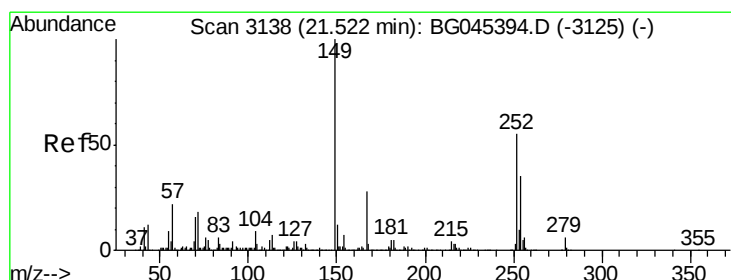
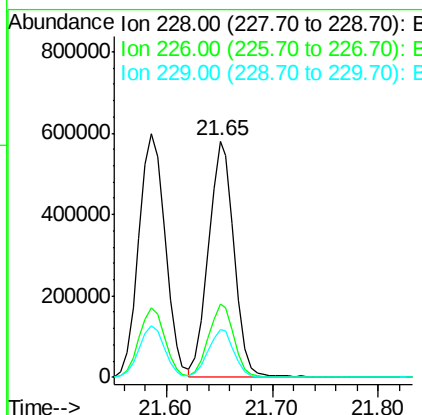
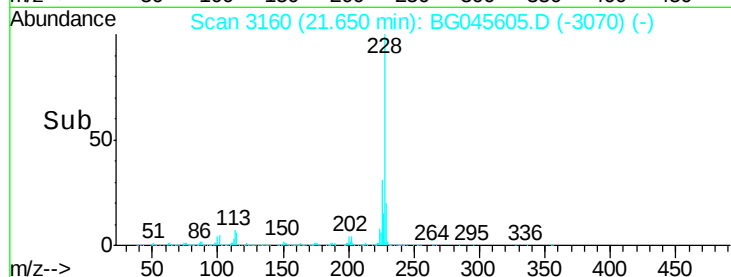
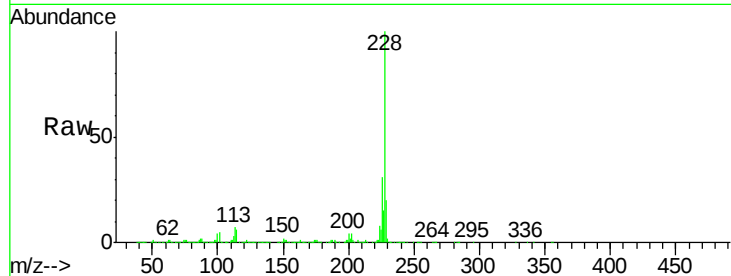
#83  
 Chrysene  
 Concen: 48.204 ng  
 RT: 21.65 min Scan# 3160  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.2  | 25.2  | 37.8  |
| 229     | 20.4  | 16.7  | 25.1  |

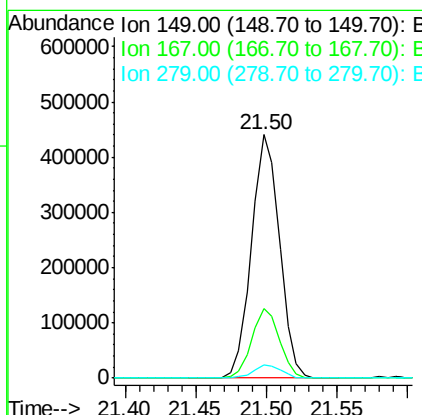
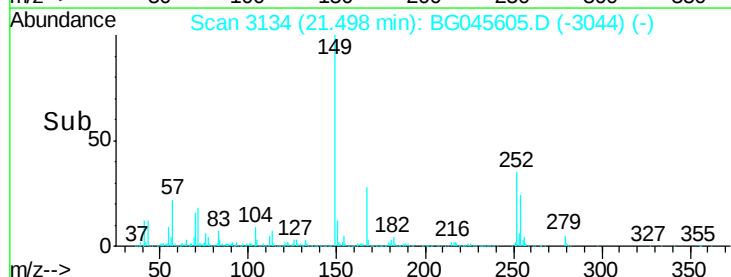
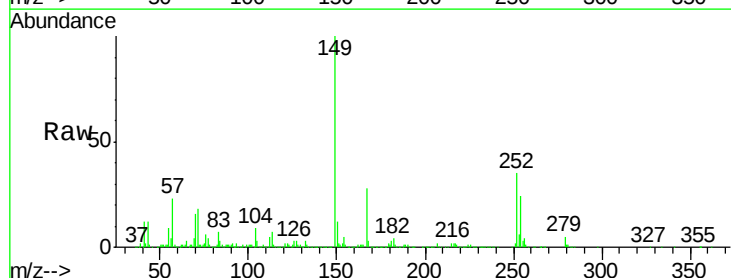
Manual Integrations  
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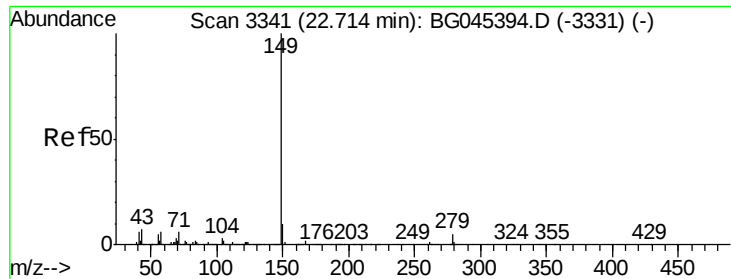
mohammad  
 6/5/2020 10:29:59 AM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.525 ng  
 RT: 21.50 min Scan# 3134  
 Delta R.T. -0.00 min  
 Lab File: BG045605.D  
 Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.4  | 22.2  | 33.2  |
| 279     | 5.3   | 4.7   | 7.1   |





#85

Di-n-octyl phthalate

Concen: 46.714 ng

RT: 22.68 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

ClientSampleId :

PB129255BS

Tot Ion:149 Resp: 1026498

Ion Ratio Lower Upper

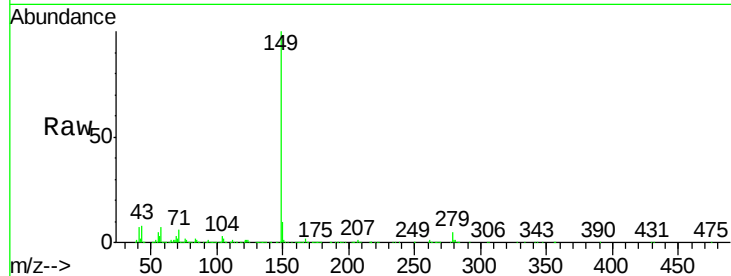
149 100

167 1.7 1.4 2.0

43 7.5 5.8 8.8

Manual Integrations  
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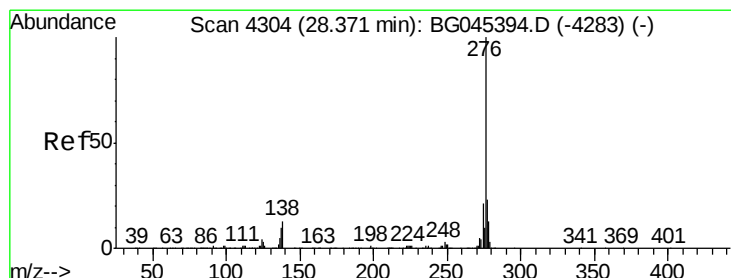
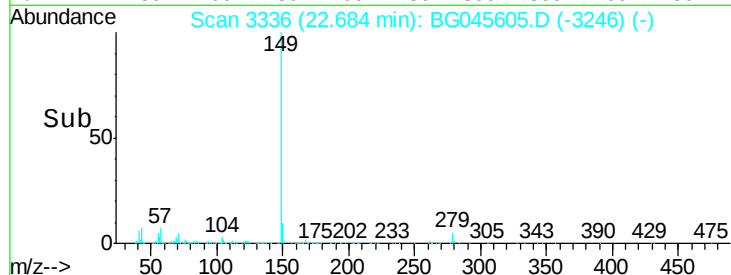
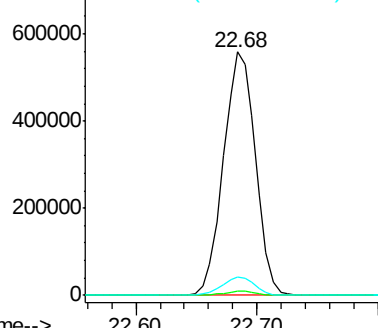
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 48.041 ng

RT: 28.34 min Scan# 4298

Delta R.T. 0.01 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

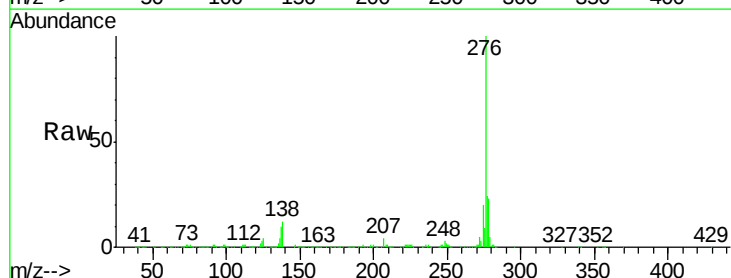
Tgt Ion:276 Resp: 1272880

Ion Ratio Lower Upper

276 100

138 14.6 8.6 12.8#

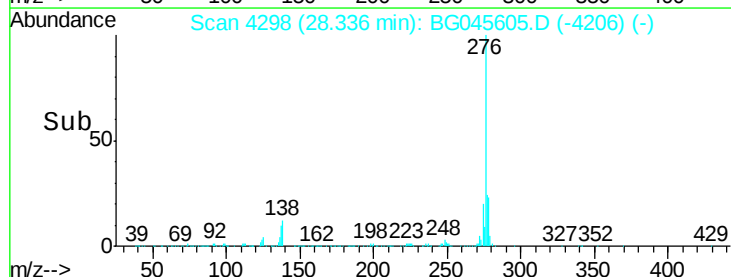
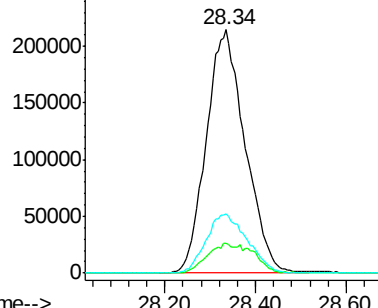
277 25.8 20.2 30.4

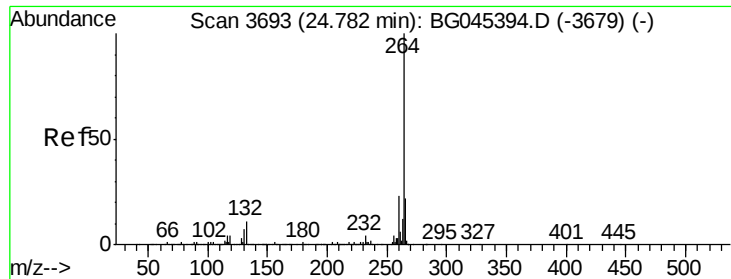


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

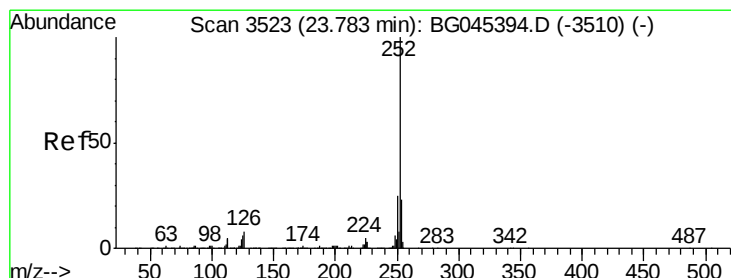
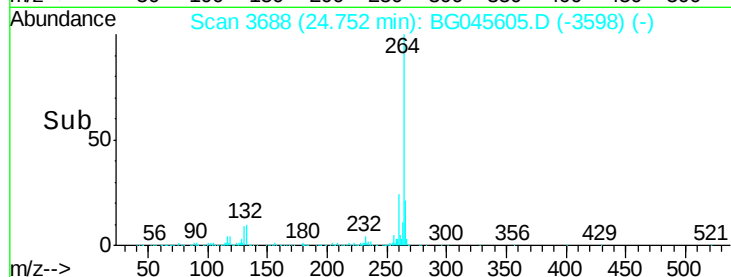
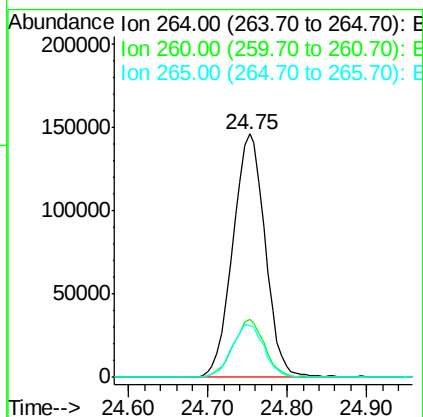
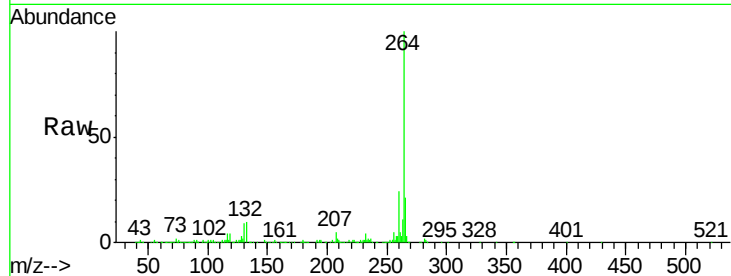
ClientSampleId :

PB129255BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 412782 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.6  | 18.2  | 27.4   |
| 265       | 21.1  | 17.6  | 26.4   |

Manual Integrations  
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#88

Benzo(b)fluoranthene

Concen: 48.552 ng

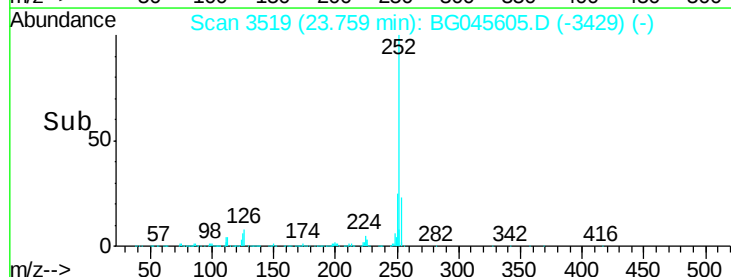
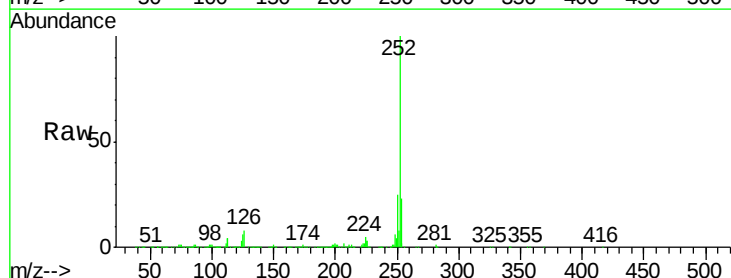
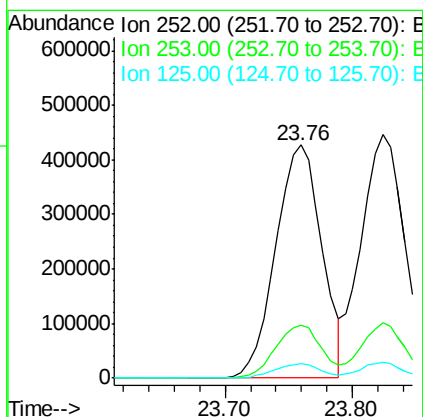
RT: 23.76 min Scan# 3519

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1074834 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 22.9  | 18.1  | 27.1    |
| 125       | 6.3   | 5.0   | 7.6     |





#89

Benzo(k)fluoranthene

Concen: 51.314 ng

RT: 23.82 min Scan# 3530

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

Instrument :

BNA\_G

ClientSampleId :

PB129255BS

Tot Ion:252 Resp: 1067236

Ion Ratio Lower Upper

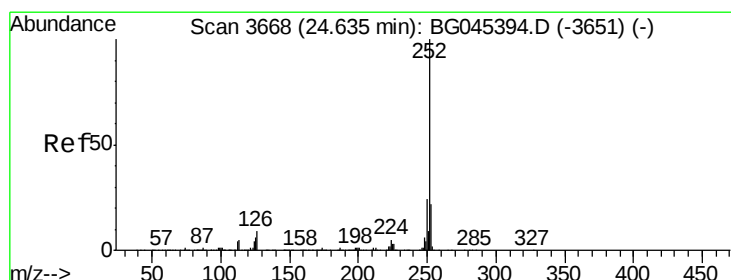
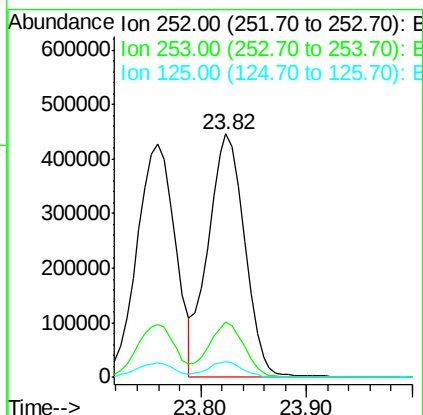
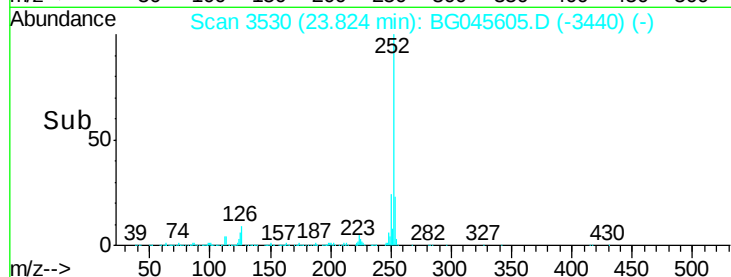
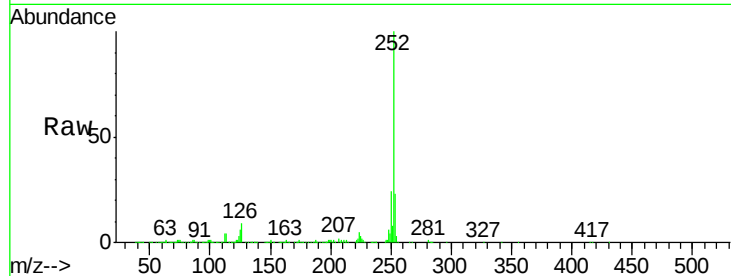
252 100

253 22.8 18.4 27.6

125 6.4 5.7 8.5

Manual Integrations  
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#90

Benzo(a)pyrene

Concen: 48.228 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BG045605.D

Acq: 4 Jun 2020 14:54

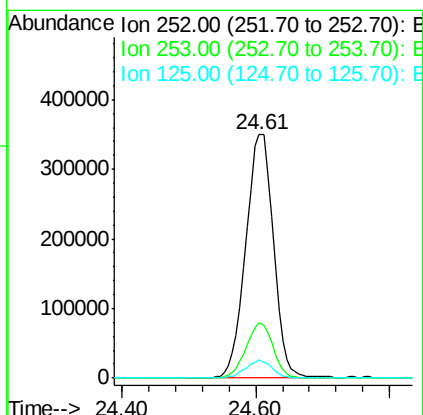
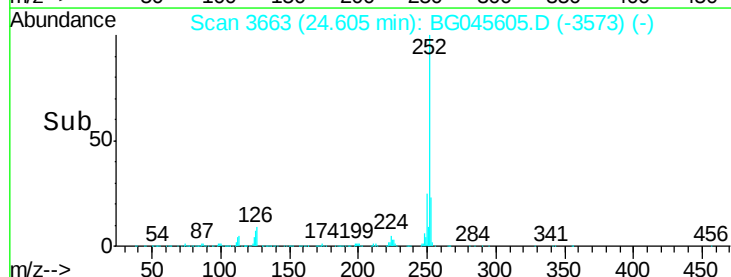
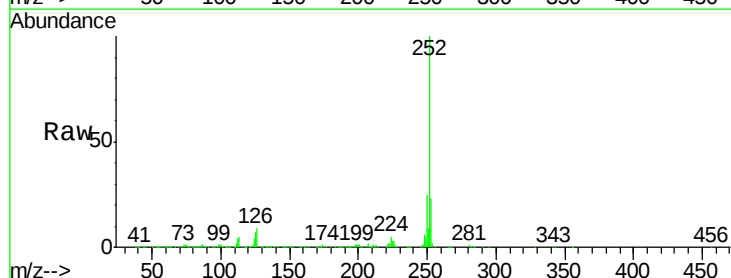
Tgt Ion:252 Resp: 994356

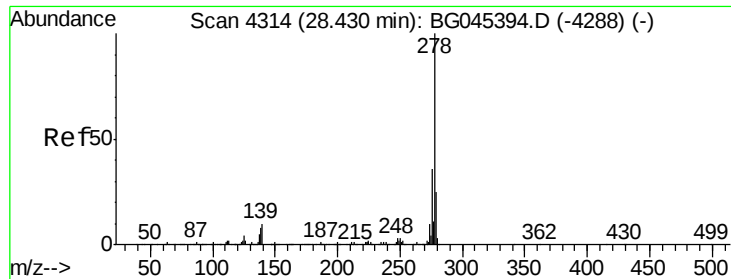
Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

125 7.4 5.0 7.6





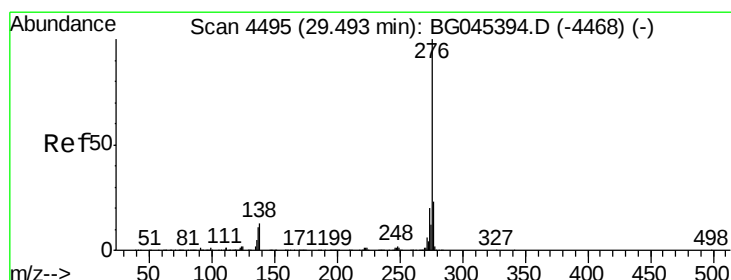
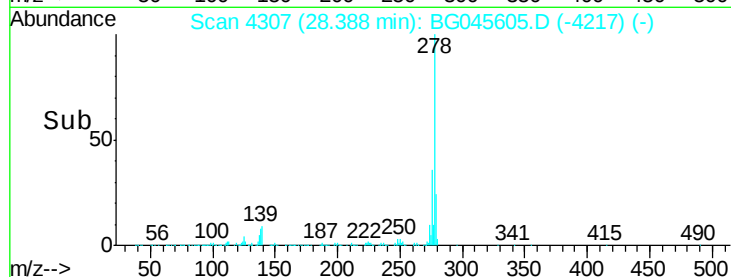
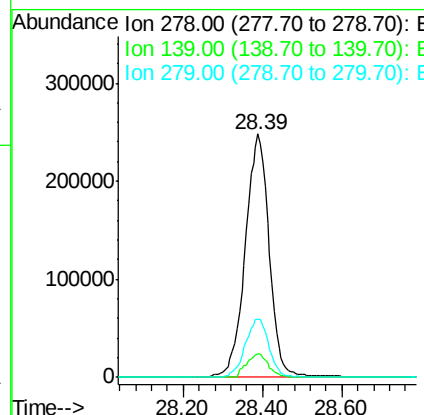
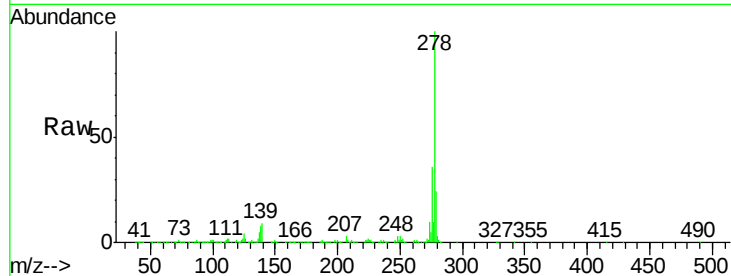
#91  
Dibenzo(a,h)anthracene  
Concen: 50.187 ng  
RT: 28.39 min Scan# 4307  
Delta R.T. -0.00 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
PB129255BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.4   | 7.8   | 11.8  |
| 279     | 24.1  | 19.8  | 29.8  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 50.923 ng  
RT: 29.45 min Scan# 4487  
Delta R.T. 0.01 min  
Lab File: BG045605.D  
Acq: 4 Jun 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.0  | 18.1  | 27.1  |
| 138     | 11.2  | 10.2  | 15.4  |

