

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\  
 Data File : BG043948.D  
 Acq On : 7 Jan 2020 9:58  
 Operator : JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

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 1/8/2020 4:25:57 PM

Quant Time: Jan 07 16:49:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.96  | 152  | 134294   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 575941   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.59 | 164  | 379995   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.34 | 188  | 809883   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.59 | 240  | 672041   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.71 | 264  | 779993   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.54  | 112 | 622584  | 85.12 | ng | 0.00 |
| 7) Phenol-d6             | 7.12  | 99  | 873259  | 85.42 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.12  | 82  | 816435  | 75.83 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.08 | 330 | 339270  | 85.32 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.22 | 172 | 1745642 | 83.23 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.95 | 244 | 2296713 | 81.50 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 133617  | 41.899 | ng | 96     |
| 3) Pyridine                    | 3.83  | 79  | 398231  | 42.271 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.74  | 42  | 165012  | 39.341 | ng | 99     |
| 6) Aniline                     | 7.28  | 93  | 541452  | 40.321 | ng | 98     |
| 8) 2-Chlorophenol              | 7.53  | 128 | 350570  | 40.828 | ng | 98     |
| 9) Benzaldehyde                | 7.09  | 77  | 237479  | 36.293 | ng | 98     |
| 10) Phenol                     | 7.15  | 94  | 444688  | 42.216 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.38  | 93  | 358453  | 39.423 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.85  | 146 | 406799  | 40.486 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.99  | 146 | 403942  | 40.744 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.32  | 146 | 383633  | 40.315 | ng | 99     |
| 15) Benzyl Alcohol             | 8.19  | 79  | 322754  | 40.000 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.49  | 45  | 529315  | 37.627 | ng | 99     |
| 17) 2-Methylphenol             | 8.40  | 107 | 314890  | 41.309 | ng | 99     |
| 18) Hexachloroethane           | 9.05  | 117 | 154885  | 40.149 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.77  | 70  | 296396  | 38.929 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.73  | 107 | 438412  | 41.228 | ng | 97     |
| 22) Acetophenone               | 8.78  | 105 | 562779  | 39.305 | ng | # 98   |
| 24) Nitrobenzene               | 9.16  | 77  | 408855  | 38.343 | ng | 98     |
| 25) Isophorone                 | 9.69  | 82  | 784452  | 38.838 | ng | 99     |
| 26) 2-Nitrophenol              | 9.87  | 139 | 206656  | 40.964 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.93  | 122 | 302633  | 39.852 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.17 | 93  | 524827  | 38.975 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.41 | 162 | 369851  | 40.830 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.63 | 180 | 402246  | 39.604 | ng | 98     |
| 31) Naphthalene                | 10.81 | 128 | 1130581 | 40.565 | ng | 99     |
| 32) Benzoic acid               | 10.07 | 122 | 185702m | 32.373 | ng |        |
| 33) 4-Chloroaniline            | 10.91 | 127 | 535030  | 40.248 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.11 | 225 | 242799  | 39.154 | ng | 98     |
| 35) Caprolactam                | 11.69 | 113 | 138619  | 41.107 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 12.04 | 107 | 405328  | 42.033 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.42 | 142 | 850977  | 40.556 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.64 | 142 | 811190  | 40.791 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 440740  | 39.572 | ng | 100    |

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Instrument :  
 BNA\_G  
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 SSTDCCC040

Manual Integrations  
 APPROVED

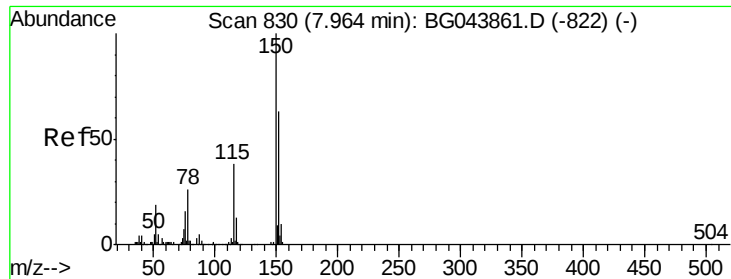
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 1/8/2020 4:25:57 PM

Quant Time: Jan 07 16:49:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 31 13:32:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.78 | 237  | 209447   | 36.273 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.02 | 196  | 308202   | 40.216 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.10 | 196  | 321519   | 40.677 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.43 | 154  | 1113507  | 40.870 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.47 | 162  | 885723   | 40.231 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.66 | 65   | 291502   | 41.162 | nq    | 99       |
| 49) Acenaphthylene             | 14.32 | 152  | 1307145  | 41.309 | nq    | 99       |
| 50) Dimethylphthalate          | 14.05 | 163  | 1112083  | 41.217 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.16 | 165  | 250614   | 41.095 | nq    | 99       |
| 52) Acenaphthene               | 14.66 | 154  | 898132   | 40.473 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.49 | 138  | 287098   | 41.457 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.69 | 184  | 99920    | 35.440 | nq    | 95       |
| 55) Dibenzofuran               | 14.99 | 168  | 1270521  | 41.590 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.80 | 139  | 213991   | 40.324 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.94 | 165  | 348468   | 41.994 | nq    | 95       |
| 58) Fluorene                   | 15.64 | 166  | 1012719  | 41.826 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 286788   | 42.196 | nq    | 97       |
| 60) Diethylphthalate           | 15.41 | 149  | 1138688  | 42.195 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204  | 543645   | 41.350 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.65 | 138  | 294156   | 43.013 | nq    | 97       |
| 63) Azobenzene                 | 15.93 | 77   | 1048077  | 41.878 | nq    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.71 | 198  | 156492   | 38.463 | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.84 | 169  | 943652   | 39.566 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.52 | 248  | 358615   | 39.371 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.65 | 284  | 390356   | 39.772 | nq    | 99       |
| 69) Atrazine                   | 16.80 | 200  | 311336   | 40.159 | nq    | 99       |
| 70) Pentachlorophenol          | 16.99 | 266  | 198829   | 36.749 | nq    | 97       |
| 71) Phenanthrene               | 17.38 | 178  | 1582549  | 40.739 | nq    | 99       |
| 72) Anthracene                 | 17.46 | 178  | 1566983  | 40.816 | nq    | 100      |
| 73) Carbazole                  | 17.74 | 167  | 1464946  | 41.310 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.31 | 149  | 1812239  | 40.026 | nq    | 99       |
| 75) Fluoranthene               | 19.39 | 202  | 1776059  | 39.978 | nq    | 100      |
| 77) Benzidine                  | 19.56 | 184  | 810186   | 47.962 | nq    | 98       |
| 78) Pyrene                     | 19.74 | 202  | 1773585  | 40.431 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.64 | 149  | 866204   | 41.476 | nq    | 98       |
| 81) Benzo(a)anthracene         | 21.57 | 228  | 1721436  | 41.310 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.48 | 252  | 667946   | 40.572 | nq    | 100      |
| 83) Chrysene                   | 21.63 | 228  | 1650661  | 41.688 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.50 | 149  | 1176558  | 40.829 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.68 | 149  | 2022564  | 41.749 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.25 | 276  | 2089727  | 38.835 | nq    | # 91     |
| 88) Benzo(b)fluoranthene       | 23.72 | 252  | 1860266  | 40.343 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 23.79 | 252  | 1771292  | 40.395 | nq    | 99       |
| 90) Benzo(a)pyrene             | 24.56 | 252  | 1756867  | 40.368 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.32 | 278  | 1709071  | 39.102 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.36 | 276  | 1651003  | 38.028 | nq    | 98       |

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





#1

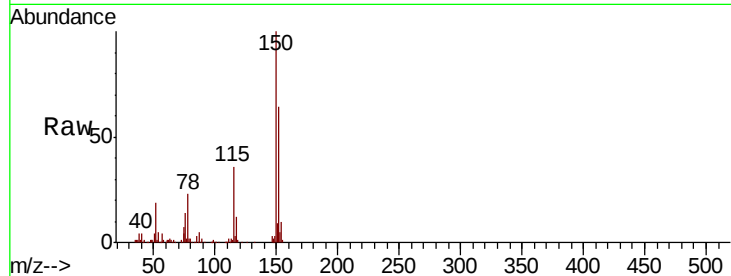
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.96 min Scan# 830  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.9 | 127.0 | 190.4 |
| 115     | 56.1  | 47.8  | 71.8  |

Manual Integrations  
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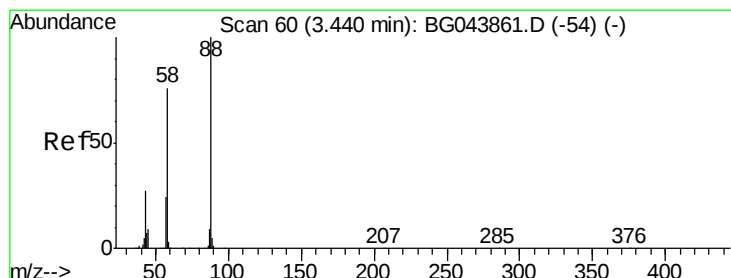
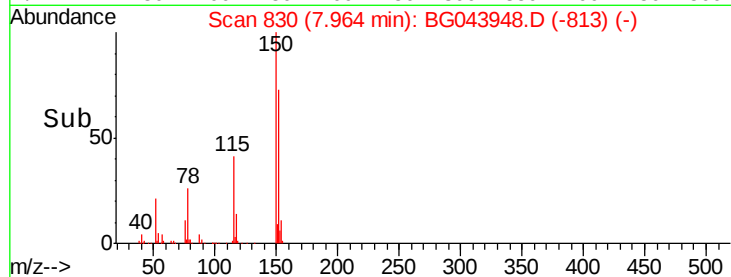
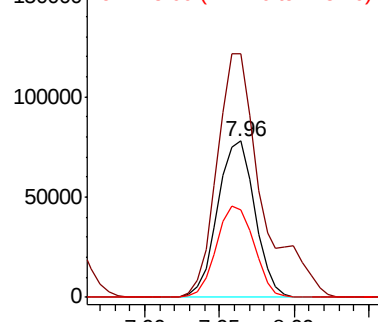


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

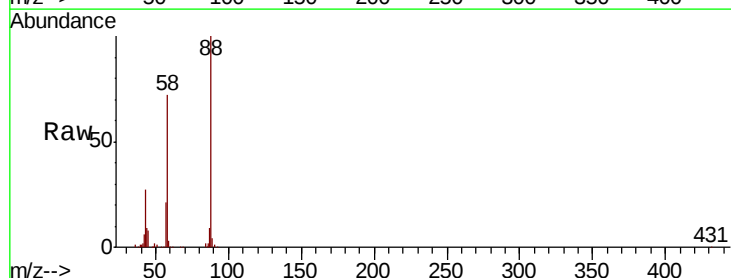
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 41.899 ng  
RT: 3.43 min Scan# 59  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 70.7  | 59.8  | 89.8  |
| 43      | 27.5  | 22.9  | 34.3  |

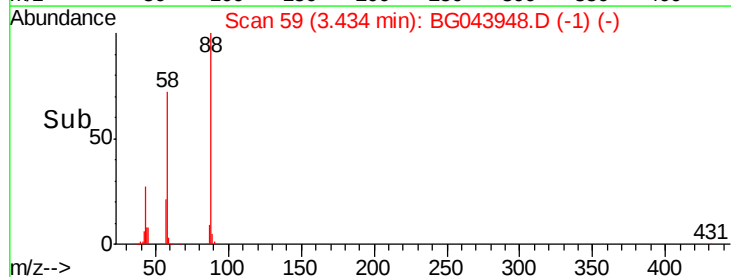
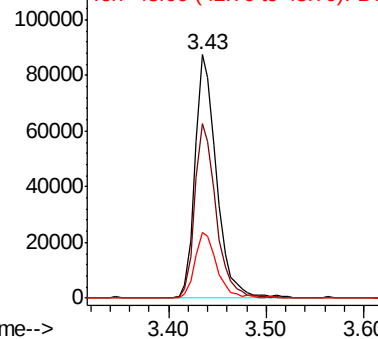


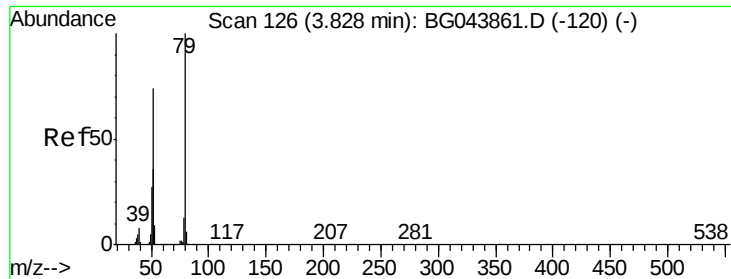
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 42.271 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

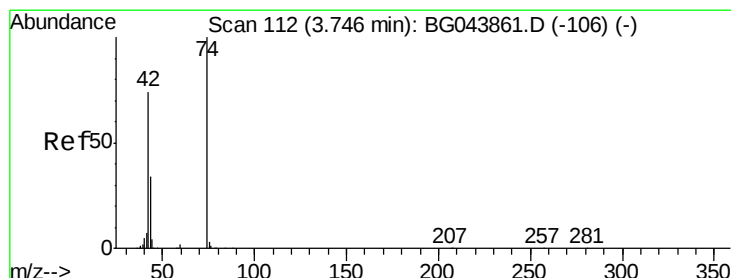
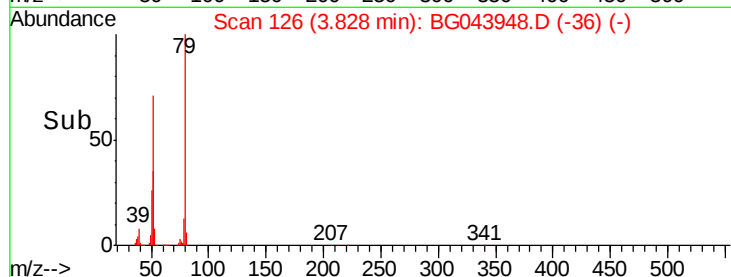
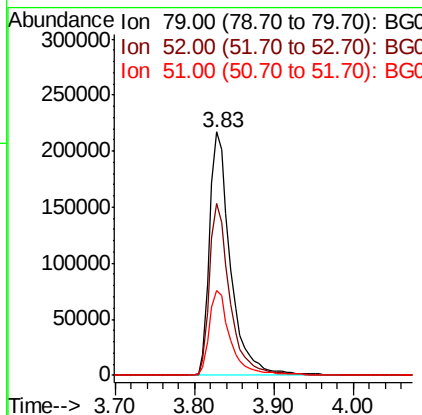
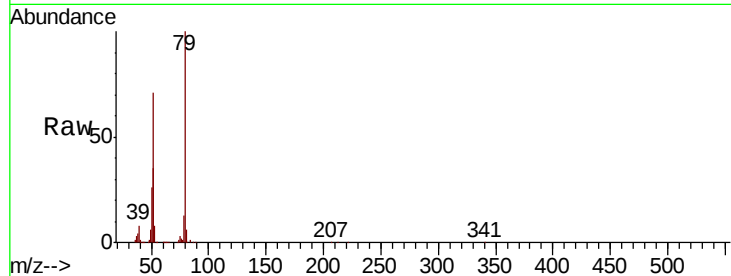
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 398231 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 70.6  | 58.9  | 88.3   |
| 51        | 35.1  | 28.6  | 43.0   |

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#4

n-Nitrosodimethylamine

Concen: 39.341 ng

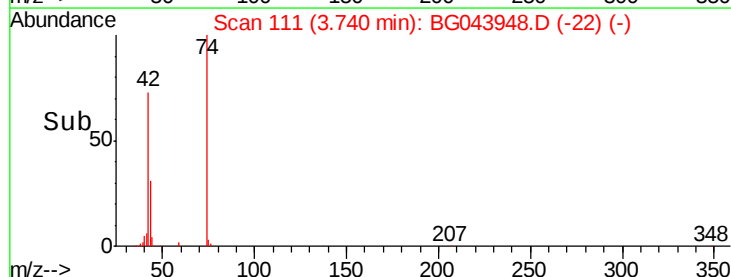
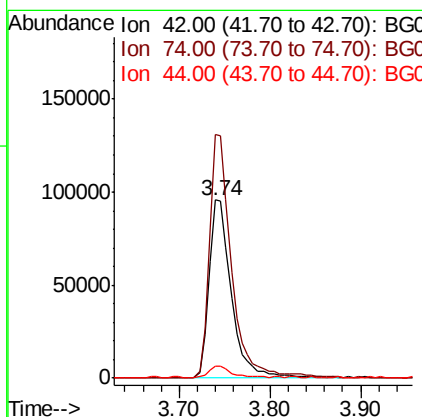
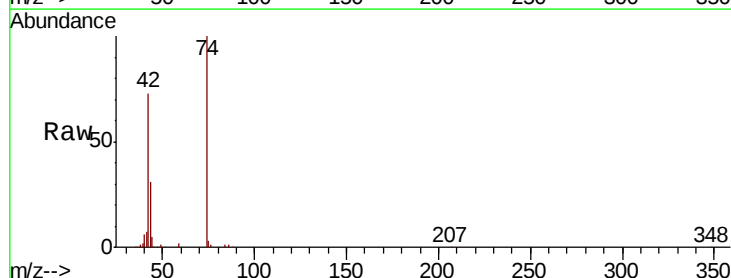
RT: 3.74 min Scan# 111

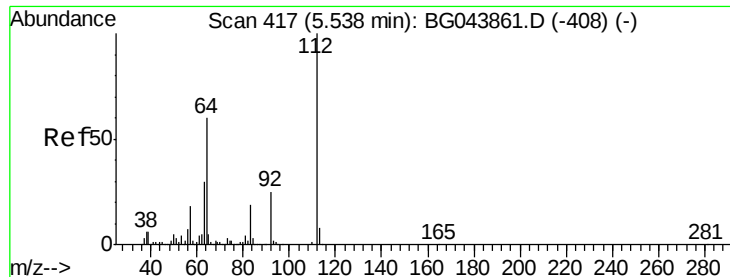
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 165012 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 136.6 | 108.6 | 162.8  |
| 44        | 6.5   | 5.0   | 7.6    |





#5

2-Fluorophenol

Concen: 85.122 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

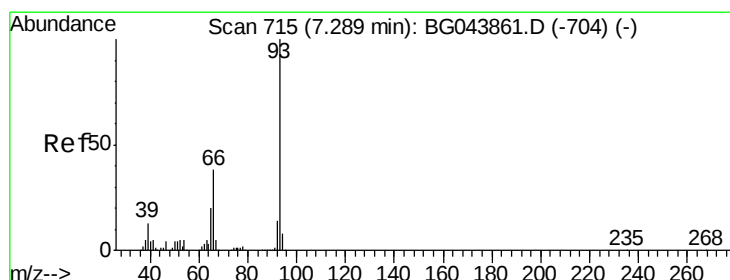
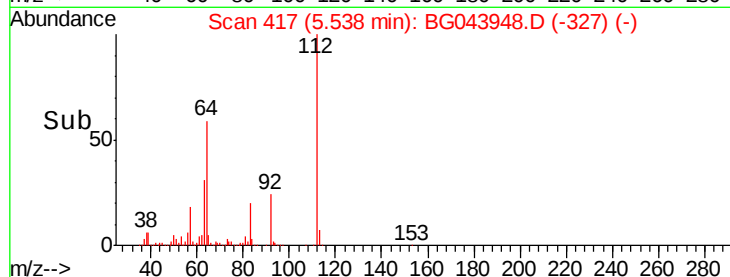
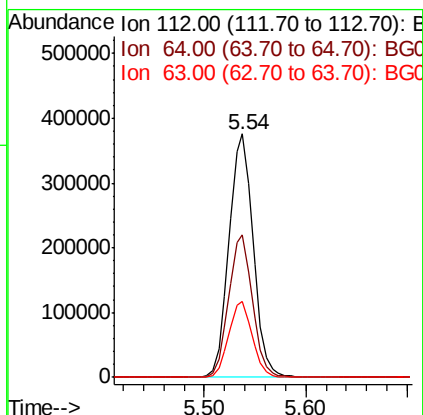
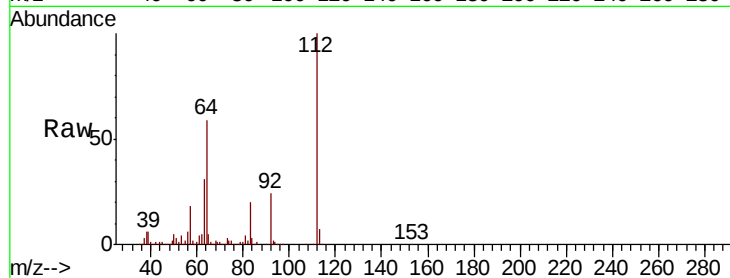
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 622584 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.5  | 47.8  | 71.6   |
| 63        | 31.0  | 24.3  | 36.5   |

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#6

Aniline

Concen: 40.321 ng

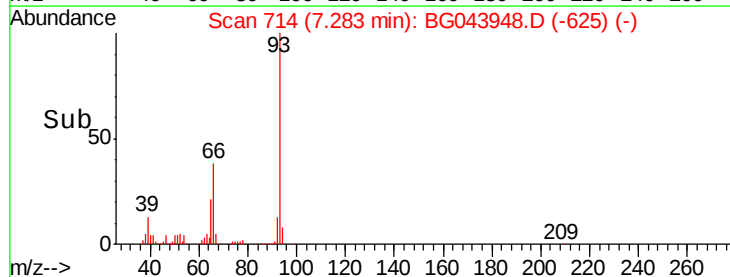
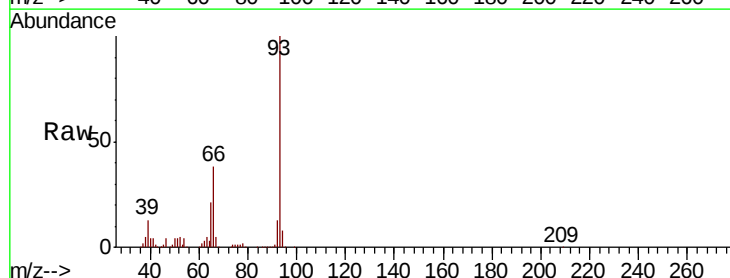
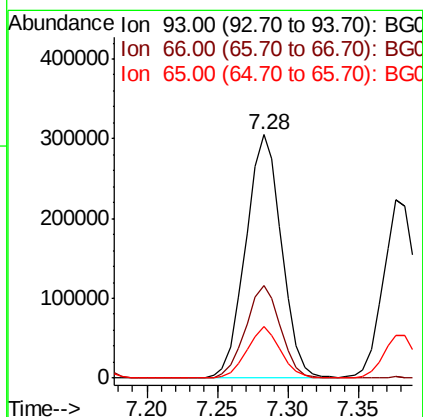
RT: 7.28 min Scan# 714

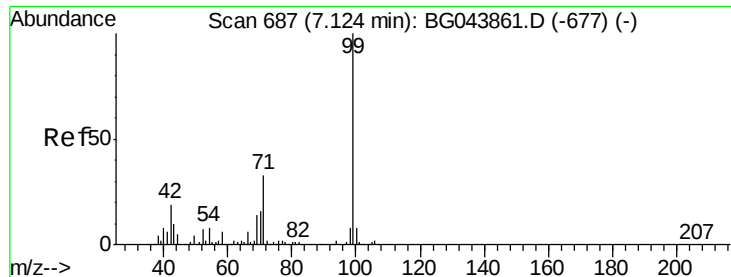
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 541452 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 37.8  | 30.8  | 46.2   |
| 65        | 21.0  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 85.416 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

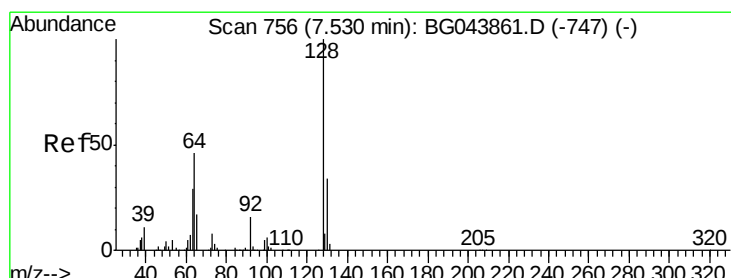
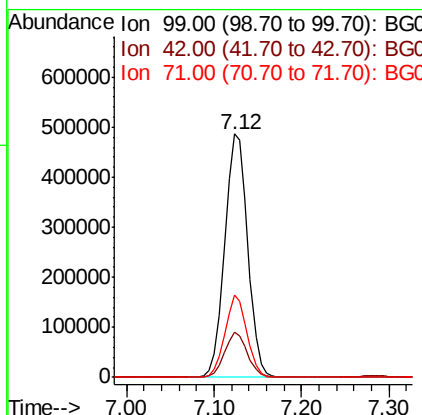
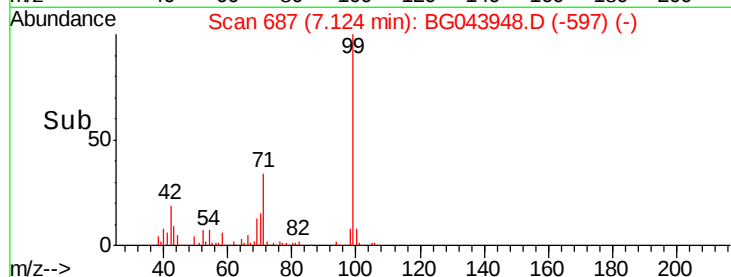
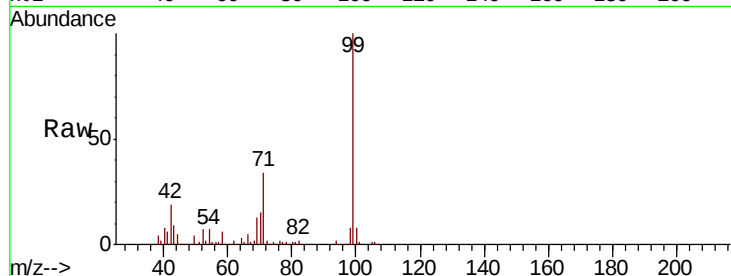
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 873259 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.6  | 14.9  | 22.3   |
| 71        | 33.7  | 26.4  | 39.6   |

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#8

2-Chlorophenol

Concen: 40.828 ng

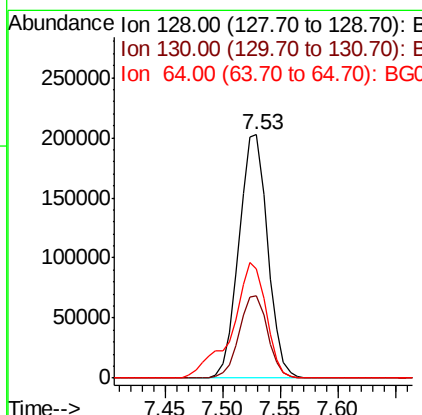
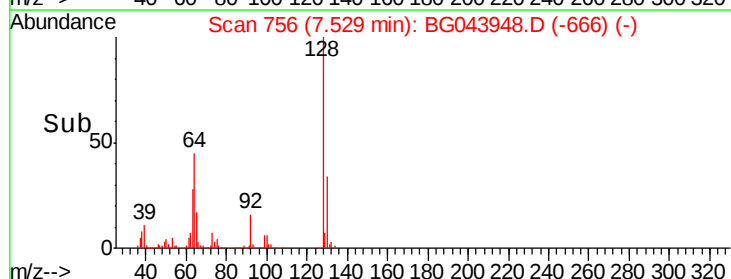
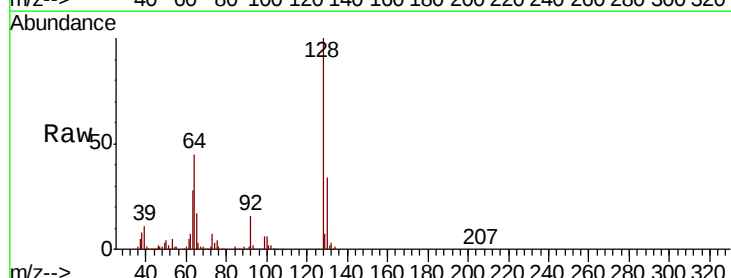
RT: 7.53 min Scan# 756

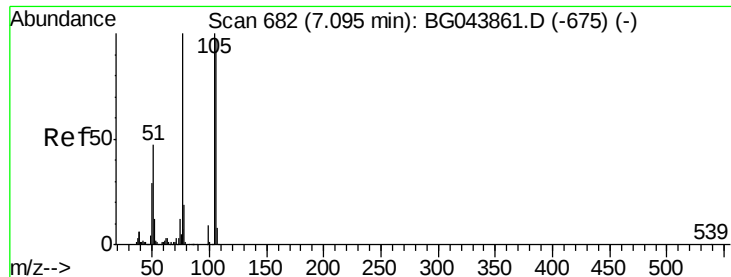
Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 350570 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.8  | 13.8  | 53.8   |
| 64        | 45.1  | 27.6  | 67.6   |





#9

Benzaldehyde

Concen: 36.293 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

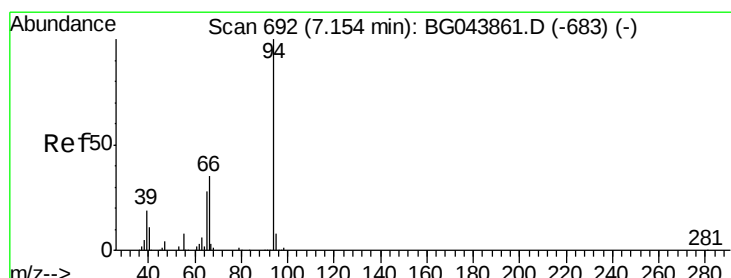
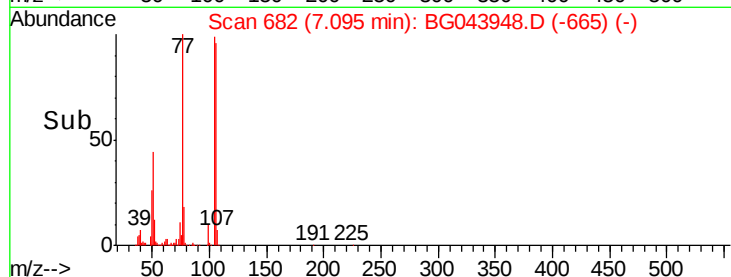
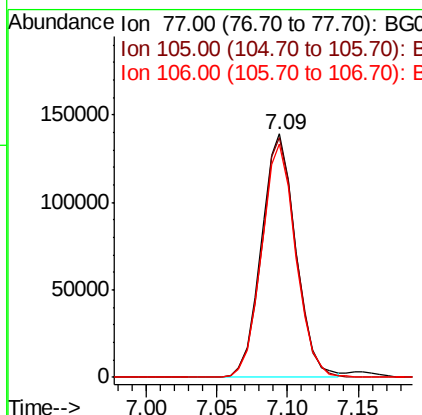
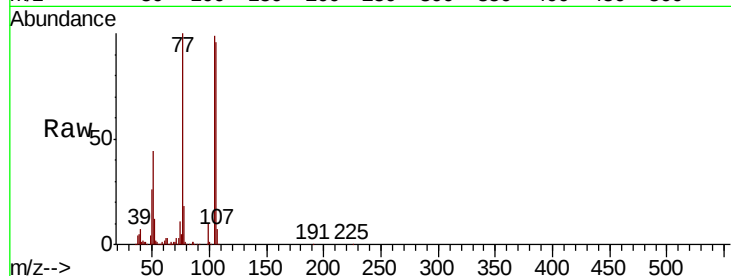
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 98.5  | 80.2  | 120.2 |
| 106     | 95.8  | 77.2  | 117.2 |

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#10

Phenol

Concen: 42.216 ng

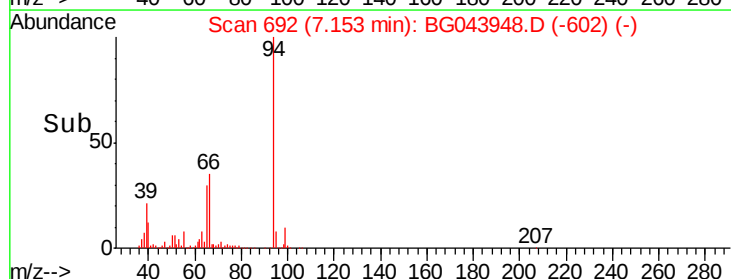
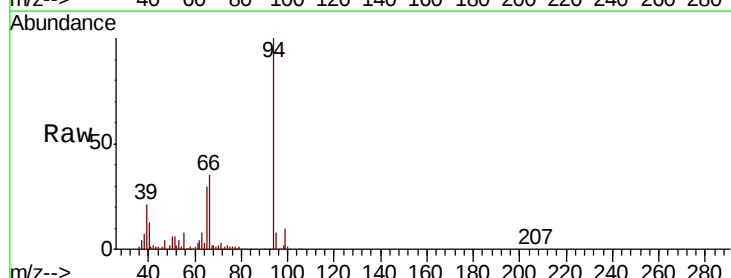
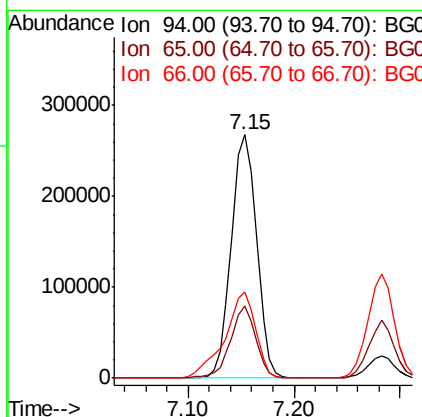
RT: 7.15 min Scan# 692

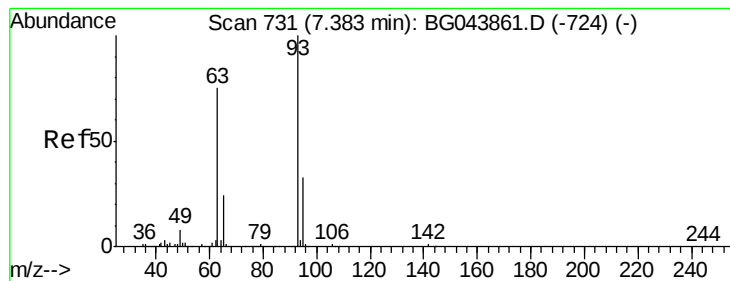
Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 29.6  | 8.1   | 48.1  |
| 66      | 35.2  | 15.6  | 55.6  |





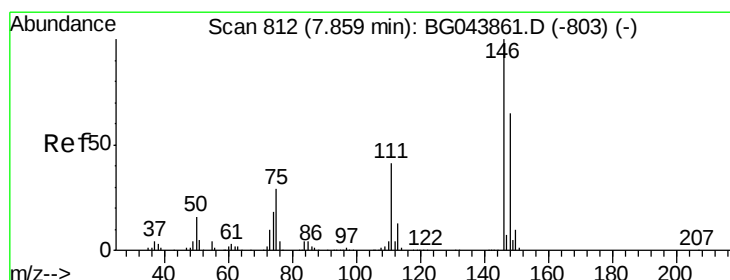
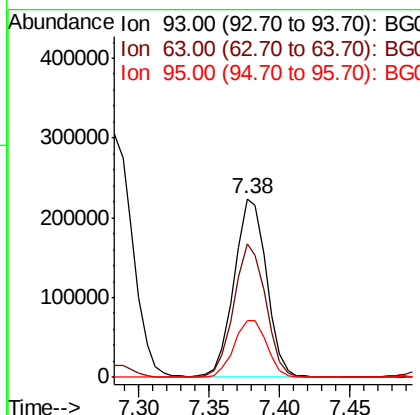
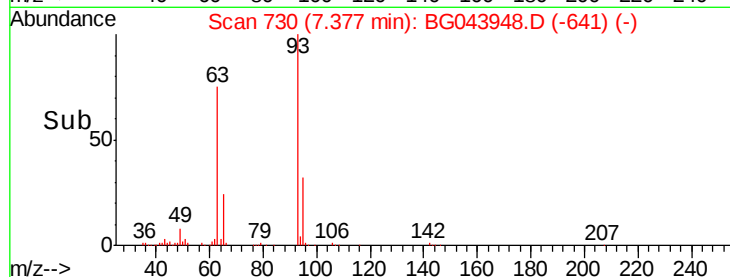
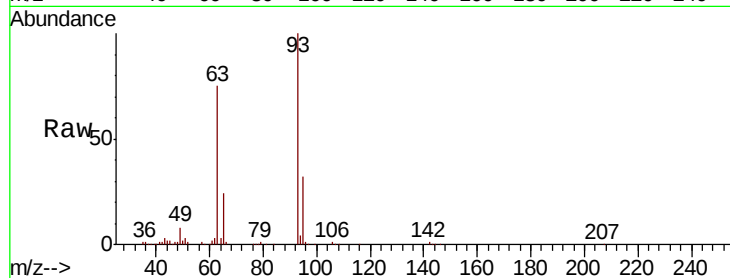
#11  
bis(2-Chloroethyl)ether  
Concen: 39.423 ng  
RT: 7.38 min Scan# 730  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.0  | 55.0  | 95.0  |
| 95      | 32.0  | 13.3  | 53.3  |

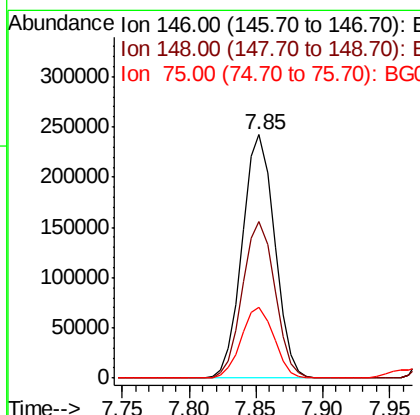
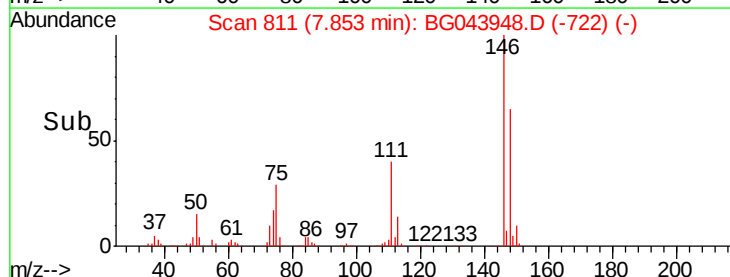
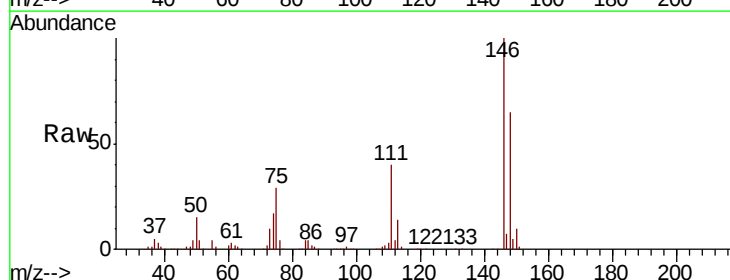
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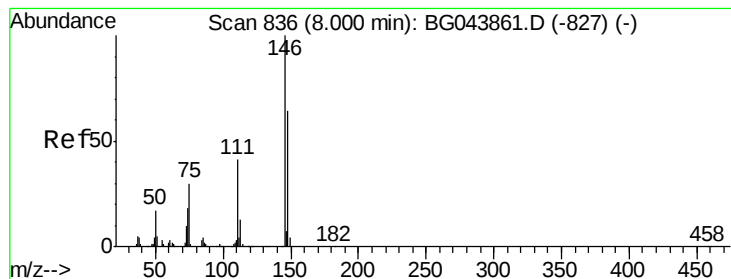
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 40.486 ng  
RT: 7.85 min Scan# 811  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 52.1  | 78.1  |
| 75      | 29.0  | 23.0  | 34.4  |





#13

1,4-Dichlorobenzene

Concen: 40.744 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

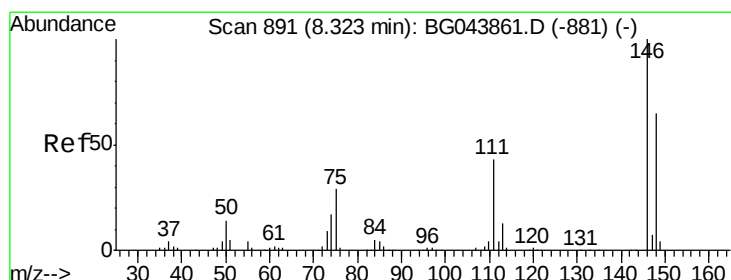
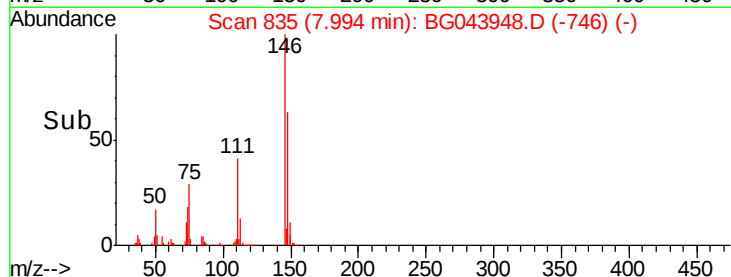
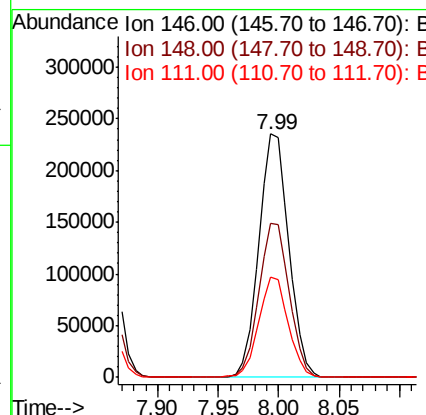
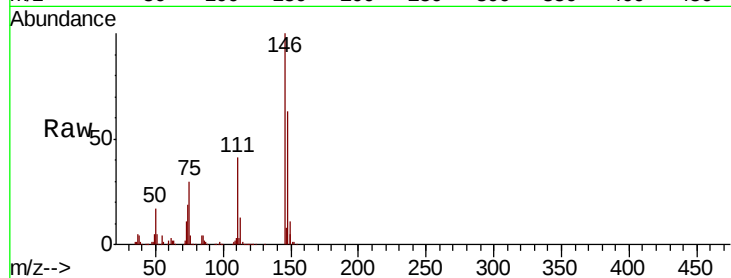
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 403942 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.0  | 51.2  | 76.8   |
| 111       | 41.0  | 33.1  | 49.7   |

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#14

1,2-Dichlorobenzene

Concen: 40.315 ng

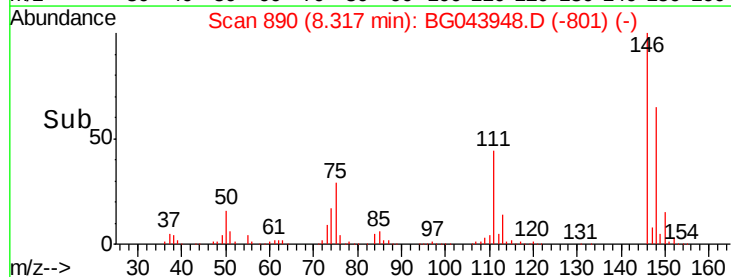
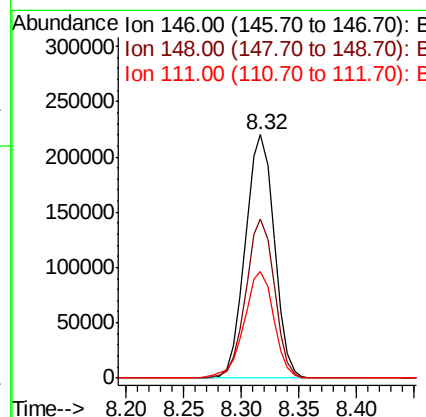
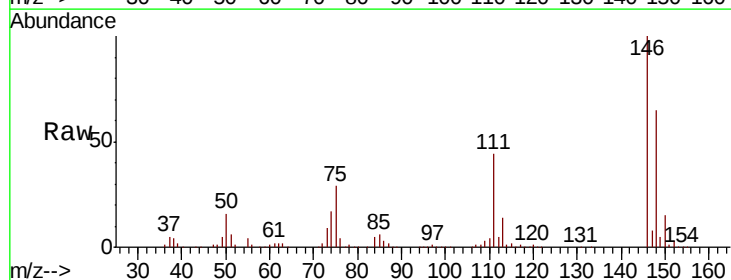
RT: 8.32 min Scan# 890

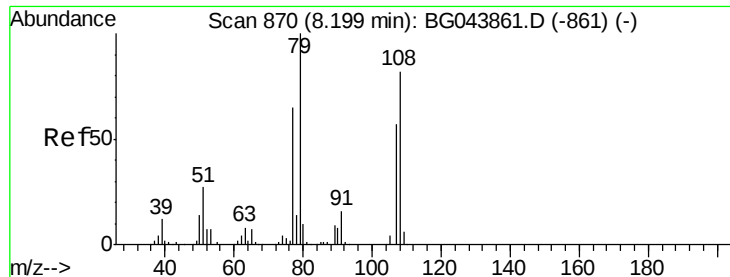
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 383633 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.4  | 51.7  | 77.5   |
| 111       | 44.0  | 34.4  | 51.6   |





#15

Benzyl Alcohol

Concen: 40.000 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

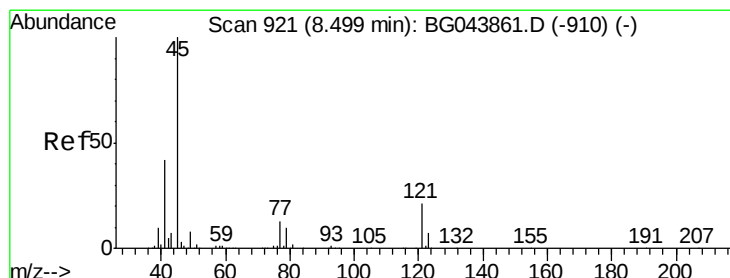
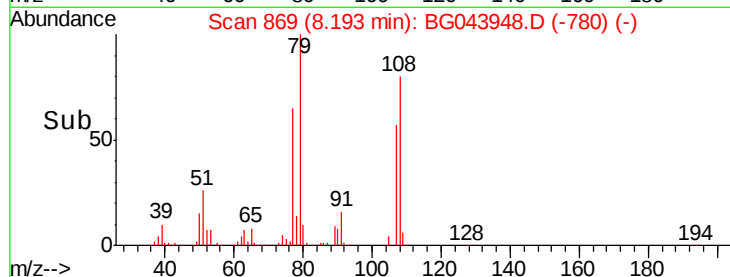
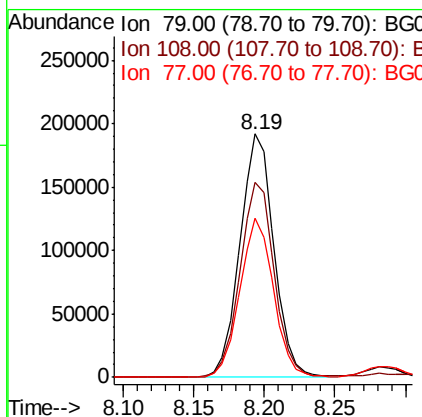
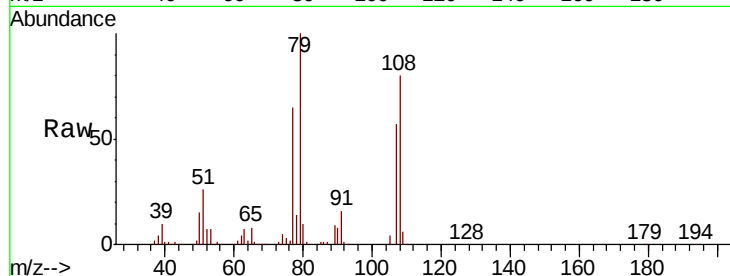
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 322754 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 79.9  | 65.6  | 98.4   |
| 77        | 65.4  | 52.0  | 78.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.627 ng

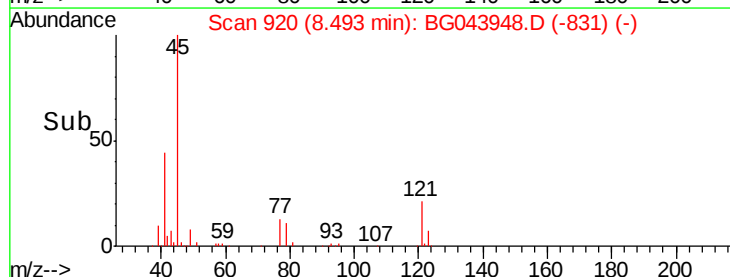
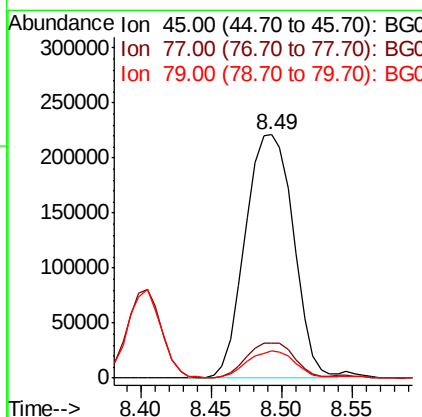
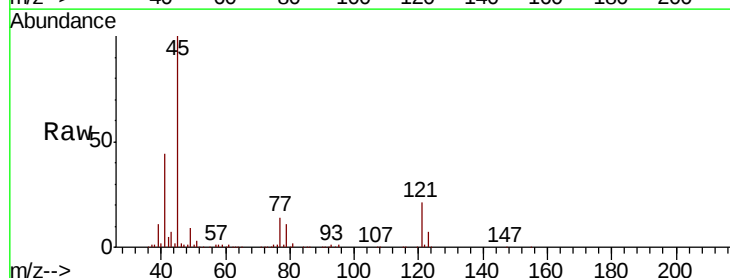
RT: 8.49 min Scan# 920

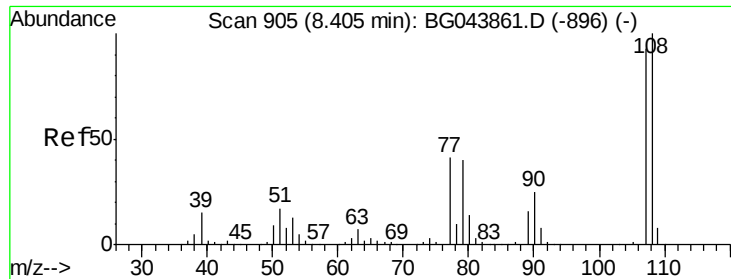
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 529315 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.1  | 0.0   | 33.8   |
| 79        | 11.3  | 0.0   | 31.0   |





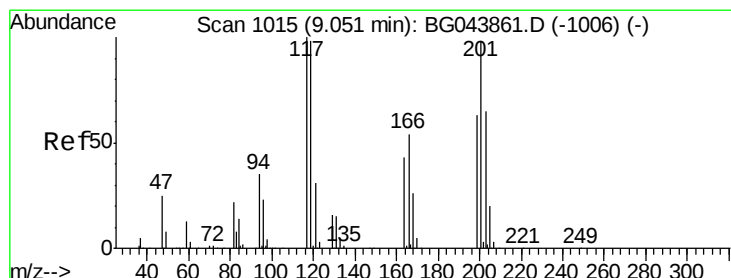
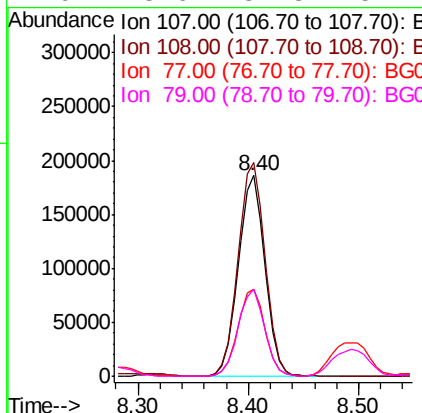
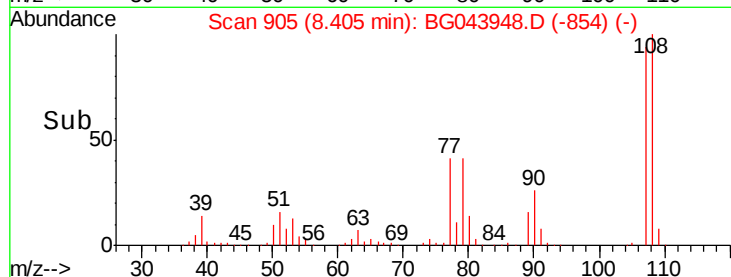
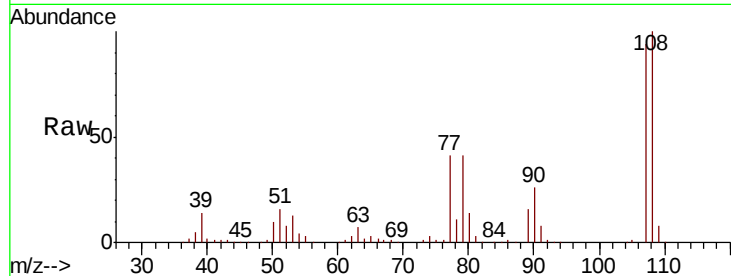
#17  
2-Methylphenol  
Concen: 41.309 ng  
RT: 8.40 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 106.6 | 86.1 | 129.1 |       |
| 77      | 43.2  | 35.4 | 53.0  |       |
| 79      | 43.6  | 34.8 | 52.2  |       |

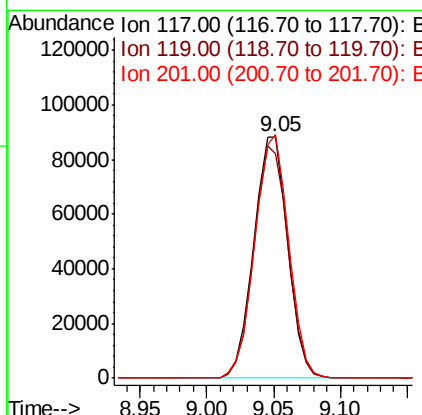
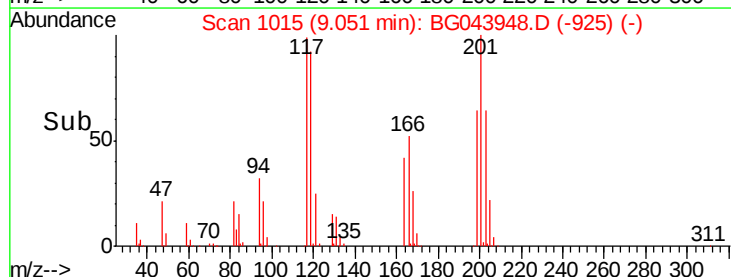
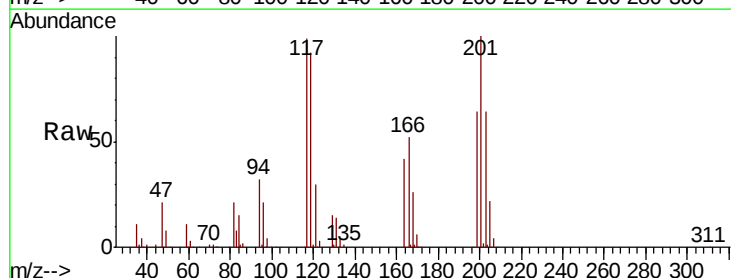
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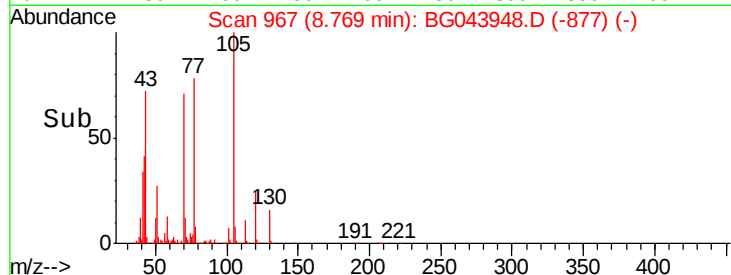
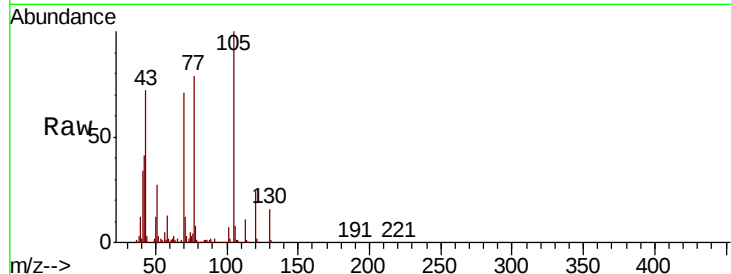
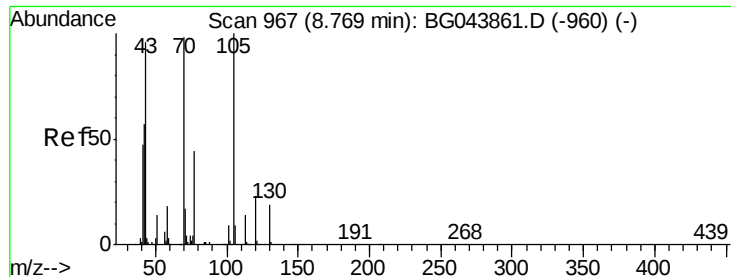
mohammad  
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#18  
Hexachloroethane  
Concen: 40.149 ng  
RT: 9.05 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.0  | 78.1 | 117.1 |       |
| 201     | 100.9 | 78.6 | 117.8 |       |





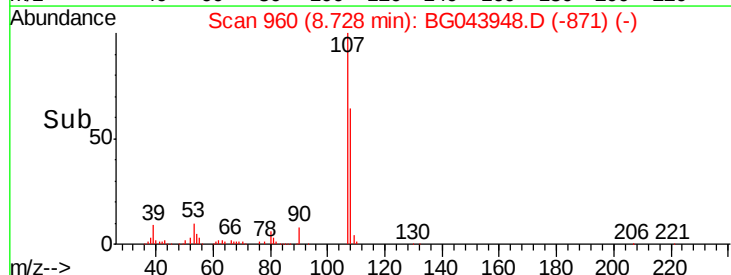
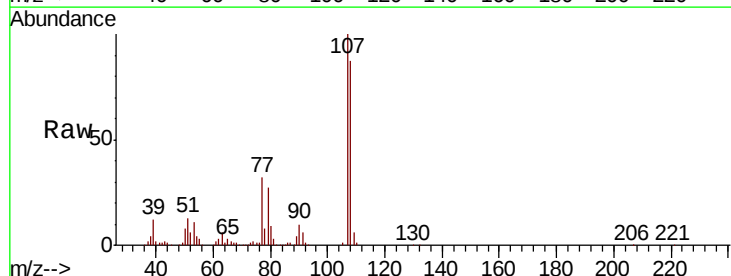
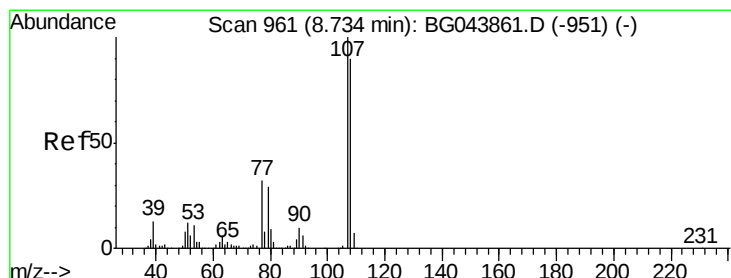
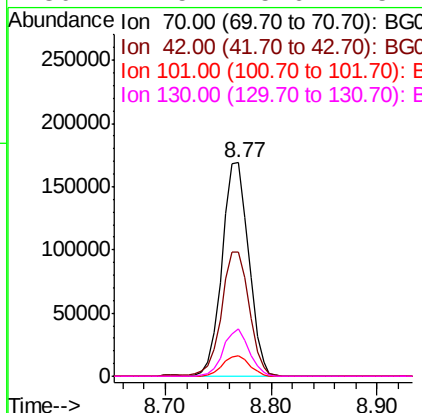
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.929 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 58.3 | 47.0  | 70.4  |       |
| 101     | 9.6  | 7.2   | 10.8  |       |
| 130     | 22.5 | 15.6  | 23.4  |       |

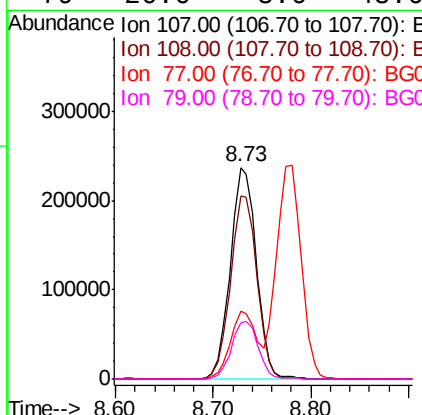
Manual Integrations  
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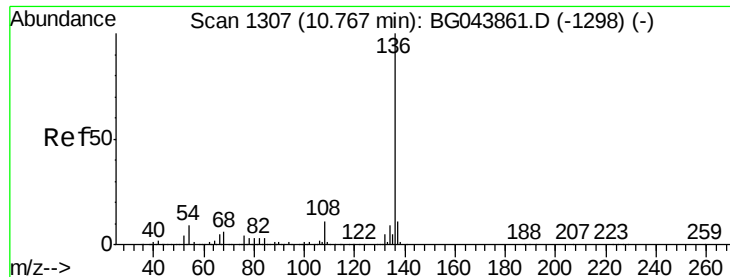
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#20  
3+4-Methylphenols  
Concen: 41.228 ng  
RT: 8.73 min Scan# 960  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 86.6 | 70.3  | 110.3 |       |
| 77      | 32.0 | 12.4  | 52.4  |       |
| 79      | 26.6 | 8.6   | 48.6  |       |





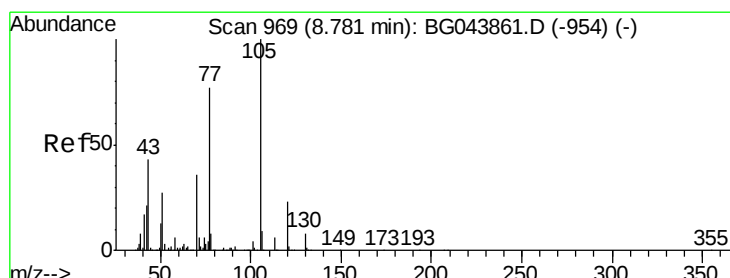
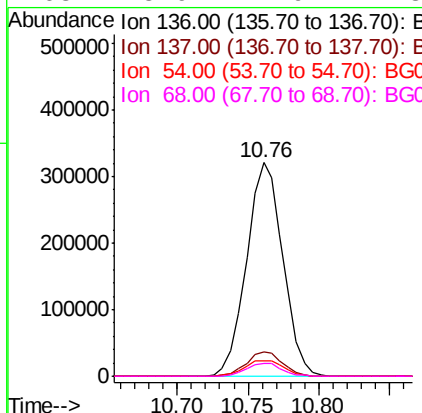
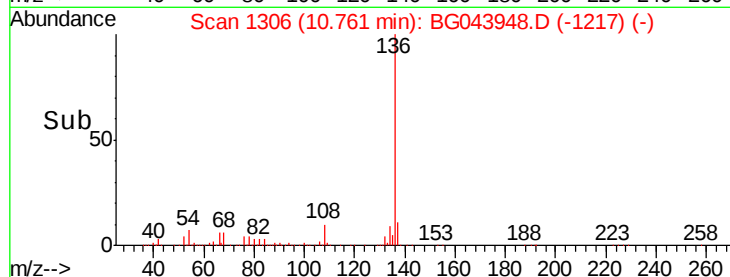
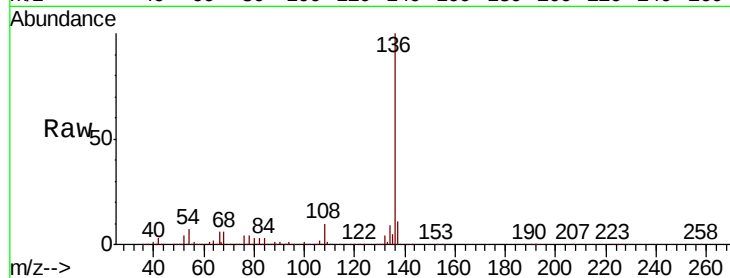
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.76 min Scan# 1306  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 136     | 100  |       |      |       |       |
| 137     | 11.2 | 8.8   | 13.2 |       |       |
| 54      | 7.5  | 7.0   | 10.4 |       |       |
| 68      | 5.9  | 4.9   | 7.3  |       |       |

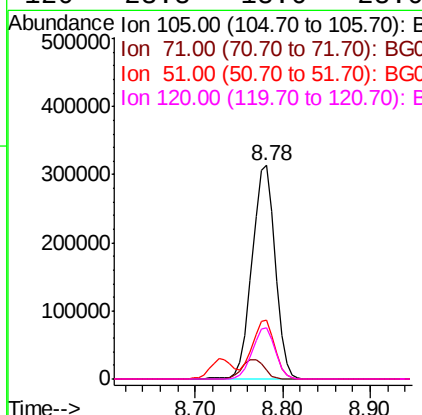
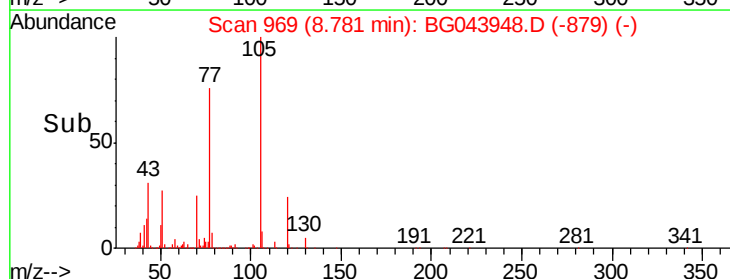
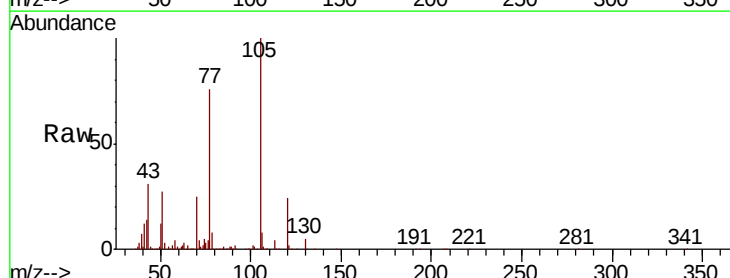
Manual Integrations  
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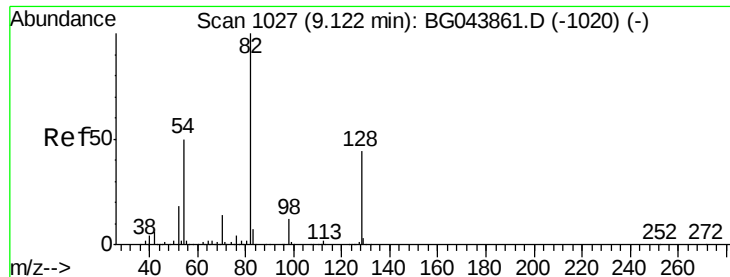
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#22  
Acetophenone  
Concen: 39.305 ng  
RT: 8.78 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 105     | 100  |       |      |       |       |
| 71      | 4.1  | 4.8   | 7.2# |       |       |
| 51      | 27.4 | 21.4  | 32.0 |       |       |
| 120     | 23.8 | 18.6  | 28.0 |       |       |





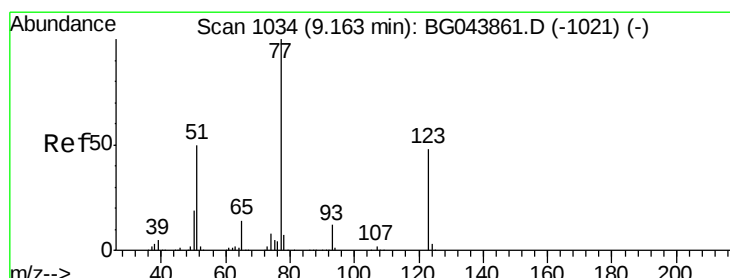
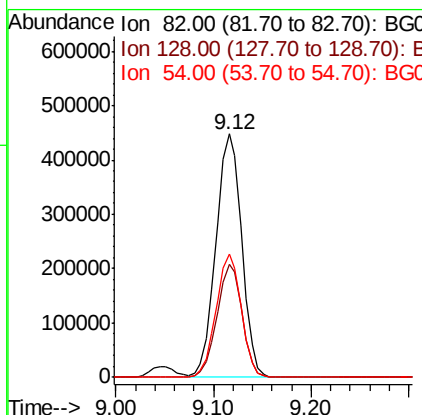
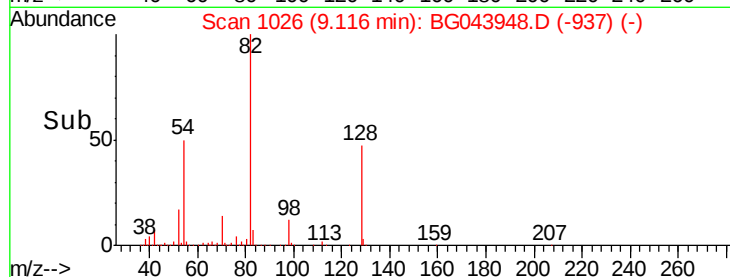
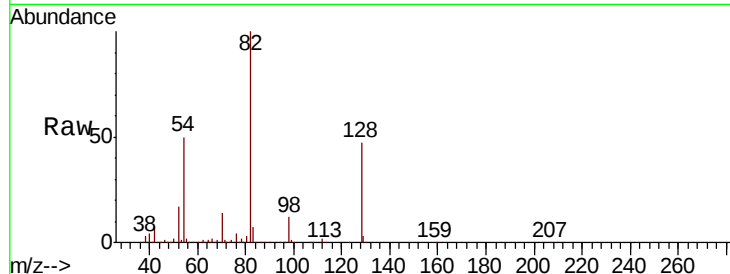
#23  
 Nitrobenzene-d5  
 Concen: 75.834 ng  
 RT: 9.12 min Scan# 1026  
 Delta R.T. -0.01 min  
 Lab File: BG043948.D  
 Acq: 7 Jan 2020 9:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 46.6  | 35.1  | 52.7  |
| 54      | 50.4  | 40.1  | 60.1  |

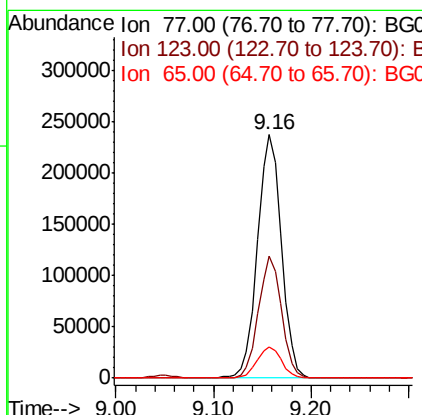
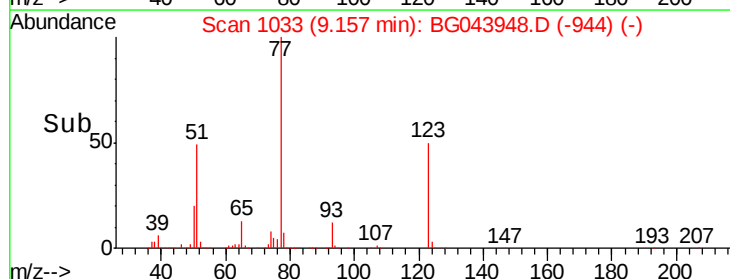
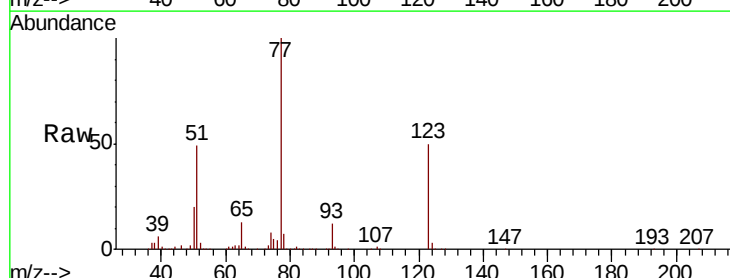
Manual Integrations  
 APPROVED

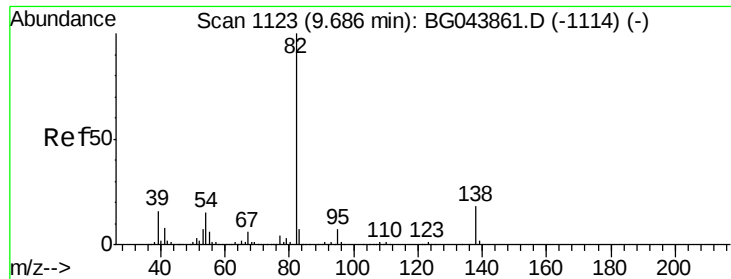
mohammad  
 1/8/2020 4:25:57 PM



#24  
 Nitrobenzene  
 Concen: 38.343 ng  
 RT: 9.16 min Scan# 1033  
 Delta R.T. -0.01 min  
 Lab File: BG043948.D  
 Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 49.9  | 38.7  | 58.1  |
| 65      | 13.0  | 11.1  | 16.7  |





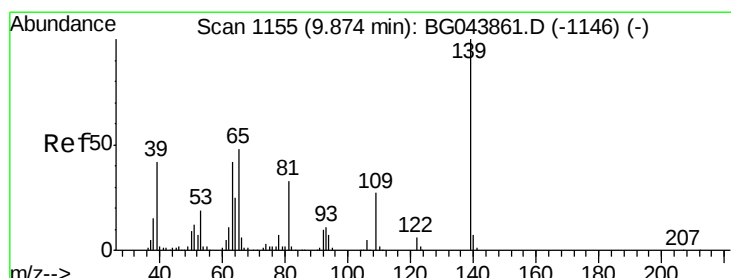
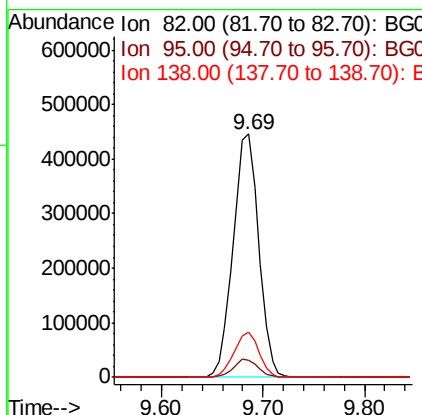
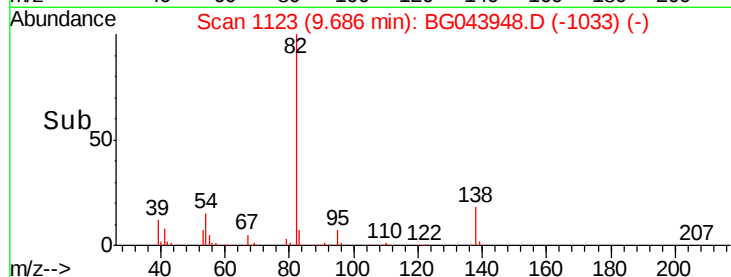
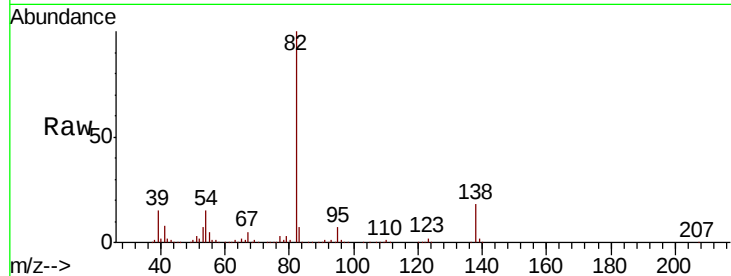
#25  
Isophorone  
Concen: 38.838 ng  
RT: 9.69 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.8   | 5.8   | 8.6   |
| 138     | 18.4  | 14.6  | 22.0  |

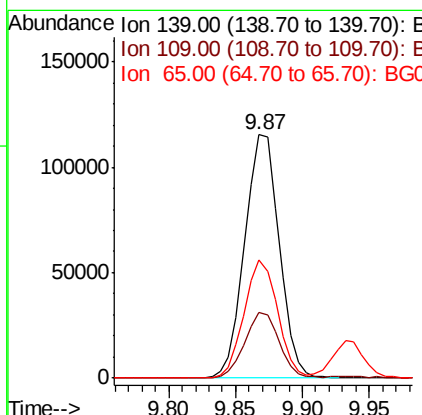
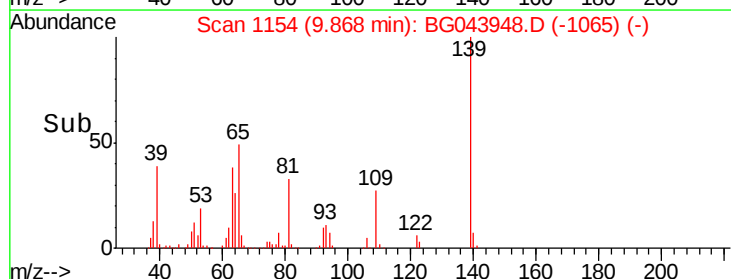
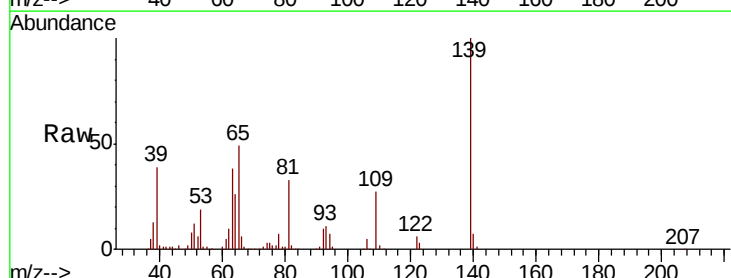
Manual Integrations  
APPROVED

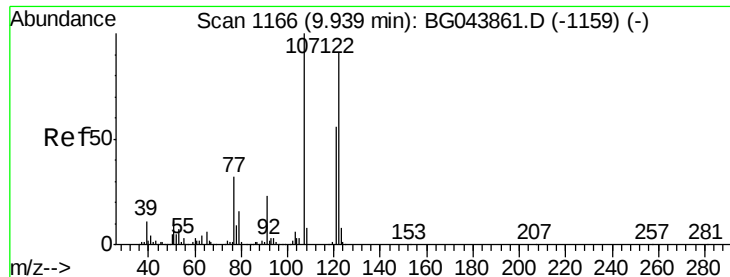
mohammad  
1/8/2020 4:25:57 PM



#26  
2-Nitrophenol  
Concen: 40.964 ng  
RT: 9.87 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 27.2  | 21.3  | 31.9  |
| 65      | 48.6  | 38.6  | 57.8  |





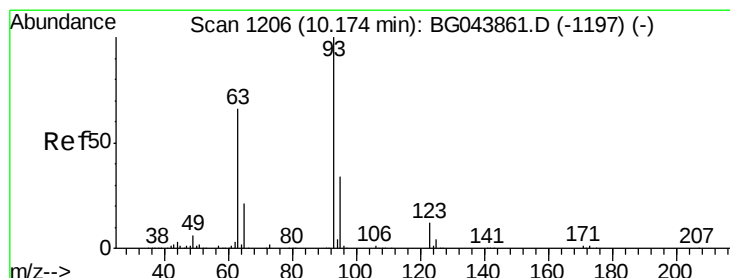
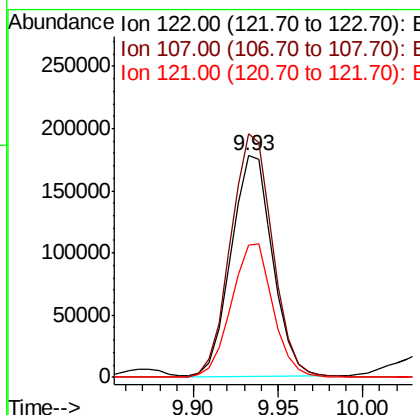
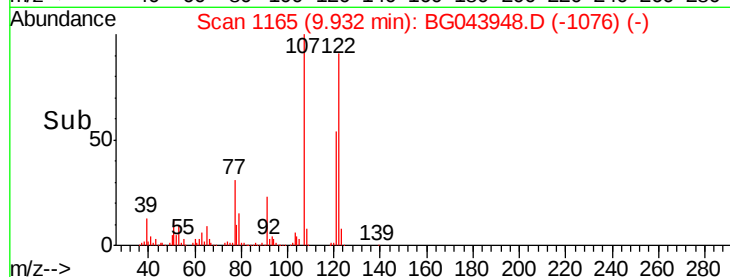
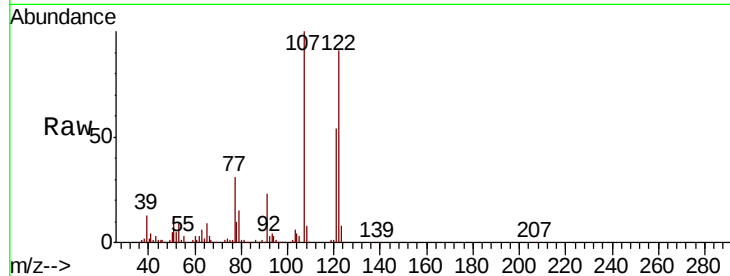
#27  
 2,4-Dimethylphenol  
 Concen: 39.852 ng  
 RT: 9.93 min Scan# 1165  
 Delta R.T. -0.01 min  
 Lab File: BG043948.D  
 Acq: 7 Jan 2020 9:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 302633 |       |       |
| 107     | 109.9 | 88.0   | 132.0 |       |
| 121     | 59.8  | 49.0   | 73.4  |       |

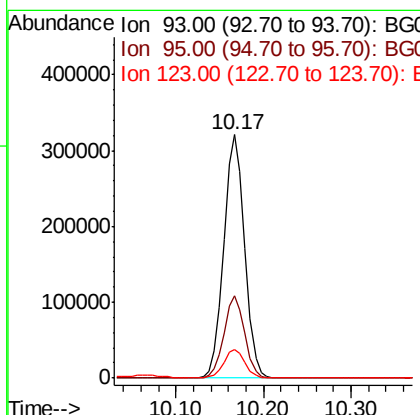
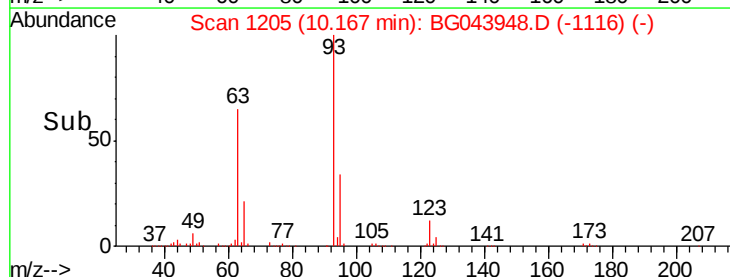
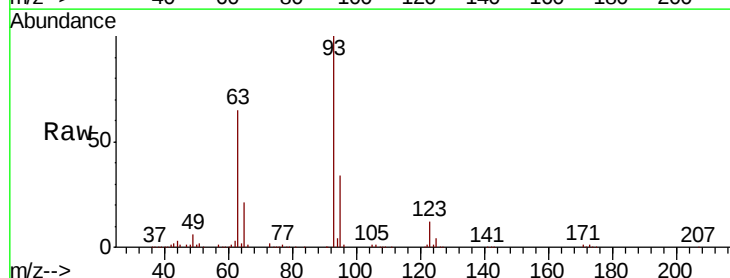
Manual Integrations  
 APPROVED

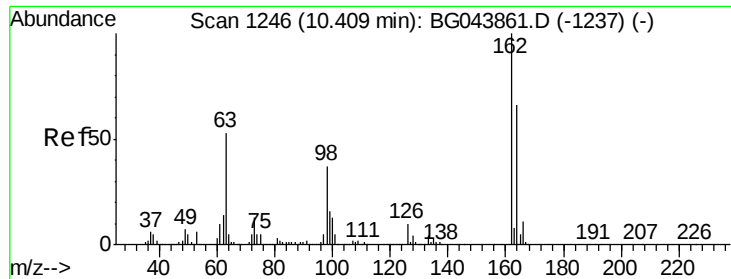
mohammad  
 1/8/2020 4:25:57 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.975 ng  
 RT: 10.17 min Scan# 1205  
 Delta R.T. -0.01 min  
 Lab File: BG043948.D  
 Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 524827 |       |       |
| 95      | 33.7  | 27.2   | 40.8  |       |
| 123     | 11.9  | 9.7    | 14.5  |       |





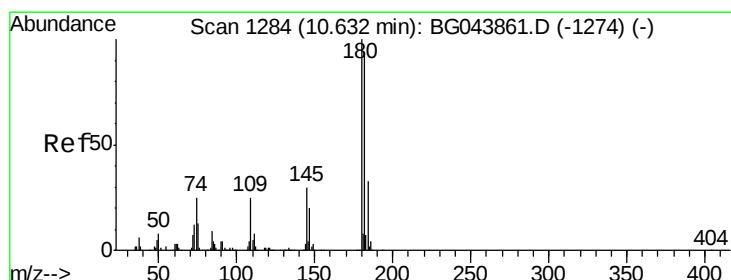
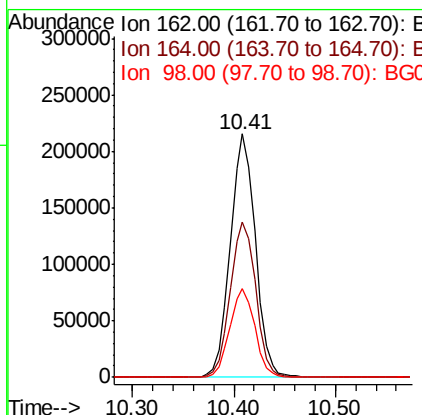
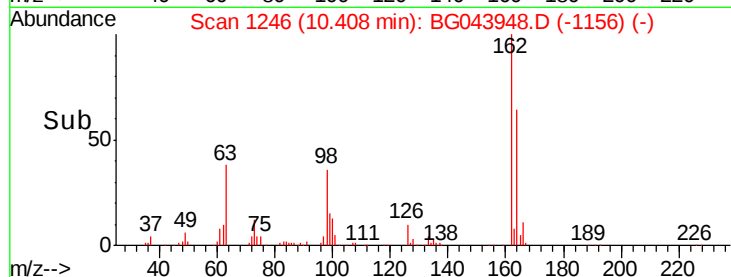
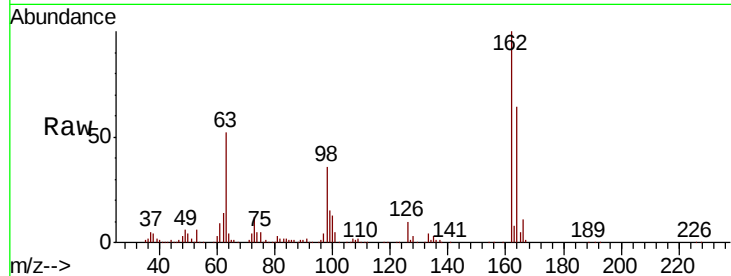
#29  
2,4-Dichlorophenol  
Concen: 40.830 ng  
RT: 10.41 min Scan# 1246  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.6  | 46.3       | 86.3       |
| 98      | 36.2  | 17.3       | 57.3       |

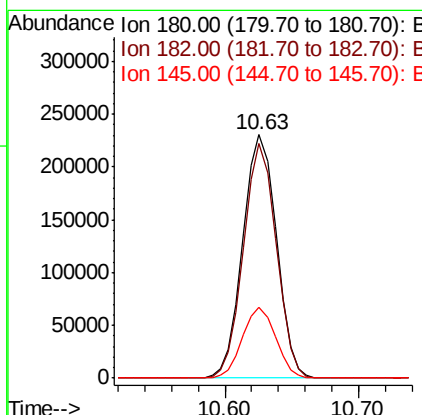
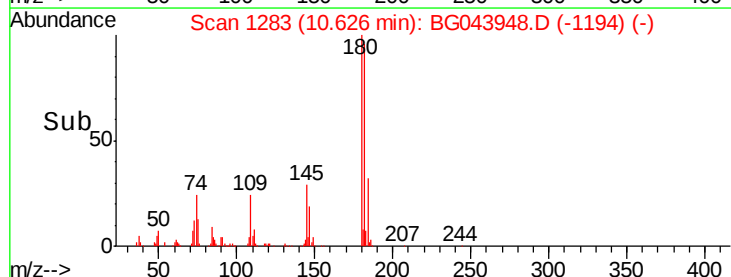
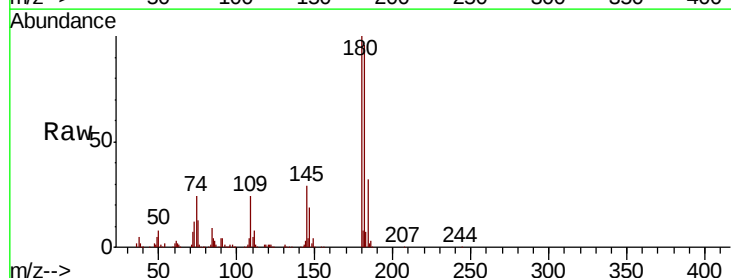
Manual Integrations  
APPROVED

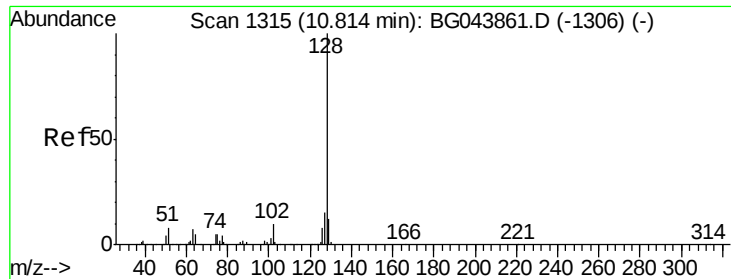
mohammad  
1/8/2020 4:25:57 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 39.604 ng  
RT: 10.63 min Scan# 1283  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 96.1  | 75.0       | 112.4      |
| 145     | 29.2  | 24.2       | 36.4       |





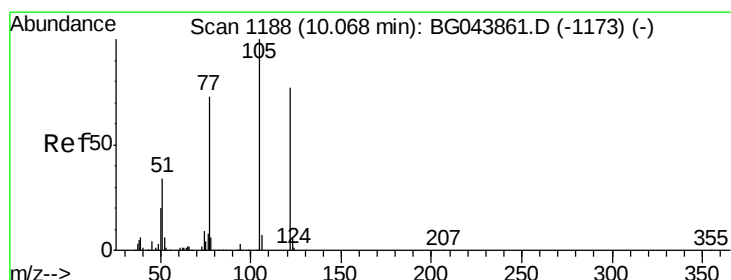
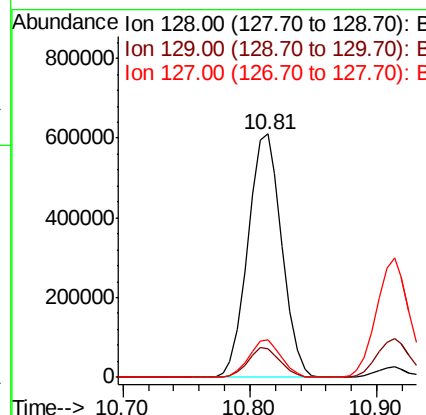
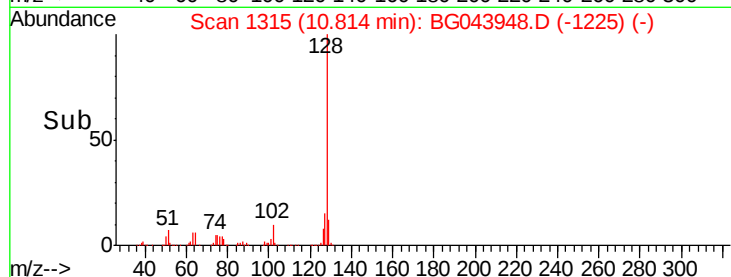
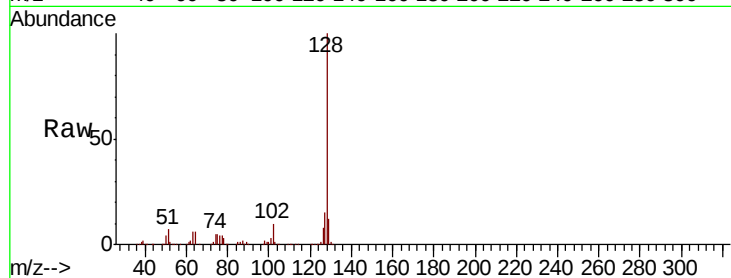
#31  
Naphthalene  
Concen: 40.565 ng  
RT: 10.81 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 9.8   | 14.6  |
| 127     | 15.3  | 12.0  | 18.0  |

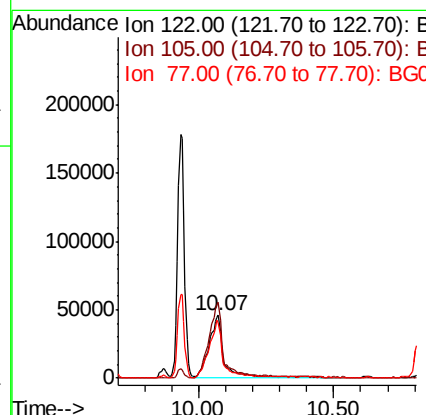
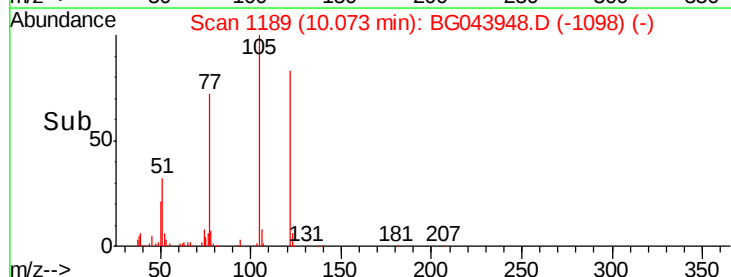
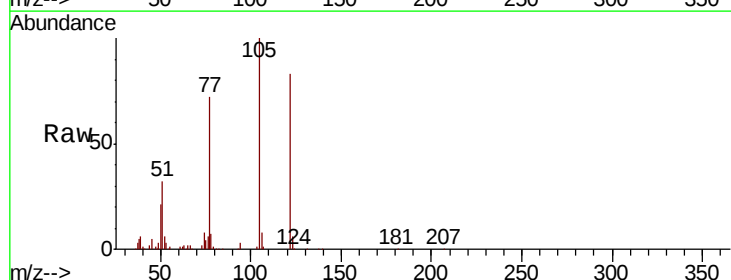
Manual Integrations  
APPROVED

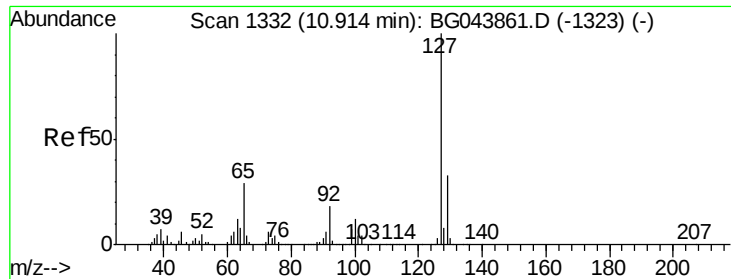
mohammad  
1/8/2020 4:25:57 PM



#32  
Benzoic acid  
Concen: 32.373 ng m  
RT: 10.07 min Scan# 1189  
Delta R.T. 0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.0 | 106.4 | 146.4 |
| 77      | 87.3  | 74.6  | 114.6 |





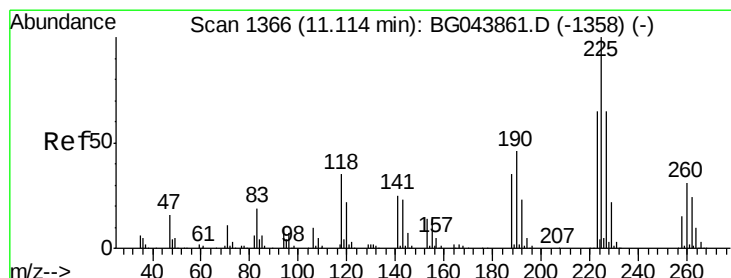
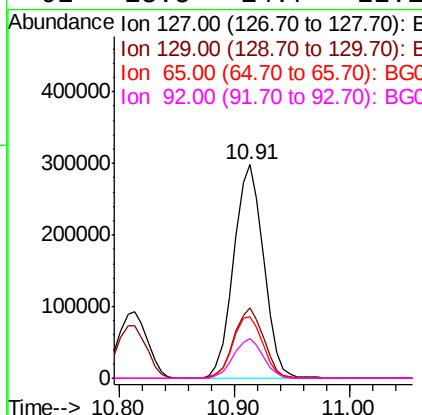
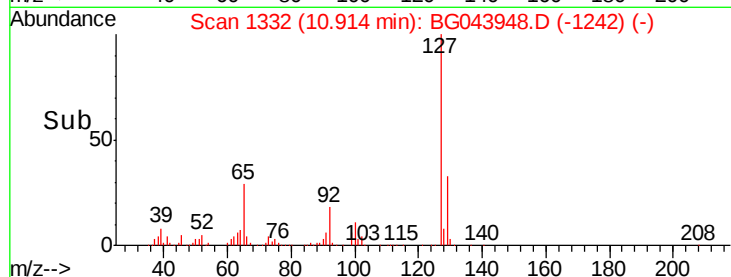
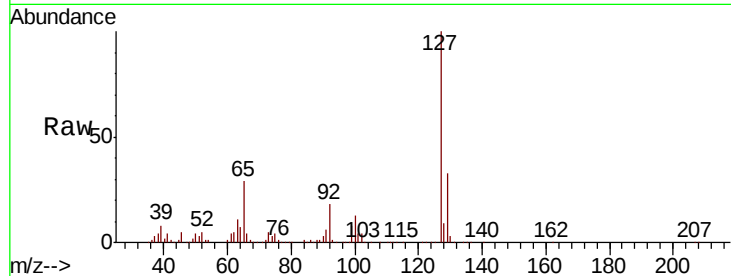
#33  
4-Chloroaniline  
Concen: 40.248 ng  
RT: 10.91 min Scan# 1332  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 535030 |       |       |
| 129     | 32.9 | 26.6  | 40.0   |       |       |
| 65      | 28.7 | 23.3  | 34.9   |       |       |
| 92      | 18.5 | 14.7  | 22.1   |       |       |

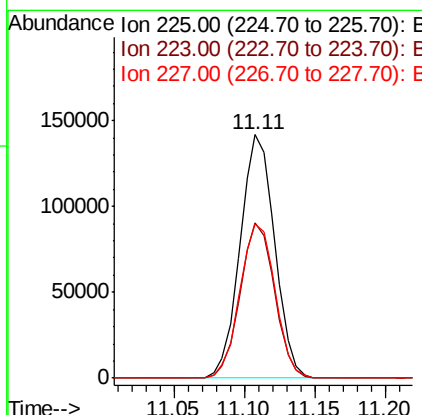
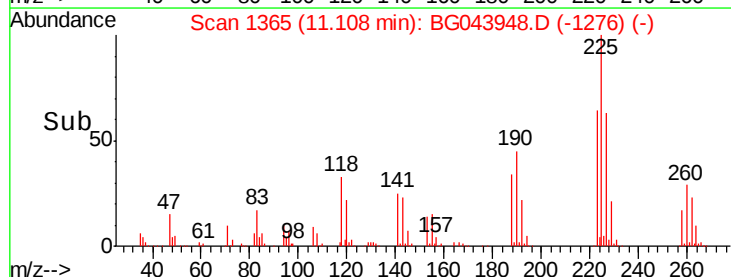
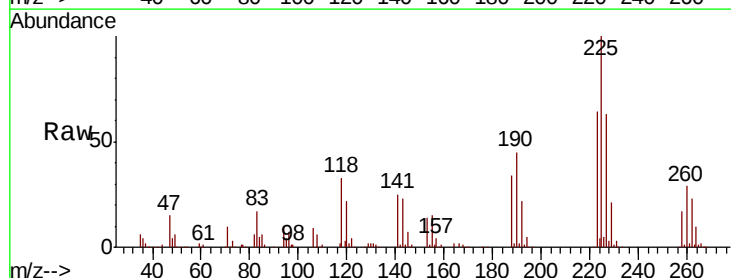
Manual Integrations  
APPROVED

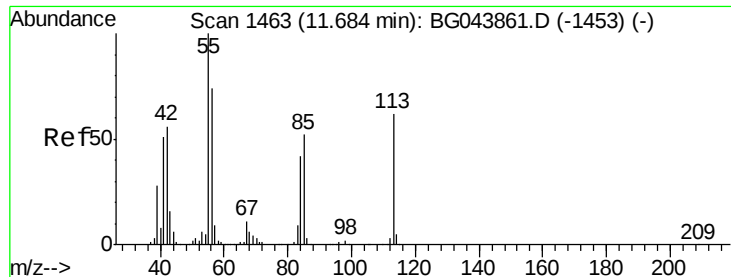
mohammad  
1/8/2020 4:25:57 PM



#34  
Hexachlorobutadiene  
Concen: 39.154 ng  
RT: 11.11 min Scan# 1365  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 242799 |       |       |
| 223     | 63.6 | 52.2  | 78.4   |       |       |
| 227     | 63.4 | 52.1  | 78.1   |       |       |





#35

Caprolactam

Concen: 41.107 ng

RT: 11.69 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 138619

Ion Ratio Lower Upper

113 100

55 148.0 142.5 182.5

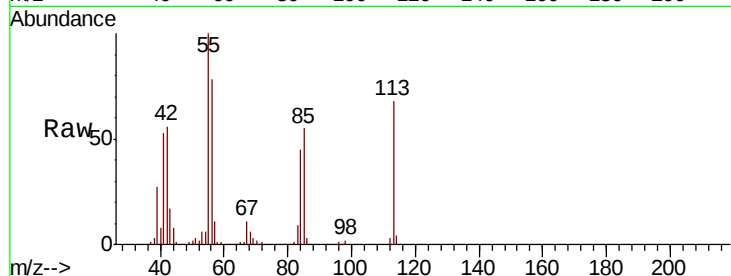
56 114.8 101.4 141.4

Manual Integrations

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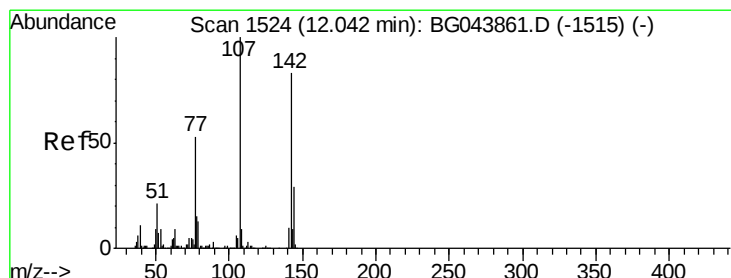
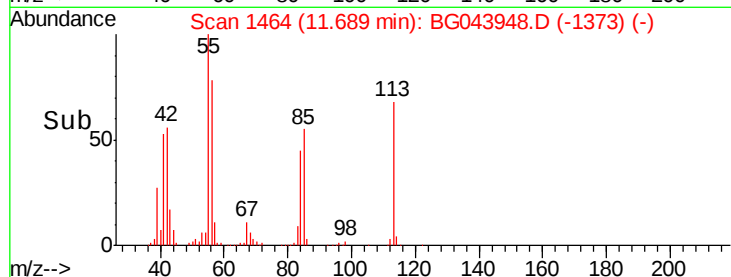
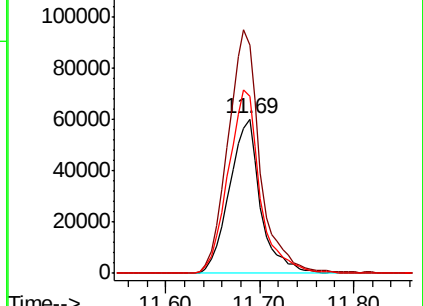
1/8/2020 4:25:57 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.033 ng

RT: 12.04 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

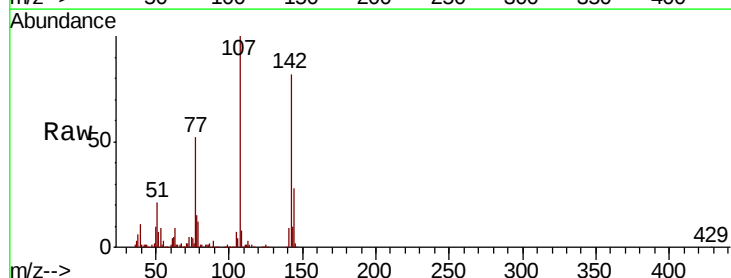
Tgt Ion:107 Resp: 405328

Ion Ratio Lower Upper

107 100

144 27.8 23.4 35.2

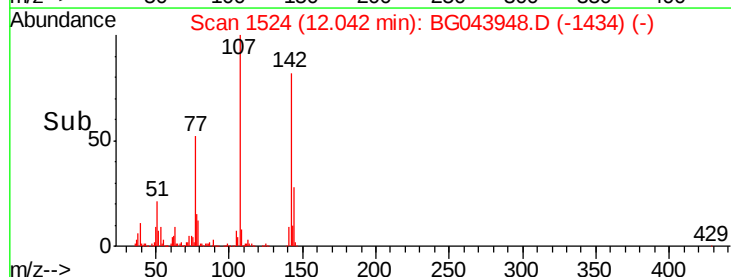
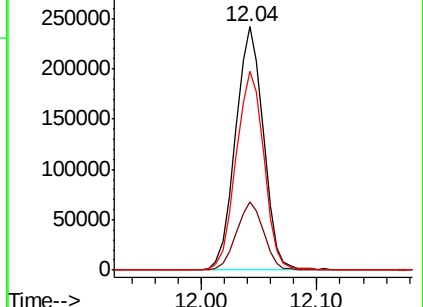
142 81.6 66.3 99.5

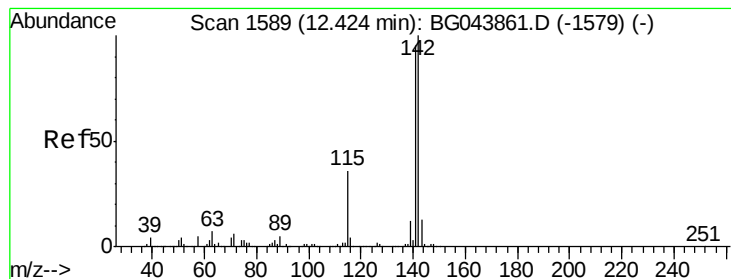


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





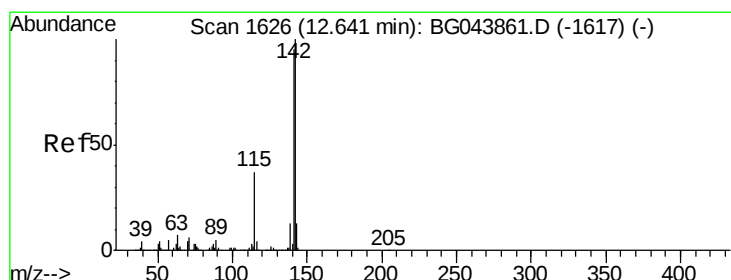
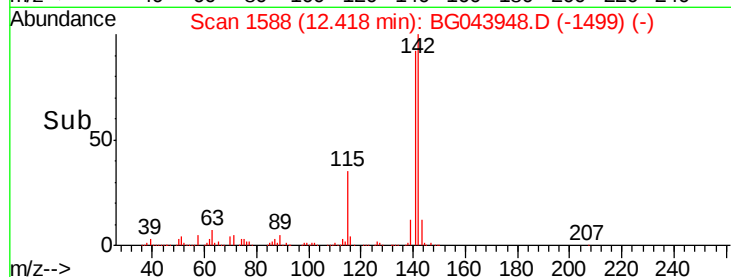
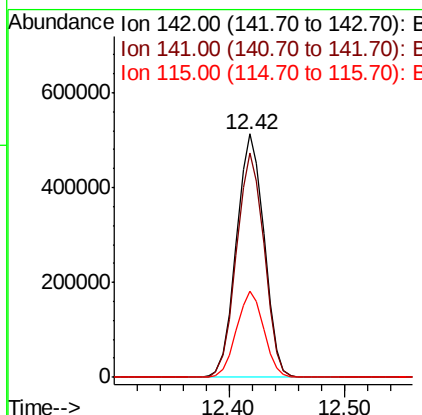
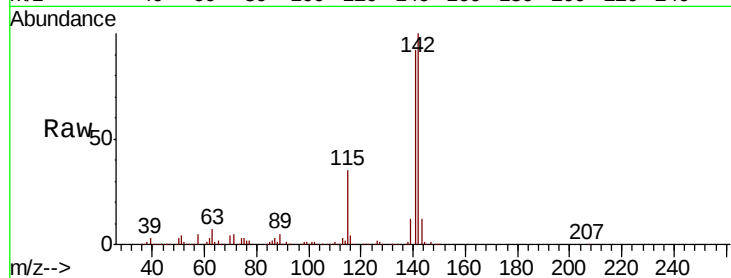
#37  
2-Methylnaphthalene  
Concen: 40.556 ng  
RT: 12.42 min Scan# 1588  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.1  | 75.8  | 113.8 |
| 115     | 35.5  | 28.6  | 42.8  |

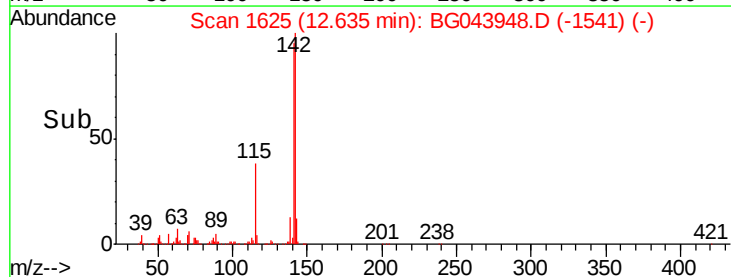
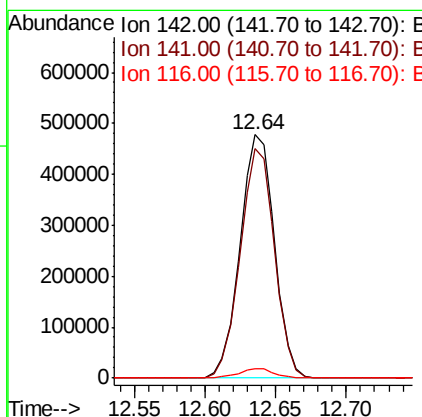
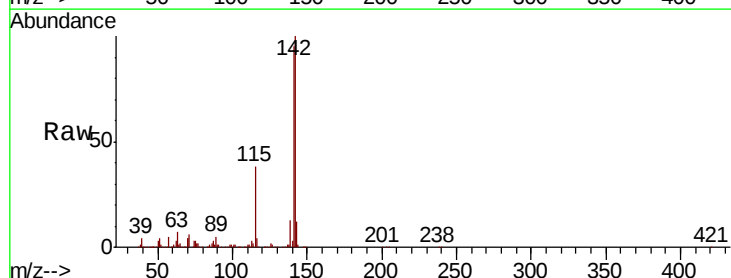
Manual Integrations  
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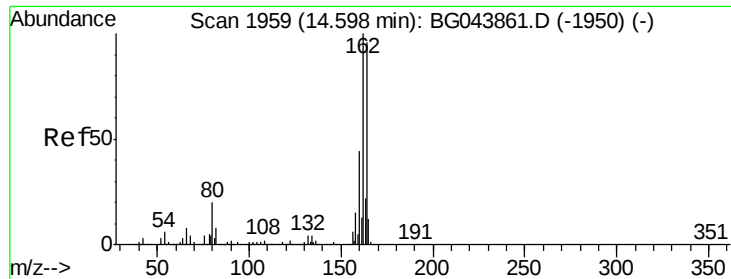
mohammad  
1/8/2020 4:25:57 PM



#38  
1-Methylnaphthalene  
Concen: 40.791 ng  
RT: 12.64 min Scan# 1625  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.5  | 76.0  | 114.0 |
| 116     | 4.1   | 3.1   | 4.7   |





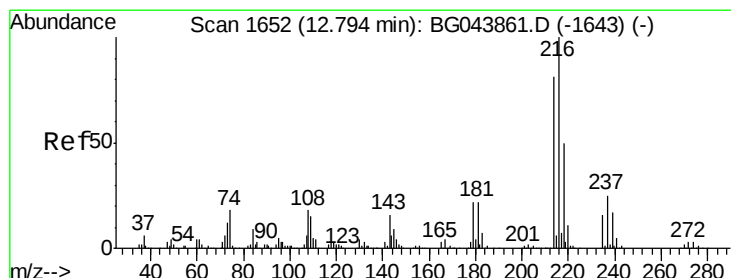
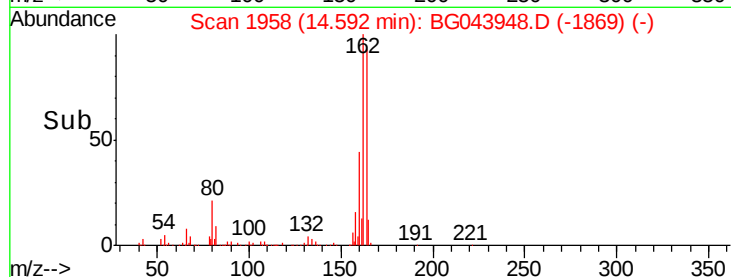
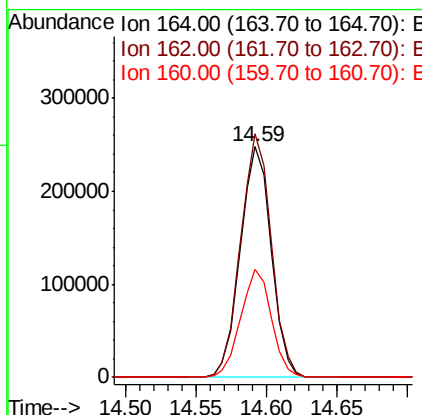
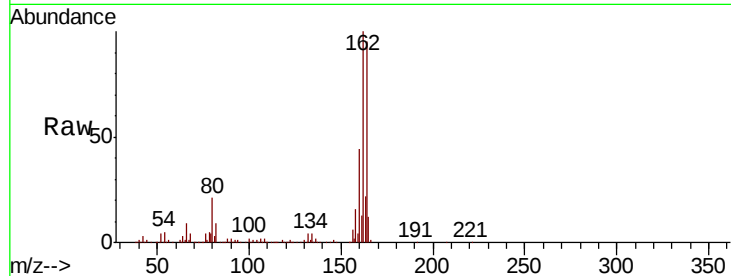
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.59 min Scan# 1958  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 105.7 | 83.0 | 124.4 |       |
| 160     | 46.7  | 36.1 | 54.1  |       |

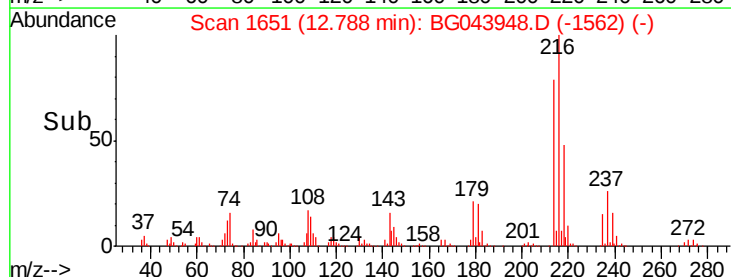
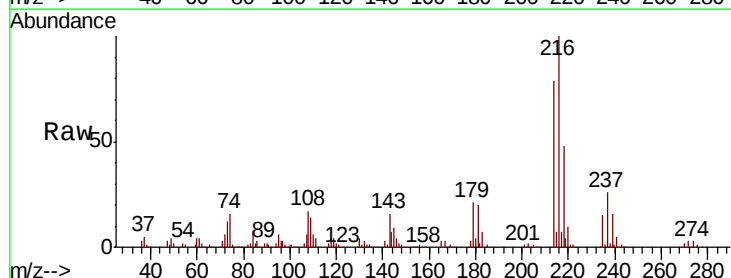
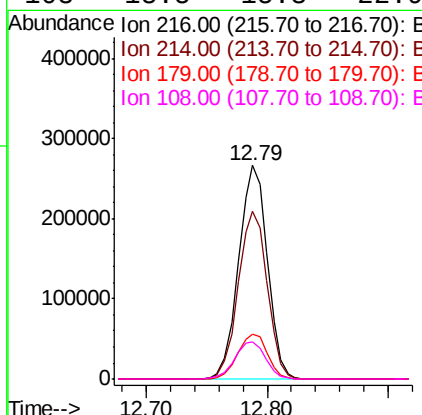
Manual Integrations  
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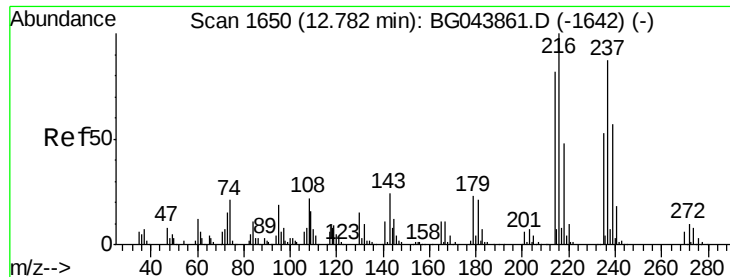
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.572 ng  
RT: 12.79 min Scan# 1651  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 79.5  | 63.8 | 95.8  |       |
| 179     | 21.7  | 17.3 | 25.9  |       |
| 108     | 18.5  | 15.3 | 22.9  |       |





#41

Hexachlorocyclopentadiene

Concen: 36.273 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

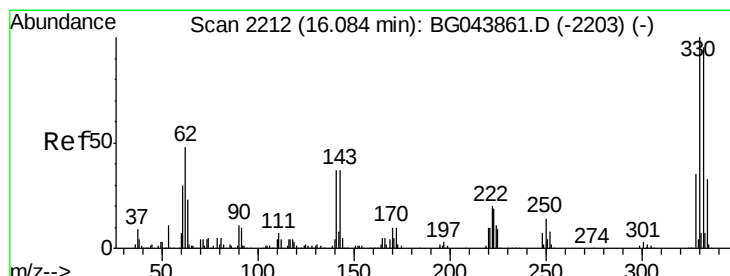
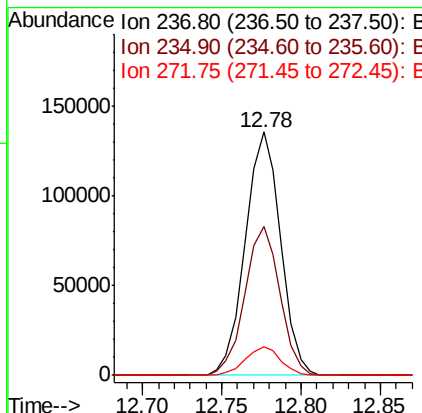
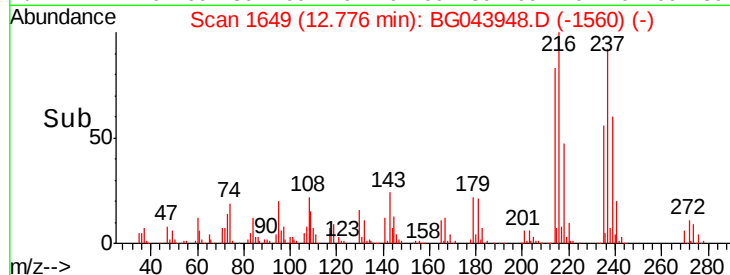
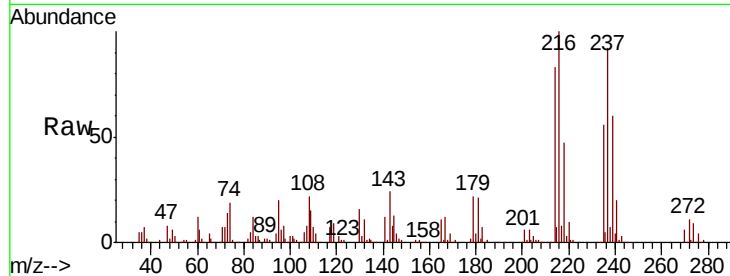
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 209447 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.0  | 41.1  | 81.1   |
| 272       | 11.8  | 0.0   | 31.7   |

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#42

2,4,6-Tribromophenol

Concen: 85.317 ng

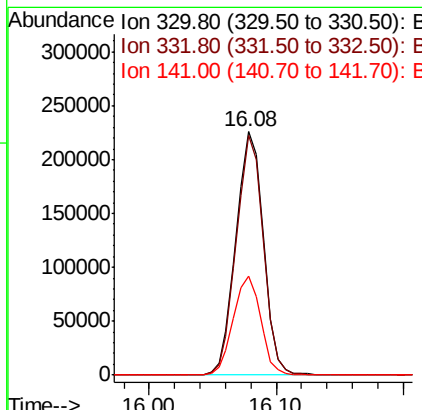
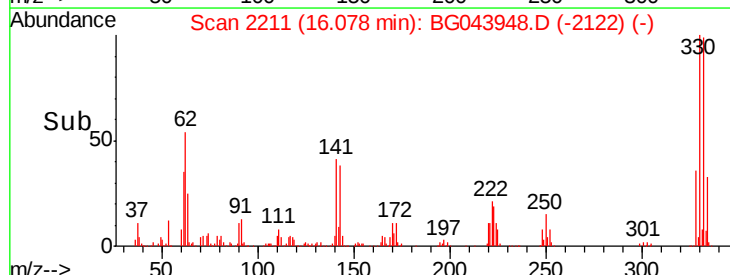
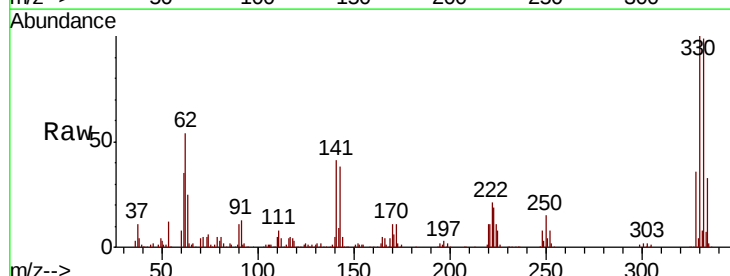
RT: 16.08 min Scan# 2211

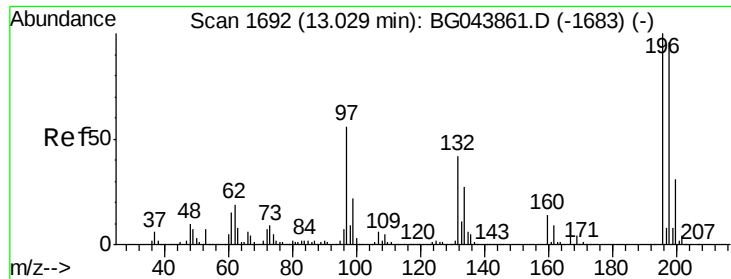
Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 339270 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.9  | 77.2  | 115.8  |
| 141       | 40.6  | 33.1  | 49.7   |





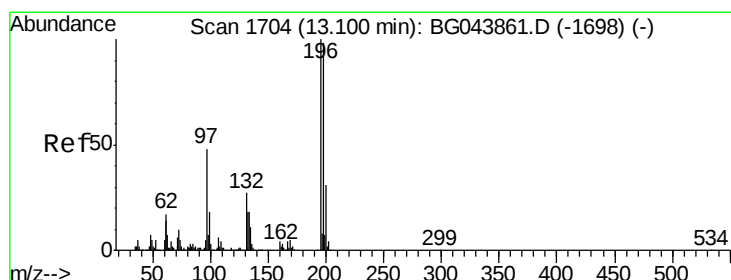
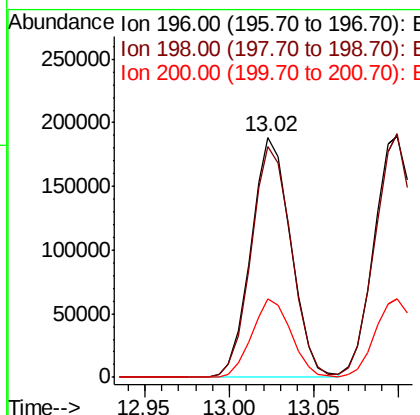
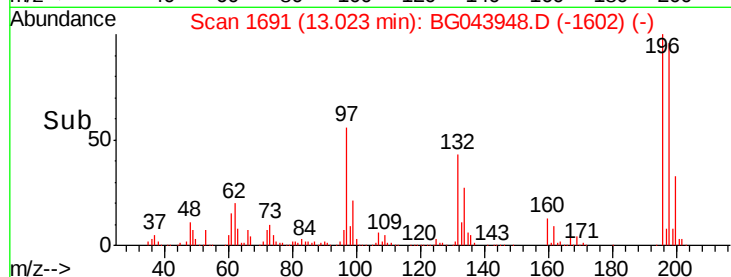
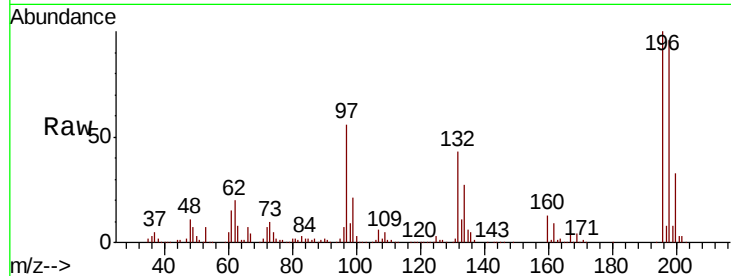
#43  
2,4,6-Trichlorophenol  
Concen: 40.216 ng  
RT: 13.02 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.2  | 76.6  | 115.0 |
| 200     | 32.6  | 24.6  | 37.0  |

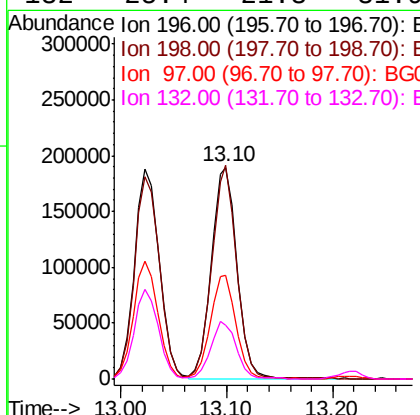
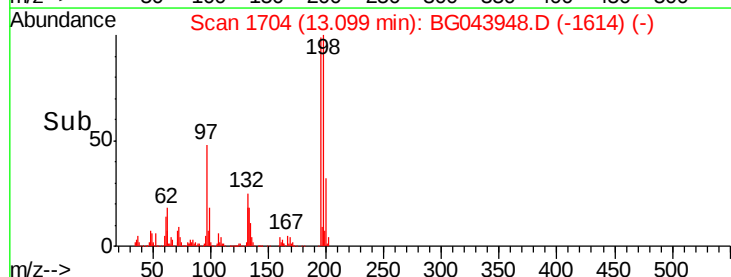
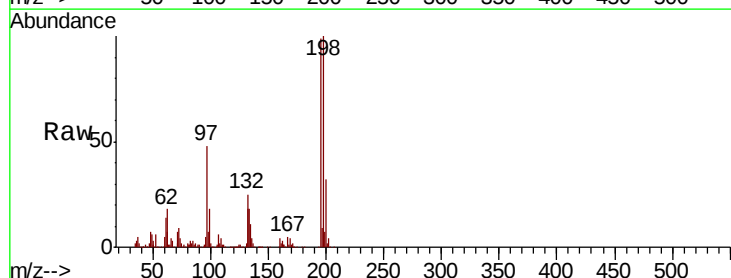
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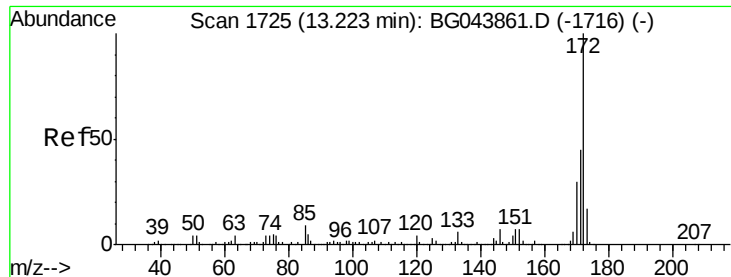
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#44  
2,4,5-Trichlorophenol  
Concen: 40.677 ng  
RT: 13.10 min Scan# 1704  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 101.0 | 78.3  | 117.5 |
| 97      | 48.8  | 38.8  | 58.2  |
| 132     | 25.4  | 21.3  | 31.9  |





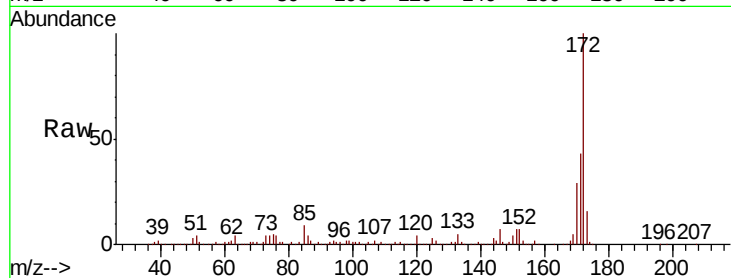
#45  
2-Fluorobiphenyl  
Concen: 83.230 ng  
RT: 13.22 min Scan# 1724  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 42.7  | 35.8  | 53.8  |
| 170     | 28.7  | 24.2  | 36.4  |

Manual Integrations  
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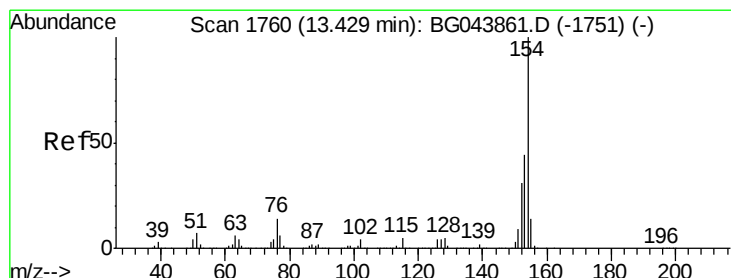
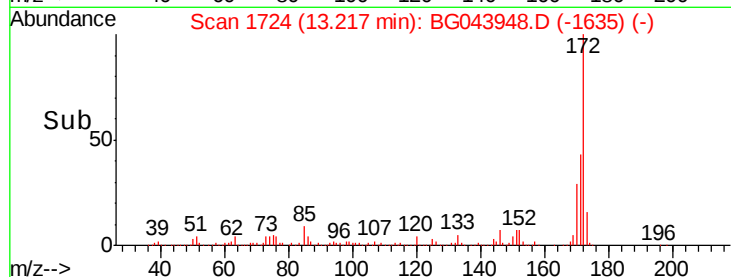
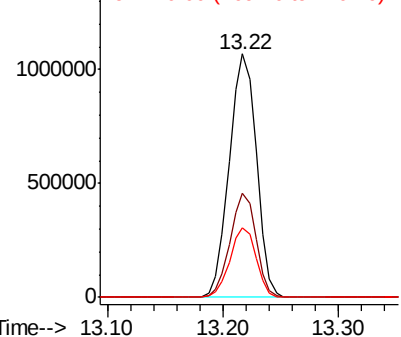


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 40.870 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

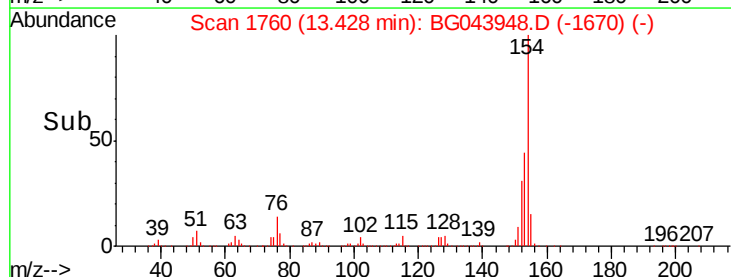
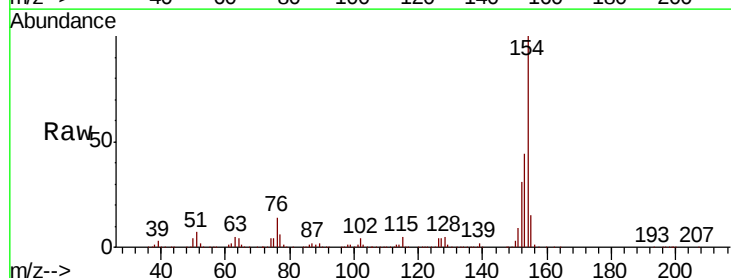
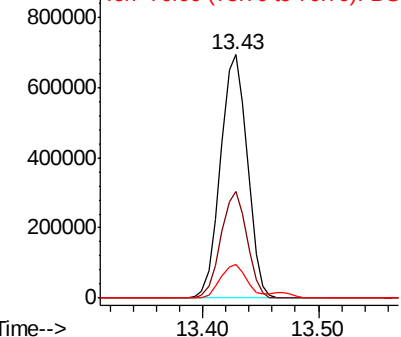
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.7  | 23.6  | 63.6  |
| 76      | 14.0  | 0.0   | 34.4  |

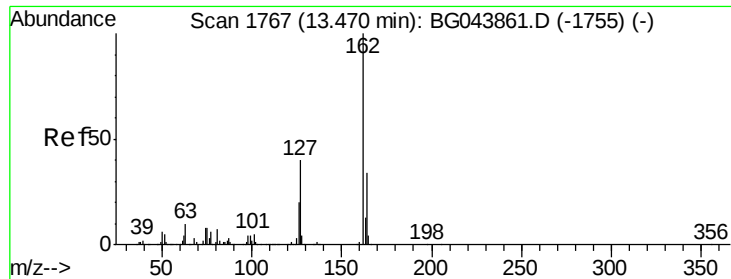
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





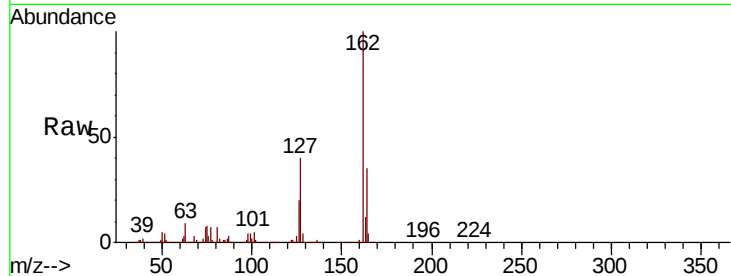
#47  
2-Chloronaphthalene  
Concen: 40.231 ng  
RT: 13.47 min Scan# 1767  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 885723 |       |       |
| 127     | 39.7  |        | 32.1  | 48.1  |
| 164     | 35.0  |        | 27.5  | 41.3  |

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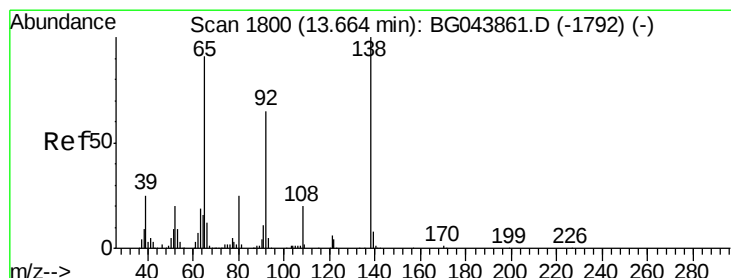
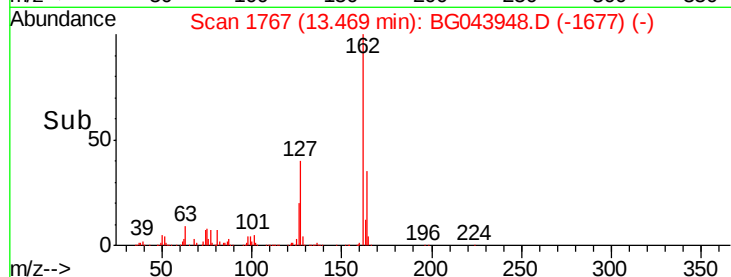
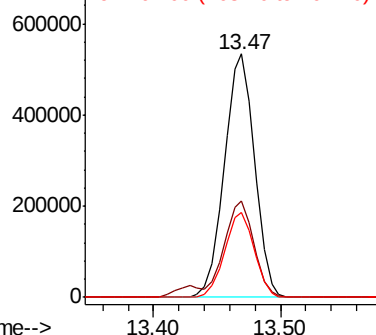


Abundance

Ion 162.00 (161.70 to 162.70): E

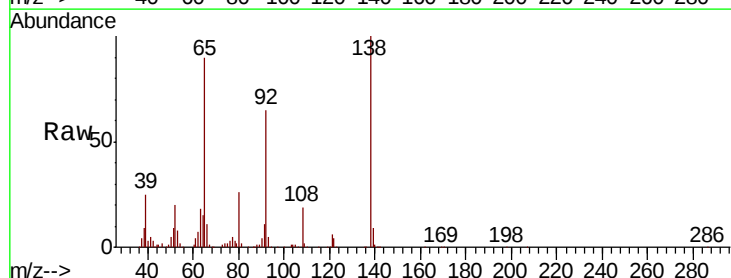
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
2-Nitroaniline  
Concen: 41.162 ng  
RT: 13.66 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 291502 |       |       |
| 92      | 72.9  |        | 57.4  | 86.2  |
| 138     | 111.5 |        | 88.2  | 132.4 |

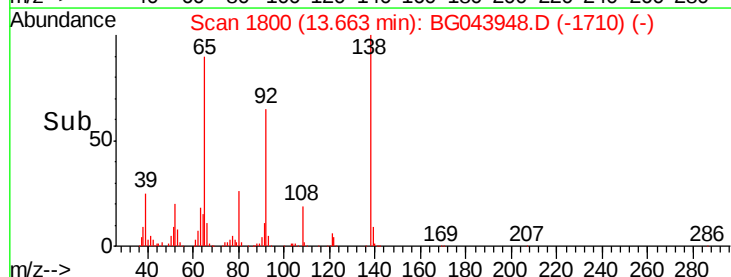
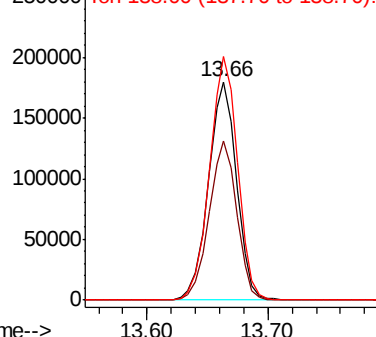


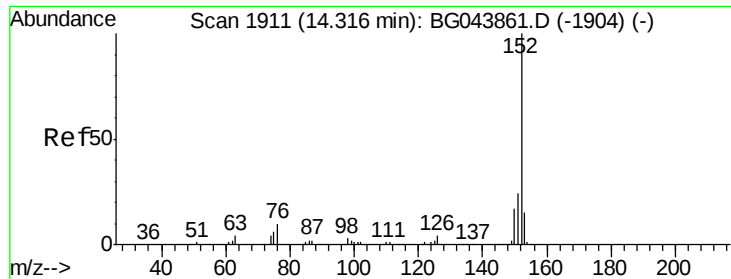
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





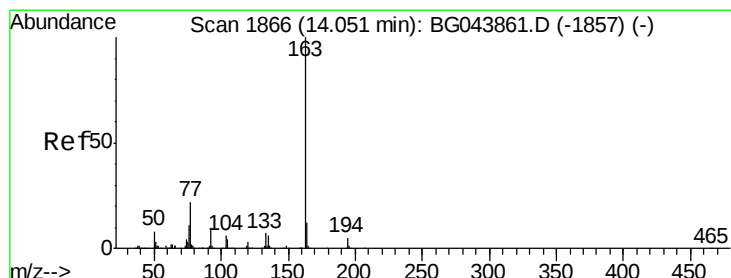
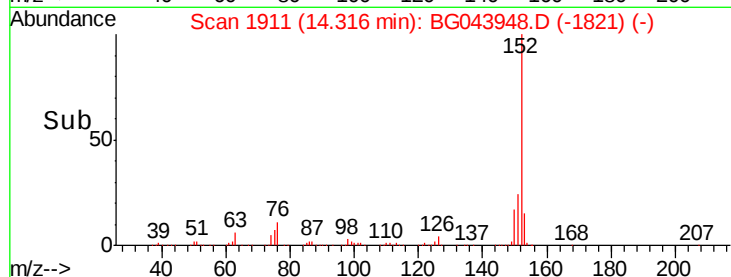
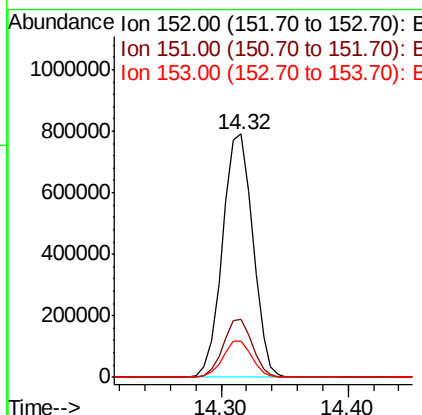
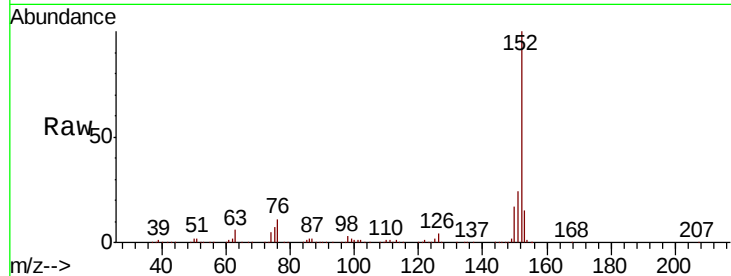
#49  
Acenaphthylene  
Concen: 41.309 ng  
RT: 14.32 min Scan# 1911  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 23.6  | 19.4  | 29.2  |
| 153     | 15.0  | 12.0  | 18.0  |

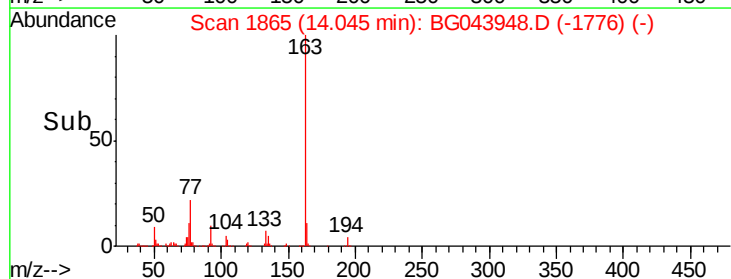
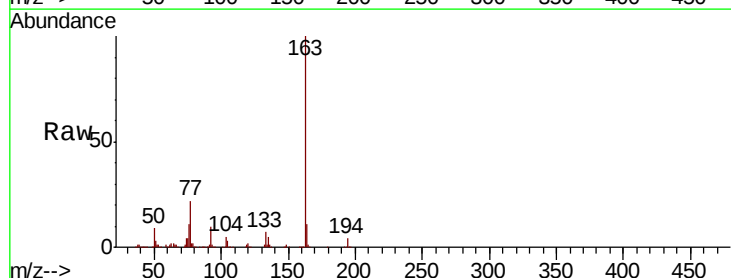
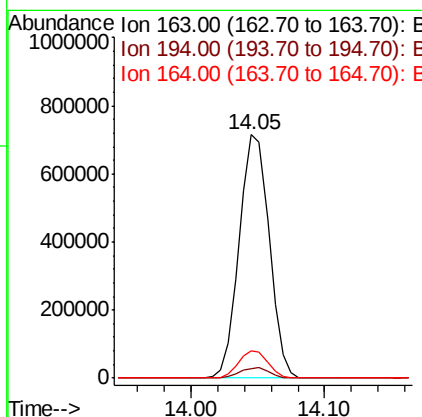
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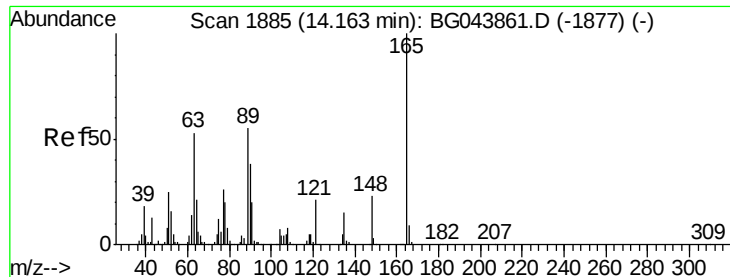
mohammad  
1/8/2020 4:25:57 PM



#50  
Dimethylphthalate  
Concen: 41.217 ng  
RT: 14.05 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.7   | 5.5   |
| 164     | 11.5  | 9.3   | 13.9  |





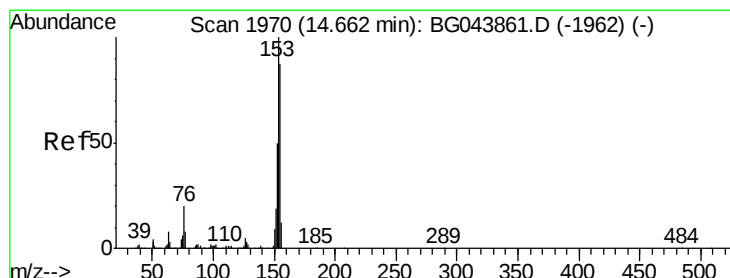
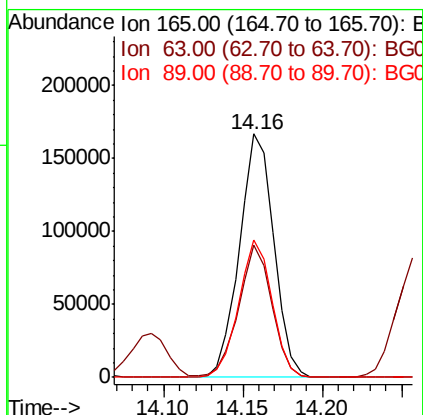
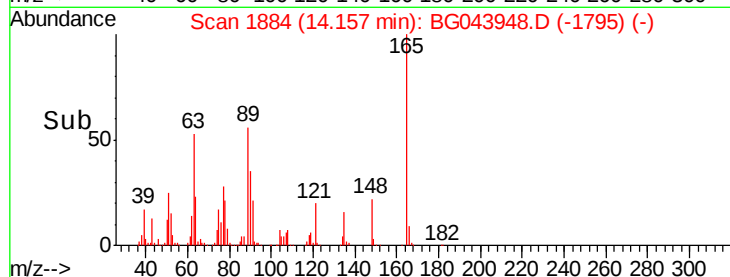
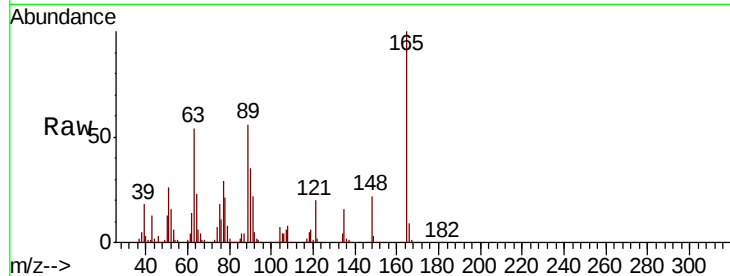
#51  
2,6-Dinitrotoluene  
Concen: 41.095 ng  
RT: 14.16 min Scan# 1884  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 165   | Resp: | 250614 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 54.3  | 43.1  | 64.7   |
| 89        | 56.3  | 43.8  | 65.6   |

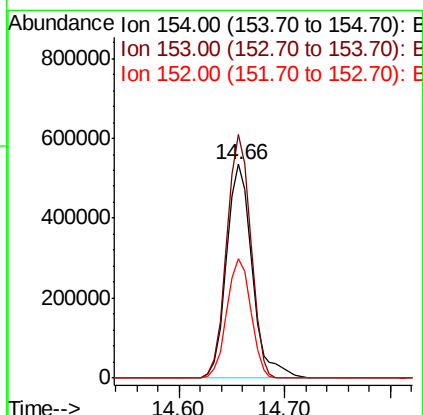
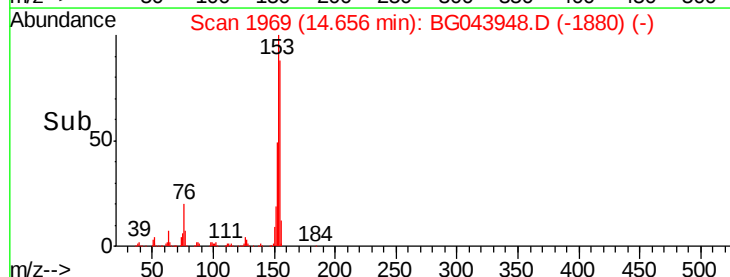
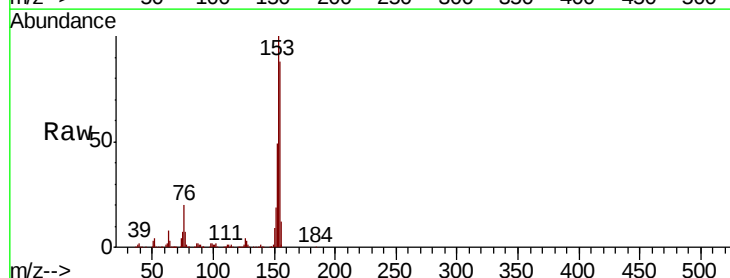
Manual Integrations  
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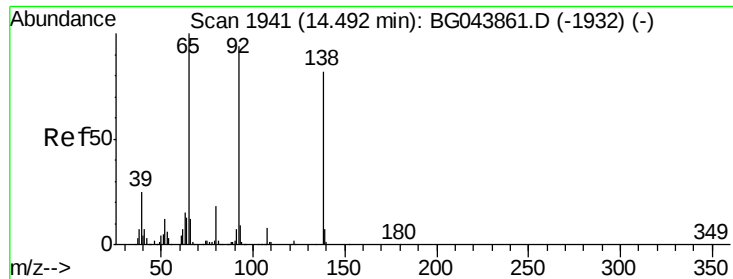
mohammad  
1/8/2020 4:25:57 PM



#52  
Acenaphthene  
Concen: 40.473 ng  
RT: 14.66 min Scan# 1969  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 898132 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.9 | 91.6  | 137.4  |
| 152       | 56.1  | 45.4  | 68.0   |





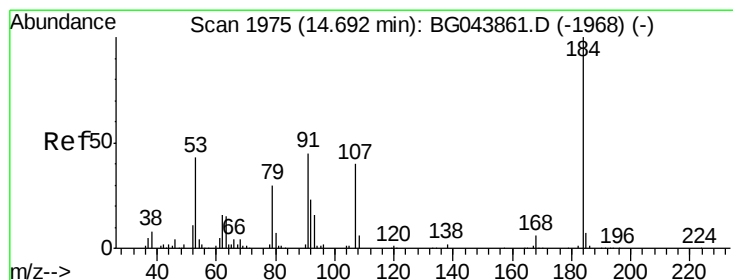
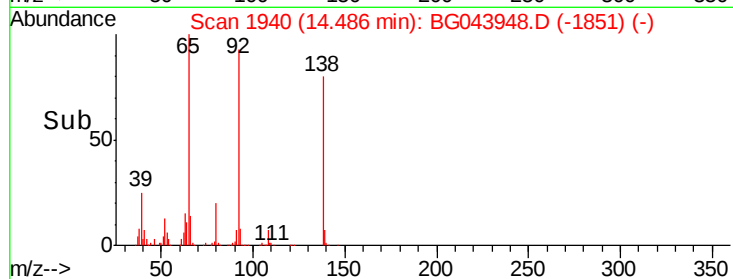
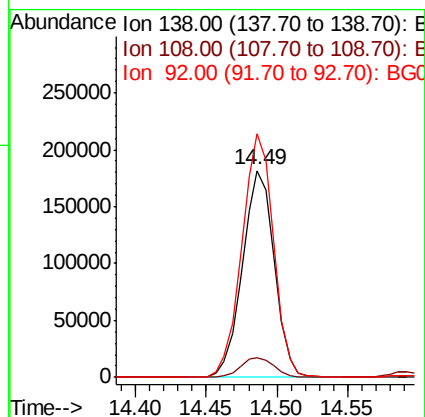
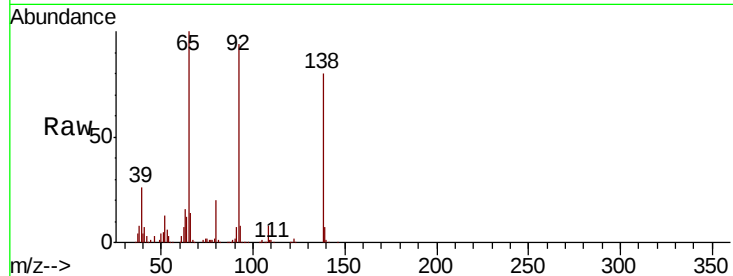
#53  
3-Nitroaniline  
Concen: 41.457 ng  
RT: 14.49 min Scan# 1940  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.6   | 7.4   | 11.2  |
| 92      | 117.6 | 92.1  | 138.1 |

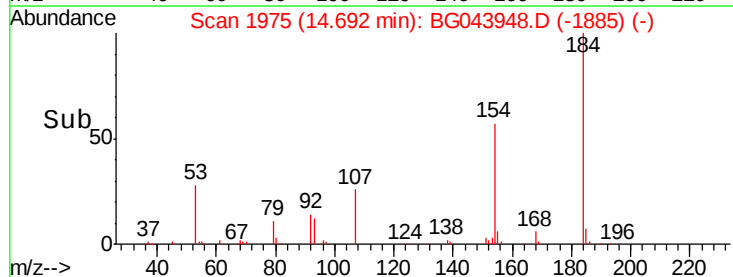
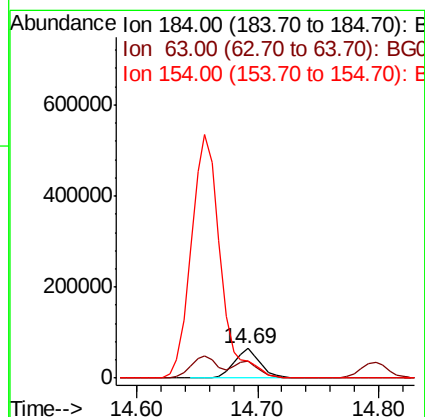
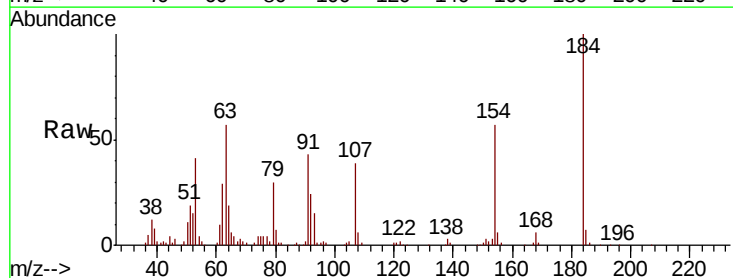
Manual Integrations  
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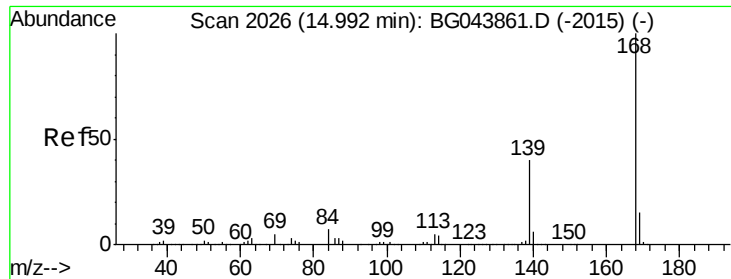
mohammad  
1/8/2020 4:25:57 PM



#54  
2,4-Dinitrophenol  
Concen: 35.440 ng  
RT: 14.69 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 56.6  | 46.6  | 70.0  |
| 154     | 56.6  | 50.2  | 75.4  |





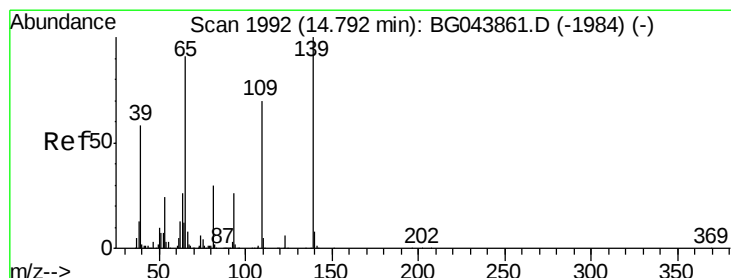
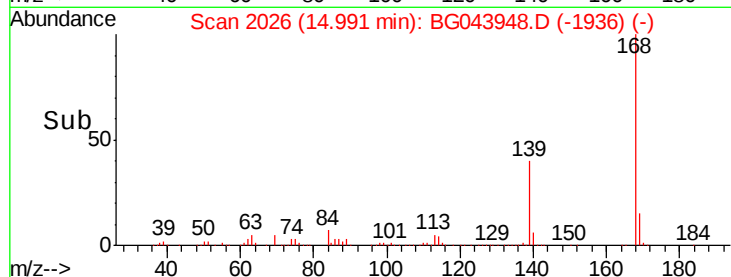
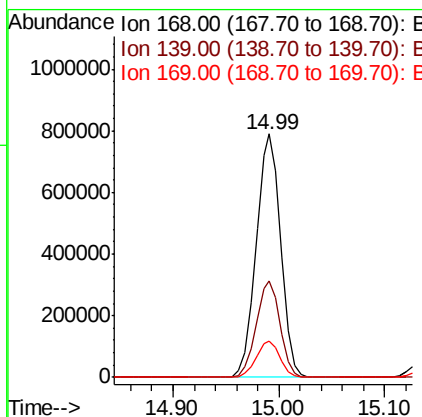
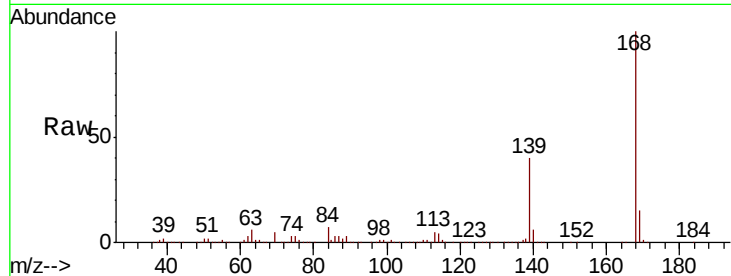
#55  
Dibenzenofuran  
Concen: 41.590 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 32.2  | 48.2  |
| 169     | 15.0  | 12.2  | 18.2  |

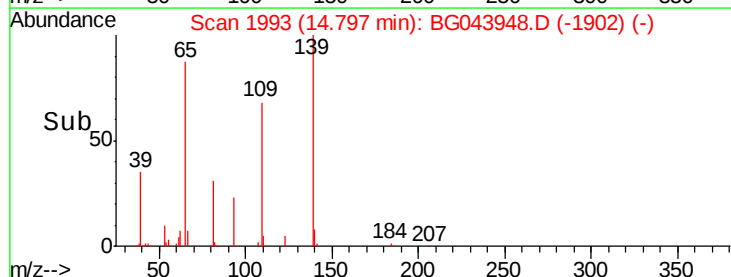
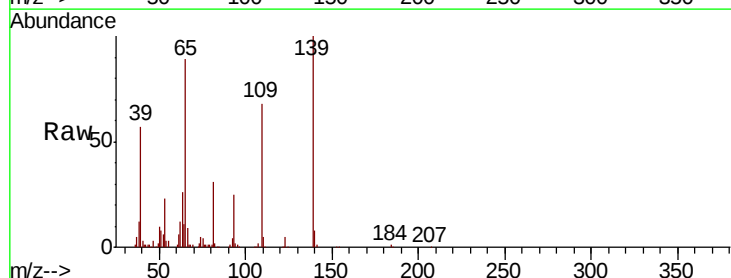
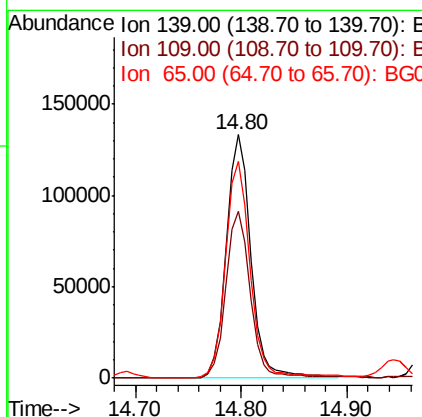
Manual Integrations  
APPROVED

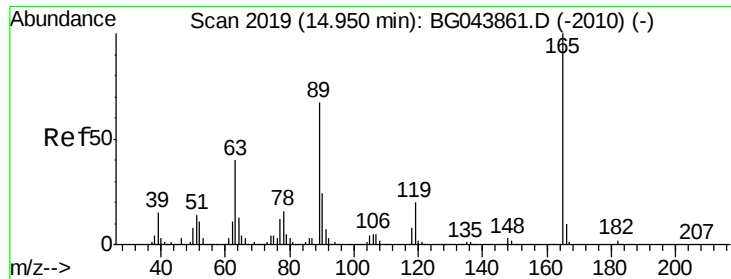
mohammad  
1/8/2020 4:25:57 PM



#56  
4-Nitrophenol  
Concen: 40.324 ng  
RT: 14.80 min Scan# 1993  
Delta R.T. 0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 68.3  | 50.4  | 90.4  |
| 65      | 89.2  | 71.4  | 111.4 |





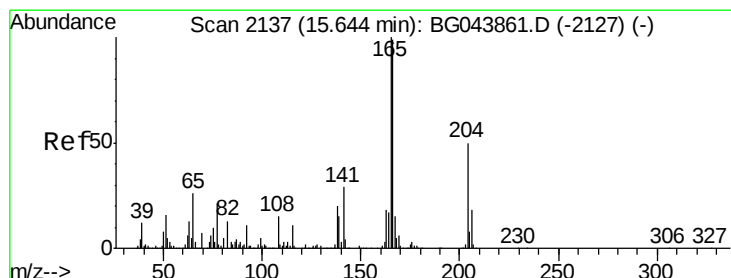
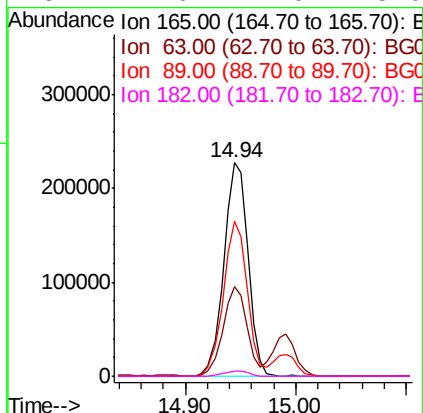
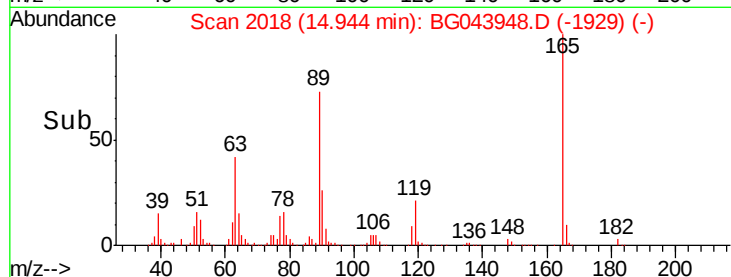
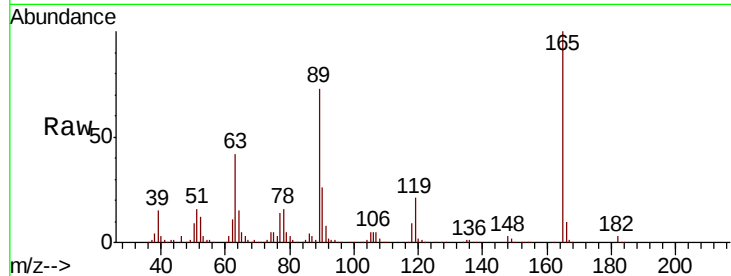
#57  
2,4-Dinitrotoluene  
Concen: 41.994 ng  
RT: 14.94 min Scan# 2018  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 348468 |       |       |
| 63      | 41.7  |        | 31.9  | 47.9  |
| 89      | 72.7  |        | 53.8  | 80.6  |
| 182     | 2.6   |        | 2.0   | 3.0   |

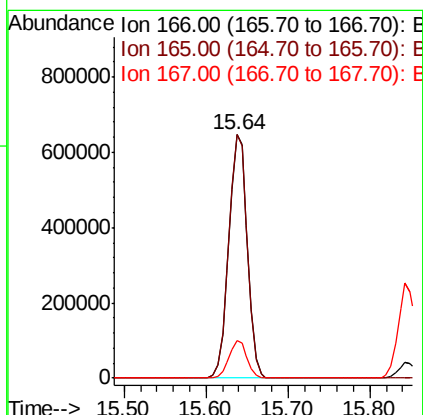
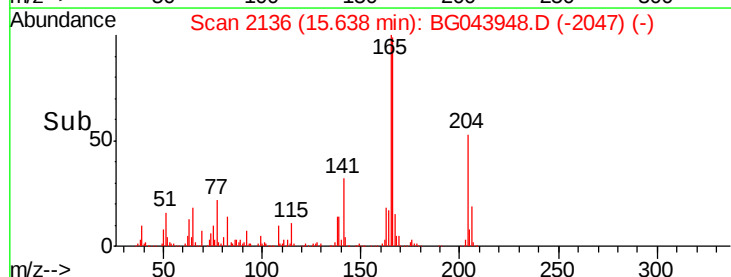
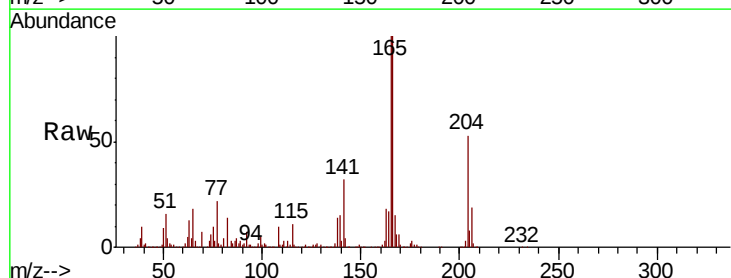
Manual Integrations  
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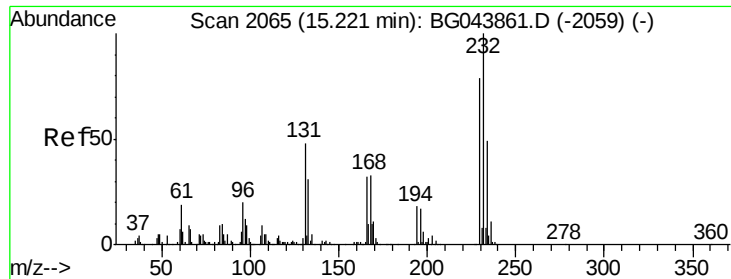
mohammad  
1/8/2020 4:25:57 PM



#58  
Fluorene  
Concen: 41.826 ng  
RT: 15.64 min Scan# 2136  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1012719 |       |       |
| 165     | 100.1 |         | 80.8  | 121.2 |
| 167     | 15.3  |         | 12.1  | 18.1  |





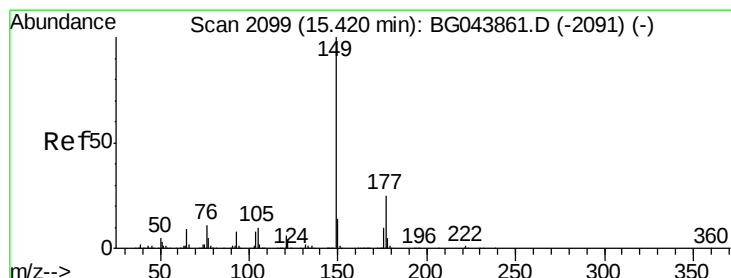
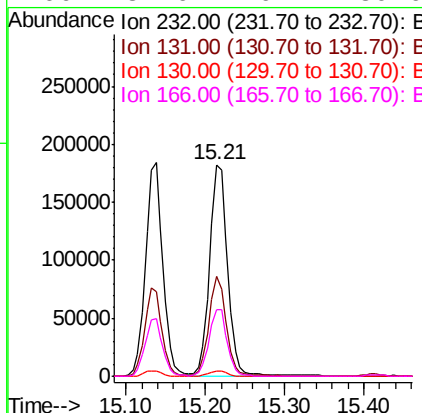
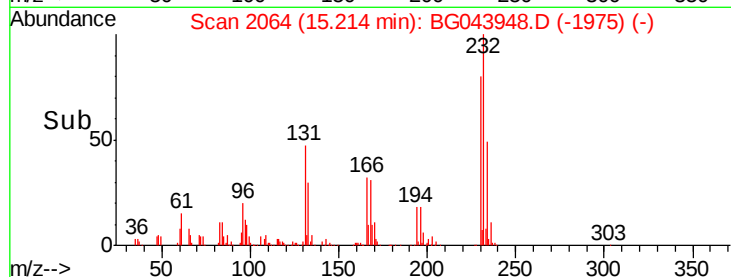
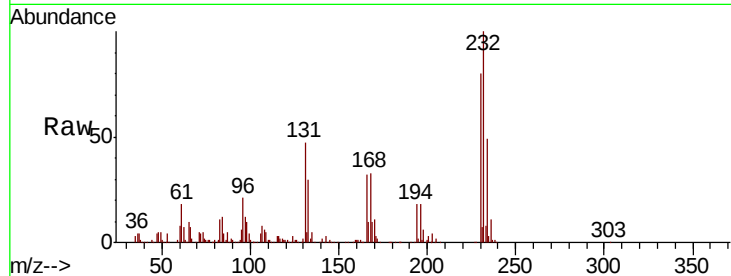
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.196 ng  
RT: 15.21 min Scan# 2064  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.3  | 38.2  | 57.2  |
| 130     | 2.5   | 2.2   | 3.2   |
| 166     | 31.6  | 26.4  | 39.6  |

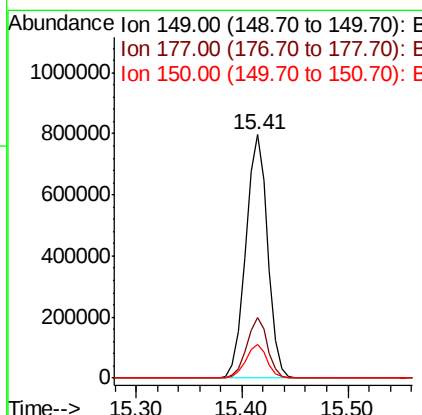
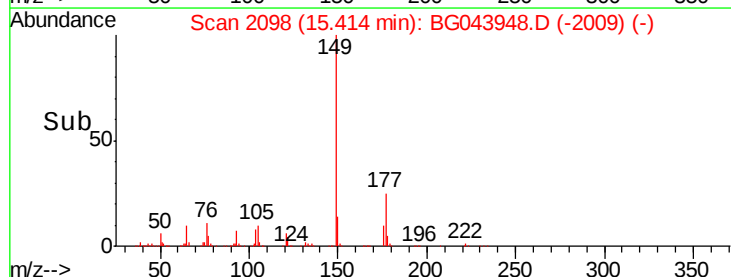
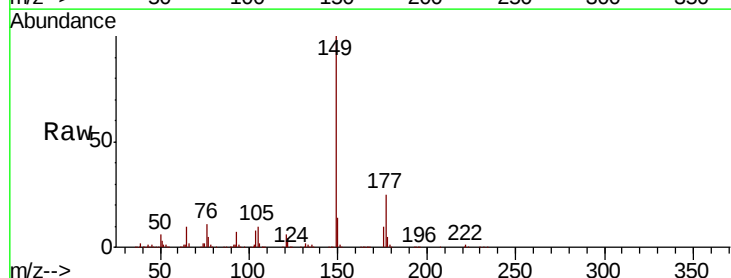
Manual Integrations  
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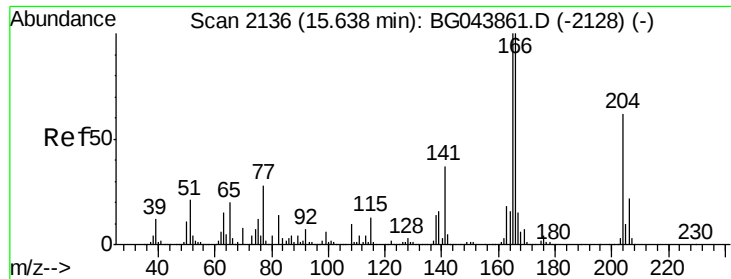
mohammad  
1/8/2020 4:25:57 PM



#60  
Diethylphthalate  
Concen: 42.195 ng  
RT: 15.41 min Scan# 2098  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.8  | 20.0  | 30.0  |
| 150     | 13.9  | 11.1  | 16.7  |





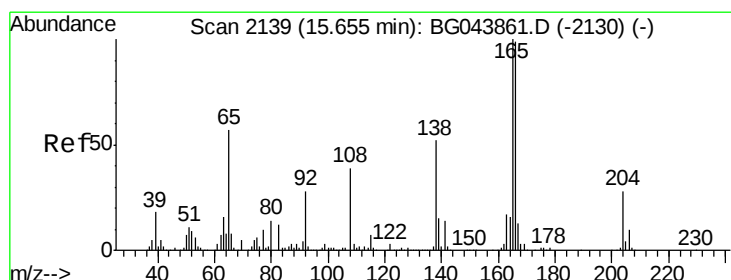
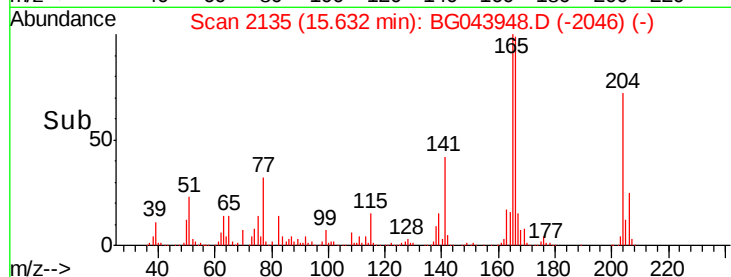
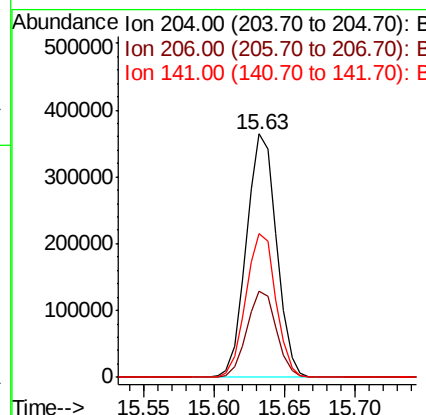
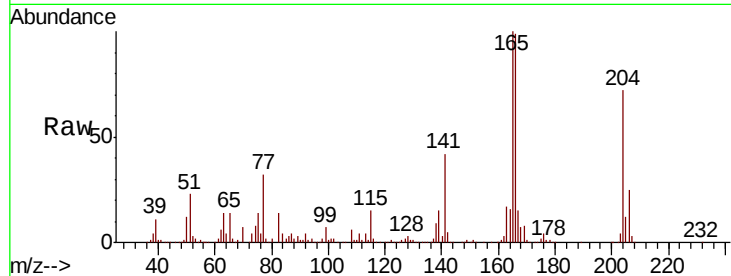
#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.350 ng  
 RT: 15.63 min Scan# 2135  
 Delta R.T. -0.01 min  
 Lab File: BG043948.D  
 Acq: 7 Jan 2020 9:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 543645 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 35.3  | 28.2  | 42.2   |
| 141       | 59.1  | 48.2  | 72.2   |

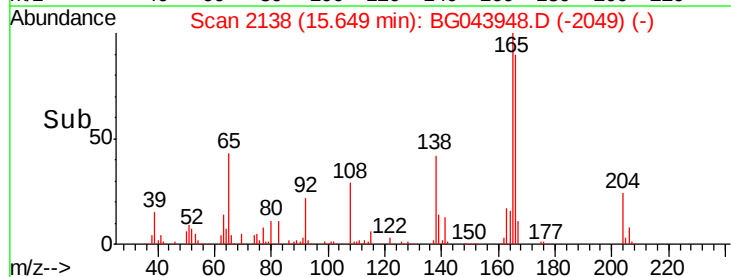
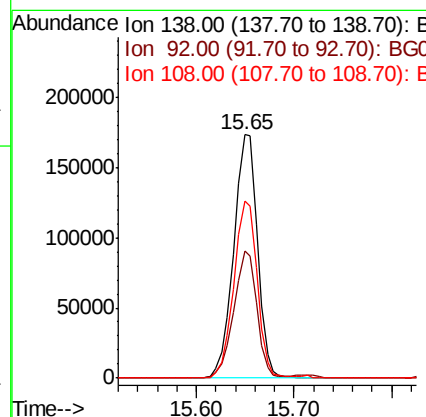
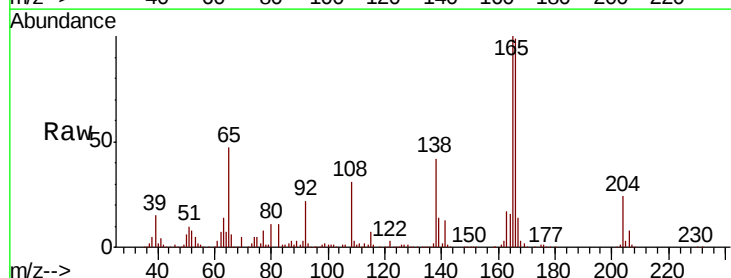
Manual Integrations  
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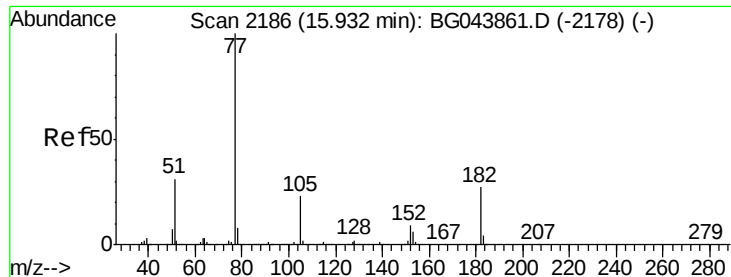
mohammad  
 1/8/2020 4:25:57 PM



#62  
 4-Nitroaniline  
 Concen: 43.013 ng  
 RT: 15.65 min Scan# 2138  
 Delta R.T. -0.01 min  
 Lab File: BG043948.D  
 Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 294156 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 52.2  | 34.3  | 74.3   |
| 108       | 72.7  | 55.0  | 95.0   |





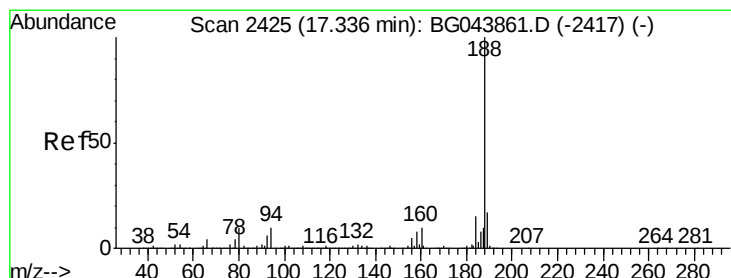
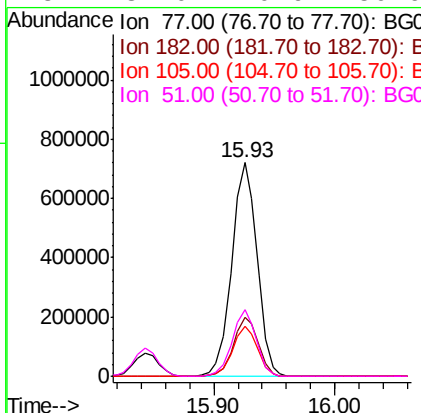
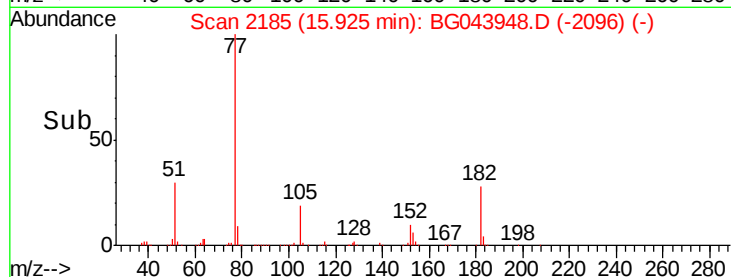
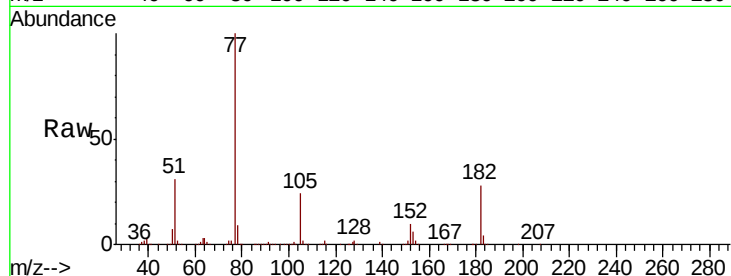
#63  
Azobenzene  
Concen: 41.878 ng  
RT: 15.93 min Scan# 2185  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 27.6 | 7.3   | 47.3  |       |
| 105     | 23.5 | 3.2   | 43.2  |       |
| 51      | 31.0 | 10.6  | 50.6  |       |

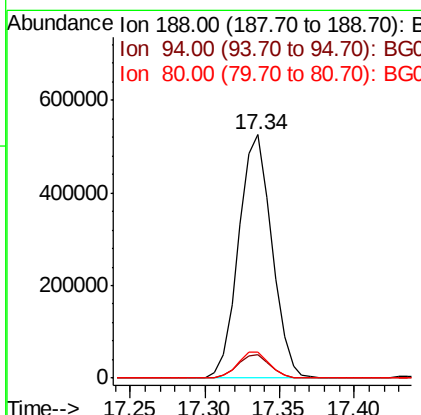
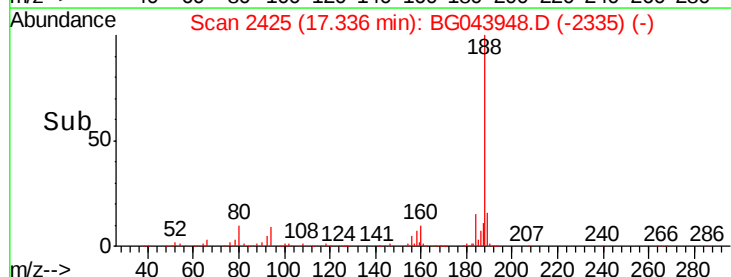
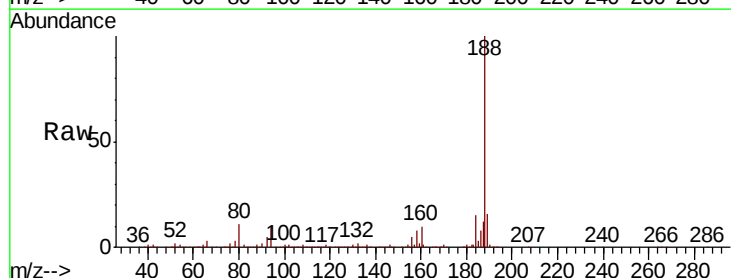
Manual Integrations  
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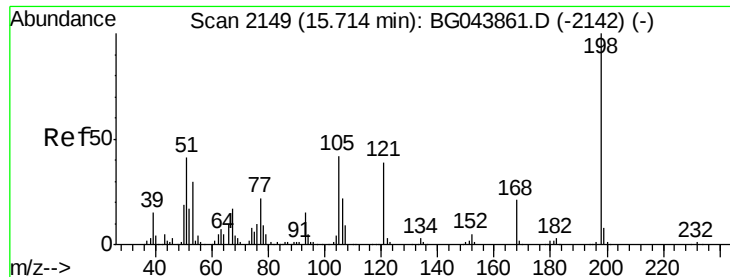
mohammad  
1/8/2020 4:25:57 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.34 min Scan# 2425  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.6  | 7.9   | 11.9  |       |
| 80      | 10.6 | 8.2   | 12.4  |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 38.463 ng

RT: 15.71 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

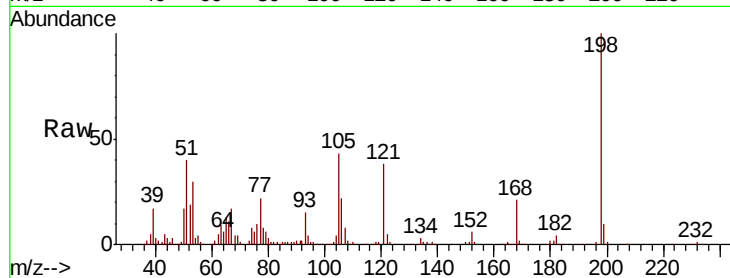
ClientSampleId :

SSTDCCC040

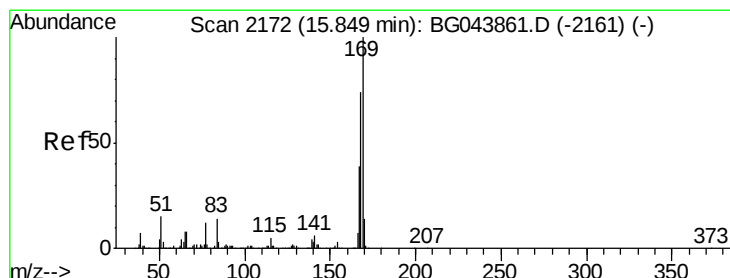
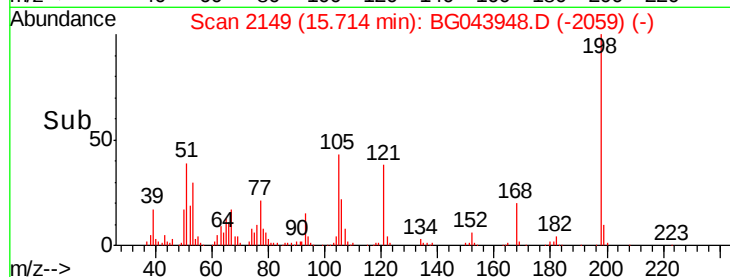
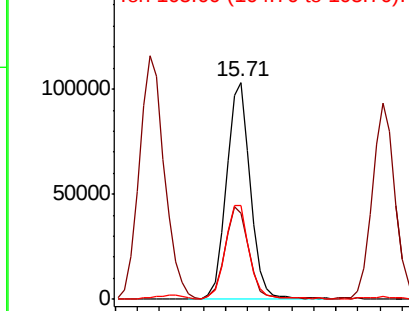
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 156492 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 39.6  | 22.5  | 62.5   |
| 105       | 43.1  | 22.3  | 62.3   |

Manual Integrations  
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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.566 ng

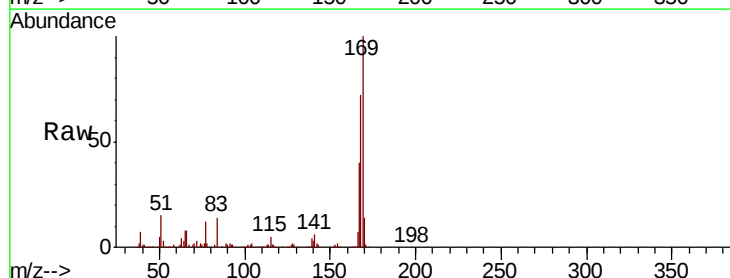
RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

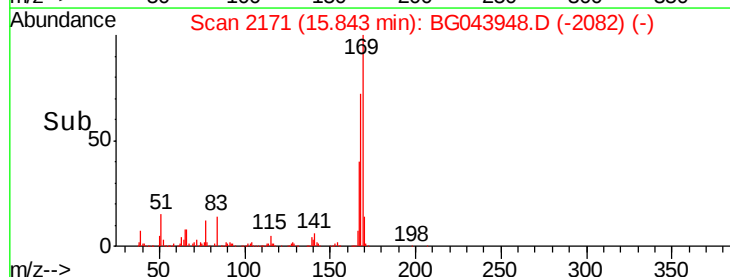
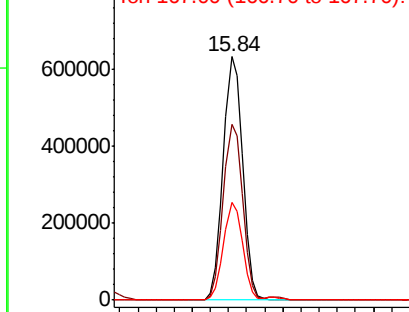
Lab File: BG043948.D

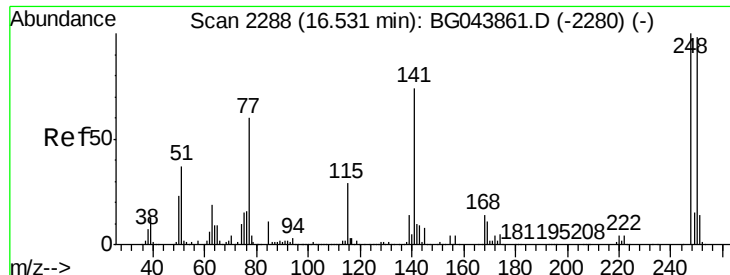
Acq: 7 Jan 2020 9:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 943652 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 72.1  | 59.0  | 88.6   |
| 167       | 39.9  | 31.4  | 47.0   |



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





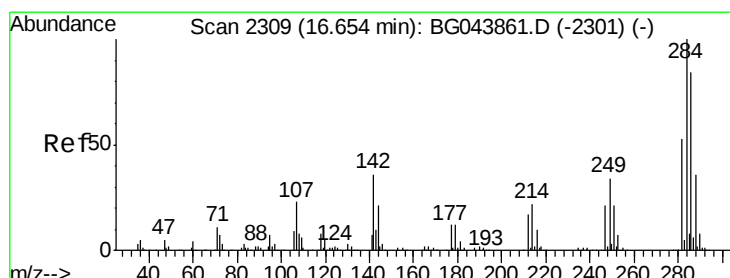
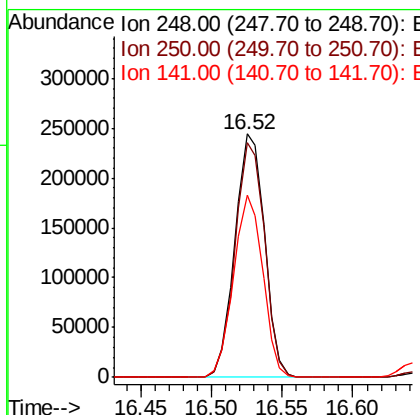
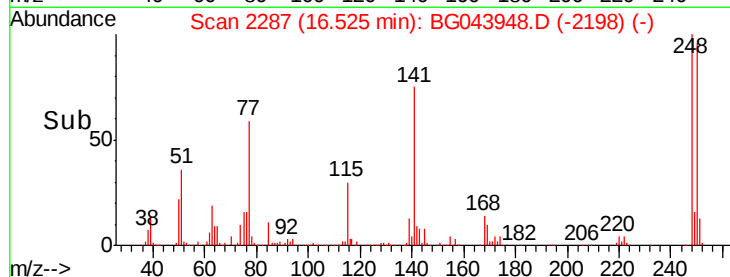
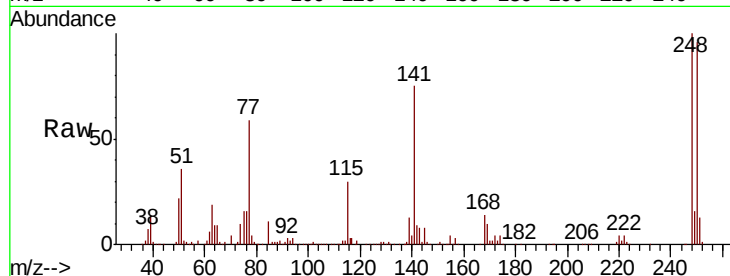
#67  
4-Bromophenyl-phenylether  
Concen: 39.371 ng  
RT: 16.52 min Scan# 2287  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.2  | 78.2  | 117.2 |
| 141     | 74.7  | 59.3  | 88.9  |

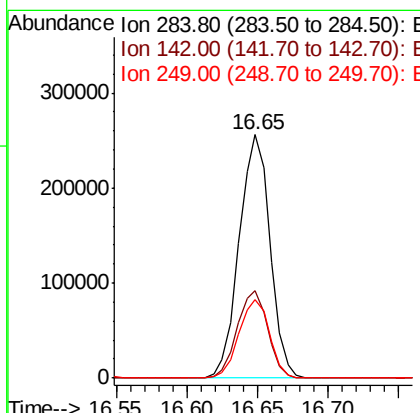
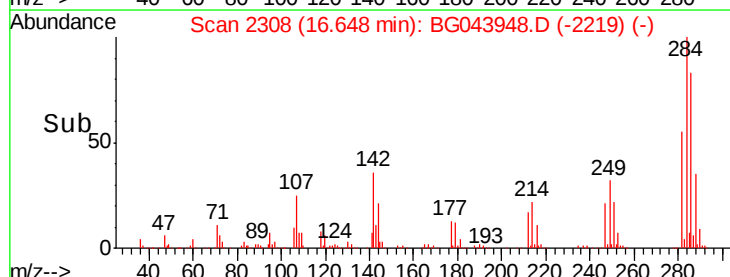
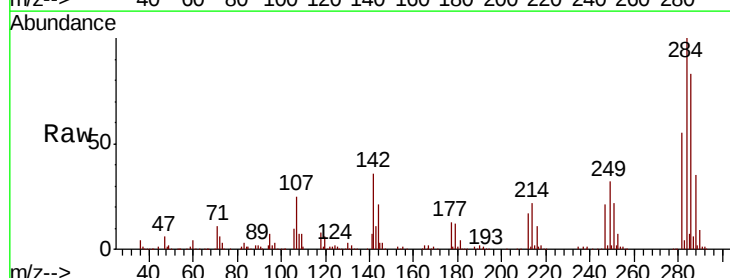
Manual Integrations  
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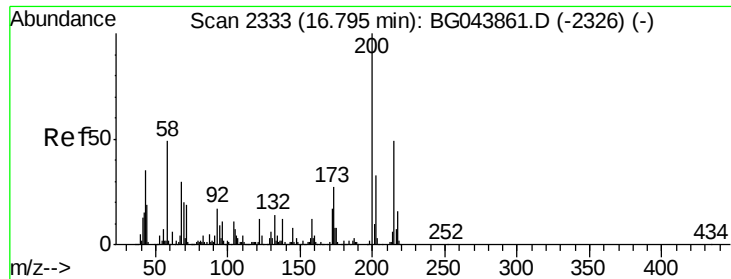
mohammad  
1/8/2020 4:25:57 PM



#68  
Hexachlorobenzene  
Concen: 39.772 ng  
RT: 16.65 min Scan# 2308  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 35.8  | 28.6  | 43.0  |
| 249     | 32.5  | 27.0  | 40.6  |





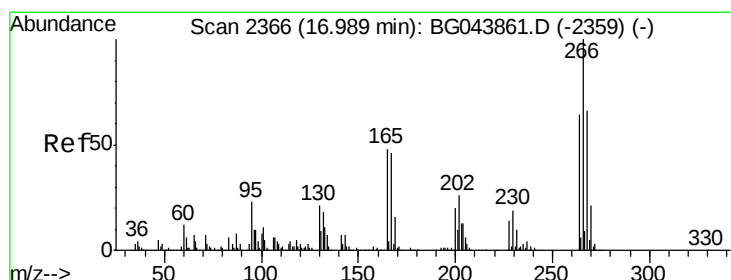
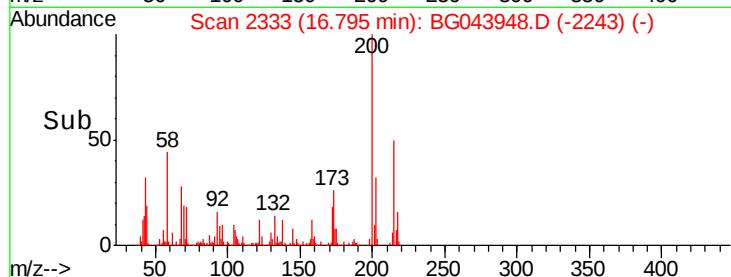
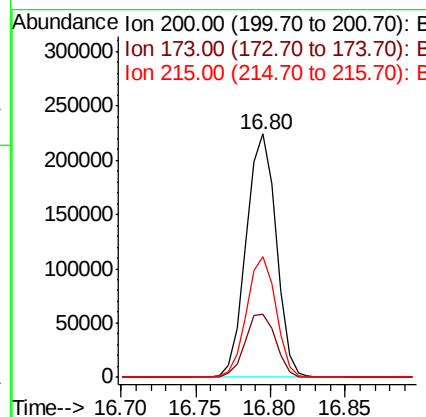
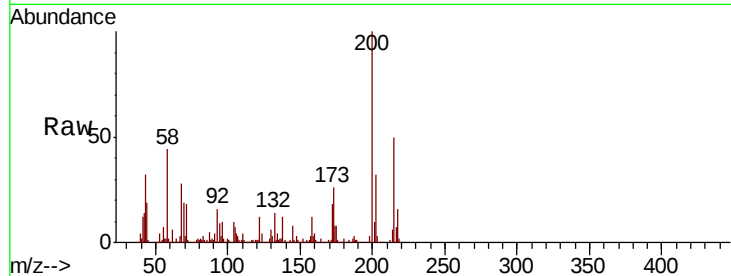
#69  
Atrazine  
Concen: 40.159 ng  
RT: 16.80 min Scan# 2333  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 26.0  | 6.6        | 46.6       |
| 215     | 49.7  | 28.6       | 68.6       |

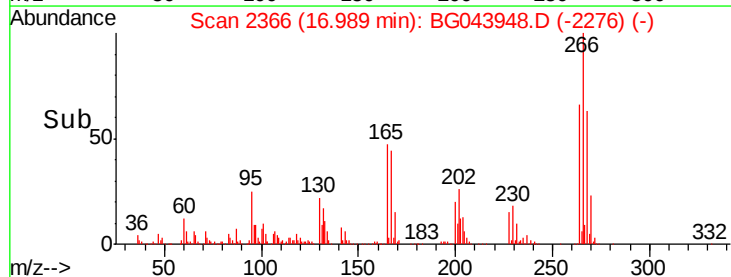
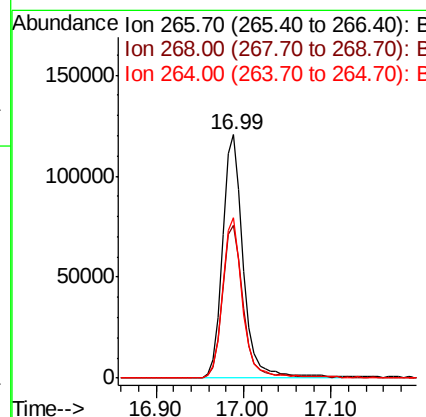
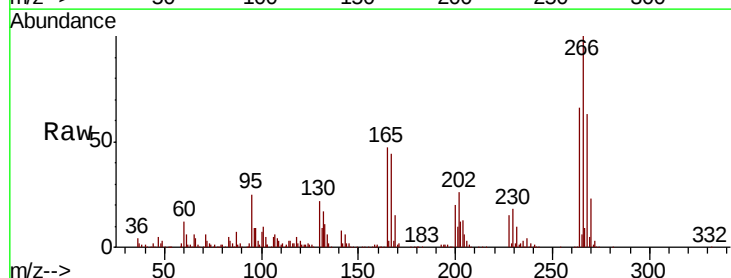
Manual Integrations  
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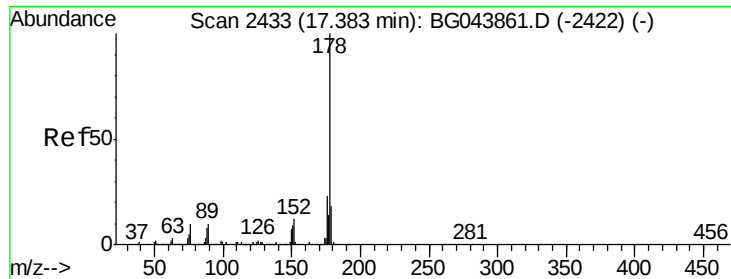
mohammad  
1/8/2020 4:25:57 PM



#70  
Pentachlorophenol  
Concen: 36.749 ng  
RT: 16.99 min Scan# 2366  
Delta R.T. -0.00 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 268     | 63.0  | 52.6       | 79.0       |
| 264     | 65.7  | 50.8       | 76.2       |





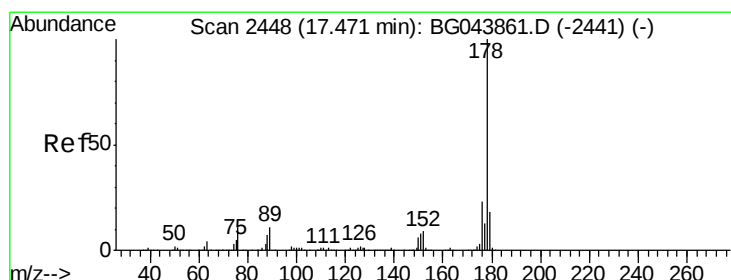
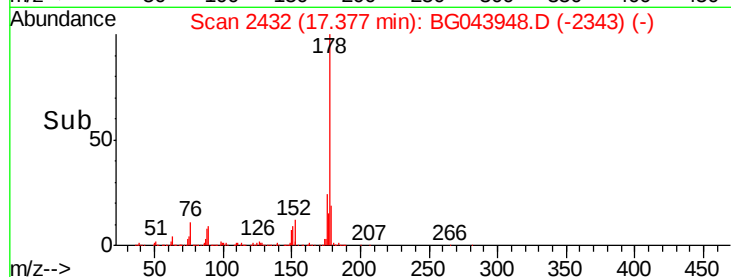
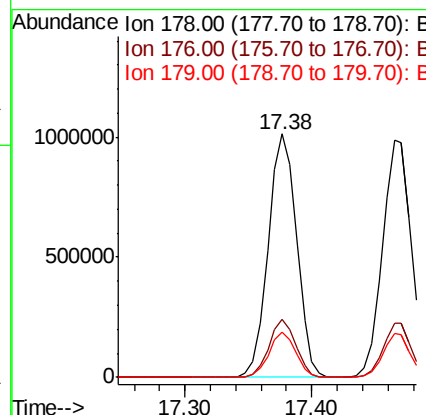
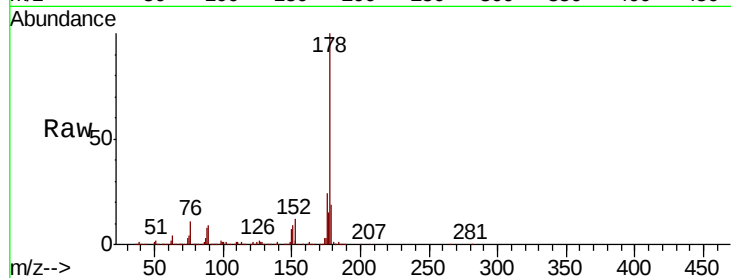
#71  
Phenanthrene  
Concen: 40.739 ng  
RT: 17.38 min Scan# 2432  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 23.9  | 18.6  | 28.0  |
| 179     | 18.7  | 14.4  | 21.6  |

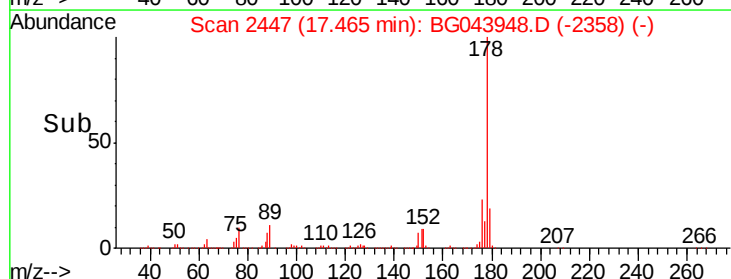
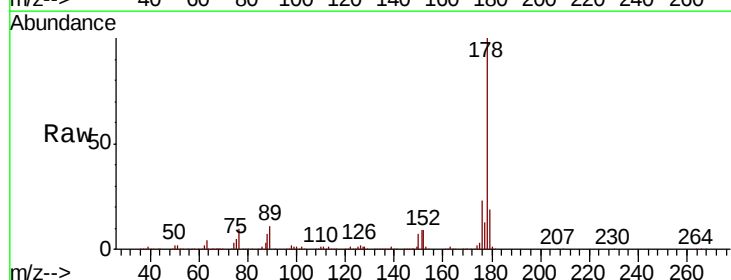
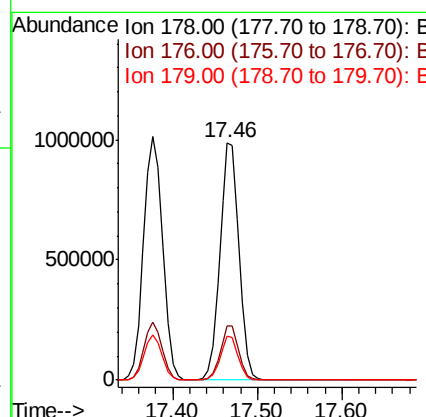
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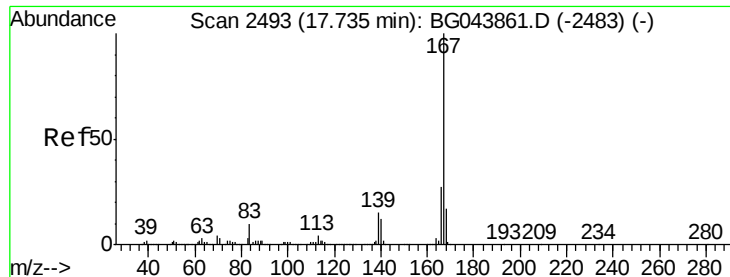
mohammad  
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#72  
Anthracene  
Concen: 40.816 ng  
RT: 17.46 min Scan# 2447  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 22.9  | 18.3  | 27.5  |
| 179     | 18.7  | 14.6  | 22.0  |





#73

Carbazole

Concen: 41.310 ng

RT: 17.74 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1464946

Ion Ratio Lower Upper

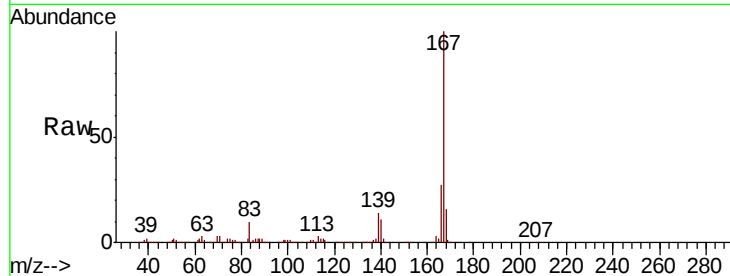
167 100

166 26.6 21.6 32.4

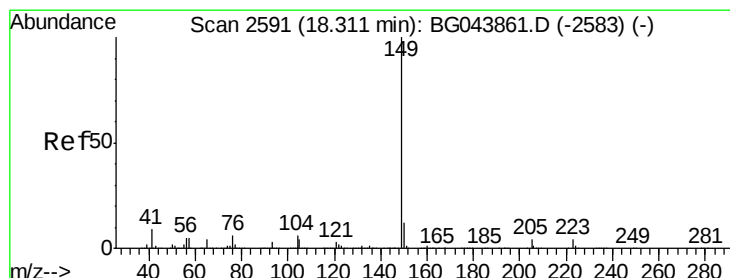
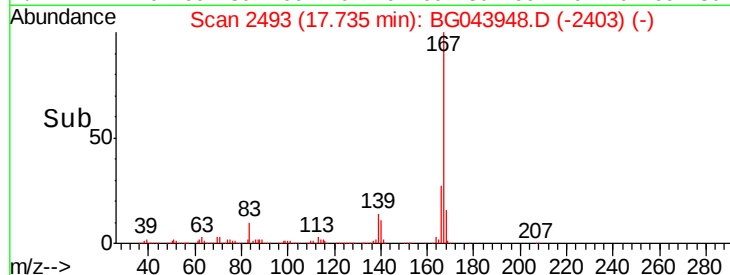
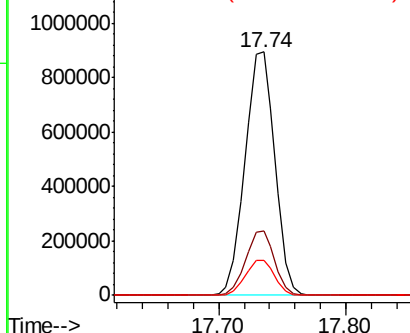
139 14.5 12.1 18.1

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Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.026 ng

RT: 18.31 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

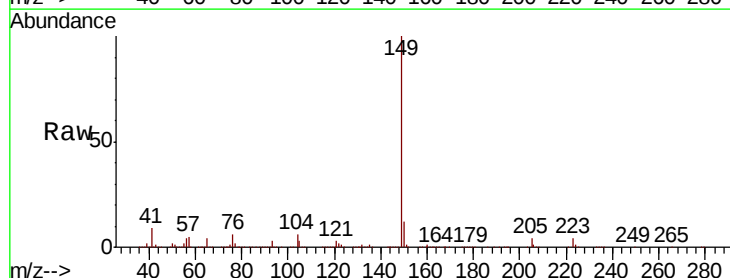
Tgt Ion:149 Resp: 1812239

Ion Ratio Lower Upper

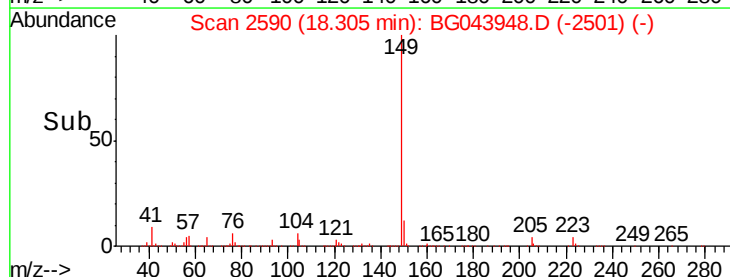
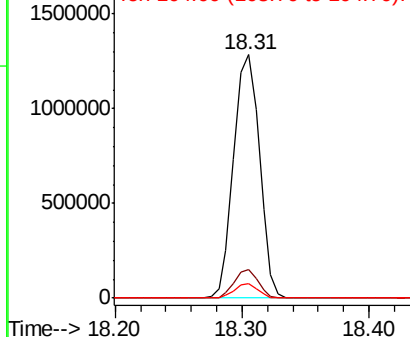
149 100

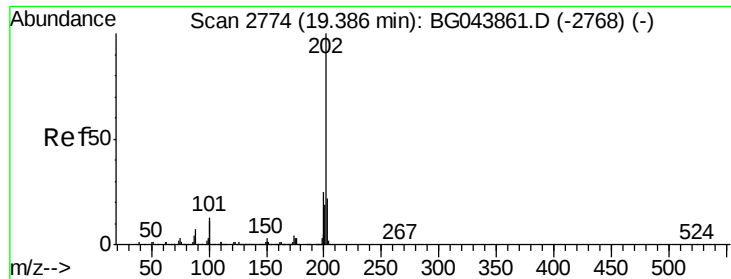
150 11.8 9.7 14.5

104 6.0 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.978 ng

RT: 19.39 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

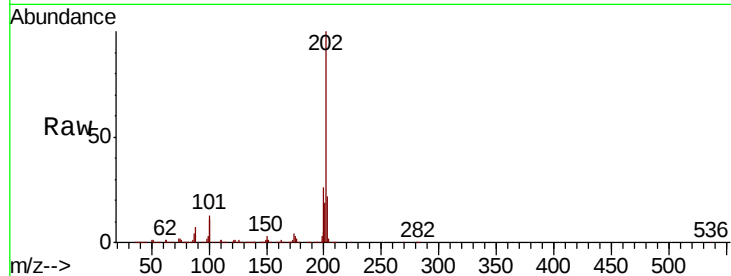
ClientSampleId :

SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1776059 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 13.0  | 0.0   | 33.3    |
| 203      | 21.7  | 1.6   | 41.6    |

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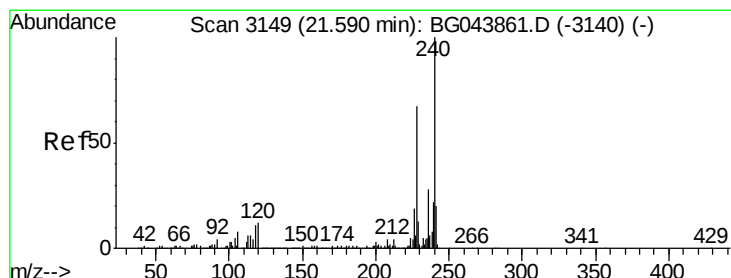
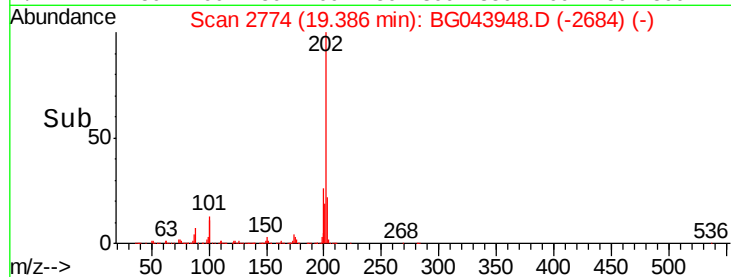
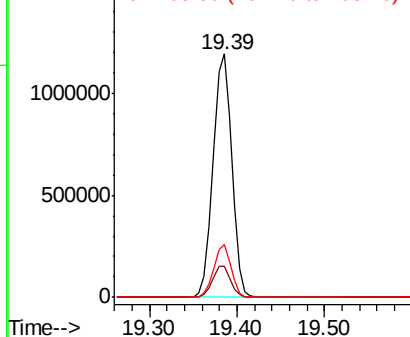


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

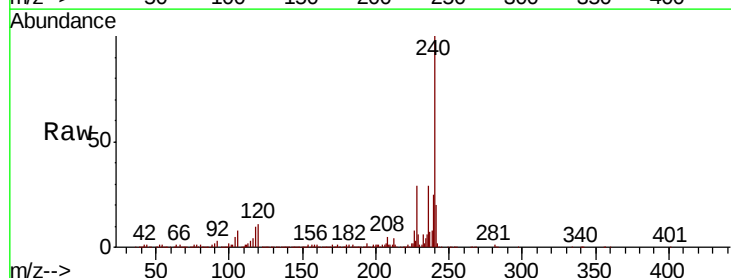
RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 672041 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 11.4  | 9.6   | 14.4   |
| 236      | 29.4  | 22.2  | 33.2   |

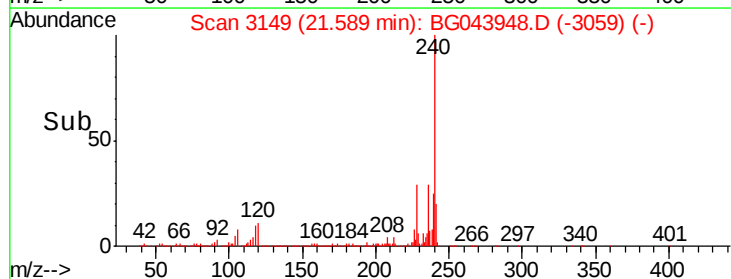
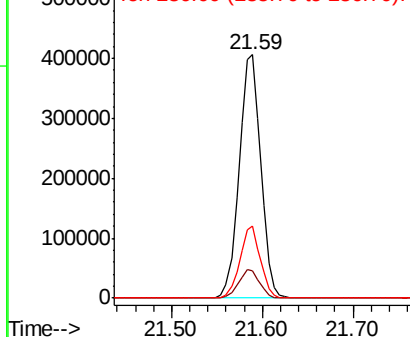


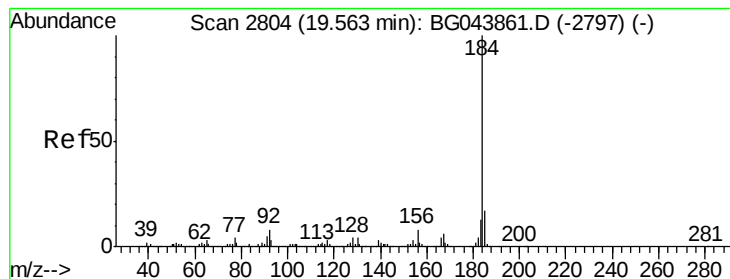
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.962 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

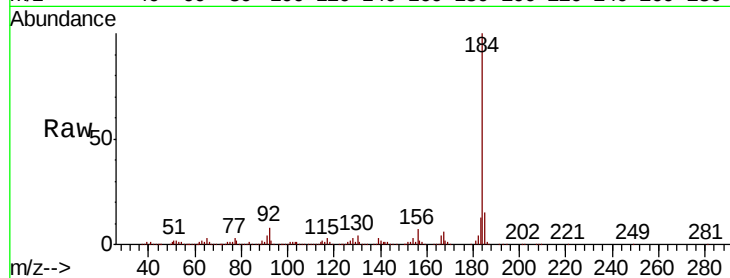
ClientSampleId :

SSTDCCC040

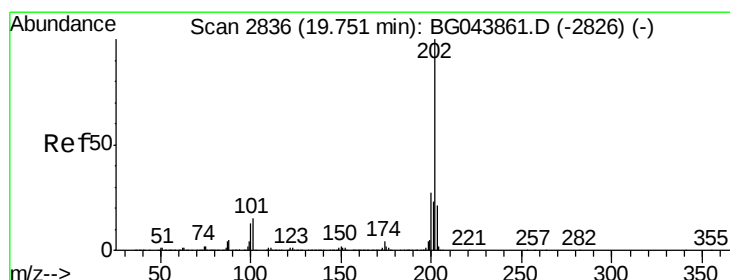
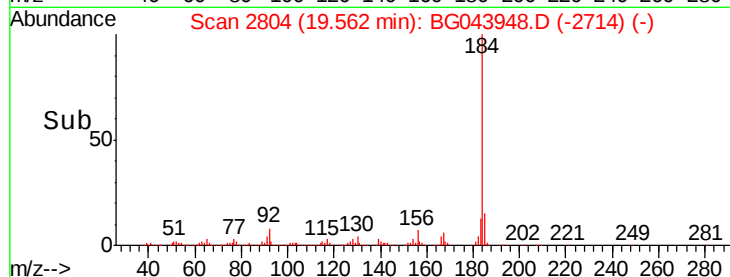
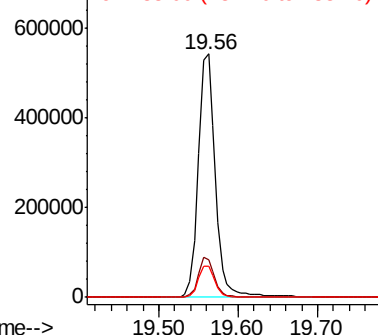
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 184   | Resp: | 810186 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 185      | 15.5  | 13.4  | 20.0   |
| 183      | 13.0  | 10.6  | 15.8   |

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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.431 ng

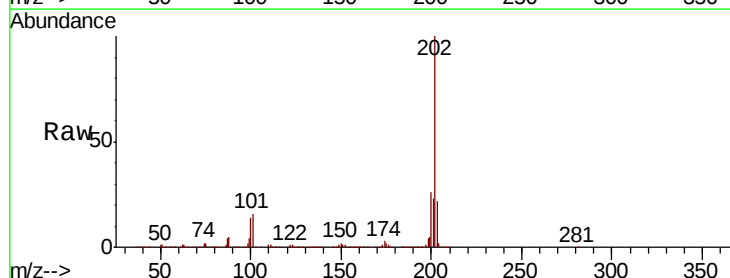
RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

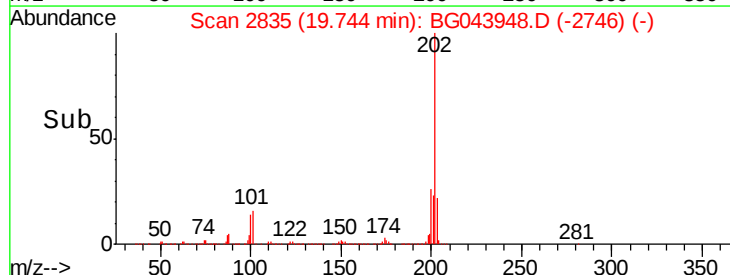
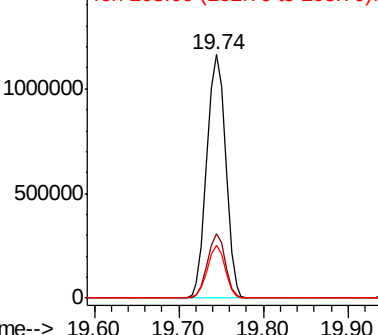
Lab File: BG043948.D

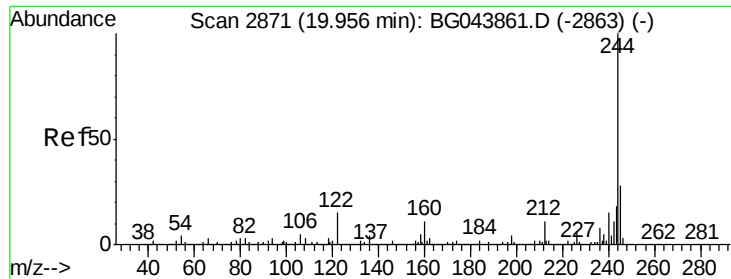
Acq: 7 Jan 2020 9:58

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1773585 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 26.4  | 21.7  | 32.5    |
| 203      | 21.6  | 17.0  | 25.6    |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.495 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2296713

Ion Ratio Lower Upper

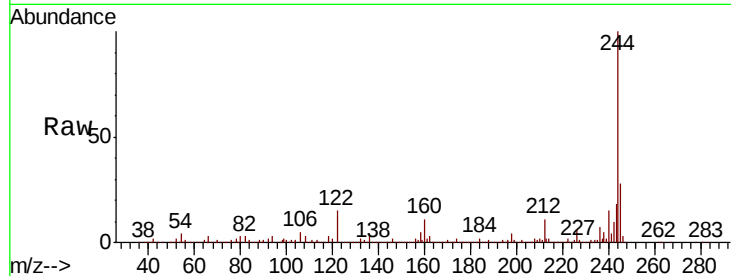
244 100

212 10.8 8.6 13.0

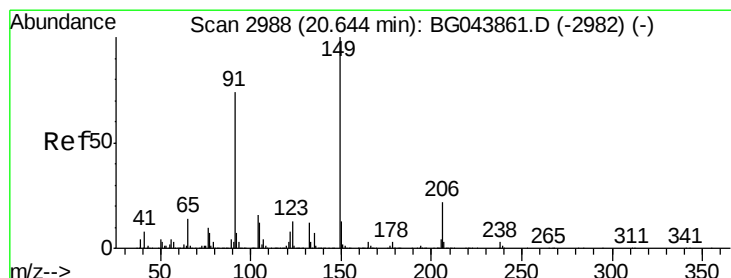
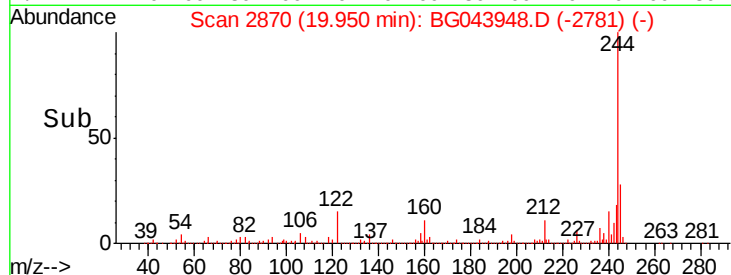
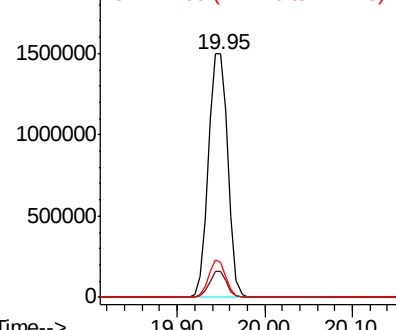
122 14.6 11.9 17.9

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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: 41.476 ng

RT: 20.64 min Scan# 2987

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

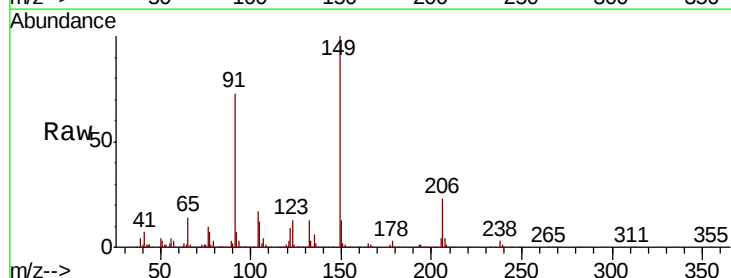
Tgt Ion:149 Resp: 866204

Ion Ratio Lower Upper

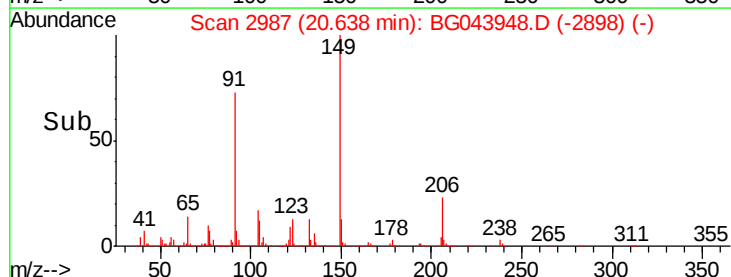
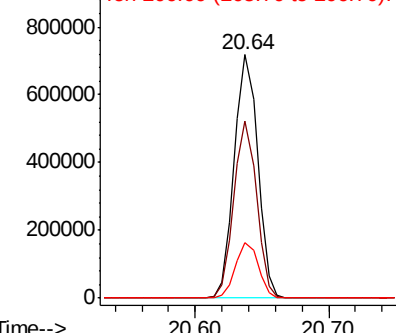
149 100

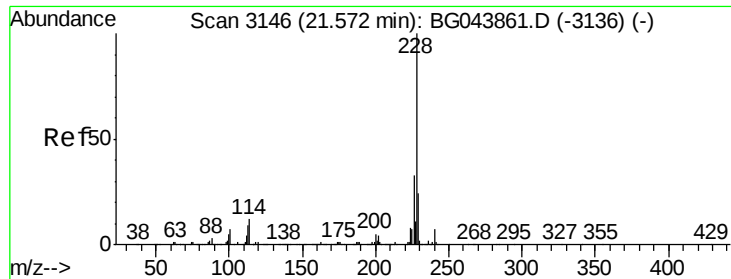
91 72.8 59.5 89.3

206 22.9 17.8 26.6



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





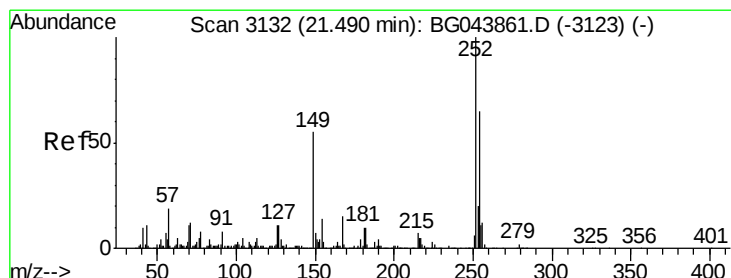
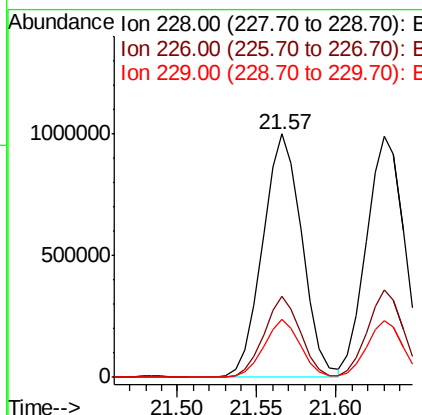
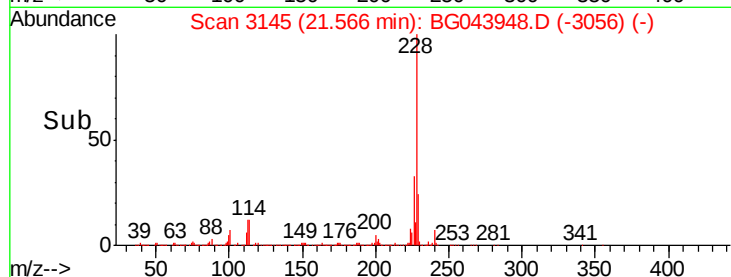
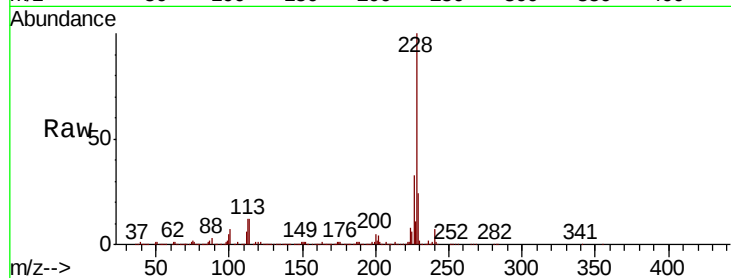
#81  
Benzo(a)anthracene  
Concen: 41.310 ng  
RT: 21.57 min Scan# 3145  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.4  | 26.2  | 39.4  |
| 229     | 23.6  | 18.9  | 28.3  |

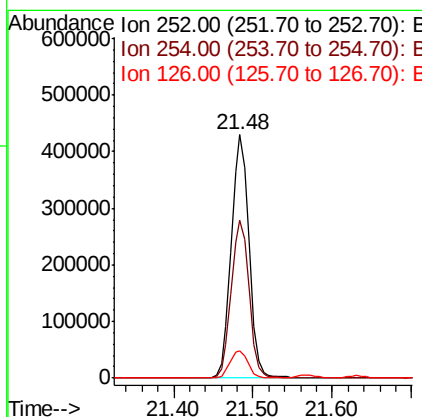
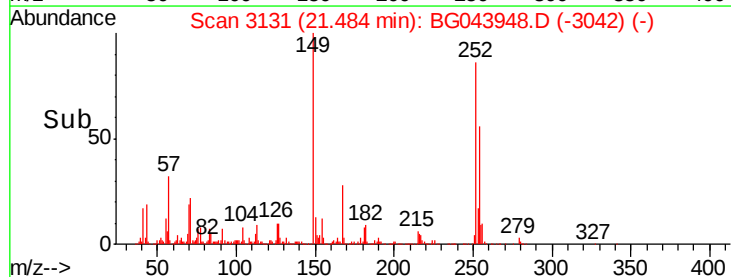
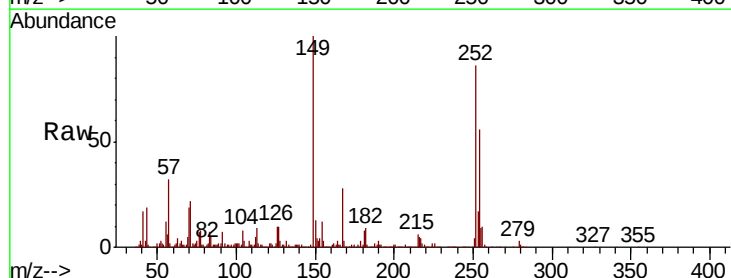
Manual Integrations  
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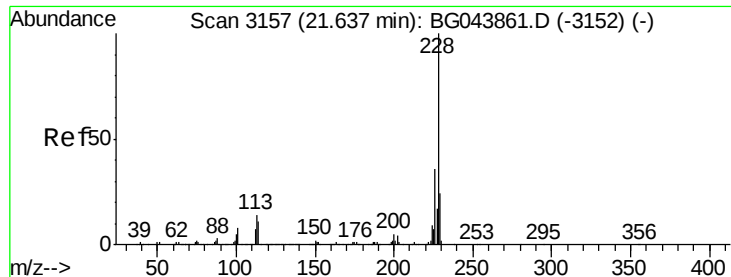
mohammad  
1/8/2020 4:25:57 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 40.572 ng  
RT: 21.48 min Scan# 3131  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.9  | 52.1  | 78.1  |
| 126     | 11.2  | 9.1   | 13.7  |





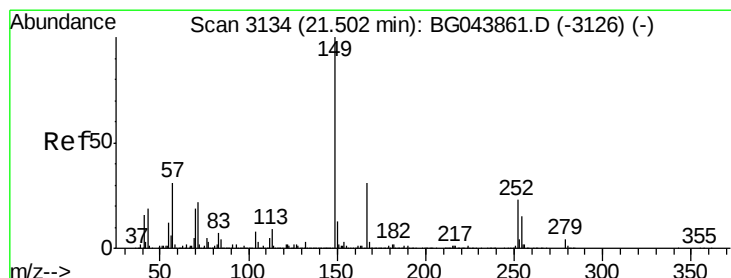
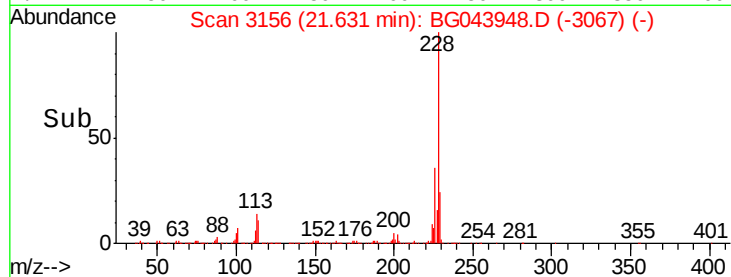
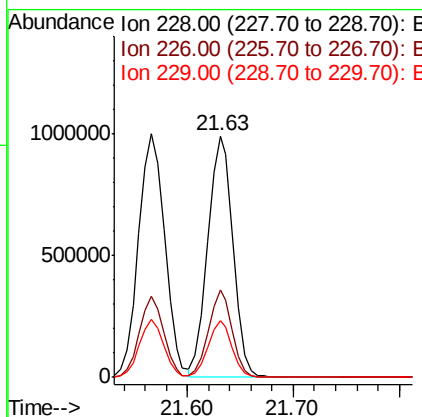
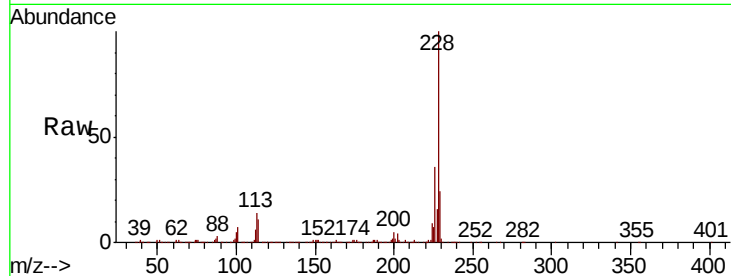
#83  
Chrysene  
Concen: 41.688 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:228 Resp: 1650661  
Ion Ratio Lower Upper  
228 100  
226 36.1 28.8 43.2  
229 23.6 19.0 28.6

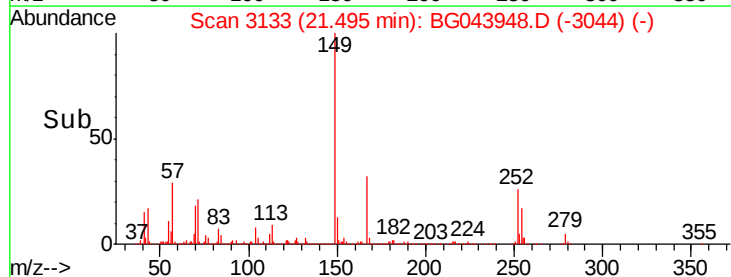
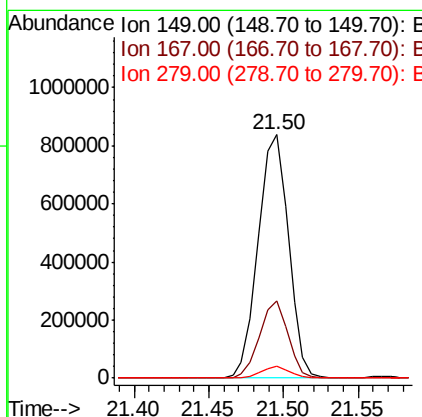
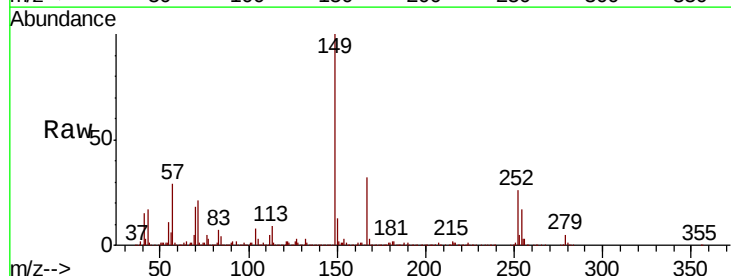
Manual Integrations  
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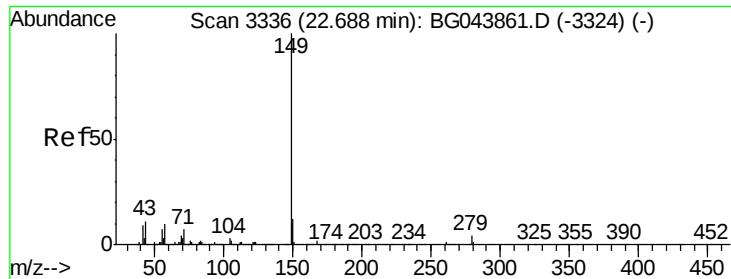
mohammad  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.829 ng  
RT: 21.50 min Scan# 3133  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Tgt Ion:149 Resp: 1176558  
Ion Ratio Lower Upper  
149 100  
167 31.7 24.7 37.1  
279 4.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.749 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2022564

Ion Ratio Lower Upper

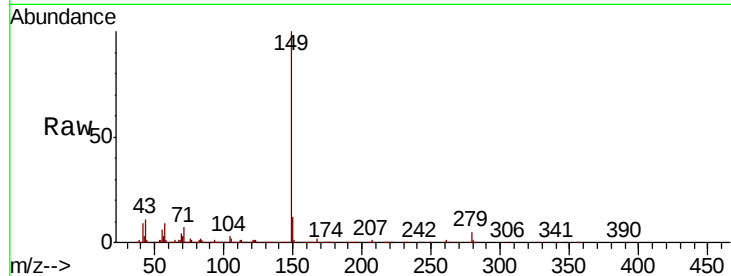
149 100

167 1.7 1.4 2.0

43 10.6 8.8 13.2

Manual Integrations  
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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

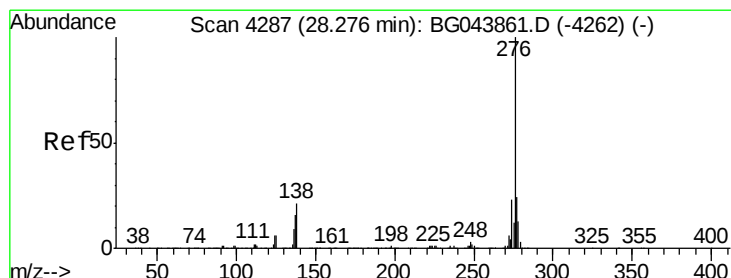
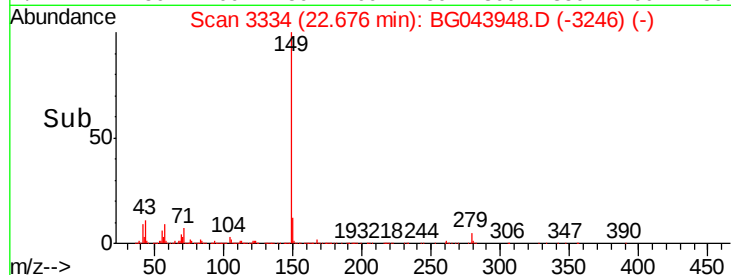
22.68

1000000

500000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.835 ng

RT: 28.25 min Scan# 4283

Delta R.T. -0.02 min

Lab File: BG043948.D

Acq: 7 Jan 2020 9:58

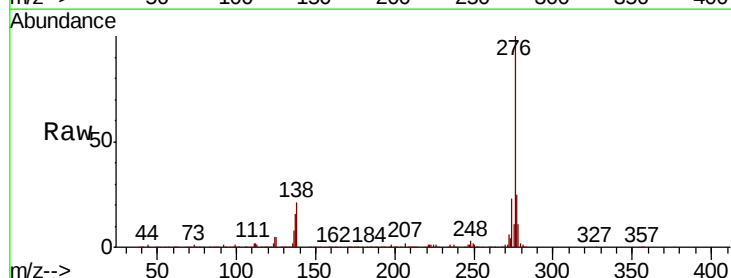
Tgt Ion:276 Resp: 2089727

Ion Ratio Lower Upper

276 100

138 17.4 21.0 31.4#

277 26.0 21.1 31.7



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

28.25

400000

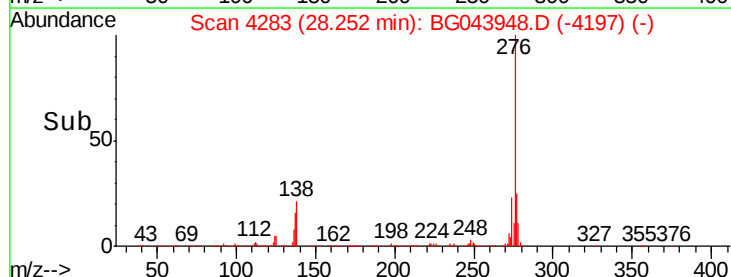
300000

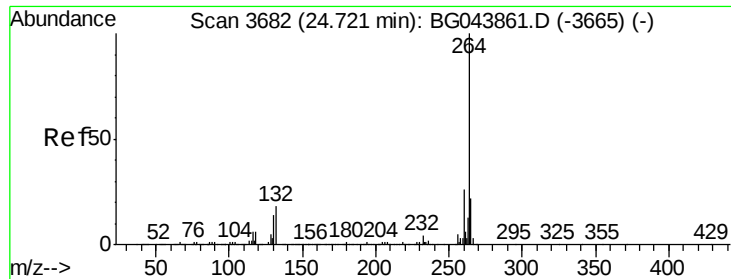
200000

100000

0

Time-->





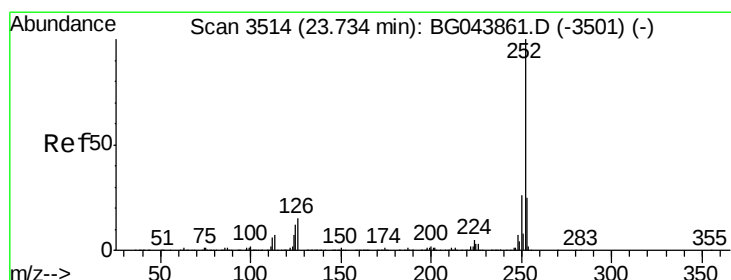
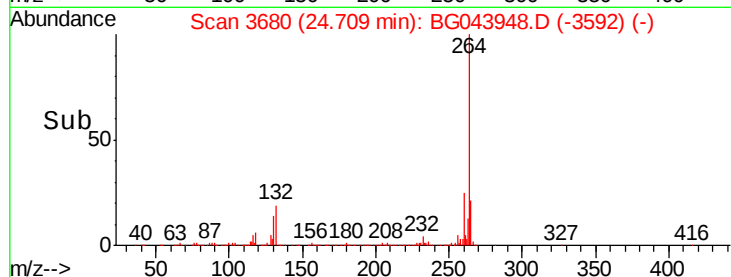
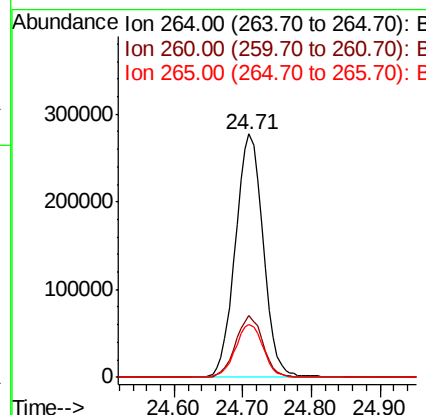
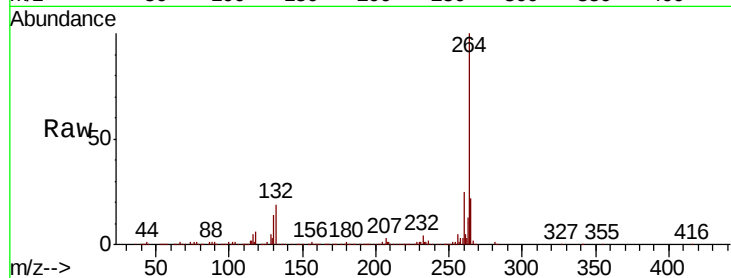
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 24.71 min Scan# 3680  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 20.4  | 30.6  |
| 265     | 21.6  | 17.4  | 26.2  |

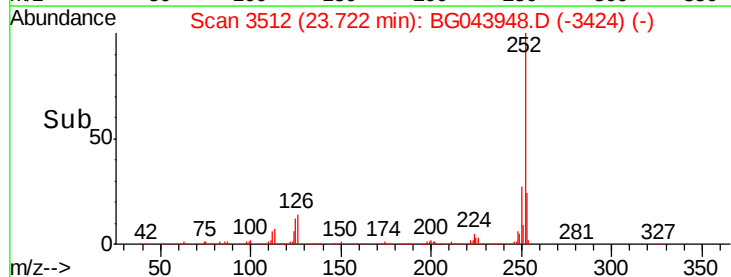
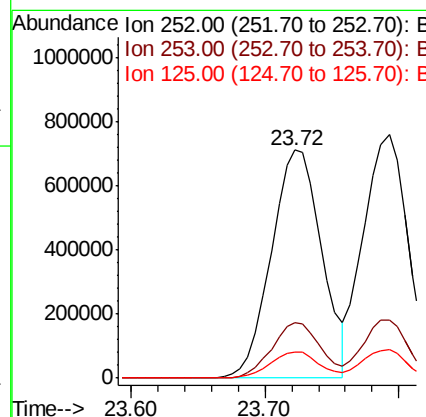
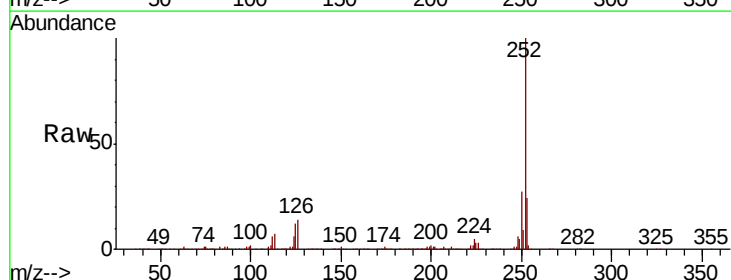
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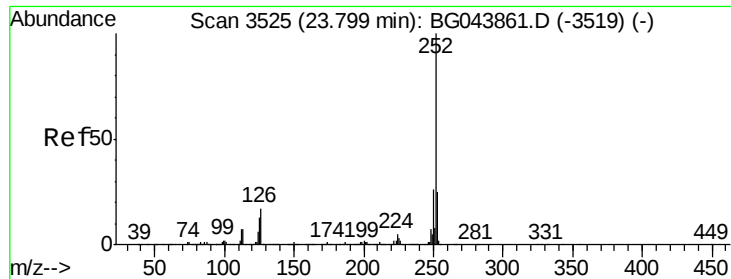
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#88  
Benzo(b)fluoranthene  
Concen: 40.343 ng  
RT: 23.72 min Scan# 3512  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.2  | 19.7  | 29.5  |
| 125     | 11.6  | 9.4   | 14.2  |





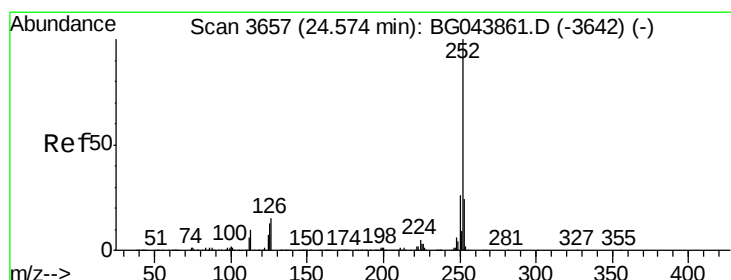
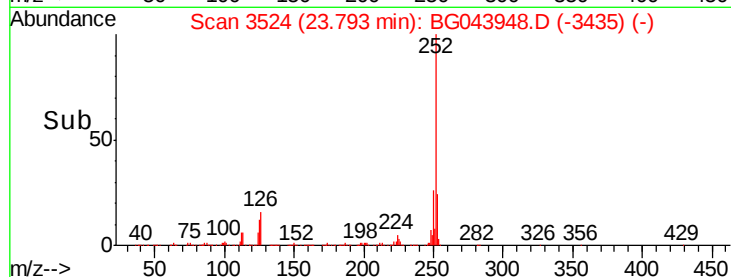
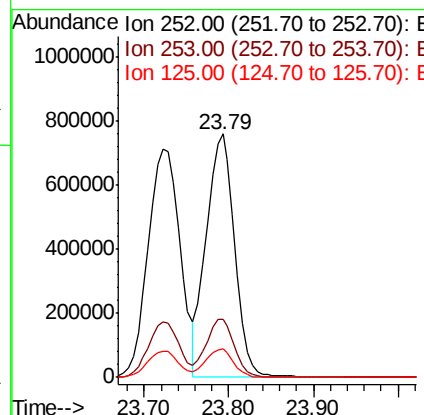
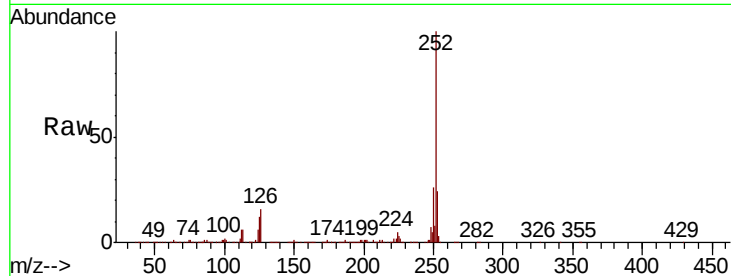
#89  
Benzo(k)fluoranthene  
Concen: 40.395 ng  
RT: 23.79 min Scan# 3524  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 1771292  
Ion Ratio Lower Upper  
252 100  
253 23.8 19.4 29.2  
125 11.8 9.9 14.9

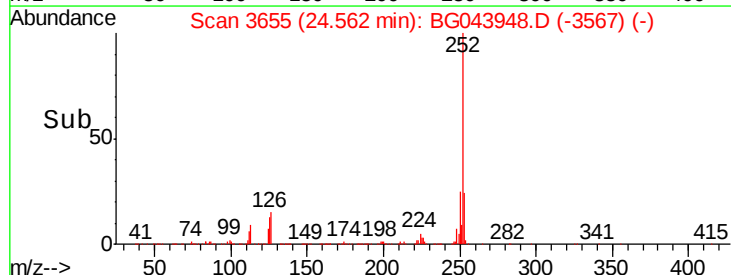
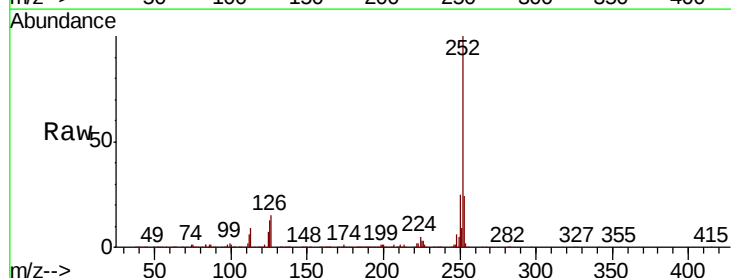
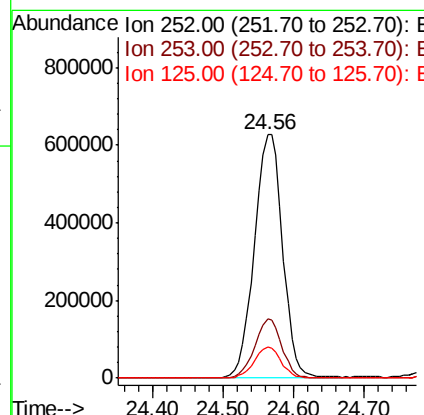
Manual Integrations  
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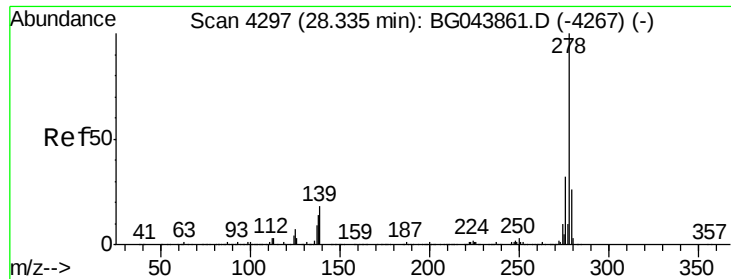
mohammad  
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#90  
Benzo(a)pyrene  
Concen: 40.368 ng  
RT: 24.56 min Scan# 3655  
Delta R.T. -0.01 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Tgt Ion:252 Resp: 1756867  
Ion Ratio Lower Upper  
252 100  
253 24.4 19.3 28.9  
125 12.7 10.4 15.6





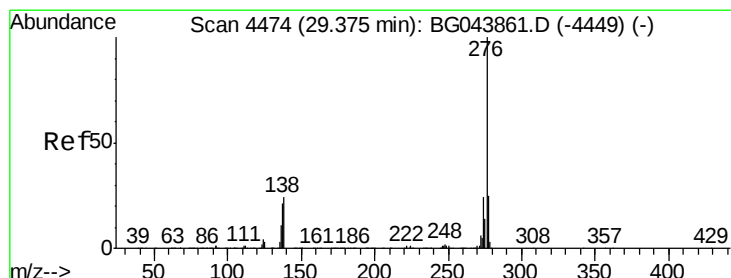
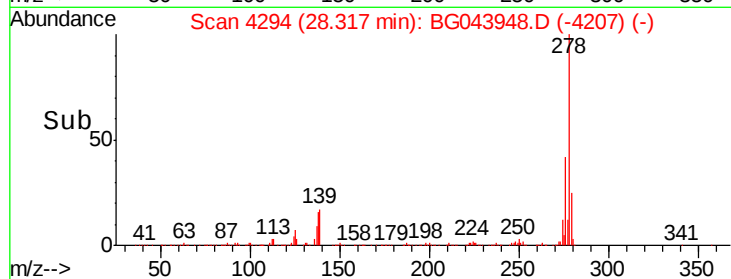
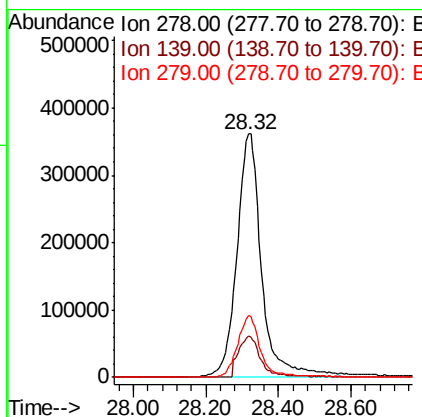
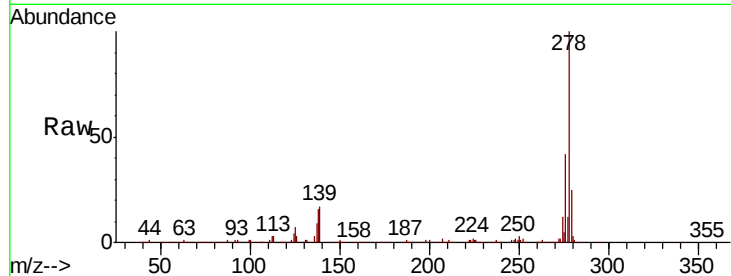
#91  
Dibenzo(a,h)anthracene  
Concen: 39.102 ng  
RT: 28.32 min Scan# 4294  
Delta R.T. -0.02 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.8  | 14.2  | 21.4  |
| 279     | 25.3  | 20.6  | 30.8  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 38.028 ng  
RT: 29.36 min Scan# 4471  
Delta R.T. -0.02 min  
Lab File: BG043948.D  
Acq: 7 Jan 2020 9:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.7  | 20.2  | 30.4  |
| 138     | 22.7  | 19.0  | 28.6  |

