

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\  
 Data File : BG041780.D  
 Acq On : 27 Jul 2019 17:02  
 Operator : HP/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

mohammad  
 7/29/2019 5:30:22 PM

Quant Time: Jul 29 12:48:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 29 05:48:08 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 84417    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 365878   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.71 | 164  | 272314   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.46 | 188  | 609035   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 589319   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 694474   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.59  | 112 | 685569  | 132.76 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 932938  | 134.32 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 883825  | 146.91 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 533593  | 173.87 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.33 | 172 | 2182911 | 124.13 | ng | 0.00 |
| 79) Terphenyl-d14        | 0.00  | 244 | 0d      | 0.00   | ng |      |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 154713  | 63.082 | ng | 93     |
| 3) Pyridine                    | 3.87  | 79  | 444014  | 67.822 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 181732  | 60.110 | ng | 94     |
| 6) Aniline                     | 7.36  | 93  | 658047  | 70.493 | ng | 97     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 400373  | 68.486 | ng | 95     |
| 9) Benzaldehyde                | 7.17  | 77  | 313742  | 78.130 | ng | 97     |
| 10) Phenol                     | 7.23  | 94  | 484160  | 66.162 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 393332  | 66.553 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 508892  | 72.954 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 507417  | 72.637 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 483047  | 73.342 | ng | 97     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 381333  | 68.962 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 697840  | 56.983 | ng | 96     |
| 17) 2-Methylphenol             | 8.48  | 107 | 357013  | 70.546 | ng | 99     |
| 18) Hexachloroethane           | 9.14  | 117 | 180428  | 70.517 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 343859  | 67.733 | ng | 91     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 497940  | 71.801 | ng | 99     |
| 22) Acetophenone               | 8.87  | 105 | 644236  | 72.295 | ng | 94     |
| 24) Nitrobenzene               | 9.26  | 77  | 460162  | 70.115 | ng | 97     |
| 25) Isophorone                 | 9.79  | 82  | 910788  | 69.136 | ng | 98     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 234367  | 82.549 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 372742  | 71.510 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 562194  | 69.240 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 467110  | 78.600 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 561921  | 80.530 | ng | 98     |
| 31) Naphthalene                | 10.92 | 128 | 1299767 | 72.158 | ng | 99     |
| 32) Benzoic acid               | 10.21 | 122 | 296101m | 80.883 | ng |        |
| 33) 4-Chloroaniline            | 11.02 | 127 | 633910  | 76.294 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 377171  | 84.099 | ng | 99     |
| 35) Caprolactam                | 11.82 | 113 | 169564  | 77.627 | ng | # 78   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 464346  | 74.584 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.53 | 142 | 1035306 | 75.230 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.75 | 142 | 981246  | 74.790 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 659330  | 70.685 | ng | 99     |

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Instrument :  
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 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

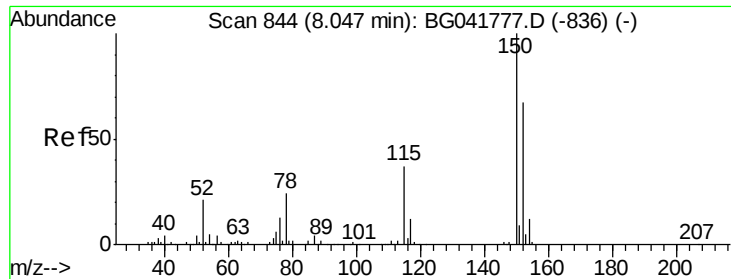
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Quant Time: Jul 29 12:48:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 29 05:48:08 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.88 | 237  | 406096   | 76.963 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 450686   | 74.361 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 469011   | 73.447 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 1303292  | 63.883 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 1132493  | 66.606 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 331102   | 66.883 | nq    | 93       |
| 49) Acenaphthylene             | 14.43 | 152  | 1669492  | 62.897 | nq    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 1427374  | 66.739 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 335957   | 74.057 | nq    | 92       |
| 52) Acenaphthene               | 14.77 | 154  | 1124538  | 67.229 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.60 | 138  | 355788   | 71.845 | nq    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 187064   | 95.405 | nq    | 92       |
| 55) Dibenzofuran               | 15.11 | 168  | 1641819  | 65.410 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 276669   | 69.006 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 472889   | 78.858 | nq    | 95       |
| 58) Fluorene                   | 15.76 | 166  | 1336138  | 65.421 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 469897   | 79.708 | nq    | 94       |
| 60) Diethylphthalate           | 15.52 | 149  | 1423211  | 66.055 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.75 | 204  | 825498   | 71.503 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.77 | 138  | 374600   | 71.324 | nq    | 98       |
| 63) Azobenzene                 | 16.04 | 77   | 1139825  | 58.515 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 259673   | 96.800 | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 1252581  | 70.035 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 587370   | 81.053 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.76 | 284  | 613749   | 84.106 | nq    | 96       |
| 69) Atrazine                   | 16.91 | 200  | 510872   | 78.711 | nq    | 98       |
| 70) Pentachlorophenol          | 17.10 | 266  | 392240   | 85.965 | nq    | 98       |
| 71) Phenanthrene               | 17.50 | 178  | 2114955  | 68.956 | nq    | 98       |
| 72) Anthracene                 | 17.59 | 178  | 2114126  | 69.150 | nq    | 98       |
| 73) Carbazole                  | 17.86 | 167  | 1914050  | 67.505 | nq    | 98       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 2181723  | 63.087 | nq    | 99       |
| 75) Fluoranthene               | 19.51 | 202  | 2477633  | 65.787 | nq    | 98       |
| 77) Benzidine                  | 19.68 | 184  | 1419065  | 71.486 | nq    | 96       |
| 78) Pyrene                     | 19.87 | 202  | 2480171  | 62.226 | nq    | 97       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 1081448  | 65.295 | nq    | 92       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 2512242  | 65.979 | nq    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 1084694  | 72.393 | nq    | 99       |
| 83) Chrysene                   | 21.79 | 228  | 2409313  | 66.220 | nq    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 1448016  | 61.921 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.88 | 149  | 2462611  | 61.837 | nq    | # 93     |
| 86) Indeno(1,2,3-cd)pyrene     | 28.78 | 276  | 3533484  | 73.604 | nq    | # 90     |
| 88) Benzo(b)fluoranthene       | 23.98 | 252  | 2920344  | 69.326 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.05 | 252  | 2721180  | 69.714 | nq    | 97       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 2781965  | 69.800 | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.85 | 278  | 2799102  | 72.433 | nq    | # 97     |
| 92) Benzo(g,h,i)perylene       | 29.95 | 276  | 2825683  | 72.966 | nq    | 95       |

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





#1

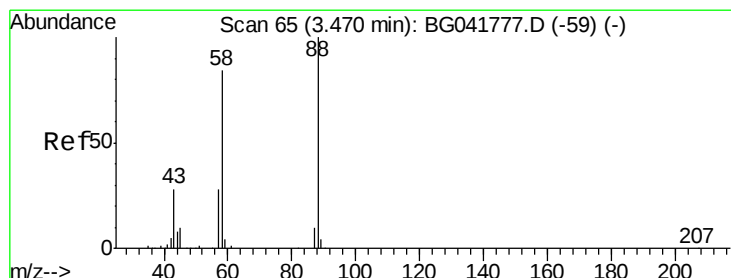
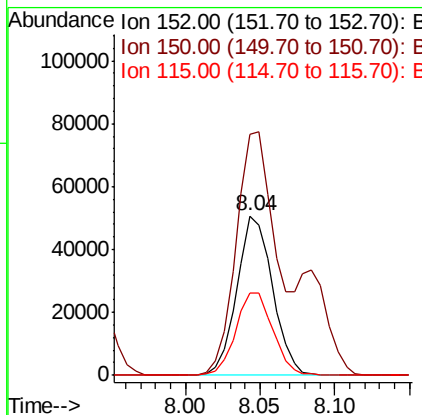
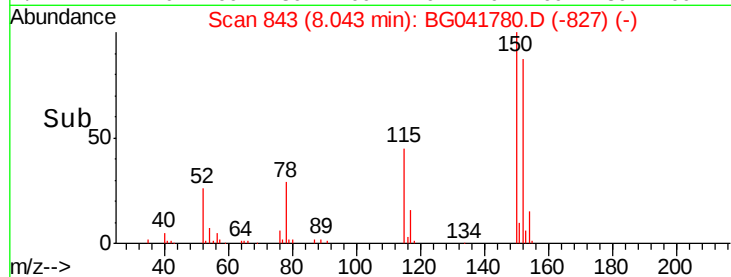
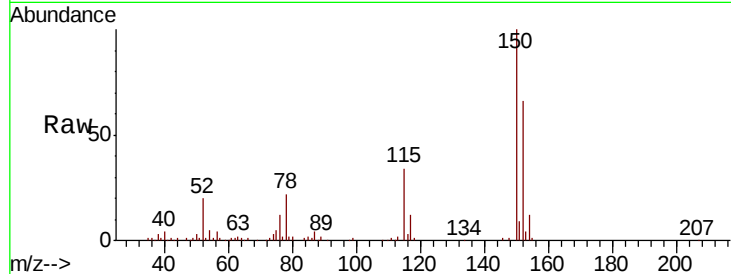
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.8 | 126.9 | 190.3 |
| 115     | 51.9  | 45.0  | 67.6  |

Manual Integrations  
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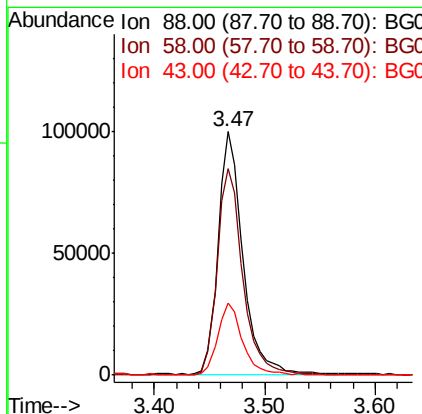
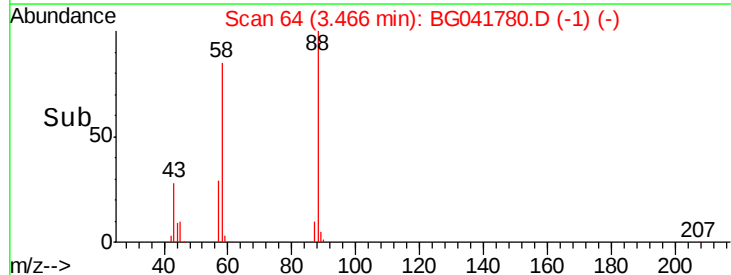
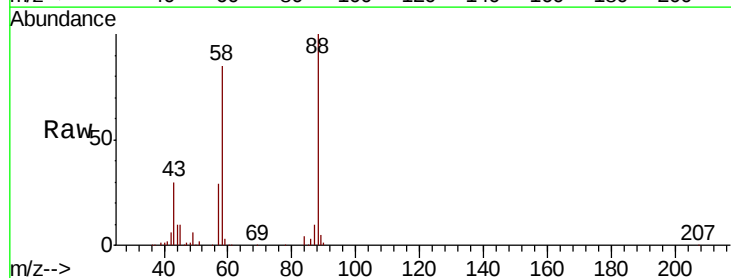
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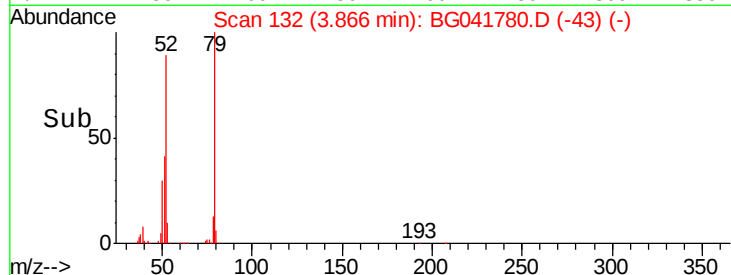
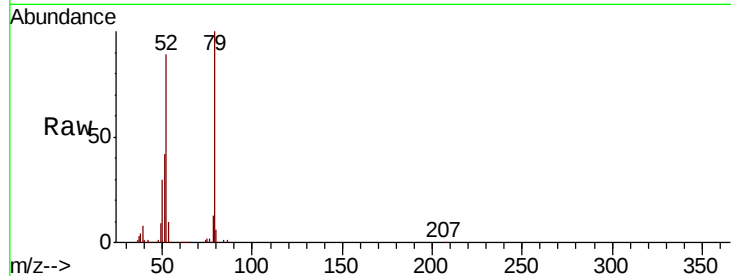
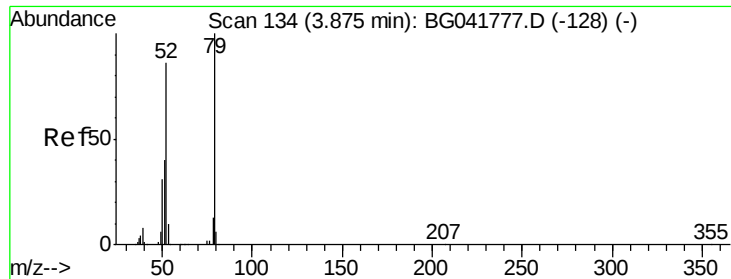


#2

1,4-Dioxane  
Concen: 63.082 ng  
RT: 3.47 min Scan# 64  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 88.2  | 76.2  | 114.2 |
| 43      | 30.4  | 27.2  | 40.8  |





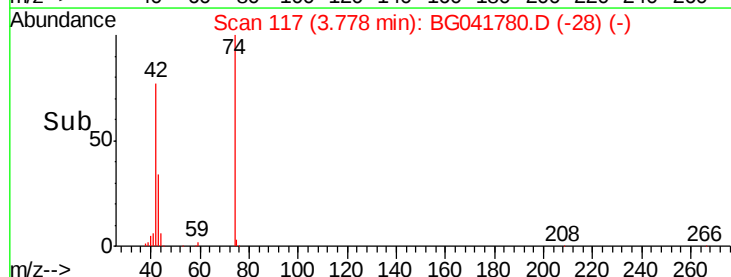
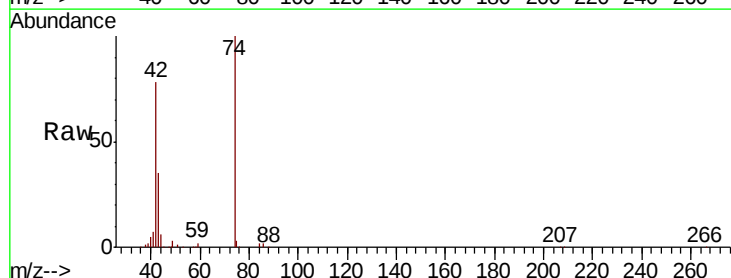
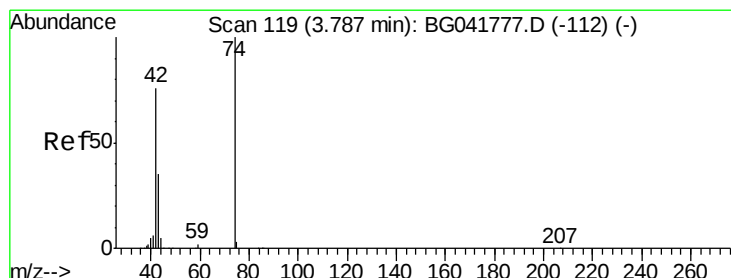
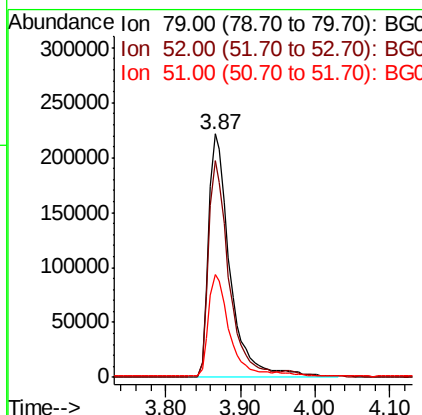
#3  
 Pvridine  
 Concen: 67.822 ng  
 RT: 3.87 min Scan# 132  
 Delta R.T. -0.01 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 89.0  | 77.1  | 115.7 |
| 51      | 42.1  | 37.8  | 56.8  |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

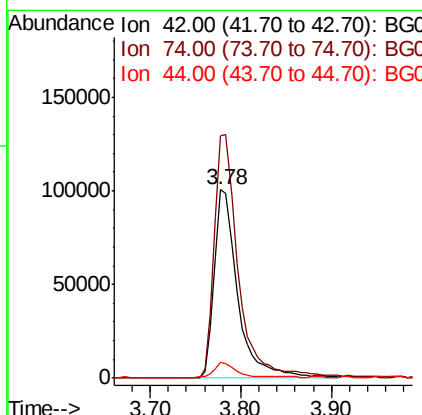
Manual Integrations  
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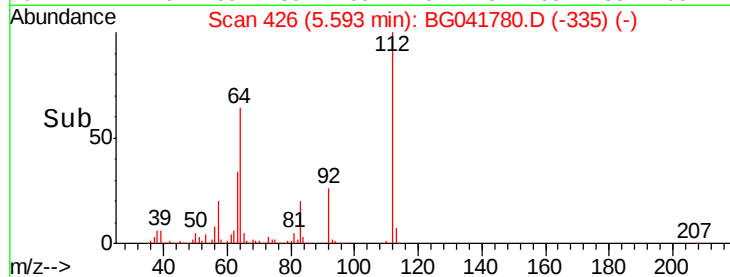
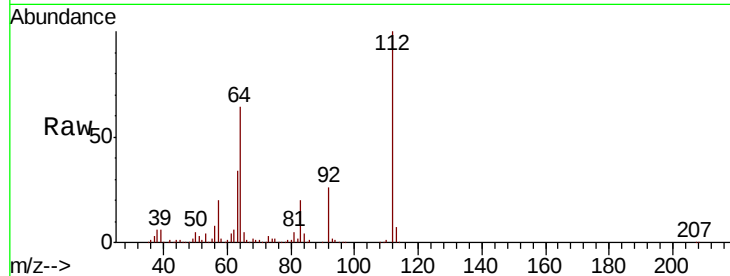
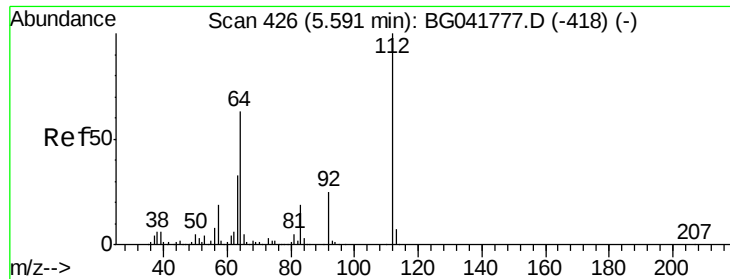
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 7/29/2019 5:30:22 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 60.110 ng  
 RT: 3.78 min Scan# 117  
 Delta R.T. -0.01 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 129.0 | 97.4  | 146.2 |
| 44      | 8.1   | 6.6   | 9.8   |





#5

2-Fluorophenol

Concen: 132.761 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

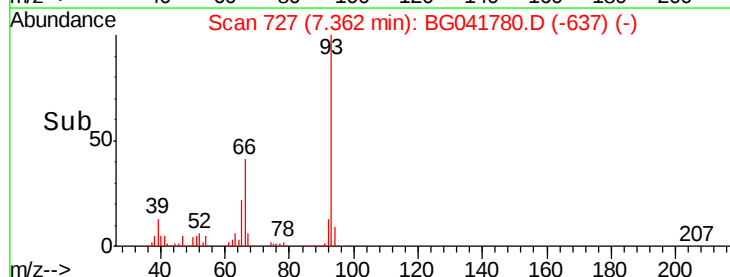
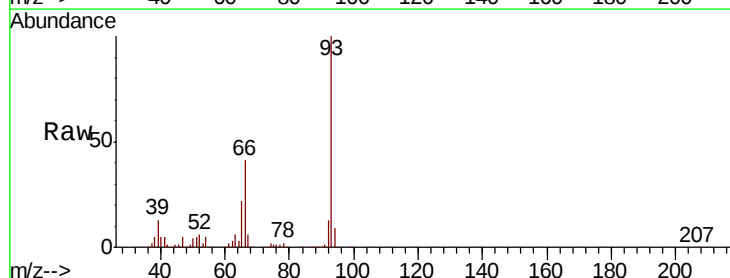
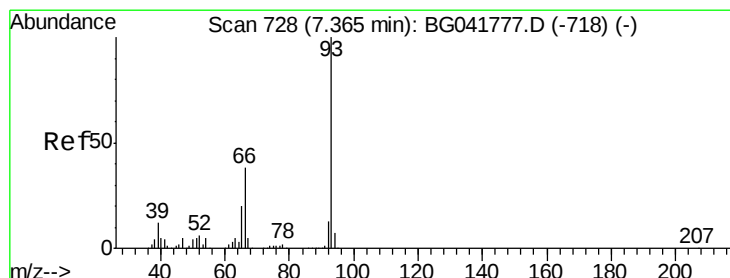
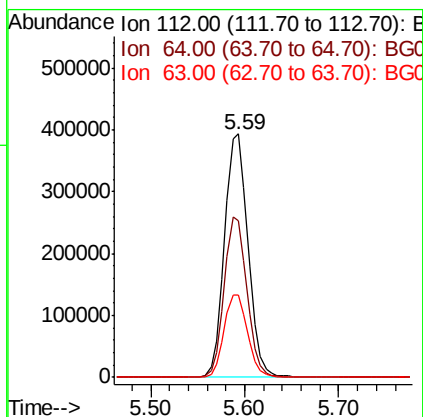
ClientSampleId :

SSTDIC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 685569 |       |       |
| 64      | 64.3 | 55.4  | 83.2   |       |       |
| 63      | 33.6 | 29.1  | 43.7   |       |       |

Manual Integrations  
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#6

Aniline

Concen: 70.493 ng

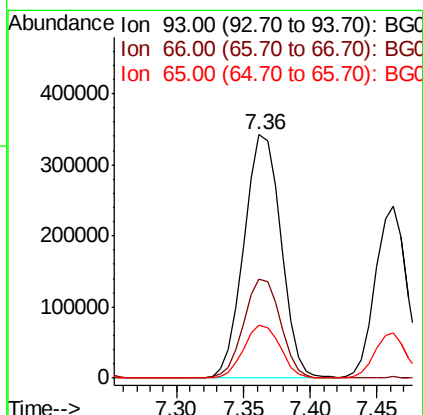
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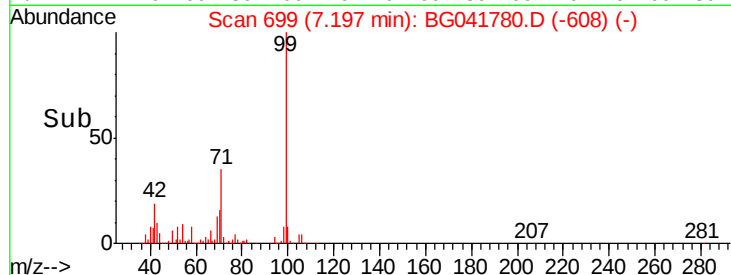
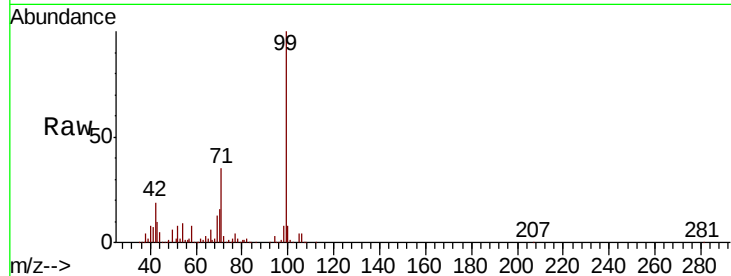
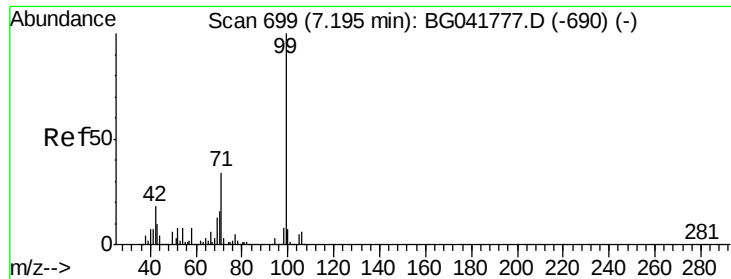
Delta R.T. -0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 658047 |       |       |
| 66      | 40.7 | 34.2  | 51.2   |       |       |
| 65      | 21.6 | 18.2  | 27.2   |       |       |





#7

Phenol-d6

Concen: 134.319 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 932938 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.6  | 17.6  | 26.4   |
| 71        | 35.3  | 27.8  | 41.6   |

Instrument :

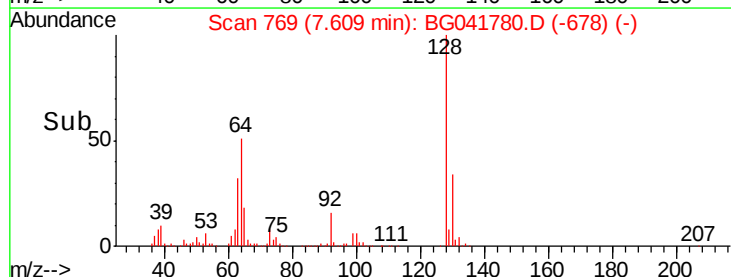
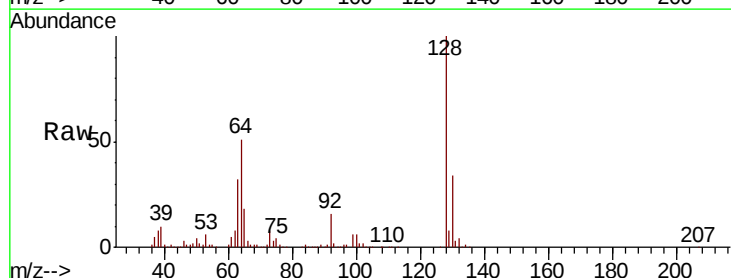
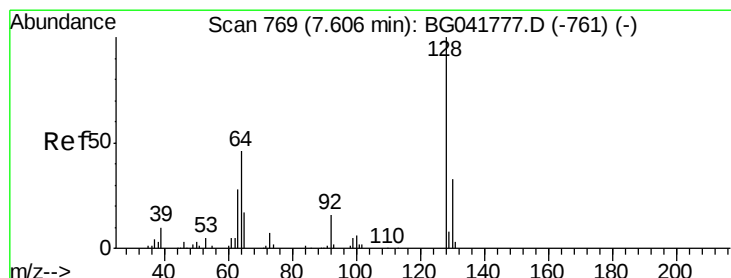
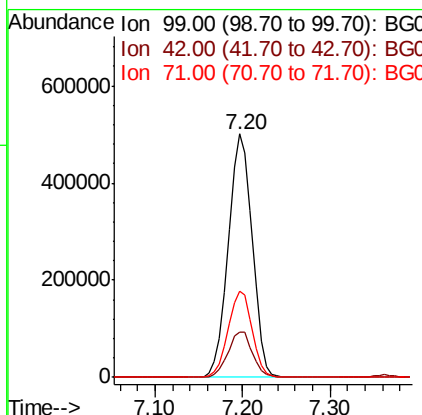
BNA\_G

ClientSampleId :

SSTDIC080

Manual Integrations  
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#8

2-Chlorophenol

Concen: 68.486 ng

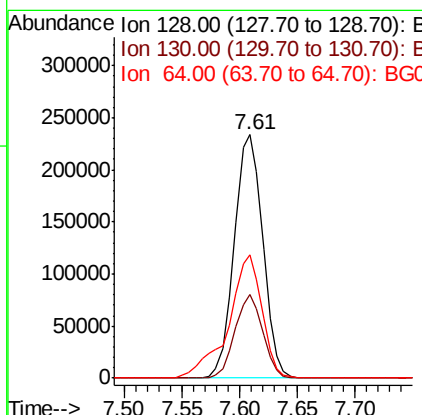
RT: 7.61 min Scan# 769

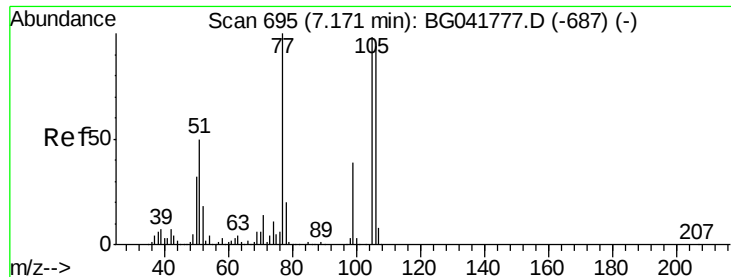
Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 400373 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.2  | 12.4  | 52.4   |
| 64        | 50.6  | 34.9  | 74.9   |





#9

Benzaldehyde

Concen: 78.130 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

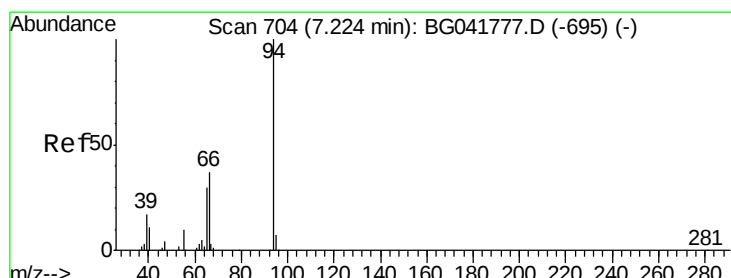
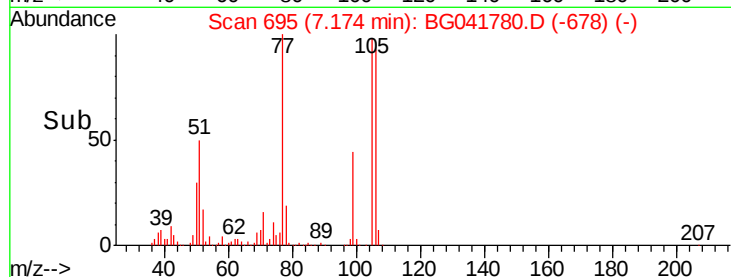
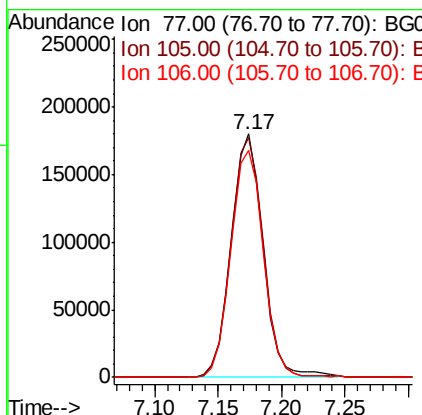
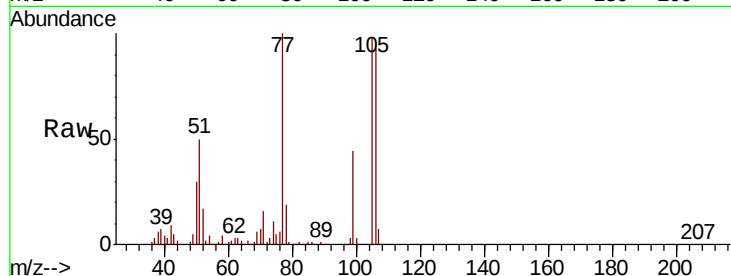
ClientSampleId :

SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 313742 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 98.4  | 74.6  | 114.6  |
| 106      | 93.5  | 71.1  | 111.1  |

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#10

Phenol

Concen: 66.162 ng

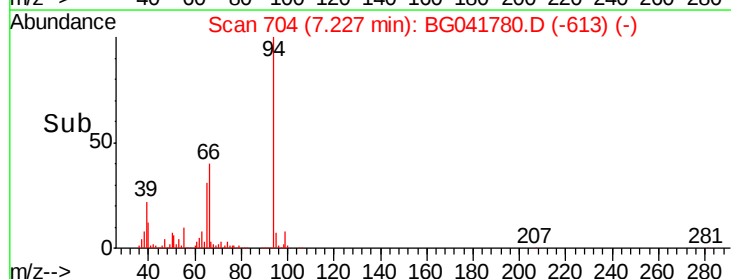
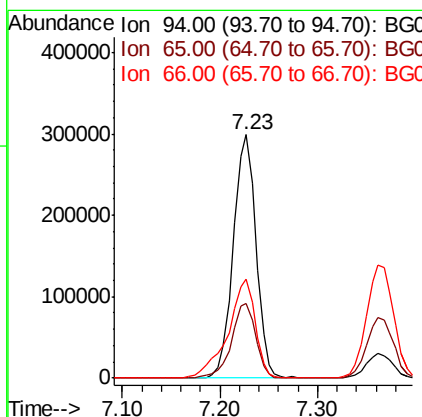
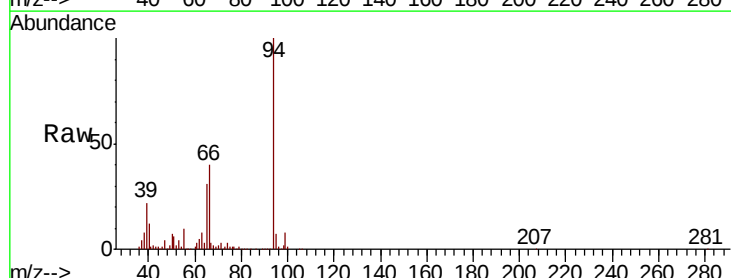
RT: 7.23 min Scan# 704

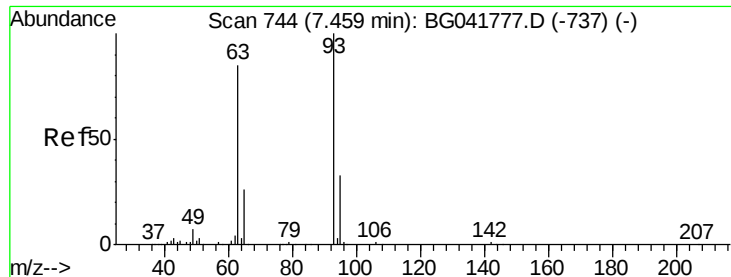
Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 484160 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.8  | 10.6  | 50.6   |
| 66       | 40.4  | 18.2  | 58.2   |





#11

bis(2-Chloroethyl)ether

Concen: 66.553 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

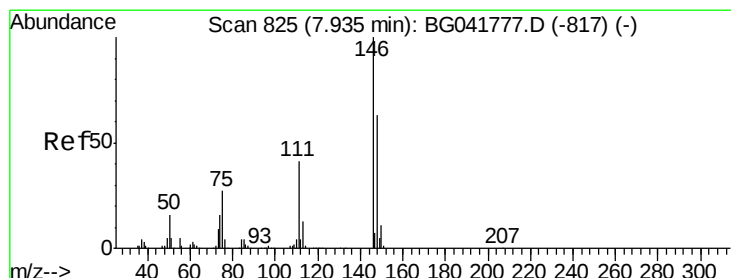
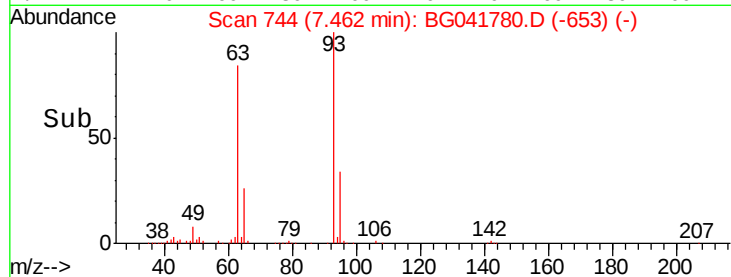
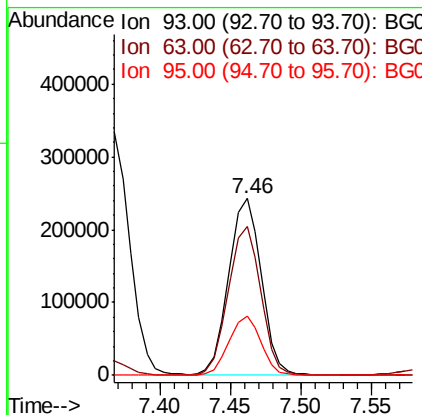
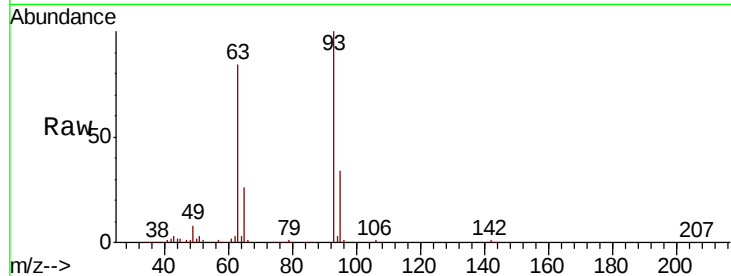
ClientSampleId :

SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 393332 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 84.3  | 70.4  | 110.4  |
| 95       | 33.8  | 12.8  | 52.8   |

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#12

1,3-Dichlorobenzene

Concen: 72.954 ng

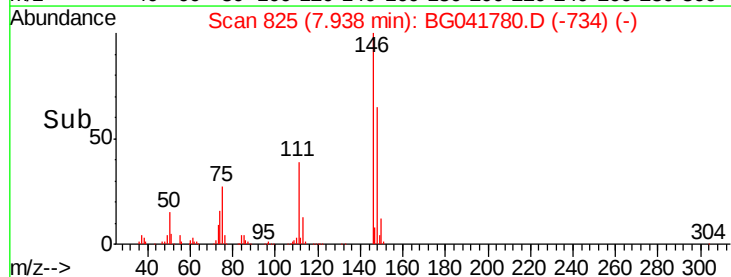
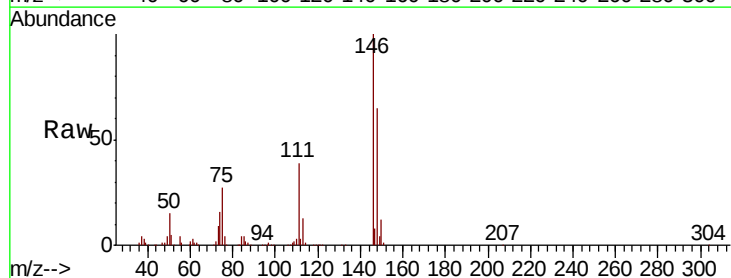
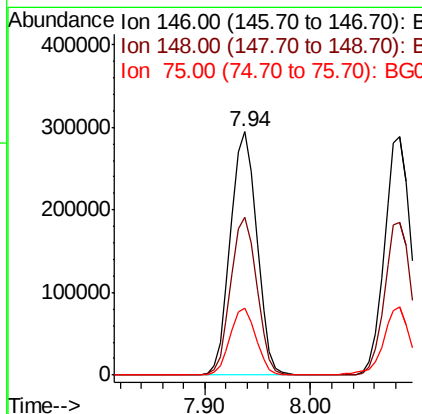
RT: 7.94 min Scan# 825

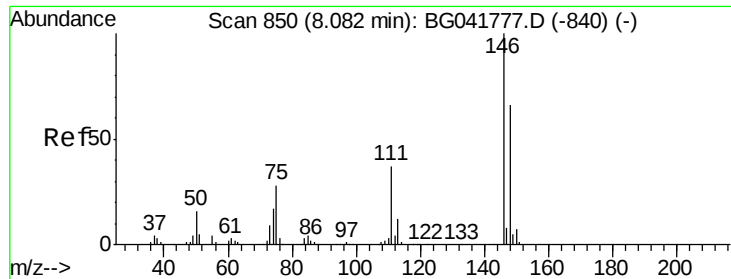
Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 508892 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.6  | 51.5  | 77.3   |
| 75       | 27.4  | 23.2  | 34.8   |





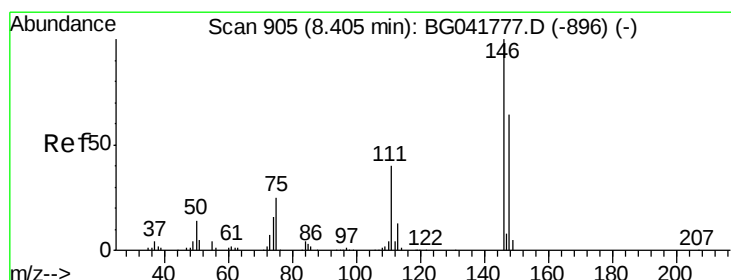
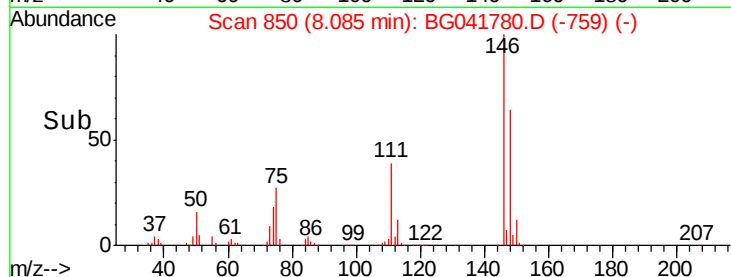
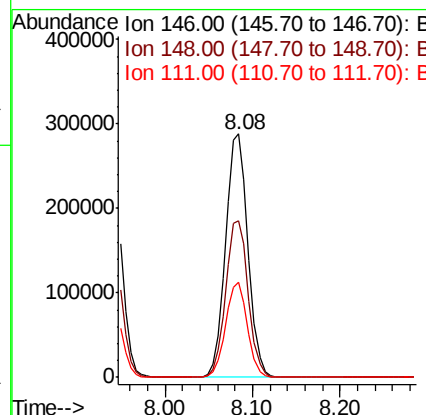
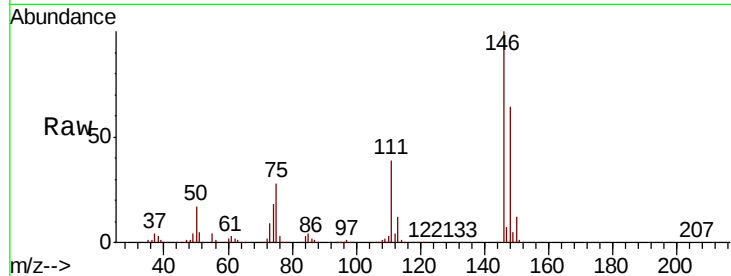
#13  
1,4-Dichlorobenzene  
Concen: 72.637 ng  
RT: 8.08 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 52.6  | 79.0  |
| 111     | 38.9  | 32.5  | 48.7  |

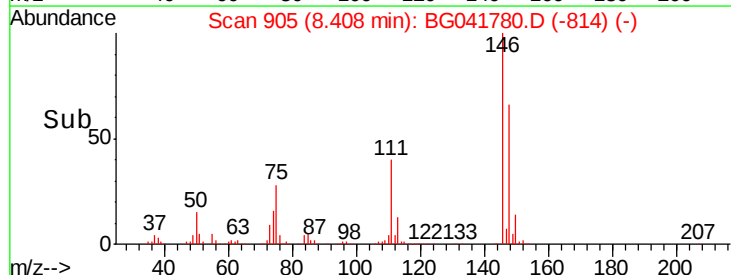
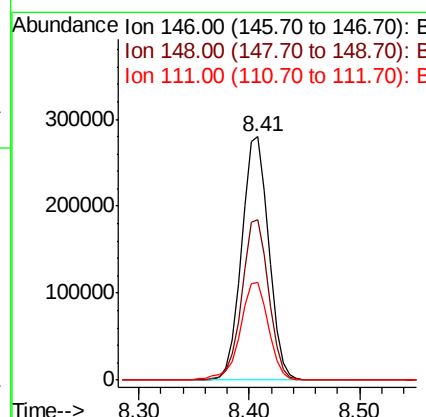
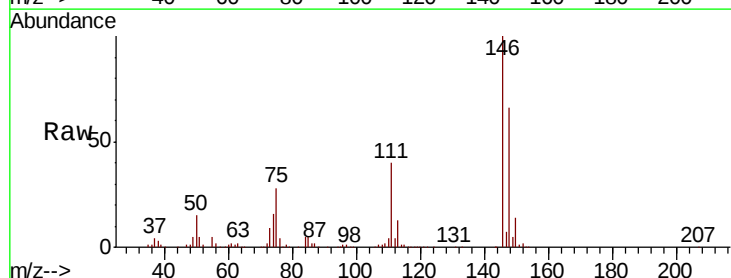
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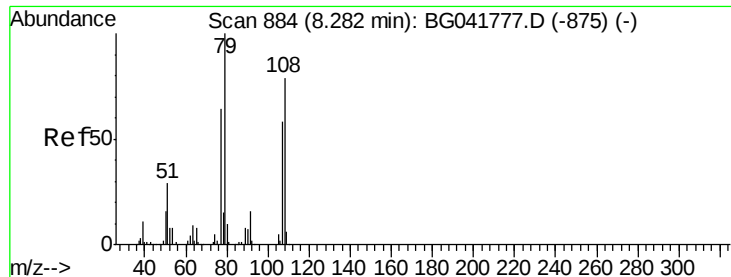
mohammad  
7/29/2019 5:30:22 PM



#14  
1,2-Dichlorobenzene  
Concen: 73.342 ng  
RT: 8.41 min Scan# 905  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.6  | 53.5  | 80.3  |
| 111     | 40.3  | 35.4  | 53.0  |





#15

Benzyl Alcohol

Concen: 68.962 ng

RT: 8.28 min Scan# 884

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

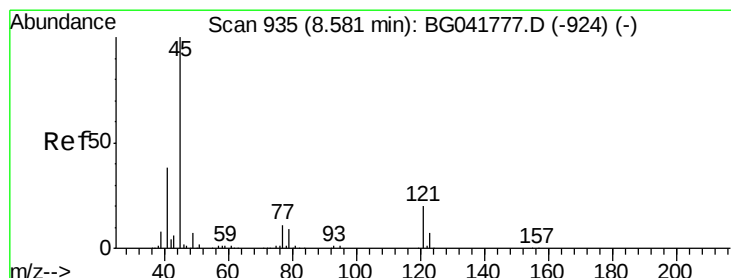
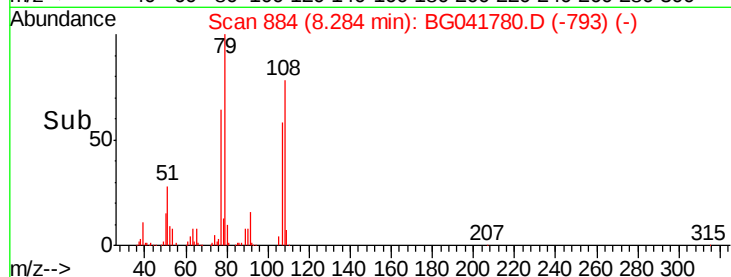
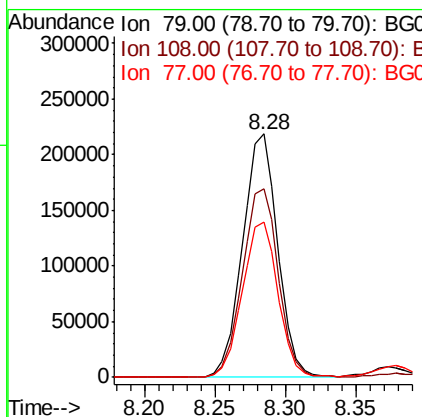
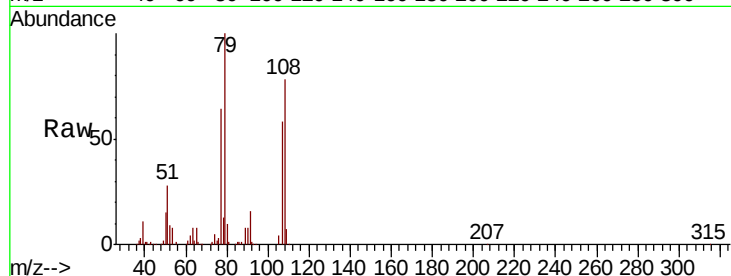
ClientSampleId :

SSTDIC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 381333 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 77.6  | 60.5  | 90.7   |
| 77       | 64.0  | 50.6  | 75.8   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.983 ng

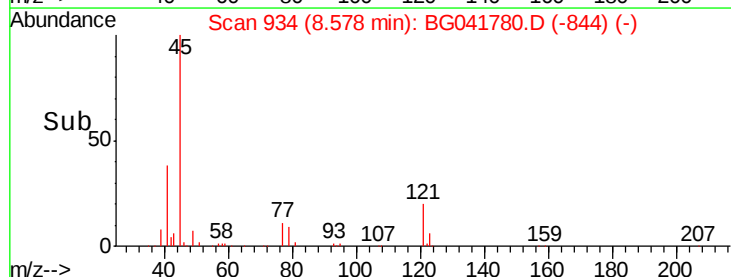
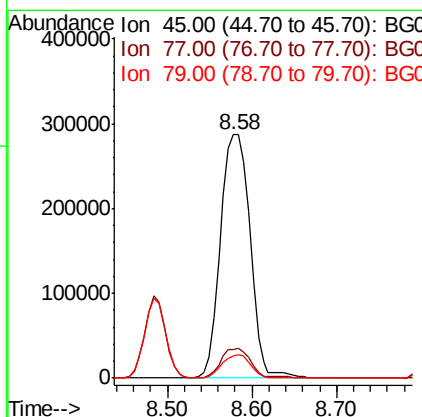
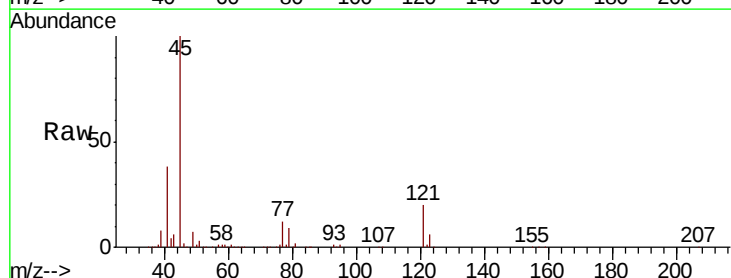
RT: 8.58 min Scan# 934

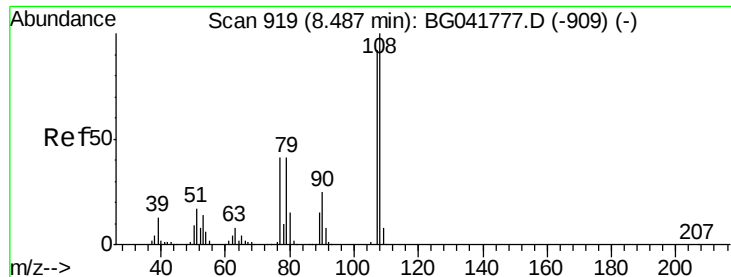
Delta R.T. -0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 697840 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 12.0  | 0.0   | 30.4   |
| 79       | 9.2   | 0.0   | 27.9   |





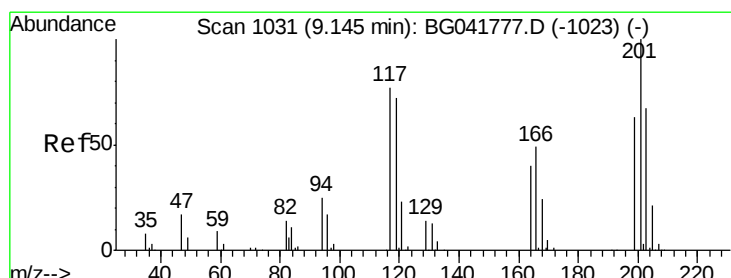
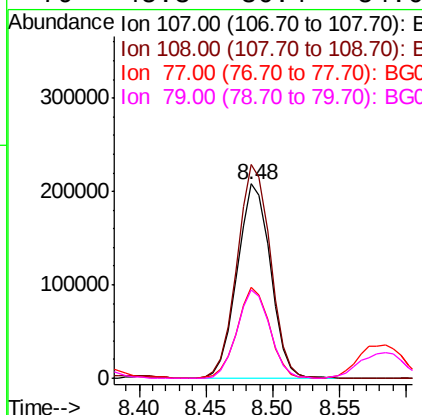
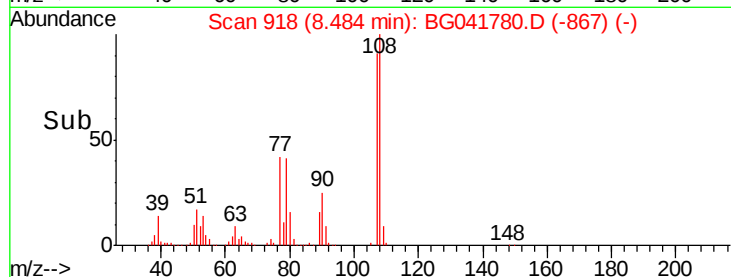
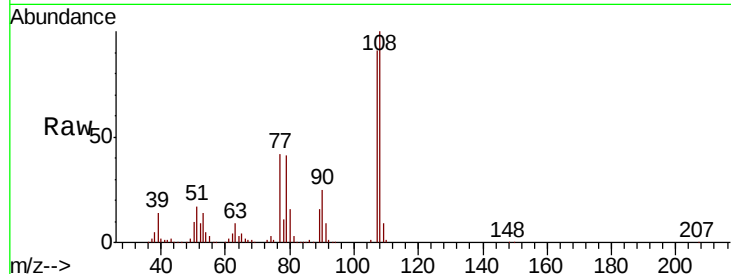
#17  
2-Methylphenol  
Concen: 70.546 ng  
RT: 8.48 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.0 | 87.6 | 131.4 |       |
| 77      | 46.6  | 36.1 | 54.1  |       |
| 79      | 45.3  | 36.4 | 54.6  |       |

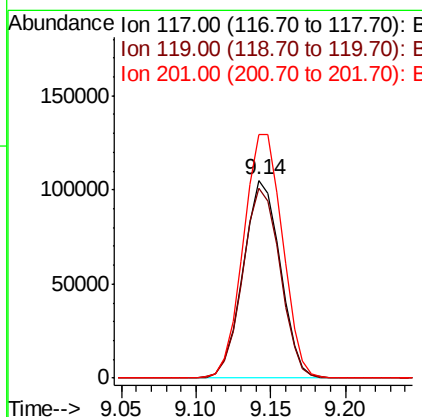
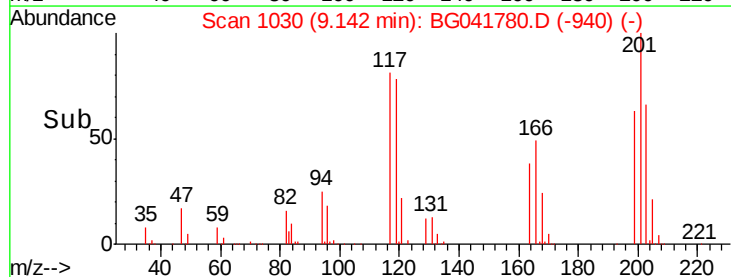
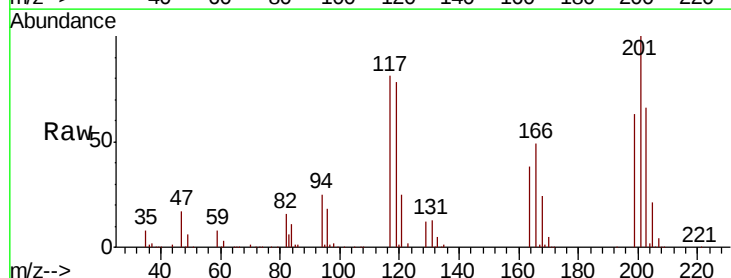
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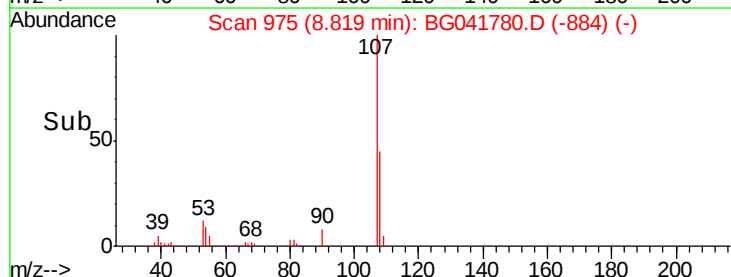
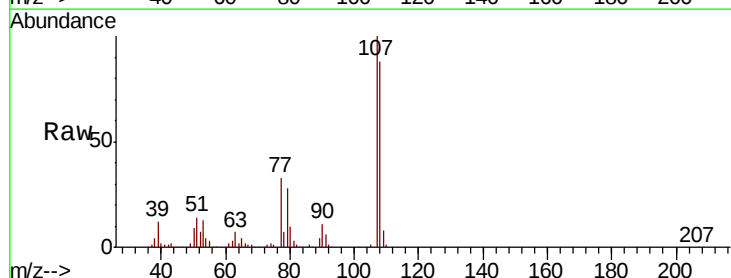
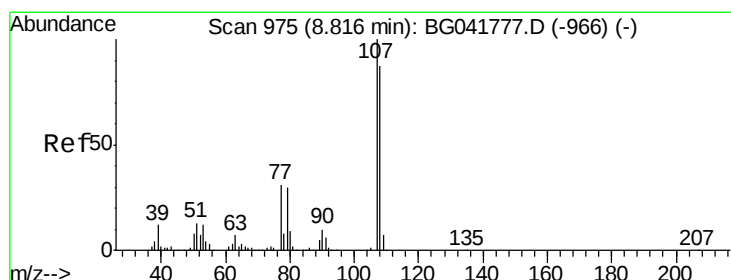
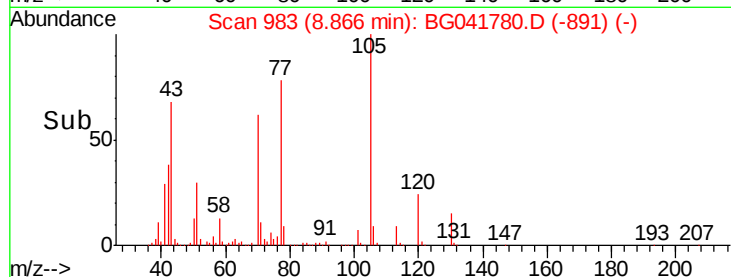
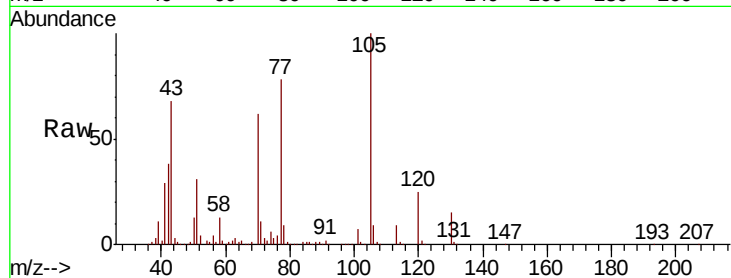
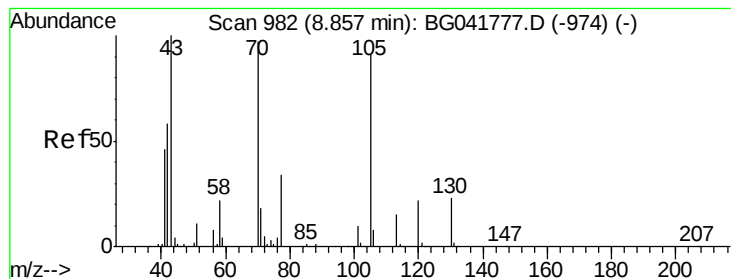
mohammad  
7/29/2019 5:30:22 PM



#18  
Hexachloroethane  
Concen: 70.517 ng  
RT: 9.14 min Scan# 1030  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.1  | 76.2 | 114.2 |       |
| 201     | 123.2 | 94.1 | 141.1 |       |





#19

n-Nitroso-di-n-propylamine

Concen: 67.733 ng

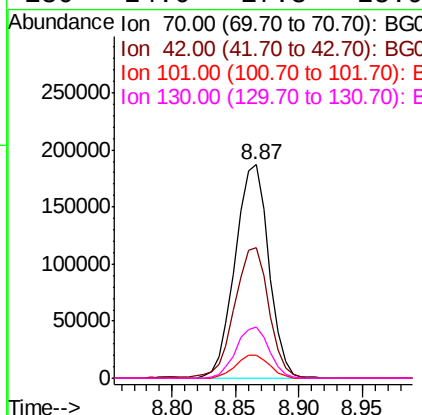
RT: 8.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 61.0 | 55.8  | 83.6  |       |
| 101     | 11.1 | 8.1   | 12.1  |       |
| 130     | 24.0 | 17.3  | 25.9  |       |



Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

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#20

3+4-Methylphenols

Concen: 71.801 ng

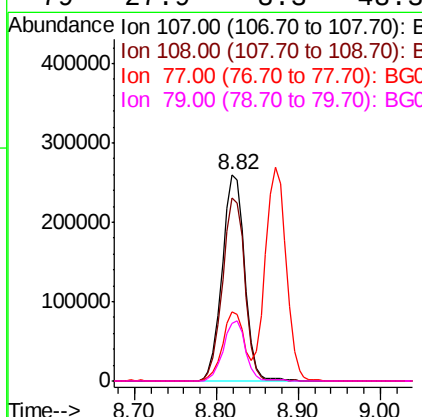
RT: 8.82 min Scan# 975

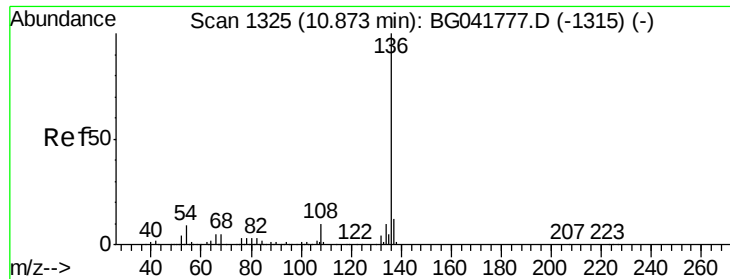
Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.4 | 67.5  | 107.5 |       |
| 77      | 33.2 | 12.3  | 52.3  |       |
| 79      | 27.9 | 8.3   | 48.3  |       |





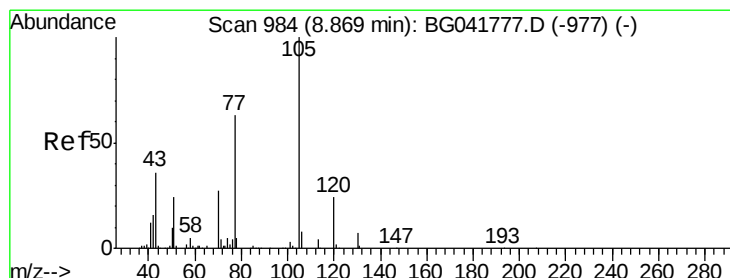
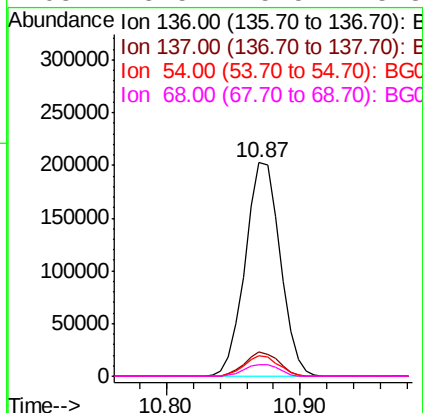
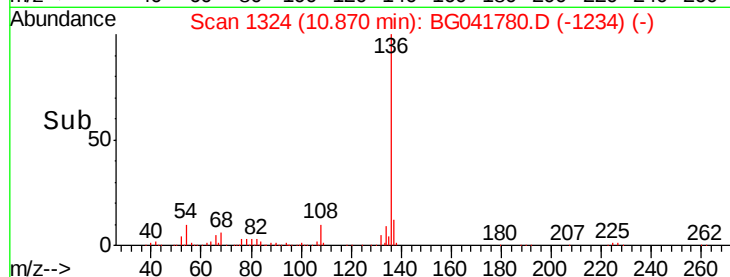
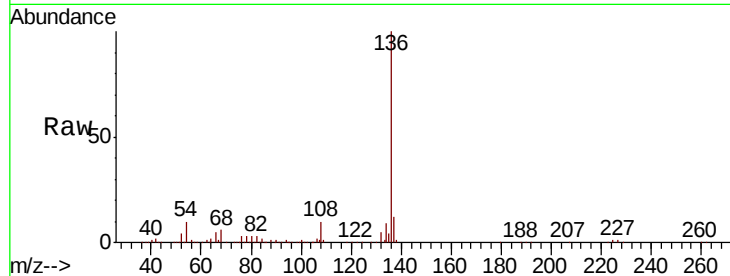
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.7  | 9.2  | 13.8  |       |
| 54      | 9.8   | 8.7  | 13.1  |       |
| 68      | 5.5   | 5.5  | 8.3#  |       |

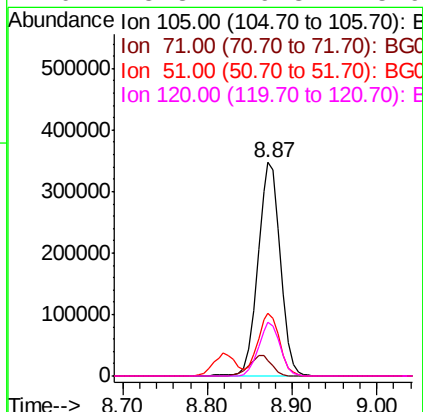
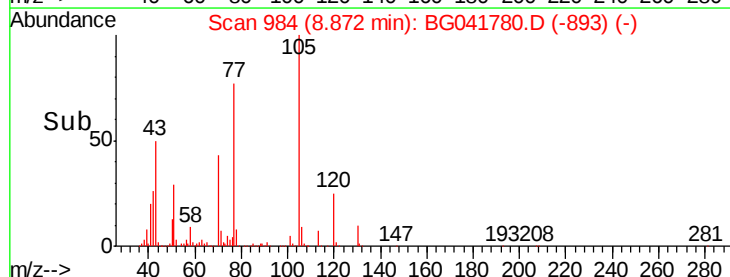
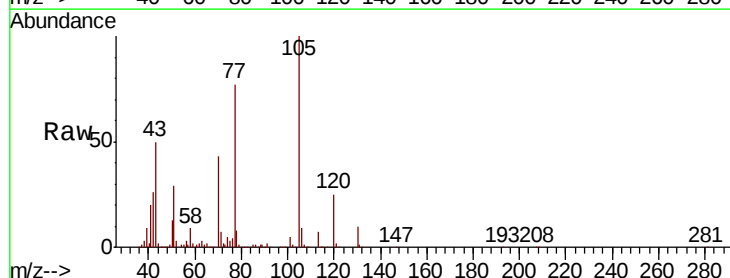
Manual Integrations  
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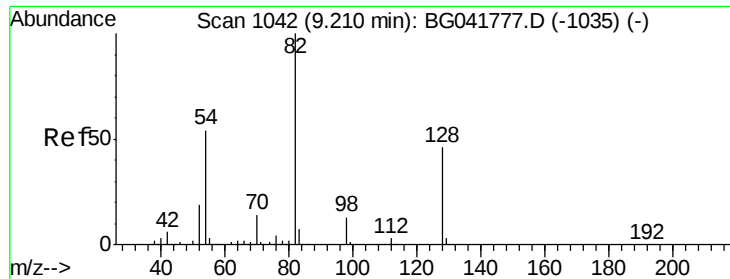
mohammad  
7/29/2019 5:30:22 PM



#22  
Acetophenone  
Concen: 72.295 ng  
RT: 8.87 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 7.2   | 5.9  | 8.9   |       |
| 51      | 29.4  | 27.7 | 41.5  |       |
| 120     | 25.3  | 19.3 | 28.9  |       |





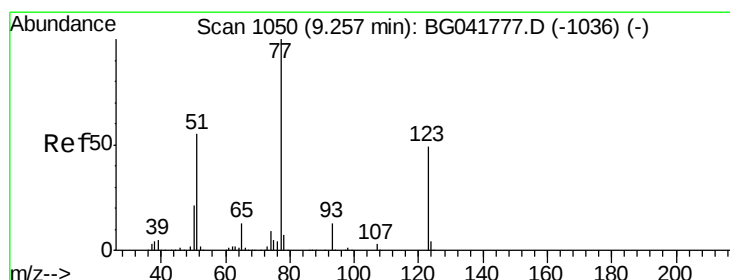
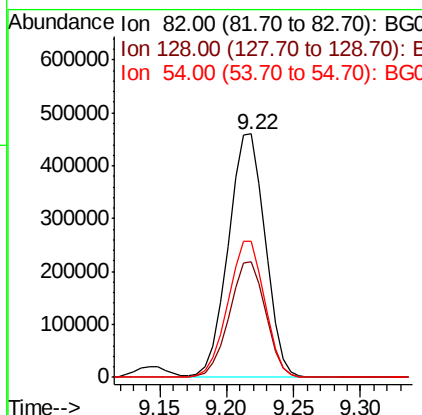
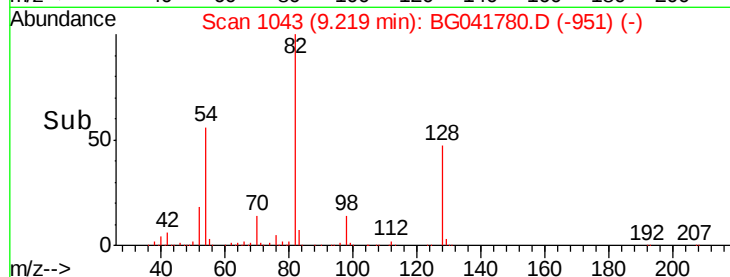
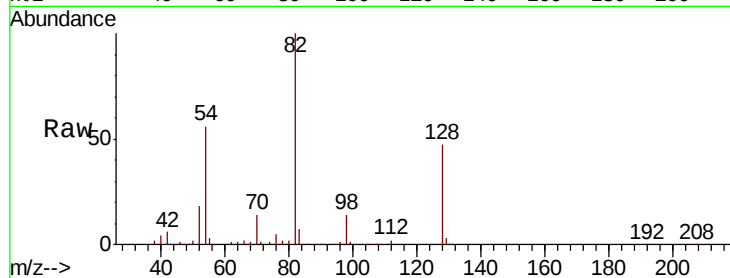
#23  
 Nitrobenzene-d5  
 Concen: 146.906 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. 0.01 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 47.4  | 35.1  | 52.7  |
| 54      | 56.1  | 48.7  | 73.1  |

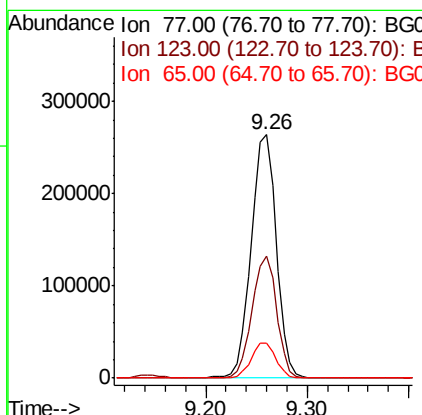
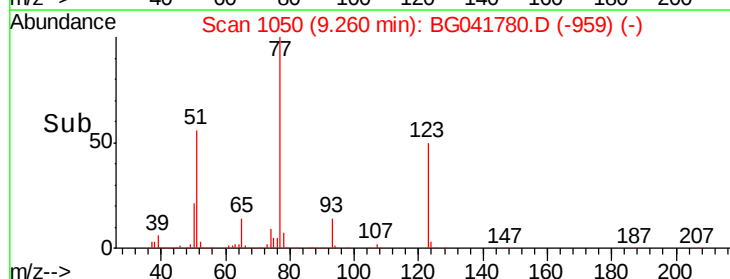
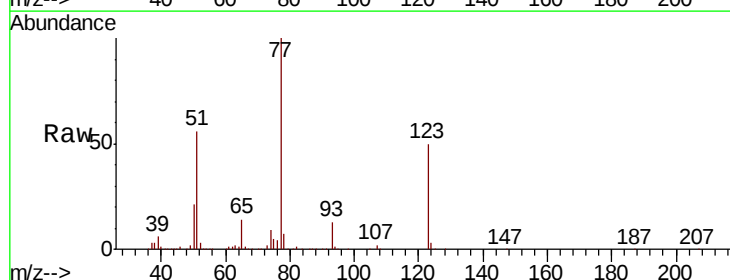
Manual Integrations  
 APPROVED

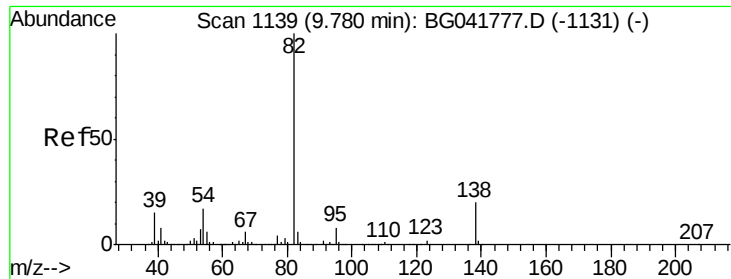
mohammad  
 7/29/2019 5:30:22 PM



#24  
 Nitrobenzene  
 Concen: 70.115 ng  
 RT: 9.26 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.2  | 38.1  | 57.1  |
| 65      | 14.3  | 11.0  | 16.6  |





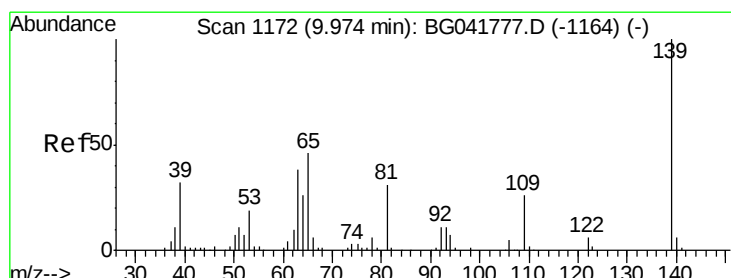
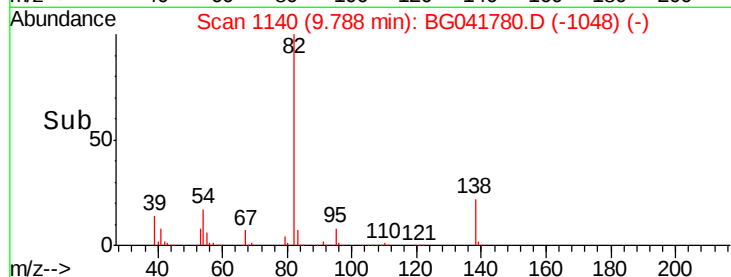
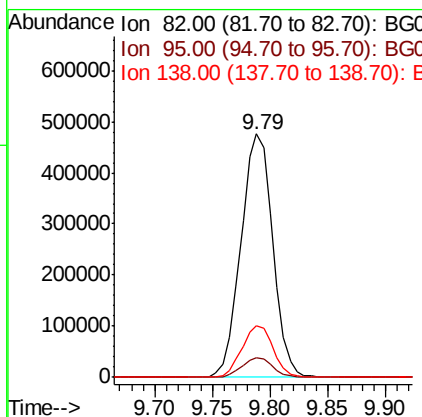
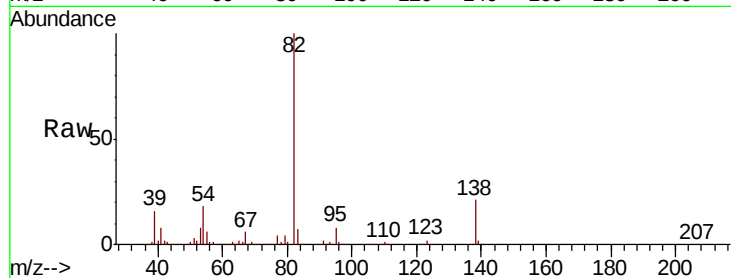
#25  
Isophorone  
Concen: 69.136 ng  
RT: 9.79 min Scan# 1140  
Delta R.T. 0.01 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 8.3   | 5.9  | 8.9   |       |
| 138     | 21.4  | 16.3 | 24.5  |       |

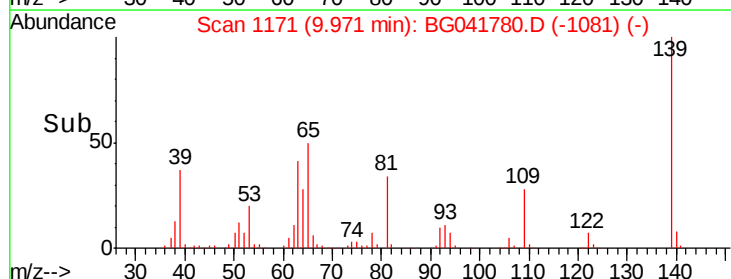
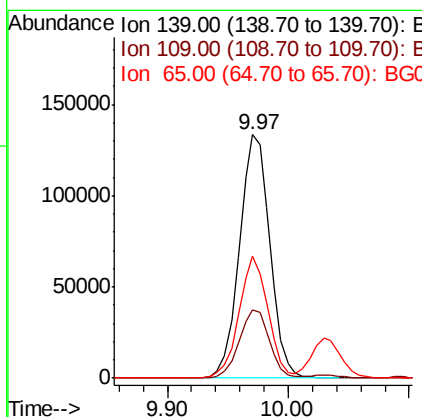
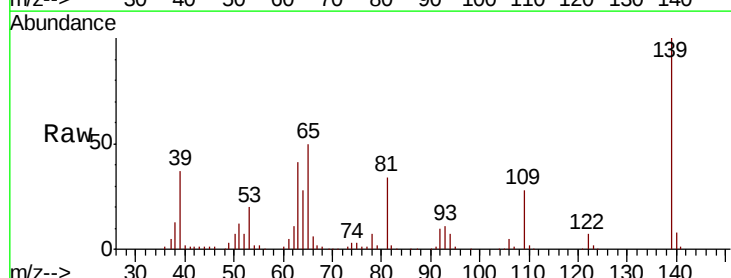
Manual Integrations  
APPROVED

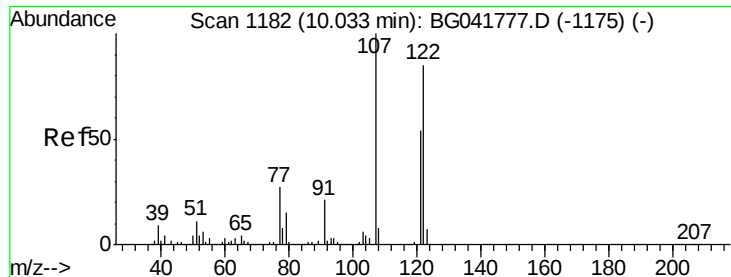
mohammad  
7/29/2019 5:30:22 PM



#26  
2-Nitrophenol  
Concen: 82.549 ng  
RT: 9.97 min Scan# 1171  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 28.2  | 22.7 | 34.1  |       |
| 65      | 50.2  | 41.1 | 61.7  |       |





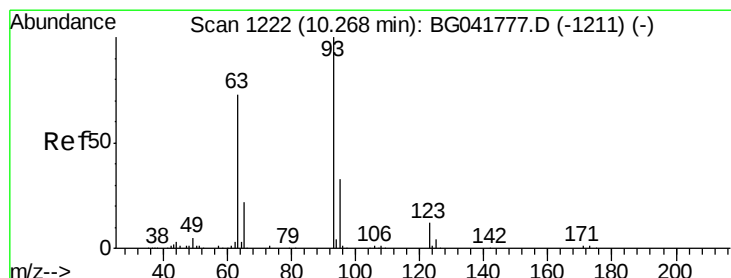
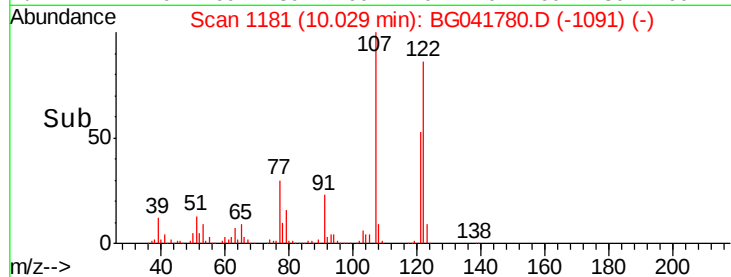
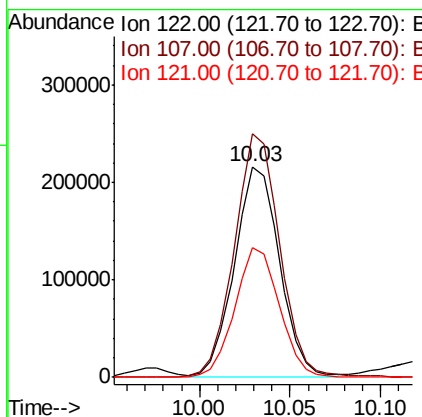
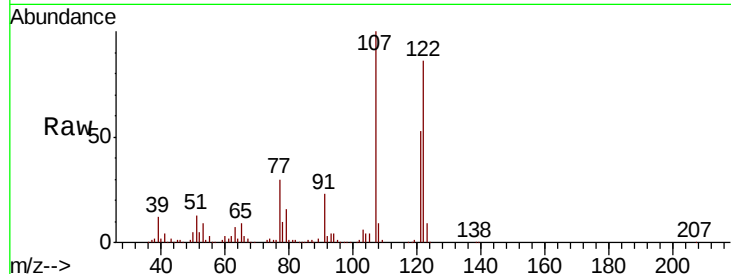
#27  
2,4-Dimethylphenol  
Concen: 71.510 ng  
RT: 10.03 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.7 | 91.3  | 136.9 |
| 121     | 61.6  | 49.2  | 73.8  |

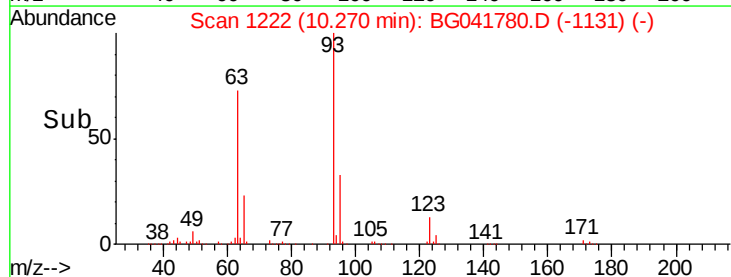
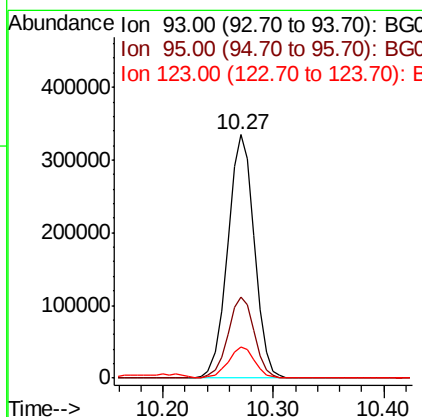
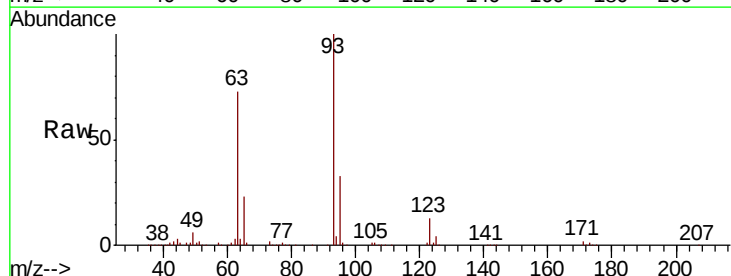
Manual Integrations  
APPROVED

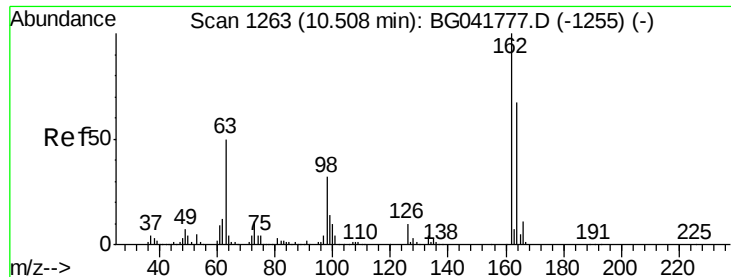
mohammad  
7/29/2019 5:30:22 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 69.240 ng  
RT: 10.27 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 26.2  | 39.4  |
| 123     | 12.9  | 9.9   | 14.9  |





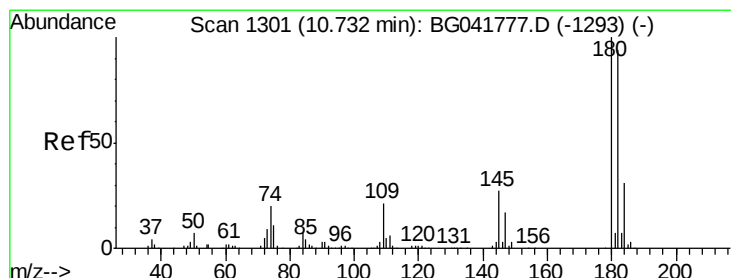
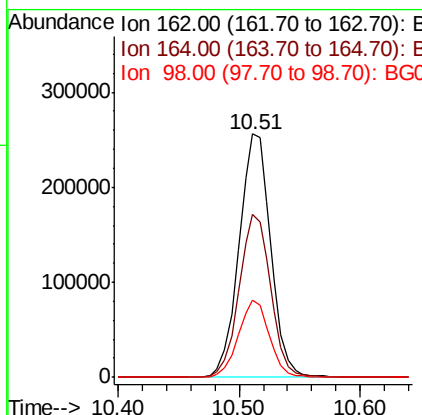
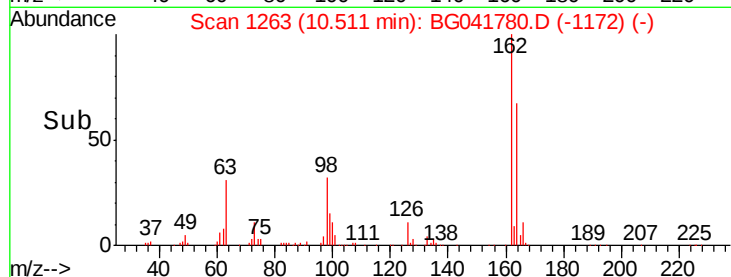
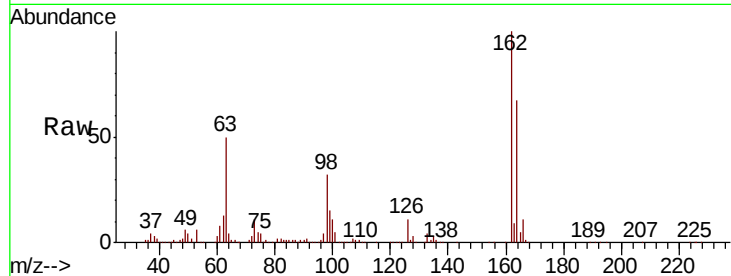
#29  
 2,4-Dichlorophenol  
 Concen: 78.600 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 467110 |       |       |
| 164     | 66.9  | 46.1   | 86.1  |       |
| 98      | 31.9  | 14.7   | 54.7  |       |

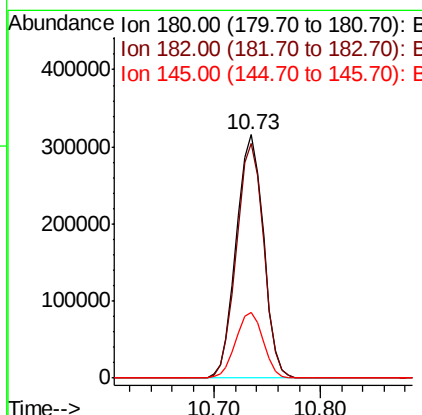
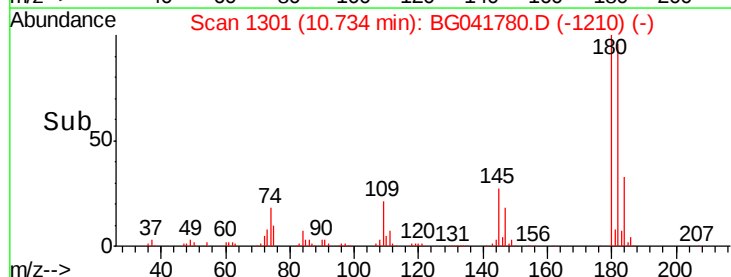
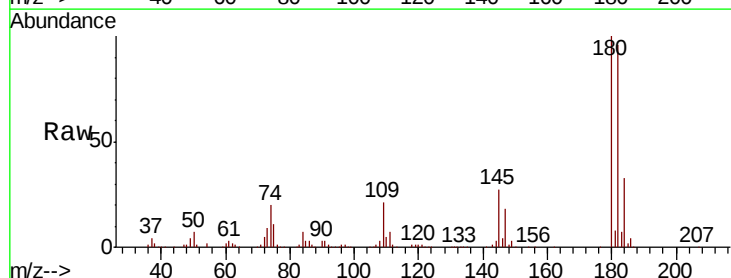
Manual Integrations  
 APPROVED

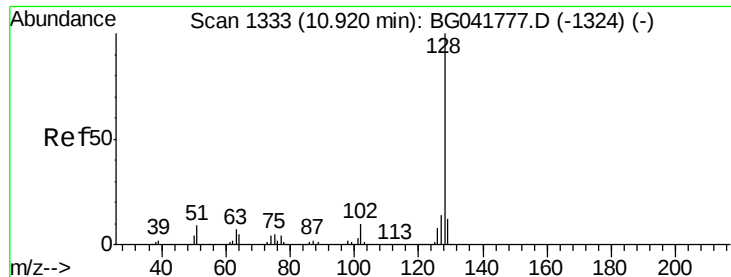
mohammad  
 7/29/2019 5:30:22 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 80.530 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 561921 |       |       |
| 182     | 96.3  | 76.2   | 114.2 |       |
| 145     | 27.1  | 23.8   | 35.8  |       |





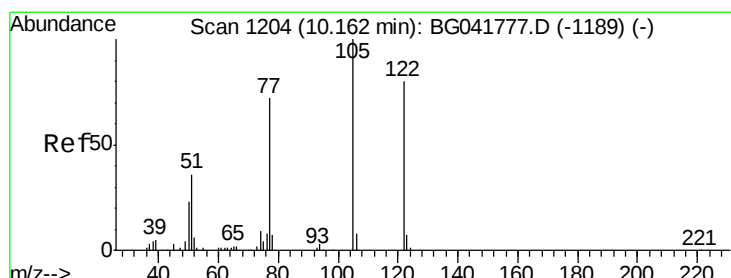
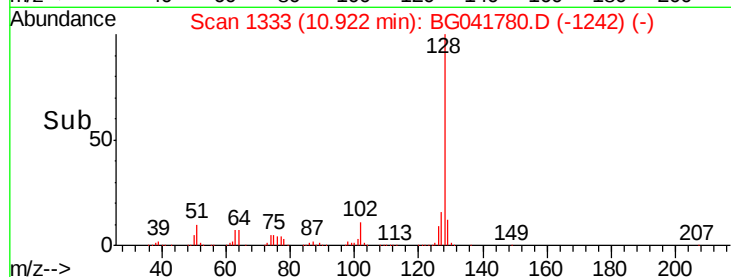
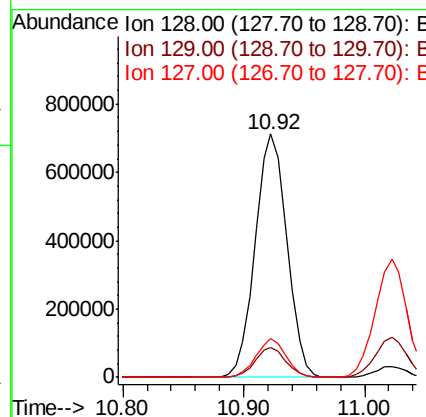
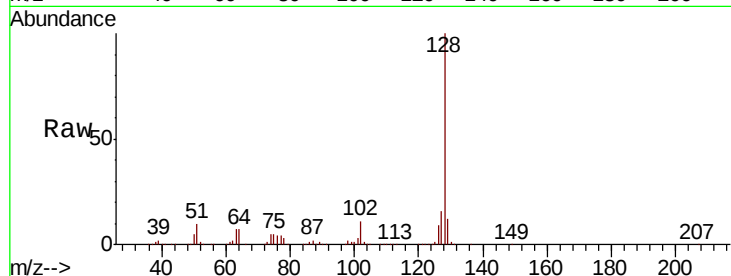
#31  
Naphthalene  
Concen: 72.158 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.4  | 10.0  | 15.0  |
| 127     | 15.8  | 12.3  | 18.5  |

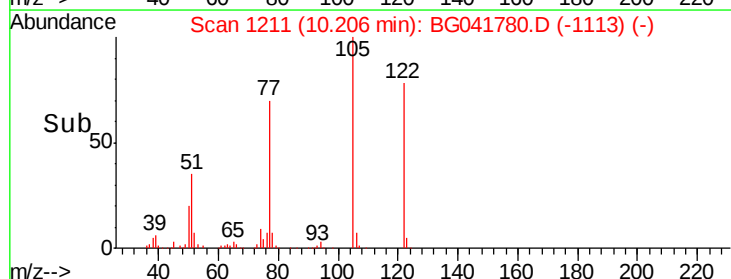
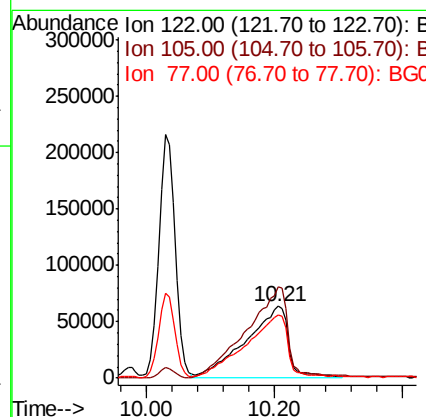
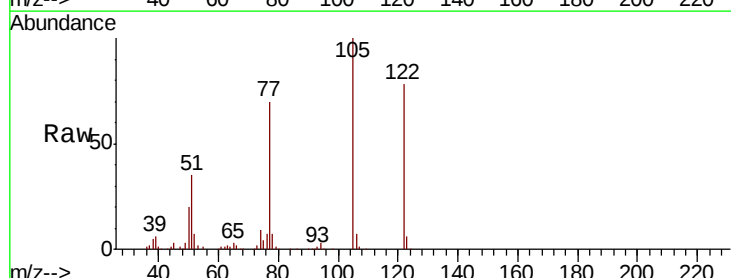
Manual Integrations  
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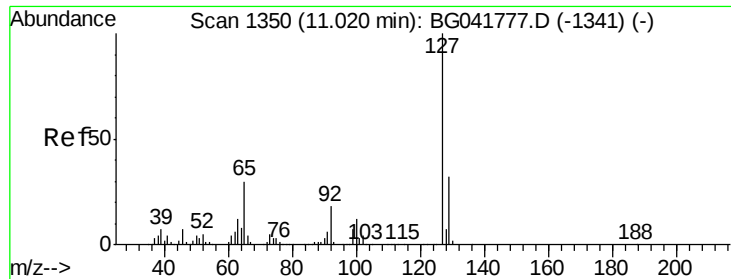
mohammad  
7/29/2019 5:30:22 PM



#32  
Benzoic acid  
Concen: 80.883 ng m  
RT: 10.21 min Scan# 1211  
Delta R.T. 0.04 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.4 | 101.5 | 141.5 |
| 77      | 89.2  | 73.0  | 113.0 |





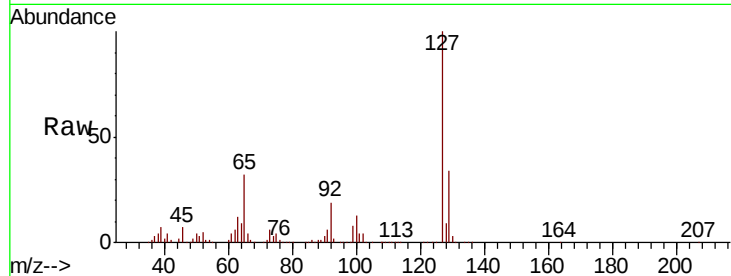
#33  
4-Chloroaniline  
Concen: 76.294 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 127     | 100  |       | 633910 |       |       |
| 129     | 34.2 | 25.8  | 38.8   |       |       |
| 65      | 32.0 | 26.7  | 40.1   |       |       |
| 92      | 18.7 | 15.4  | 23.0   |       |       |

Manual Integrations  
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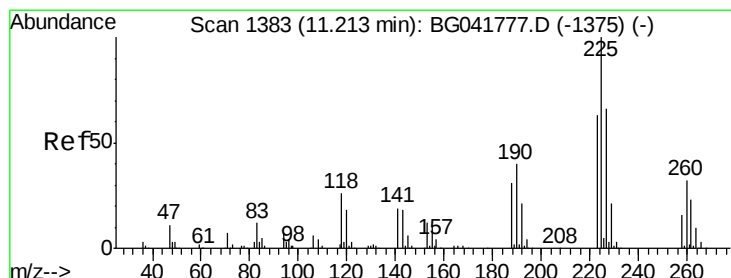
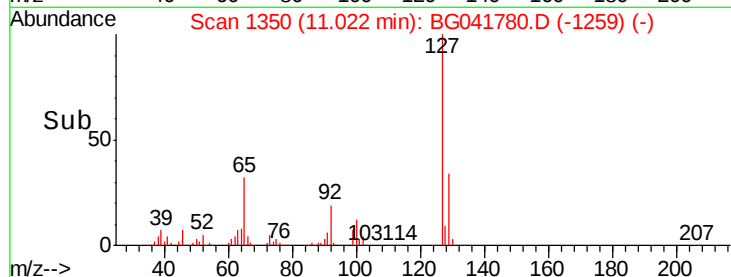
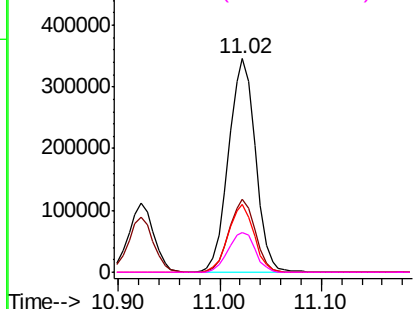
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

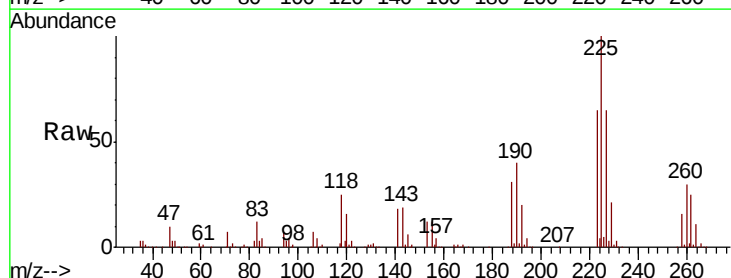
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 84.099 ng  
RT: 11.22 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 377171 |       |       |
| 223     | 64.8 | 51.1  | 76.7   |       |       |
| 227     | 65.0 | 50.9  | 76.3   |       |       |

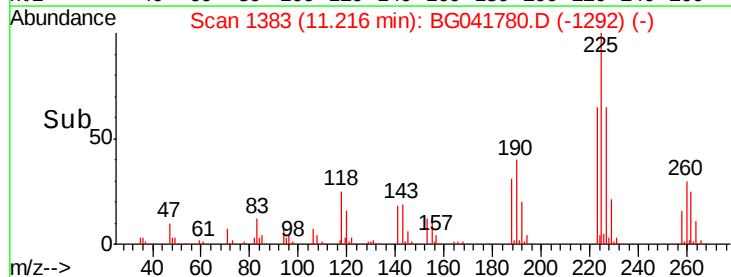
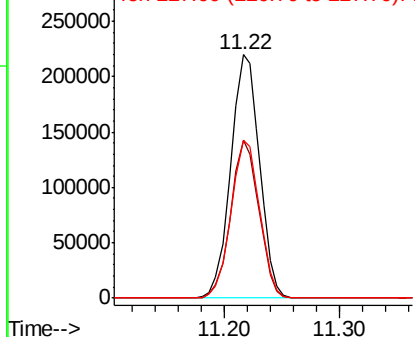


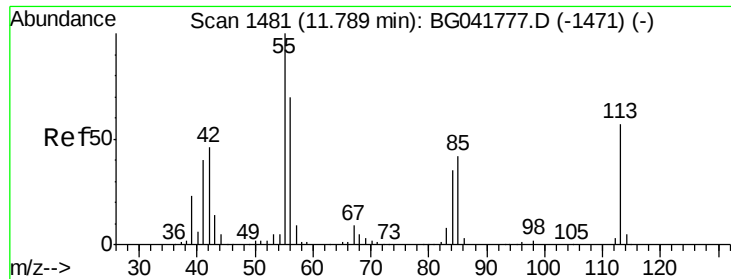
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 77.627 ng

RT: 11.82 min Scan# 1485

Delta R.T. 0.03 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

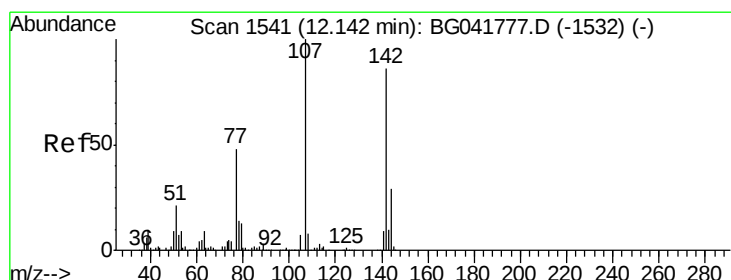
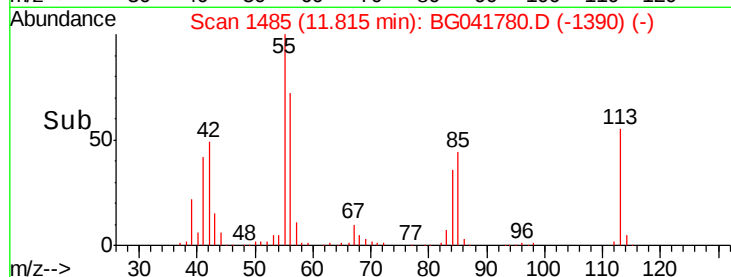
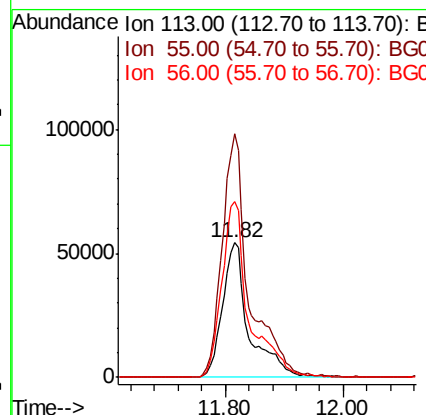
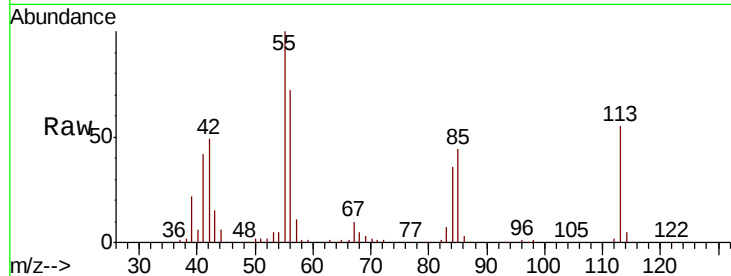
ClientSampleId :

SSTDICC080

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 180.9 | 199.4 | 239.4# |
| 56      | 130.3 | 133.6 | 173.6# |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 74.584 ng

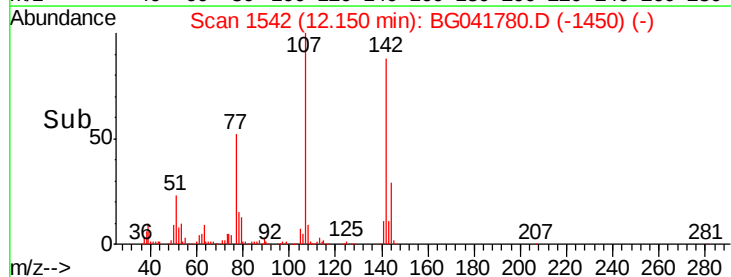
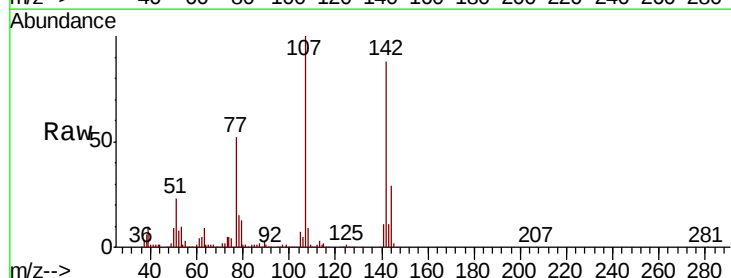
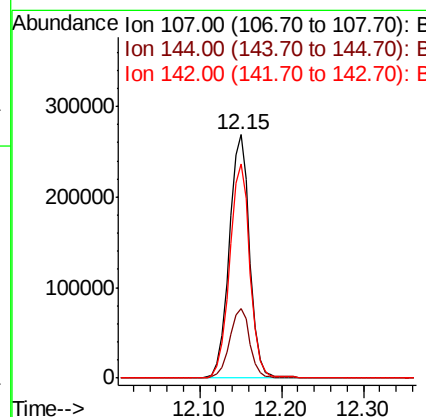
RT: 12.15 min Scan# 1542

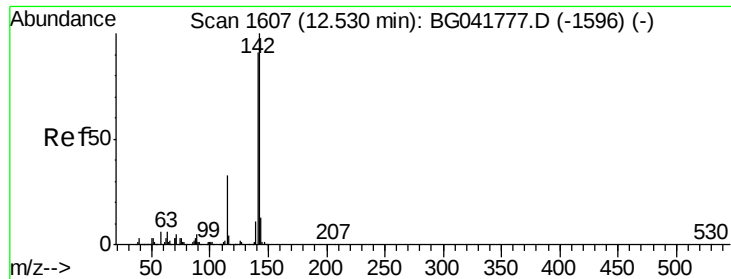
Delta R.T. 0.01 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.7  | 22.2  | 33.2  |
| 142     | 87.7  | 67.3  | 100.9 |





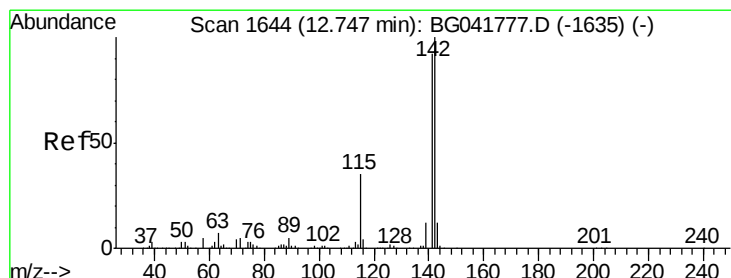
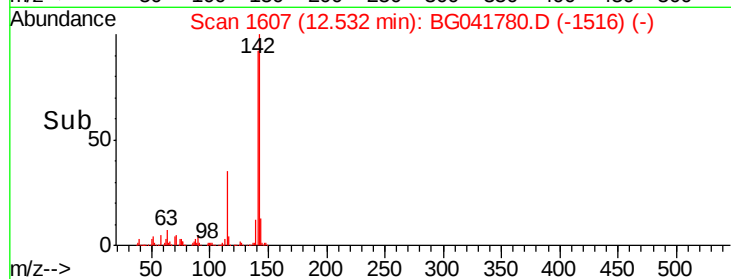
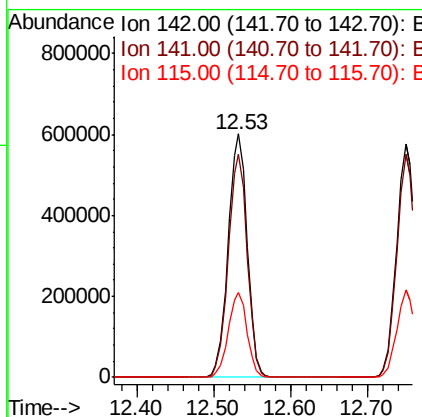
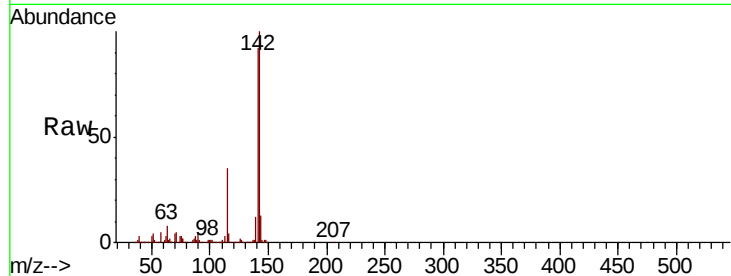
#37  
2-Methylnaphthalene  
Concen: 75.230 ng  
RT: 12.53 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 142     | 100  |       |       |       |
| 141     | 91.5 | 72.7  | 109.1 |       |
| 115     | 35.0 | 27.0  | 40.4  |       |

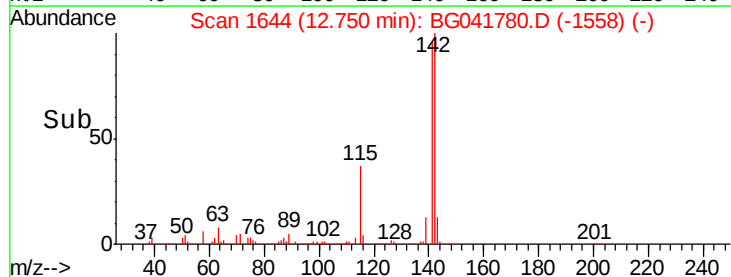
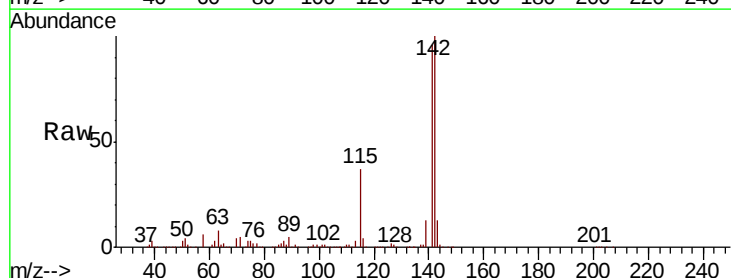
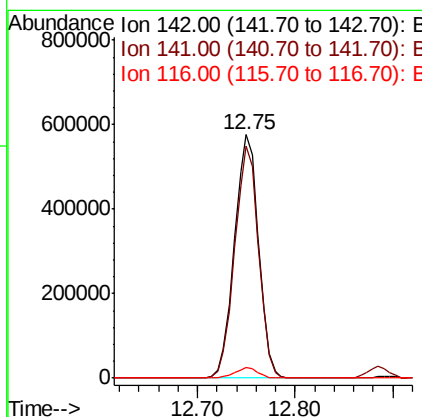
Manual Integrations  
APPROVED

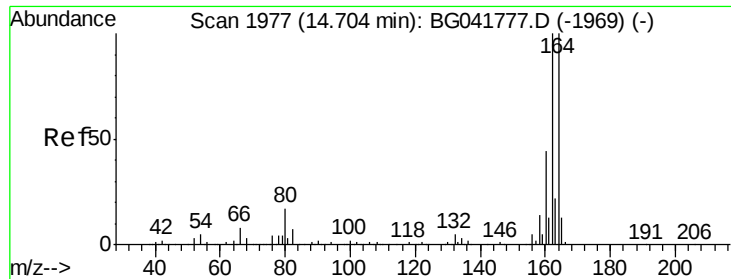
mohammad  
7/29/2019 5:30:22 PM



#38  
1-Methylnaphthalene  
Concen: 74.790 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 142     | 100  |       |       |       |
| 141     | 95.6 | 75.4  | 113.2 |       |
| 116     | 4.2  | 3.2   | 4.8   |       |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

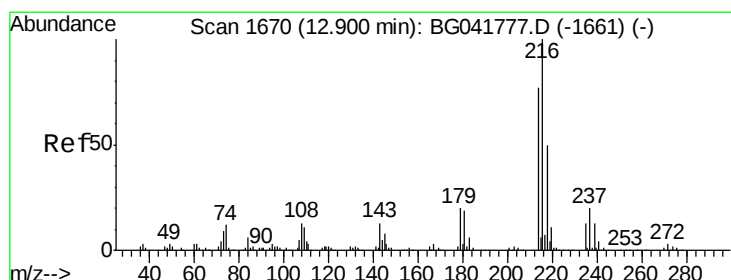
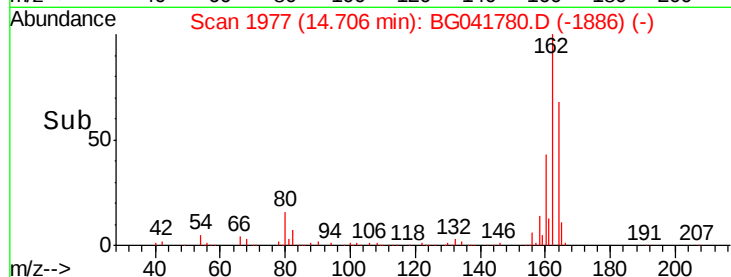
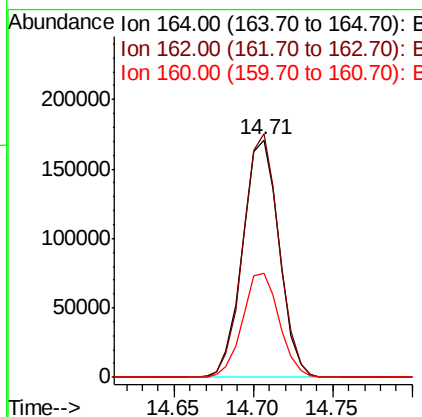
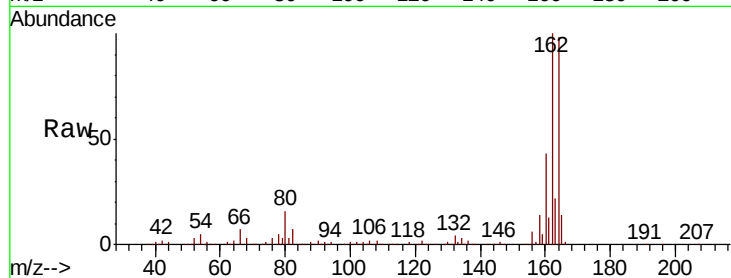
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 272314 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.5 | 79.6  | 119.4  |
| 160       | 43.9  | 35.4  | 53.0   |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 70.685 ng

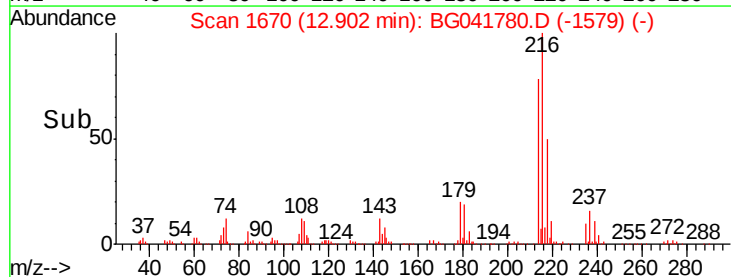
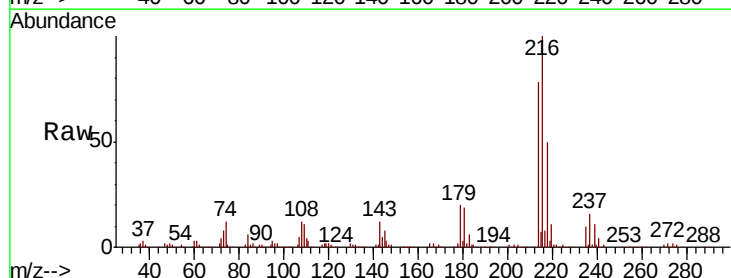
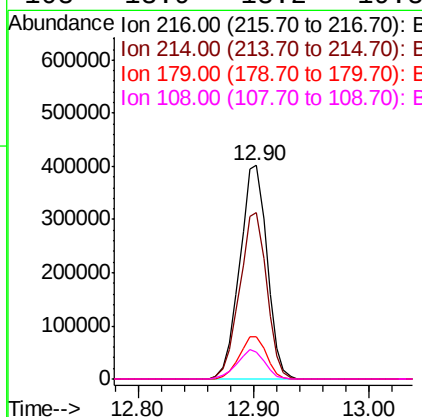
RT: 12.90 min Scan# 1670

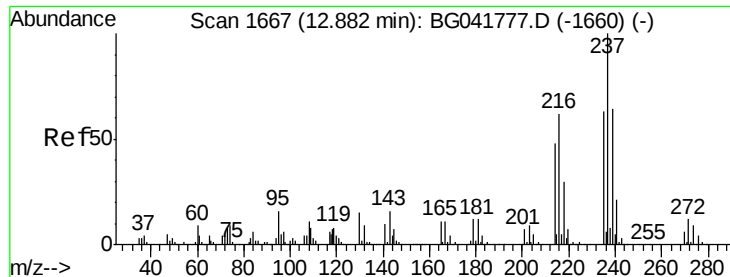
Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 659330 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 77.4  | 61.5  | 92.3   |
| 179       | 19.7  | 16.2  | 24.2   |
| 108       | 13.9  | 13.2  | 19.8   |





#41

Hexachlorocyclopentadiene

Concen: 76.963 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

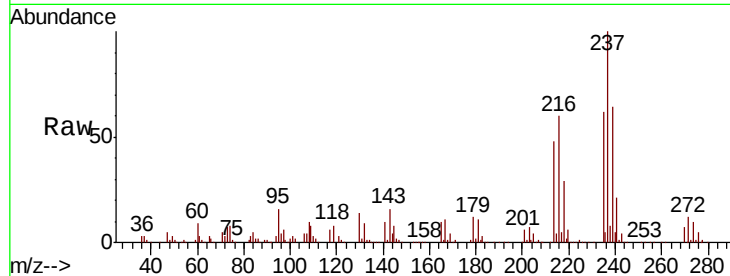
ClientSampleId :

SSTDIC080

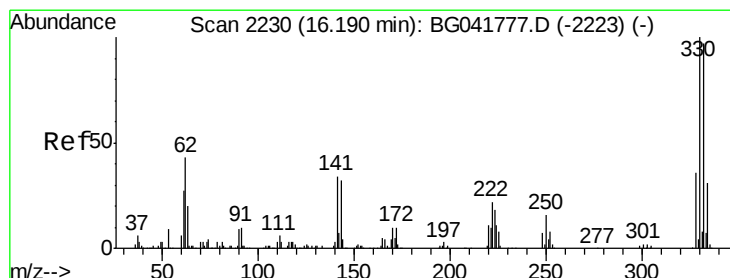
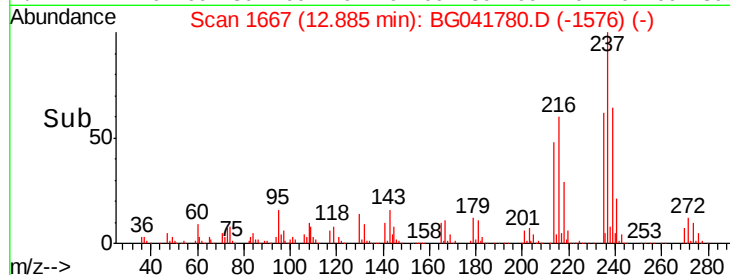
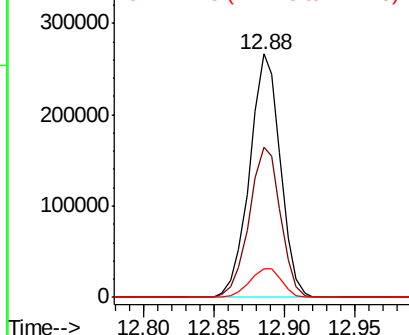
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 406096 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.9  | 43.5  | 83.5   |
| 272       | 11.9  | 0.0   | 31.2   |

Manual Integrations  
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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 173.869 ng

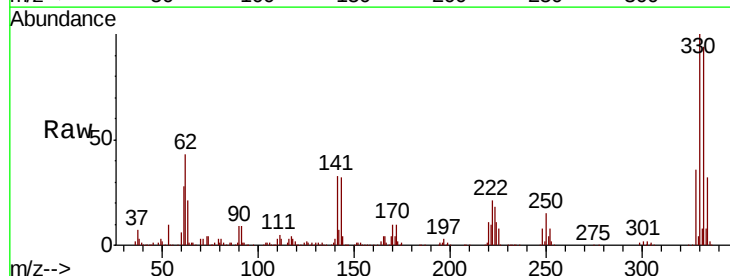
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

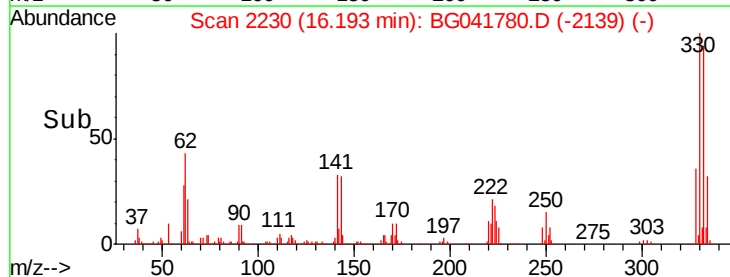
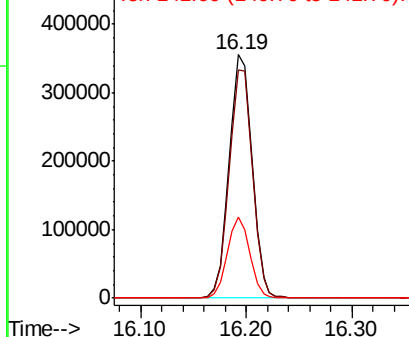
Lab File: BG041780.D

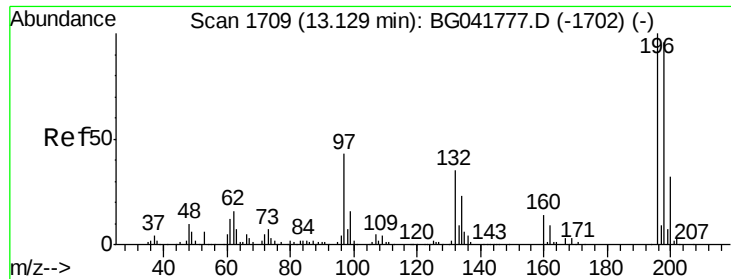
Acq: 27 Jul 2019 17:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 533593 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.3  | 77.4  | 116.0  |
| 141       | 32.6  | 31.9  | 47.9   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





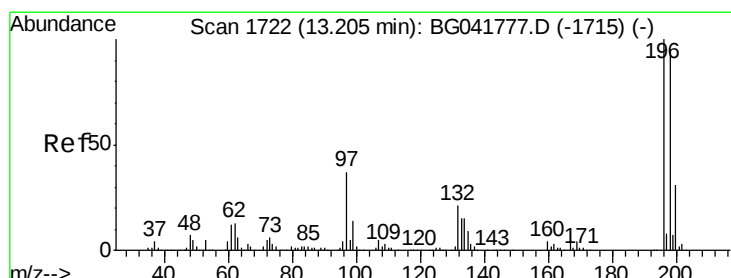
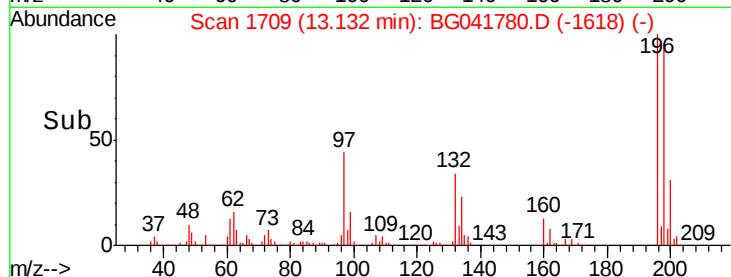
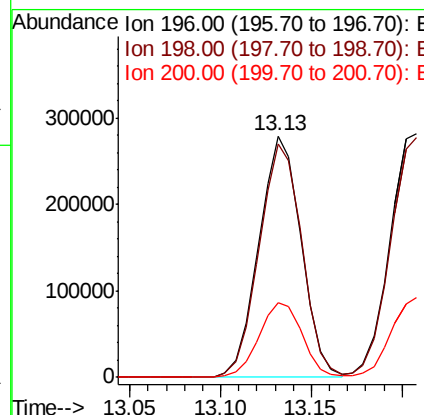
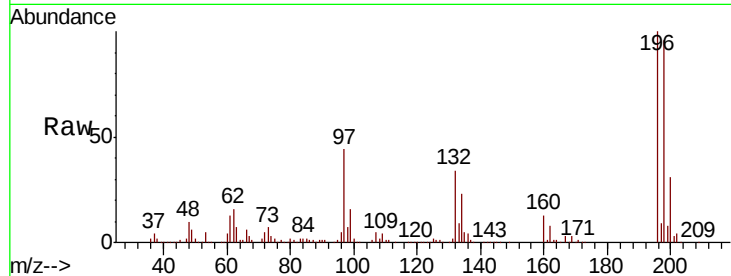
#43  
 2,4,6-Trichlorophenol  
 Concen: 74.361 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 450686 |       |       |
| 198     | 96.5  | 79.6   | 119.4 |       |
| 200     | 31.1  | 25.2   | 37.8  |       |

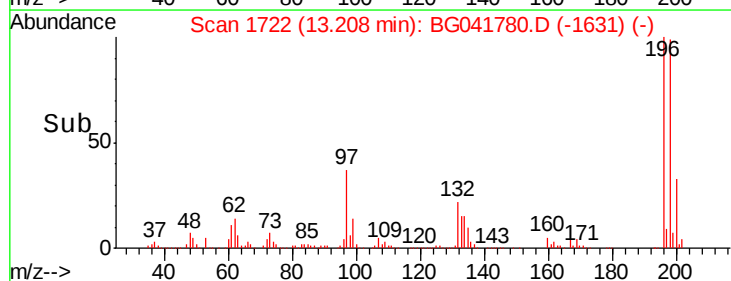
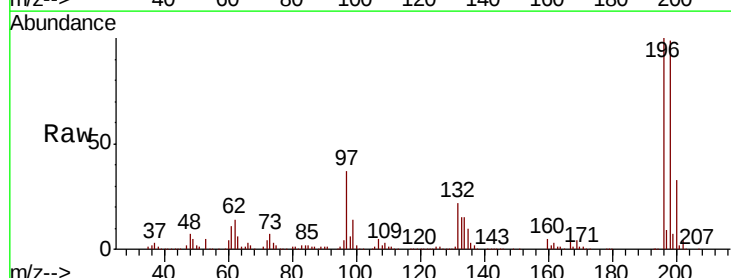
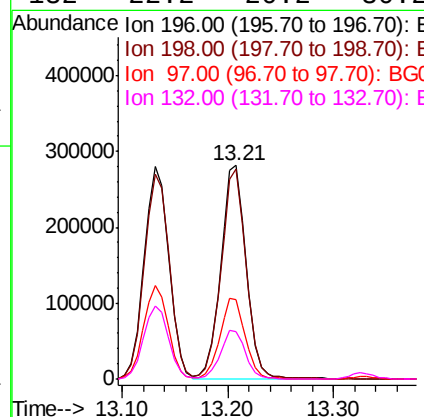
Manual Integrations  
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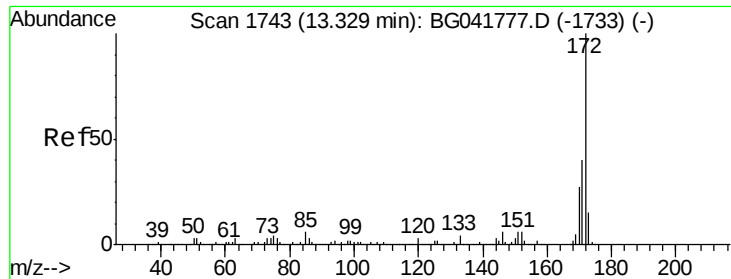
mohammad  
 7/29/2019 5:30:22 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 73.447 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 469011 |       |       |
| 198     | 98.5  | 80.6   | 121.0 |       |
| 97      | 37.0  | 33.9   | 50.9  |       |
| 132     | 22.2  | 20.2   | 30.2  |       |





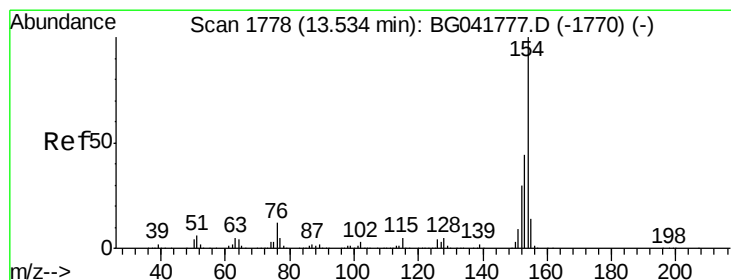
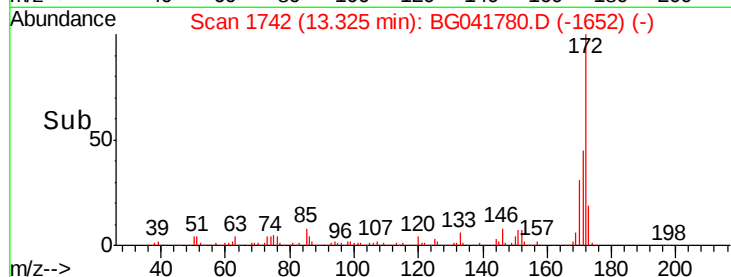
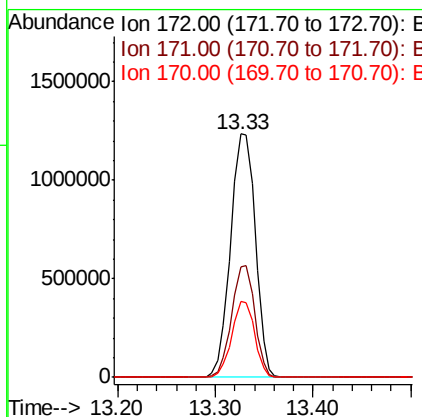
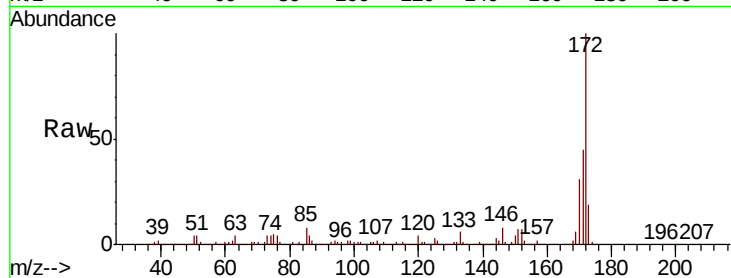
#45  
 2-Fluorobiphenyl  
 Concen: 124.130 ng  
 RT: 13.33 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 45.4  | 35.0  | 52.4  |
| 170     | 31.1  | 23.5  | 35.3  |

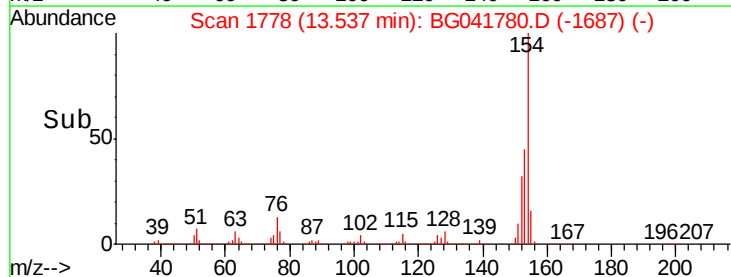
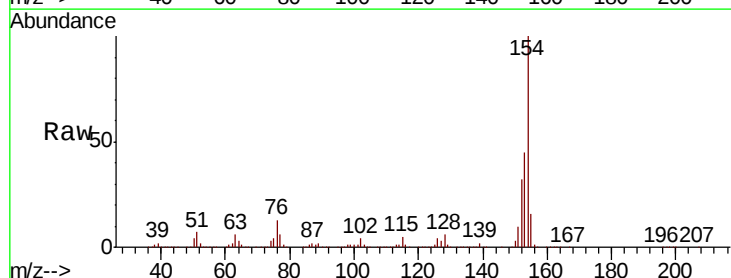
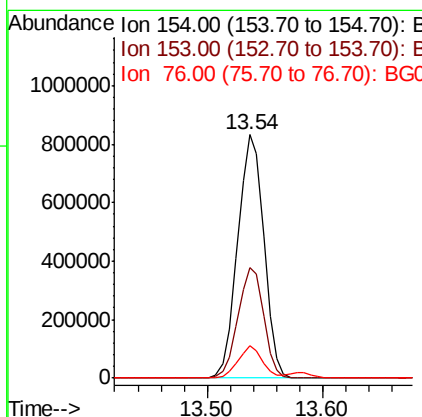
Manual Integrations  
 APPROVED

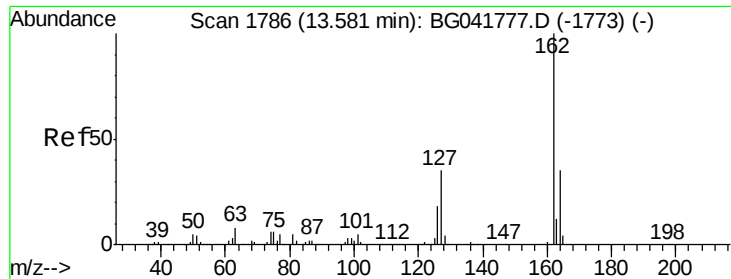
mohammad  
 7/29/2019 5:30:22 PM



#46  
 1,1'-Biphenyl  
 Concen: 63.883 ng  
 RT: 13.54 min Scan# 1778  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 45.4  | 25.0  | 65.0  |
| 76      | 13.2  | 0.0   | 34.5  |





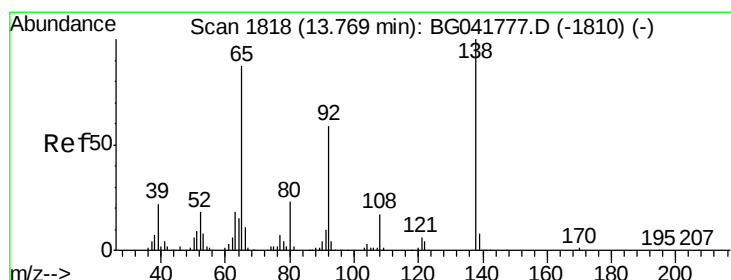
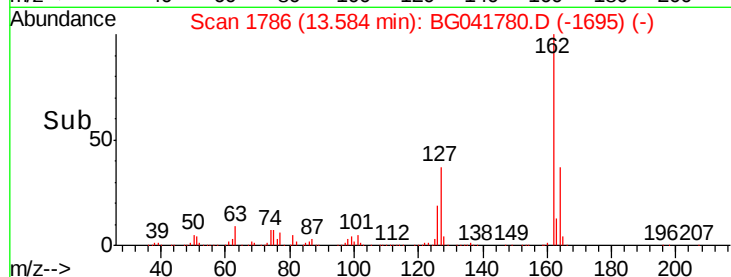
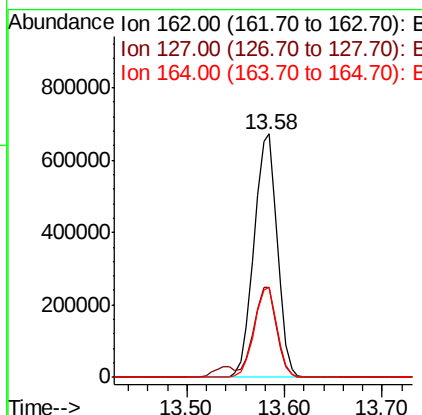
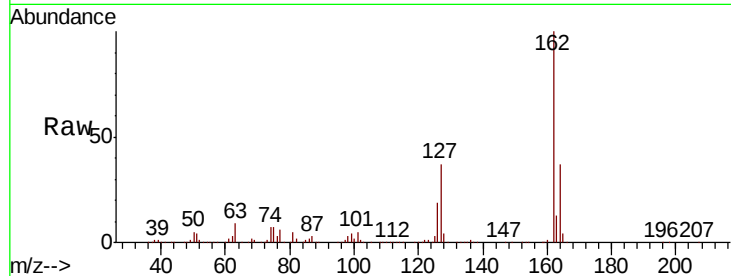
#47  
2-Chloronaphthalene  
Concen: 66.606 ng  
RT: 13.58 min Scan# 1786  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.9  | 30.4  | 45.6  |
| 164     | 37.1  | 28.6  | 42.8  |

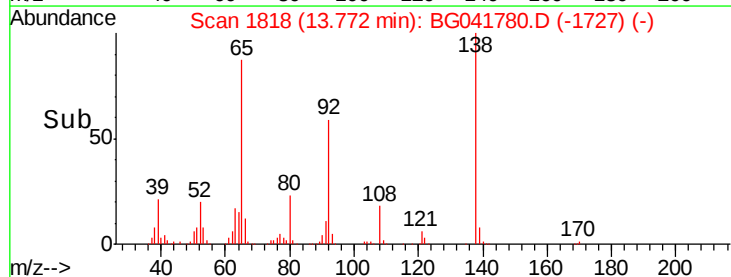
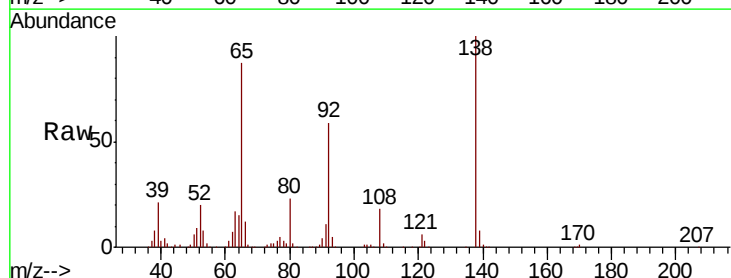
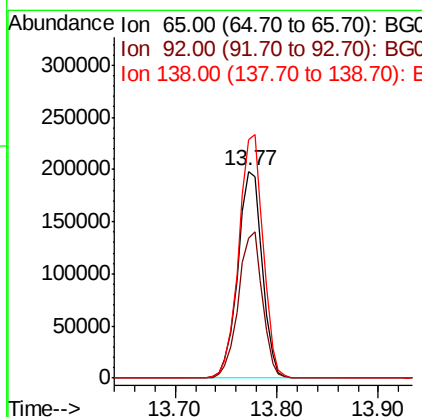
Manual Integrations  
APPROVED

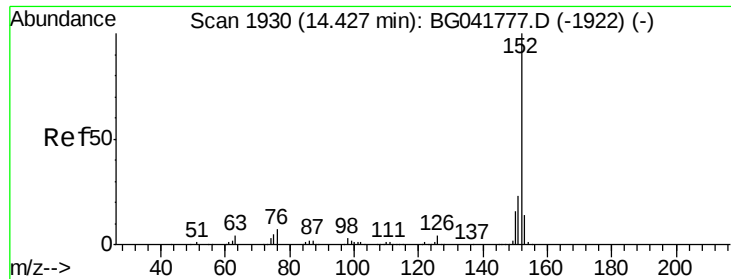
mohammad  
7/29/2019 5:30:22 PM



#48  
2-Nitroaniline  
Concen: 66.883 ng  
RT: 13.77 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 67.9  | 53.9  | 80.9  |
| 138     | 115.2 | 83.5  | 125.3 |





#49

Acenaphthylene

Concen: 62.897 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 1669492

Ion Ratio Lower Upper

152 100

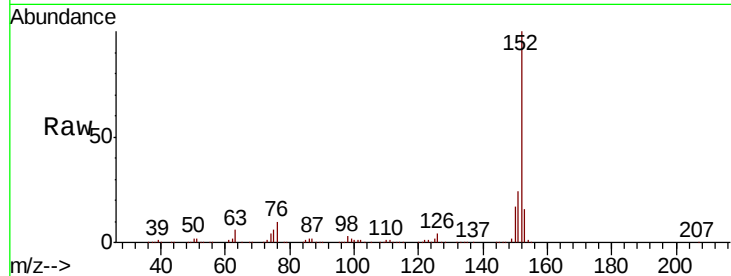
151 24.4 18.7 28.1

153 15.8 12.4 18.6

Manual Integrations  
APPROVED

mohammad

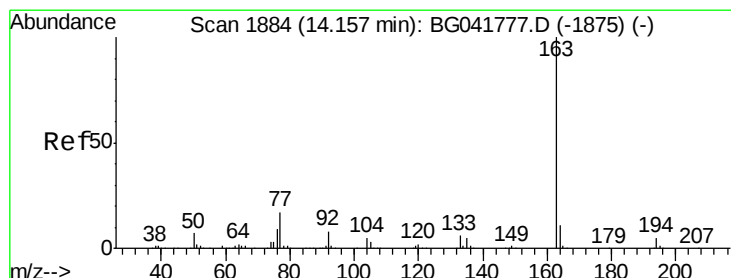
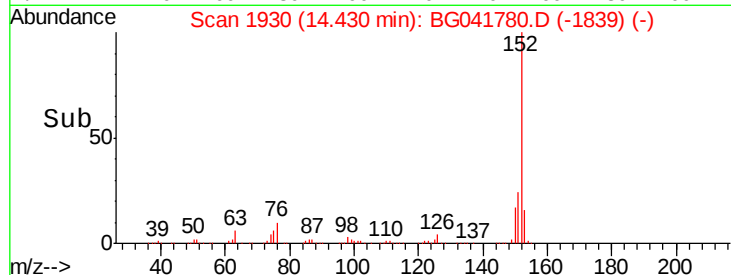
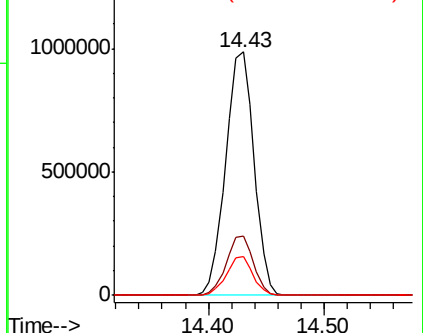
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 66.739 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

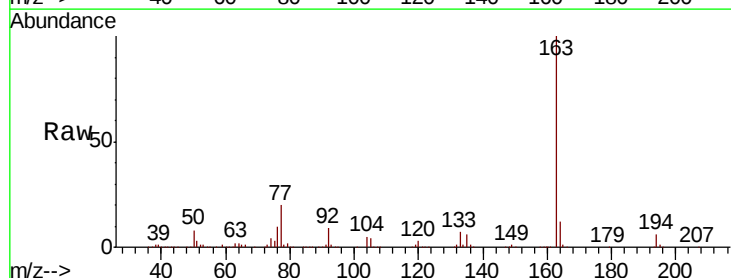
Tgt Ion:163 Resp: 1427374

Ion Ratio Lower Upper

163 100

194 6.0 4.2 6.2

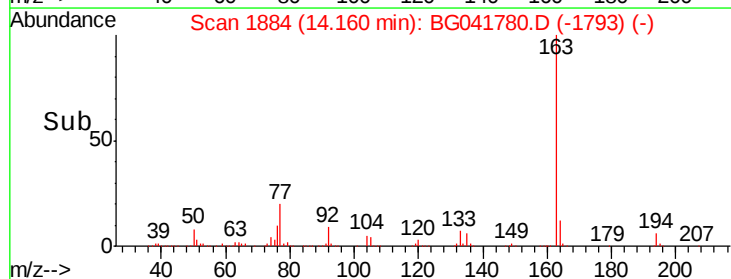
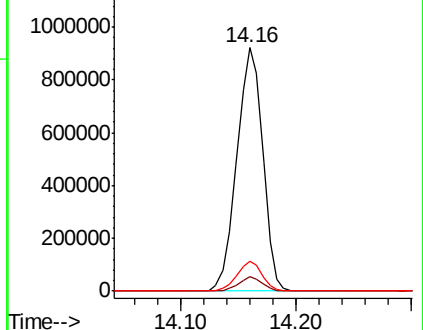
164 12.5 9.4 14.2

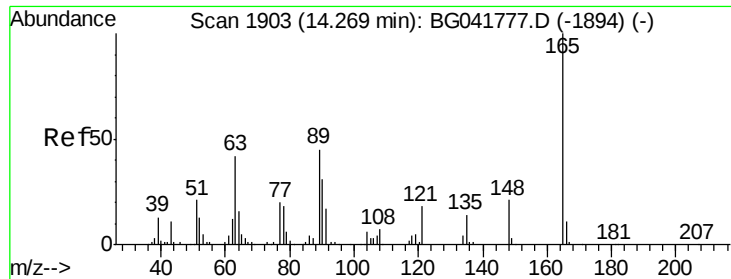


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





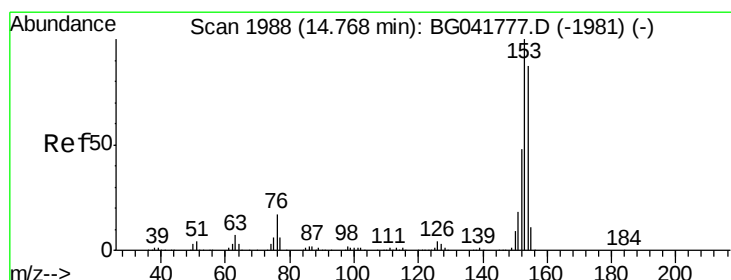
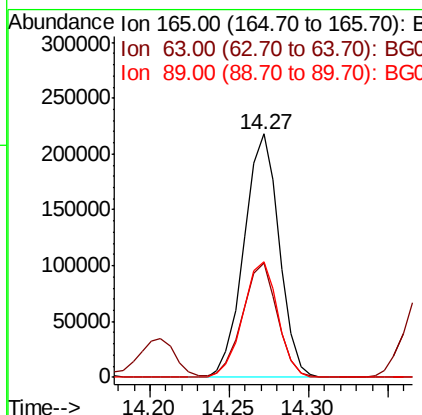
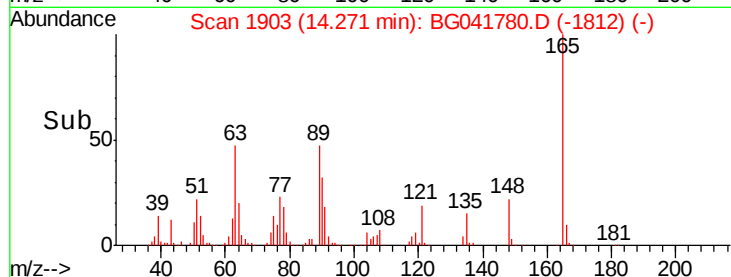
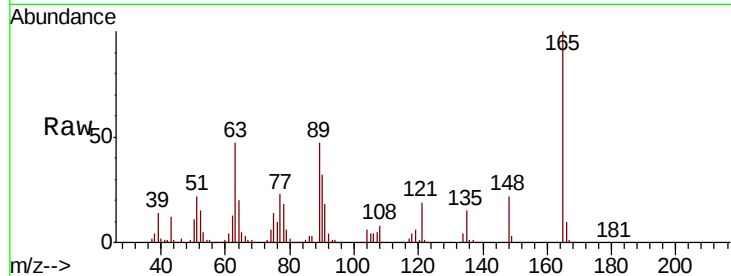
#51  
2,6-Dinitrotoluene  
Concen: 74.057 ng  
RT: 14.27 min Scan# 1903  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 335957 |       |       |
| 63      | 46.9  |        | 42.4  | 63.6  |
| 89      | 47.5  |        | 42.1  | 63.1  |

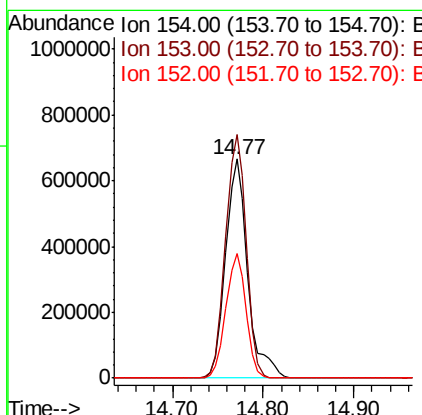
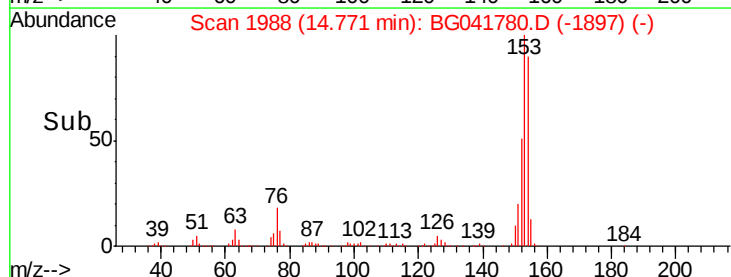
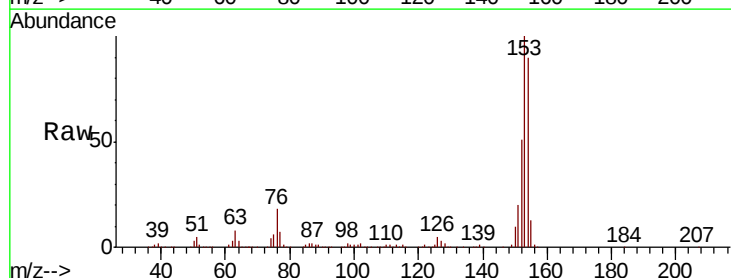
Manual Integrations  
APPROVED

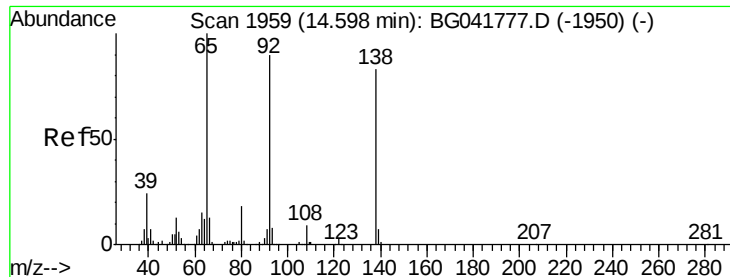
mohammad  
7/29/2019 5:30:22 PM



#52  
Acenaphthene  
Concen: 67.229 ng  
RT: 14.77 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1124538 |       |       |
| 153     | 111.1 |         | 89.8  | 134.6 |
| 152     | 56.8  |         | 44.9  | 67.3  |





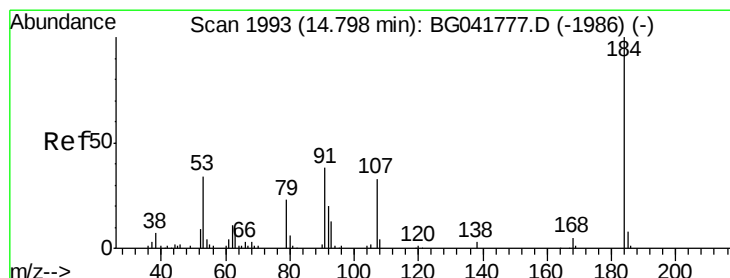
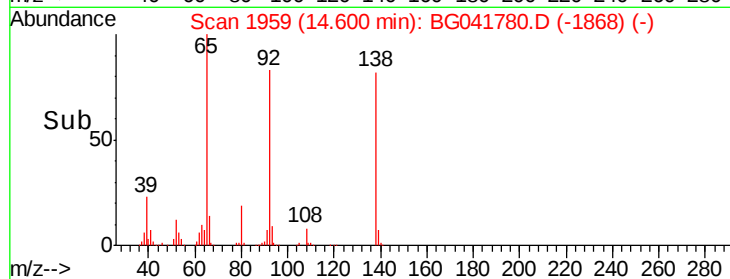
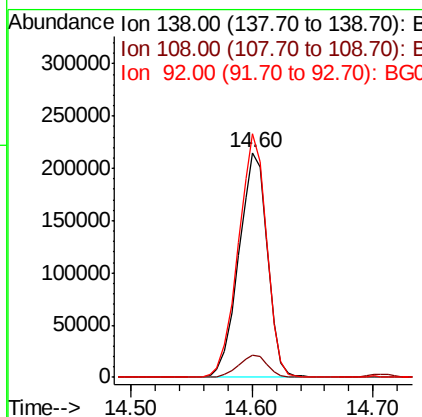
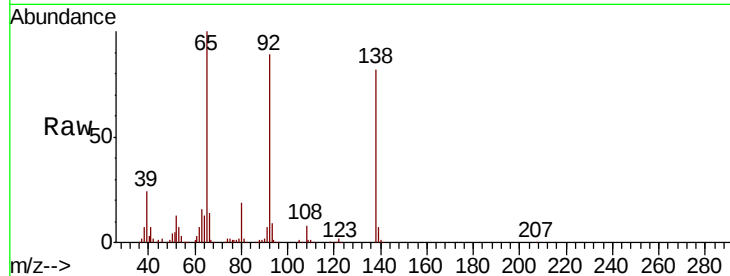
#53  
3-Nitroaniline  
Concen: 71.845 ng  
RT: 14.60 min Scan# 1959  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.0  | 10.3  | 15.5# |
| 92      | 108.4 | 93.0  | 139.4 |

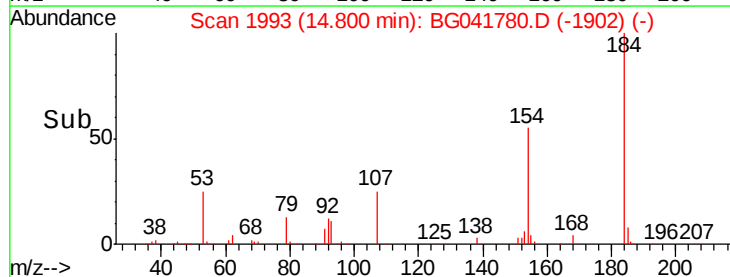
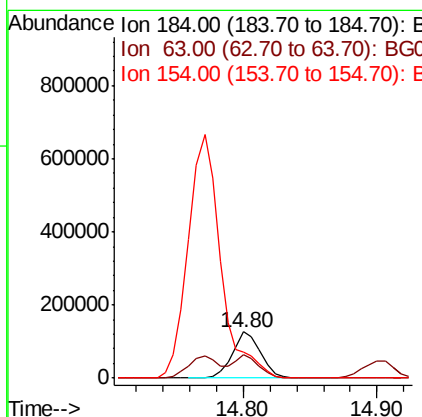
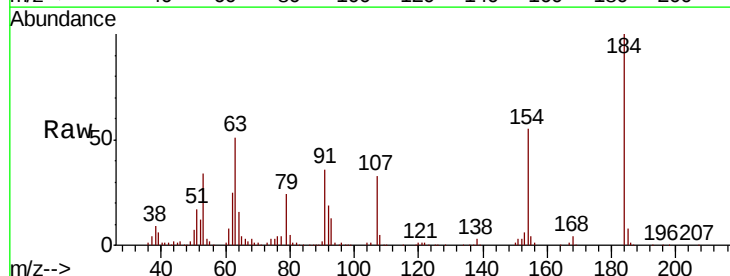
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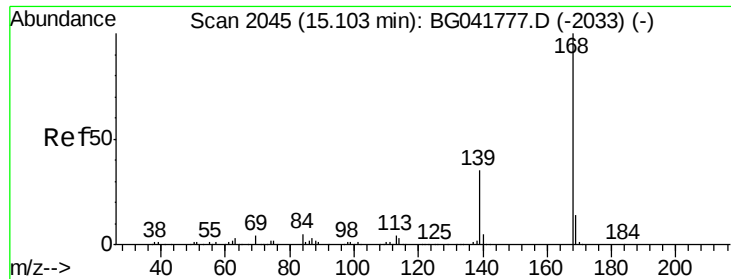
mohammad  
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#54  
2,4-Dinitrophenol  
Concen: 95.405 ng  
RT: 14.80 min Scan# 1993  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 50.6  | 43.2  | 64.8  |
| 154     | 55.4  | 51.4  | 77.2  |





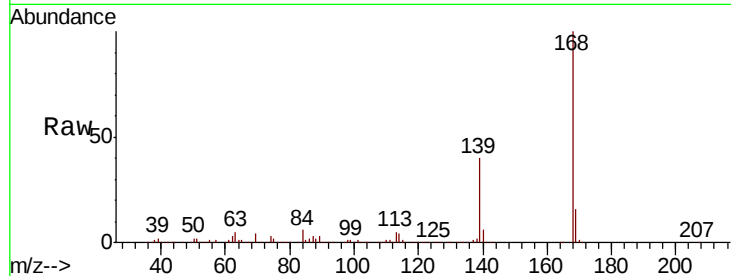
#55  
Dibenzenofuran  
Concen: 65.410 ng  
RT: 15.11 min Scan# 2045  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampled :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.8  | 31.9  | 47.9  |
| 169     | 16.4  | 12.5  | 18.7  |

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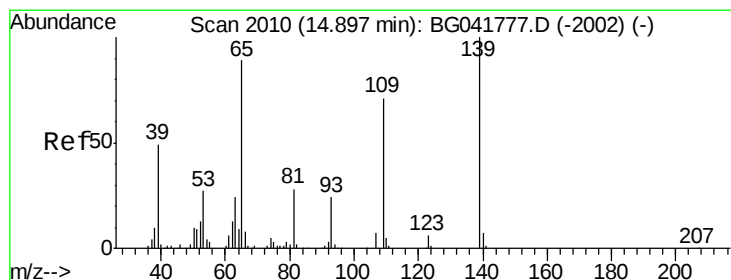
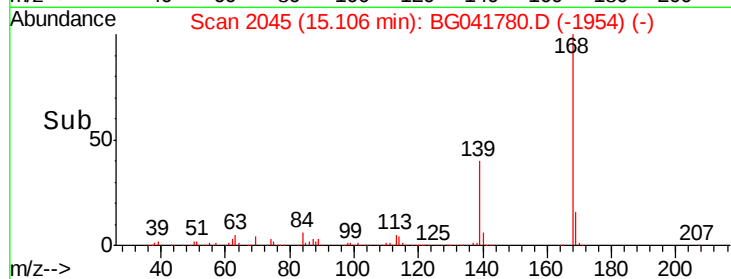
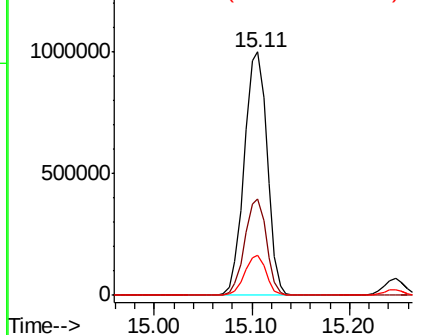


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 69.006 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

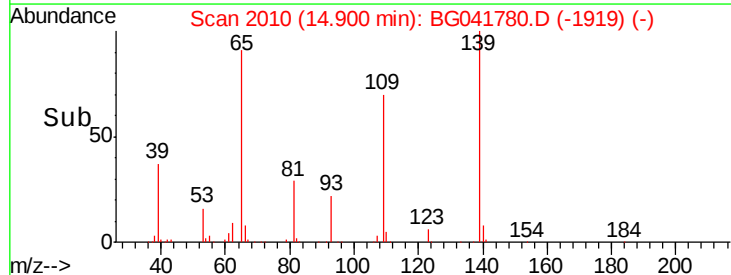
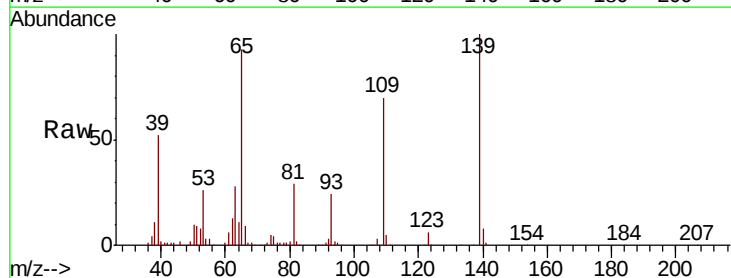
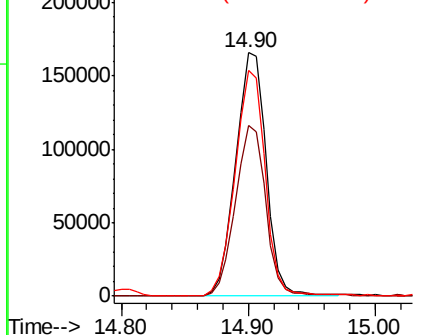
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 70.2  | 51.3  | 91.3  |
| 65      | 92.7  | 77.6  | 117.6 |

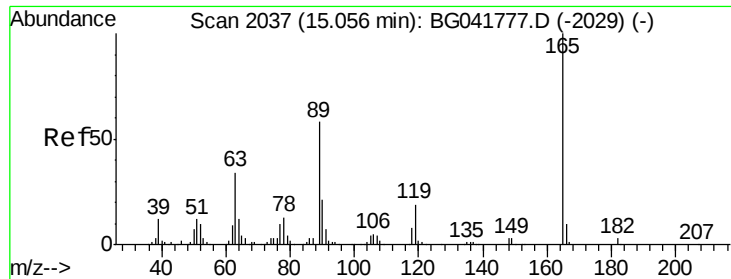
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





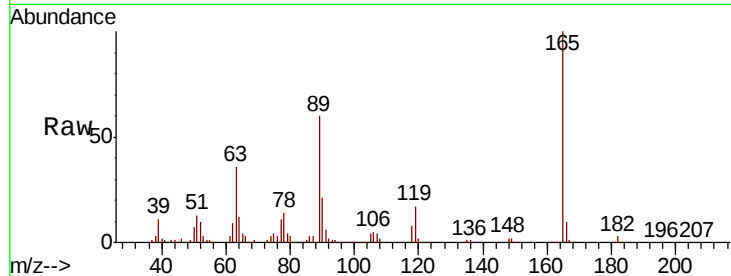
#57  
 2,4-Dinitrotoluene  
 Concen: 78.858 ng  
 RT: 15.06 min Scan# 2037  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

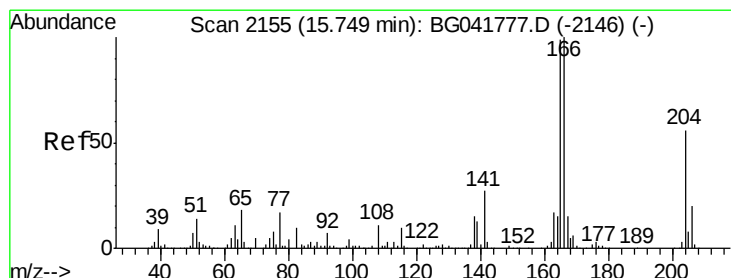
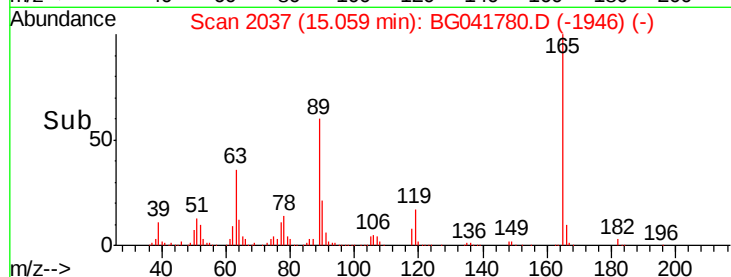
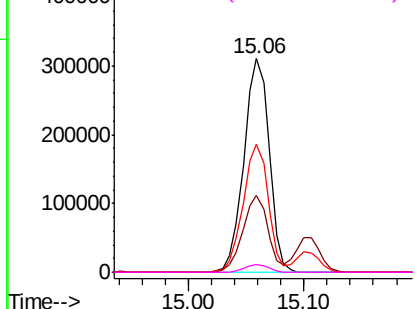
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 472889 |       |       |
| 63      | 35.9  |        | 31.7  | 47.5  |
| 89      | 59.7  |        | 50.2  | 75.4  |
| 182     | 3.4   |        | 2.6   | 4.0   |

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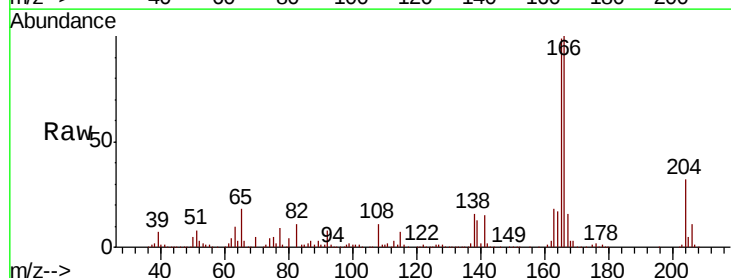


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 89.00 (88.70 to 89.70): BGC  
 Ion 182.00 (181.70 to 182.70): E

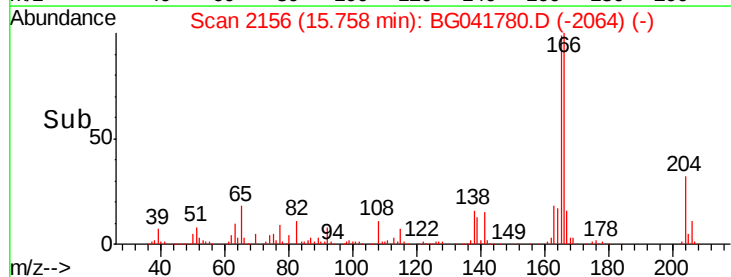
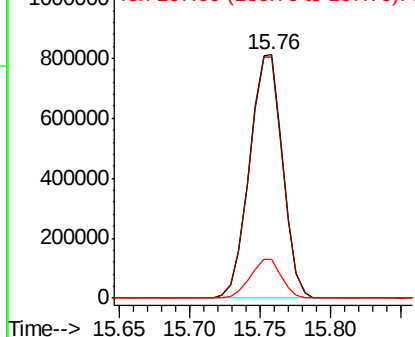


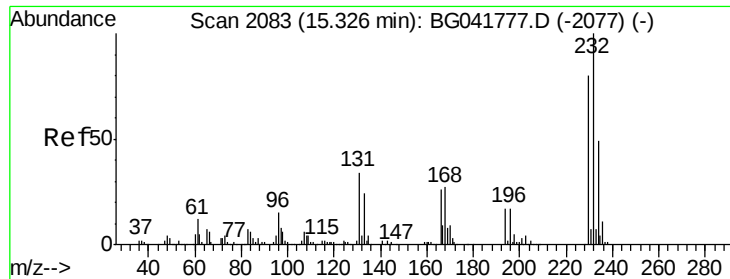
#58  
 Fluorene  
 Concen: 65.421 ng  
 RT: 15.76 min Scan# 2156  
 Delta R.T. 0.01 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 1336138 |       |       |
| 165     | 99.2  |         | 80.5  | 120.7 |
| 167     | 15.8  |         | 12.4  | 18.6  |



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E





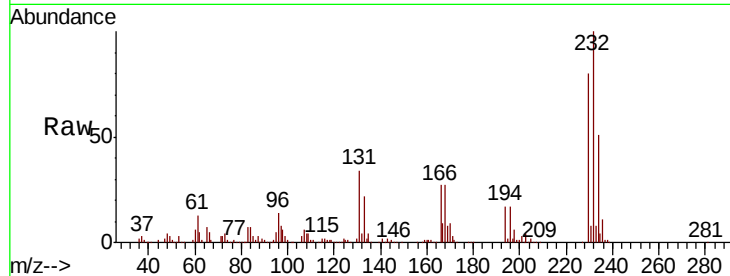
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 79.708 ng  
 RT: 15.33 min Scan# 2083  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

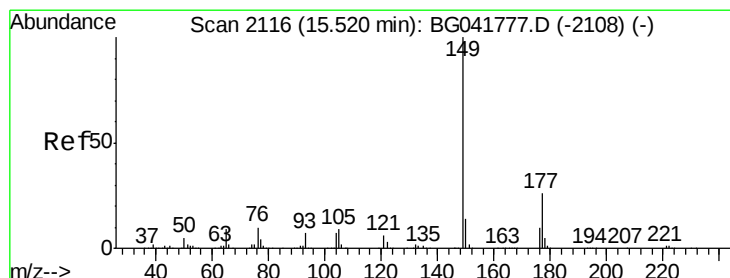
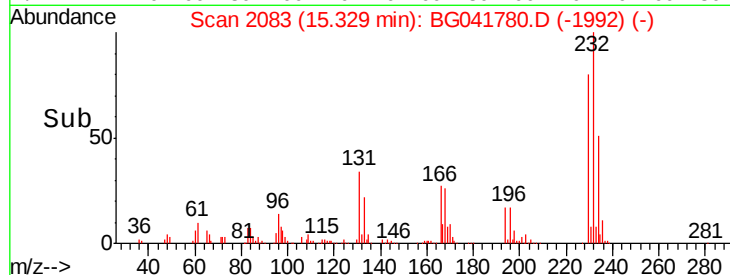
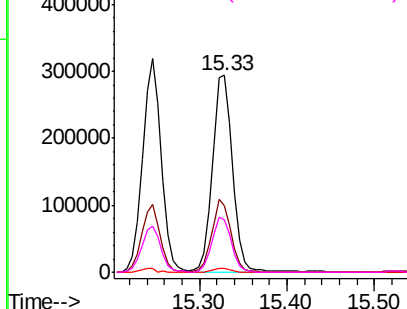
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 232   | Resp: | 469897 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 34.8  | 31.8  | 47.6   |
| 130       | 2.1   | 1.8   | 2.8    |
| 166       | 26.8  | 23.5  | 35.3   |

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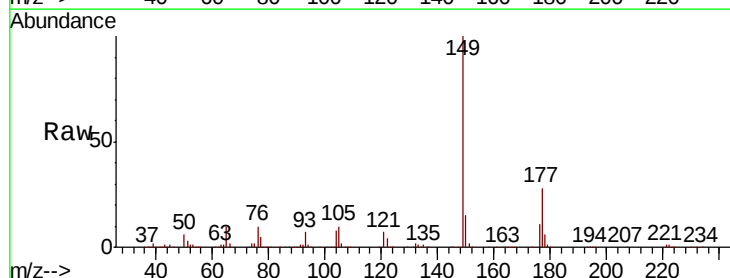


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

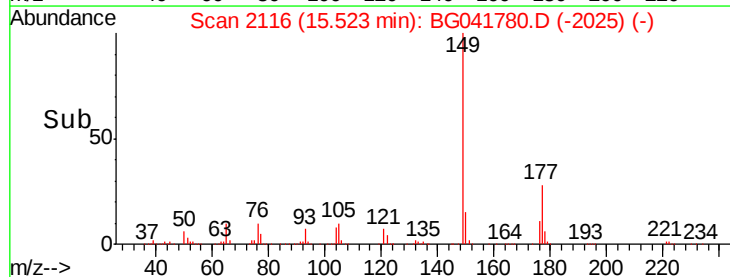
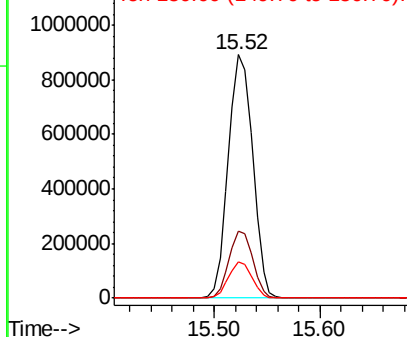


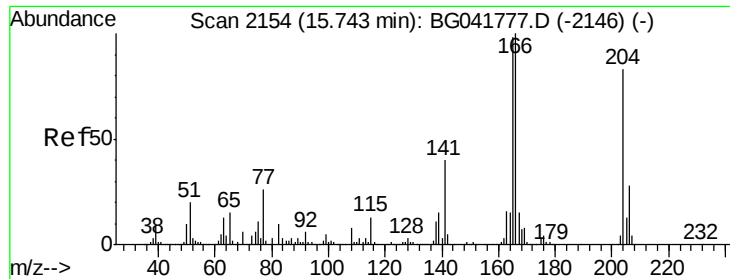
#60  
 Diethylphthalate  
 Concen: 66.055 ng  
 RT: 15.52 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1423211 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 177       | 27.7  | 20.7  | 31.1    |
| 150       | 15.1  | 11.5  | 17.3    |



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





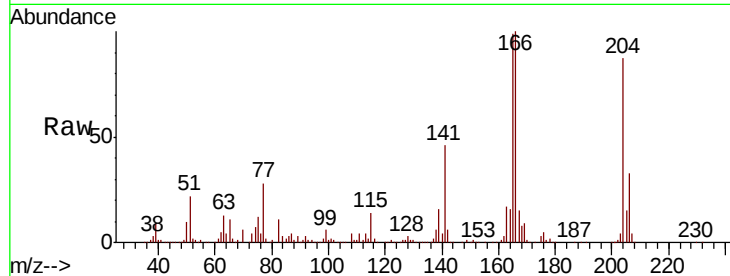
#61  
4-Chlorophenyl-phenylether  
Concen: 71.503 ng  
RT: 15.75 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 825498 |       |       |
| 206     | 37.2  | 28.6   | 42.8  |       |
| 141     | 52.4  | 42.9   | 64.3  |       |

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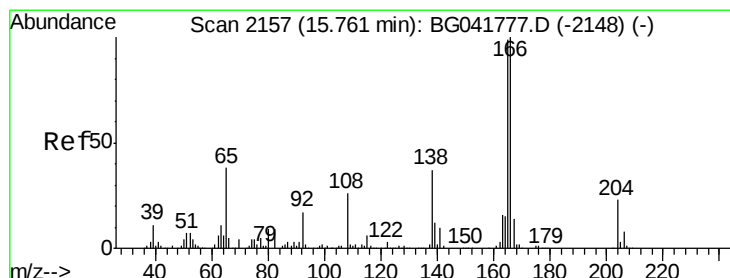
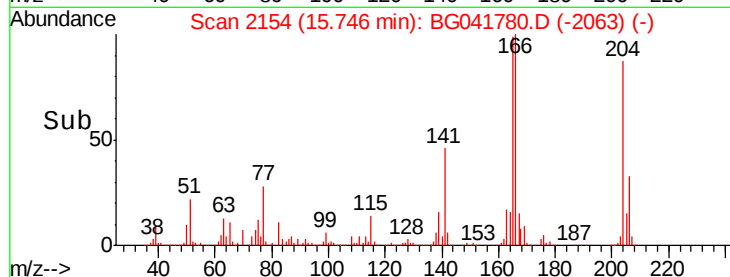
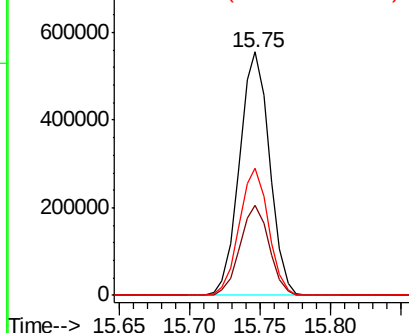


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 71.324 ng  
RT: 15.77 min Scan# 2158  
Delta R.T. 0.01 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

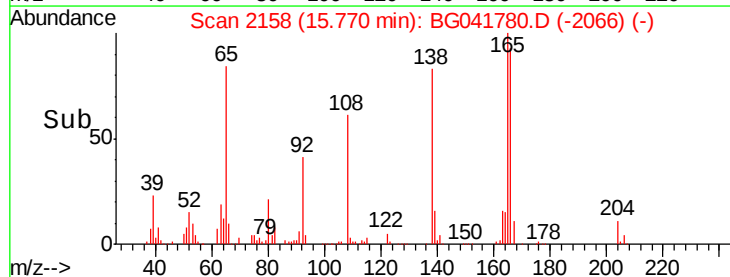
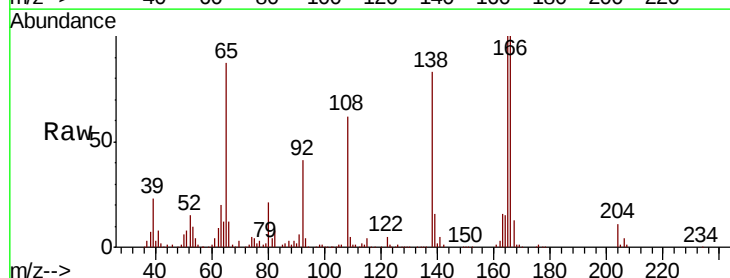
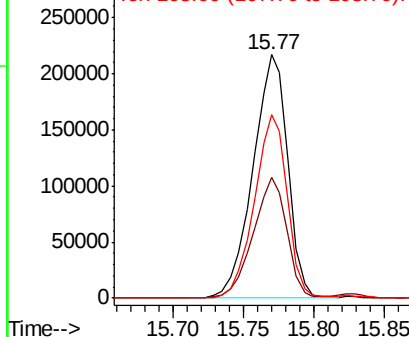
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 374600 |       |       |
| 92      | 49.7  | 29.8   | 69.8  |       |
| 108     | 75.3  | 52.2   | 92.2  |       |

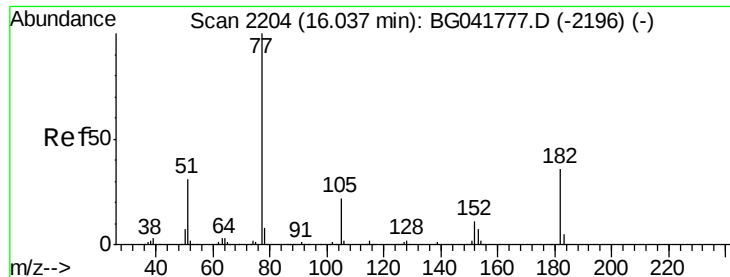
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 58.515 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 1139825

Ion Ratio Lower Upper

77 100

182 36.9 13.2 53.2

105 22.1 2.2 42.2

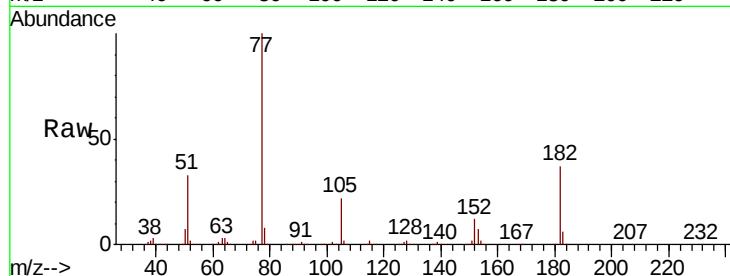
51 32.6 14.6 54.6

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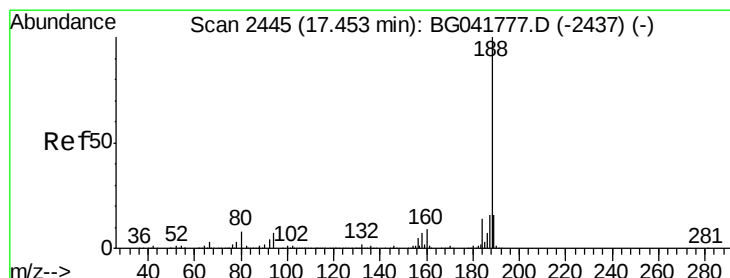
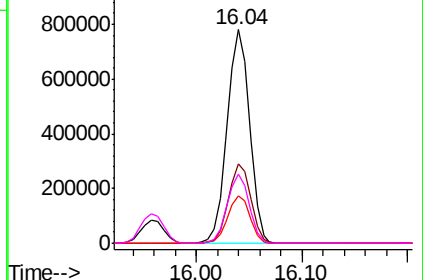
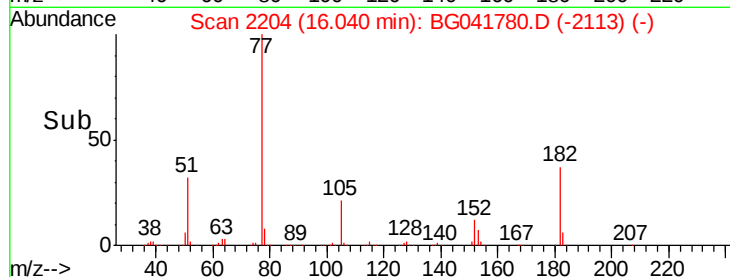


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

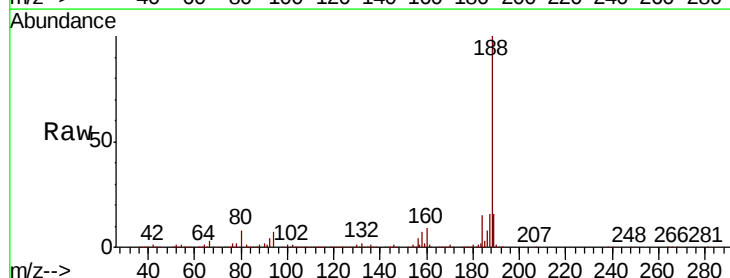
Tgt Ion: 188 Resp: 609035

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

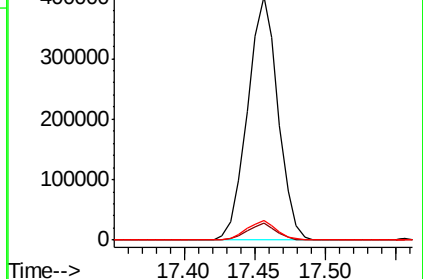
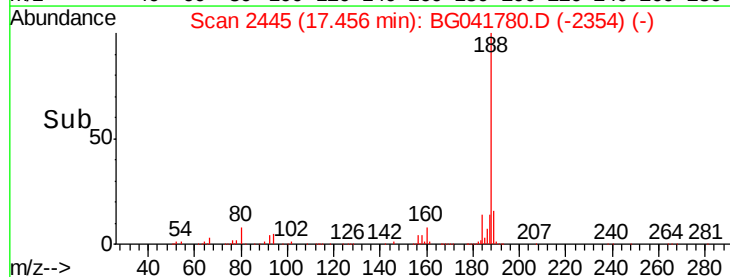
80 8.1 8.0 12.0

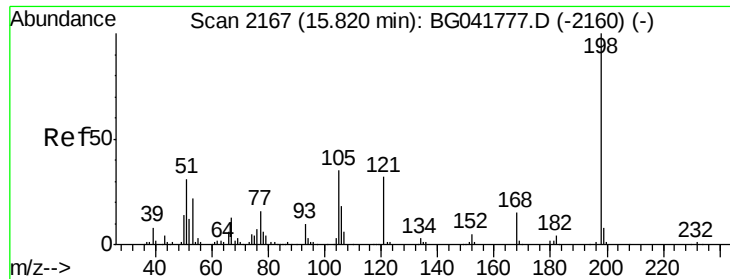


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





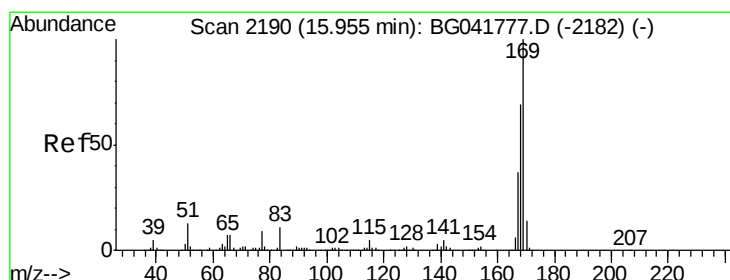
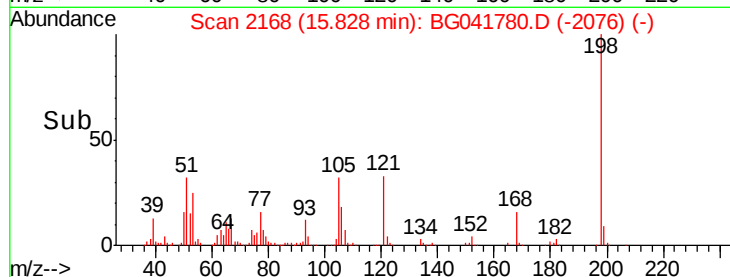
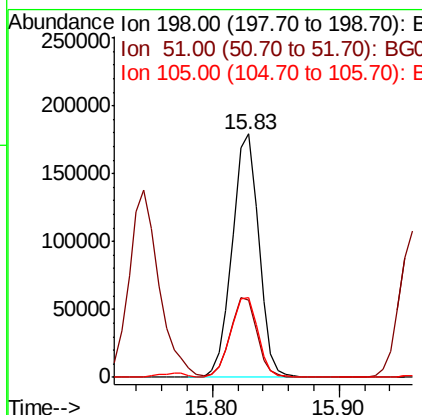
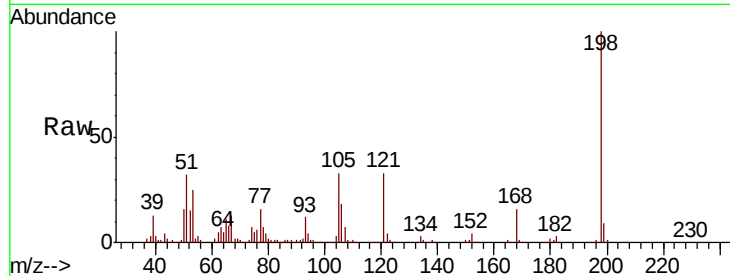
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 96.800 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. 0.01 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 259673 |       |       |
| 51      | 31.7  |        | 22.3  | 62.3  |
| 105     | 32.5  |        | 18.0  | 58.0  |

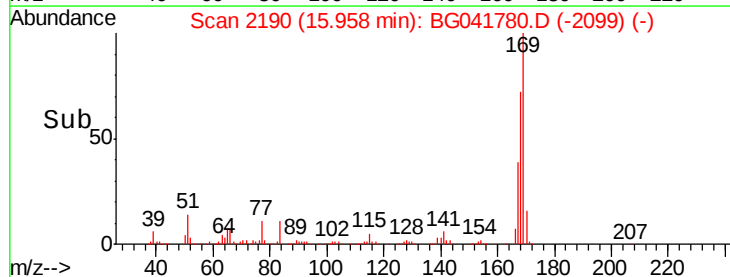
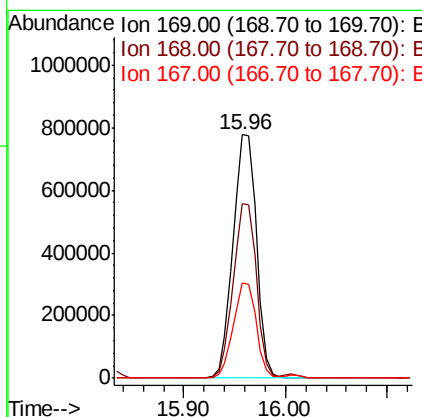
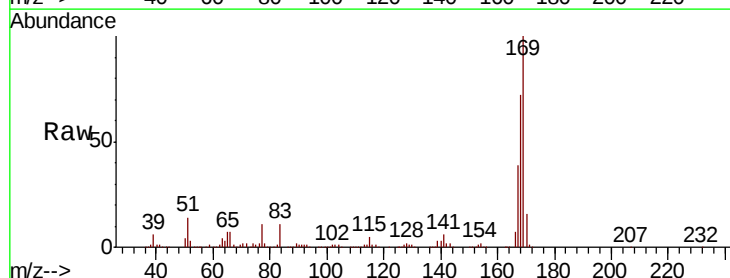
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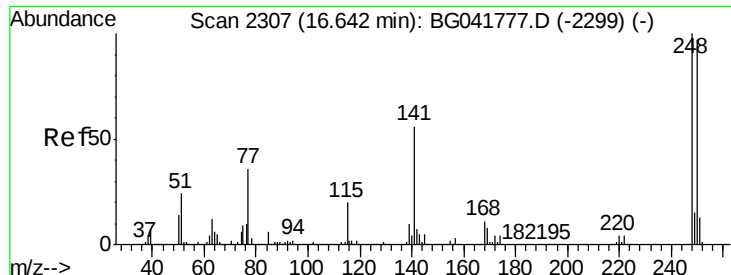
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#66  
 n-Nitrosodiphenylamine  
 Concen: 70.035 ng  
 RT: 15.96 min Scan# 2190  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1252581 |       |       |
| 168     | 71.9  |         | 56.9  | 85.3  |
| 167     | 39.1  |         | 31.5  | 47.3  |





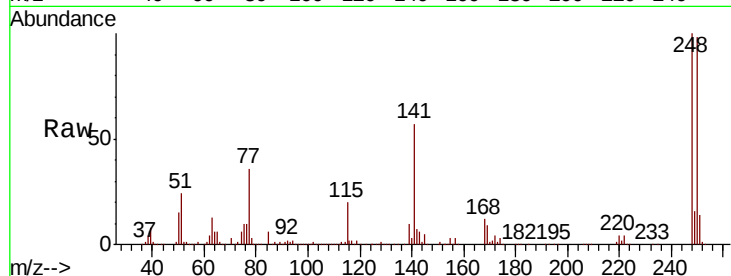
#67  
 4-Bromophenyl-phenylether  
 Concen: 81.053 ng  
 RT: 16.65 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 78.1  | 117.1 |
| 141     | 57.1  | 49.6  | 74.4  |

Manual Integrations  
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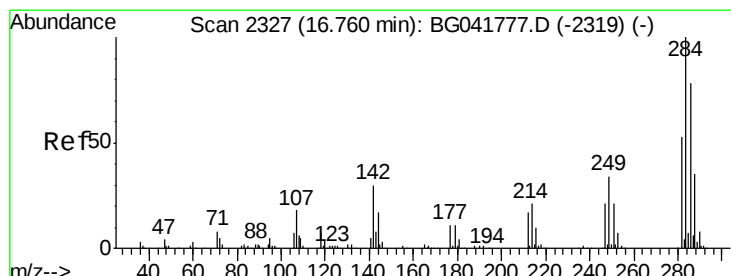
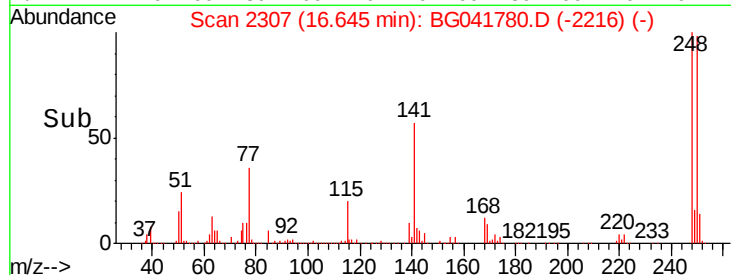
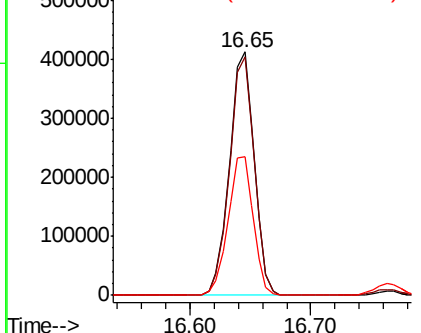


Abundance

Ion 248.00 (247.70 to 248.70): E

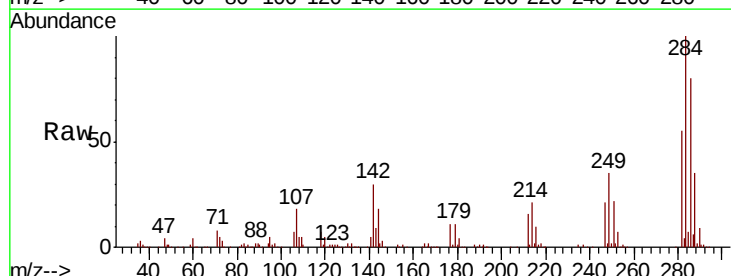
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 84.106 ng  
 RT: 16.76 min Scan# 2327  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.1  | 27.0  | 40.6  |
| 249     | 34.7  | 28.4  | 42.6  |

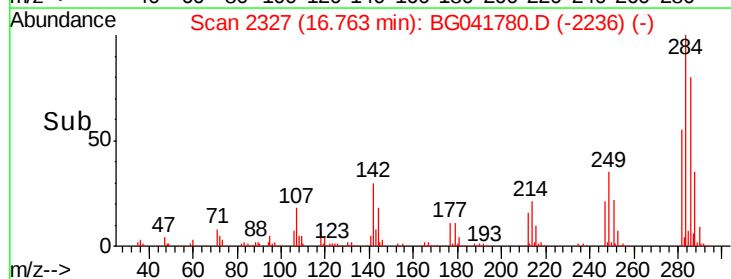
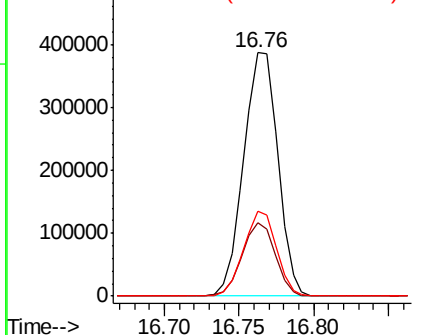


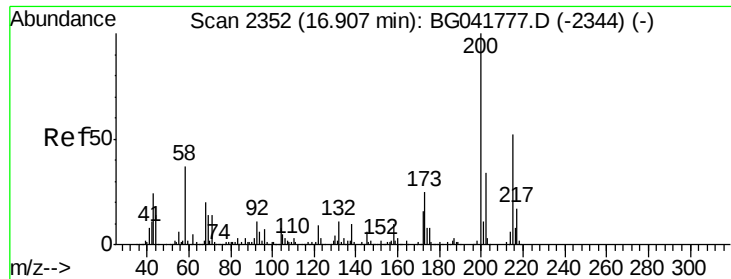
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





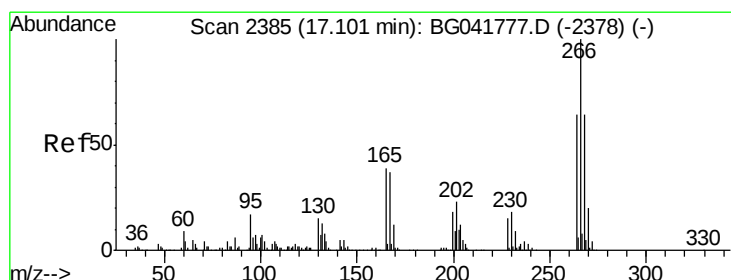
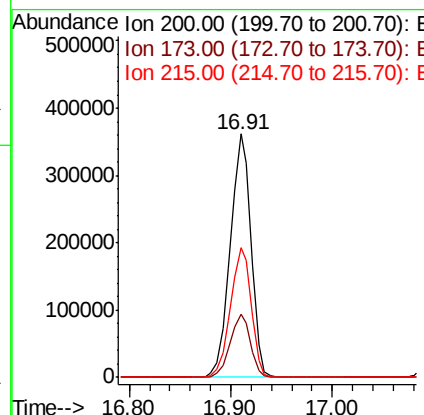
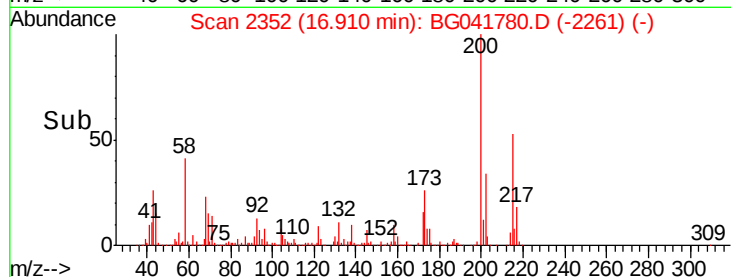
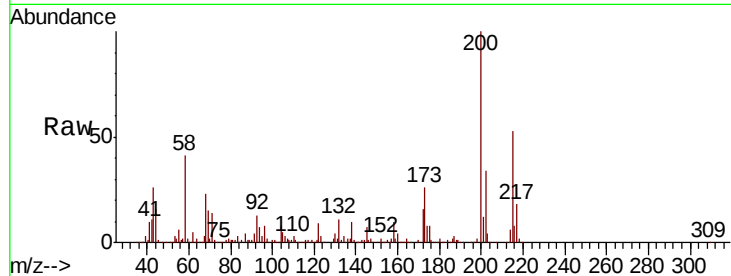
#69  
Atrazine  
Concen: 78.711 ng  
RT: 16.91 min Scan# 2352  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.9  | 5.3   | 45.3  |
| 215     | 53.2  | 31.8  | 71.8  |

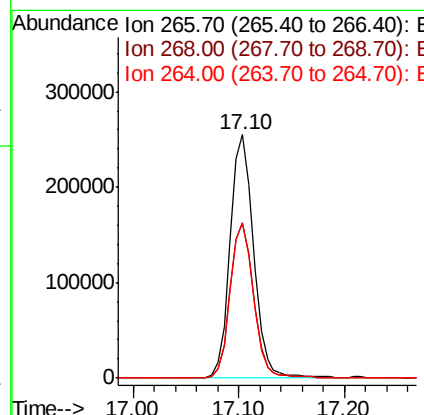
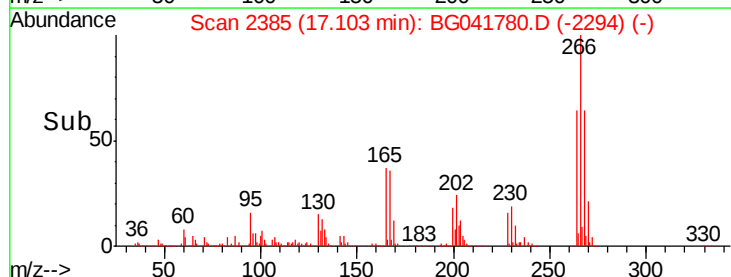
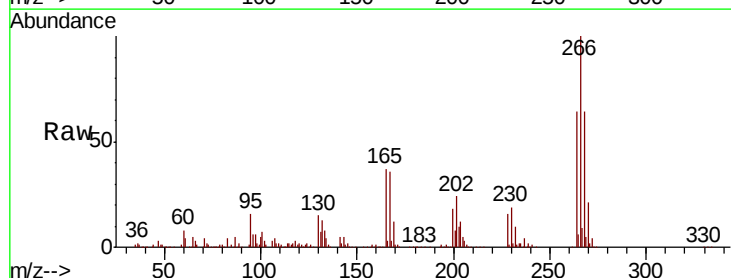
Manual Integrations  
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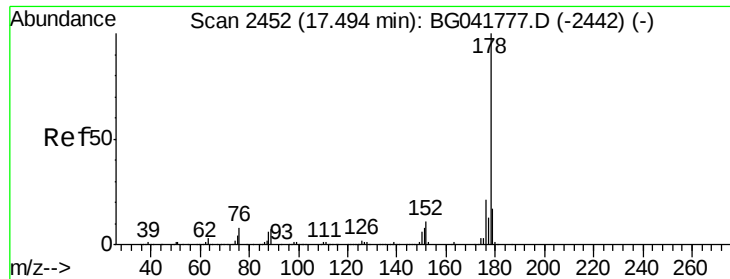
mohammad  
7/29/2019 5:30:22 PM



#70  
Pentachlorophenol  
Concen: 85.965 ng  
RT: 17.10 min Scan# 2385  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 52.9  | 79.3  |
| 264     | 63.6  | 51.4  | 77.2  |





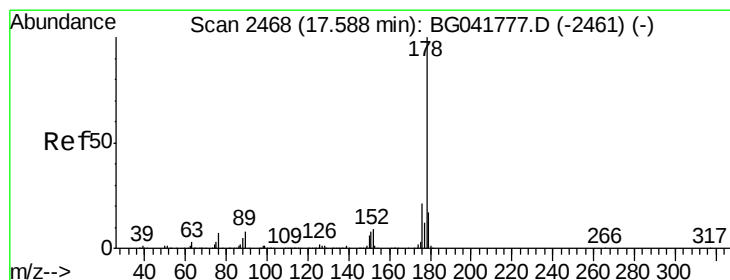
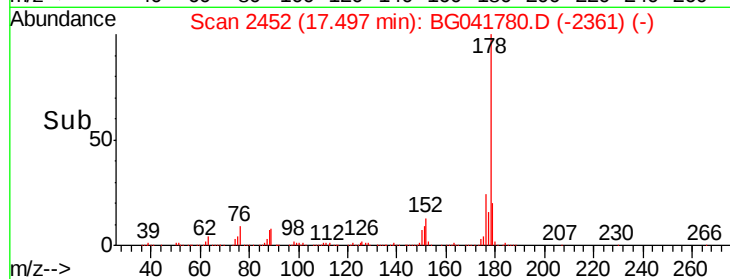
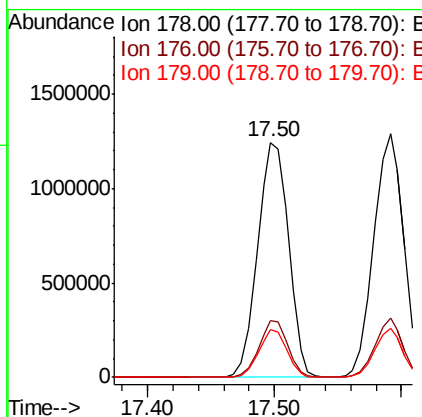
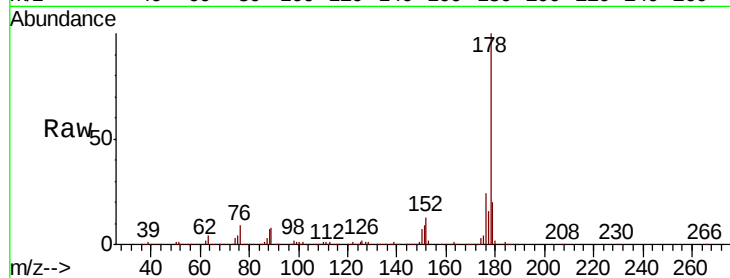
#71  
Phenanthrene  
Concen: 68.956 ng  
RT: 17.50 min Scan# 2452  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 24.3  | 18.6  | 28.0  |
| 179     | 20.1  | 15.4  | 23.0  |

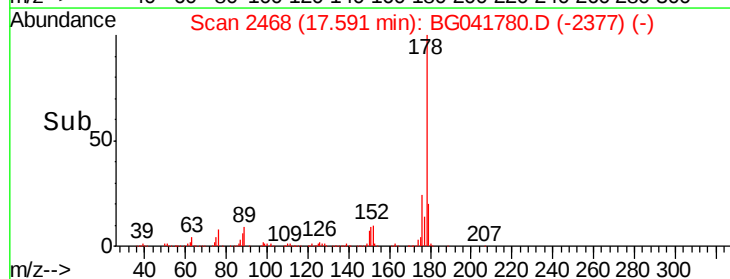
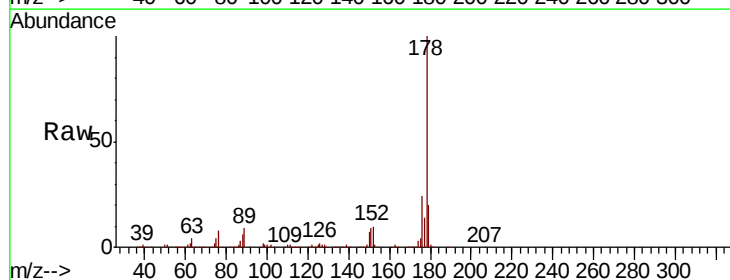
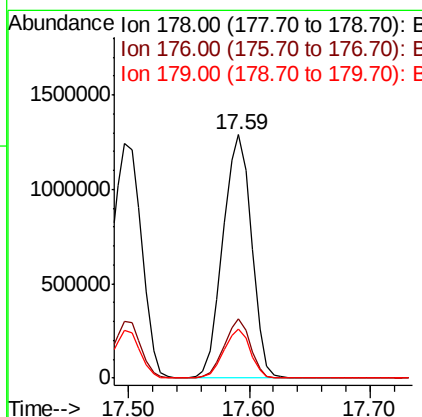
Manual Integrations  
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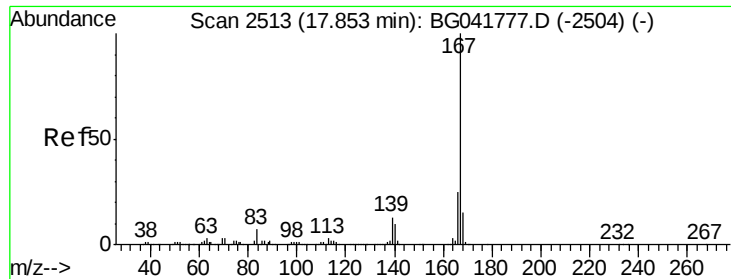
mohammad  
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#72  
Anthracene  
Concen: 69.150 ng  
RT: 17.59 min Scan# 2468  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 24.1  | 18.6  | 28.0  |
| 179     | 20.1  | 15.1  | 22.7  |





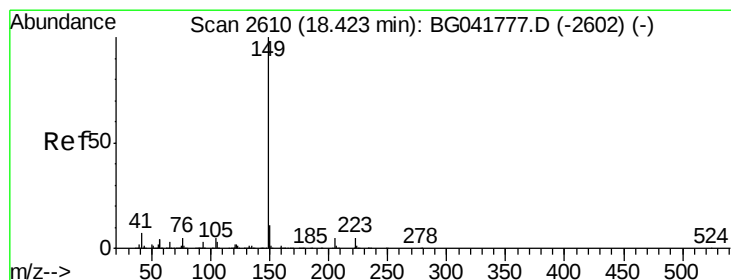
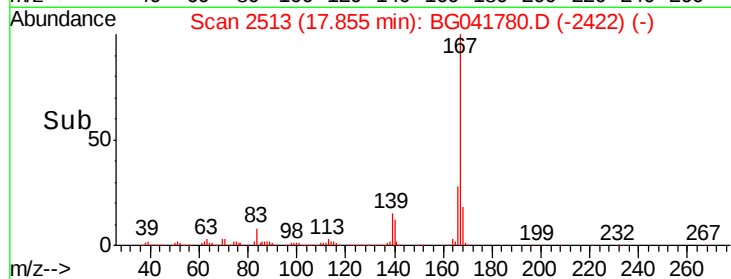
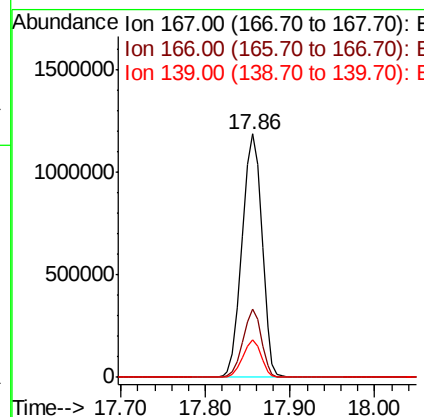
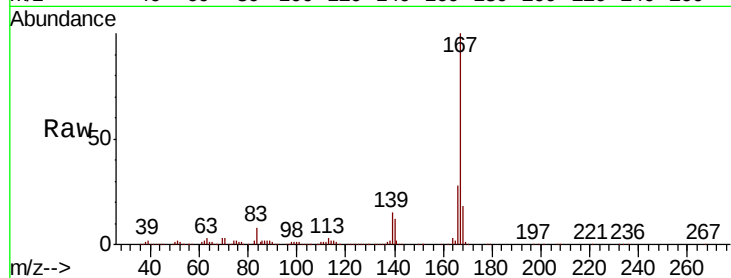
#73  
 Carbazole  
 Concen: 67.505 ng  
 RT: 17.86 min Scan# 2513  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 28.0  | 21.4  | 32.2  |
| 139     | 15.2  | 12.1  | 18.1  |

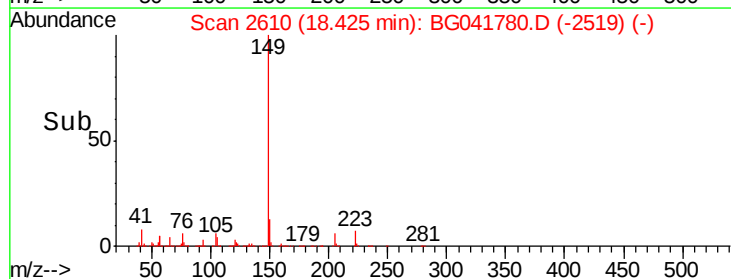
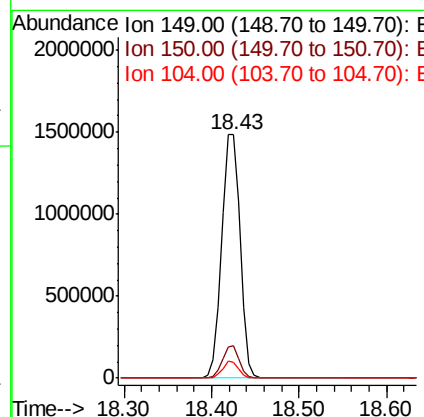
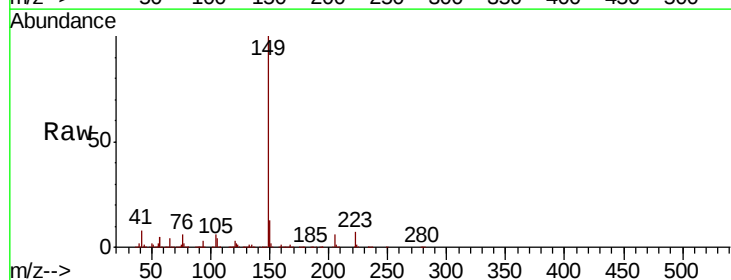
Manual Integrations  
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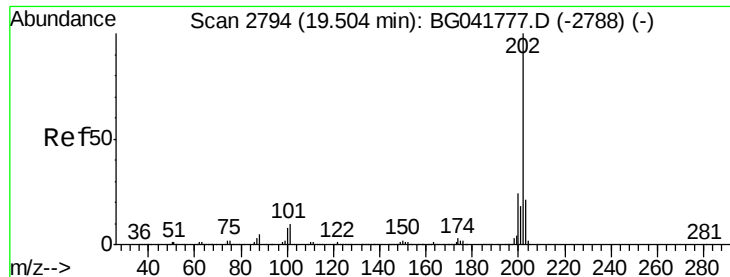
mohammad  
 7/29/2019 5:30:22 PM



#74  
 Di-n-butylphthalate  
 Concen: 63.087 ng  
 RT: 18.43 min Scan# 2610  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 13.4  | 10.2  | 15.2  |
| 104     | 6.4   | 5.3   | 7.9   |





#75

Fluoranthene

Concen: 65.787 ng

RT: 19.51 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

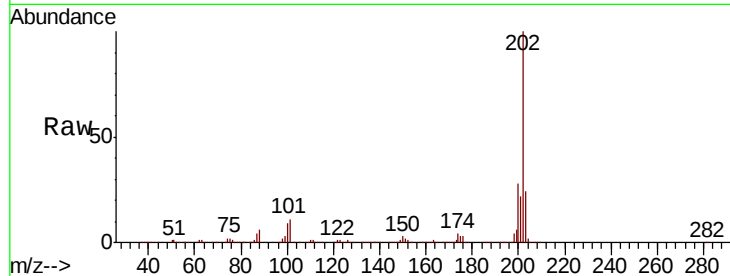
ClientSampleId :

SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.4  | 0.0   | 32.8  |
| 203     | 24.5  | 3.7   | 43.7  |

Manual Integrations  
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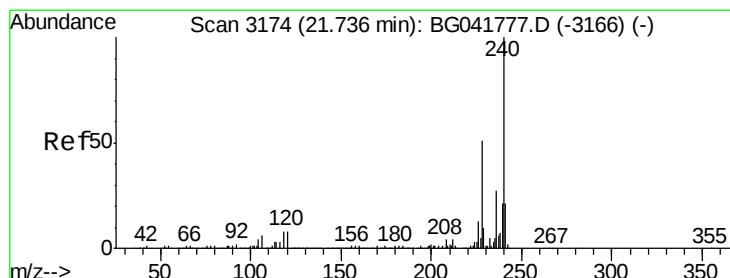
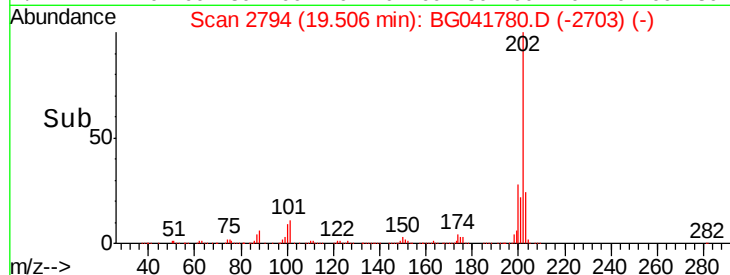
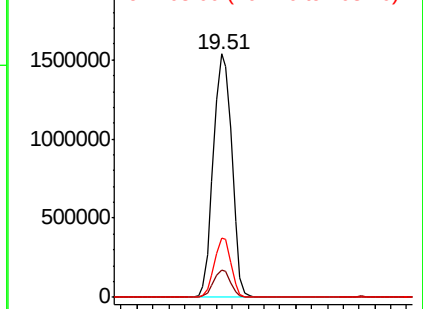


Abundance

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

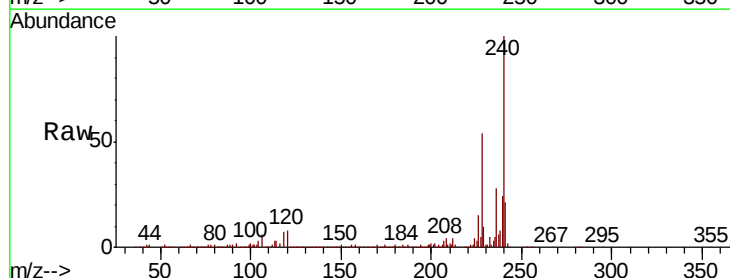
RT: 21.75 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.8   | 8.0   | 12.0# |
| 236     | 27.6  | 22.6  | 33.8  |

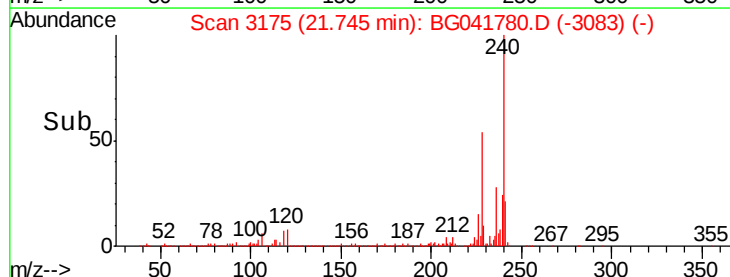
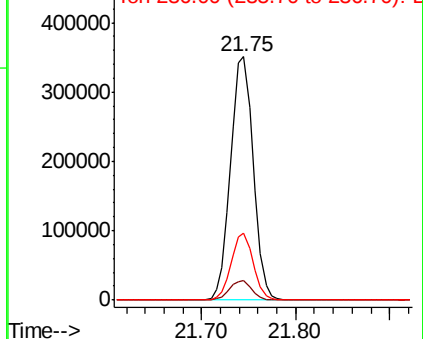


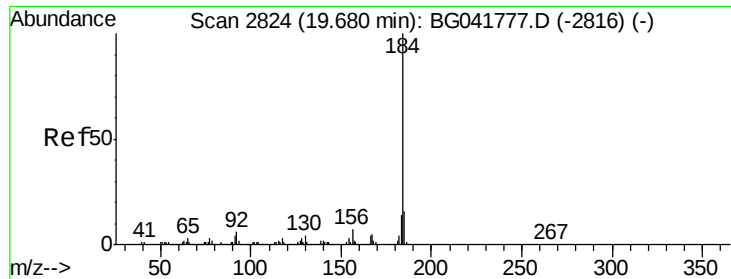
Abundance

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: 71.486 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 1419065

Ion Ratio Lower Upper

184 100

185 18.9 13.0 19.4

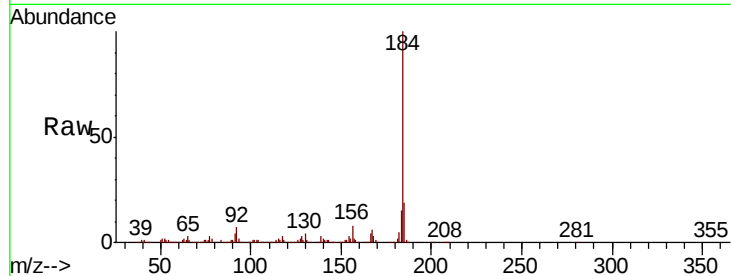
183 15.3 11.8 17.6

Manual Integrations

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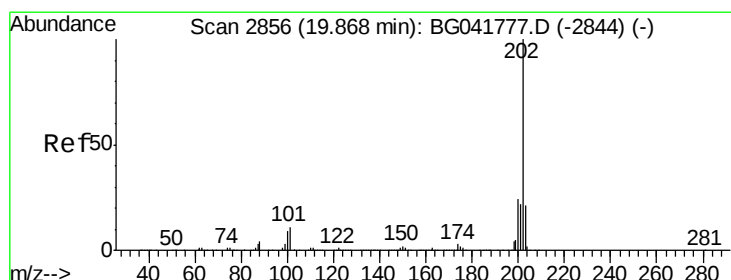
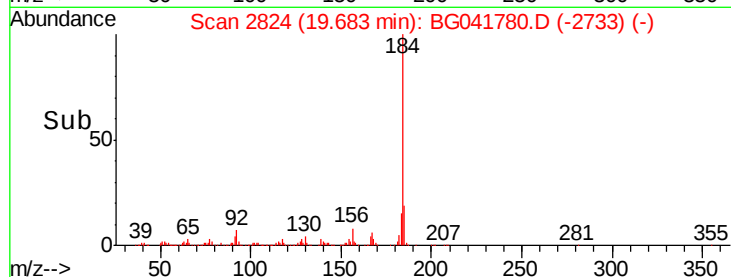
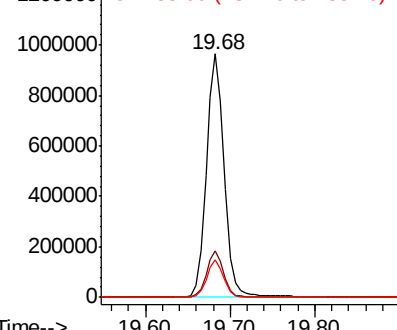


Abundance

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: 62.226 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

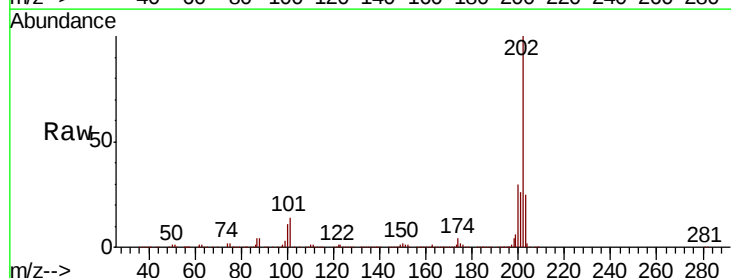
Tgt Ion:202 Resp: 2480171

Ion Ratio Lower Upper

202 100

200 29.5 22.2 33.2

203 25.1 18.9 28.3

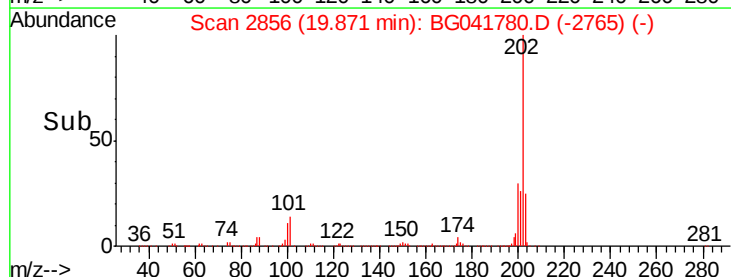
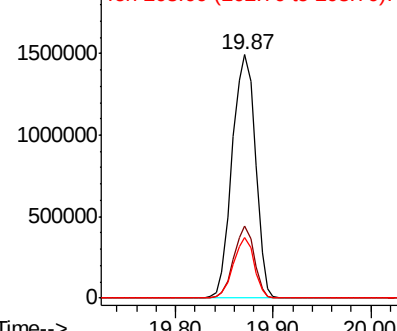


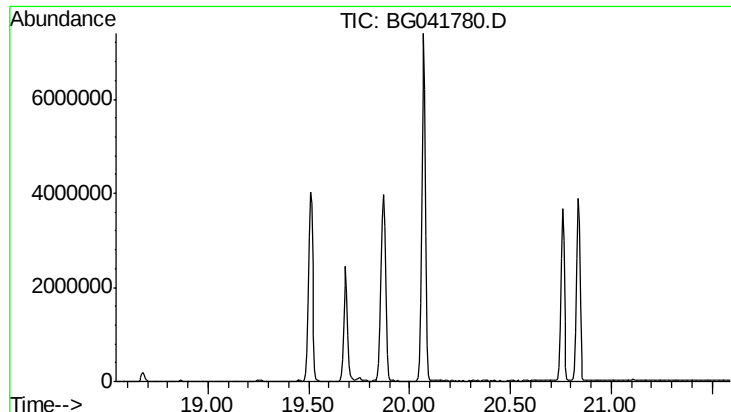
Abundance

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: 0.000 ng

Expected RT: 20.07 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Tot Ion: 244

Sig Exp Ratio

244 100

212 12.1

122 15.6

Instrument :

BNA\_G

ClientSampleId :

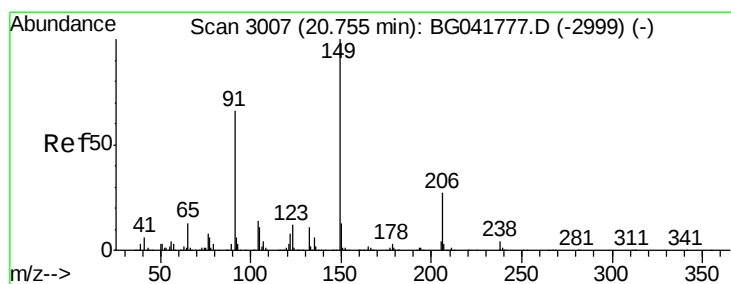
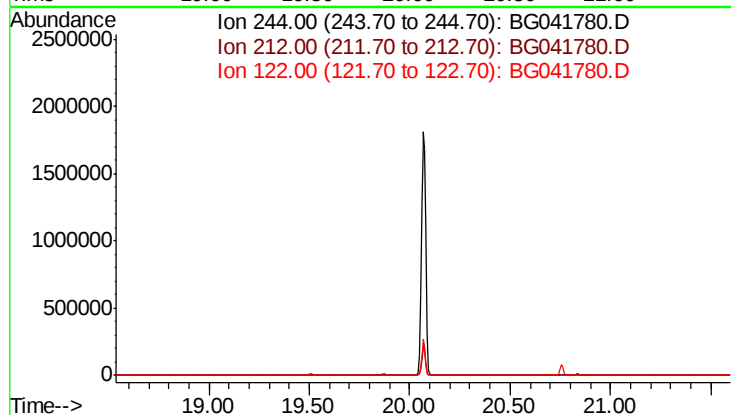
SSTDICC080

Manual Integrations

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#80

Butylbenzylphthalate

Concen: 65.295 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

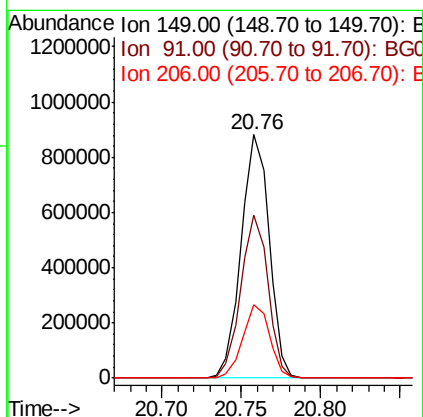
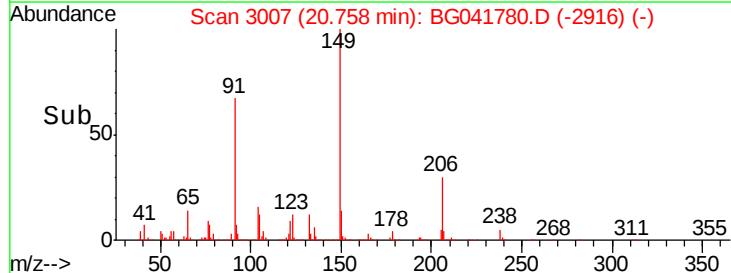
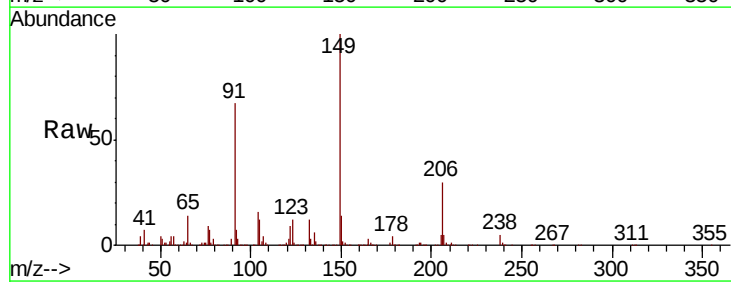
Tgt Ion:149 Resp: 1081448

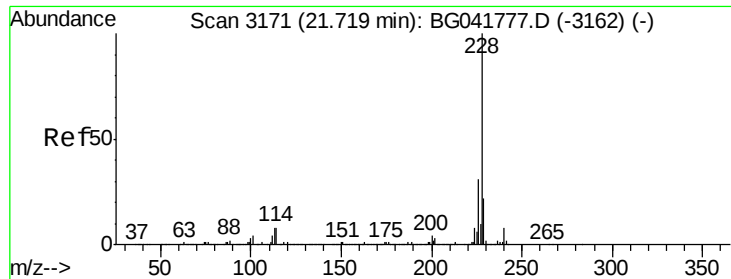
Ion Ratio Lower Upper

149 100

91 66.9 58.9 88.3

206 29.9 20.8 31.2





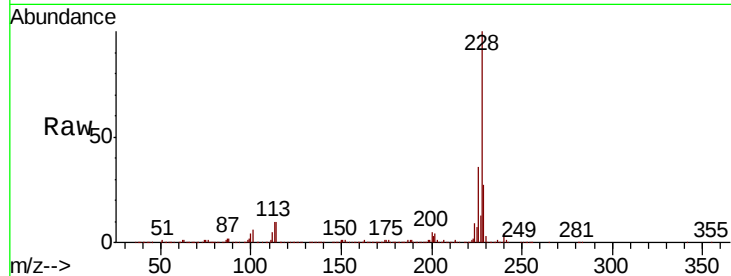
#81  
Benzo(a)anthracene  
Concen: 65.979 ng  
RT: 21.72 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 36.1  | 27.3  | 40.9  |
| 229     | 27.1  | 19.7  | 29.5  |

Manual Integrations  
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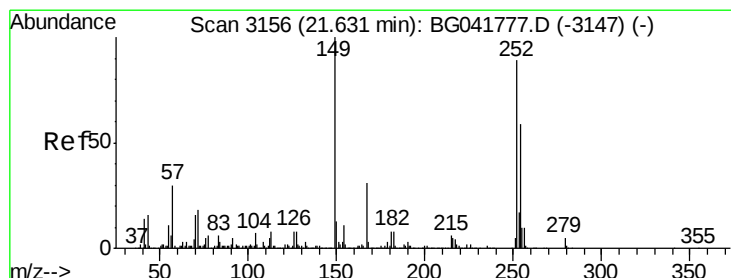
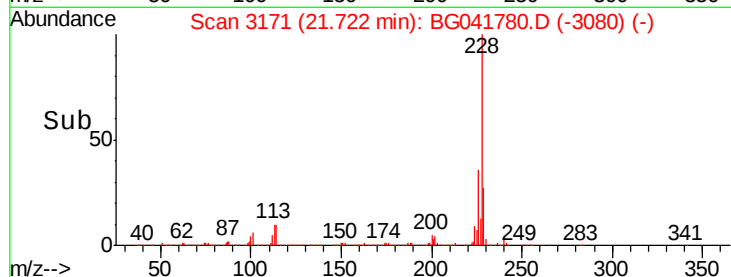
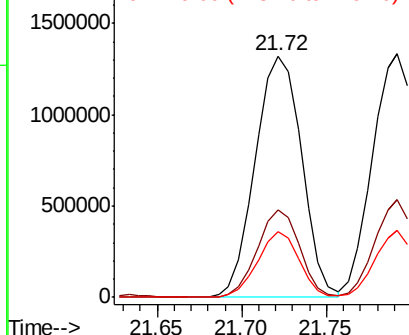


Abundance

Ion 228.00 (227.70 to 228.70): E

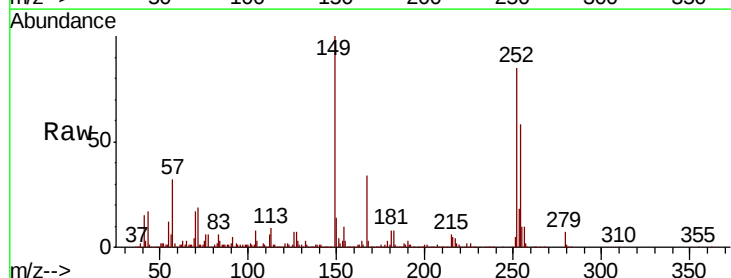
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82  
3,3'-Dichlorobenzidine  
Concen: 72.393 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.9  | 53.8  | 80.6  |
| 126     | 8.5   | 7.8   | 11.8  |

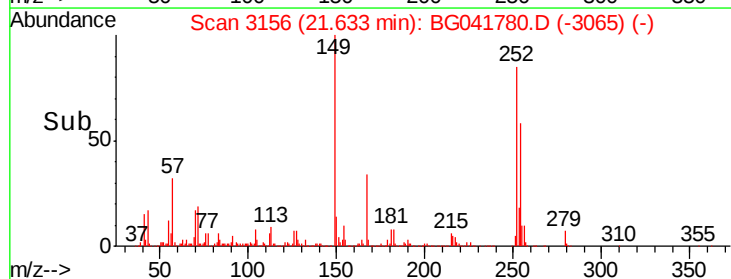
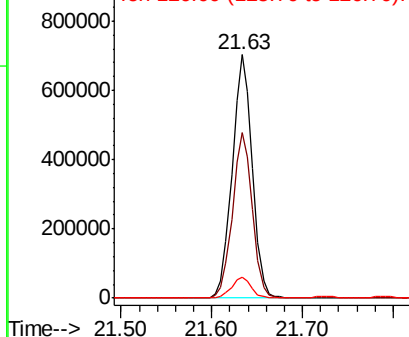


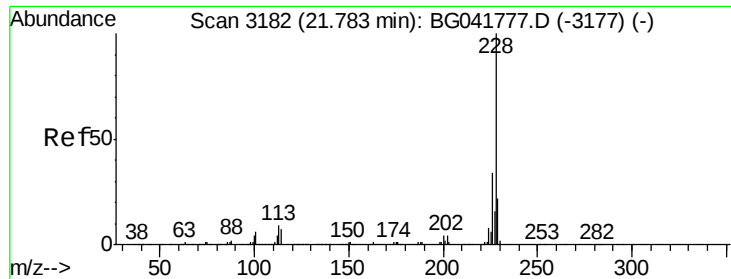
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





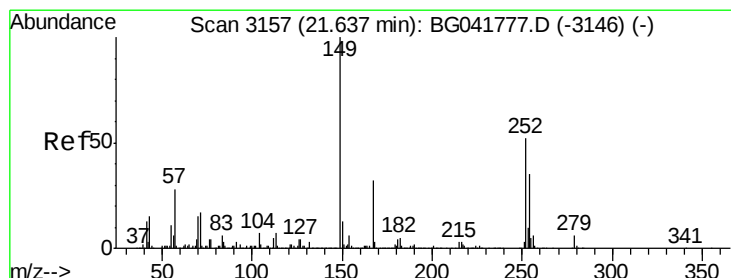
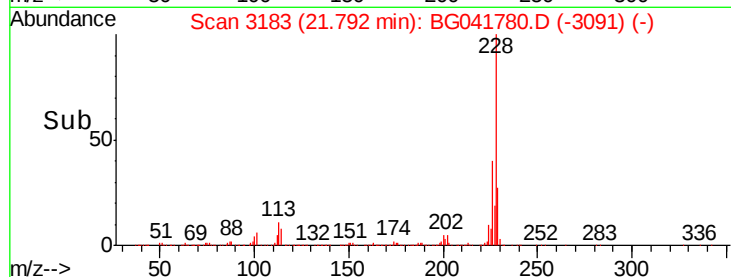
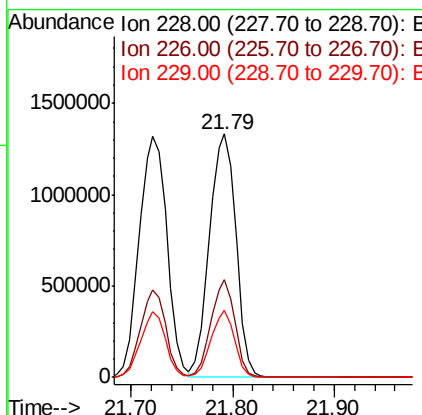
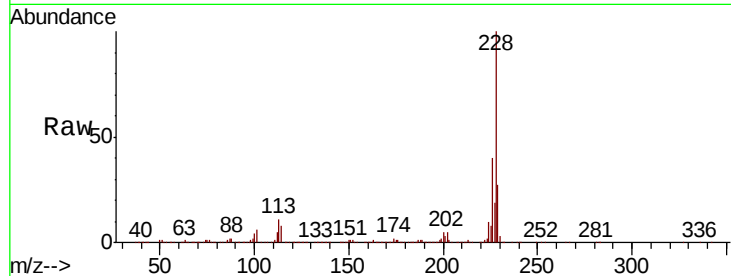
#83  
 Chrysene  
 Concen: 66.220 ng  
 RT: 21.79 min Scan# 3183  
 Delta R.T. 0.01 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Tot Ion:228 Resp: 2409313  
 Ion Ratio Lower Upper  
 228 100  
 226 39.9 30.1 45.1  
 229 27.3 19.8 29.6

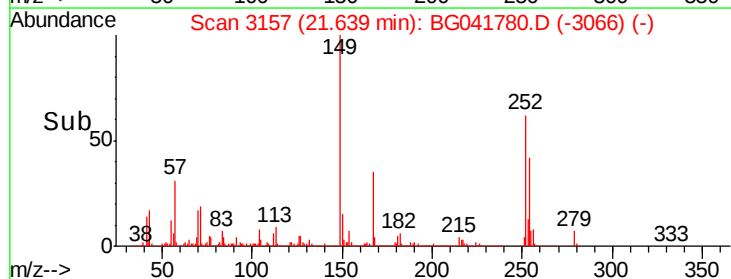
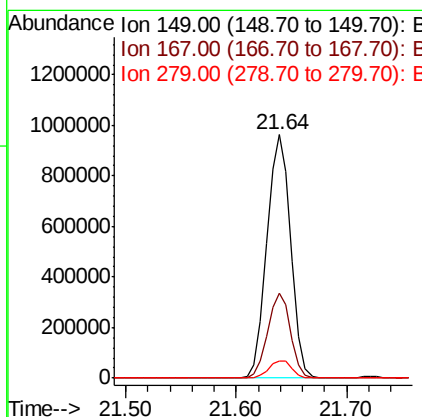
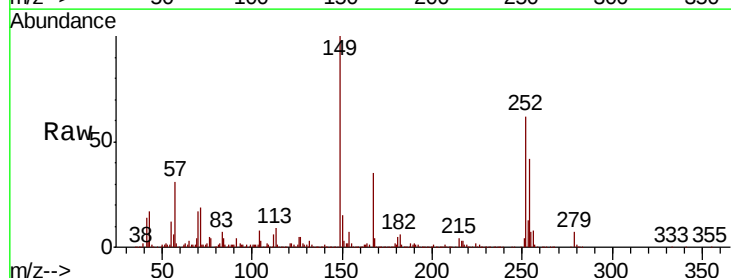
Manual Integrations  
 APPROVED

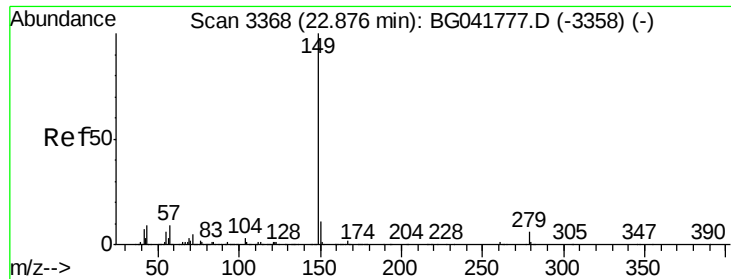
mohammad  
 7/29/2019 5:30:22 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 61.921 ng  
 RT: 21.64 min Scan# 3157  
 Delta R.T. 0.00 min  
 Lab File: BG041780.D  
 Acq: 27 Jul 2019 17:02

Tgt Ion:149 Resp: 1448016  
 Ion Ratio Lower Upper  
 149 100  
 167 35.0 27.0 40.4  
 279 7.2 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 61.837 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 2462611

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

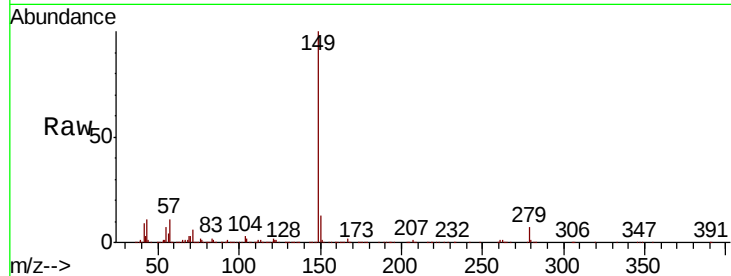
43 10.2 10.6 16.0#

Manual Integrations

APPROVED

mohammad

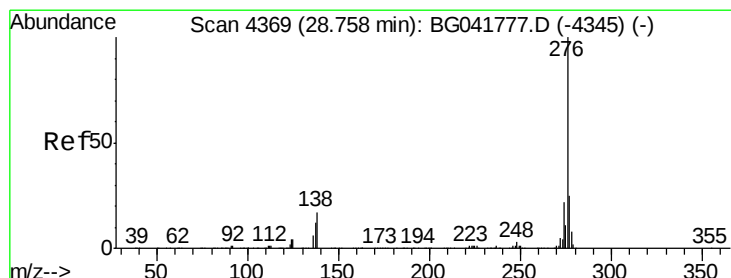
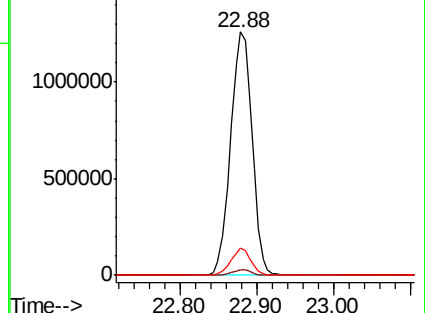
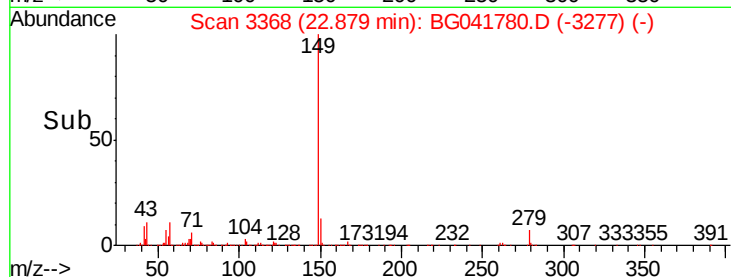
7/29/2019 5:30:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 73.604 ng

RT: 28.78 min Scan# 4373

Delta R.T. 0.03 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

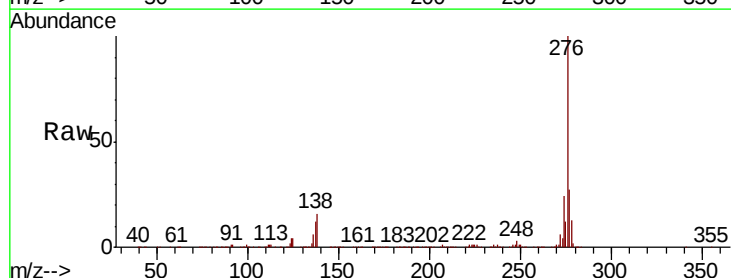
Tgt Ion:276 Resp: 3533484

Ion Ratio Lower Upper

276 100

138 14.4 19.4 29.0#

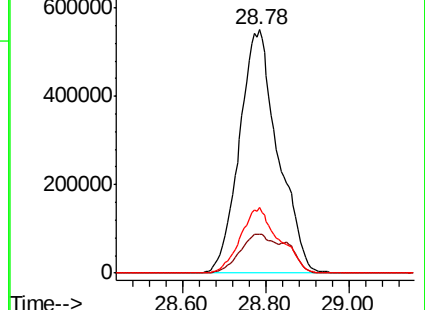
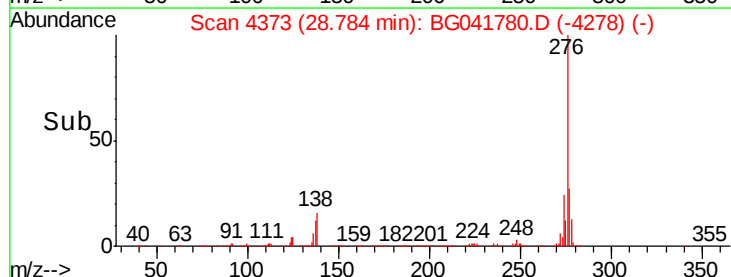
277 27.1 21.2 31.8

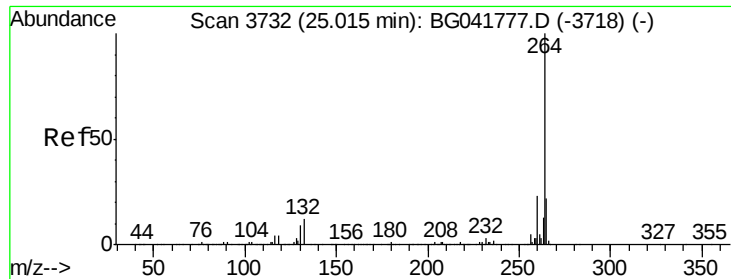


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





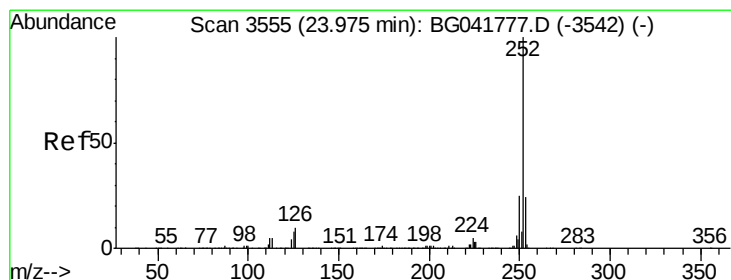
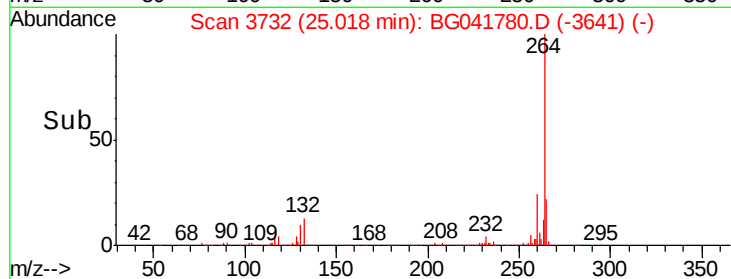
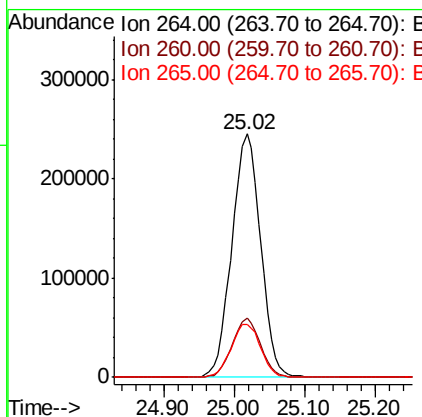
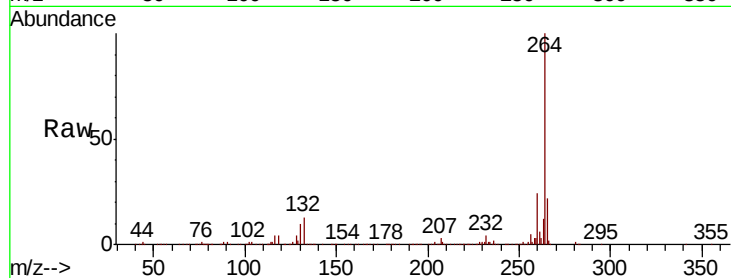
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3732  
Delta R.T. 0.00 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 694474  | 264 | 100   |       |       |
|         | 260 | 24.2  | 19.5  | 29.3  |
|         | 265 | 21.8  | 18.0  | 27.0  |

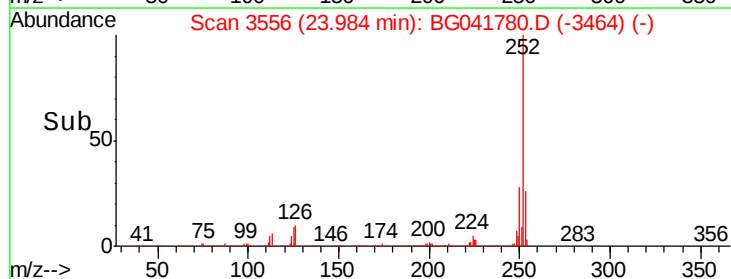
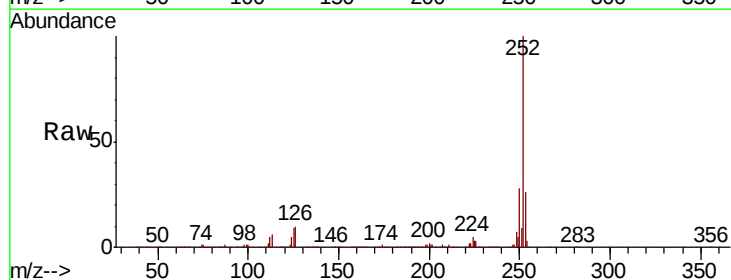
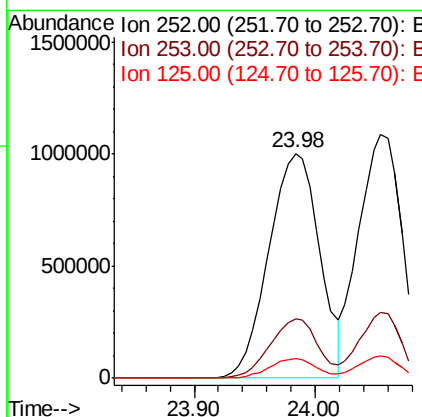
Manual Integrations  
APPROVED

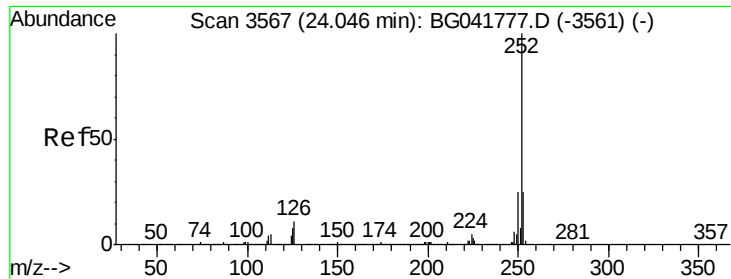
mohammad  
7/29/2019 5:30:22 PM



#88  
Benzo(b)fluoranthene  
Concen: 69.326 ng  
RT: 23.98 min Scan# 3556  
Delta R.T. 0.01 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 2920344 | 252 | 100   |       |       |
|         | 253 | 26.2  | 20.6  | 30.8  |
|         | 125 | 8.7   | 8.0   | 12.0  |





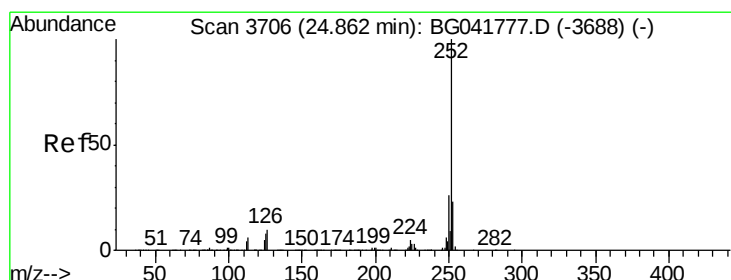
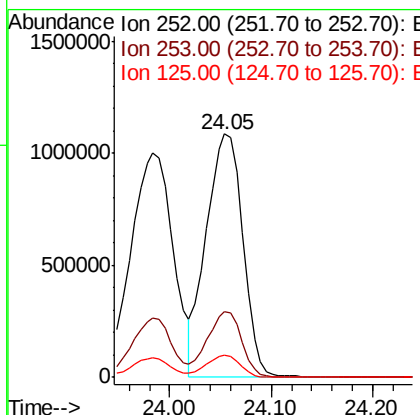
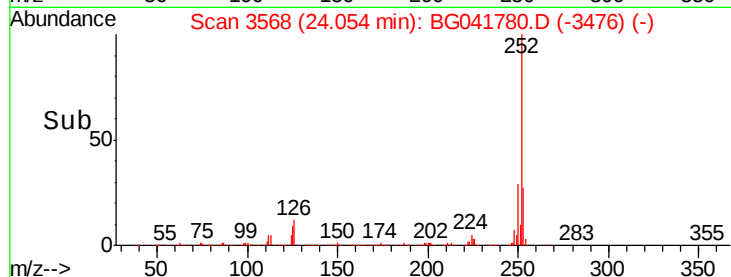
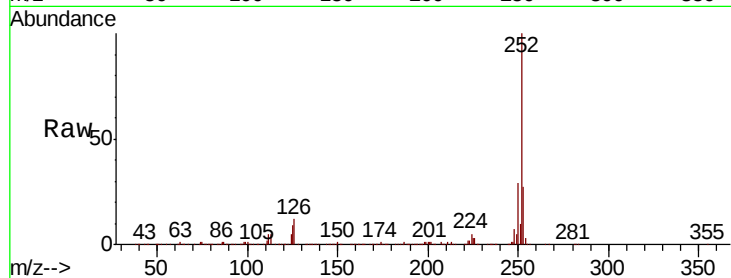
#89  
Benzo(k)fluoranthene  
Concen: 69.714 ng  
RT: 24.05 min Scan# 3568  
Delta R.T. 0.01 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 27.2  | 20.5  | 30.7  |
| 125     | 9.3   | 8.4   | 12.6  |

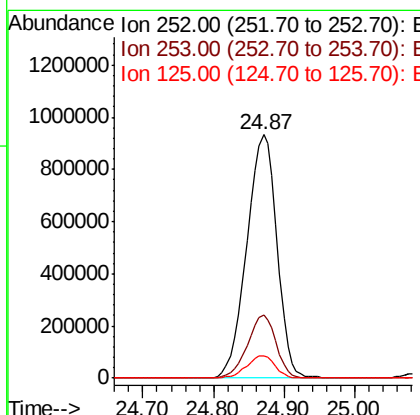
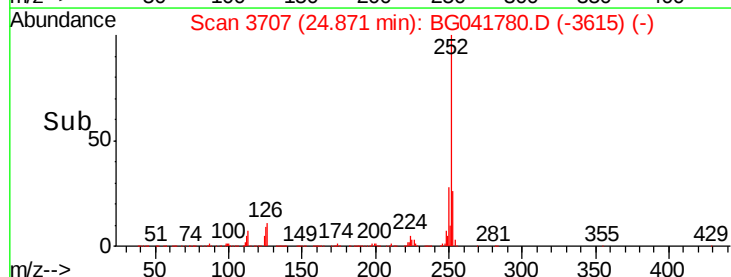
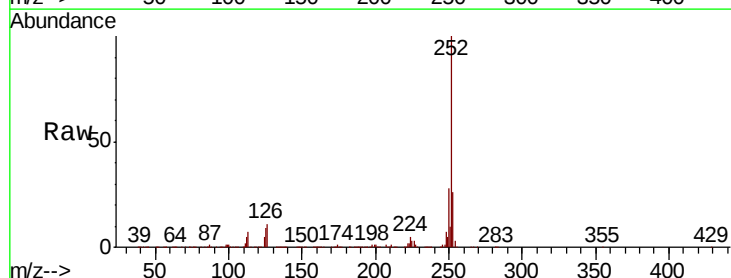
Manual Integrations  
APPROVED

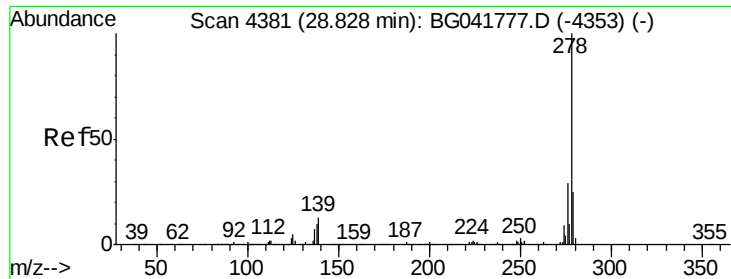
mohammad  
7/29/2019 5:30:22 PM



#90  
Benzo(a)pyrene  
Concen: 69.800 ng  
RT: 24.87 min Scan# 3707  
Delta R.T. 0.01 min  
Lab File: BG041780.D  
Acq: 27 Jul 2019 17:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 26.0  | 19.8  | 29.8  |
| 125     | 9.2   | 8.8   | 13.2  |





#91

Dibenzo(a,h)anthracene

Concen: 72.433 ng

RT: 28.85 min Scan# 4385

Delta R.T. 0.03 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:278 Resp: 2799102

Ion Ratio Lower Upper

278 100

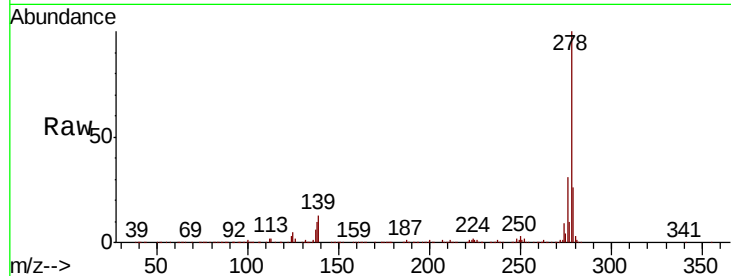
139 12.6 12.6 19.0#

279 26.0 20.5 30.7

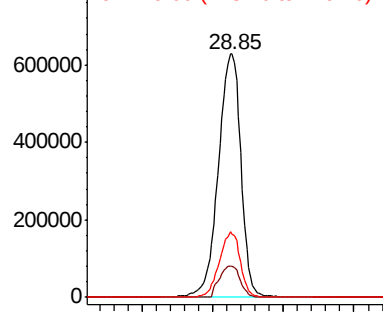
Manual Integrations  
APPROVED

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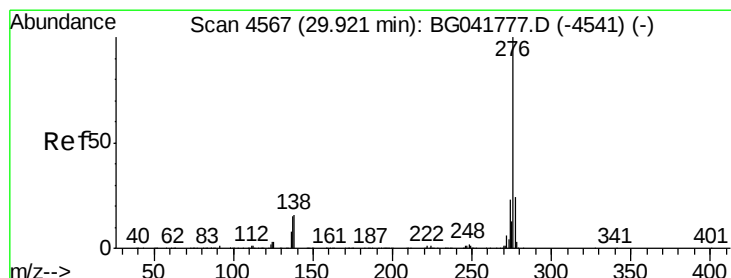
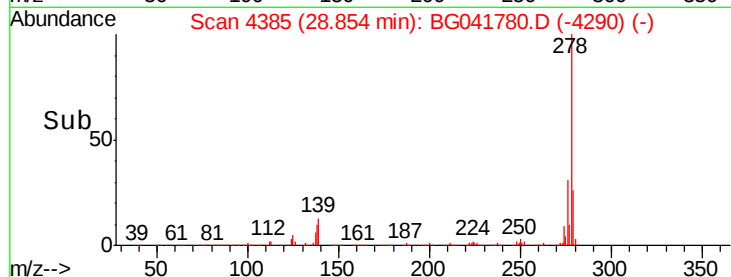
7/29/2019 5:30:22 PM



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 72.966 ng

RT: 29.95 min Scan# 4572

Delta R.T. 0.03 min

Lab File: BG041780.D

Acq: 27 Jul 2019 17:02

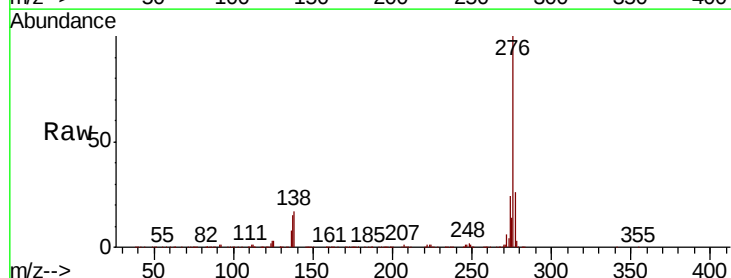
Tgt Ion:276 Resp: 2825683

Ion Ratio Lower Upper

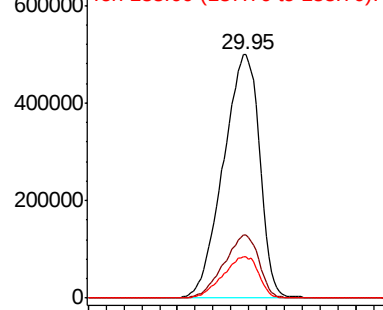
276 100

277 25.8 19.8 29.8

138 17.1 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E



Time-->

