

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\  
 Data File : BG046629.D  
 Acq On : 15 Sep 2020 18:07  
 Operator : CG/JU  
 Sample : L3867-06MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

Manual Integrations  
 APPROVED

mohammad  
 9/16/2020 10:14:14 AM

Quant Time: Sep 15 18:57:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 13:09:36 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 78181    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.72 | 136  | 329410   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.55 | 164  | 219867   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.30 | 188  | 459169   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.54 | 240  | 488576   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.64 | 264  | 497686   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.51  | 112 | 532237  | 120.58 | ng | 0.00 |
| 7) Phenol-d6             | 7.10  | 99  | 673965  | 107.71 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.08  | 82  | 499371  | 86.64  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.04 | 330 | 306674  | 102.94 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.18 | 172 | 1265668 | 87.88  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.91 | 244 | 1742849 | 75.92  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88  | 64733  | 35.250 | ng | # 57   |
| 3) Pyridine                    | 3.82  | 79  | 172814 | 32.163 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 88194  | 44.505 | ng | 94     |
| 6) Aniline                     | 7.25  | 93  | 235064 | 33.383 | ng | 100    |
| 8) 2-Chlorophenol              | 7.49  | 128 | 248121 | 53.185 | ng | 98     |
| 9) Benzaldehyde                | 7.05  | 77  | 90325  | 25.765 | ng | 96     |
| 10) Phenol                     | 7.13  | 94  | 269625 | 46.783 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.34  | 93  | 229164 | 49.467 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.81  | 146 | 258686 | 43.674 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.95  | 146 | 261821 | 44.154 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.28  | 146 | 258230 | 45.417 | ng | 100    |
| 15) Benzyl Alcohol             | 8.16  | 79  | 222398 | 55.359 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.45  | 45  | 345159 | 48.034 | ng | 99     |
| 17) 2-Methylphenol             | 8.37  | 107 | 219440 | 53.688 | ng | 98     |
| 18) Hexachloroethane           | 9.00  | 117 | 88050  | 43.794 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.73  | 70  | 195472 | 52.224 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.70  | 107 | 301283 | 53.404 | ng | 99     |
| 22) Acetophenone               | 8.74  | 105 | 368430 | 45.947 | ng | 99     |
| 24) Nitrobenzene               | 9.12  | 77  | 270899 | 47.577 | ng | 95     |
| 25) Isophorone                 | 9.65  | 82  | 537395 | 50.858 | ng | 99     |
| 26) 2-Nitrophenol              | 9.83  | 139 | 153047 | 50.945 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.90  | 122 | 248363 | 60.109 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.13 | 93  | 330121 | 48.539 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.37 | 162 | 287371 | 52.172 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.59 | 180 | 289318 | 44.269 | ng | 98     |
| 31) Naphthalene                | 10.77 | 128 | 768427 | 47.776 | ng | 98     |
| 32) Benzoic acid               | 10.06 | 122 | 55964  | 23.599 | ng | 98     |
| 33) 4-Chloroaniline            | 10.89 | 127 | 70628  | 9.958  | ng | 97     |
| 34) Hexachlorobutadiene        | 11.06 | 225 | 184475 | 43.482 | ng | 99     |
| 35) Caprolactam                | 11.66 | 113 | 59800m | 29.044 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.01 | 107 | 266017 | 49.378 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.38 | 142 | 598318 | 47.168 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.60 | 142 | 568710 | 47.331 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.75 | 216 | 358485 | 49.443 | ng | 99     |

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 13:09:36 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.73 | 237  | 368099   | 116.759 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.99 | 196  | 244030   | 49.875  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.07 | 196  | 250160   | 48.663  | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.39 | 154  | 777038   | 50.796  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.43 | 162  | 610593   | 47.078  | nq    | 100      |
| 48) 2-Nitroaniline             | 13.63 | 65   | 157291   | 43.674  | nq    | 99       |
| 49) Acenaphthylene             | 14.28 | 152  | 938608   | 47.708  | nq    | 100      |
| 50) Dimethylphthalate          | 14.01 | 163  | 734041   | 43.153  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.12 | 165  | 170284   | 45.414  | nq    | 98       |
| 52) Acenaphthene               | 14.62 | 154  | 645327m  | 52.932  | nq    |          |
| 53) 3-Nitroaniline             | 14.46 | 138  | 93711    | 23.072  | nq    | 99       |
| 54) 2,4-Dinitrophenol          | 14.67 | 184  | 148947   | 68.054  | nq    | 98       |
| 55) Dibenzofuran               | 14.95 | 168  | 902719   | 46.138  | nq    | 100      |
| 56) 4-Nitrophenol              | 14.78 | 139  | 221585   | 74.130  | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.92 | 165  | 227271   | 42.509  | nq    | 98       |
| 58) Fluorene                   | 15.60 | 166  | 728508   | 44.363  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.19 | 232  | 221021   | 44.275  | nq    | 99       |
| 60) Diethylphthalate           | 15.37 | 149  | 683718   | 41.226  | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.59 | 204  | 400203   | 44.251  | nq    | 96       |
| 62) 4-Nitroaniline             | 15.62 | 138  | 159717   | 37.268  | nq    | 97       |
| 63) Azobenzene                 | 15.89 | 77   | 603645   | 44.745  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.69 | 198  | 130384   | 50.168  | nq    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.81 | 169  | 632256   | 51.040  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.49 | 248  | 269133   | 50.239  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.61 | 284  | 279038   | 47.033  | nq    | 97       |
| 69) Atrazine                   | 16.76 | 200  | 191705   | 37.935  | nq    | 99       |
| 70) Pentachlorophenol          | 16.96 | 266  | 263653   | 85.056  | nq    | 99       |
| 71) Phenanthrene               | 17.34 | 178  | 1108156  | 47.614  | nq    | 99       |
| 72) Anthracene                 | 17.43 | 178  | 1133753  | 49.374  | nq    | 98       |
| 73) Carbazole                  | 17.70 | 167  | 1055355  | 48.678  | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.27 | 149  | 1152843  | 46.243  | nq    | 99       |
| 75) Fluoranthene               | 19.35 | 202  | 1420249  | 47.419  | nq    | 100      |
| 77) Benzidine                  | 19.53 | 184  | 247964   | 21.841  | nq    | 99       |
| 78) Pyrene                     | 19.71 | 202  | 1439398  | 46.265  | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.60 | 149  | 569103   | 46.896  | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.53 | 228  | 1416766  | 46.523  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.44 | 252  | 329243   | 29.133  | nq    | 98       |
| 83) Chrysene                   | 21.59 | 228  | 1371935  | 46.835  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.44 | 149  | 803664   | 48.528  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.61 | 149  | 1384933  | 48.839  | nq    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 28.15 | 276  | 1768639  | 49.479  | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 23.66 | 252  | 1493674  | 48.065  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.73 | 252  | 1459427  | 48.593  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.50 | 252  | 1366401  | 47.116  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.21 | 278  | 1439735  | 49.913  | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.25 | 276  | 1466953  | 50.928  | nq    | 98       |

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

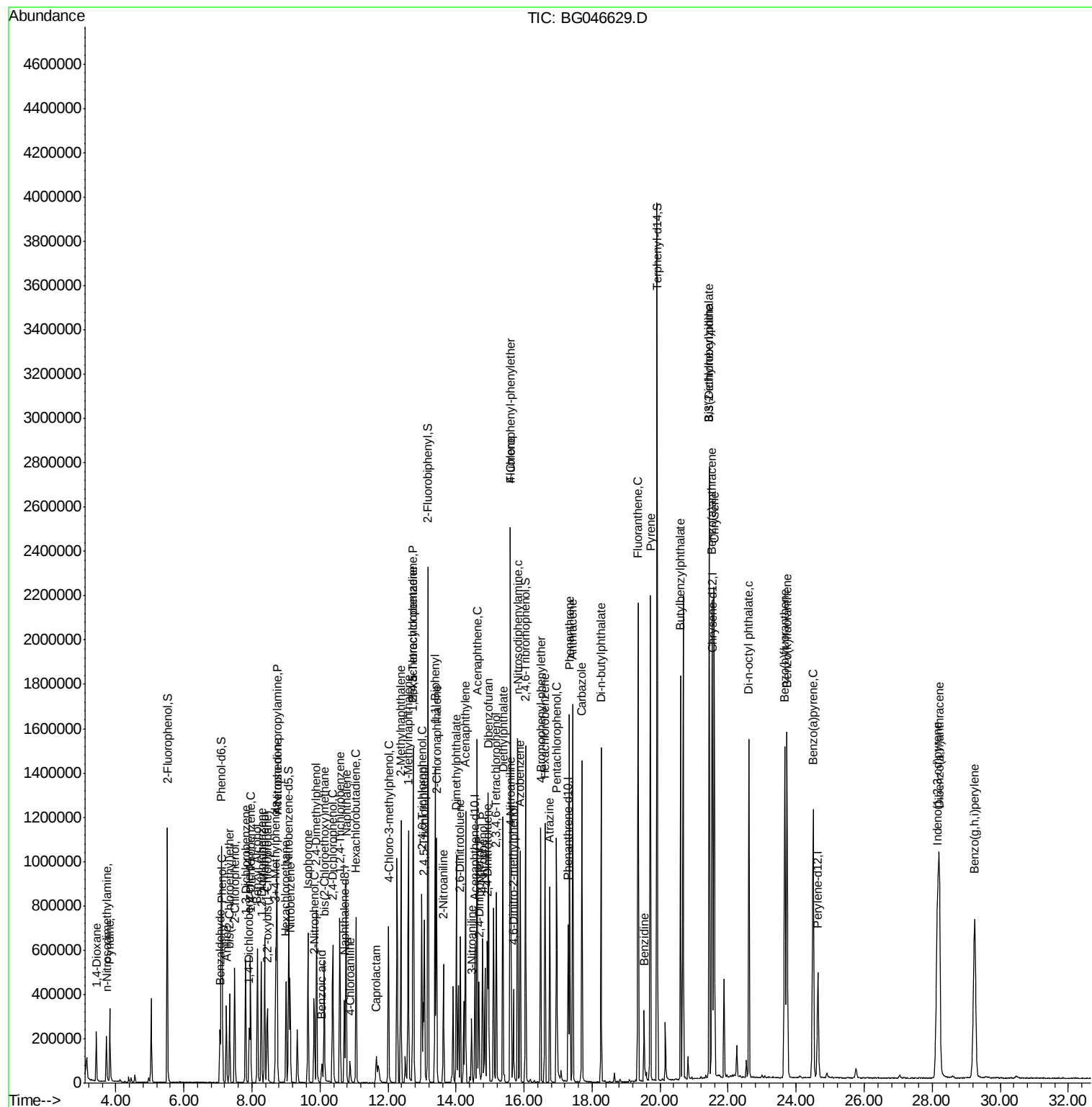
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091520\  
 Data File : BG046629.D  
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 Operator : CG/JU  
 Sample : L3867-06MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

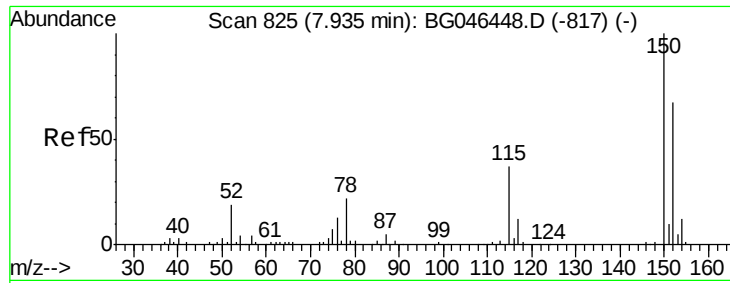
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

Manual Integrations  
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#1

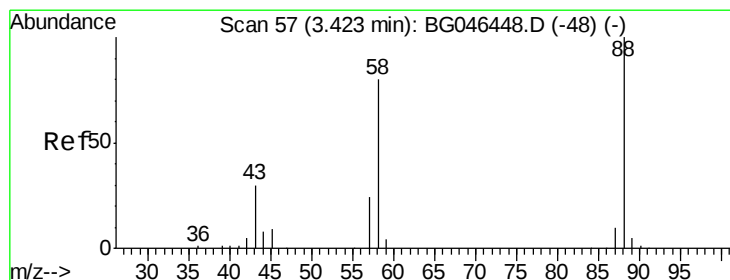
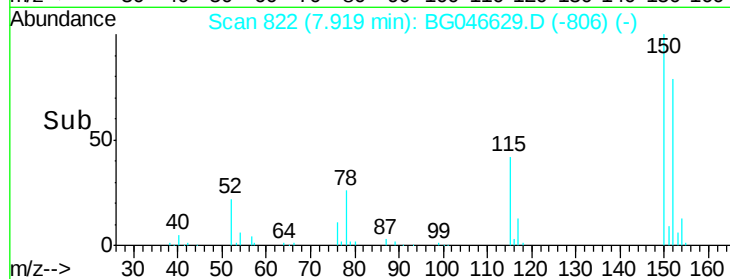
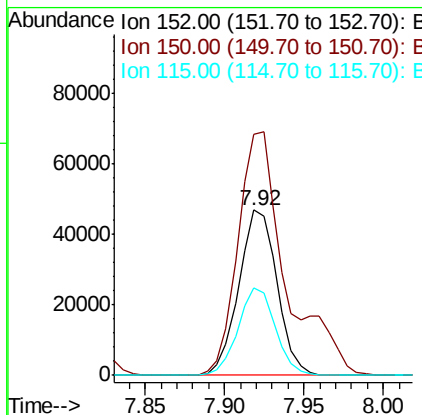
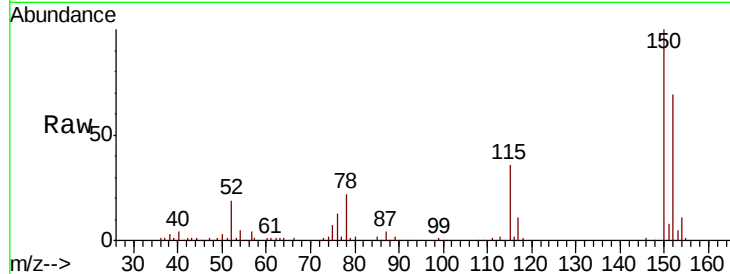
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.92 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.9 | 119.5 | 179.3 |
| 115     | 52.9  | 44.3  | 66.5  |

Manual Integrations  
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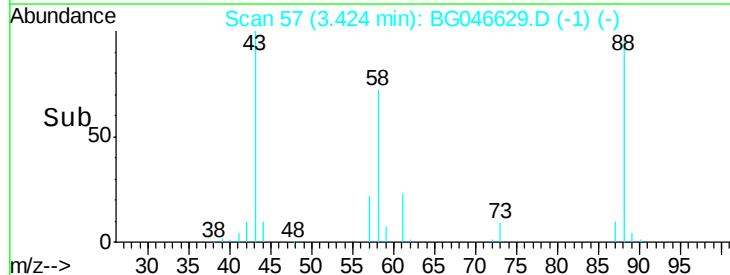
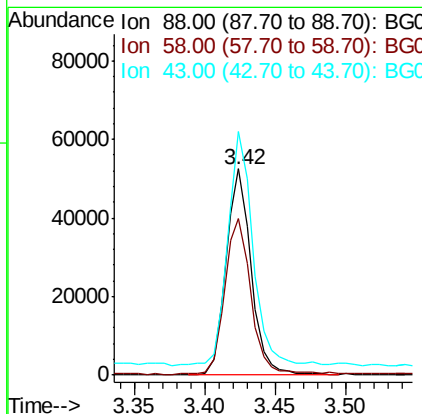
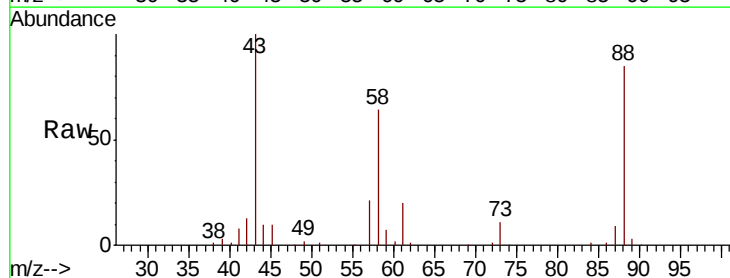
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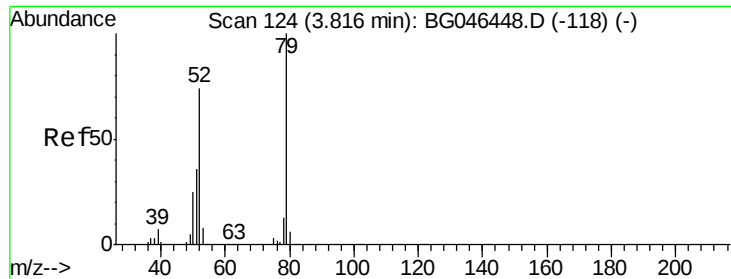


#2

1,4-Dioxane  
Concen: 35.250 ng  
RT: 3.42 min Scan# 57  
Delta R.T. 0.01 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.1  | 61.4  | 92.2  |
| 43      | 111.6 | 21.6  | 32.4  |





#3

Pvridine

Concen: 32.163 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.01 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

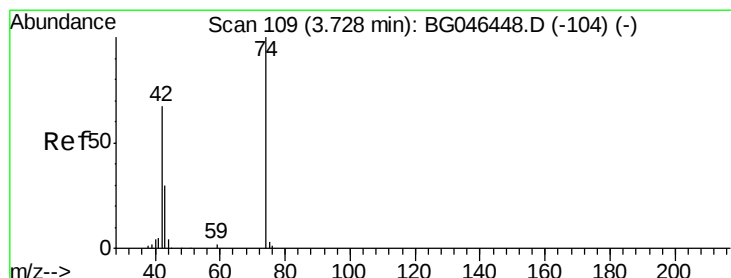
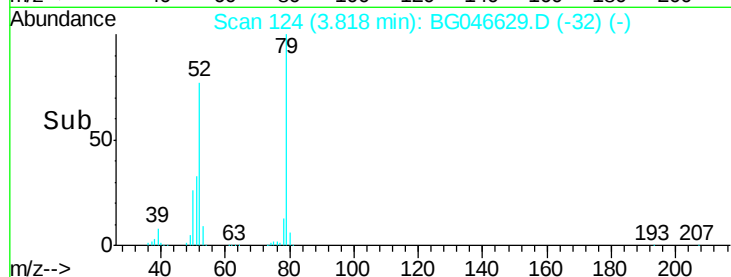
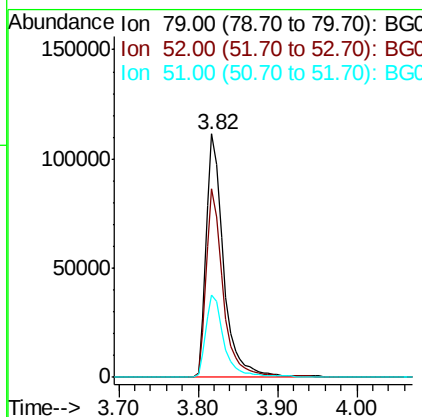
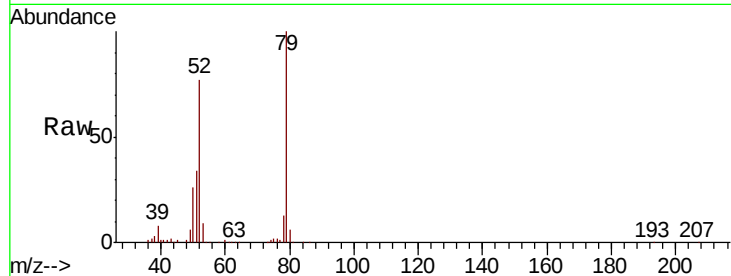
ClientSampleId :

EO-02-091420MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 172814 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 77.3  | 59.1  | 88.7   |
| 51       | 33.7  | 29.0  | 43.6   |

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#4

n-Nitrosodimethylamine

Concen: 44.505 ng

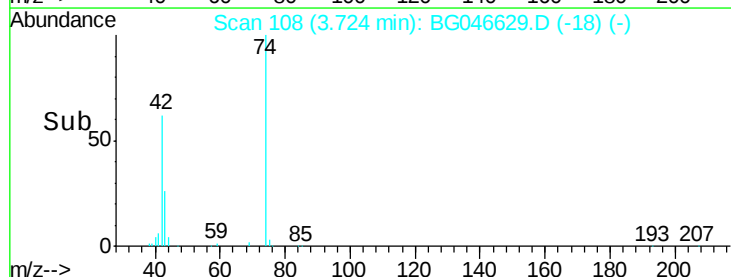
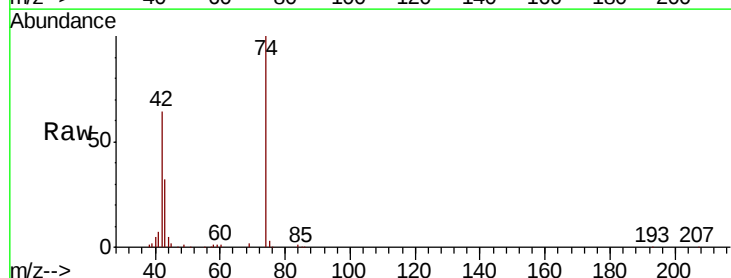
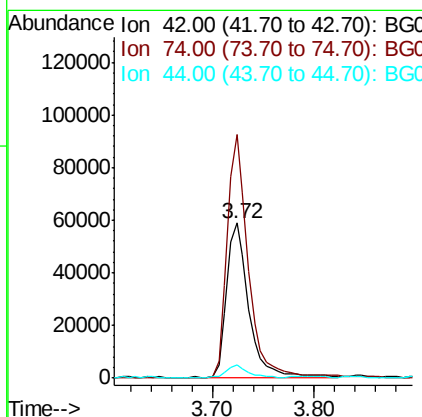
RT: 3.72 min Scan# 108

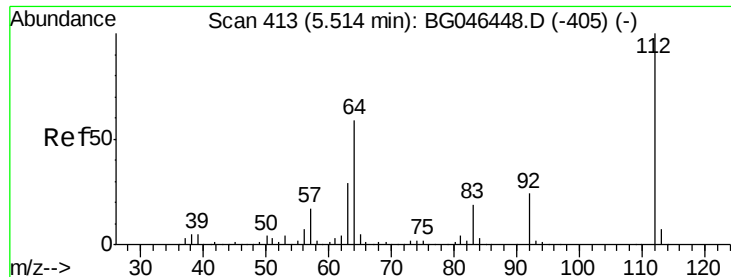
Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 88194 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 157.0 | 119.5 | 179.3 |
| 44       | 8.3   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 120.578 ng

RT: 5.51 min Scan# 412

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

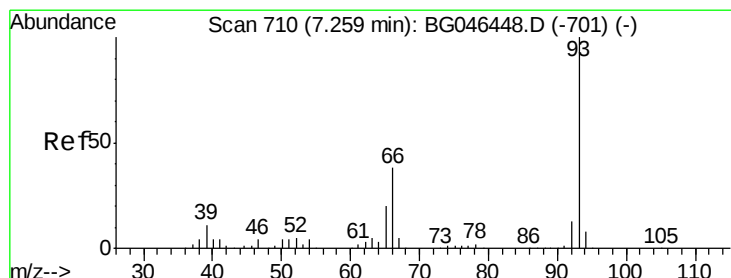
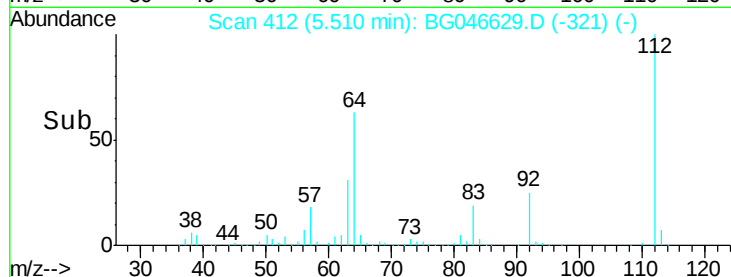
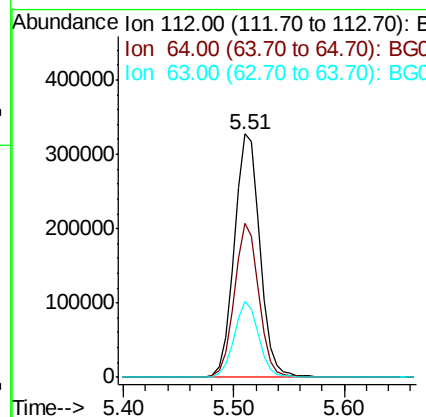
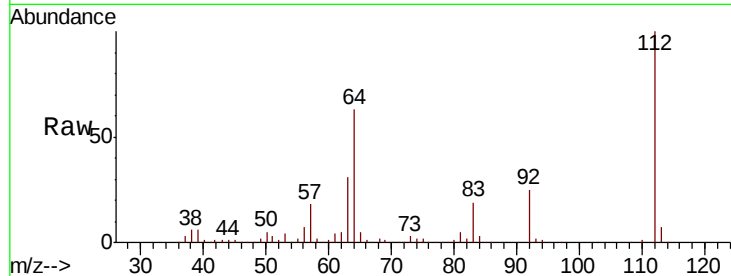
ClientSampleId :

EO-02-091420MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 532237 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.2  | 47.0  | 70.6   |
| 63        | 31.2  | 23.5  | 35.3   |

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#6

Aniline

Concen: 33.383 ng

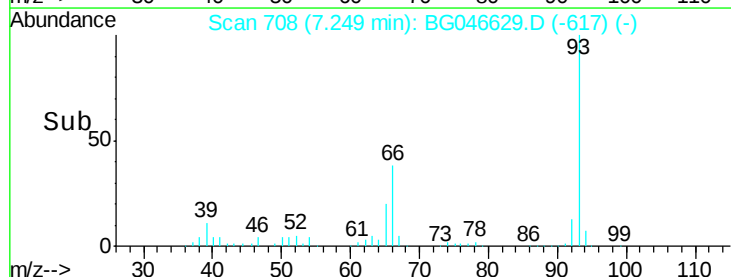
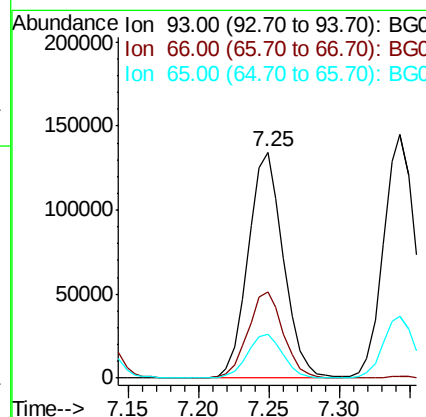
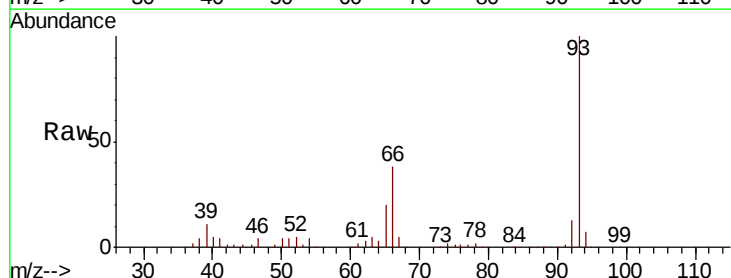
RT: 7.25 min Scan# 708

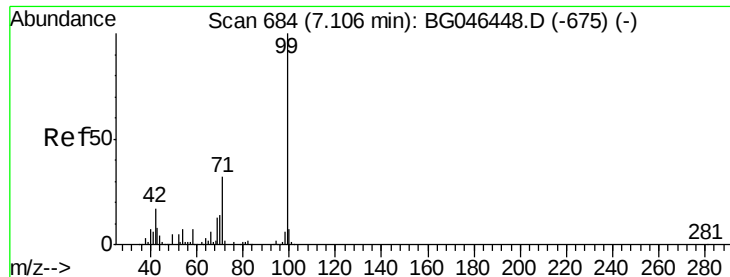
Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 235064 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 38.0  | 30.4  | 45.6   |
| 65        | 19.6  | 15.8  | 23.6   |





#7

Phenol-d6

Concen: 107.707 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

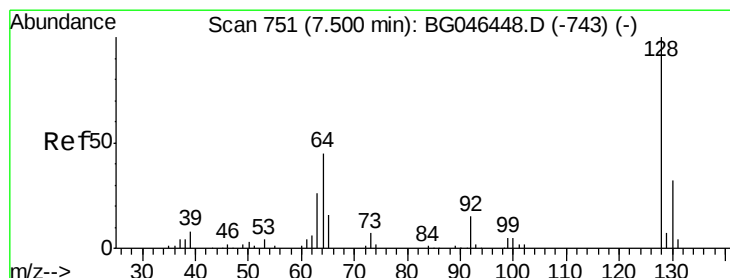
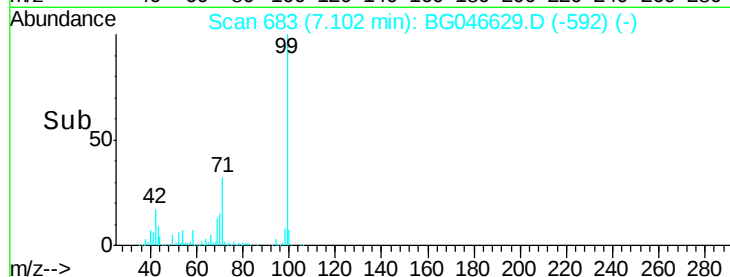
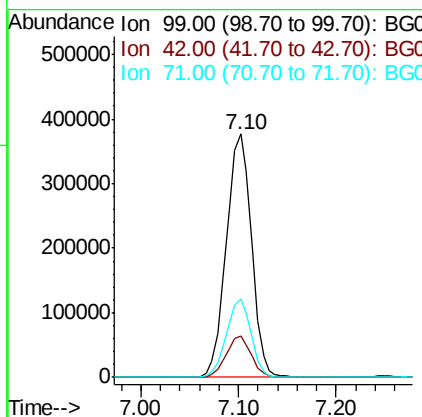
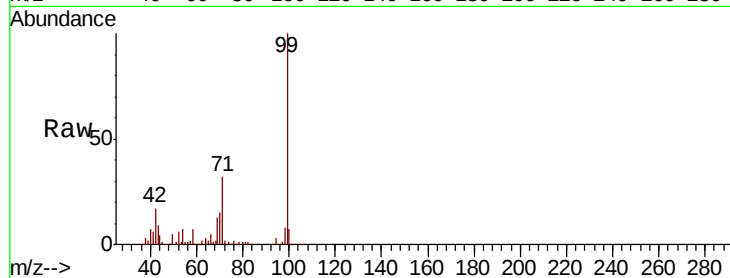
ClientSampleId :

EO-02-091420MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 673965 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 17.0  | 13.3  | 19.9   |
| 71        | 32.1  | 25.3  | 37.9   |

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#8

2-Chlorophenol

Concen: 53.185 ng

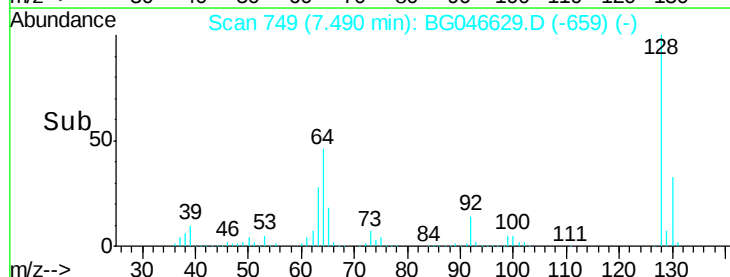
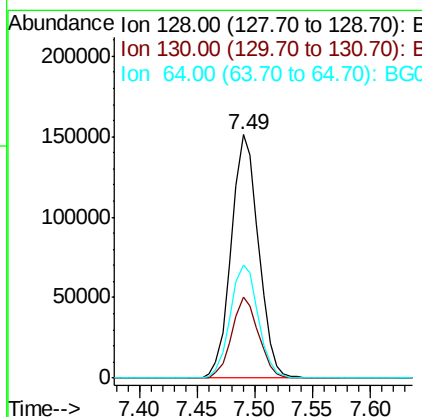
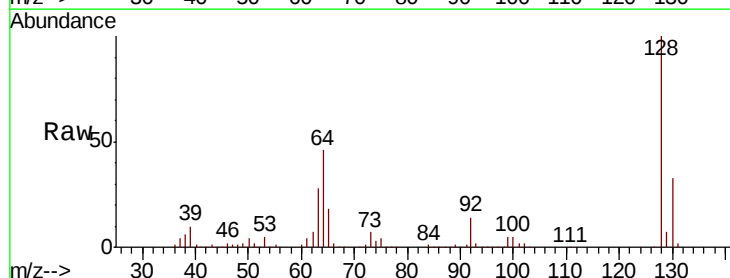
RT: 7.49 min Scan# 749

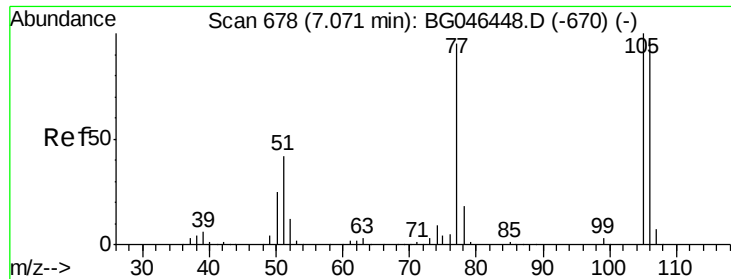
Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 248121 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.1  | 12.4  | 52.4   |
| 64        | 46.2  | 28.1  | 68.1   |





#9

Benzaldehyde

Concen: 25.765 ng

RT: 7.05 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

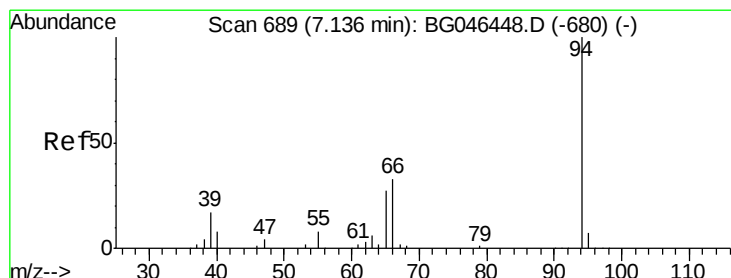
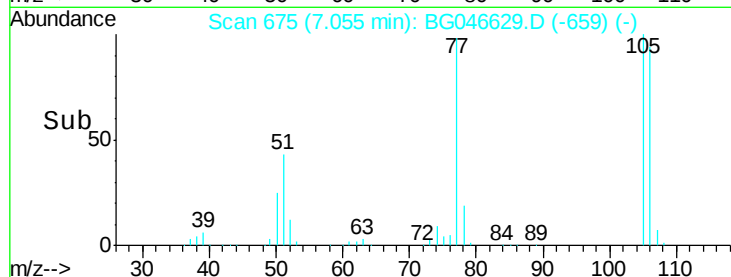
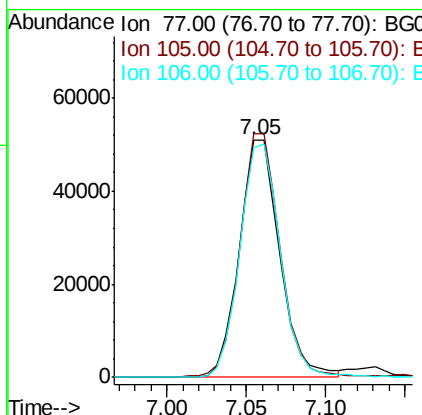
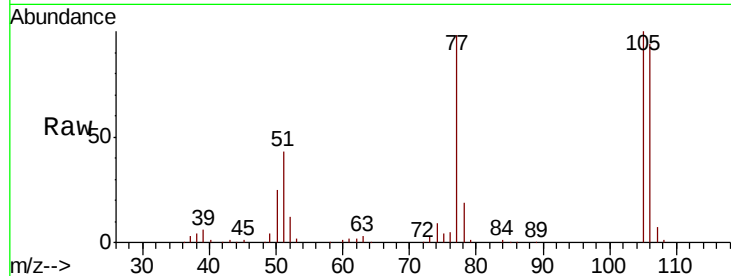
ClientSampleId :

EO-02-091420MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 90325 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 102.4 | 85.6  | 125.6 |
| 106      | 96.7  | 80.8  | 120.8 |

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#10

Phenol

Concen: 46.783 ng

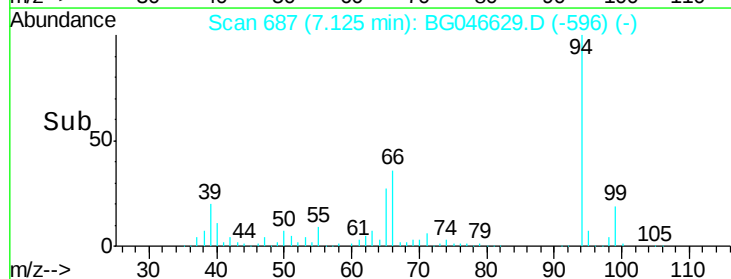
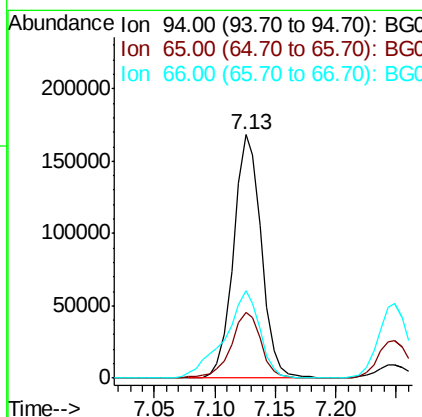
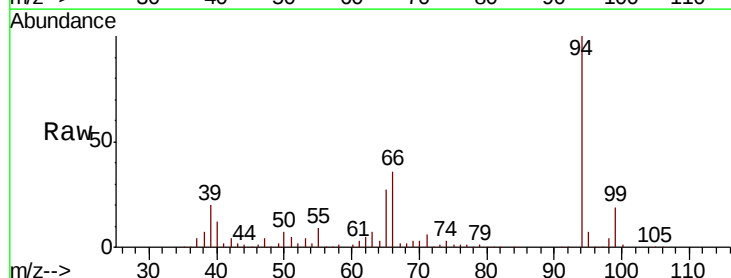
RT: 7.13 min Scan# 687

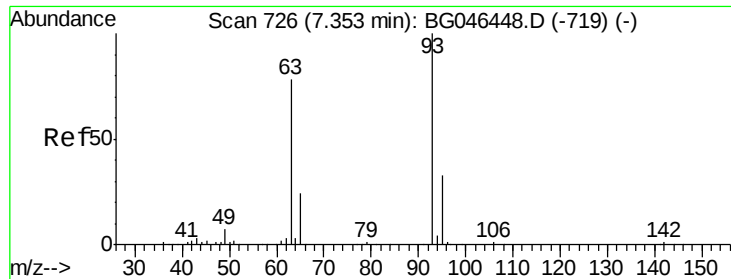
Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 269625 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 26.9  | 7.5   | 47.5   |
| 66       | 35.8  | 14.1  | 54.1   |





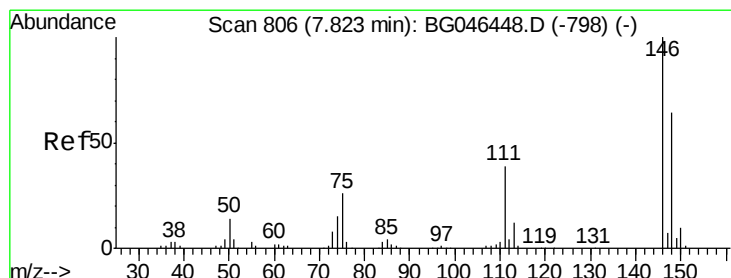
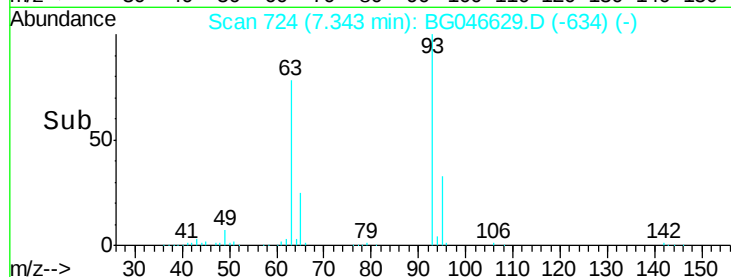
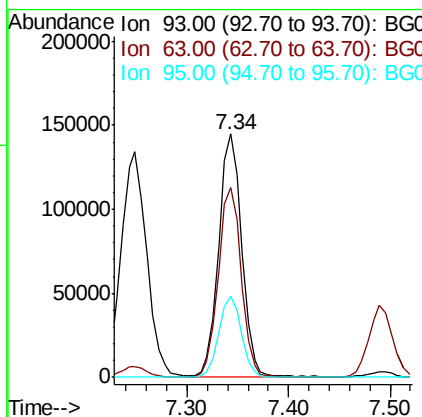
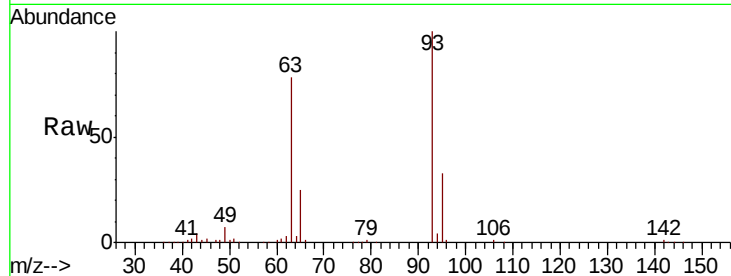
#11  
bis(2-Chloroethyl)ether  
Concen: 49.467 ng  
RT: 7.34 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 229164 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 77.9  | 57.7  | 97.7   |
| 95        | 33.4  | 12.3  | 52.3   |

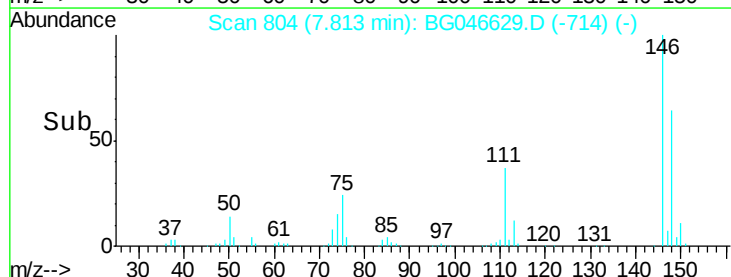
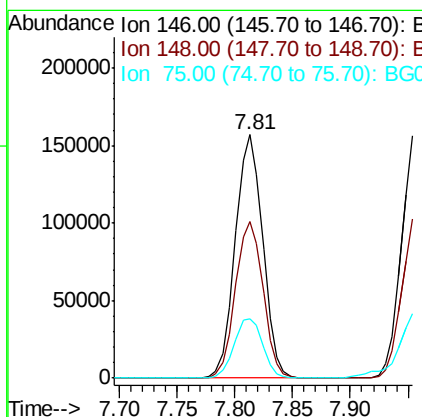
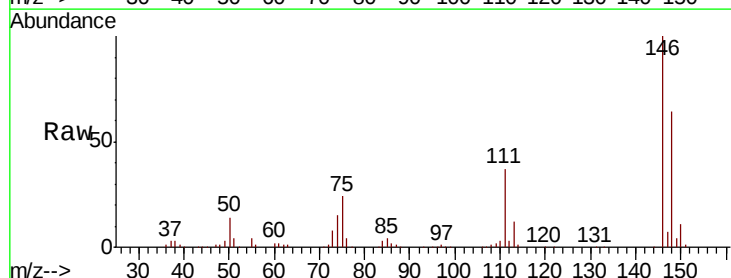
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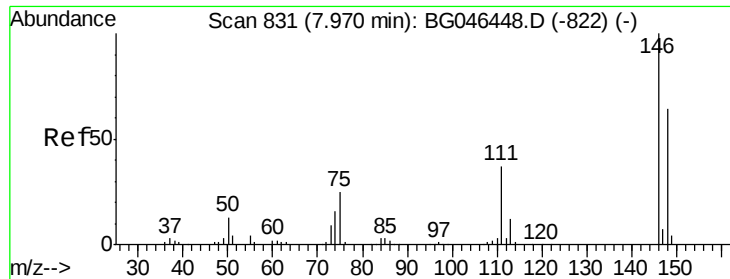
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 43.674 ng  
RT: 7.81 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 258686 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.5  | 51.4  | 77.0   |
| 75        | 24.4  | 20.7  | 31.1   |





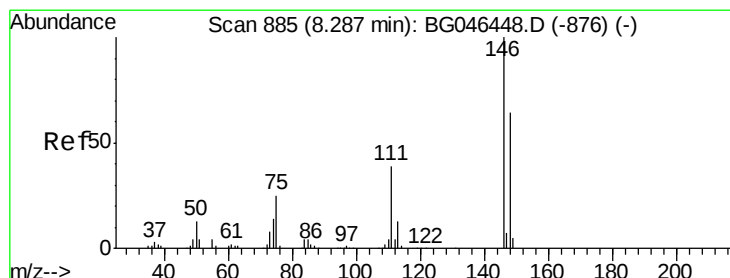
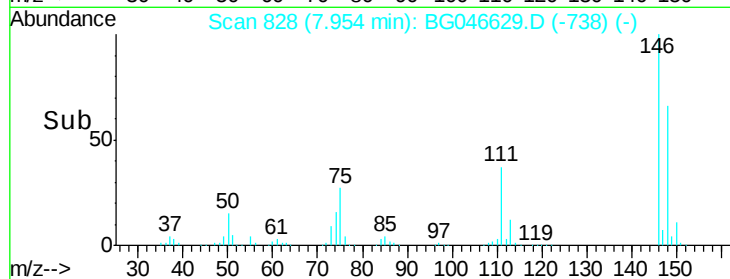
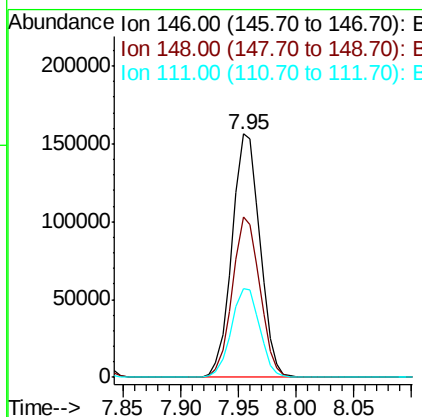
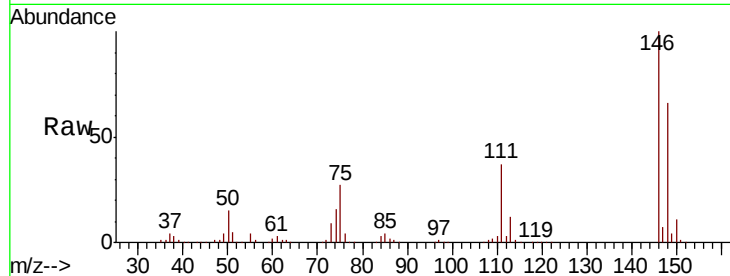
#13  
 1,4-Dichlorobenzene  
 Concen: 44.154 ng  
 RT: 7.95 min Scan# 828  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 50.9  | 76.3  |
| 111     | 36.7  | 29.8  | 44.6  |

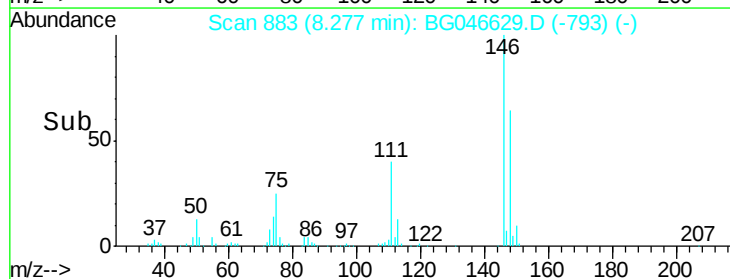
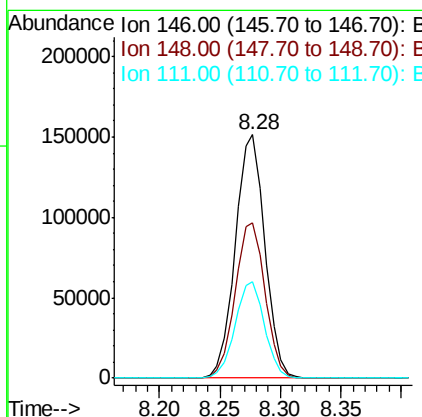
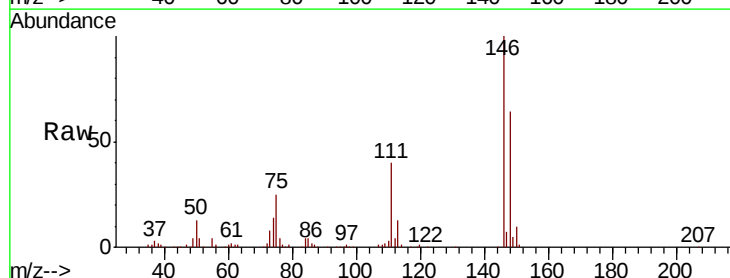
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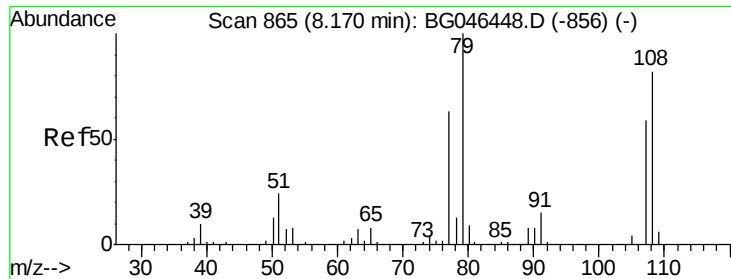
mohammad  
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#14  
 1,2-Dichlorobenzene  
 Concen: 45.417 ng  
 RT: 8.28 min Scan# 883  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 51.4  | 77.0  |
| 111     | 39.5  | 31.4  | 47.2  |





#15

Benzyl Alcohol

Concen: 55.359 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

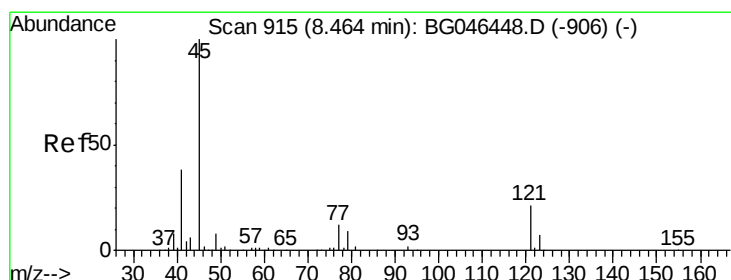
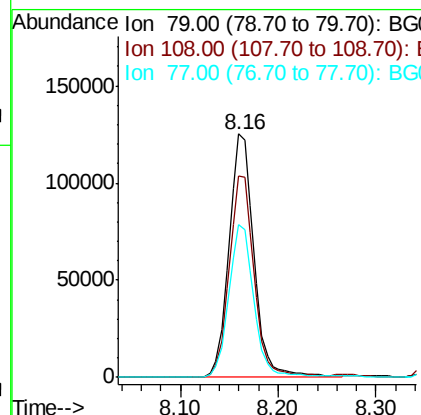
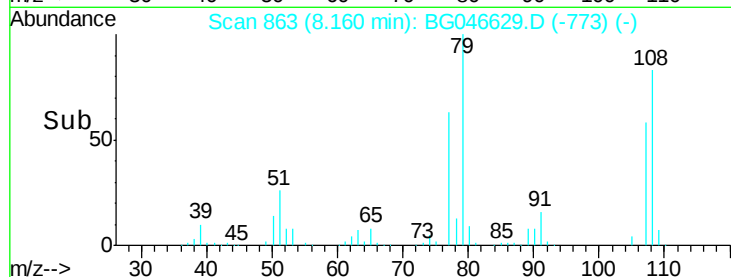
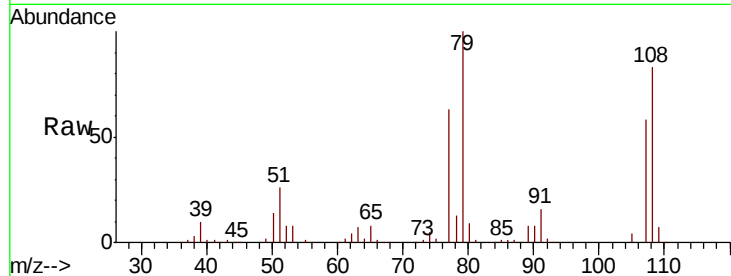
ClientSampleId :

EO-02-091420MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 222398 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 82.7  | 65.7  | 98.5   |
| 77        | 62.7  | 50.3  | 75.5   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.034 ng

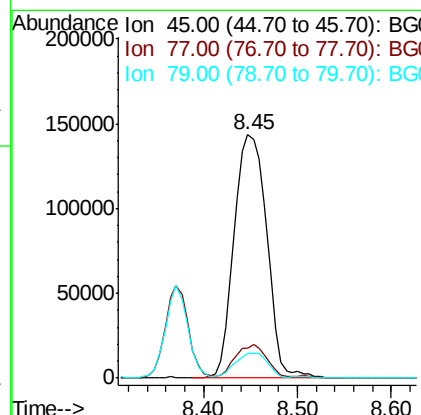
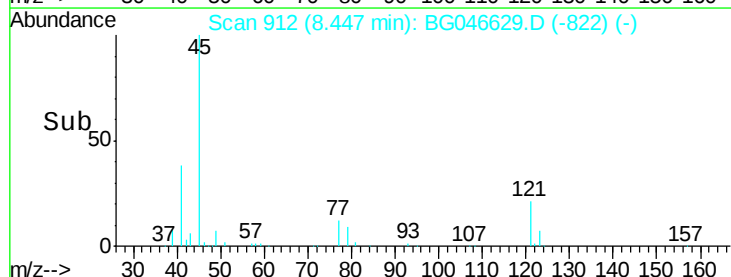
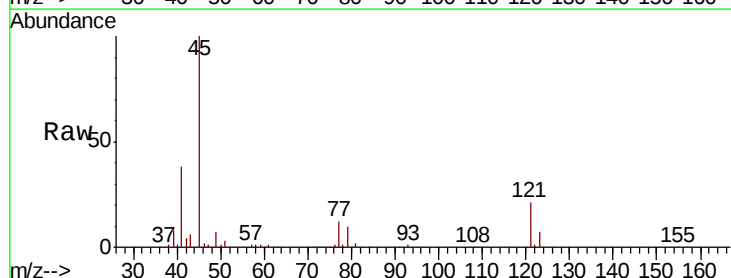
RT: 8.45 min Scan# 912

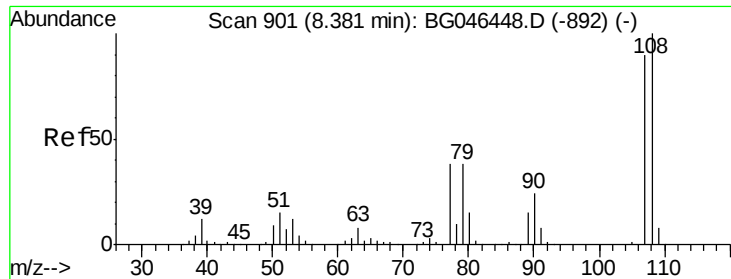
Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 345159 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.4  | 0.0   | 33.2   |
| 79        | 10.1  | 0.0   | 30.3   |





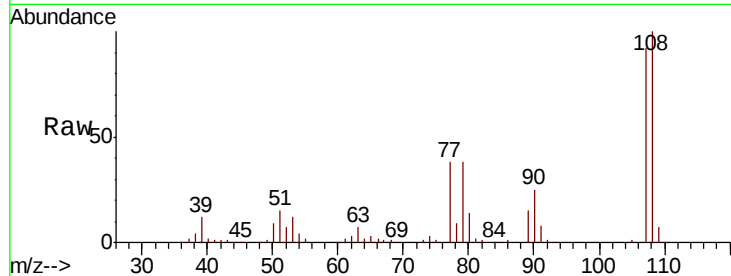
#17  
2-Methylphenol  
Concen: 53.688 ng  
RT: 8.37 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.1 | 89.4 | 134.0 |       |
| 77      | 41.8  | 34.5 | 51.7  |       |
| 79      | 41.8  | 33.8 | 50.6  |       |

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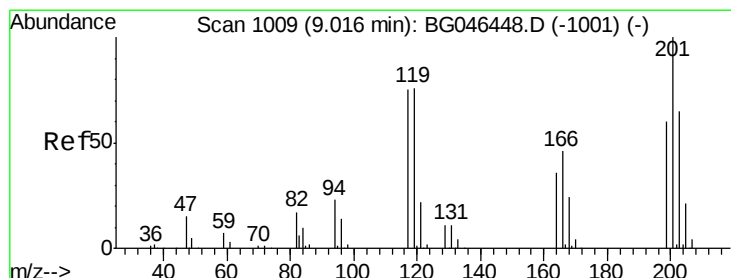
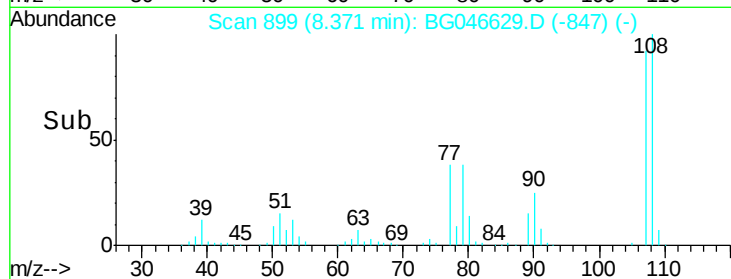
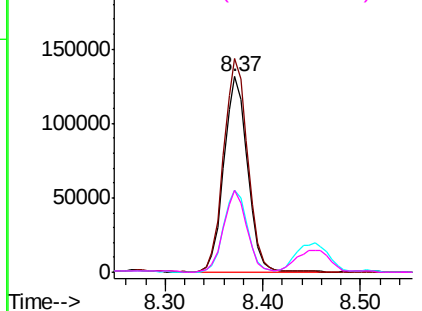
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

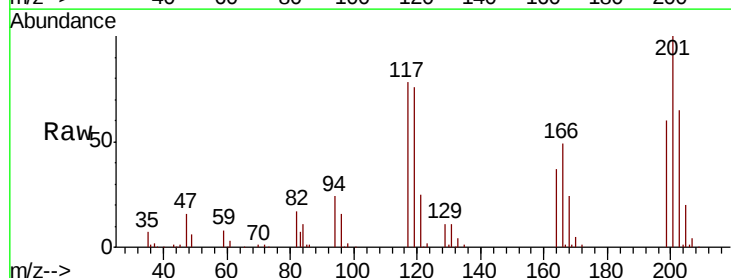
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 43.794 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 97.1  | 80.8  | 121.2 |       |
| 201     | 127.5 | 106.7 | 160.1 |       |

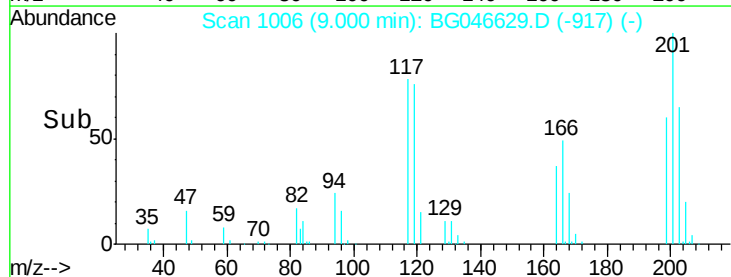
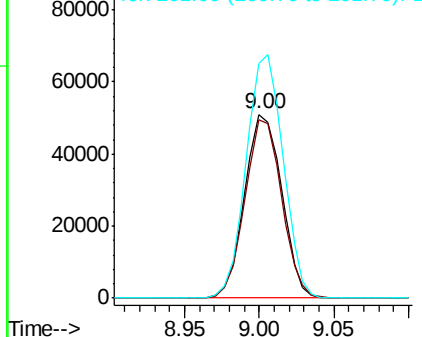


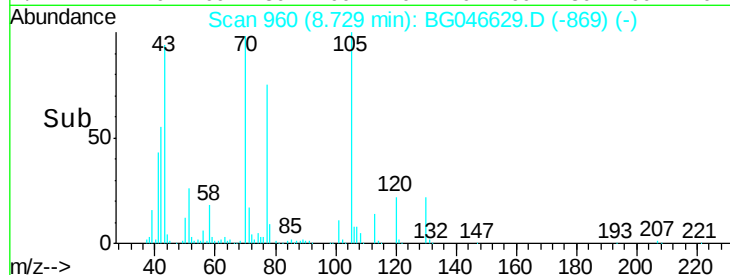
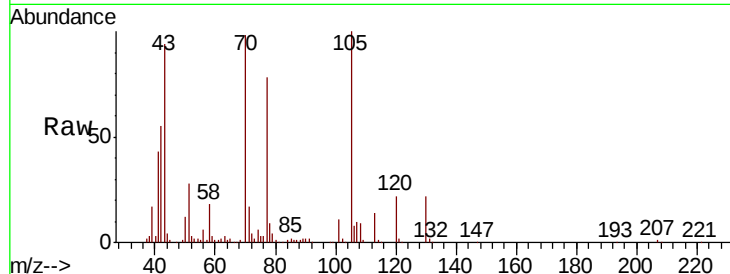
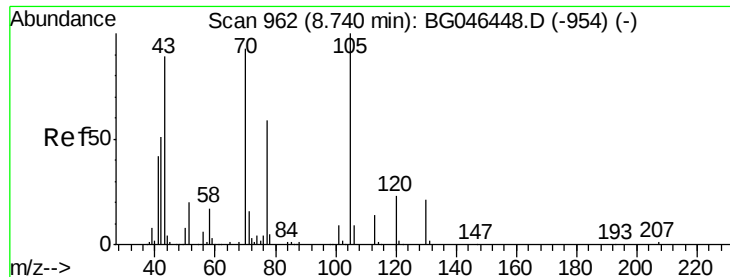
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





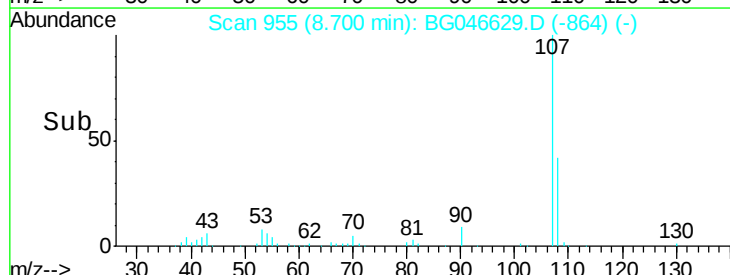
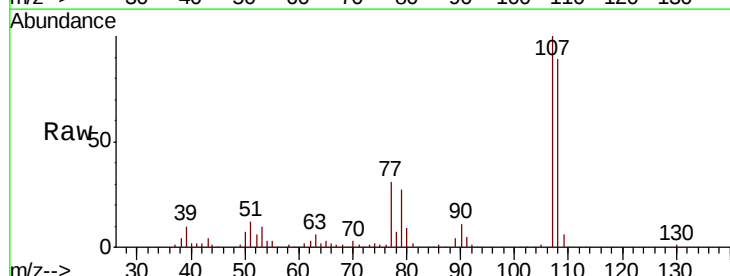
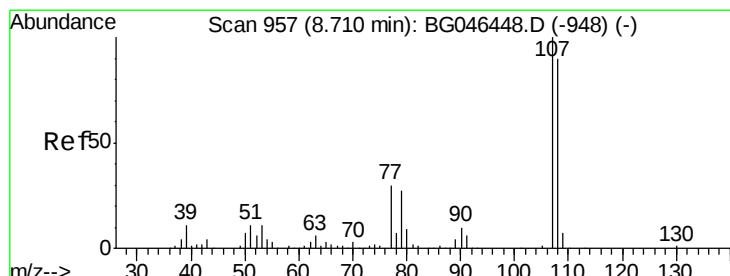
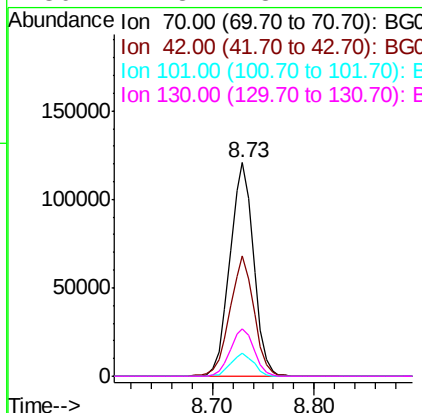
#19  
n-Nitroso-di-n-propylamine  
Concen: 52.224 ng  
RT: 8.73 min Scan# 960  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

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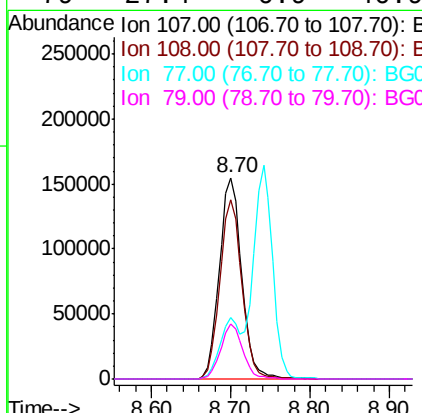
mohammad  
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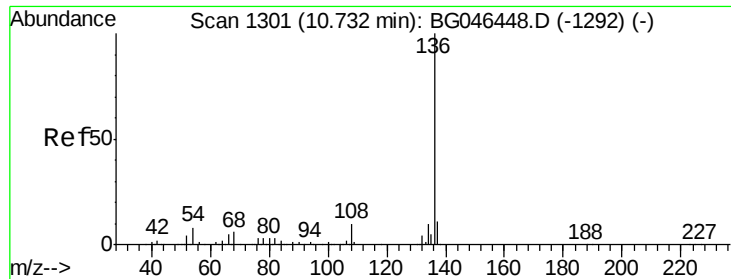
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 56.2 | 44.2  | 66.2 |       |       |
| 101     | 10.9 | 7.8   | 11.8 |       |       |
| 130     | 22.3 | 18.2  | 27.4 |       |       |



#20  
3+4-Methylphenols  
Concen: 53.404 ng  
RT: 8.70 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 89.1 | 69.7  | 109.7 |       |       |
| 77      | 30.7 | 9.7   | 49.7  |       |       |
| 79      | 27.4 | 6.9   | 46.9  |       |       |





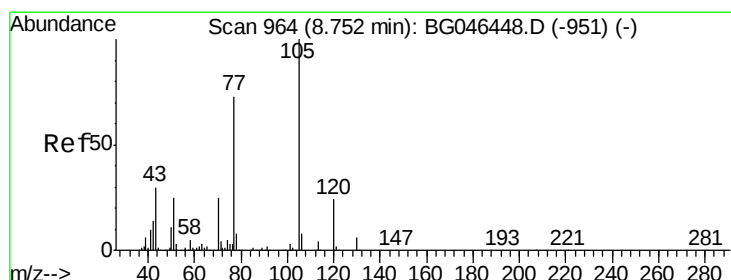
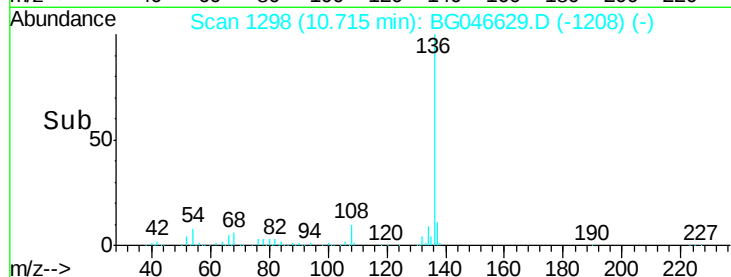
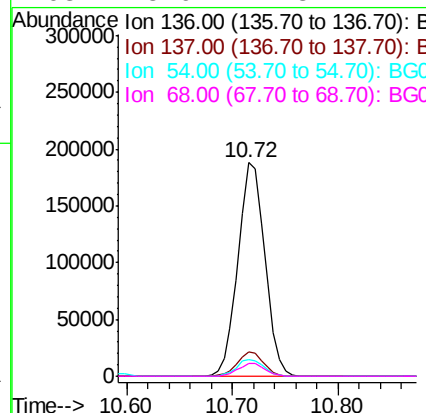
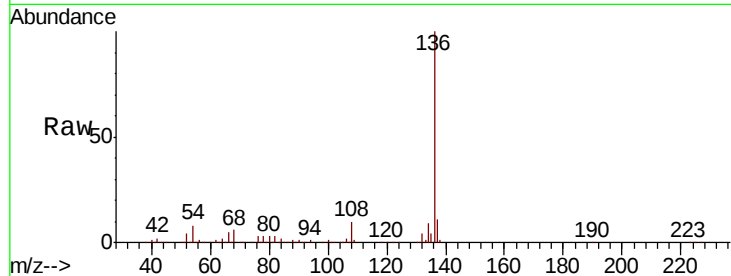
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.72 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 329410 |       |       |
| 137     | 11.3  |        | 8.8   | 13.2  |
| 54      | 7.9   |        | 6.1   | 9.1   |
| 68      | 5.9   |        | 4.8   | 7.2   |

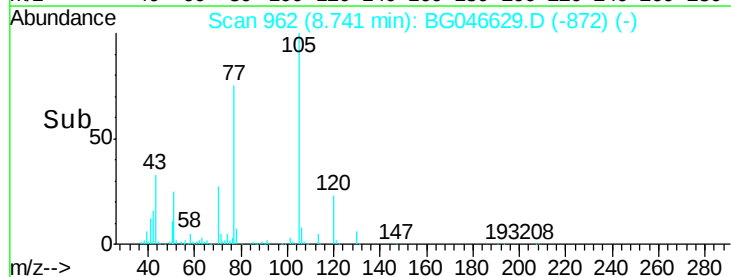
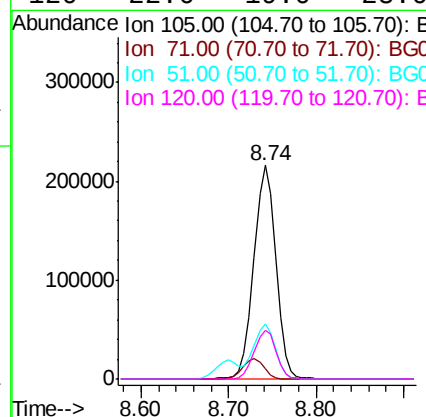
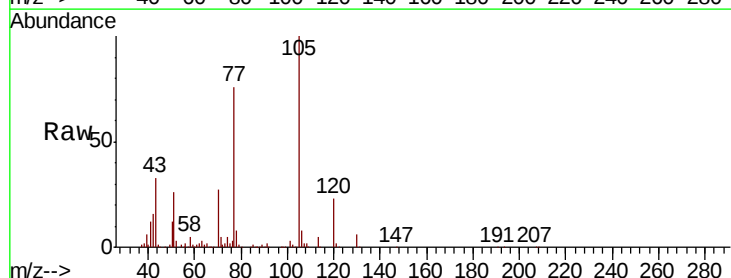
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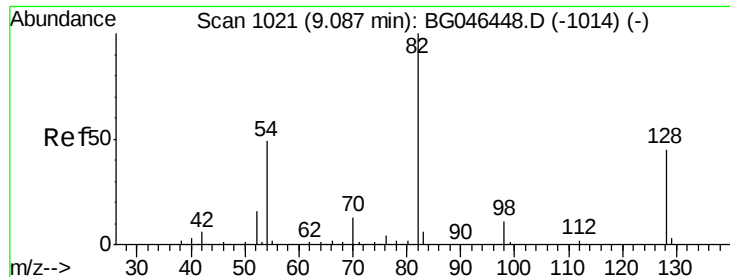
mohammad  
9/16/2020 10:14:14 AM



#22  
Acetophenone  
Concen: 45.947 ng  
RT: 8.74 min Scan# 962  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 368430 |       |       |
| 71      | 4.7   |        | 3.3   | 4.9   |
| 51      | 25.6  |        | 20.6  | 31.0  |
| 120     | 22.6  |        | 19.0  | 28.6  |





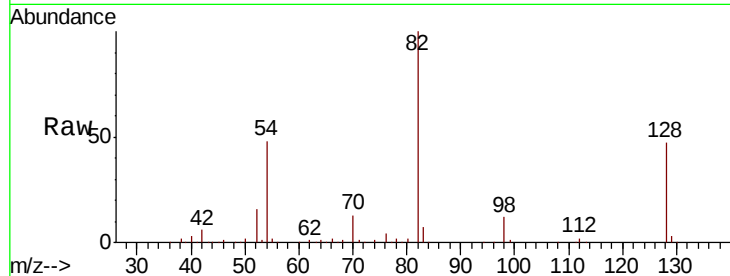
#23  
Nitrobenzene-d5  
Concen: 86.645 ng  
RT: 9.08 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

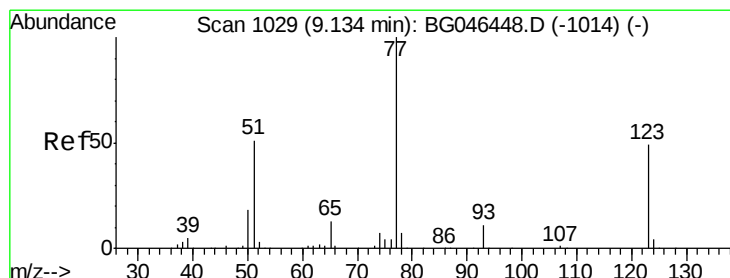
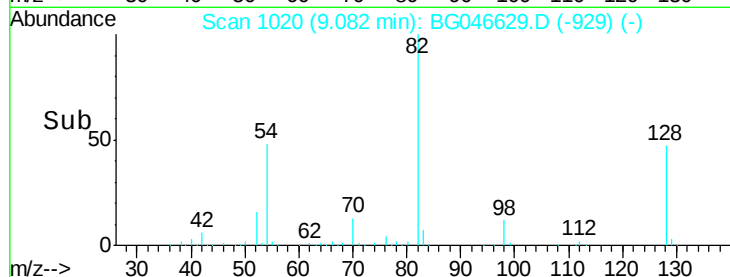
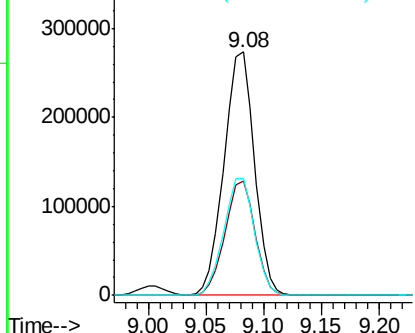
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 499371 |       |       |
| 128     | 47.1  | 35.7   | 53.5  |       |
| 54      | 48.2  | 39.4   | 59.0  |       |

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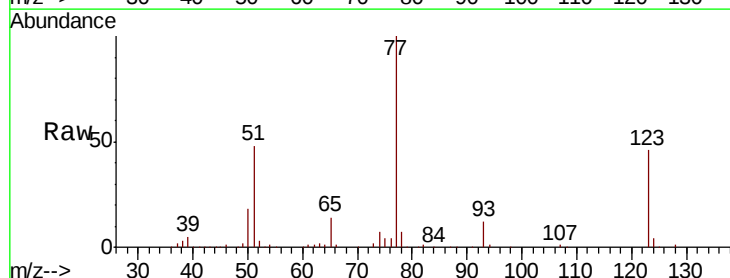


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

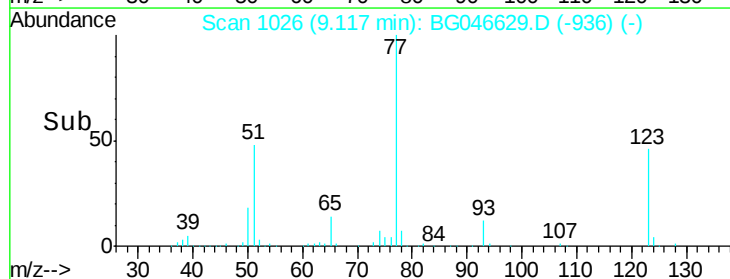
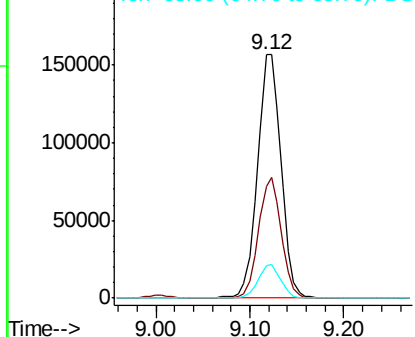


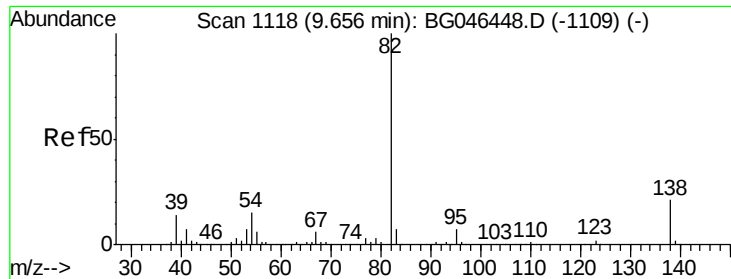
#24  
Nitrobenzene  
Concen: 47.577 ng  
RT: 9.12 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 270899 |       |       |
| 123     | 45.9  | 39.6   | 59.4  |       |
| 65      | 13.5  | 10.1   | 15.1  |       |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 50.858 ng

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

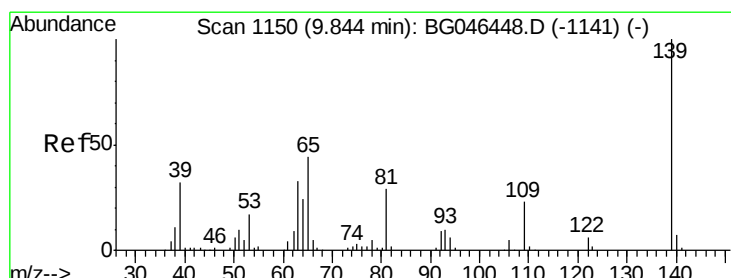
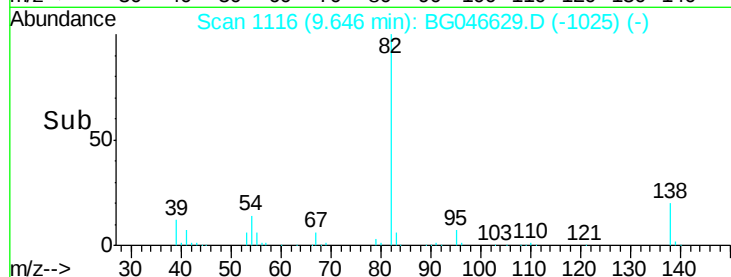
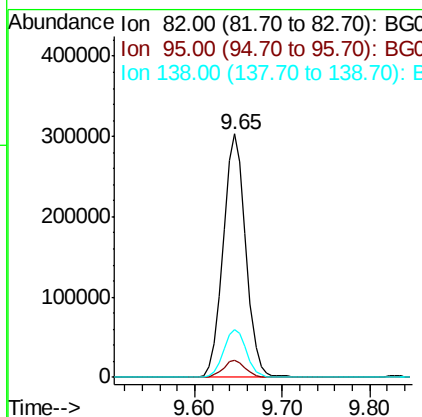
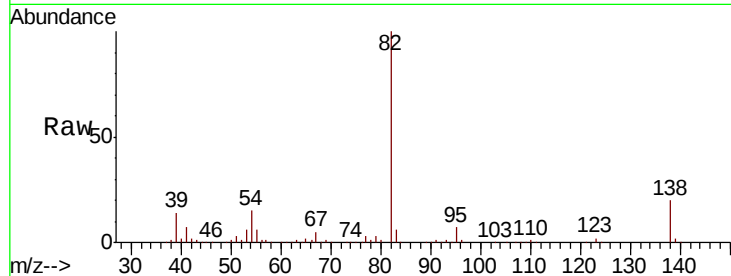
ClientSampleId :

EO-02-091420MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 537395 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 5.8   | 8.6    |
| 138       | 19.7  | 16.4  | 24.6   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 50.945 ng

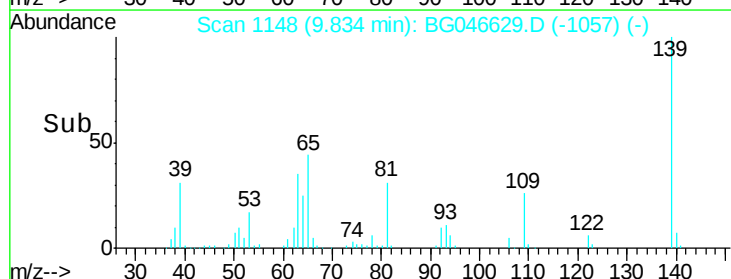
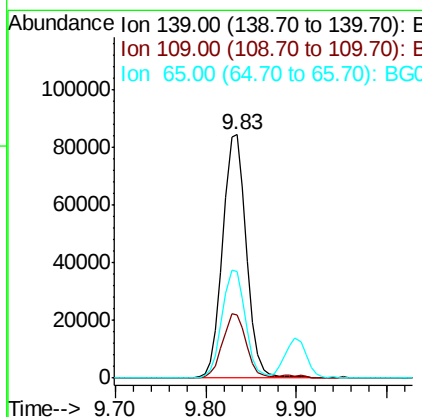
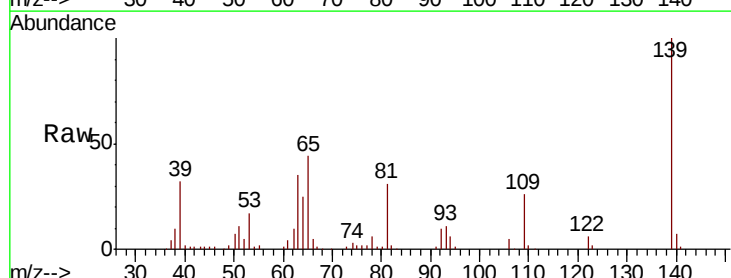
RT: 9.83 min Scan# 1148

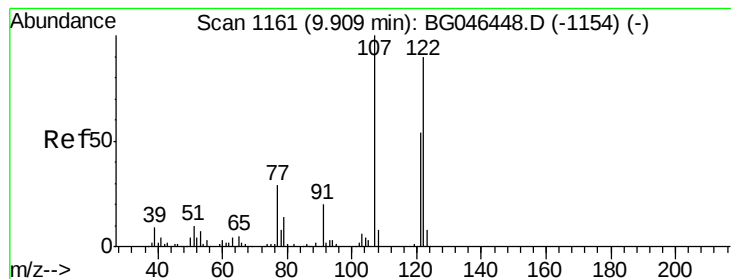
Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 153047 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 26.1  | 18.8  | 28.2   |
| 65        | 43.9  | 35.0  | 52.6   |





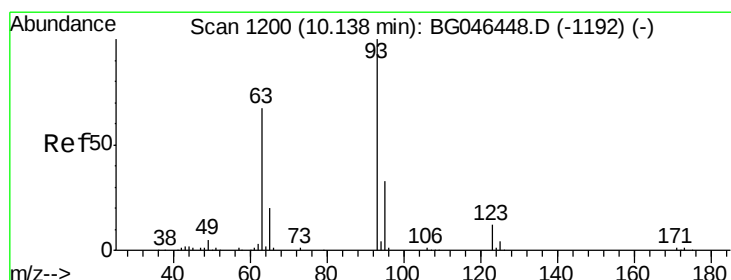
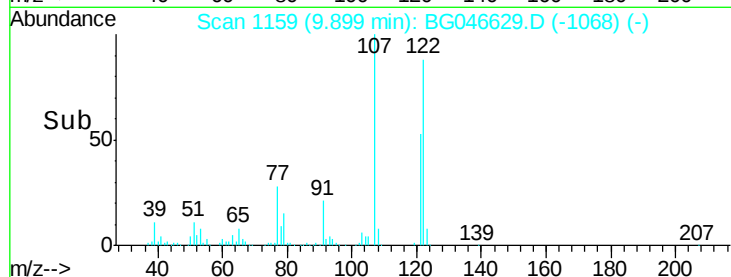
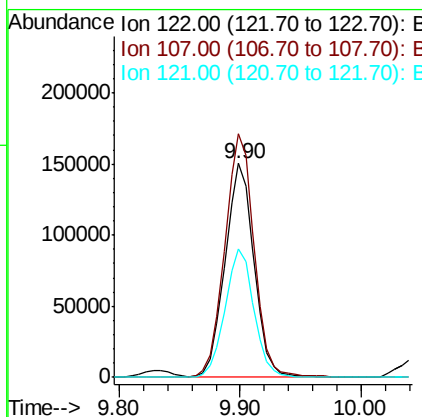
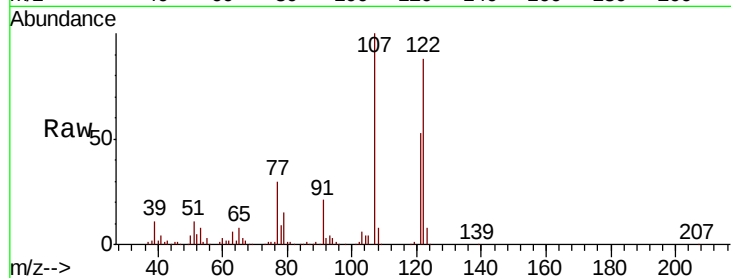
#27  
2,4-Dimethylphenol  
Concen: 60.109 ng  
RT: 9.90 min Scan# 1159  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 248363 |       |       |
| 107     | 113.8 |        | 88.2  | 132.2 |
| 121     | 59.8  |        | 47.4  | 71.0  |

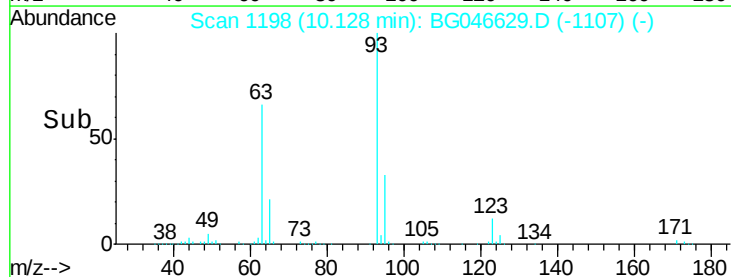
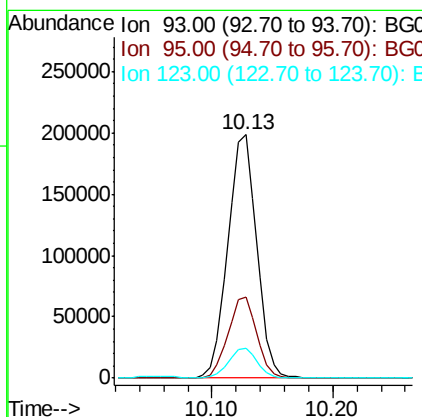
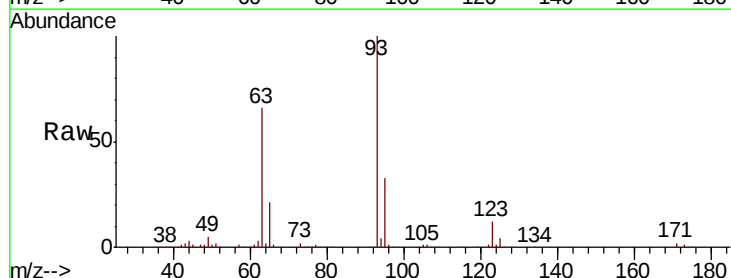
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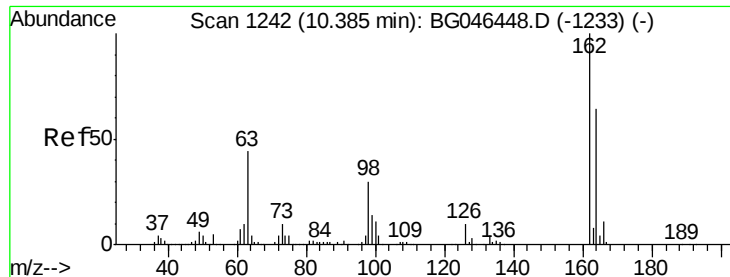
mohammad  
9/16/2020 10:14:14 AM



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.539 ng  
RT: 10.13 min Scan# 1198  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 330121 |       |       |
| 95      | 33.1  |        | 26.1  | 39.1  |
| 123     | 12.2  |        | 9.5   | 14.3  |





#29

2,4-Dichlorophenol

Concen: 52.172 ng

RT: 10.37 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

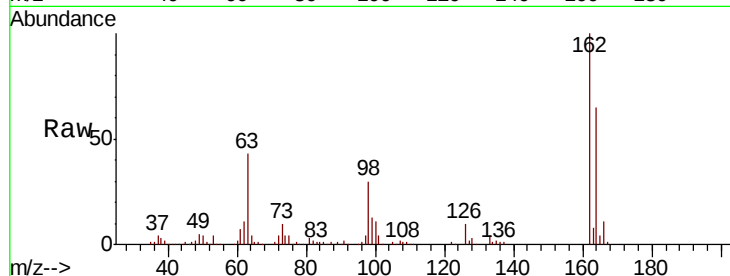
ClientSampleId :

EO-02-091420MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 287371 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 64.6  | 44.3  | 84.3   |
| 98        | 29.6  | 10.0  | 50.0   |

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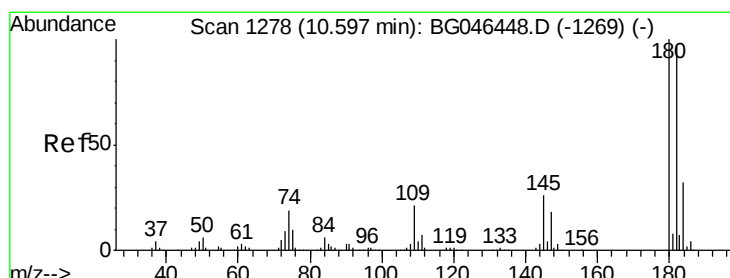
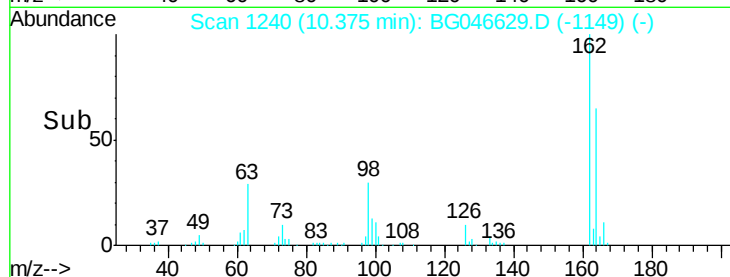
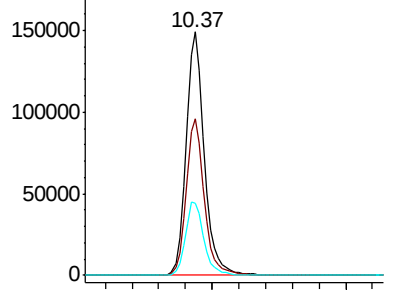
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 44.269 ng

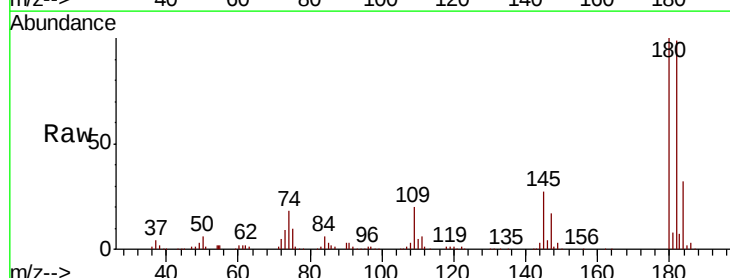
RT: 10.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

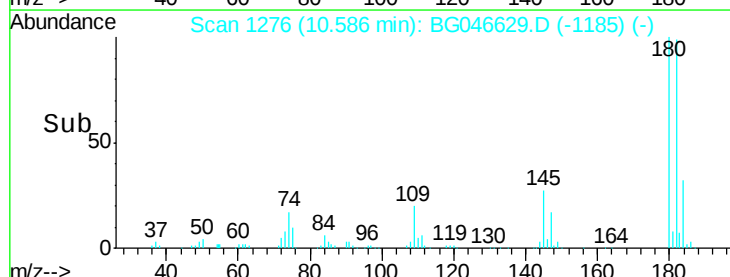
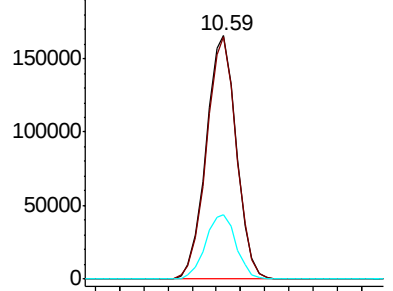
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 289318 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 99.5  | 77.8  | 116.8  |
| 145       | 26.6  | 20.9  | 31.3   |

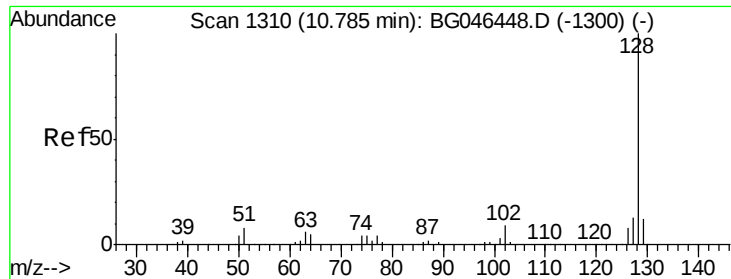


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





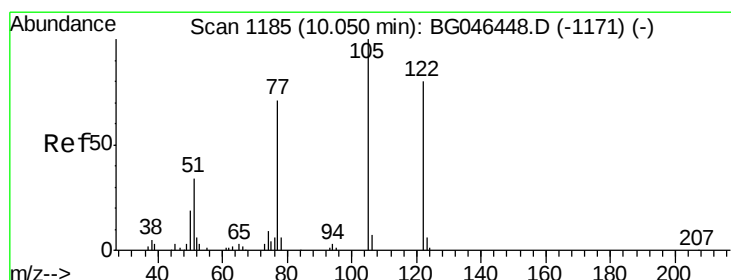
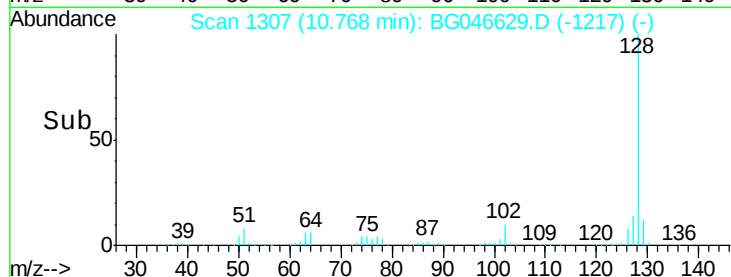
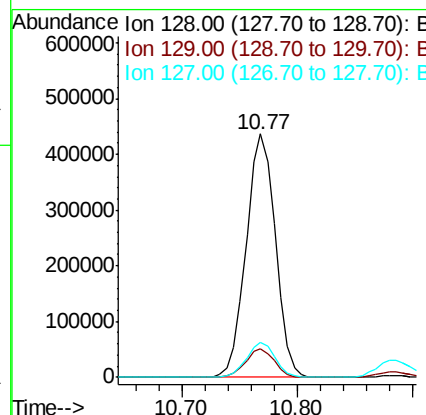
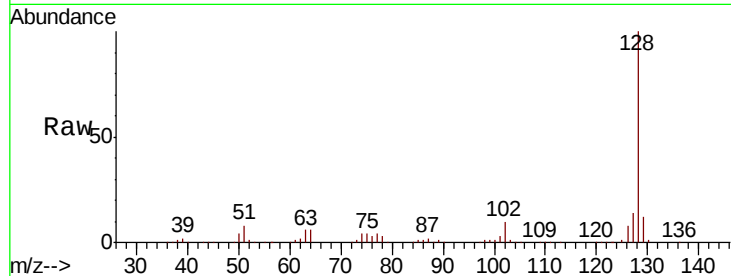
#31  
Naphthalene  
Concen: 47.776 ng  
RT: 10.77 min Scan# 1307  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.2   | 13.8  |
| 127     | 14.4  | 10.7  | 16.1  |

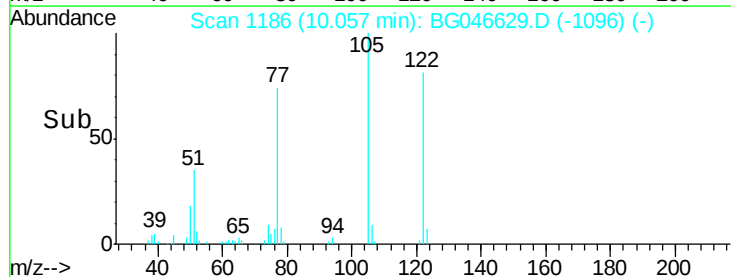
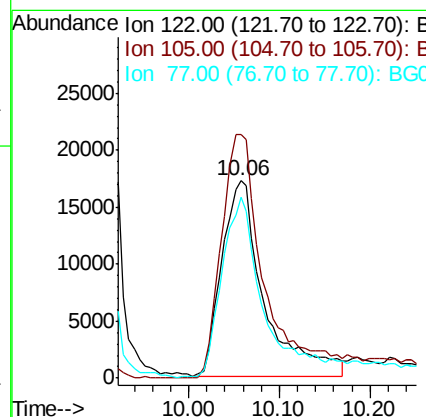
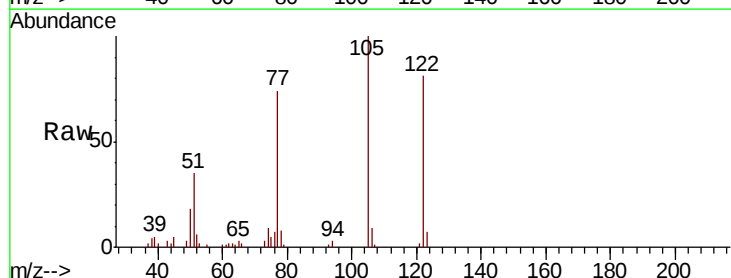
Manual Integrations  
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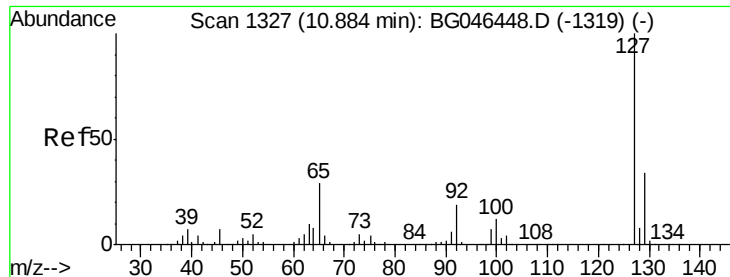
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#32  
Benzoic acid  
Concen: 23.599 ng  
RT: 10.06 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.4 | 102.5 | 142.5 |
| 77      | 91.6  | 68.2  | 108.2 |





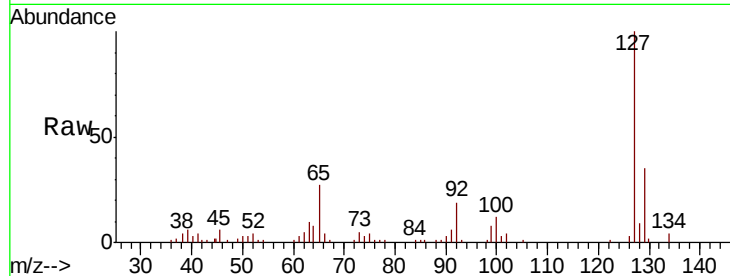
#33  
4-Chloroaniline  
Concen: 9.958 ng  
RT: 10.89 min Scan# 1327  
Delta R.T. 0.01 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 35.2  | 27.0  | 40.4  |
| 65      | 27.2  | 23.5  | 35.3  |
| 92      | 18.8  | 14.9  | 22.3  |

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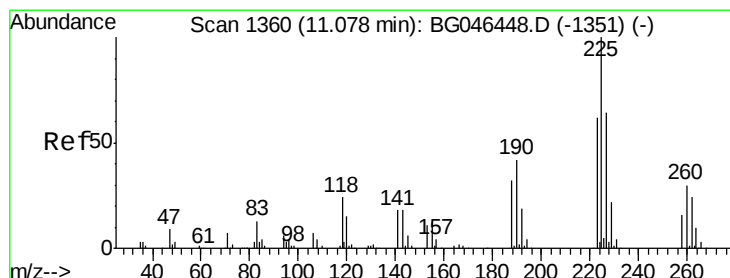
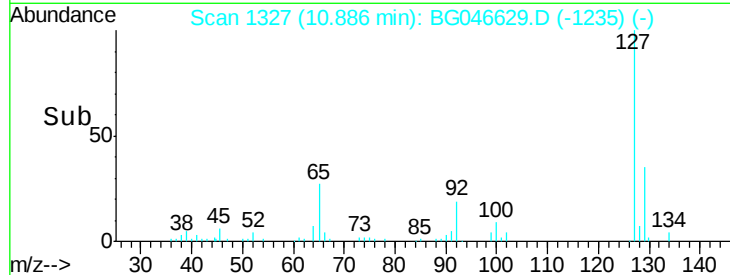
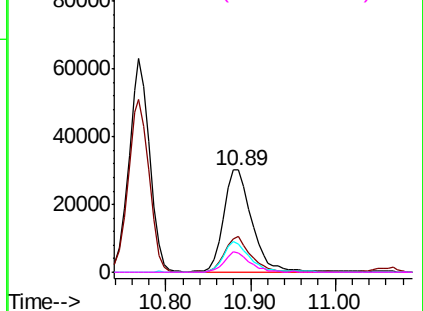
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

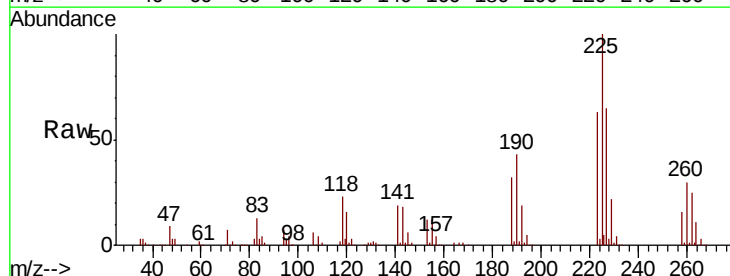
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 43.482 ng  
RT: 11.06 min Scan# 1357  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 49.9  | 74.9  |
| 227     | 64.7  | 51.6  | 77.4  |

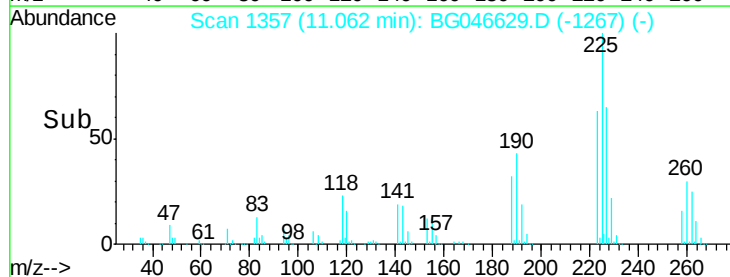
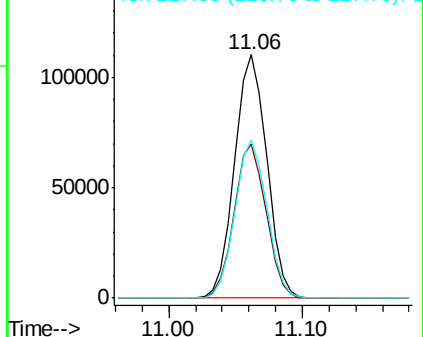


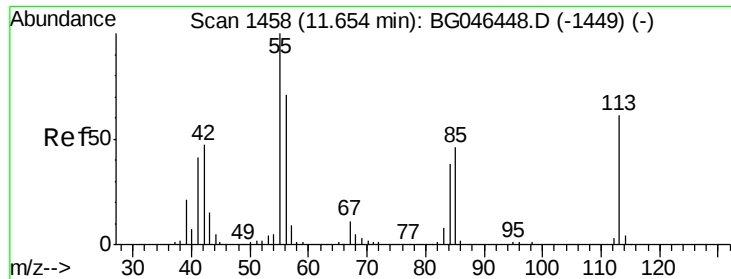
Abundance

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





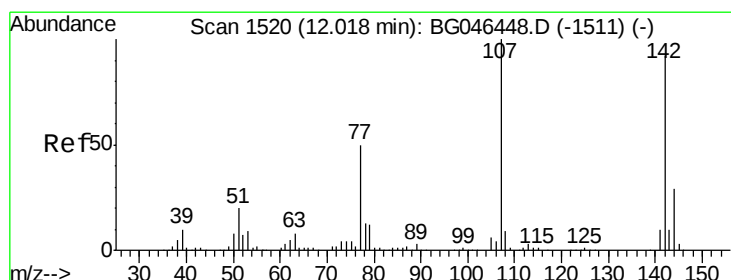
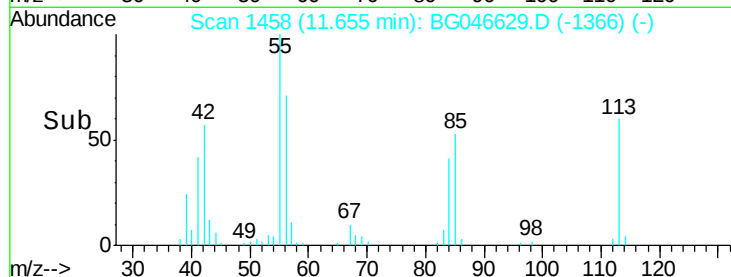
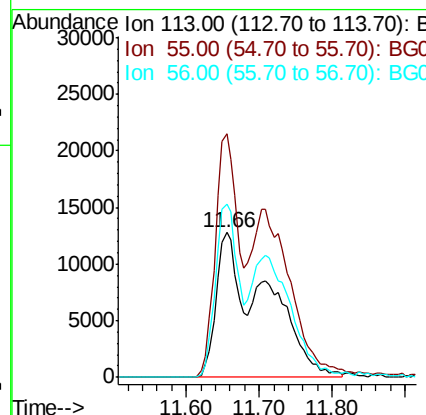
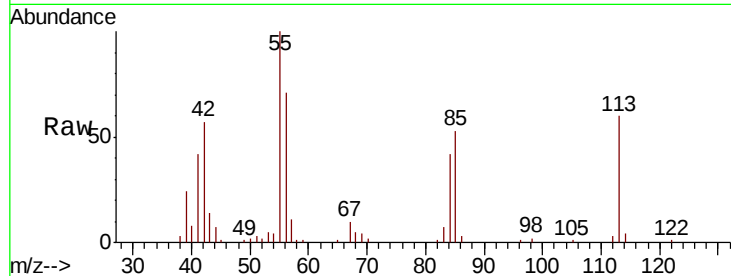
#35  
 Caprolactam  
 Concen: 29.044 ng/ml  
 RT: 11.66 min Scan# 1458  
 Delta R.T. 0.01 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 168.0 | 144.2 | 184.2 |
| 56      | 119.2 | 97.0  | 137.0 |

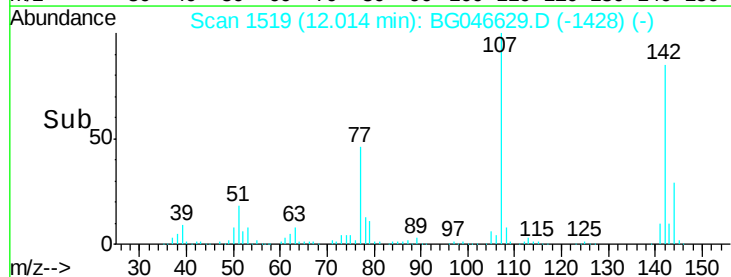
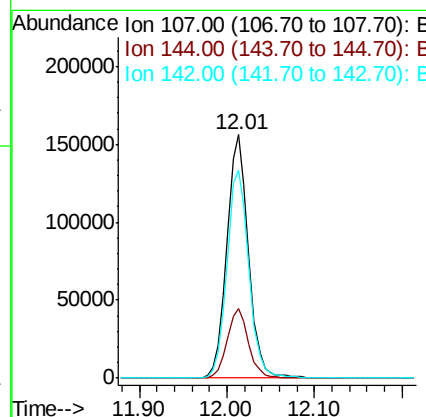
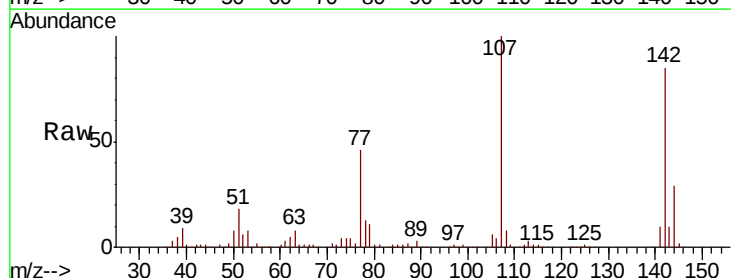
Manual Integrations  
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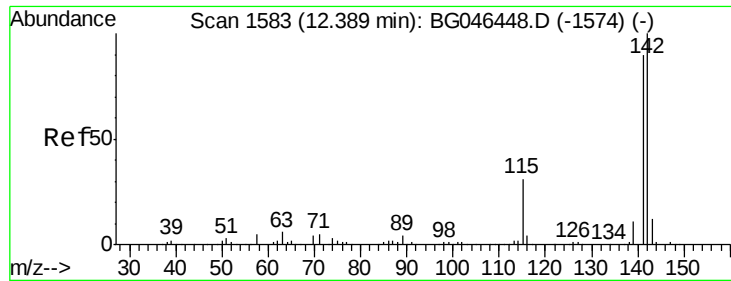
mohammad  
 9/16/2020 10:14:14 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 49.378 ng/ml  
 RT: 12.01 min Scan# 1519  
 Delta R.T. 0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 28.5  | 23.3  | 34.9  |
| 142     | 85.3  | 73.7  | 110.5 |





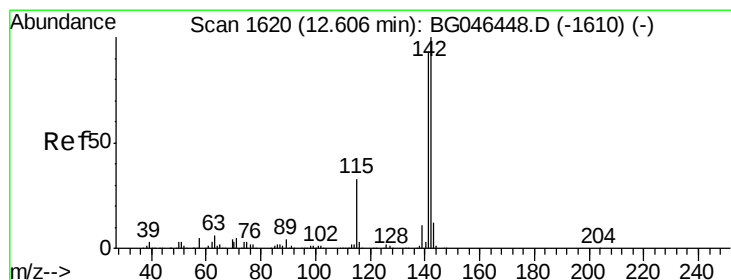
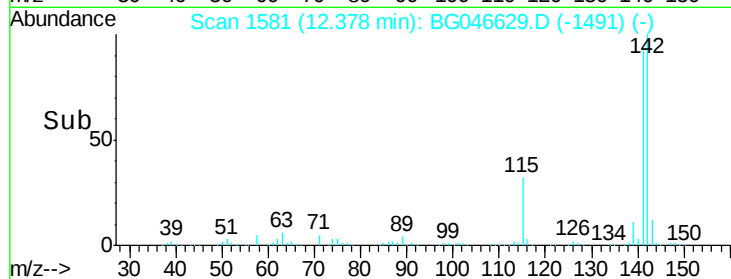
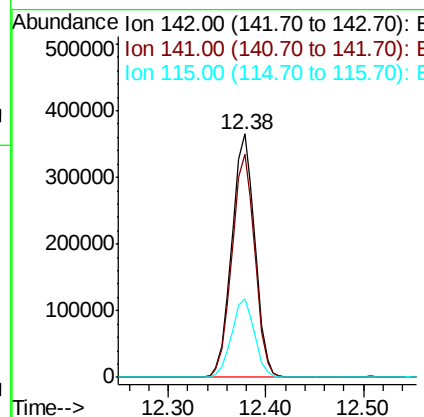
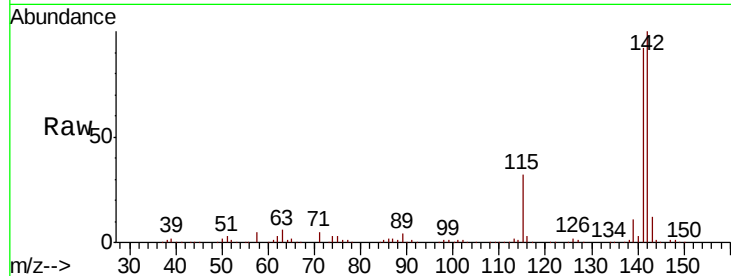
#37  
2-Methylnaphthalene  
Concen: 47.168 ng  
RT: 12.38 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 72.1  | 108.1 |
| 115     | 32.5  | 24.9  | 37.3  |

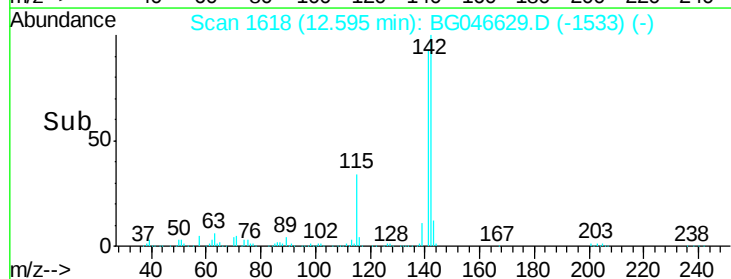
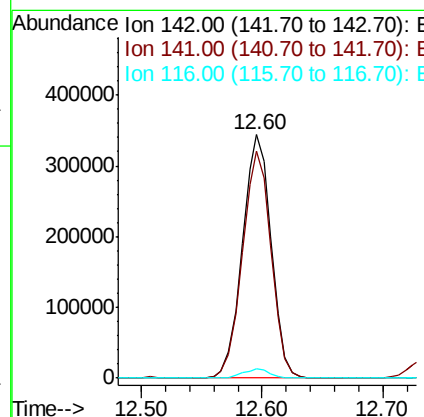
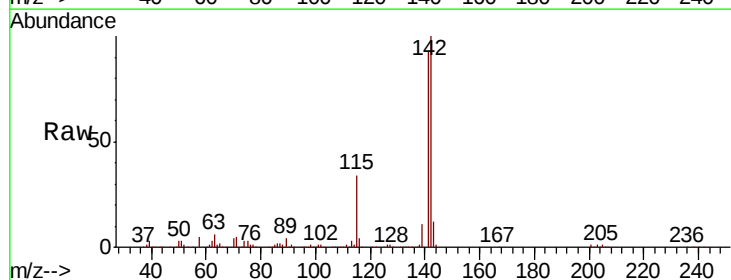
Manual Integrations  
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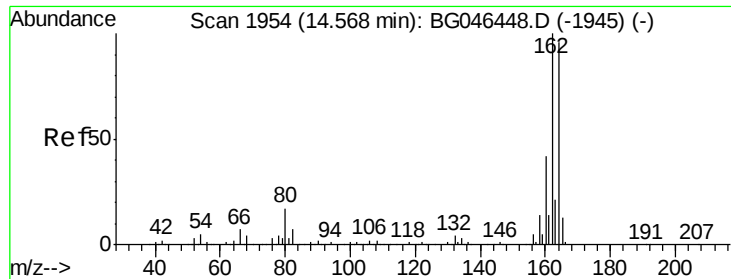
mohammad  
9/16/2020 10:14:14 AM



#38  
1-Methylnaphthalene  
Concen: 47.331 ng  
RT: 12.60 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.0  | 74.7  | 112.1 |
| 116     | 3.7   | 2.6   | 4.0   |





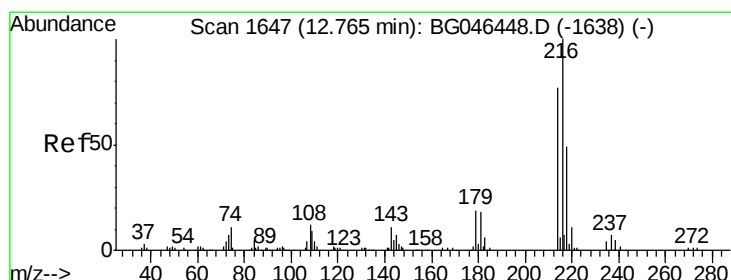
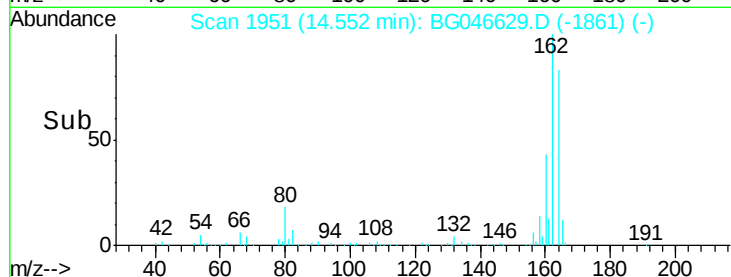
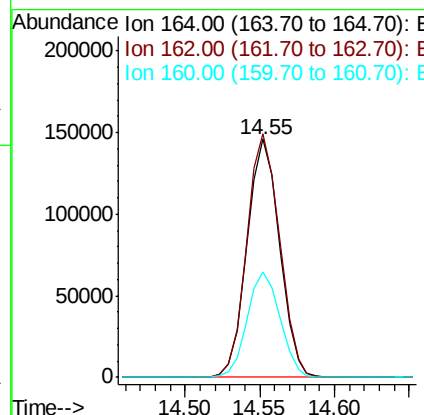
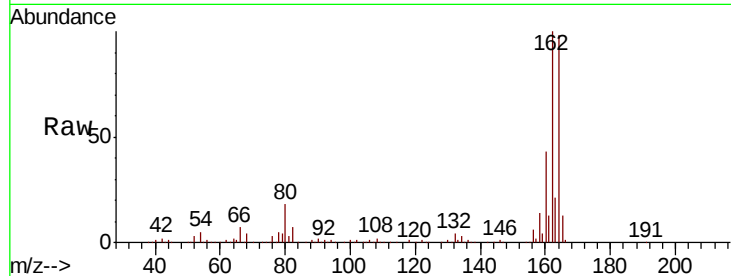
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.55 min Scan# 1951  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 102.1 | 83.3 | 124.9 |       |
| 160     | 44.4  | 35.0 | 52.6  |       |

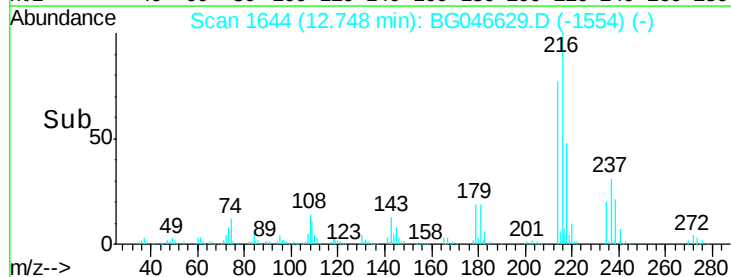
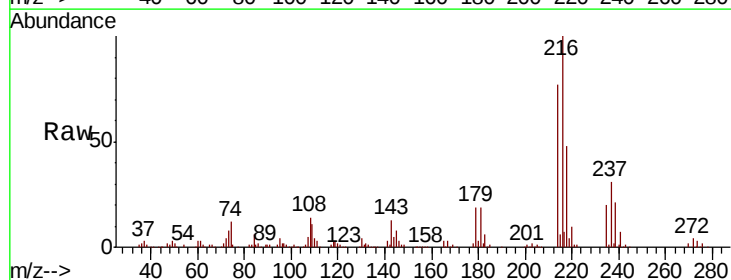
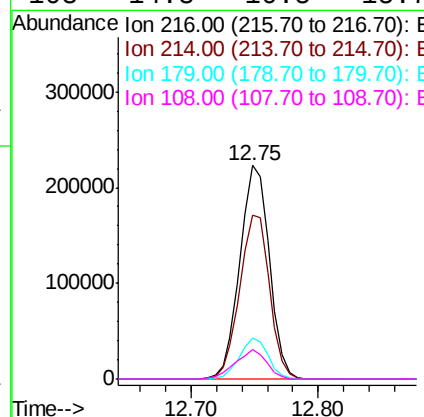
Manual Integrations  
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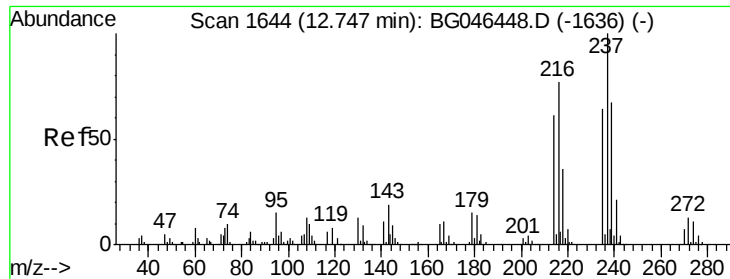
mohammad  
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.443 ng  
RT: 12.75 min Scan# 1644  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 77.9  | 62.1 | 93.1  |       |
| 179     | 18.5  | 14.9 | 22.3  |       |
| 108     | 14.8  | 10.5 | 15.7  |       |





#41

Hexachlorocyclopentadiene

Concen: 116.759 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

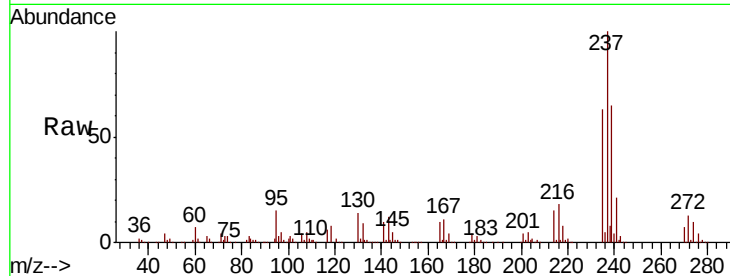
ClientSampleId :

EO-02-091420MSD

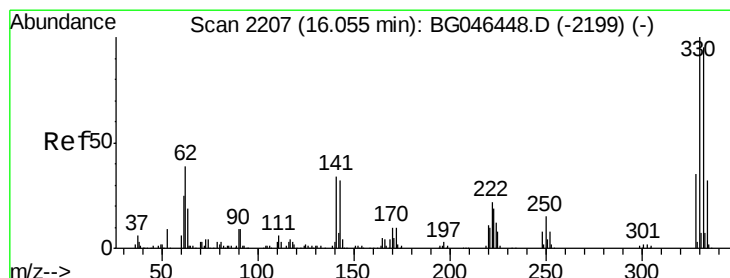
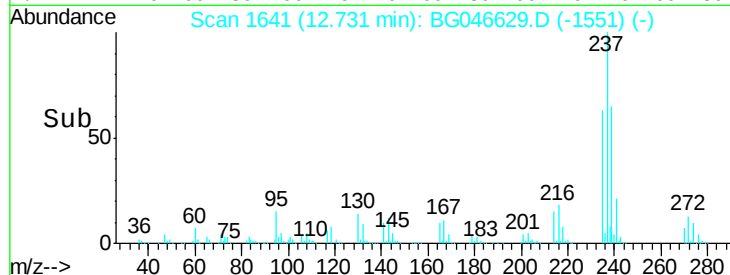
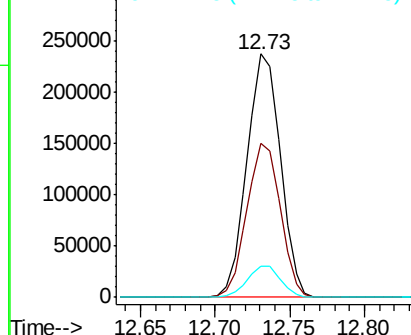
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 237  | Resp: | 368099 |
| Ion Ratio |      | Lower | Upper  |
| 237       | 100  |       |        |
| 235       | 63.3 | 44.5  | 84.5   |
| 272       | 12.9 | 0.0   | 32.8   |

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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: 102.944 ng

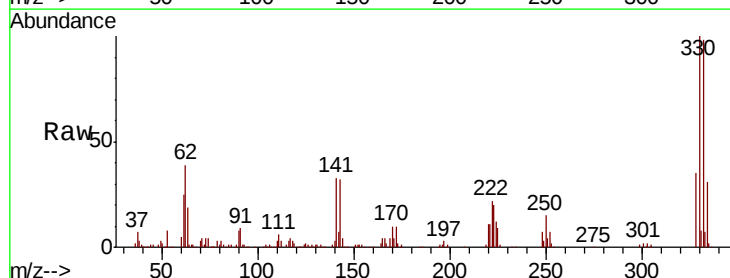
RT: 16.04 min Scan# 2205

Delta R.T. 0.00 min

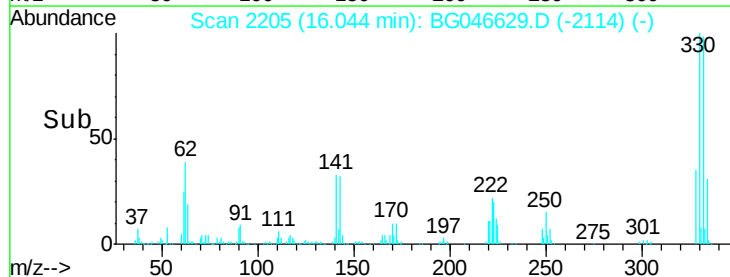
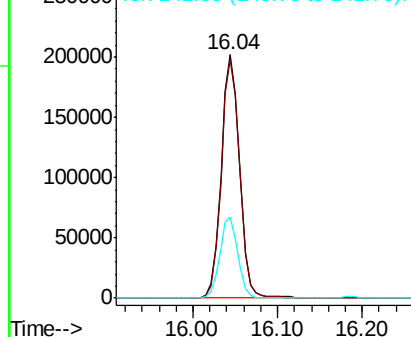
Lab File: BG046629.D

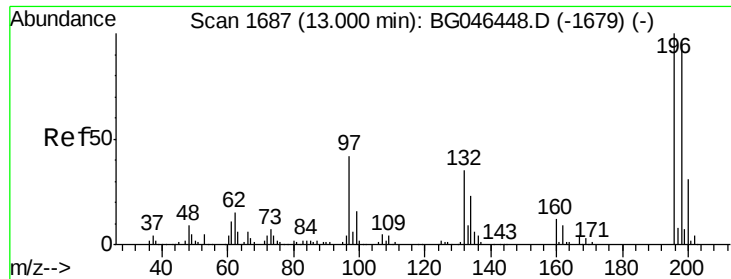
Acq: 15 Sep 2020 18:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 330  | Resp: | 306674 |
| Ion Ratio |      | Lower | Upper  |
| 330       | 100  |       |        |
| 332       | 98.1 | 76.1  | 114.1  |
| 141       | 33.1 | 26.1  | 39.1   |



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





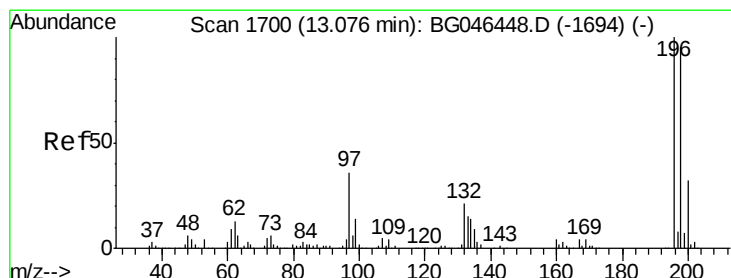
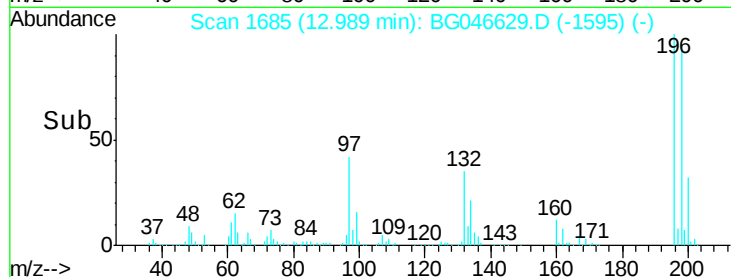
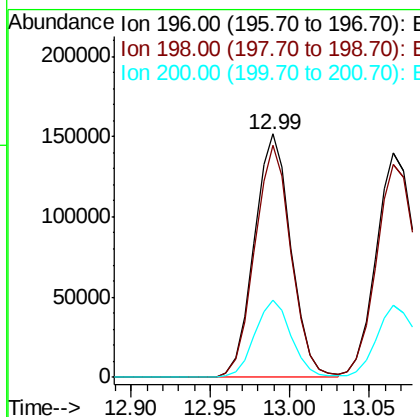
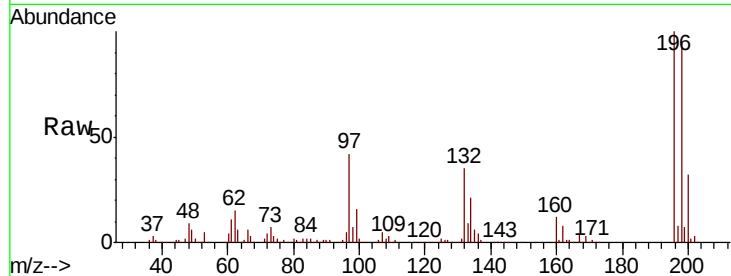
#43  
 2,4,6-Trichlorophenol  
 Concen: 49.875 ng  
 RT: 12.99 min Scan# 1685  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 244030 |       |       |
| 198     | 95.1  | 77.0   | 115.6 |       |
| 200     | 31.6  | 25.2   | 37.8  |       |

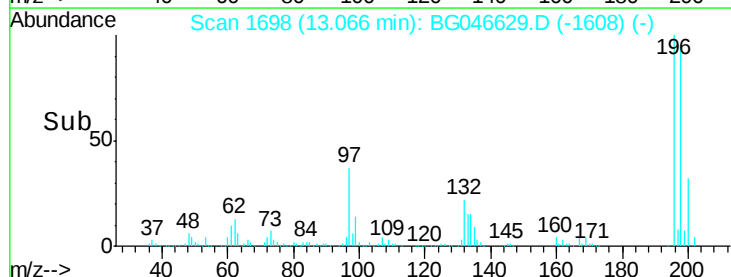
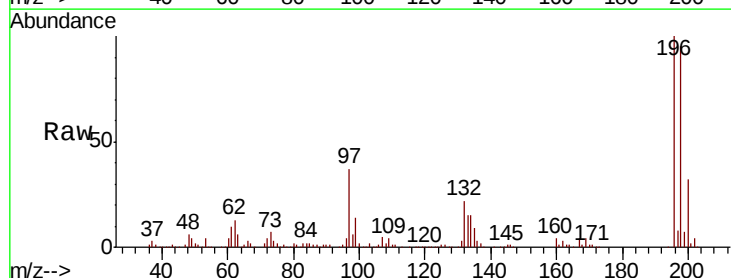
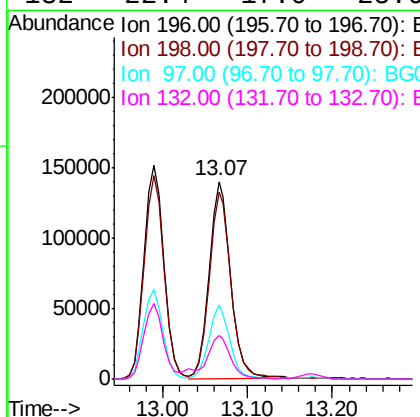
Manual Integrations  
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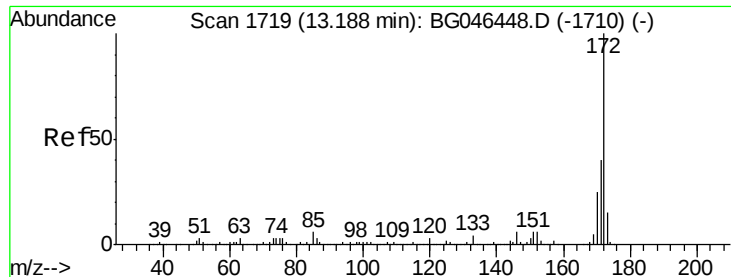
mohammad  
 9/16/2020 10:14:14 AM



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.663 ng  
 RT: 13.07 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 250160 |       |       |
| 198     | 94.6  | 75.6   | 113.4 |       |
| 97      | 37.3  | 28.6   | 43.0  |       |
| 132     | 22.4  | 17.0   | 25.6  |       |





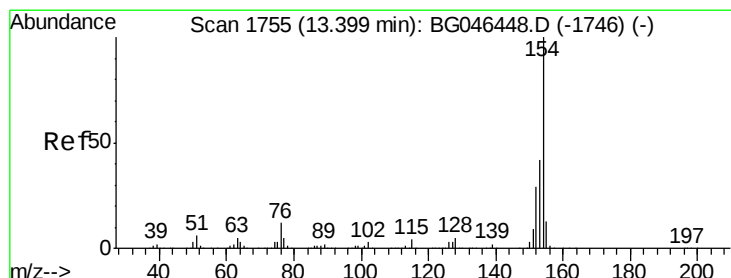
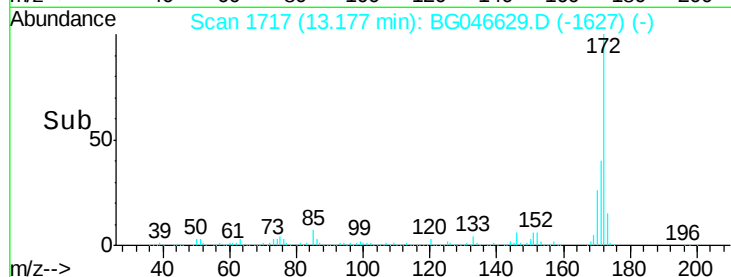
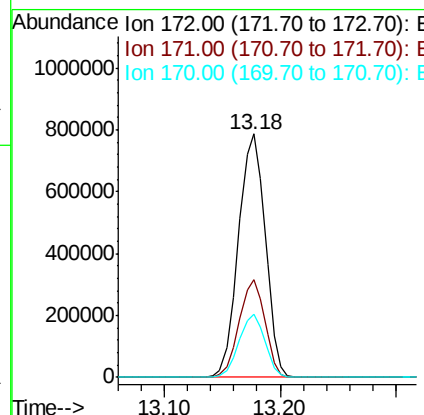
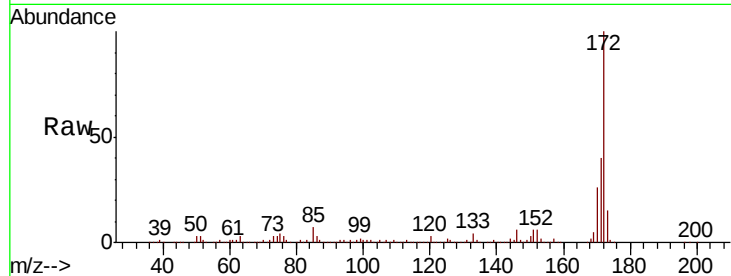
#45  
 2-Fluorobiphenyl  
 Concen: 87.877 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 172     | 100  |       |       |       |
| 171     | 40.3 | 31.8  | 47.6  |       |
| 170     | 26.1 | 20.3  | 30.5  |       |

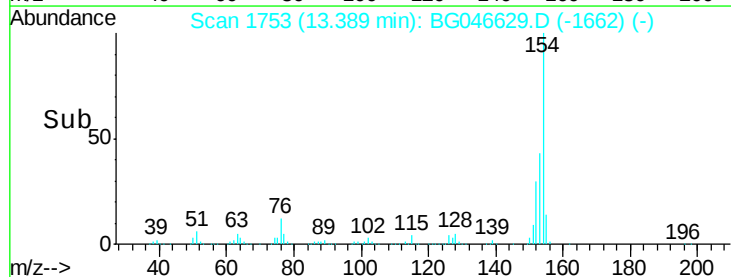
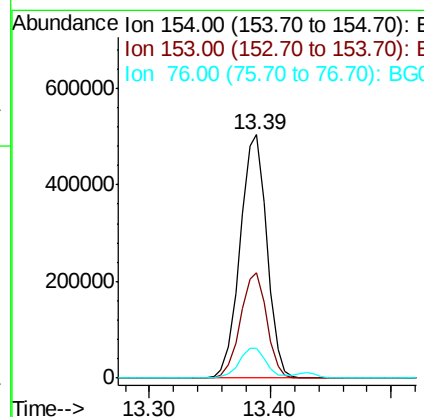
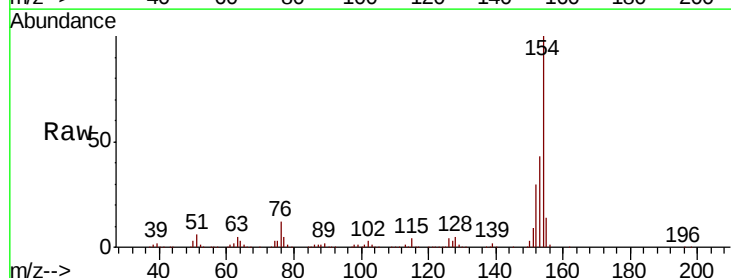
Manual Integrations  
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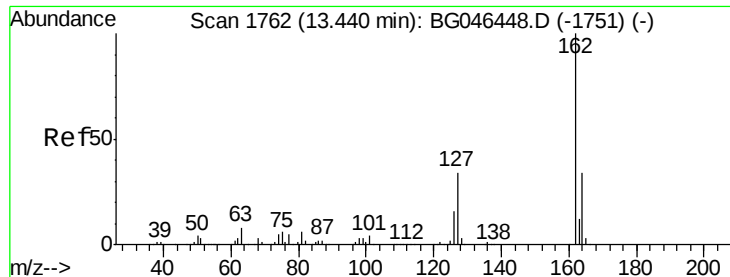
mohammad  
 9/16/2020 10:14:14 AM



#46  
 1,1'-Biphenyl  
 Concen: 50.796 ng  
 RT: 13.39 min Scan# 1753  
 Delta R.T. 0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 154     | 100  |       |       |       |
| 153     | 43.0 | 22.0  | 62.0  |       |
| 76      | 12.2 | 0.0   | 32.3  |       |





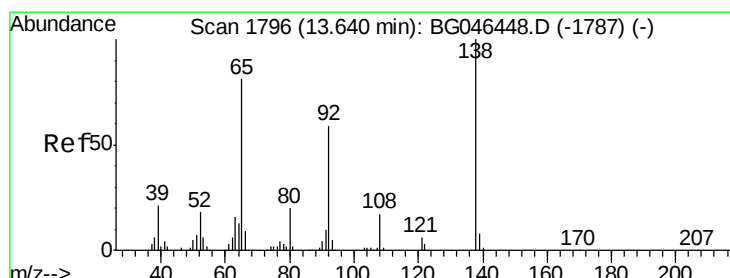
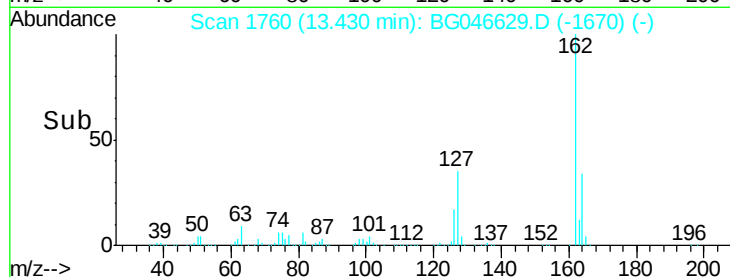
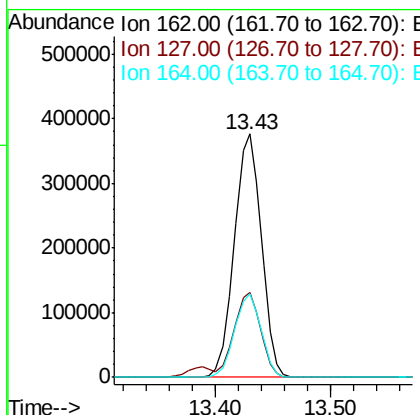
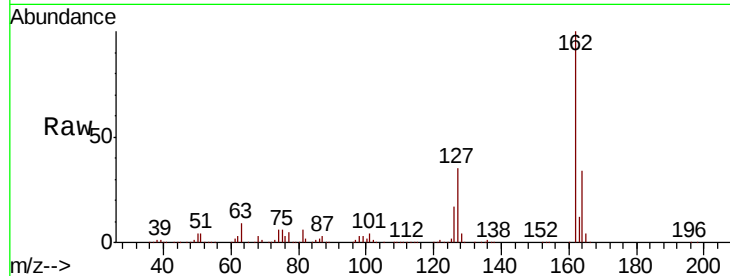
#47  
2-Chloronaphthalene  
Concen: 47.078 ng  
RT: 13.43 min Scan# 1760  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 610593 |       |       |
| 127     | 34.8  |        | 27.6  | 41.4  |
| 164     | 34.3  |        | 27.3  | 40.9  |

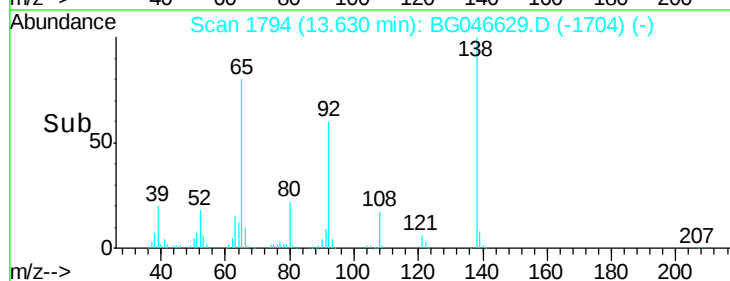
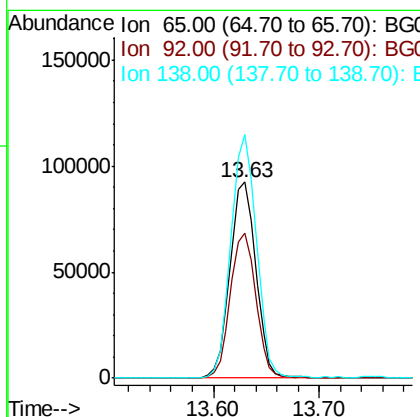
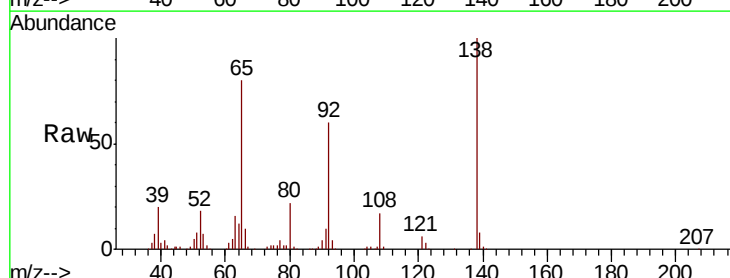
Manual Integrations  
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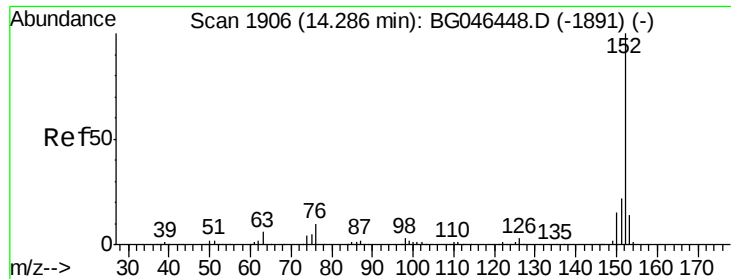
mohammad  
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#48  
2-Nitroaniline  
Concen: 43.674 ng  
RT: 13.63 min Scan# 1794  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 157291 |       |       |
| 92      | 74.2  |        | 58.5  | 87.7  |
| 138     | 124.3 |        | 98.4  | 147.6 |





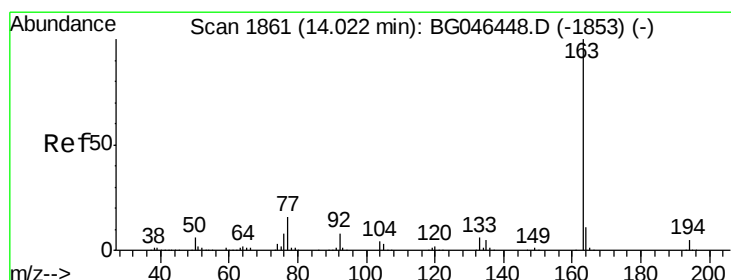
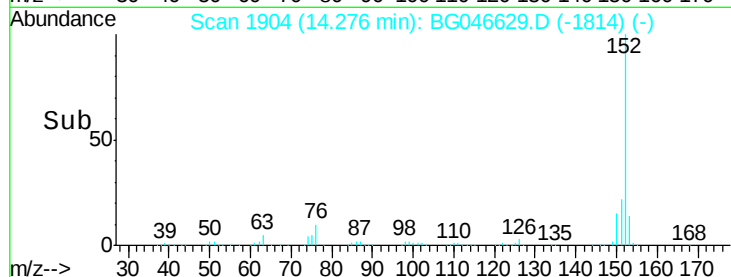
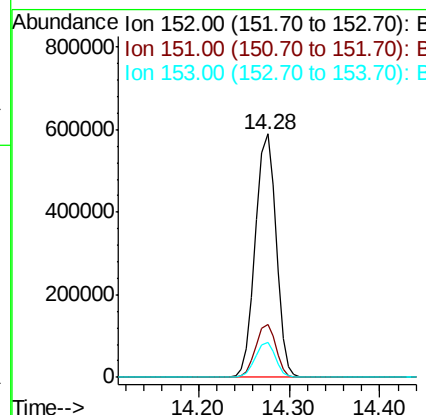
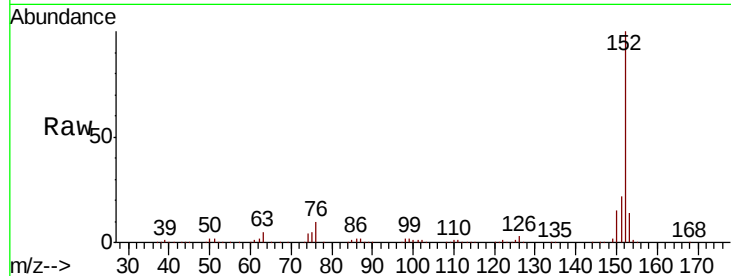
#49  
Acenaphthylene  
Concen: 47.708 ng  
RT: 14.28 min Scan# 1904  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.0  | 17.7  | 26.5  |
| 153     | 14.1  | 11.2  | 16.8  |

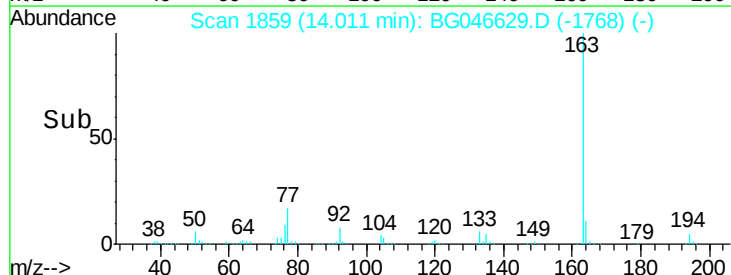
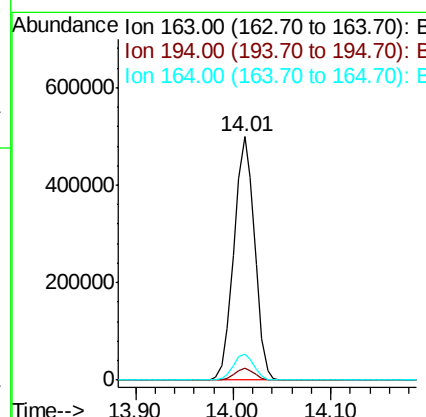
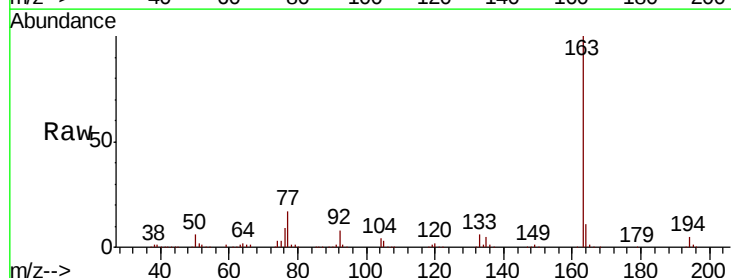
Manual Integrations  
APPROVED

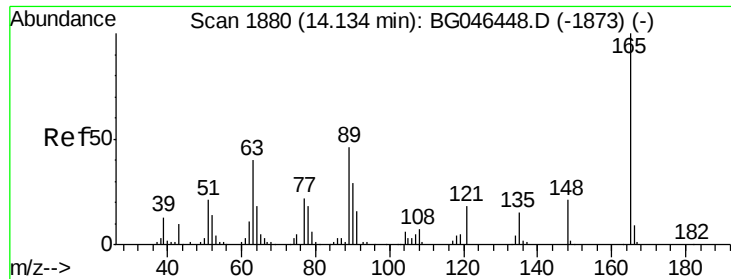
mohammad  
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#50  
Dimethylphthalate  
Concen: 43.153 ng  
RT: 14.01 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.8   | 3.7   | 5.5   |
| 164     | 10.8  | 8.6   | 12.8  |





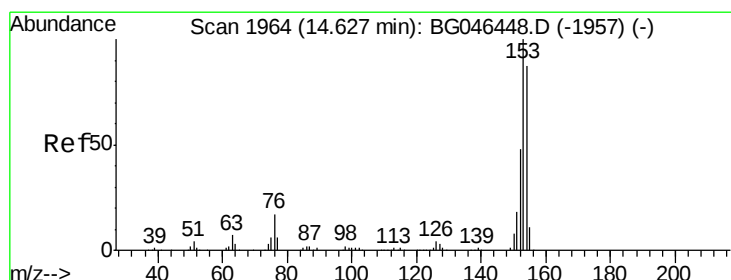
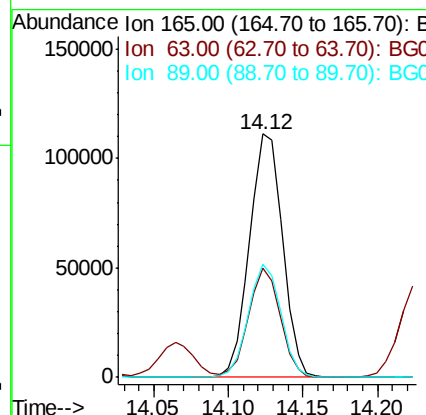
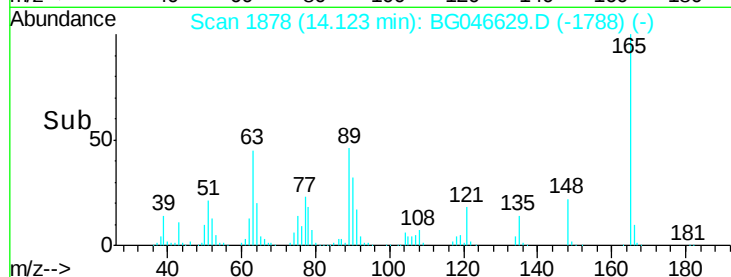
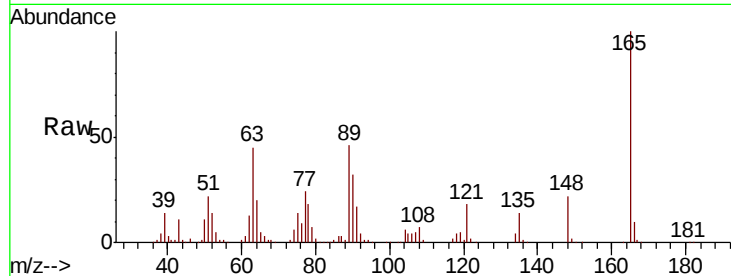
#51  
2,6-Dinitrotoluene  
Concen: 45.414 ng  
RT: 14.12 min Scan# 1878  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 170284 |       |       |
| 63      | 44.8  | 34.2   | 51.4  |       |
| 89      | 46.4  | 37.0   | 55.4  |       |

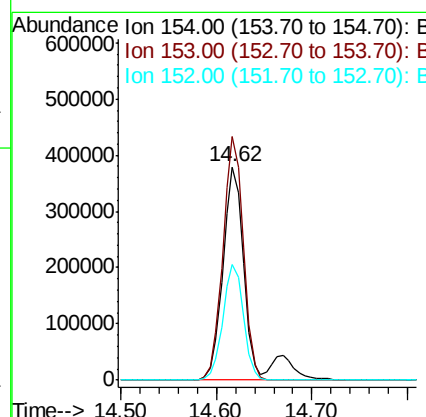
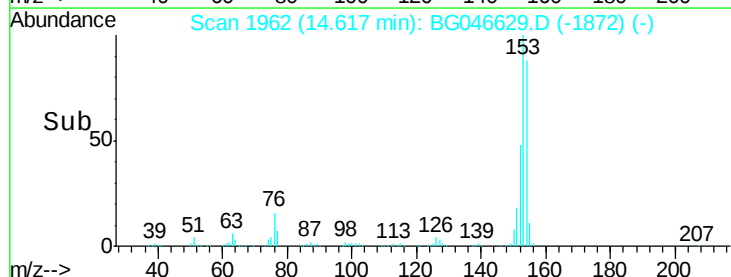
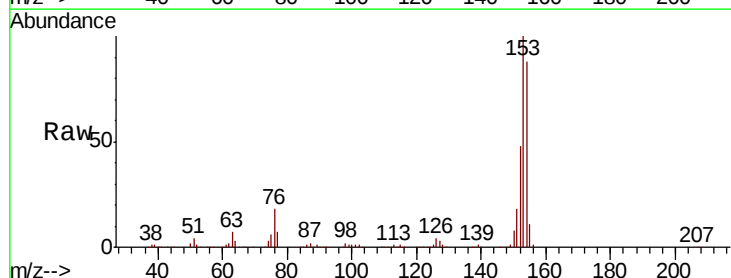
Manual Integrations  
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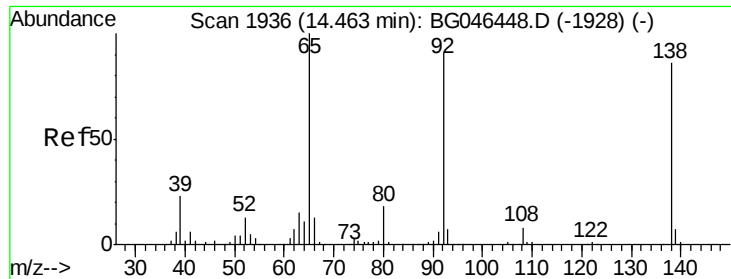
mohammad  
9/16/2020 10:14:14 AM



#52  
Acenaphthene  
Concen: 52.932 ng m  
RT: 14.62 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 645327 |       |       |
| 153     | 114.2 | 91.9   | 137.9 |       |
| 152     | 54.3  | 43.8   | 65.6  |       |





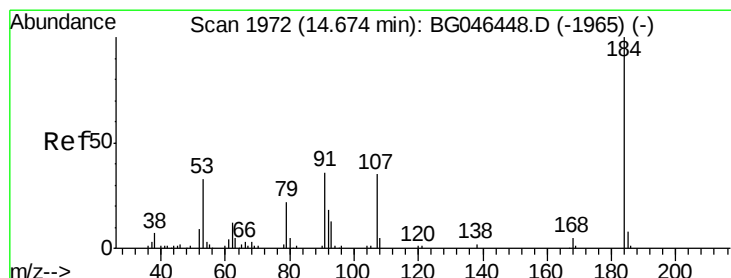
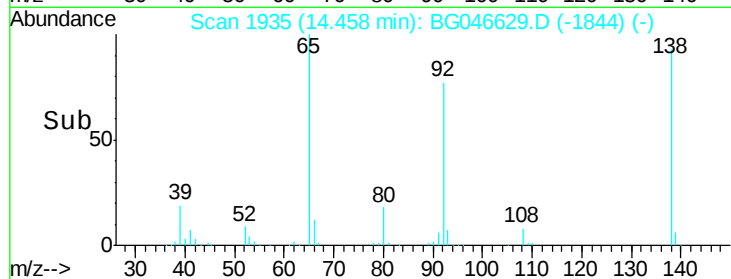
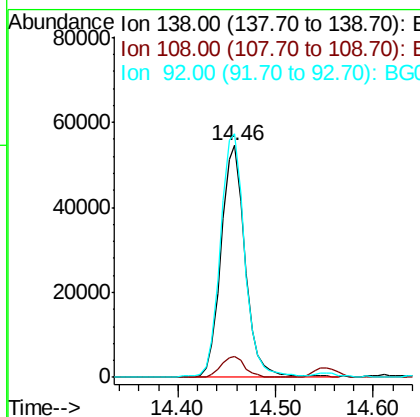
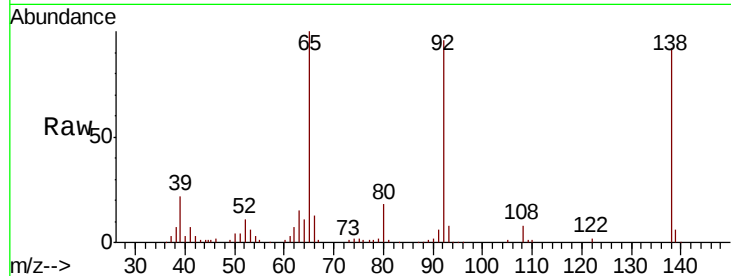
#53  
3-Nitroaniline  
Concen: 23.072 ng  
RT: 14.46 min Scan# 1935  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.2   | 7.0   | 10.6  |
| 92      | 105.2 | 84.6  | 127.0 |

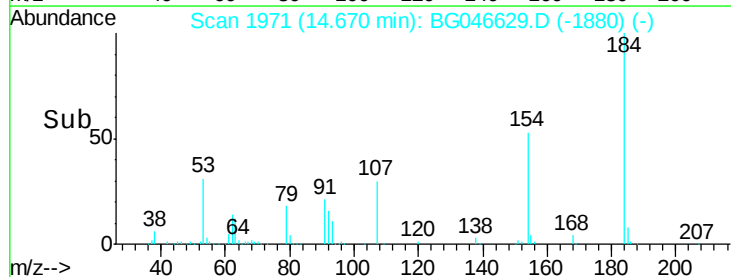
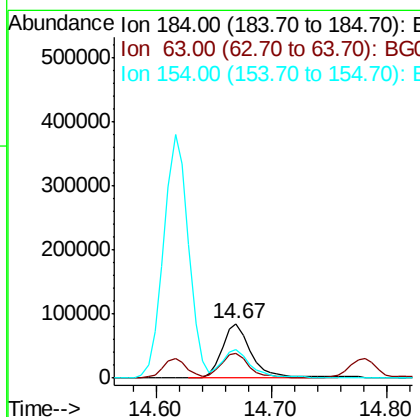
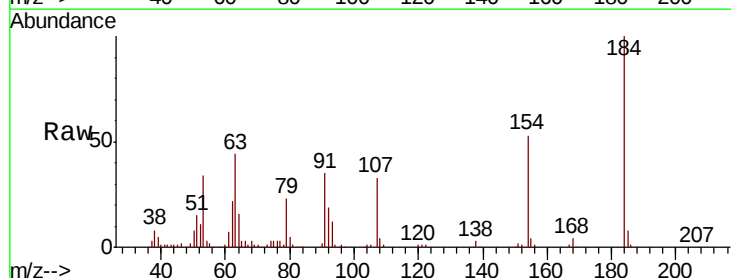
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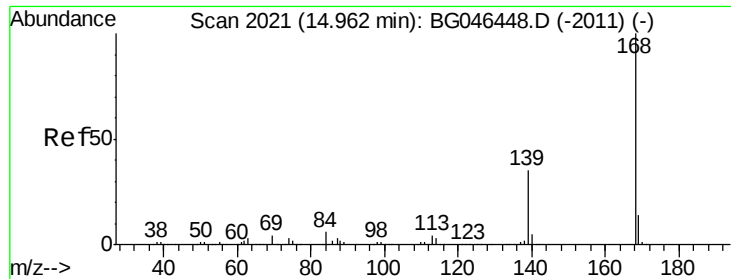
mohammad  
9/16/2020 10:14:14 AM



#54  
2,4-Dinitrophenol  
Concen: 68.054 ng  
RT: 14.67 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 44.4  | 35.6  | 53.4  |
| 154     | 53.3  | 44.3  | 66.5  |





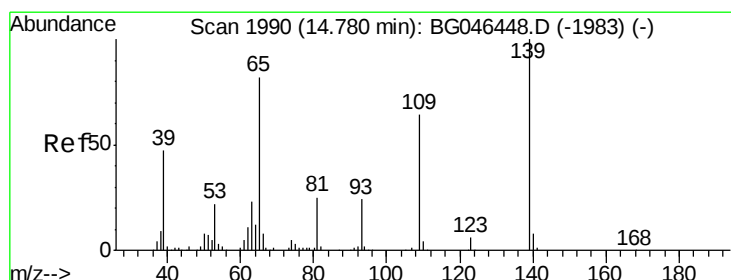
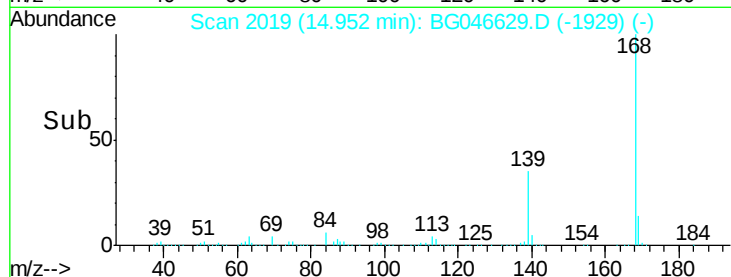
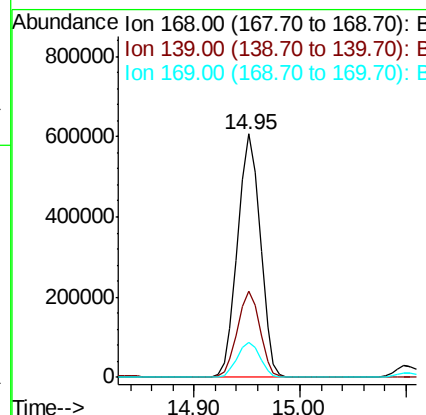
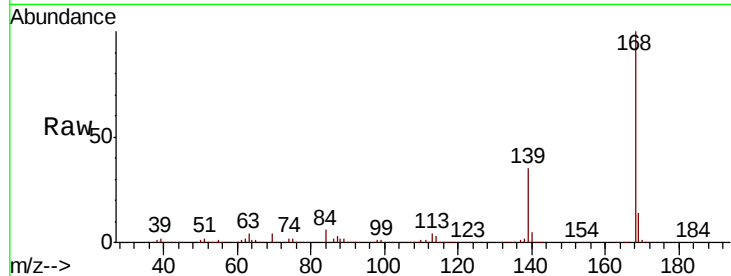
#55  
Dibenzofuran  
Concen: 46.138 ng  
RT: 14.95 min Scan# 2019  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 35.5  | 28.1  | 42.1  |
| 169     | 14.4  | 11.5  | 17.3  |

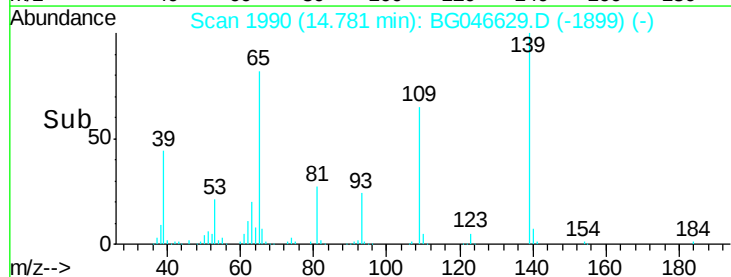
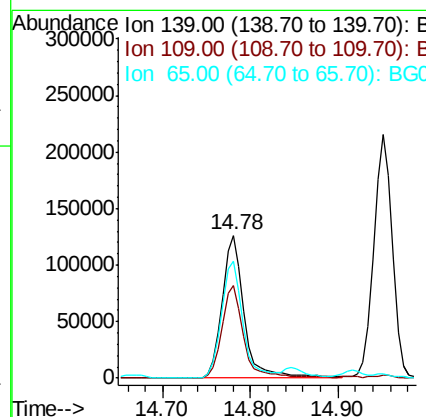
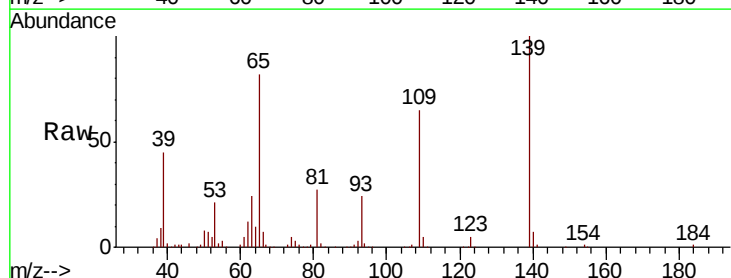
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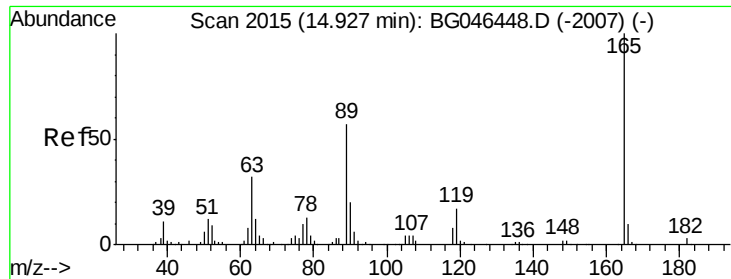
mohammad  
9/16/2020 10:14:14 AM



#56  
4-Nitrophenol  
Concen: 74.130 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 64.7  | 44.3  | 84.3  |
| 65      | 82.1  | 61.5  | 101.5 |





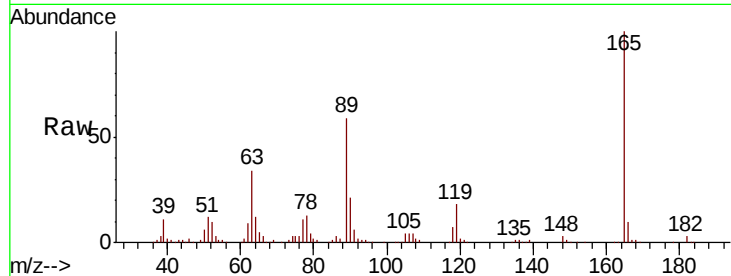
#57  
2,4-Dinitrotoluene  
Concen: 42.509 ng  
RT: 14.92 min Scan# 2013  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

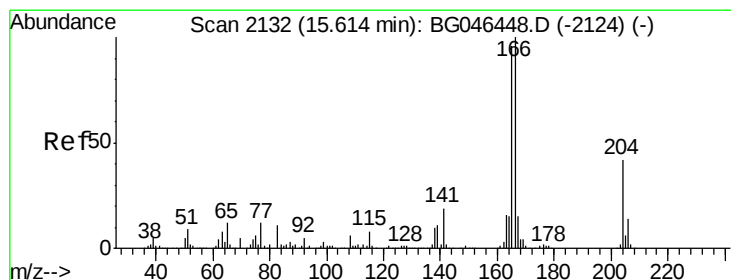
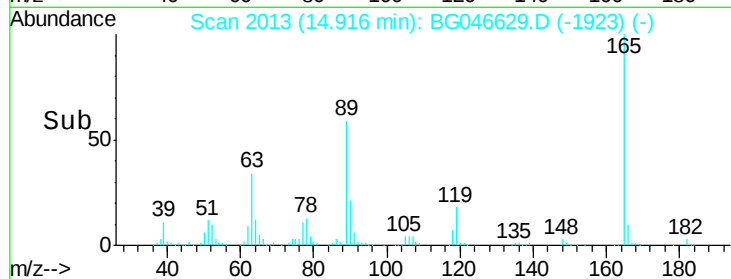
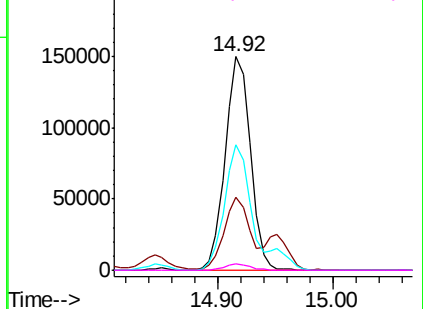
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 227271 |       |       |
| 63      | 33.9  | 25.4   | 38.0  |       |
| 89      | 58.6  | 45.9   | 68.9  |       |
| 182     | 3.2   | 2.3    | 3.5   |       |

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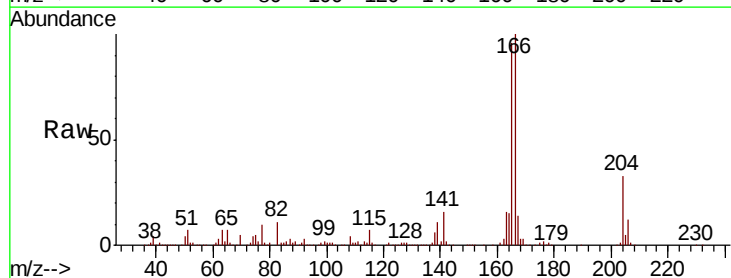


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

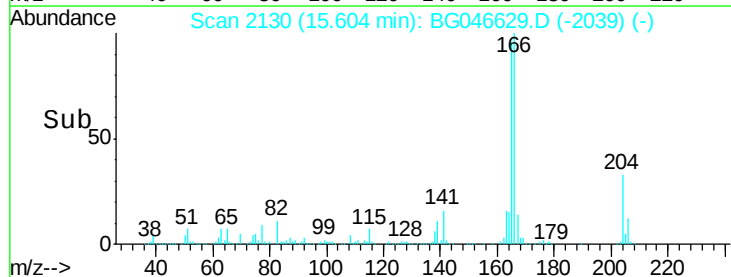
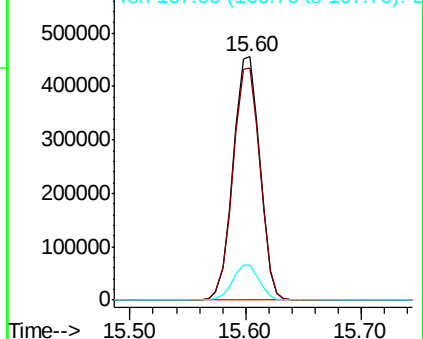


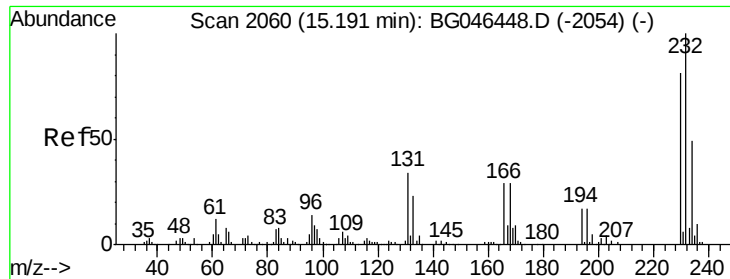
#58  
Fluorene  
Concen: 44.363 ng  
RT: 15.60 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 728508 |       |       |
| 165     | 95.6  | 77.0   | 115.4 |       |
| 167     | 14.1  | 11.8   | 17.6  |       |



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





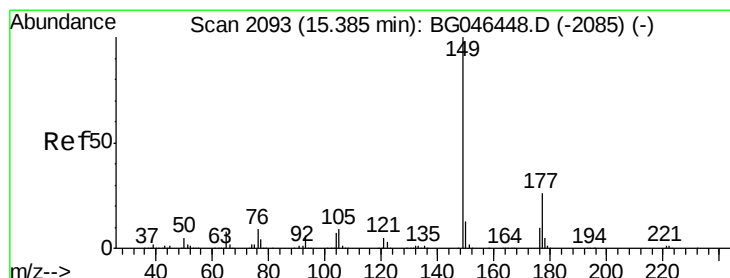
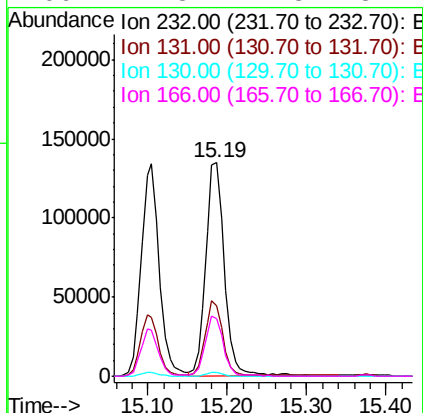
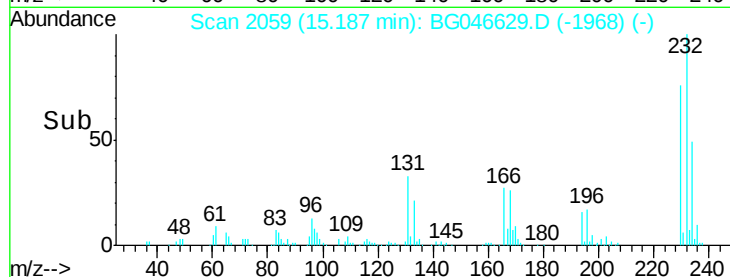
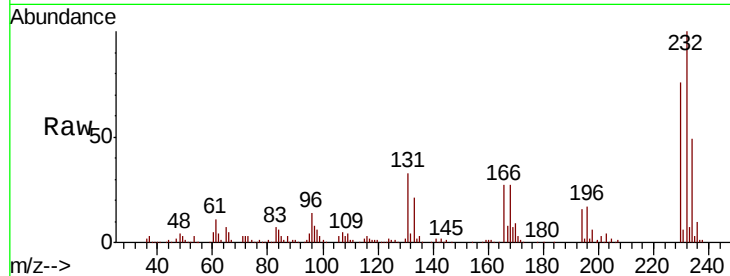
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.275 ng  
 RT: 15.19 min Scan# 2059  
 Delta R.T. 0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 33.2  | 26.8  | 40.2  |
| 130     | 1.9   | 1.4   | 2.2   |
| 166     | 27.3  | 22.8  | 34.2  |

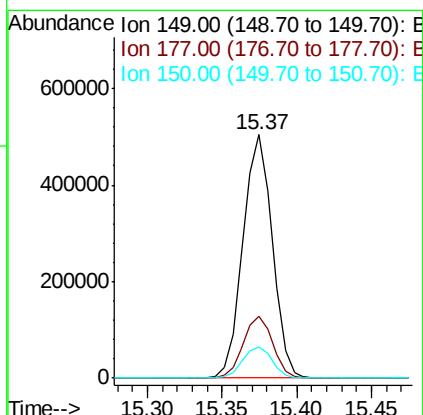
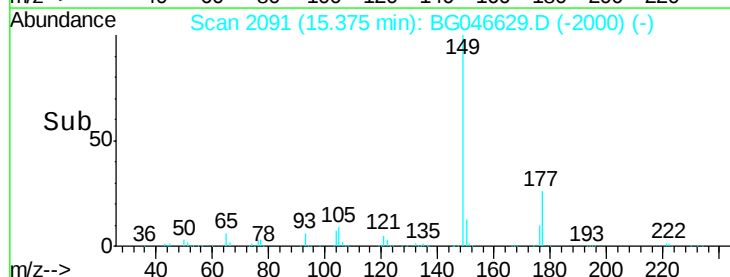
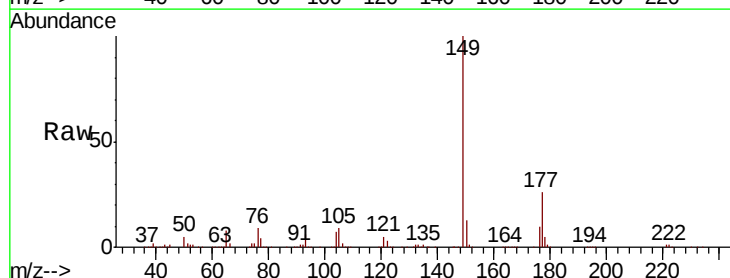
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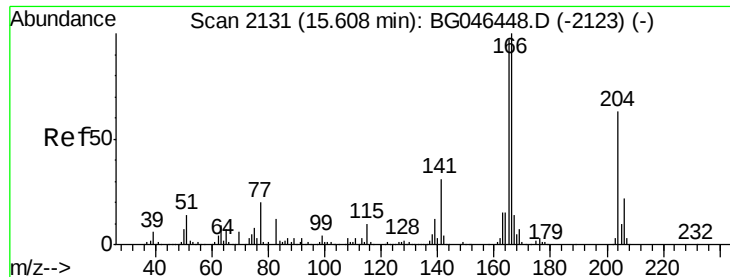
mohammad  
 9/16/2020 10:14:14 AM



#60  
 Diethylphthalate  
 Concen: 41.226 ng  
 RT: 15.37 min Scan# 2091  
 Delta R.T. 0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.6  | 20.6  | 30.8  |
| 150     | 13.0  | 10.3  | 15.5  |





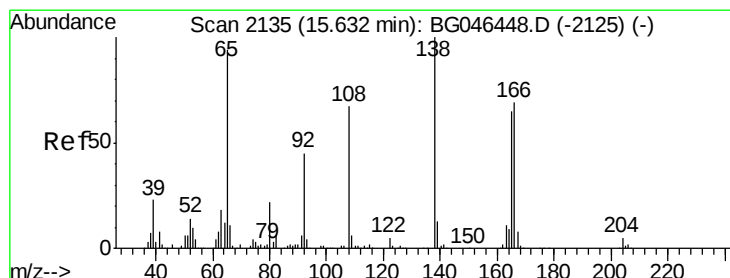
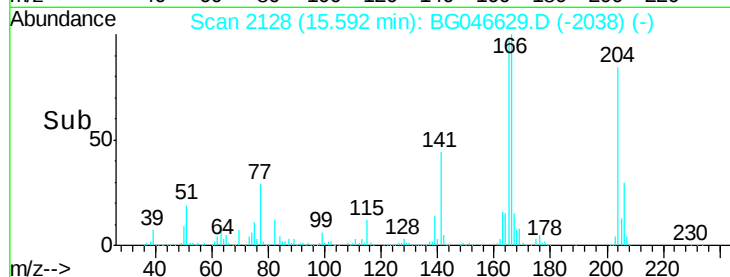
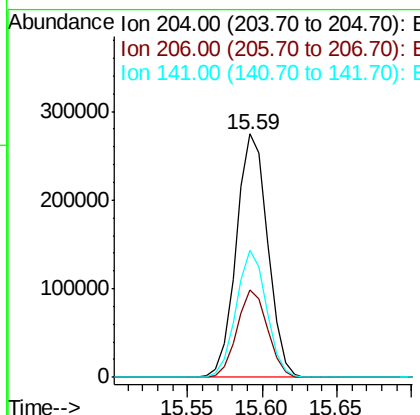
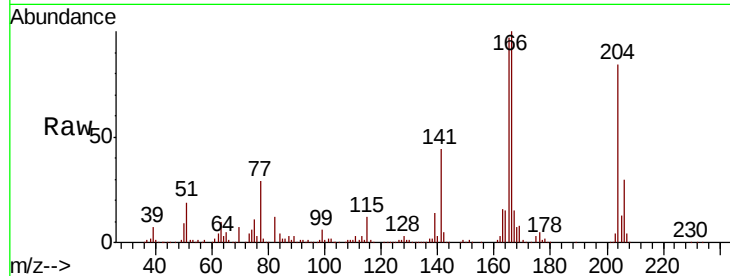
#61  
4-Chlorophenyl-phenylether  
Concen: 44.251 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.7  | 27.7  | 41.5  |
| 141     | 52.3  | 38.7  | 58.1  |

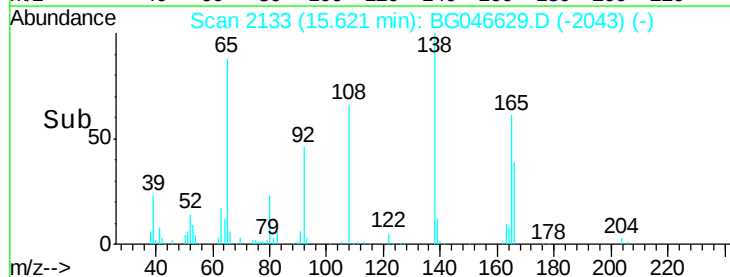
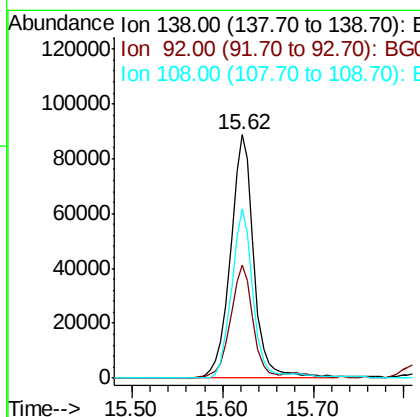
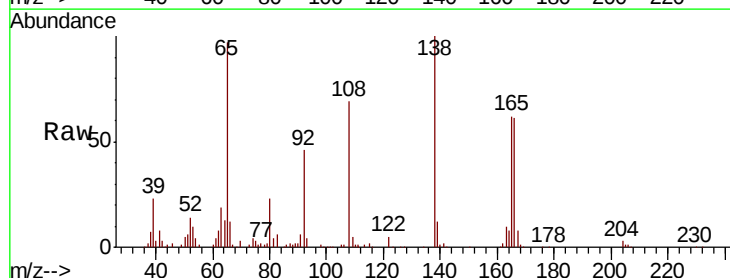
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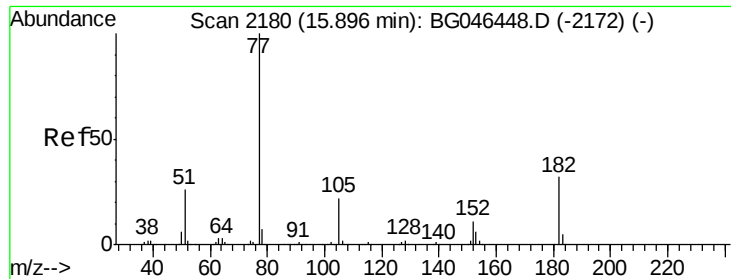
mohammad  
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#62  
4-Nitroaniline  
Concen: 37.268 ng  
RT: 15.62 min Scan# 2133  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.3  | 25.3  | 65.3  |
| 108     | 69.3  | 46.7  | 86.7  |





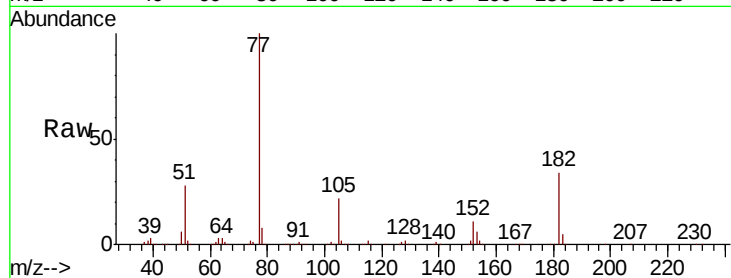
#63  
Azobenzene  
Concen: 44.745 ng  
RT: 15.89 min Scan# 2178  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

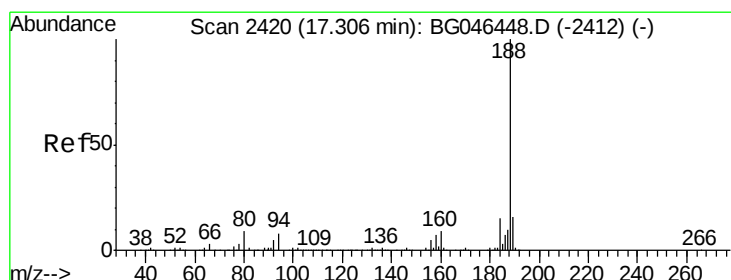
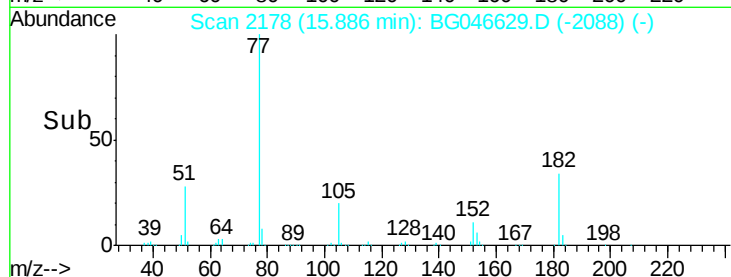
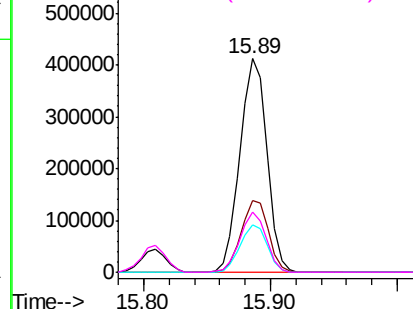
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 33.8 | 12.3  | 52.3  |       |
| 105     | 22.3 | 2.3   | 42.3  |       |
| 51      | 28.0 | 6.5   | 46.5  |       |

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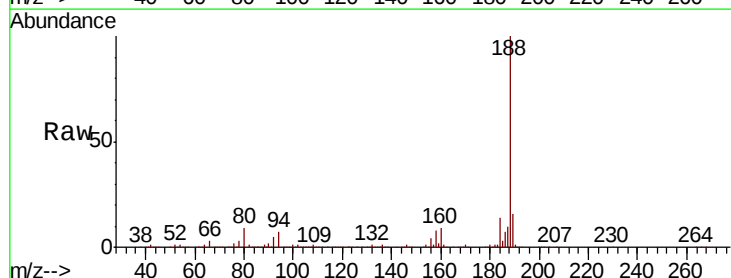


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

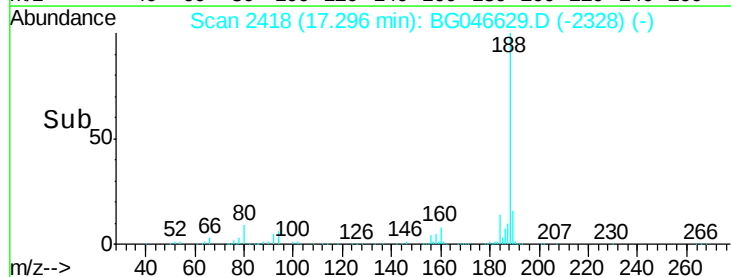
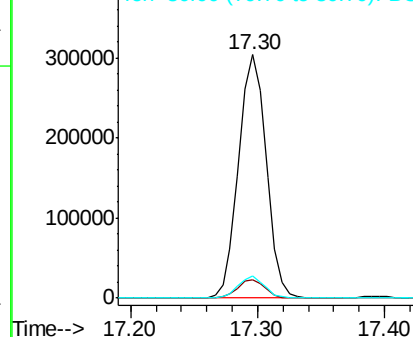


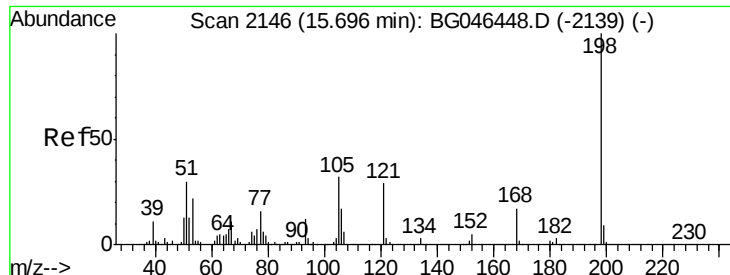
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.30 min Scan# 2418  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 7.3 | 6.3   | 9.5   |       |
| 80      | 8.9 | 6.9   | 10.3  |       |



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





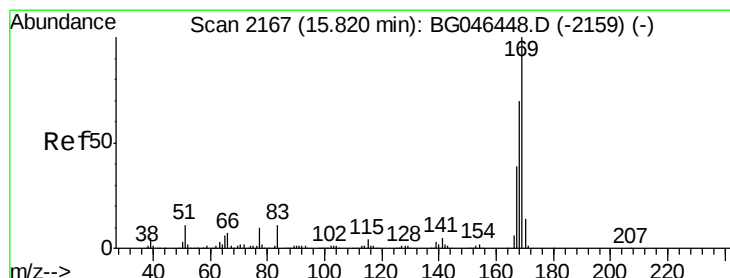
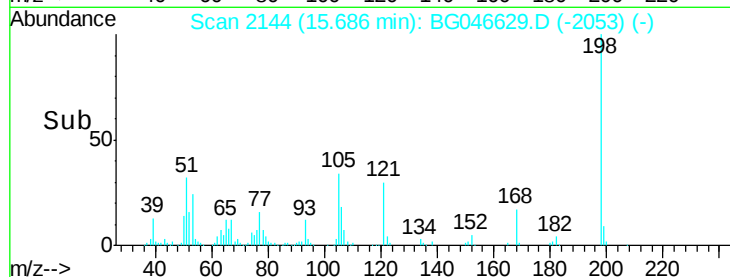
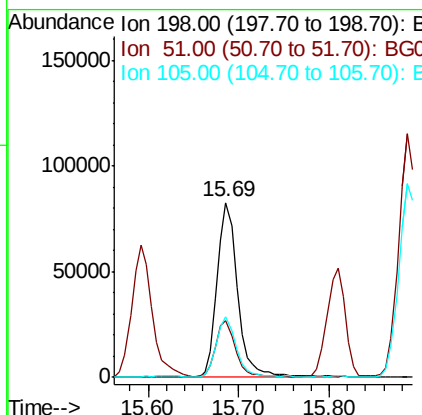
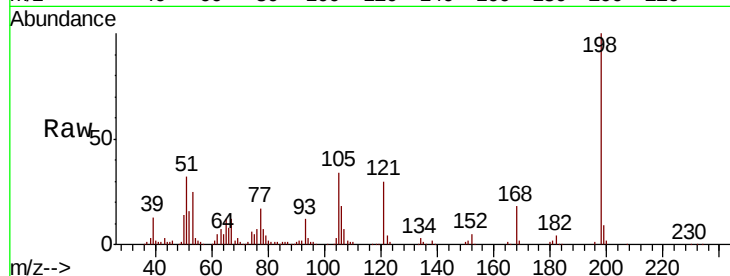
#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.168 ng  
RT: 15.69 min Scan# 2144  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 130384 |       |       |
| 51      | 32.2  | 10.4   | 50.4  |       |
| 105     | 34.4  | 12.4   | 52.4  |       |

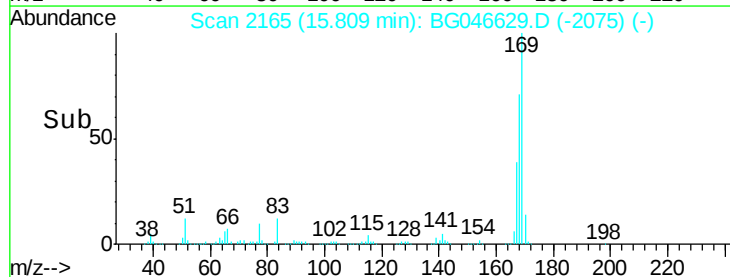
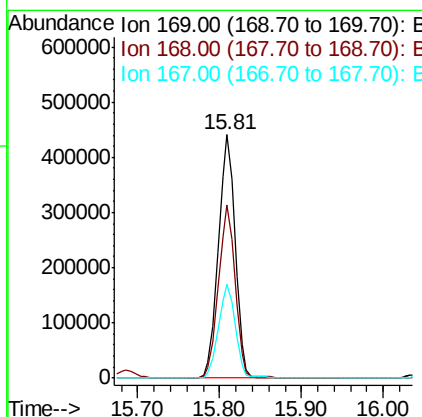
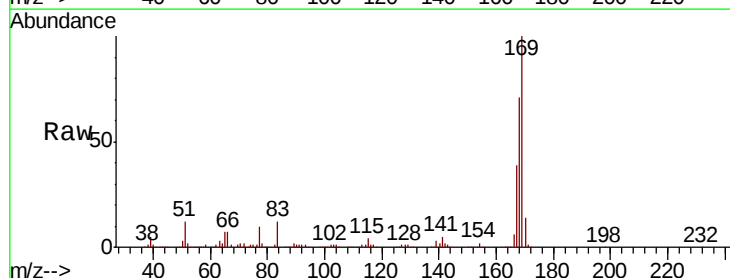
Manual Integrations  
APPROVED

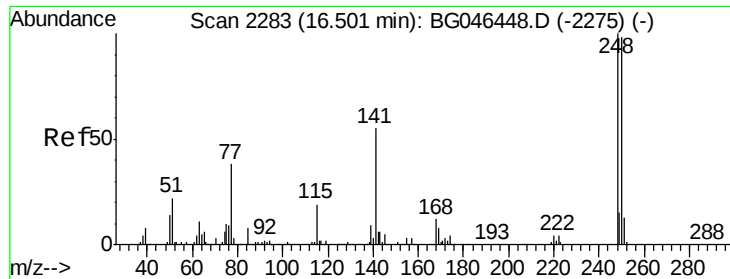
mohammad  
9/16/2020 10:14:14 AM



#66  
n-Nitrosodiphenylamine  
Concen: 51.040 ng  
RT: 15.81 min Scan# 2165  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 632256 |       |       |
| 168     | 70.9  | 55.8   | 83.8  |       |
| 167     | 38.7  | 31.0   | 46.6  |       |





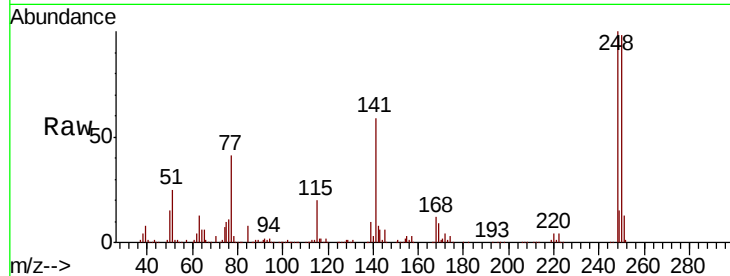
#67  
4-Bromophenyl-phenylether  
Concen: 50.239 ng  
RT: 16.49 min Scan# 2280  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.2  | 78.6  | 118.0 |
| 141     | 58.6  | 43.9  | 65.9  |

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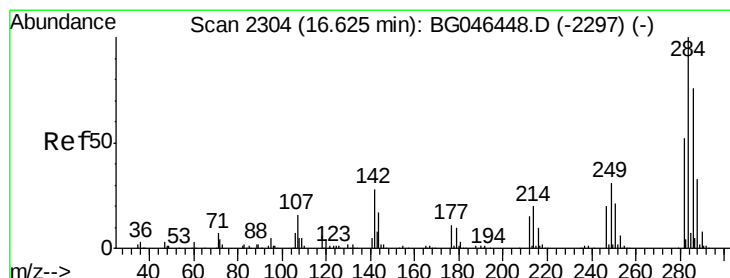
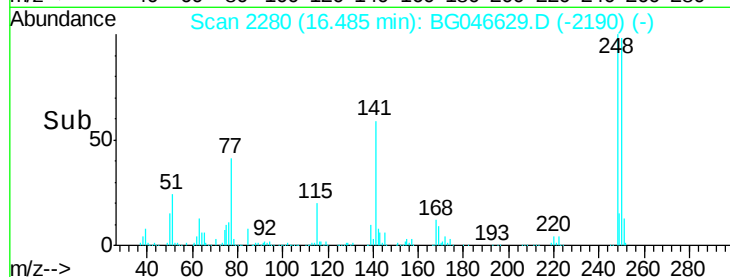
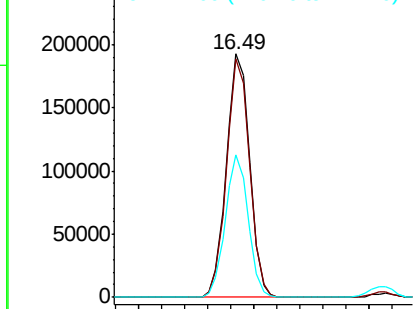


Abundance

Ion 248.00 (247.70 to 248.70): E

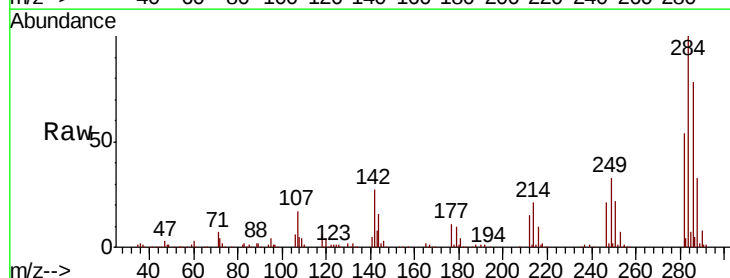
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 47.033 ng  
RT: 16.61 min Scan# 2302  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.3  | 22.3  | 33.5  |
| 249     | 33.1  | 24.8  | 37.2  |

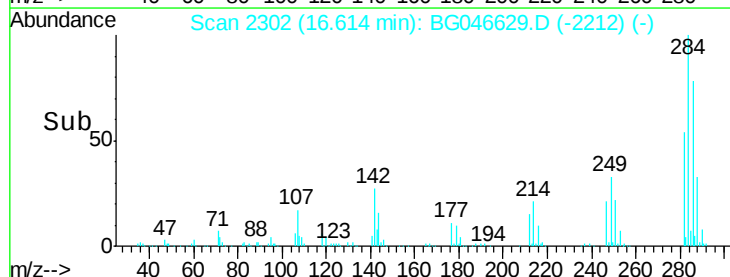
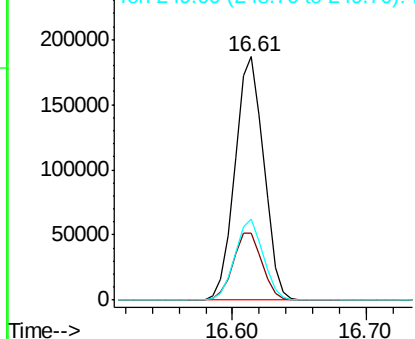


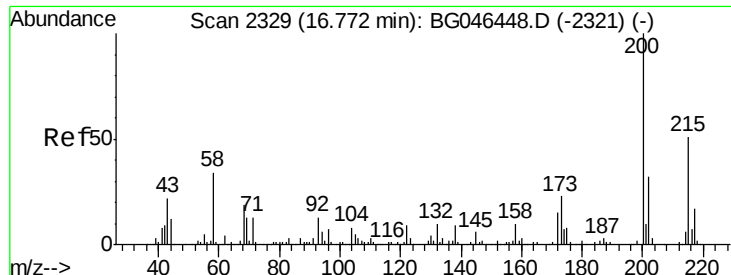
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





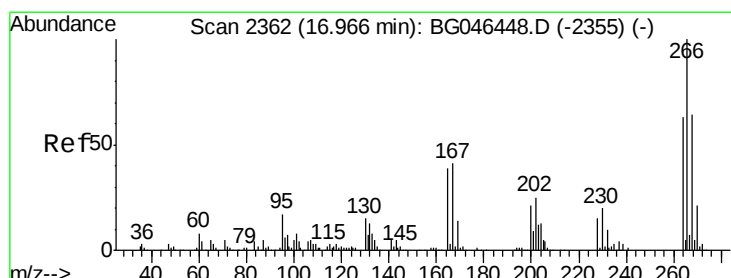
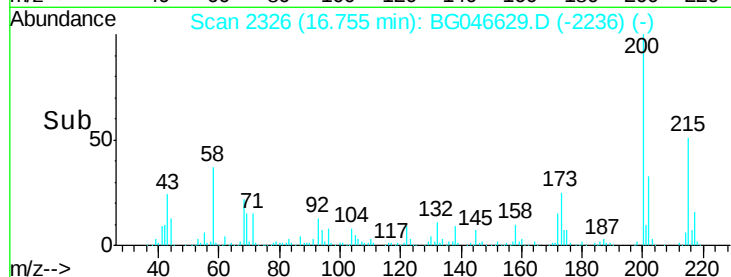
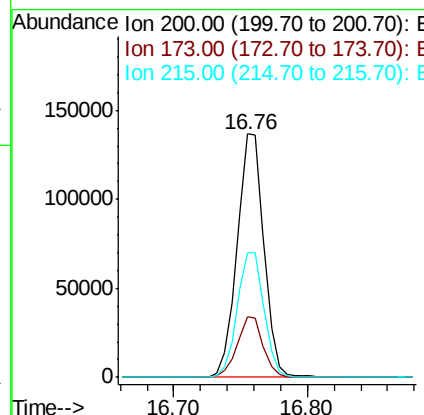
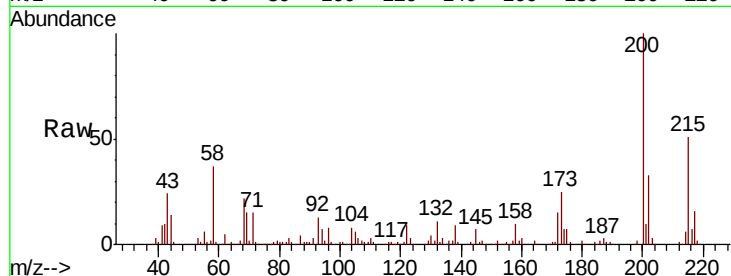
#69  
 Atrazine  
 Concen: 37.935 ng  
 RT: 16.76 min Scan# 2326  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 24.7  | 3.3        | 43.3  |
| 215     | 51.4  | 30.9       | 70.9  |

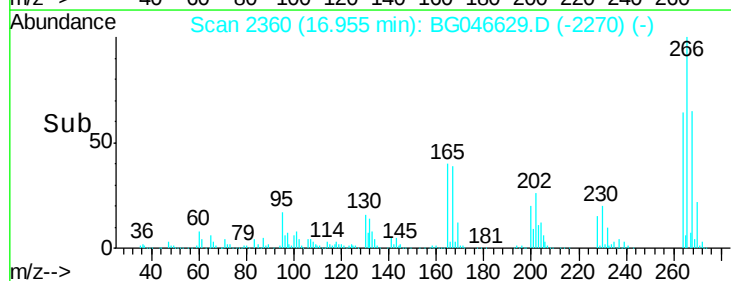
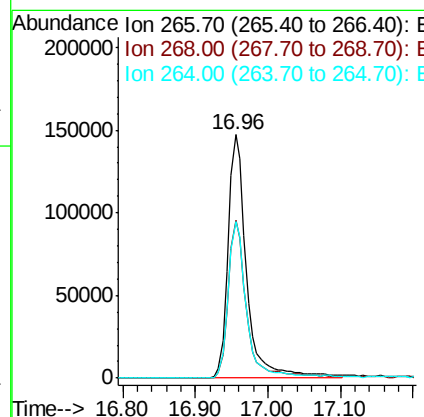
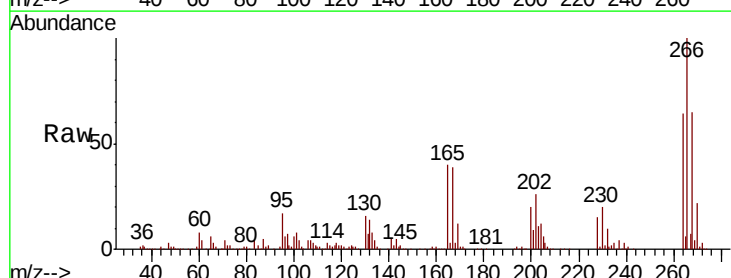
Manual Integrations  
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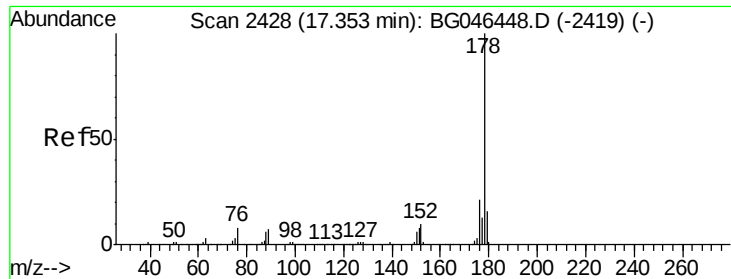
mohammad  
 9/16/2020 10:14:14 AM



#70  
 Pentachlorophenol  
 Concen: 85.056 ng  
 RT: 16.96 min Scan# 2360  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 64.9  | 51.1       | 76.7  |
| 264     | 64.1  | 50.2       | 75.2  |





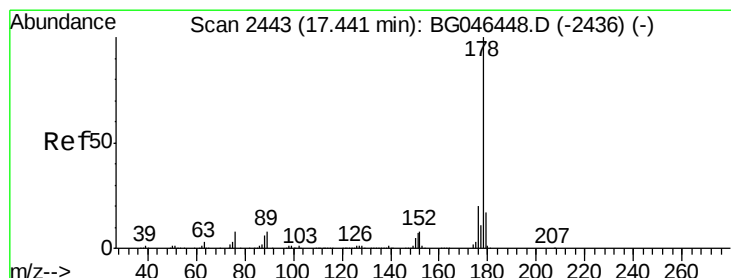
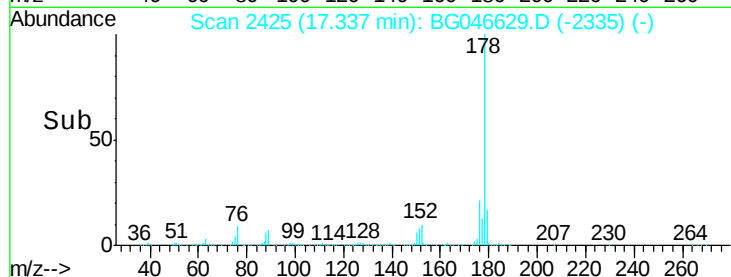
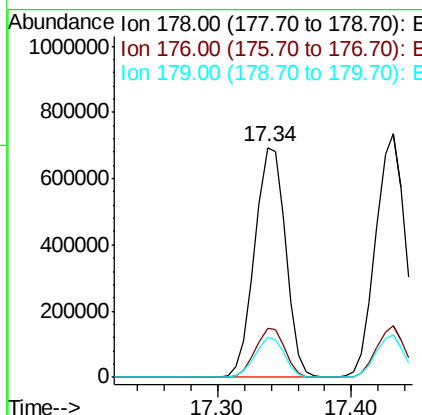
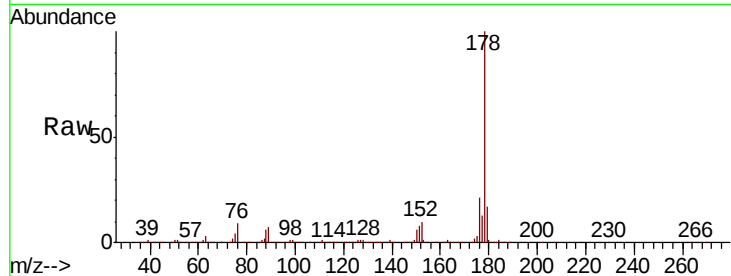
#71  
Phenanthrene  
Concen: 47.614 ng  
RT: 17.34 min Scan# 2425  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

Tot Ion:178 Resp: 1108156  
Ion Ratio Lower Upper  
178 100  
176 21.2 16.8 25.2  
179 17.2 13.2 19.8

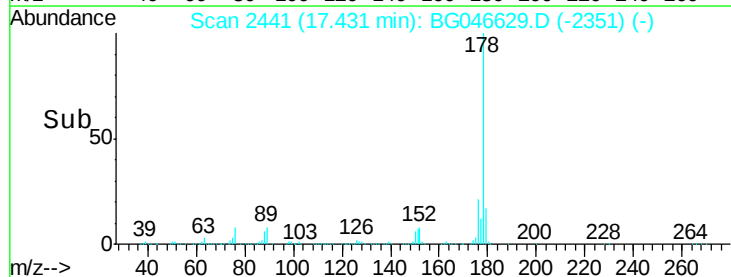
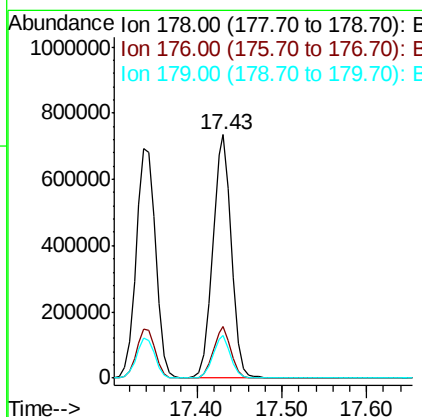
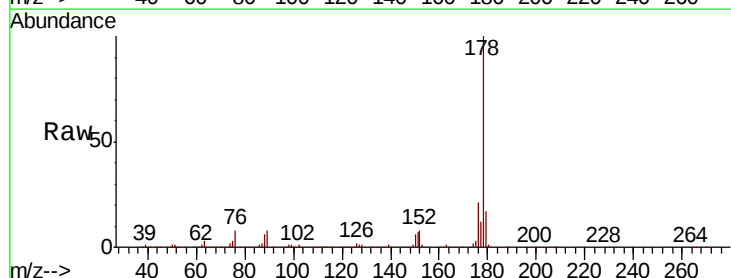
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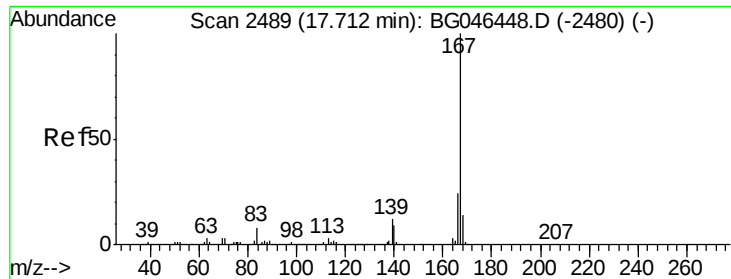
mohammad  
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#72  
Anthracene  
Concen: 49.374 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Tgt Ion:178 Resp: 1133753  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.1 24.1  
179 17.3 13.3 19.9





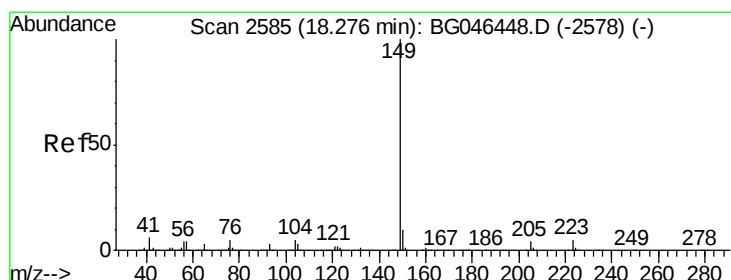
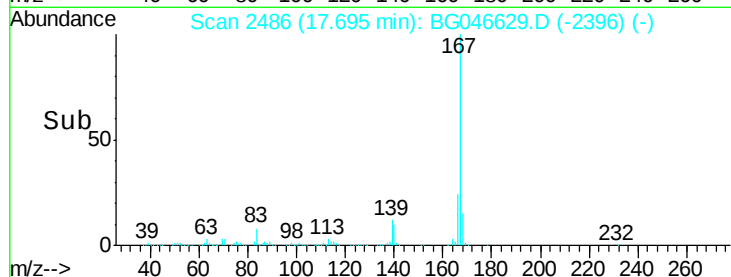
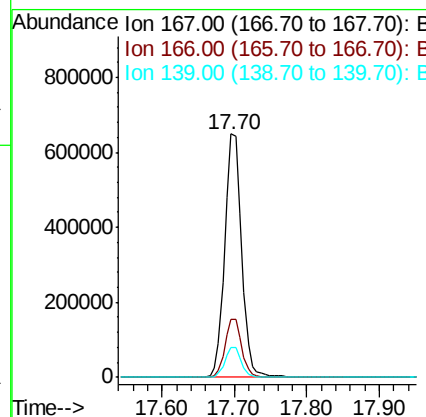
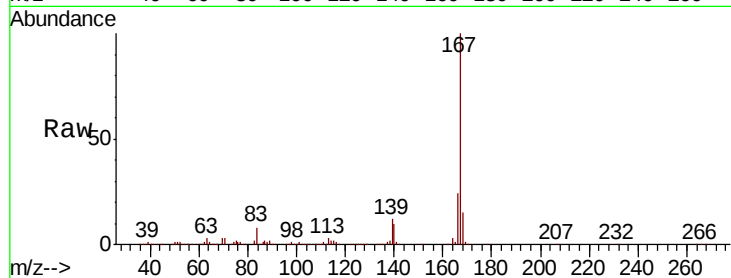
#73  
 Carbazole  
 Concen: 48.678 ng  
 RT: 17.70 min Scan# 2486  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.9  | 19.3  | 28.9  |
| 139     | 12.2  | 9.7   | 14.5  |

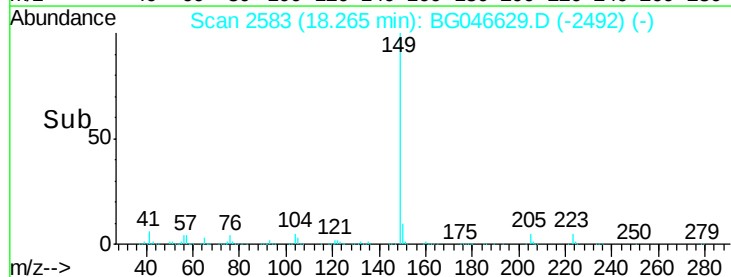
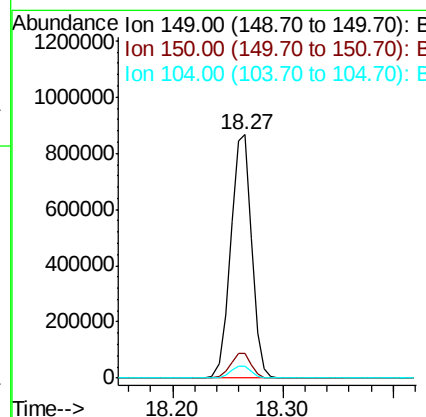
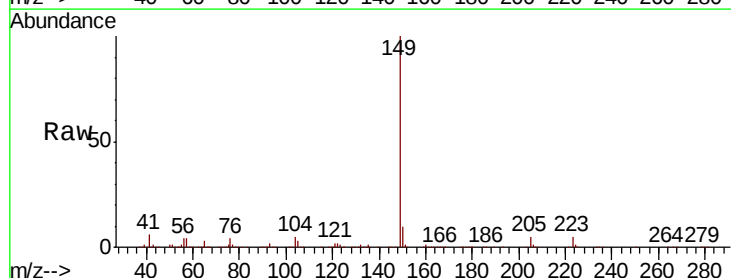
Manual Integrations  
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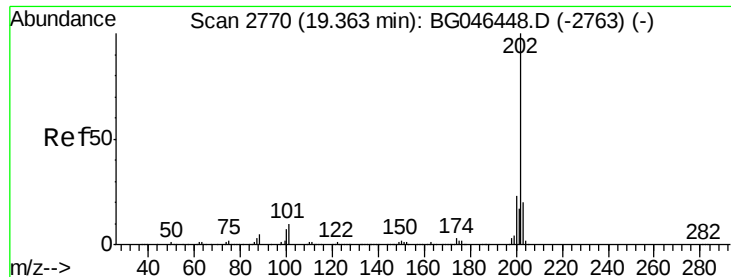
mohammad  
 9/16/2020 10:14:14 AM



#74  
 Di-n-butylphthalate  
 Concen: 46.243 ng  
 RT: 18.27 min Scan# 2583  
 Delta R.T. 0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.3  | 8.1   | 12.1  |
| 104     | 4.8   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 47.419 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

ClientSampleId :

EO-02-091420MSD

Tot Ion:202 Resp: 1420249

Ion Ratio Lower Upper

202 100

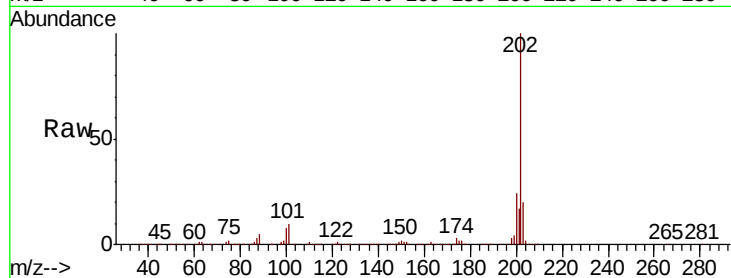
101 9.9 0.0 29.9

203 20.3 0.0 40.0

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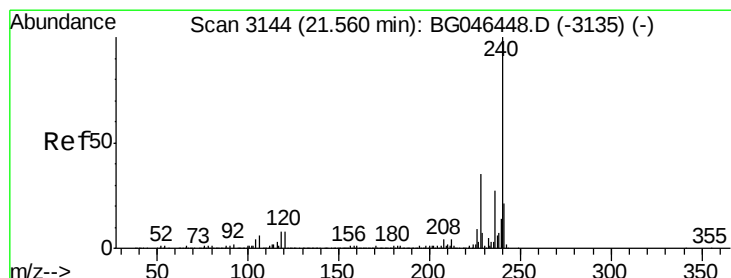
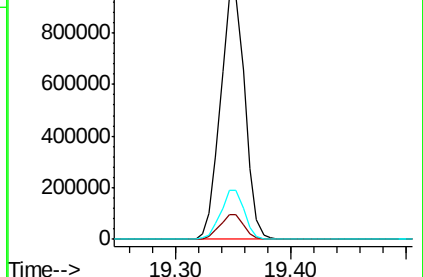
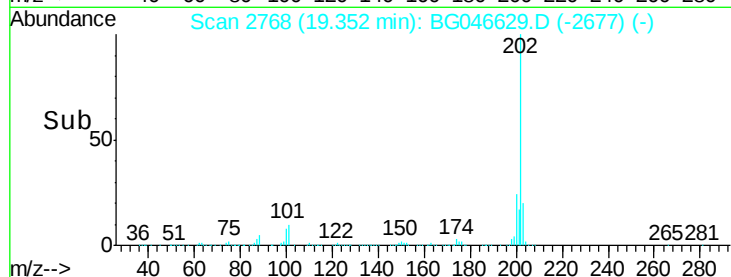
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Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

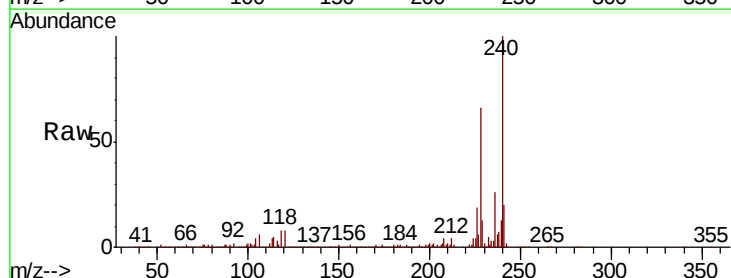
Tgt Ion:240 Resp: 488576

Ion Ratio Lower Upper

240 100

120 8.2 6.6 10.0

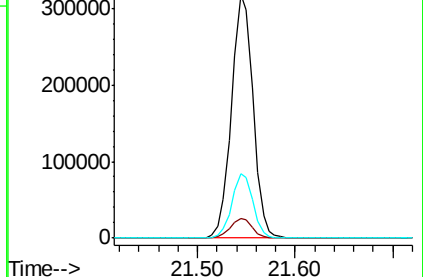
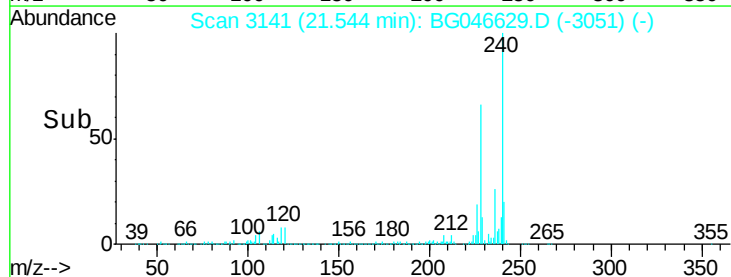
236 26.4 21.4 32.2

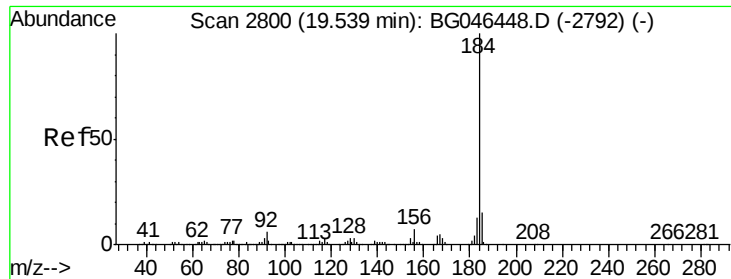


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.841 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

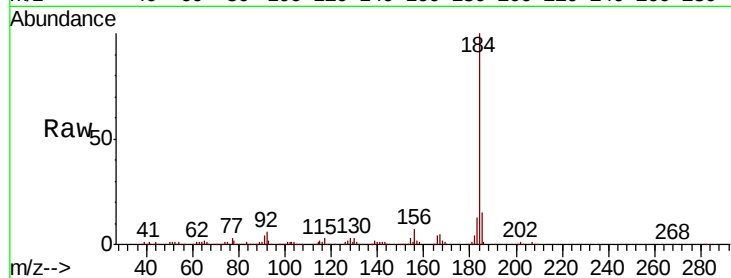
ClientSampleId :

EO-02-091420MSD

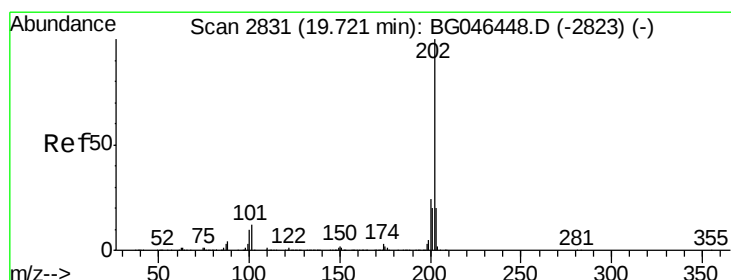
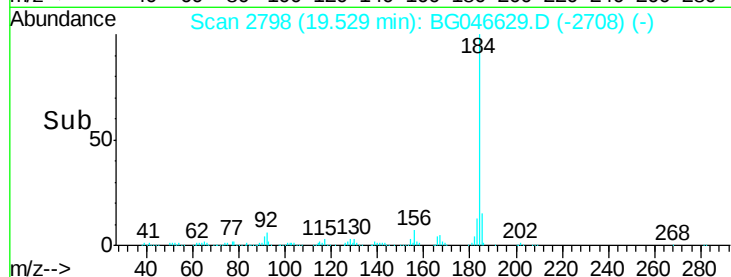
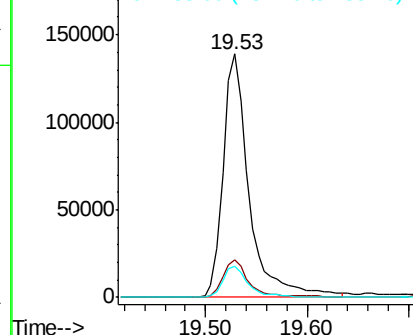
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 247964 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.4  | 11.8  | 17.8   |
| 183       | 12.8  | 10.7  | 16.1   |

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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: 46.265 ng

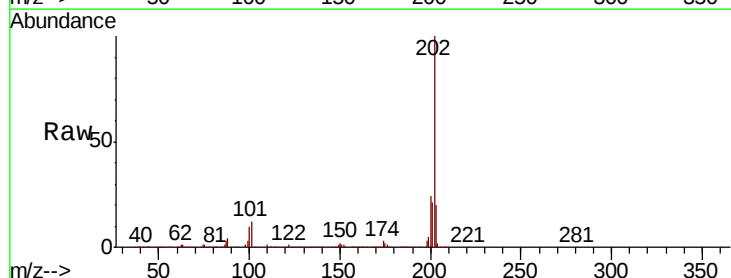
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

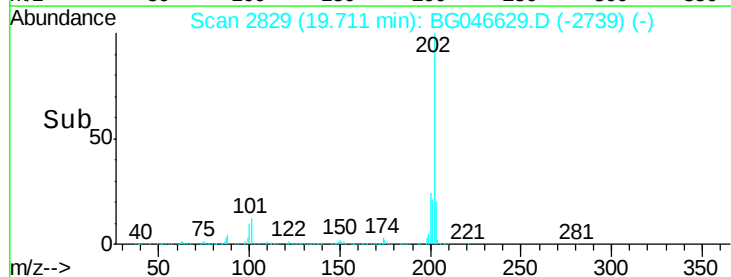
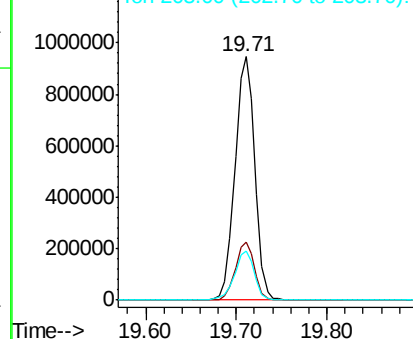
Lab File: BG046629.D

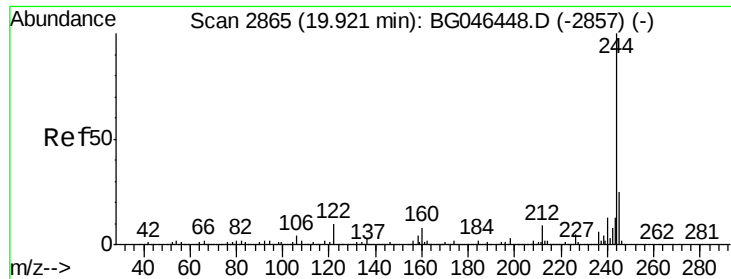
Acq: 15 Sep 2020 18:07

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1439398 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 24.1  | 18.9  | 28.3    |
| 203       | 20.3  | 16.1  | 24.1    |



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: 75.916 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

ClientSampleId :

EO-02-091420MSD

Tot Ion:244 Resp: 1742849

Ion Ratio Lower Upper

244 100

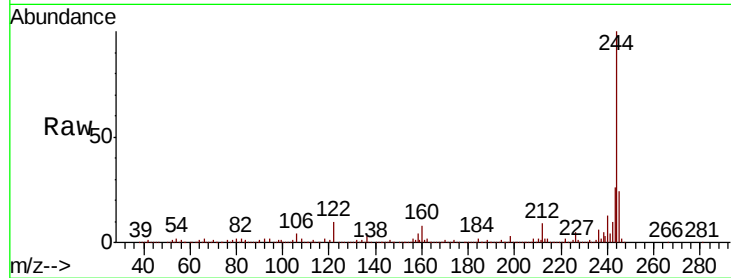
212 8.8 6.9 10.3

122 10.1 8.2 12.4

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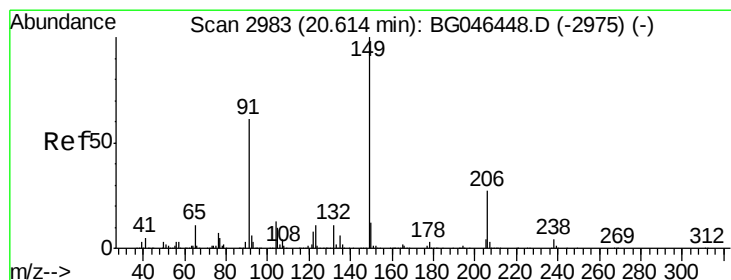
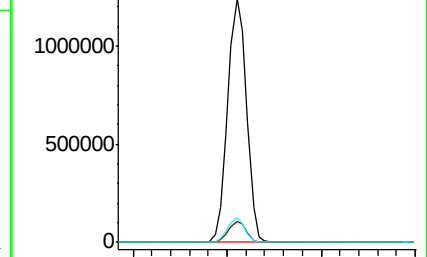
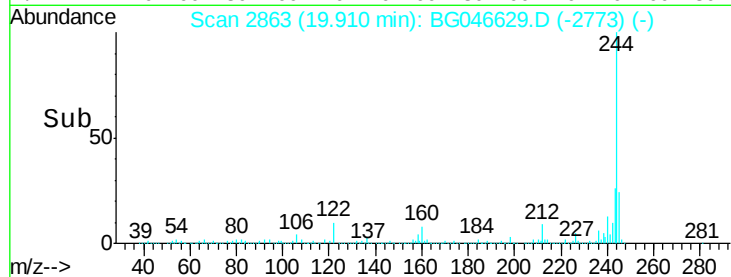
9/16/2020 10:14:14 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.896 ng

RT: 20.60 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

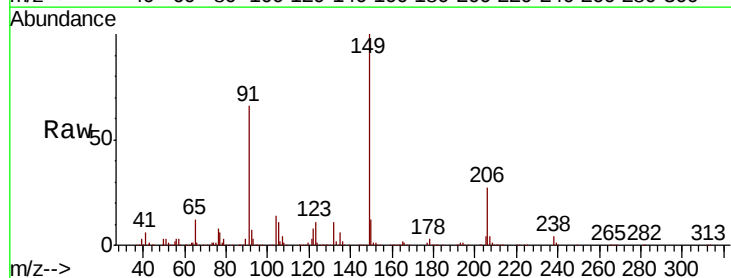
Tgt Ion:149 Resp: 569103

Ion Ratio Lower Upper

149 100

91 65.5 49.1 73.7

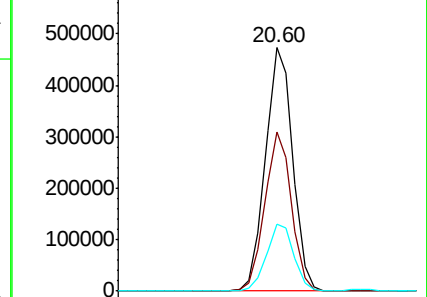
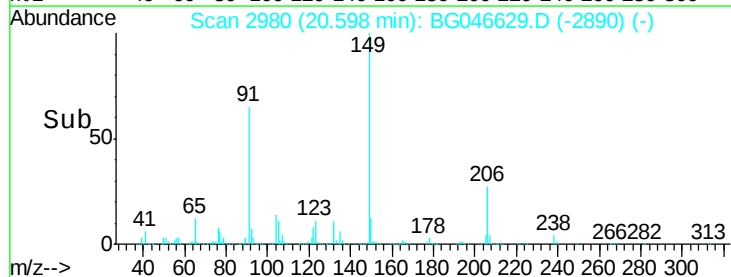
206 27.3 21.9 32.9

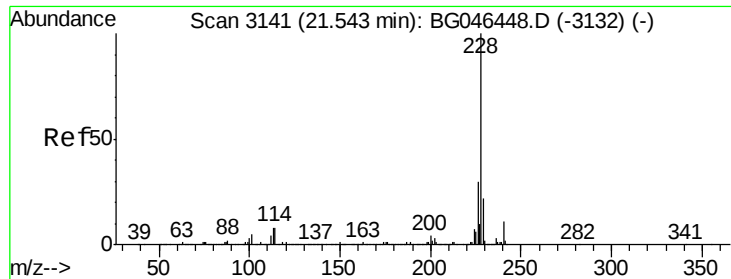


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





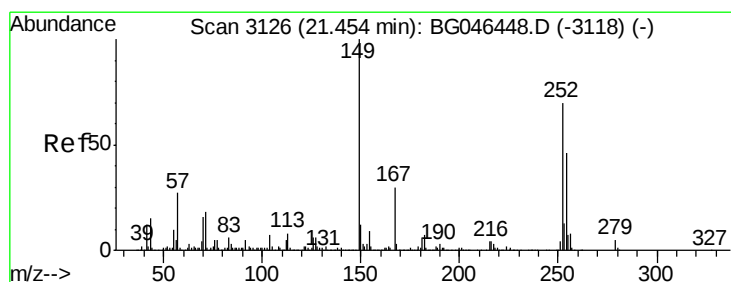
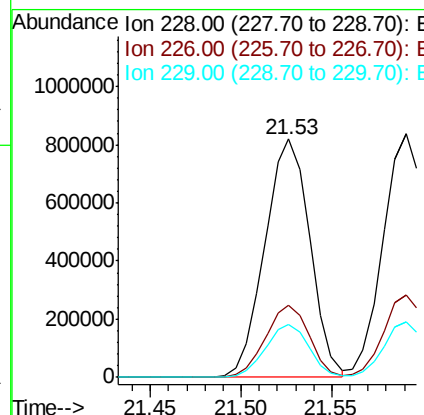
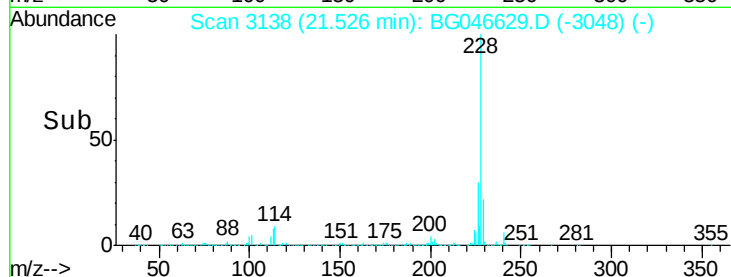
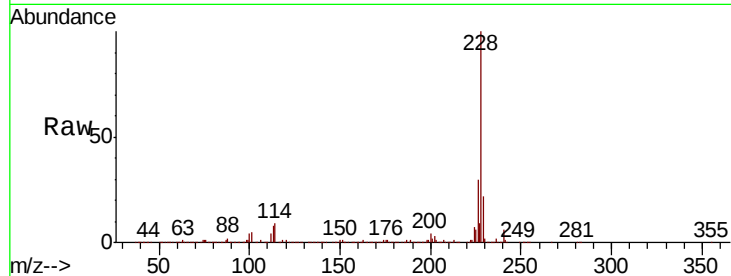
#81  
Benzo(a)anthracene  
Concen: 46.523 ng  
RT: 21.53 min Scan# 3138  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

Tot Ion:228 Resp: 1416766  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.2 36.4  
229 22.3 17.4 26.2

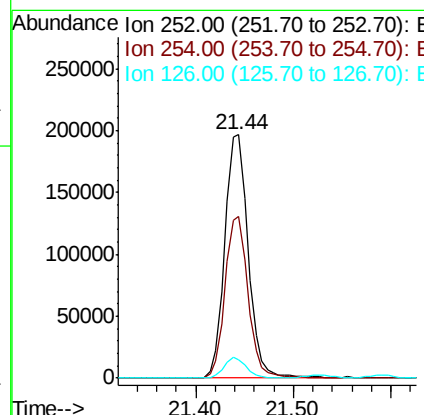
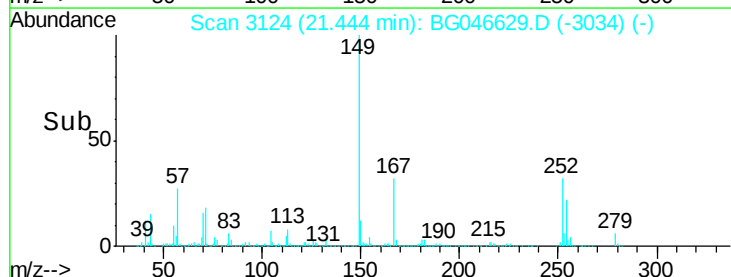
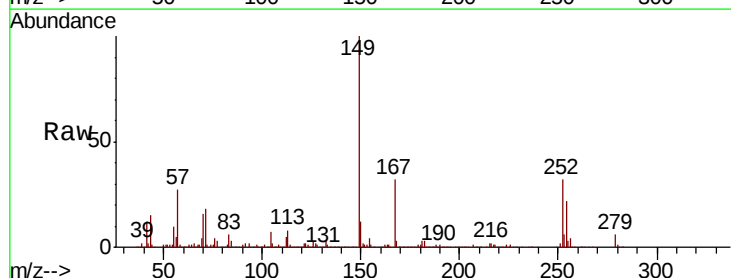
Manual Integrations  
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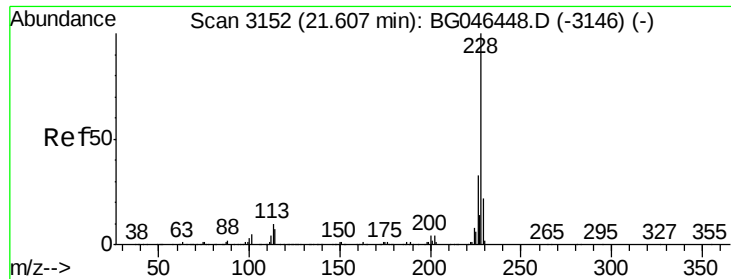
mohammad  
9/16/2020 10:14:14 AM



#82  
3,3'-Dichlorobenzidine  
Concen: 29.133 ng  
RT: 21.44 min Scan# 3124  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Tgt Ion:252 Resp: 329243  
Ion Ratio Lower Upper  
252 100  
254 66.5 51.9 77.9  
126 7.7 7.4 11.0





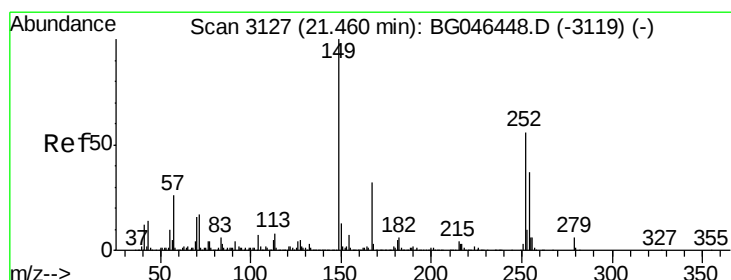
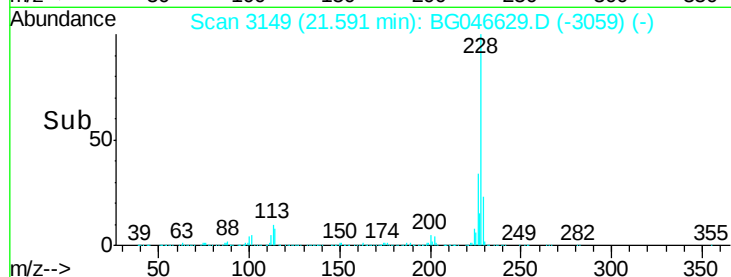
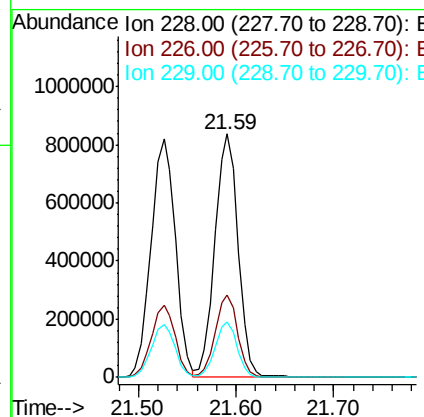
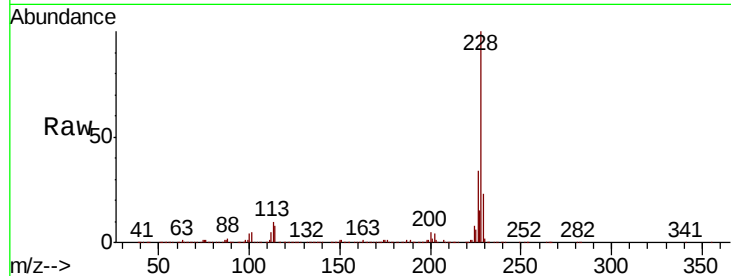
#83  
Chrysene  
Concen: 46.835 ng  
RT: 21.59 min Scan# 3149  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 33.7  | 26.2  | 39.4  |
| 229     | 22.8  | 17.9  | 26.9  |

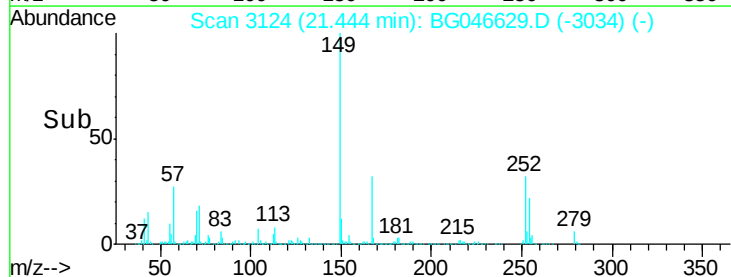
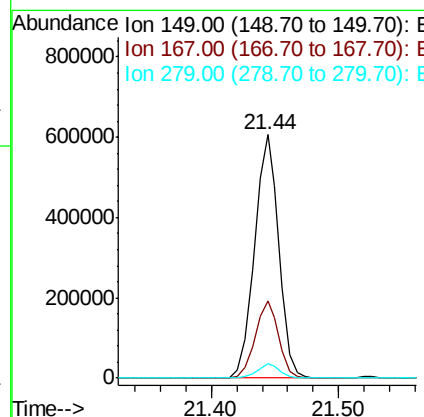
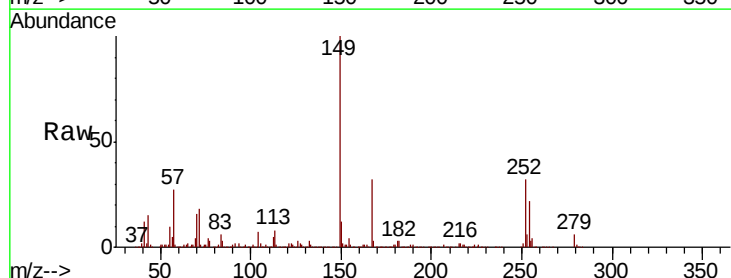
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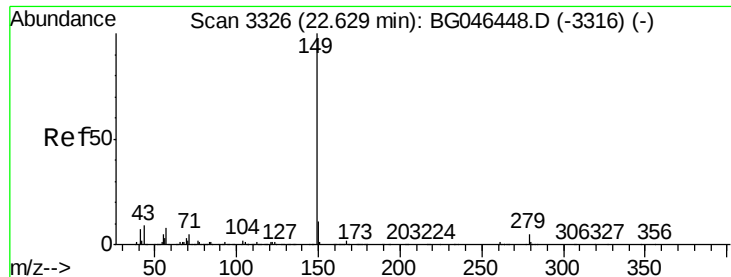
mohammad  
9/16/2020 10:14:14 AM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.528 ng  
RT: 21.44 min Scan# 3124  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 31.9  | 25.4  | 38.2  |
| 279     | 5.8   | 4.5   | 6.7   |





#85

Di-n-octyl phthalate

Concen: 48.839 ng

RT: 22.61 min Scan# 3322

Delta R.T. -0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

Instrument :

BNA\_G

ClientSampleId :

EO-02-091420MSD

Tot Ion:149 Resp: 1384933

Ion Ratio Lower Upper

149 100

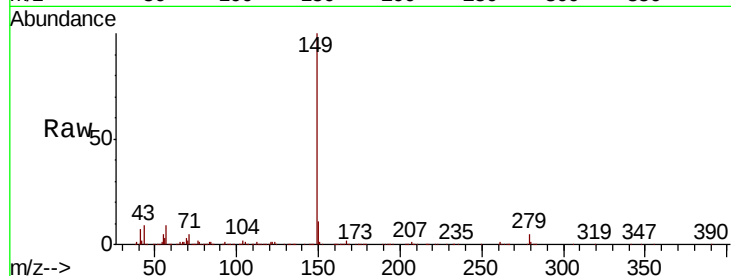
167 1.9 1.5 2.3

43 8.6 7.0 10.4

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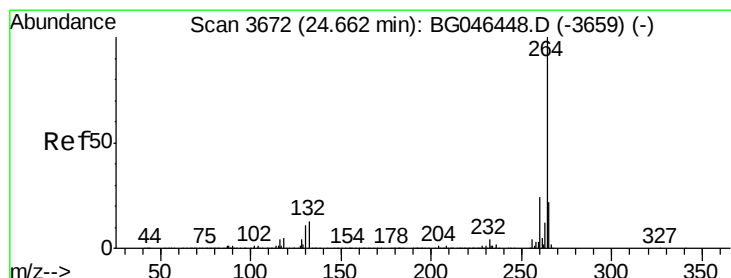
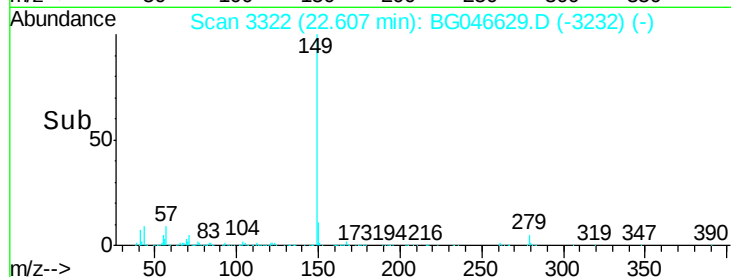
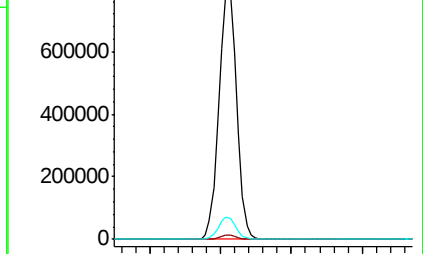
9/16/2020 10:14:14 AM



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

Perylene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG046629.D

Acq: 15 Sep 2020 18:07

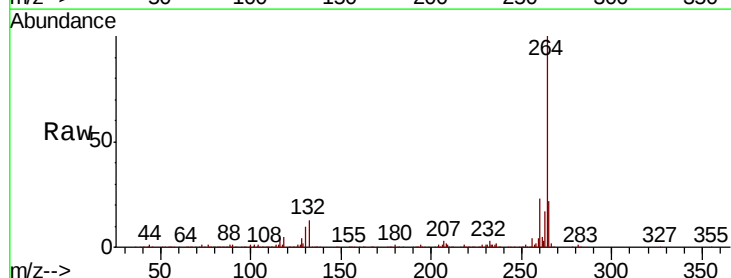
Tgt Ion:264 Resp: 497686

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

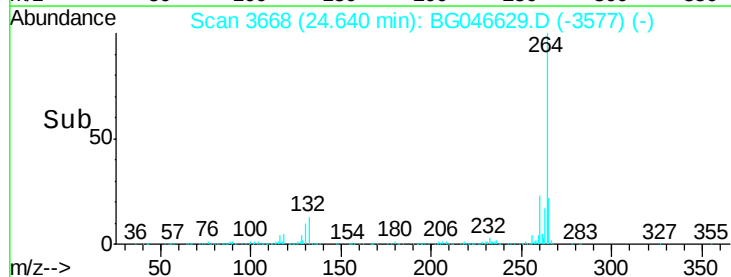
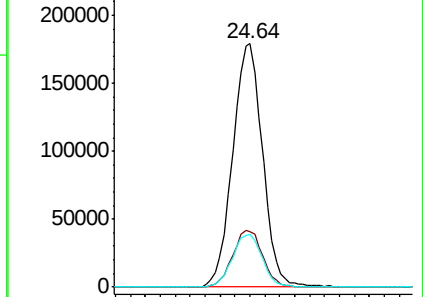
265 21.7 17.9 26.9

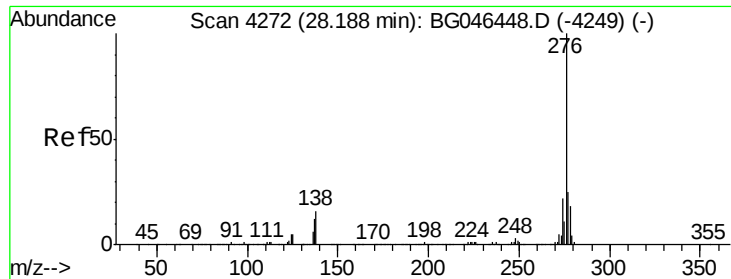


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





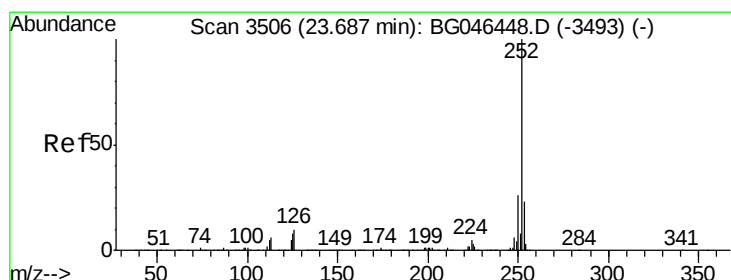
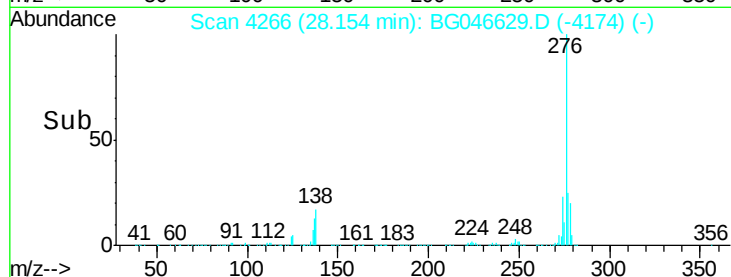
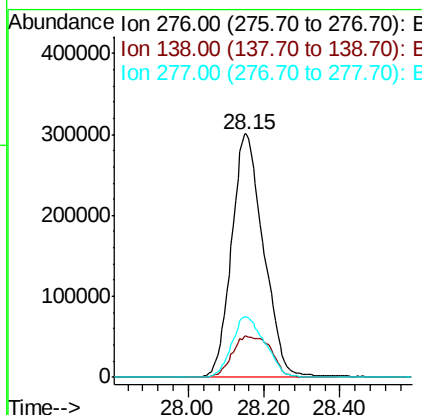
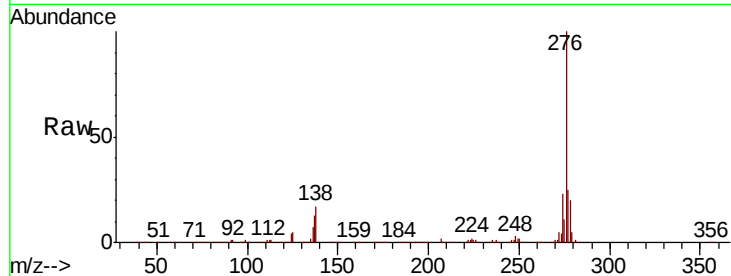
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 49.479 ng  
 RT: 28.15 min Scan# 4266  
 Delta R.T. 0.01 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-02-091420MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 276     | 100  |       |       |       |
| 138     | 20.5 | 16.5  | 24.7  |       |
| 277     | 26.0 | 20.7  | 31.1  |       |

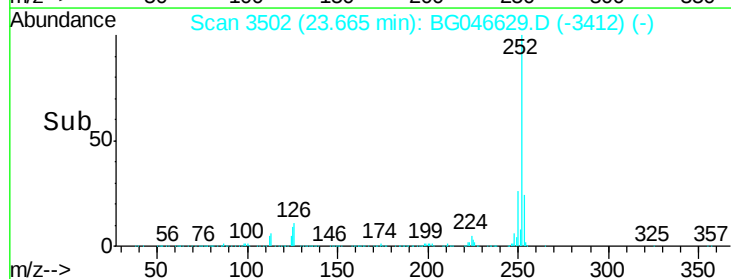
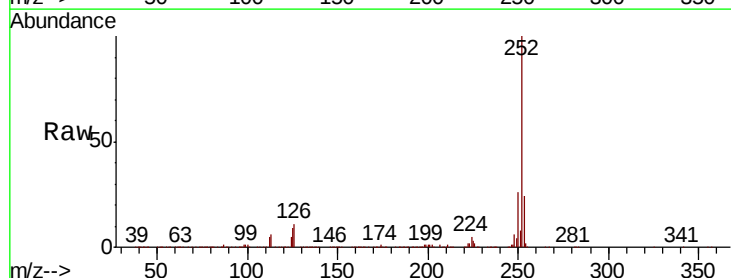
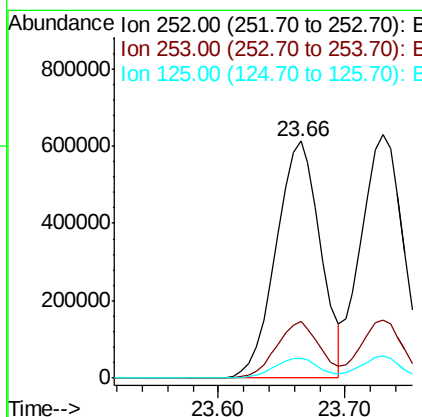
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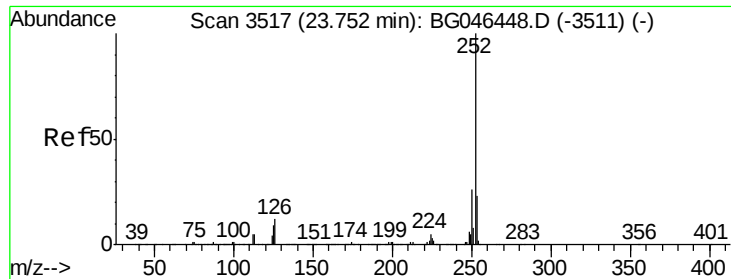
mohammad  
 9/16/2020 10:14:14 AM



#88  
 Benzo(b)fluoranthene  
 Concen: 48.065 ng  
 RT: 23.66 min Scan# 3502  
 Delta R.T. -0.00 min  
 Lab File: BG046629.D  
 Acq: 15 Sep 2020 18:07

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 252     | 100  |       |       |       |
| 253     | 23.8 | 18.2  | 27.4  |       |
| 125     | 8.5  | 6.2   | 9.2   |       |





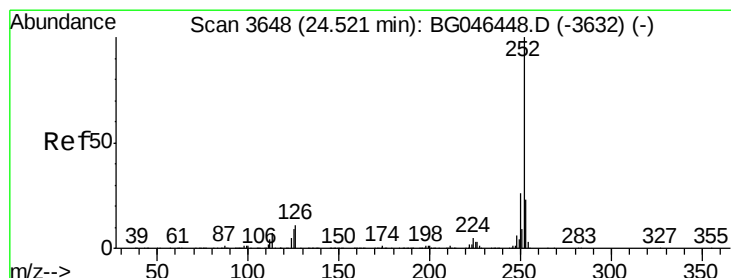
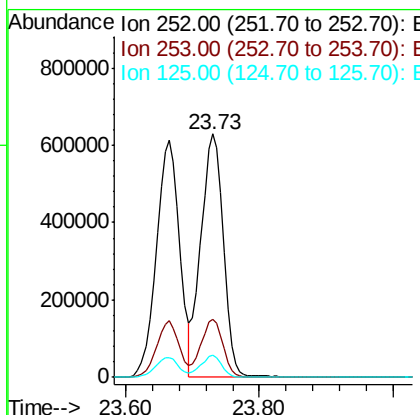
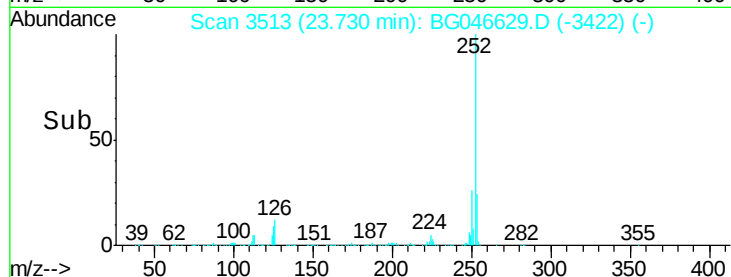
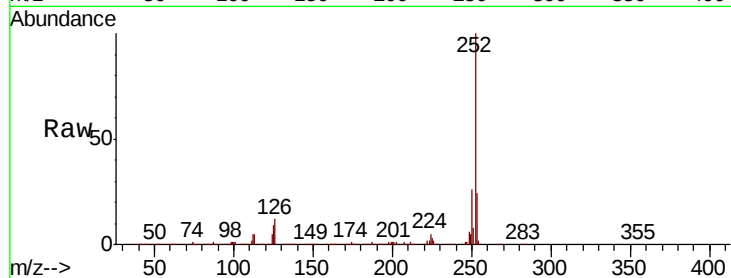
#89  
Benzo(k)fluoranthene  
Concen: 48.593 ng  
RT: 23.73 min Scan# 3513  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 18.5  | 27.7  |
| 125     | 9.0   | 6.8   | 10.2  |

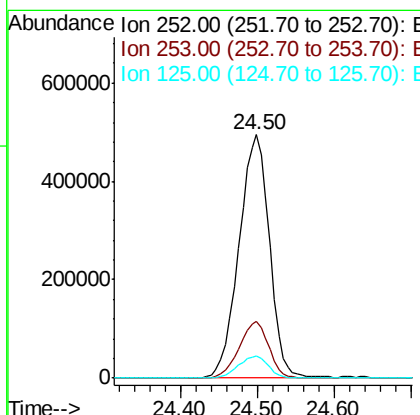
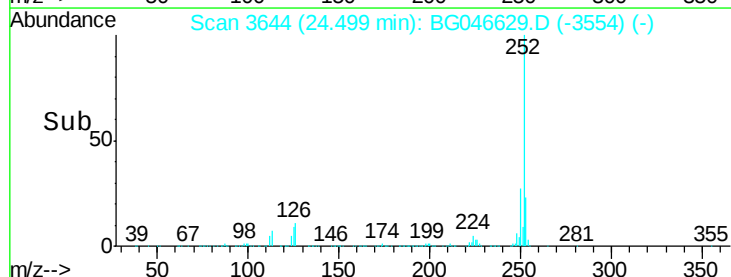
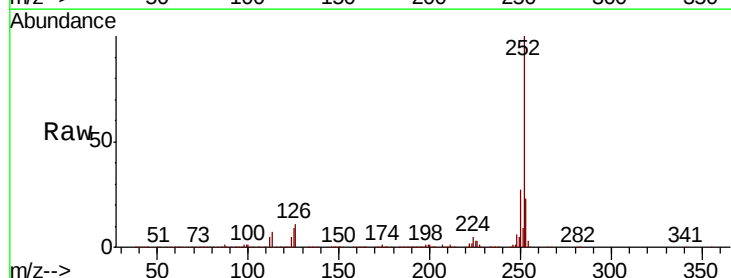
Manual Integrations  
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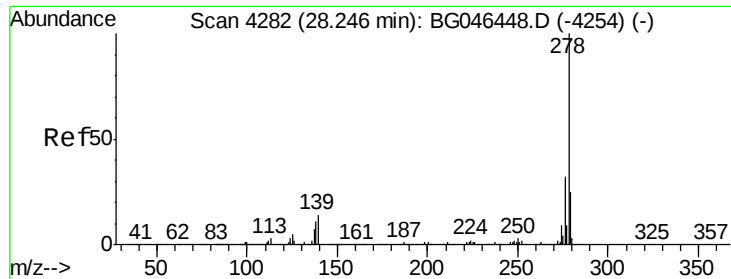
mohammad  
9/16/2020 10:14:14 AM



#90  
Benzo(a)pyrene  
Concen: 47.116 ng  
RT: 24.50 min Scan# 3644  
Delta R.T. -0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 18.2  | 27.4  |
| 125     | 9.2   | 7.4   | 11.0  |





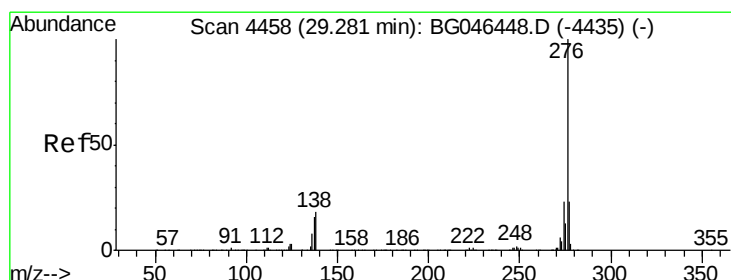
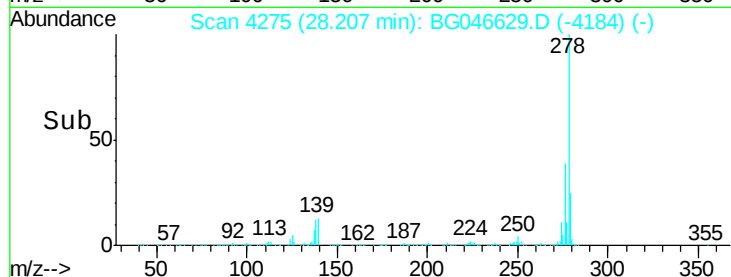
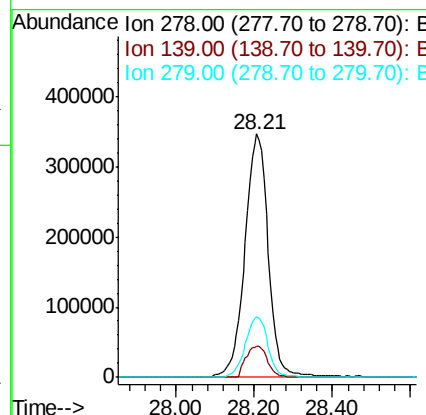
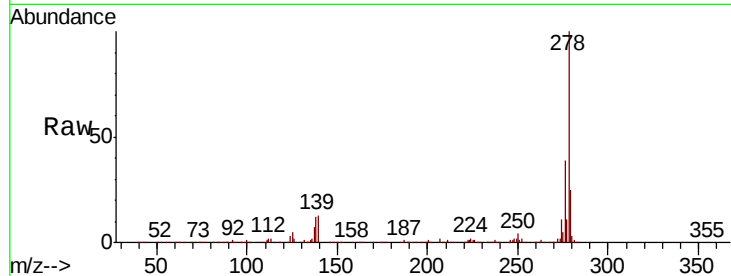
#91  
Dibenzo(a,h)anthracene  
Concen: 49.913 ng  
RT: 28.21 min Scan# 4275  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
EO-02-091420MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.0  | 11.2  | 16.8  |
| 279     | 25.1  | 19.8  | 29.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 50.928 ng  
RT: 29.25 min Scan# 4452  
Delta R.T. 0.00 min  
Lab File: BG046629.D  
Acq: 15 Sep 2020 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.7  | 28.1  |
| 138     | 17.2  | 14.7  | 22.1  |

