

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG060920\  
 Data File : BG045678.D  
 Acq On : 10 Jun 2020 3:15  
 Operator : CG/JU  
 Sample : L2886-03MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

Manual Integrations  
 APPROVED

mohammad  
 6/10/2020 11:50:24 AM

Quant Time: Jun 10 06:20:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.95  | 152  | 67223    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.76 | 136  | 260504   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.59 | 164  | 178032   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.34 | 188  | 413895   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.60 | 240  | 393934   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.74 | 264  | 429960   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.54  | 112 | 418311  | 121.61 | ng | 0.00 |
| 7) Phenol-d6                | 7.14  | 99  | 523227  | 106.87 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.11  | 82  | 441406  | 92.40  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.09 | 330 | 316083  | 138.83 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.21 | 172 | 969639  | 92.38  | ng | 0.00 |
| 79) Terphenyl-d14           | 19.96 | 244 | 1629242 | 96.46  | ng | 0.00 |

|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 58843  | 34.50 | ng | # 67   |
| 3) Pyridine                    | 3.82  | 79  | 129604 | 27.28 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 64686  | 41.61 | ng | 79     |
| 6) Aniline                     | 7.27  | 93  | 182592 | 28.57 | ng | 99     |
| 8) 2-Chlorophenol              | 7.53  | 128 | 167505 | 44.41 | ng | 99     |
| 9) Benzaldehyde                | 7.08  | 77  | 81802  | 25.65 | ng | 98     |
| 10) Phenol                     | 7.17  | 94  | 182026 | 36.07 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.37  | 93  | 160785 | 40.85 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.84  | 146 | 168629 | 37.20 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.98  | 146 | 169384 | 37.86 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.30  | 146 | 164429 | 38.22 | ng | 96     |
| 15) Benzyl Alcohol             | 8.20  | 79  | 179614 | 44.41 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.48  | 45  | 147379 | 39.45 | ng | 98     |
| 17) 2-Methylphenol             | 8.42  | 107 | 150762 | 39.92 | ng | 98     |
| 18) Hexachloroethane           | 9.03  | 117 | 65450  | 38.20 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.76  | 70  | 148306 | 43.81 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.74  | 107 | 197817 | 38.46 | ng | 95     |
| 22) Acetophenone               | 8.77  | 105 | 266193 | 43.11 | ng | 99     |
| 24) Nitrobenzene               | 9.15  | 77  | 221979 | 43.37 | ng | 99     |
| 25) Isophorone                 | 9.68  | 82  | 408497 | 43.42 | ng | 100    |
| 26) 2-Nitrophenol              | 9.87  | 139 | 97448  | 44.51 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 9.94  | 122 | 157216 | 48.41 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.16 | 93  | 223324 | 45.26 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.42 | 162 | 183026 | 47.73 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.62 | 180 | 192030 | 42.38 | ng | 97     |
| 31) Naphthalene                | 10.80 | 128 | 517708 | 42.65 | ng | 99     |
| 32) Benzoic acid               | 10.11 | 122 | 51066  | 28.32 | ng | 87     |
| 33) 4-Chloroaniline            | 10.92 | 127 | 64833  | 12.78 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.09 | 225 | 132402 | 41.34 | ng | 98     |
| 35) Caprolactam                | 11.70 | 113 | 41869m | 29.75 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.07 | 107 | 198084 | 45.84 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.41 | 142 | 393692 | 43.51 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.63 | 142 | 373656 | 43.72 | ng | 94     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.79 | 216 | 227117 | 45.67 | ng | 98     |

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Manual Integrations  
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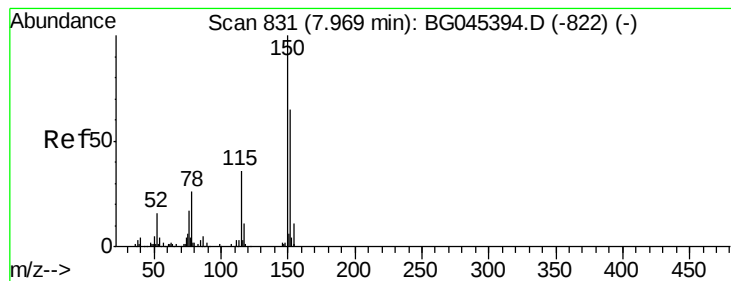
mohammad  
 6/10/2020 11:50:24 AM

Quant Time: Jun 10 06:20:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 01 15:07:00 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.77 | 237  | 230566   | 80.33 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.03 | 196  | 158380   | 45.85 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.12 | 196  | 162057   | 41.05 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.42 | 154  | 506974   | 46.34 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.46 | 162  | 383482   | 43.17 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.67 | 65   | 131352   | 44.95 | ng    | 97       |
| 49) Acenaphthylene             | 14.32 | 152  | 642248   | 45.01 | ng    | 100      |
| 50) Dimethylphthalate          | 14.05 | 163  | 655990   | 53.71 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.17 | 165  | 121244   | 44.00 | ng    | 96       |
| 52) Acenaphthene               | 14.66 | 154  | 456146m  | 47.76 | ng    |          |
| 53) 3-Nitroaniline             | 14.50 | 138  | 71230    | 25.43 | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.71 | 184  | 122170   | 68.52 | ng    | 95       |
| 55) Dibenzofuran               | 14.99 | 168  | 623969   | 43.99 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 134155   | 63.25 | ng    | 87       |
| 57) 2,4-Dinitrotoluene         | 14.96 | 165  | 170154   | 42.63 | ng    | 97       |
| 58) Fluorene                   | 15.64 | 166  | 515948   | 44.28 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 157215   | 45.27 | ng    | 98       |
| 60) Diethylphthalate           | 15.41 | 149  | 545230   | 42.89 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.63 | 204  | 288010   | 43.19 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.67 | 138  | 116055   | 39.68 | ng    | 95       |
| 63) Azobenzene                 | 15.93 | 77   | 531697   | 44.86 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.73 | 198  | 105816   | 43.90 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.85 | 169  | 457845   | 46.07 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.53 | 248  | 198700   | 44.33 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.65 | 284  | 212033   | 45.23 | ng    | 94       |
| 69) Atrazine                   | 16.81 | 200  | 175134   | 42.79 | ng    | 98       |
| 70) Pentachlorophenol          | 17.00 | 266  | 212463   | 87.29 | ng    | 96       |
| 71) Phenanthrene               | 17.38 | 178  | 825714   | 45.70 | ng    | 99       |
| 72) Anthracene                 | 17.48 | 178  | 851262   | 46.91 | ng    | 99       |
| 73) Carbazole                  | 17.75 | 167  | 779062   | 44.05 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.31 | 149  | 931760   | 43.89 | ng    | 99       |
| 75) Fluoranthene               | 19.39 | 202  | 1025269  | 44.61 | ng    | 99       |
| 77) Benzidine                  | 19.57 | 184  | 337987   | 30.55 | ng    | 99       |
| 78) Pyrene                     | 19.76 | 202  | 1024922  | 45.64 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.64 | 149  | 417885   | 43.11 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.58 | 228  | 994984   | 45.34 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.50 | 252  | 191753   | 22.28 | ng    | 97       |
| 83) Chrysene                   | 21.65 | 228  | 951018   | 45.07 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.49 | 149  | 578449   | 43.41 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.68 | 149  | 992562   | 43.37 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.32 | 276  | 1222206  | 44.29 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.75 | 252  | 1062000  | 46.06 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.82 | 252  | 1008941  | 46.57 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.60 | 252  | 961260   | 44.76 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.37 | 278  | 993258   | 46.02 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.43 | 276  | 1002399  | 46.44 | ng    | 98       |

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





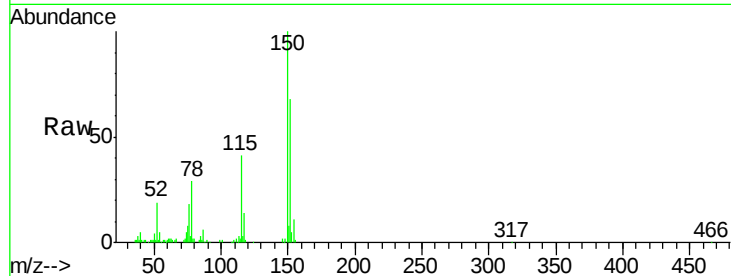
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 Concen: 20.00 ng  
 RT: 7.95 min Scan# 827  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
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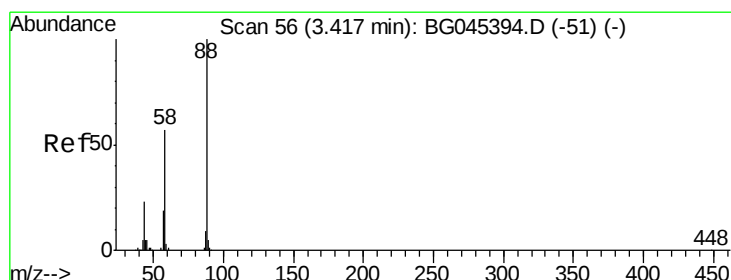
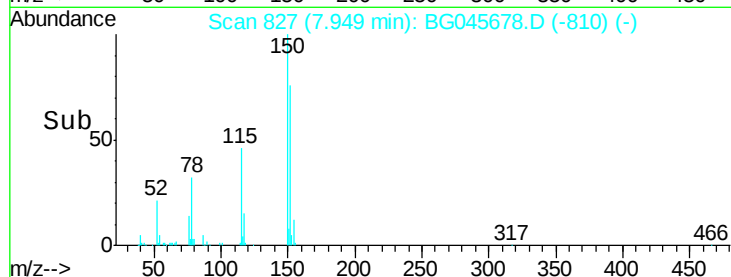
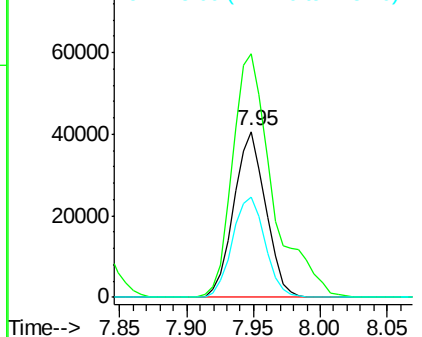
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.0 | 122.4 | 183.6 |
| 115     | 60.7  | 44.2  | 66.4  |

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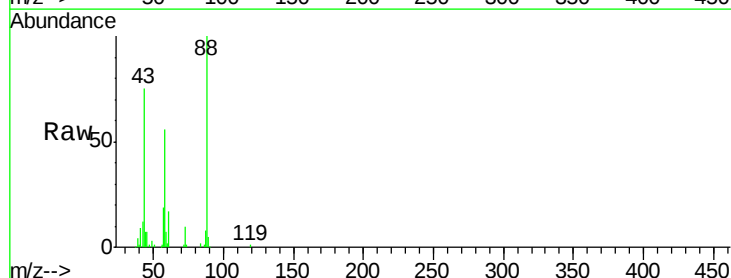


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

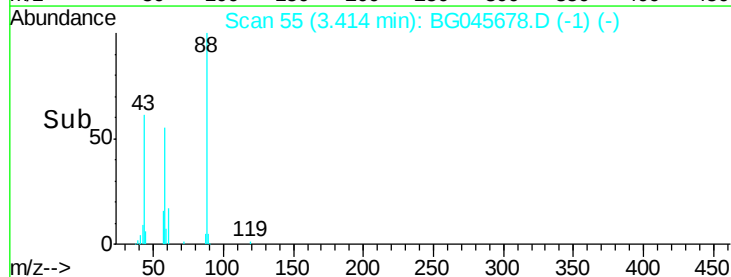
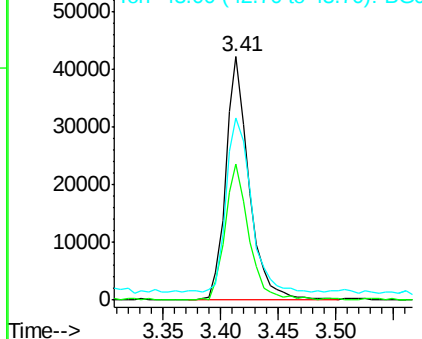


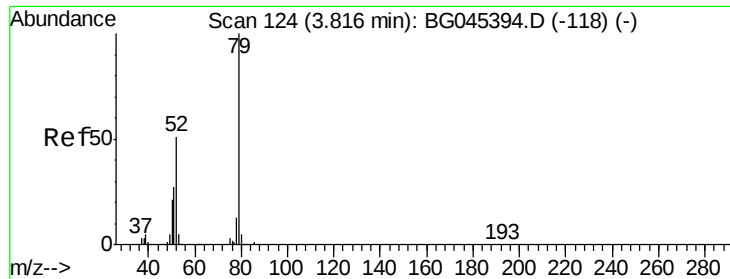
#2  
 1,4-Dioxane  
 Concen: 34.50 ng  
 RT: 3.41 min Scan# 55  
 Delta R.T. 0.01 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 57.2  | 45.7  | 68.5  |
| 43      | 77.9  | 16.8  | 25.2# |



Abundance Ion 88.00 (87.70 to 88.70): BGC  
 Ion 58.00 (57.70 to 58.70): BGC  
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.28 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.02 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

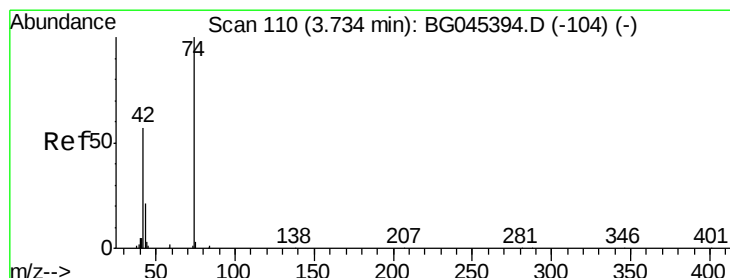
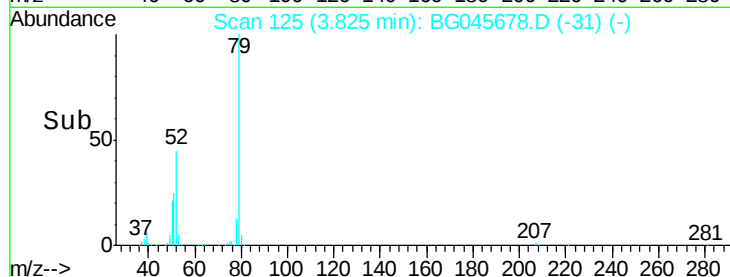
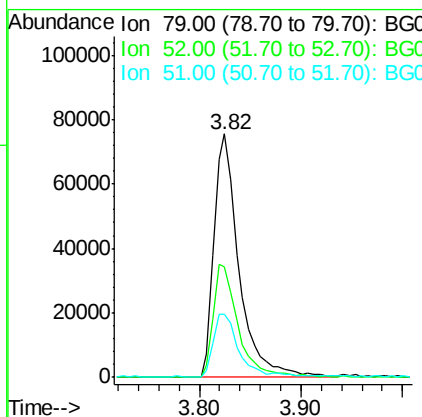
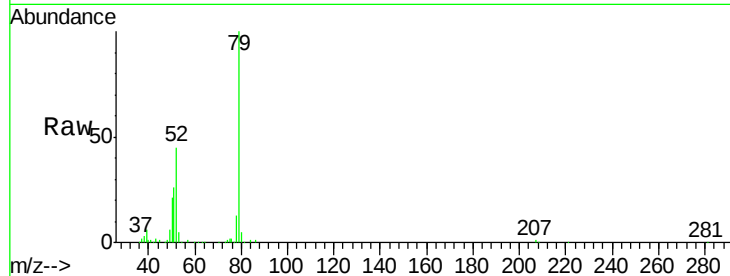
ClientSampleId :

GENMSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 129604 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 45.3  | 40.8  | 61.2   |
| 51       | 25.7  | 21.9  | 32.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 41.61 ng

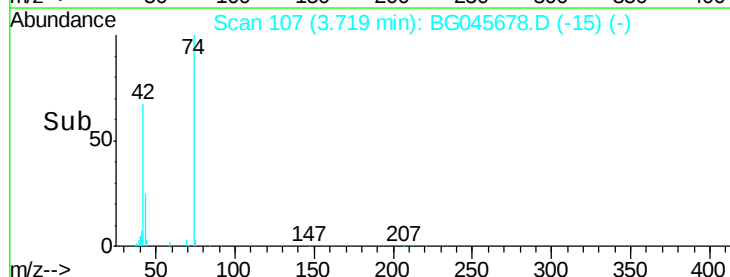
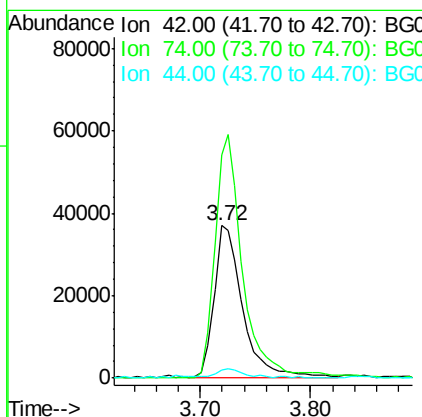
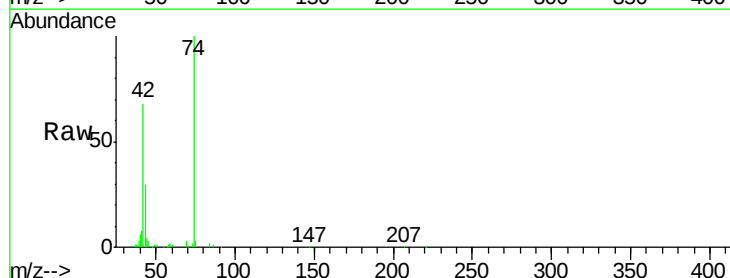
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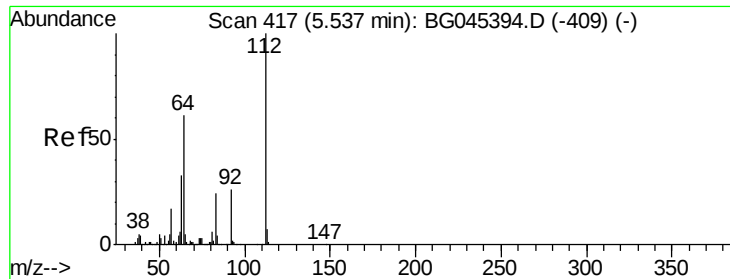
Delta R.T. 0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 64686 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 146.3 | 141.3 | 211.9 |
| 44       | 5.4   | 4.2   | 6.4   |





#5

2-Fluorophenol

Concen: 121.61 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045678.D

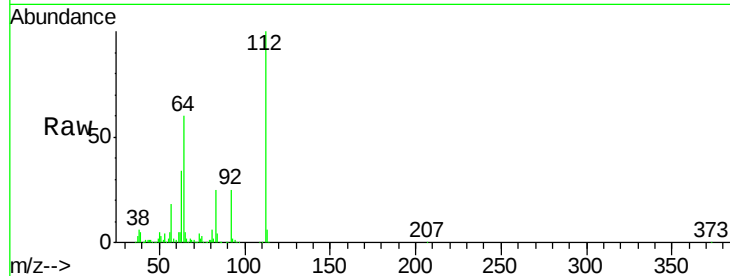
Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

ClientSampleId :

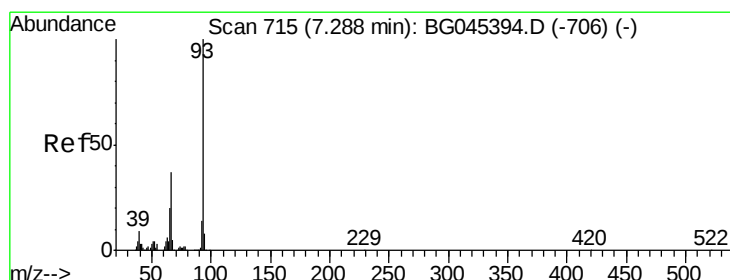
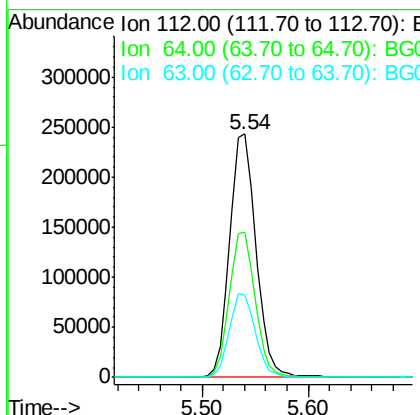
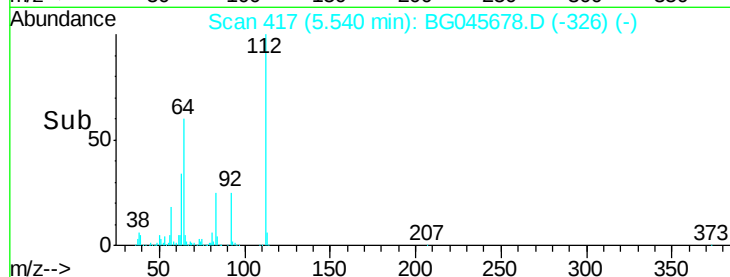
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 418311 |       |       |
| 64      | 59.7  | 48.6   | 72.8  |       |
| 63      | 33.8  | 26.5   | 39.7  |       |

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#6

Aniline

Concen: 28.57 ng

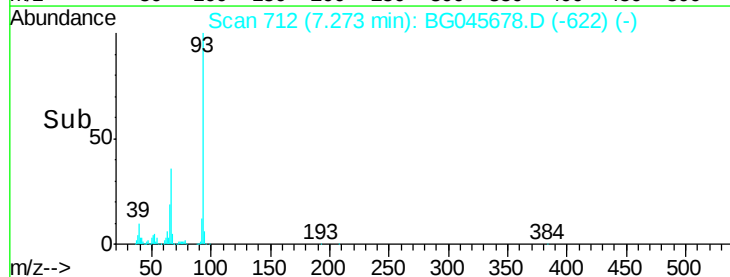
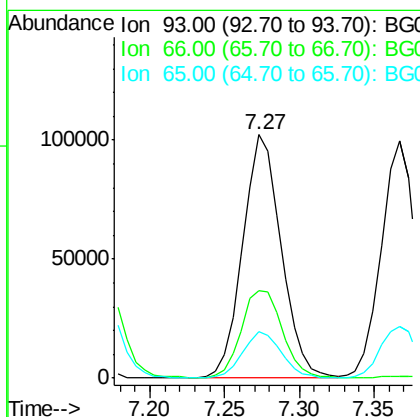
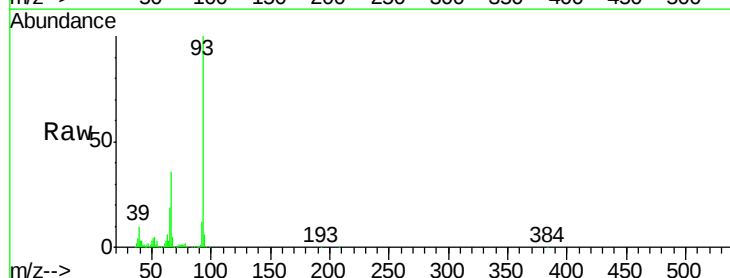
RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 182592 |       |       |
| 66      | 36.0  | 29.6   | 44.4  |       |
| 65      | 19.4  | 15.9   | 23.9  |       |





#7

Phenol-d6

Concen: 106.87 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

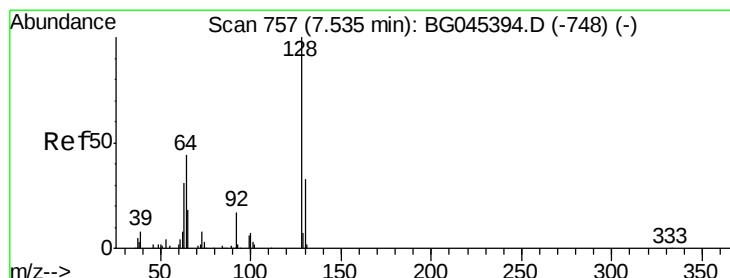
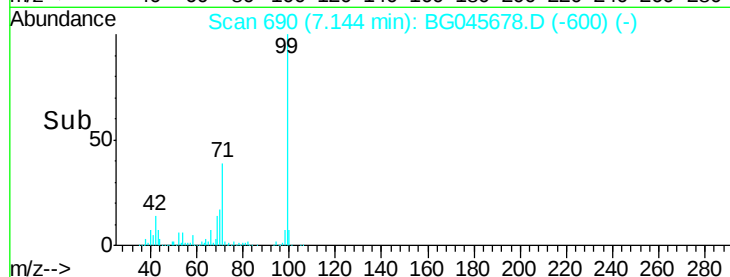
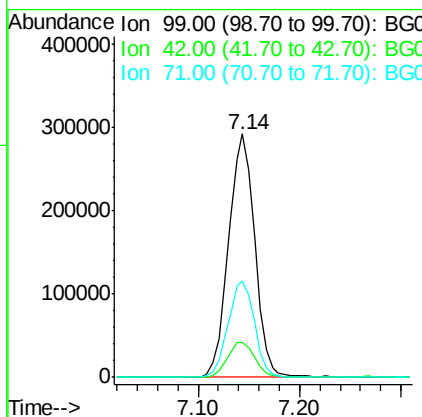
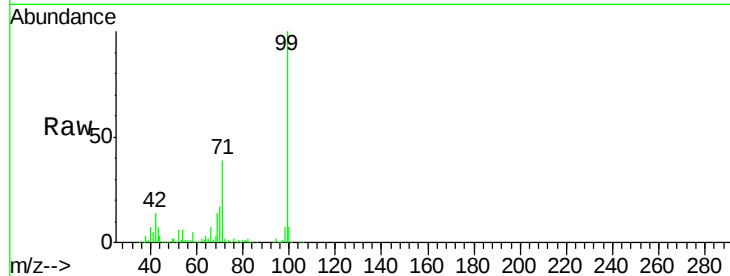
ClientSampleId :

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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 523227 |       |       |
| 42      | 14.5  | 11.3   | 16.9  |       |
| 71      | 39.4  | 30.8   | 46.2  |       |

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#8

2-Chlorophenol

Concen: 44.41 ng

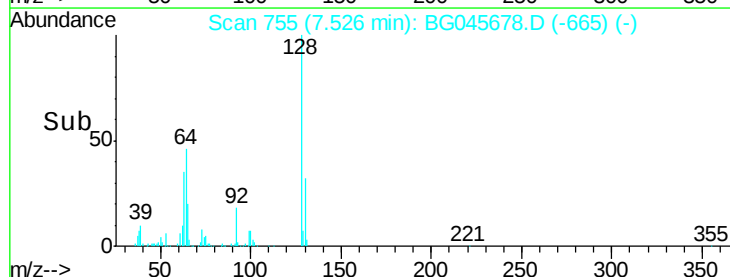
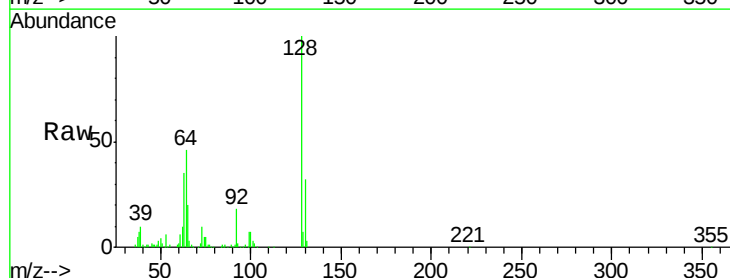
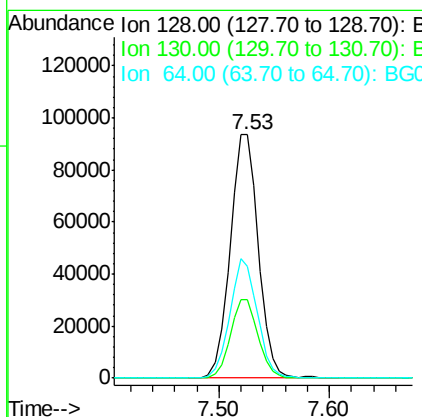
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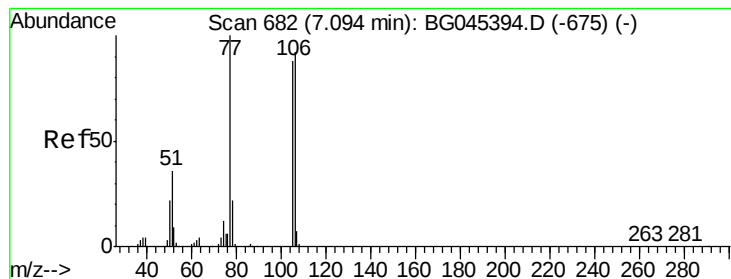
Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 167505 |       |       |
| 130     | 32.1  | 12.6   | 52.6  |       |
| 64      | 45.9  | 27.0   | 67.0  |       |





#9

Benzaldehyde

Concen: 25.65 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

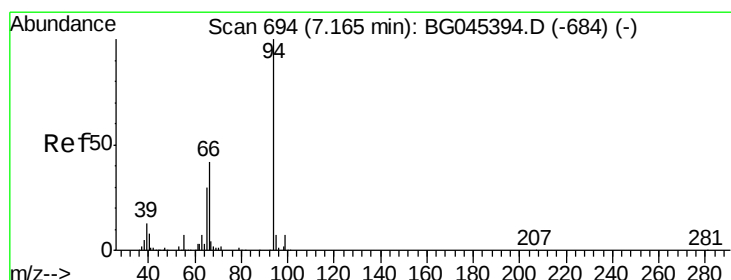
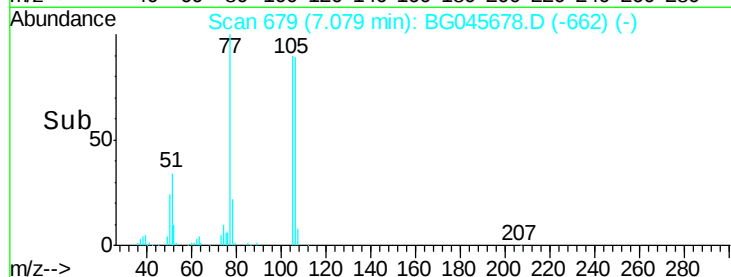
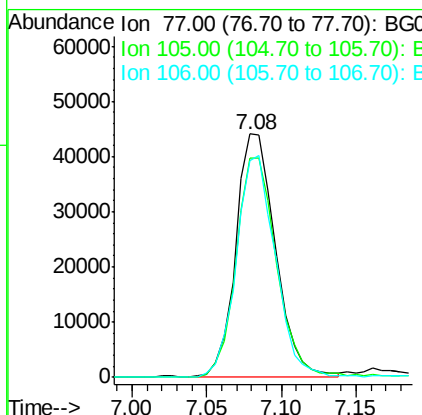
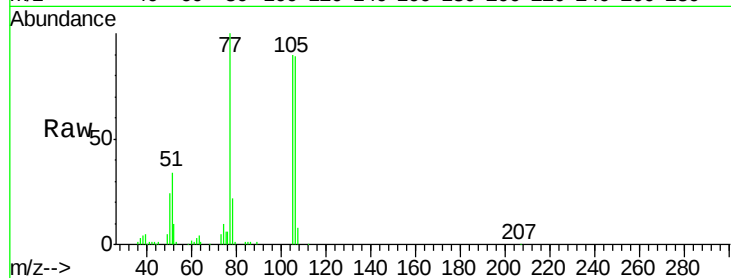
ClientSampled :

GENMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 81802 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 90.0  | 68.5  | 108.5 |
| 106       | 88.8  | 71.6  | 111.6 |

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#10

Phenol

Concen: 36.07 ng

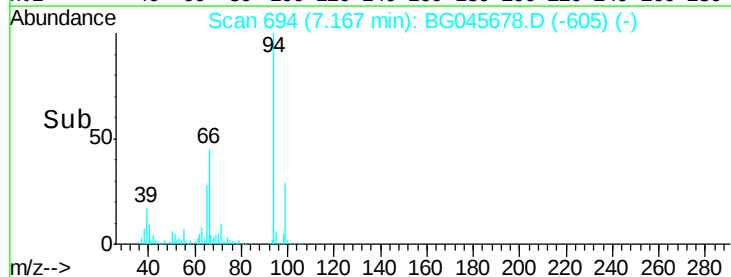
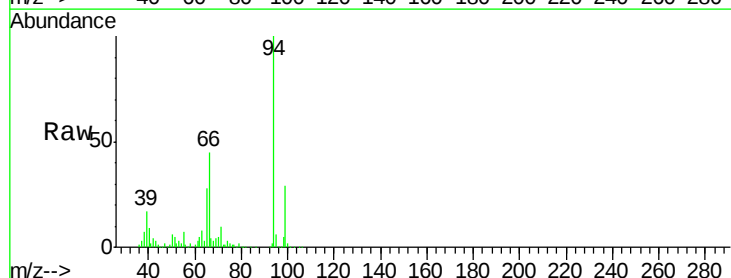
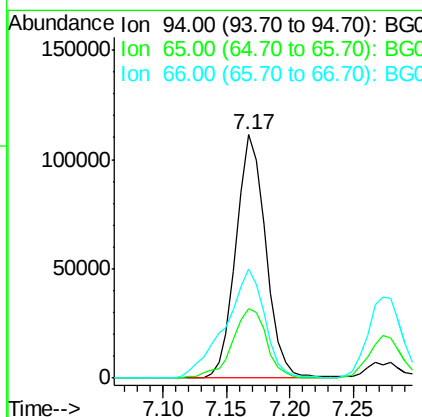
RT: 7.17 min Scan# 694

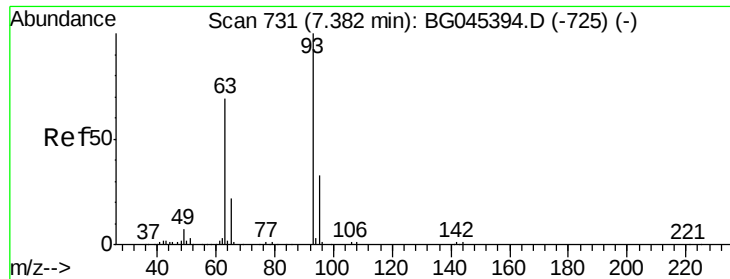
Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 182026 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 28.3  | 9.8   | 49.8   |
| 66        | 44.8  | 22.0  | 62.0   |





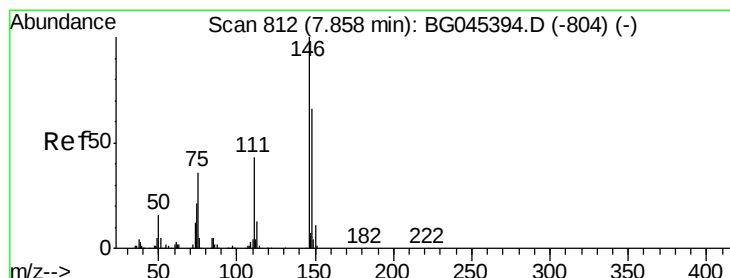
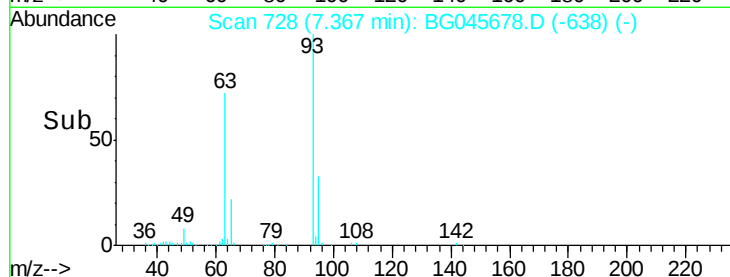
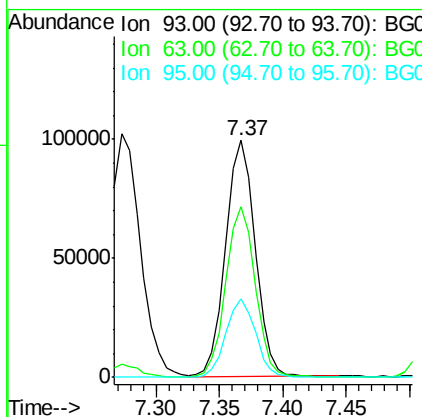
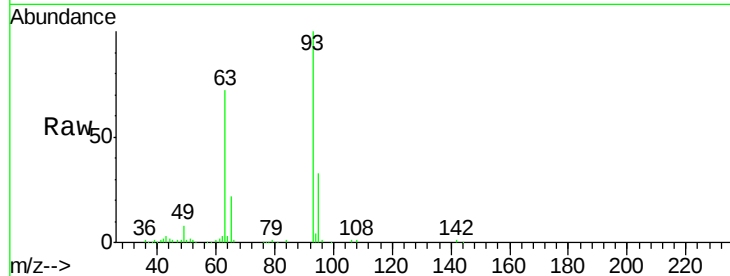
#11  
bis(2-Chloroethyl)ether  
Concen: 40.85 ng  
RT: 7.37 min Scan# 728  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampled :  
GENMSD

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 63      | 72.0  | 48.4       | 88.4  |
| 95      | 33.0  | 12.4       | 52.4  |

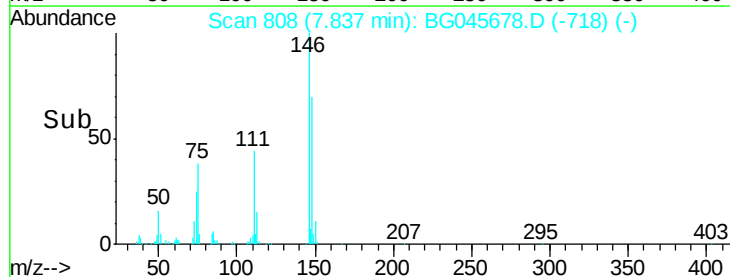
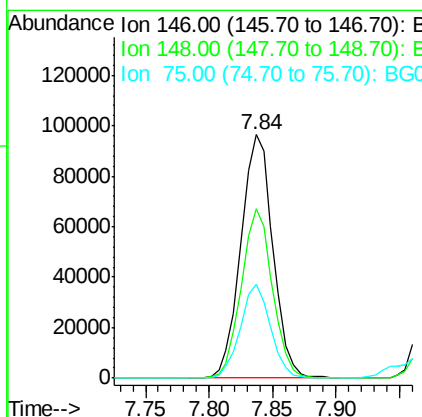
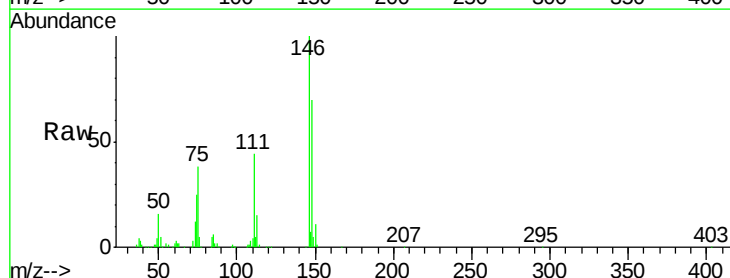
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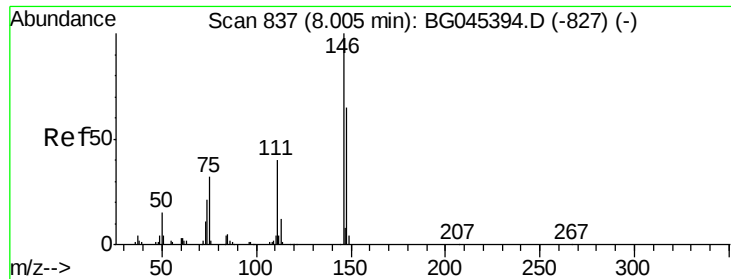
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 37.20 ng  
RT: 7.84 min Scan# 808  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 146     | 100   |            |       |
| 148     | 69.6  | 53.2       | 79.8  |
| 75      | 38.4  | 28.6       | 43.0  |





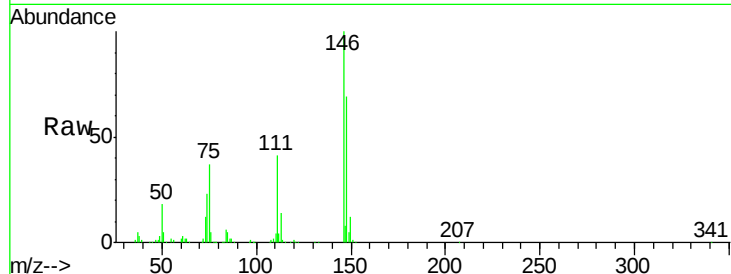
#13  
1,4-Dichlorobenzene  
Concen: 37.86 ng  
RT: 7.98 min Scan# 833  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampled :  
GENMSD

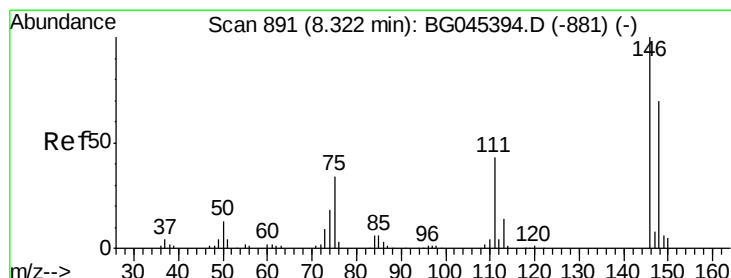
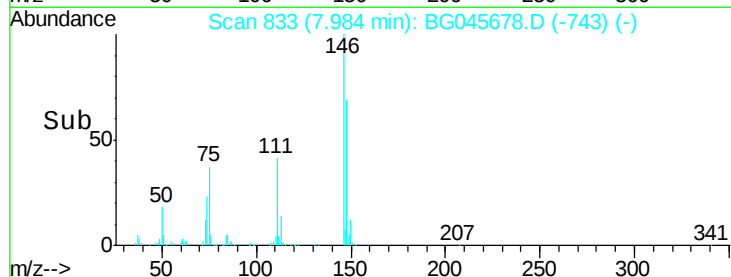
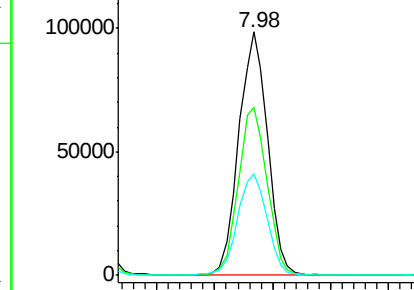
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.8  | 51.8  | 77.8  |
| 111     | 41.5  | 32.1  | 48.1  |

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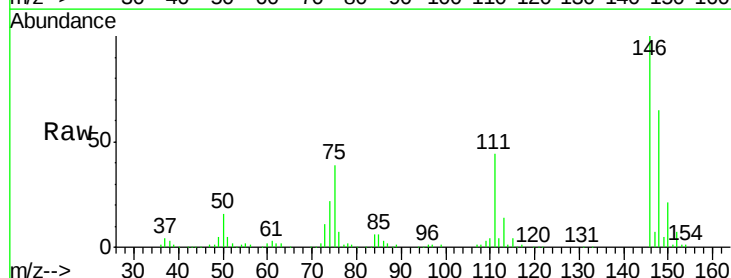


Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E

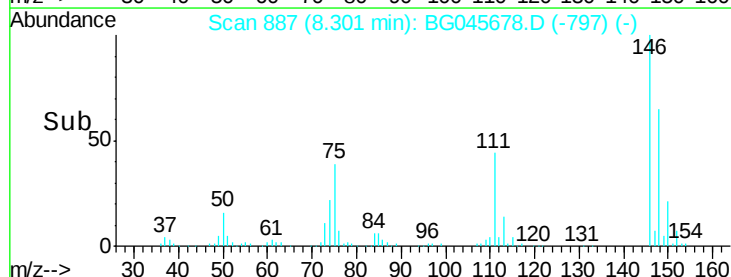
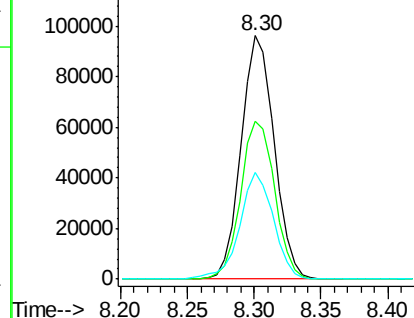


#14  
1,2-Dichlorobenzene  
Concen: 38.22 ng  
RT: 8.30 min Scan# 887  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 55.9  | 83.9  |
| 111     | 44.0  | 35.0  | 52.4  |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.41 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

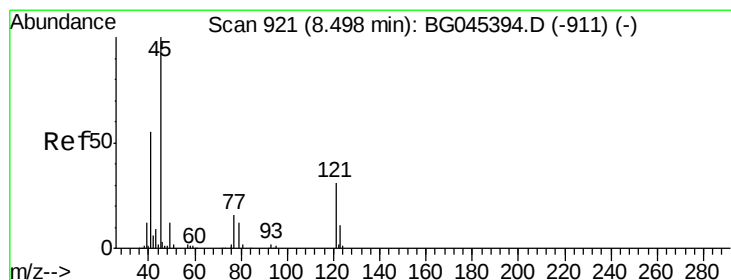
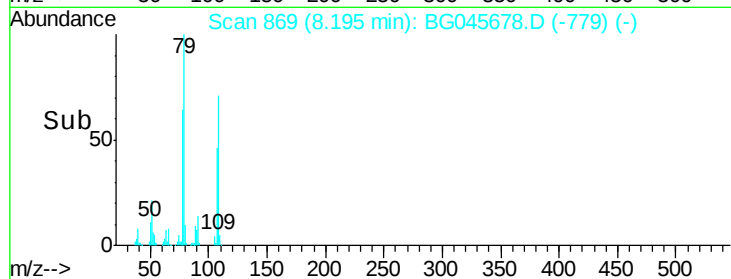
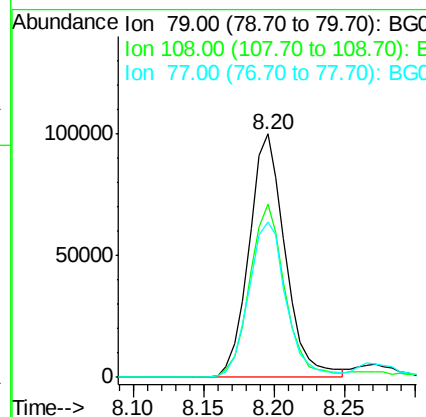
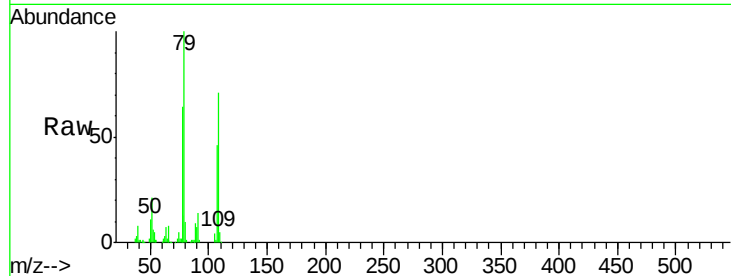
ClientSampled :

GENMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 179614 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 71.3  | 58.2  | 87.4   |
| 77        | 63.6  | 51.0  | 76.4   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.45 ng

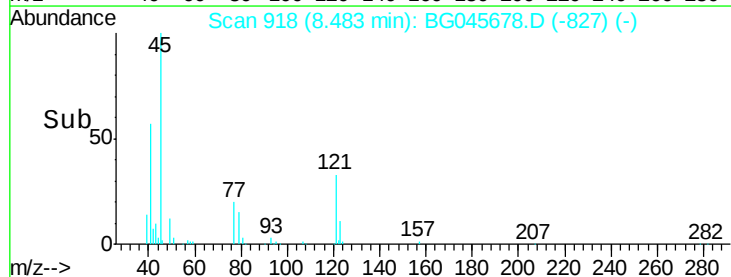
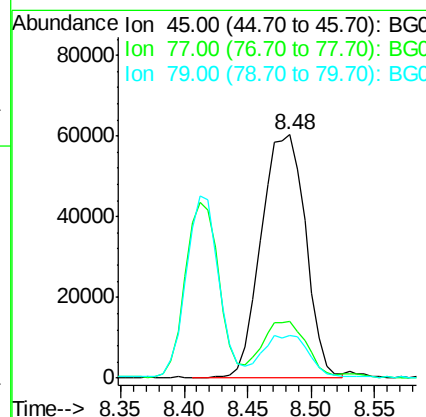
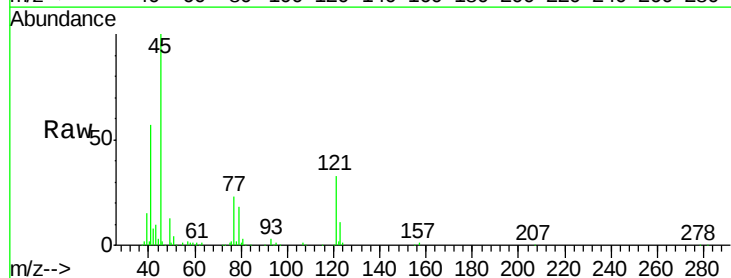
RT: 8.48 min Scan# 918

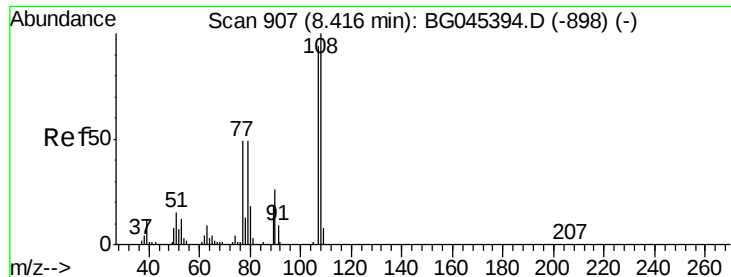
Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 147379 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 23.4  | 4.0   | 44.0   |
| 79        | 17.5  | 0.0   | 38.6   |





#17

2-Methylphenol

Concen: 39.92 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

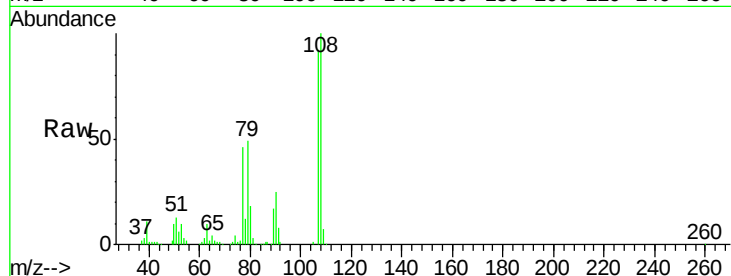
ClientSampled :

GENMSD

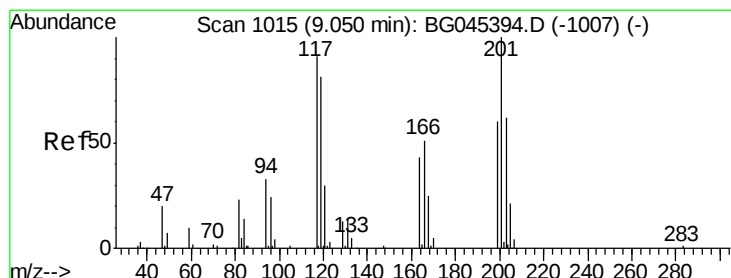
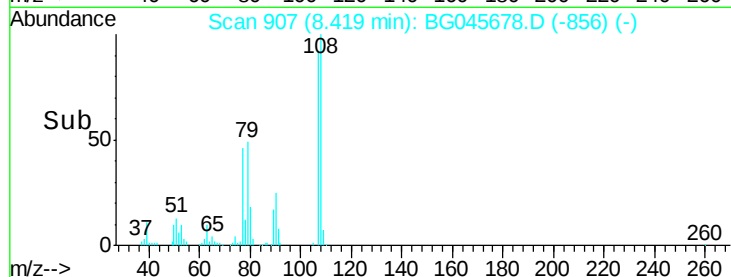
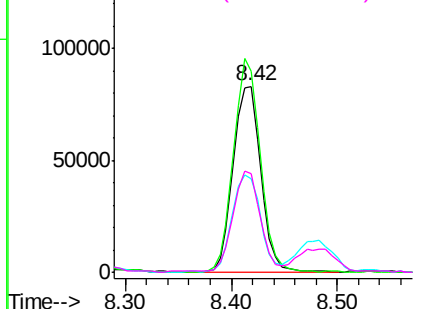
| Tgt | Ion   | Resp | Lower | Upper |
|-----|-------|------|-------|-------|
| 107 | 100   |      |       |       |
| 108 | 108.2 | 85.2 | 127.8 |       |
| 77  | 50.3  | 41.6 | 62.4  |       |
| 79  | 53.1  | 41.8 | 62.8  |       |

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



#18

Hexachloroethane

Concen: 38.20 ng

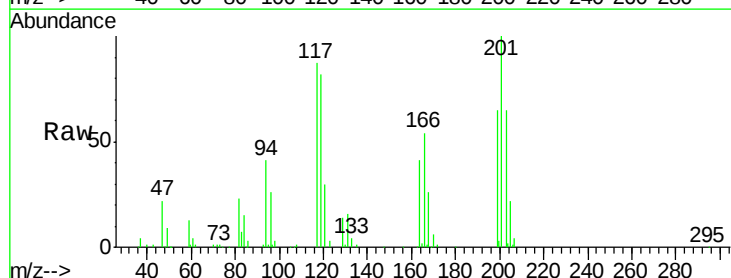
RT: 9.03 min Scan# 1011

Delta R.T. -0.01 min

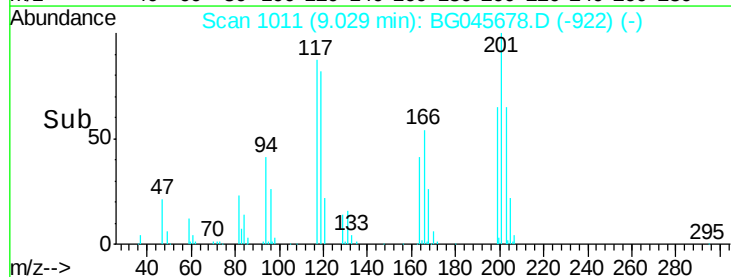
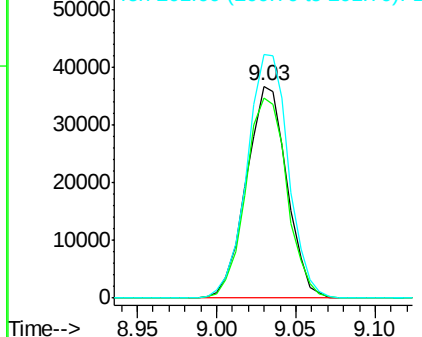
Lab File: BG045678.D

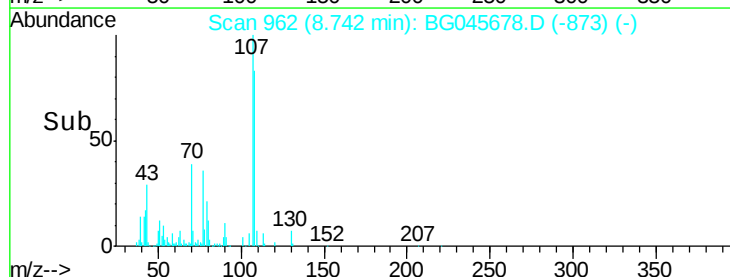
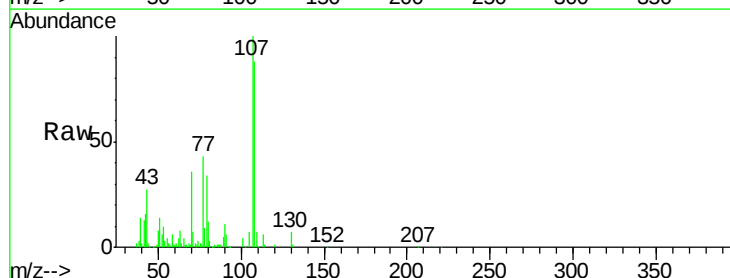
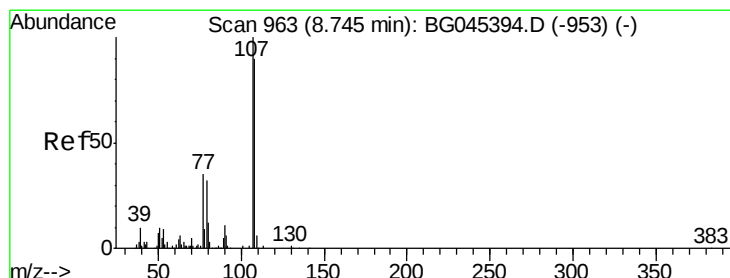
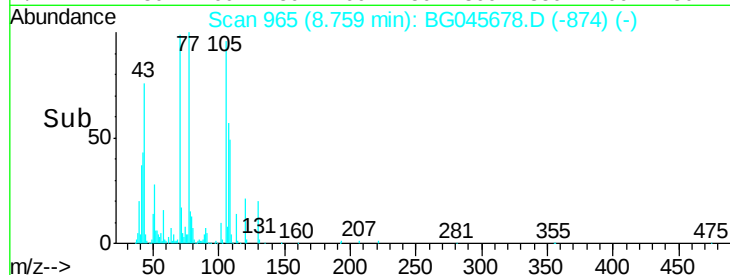
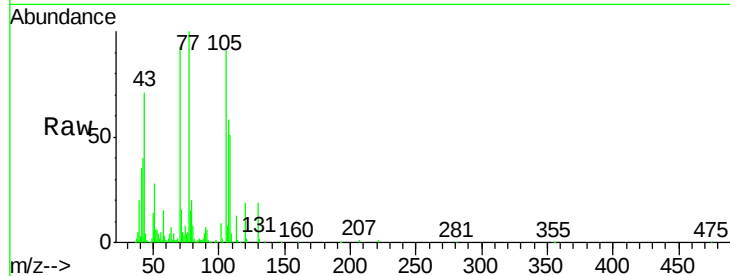
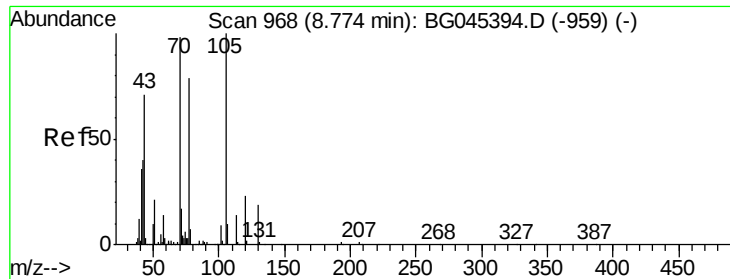
Acq: 10 Jun 2020 3:15

| Tgt | Ion   | Resp | Lower | Upper |
|-----|-------|------|-------|-------|
| 117 | 100   |      |       |       |
| 119 | 94.6  | 71.3 | 106.9 |       |
| 201 | 115.1 | 87.5 | 131.3 |       |



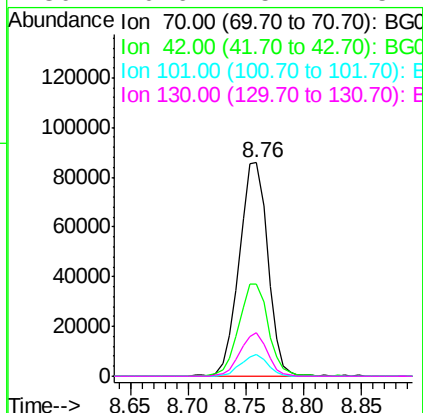
Abundance Ion 117.00 (116.70 to 117.70): E  
50000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.81 ng  
RT: 8.76 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 148306 |       |       |
| 42      | 42.9  | 33.2   | 49.8  |       |
| 101     | 9.9   | 7.8    | 11.6  |       |
| 130     | 20.6  | 15.4   | 23.2  |       |



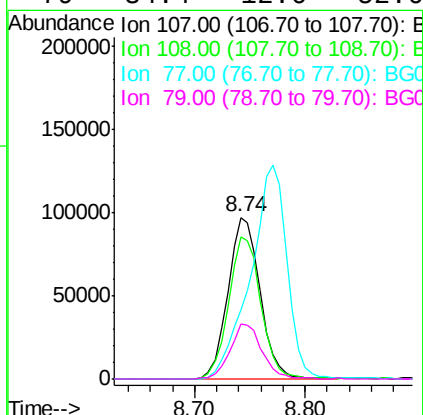
Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

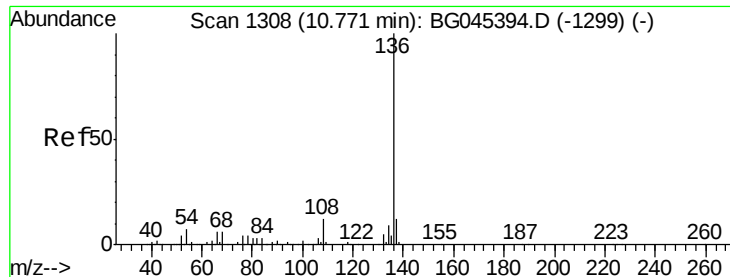
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#20  
3+4-Methylphenols  
Concen: 38.46 ng  
RT: 8.74 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 197817 |       |       |
| 108     | 88.1  | 70.3   | 110.3 |       |
| 77      | 42.9  | 15.4   | 55.4  |       |
| 79      | 34.4  | 12.6   | 52.6  |       |





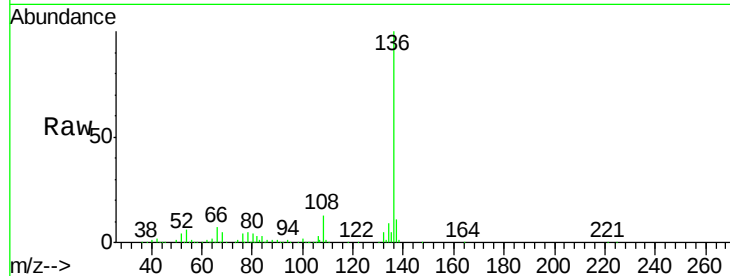
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.76 min Scan# 1305  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 260504 |       |       |
| 137     | 10.6  | 9.4    | 14.2  |       |
| 54      | 6.2   | 5.8    | 8.6   |       |
| 68      | 4.7   | 4.5    | 6.7   |       |

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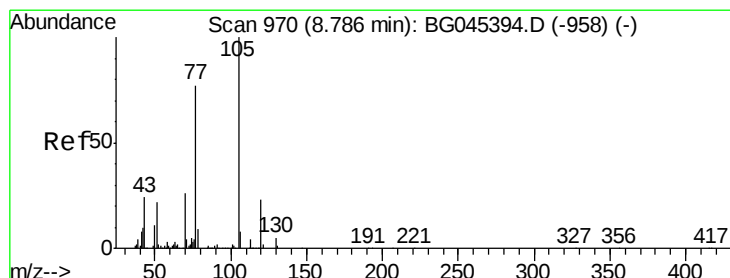
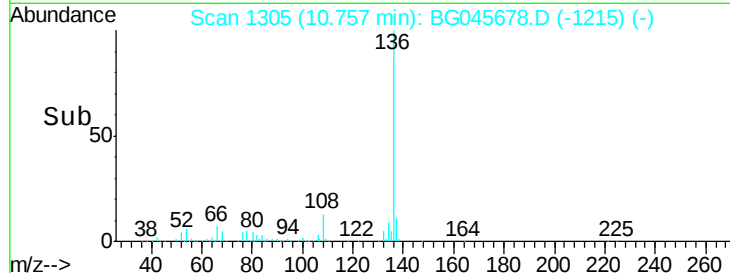
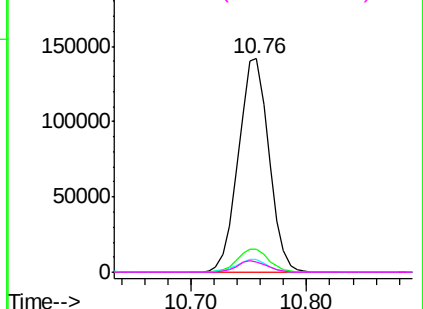
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 43.11 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 266193 |       |       |
| 71      | 4.3   | 3.4    | 5.0   |       |
| 51      | 23.9  | 18.2   | 27.2  |       |
| 120     | 23.3  | 18.6   | 27.8  |       |

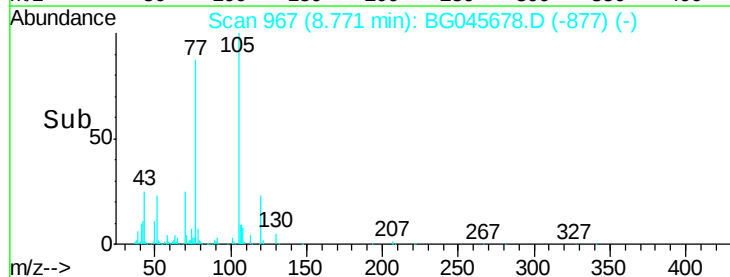
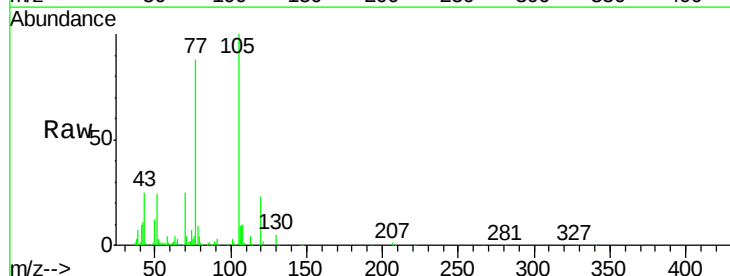
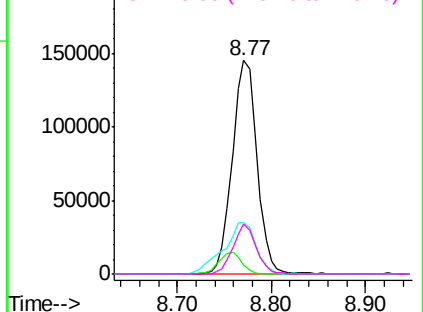
Abundance

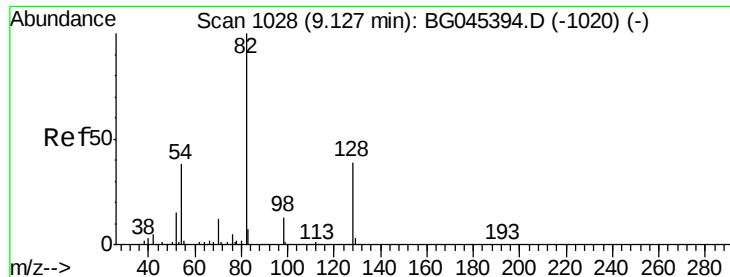
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





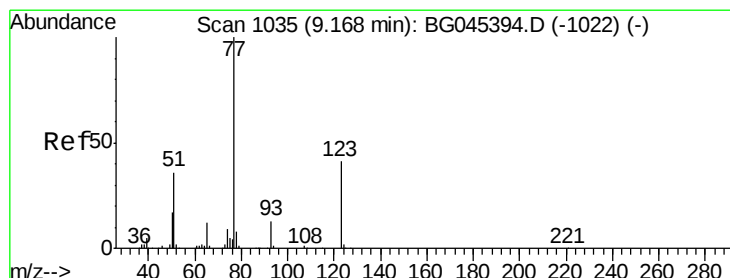
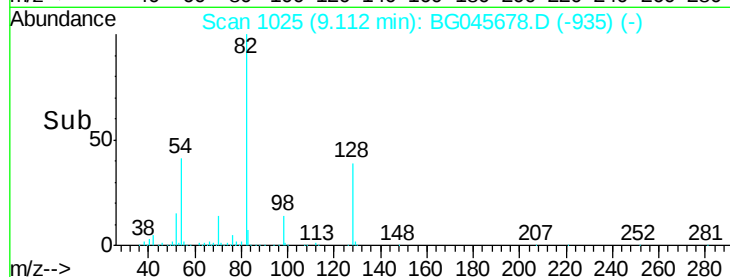
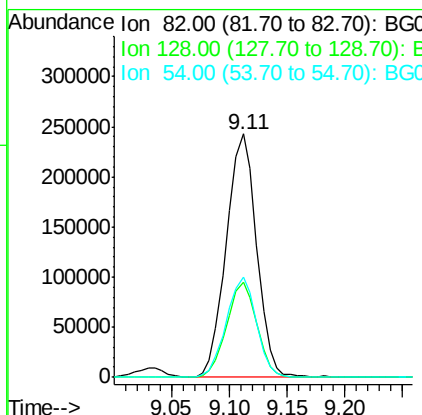
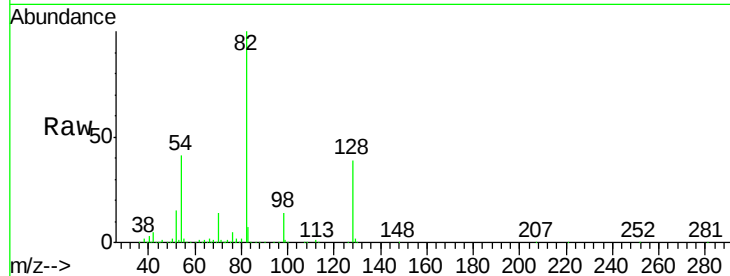
#23  
 Nitrobenzene-d5  
 Concen: 92.40 ng  
 RT: 9.11 min Scan# 1025  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 441406 |       |       |
| 128     | 39.0  | 30.9   | 46.3  |       |
| 54      | 41.3  | 30.3   | 45.5  |       |

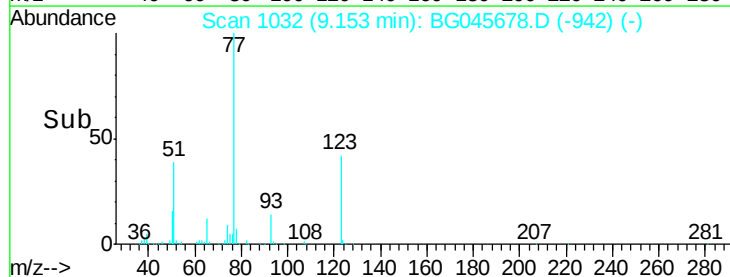
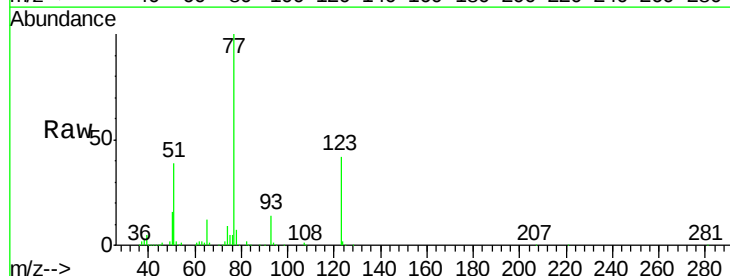
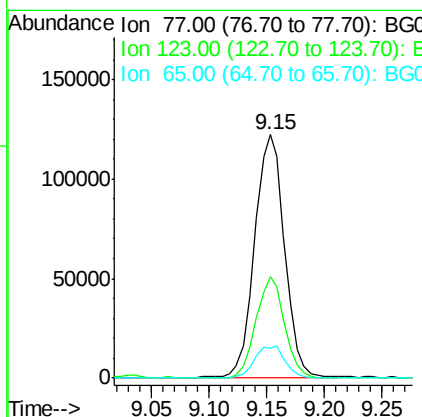
Manual Integrations  
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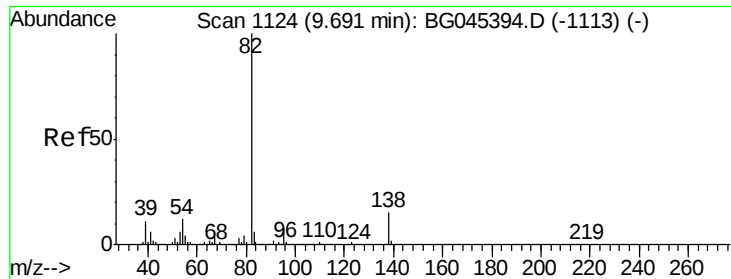
mohammad  
 6/10/2020 11:50:24 AM



#24  
 Nitrobenzene  
 Concen: 43.37 ng  
 RT: 9.15 min Scan# 1032  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 221979 |       |       |
| 123     | 41.6  | 32.9   | 49.3  |       |
| 65      | 12.3  | 9.4    | 14.2  |       |





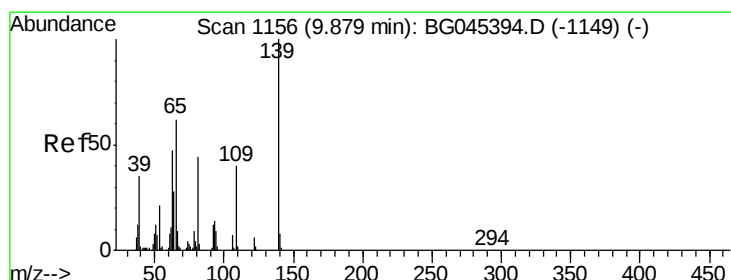
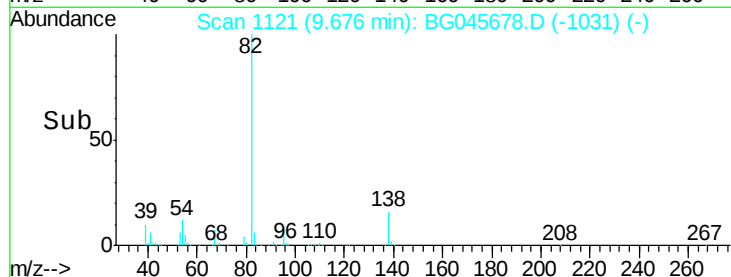
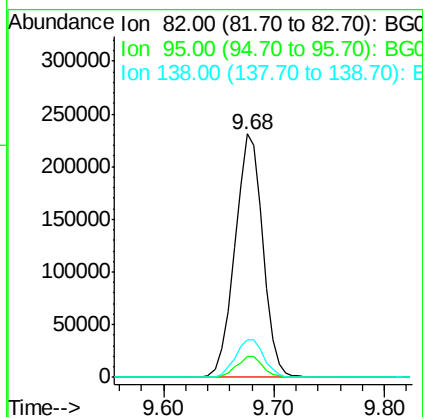
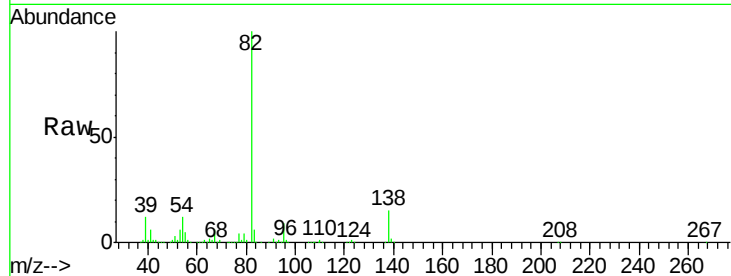
#25  
Isophorone  
Concen: 43.42 ng  
RT: 9.68 min Scan# 1121  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 408497 |       |       |
| 95      | 8.6   | 6.7    | 10.1  |       |
| 138     | 15.4  | 12.2   | 18.4  |       |

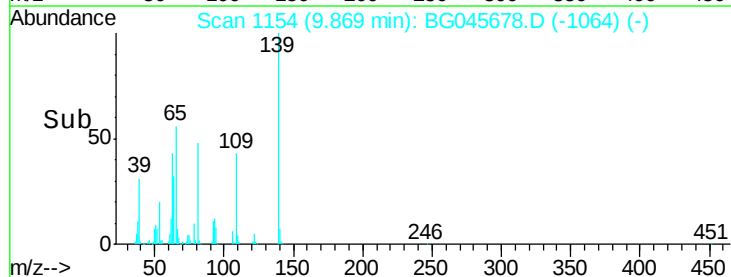
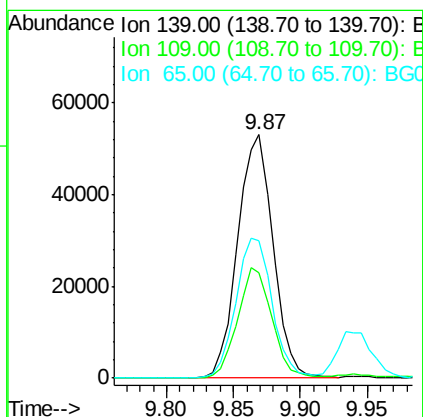
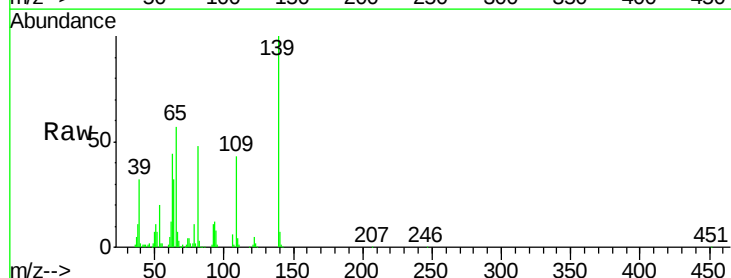
Manual Integrations  
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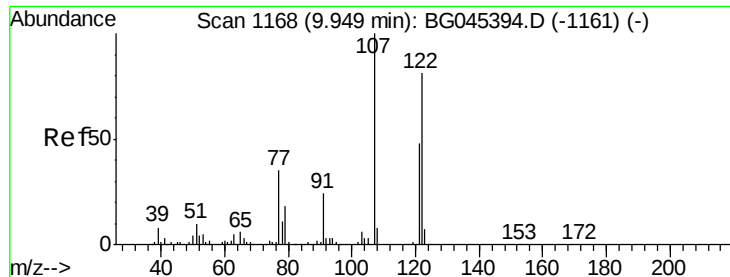
mohammad  
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#26  
2-Nitrophenol  
Concen: 44.51 ng  
RT: 9.87 min Scan# 1154  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 97448 |       |       |
| 109     | 43.2  | 32.2  | 48.4  |       |
| 65      | 56.6  | 49.6  | 74.4  |       |





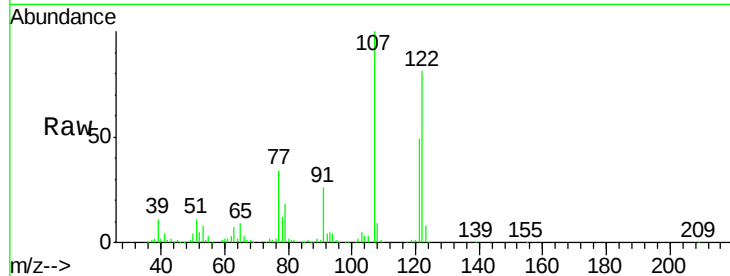
#27  
 2,4-Dimethylphenol  
 Concen: 48.41 ng  
 RT: 9.94 min Scan# 1166  
 Delta R.T. -0.01 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 157216 |       |       |
| 107     | 123.0 | 99.0   | 148.4 |       |
| 121     | 59.9  | 47.7   | 71.5  |       |

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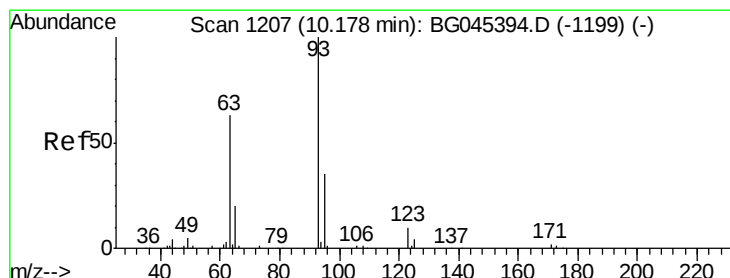
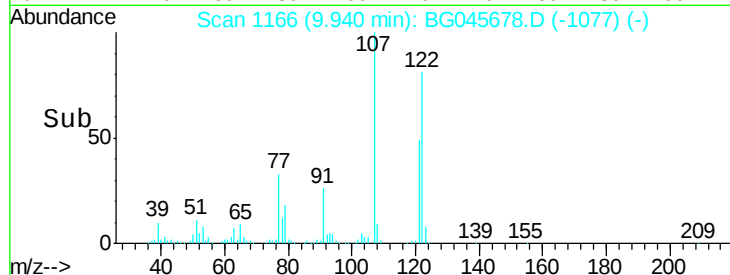
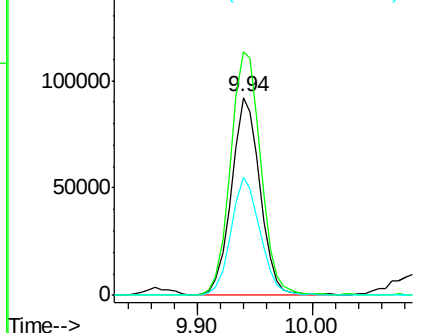


Abundance

Ion 122.00 (121.70 to 122.70): E

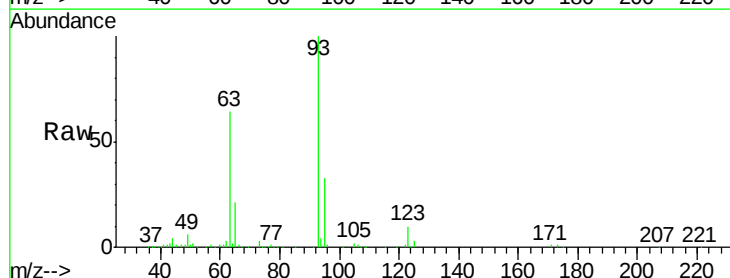
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.26 ng  
 RT: 10.16 min Scan# 1203  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 223324 |       |       |
| 95      | 32.5  | 27.6   | 41.4  |       |
| 123     | 9.8   | 8.1    | 12.1  |       |

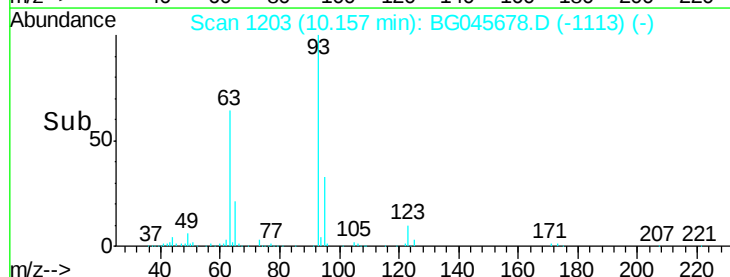
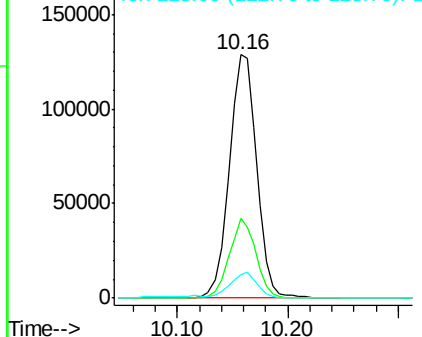


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





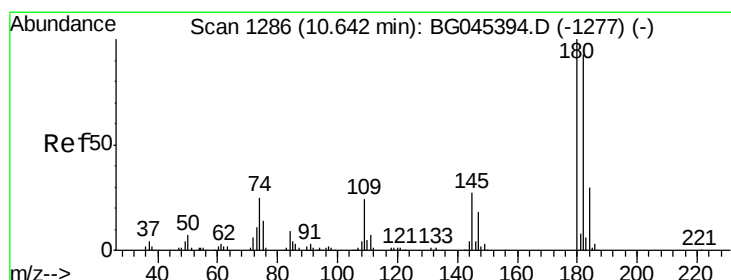
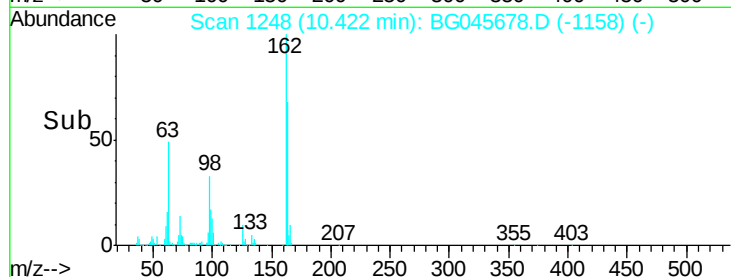
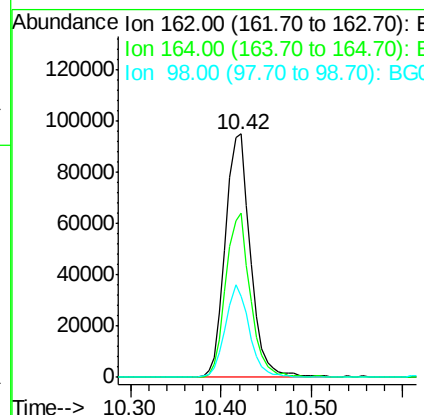
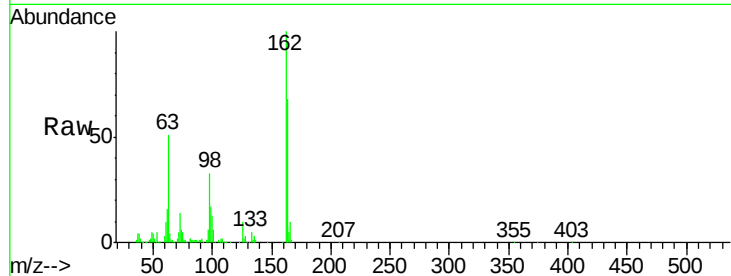
#29  
2,4-Dichlorophenol  
Concen: 47.73 ng  
RT: 10.42 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 67.6  | 46.8       | 86.8       |
| 98      | 33.0  | 15.2       | 55.2       |

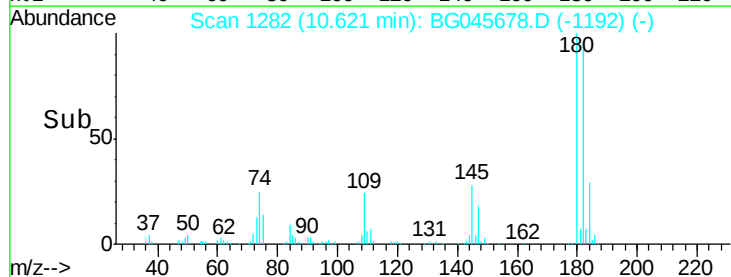
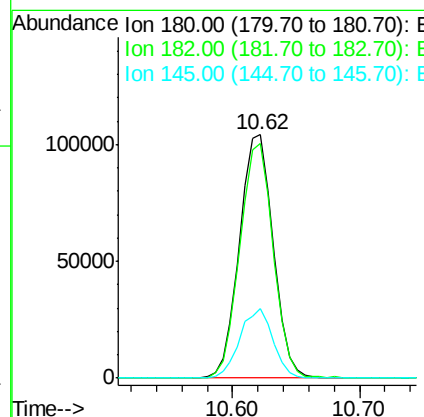
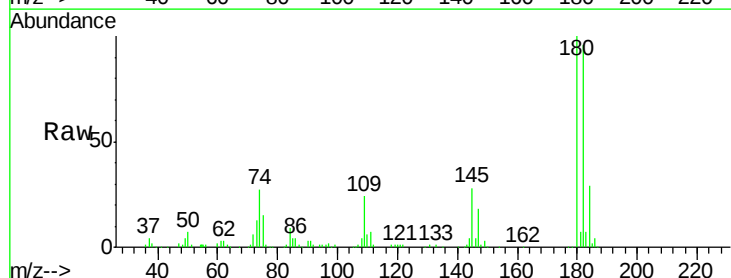
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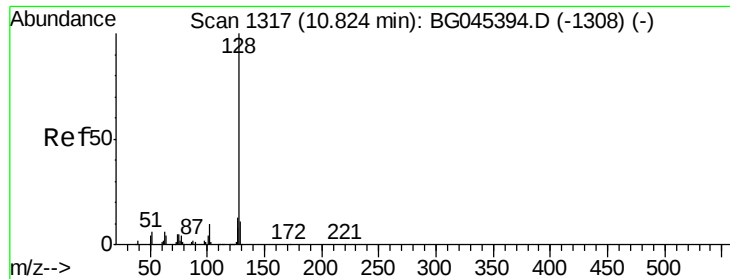
mohammad  
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#30  
1,2,4-Trichlorobenzene  
Concen: 42.38 ng  
RT: 10.62 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 96.5  | 74.8       | 112.2      |
| 145     | 28.3  | 21.9       | 32.9       |





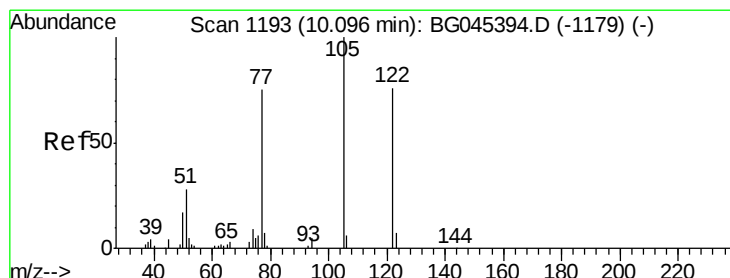
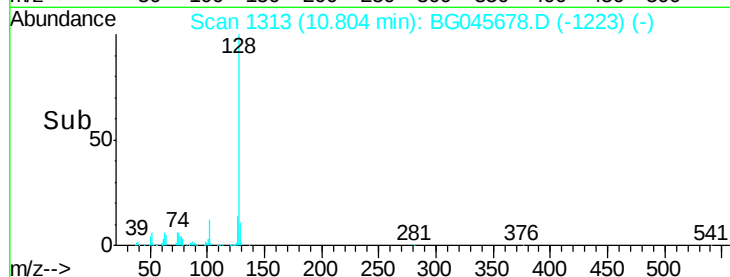
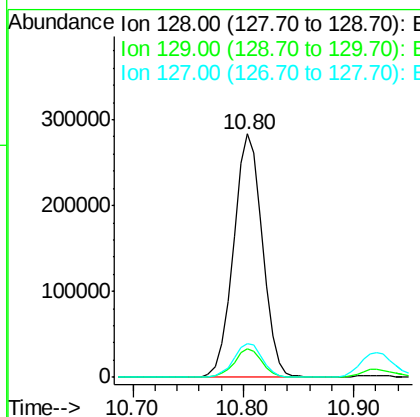
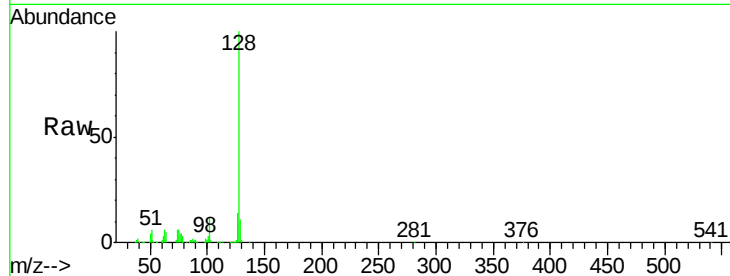
#31  
Naphthalene  
Concen: 42.65 ng  
RT: 10.80 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.0   | 13.6  |
| 127     | 13.8  | 10.7  | 16.1  |

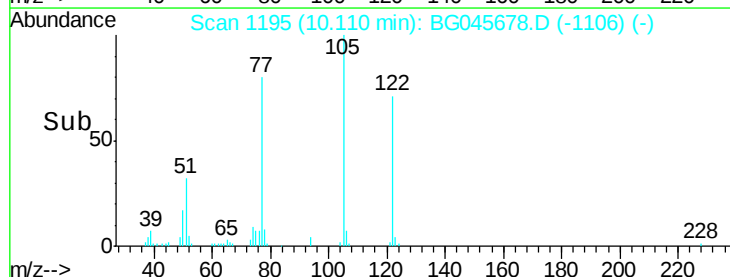
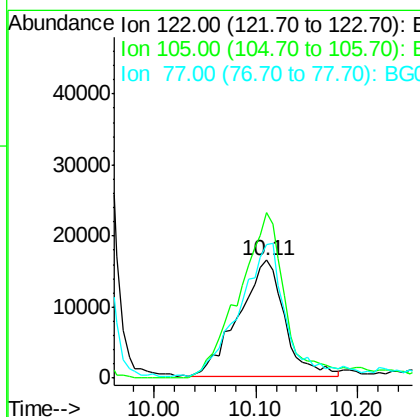
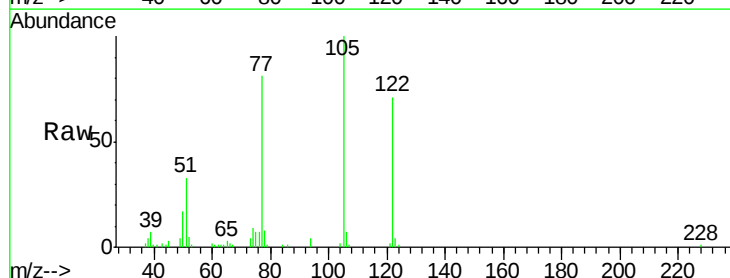
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#32  
Benzoic acid  
Concen: 28.32 ng  
RT: 10.11 min Scan# 1195  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 141.1 | 107.9 | 147.9 |
| 77      | 113.8 | 78.9  | 118.9 |





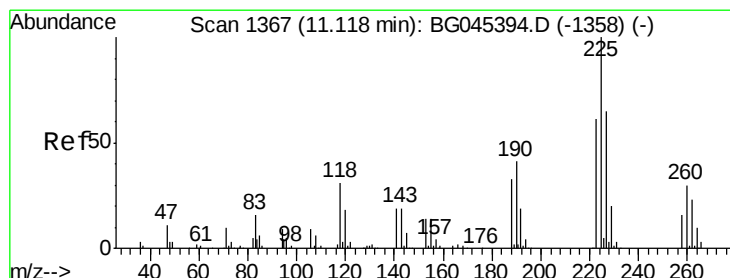
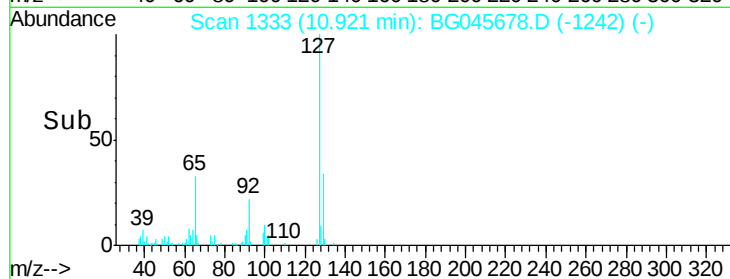
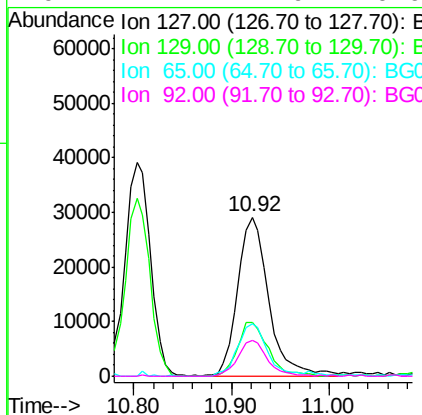
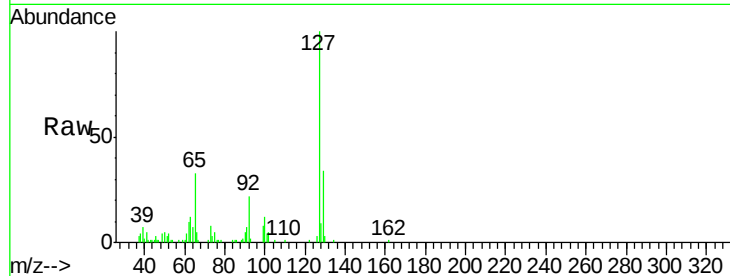
#33  
4-Chloroaniline  
Concen: 12.78 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 64833 |       |       |
| 129     | 33.6  | 24.7  | 37.1  |       |
| 65      | 33.0  | 26.2  | 39.2  |       |
| 92      | 22.4  | 17.9  | 26.9  |       |

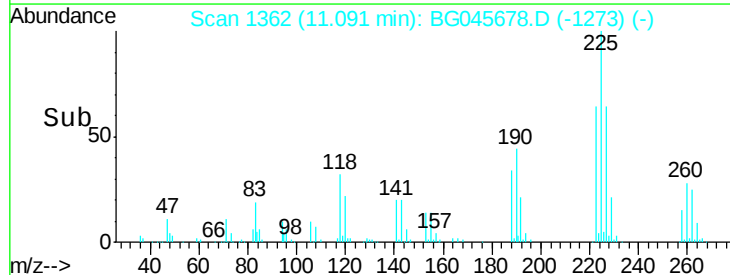
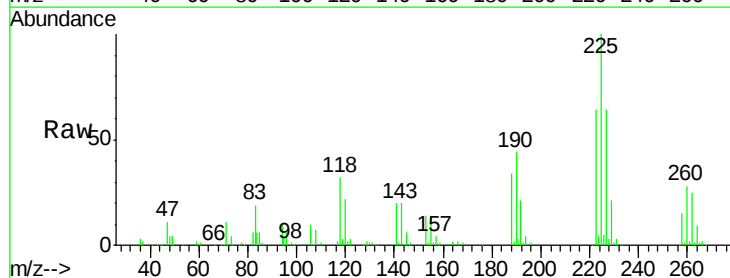
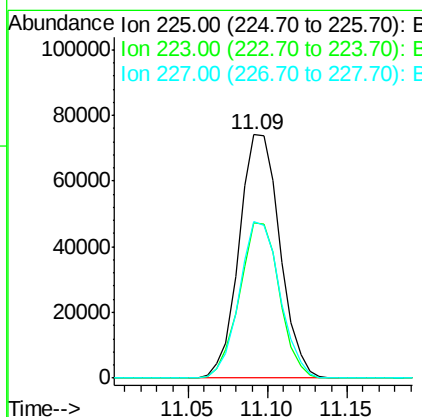
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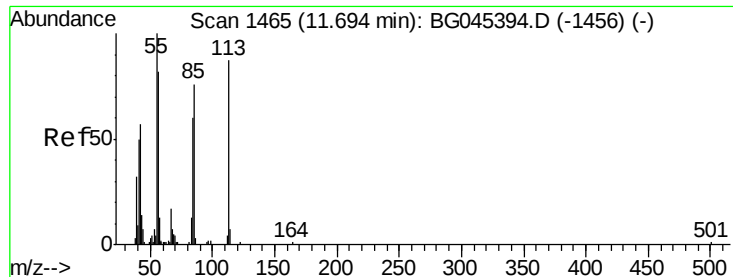
mohammad  
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#34  
Hexachlorobutadiene  
Concen: 41.34 ng  
RT: 11.09 min Scan# 1362  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 132402 |       |       |
| 223     | 63.9  | 49.1   | 73.7  |       |
| 227     | 64.5  | 52.0   | 78.0  |       |





#35

Caprolactam

Concen: 29.75 ng m

RT: 11.70 min Scan# 1466

Delta R.T. 0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

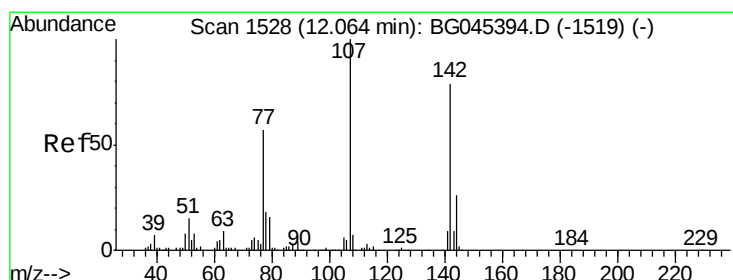
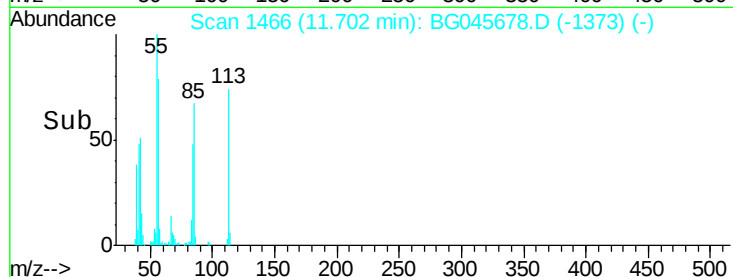
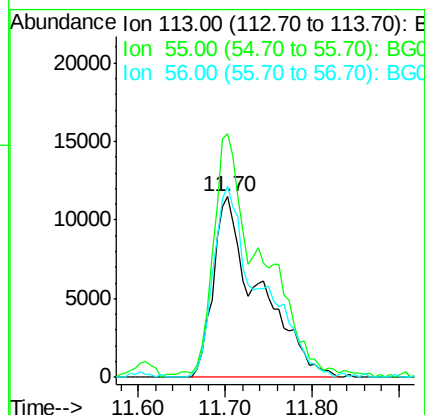
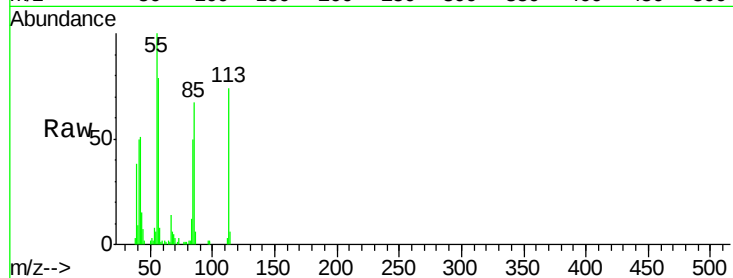
ClientSampleId :

GENMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 41869 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 55       | 135.0 | 96.0  | 136.0 |
| 56       | 106.1 | 75.1  | 115.1 |

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#36

4-Chloro-3-methylphenol

Concen: 45.84 ng

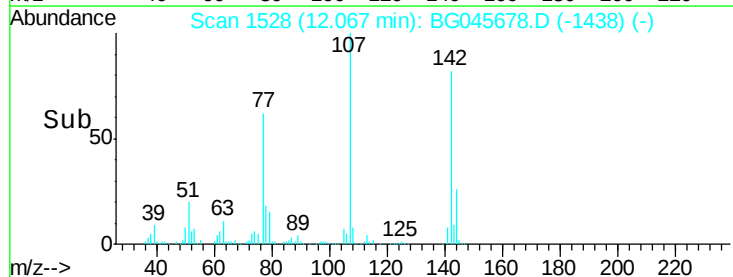
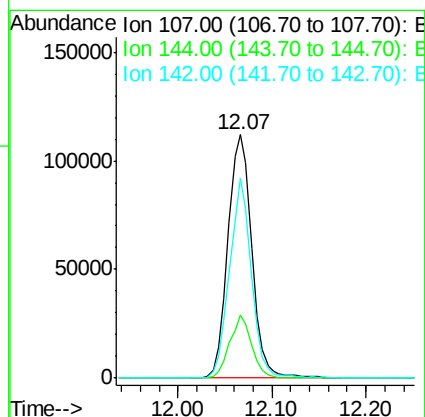
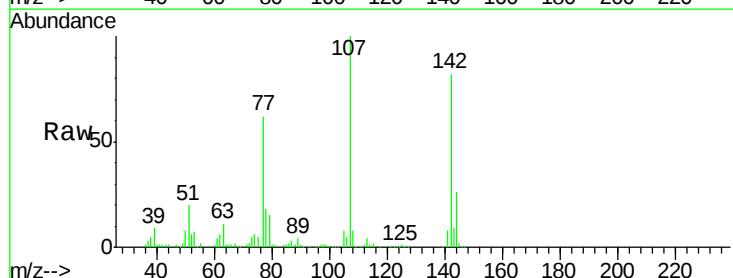
RT: 12.07 min Scan# 1528

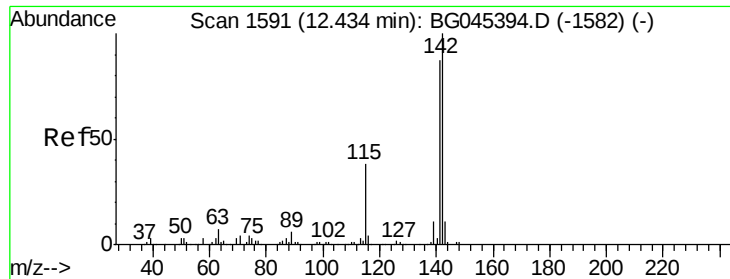
Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 198084 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 25.8  | 20.8  | 31.2   |
| 142      | 82.2  | 62.8  | 94.2   |





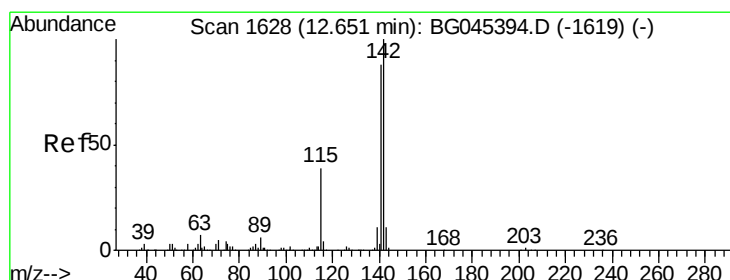
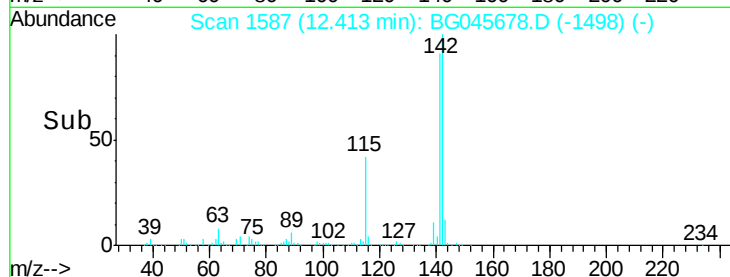
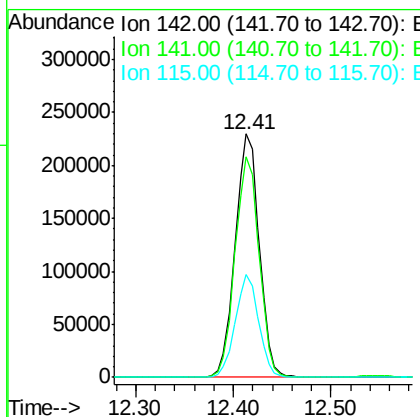
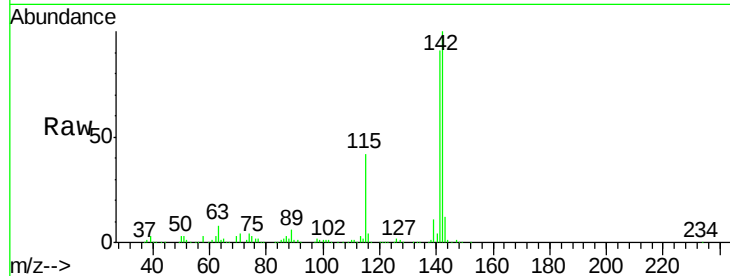
#37  
2-Methylnaphthalene  
Concen: 43.51 ng  
RT: 12.41 min Scan# 1587  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 393692 |       |       |
| 141     | 90.7  | 70.0   | 105.0 |       |
| 115     | 42.1  | 30.8   | 46.2  |       |

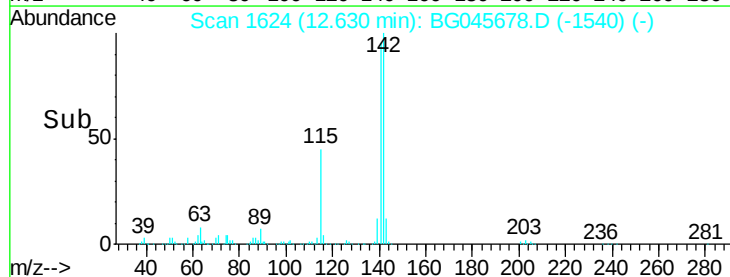
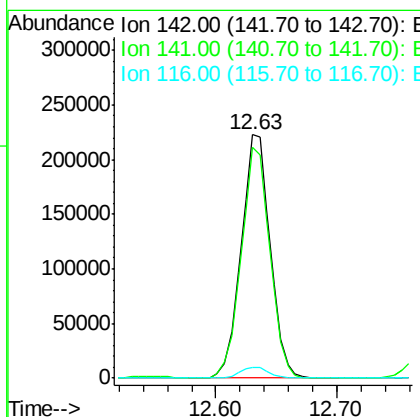
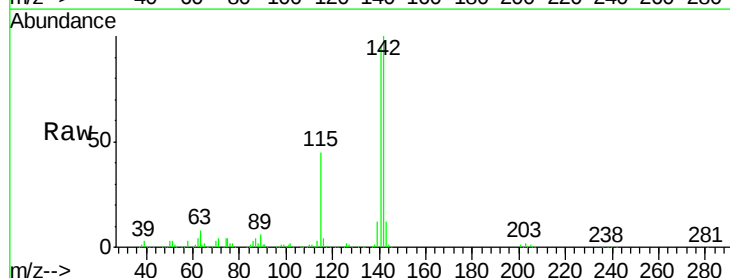
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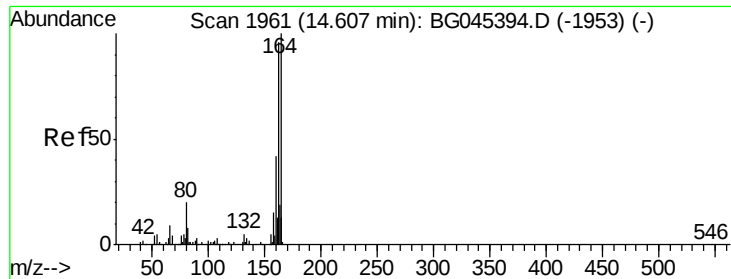
mohammad  
6/10/2020 11:50:24 AM



#38  
1-Methylnaphthalene  
Concen: 43.72 ng  
RT: 12.63 min Scan# 1624  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 373656 |       |       |
| 141     | 94.6  | 70.8   | 106.2 |       |
| 116     | 4.5   | 3.0    | 4.6   |       |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

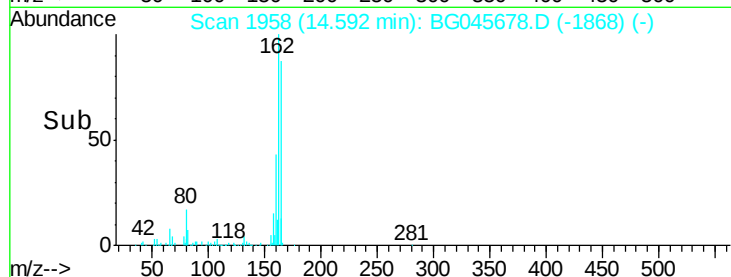
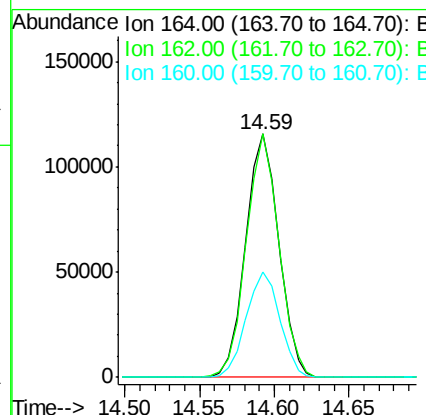
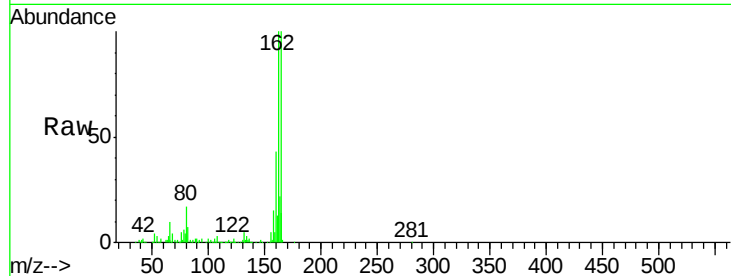
ClientSampleId :

GENMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.0 | 76.9  | 115.3 |
| 160     | 43.3  | 33.8  | 50.8  |

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.67 ng

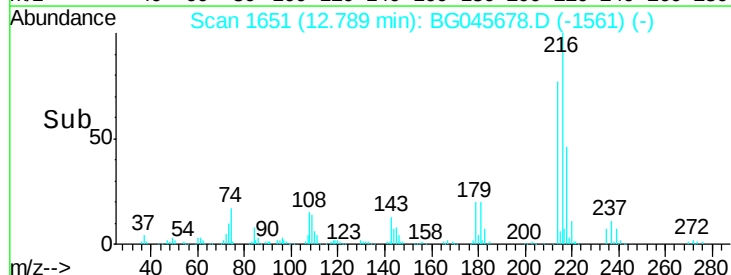
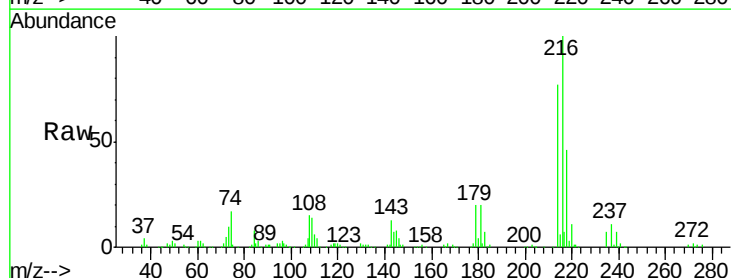
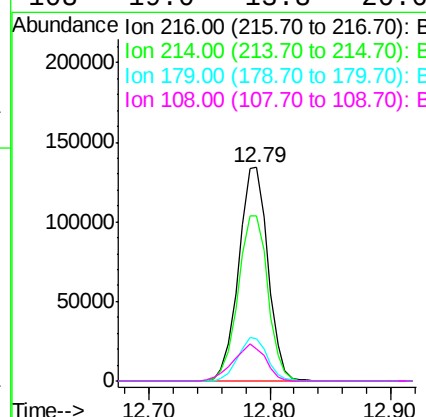
RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.3  | 63.7  | 95.5  |
| 179     | 20.2  | 16.1  | 24.1  |
| 108     | 19.0  | 13.8  | 20.6  |





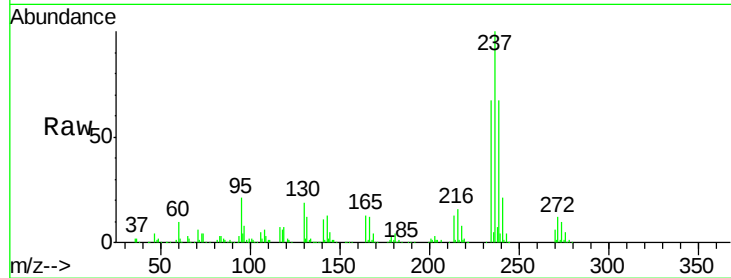
#41  
Hexachlorocyclopentadiene  
Concen: 80.33 ng  
RT: 12.77 min Scan# 1647  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

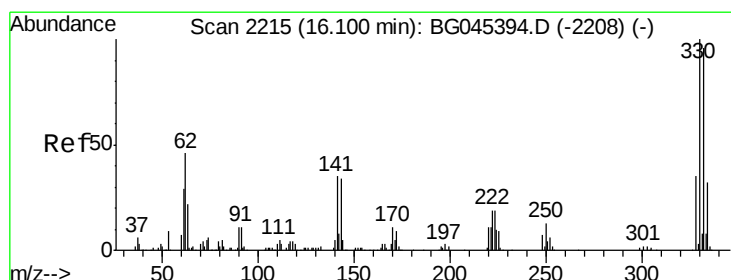
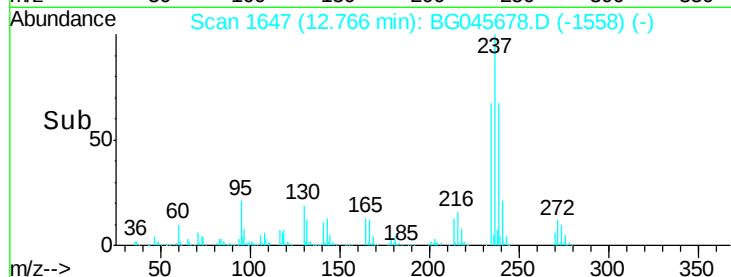
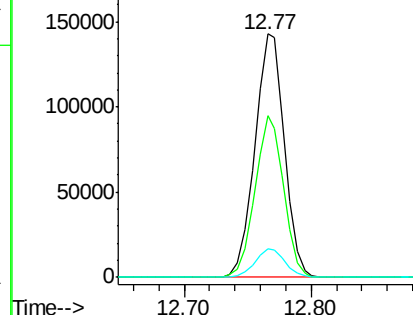
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 66.6  | 44.4       | 84.4       |
| 272     | 12.0  | 0.0        | 32.5       |

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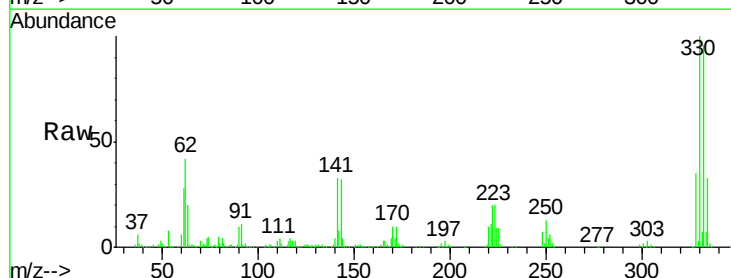


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

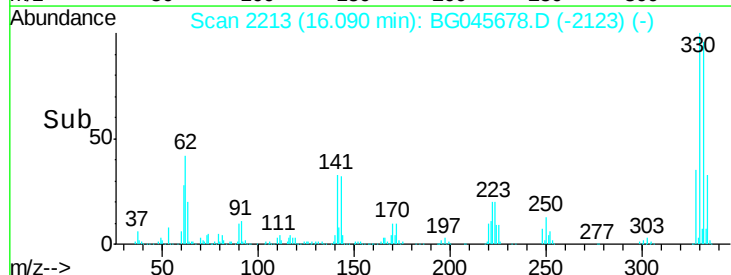
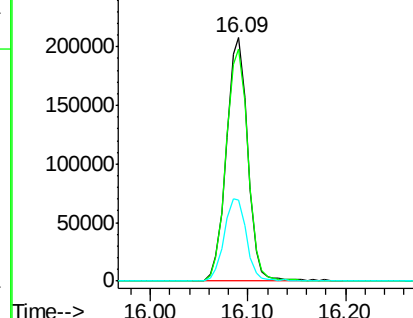


#42  
2,4,6-Tribromophenol  
Concen: 138.83 ng  
RT: 16.09 min Scan# 2213  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 98.1  | 78.2       | 117.4      |
| 141     | 35.4  | 28.2       | 42.4       |



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





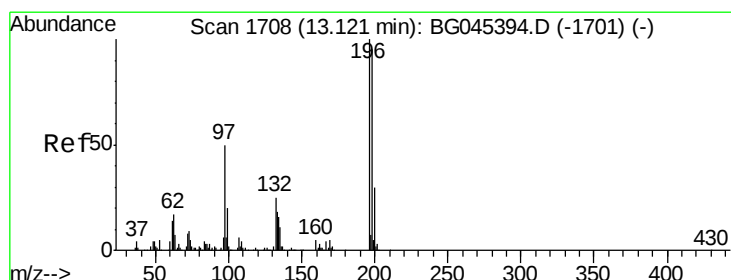
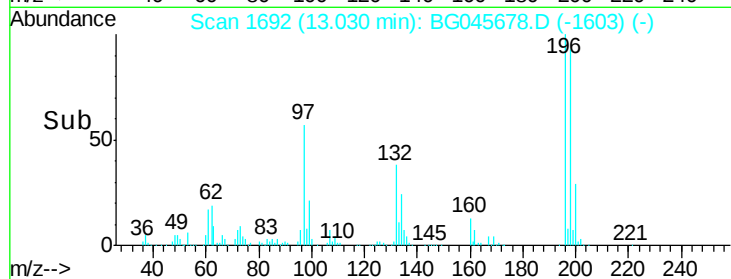
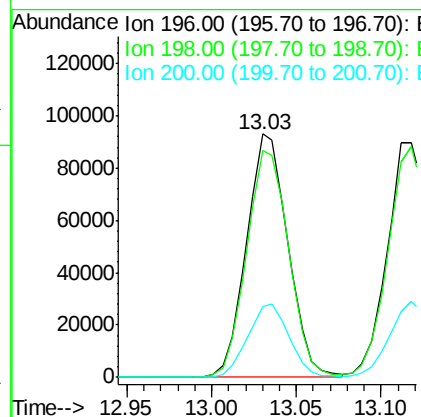
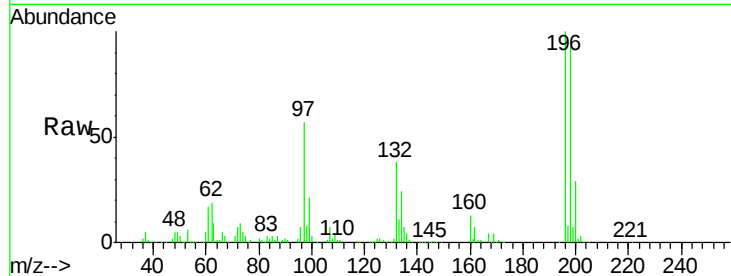
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.85 ng  
 RT: 13.03 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 158380 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 93.0  | 76.7  | 115.1  |
| 200       | 29.3  | 24.9  | 37.3   |

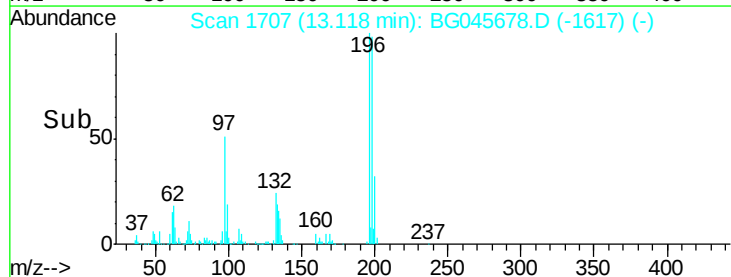
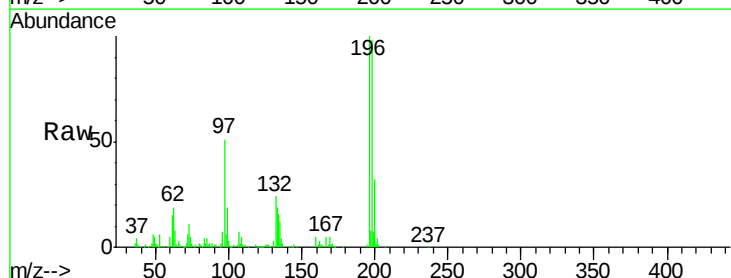
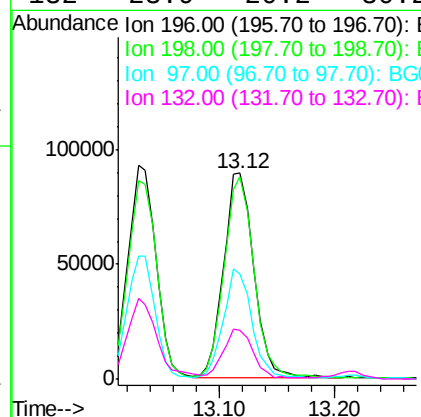
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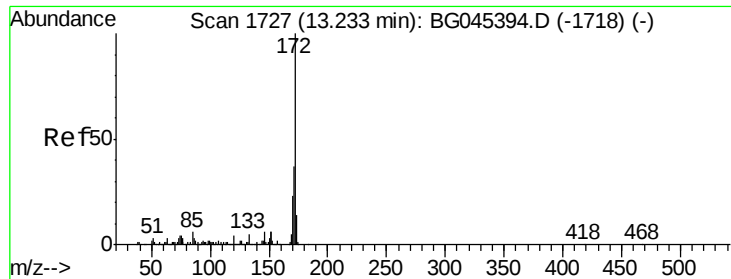
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#44  
 2,4,5-Trichlorophenol  
 Concen: 41.05 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 162057 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.3  | 76.1  | 114.1  |
| 97        | 51.3  | 40.0  | 60.0   |
| 132       | 23.9  | 20.2  | 30.2   |





#45

2-Fluorobiphenyl

Concen: 92.38 ng

RT: 13.21 min Scan# 1723

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

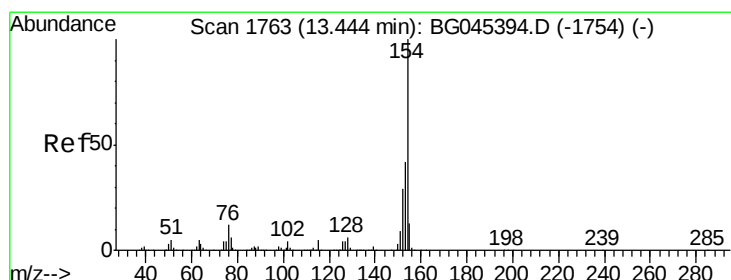
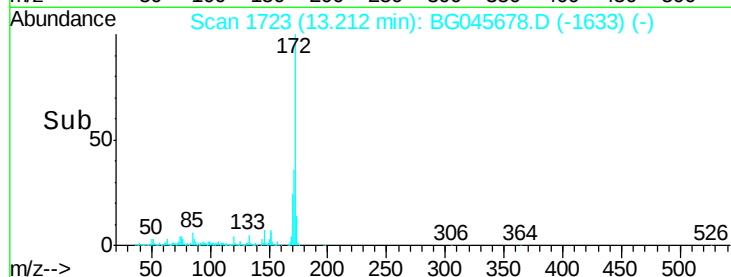
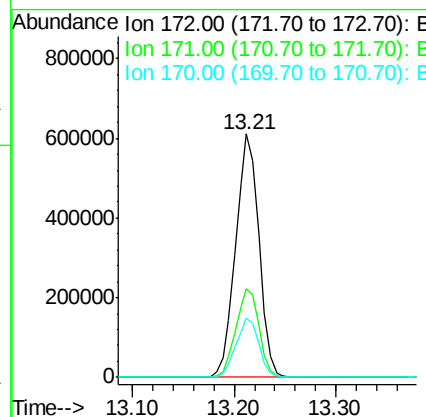
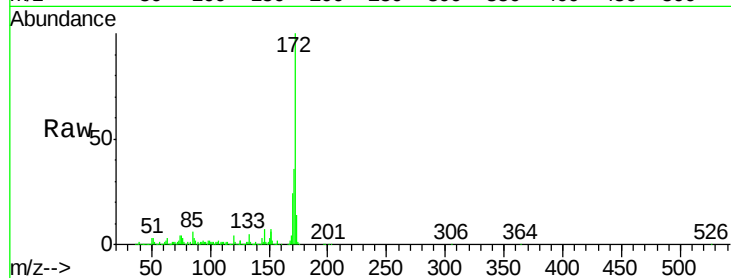
ClientSampleId :

GENMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 969639 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.4  | 29.5  | 44.3   |
| 170       | 24.2  | 18.5  | 27.7   |

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#46

1,1'-Biphenyl

Concen: 46.34 ng

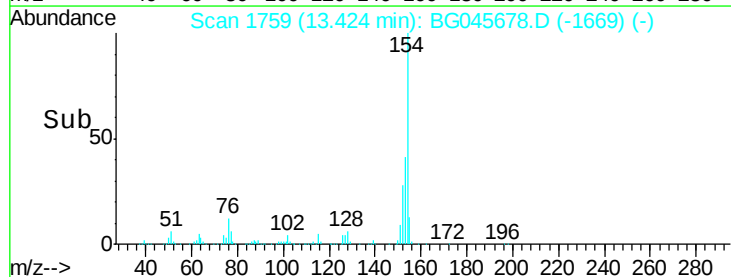
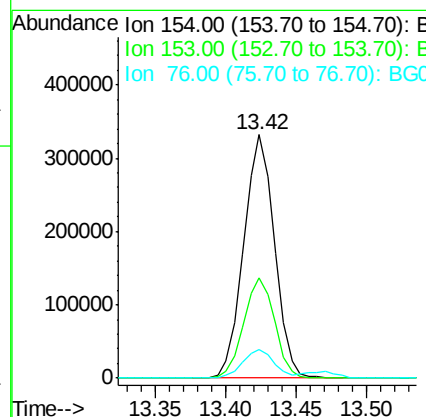
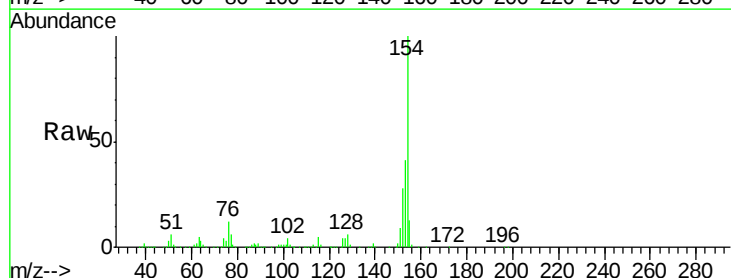
RT: 13.42 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 506974 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.3  | 22.2  | 62.2   |
| 76        | 11.7  | 0.0   | 32.4   |





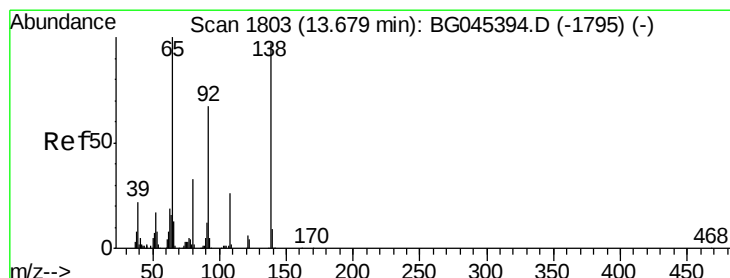
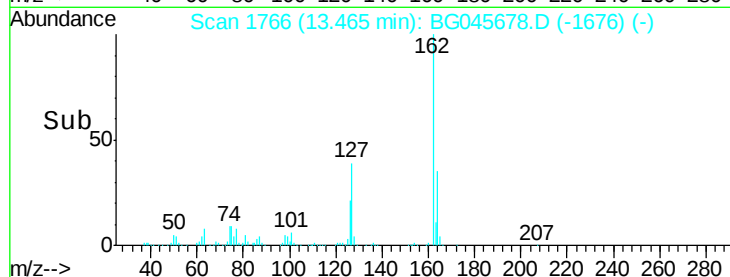
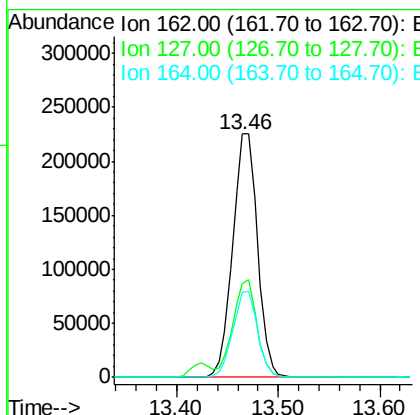
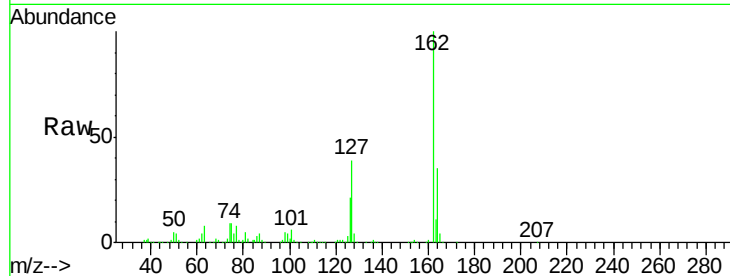
#47  
2-Chloronaphthalene  
Concen: 43.17 ng  
RT: 13.46 min Scan# 1766  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 38.5  | 31.6       | 47.4       |
| 164     | 35.1  | 28.1       | 42.1       |

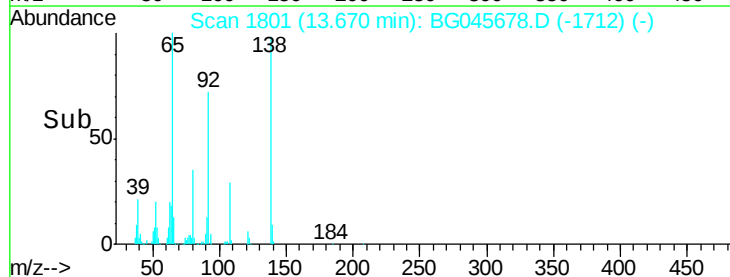
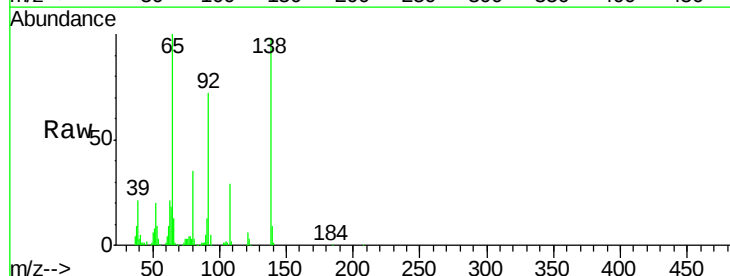
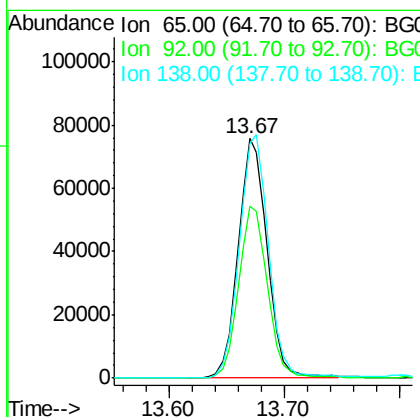
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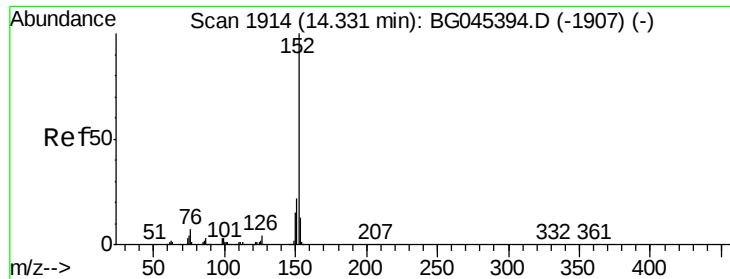
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#48  
2-Nitroaniline  
Concen: 44.95 ng  
RT: 13.67 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 65      | 100   |            |            |
| 92      | 71.8  | 53.8       | 80.8       |
| 138     | 97.8  | 77.9       | 116.9      |





#49

Acenaphthylene

Concen: 45.01 ng

RT: 14.32 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

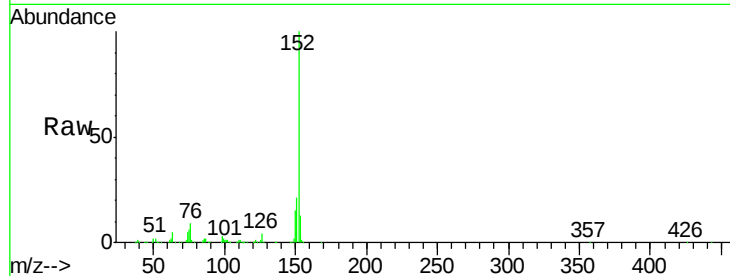
ClientSampleId :

GENMSD

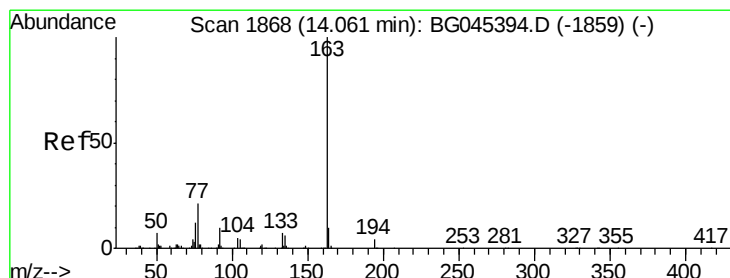
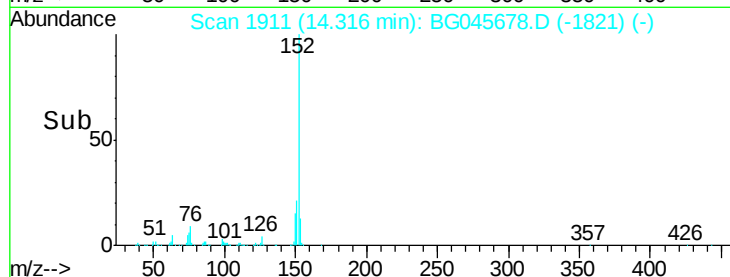
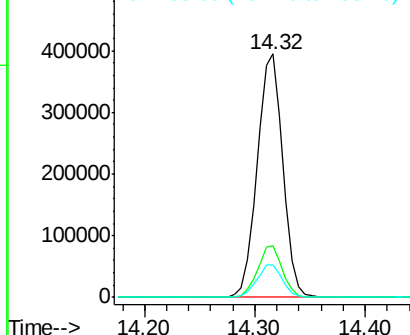
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 152  | Resp: | 642248 |
| Ion Ratio |      | Lower | Upper  |
| 152       | 100  |       |        |
| 151       | 21.5 | 17.4  | 26.2   |
| 153       | 13.4 | 10.7  | 16.1   |

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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.71 ng

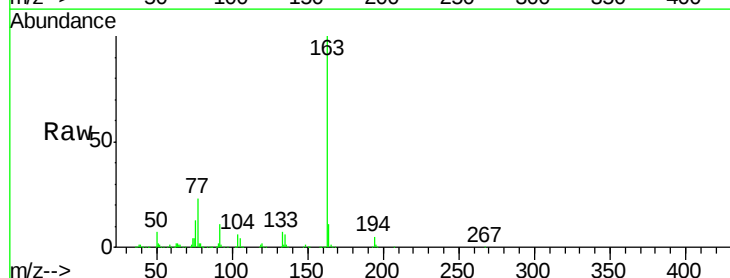
RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

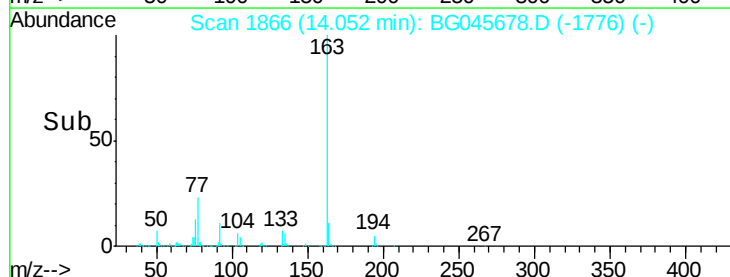
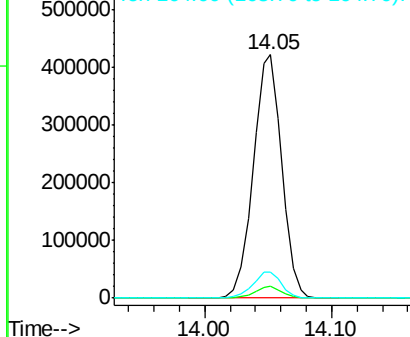
Lab File: BG045678.D

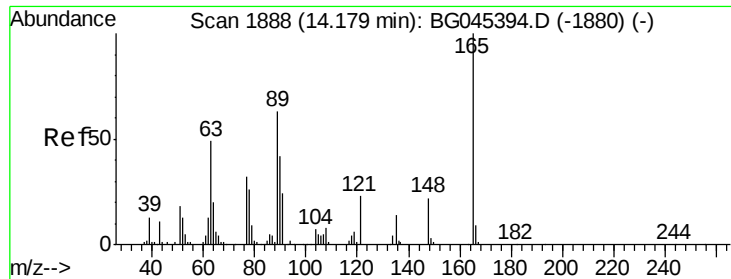
Acq: 10 Jun 2020 3:15

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 163  | Resp: | 655990 |
| Ion Ratio |      | Lower | Upper  |
| 163       | 100  |       |        |
| 194       | 4.7  | 3.2   | 4.8    |
| 164       | 10.8 | 8.3   | 12.5   |



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E





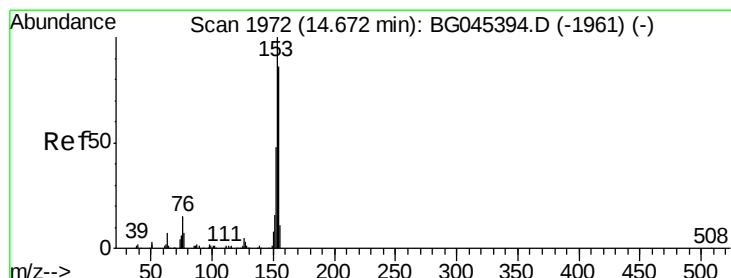
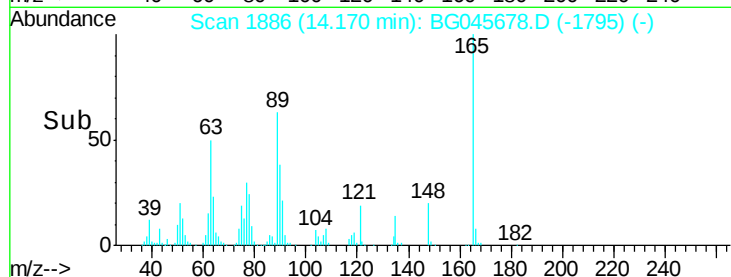
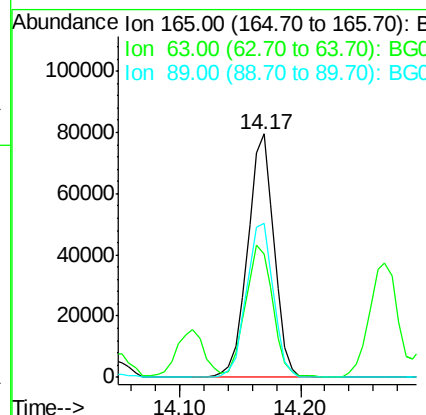
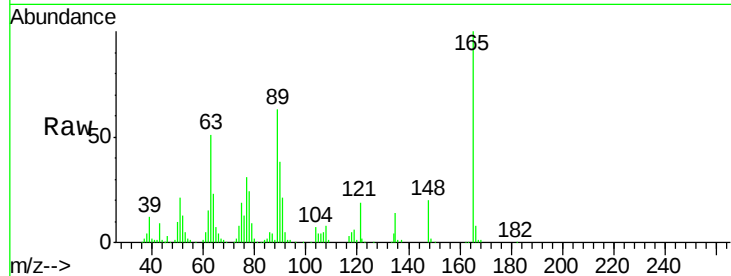
#51  
2,6-Dinitrotoluene  
Concen: 44.00 ng  
RT: 14.17 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 121244 |       |       |
| 63      | 50.5  | 45.0   | 67.4  |       |
| 89      | 63.2  | 50.2   | 75.4  |       |

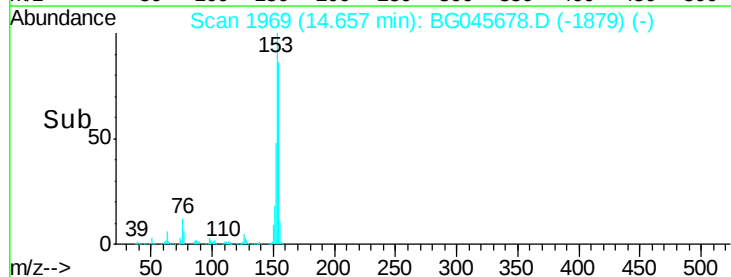
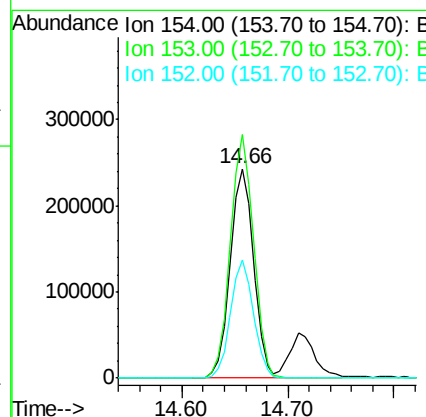
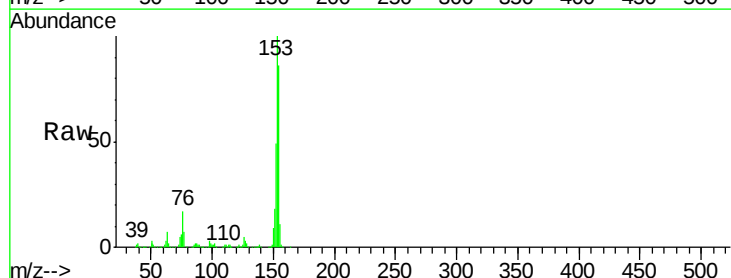
Manual Integrations  
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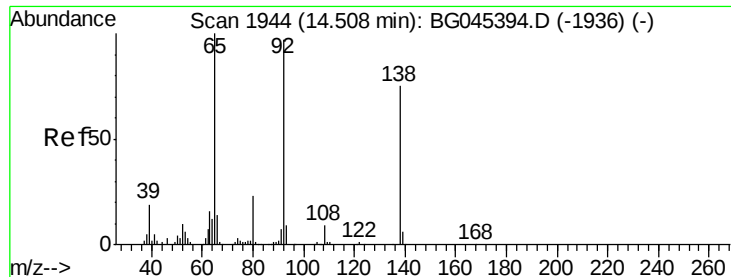
mohammad  
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#52  
Acenaphthene  
Concen: 47.76 ng m  
RT: 14.66 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 456146 |       |       |
| 153     | 116.2 | 92.8   | 139.2 |       |
| 152     | 56.4  | 44.6   | 66.8  |       |





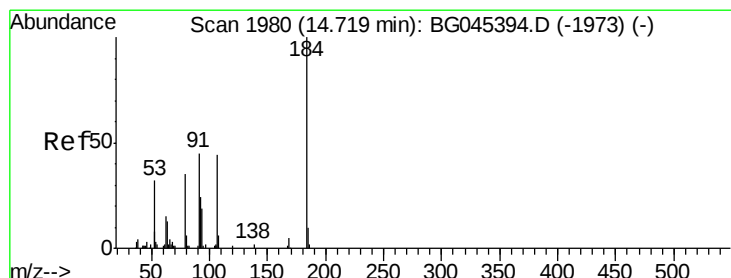
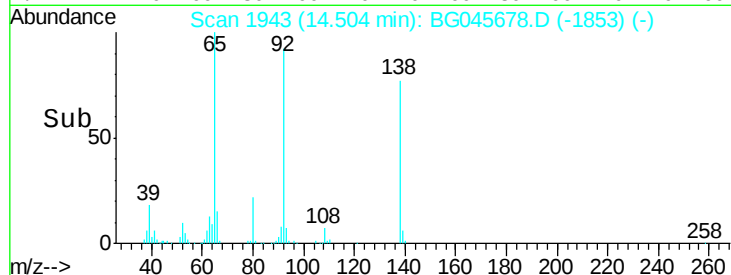
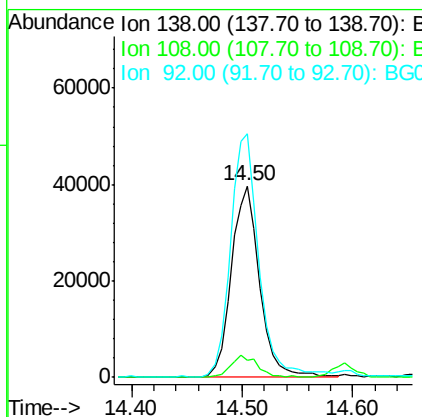
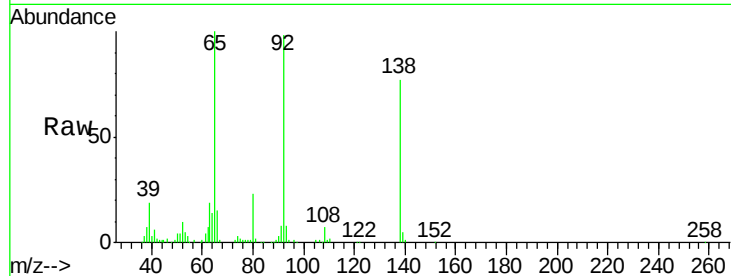
#53  
3-Nitroaniline  
Concen: 25.43 ng  
RT: 14.50 min Scan# 1943  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

Tgt Ion:138 Resp: 71230  
Ion Ratio Lower Upper  
138 100  
108 9.0 9.8 14.6#  
92 127.3 103.0 154.4

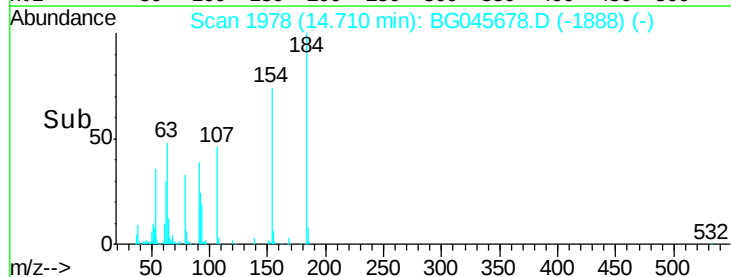
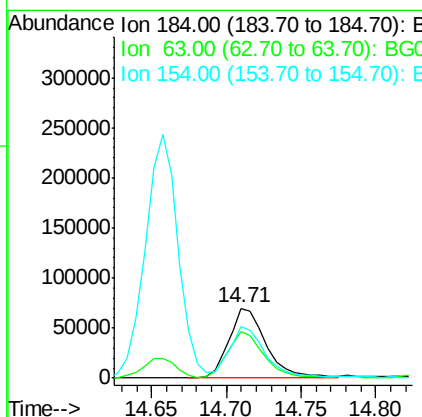
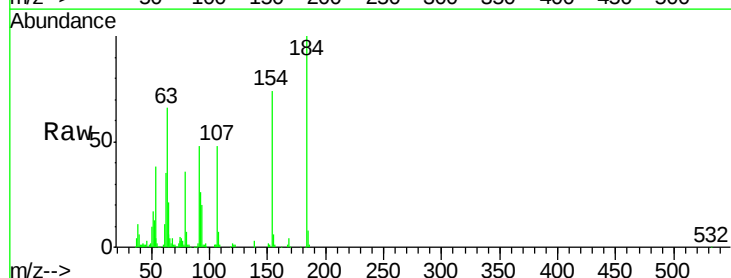
Manual Integrations  
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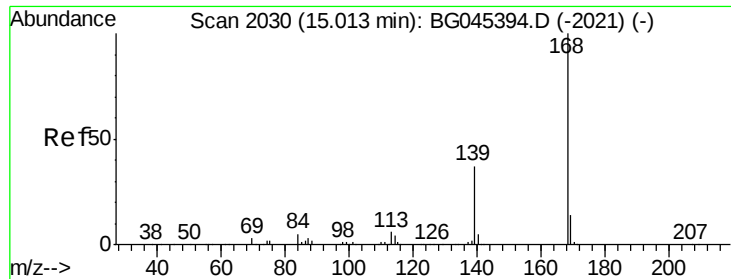
mohammad  
6/10/2020 11:50:24 AM



#54  
2,4-Dinitrophenol  
Concen: 68.52 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Tgt Ion:184 Resp: 122170  
Ion Ratio Lower Upper  
184 100  
63 66.3 47.8 71.6  
154 74.4 58.3 87.5





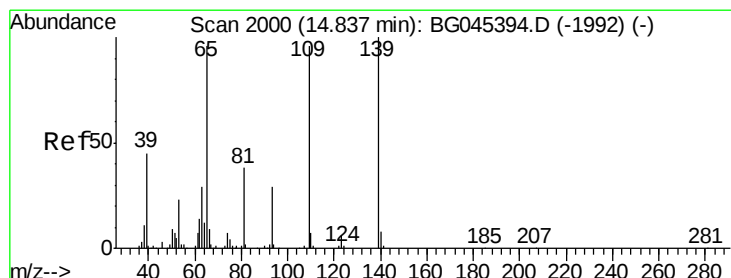
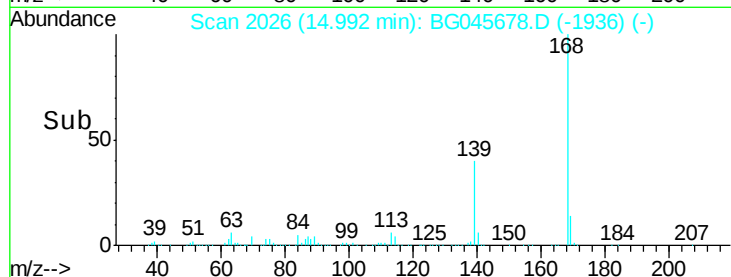
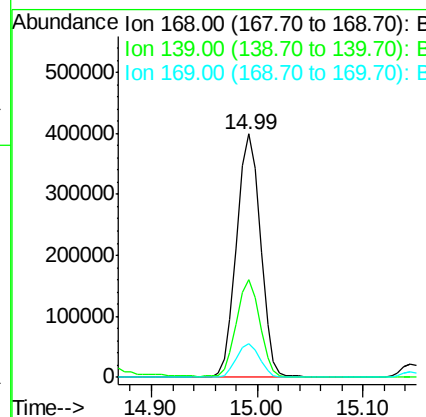
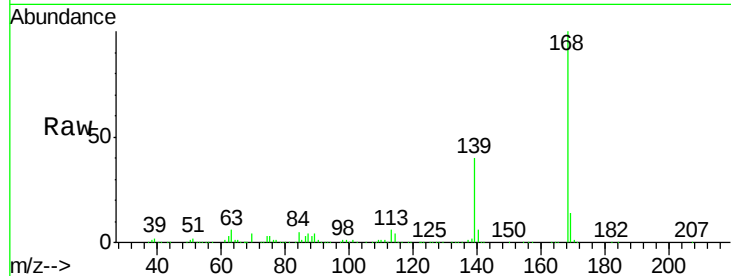
#55  
Dibenzofuran  
Concen: 43.99 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampled :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 623969 |       |       |
| 139     | 40.0  | 29.9   | 44.9  |       |
| 169     | 13.9  | 10.9   | 16.3  |       |

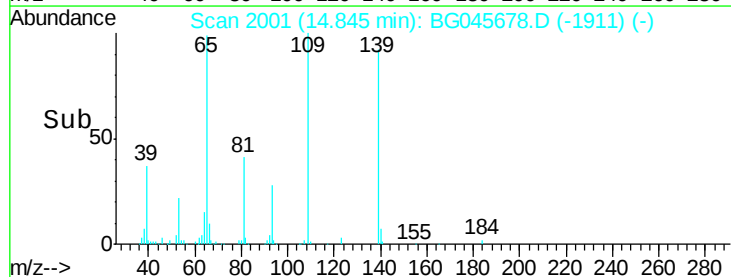
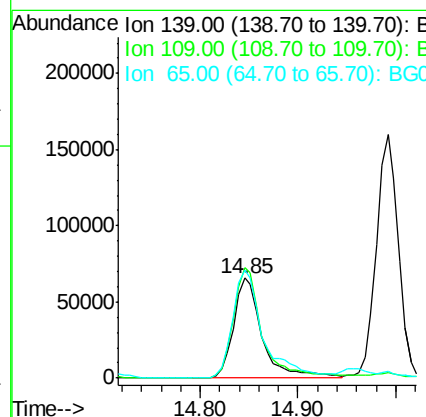
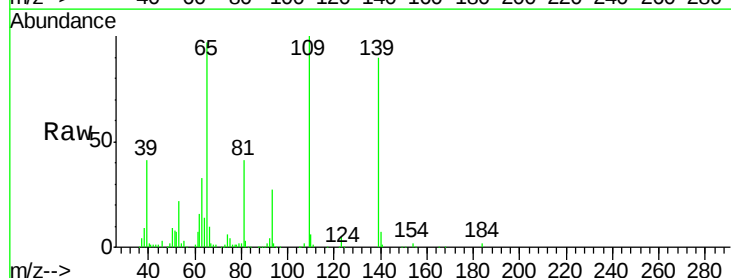
Manual Integrations  
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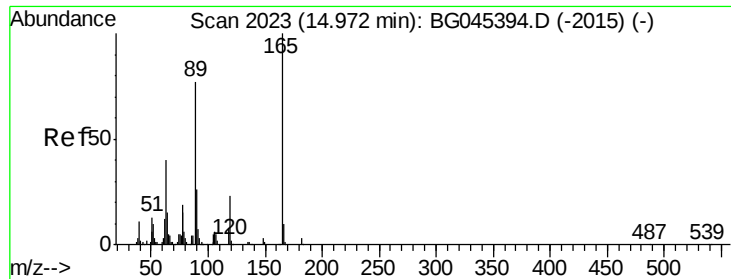
mohammad  
6/10/2020 11:50:24 AM



#56  
4-Nitrophenol  
Concen: 63.25 ng  
RT: 14.85 min Scan# 2001  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 134155 |       |       |
| 109     | 110.5 | 75.6   | 115.6 |       |
| 65      | 107.3 | 76.8   | 116.8 |       |





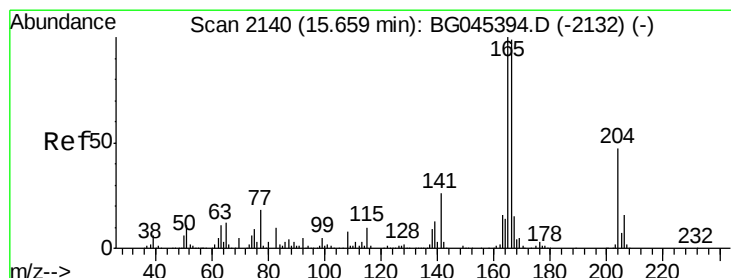
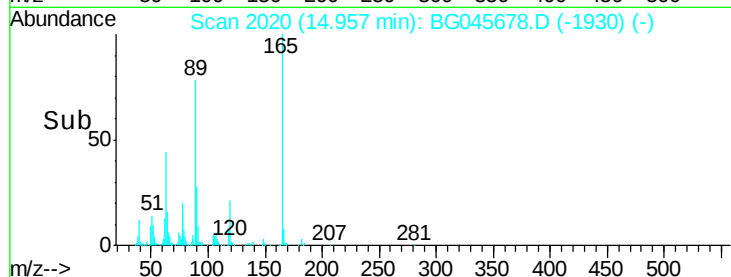
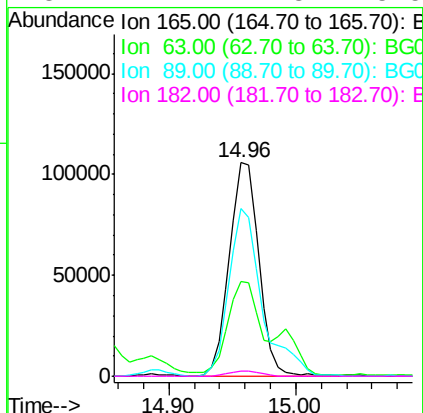
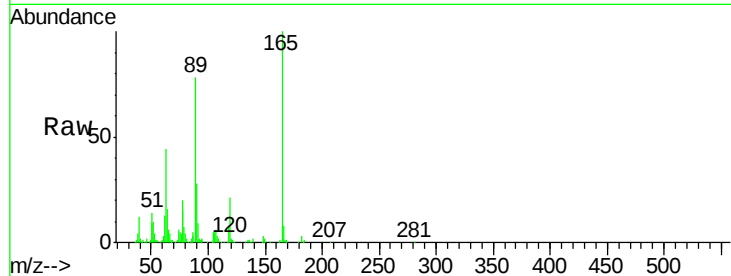
#57  
2,4-Dinitrotoluene  
Concen: 42.63 ng  
RT: 14.96 min Scan# 2020  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 170154 |       |       |
| 63      | 44.5  | 32.5   | 48.7  |       |
| 89      | 78.5  | 61.8   | 92.6  |       |
| 182     | 2.7   | 2.3    | 3.5   |       |

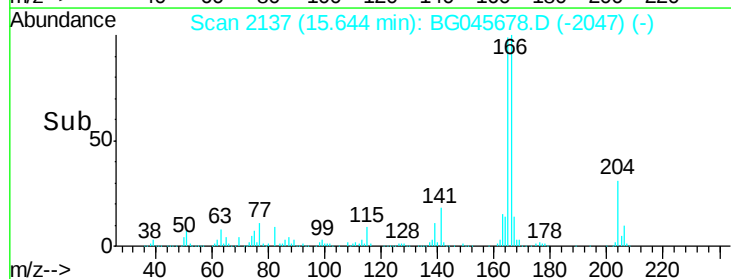
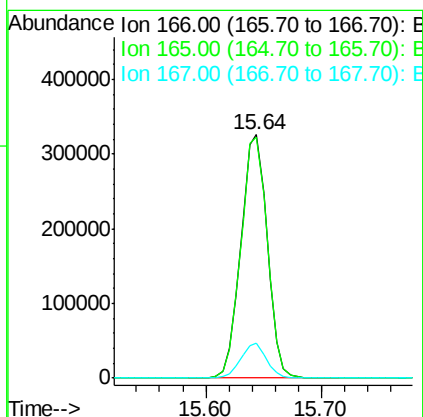
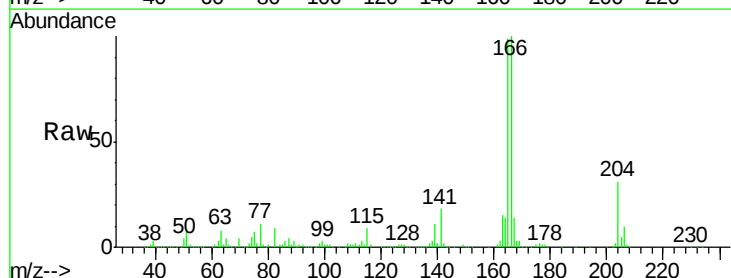
Manual Integrations  
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6/10/2020 11:50:24 AM



#58  
Fluorene  
Concen: 44.28 ng  
RT: 15.64 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 515948 |       |       |
| 165     | 98.9  | 80.8   | 121.2 |       |
| 167     | 14.2  | 12.0   | 18.0  |       |





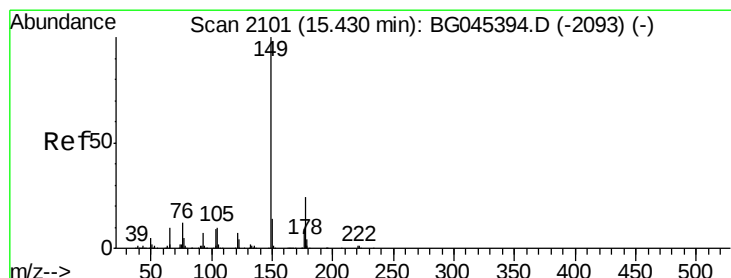
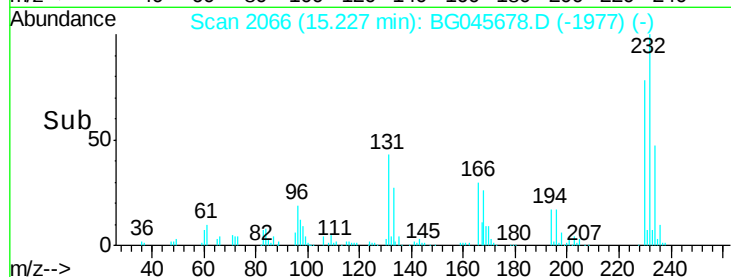
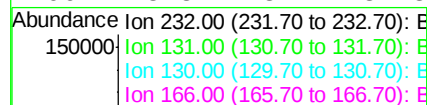
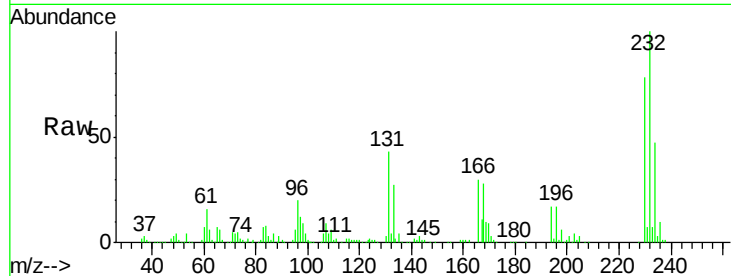
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.27 ng  
RT: 15.23 min Scan# 2066  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 157215 |       |       |
| 131     | 40.1  | 33.7   | 50.5  |       |
| 130     | 2.7   | 2.1    | 3.1   |       |
| 166     | 28.3  | 23.2   | 34.8  |       |

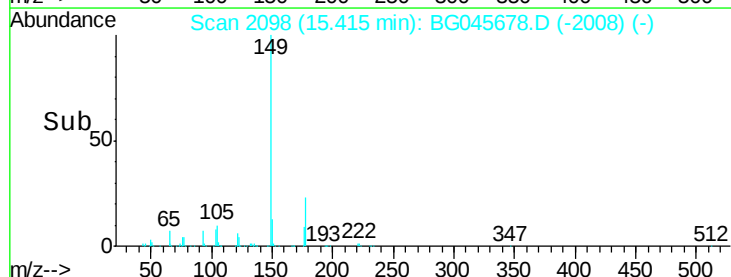
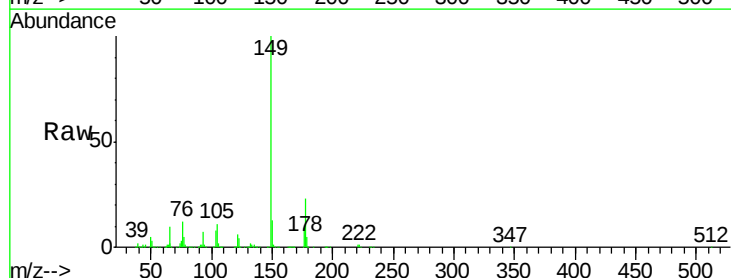
Manual Integrations  
APPROVED

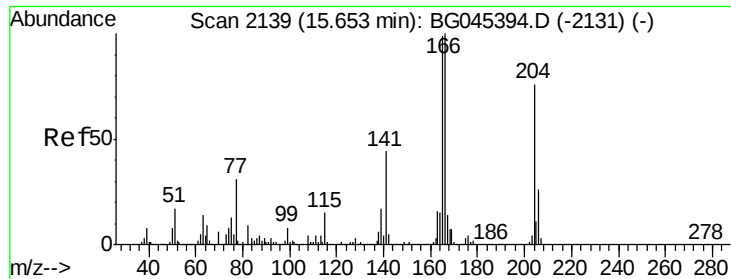
mohammad  
6/10/2020 11:50:24 AM



#60  
Diethylphthalate  
Concen: 42.89 ng  
RT: 15.41 min Scan# 2098  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 545230 |       |       |
| 177     | 23.5  | 19.0   | 28.4  |       |
| 150     | 12.6  | 11.4   | 17.0  |       |





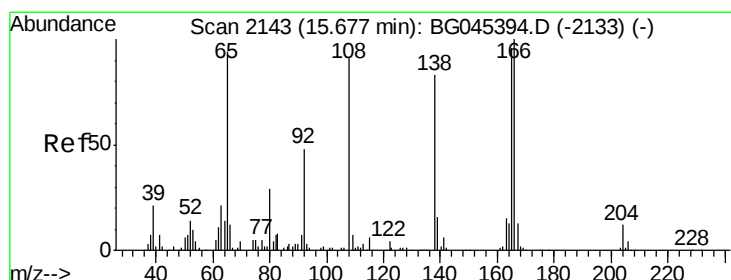
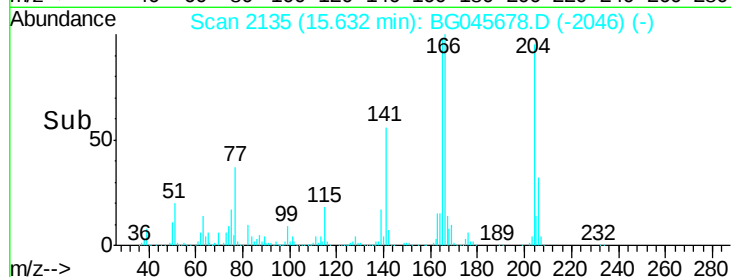
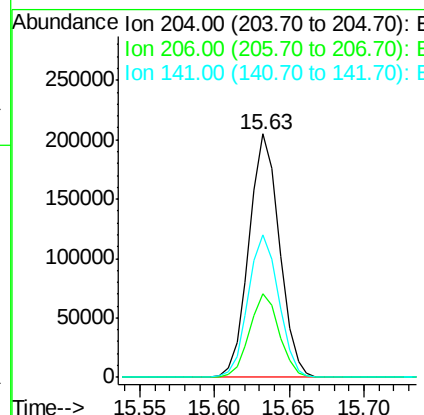
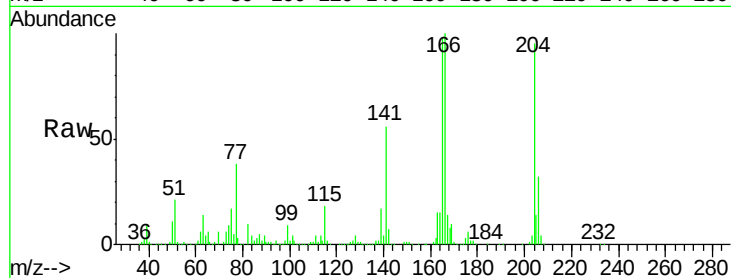
#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.19 ng  
 RT: 15.63 min Scan# 2135  
 Delta R.T. -0.01 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 34.1  | 27.3       | 40.9       |
| 141     | 58.5  | 45.9       | 68.9       |

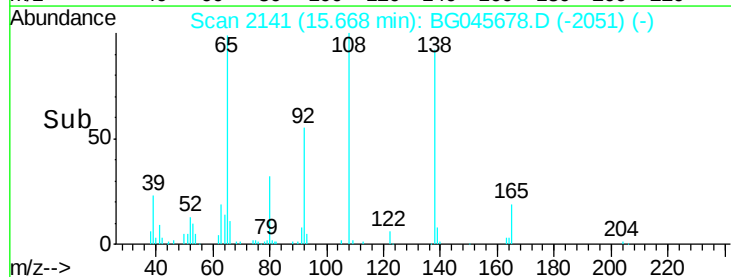
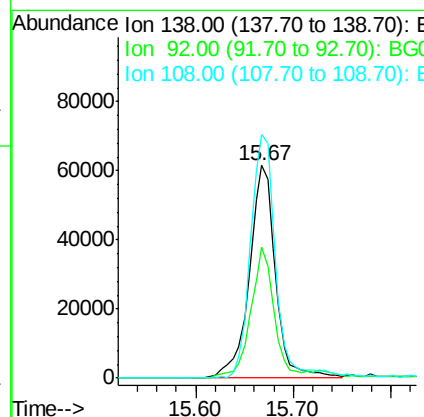
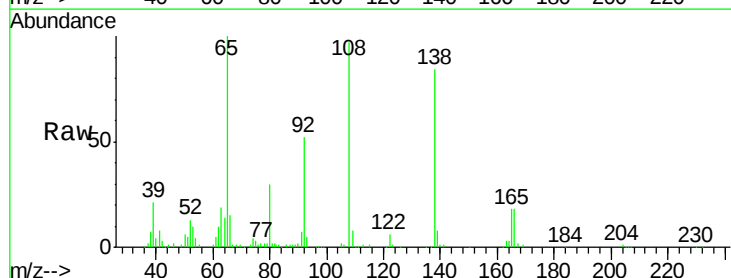
Manual Integrations  
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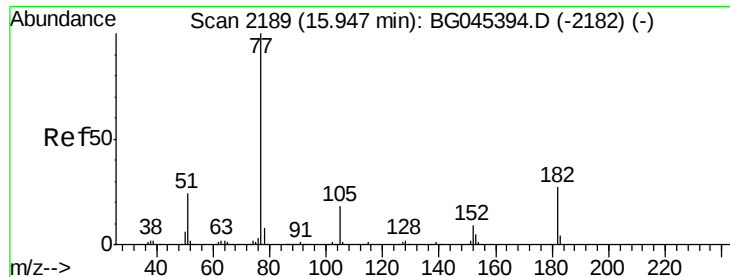
mohammad  
 6/10/2020 11:50:24 AM



#62  
 4-Nitroaniline  
 Concen: 39.68 ng  
 RT: 15.67 min Scan# 2141  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 138     | 100   |            |            |
| 92      | 61.3  | 38.0       | 78.0       |
| 108     | 114.5 | 89.3       | 129.3      |





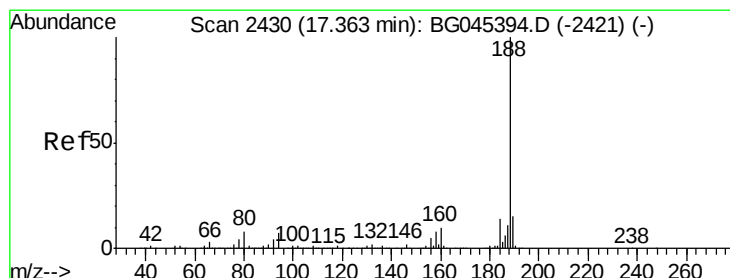
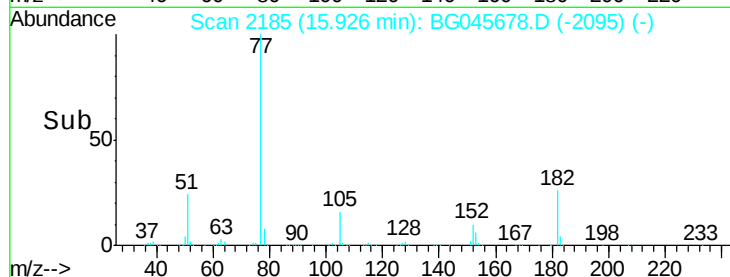
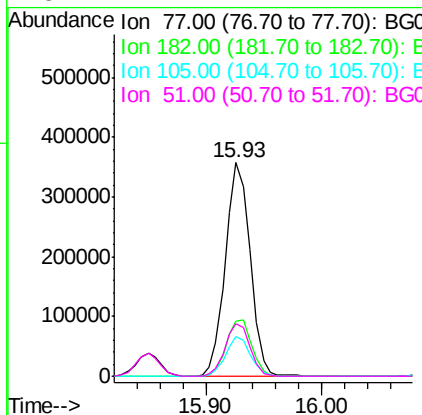
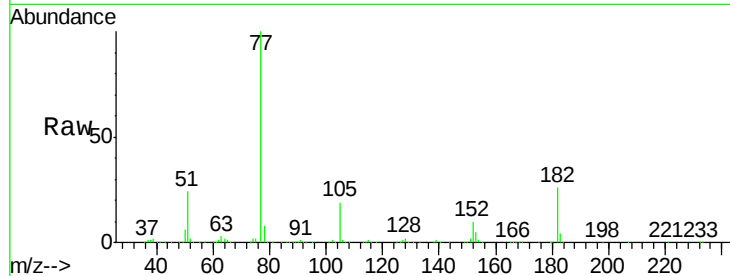
#63  
Azobenzene  
Concen: 44.86 ng  
RT: 15.93 min Scan# 2185  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.6  | 6.5   | 46.5  |
| 105     | 18.9  | 0.0   | 37.9  |
| 51      | 24.4  | 4.1   | 44.1  |

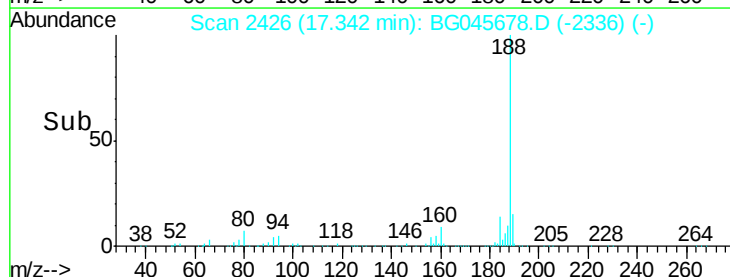
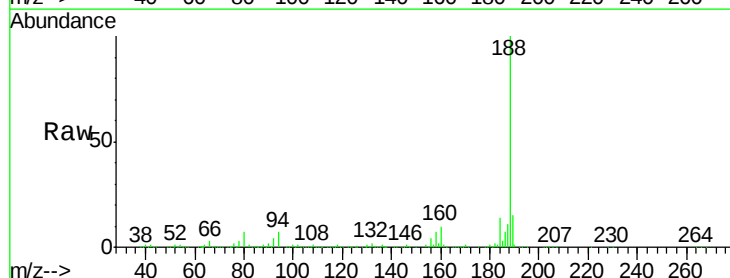
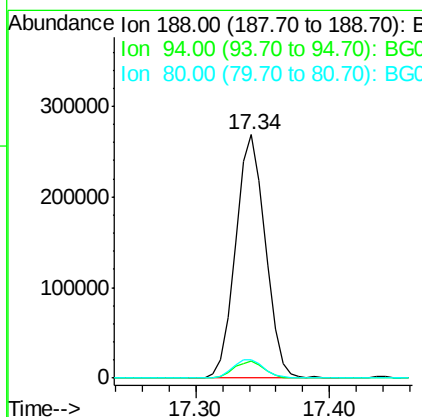
Manual Integrations  
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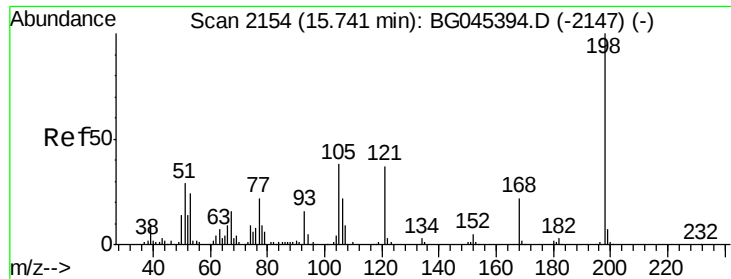
mohammad  
6/10/2020 11:50:24 AM



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.34 min Scan# 2426  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 6.9   | 5.5   | 8.3   |
| 80      | 7.5   | 6.6   | 10.0  |





#65

4,6-Dinitro-2-methylphenol

Concen: 43.90 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

ClientSampleId :

GENMSD

Tgt Ion:198 Resp: 105816  
Ion Ratio Lower Upper

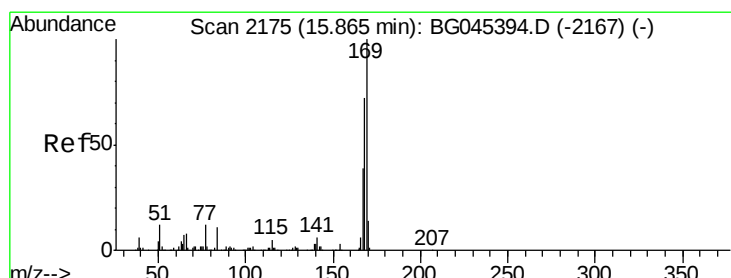
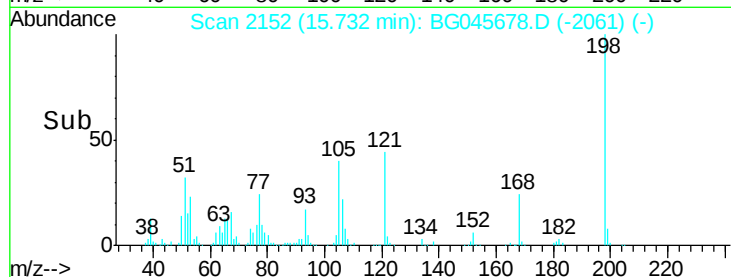
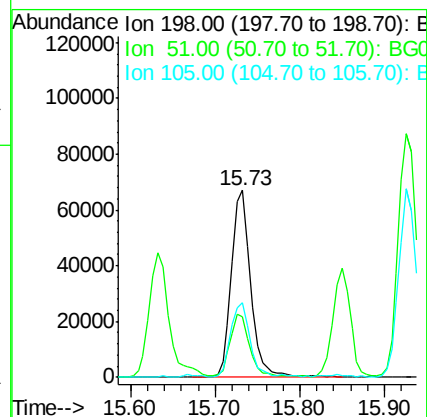
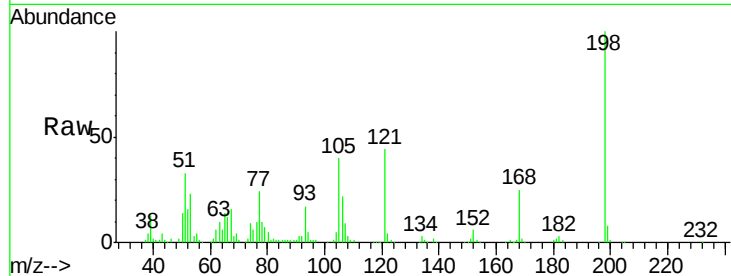
198 100

51 32.6 10.0 50.0

105 40.2 18.9 58.9

Manual Integrations  
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#66

n-Nitrosodiphenylamine

Concen: 46.07 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG045678.D

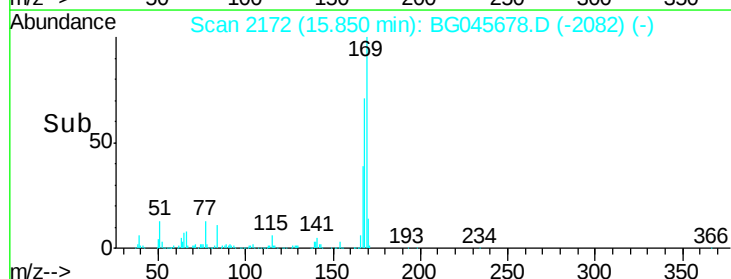
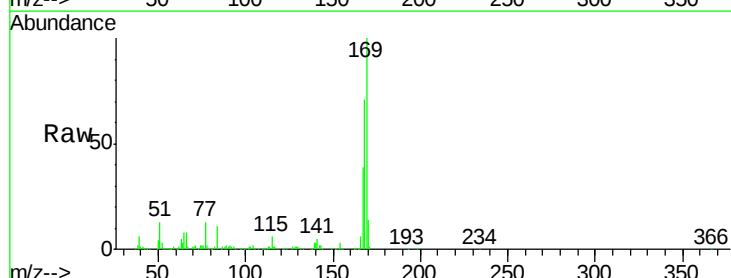
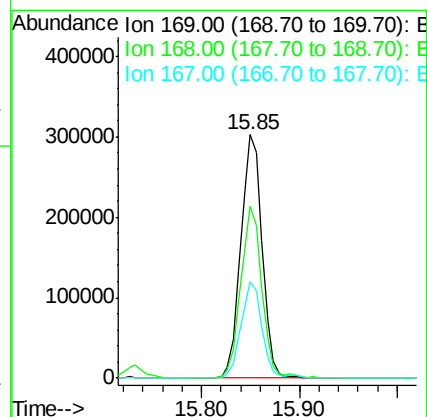
Acq: 10 Jun 2020 3:15

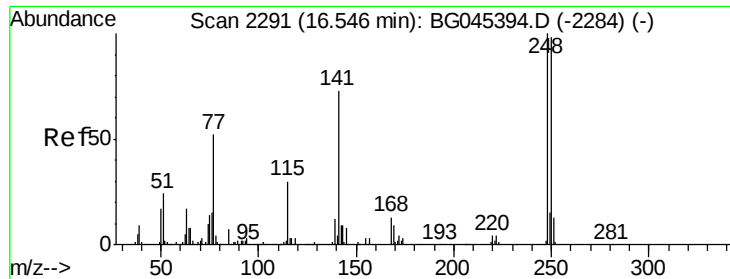
Tgt Ion:169 Resp: 457845  
Ion Ratio Lower Upper

169 100

168 70.5 57.8 86.6

167 39.4 31.5 47.3





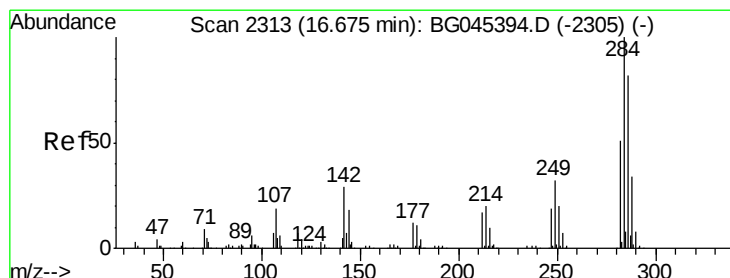
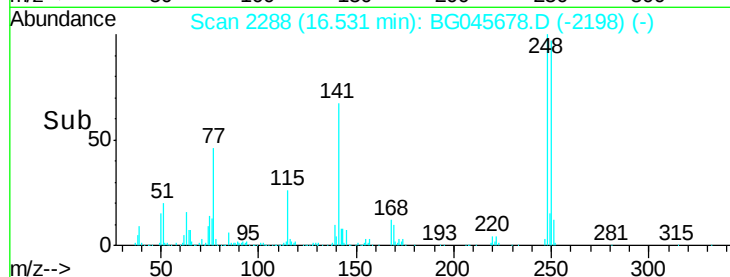
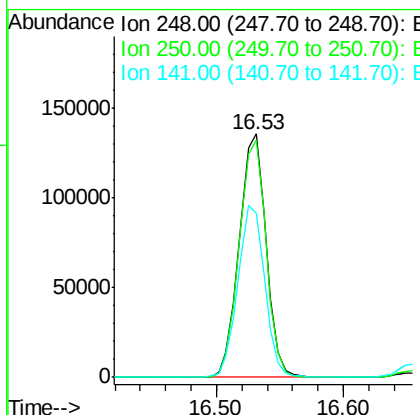
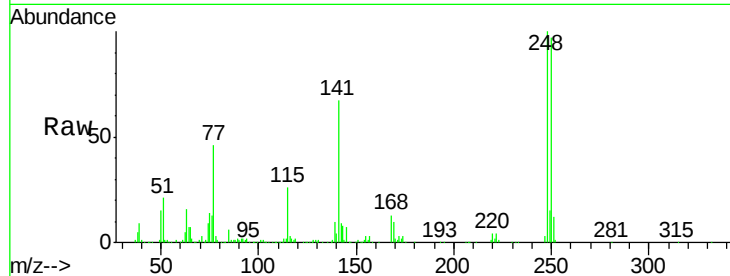
#67  
 4-Bromophenyl-phenylether  
 Concen: 44.33 ng  
 RT: 16.53 min Scan# 2288  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 198700 |       |       |
| 250     | 97.4  | 78.6   | 117.8 |       |
| 141     | 67.4  | 58.2   | 87.2  |       |

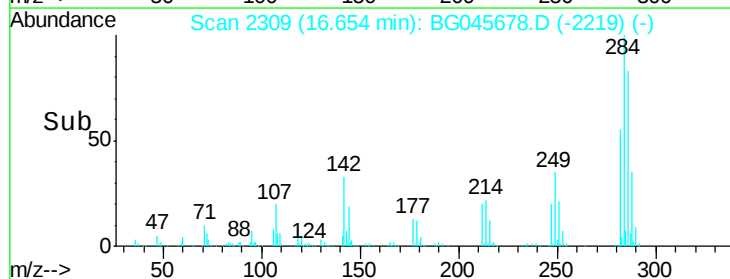
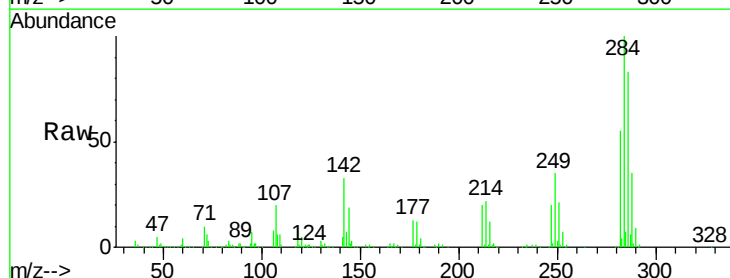
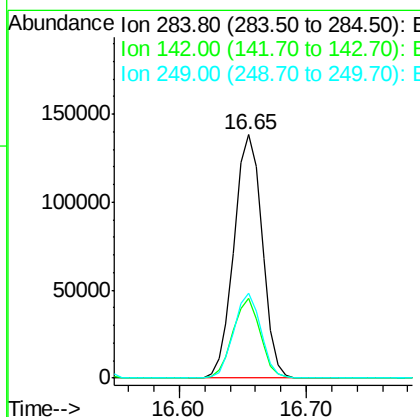
Manual Integrations  
 APPROVED

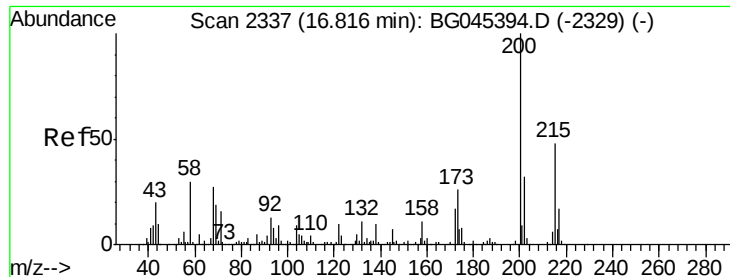
mohammad  
 6/10/2020 11:50:24 AM



#68  
 Hexachlorobenzene  
 Concen: 45.23 ng  
 RT: 16.65 min Scan# 2309  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 212033 |       |       |
| 142     | 32.7  | 23.0   | 34.6  |       |
| 249     | 34.6  | 25.8   | 38.6  |       |





#69

Atrazine

Concen: 42.79 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

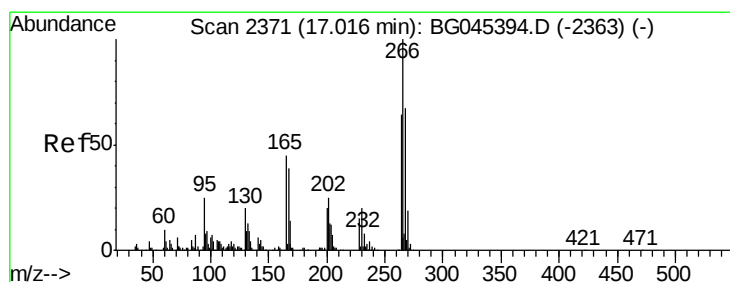
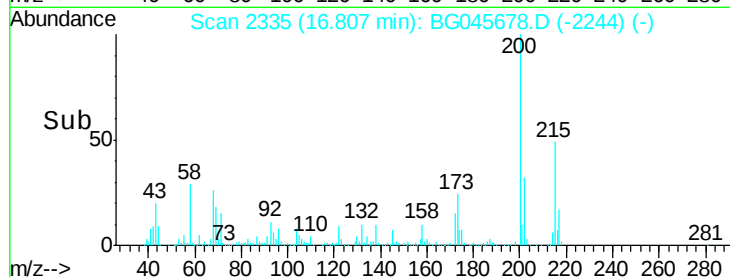
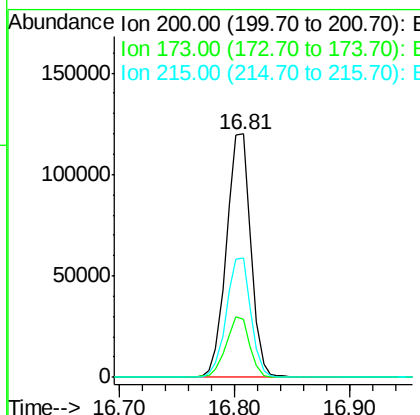
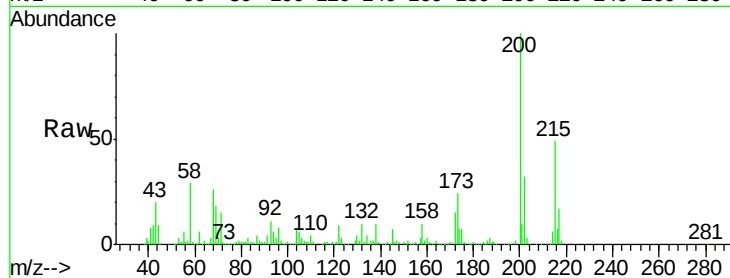
ClientSampleId :

GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 175134 |       |       |
| 173     | 24.0  | 5.5    | 45.5  |       |
| 215     | 49.1  | 28.2   | 68.2  |       |

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#70

Pentachlorophenol

Concen: 87.29 ng

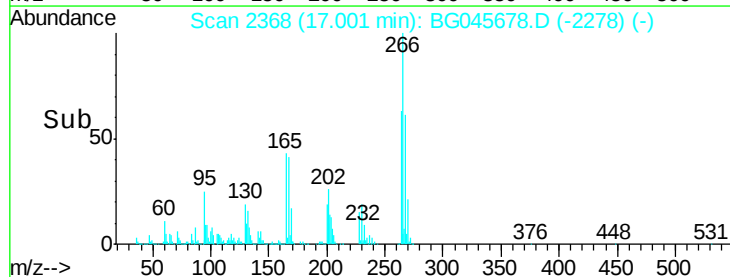
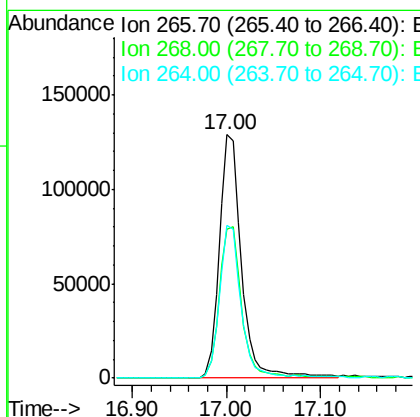
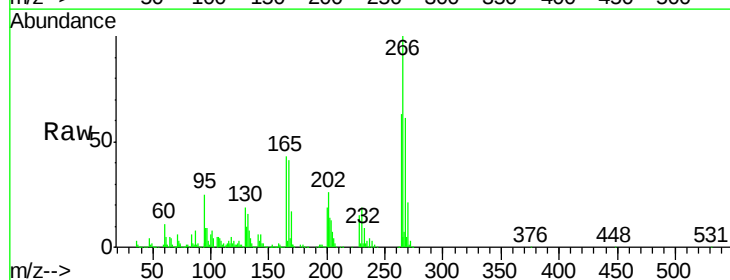
RT: 17.00 min Scan# 2368

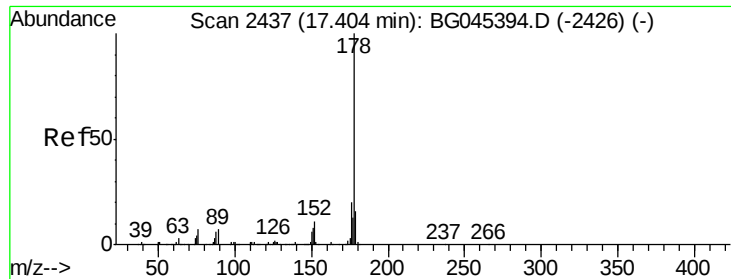
Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 212463 |       |       |
| 268     | 61.1  | 53.2   | 79.8  |       |
| 264     | 63.0  | 51.0   | 76.4  |       |





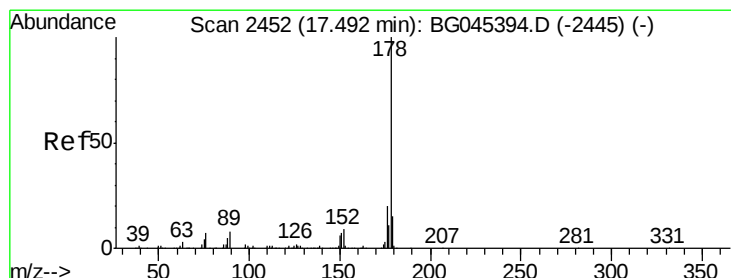
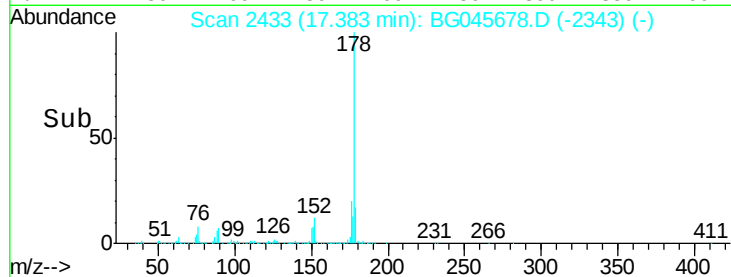
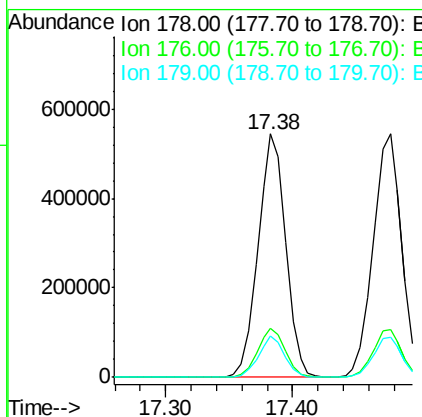
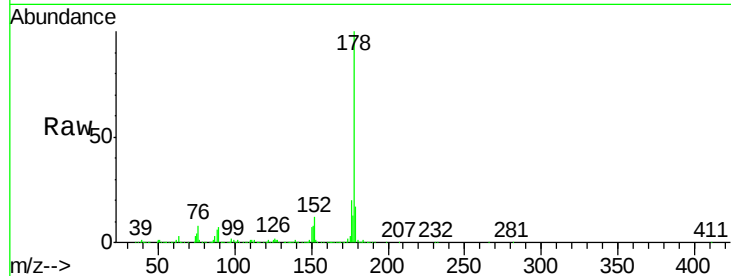
#71  
Phenanthrene  
Concen: 45.70 ng  
RT: 17.38 min Scan# 2433  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 178 | 100  |       | 825714 |       |       |
| 176 | 20.4 | 16.2  |        | 24.4  |       |
| 179 | 17.0 | 13.1  |        | 19.7  |       |

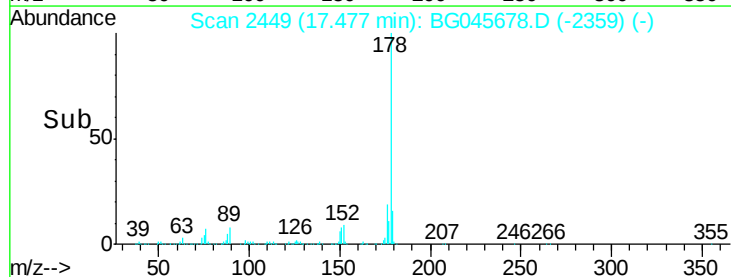
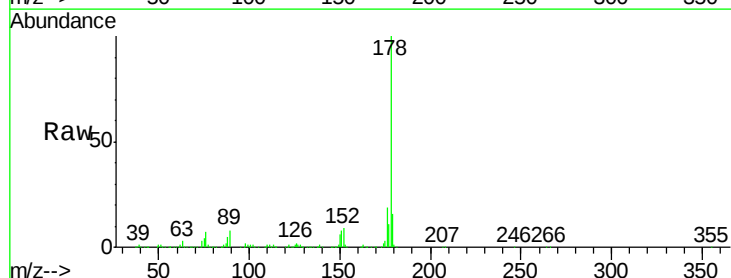
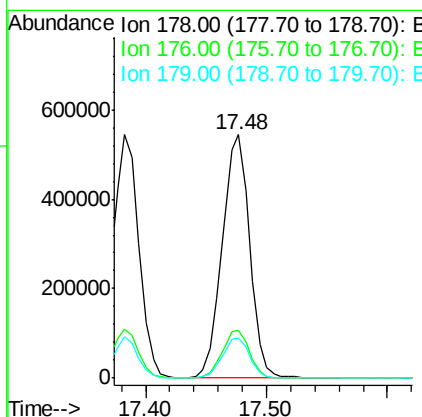
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#72  
Anthracene  
Concen: 46.91 ng  
RT: 17.48 min Scan# 2449  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 178 | 100  |       | 851262 |       |       |
| 176 | 19.4 | 15.8  |        | 23.6  |       |
| 179 | 16.4 | 12.2  |        | 18.4  |       |





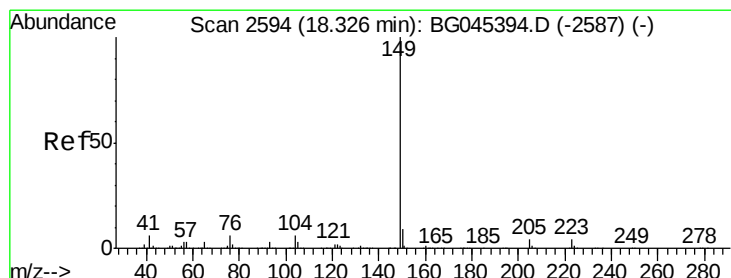
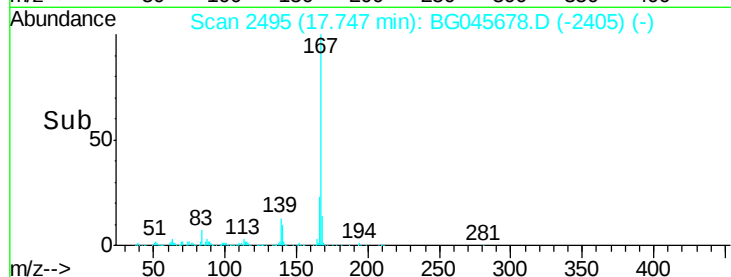
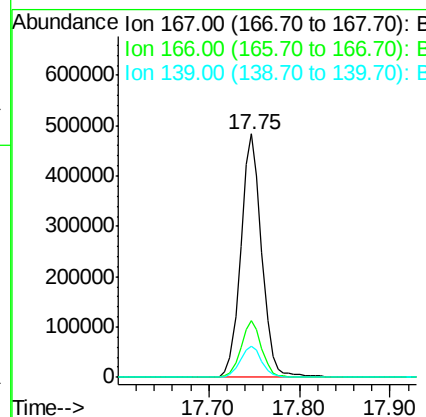
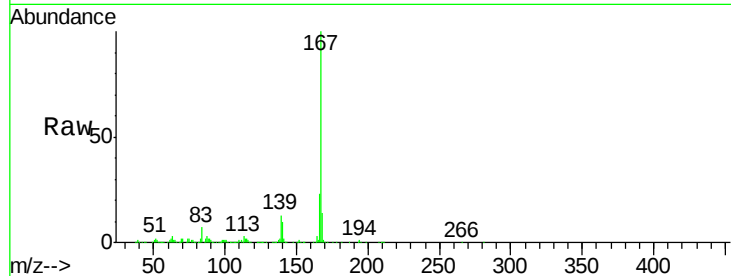
#73  
 Carbazole  
 Concen: 44.05 ng  
 RT: 17.75 min Scan# 2495  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.3  | 19.2  | 28.8  |
| 139     | 12.9  | 10.6  | 16.0  |

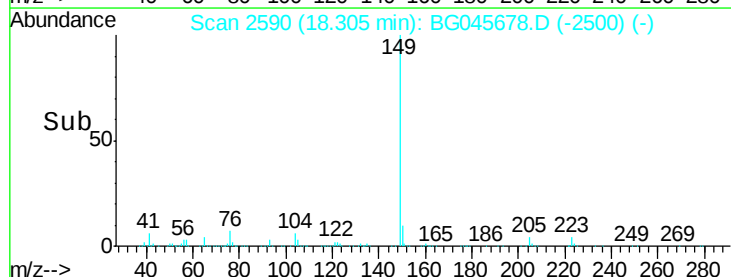
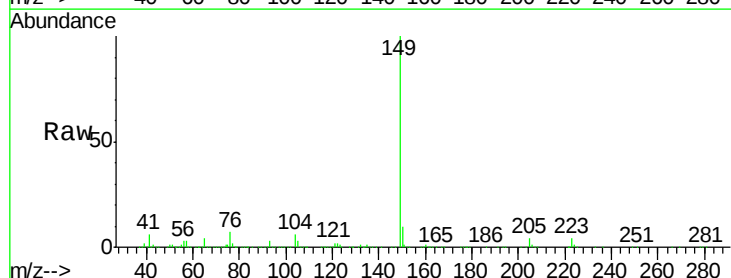
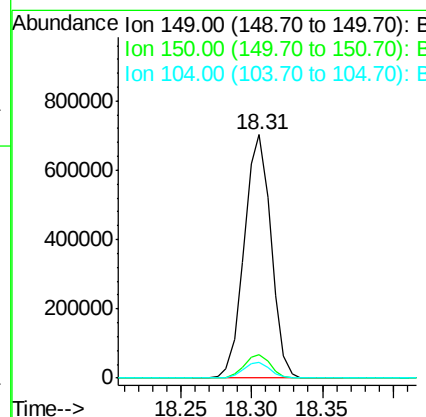
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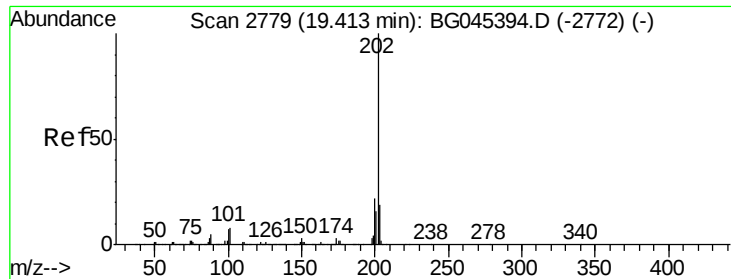
mohammad  
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#74  
 Di-n-butylphthalate  
 Concen: 43.89 ng  
 RT: 18.31 min Scan# 2590  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.6   | 11.4  |
| 104     | 6.4   | 5.0   | 7.4   |





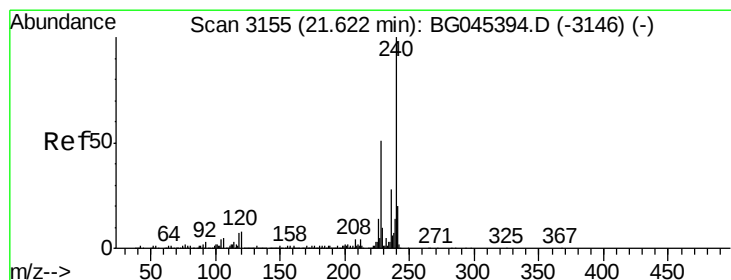
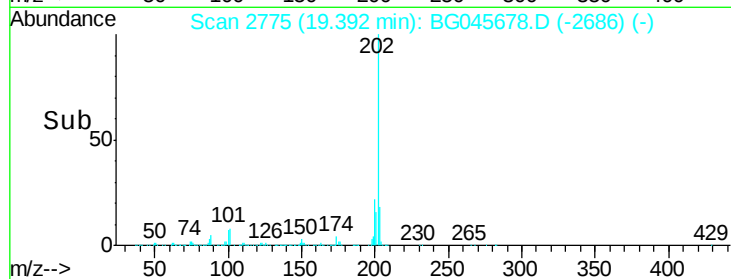
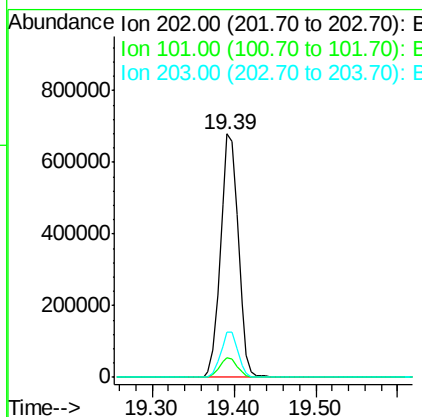
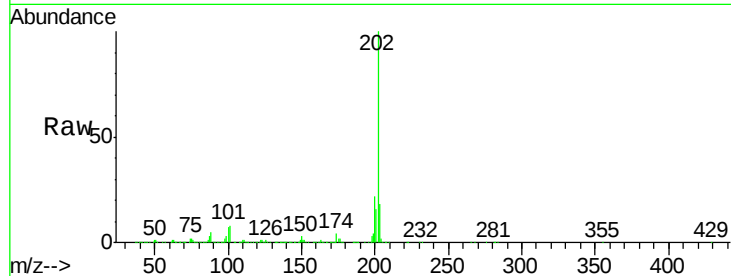
#75  
 Fluoranthene  
 Concen: 44.61 ng  
 RT: 19.39 min Scan# 2775  
 Delta R.T. -0.01 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.9   | 0.0   | 28.3  |
| 203     | 18.5  | 0.0   | 39.0  |

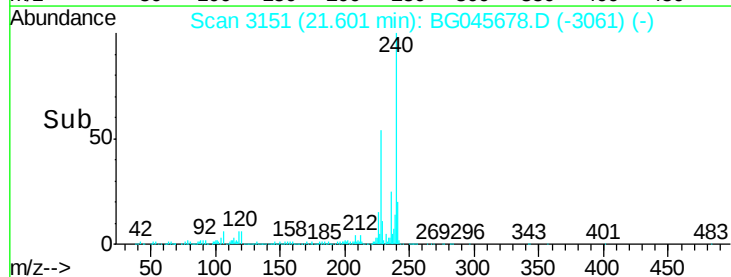
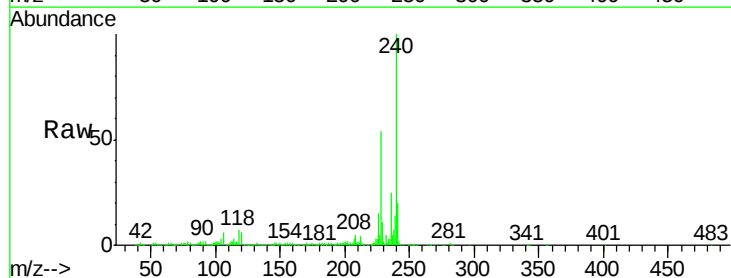
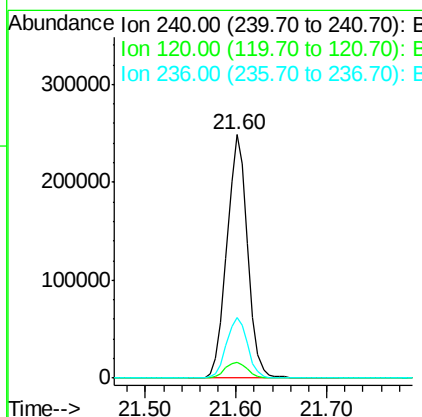
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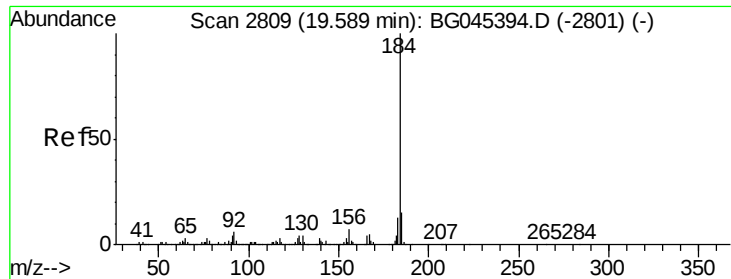
mohammad  
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#76  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 21.60 min Scan# 3151  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.5   | 6.1   | 9.1   |
| 236     | 25.1  | 22.3  | 33.5  |





#77

Benzidine

Concen: 30.55 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

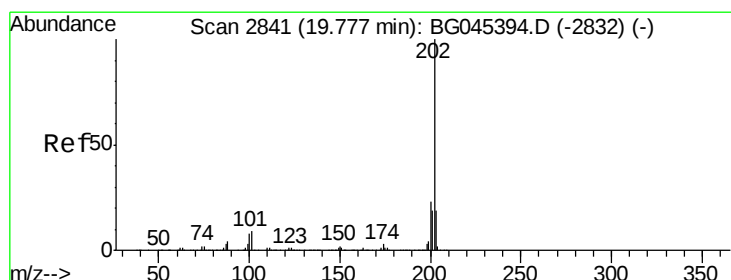
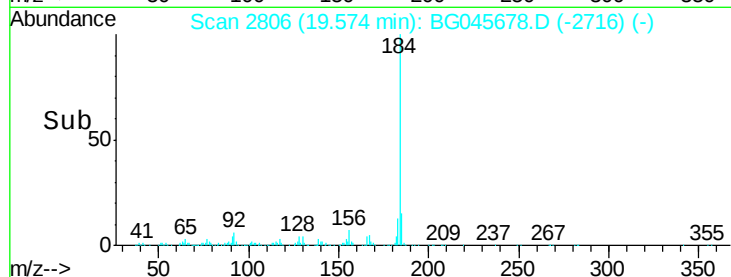
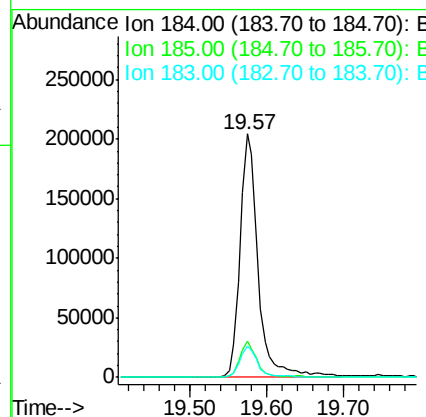
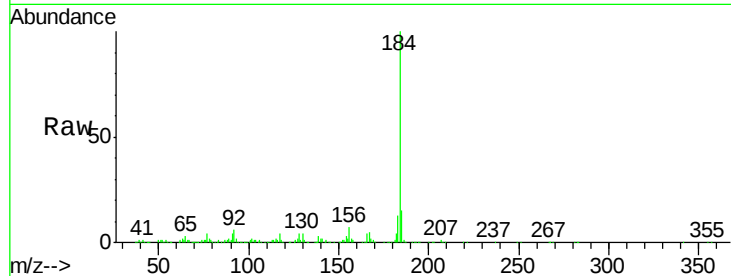
ClientSampleId :

GENMSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 337987 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 15.1 | 11.7  | 17.5   |
| 183       | 12.8 | 10.2  | 15.4   |

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#78

Pyrene

Concen: 45.64 ng

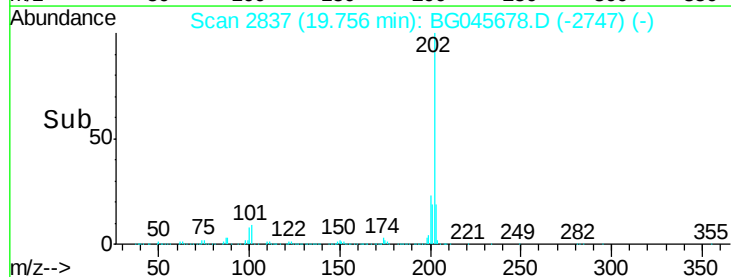
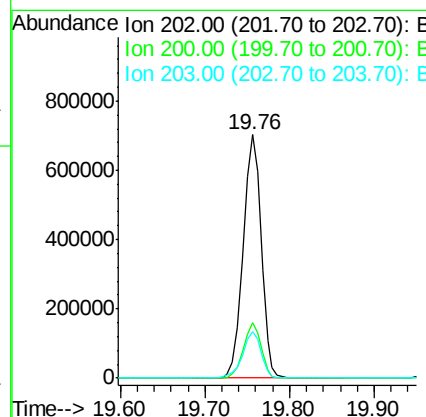
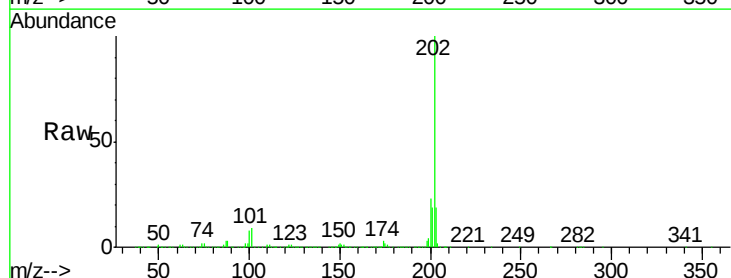
RT: 19.76 min Scan# 2837

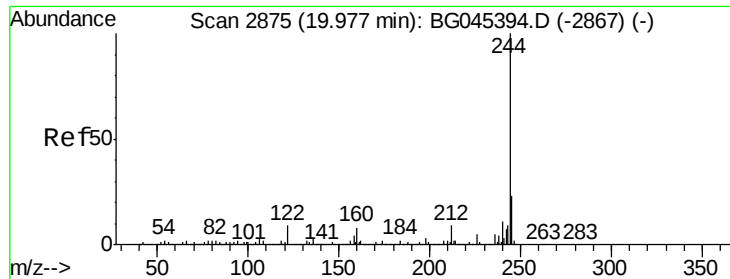
Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 202  | Resp: | 1024922 |
| Ion Ratio |      | Lower | Upper   |
| 202       | 100  |       |         |
| 200       | 22.7 | 18.2  | 27.2    |
| 203       | 18.9 | 15.1  | 22.7    |





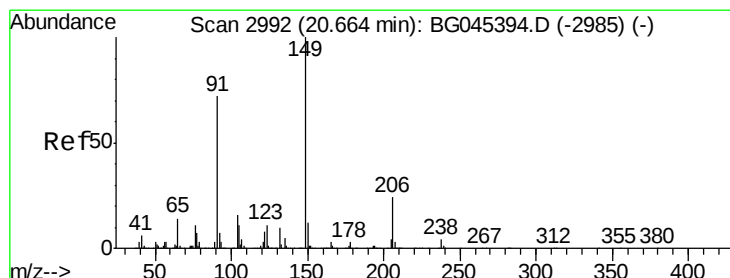
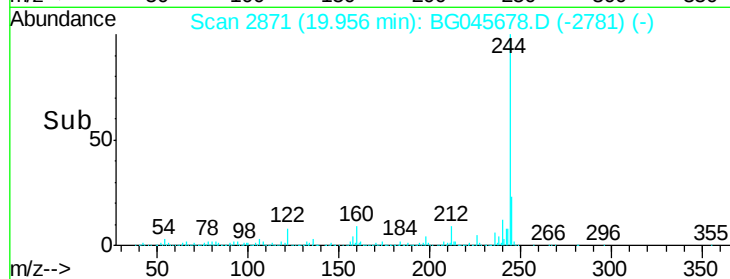
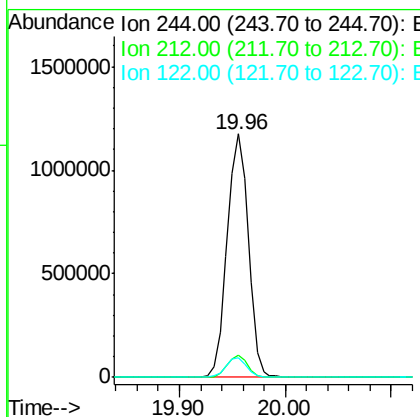
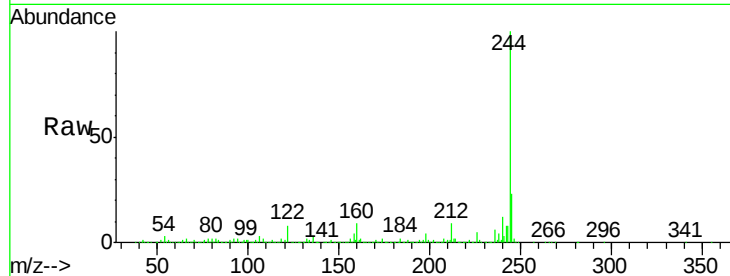
#79  
 Terphenyl-d14  
 Concen: 96.46 ng  
 RT: 19.96 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 GENMSD

Tgt Ion:244 Resp: 1629242  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.4 11.0  
 122 8.3 6.8 10.2

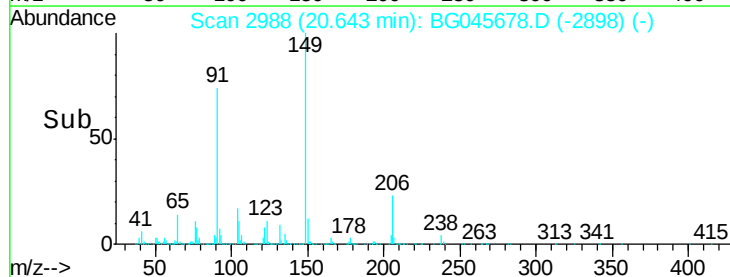
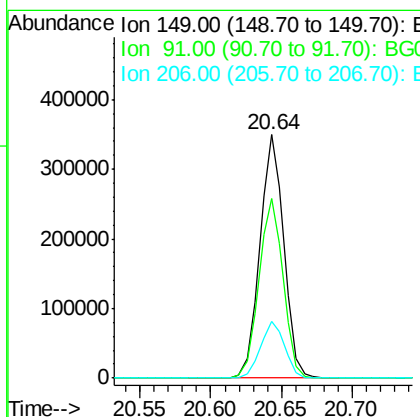
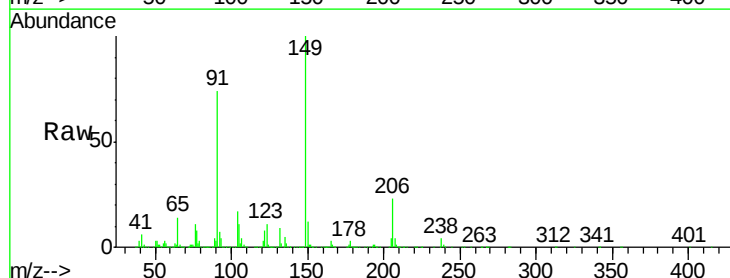
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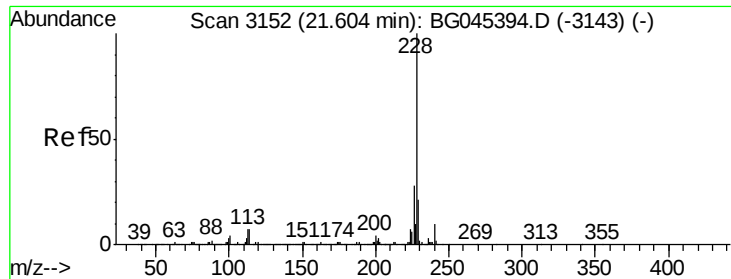
mohammad  
 6/10/2020 11:50:24 AM



#80  
 Butylbenzylphthalate  
 Concen: 43.11 ng  
 RT: 20.64 min Scan# 2988  
 Delta R.T. -0.00 min  
 Lab File: BG045678.D  
 Acq: 10 Jun 2020 3:15

Tgt Ion:149 Resp: 417885  
 Ion Ratio Lower Upper  
 149 100  
 91 73.9 57.8 86.6  
 206 23.5 19.1 28.7





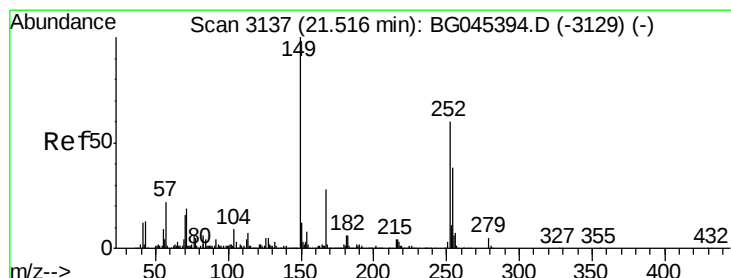
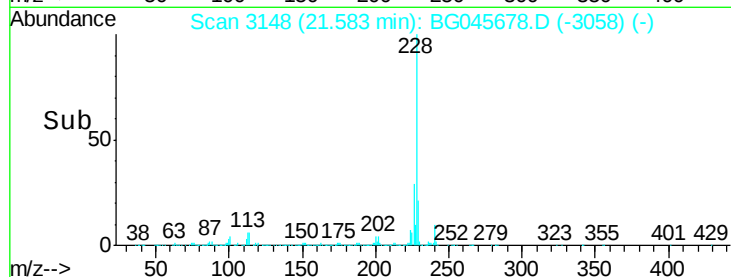
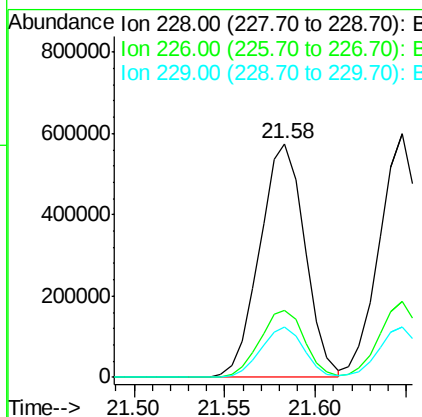
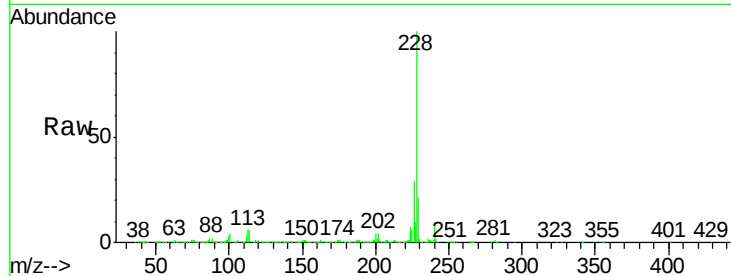
#81  
Benzo(a)anthracene  
Concen: 45.34 ng  
RT: 21.58 min Scan# 3148  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 994984 |       |       |
| 226     | 28.6  |        | 22.7  | 34.1  |
| 229     | 21.3  |        | 16.7  | 25.1  |

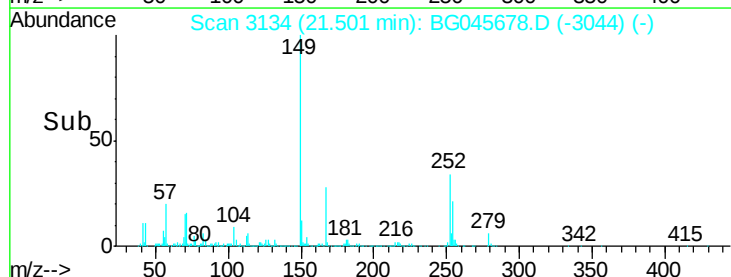
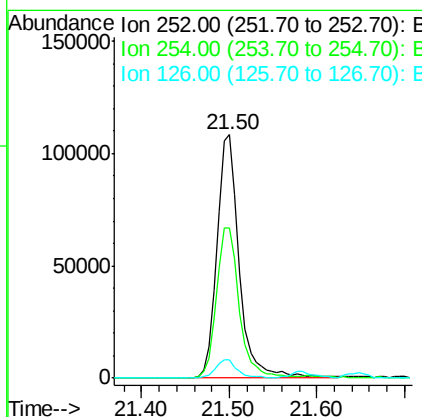
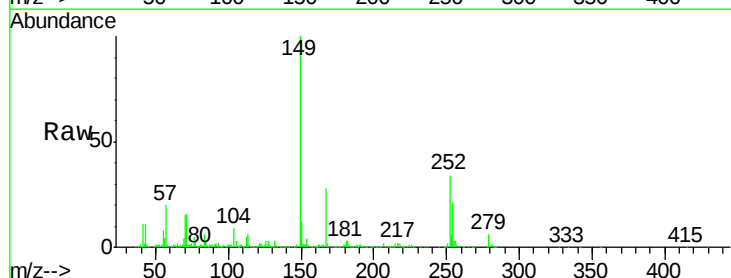
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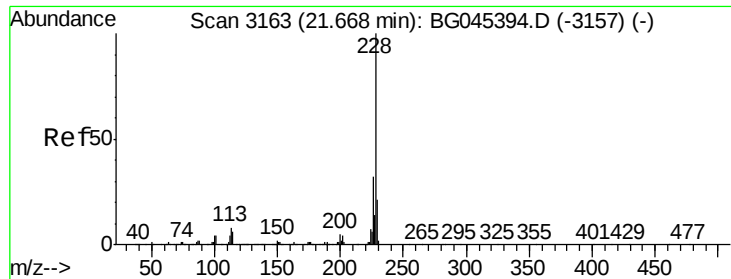
mohammad  
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#82  
3,3'-Dichlorobenzidine  
Concen: 22.28 ng  
RT: 21.50 min Scan# 3134  
Delta R.T. -0.00 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 191753 |       |       |
| 254     | 61.8  |        | 51.3  | 76.9  |
| 126     | 7.7   |        | 6.6   | 10.0  |





#83

Chrysene

Concen: 45.07 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

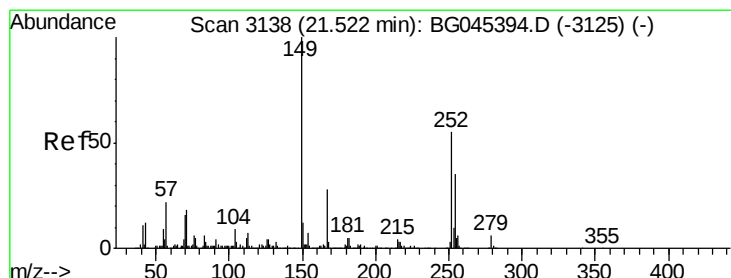
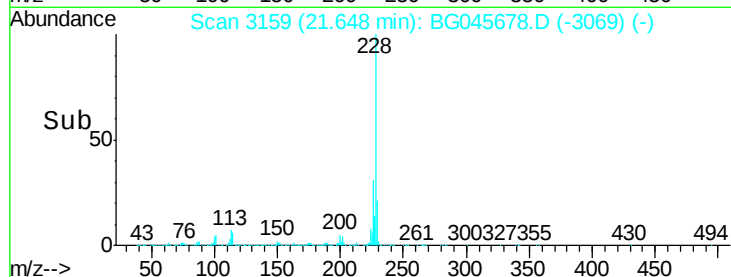
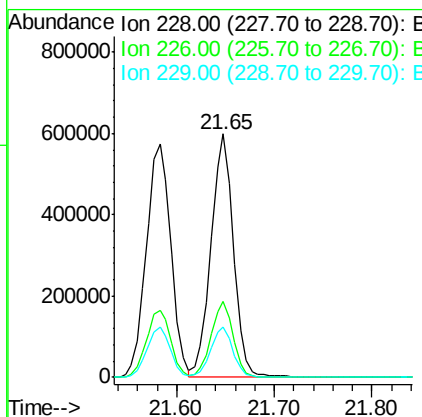
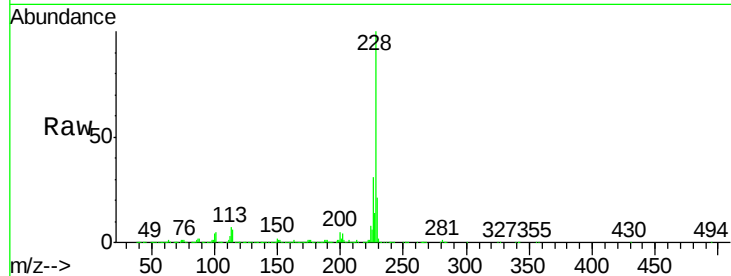
ClientSampleId :

GENMSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 951018 |       |       |
| 226     | 31.4  | 25.2   | 37.8  |       |
| 229     | 20.6  | 16.7   | 25.1  |       |

Manual Integrations  
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#84

Bis(2-ethylhexyl)phthalate

Concen: 43.41 ng

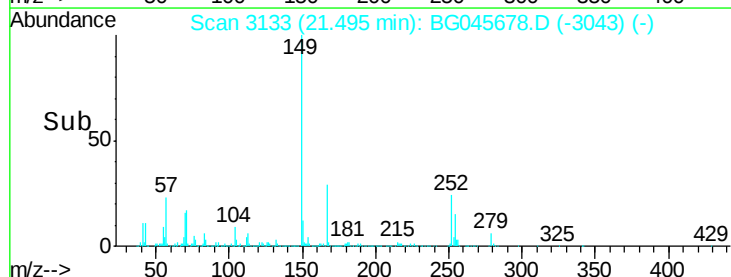
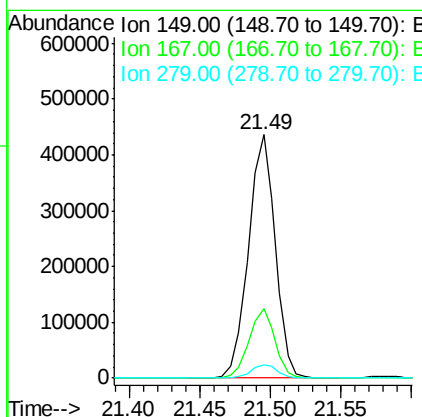
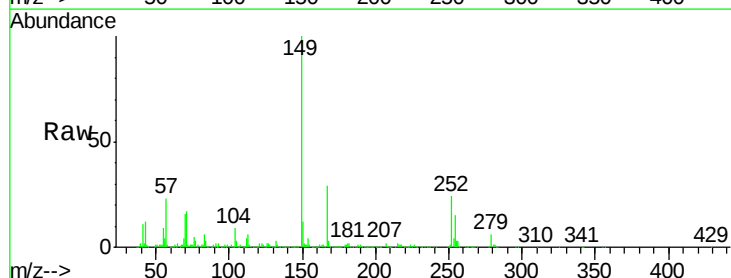
RT: 21.49 min Scan# 3133

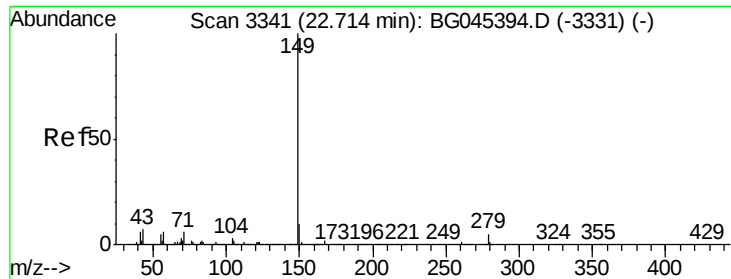
Delta R.T. -0.00 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 578449 |       |       |
| 167     | 28.6  | 22.2   | 33.2  |       |
| 279     | 5.5   | 4.7    | 7.1   |       |





#85

Di-n-octyl phthalate

Concen: 43.37 ng

RT: 22.68 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

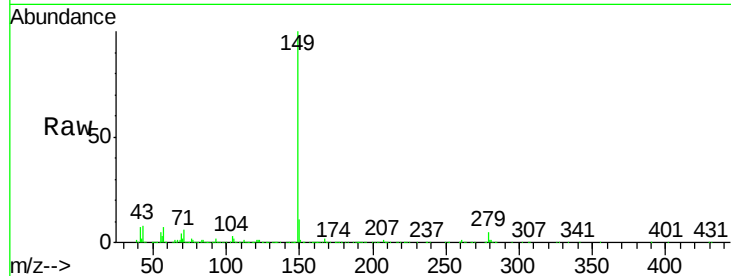
ClientSampleId :

GENMSD

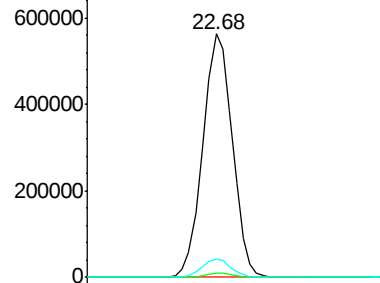
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 992562 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.4   | 2.0    |
| 43        | 7.3   | 5.8   | 8.8    |

Manual Integrations  
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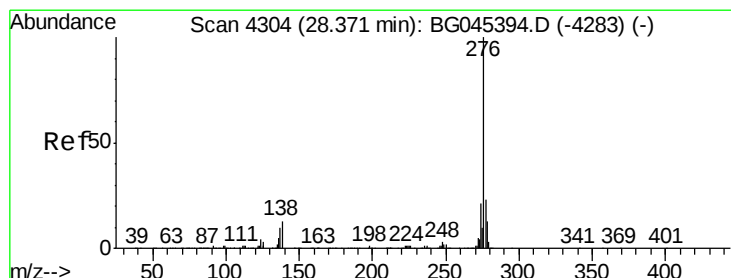
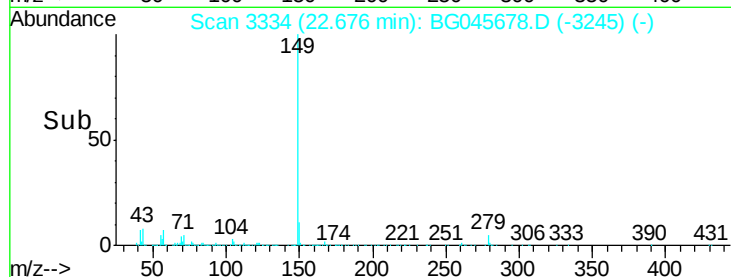
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): B



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.29 ng

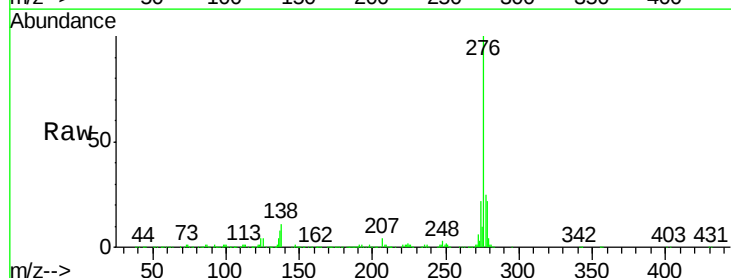
RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

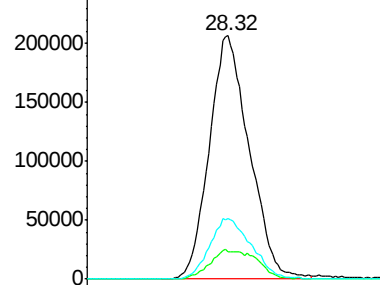
Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

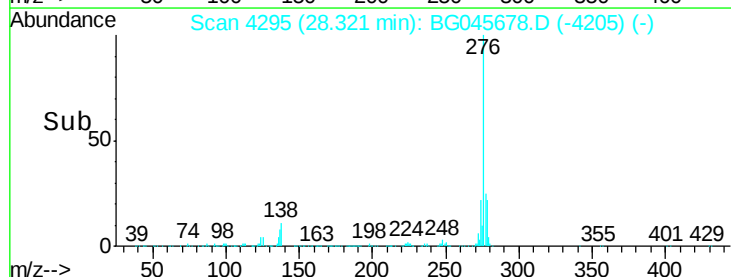
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 276   | Resp: | 1222206 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 138       | 9.7   | 8.6   | 12.8    |
| 277       | 25.7  | 20.2  | 30.4    |

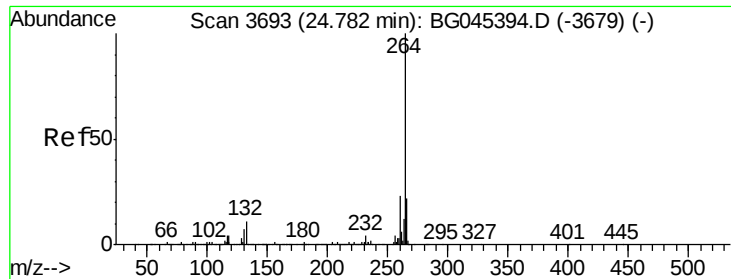


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



Time-->





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

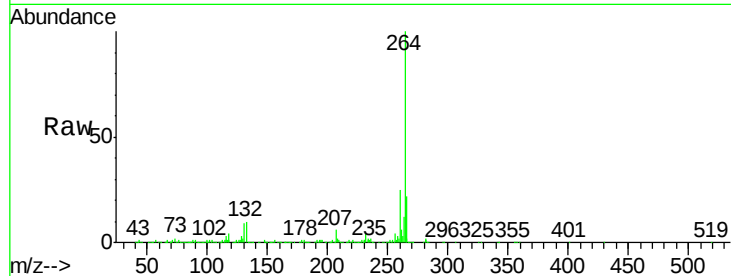
ClientSampleId :

GENMSD

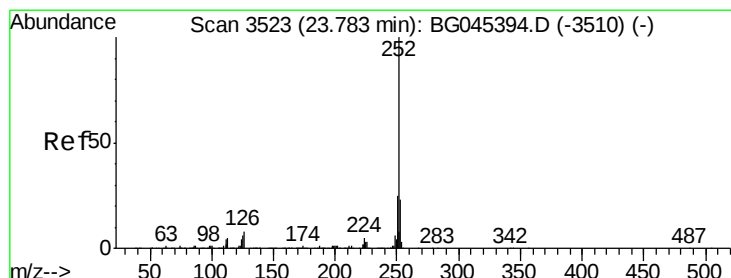
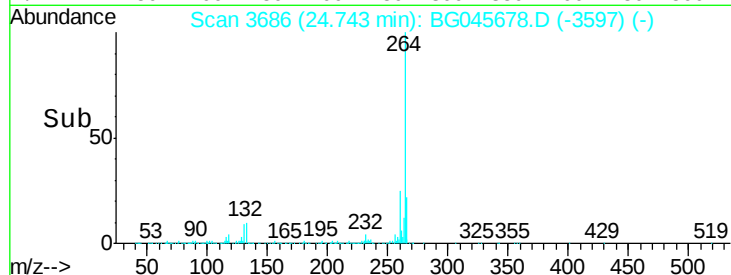
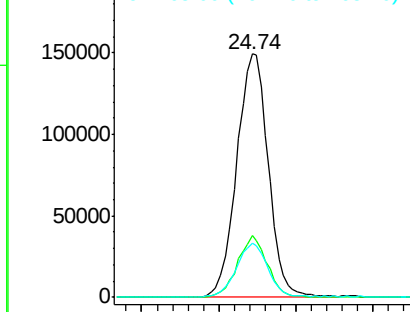
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 429960 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 25.2 | 18.2  | 27.4   |
| 265       | 22.4 | 17.6  | 26.4   |

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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



#88

Benzo(b)fluoranthene

Concen: 46.06 ng

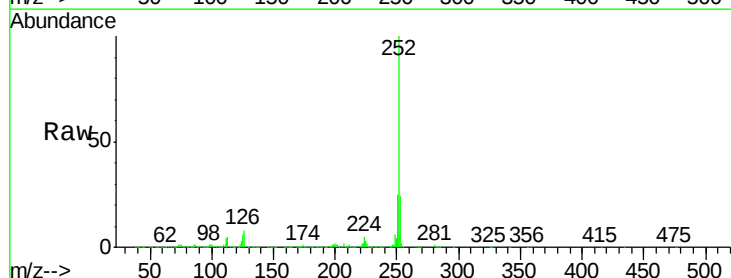
RT: 23.75 min Scan# 3517

Delta R.T. -0.01 min

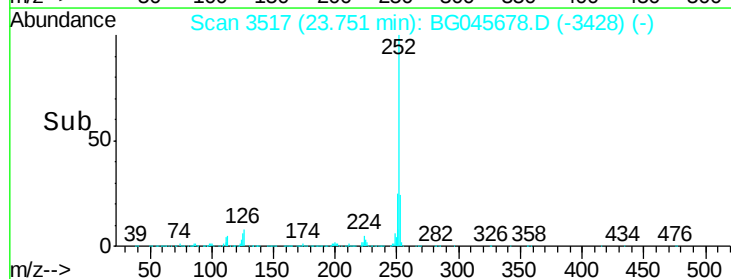
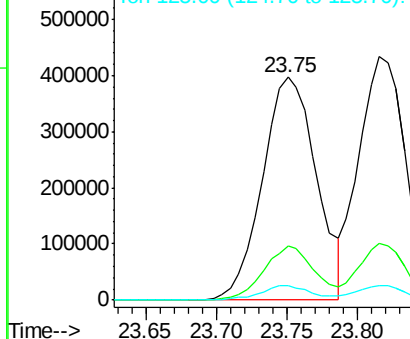
Lab File: BG045678.D

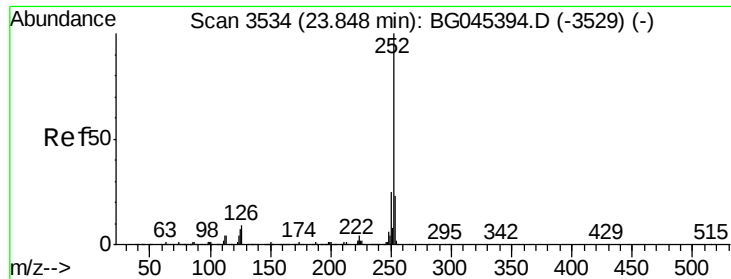
Acq: 10 Jun 2020 3:15

|           |      |       |         |
|-----------|------|-------|---------|
| Tgt Ion:  | 252  | Resp: | 1062000 |
| Ion Ratio |      | Lower | Upper   |
| 252       | 100  |       |         |
| 253       | 24.4 | 18.1  | 27.1    |
| 125       | 6.4  | 5.0   | 7.6     |



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





#89

Benzo(k)fluoranthene

Concen: 46.57 ng

RT: 23.82 min Scan# 3528

Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

Instrument :

BNA\_G

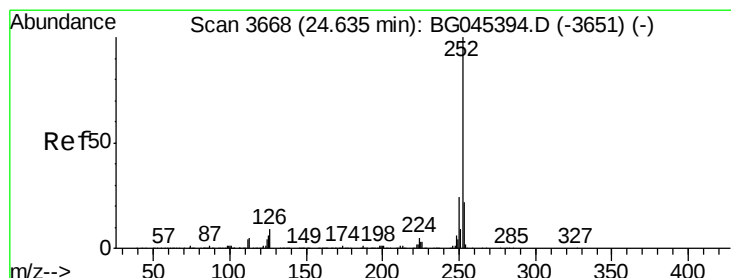
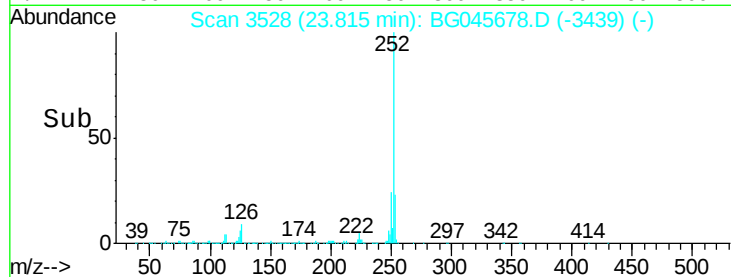
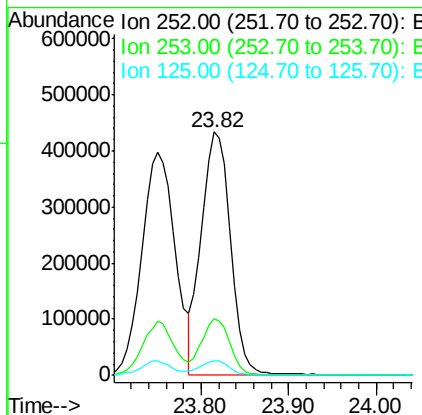
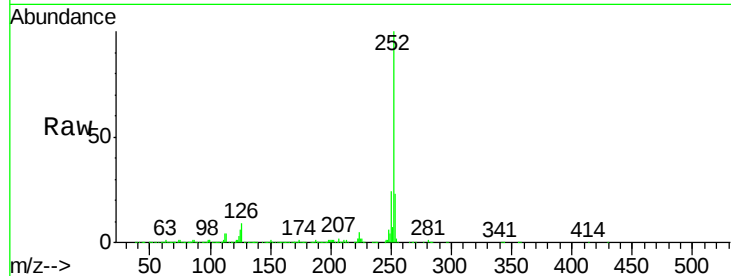
ClientSampleId :

GENMSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1008941 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.5  | 18.4  | 27.6    |
| 125       | 6.1   | 5.7   | 8.5     |

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#90

Benzo(a)pyrene

Concen: 44.76 ng

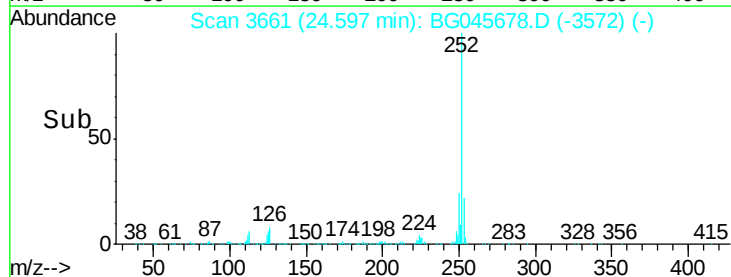
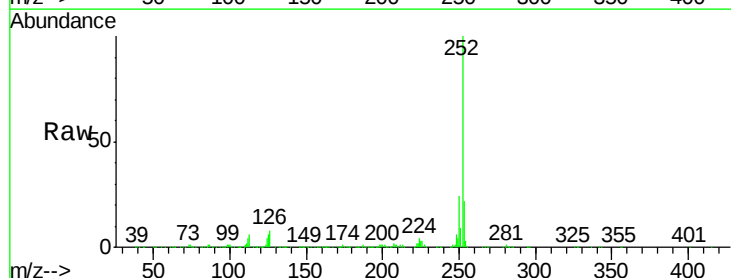
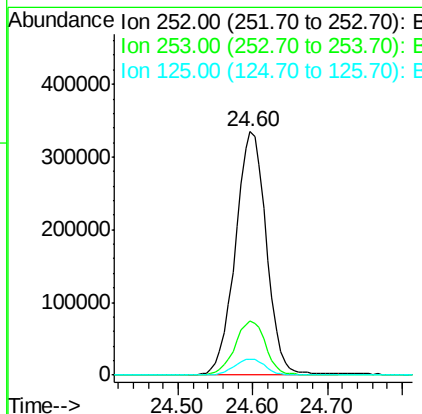
RT: 24.60 min Scan# 3661

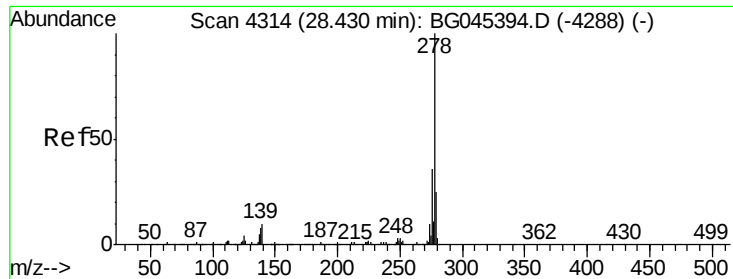
Delta R.T. -0.01 min

Lab File: BG045678.D

Acq: 10 Jun 2020 3:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 961260 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.3  | 17.2  | 25.8   |
| 125       | 6.5   | 5.0   | 7.6    |





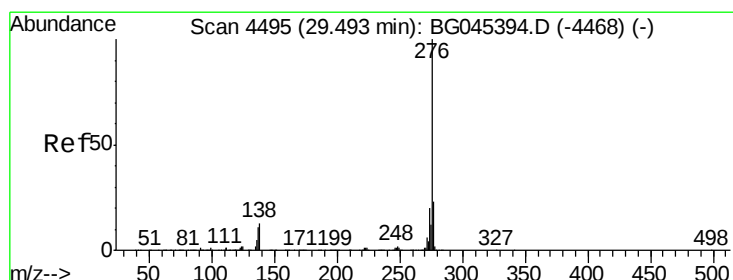
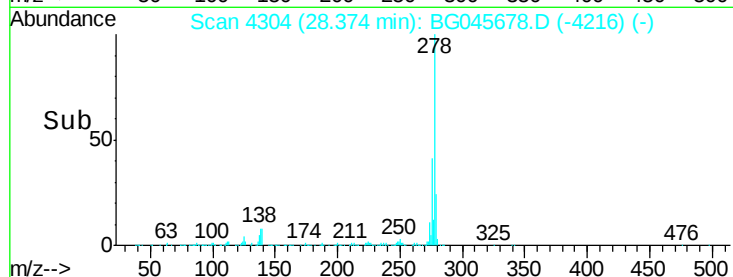
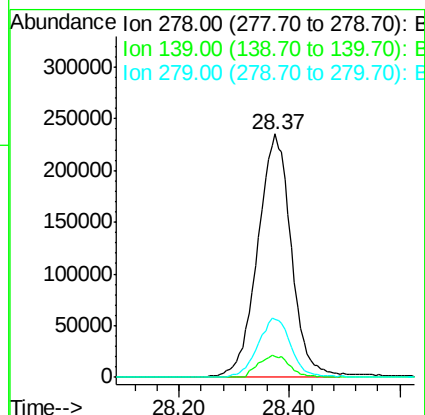
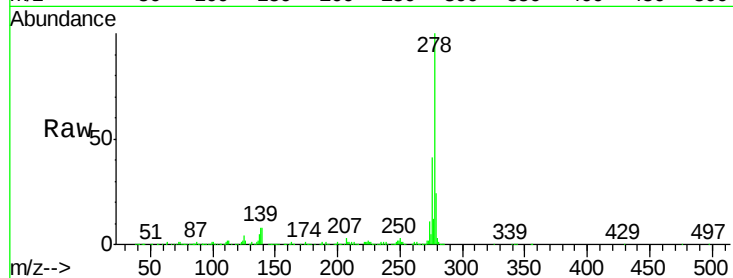
#91  
Dibenzo(a,h)anthracene  
Concen: 46.02 ng  
RT: 28.37 min Scan# 4304  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

Instrument :  
BNA\_G  
ClientSampleId :  
GENMSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.5   | 7.8   | 11.8  |
| 279     | 23.8  | 19.8  | 29.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 46.44 ng  
RT: 29.43 min Scan# 4484  
Delta R.T. -0.01 min  
Lab File: BG045678.D  
Acq: 10 Jun 2020 3:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.1  | 27.1  |
| 138     | 12.5  | 10.2  | 15.4  |

