

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\  
 Data File : BG043380.D  
 Acq On : 29 Oct 2019 18:58  
 Operator : JU  
 Sample : K5564-11MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

Manual Integrations  
 APPROVED

mohammad  
 10/30/2019 4:54:32 PM

Quant Time: Oct 30 08:24:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 42687    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 169650   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.65 | 164  | 120330   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 268439   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.66 | 240  | 306549   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.86 | 264  | 367960   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 288739  | 123.95 | ng | 0.01 |
| 7) Phenol-d6             | 7.21  | 99  | 409052  | 122.05 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 251409  | 76.40  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 246446  | 107.62 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 653081  | 75.00  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 1229941 | 75.27  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 32028  | 35.281 | ng | # 91   |
| 3) Pyridine                    | 3.89  | 79  | 78431  | 34.250 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 47019  | 40.691 | ng | 98     |
| 6) Aniline                     | 7.36  | 93  | 57622  | 14.924 | ng | 93     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 114081 | 44.363 | ng | 96     |
| 9) Benzaldehyde                | 7.16  | 77  | 61426  | 37.293 | ng | 88     |
| 10) Phenol                     | 7.24  | 94  | 143635 | 46.898 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 90237  | 38.109 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.91  | 146 | 125371 | 38.912 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 128373 | 39.381 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 124593 | 39.146 | ng | 99     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 94286  | 40.056 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 127587 | 37.056 | ng | 94     |
| 17) 2-Methylphenol             | 8.48  | 107 | 94968  | 42.535 | ng | 99     |
| 18) Hexachloroethane           | 9.11  | 117 | 45038  | 38.295 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 82538  | 38.111 | ng | # 92   |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 122418 | 39.985 | ng | 89     |
| 22) Acetophenone               | 8.85  | 105 | 163607 | 37.658 | ng | # 99   |
| 24) Nitrobenzene               | 9.23  | 77  | 126055 | 40.212 | ng | 97     |
| 25) Isophorone                 | 9.75  | 82  | 232676 | 38.674 | ng | 98     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 64633  | 42.707 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 103121 | 47.540 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 125303 | 37.736 | ng | 94     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 121136 | 43.586 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 138713 | 39.600 | ng | 96     |
| 31) Naphthalene                | 10.88 | 128 | 356898 | 41.445 | ng | 97     |
| 32) Benzoic acid               | 10.18 | 122 | 57336  | 37.141 | ng | 93     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 22340  | 6.329  | ng | # 92   |
| 34) Hexachlorobutadiene        | 11.16 | 225 | 97964  | 37.833 | ng | 92     |
| 35) Caprolactam                | 11.76 | 113 | 37088m | 38.747 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 124373 | 41.026 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 270858 | 40.994 | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 250821 | 39.897 | ng | 94     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 170987 | 38.396 | ng | 99     |

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 QLast Update : Mon Oct 21 16:37:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 189876   | 81.168 | nq    | 94       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 110340   | 42.074 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 119269   | 44.984 | nq    | 96       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 359423   | 39.264 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 274965   | 39.478 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 81803    | 39.296 | nq    | 96       |
| 49) Acenaphthylene             | 14.37 | 152  | 445138   | 41.064 | nq    | 98       |
| 50) Dimethylphthalate          | 14.11 | 163  | 459064   | 49.254 | nq    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.22 | 165  | 81353    | 40.178 | nq    | 97       |
| 52) Acenaphthene               | 14.72 | 154  | 266216   | 40.271 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 25200    | 12.890 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 55031    | 46.844 | nq    | 91       |
| 55) Dibenzofuran               | 15.05 | 168  | 440078   | 41.051 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 124326   | 94.901 | nq    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.01 | 165  | 114505   | 39.570 | nq    | # 98     |
| 58) Fluorene                   | 15.70 | 166  | 365963   | 40.702 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 118836   | 42.186 | nq    | # 97     |
| 60) Diethylphthalate           | 15.46 | 149  | 356436   | 38.060 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 208248   | 39.702 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 61380    | 30.402 | nq    | 90       |
| 63) Azobenzene                 | 15.98 | 77   | 306742   | 40.471 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 50864    | 32.197 | nq    | 92       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 325159   | 42.904 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 147423   | 40.808 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 165798   | 39.982 | nq    | 97       |
| 69) Atrazine                   | 16.85 | 200  | 140434   | 53.327 | nq    | 95       |
| 70) Pentachlorophenol          | 17.06 | 266  | 181004   | 95.793 | nq    | 94       |
| 71) Phenanthrene               | 17.44 | 178  | 595538   | 43.324 | nq    | 99       |
| 72) Anthracene                 | 17.53 | 178  | 602093   | 43.778 | nq    | 100      |
| 73) Carbazole                  | 17.80 | 167  | 532503   | 42.756 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 640084   | 42.356 | nq    | 99       |
| 75) Fluoranthene               | 19.45 | 202  | 800869   | 44.690 | nq    | 99       |
| 77) Benzidine                  | 19.63 | 184  | 241437   | 39.135 | nq    | 98       |
| 78) Pyrene                     | 19.81 | 202  | 806325   | 42.494 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 348641   | 48.497 | nq    | 96       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 829551   | 43.201 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 165381   | 22.268 | nq    | 96       |
| 83) Chrysene                   | 21.71 | 228  | 808420   | 42.373 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 435619   | 42.658 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 745237   | 43.015 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 1051752  | 43.917 | nq    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 879413   | 42.198 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 882926   | 42.084 | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.71 | 252  | 823092   | 41.360 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.57 | 278  | 883660   | 43.411 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.65 | 276  | 905498   | 45.097 | nq    | 98       |

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





#1

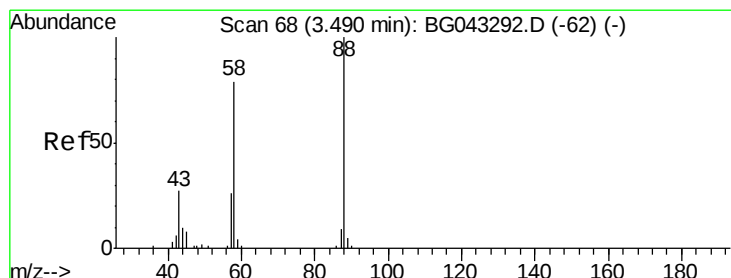
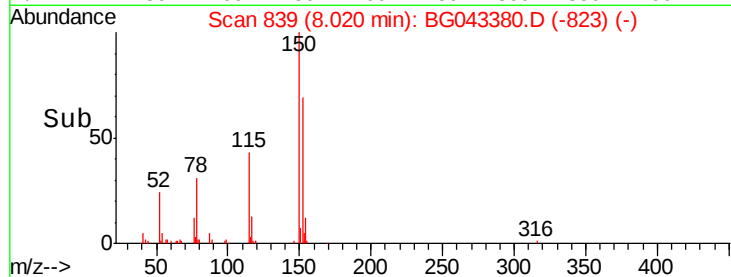
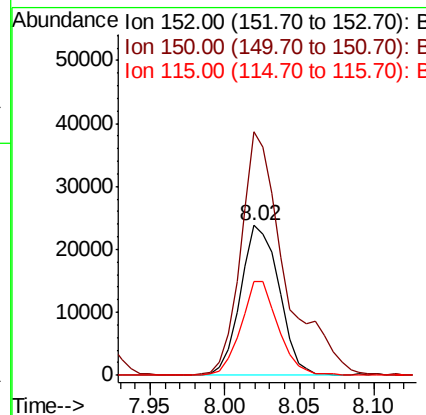
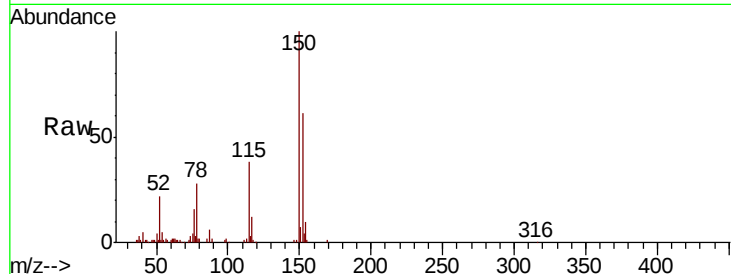
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.02 min Scan# 839  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.7 | 113.6 | 170.4 |
| 115     | 62.6  | 45.9  | 68.9  |

Manual Integrations  
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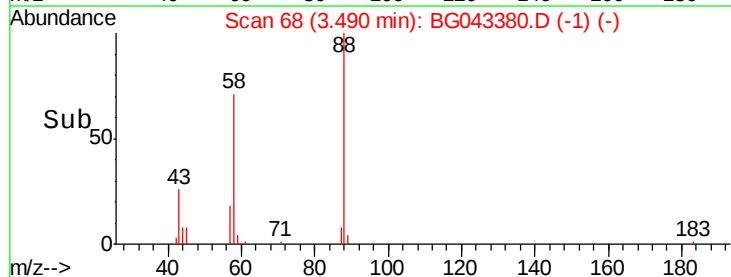
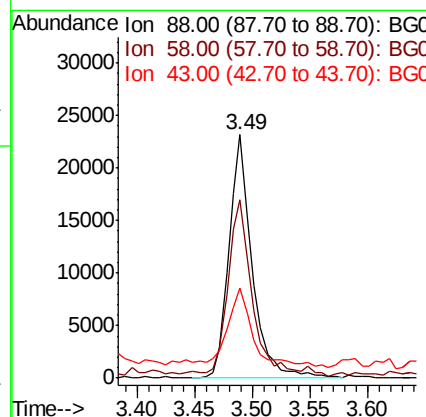
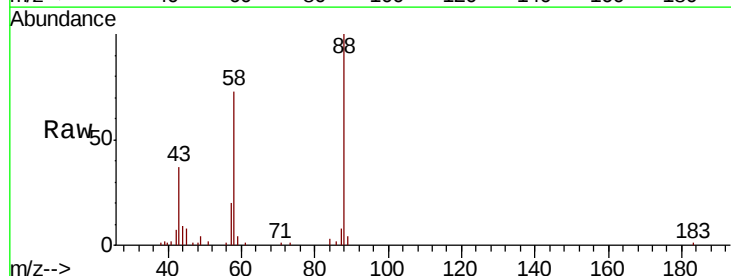
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10/30/2019 4:54:32 PM

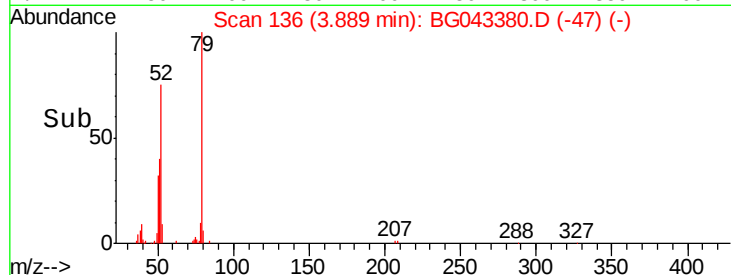
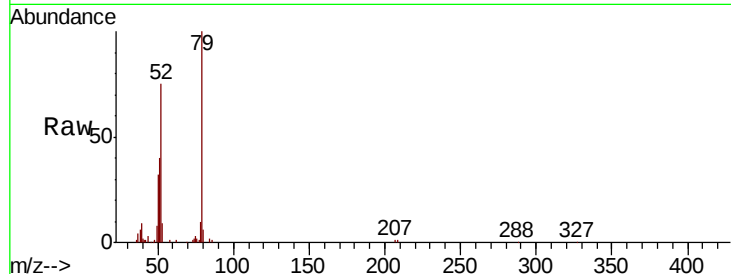


#2

1,4-Dioxane  
Concen: 35.281 ng  
RT: 3.49 min Scan# 68  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 69.4  | 60.2  | 90.2  |
| 43      | 36.2  | 22.7  | 34.1# |





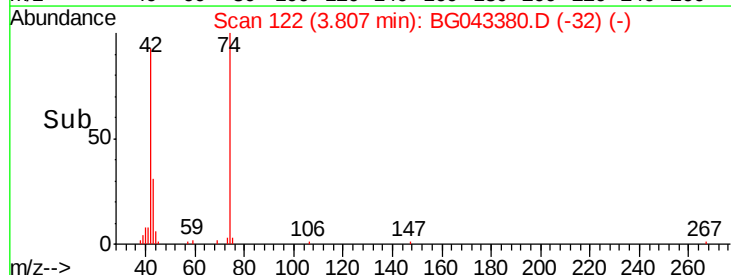
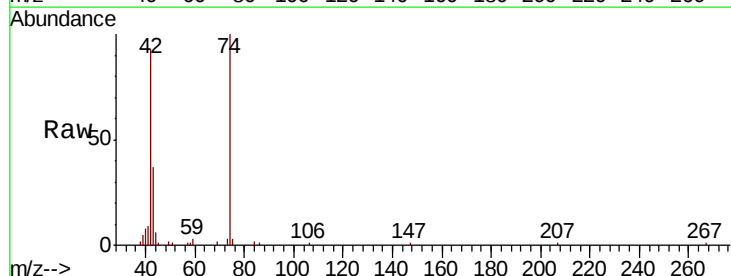
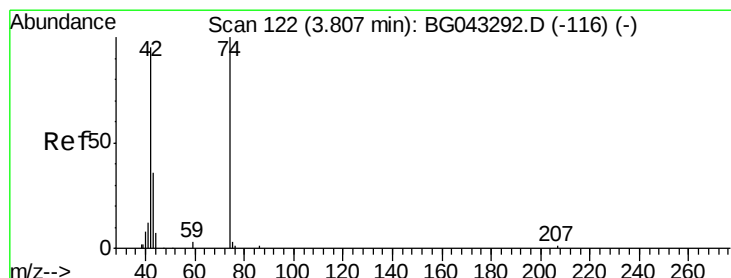
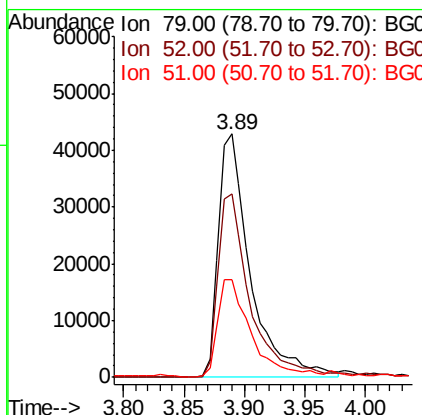
#3  
 Pvridine  
 Concen: 34.250 ng  
 RT: 3.89 min Scan# 136  
 Delta R.T. -0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 78431 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 75.1  | 59.7  | 89.5  |
| 51        | 40.3  | 31.8  | 47.6  |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

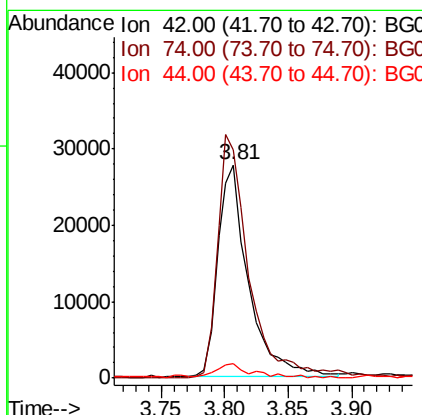
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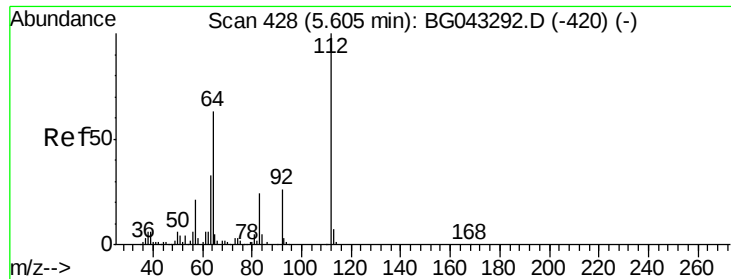
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#4  
 n-Nitrosodimethylamine  
 Concen: 40.691 ng  
 RT: 3.81 min Scan# 122  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 47019 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 107.2 | 84.2  | 126.2 |
| 44        | 6.8   | 6.0   | 9.0   |





#5

2-Fluorophenol

Concen: 123.949 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

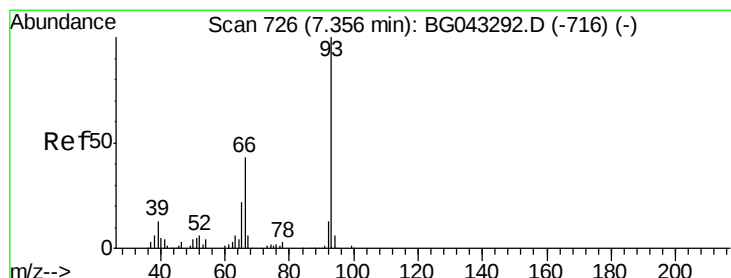
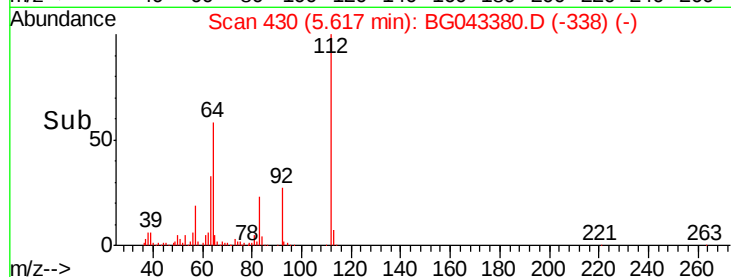
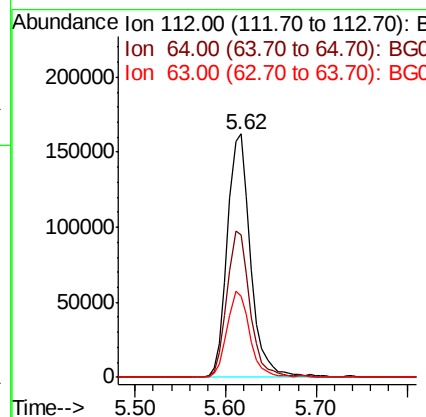
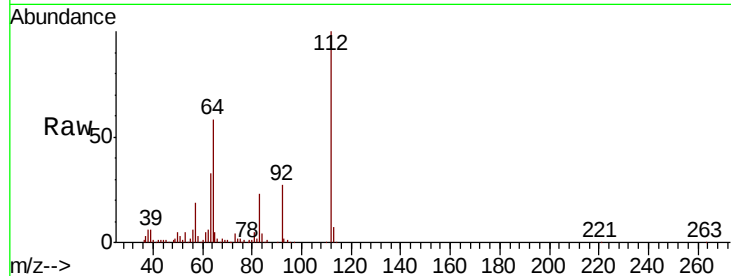
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 288739 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 58.5  | 50.2  | 75.2   |
| 63        | 33.3  | 26.7  | 40.1   |

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#6

Aniline

Concen: 14.924 ng

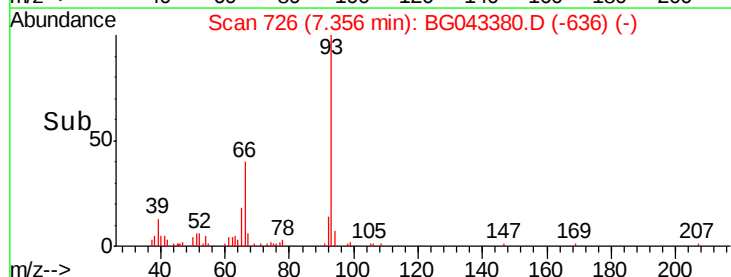
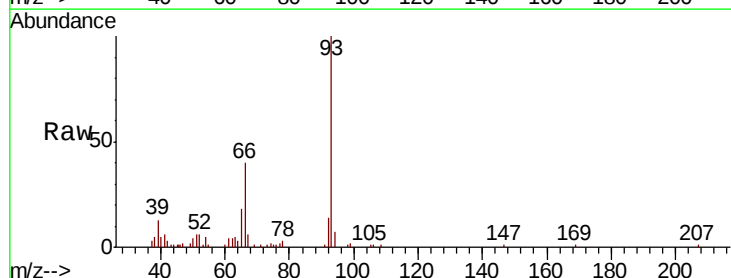
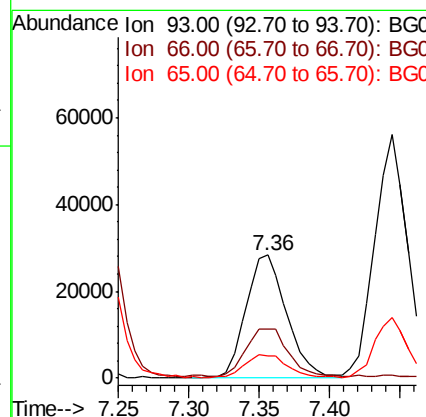
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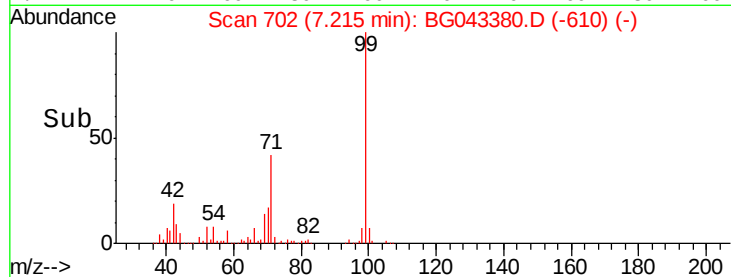
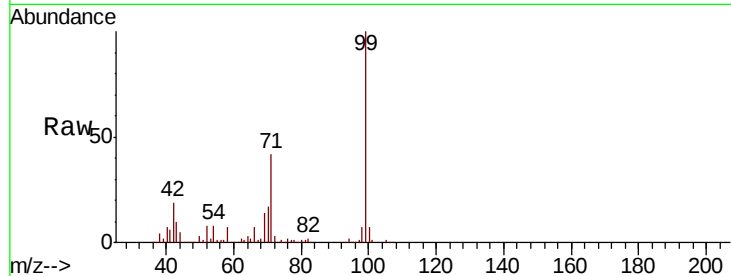
Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 57622 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 39.5  | 34.5  | 51.7  |
| 65        | 18.2  | 18.0  | 27.0  |





#7

Phenol-d6

Concen: 122.046 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

| Tot Ion   | 99    | Resp  | 409052 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.3  | 14.9  | 22.3   |
| 71        | 41.5  | 32.2  | 48.2   |

Instrument :

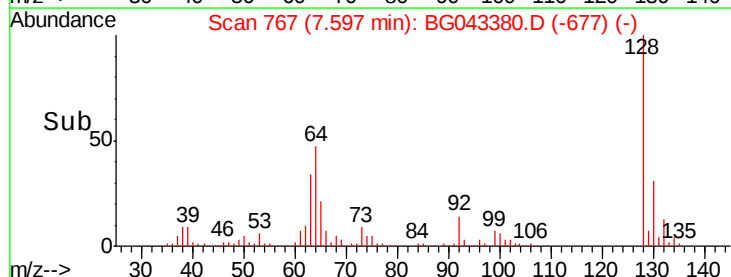
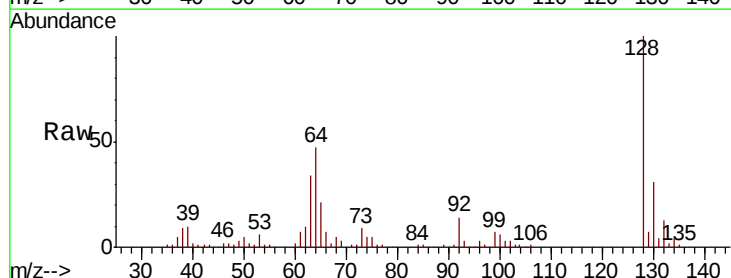
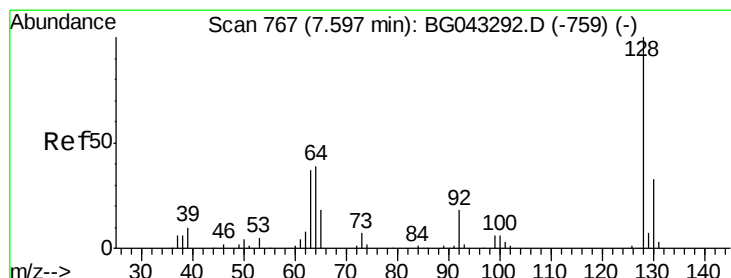
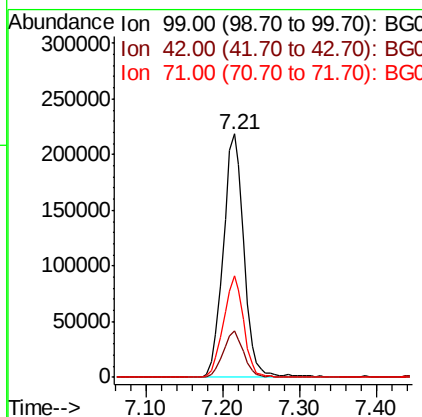
BNA\_G

ClientSampleId :

CSA-2-1-1MSD

Manual Integrations  
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#8

2-Chlorophenol

Concen: 44.363 ng

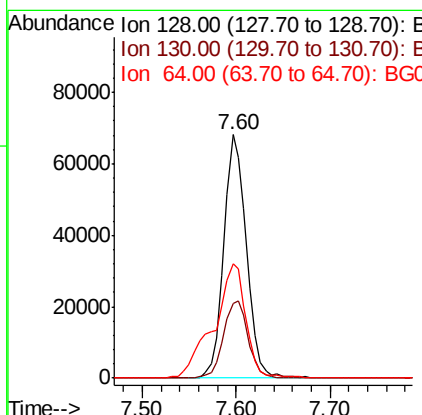
RT: 7.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

| Tgt Ion   | 128   | Resp  | 114081 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 30.6  | 12.9  | 52.9   |
| 64        | 47.0  | 24.9  | 64.9   |





#9

Benzaldehyde

Concen: 37.293 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

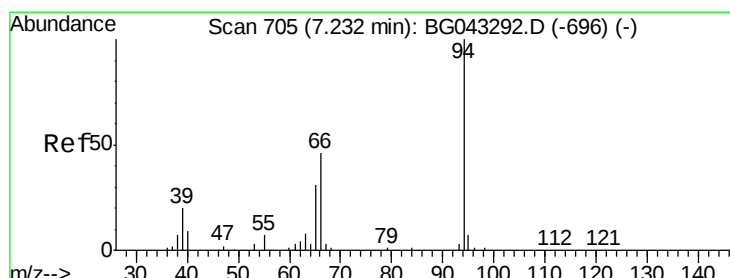
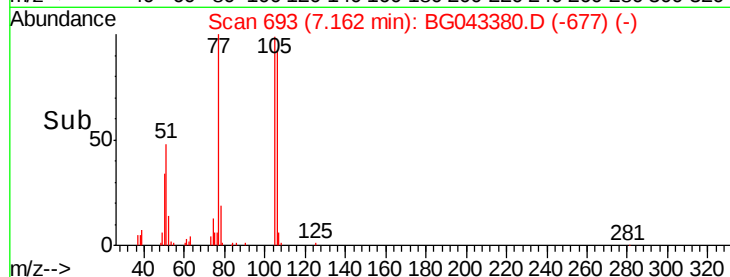
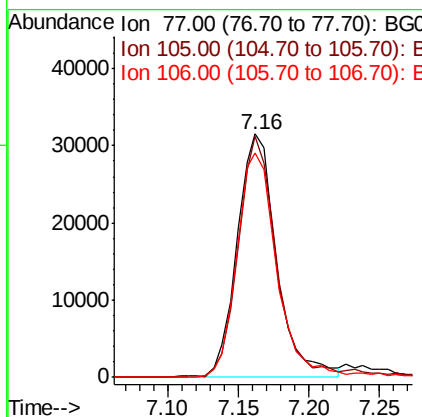
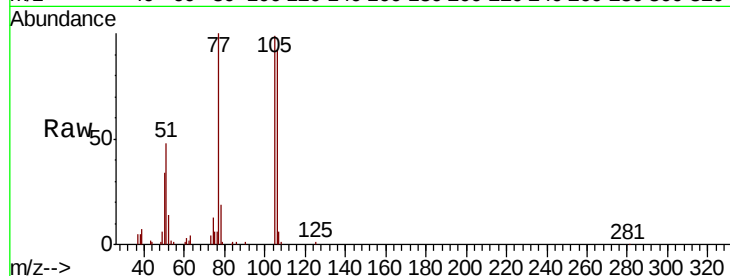
ClientSampleId :

CSA-2-1-1MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 61426 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 98.9  | 68.7  | 108.7 |
| 106      | 92.3  | 60.5  | 100.5 |

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#10

Phenol

Concen: 46.898 ng

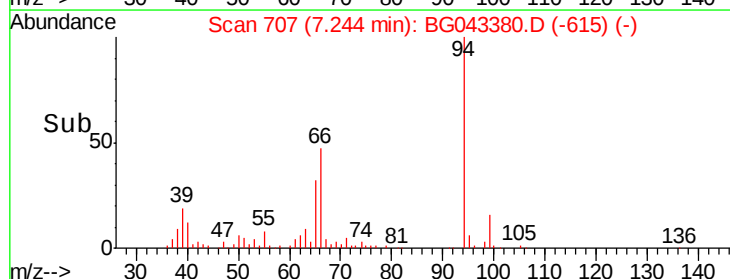
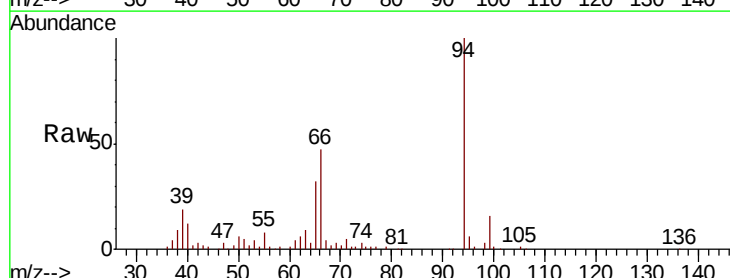
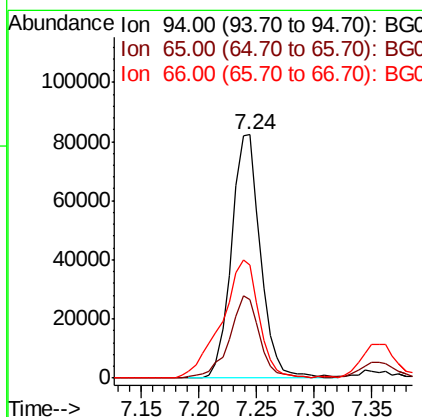
RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 143635 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.0  | 11.1  | 51.1   |
| 66       | 46.6  | 27.8  | 67.8   |





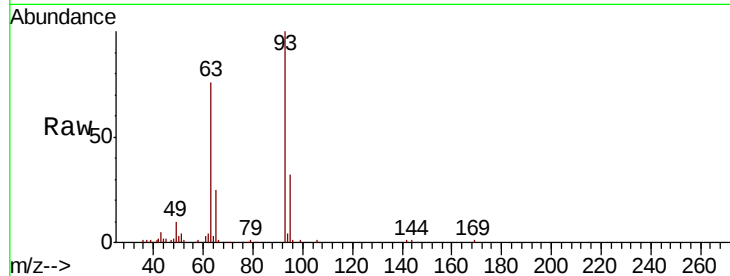
#11  
bis(2-Chloroethyl)ether  
Concen: 38.109 ng  
RT: 7.44 min Scan# 741  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 75.7  | 54.6  | 94.6  |
| 95      | 32.4  | 9.7   | 49.7  |

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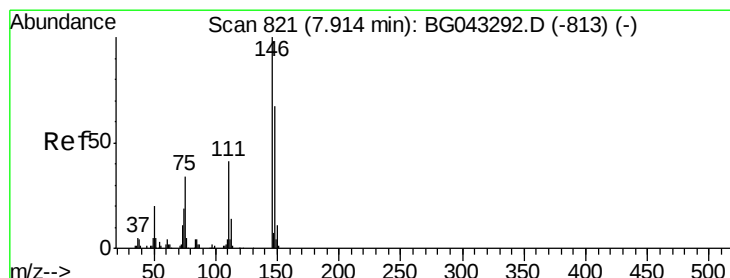
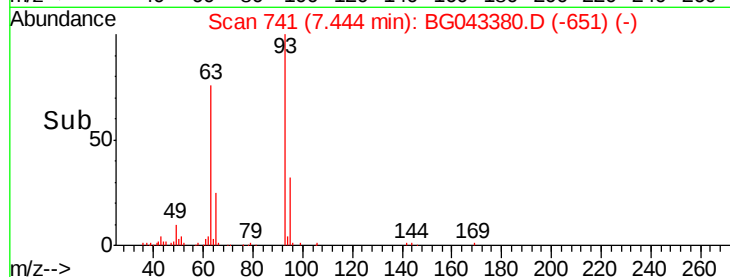
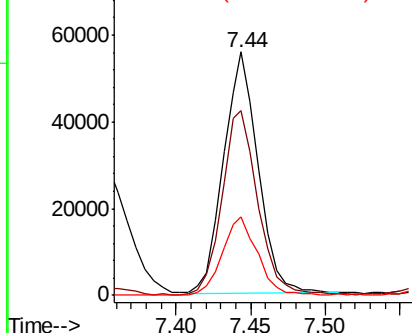


Abundance

Ion 93.00 (92.70 to 93.70): BGC

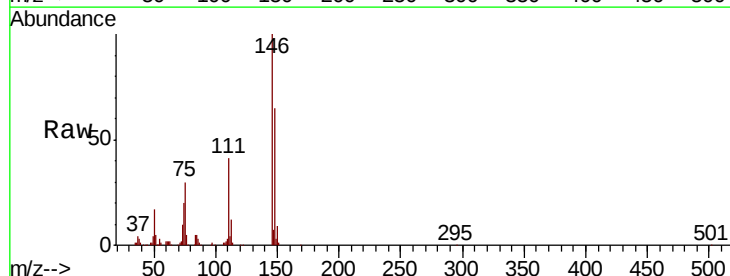
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12  
1,3-Dichlorobenzene  
Concen: 38.912 ng  
RT: 7.91 min Scan# 821  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.3  | 53.4  | 80.2  |
| 75      | 30.5  | 27.0  | 40.4  |

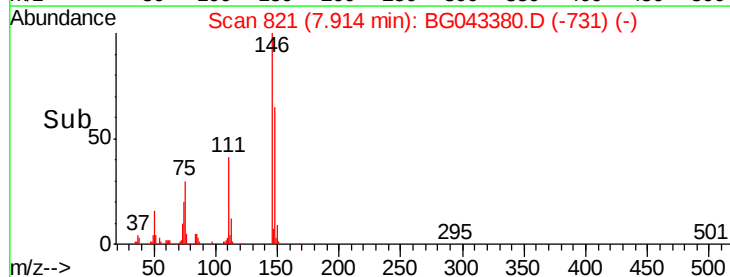
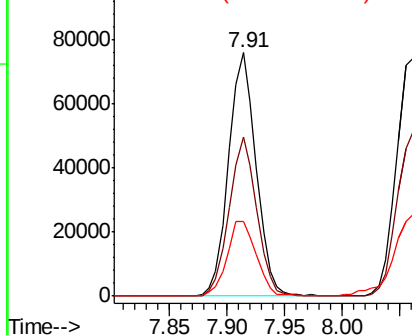


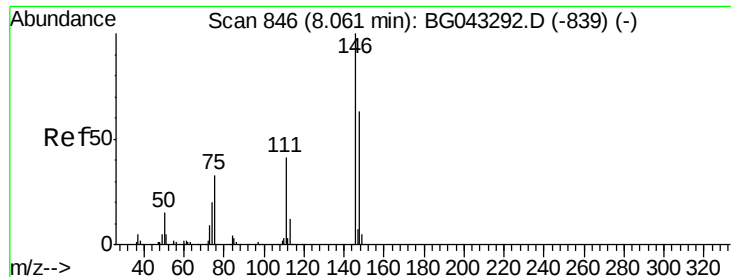
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





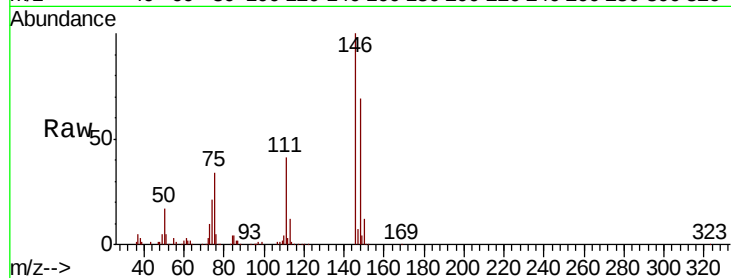
#13  
 1,4-Dichlorobenzene  
 Concen: 39.381 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.9  | 50.7  | 76.1  |
| 111     | 40.8  | 33.0  | 49.6  |

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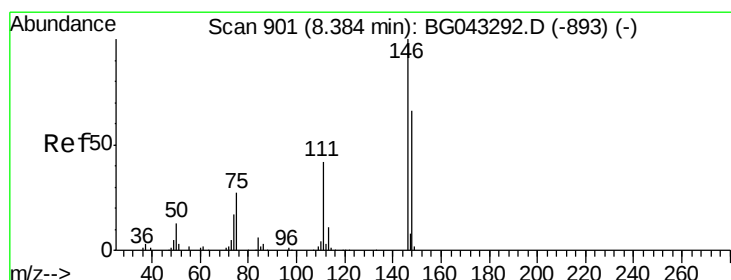
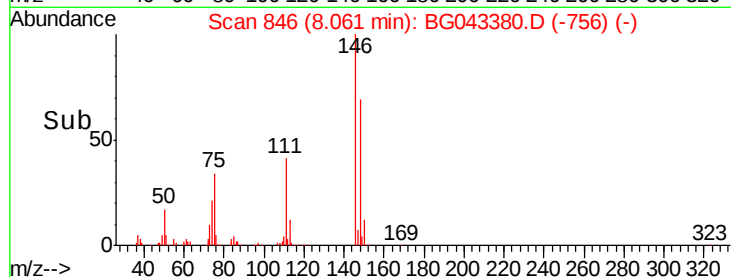
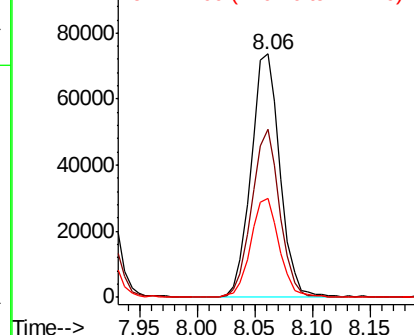


Abundance

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: 39.146 ng  
 RT: 8.38 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

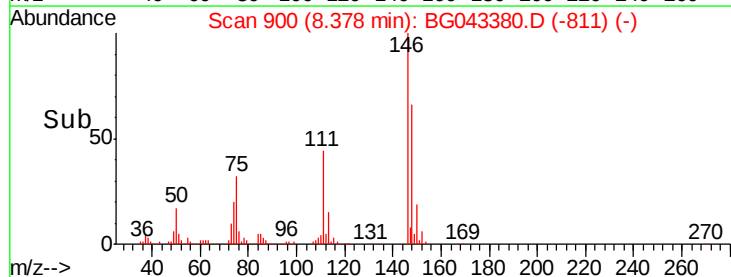
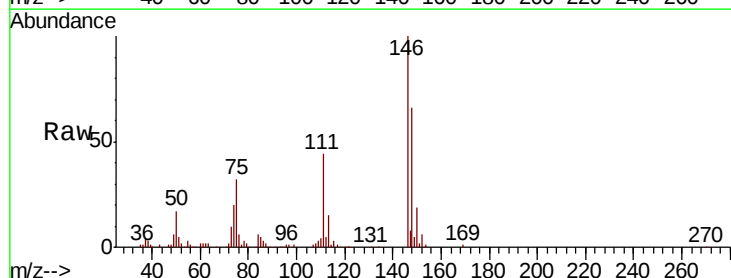
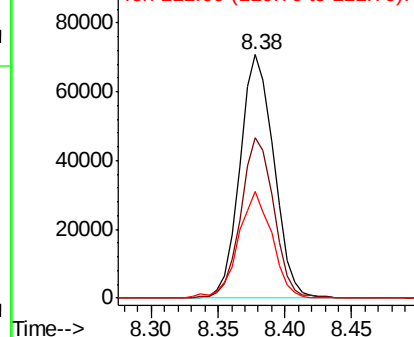
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 53.0  | 79.4  |
| 111     | 43.6  | 34.5  | 51.7  |

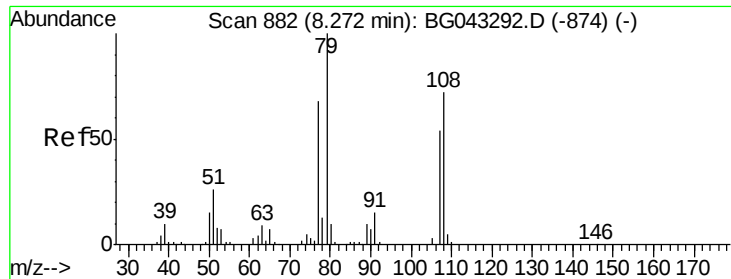
Abundance

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: 40.056 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

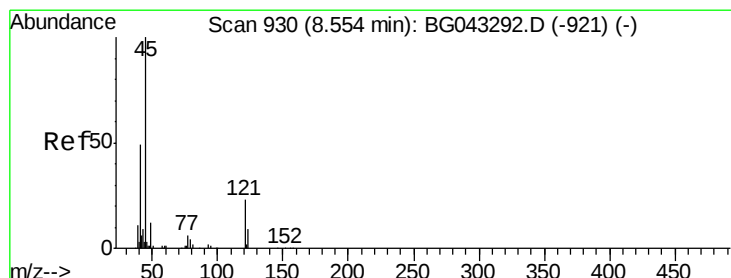
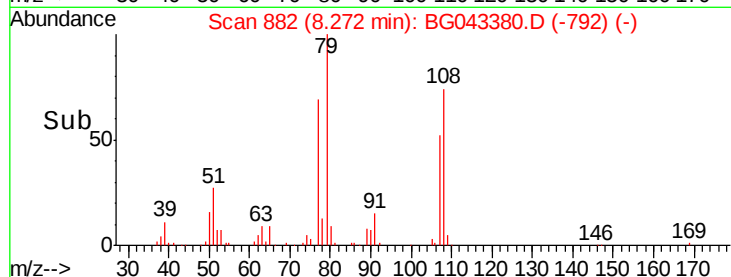
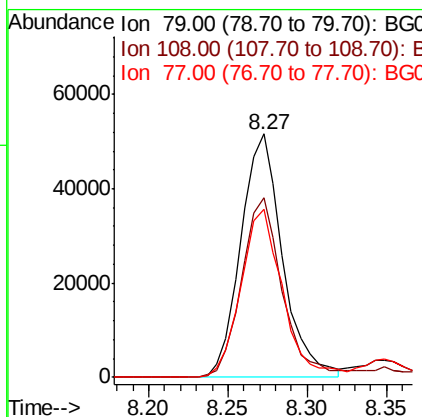
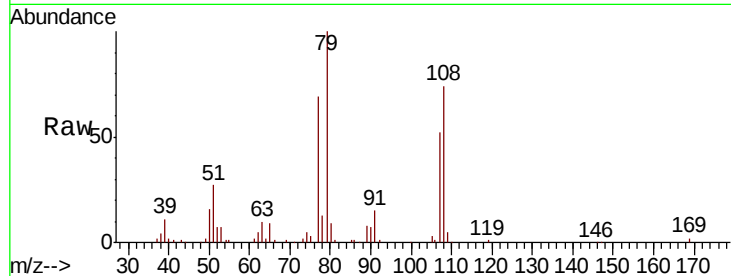
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 94286 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 74.0  | 57.3  | 85.9  |
| 77        | 68.8  | 54.6  | 81.8  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.056 ng

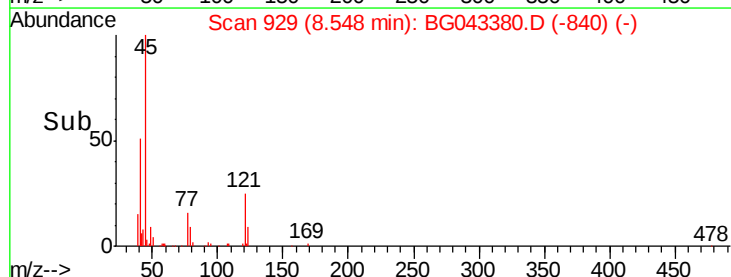
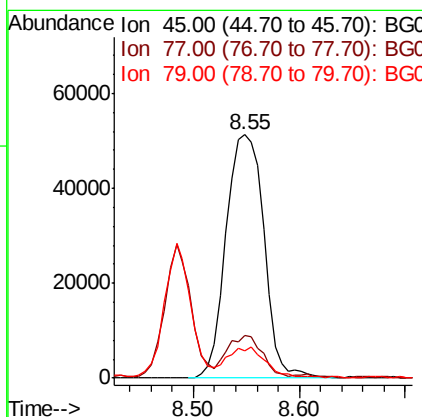
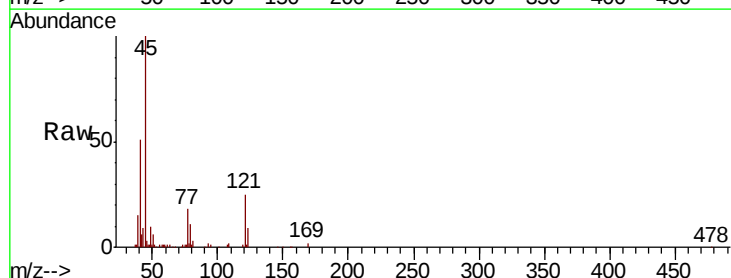
RT: 8.55 min Scan# 929

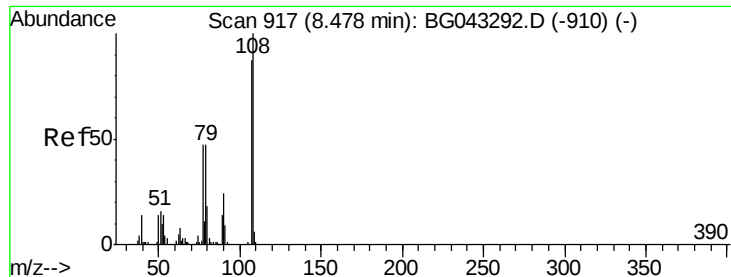
Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 127587 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 17.6  | 0.0   | 34.2   |
| 79        | 11.3  | 0.0   | 32.3   |





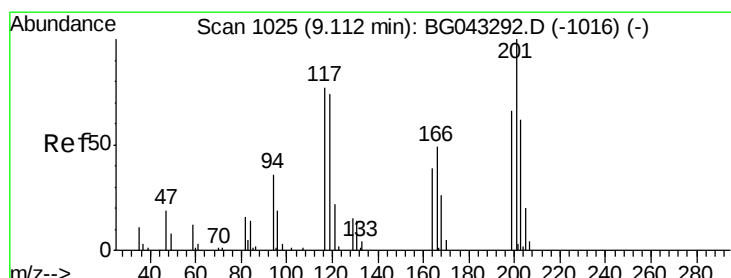
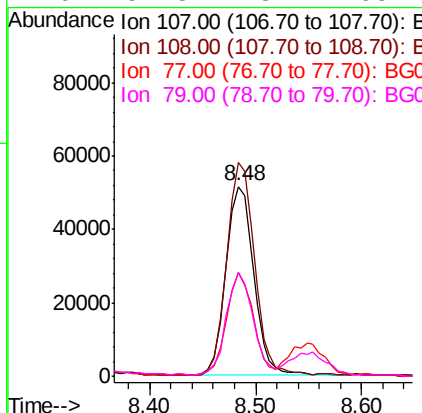
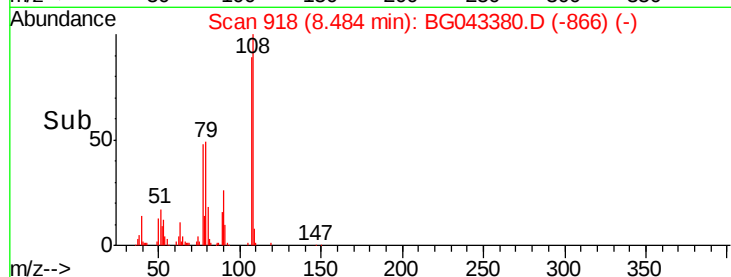
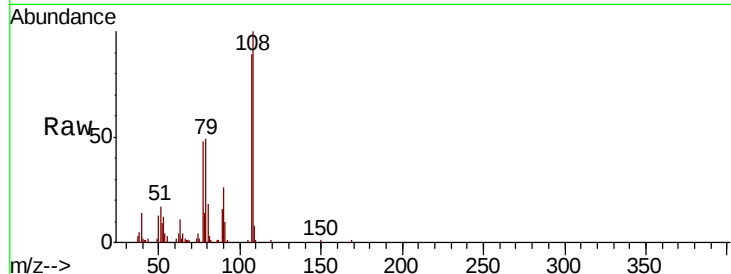
#17  
2-Methylphenol  
Concen: 42.535 ng  
RT: 8.48 min Scan# 918  
Delta R.T. 0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.5 | 91.3 | 136.9 |       |
| 77      | 54.5  | 43.0 | 64.6  |       |
| 79      | 54.8  | 43.4 | 65.2  |       |

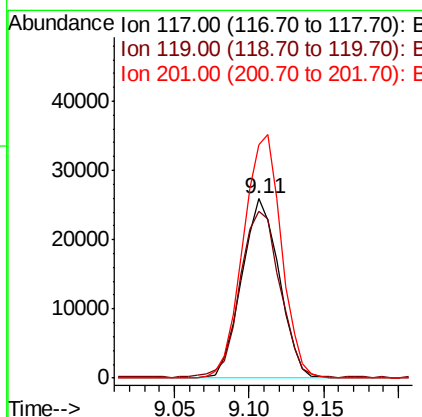
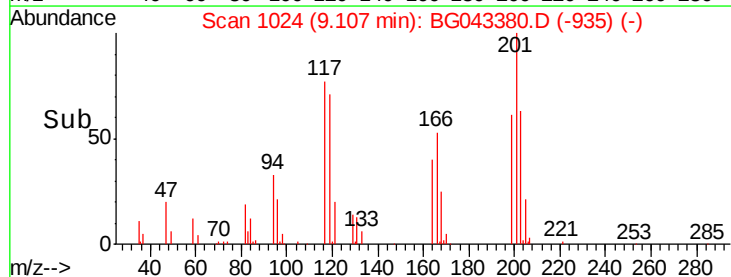
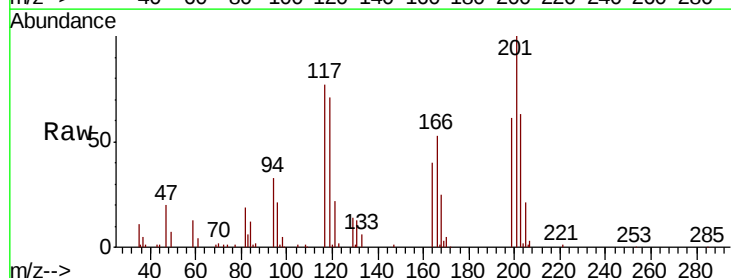
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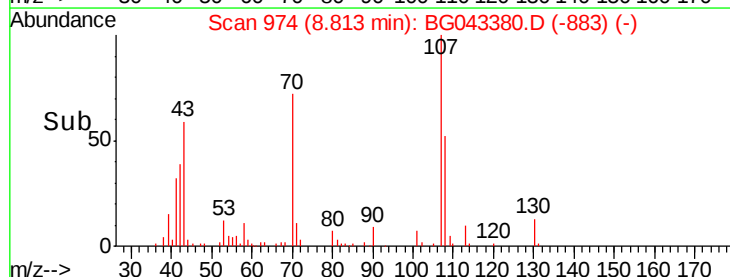
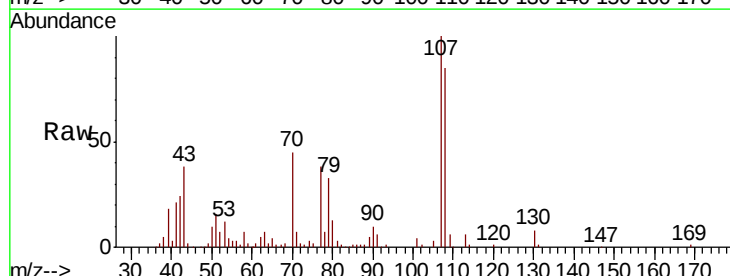
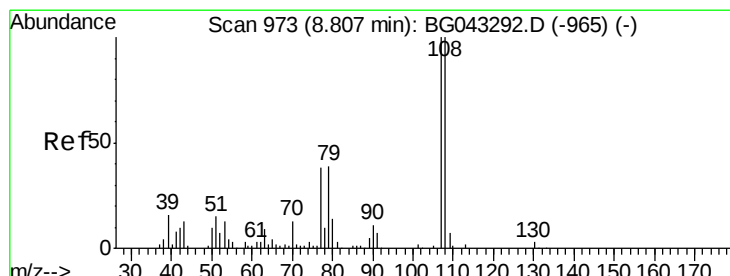
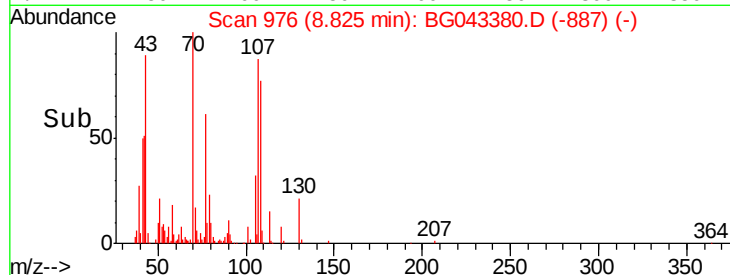
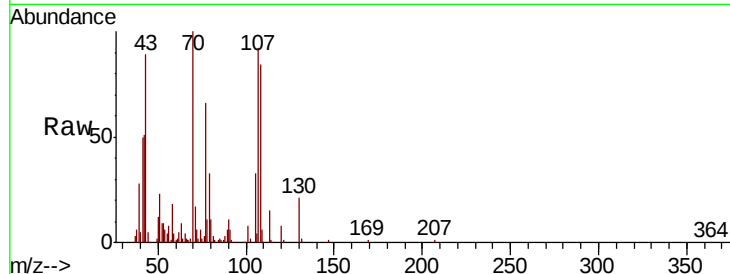
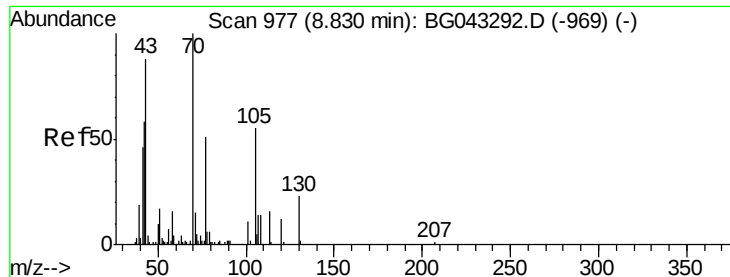
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#18  
Hexachloroethane  
Concen: 38.295 ng  
RT: 9.11 min Scan# 1024  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

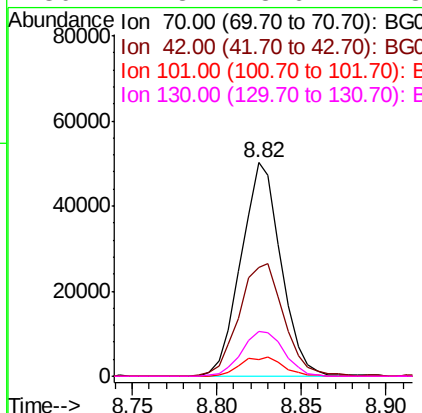
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   |       |       |       |
| 119     | 92.7  | 77.3  | 115.9 |       |
| 201     | 129.9 | 104.2 | 156.4 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.111 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 50.9  | 46.2  | 69.2  |
| 101     | 7.7   | 8.6   | 13.0  |
| 130     | 21.3  | 18.6  | 27.8  |



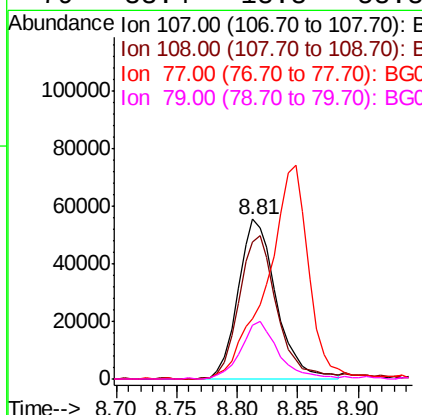
Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

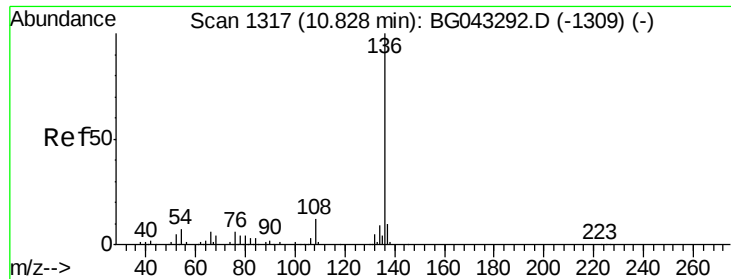
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#20  
3+4-Methylphenols  
Concen: 39.985 ng  
RT: 8.81 min Scan# 974  
Delta R.T. 0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.4  | 80.3  | 120.3 |
| 77      | 37.6  | 18.2  | 58.2  |
| 79      | 33.4  | 18.8  | 58.8  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

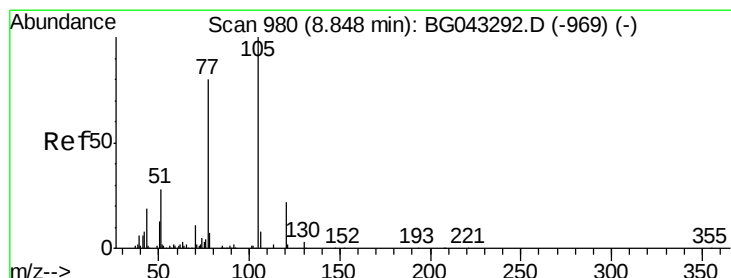
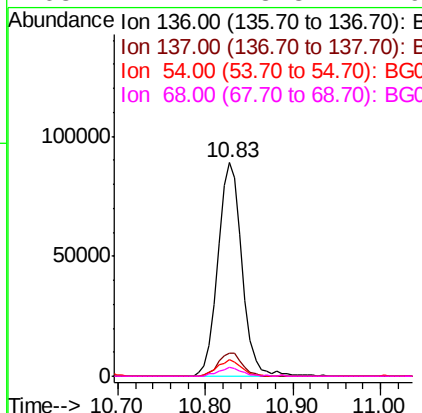
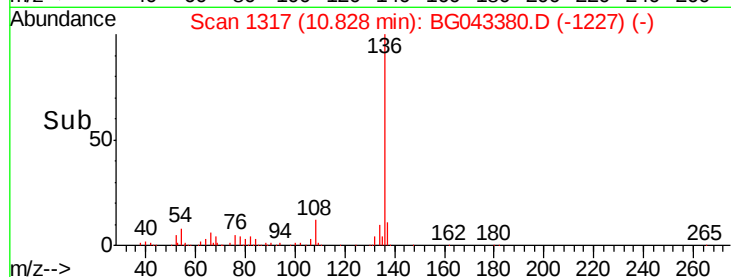
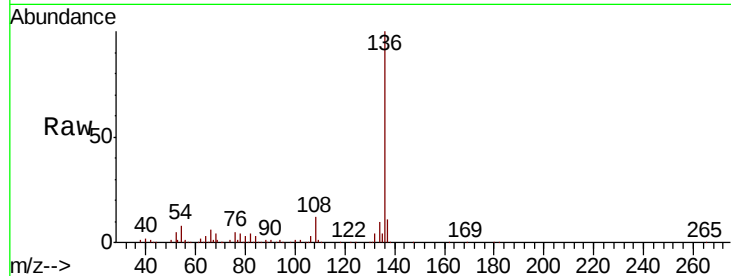
ClientSampleId :

CSA-2-1-1MSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 169650 |       |       |
| 137     | 11.1 | 8.2   | 12.2   |       |       |
| 54      | 7.6  | 5.4   | 8.2    |       |       |
| 68      | 4.1  | 3.3   | 4.9    |       |       |

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#22

Acetophenone

Concen: 37.658 ng

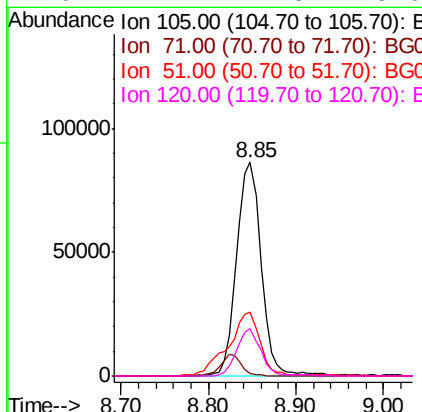
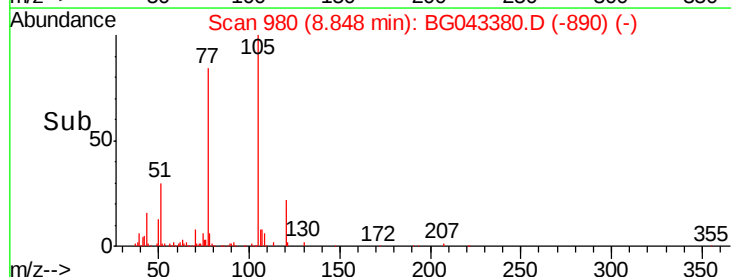
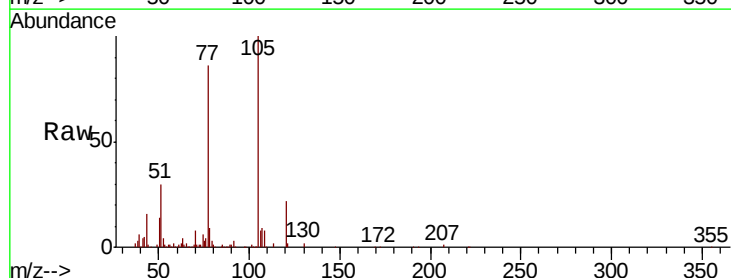
RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 163607 |       |       |
| 71      | 1.4  | 1.5   | 2.3#   |       |       |
| 51      | 30.3 | 23.9  | 35.9   |       |       |
| 120     | 22.4 | 17.3  | 25.9   |       |       |





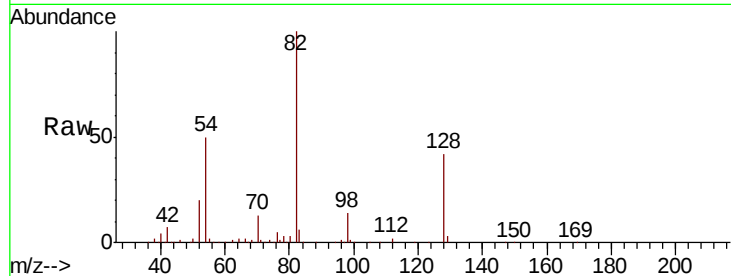
#23  
 Nitrobenzene-d5  
 Concen: 76.400 ng  
 RT: 9.19 min Scan# 1038  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

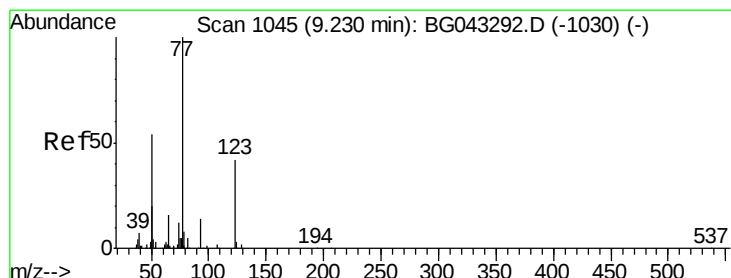
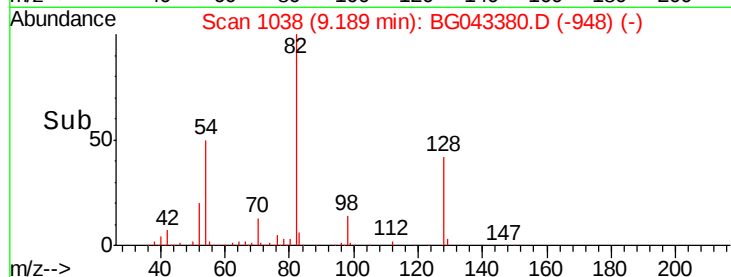
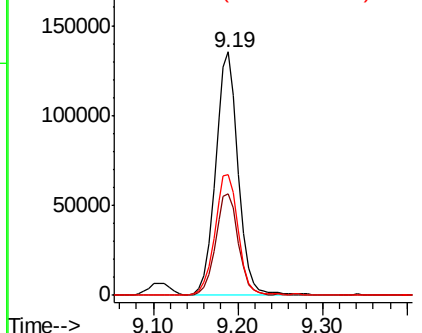
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.9  | 35.3  | 52.9  |
| 54      | 49.8  | 42.3  | 63.5  |

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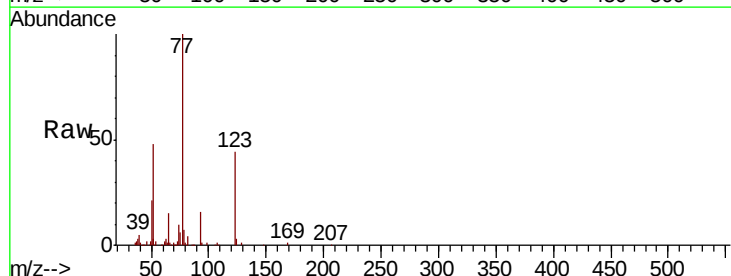


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

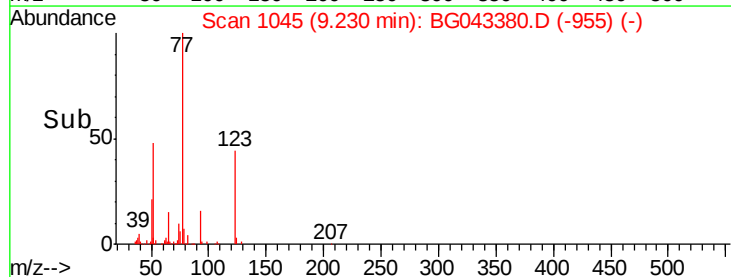
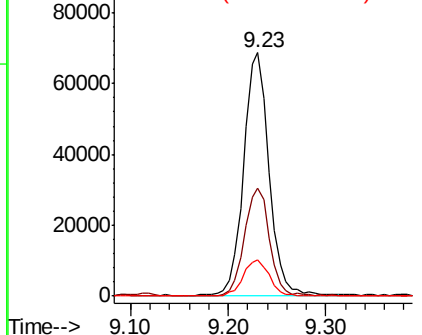


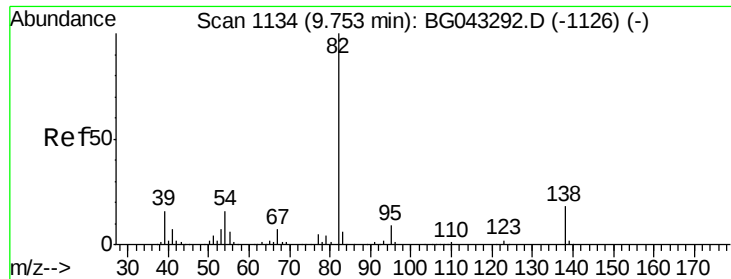
#24  
 Nitrobenzene  
 Concen: 40.212 ng  
 RT: 9.23 min Scan# 1045  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.5  | 33.8  | 50.8  |
| 65      | 14.8  | 13.0  | 19.4  |



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





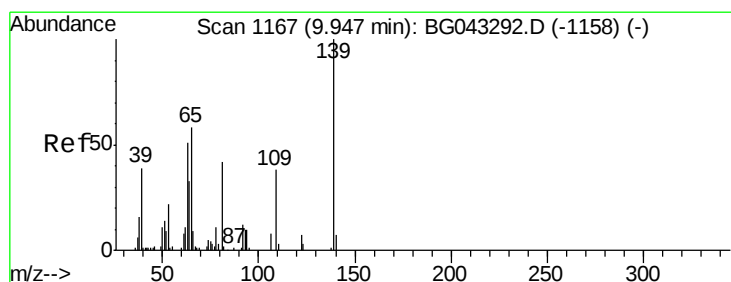
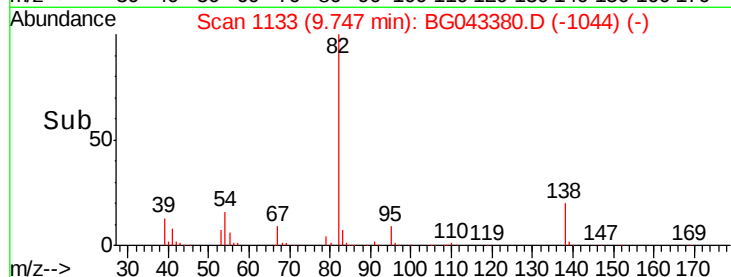
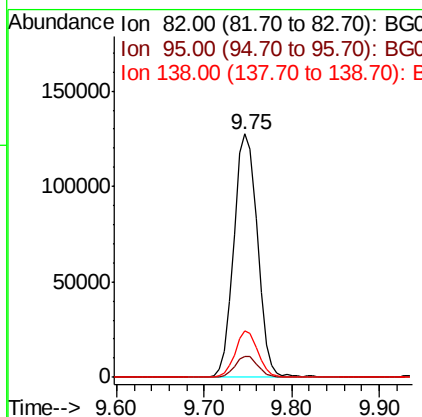
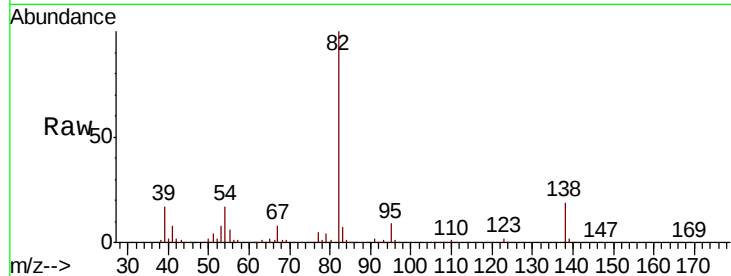
#25  
Isophorone  
Concen: 38.674 ng  
RT: 9.75 min Scan# 1133  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 232676 |       |       |
| 95      | 8.6   |        | 6.9   | 10.3  |
| 138     | 19.3  |        | 14.2  | 21.2  |

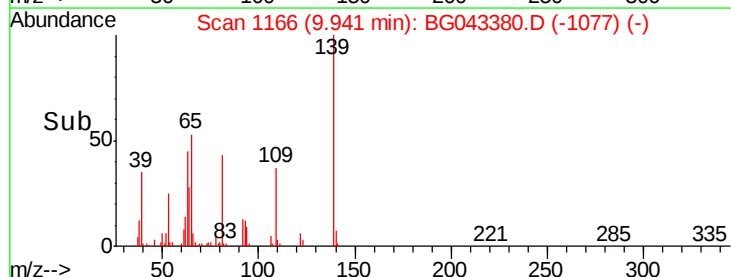
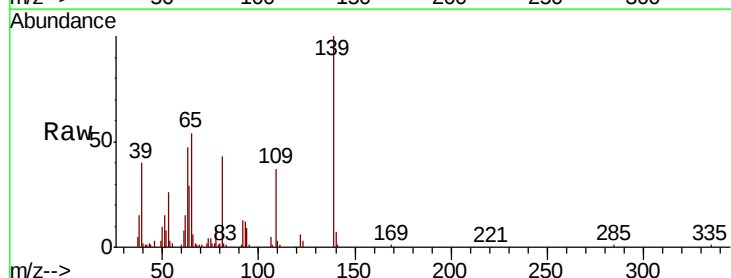
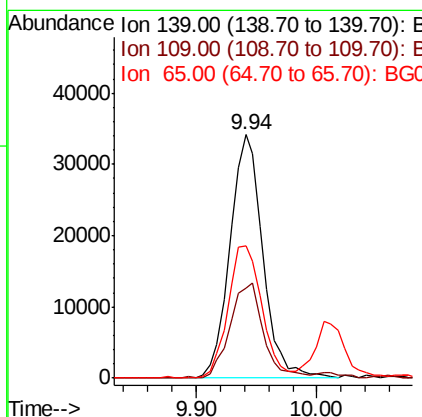
Manual Integrations  
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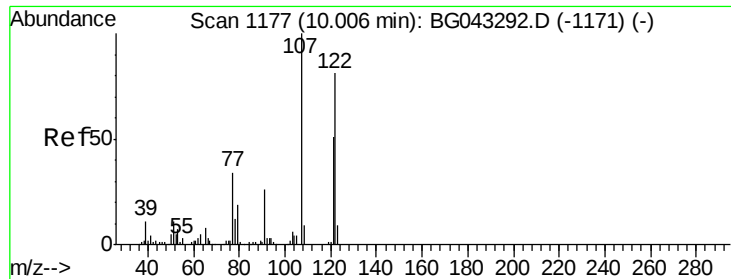
mohammad  
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#26  
2-Nitrophenol  
Concen: 42.707 ng  
RT: 9.94 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 64633 |       |       |
| 109     | 36.9  |       | 30.1  | 45.1  |
| 65      | 54.4  |       | 46.1  | 69.1  |





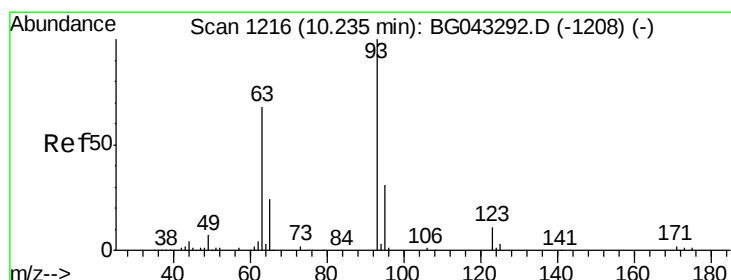
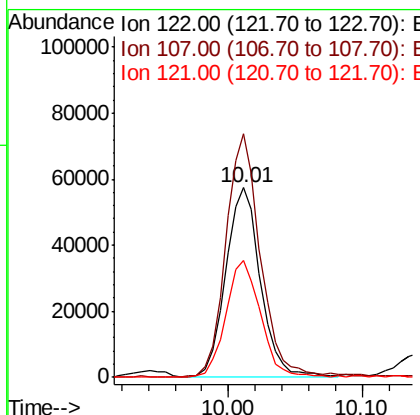
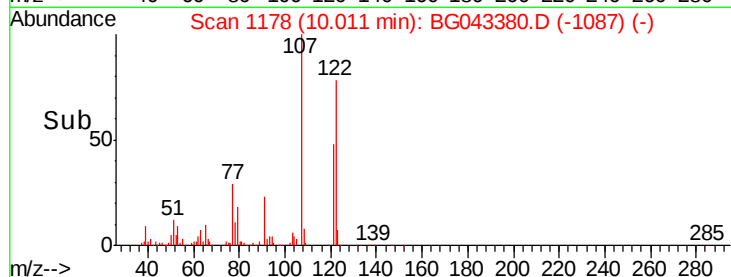
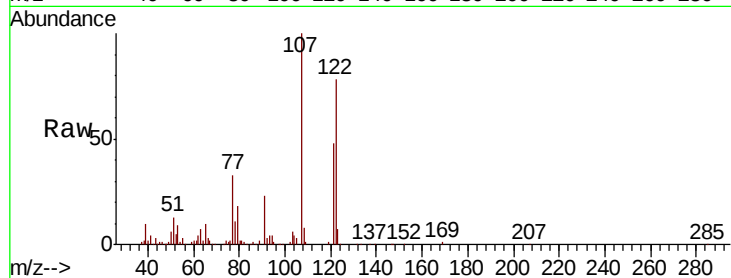
#27  
2,4-Dimethylphenol  
Concen: 47.540 ng  
RT: 10.01 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 128.3 | 98.6  | 147.8 |
| 121     | 61.6  | 50.1  | 75.1  |

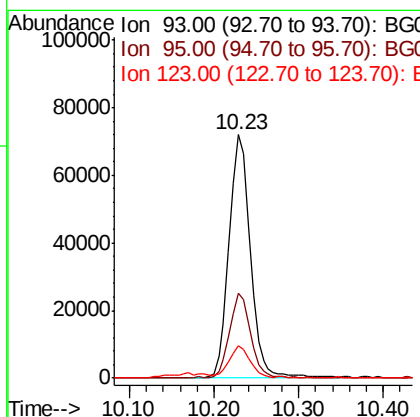
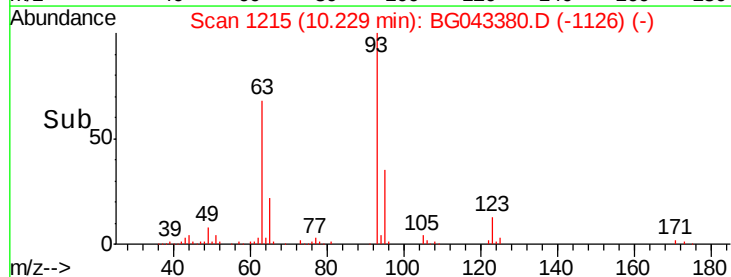
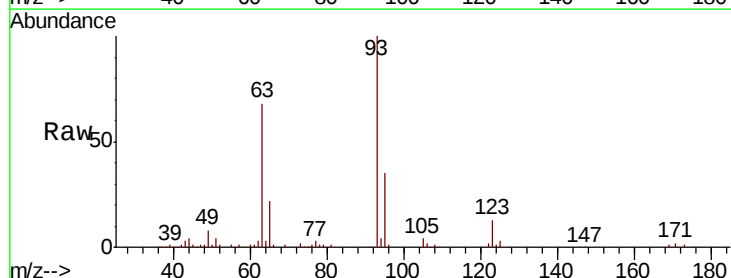
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#28  
bis(2-Chloroethoxy)methane  
Concen: 37.736 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.8  | 24.9  | 37.3  |
| 123     | 13.2  | 8.9   | 13.3  |





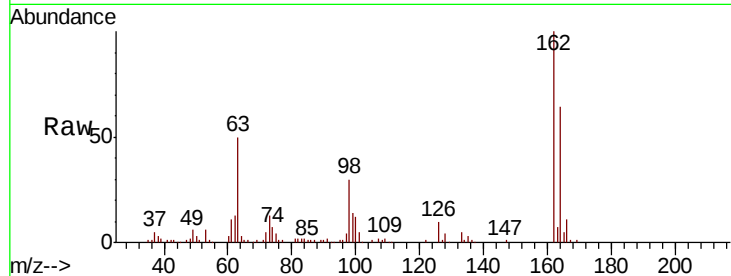
#29  
 2,4-Dichlorophenol  
 Concen: 43.586 ng  
 RT: 10.49 min Scan# 1260  
 Delta R.T. 0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

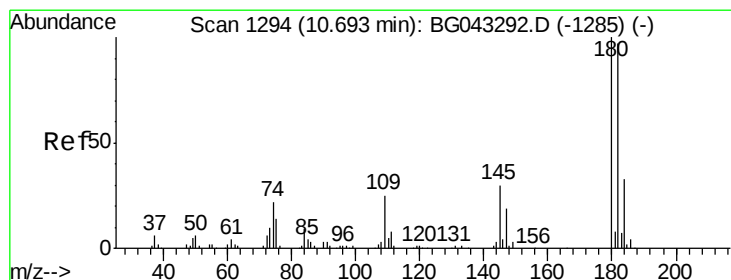
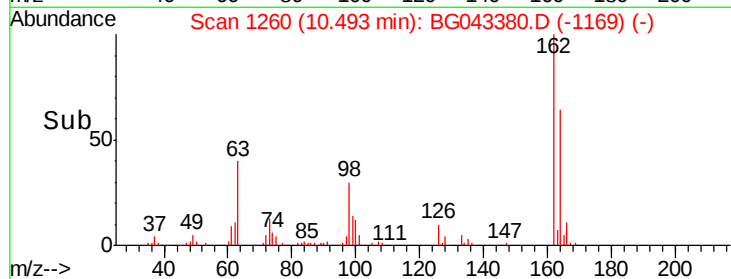
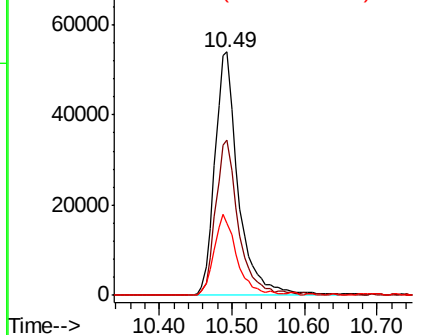
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 121136 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.8  | 37.3  | 77.3   |
| 98        | 29.9  | 11.8  | 51.8   |

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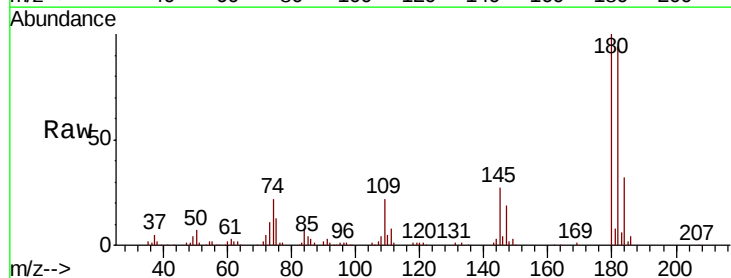


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

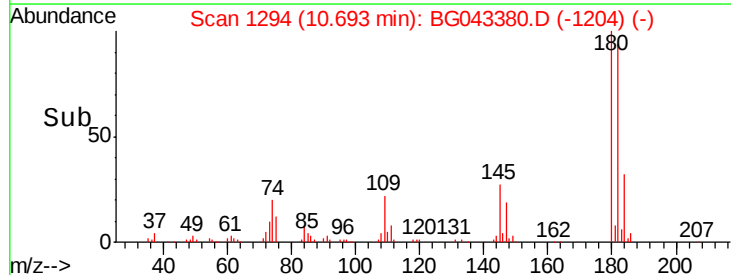
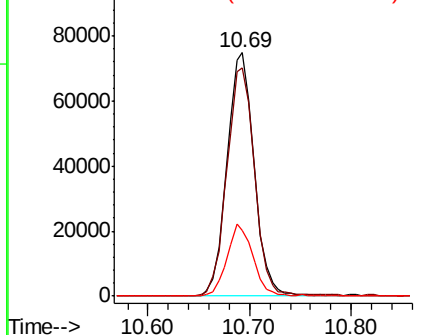


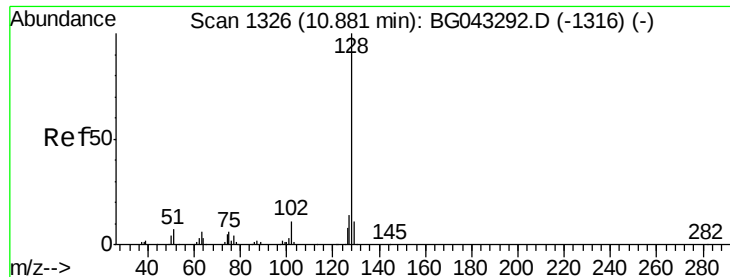
#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.600 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 138713 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.5  | 77.8  | 116.8  |
| 145       | 27.2  | 23.6  | 35.4   |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





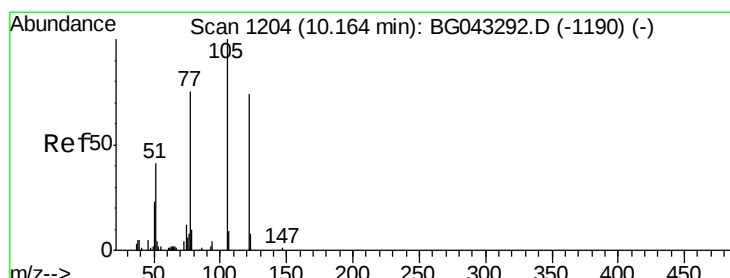
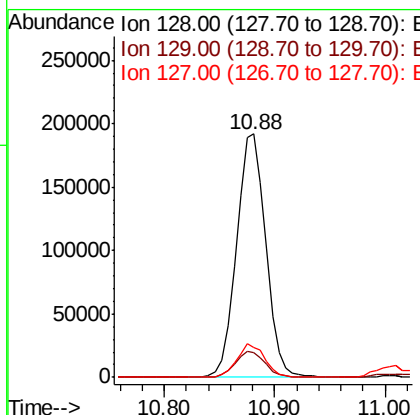
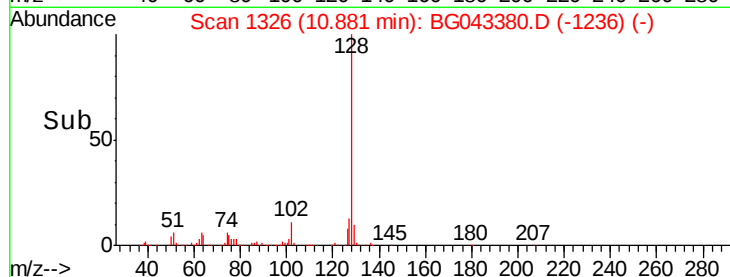
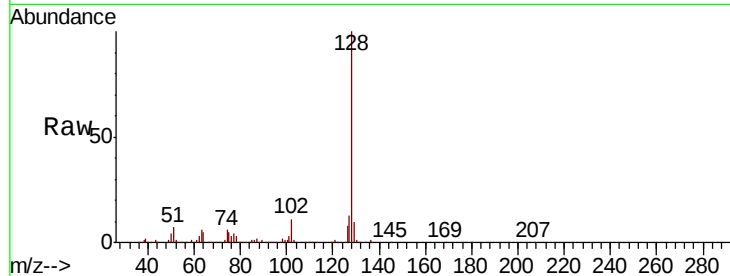
#31  
Naphthalene  
Concen: 41.445 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.0  | 8.6   | 12.8  |
| 127     | 12.5  | 11.5  | 17.3  |

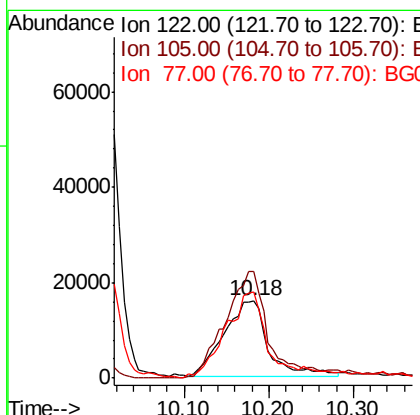
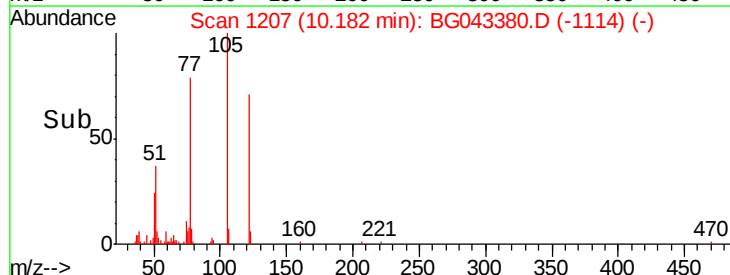
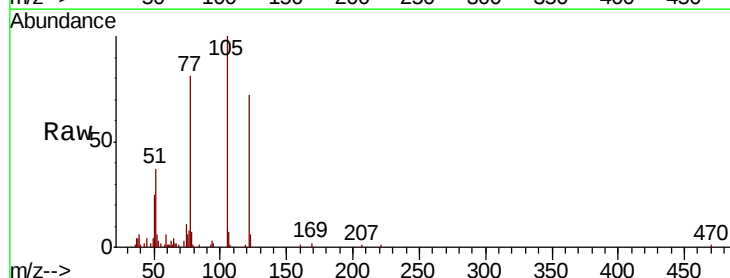
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#32  
Benzoic acid  
Concen: 37.141 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. 0.02 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 138.6 | 112.4 | 152.4 |
| 77      | 112.1 | 82.7  | 122.7 |





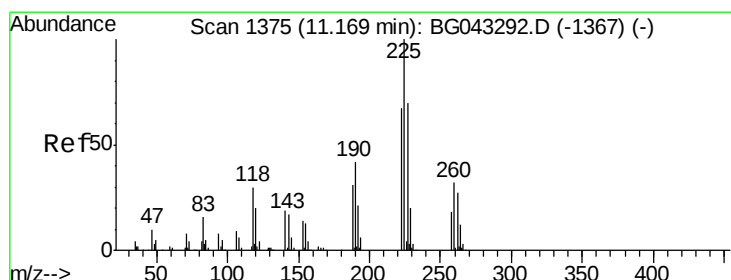
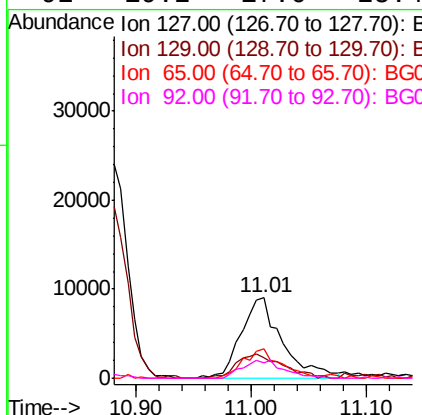
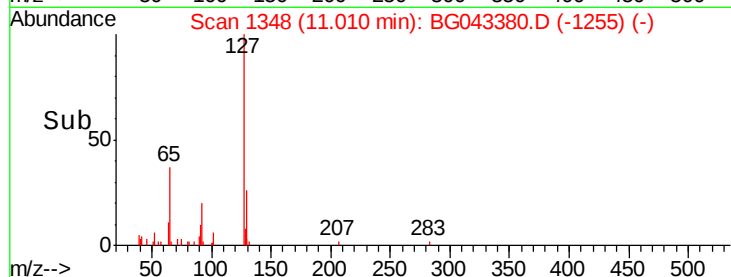
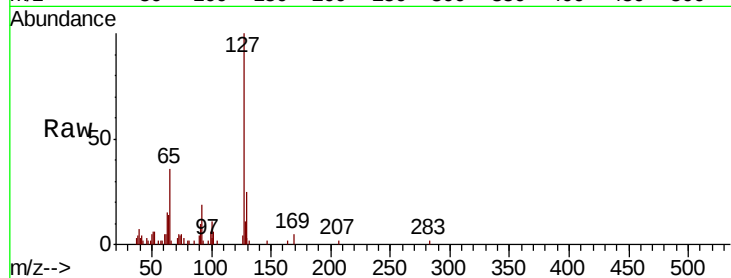
#33  
4-Chloroaniline  
Concen: 6.329 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. 0.02 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 25.1  | 25.8  | 38.8# |
| 65      | 36.3  | 26.2  | 39.2  |
| 92      | 19.2  | 17.0  | 25.4  |

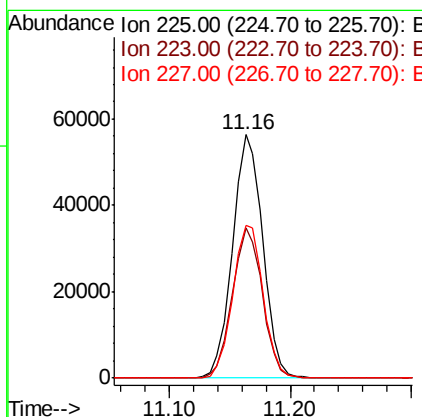
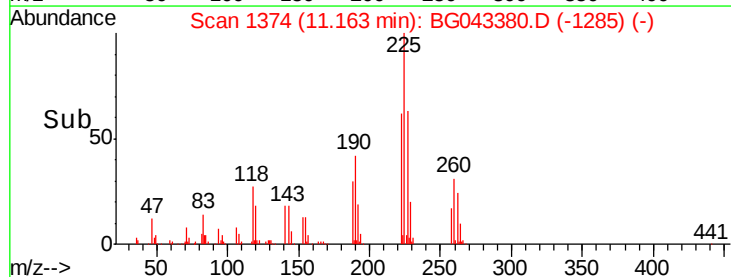
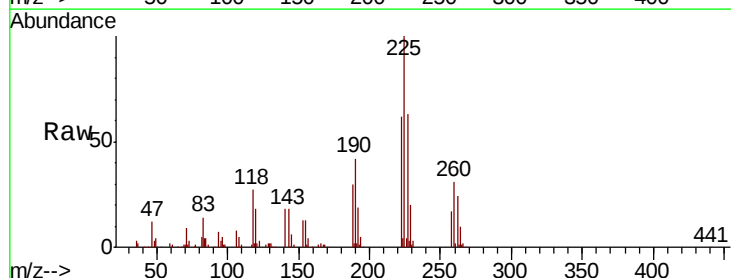
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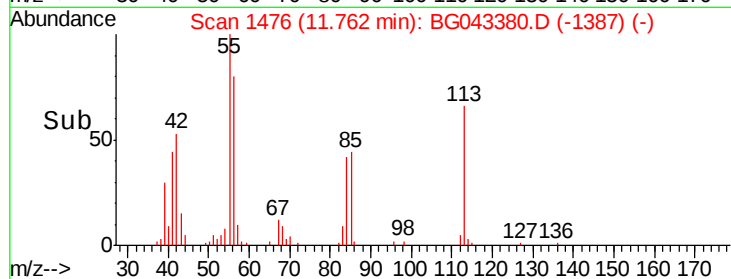
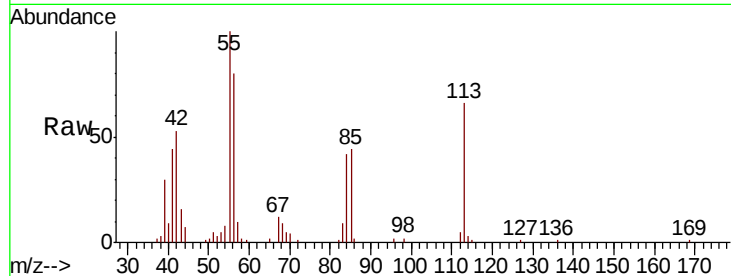
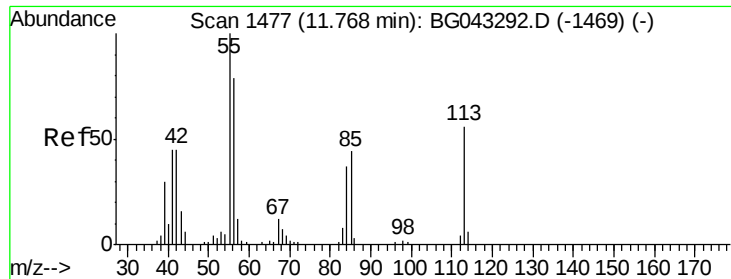
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#34  
Hexachlorobutadiene  
Concen: 37.833 ng  
RT: 11.16 min Scan# 1374  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.5  | 53.2  | 79.8  |
| 227     | 62.6  | 56.2  | 84.2  |





#35

Caprolactam

Concen: 38.747 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

ClientSampleId :

CSA-2-1-1MSD

Tot Ion:113 Resp: 37088

Ion Ratio Lower Upper

113 100

55 151.6 158.9 198.9#

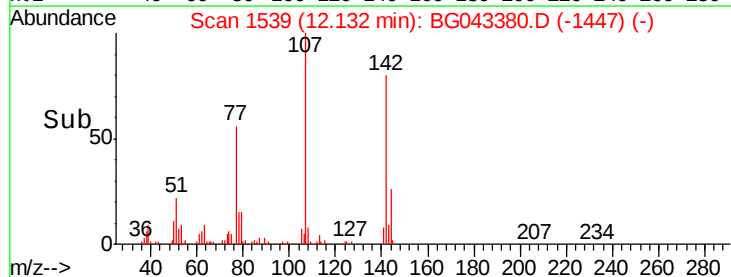
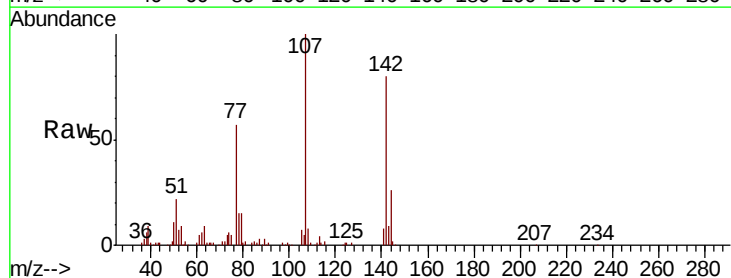
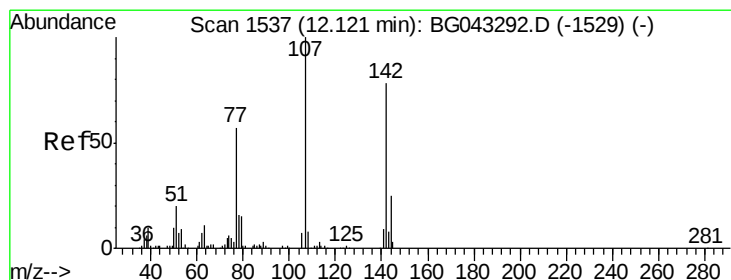
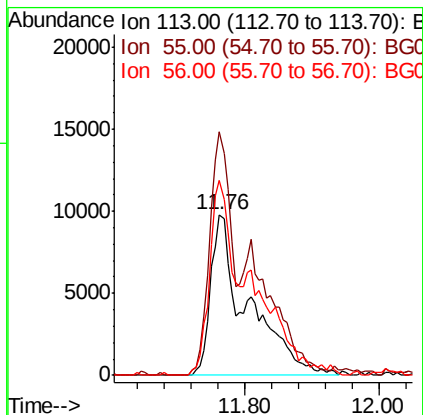
56 121.4 121.4 161.4#

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#36

4-Chloro-3-methylphenol

Concen: 41.026 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

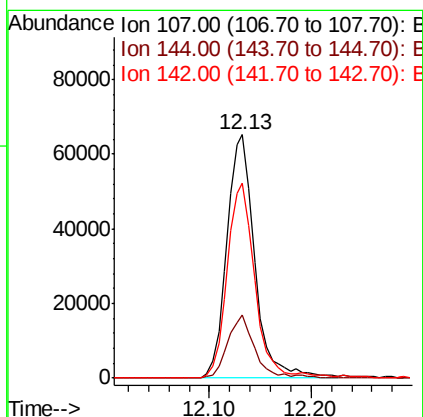
Tgt Ion:107 Resp: 124373

Ion Ratio Lower Upper

107 100

144 25.7 19.9 29.9

142 80.0 62.1 93.1





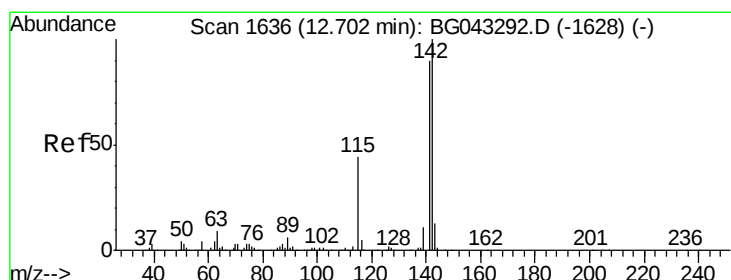
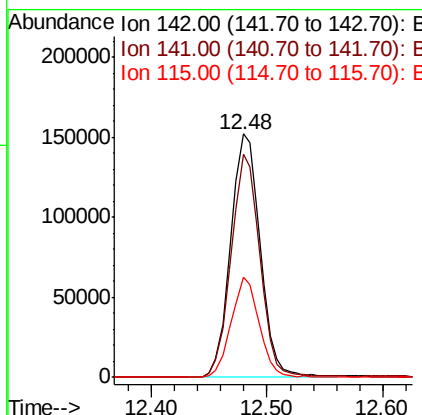
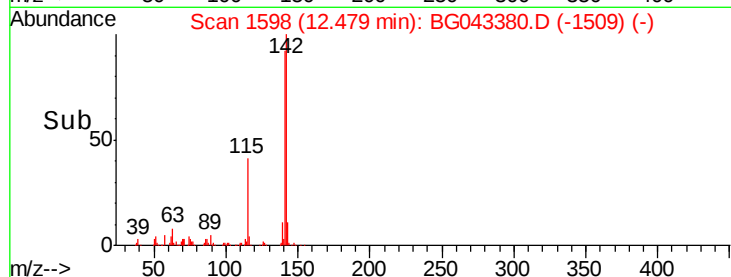
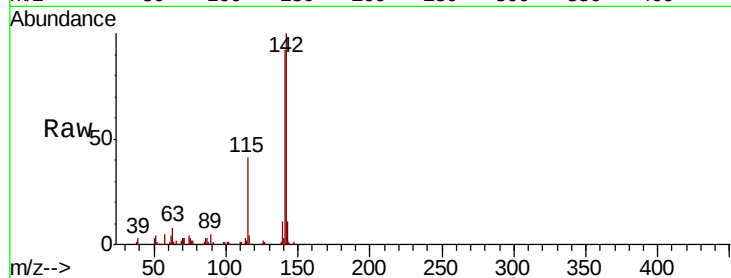
#37  
2-Methylnaphthalene  
Concen: 40.994 ng  
RT: 12.48 min Scan# 1598  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 69.7  | 104.5 |
| 115     | 41.4  | 30.6  | 46.0  |

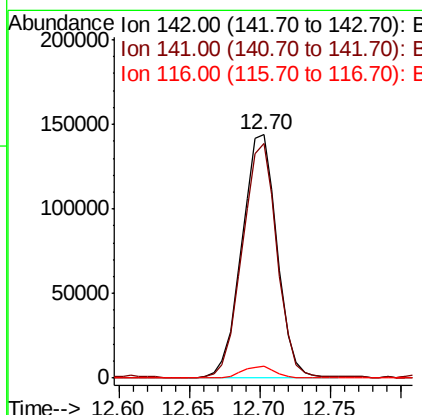
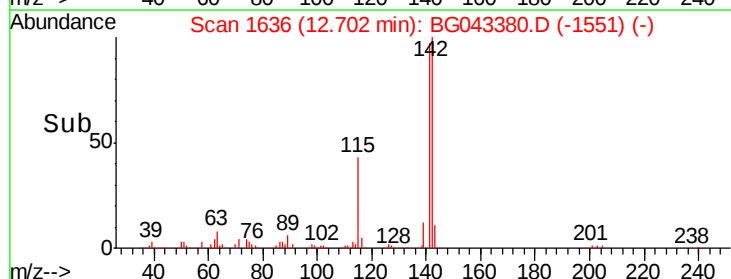
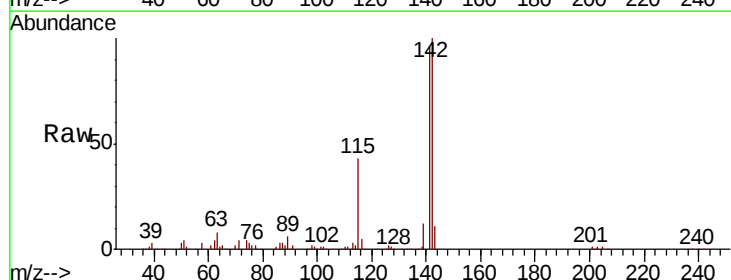
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#38  
1-Methylnaphthalene  
Concen: 39.897 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.3  | 72.3  | 108.5 |
| 116     | 4.8   | 3.8   | 5.6   |





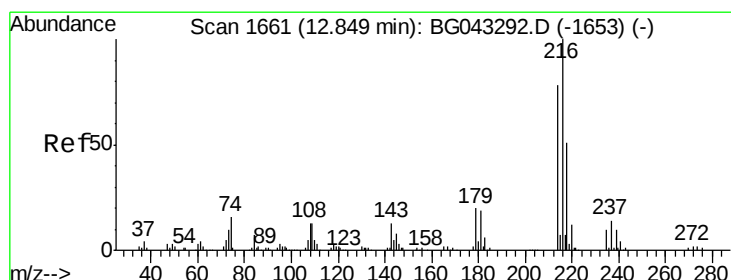
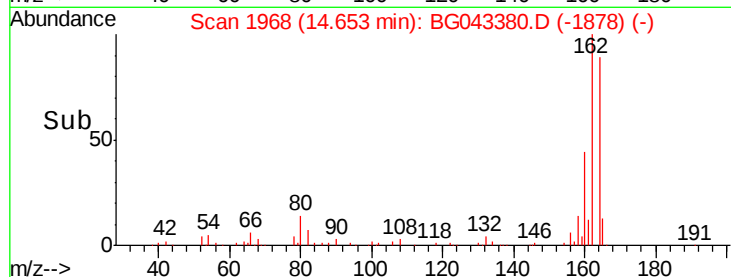
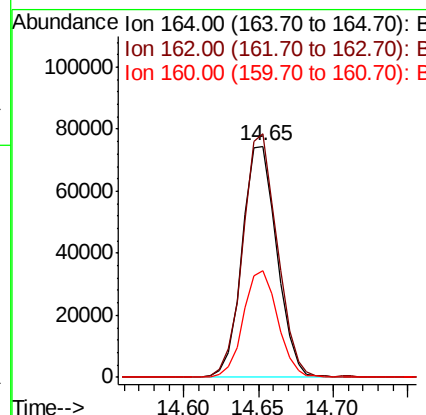
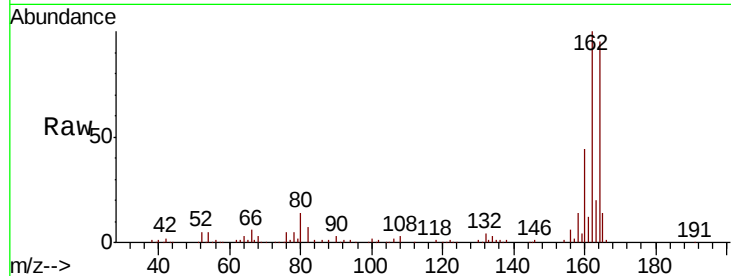
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.65 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.5 | 87.0  | 130.4 |
| 160     | 46.4  | 35.5  | 53.3  |

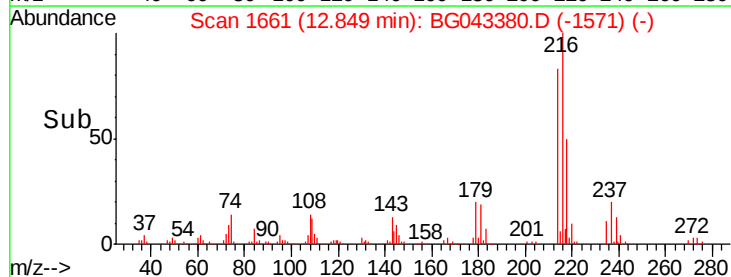
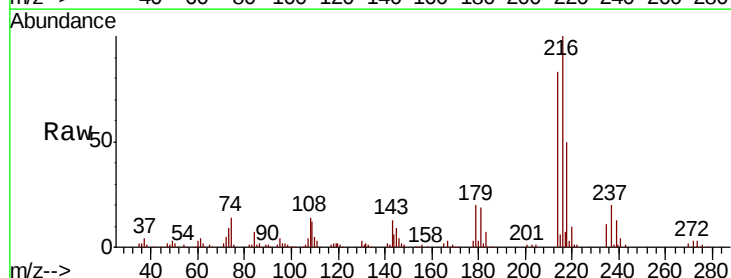
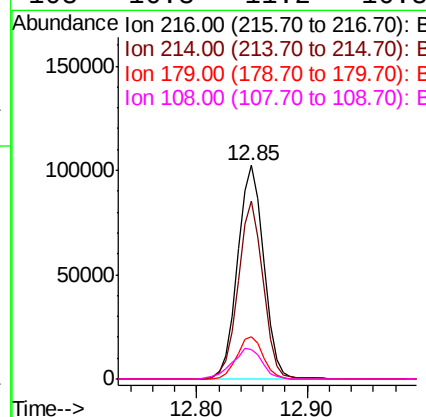
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#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.396 ng  
RT: 12.85 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.4  | 63.5  | 95.3  |
| 179     | 19.7  | 16.2  | 24.2  |
| 108     | 16.3  | 11.2  | 16.8  |





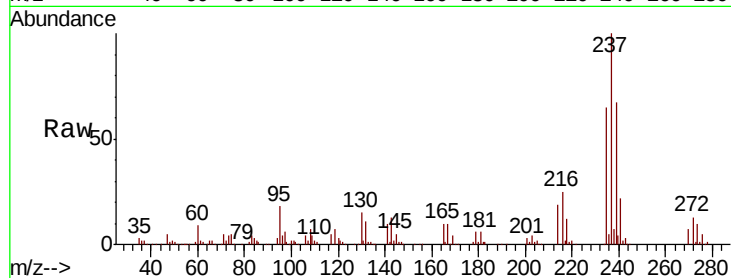
#41  
Hexachlorocyclopentadiene  
Concen: 81.168 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 189876 |       |       |
| 235     | 65.4  | 40.3   | 80.3  |       |
| 272     | 13.3  | 0.0    | 32.9  |       |

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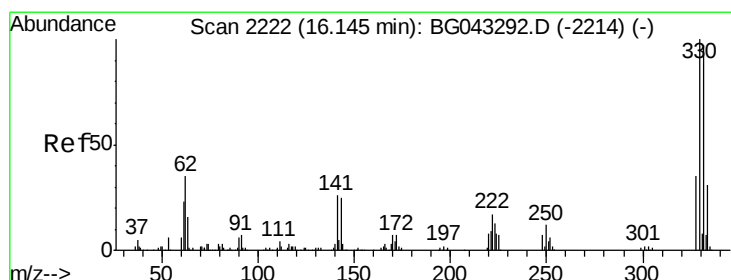
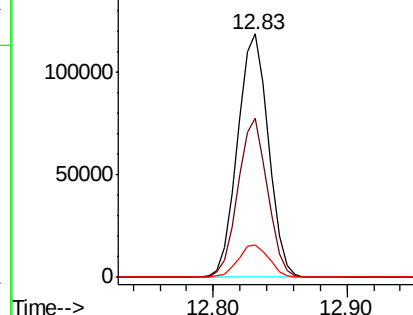
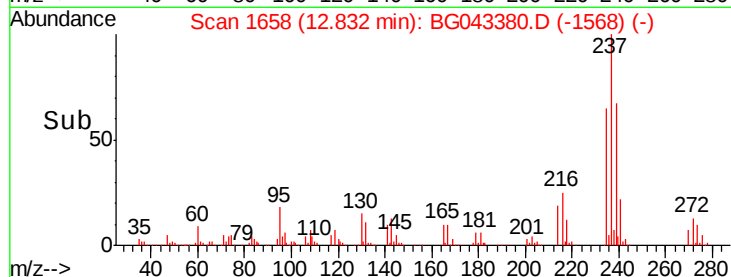


Abundance

Ion 236.80 (236.50 to 237.50): E

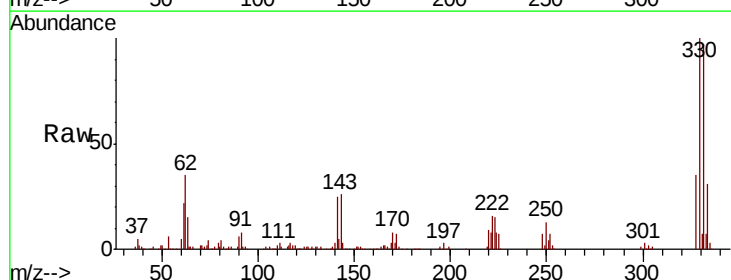
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42  
2,4,6-Tribromophenol  
Concen: 107.624 ng  
RT: 16.15 min Scan# 2222  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 246446 |       |       |
| 332     | 98.1  | 76.4   | 114.6 |       |
| 141     | 28.4  | 21.4   | 32.0  |       |

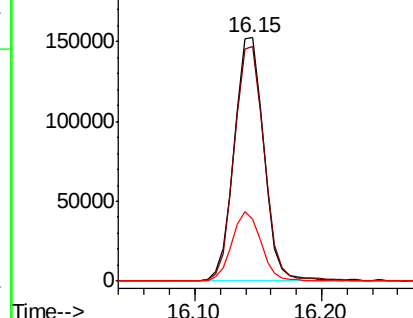
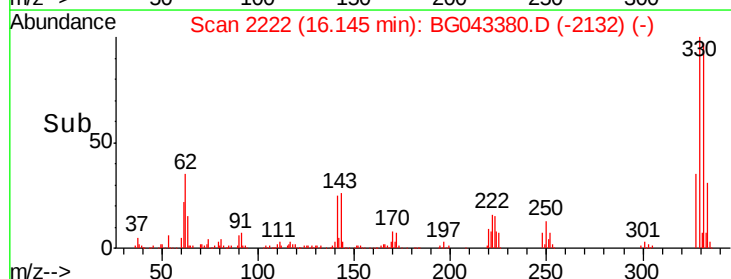


Abundance

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





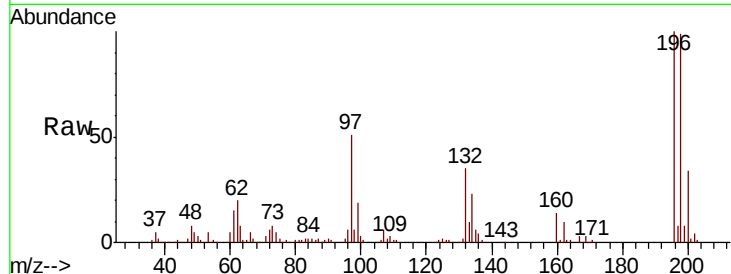
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.074 ng  
 RT: 13.10 min Scan# 1703  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 110340 |       |       |
| 198     | 99.0  | 77.0   | 115.4 |       |
| 200     | 33.8  | 27.4   | 41.2  |       |

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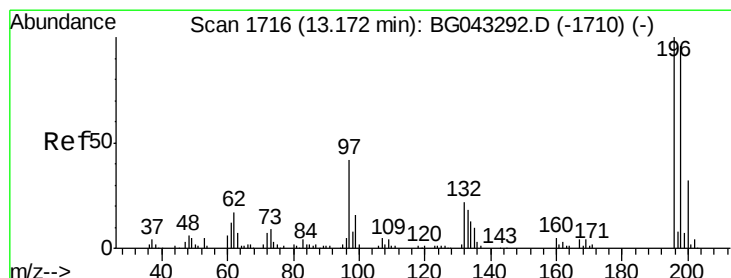
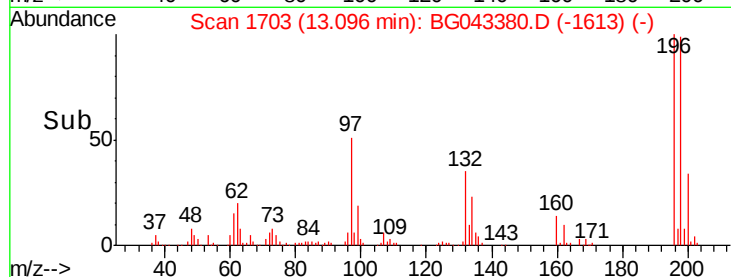
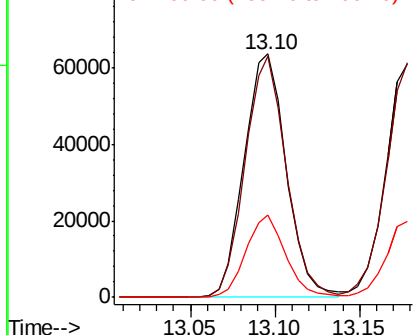


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 44.984 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. 0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 119269 |       |       |
| 198     | 100.7 | 76.6   | 114.8 |       |
| 97      | 43.8  | 34.1   | 51.1  |       |
| 132     | 22.7  | 18.2   | 27.4  |       |

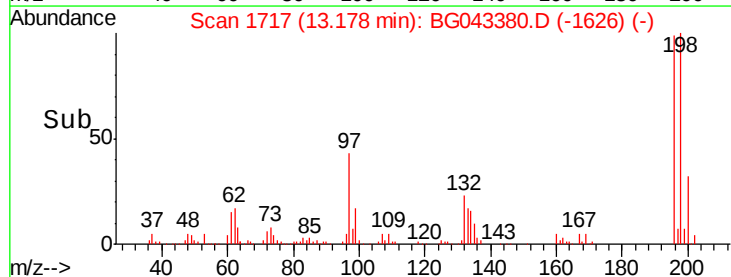
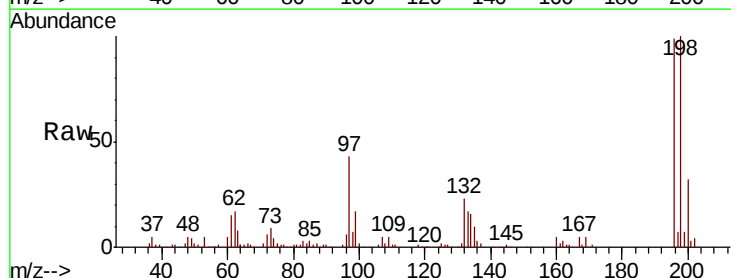
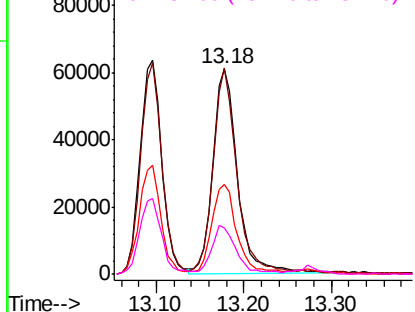
Abundance

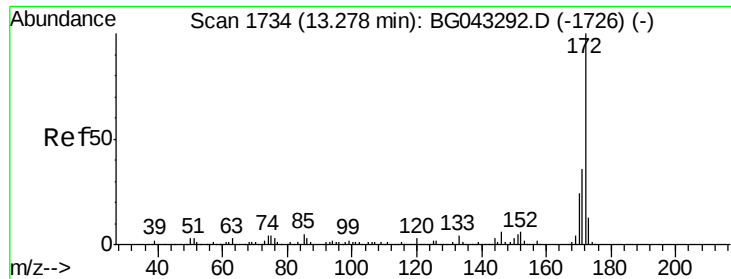
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





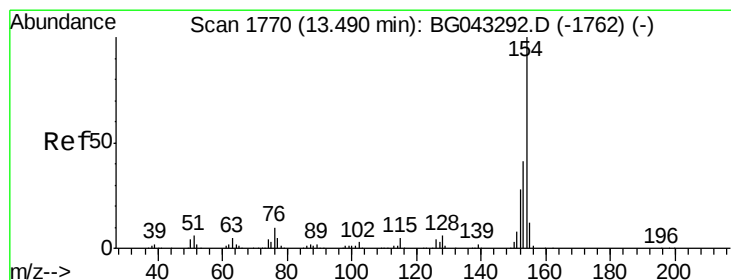
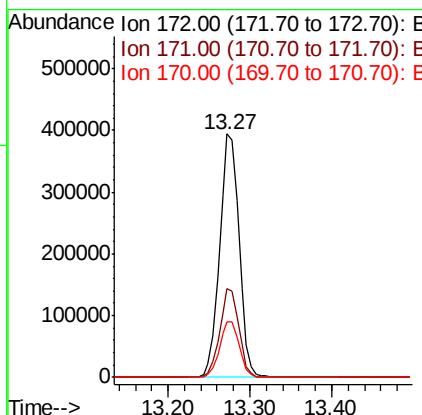
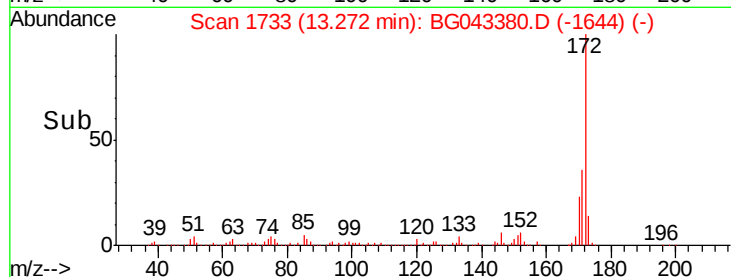
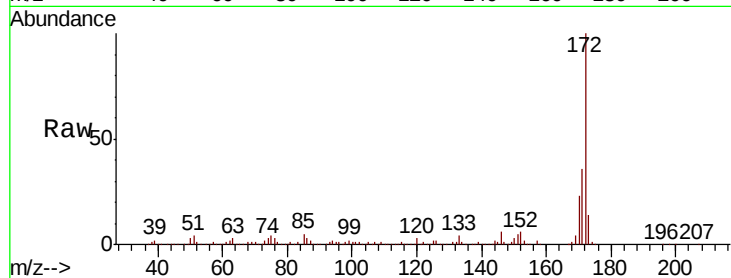
#45  
2-Fluorobiphenyl  
Concen: 74.996 ng  
RT: 13.27 min Scan# 1733  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 28.5  | 42.7  |
| 170     | 22.6  | 18.8  | 28.2  |

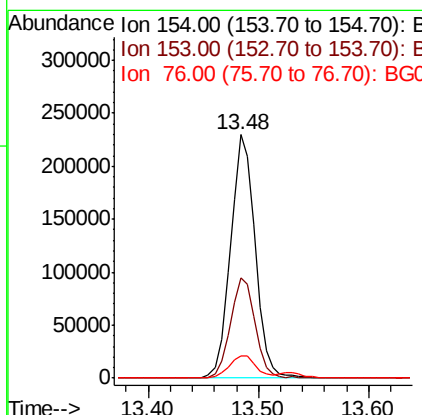
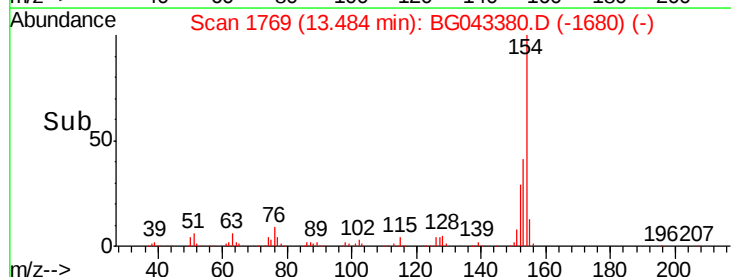
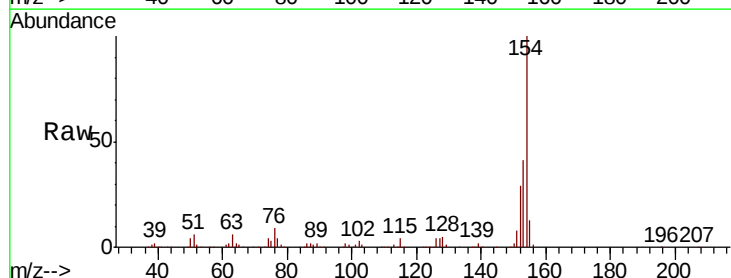
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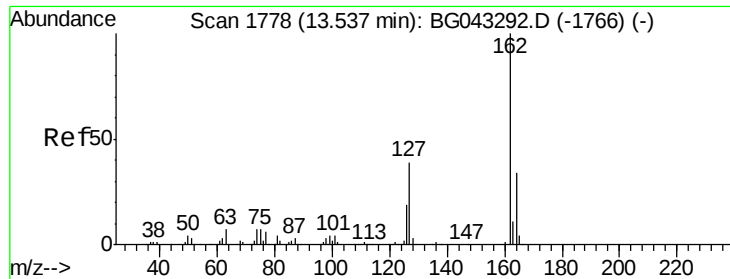
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#46  
1,1'-Biphenyl  
Concen: 39.264 ng  
RT: 13.48 min Scan# 1769  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 21.0  | 61.0  |
| 76      | 9.3   | 0.0   | 29.8  |





#47

2-Chloronaphthalene

Concen: 39.478 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

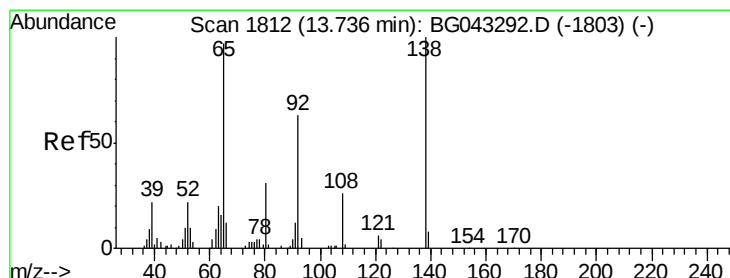
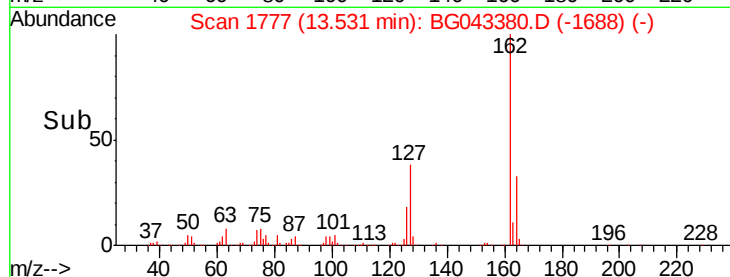
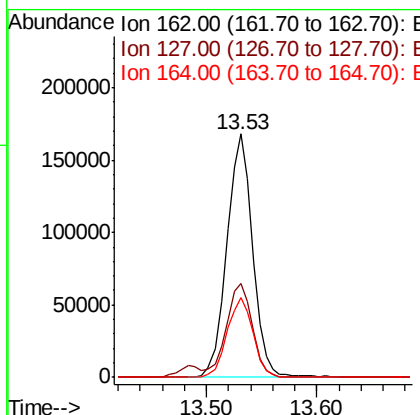
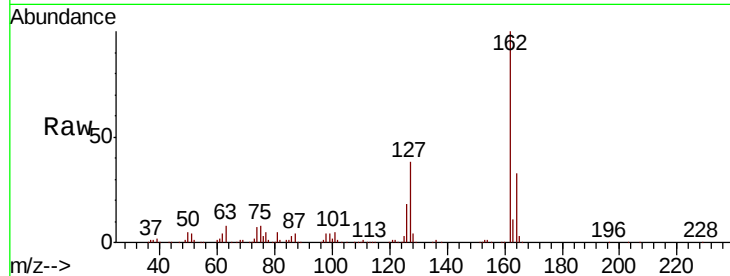
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 274965 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.4  | 31.3  | 46.9   |
| 164       | 32.9  | 26.8  | 40.2   |

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#48

2-Nitroaniline

Concen: 39.296 ng

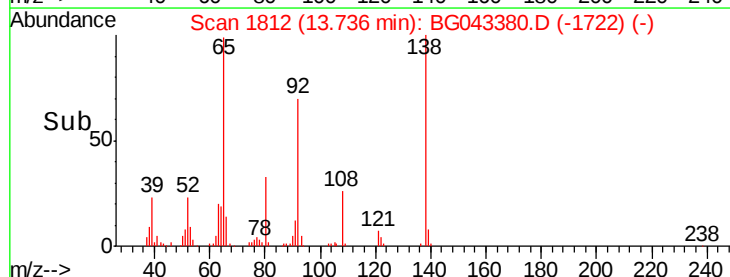
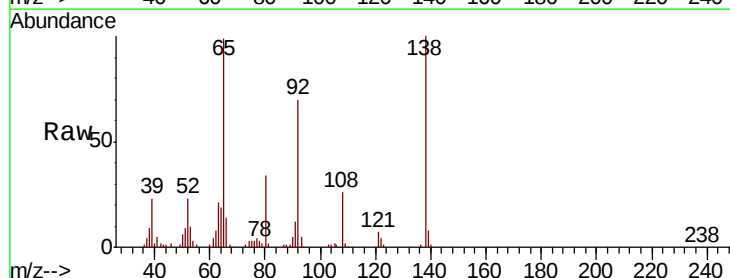
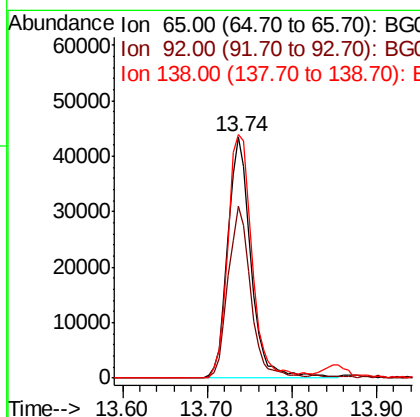
RT: 13.74 min Scan# 1812

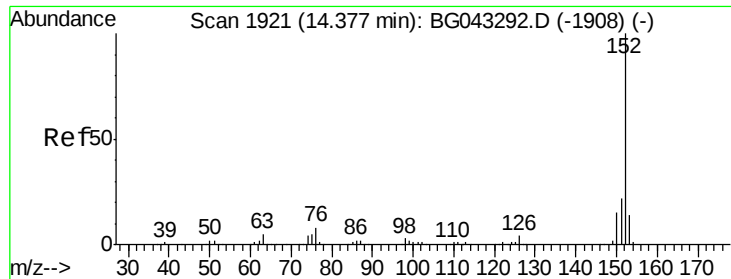
Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 81803 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 71.1  | 52.6  | 79.0  |
| 138       | 100.9 | 82.9  | 124.3 |





#49

Acenaphthylene

Concen: 41.064 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

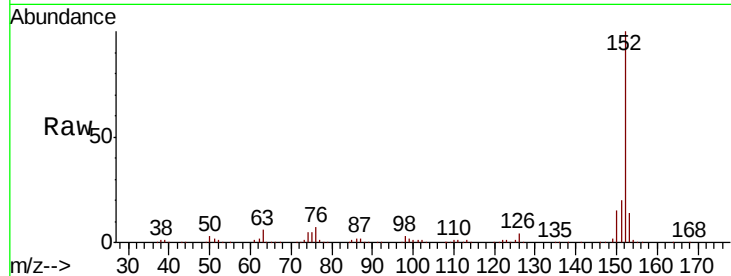
ClientSampleId :

CSA-2-1-1MSD

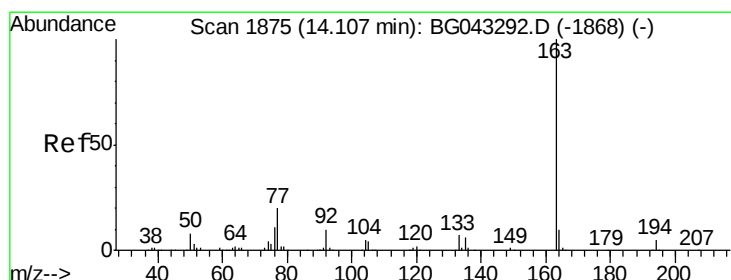
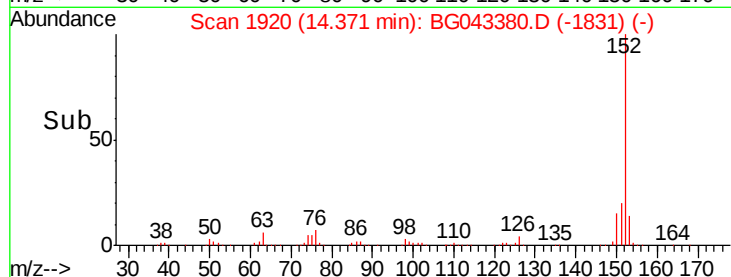
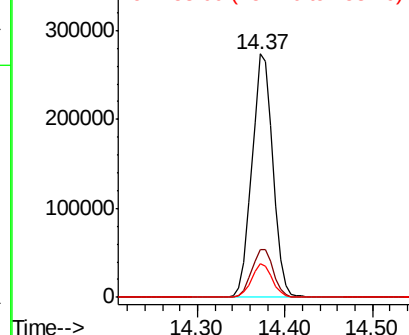
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 445138 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.9  | 17.2  | 25.8   |
| 153       | 13.6  | 11.0  | 16.6   |

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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: 49.254 ng

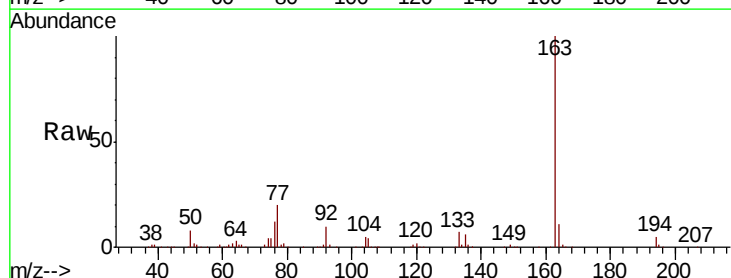
RT: 14.11 min Scan# 1875

Delta R.T. 0.00 min

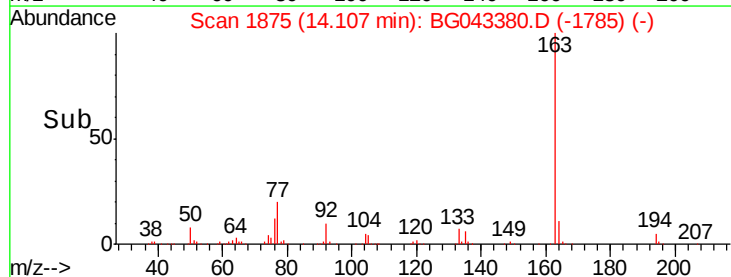
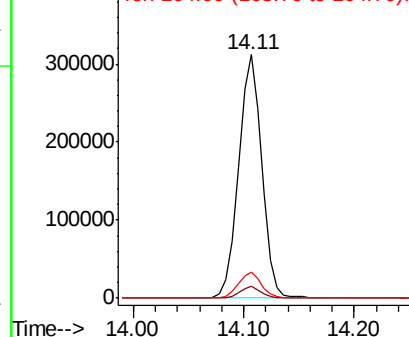
Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 459064 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.8   | 3.7   | 5.5    |
| 164       | 10.9  | 8.1   | 12.1   |



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





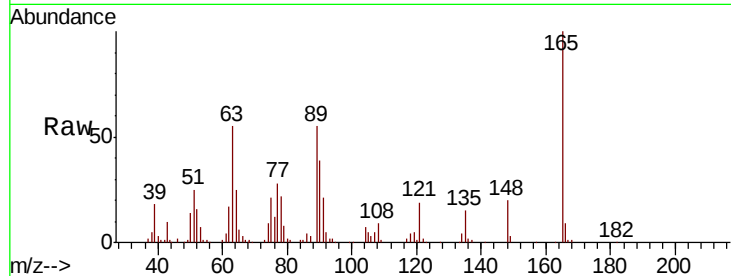
#51  
2,6-Dinitrotoluene  
Concen: 40.178 ng  
RT: 14.22 min Scan# 1895  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

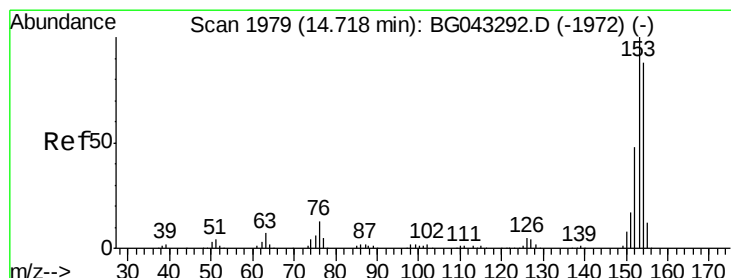
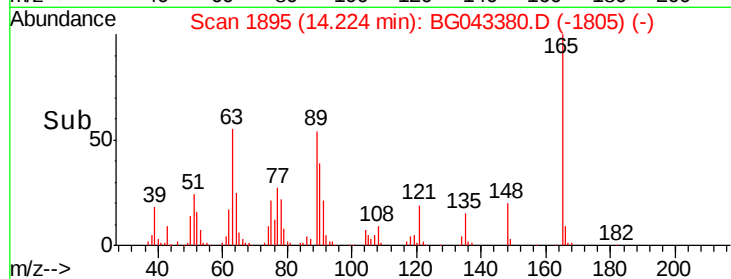
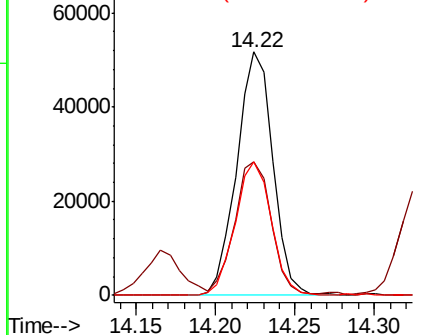
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.0  | 47.1  | 70.7  |
| 89      | 54.9  | 43.7  | 65.5  |

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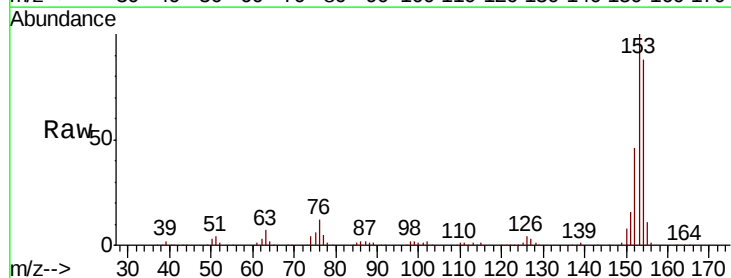


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGO  
Ion 89.00 (88.70 to 89.70): BGO

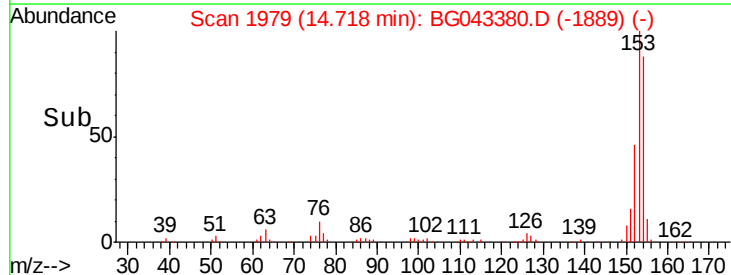
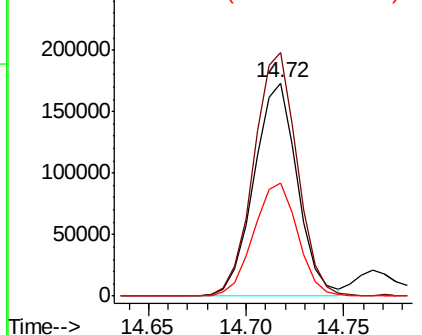


#52  
Acenaphthene  
Concen: 40.271 ng  
RT: 14.72 min Scan# 1979  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.0 | 90.9  | 136.3 |
| 152     | 52.9  | 43.9  | 65.9  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 12.890 ng

RT: 14.56 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

ClientSampleId :

CSA-2-1-1MSD

Tot Ion:138 Resp: 25200

Ion Ratio Lower Upper

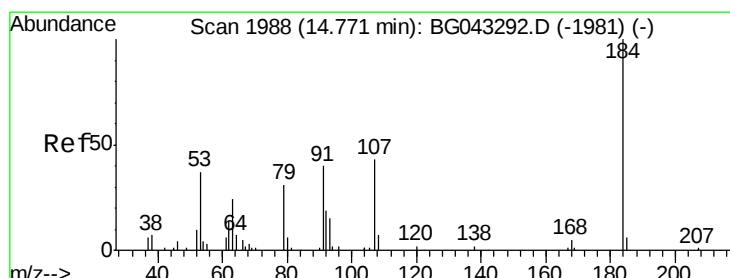
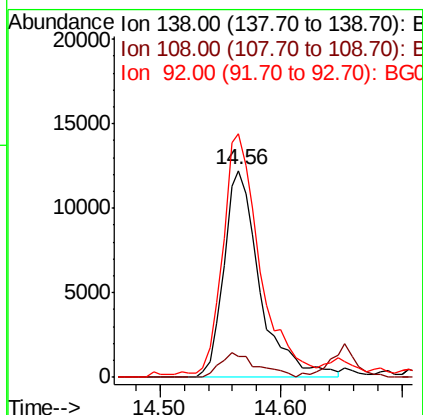
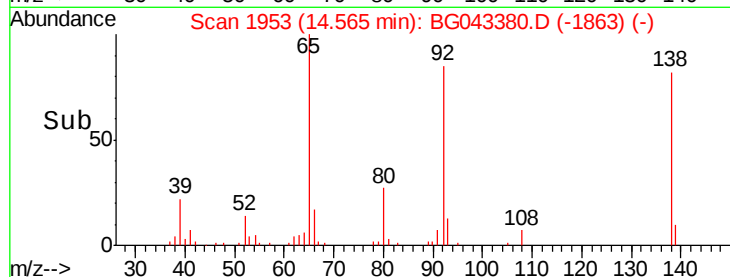
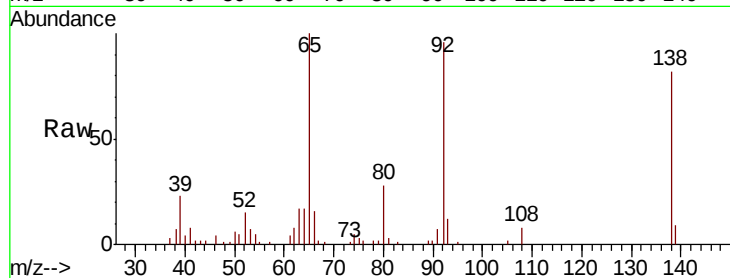
138 100

108 10.3 9.8 14.6

92 117.7 95.8 143.6

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#54

2,4-Dinitrophenol

Concen: 46.844 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

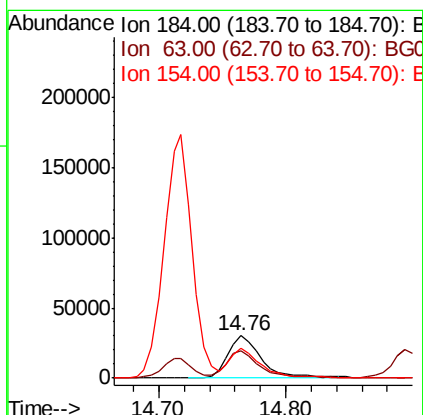
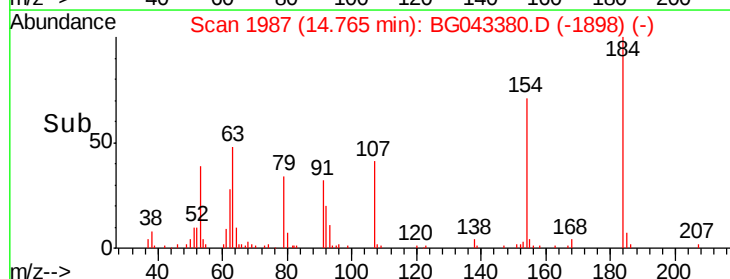
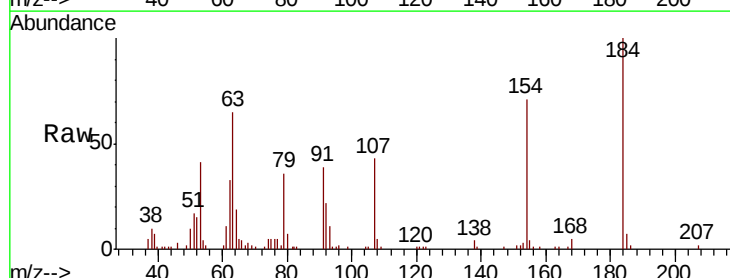
Tgt Ion:184 Resp: 55031

Ion Ratio Lower Upper

184 100

63 64.8 48.8 73.2

154 71.3 49.4 74.0





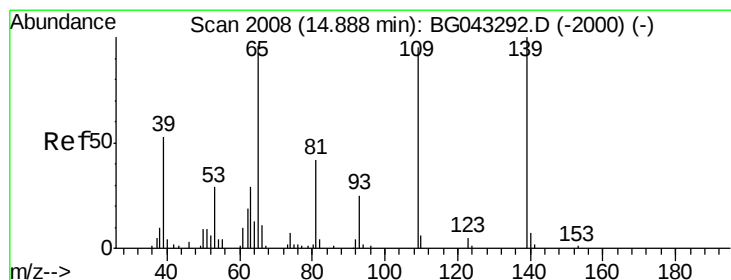
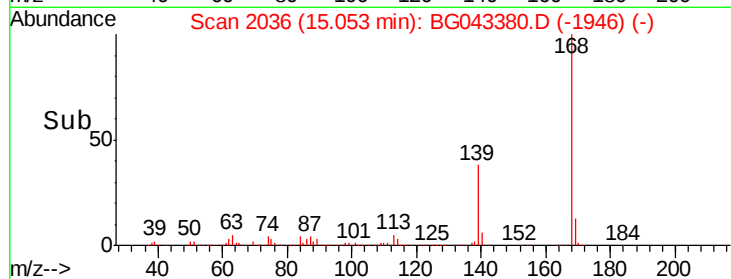
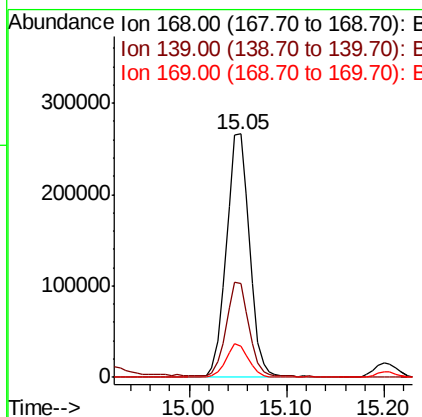
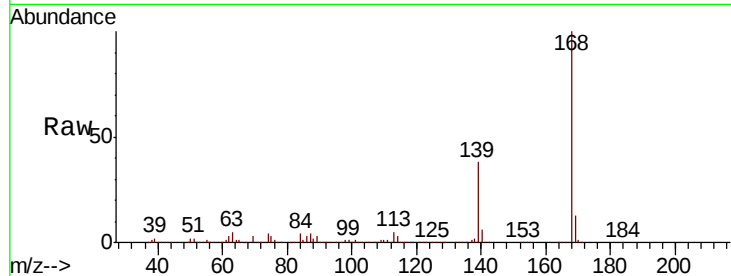
#55  
Dibenzenofuran  
Concen: 41.051 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 31.7  | 47.5  |
| 169     | 12.8  | 11.0  | 16.4  |

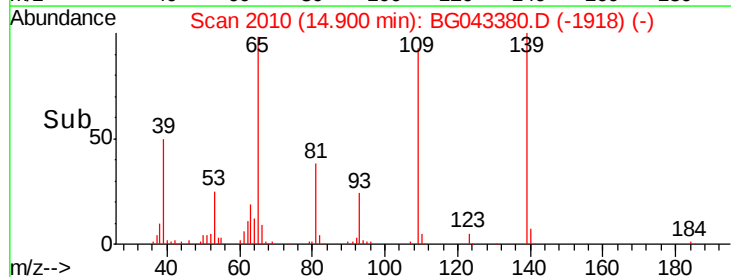
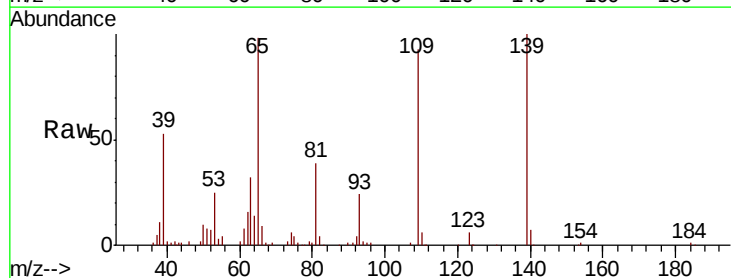
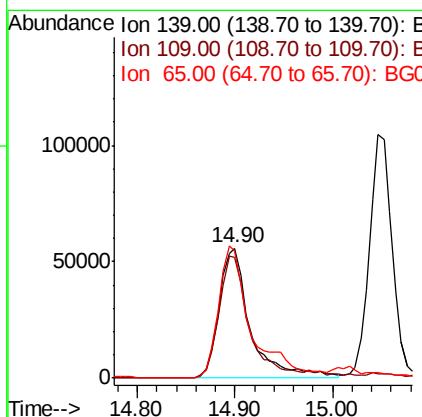
Manual Integrations  
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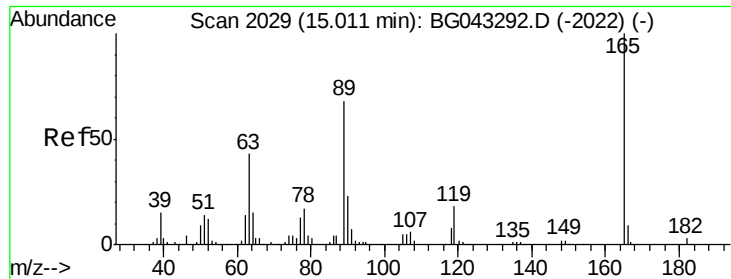
mohammad  
10/30/2019 4:54:32 PM



#56  
4-Nitrophenol  
Concen: 94.901 ng  
RT: 14.90 min Scan# 2010  
Delta R.T. 0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 93.2  | 75.4  | 115.4 |
| 65      | 98.0  | 76.6  | 116.6 |





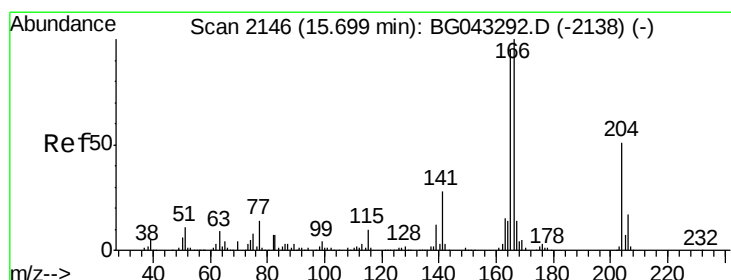
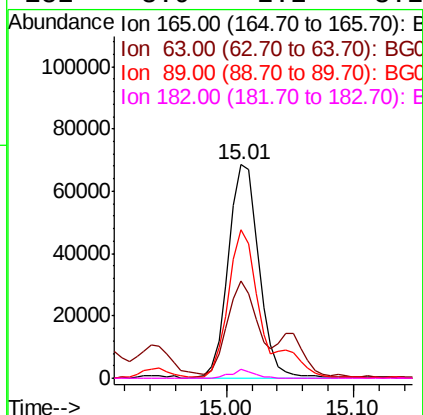
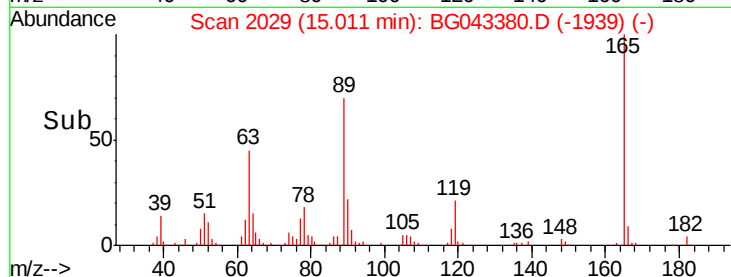
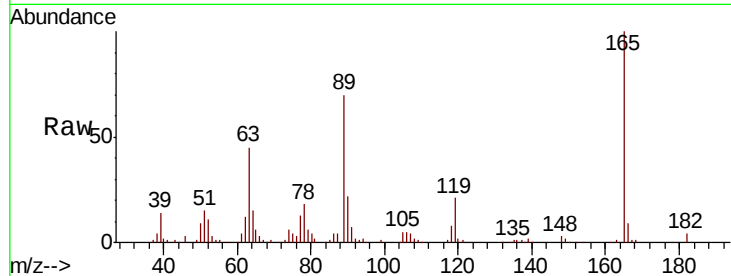
#57  
2,4-Dinitrotoluene  
Concen: 39.570 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 114505 |       |       |
| 63      | 45.5  | 35.0   | 52.6  |       |
| 89      | 69.5  | 54.1   | 81.1  |       |
| 182     | 3.9   | 2.2    | 3.2   |       |

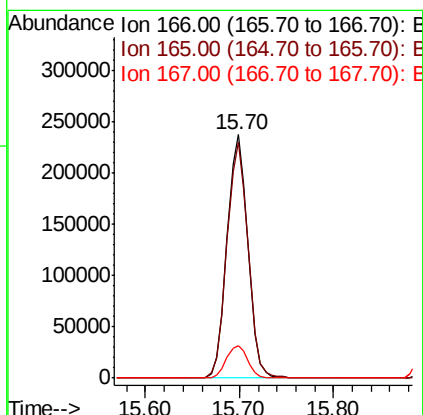
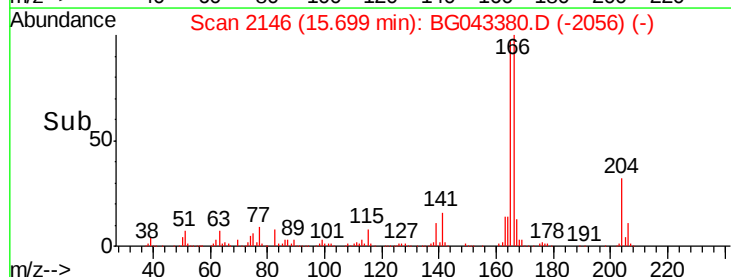
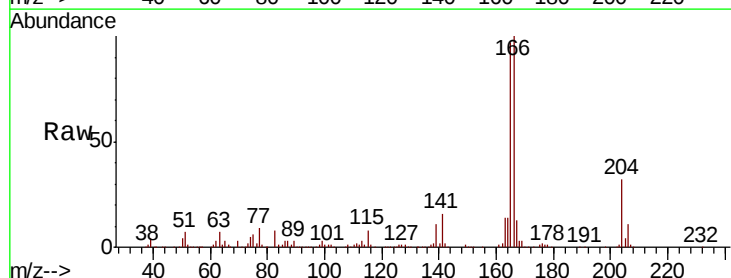
Manual Integrations  
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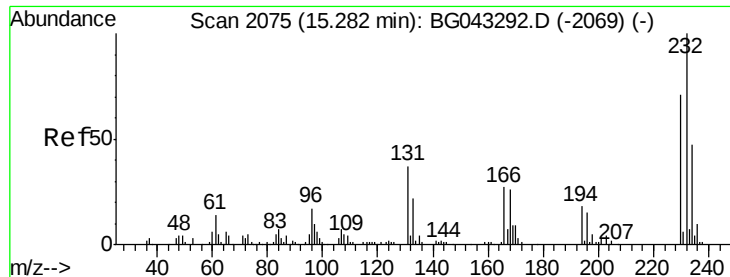
mohammad  
10/30/2019 4:54:32 PM



#58  
Fluorene  
Concen: 40.702 ng  
RT: 15.70 min Scan# 2146  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 365963 |       |       |
| 165     | 96.8  | 76.4   | 114.6 |       |
| 167     | 13.2  | 11.1   | 16.7  |       |





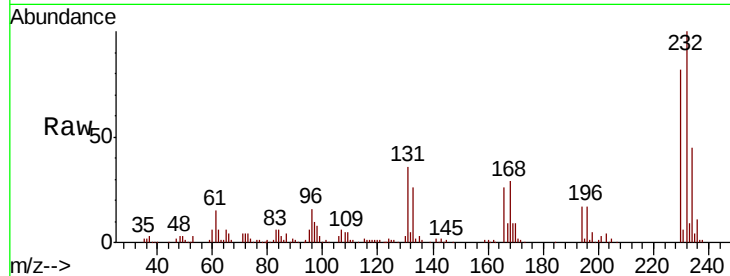
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.186 ng  
 RT: 15.28 min Scan# 2075  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 118836 |       |       |
| 131     | 37.9  |        | 28.7  | 43.1  |
| 130     | 2.6   |        | 0.6   | 0.8   |
| 166     | 28.1  |        | 21.1  | 31.7  |

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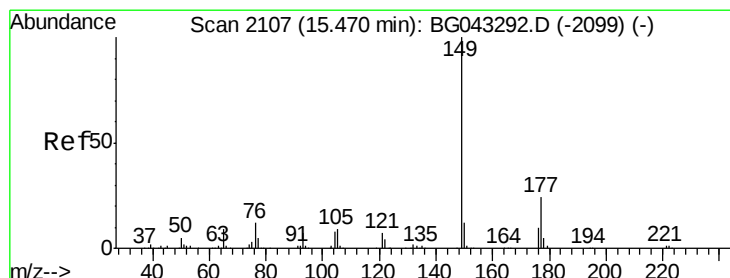
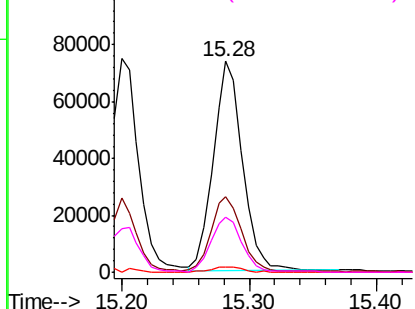
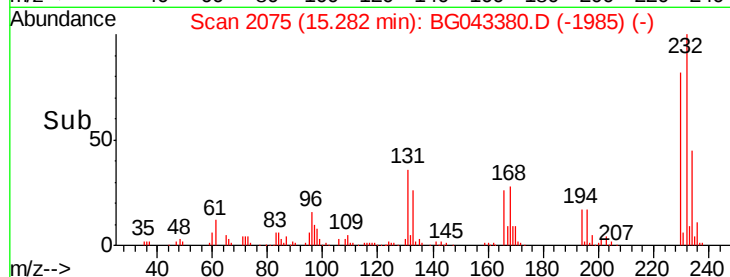
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

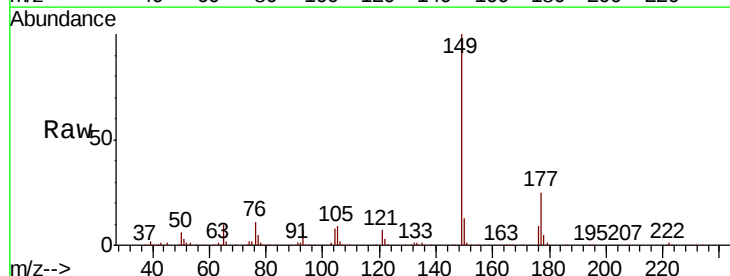
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.060 ng  
 RT: 15.46 min Scan# 2106  
 Delta R.T. -0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 356436 |       |       |
| 177     | 25.0  |        | 19.0  | 28.4  |
| 150     | 13.2  |        | 9.4   | 14.0  |

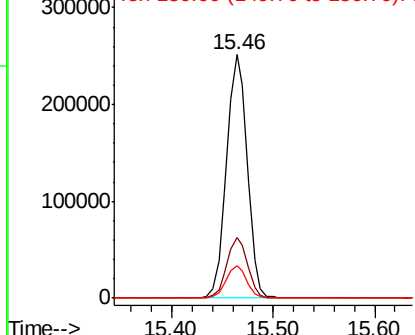
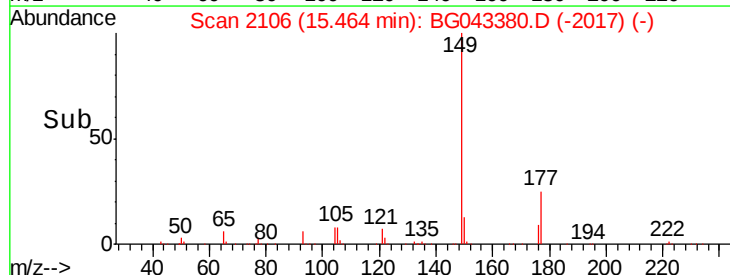


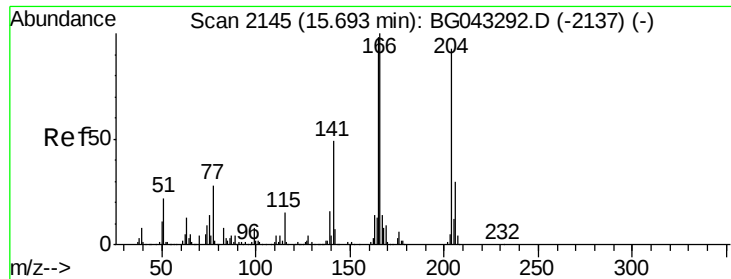
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





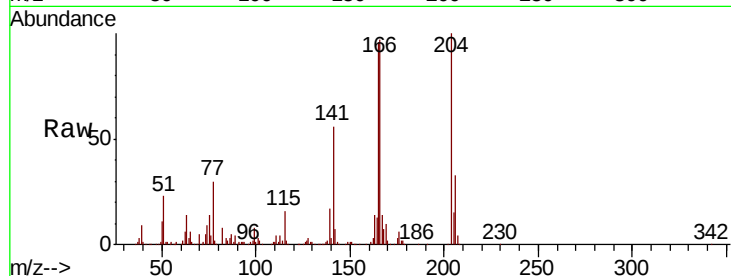
#61  
4-Chlorophenyl-phenylether  
Concen: 39.702 ng  
RT: 15.69 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.9  | 25.7  | 38.5  |
| 141     | 55.7  | 42.3  | 63.5  |

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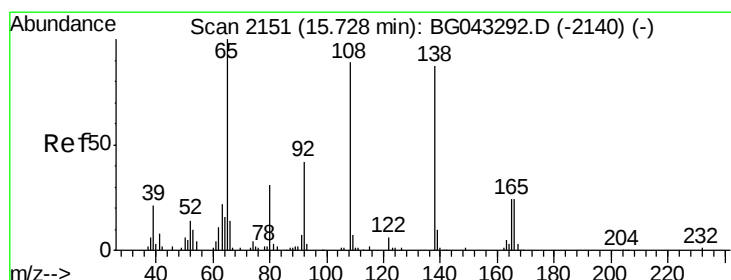
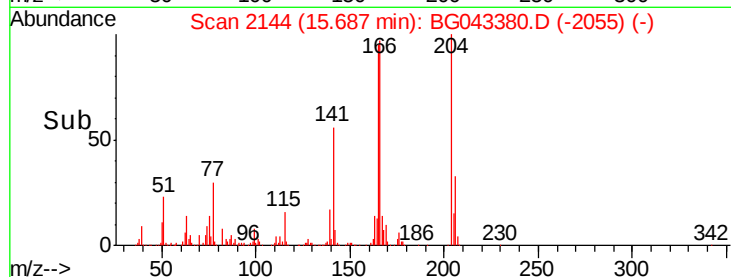
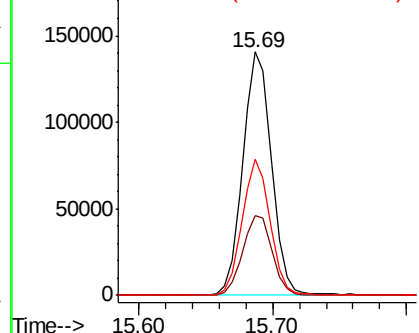


Abundance

Ion 204.00 (203.70 to 204.70): E

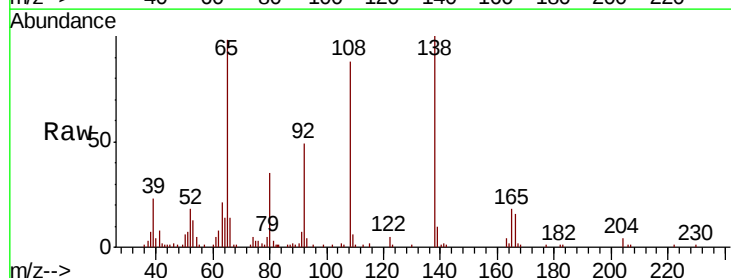
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 30.402 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 48.9  | 28.8  | 68.8  |
| 108     | 88.5  | 82.7  | 122.7 |

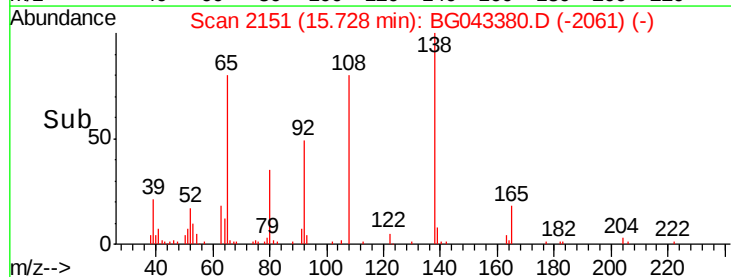
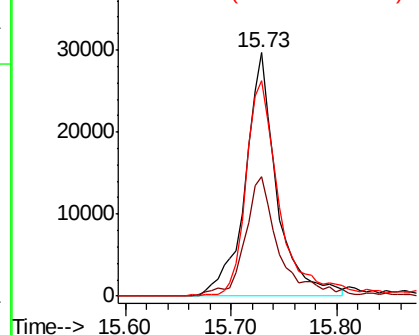


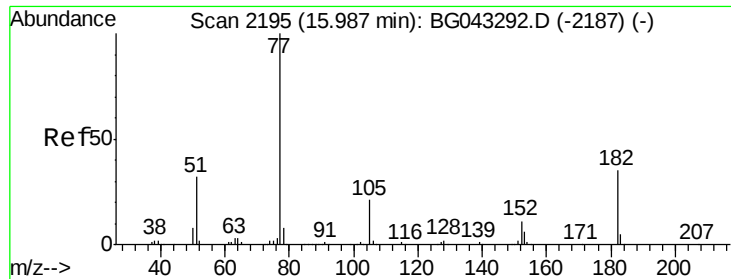
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





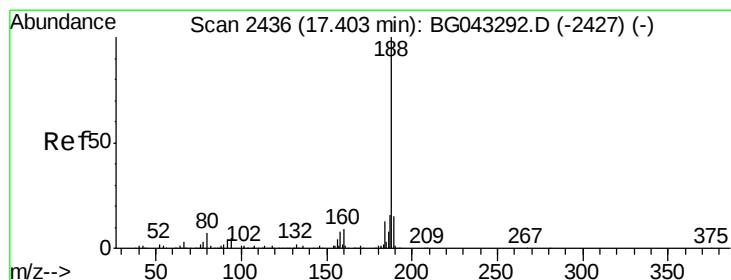
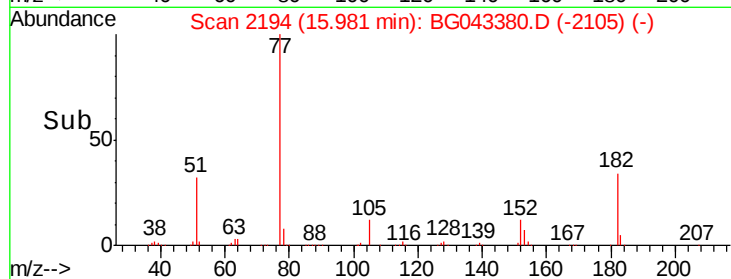
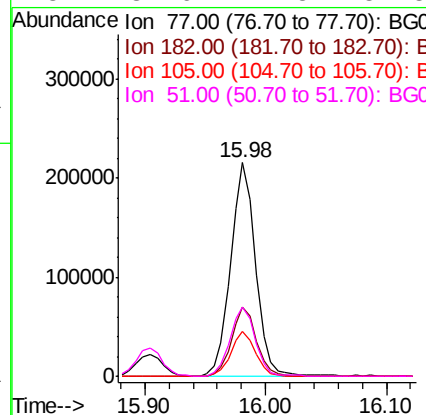
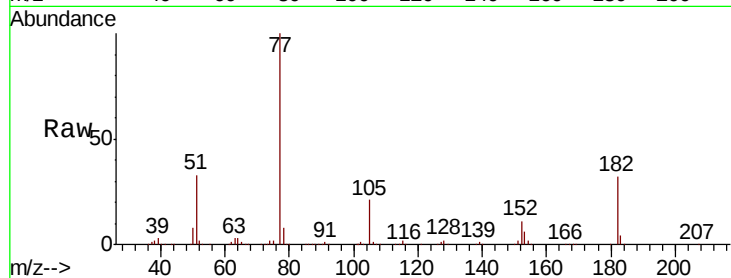
#63  
Azobenzene  
Concen: 40.471 ng  
RT: 15.98 min Scan# 2194  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 32.5 | 14.9  | 54.9  |       |
| 105     | 20.9 | 0.6   | 40.6  |       |
| 51      | 32.6 | 12.5  | 52.5  |       |

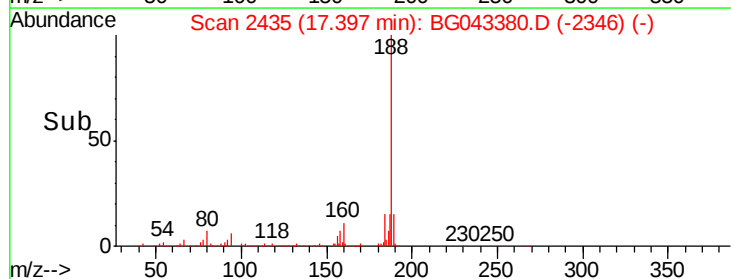
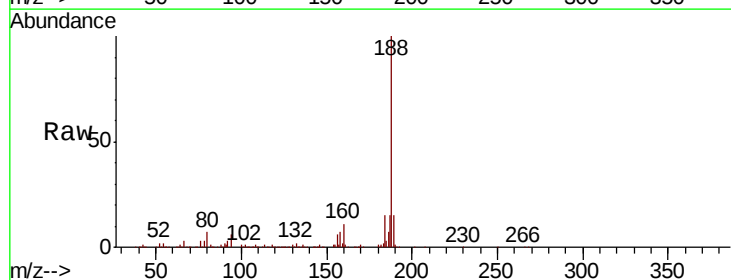
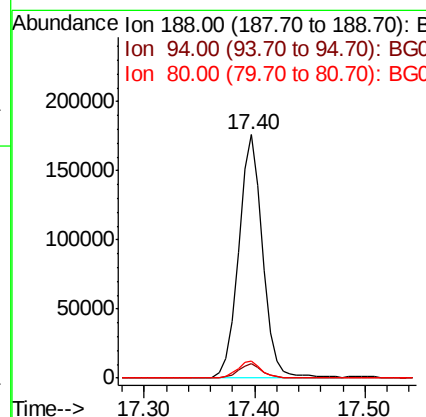
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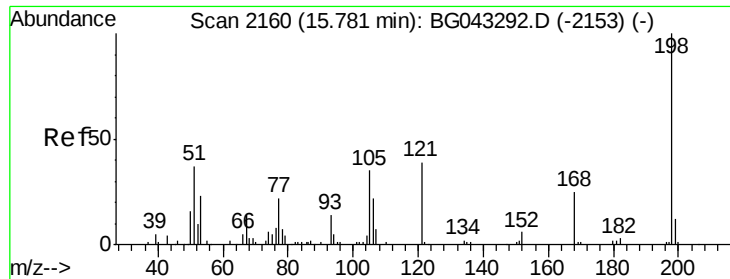
mohammad  
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 6.0 | 4.2   | 6.2   |       |
| 80      | 7.0 | 5.2   | 7.8   |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 32.197 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

ClientSampleId :

CSA-2-1-1MSD

Tot Ion:198 Resp: 50864

Ion Ratio Lower Upper

198 100

51 37.3 21.4 61.4

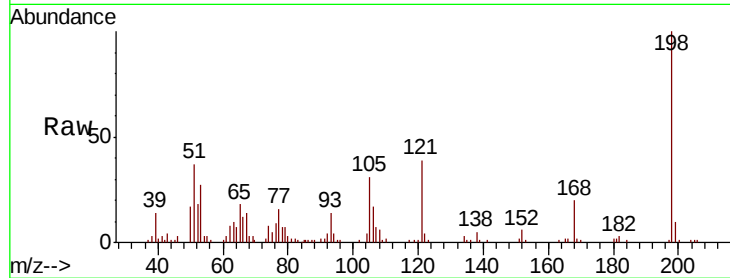
105 31.2 16.5 56.5

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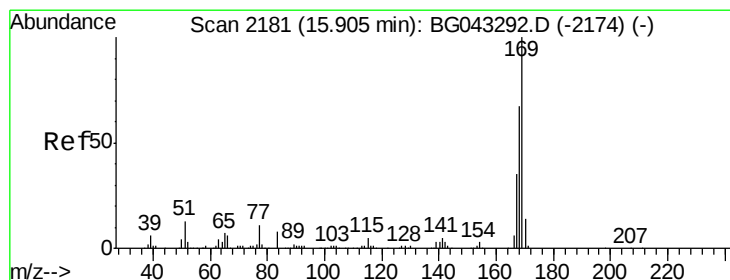
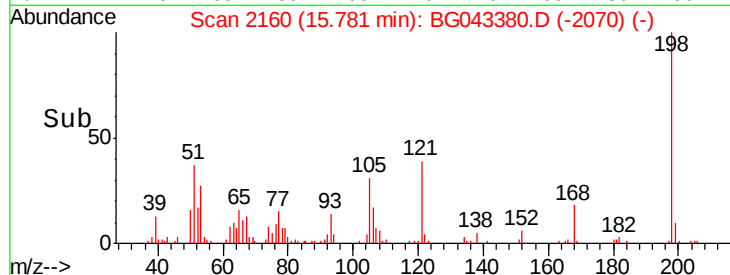
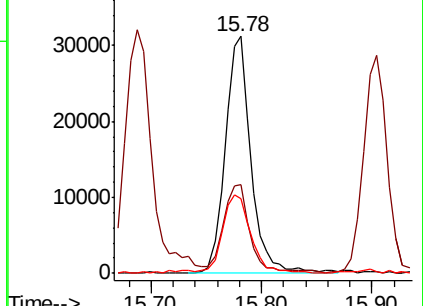
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.904 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

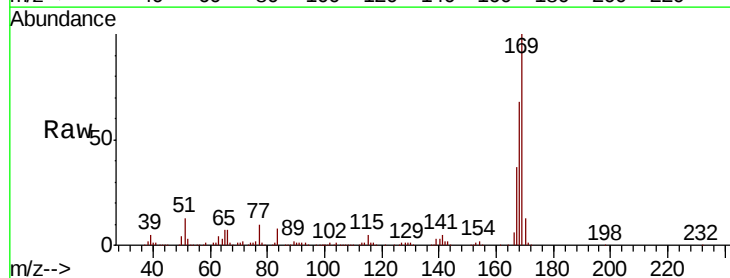
Tgt Ion:169 Resp: 325159

Ion Ratio Lower Upper

169 100

168 67.7 53.9 80.9

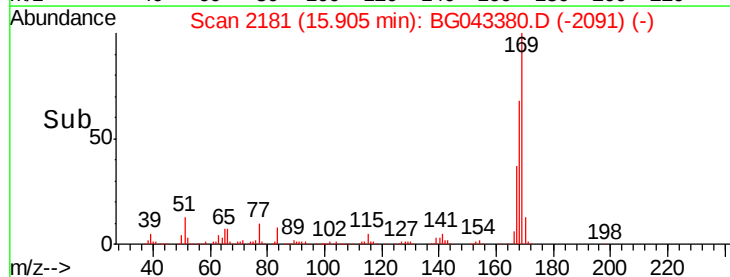
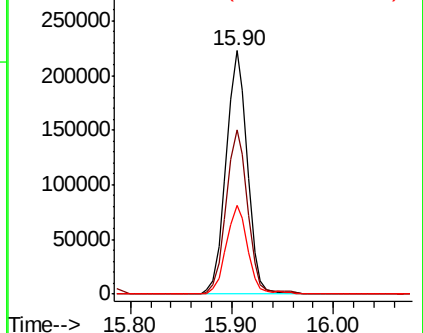
167 36.7 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 40.808 ng

RT: 16.58 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

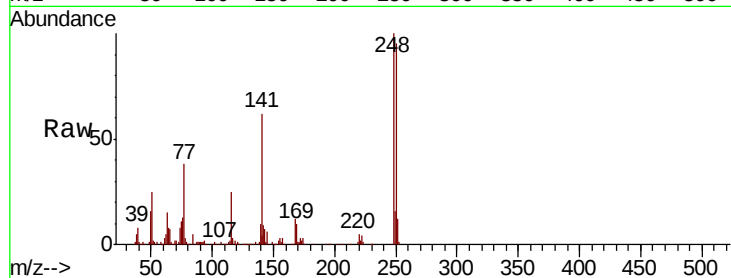
ClientSampleId :

CSA-2-1-1MSD

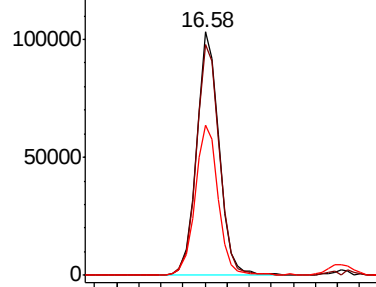
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 147423 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 94.9  | 79.3  | 118.9  |
| 141       | 61.6  | 47.9  | 71.9   |

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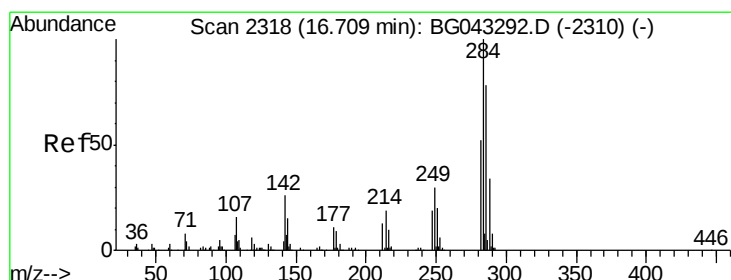
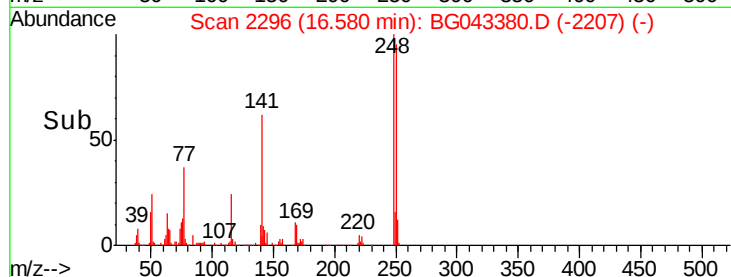
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Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E



Time-->



#68

Hexachlorobenzene

Concen: 39.982 ng

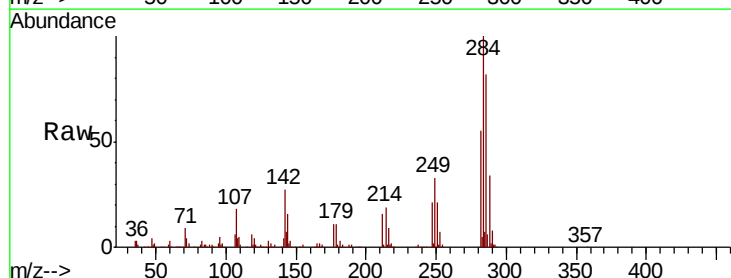
RT: 16.70 min Scan# 2317

Delta R.T. -0.01 min

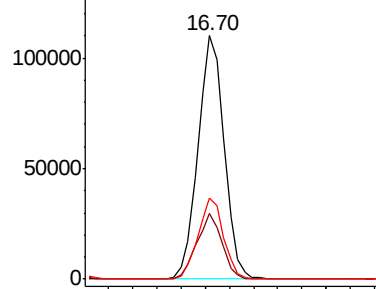
Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

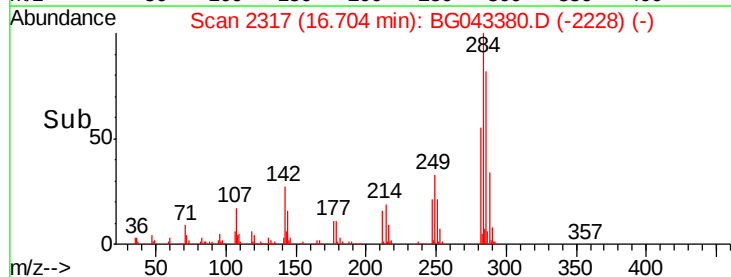
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 165798 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 27.0  | 21.1  | 31.7   |
| 249       | 33.3  | 24.4  | 36.6   |

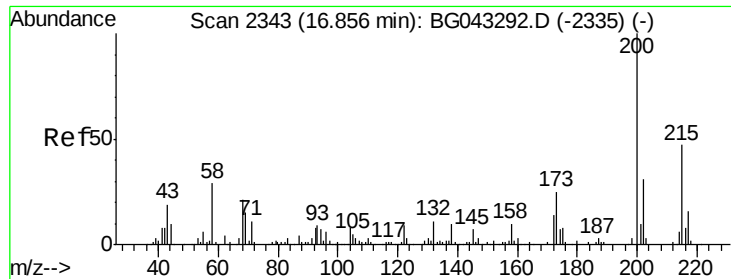


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



Time-->





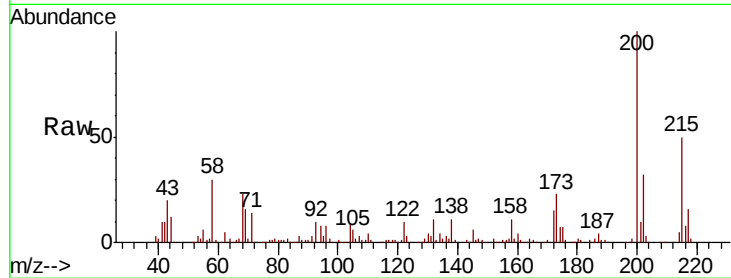
#69  
 Atrazine  
 Concen: 53.327 ng  
 RT: 16.85 min Scan# 2342  
 Delta R.T. -0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.0  | 5.1        | 45.1  |
| 215     | 50.2  | 26.6       | 66.6  |

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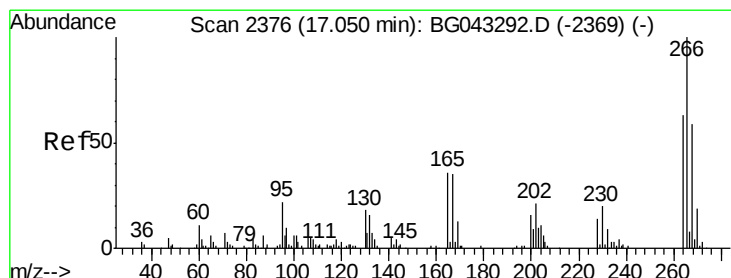
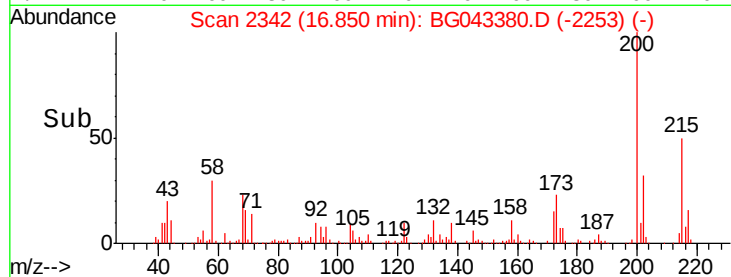
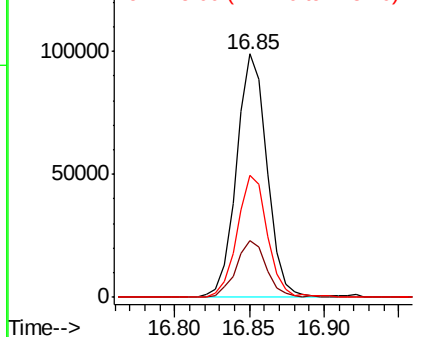


Abundance

Ion 200.00 (199.70 to 200.70): E

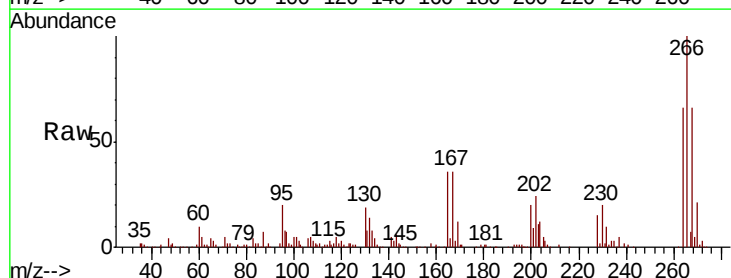
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
 Pentachlorophenol  
 Concen: 95.793 ng  
 RT: 17.06 min Scan# 2377  
 Delta R.T. 0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 65.7  | 47.1       | 70.7  |
| 264     | 66.2  | 50.4       | 75.6  |

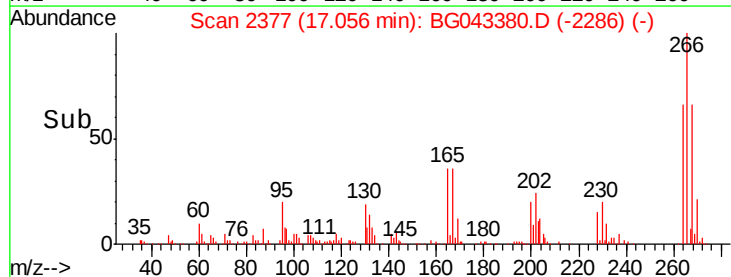
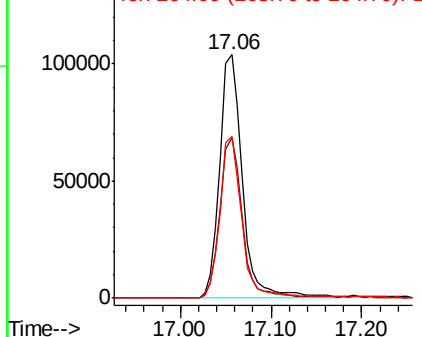


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





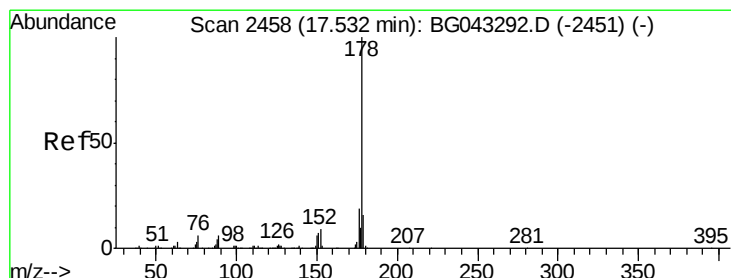
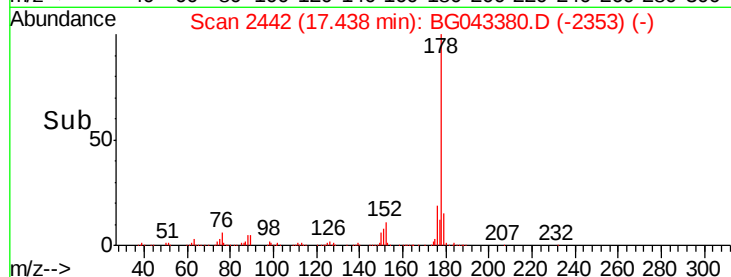
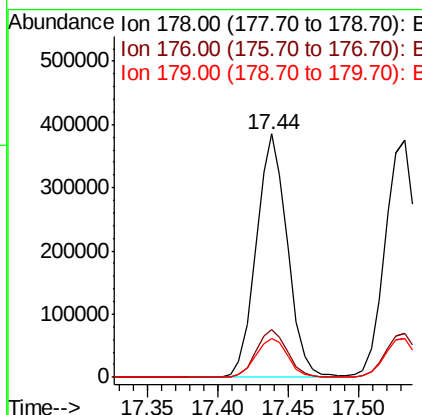
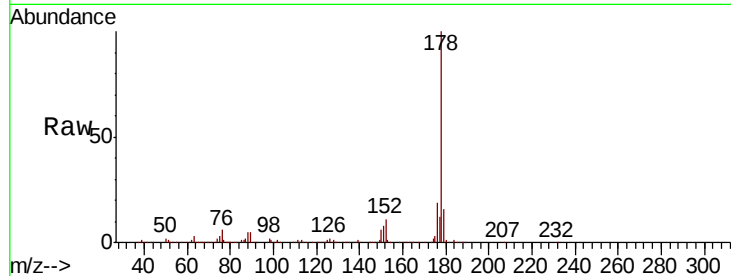
#71  
Phenanthrene  
Concen: 43.324 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.8  | 23.8  |
| 179     | 15.9  | 13.1  | 19.7  |

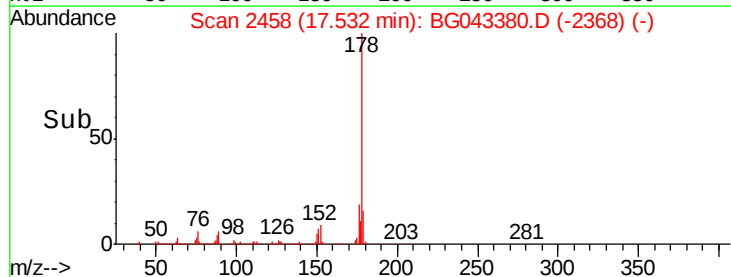
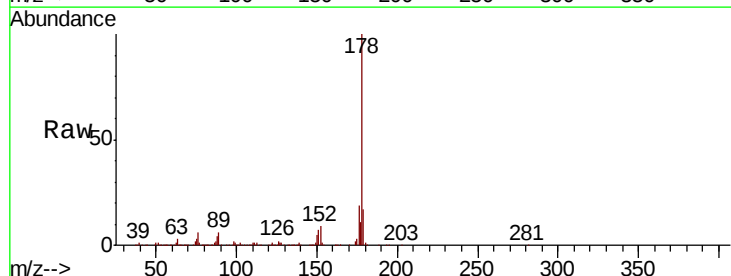
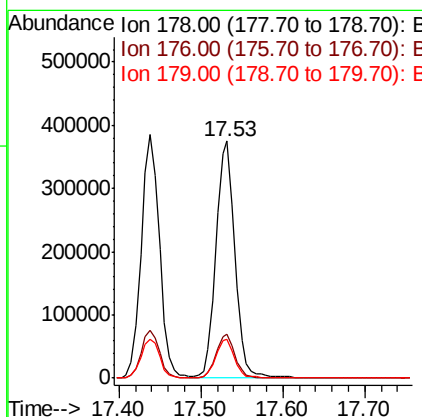
Manual Integrations  
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#72  
Anthracene  
Concen: 43.778 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. 0.00 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.1  | 22.7  |
| 179     | 16.6  | 13.0  | 19.6  |





#73

Carbazole

Concen: 42.756 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

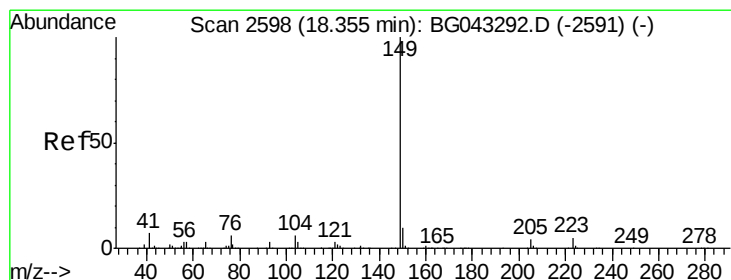
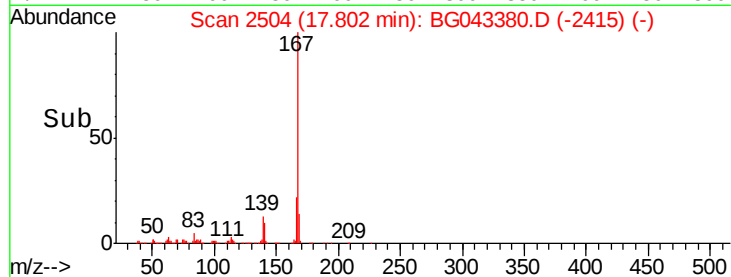
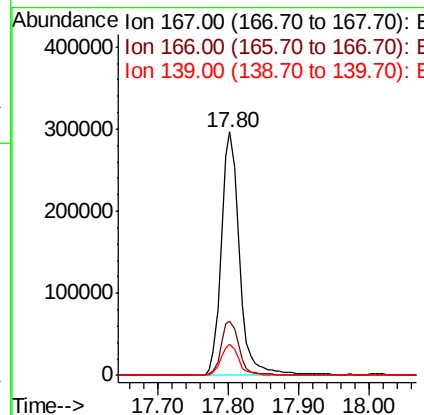
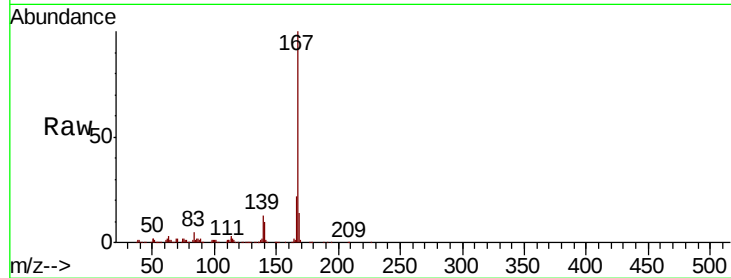
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 532503 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.4  | 18.4  | 27.6   |
| 139       | 12.7  | 10.2  | 15.4   |

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#74

Di-n-butylphthalate

Concen: 42.356 ng

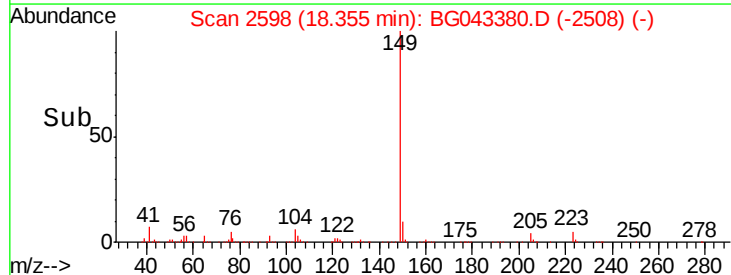
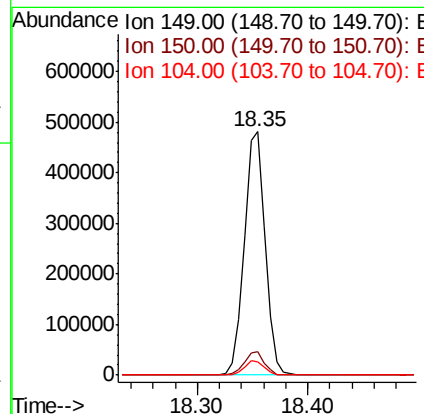
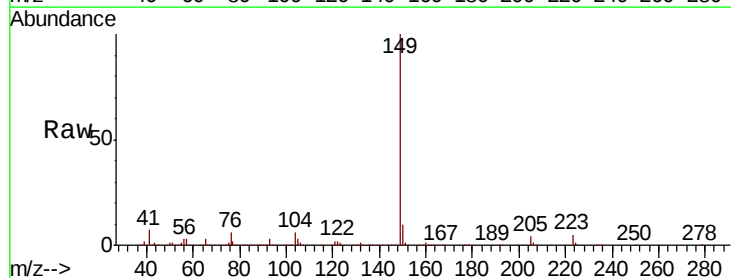
RT: 18.35 min Scan# 2598

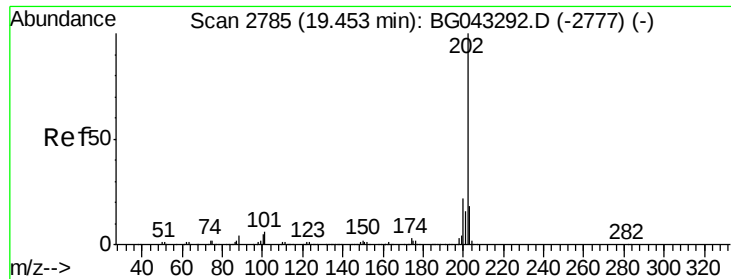
Delta R.T. 0.00 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 640084 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.8   | 8.0   | 12.0   |
| 104       | 5.5   | 4.7   | 7.1    |





#75

Fluoranthene

Concen: 44.690 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

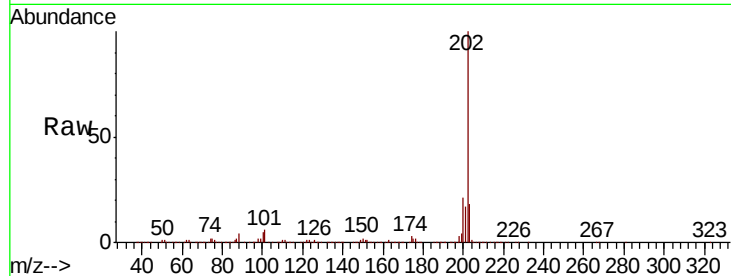
ClientSampleId :

CSA-2-1-1MSD

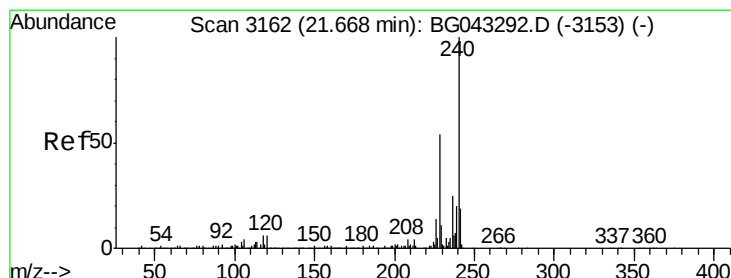
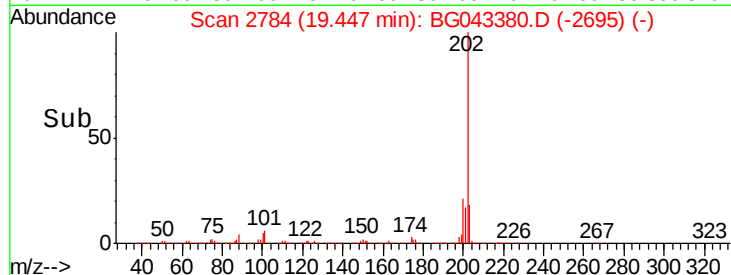
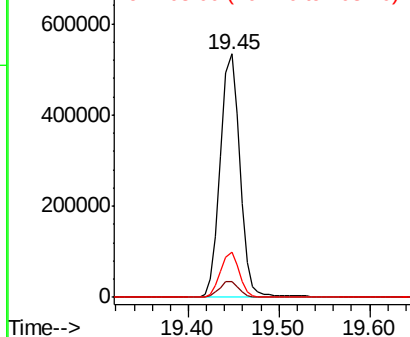
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 800869 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 101       | 6.4  | 0.0   | 26.0   |
| 203       | 18.4 | 0.0   | 38.2   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

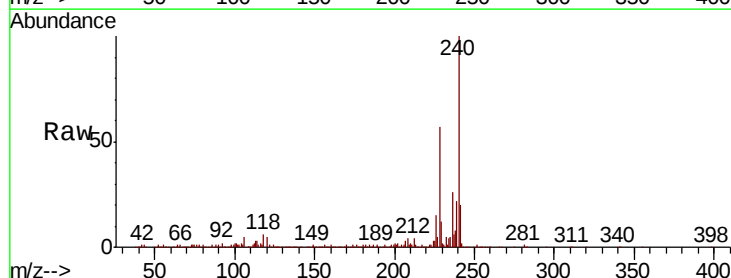
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

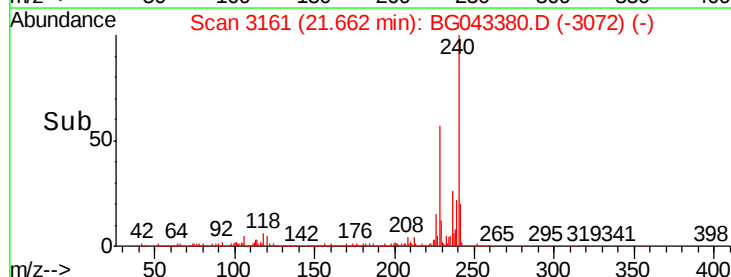
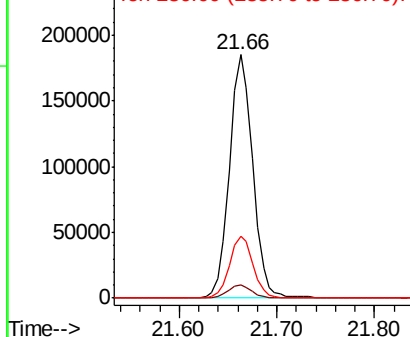
Lab File: BG043380.D

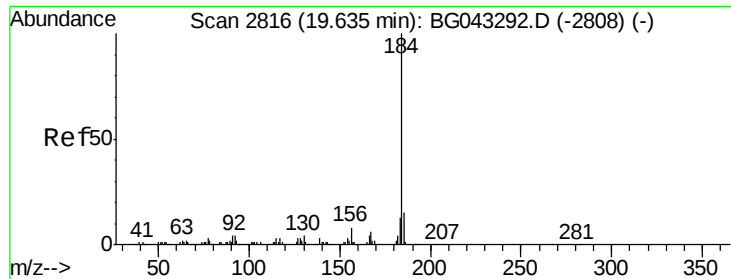
Acq: 29 Oct 2019 18:58

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 306549 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 5.4  | 4.6   | 7.0    |
| 236       | 25.6 | 20.2  | 30.4   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.135 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

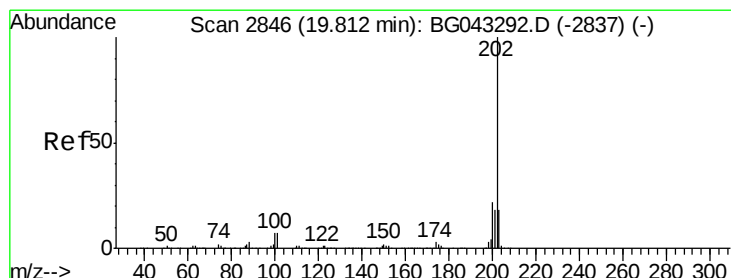
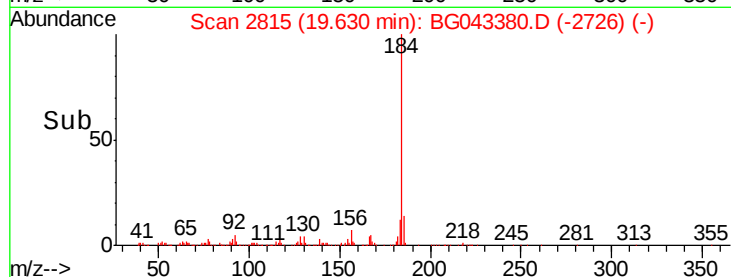
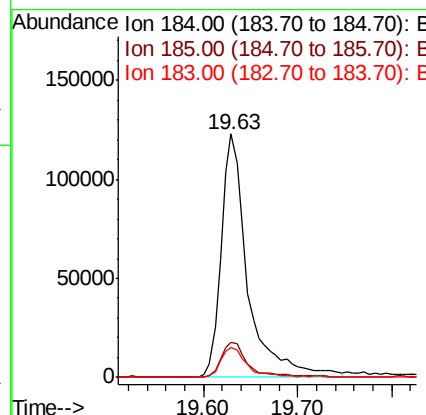
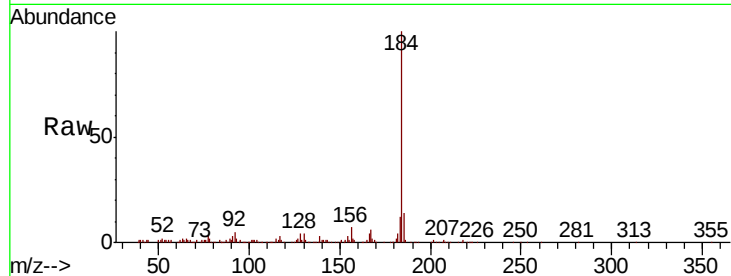
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 241437 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.2  | 11.8  | 17.6   |
| 183       | 12.1  | 10.6  | 16.0   |

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#78

Pyrene

Concen: 42.494 ng

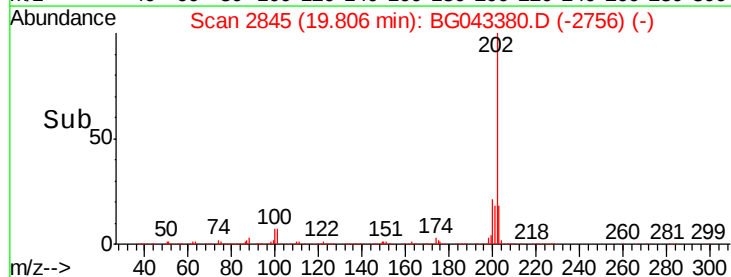
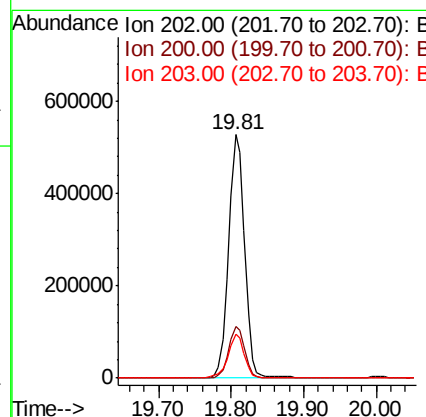
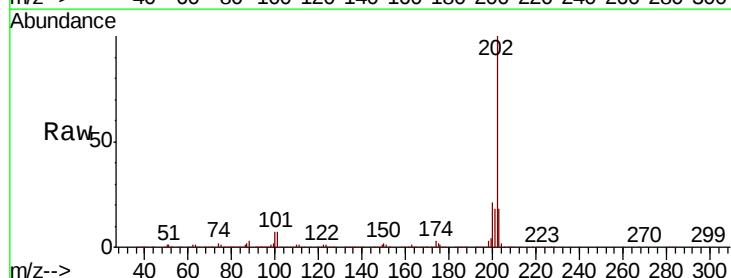
RT: 19.81 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 806325 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.4  | 17.3  | 25.9   |
| 203       | 17.9  | 14.5  | 21.7   |





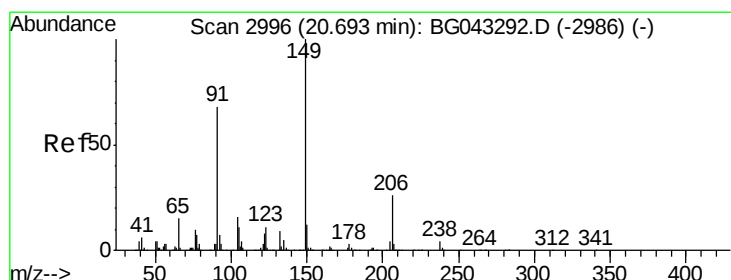
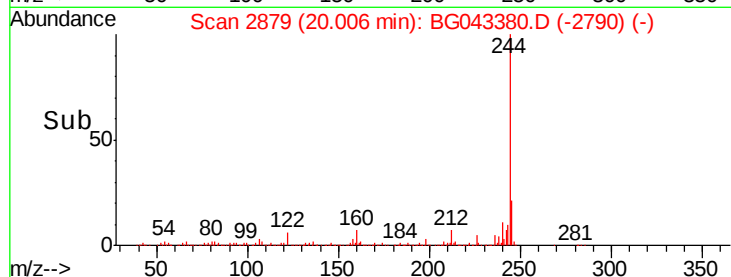
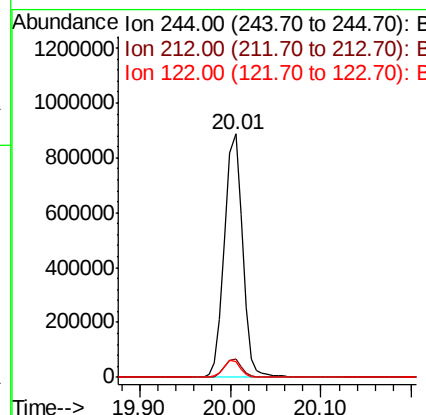
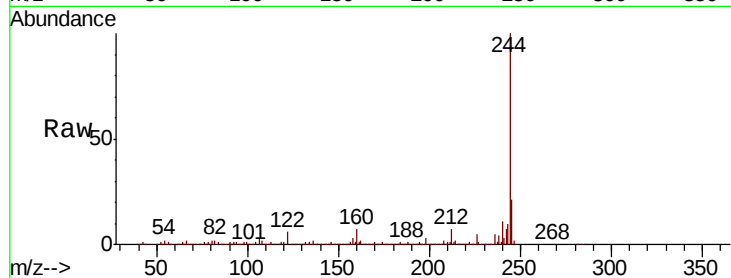
#79  
 Terphenyl-d14  
 Concen: 75.271 ng  
 RT: 20.01 min Scan# 2879  
 Delta R.T. -0.01 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 6.4   | 9.6   |
| 122     | 6.4   | 5.3   | 7.9   |

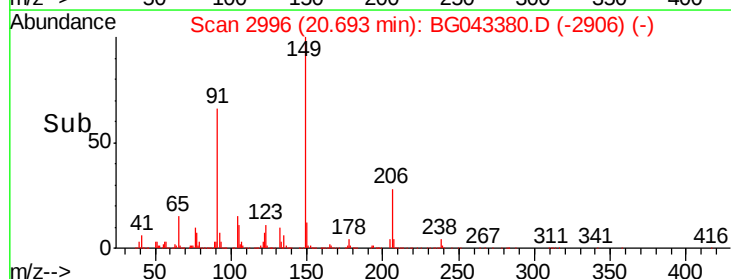
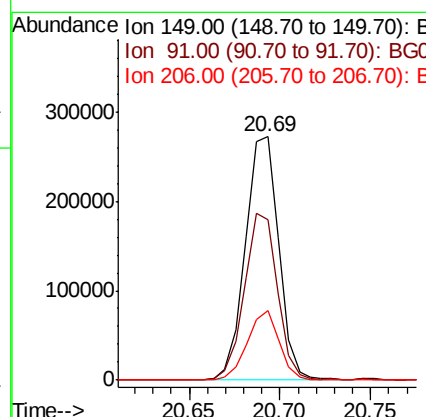
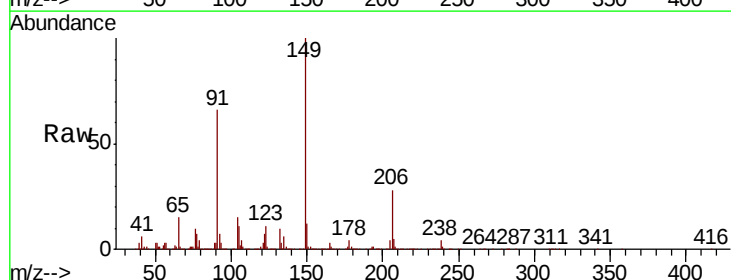
Manual Integrations  
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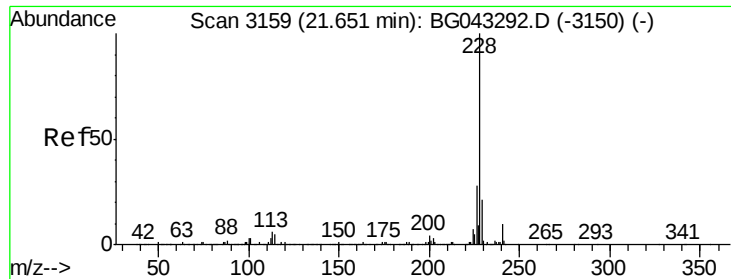
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#80  
 Butylbenzylphthalate  
 Concen: 48.497 ng  
 RT: 20.69 min Scan# 2996  
 Delta R.T. 0.00 min  
 Lab File: BG043380.D  
 Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 65.9  | 54.6  | 82.0  |
| 206     | 28.4  | 20.5  | 30.7  |





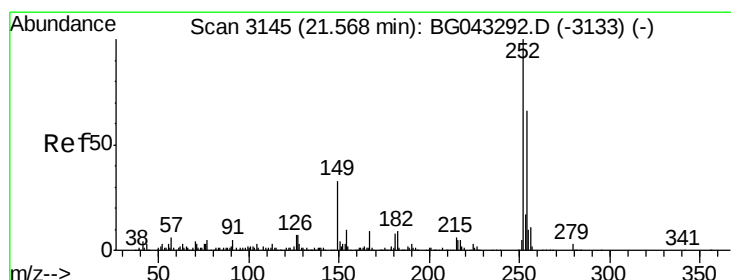
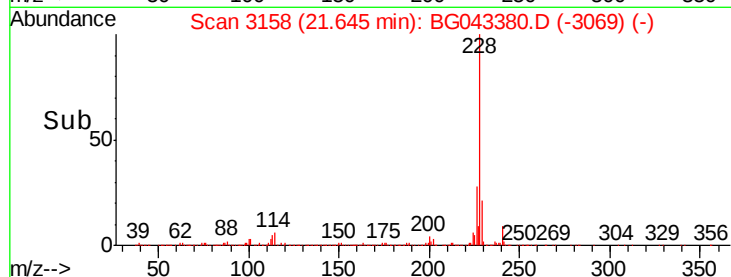
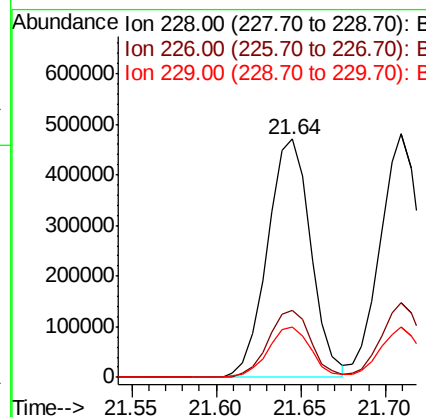
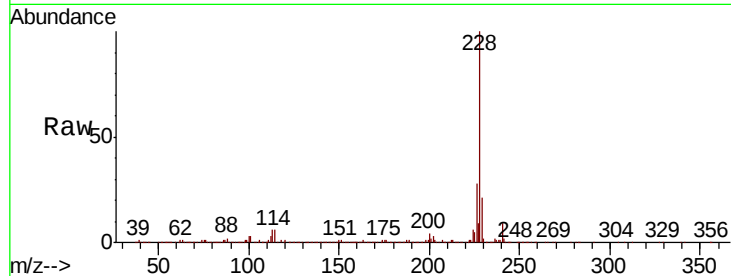
#81  
Benzo(a)anthracene  
Concen: 43.201 ng  
RT: 21.64 min Scan# 3158  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.9  | 22.2  | 33.4  |
| 229     | 20.9  | 16.9  | 25.3  |

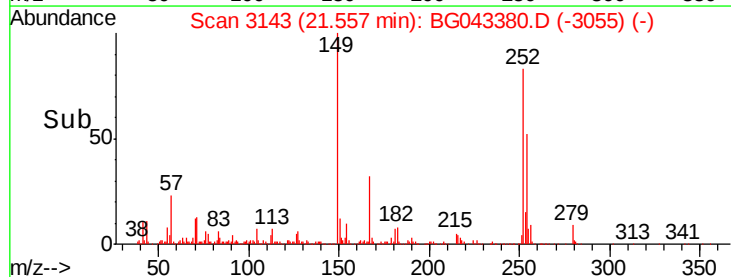
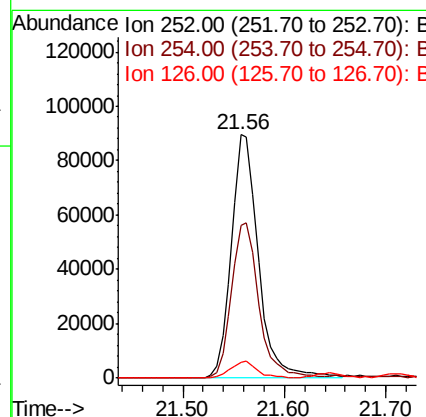
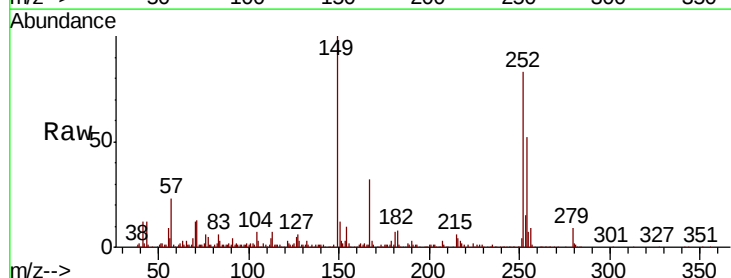
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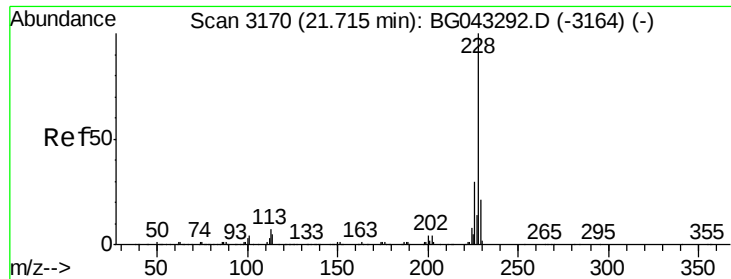
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10/30/2019 4:54:32 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 22.268 ng  
RT: 21.56 min Scan# 3143  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.0  | 52.7  | 79.1  |
| 126     | 6.4   | 5.6   | 8.4   |





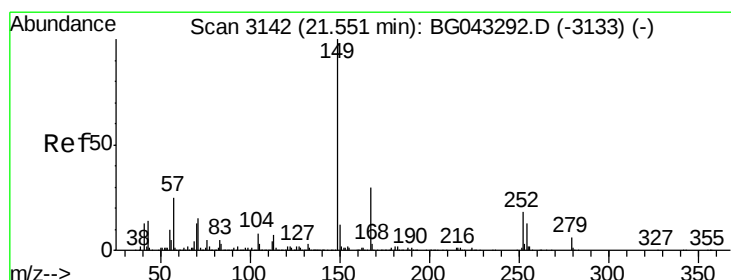
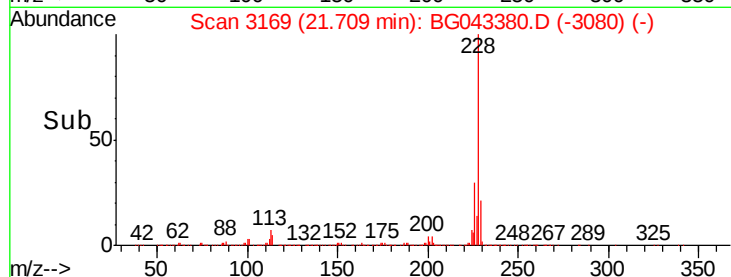
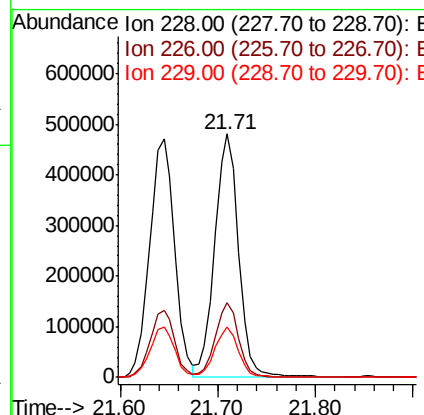
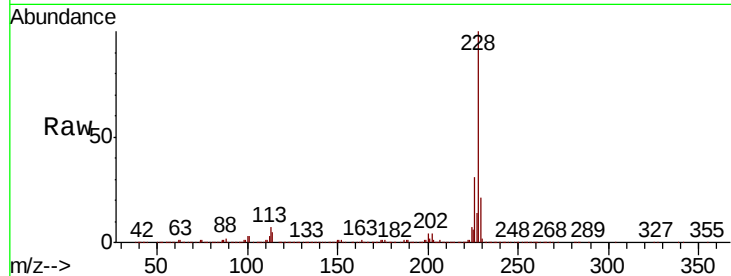
#83  
Chrysene  
Concen: 42.373 ng  
RT: 21.71 min Scan# 3169  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.5  | 23.8  | 35.8  |
| 229     | 20.8  | 16.3  | 24.5  |

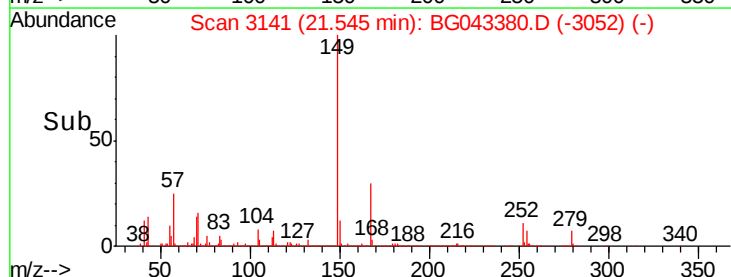
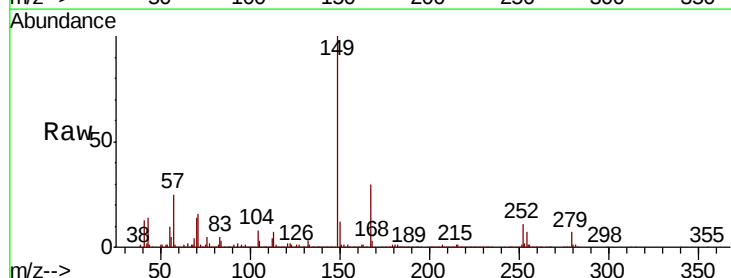
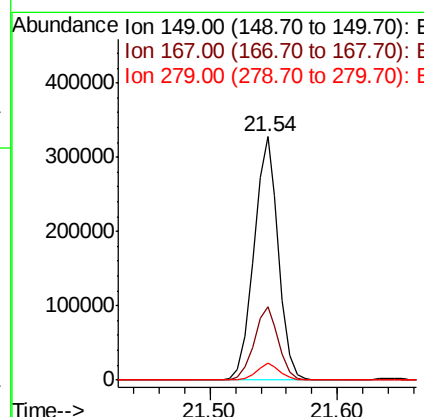
Manual Integrations  
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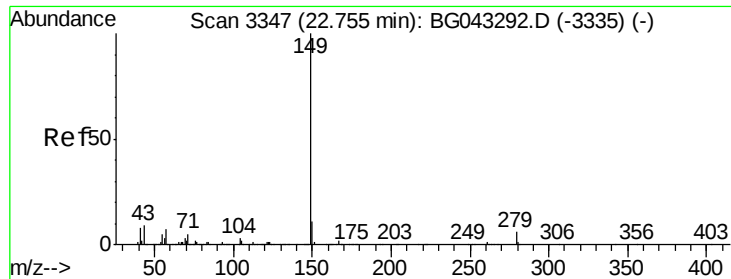
mohammad  
10/30/2019 4:54:32 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.658 ng  
RT: 21.54 min Scan# 3141  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.9  | 23.9  | 35.9  |
| 279     | 6.8   | 4.8   | 7.2   |





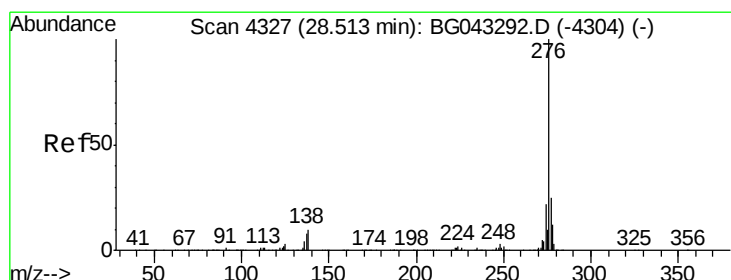
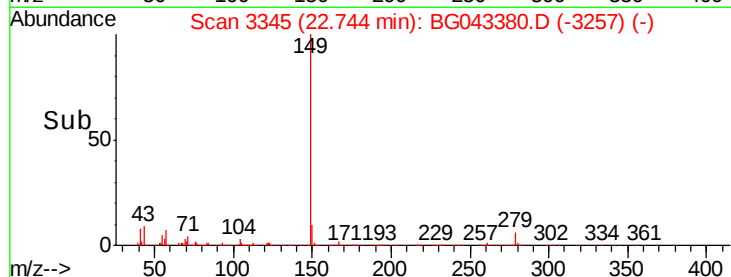
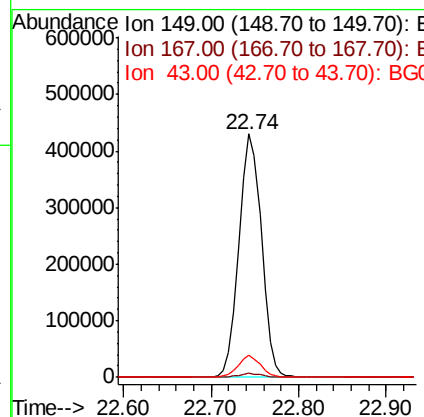
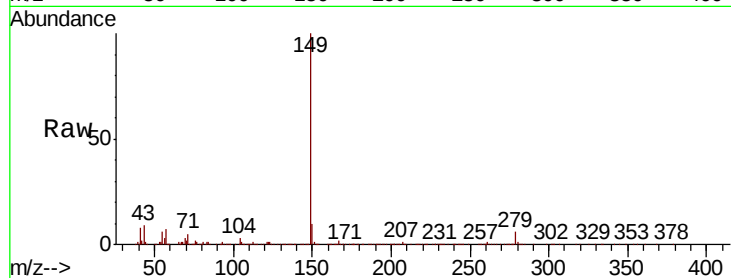
#85  
Di-n-octyl phthalate  
Concen: 43.015 ng  
RT: 22.74 min Scan# 3345  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 745237 |       |       |
| 167     | 1.8   |        | 1.4   | 2.0   |
| 43      | 8.5   |        | 6.9   | 10.3  |

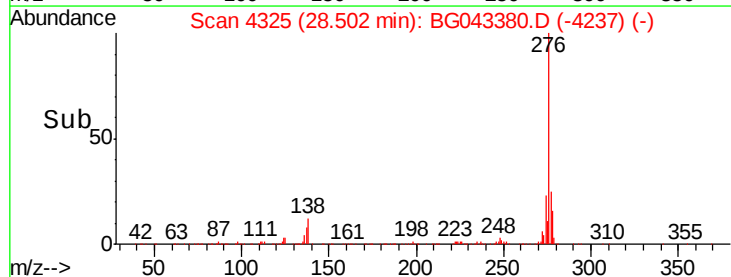
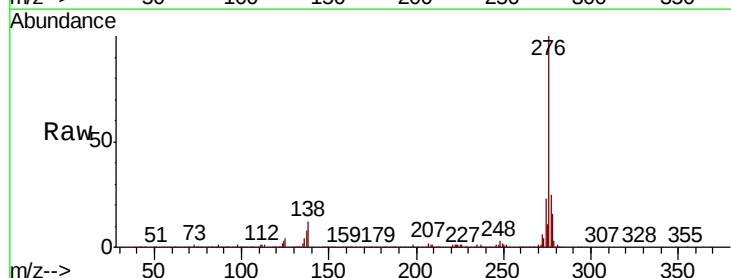
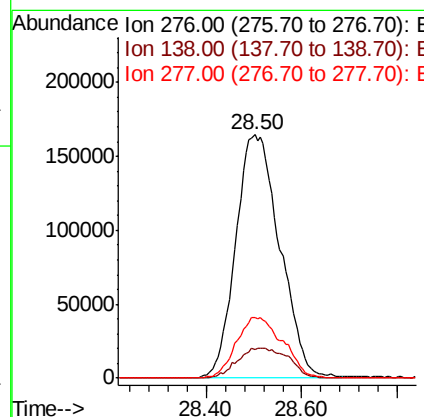
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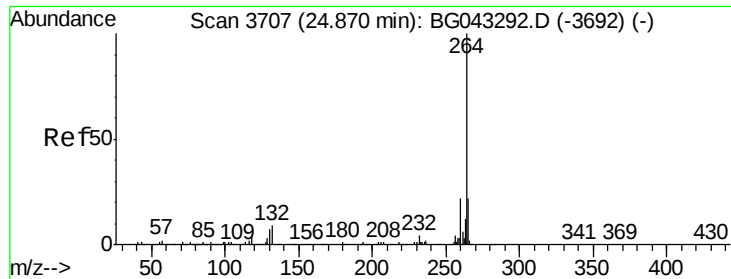
mohammad  
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.917 ng  
RT: 28.50 min Scan# 4325  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 276     | 100   | 1051752 |       |       |
| 138     | 14.2  |         | 7.2   | 10.8# |
| 277     | 25.9  |         | 20.9  | 31.3  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

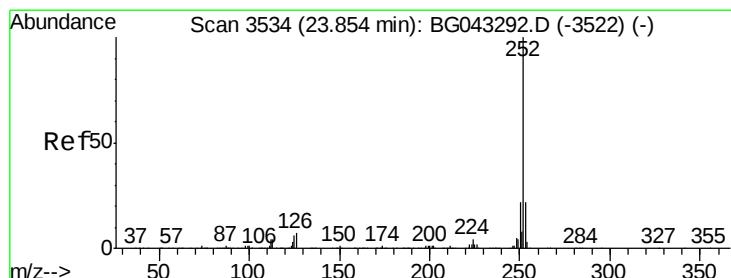
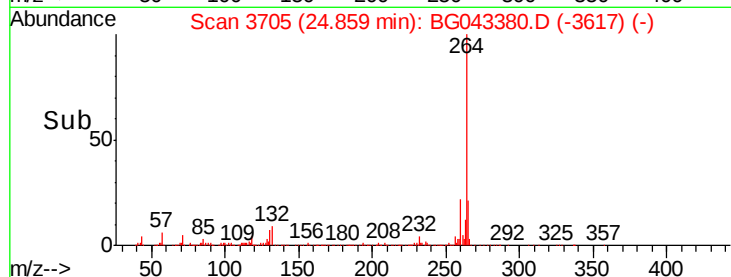
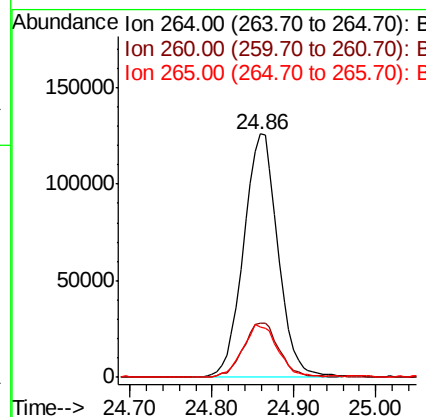
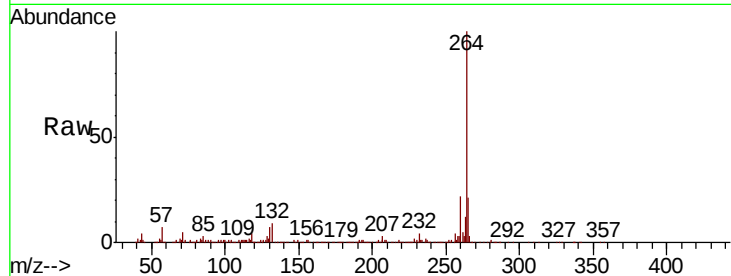
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 367960 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 22.0  | 17.9  | 26.9   |
| 265       | 20.9  | 17.4  | 26.2   |

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#88

Benzo(b)fluoranthene

Concen: 42.198 ng

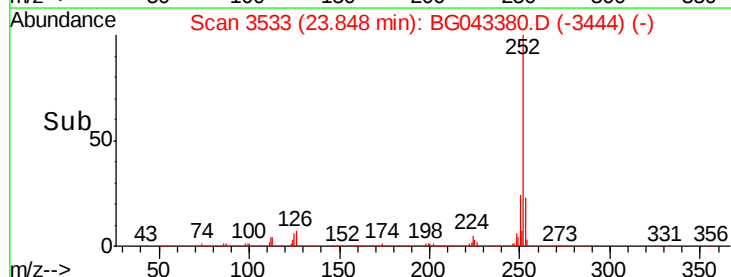
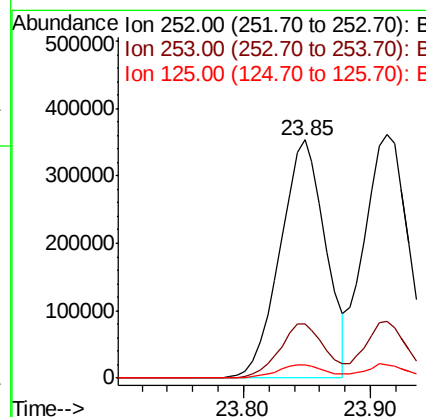
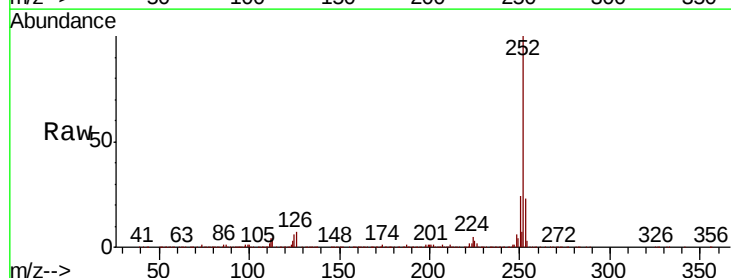
RT: 23.85 min Scan# 3533

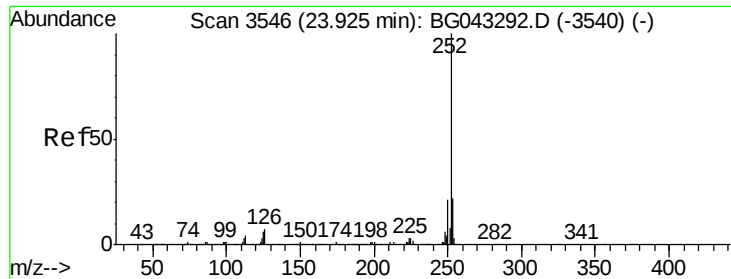
Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 879413 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.0  | 17.4  | 26.2   |
| 125       | 5.6   | 5.0   | 7.6    |





#89

Benzo(k)fluoranthene

Concen: 42.084 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

Instrument :

BNA\_G

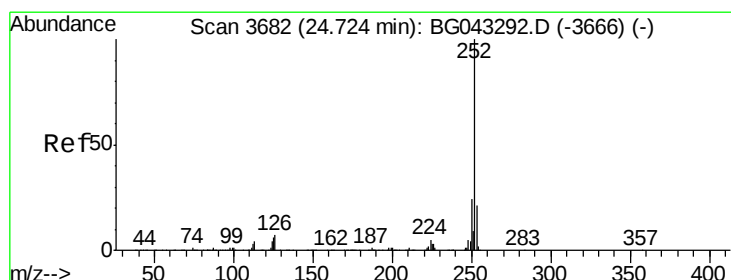
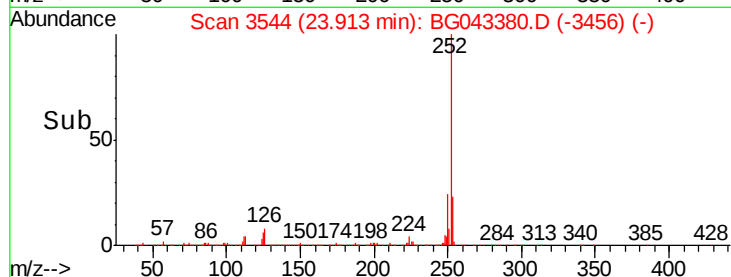
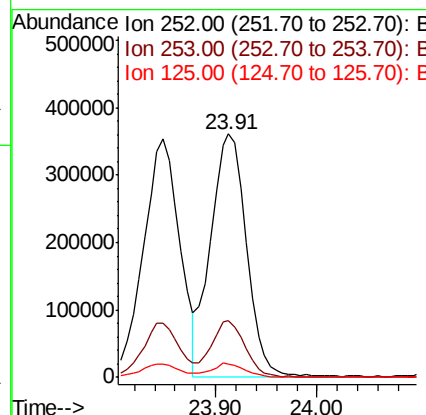
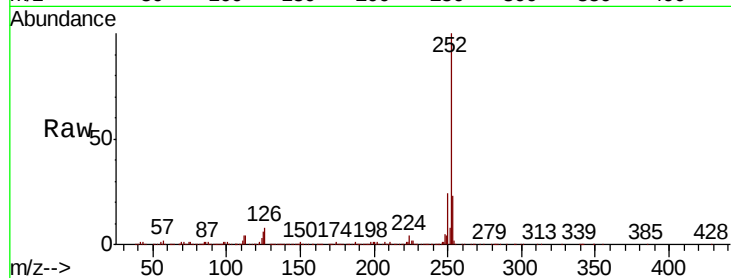
ClientSampleId :

CSA-2-1-1MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 882926 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.1  | 17.6  | 26.4   |
| 125       | 5.7   | 4.5   | 6.7    |

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#90

Benzo(a)pyrene

Concen: 41.360 ng

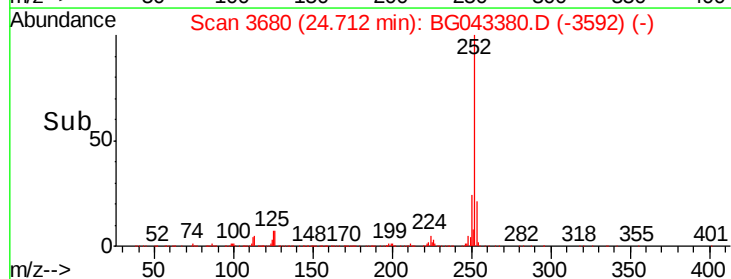
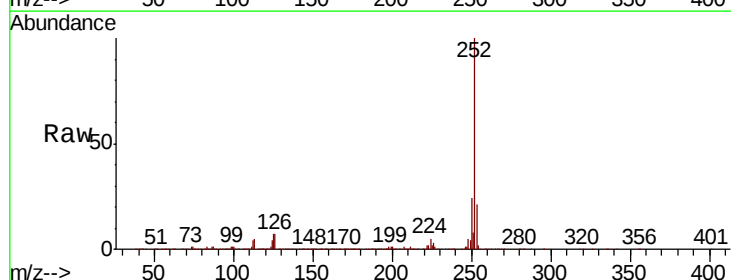
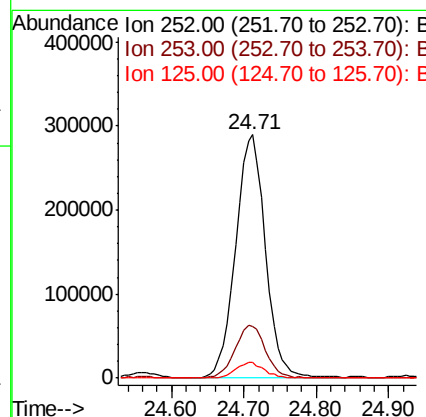
RT: 24.71 min Scan# 3680

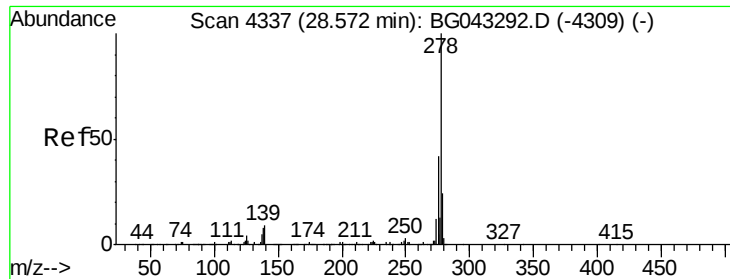
Delta R.T. -0.01 min

Lab File: BG043380.D

Acq: 29 Oct 2019 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 823092 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.1  | 17.2  | 25.8   |
| 125       | 6.7   | 5.0   | 7.6    |





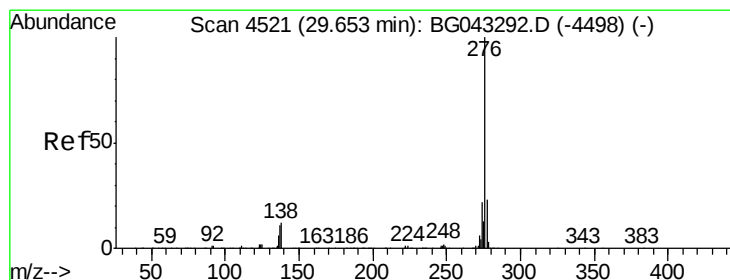
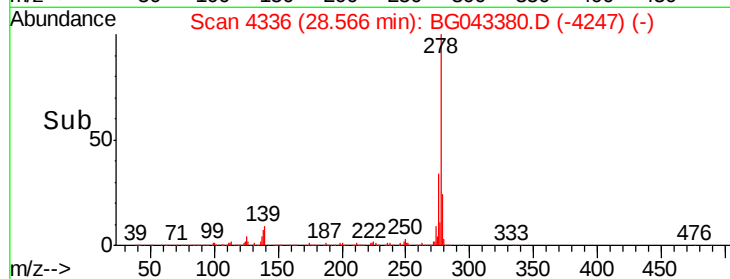
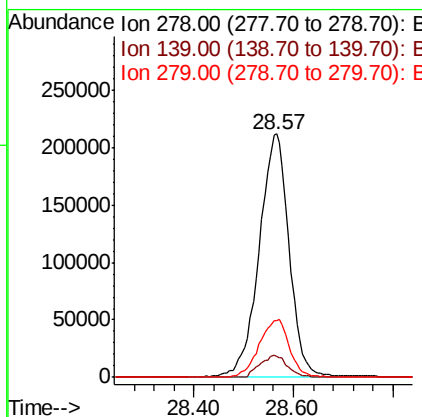
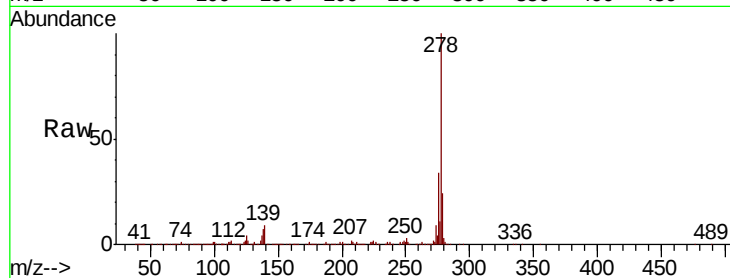
#91  
Dibenzo(a,h)anthracene  
Concen: 43.411 ng  
RT: 28.57 min Scan# 4336  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

Instrument :  
BNA\_G  
ClientSampleId :  
CSA-2-1-1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.7   | 6.8   | 10.2  |
| 279     | 23.6  | 19.0  | 28.6  |

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#92  
Benzo(g,h,i)perylene  
Concen: 45.097 ng  
RT: 29.65 min Scan# 4520  
Delta R.T. -0.01 min  
Lab File: BG043380.D  
Acq: 29 Oct 2019 18:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.3  | 27.5  |
| 138     | 11.8  | 9.3   | 13.9  |

