

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\  
 Data File : BG036988.D  
 Acq On : 26 Sep 2018 19:11  
 Operator : JU/SJ  
 Sample : J4773-12MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

Manual Integrations  
 APPROVED

Sohil  
 9/27/2018 1:37:36 PM

Quant Time: Sep 27 08:35:42 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 49814    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 198569   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.67 | 164  | 122538   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.41 | 188  | 295470   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 302785   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.89 | 264  | 319247   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 326555  | 125.72 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 401931  | 100.01 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 336999  | 90.88  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 190178  | 129.72 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.29 | 172 | 703922  | 85.56  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.02 | 244 | 1113930 | 96.74  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88  | 55339  | 46.560  | ng | # 77   |
| 3) Pyridine                    | 3.94  | 79  | 144459 | 42.093  | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 90564  | 59.374  | ng | # 89   |
| 6) Aniline                     | 7.37  | 93  | 176327 | 33.814  | ng | 97     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 155204 | 51.460  | ng | 93     |
| 9) Benzaldehyde                | 7.18  | 77  | 92098  | 34.682  | ng | 95     |
| 10) Phenol                     | 7.24  | 94  | 174221 | 42.006  | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 168453 | 43.908  | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 160579 | 43.428  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 160849 | 42.508  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146 | 155518 | 42.411  | ng | 98     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 153134 | 46.961  | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 354272 | 48.098  | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 133696 | 46.277  | ng | 98     |
| 18) Hexachloroethane           | 9.12  | 117 | 62236  | 44.694  | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 145635 | 43.562  | ng | 97     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 185037 | 46.039  | ng | 98     |
| 22) Acetophenone               | 8.87  | 105 | 257287 | 55.137  | ng | # 93   |
| 24) Nitrobenzene               | 9.25  | 77  | 215756 | 54.486  | ng | 99     |
| 25) Isophorone                 | 9.77  | 82  | 402090 | 59.346  | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 89061  | 56.426  | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 151108 | 61.460  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93  | 229811 | 54.969  | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 165402 | 58.033  | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 172382 | 48.330  | ng | 98     |
| 31) Naphthalene                | 10.90 | 128 | 504447 | 53.392  | ng | 99     |
| 32) Benzoic acid               | 10.14 | 122 | 20950m | 15.592  | ng |        |
| 33) 4-Chloroaniline            | 11.01 | 127 | 52527  | 12.228  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 119106 | 48.288  | ng | 98     |
| 35) Caprolactam                | 11.79 | 113 | 39113m | 33.343  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 183562 | 53.977  | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.50 | 142 | 387910 | 53.908  | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 223406 | 52.272  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 247203 | 112.463 | ng | 97     |

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Instrument :  
 BNA\_G  
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 CL-02-092518-AMS

Manual Integrations  
 APPROVED

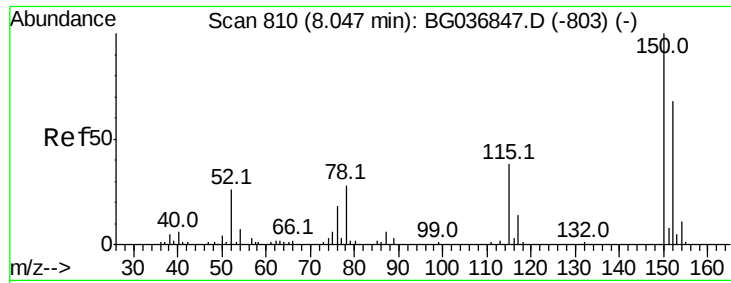
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 9/27/2018 1:37:36 PM

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.11 | 196  | 138028   | 58.158 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 149052   | 58.898 | nq    | 98       |
| 45) 1,1'-Biphenyl              | 13.51 | 154  | 504454   | 53.753 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.55 | 162  | 380680   | 51.581 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.75 | 65   | 146546   | 57.408 | nq    | 96       |
| 48) Acenaphthylene             | 14.39 | 152  | 645925   | 55.852 | nq    | 100      |
| 49) Dimethylphthalate          | 14.12 | 163  | 505478   | 51.247 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 112269   | 52.169 | nq    | 96       |
| 51) Acenaphthene               | 14.73 | 154  | 371595   | 53.164 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 65880    | 29.051 | nq    | # 99     |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 32155    | 36.483 | nq    | 88       |
| 54) Dibenzofuran               | 15.07 | 168  | 609010   | 51.512 | nq    | 99       |
| 55) 4-Nitrophenol              | 14.89 | 139  | 128240   | 88.520 | nq    | 95       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 158433   | 52.760 | nq    | 94       |
| 57) Fluorene                   | 15.71 | 166  | 487820   | 55.204 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 146400   | 57.026 | nq    | 98       |
| 59) Diethylphthalate           | 15.49 | 149  | 505659   | 50.829 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204  | 273211   | 48.821 | nq    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 116977   | 49.040 | nq    | 95       |
| 62) Azobenzene                 | 16.00 | 77   | 531102   | 55.561 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 49755    | 32.209 | nq    | 96       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 435721   | 53.416 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 176462   | 52.506 | nq    | 97       |
| 67) Hexachlorobenzene          | 16.72 | 284  | 177177   | 51.187 | nq    | 99       |
| 68) Atrazine                   | 16.87 | 200  | 177416   | 53.716 | nq    | 98       |
| 69) Pentachlorophenol          | 17.07 | 266  | 149738   | 68.709 | nq    | 98       |
| 70) Phenanthrene               | 17.46 | 178  | 789889   | 55.475 | nq    | 98       |
| 71) Anthracene                 | 17.55 | 178  | 811451   | 57.635 | nq    | 100      |
| 72) Carbazole                  | 17.82 | 167  | 714096   | 52.020 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 827940   | 54.310 | nq    | 99       |
| 74) Fluoranthene               | 19.46 | 202  | 964892   | 56.297 | nq    | 100      |
| 76) Benzidine                  | 19.65 | 184  | 267008   | 29.171 | nq    | 98       |
| 77) Pyrene                     | 19.83 | 202  | 954359   | 52.525 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.71 | 149  | 401642   | 55.458 | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 967455   | 54.736 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 221798   | 32.968 | nq    | 99       |
| 82) Chrysene                   | 21.73 | 228  | 908087   | 53.174 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 549317   | 54.295 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.77 | 149  | 922161   | 55.359 | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 28.54 | 276  | 1097553  | 59.849 | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 23.87 | 252  | 959633   | 56.404 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 23.94 | 252  | 930552   | 54.517 | nq    | 99       |
| 89) Benzo(a)pyrene             | 24.74 | 252  | 934057   | 56.788 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 28.61 | 278  | 887718   | 57.586 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 29.68 | 276  | 906764   | 58.610 | nq    | 98       |
| -----                          |       |      |          |        |       |          |

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





#1

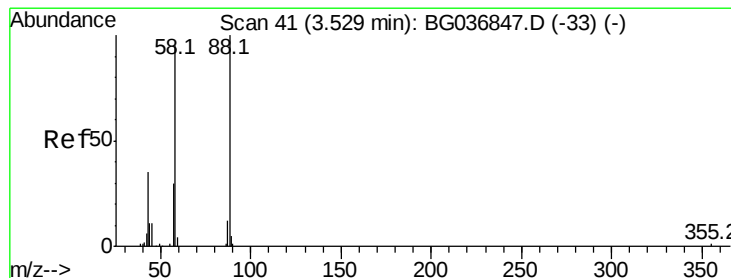
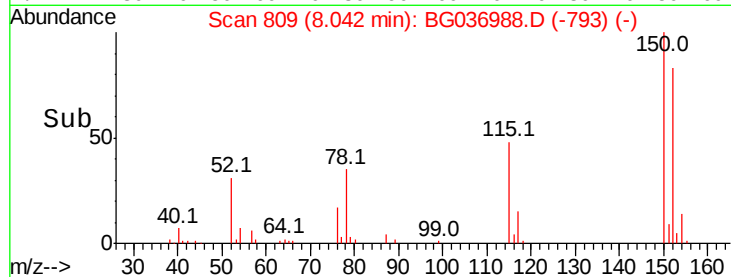
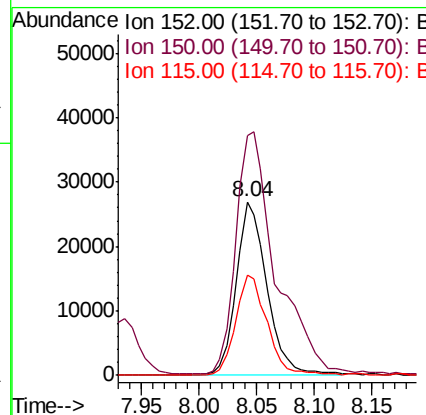
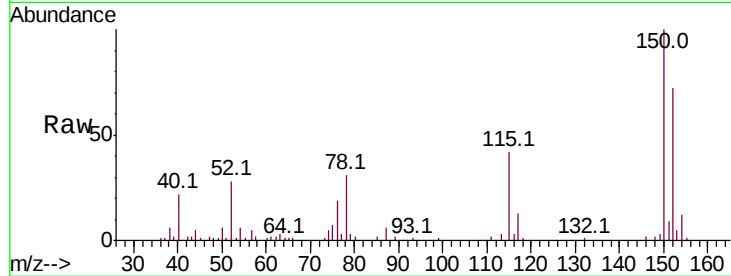
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
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CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 138.2 | 119.5 | 179.3 |
| 115     | 57.8  | 44.5  | 66.7  |

Manual Integrations  
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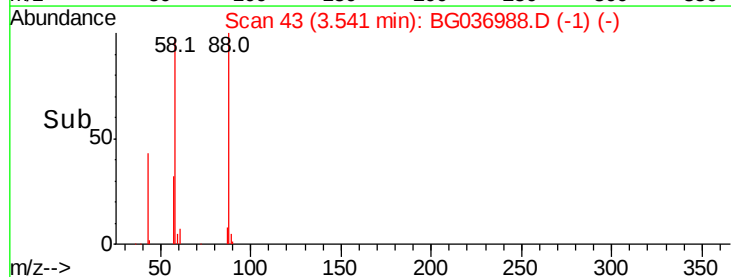
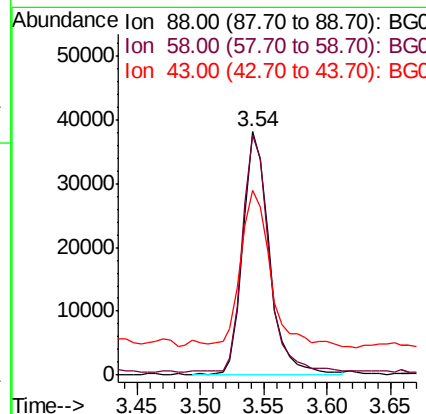
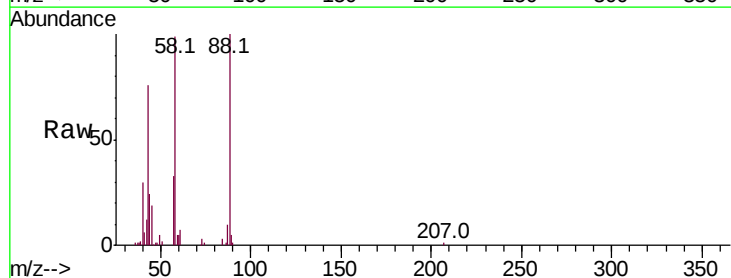
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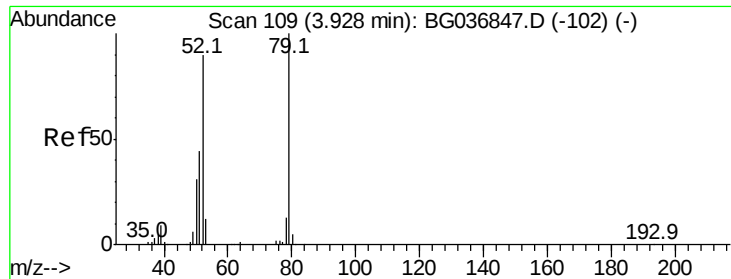


#2

1,4-Dioxane  
Concen: 46.560 ng  
RT: 3.54 min Scan# 43  
Delta R.T. 0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 95.8  | 72.6  | 109.0 |
| 43      | 75.6  | 29.0  | 43.4# |





#3

Pvridine

Concen: 42.093 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

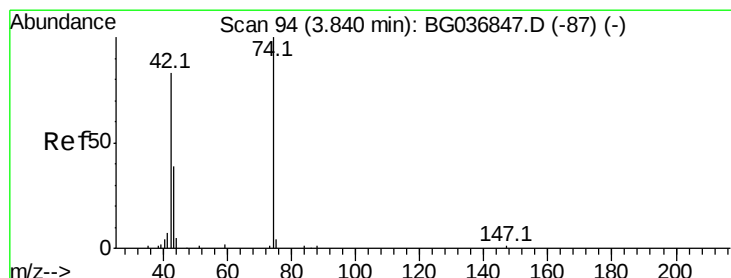
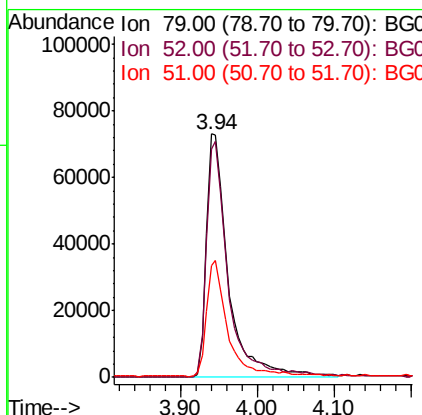
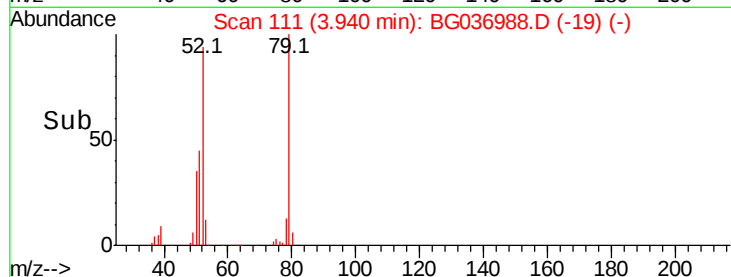
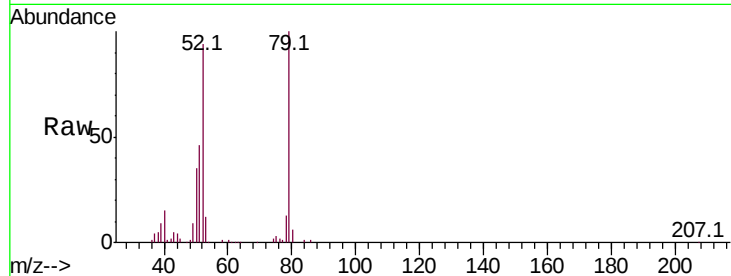
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 144459 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 94.0  | 72.3  | 108.5  |
| 51        | 45.8  | 33.8  | 50.6   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 59.374 ng

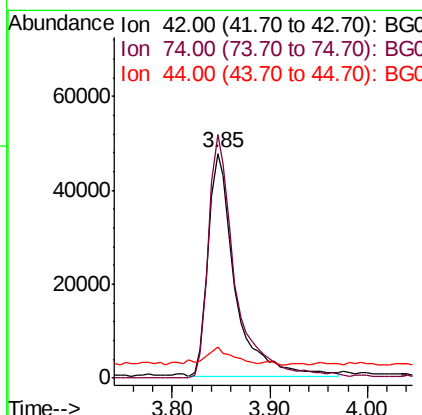
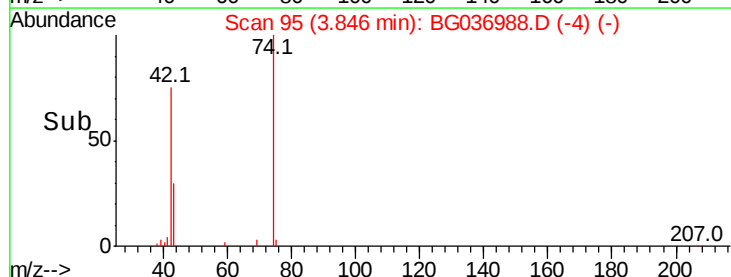
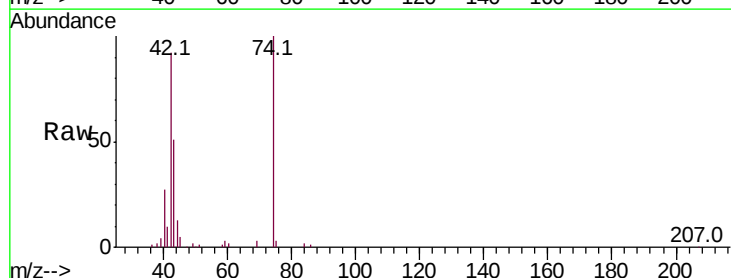
RT: 3.85 min Scan# 95

Delta R.T. 0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 90564 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 108.3 | 96.6  | 145.0 |
| 44        | 13.6  | 7.0   | 10.4  |





#5

2-Fluorophenol

Concen: 125.720 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

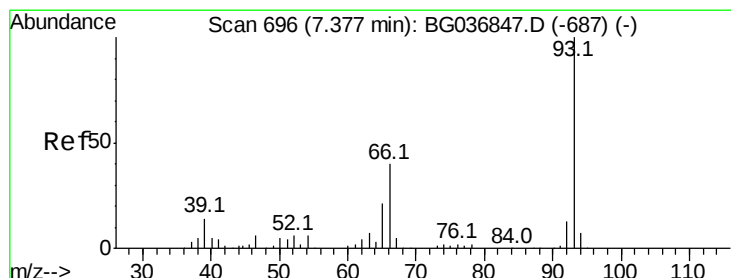
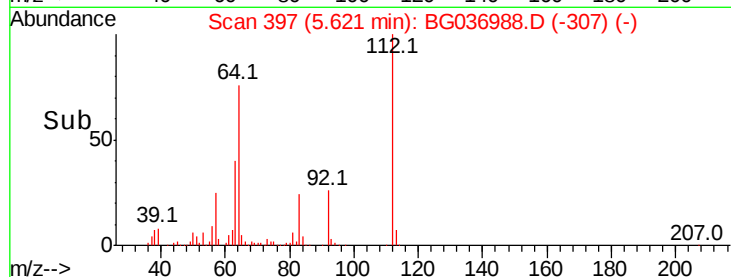
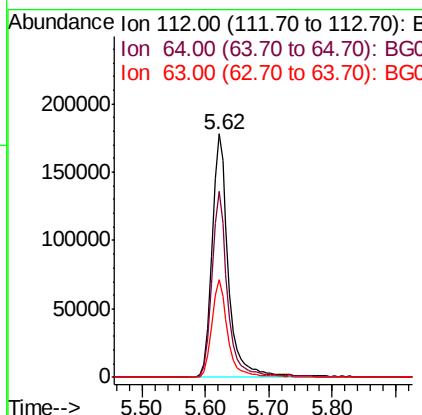
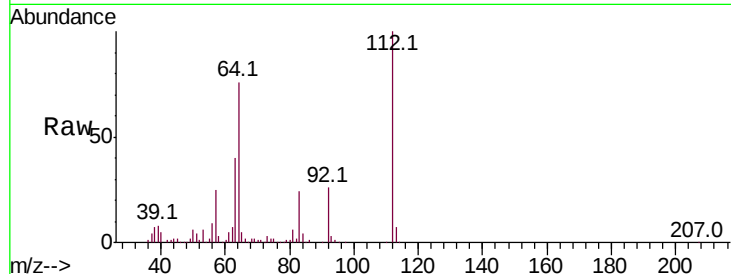
ClientSampleId :

CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 326555 |       |       |
| 64      | 76.5  | 57.2   | 85.8  |       |
| 63      | 40.2  | 30.8   | 46.2  |       |

Manual Integrations  
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#6

Aniline

Concen: 33.814 ng

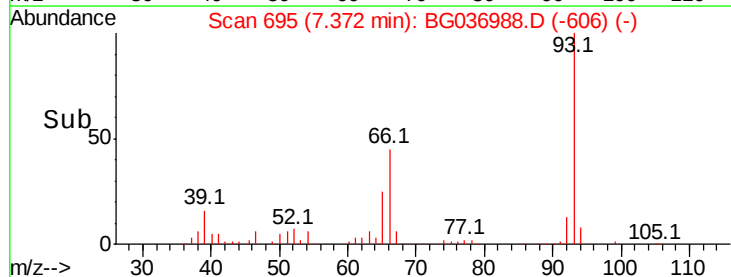
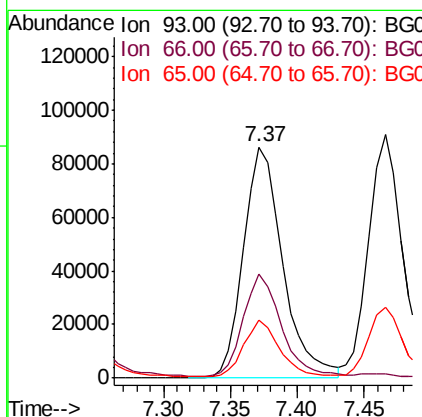
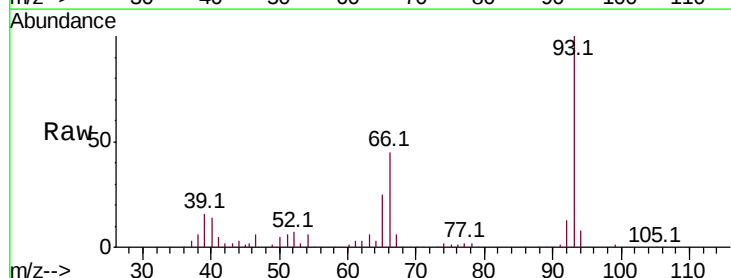
RT: 7.37 min Scan# 695

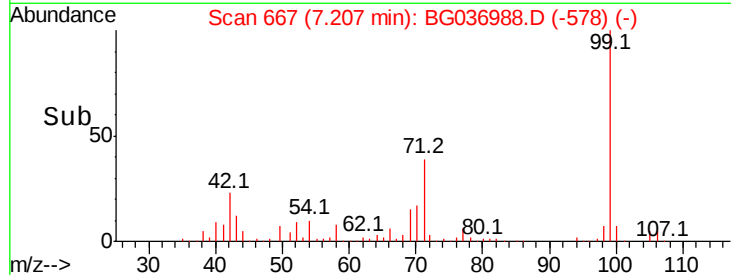
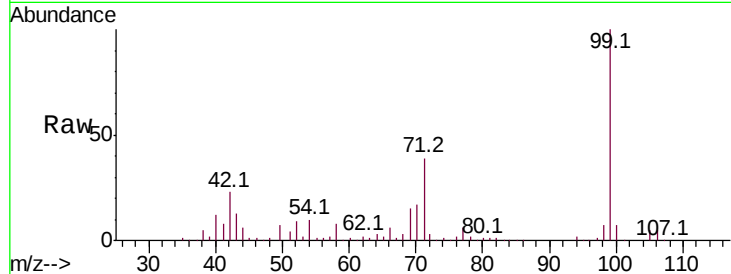
Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 176327 |       |       |
| 66      | 44.8  | 35.0   | 52.4  |       |
| 65      | 25.2  | 17.6   | 26.4  |       |





#7

Phenol-d6

Concen: 100.014 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 401931 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.6  | 16.5  | 24.7   |
| 71        | 39.0  | 29.4  | 44.2   |

Instrument :

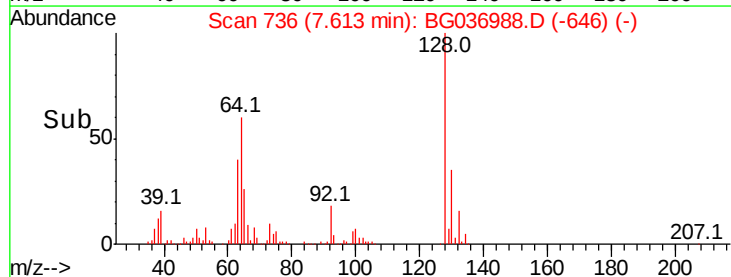
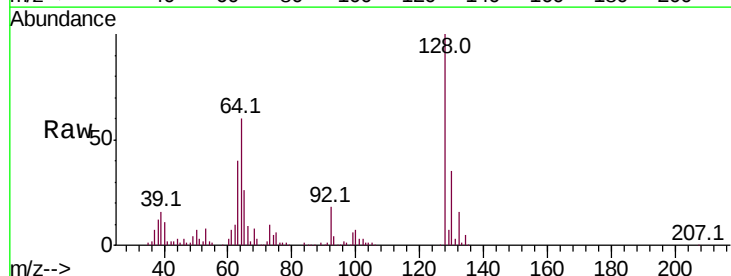
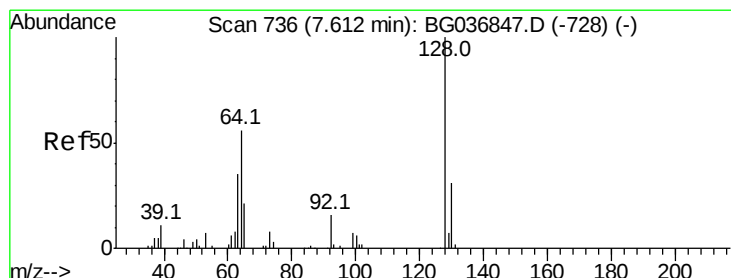
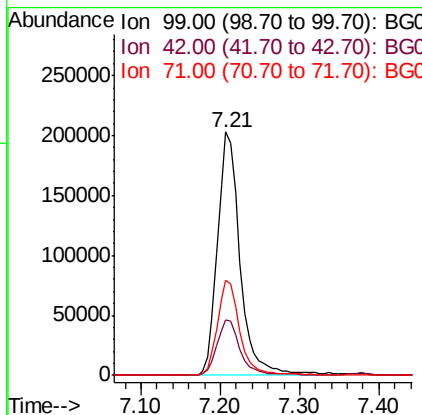
BNA\_G

ClientSampleId :

CL-02-092518-AMS

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 51.460 ng

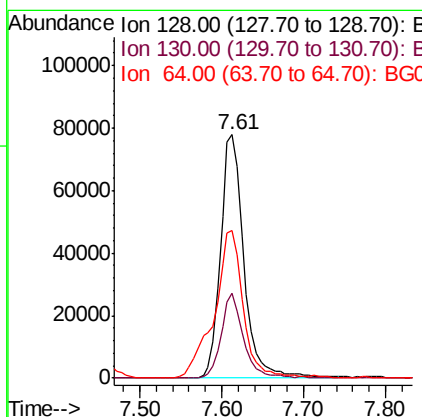
RT: 7.61 min Scan# 736

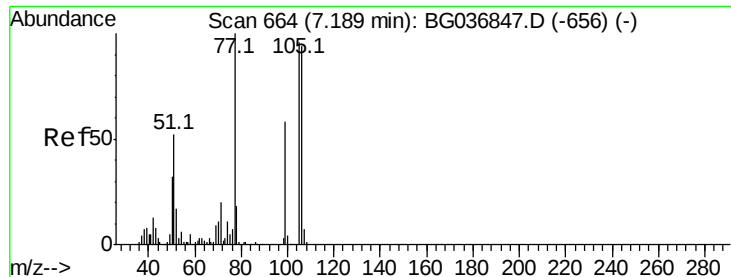
Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 155204 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 35.0  | 10.0  | 50.0   |
| 64        | 60.4  | 36.0  | 76.0   |





#9

Benzaldehyde

Concen: 34.682 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

ClientSampleId :

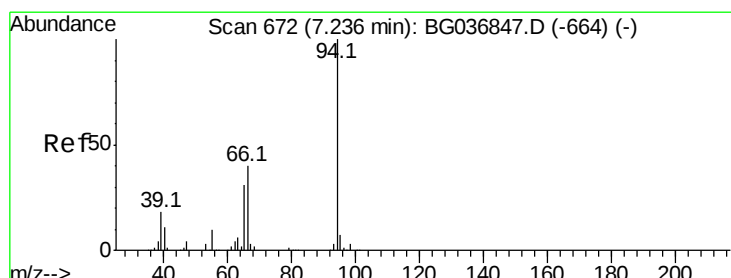
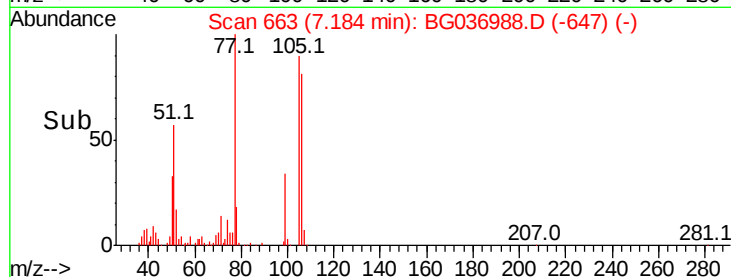
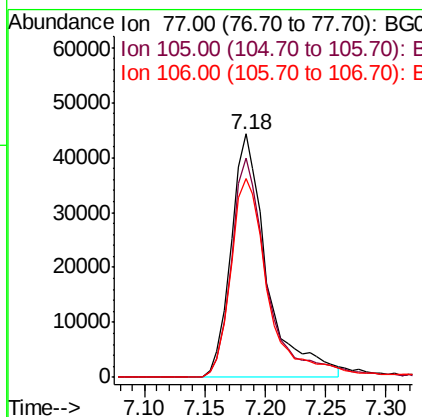
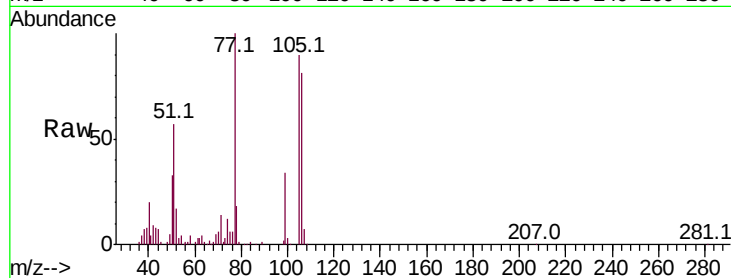
CL-02-092518-AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 92098 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 89.9  | 70.5  | 110.5 |
| 106      | 81.5  | 69.8  | 109.8 |

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#10

Phenol

Concen: 42.006 ng

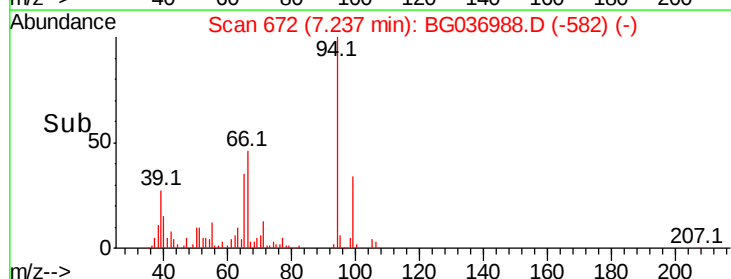
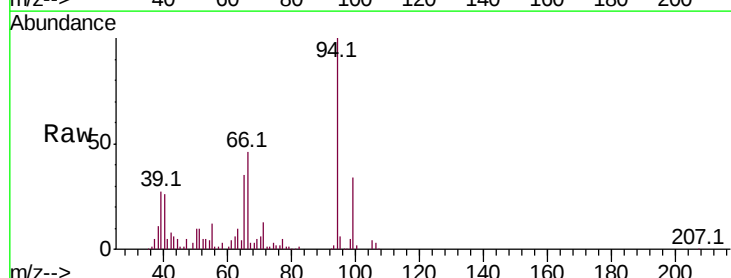
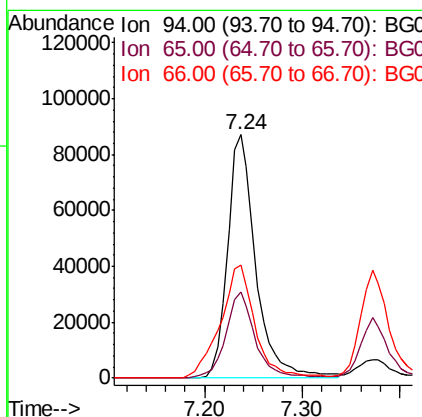
RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 174221 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.4  | 11.5  | 51.5   |
| 66       | 46.3  | 19.5  | 59.5   |





#11

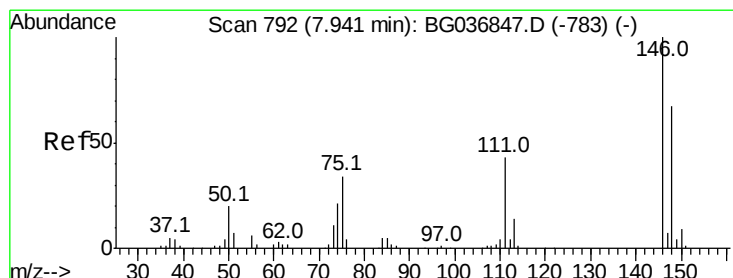
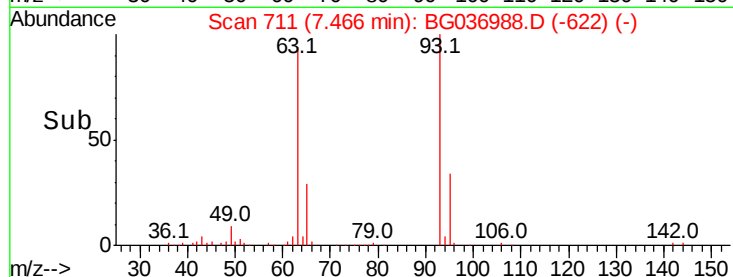
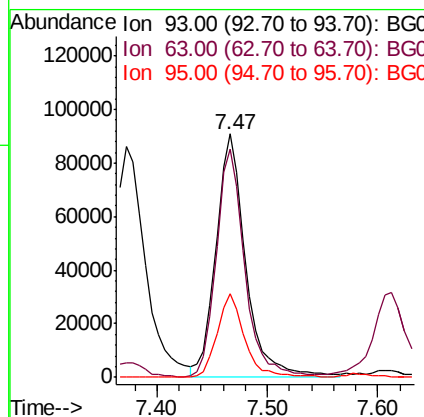
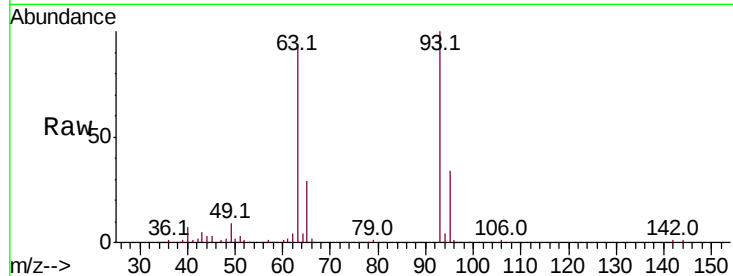
bis(2-Chloroethyl)ether  
Concen: 43.908 ng  
RT: 7.47 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 168453 |       |       |
| 63      | 93.7  | 69.9   | 109.9 |       |
| 95      | 34.2  | 11.7   | 51.7  |       |

Manual Integrations  
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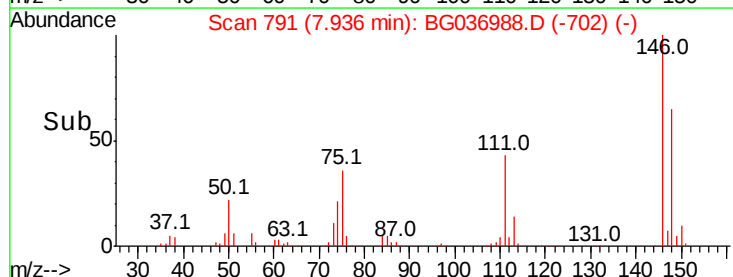
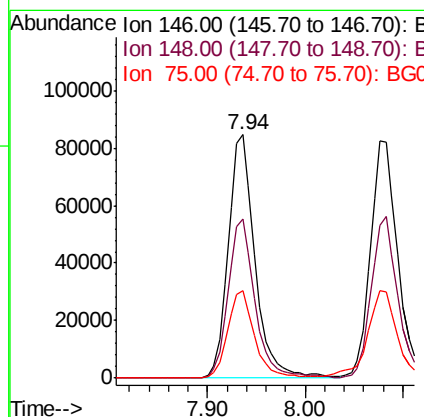
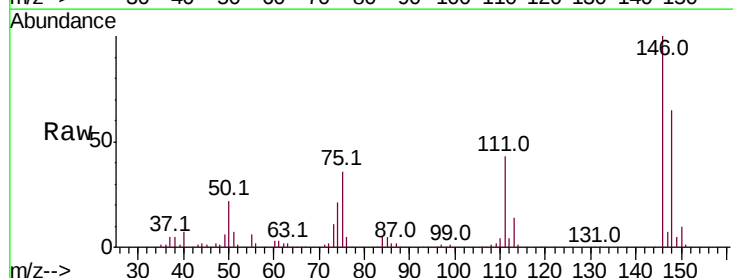
Sohil  
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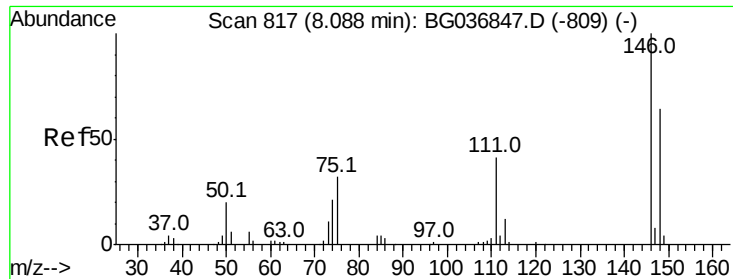


#12

1,3-Dichlorobenzene  
Concen: 43.428 ng  
RT: 7.94 min Scan# 791  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 160579 |       |       |
| 148     | 65.2  | 53.8   | 80.6  |       |
| 75      | 35.7  | 27.2   | 40.8  |       |





#13

1,4-Dichlorobenzene

Concen: 42.508 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

ClientSampleId :

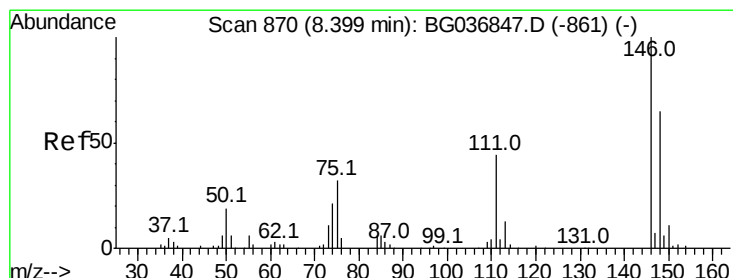
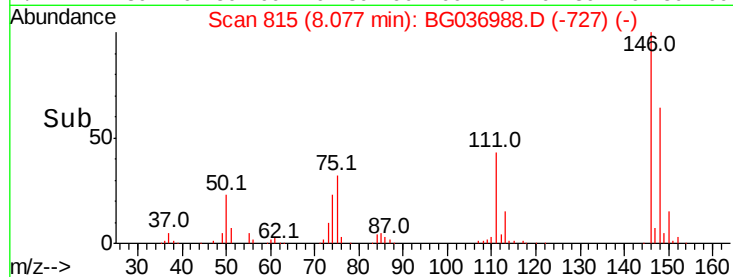
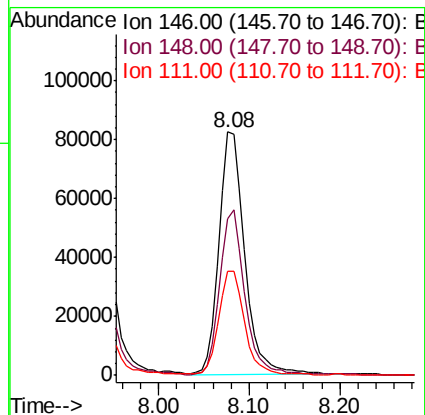
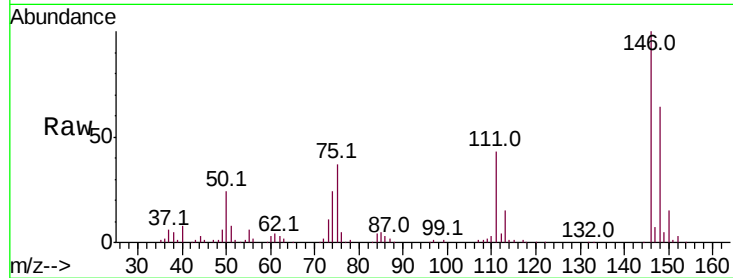
CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 160849 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 53.9  | 80.9   |
| 111       | 42.6  | 33.8  | 50.6   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 42.411 ng

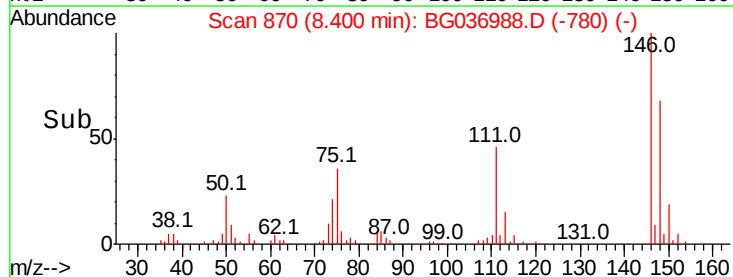
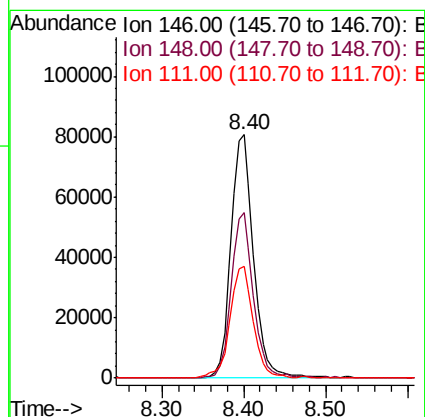
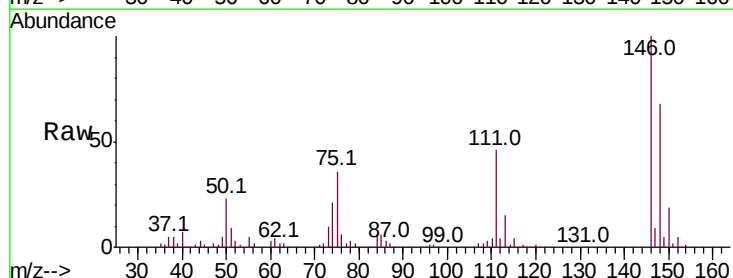
RT: 8.40 min Scan# 870

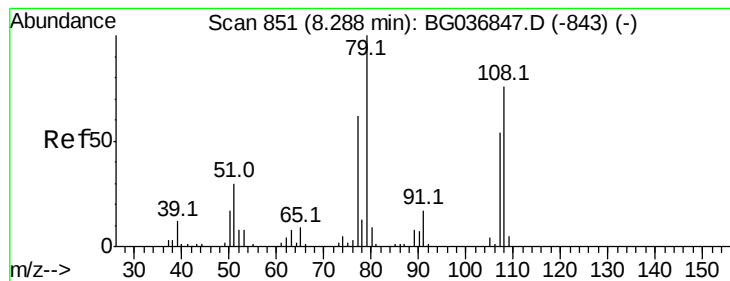
Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 155518 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 68.1  | 55.0  | 82.6   |
| 111       | 46.1  | 34.6  | 51.8   |





#15

Benzyl Alcohol

Concen: 46.961 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

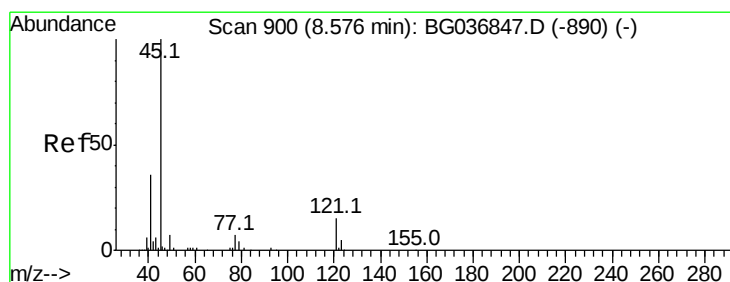
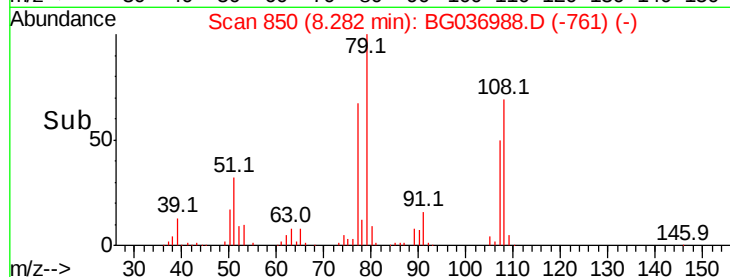
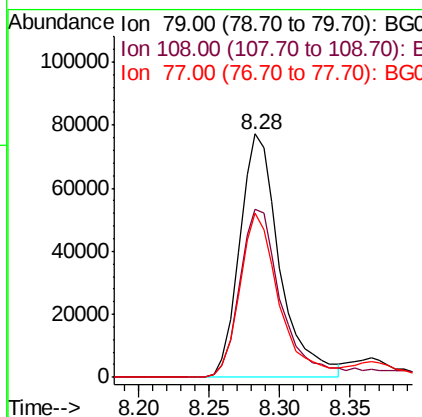
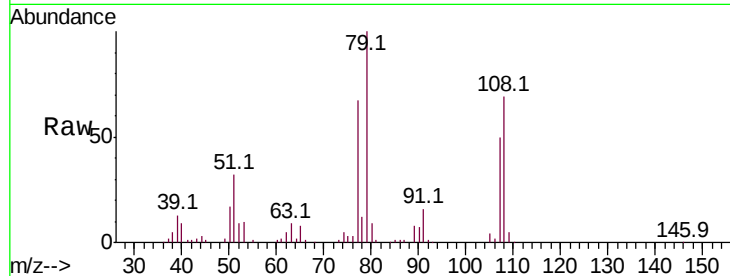
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 153134 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 69.1  | 55.9  | 83.9   |
| 77        | 67.4  | 50.0  | 75.0   |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.098 ng

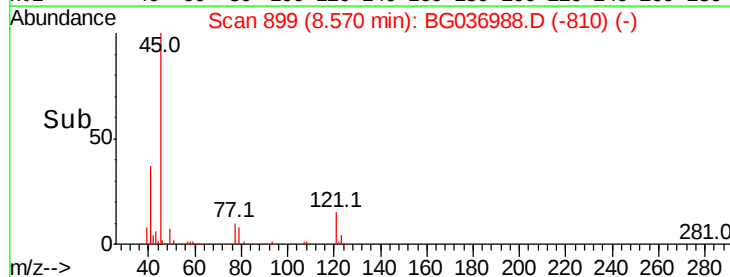
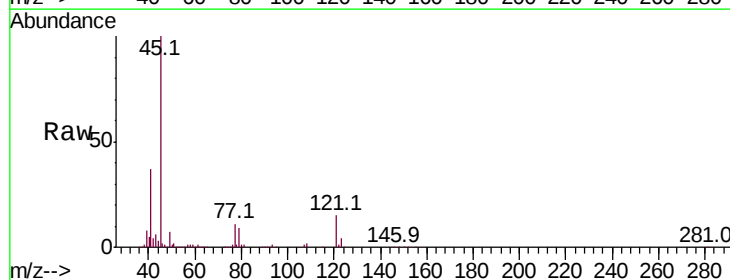
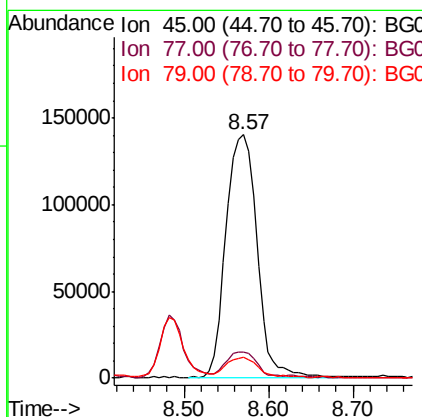
RT: 8.57 min Scan# 899

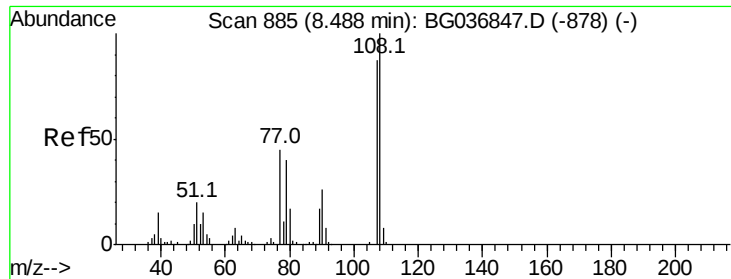
Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 354272 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.7  | 0.0   | 30.5   |
| 79        | 8.8   | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 46.277 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

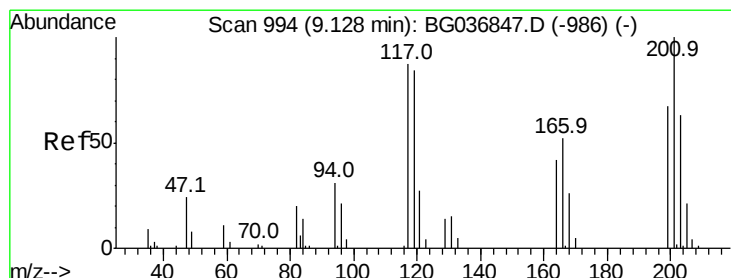
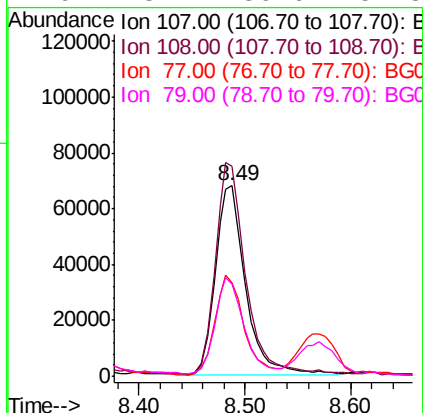
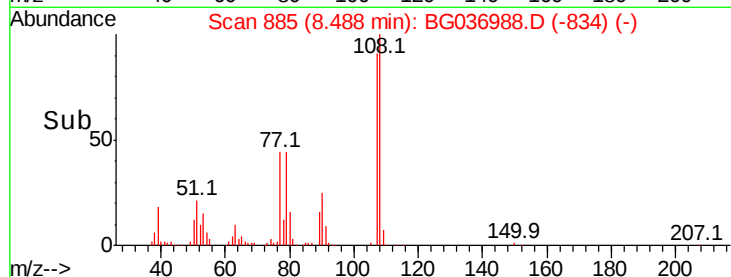
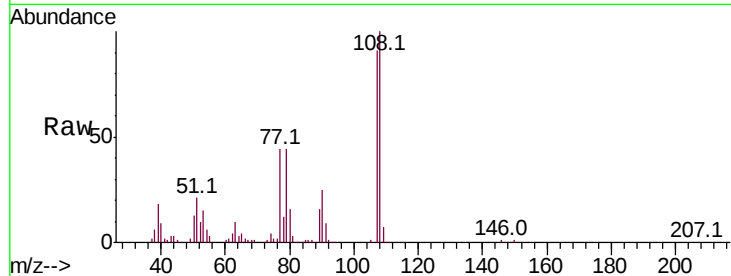
ClientSampleId :

CL-02-092518-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 110.1 | 86.7 | 130.1 |       |
| 77      | 48.8  | 39.0 | 58.4  |       |
| 79      | 48.7  | 36.6 | 54.8  |       |

Manual Integrations  
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#18

Hexachloroethane

Concen: 44.694 ng

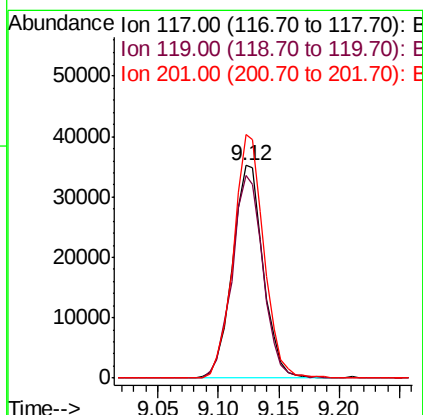
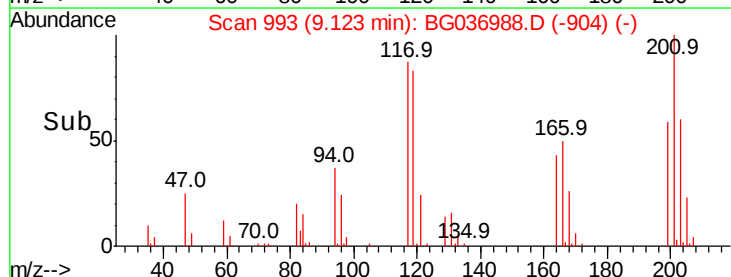
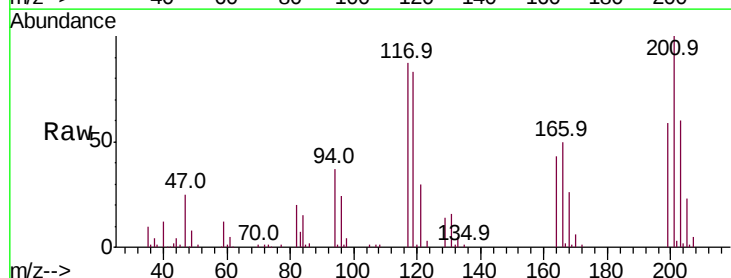
RT: 9.12 min Scan# 993

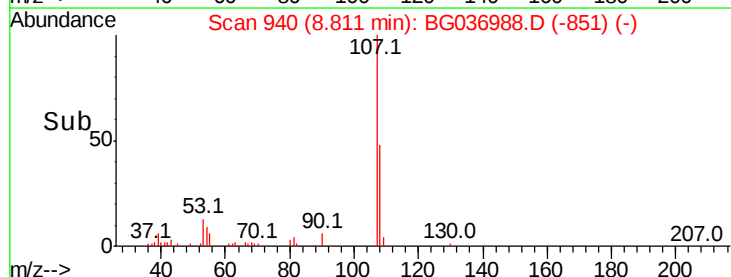
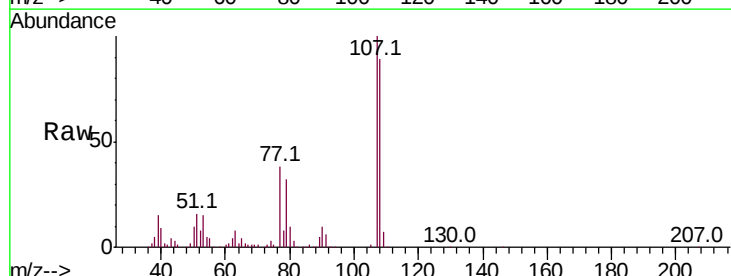
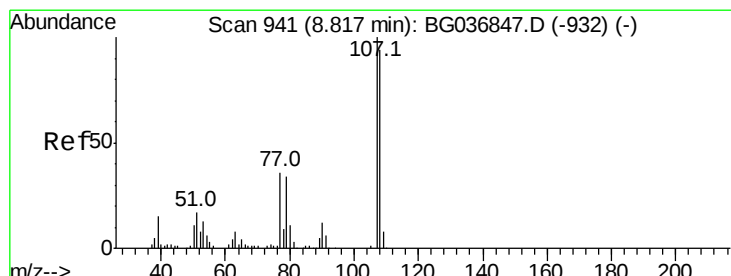
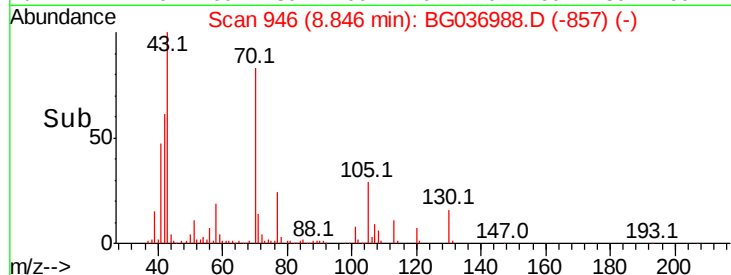
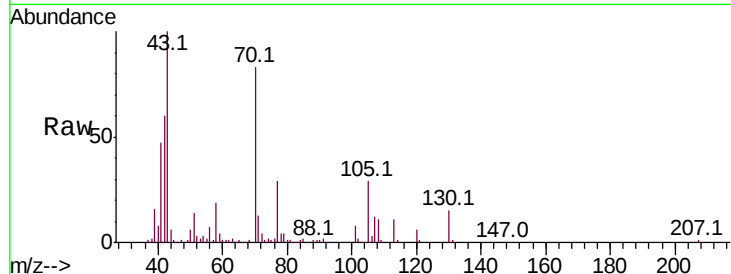
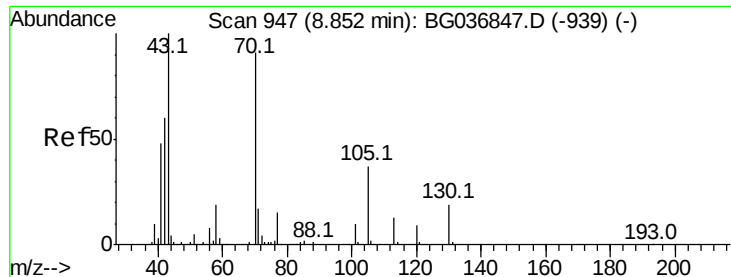
Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

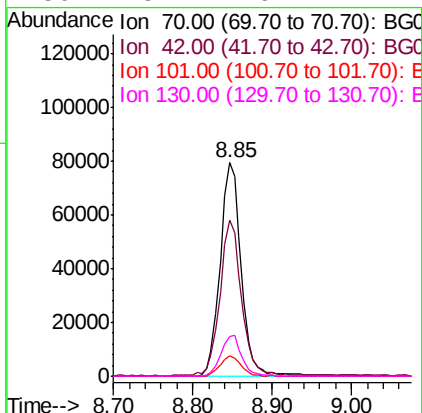
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.4  | 76.8 | 115.2 |       |
| 201     | 114.5 | 85.7 | 128.5 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.562 ng  
RT: 8.85 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 72.9 | 56.2  | 84.4 |       |       |
| 101     | 9.6  | 7.8   | 11.6 |       |       |
| 130     | 18.7 | 16.2  | 24.2 |       |       |



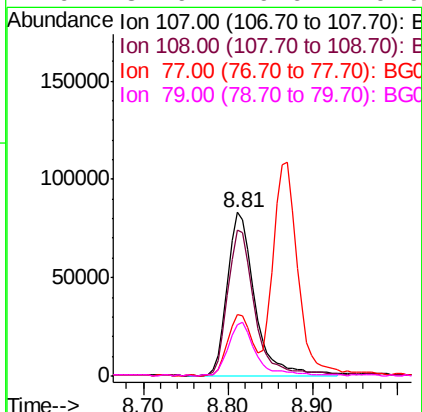
Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

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#20  
3+4-Methylphenols  
Concen: 46.039 ng  
RT: 8.81 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 89.1 | 68.0  | 108.0 |       |       |
| 77      | 37.8 | 15.6  | 55.6  |       |       |
| 79      | 31.6 | 9.9   | 49.9  |       |       |





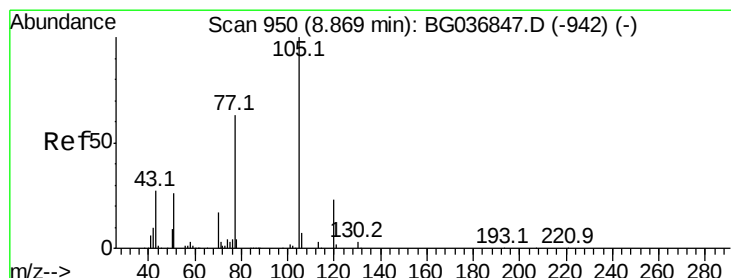
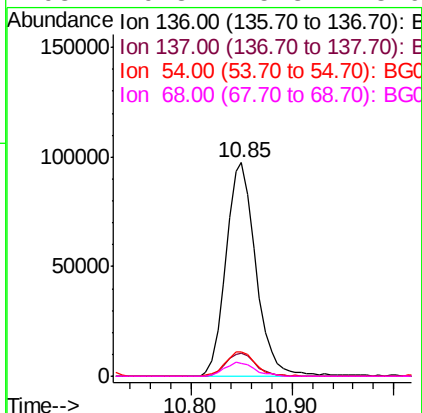
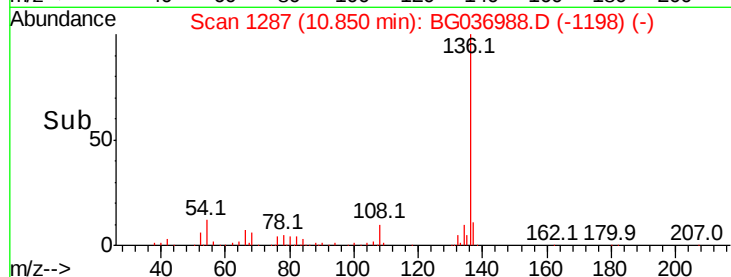
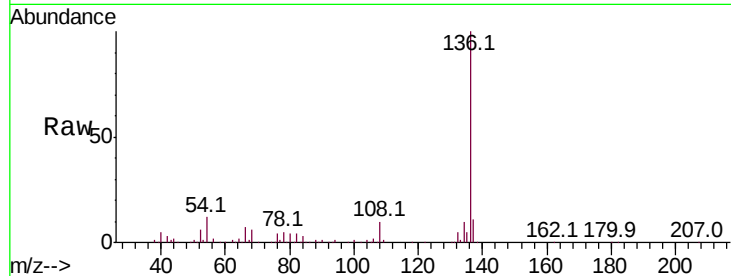
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1287  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.7  | 8.8  | 13.2  |       |
| 54      | 11.5  | 9.2  | 13.8  |       |
| 68      | 6.3   | 5.8  | 8.6   |       |

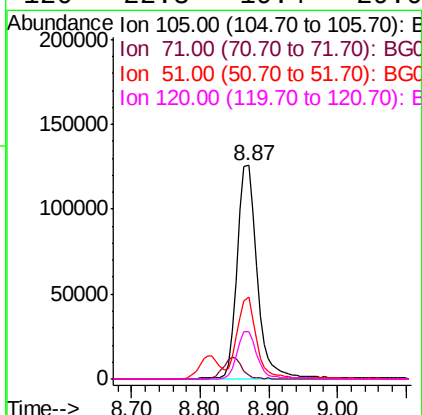
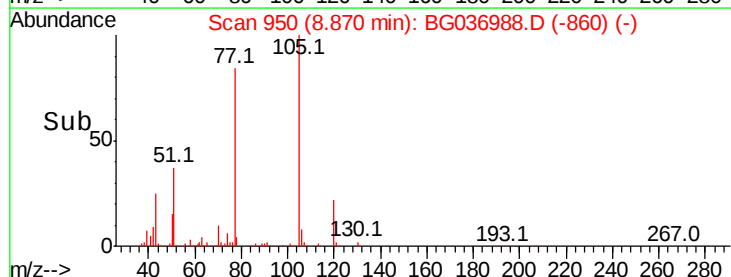
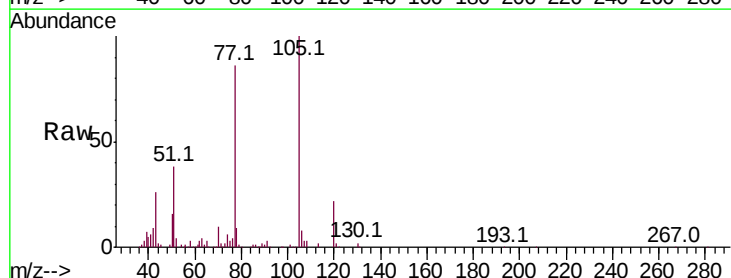
Manual Integrations  
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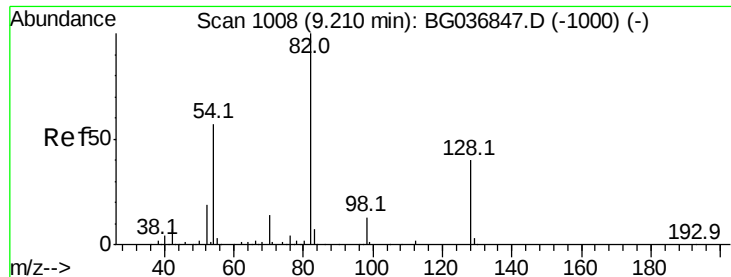
Sohil  
9/27/2018 1:37:36 PM



#22  
Acetophenone  
Concen: 55.137 ng  
RT: 8.87 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.0   | 2.4  | 3.6#  |       |
| 51      | 38.3  | 25.9 | 38.9  |       |
| 120     | 22.3  | 19.4 | 29.0  |       |





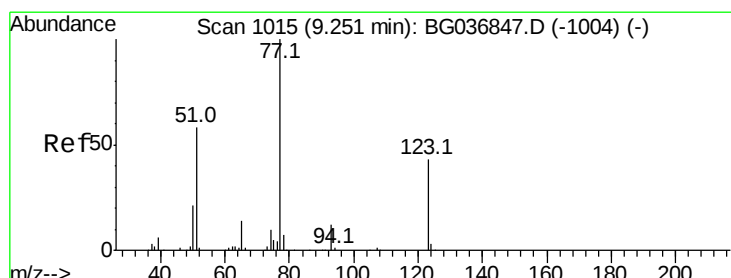
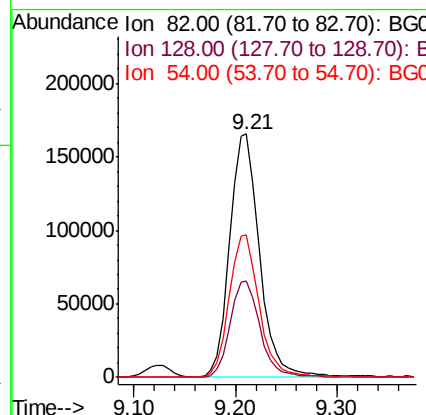
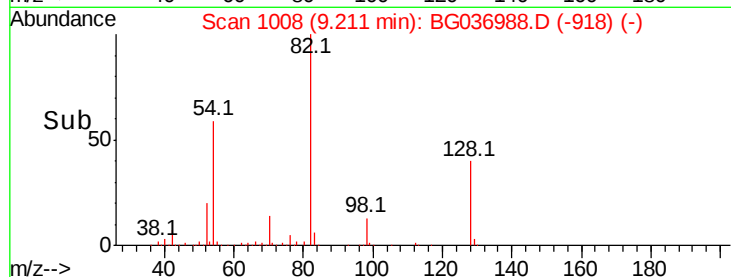
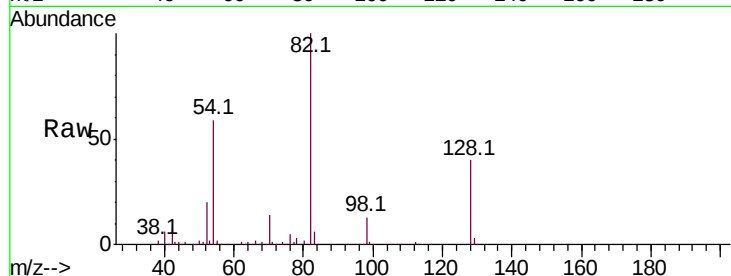
#23  
Nitrobenzene-d5  
Concen: 90.883 ng  
RT: 9.21 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.6  | 33.3  | 49.9  |
| 54      | 58.5  | 45.1  | 67.7  |

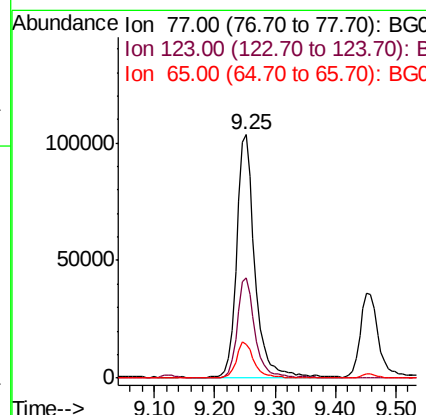
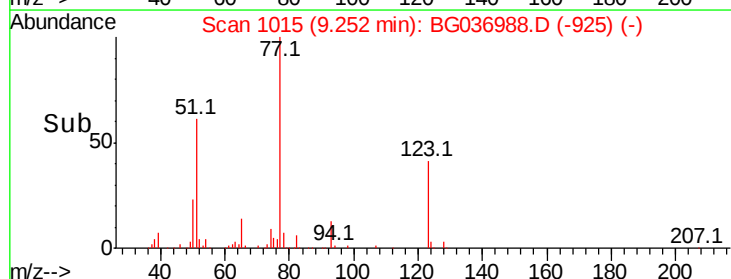
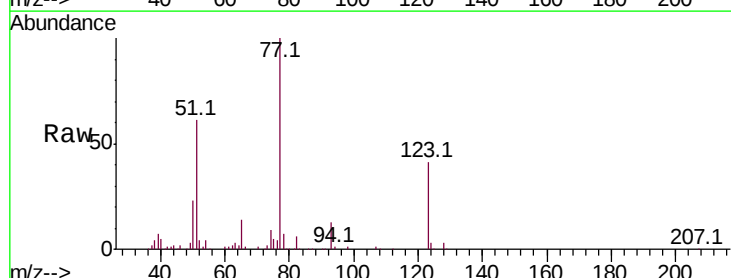
Manual Integrations  
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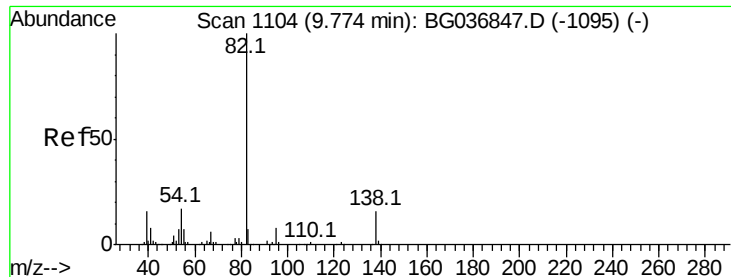
Sohil  
9/27/2018 1:37:36 PM



#24  
Nitrobenzene  
Concen: 54.486 ng  
RT: 9.25 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.1  | 32.4  | 48.6  |
| 65      | 13.9  | 11.5  | 17.3  |





#25

Isophorone

Concen: 59.346 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

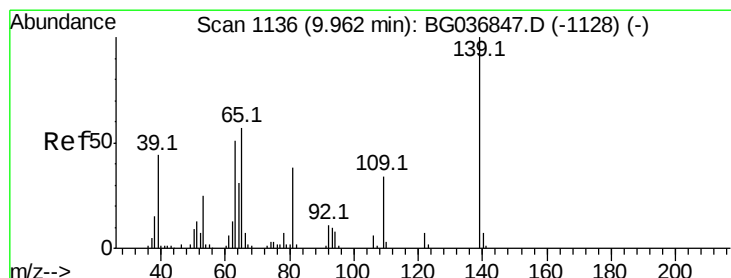
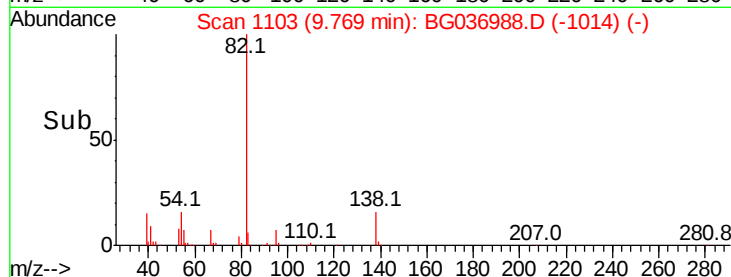
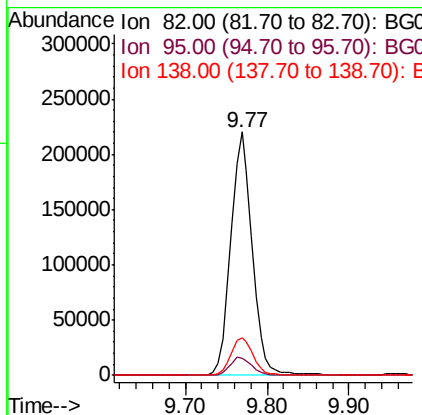
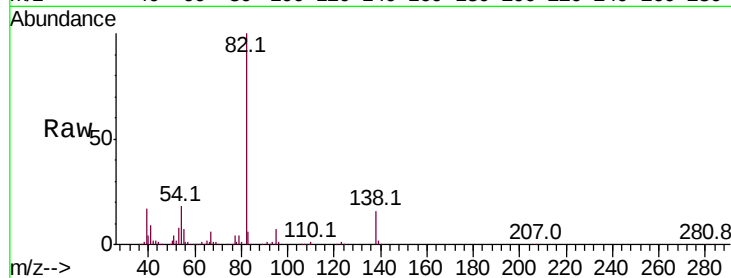
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 402090 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 5.8   | 8.8    |
| 138       | 15.5  | 12.9  | 19.3   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 56.426 ng

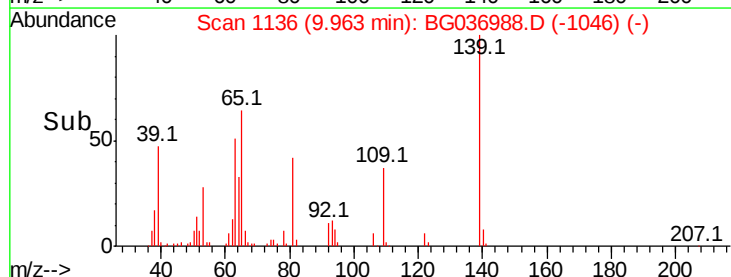
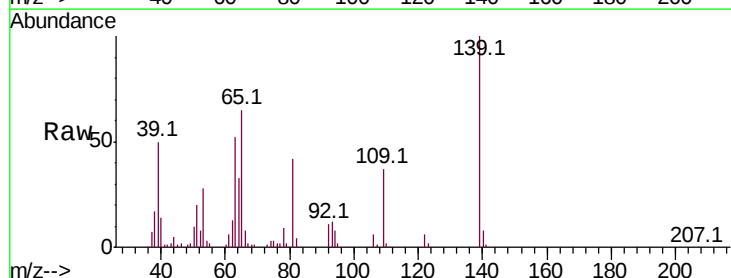
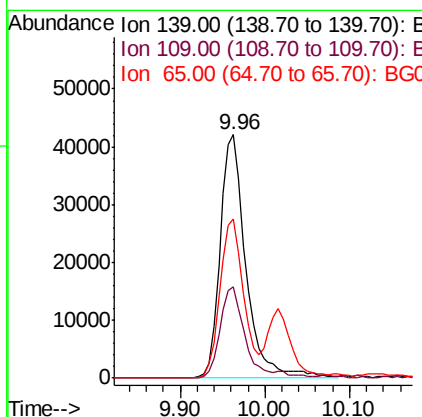
RT: 9.96 min Scan# 1136

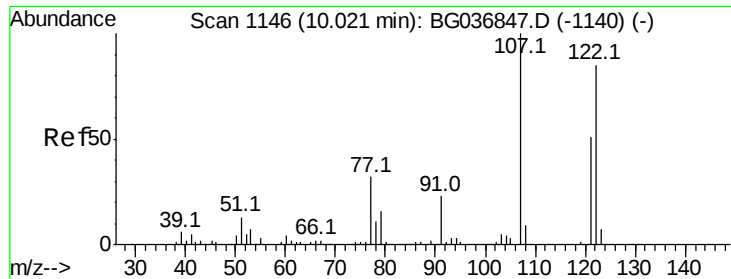
Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 89061 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 37.3  | 27.4  | 41.0  |
| 65        | 65.3  | 47.8  | 71.6  |





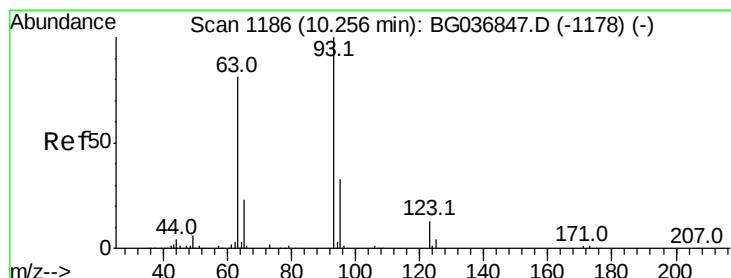
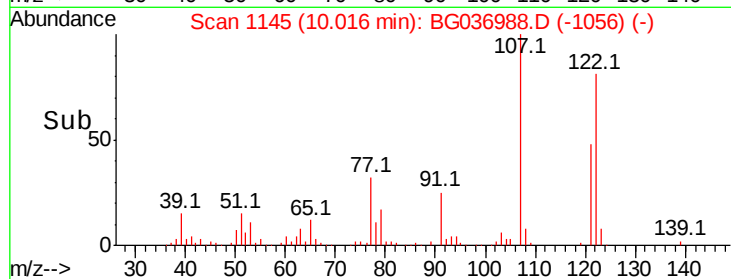
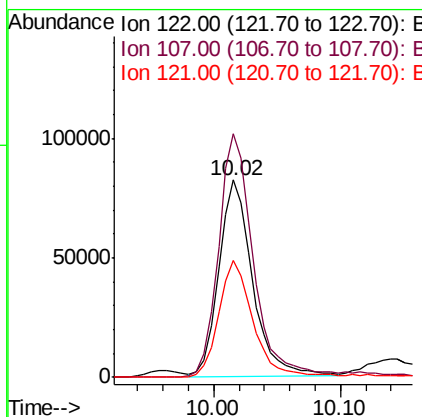
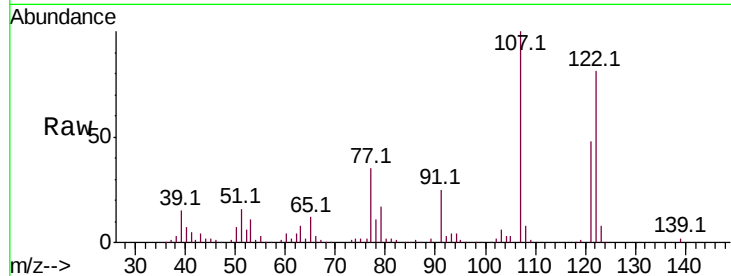
#27  
 2,4-Dimethylphenol  
 Concen: 61.460 ng  
 RT: 10.02 min Scan# 1145  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 151108 |       |       |
| 107     | 123.5 | 96.0   | 144.0 |       |
| 121     | 59.0  | 48.2   | 72.4  |       |

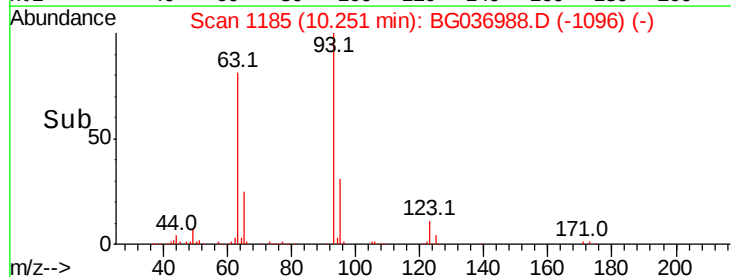
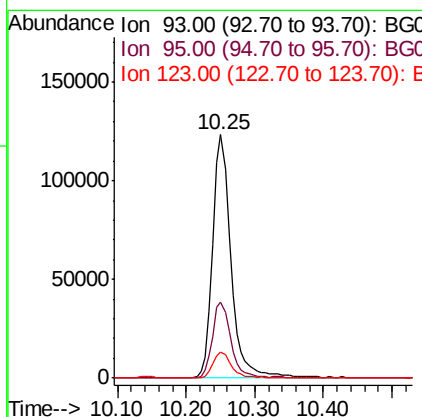
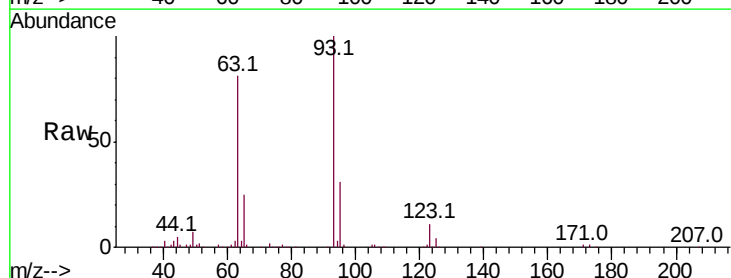
Manual Integrations  
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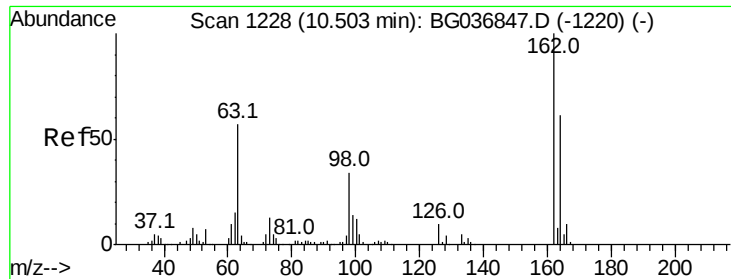
Sohil  
 9/27/2018 1:37:36 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 54.969 ng  
 RT: 10.25 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 229811 |       |       |
| 95      | 31.3  | 25.2   | 37.8  |       |
| 123     | 10.9  | 8.6    | 12.8  |       |





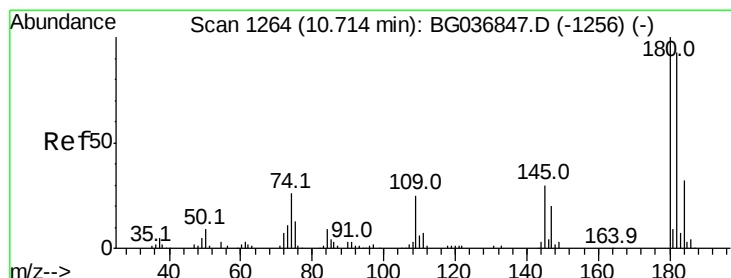
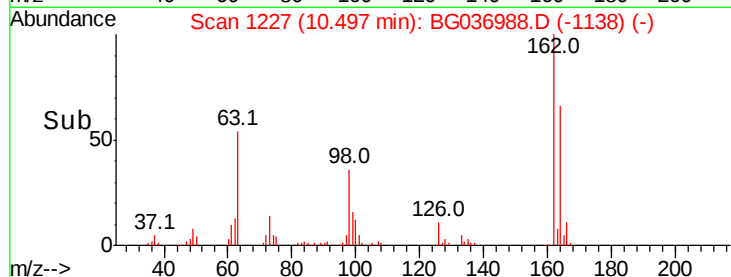
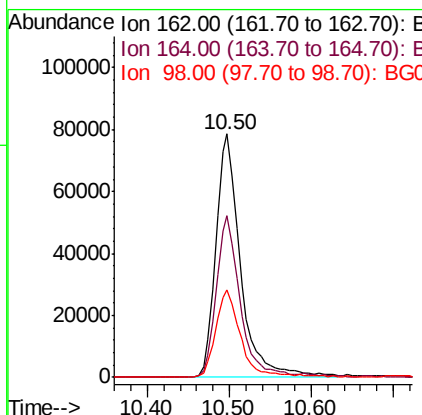
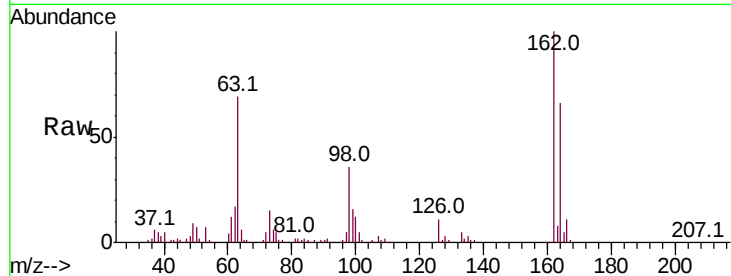
#29  
2,4-Dichlorophenol  
Concen: 58.033 ng  
RT: 10.50 min Scan# 1227  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 165402 |       |       |
| 164     | 66.5  | 47.6   | 87.6  |       |
| 98      | 35.9  | 19.2   | 59.2  |       |

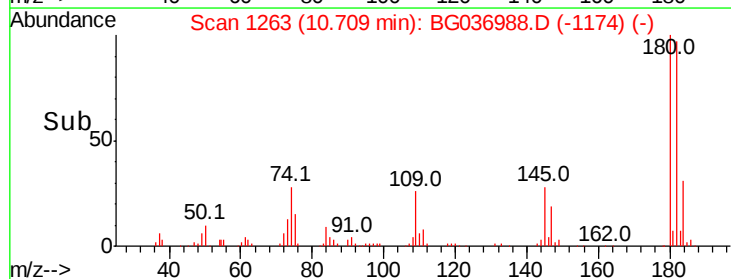
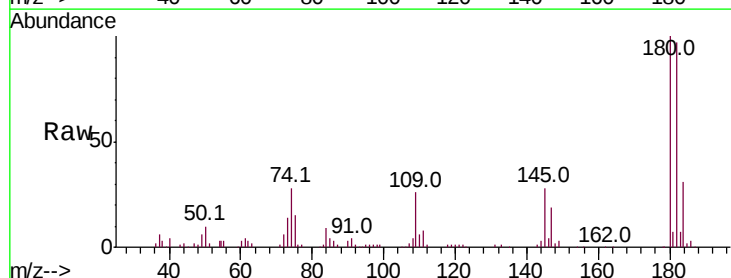
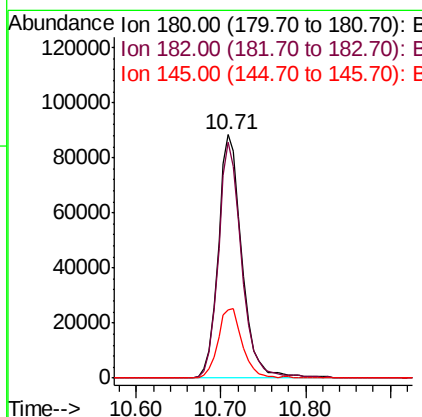
Manual Integrations  
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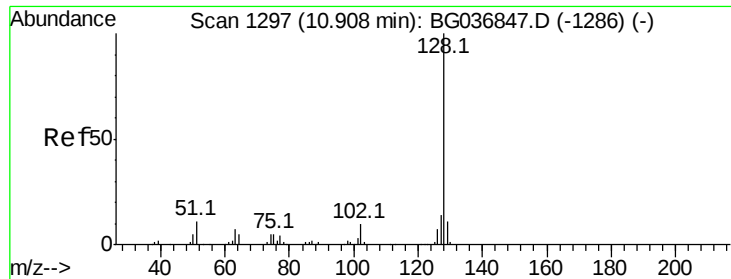
Sohil  
9/27/2018 1:37:36 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 48.330 ng  
RT: 10.71 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 172382 |       |       |
| 182     | 97.0  | 76.0   | 114.0 |       |
| 145     | 28.2  | 22.9   | 34.3  |       |





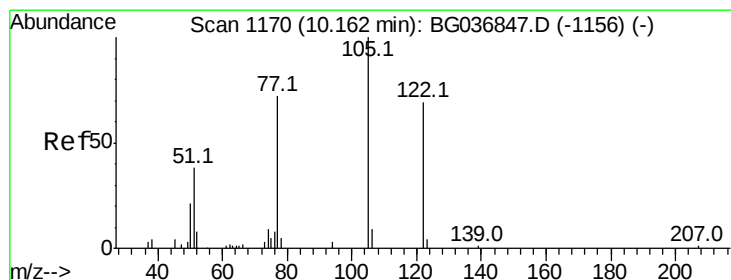
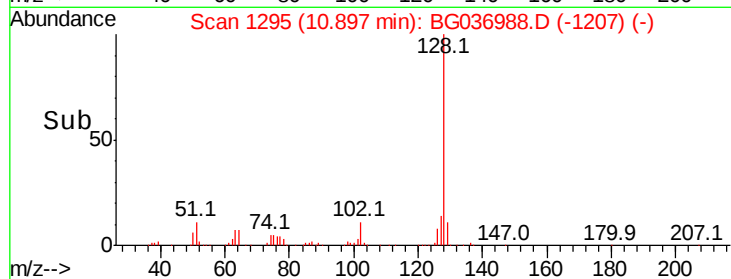
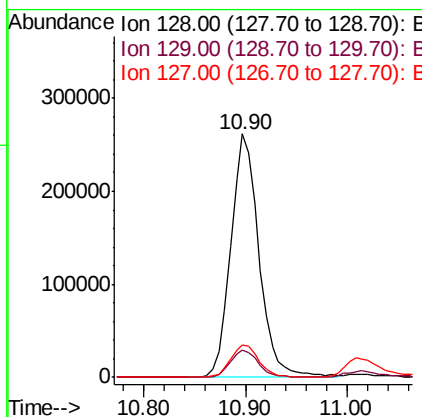
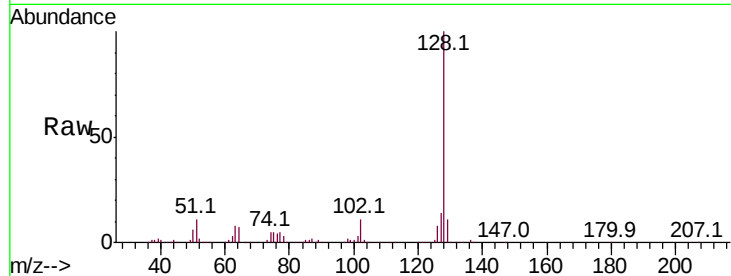
#31  
Naphthalene  
Concen: 53.392 ng  
RT: 10.90 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 504447 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.4  | 9.4   | 14.2   |
| 127       | 13.6  | 11.0  | 16.4   |

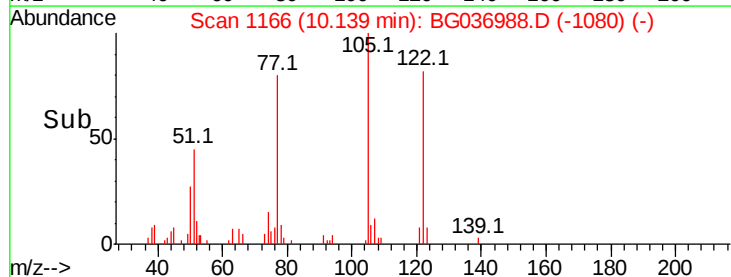
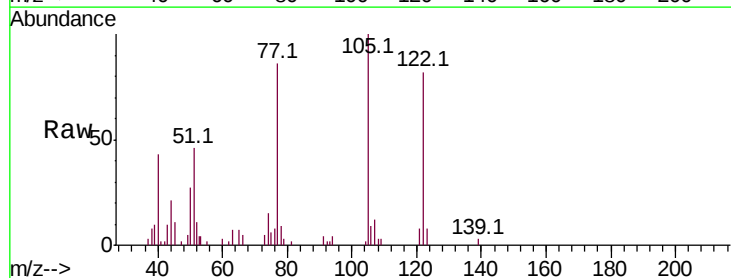
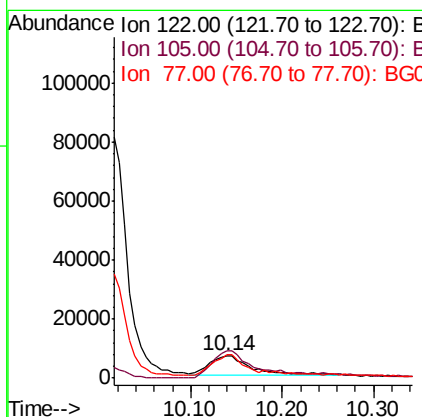
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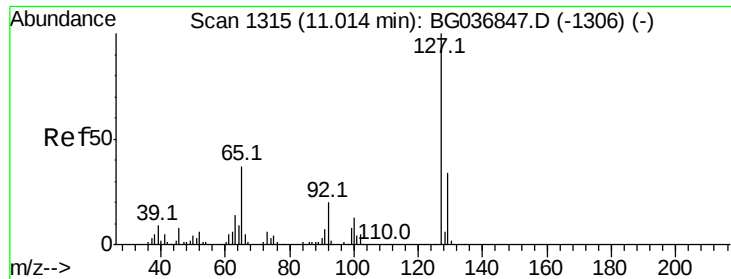
Sohil  
9/27/2018 1:37:36 PM



#32  
Benzoic acid  
Concen: 15.592 ng m  
RT: 10.14 min Scan# 1166  
Delta R.T. -0.02 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 20950 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 121.9 | 108.1 | 148.1 |
| 77        | 104.3 | 76.3  | 116.3 |





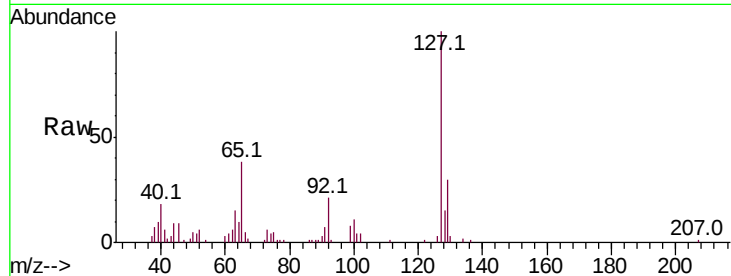
#33  
4-Chloroaniline  
Concen: 12.228 ng  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.9  | 25.9  | 38.9  |
| 65      | 37.6  | 27.5  | 41.3  |
| 92      | 21.0  | 16.2  | 24.2  |

Manual Integrations  
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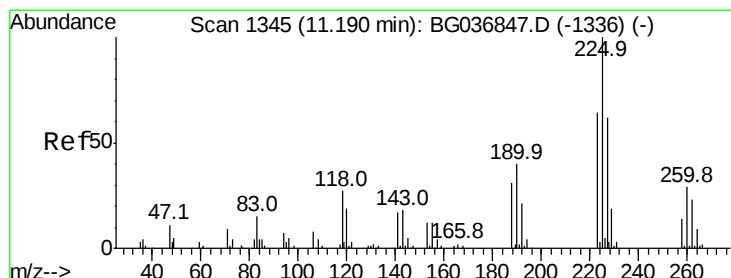
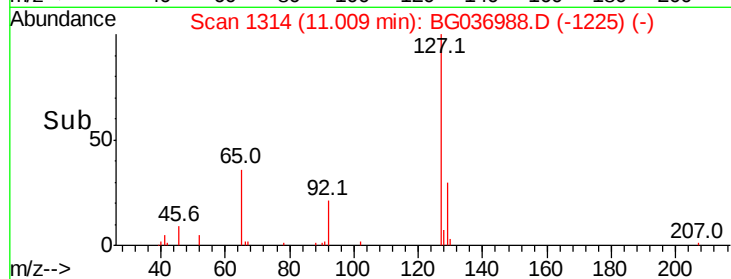
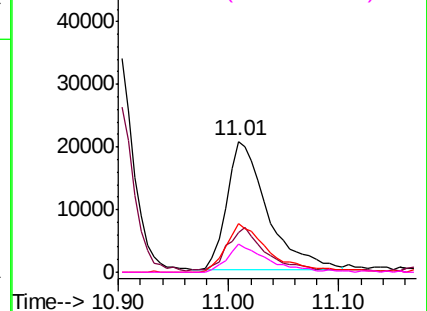
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

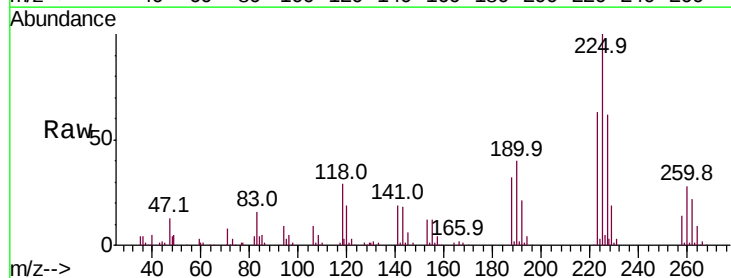
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 48.288 ng  
RT: 11.18 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 51.8  | 77.8  |
| 227     | 61.7  | 49.8  | 74.6  |

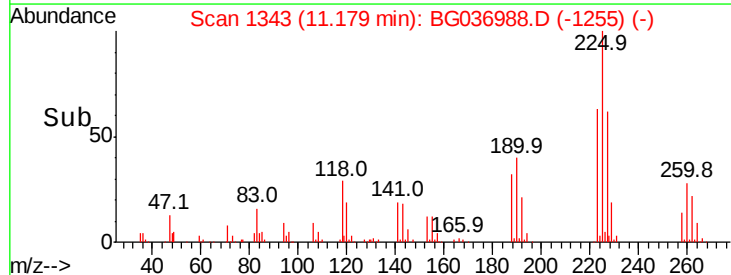
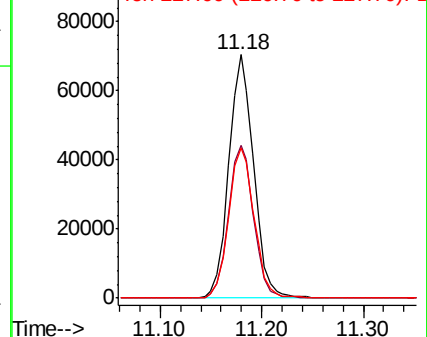


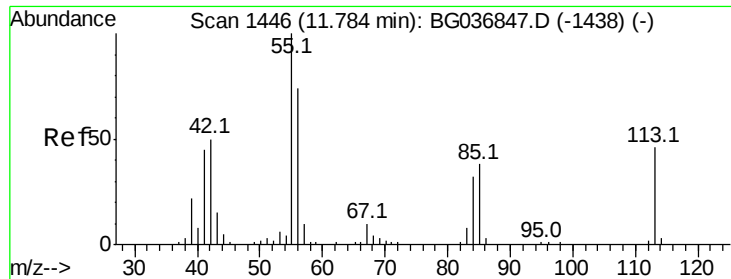
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.343 ng/mL

RT: 11.79 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

ClientSampleID :

CL-02-092518-AMS

Tot Ion:113 Resp: 39113

Ion Ratio Lower Upper

113 100

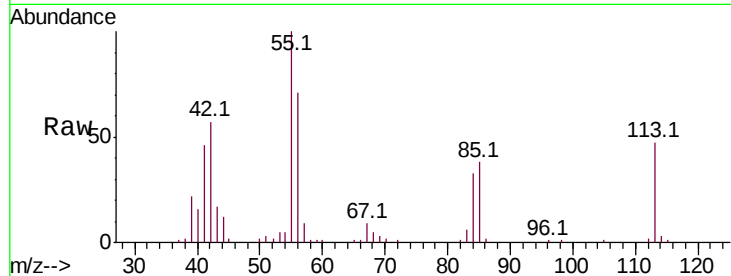
55 211.1 197.7 237.7

56 150.1 131.7 171.7

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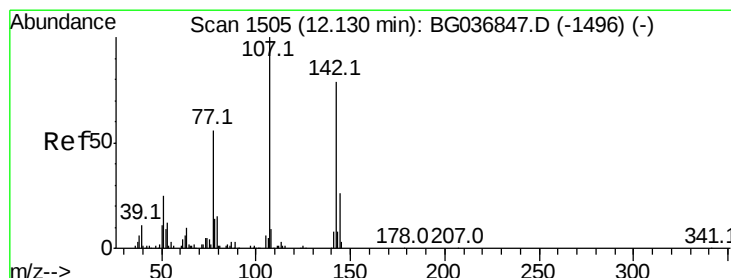
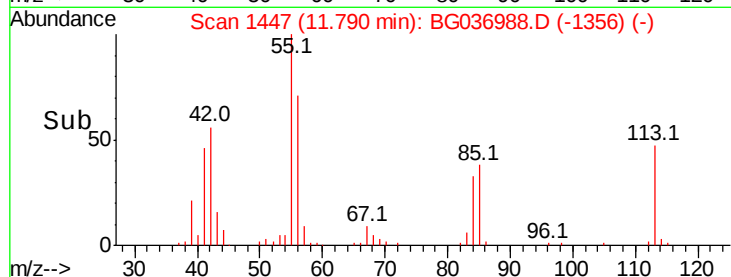
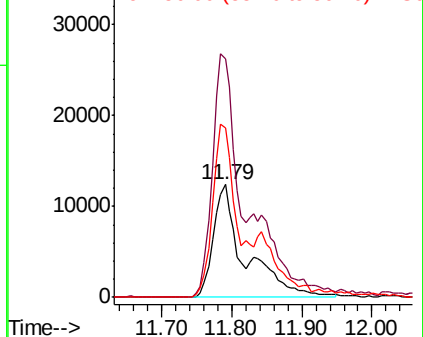
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036847.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG036847.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 53.977 ng/mL

RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

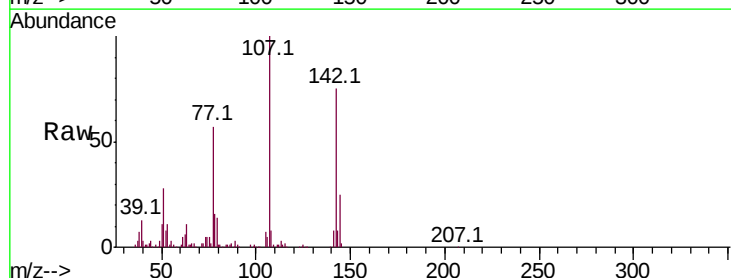
Tgt Ion:107 Resp: 183562

Ion Ratio Lower Upper

107 100

144 24.8 19.5 29.3

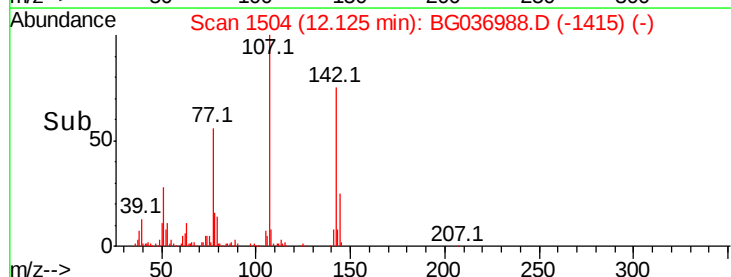
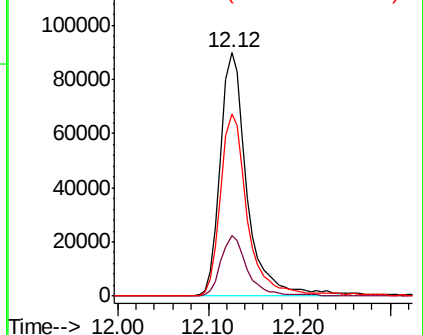
142 74.8 62.4 93.6

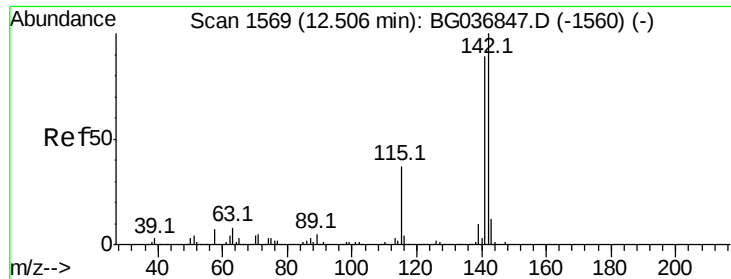


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.908 ng

RT: 12.50 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

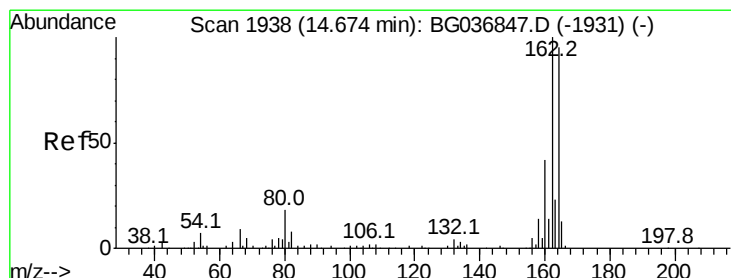
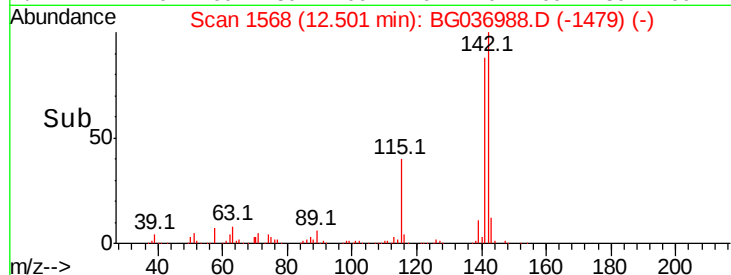
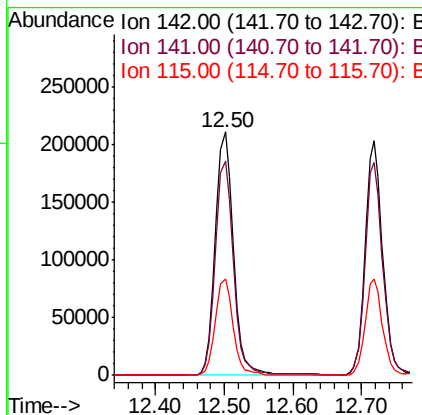
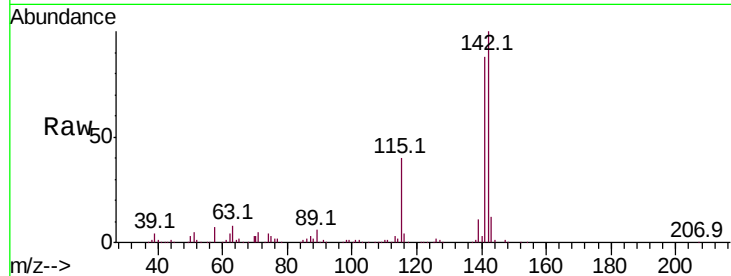
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 387910 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 88.0  | 68.5  | 102.7  |
| 115       | 39.8  | 29.8  | 44.8   |

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#38

Acenaphthene-d10

Concen: 20.000 ng

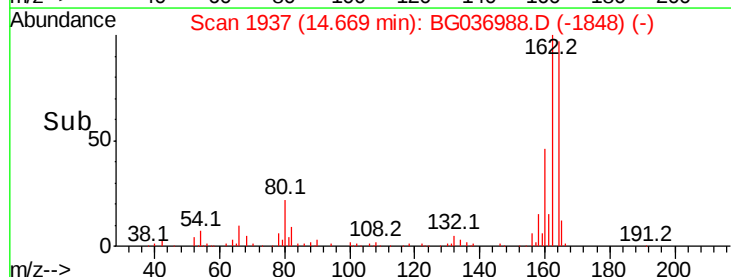
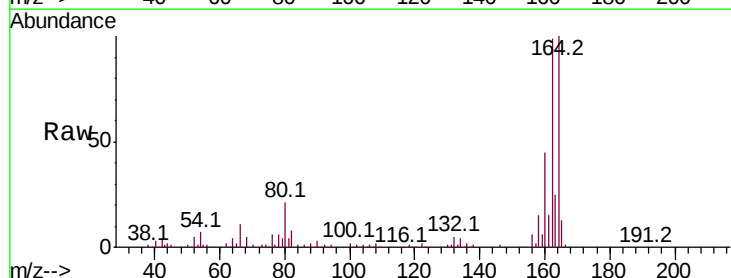
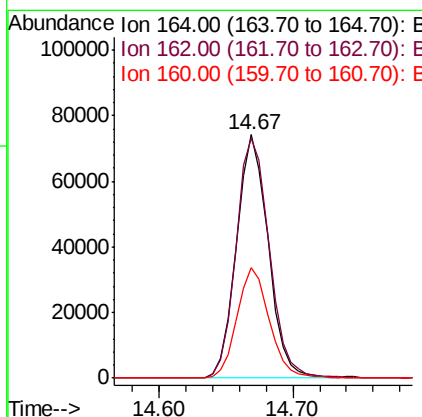
RT: 14.67 min Scan# 1937

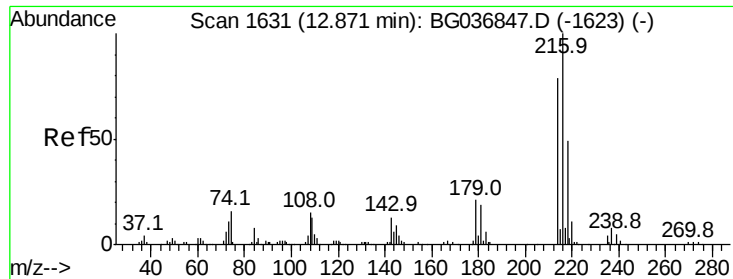
Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 122538 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 98.7  | 80.7  | 121.1  |
| 160       | 45.3  | 35.3  | 52.9   |





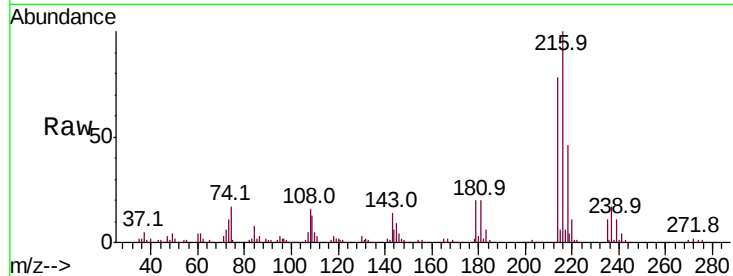
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 52.272 ng  
 RT: 12.87 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

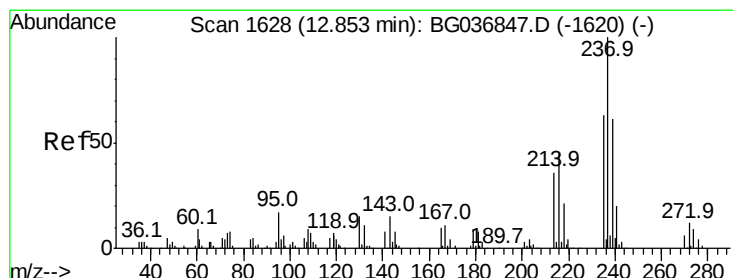
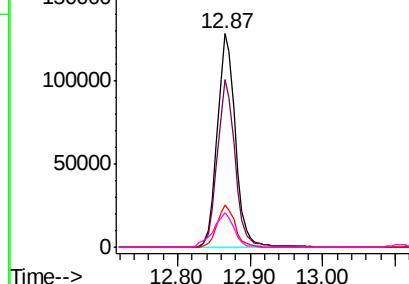
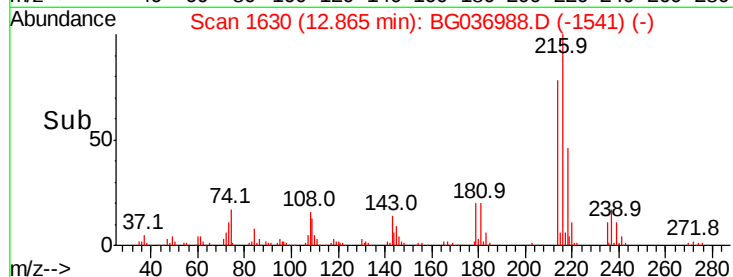
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 223406 |       |       |
| 214     | 77.5  | 61.0   | 91.6  |       |
| 179     | 19.3  | 15.7   | 23.5  |       |
| 108     | 18.7  | 13.1   | 19.7  |       |

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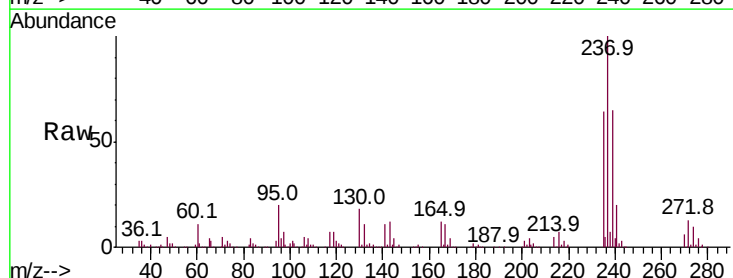


Abundance Ion 216.00 (215.70 to 216.70): E  
 200000  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

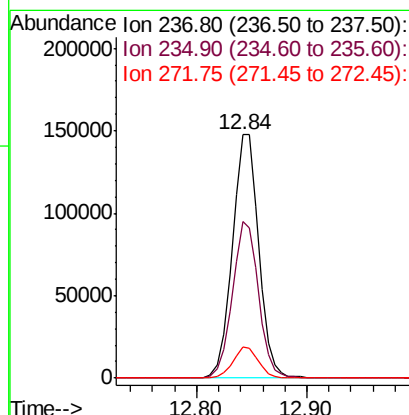
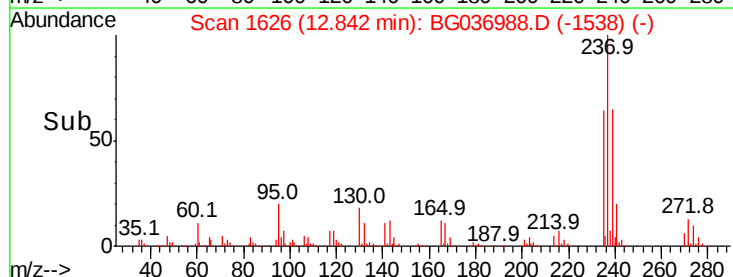


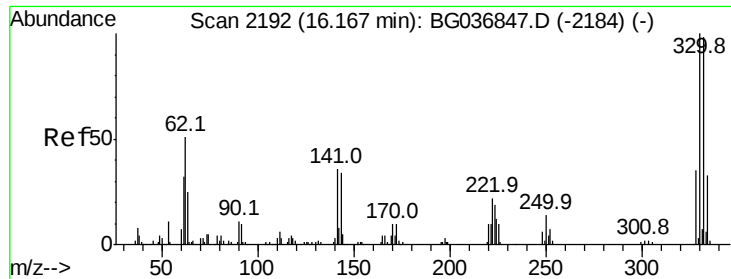
#40  
 Hexachlorocyclopentadiene  
 Concen: 112.463 ng  
 RT: 12.84 min Scan# 1626  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 247203 |       |       |
| 235     | 64.5  | 42.2   | 82.2  |       |
| 272     | 12.6  | 0.0    | 32.1  |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
 200000  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 129.718 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

ClientSampleId :

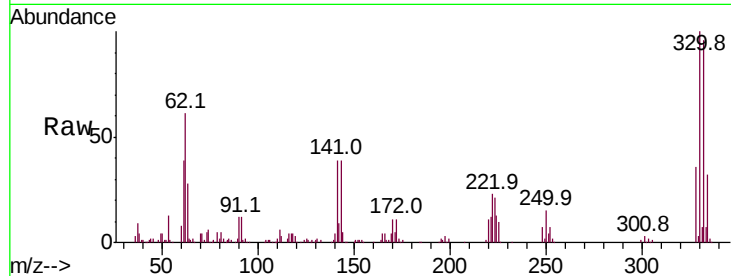
CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 190178 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.4  | 75.4  | 113.2  |
| 141       | 39.9  | 30.7  | 46.1   |

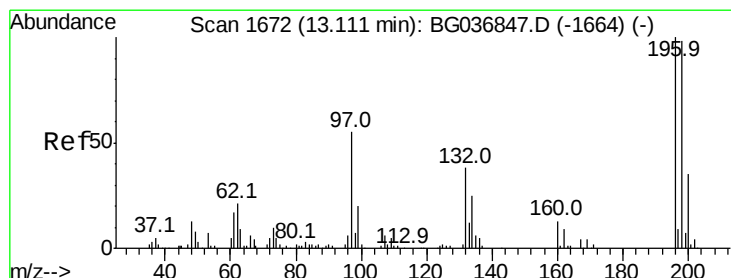
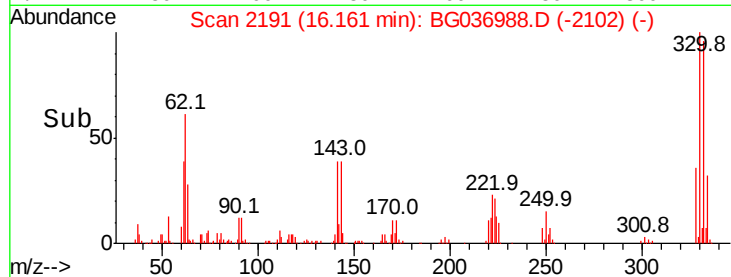
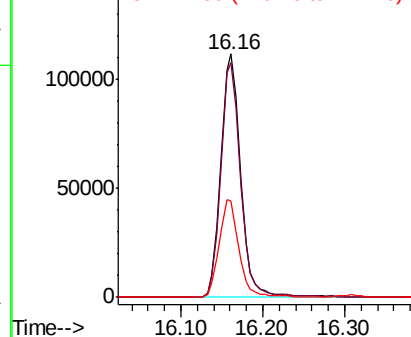
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Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 58.158 ng

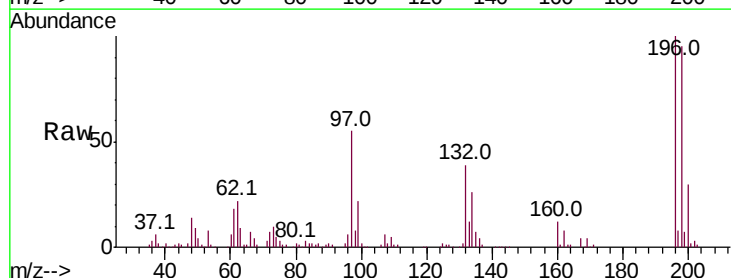
RT: 13.11 min Scan# 1671

Delta R.T. -0.01 min

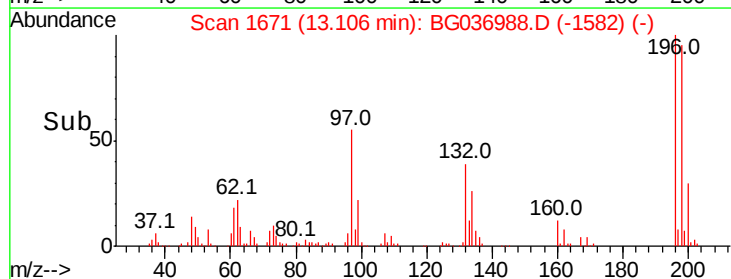
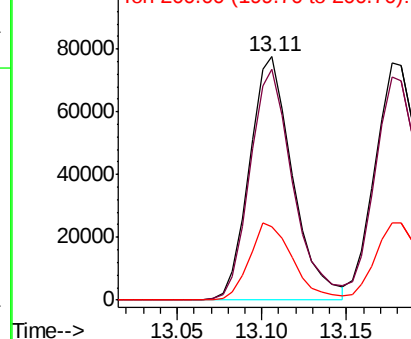
Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 138028 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.6  | 77.2  | 115.8  |
| 200       | 30.3  | 26.3  | 39.5   |



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





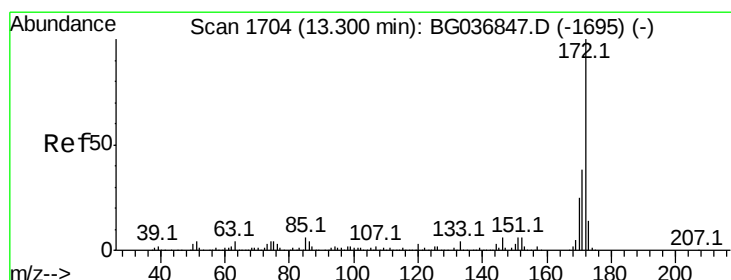
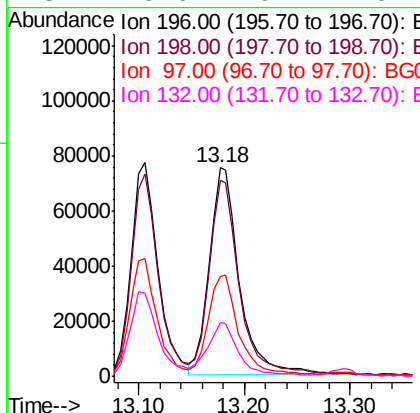
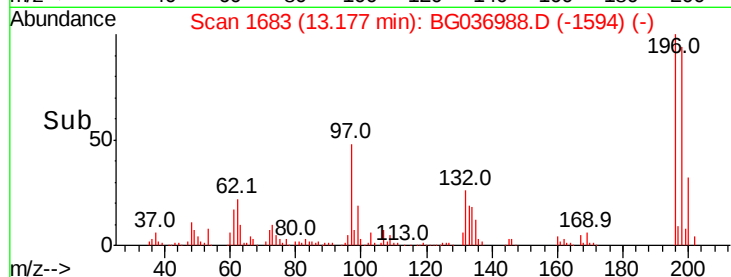
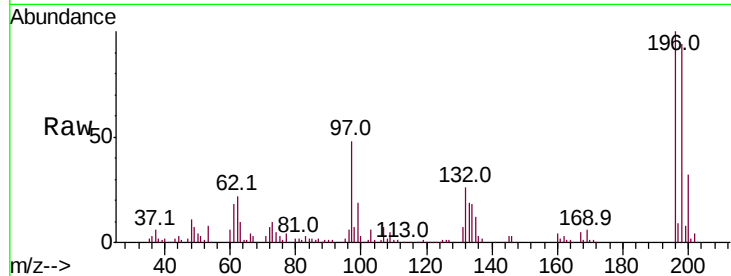
#43  
 2,4,5-Trichlorophenol  
 Concen: 58.898 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 149052 |       |       |
| 198     | 93.8  | 75.6   | 113.4 |       |
| 97      | 48.2  | 37.2   | 55.8  |       |
| 132     | 25.6  | 19.4   | 29.2  |       |

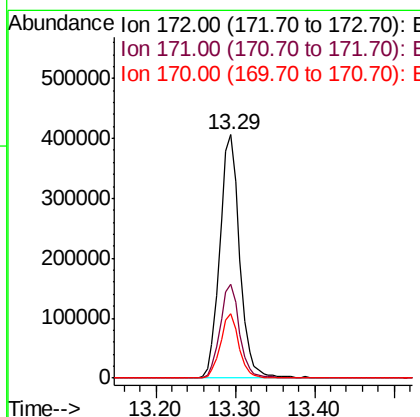
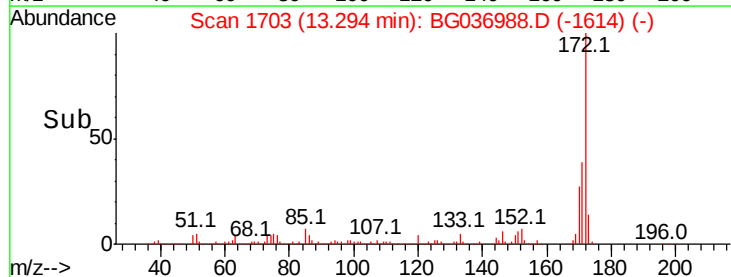
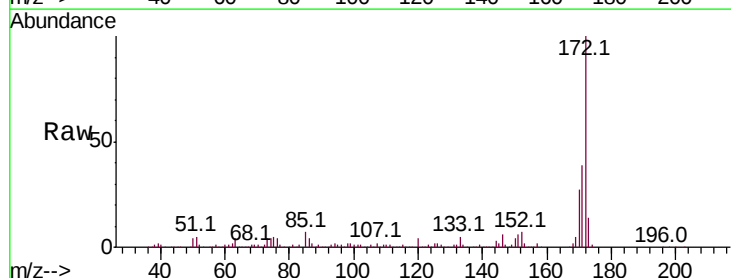
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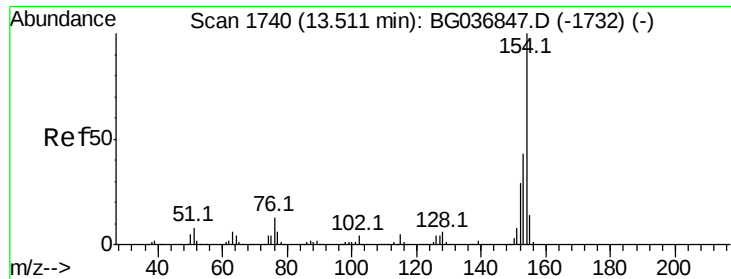
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#44  
 2-Fluorobiphenyl  
 Concen: 85.558 ng  
 RT: 13.29 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 703922 |       |       |
| 171     | 38.6  | 31.3   | 46.9  |       |
| 170     | 26.7  | 21.0   | 31.6  |       |





#45

1,1'-Biphenyl

Concen: 53.753 ng

RT: 13.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

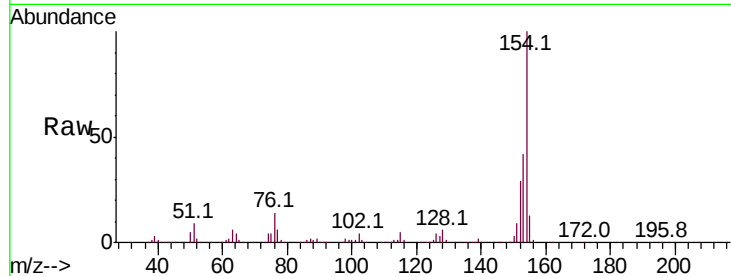
ClientSampleId :

CL-02-092518-AMS

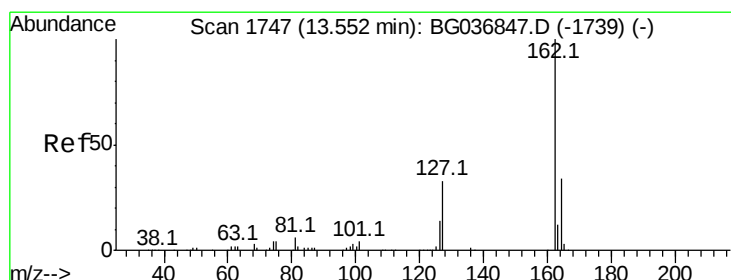
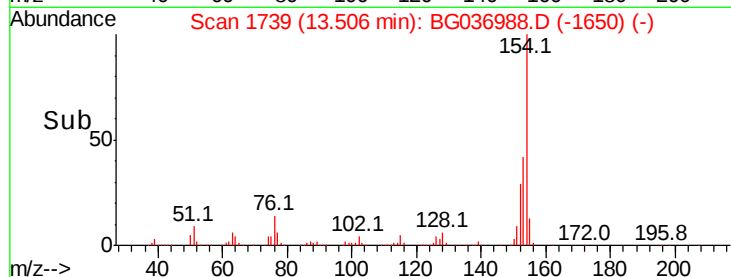
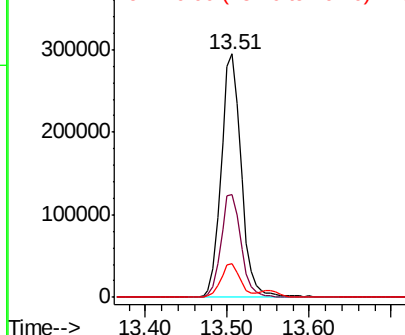
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 504454 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 42.1  | 24.0  | 64.0   |
| 76        | 14.0  | 0.0   | 32.9   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 51.581 ng

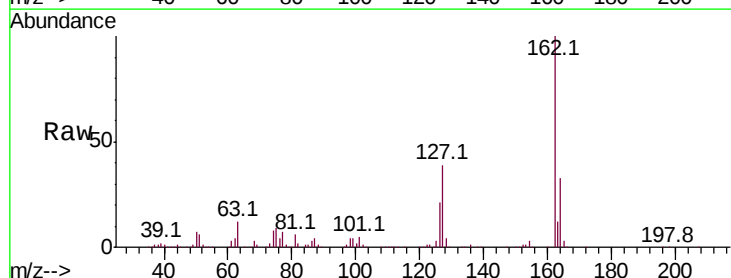
RT: 13.55 min Scan# 1746

Delta R.T. -0.01 min

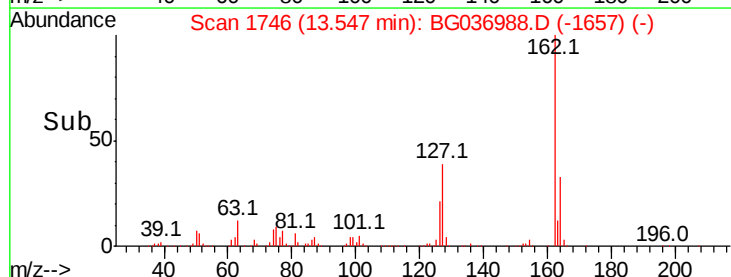
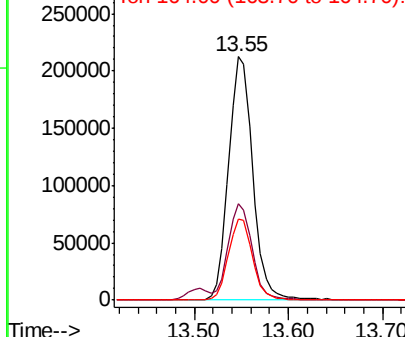
Lab File: BG036988.D

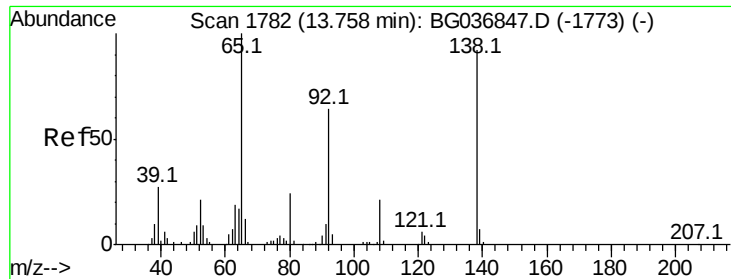
Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 380680 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.5  | 30.7  | 46.1   |
| 164       | 33.1  | 26.7  | 40.1   |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 57.408 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

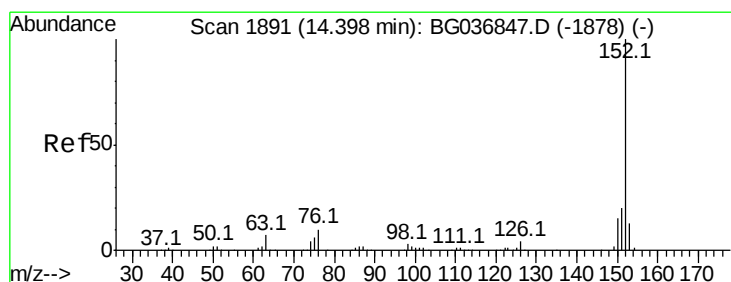
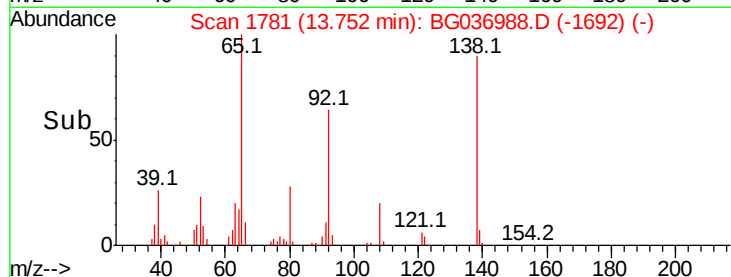
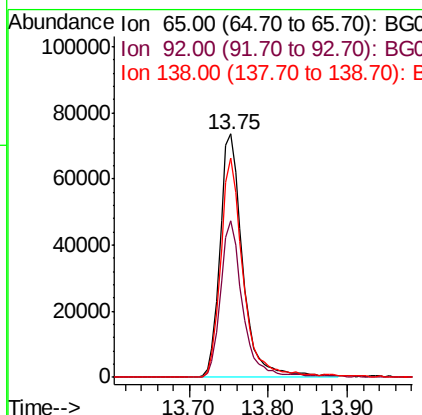
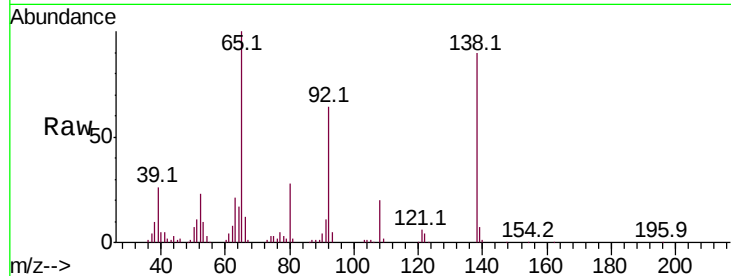
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 146546 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 64.1  | 49.9  | 74.9   |
| 138       | 89.9  | 76.2  | 114.4  |

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#48

Acenaphthylene

Concen: 55.852 ng

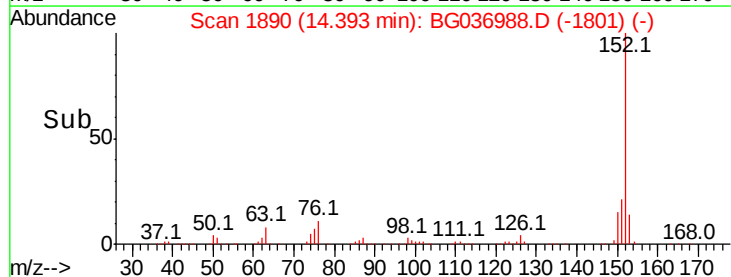
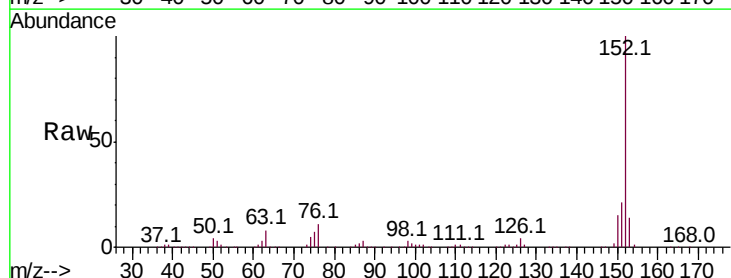
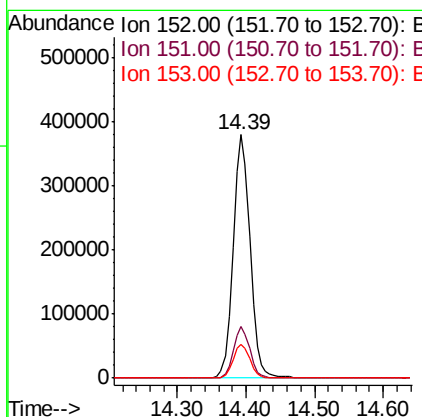
RT: 14.39 min Scan# 1890

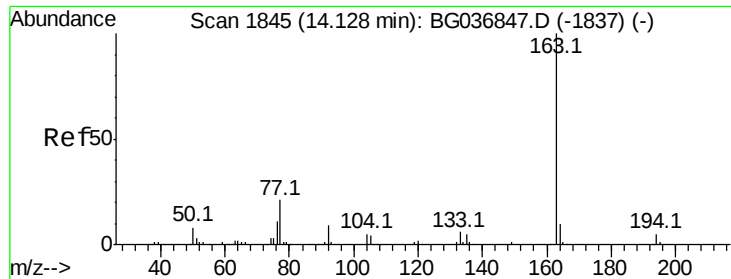
Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 645925 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.2  | 16.9  | 25.3   |
| 153       | 13.8  | 11.2  | 16.8   |





#49

Dimethylphthalate

Concen: 51.247 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

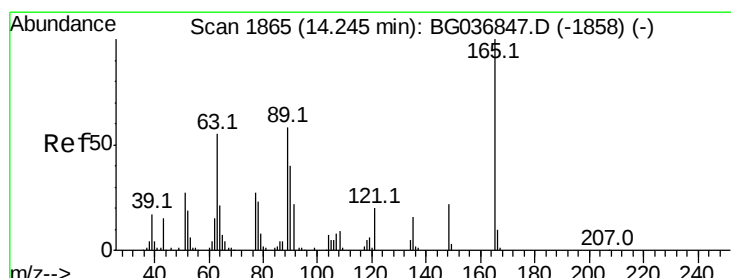
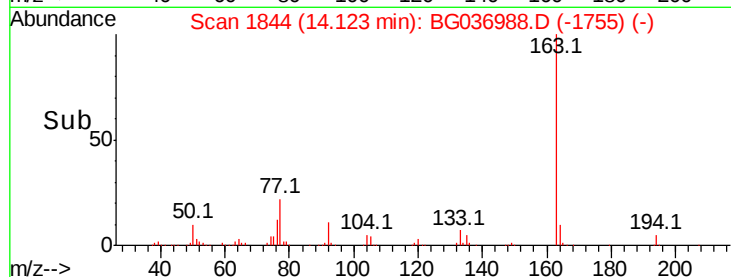
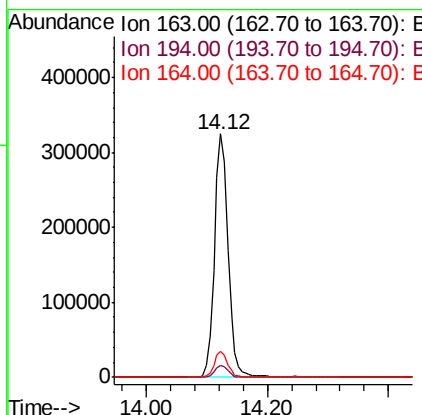
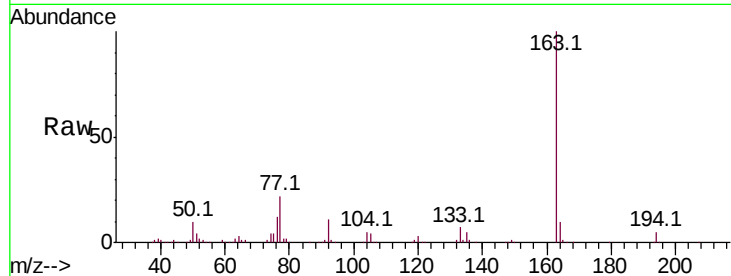
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 505478 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.9   | 4.0   | 6.0    |
| 164       | 10.4  | 8.1   | 12.1   |

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#50

2,6-Dinitrotoluene

Concen: 52.169 ng

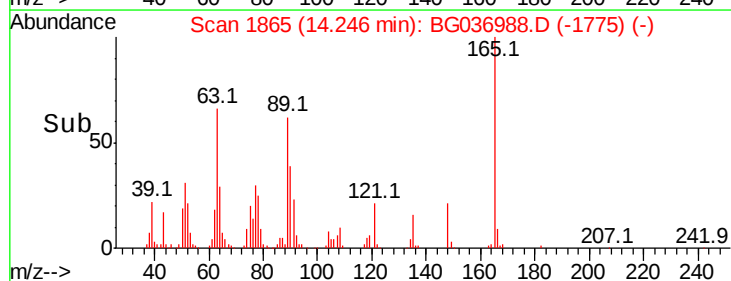
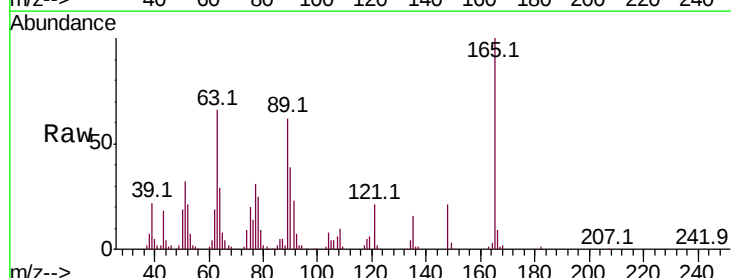
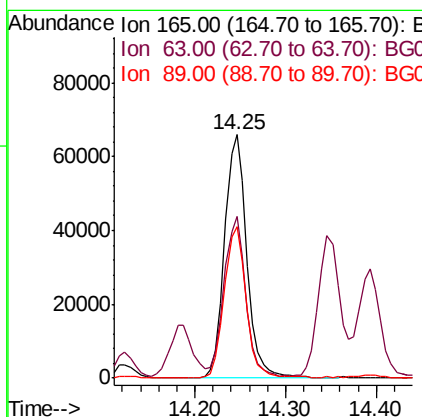
RT: 14.25 min Scan# 1865

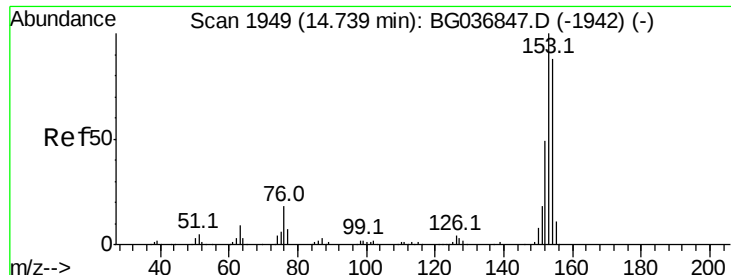
Delta R.T. 0.00 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 112269 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 66.3  | 50.1  | 75.1   |
| 89        | 62.4  | 47.8  | 71.6   |





#51

Acenaphthene

Concen: 53.164 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

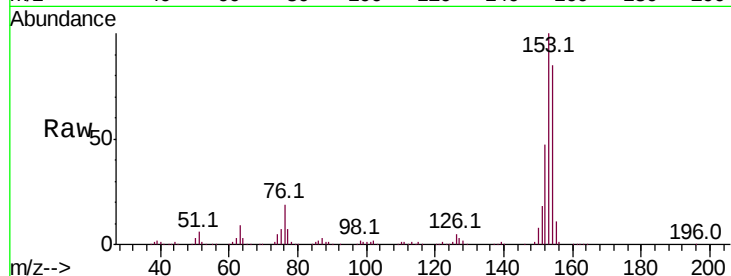
ClientSampleId :

CL-02-092518-AMS

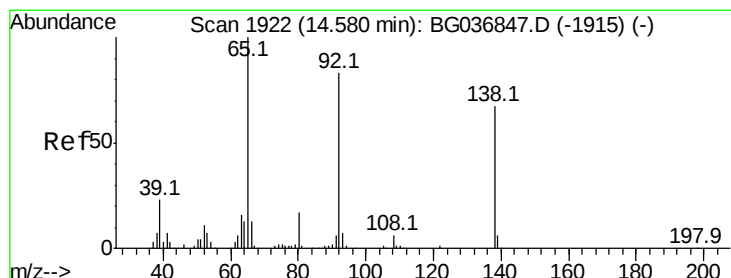
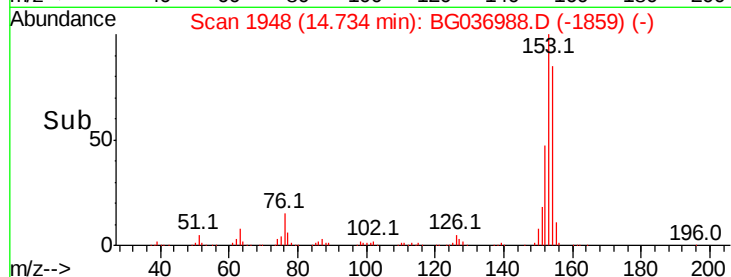
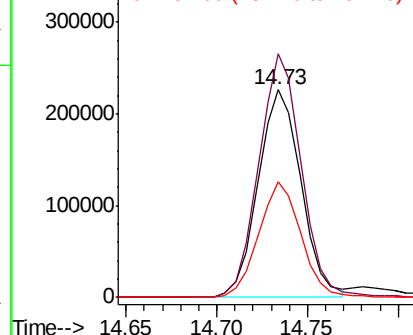
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 371595 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 117.4 | 91.8  | 137.6  |
| 152       | 55.6  | 43.5  | 65.3   |

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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



#52

3-Nitroaniline

Concen: 29.051 ng

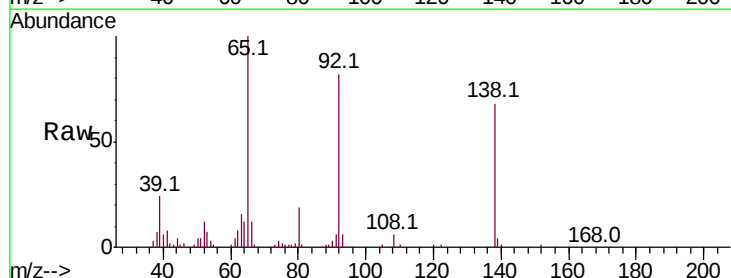
RT: 14.58 min Scan# 1922

Delta R.T. 0.00 min

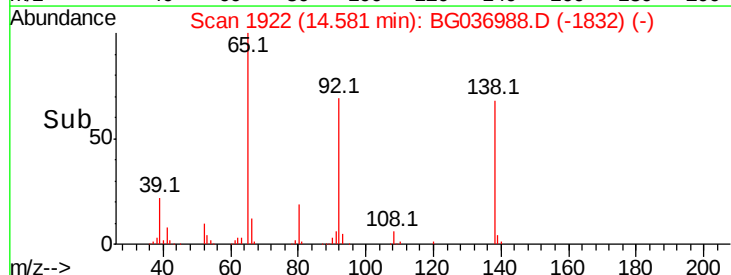
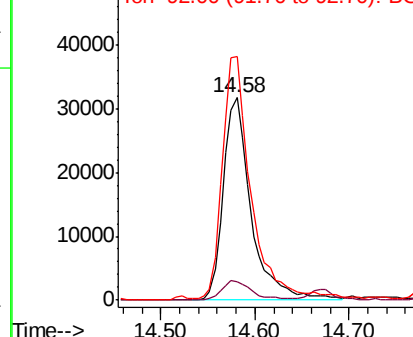
Lab File: BG036988.D

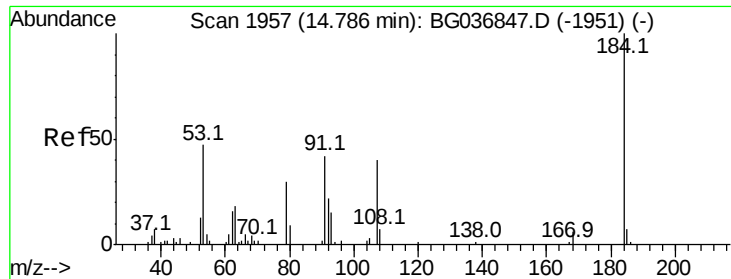
Acq: 26 Sep 2018 19:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 65880 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.1   | 9.4   | 14.2# |
| 92        | 120.3 | 96.8  | 145.2 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGO





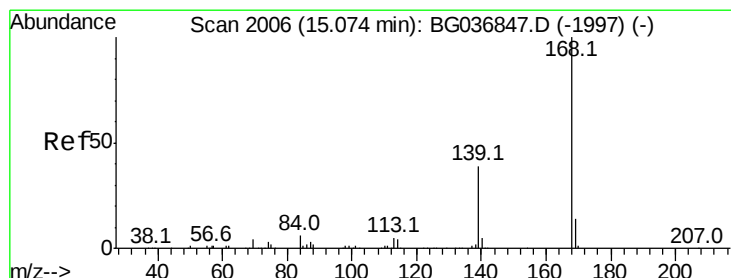
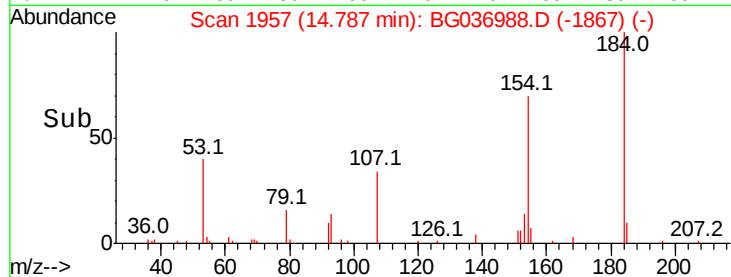
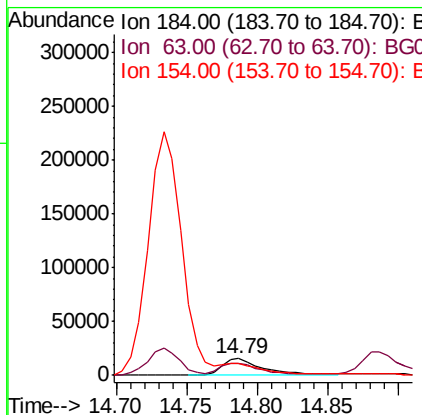
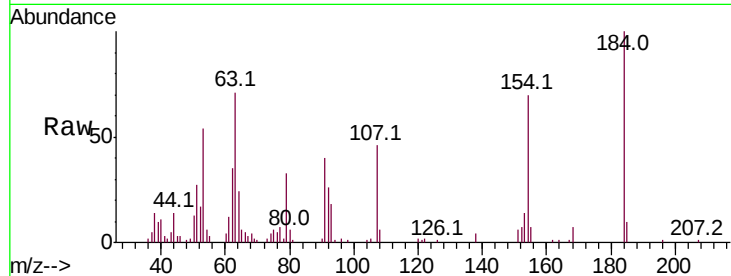
#53  
 2,4-Dinitrophenol  
 Concen: 36.483 ng  
 RT: 14.79 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 70.6  | 47.3 | 70.9  |       |
| 154     | 70.4  | 51.1 | 76.7  |       |

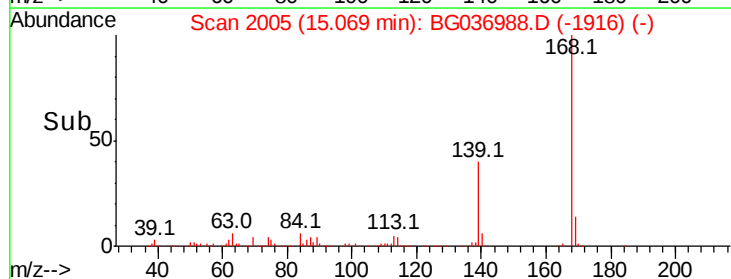
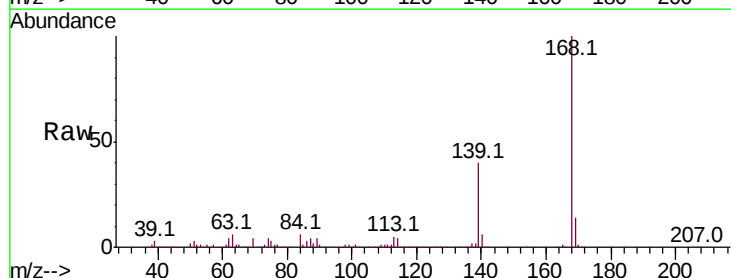
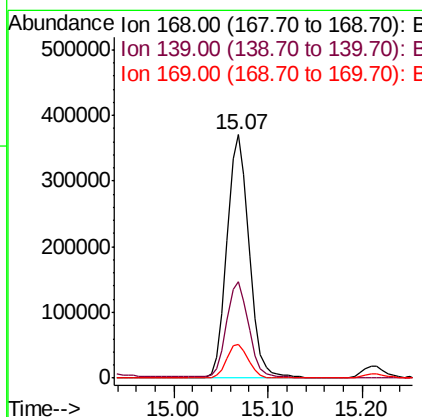
Manual Integrations  
 APPROVED

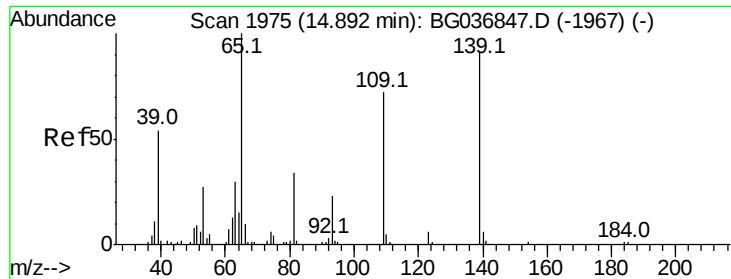
Sohil  
 9/27/2018 1:37:36 PM



#54  
 Dibenzofuran  
 Concen: 51.512 ng  
 RT: 15.07 min Scan# 2005  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.6  | 31.0 | 46.6  |       |
| 169     | 13.9  | 11.1 | 16.7  |       |





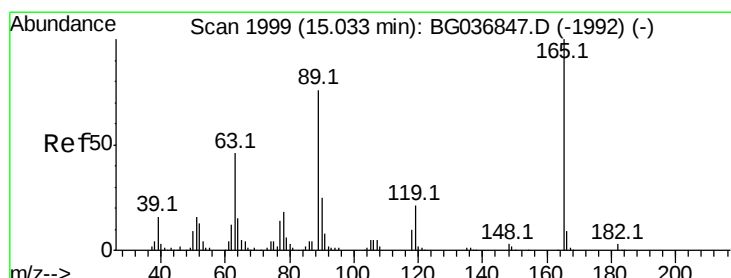
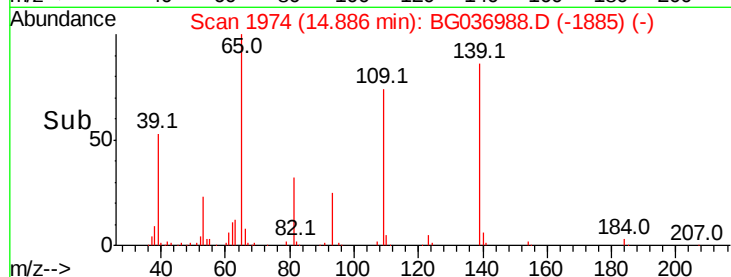
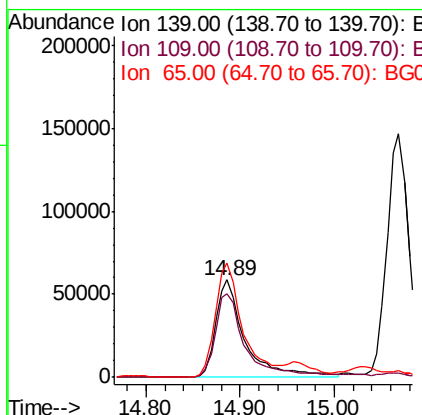
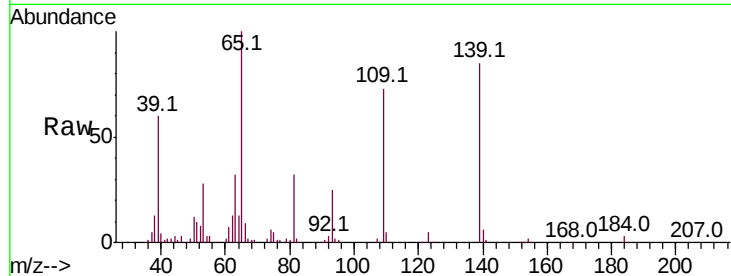
#55  
4-Nitrophenol  
Concen: 88.520 ng  
RT: 14.89 min Scan# 1974  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 128240 |       |       |
| 109     | 86.2  | 63.9   | 103.9 |       |
| 65      | 117.3 | 90.0   | 130.0 |       |

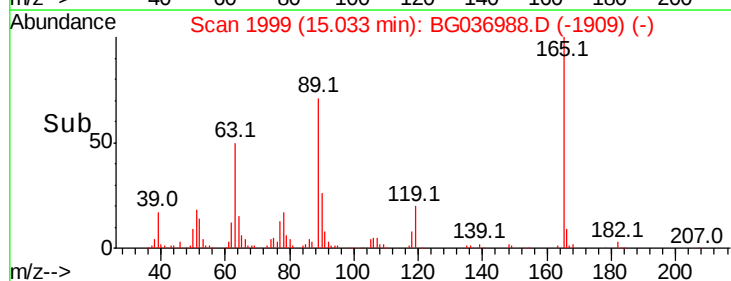
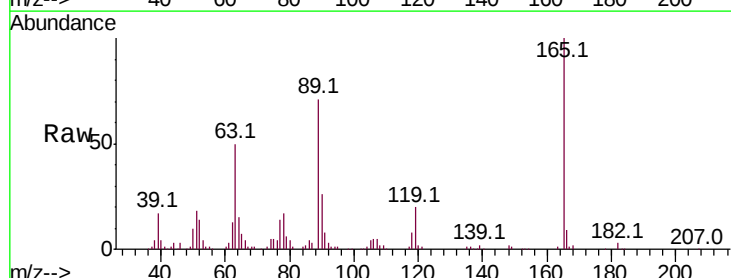
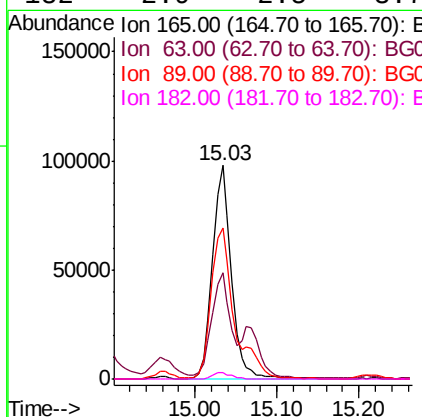
Manual Integrations  
APPROVED

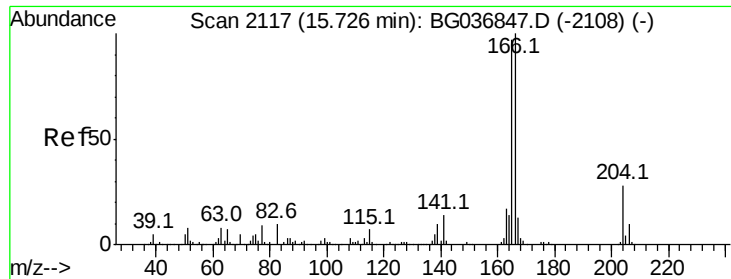
Sohil  
9/27/2018 1:37:36 PM



#56  
2,4-Dinitrotoluene  
Concen: 52.760 ng  
RT: 15.03 min Scan# 1999  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 158433 |       |       |
| 63      | 49.9  | 40.1   | 60.1  |       |
| 89      | 70.5  | 63.7   | 95.5  |       |
| 182     | 2.9   | 2.5    | 3.7   |       |





#57

Fluorene

Concen: 55.204 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

ClientSampleId :

CL-02-092518-AMS

Tot Ion:166 Resp: 487820

Ion Ratio Lower Upper

166 100

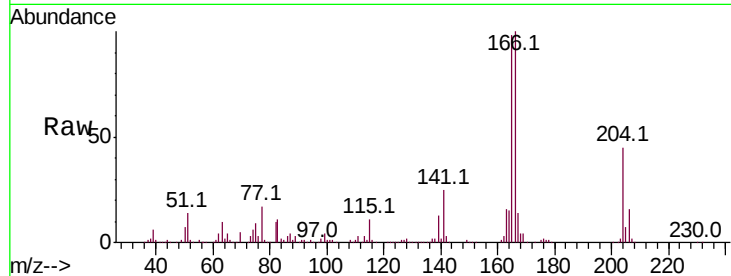
165 97.9 77.0 115.4

167 13.9 10.6 16.0

Manual Integrations  
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Sohil

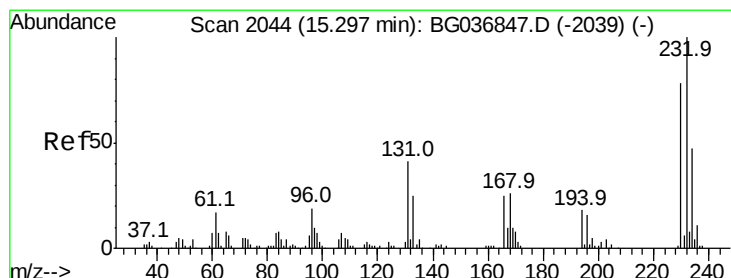
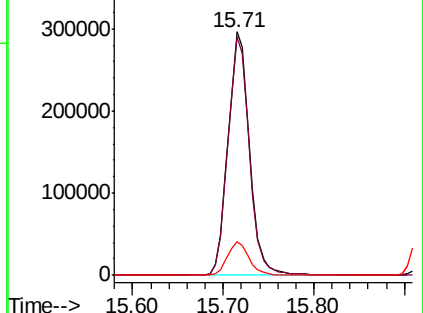
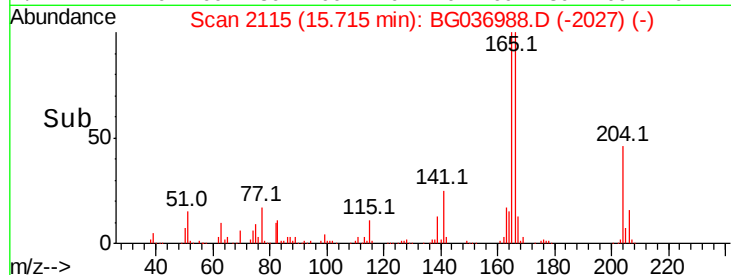
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.026 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Tgt Ion:232 Resp: 146400

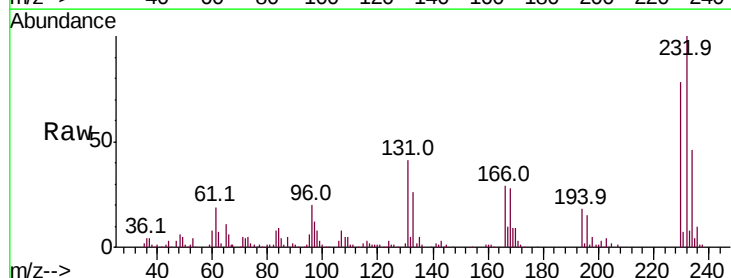
Ion Ratio Lower Upper

232 100

131 40.8 33.8 50.8

130 2.5 2.1 3.1

166 27.0 22.3 33.5

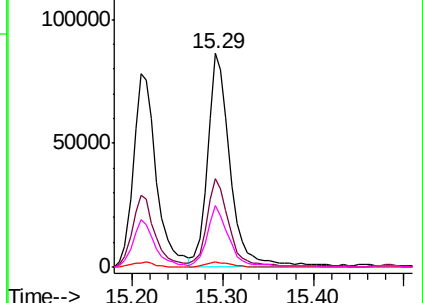
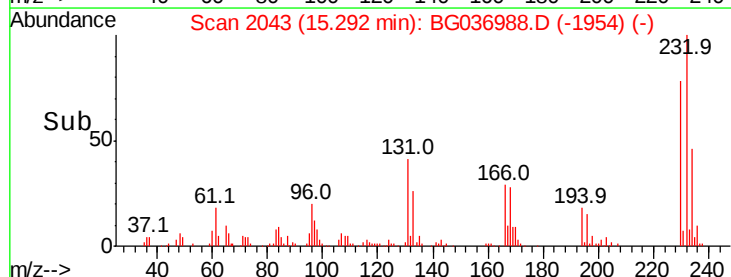


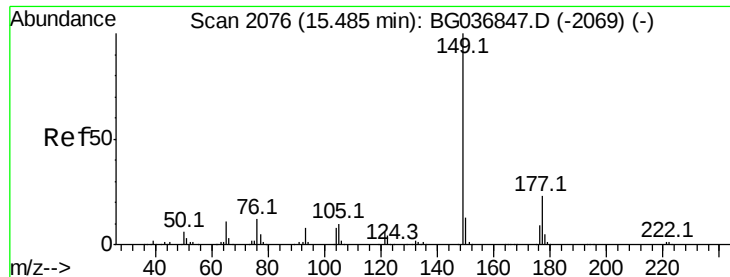
Abundance Ion 232.00 (231.70 to 232.70): E

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





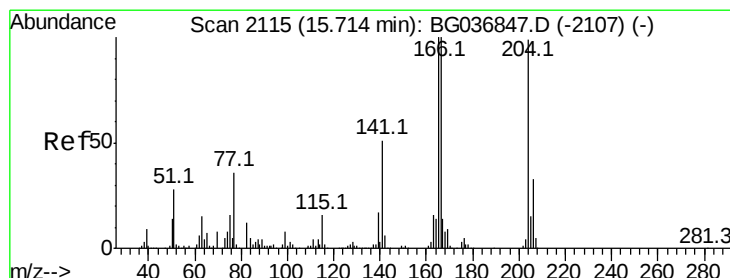
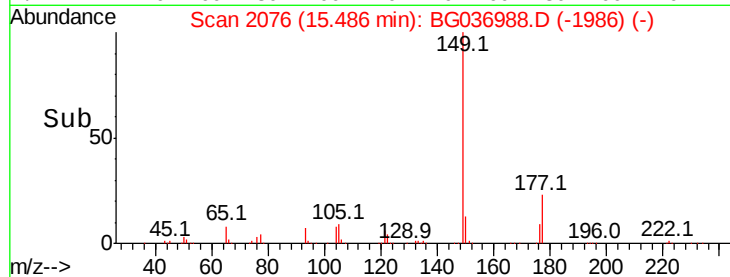
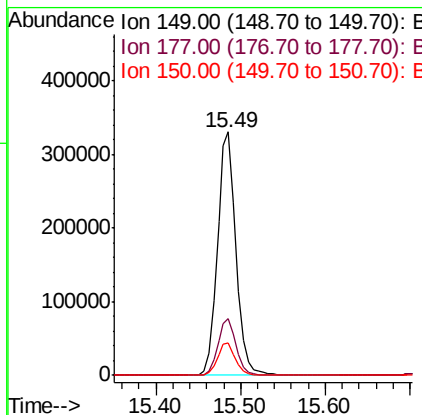
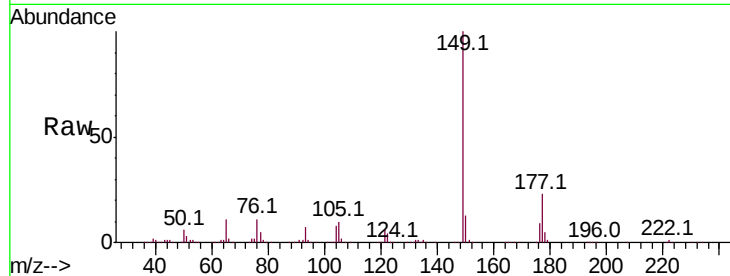
#59  
Diethylphthalate  
Concen: 50.829 ng  
RT: 15.49 min Scan# 2076  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 505659 |       |       |
| 177     | 23.4  | 19.1   | 28.7  |       |
| 150     | 13.1  | 10.7   | 16.1  |       |

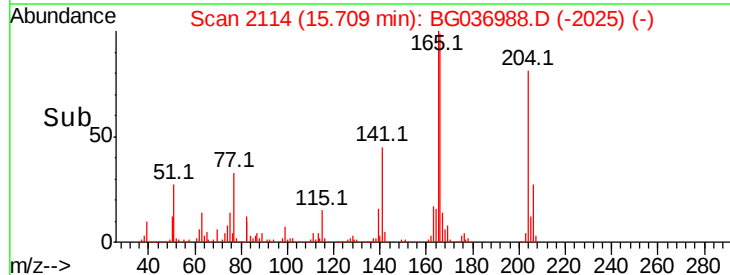
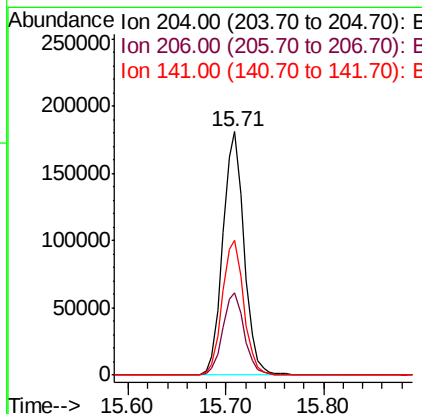
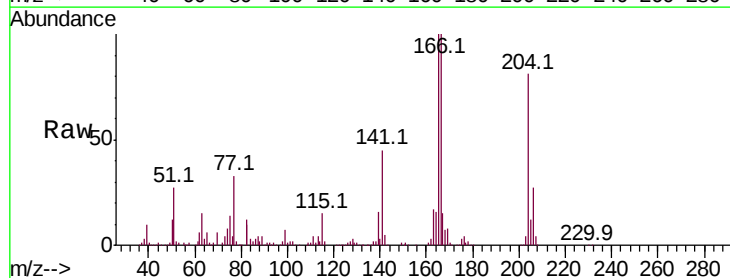
Manual Integrations  
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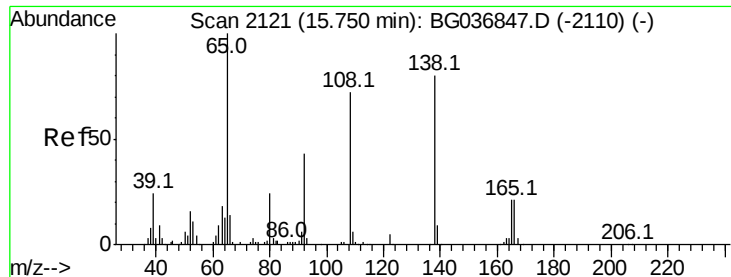
Sohil  
9/27/2018 1:37:36 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.821 ng  
RT: 15.71 min Scan# 2114  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 273211 |       |       |
| 206     | 33.6  | 27.0   | 40.4  |       |
| 141     | 55.2  | 43.8   | 65.6  |       |





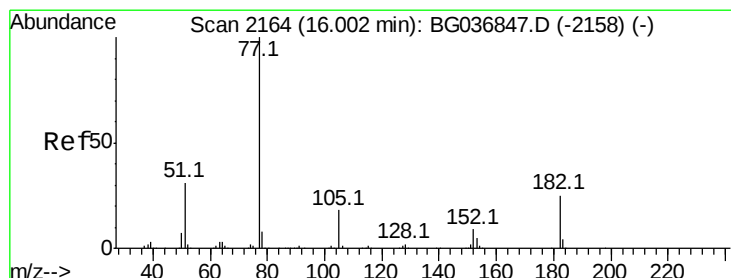
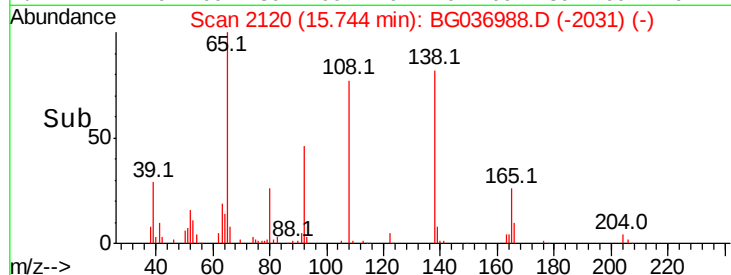
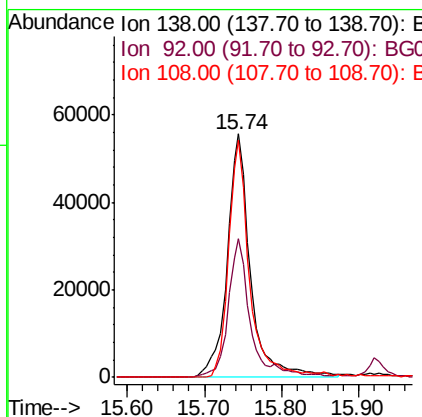
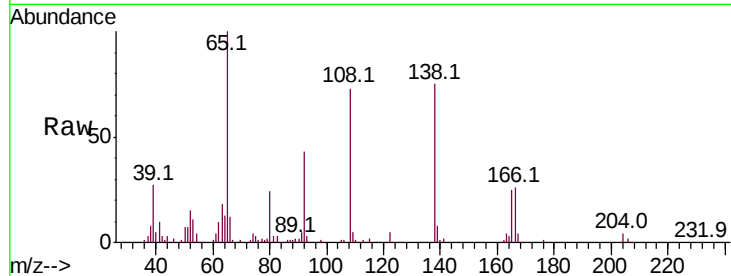
#61  
4-Nitroaniline  
Concen: 49.040 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

Tot Ion:138 Resp: 116977  
Ion Ratio Lower Upper  
138 100  
92 56.7 38.5 78.5  
108 97.4 70.3 110.3

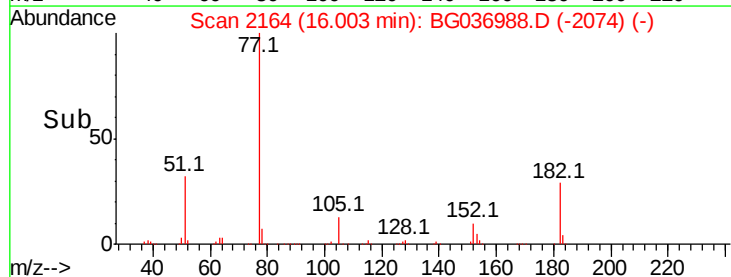
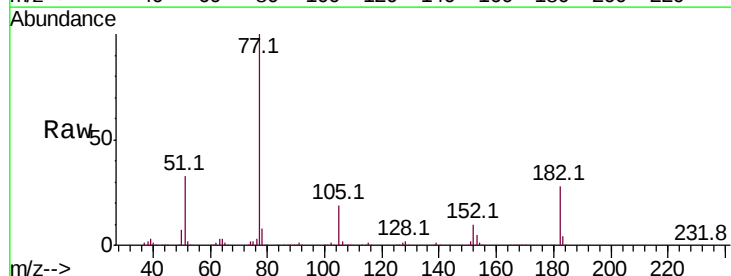
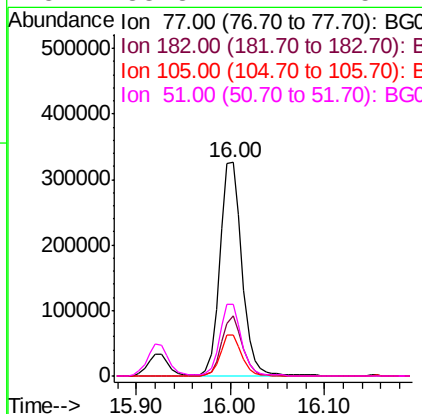
Manual Integrations  
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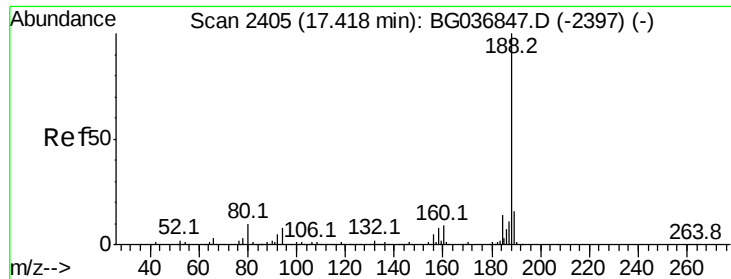
Sohil  
9/27/2018 1:37:36 PM



#62  
Azobenzene  
Concen: 55.561 ng  
RT: 16.00 min Scan# 2164  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Tgt Ion: 77 Resp: 531102  
Ion Ratio Lower Upper  
77 100  
182 27.9 6.7 46.7  
105 19.0 0.0 39.8  
51 33.3 12.4 52.4





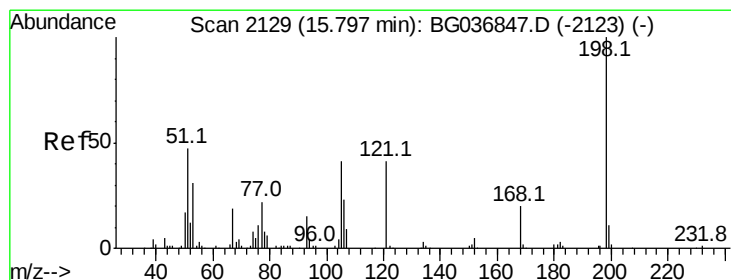
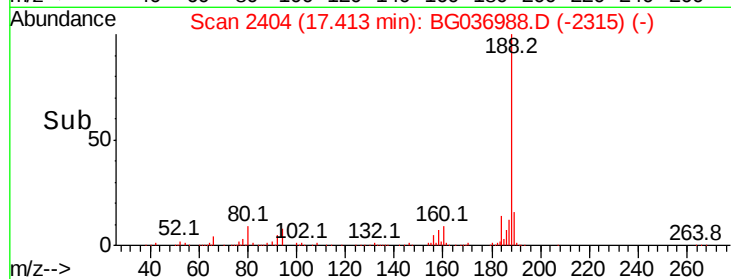
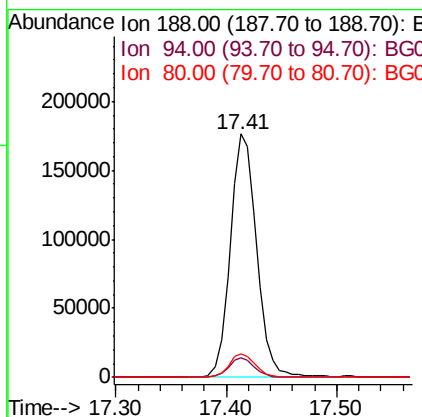
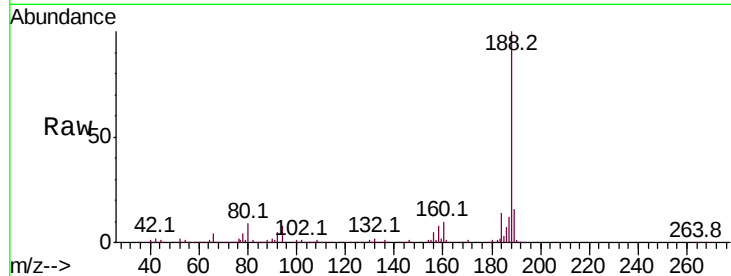
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2404  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 295470 |       |       |
| 94      | 8.1   | 6.7    | 10.1  |       |
| 80      | 9.4   | 8.1    | 12.1  |       |

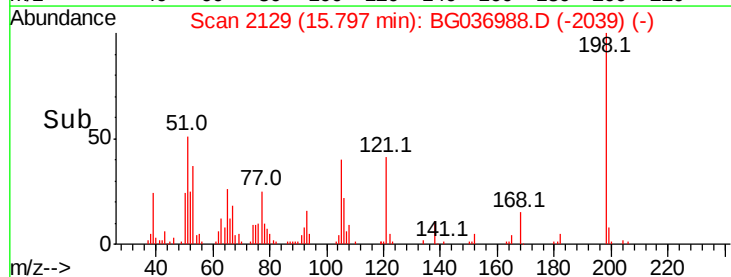
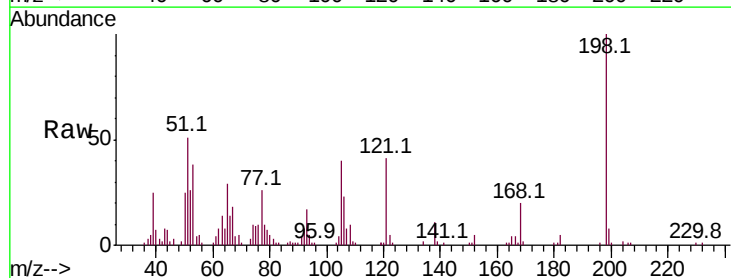
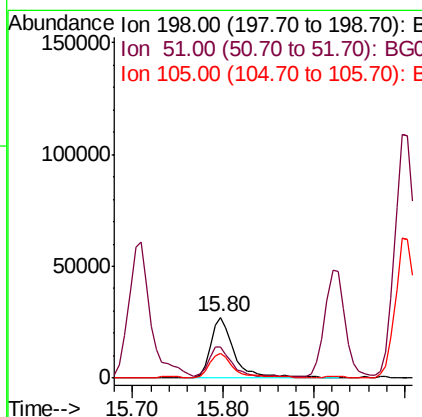
Manual Integrations  
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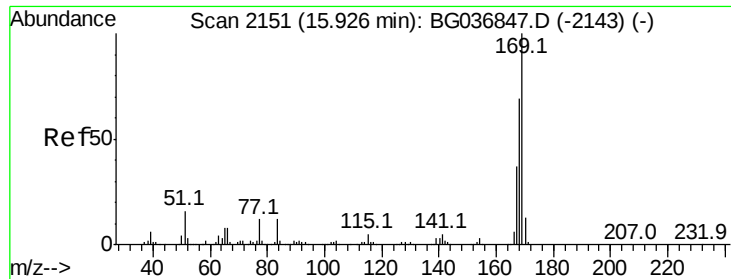
Sohil  
9/27/2018 1:37:36 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 32.209 ng  
RT: 15.80 min Scan# 2129  
Delta R.T. 0.00 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 49755 |       |       |
| 51      | 51.2  | 26.5  | 66.5  |       |
| 105     | 40.1  | 20.2  | 60.2  |       |





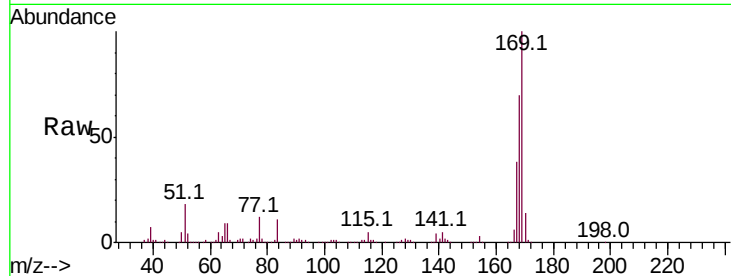
#65  
 n-Nitrosodiphenylamine  
 Concen: 53.416 ng  
 RT: 15.93 min Scan# 2151  
 Delta R.T. 0.00 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 435721 |       |       |
| 168     | 69.6  |        | 57.6  | 86.4  |
| 167     | 37.6  |        | 31.0  | 46.4  |

Manual Integrations  
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 9/27/2018 1:37:36 PM

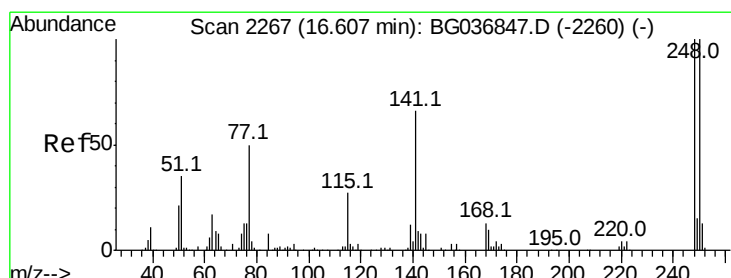
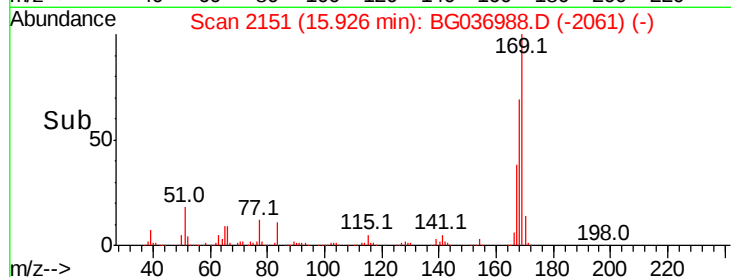
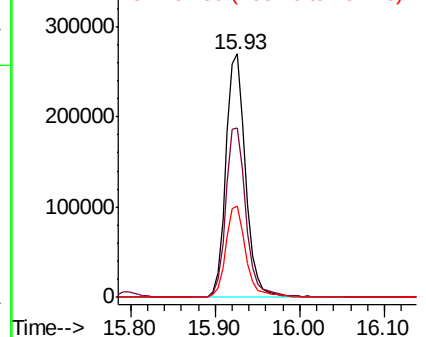


Abundance

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



#66  
 4-Bromophenyl-phenylether  
 Concen: 52.506 ng  
 RT: 16.60 min Scan# 2266  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

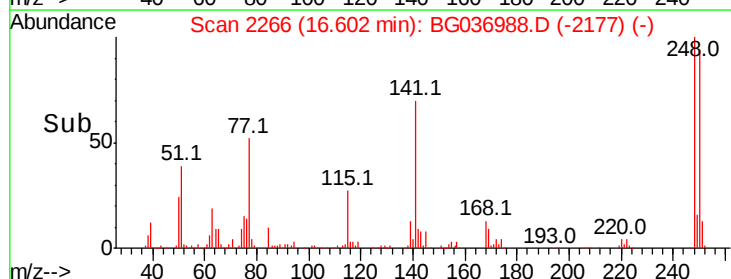
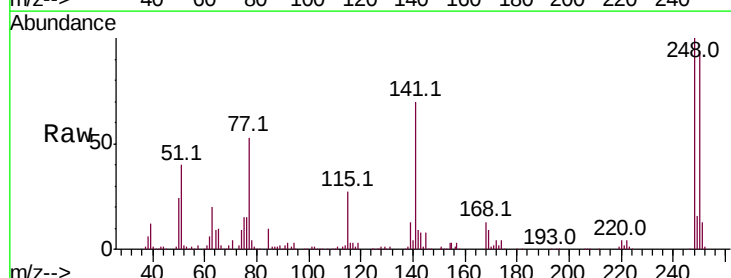
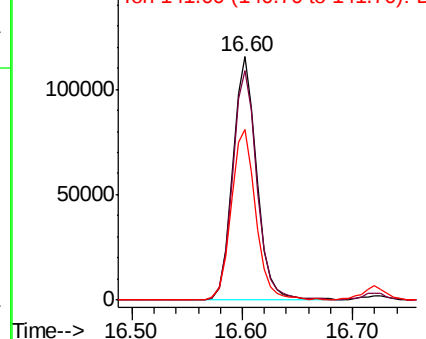
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 176462 |       |       |
| 250     | 94.2  |        | 78.1  | 117.1 |
| 141     | 70.0  |        | 53.7  | 80.5  |

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





#67

Hexachlorobenzene

Concen: 51.187 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

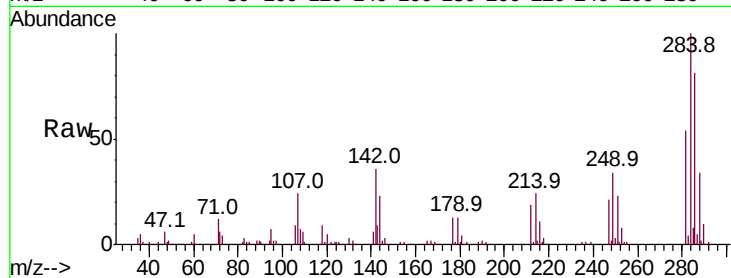
ClientSampleId :

CL-02-092518-AMS

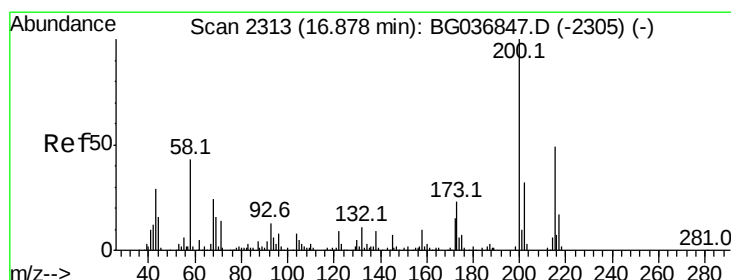
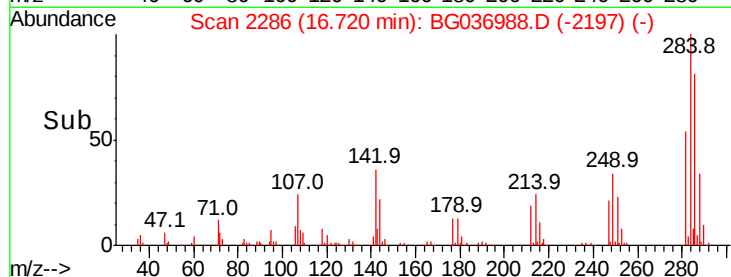
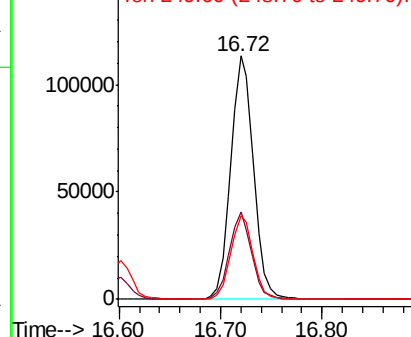
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 177177 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 36.0 | 27.8  | 41.6   |
| 249       | 34.4 | 27.4  | 41.2   |

Manual Integrations  
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9/27/2018 1:37:36 PM



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



#68

Atrazine

Concen: 53.716 ng

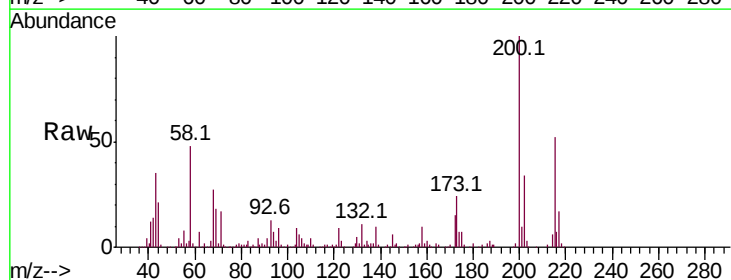
RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

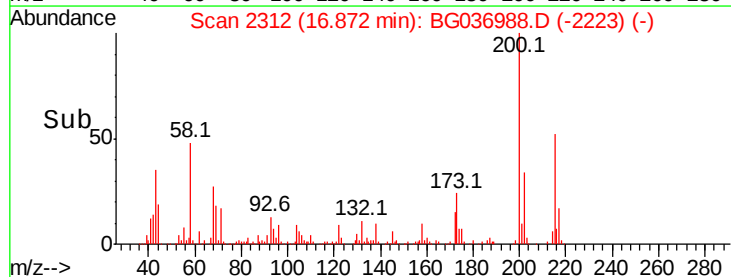
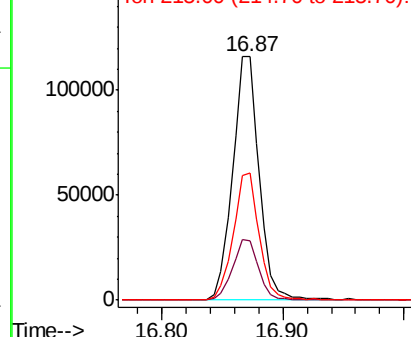
Lab File: BG036988.D

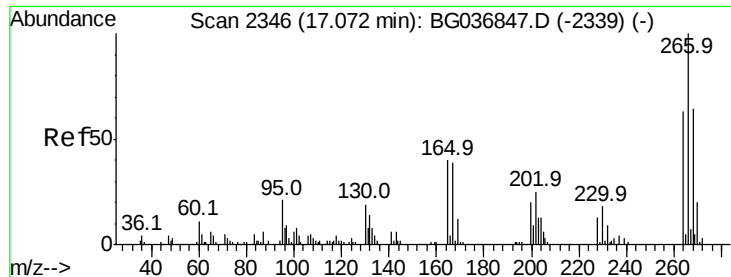
Acq: 26 Sep 2018 19:11

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 177416 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 24.3 | 3.9   | 43.9   |
| 215       | 52.2 | 30.4  | 70.4   |



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





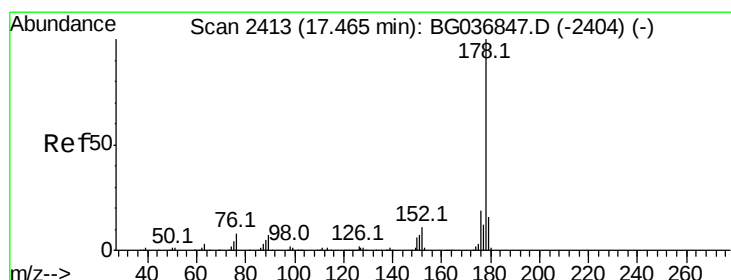
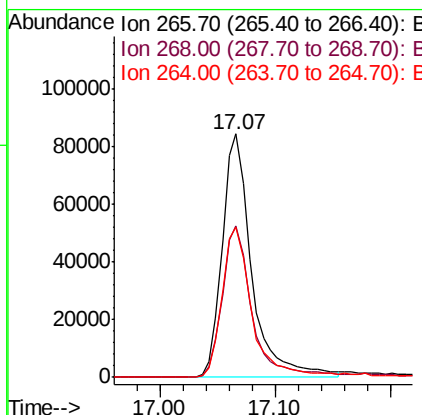
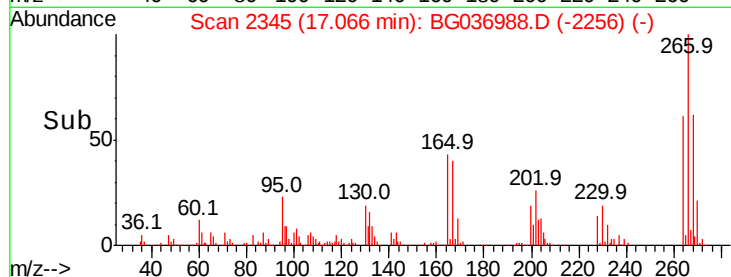
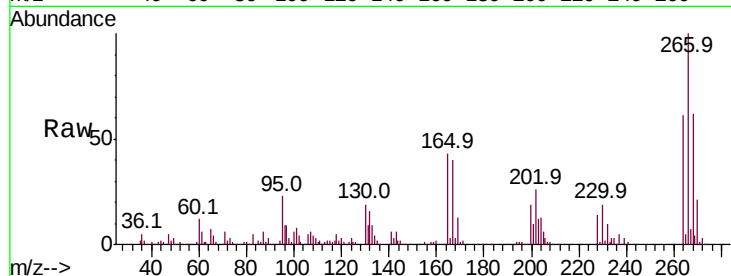
#69  
 Pentachlorophenol  
 Concen: 68.709 ng  
 RT: 17.07 min Scan# 2345  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.0  | 51.4  | 77.2  |
| 264     | 61.4  | 48.9  | 73.3  |

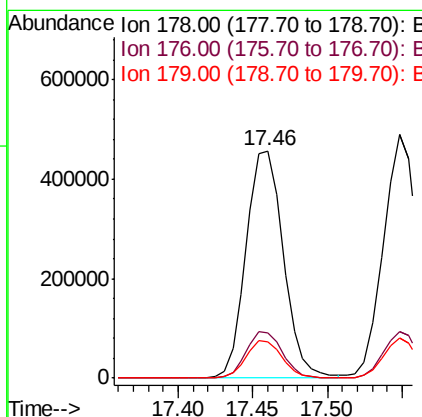
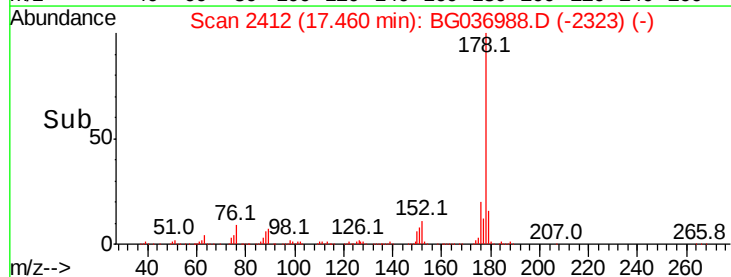
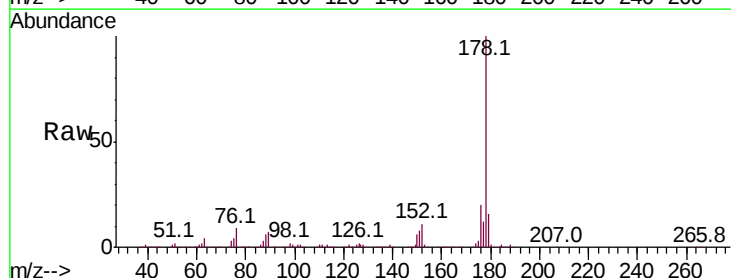
Manual Integrations  
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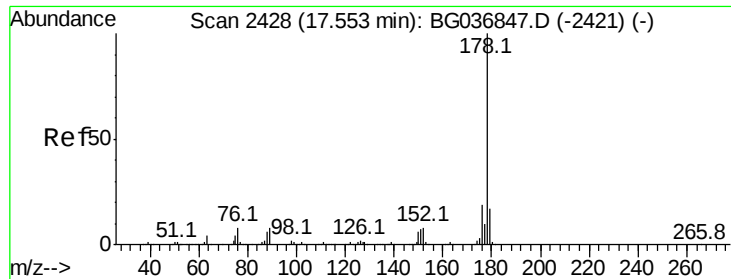
Sohil  
 9/27/2018 1:37:36 PM



#70  
 Phenanthrene  
 Concen: 55.475 ng  
 RT: 17.46 min Scan# 2412  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.4  | 23.2  |
| 179     | 15.8  | 13.4  | 20.2  |





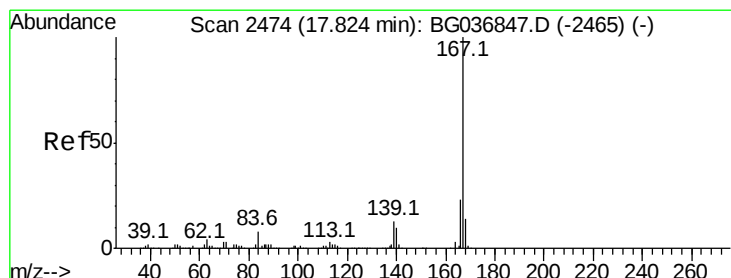
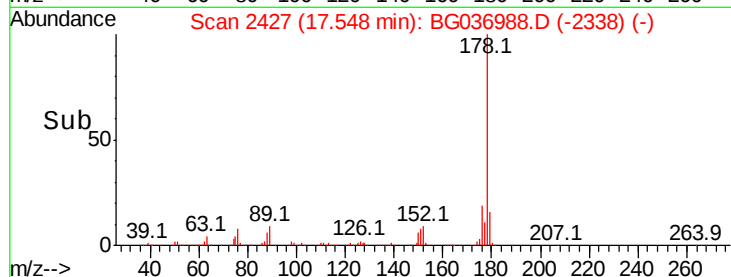
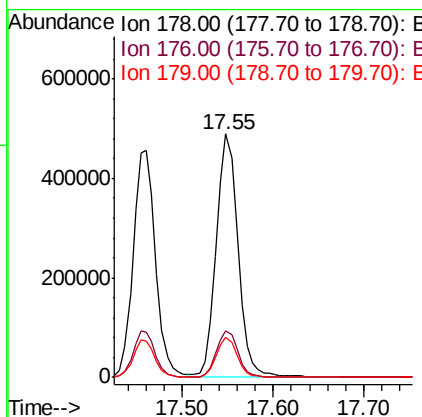
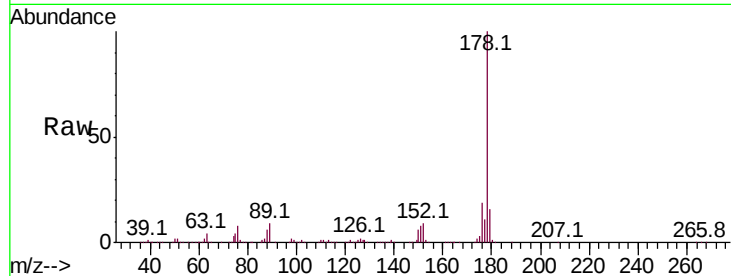
#71  
 Anthracene  
 Concen: 57.635 ng  
 RT: 17.55 min Scan# 2427  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 15.4  | 23.2  |
| 179     | 16.5  | 13.0  | 19.4  |

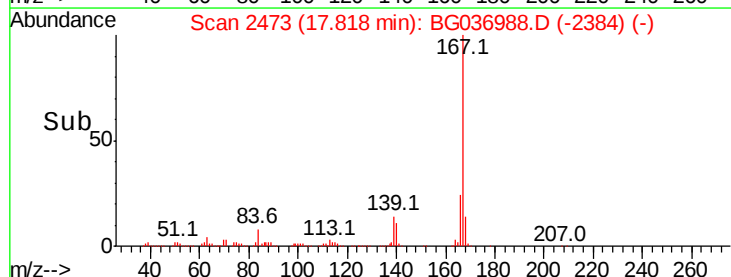
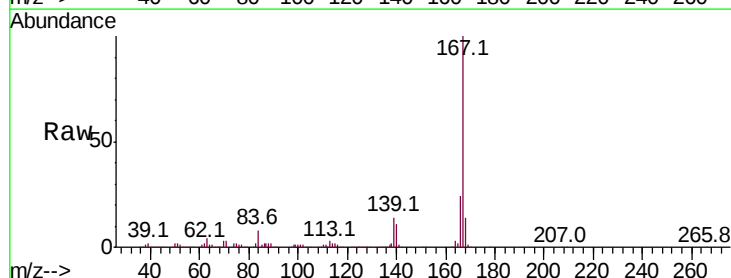
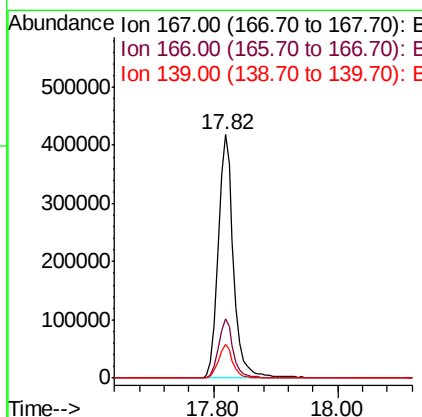
Manual Integrations  
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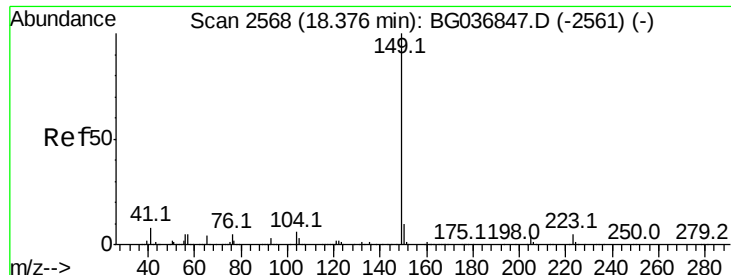
Sohil  
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#72  
 Carbazole  
 Concen: 52.020 ng  
 RT: 17.82 min Scan# 2473  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.1  | 19.5  | 29.3  |
| 139     | 13.6  | 10.7  | 16.1  |





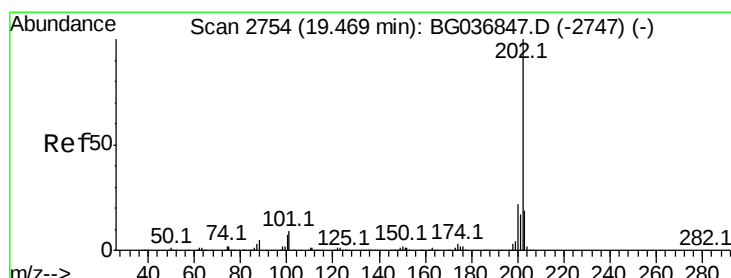
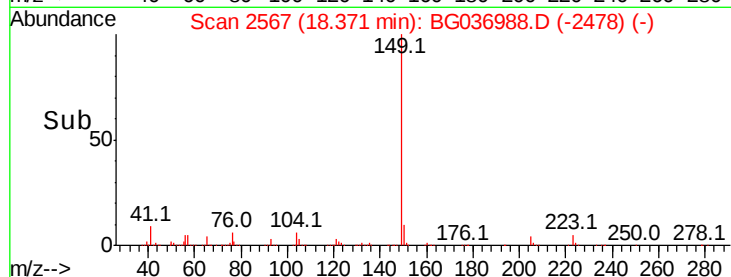
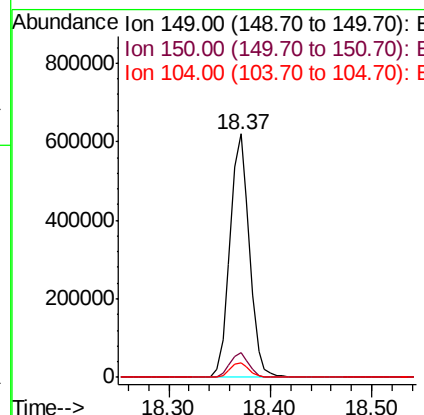
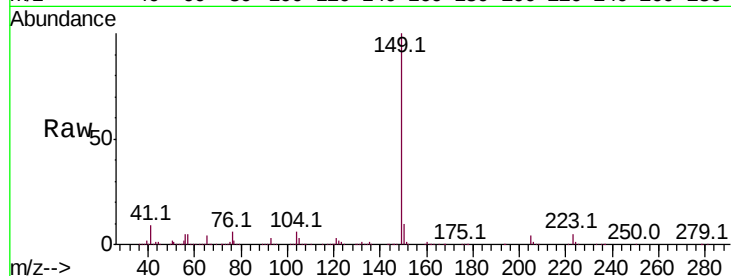
#73  
Di-n-butylphthalate  
Concen: 54.310 ng  
RT: 18.37 min Scan# 2567  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 10.0  | 8.1  | 12.1  |       |
| 104     | 6.1   | 4.6  | 6.8   |       |

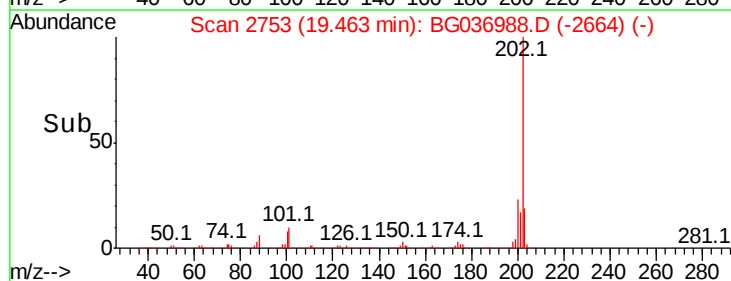
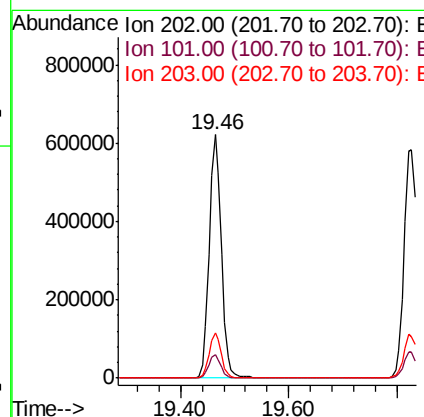
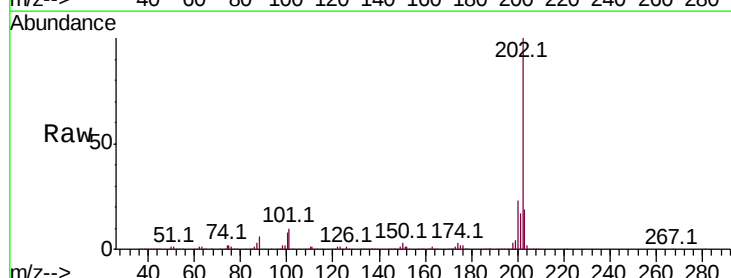
Manual Integrations  
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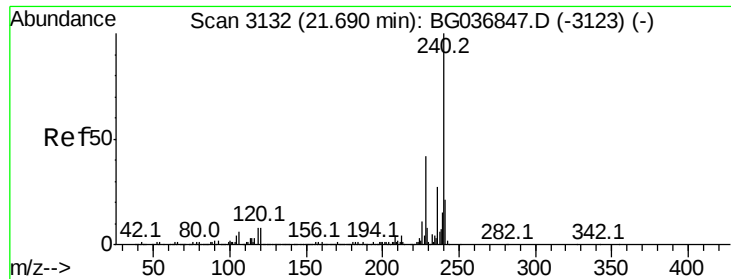
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#74  
Fluoranthene  
Concen: 56.297 ng  
RT: 19.46 min Scan# 2753  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 9.8   | 0.0  | 29.4  |       |
| 203     | 18.8  | 0.0  | 38.9  |       |





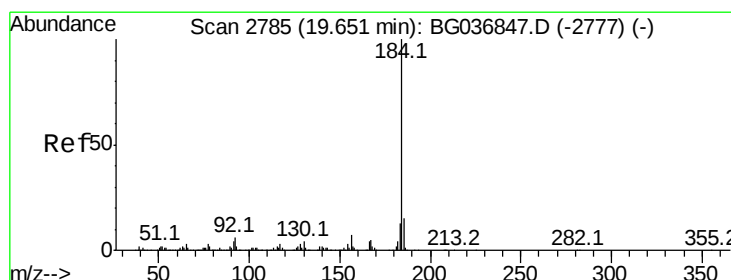
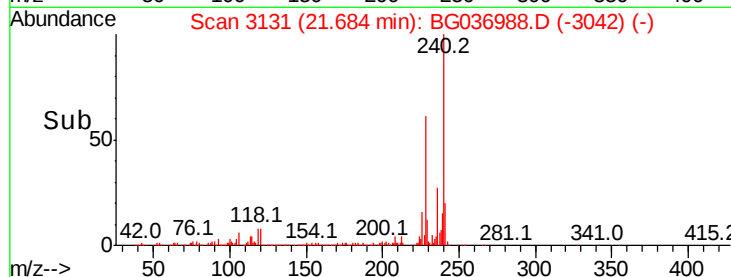
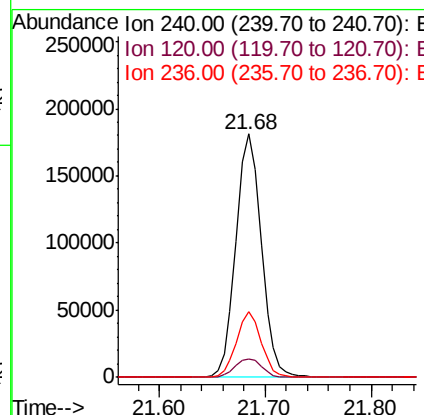
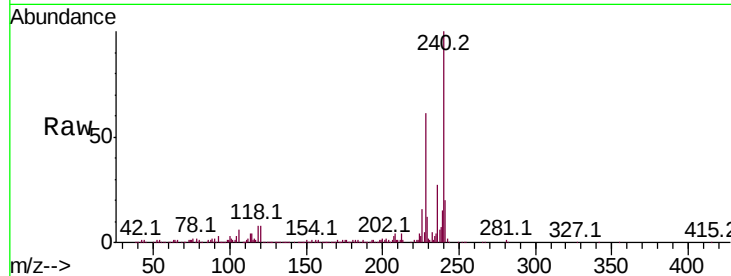
#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.68 min Scan# 3131  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 240     | 100   |      |       |       |
| 120     | 7.6   | 6.9  | 10.3  |       |
| 236     | 27.1  | 21.2 | 31.8  |       |

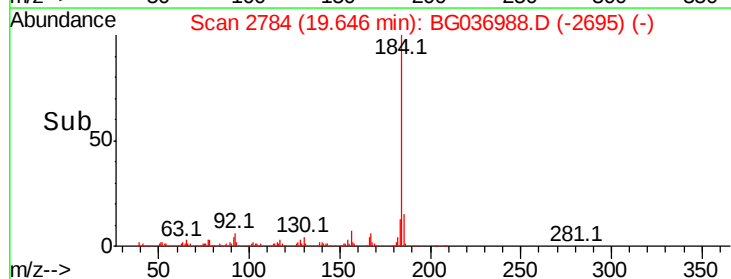
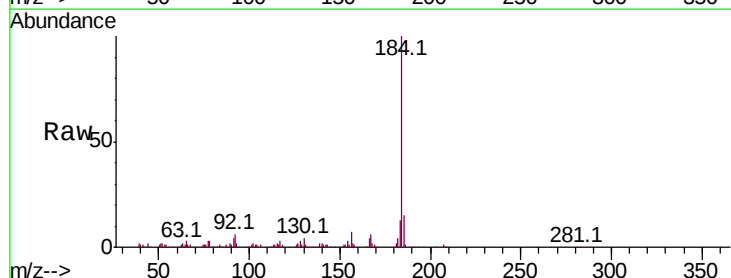
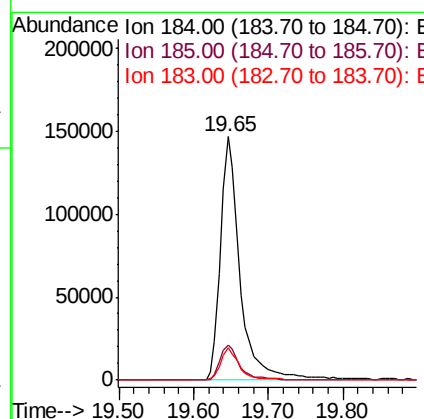
Manual Integrations  
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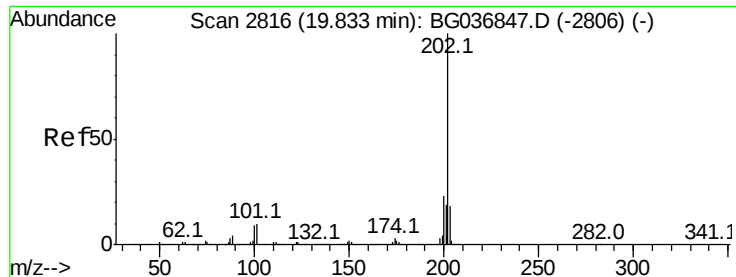
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#76  
 Benzidine  
 Concen: 29.171 ng  
 RT: 19.65 min Scan# 2784  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 185     | 14.6  | 12.6 | 18.8  |       |
| 183     | 13.2  | 10.9 | 16.3  |       |





#77

Pvrene

Concen: 52.525 ng

RT: 19.83 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

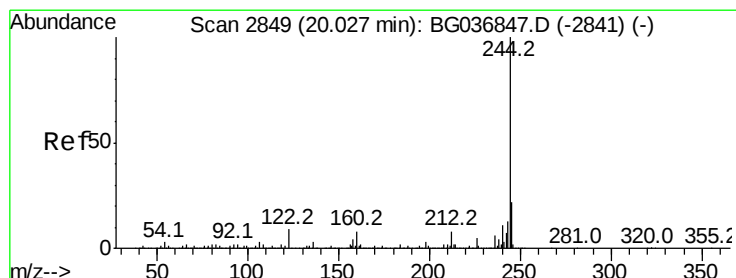
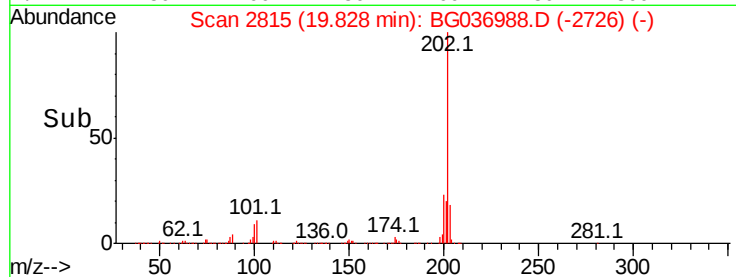
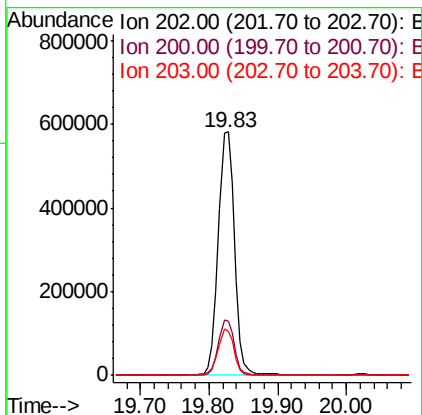
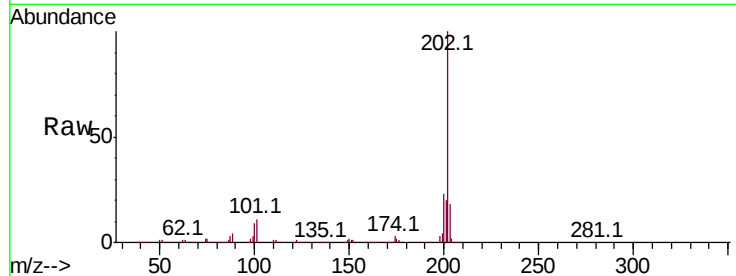
ClientSampleId :

CL-02-092518-AMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 954359 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 22.5 | 18.3  | 27.5   |
| 203       | 18.2 | 15.1  | 22.7   |

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#78

Terphenyl-d14

Concen: 96.738 ng

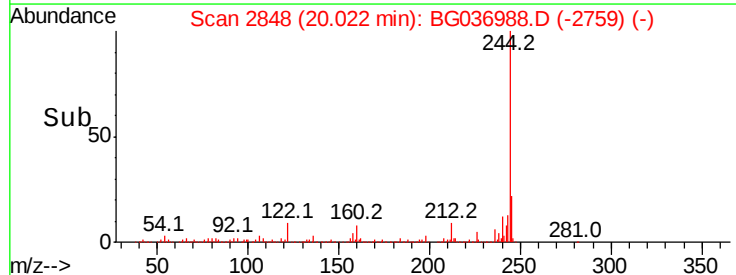
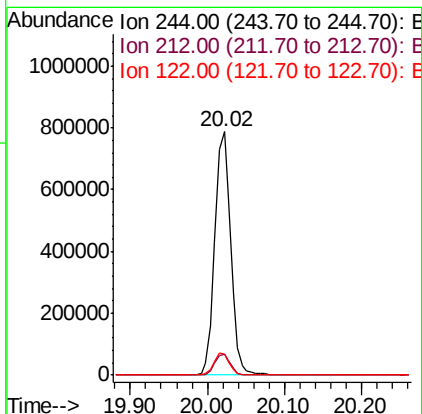
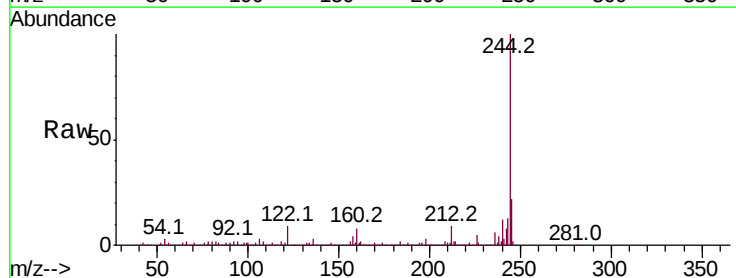
RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1113930 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 8.7 | 7.0   | 10.6    |
| 122       | 8.8 | 7.1   | 10.7    |





#79

Butylbenzylphthalate

Concen: 55.458 ng

RT: 20.71 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

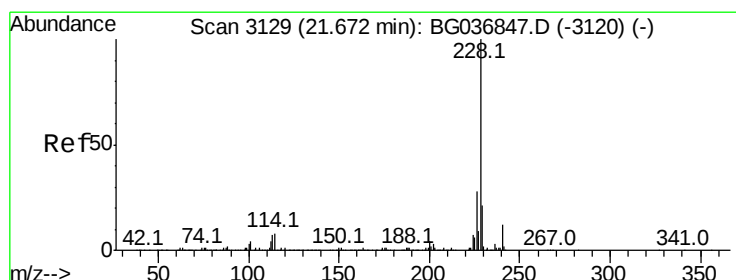
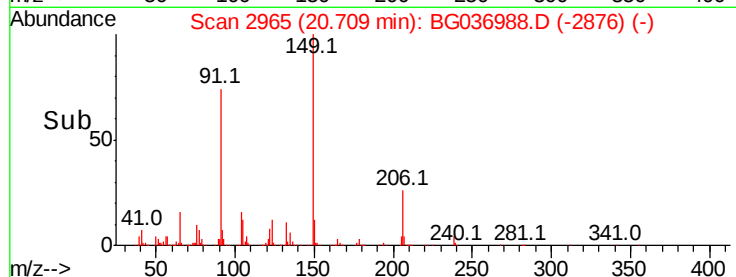
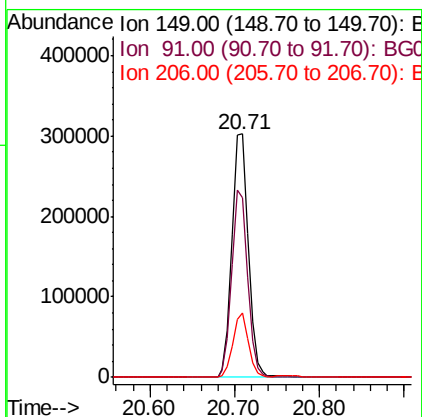
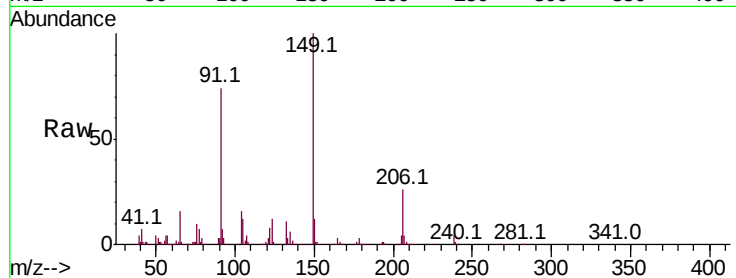
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 401642 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 73.6  | 62.0  | 93.0   |
| 206       | 26.5  | 19.6  | 29.4   |

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#80

Benzo(a)anthracene

Concen: 54.736 ng

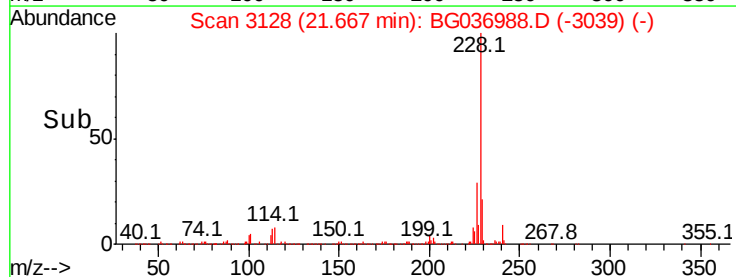
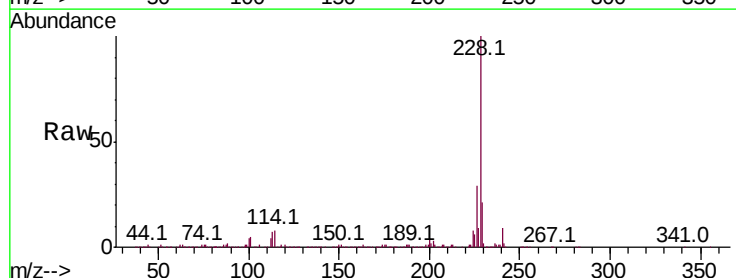
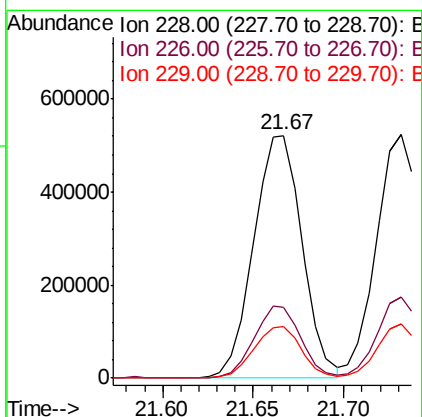
RT: 21.67 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 967455 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.4  | 23.4  | 35.2   |
| 229       | 21.3  | 17.1  | 25.7   |





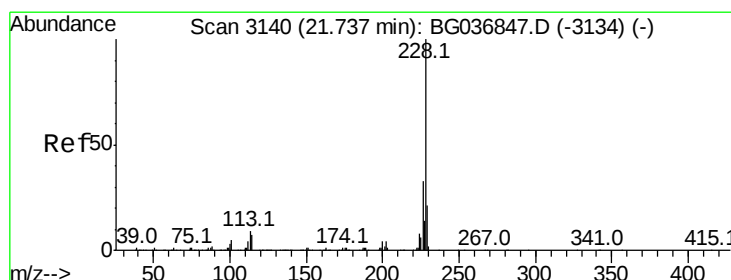
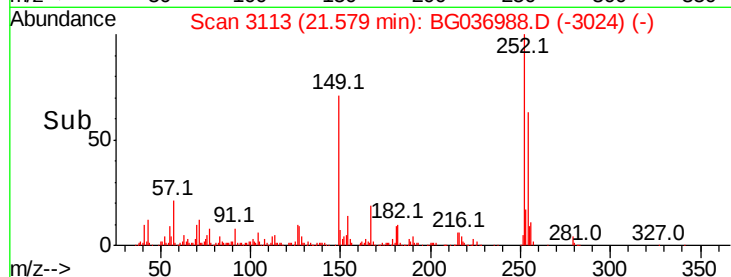
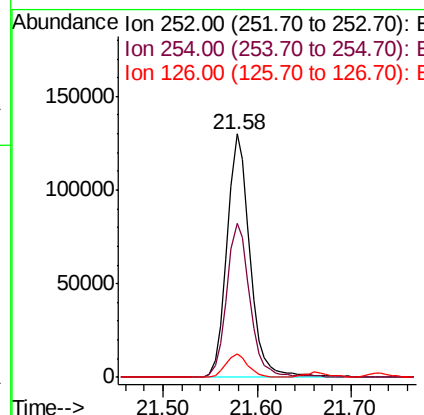
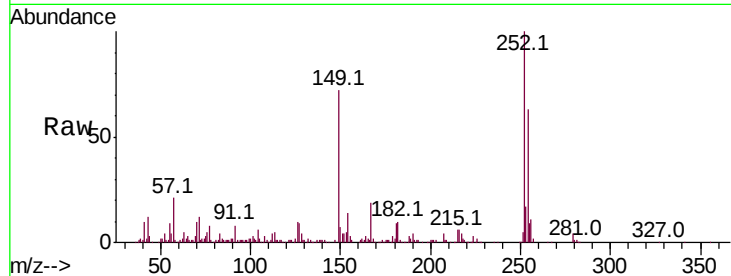
#81  
 3,3'-Dichlorobenzidine  
 Concen: 32.968 ng  
 RT: 21.58 min Scan# 3113  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 221798 |       |       |
| 254     | 63.2  | 51.0   | 76.4  |       |
| 126     | 9.8   | 7.4    | 11.0  |       |

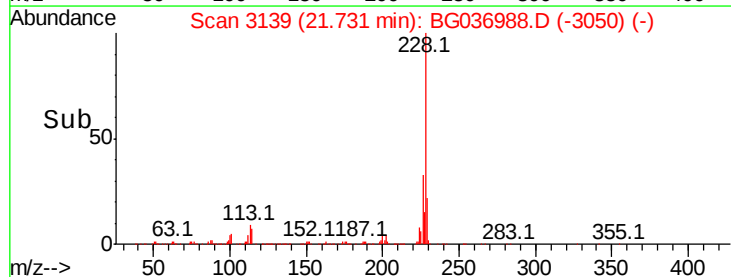
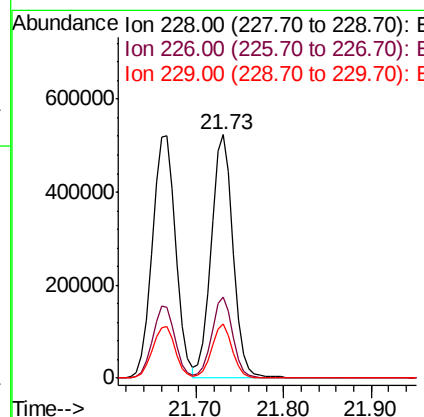
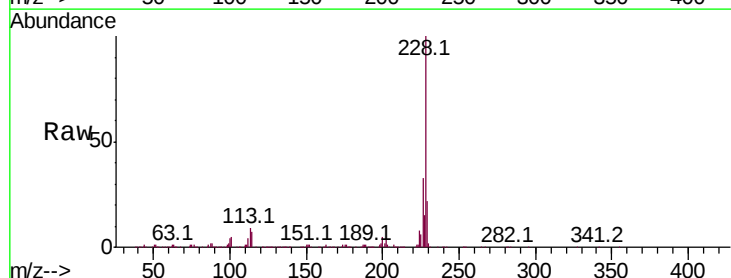
Manual Integrations  
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#82  
 Chrysene  
 Concen: 53.174 ng  
 RT: 21.73 min Scan# 3139  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 908087 |       |       |
| 226     | 33.1  | 25.5   | 38.3  |       |
| 229     | 22.0  | 16.9   | 25.3  |       |





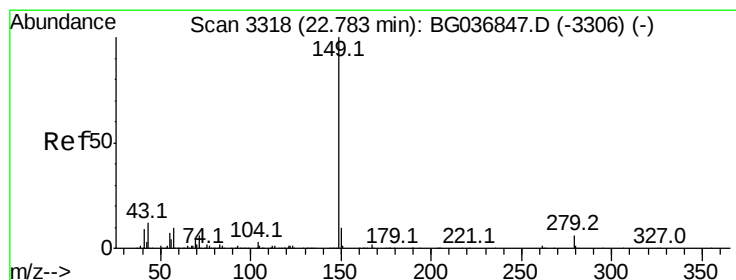
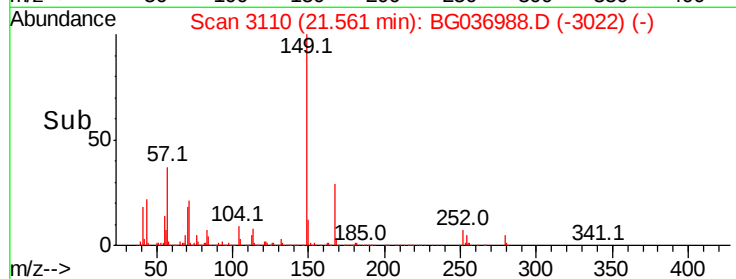
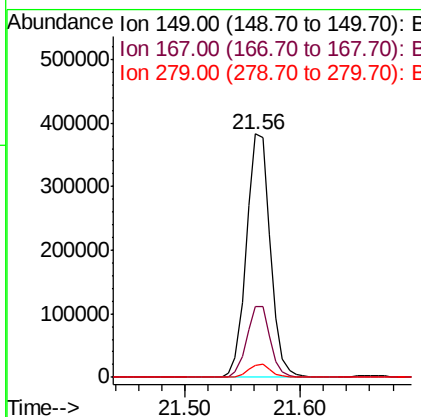
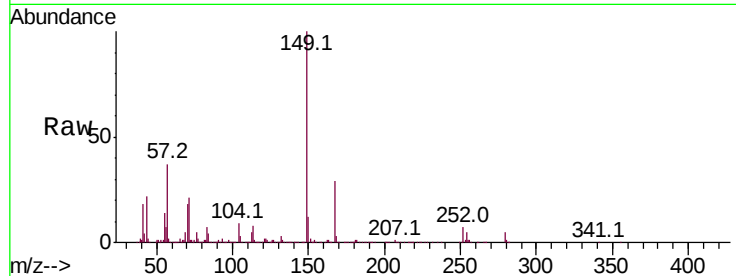
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.295 ng  
 RT: 21.56 min Scan# 3110  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 29.0  | 23.4 | 35.0  |       |
| 279     | 4.9   | 4.6  | 7.0   |       |

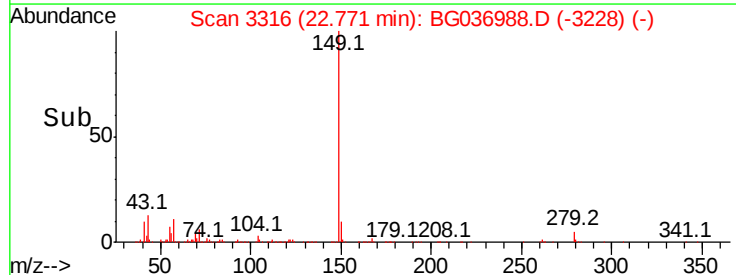
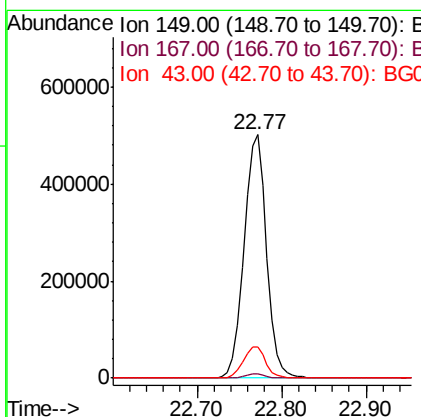
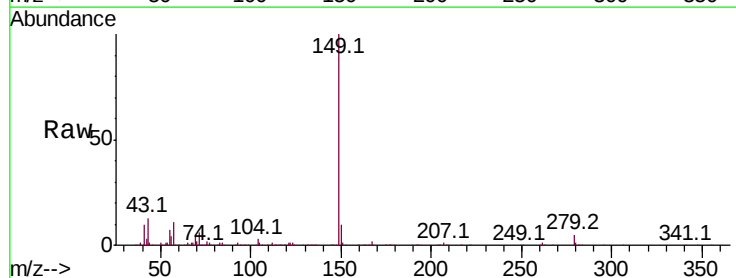
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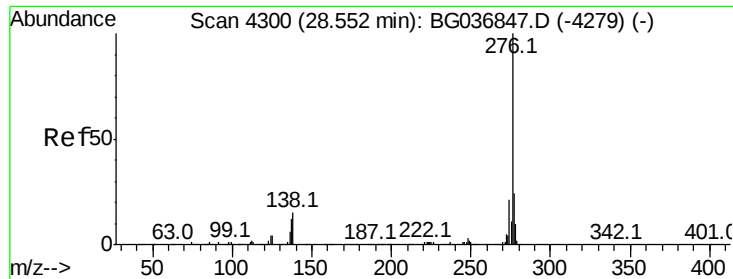
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#84  
 Di-n-octyl phthalate  
 Concen: 55.359 ng  
 RT: 22.77 min Scan# 3316  
 Delta R.T. -0.01 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.7   | 1.3  | 1.9   |       |
| 43      | 12.7  | 10.0 | 15.0  |       |





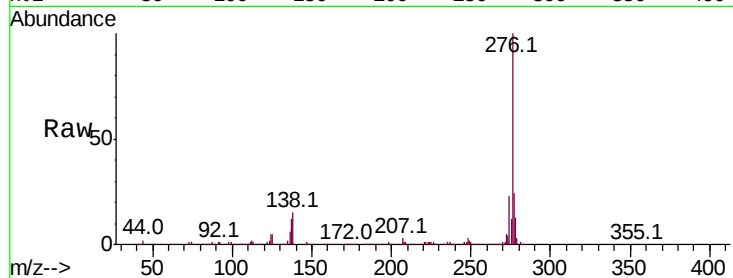
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 59.849 ng  
RT: 28.54 min Scan# 4298  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

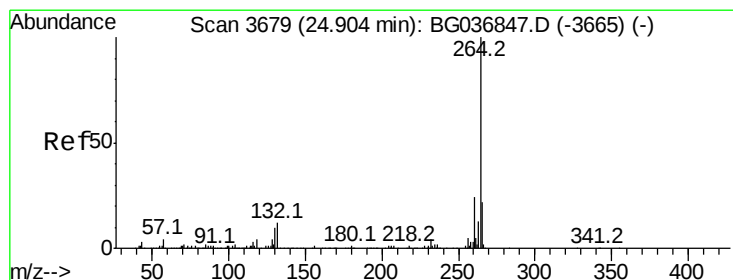
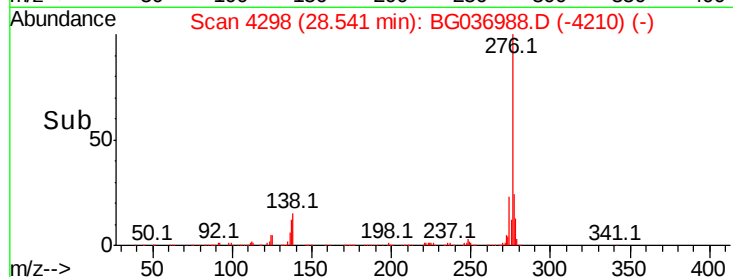
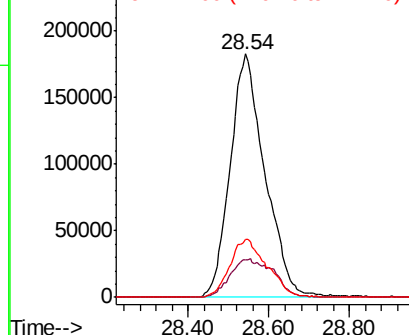
Tot Ion:276 Resp: 1097553  
Ion Ratio Lower Upper  
276 100  
138 19.6 10.6 15.8#  
277 25.4 20.6 30.8

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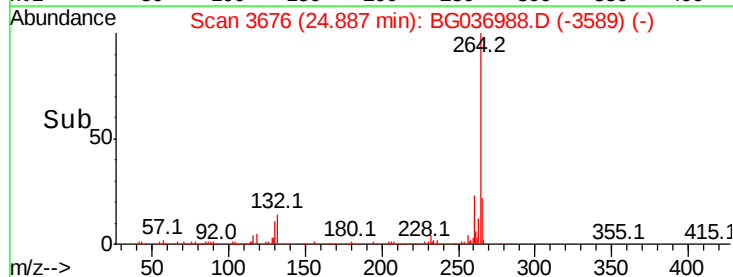
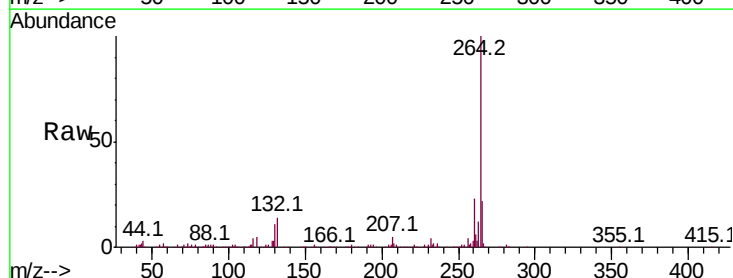
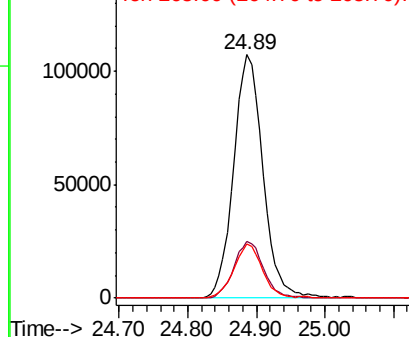
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.89 min Scan# 3676  
Delta R.T. -0.02 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Tgt Ion:264 Resp: 319247  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.6 29.4  
265 22.2 17.4 26.0

Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 56.404 ng

RT: 23.87 min Scan# 3503

Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

Instrument :

BNA\_G

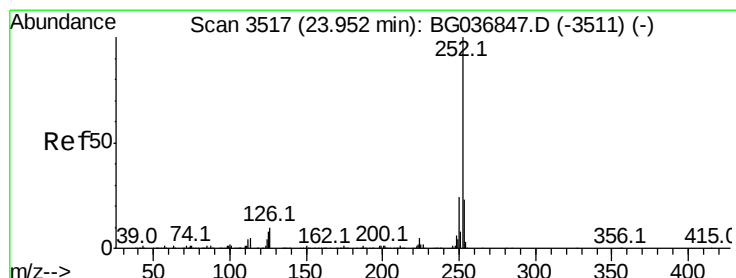
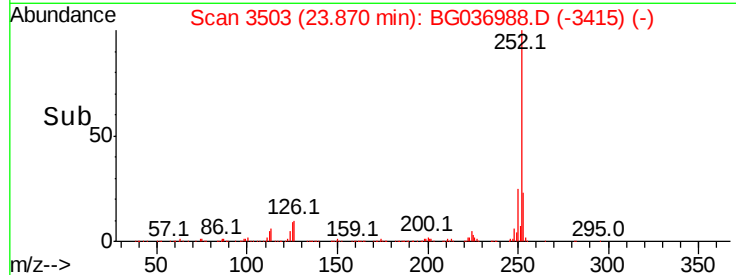
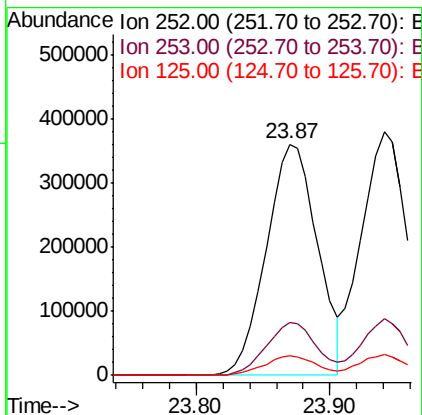
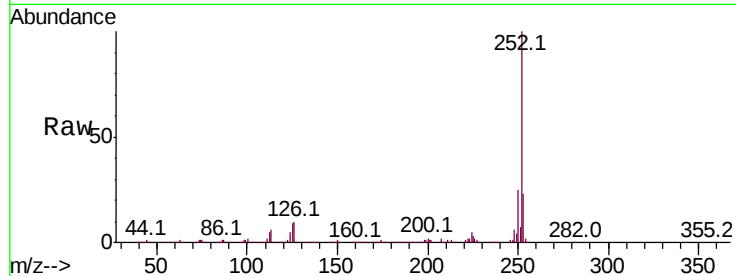
ClientSampleId :

CL-02-092518-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 959633 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.1  | 17.1  | 25.7   |
| 125       | 8.5   | 6.6   | 10.0   |

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#88

Benzo(k)fluoranthene

Concen: 54.517 ng

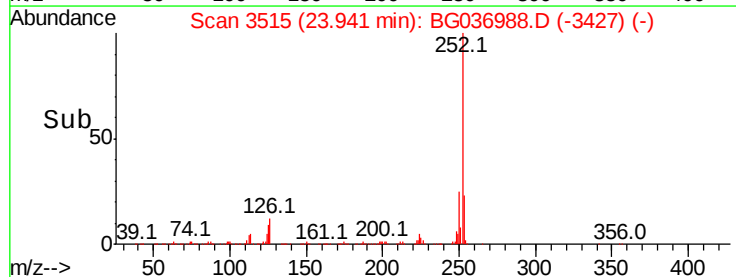
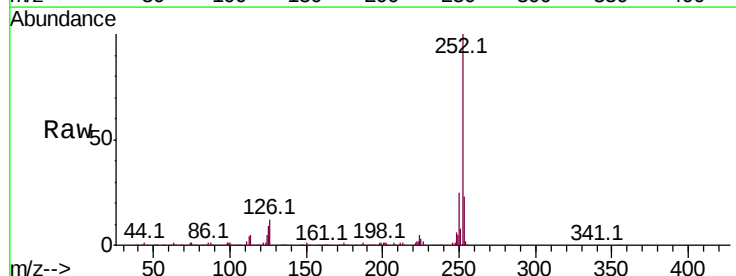
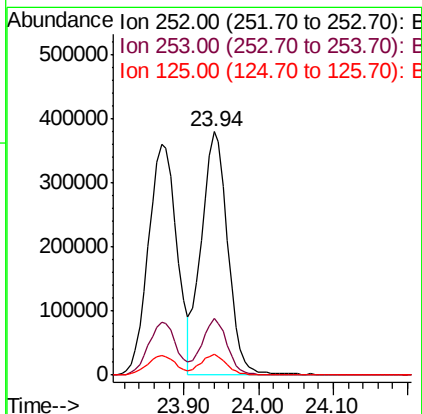
RT: 23.94 min Scan# 3515

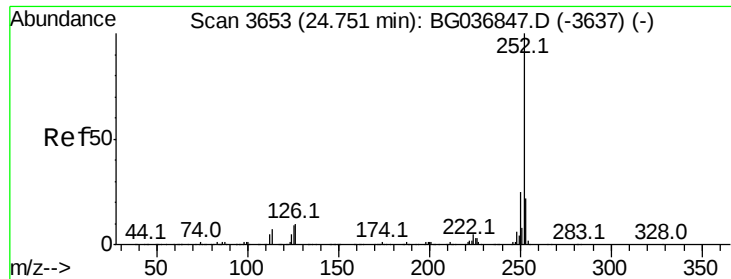
Delta R.T. -0.01 min

Lab File: BG036988.D

Acq: 26 Sep 2018 19:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 930552 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.2  | 18.0  | 27.0   |
| 125       | 8.8   | 7.0   | 10.6   |





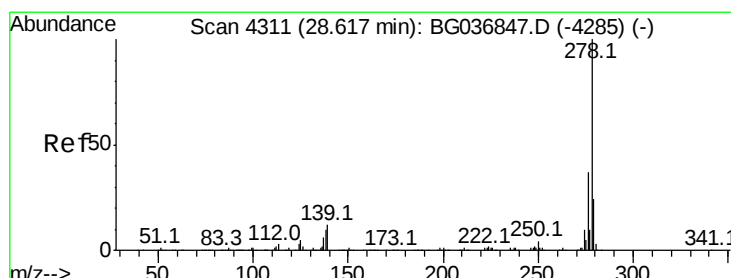
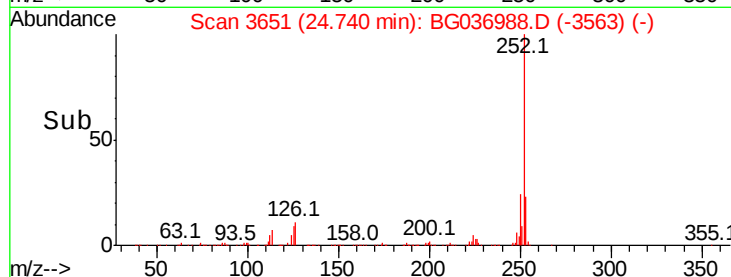
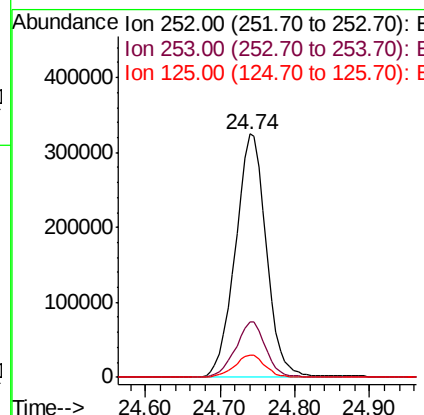
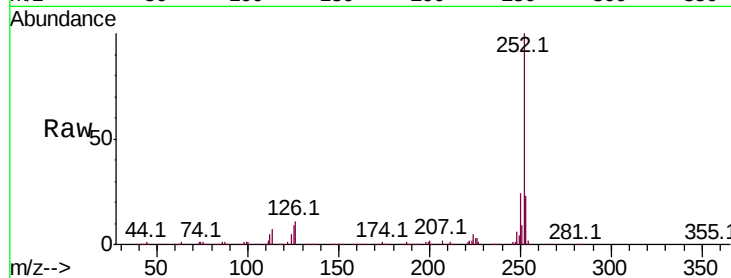
#89  
Benzo(a)pyrene  
Concen: 56.788 ng  
RT: 24.74 min Scan# 3651  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

Instrument :  
BNA\_G  
ClientSampleId :  
CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.2  | 27.2  |
| 125     | 9.0   | 7.3   | 10.9  |

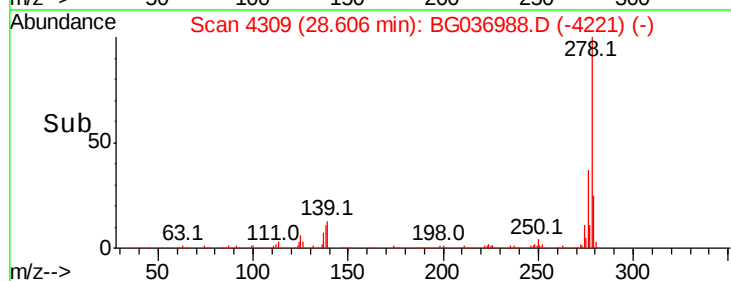
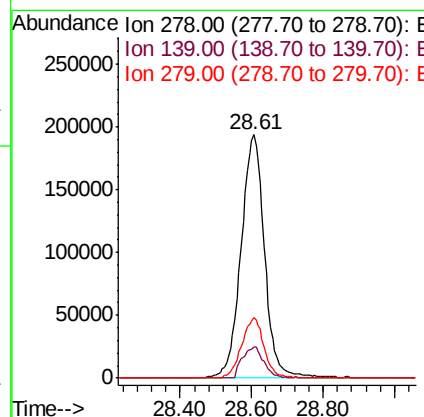
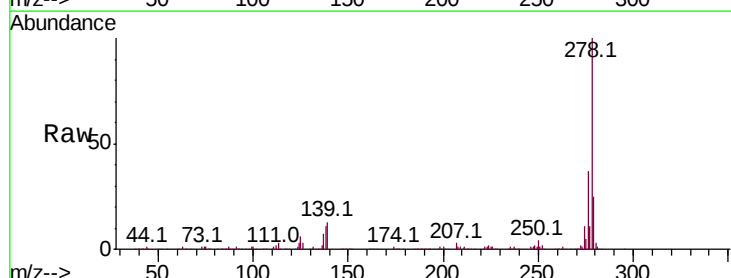
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#90  
Dibenzo(a,h)anthracene  
Concen: 57.586 ng  
RT: 28.61 min Scan# 4309  
Delta R.T. -0.01 min  
Lab File: BG036988.D  
Acq: 26 Sep 2018 19:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 13.0  | 11.0  | 16.4  |
| 279     | 25.1  | 18.7  | 28.1  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 58.610 ng  
 RT: 29.68 min Scan# 4492  
 Delta R.T. -0.02 min  
 Lab File: BG036988.D  
 Acq: 26 Sep 2018 19:11

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CL-02-092518-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.4  | 27.6  |
| 138     | 16.9  | 14.6  | 22.0  |

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