

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\  
 Data File : BG036621.D  
 Acq On : 8 Sep 2018 7:20  
 Operator : JU/SJ  
 Sample : J4774-02MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

Manual Integrations  
 APPROVED

Sohil  
 9/10/2018 11:05:47 AM

Quant Time: Sep 10 01:24:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 31 13:03:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 51444    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 222270   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.68 | 164  | 152077   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.42 | 188  | 401187   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.69 | 240  | 409383   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.90 | 264  | 427889   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 344647  | 106.27 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 439495  | 94.65  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 337293  | 82.33  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.17 | 330 | 234809  | 129.40 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.30 | 172 | 767736  | 72.08  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.03 | 244 | 1409006 | 80.45  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.55  | 88  | 47364  | 31.295 | ng | # 85   |
| 3) Pyridine                    | 3.94  | 79  | 135834 | 31.974 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 73423  | 38.803 | ng | 98     |
| 6) Aniline                     | 7.38  | 93  | 132405 | 22.465 | ng | 98     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 151672 | 43.127 | ng | 95     |
| 9) Benzaldehyde                | 7.19  | 77  | 82749  | 25.880 | ng | 98     |
| 10) Phenol                     | 7.24  | 94  | 175085 | 36.033 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93  | 150995 | 39.197 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146 | 156177 | 38.891 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 158198 | 39.019 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 150128 | 38.772 | ng | 97     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 151674 | 40.521 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 286856 | 36.925 | ng | 97     |
| 17) 2-Methylphenol             | 8.49  | 107 | 135360 | 41.953 | ng | 98     |
| 18) Hexachloroethane           | 9.14  | 117 | 58848  | 40.483 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 127388 | 36.710 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 189482 | 42.065 | ng | 98     |
| 22) Acetophenone               | 8.87  | 105 | 240883 | 41.270 | ng | 99     |
| 24) Nitrobenzene               | 9.26  | 77  | 194445 | 44.017 | ng | 97     |
| 25) Isophorone                 | 9.78  | 82  | 367268 | 45.129 | ng | 97     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 85640  | 48.923 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 156162 | 48.185 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 214138 | 42.874 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 170861 | 48.105 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 170483 | 41.030 | ng | 99     |
| 31) Naphthalene                | 10.91 | 128 | 511688 | 46.052 | ng | 99     |
| 32) Benzoic acid               | 10.08 | 122 | 11182m | 8.699  | ng |        |
| 33) 4-Chloroaniline            | 11.01 | 127 | 36089  | 7.088  | ng | 97     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 117348 | 42.034 | ng | 96     |
| 35) Caprolactam                | 11.78 | 113 | 46471  | 32.844 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107 | 193363 | 46.852 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 383800 | 47.208 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 220198 | 40.915 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237 | 238001 | 84.995 | ng | 97     |

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Manual Integrations  
 APPROVED

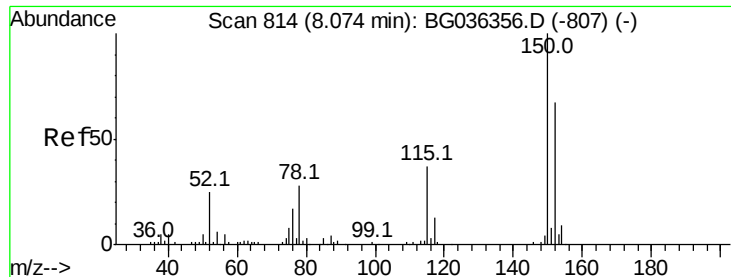
Sohil  
 9/10/2018 11:05:47 AM

Quant Time: Sep 10 01:24:43 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
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 QLast Update : Fri Aug 31 13:03:20 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.11 | 196  | 150915   | 46.034 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 165447   | 47.315 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 501110   | 39.696 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 391153   | 40.589 | ng    | 100      |
| 47) 2-Nitroaniline             | 13.76 | 65   | 147397   | 48.707 | ng    | 99       |
| 48) Acenaphthylene             | 14.40 | 152  | 667935   | 44.348 | ng    | 99       |
| 49) Dimethylphthalate          | 14.13 | 163  | 540819   | 43.551 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 122026   | 47.755 | ng    | 95       |
| 51) Acenaphthene               | 14.74 | 154  | 403911   | 41.874 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.58 | 138  | 76465    | 27.769 | ng    | # 96     |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 13800    | 14.258 | ng    | 91       |
| 54) Dibenzofuran               | 15.08 | 168  | 647366   | 42.838 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 119860   | 53.237 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 172810   | 51.890 | ng    | 88       |
| 57) Fluorene                   | 15.73 | 166  | 528818   | 46.810 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 152129   | 46.306 | ng    | 96       |
| 59) Diethylphthalate           | 15.50 | 149  | 544880   | 43.539 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 298275   | 42.758 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 134481   | 46.671 | ng    | 96       |
| 62) Azobenzene                 | 16.01 | 77   | 536786   | 42.156 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 23230    | 13.181 | ng    | 87       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 487822   | 40.922 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.61 | 248  | 202275   | 43.064 | ng    | 99       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 209070   | 43.530 | ng    | 96       |
| 68) Atrazine                   | 16.88 | 200  | 215475   | 48.157 | ng    | 99       |
| 69) Pentachlorophenol          | 17.07 | 266  | 97707    | 29.932 | ng    | 95       |
| 70) Phenanthrene               | 17.46 | 178  | 922036   | 45.230 | ng    | 99       |
| 71) Anthracene                 | 17.56 | 178  | 930932   | 45.812 | ng    | 99       |
| 72) Carbazole                  | 17.82 | 167  | 822557   | 40.532 | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.38 | 149  | 951740   | 42.115 | ng    | 99       |
| 74) Fluoranthene               | 19.47 | 202  | 1132795  | 45.578 | ng    | 99       |
| 76) Benzidine                  | 19.64 | 184  | 210272   | 16.099 | ng    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 1121291  | 44.541 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 439176   | 43.835 | ng    | 92       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 1123587  | 45.304 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 201847   | 20.421 | ng    | 99       |
| 82) Chrysene                   | 21.74 | 228  | 1056950  | 44.961 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 601612   | 42.911 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.79 | 149  | 1022545  | 43.666 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.55 | 276  | 1168973  | 42.813 | ng    | # 94     |
| 87) Benzo(b)fluoranthene       | 23.88 | 252  | 1127260  | 47.442 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.95 | 252  | 1077048  | 46.398 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.75 | 252  | 1082386  | 47.406 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.62 | 278  | 842360   | 38.216 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.69 | 276  | 908479   | 41.013 | ng    | 96       |

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





#1

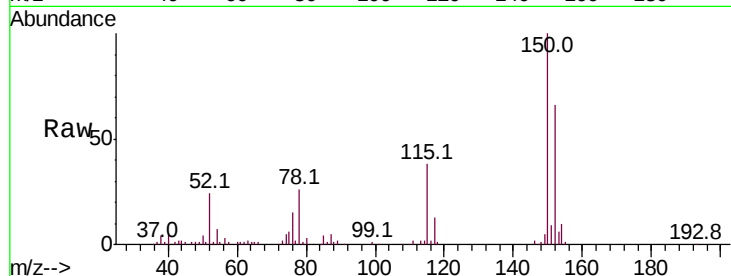
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 812  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.1 | 119.5 | 179.3 |
| 115     | 56.9  | 44.5  | 66.7  |

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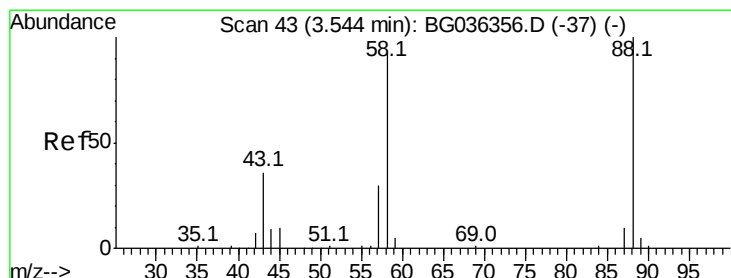
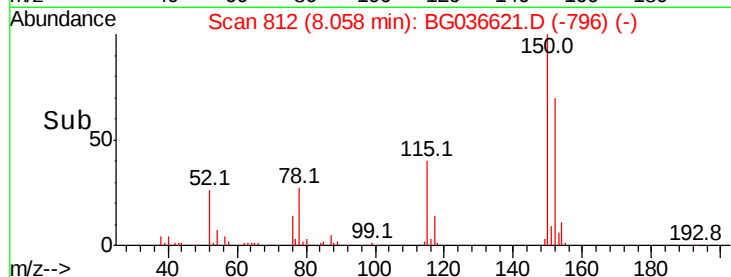
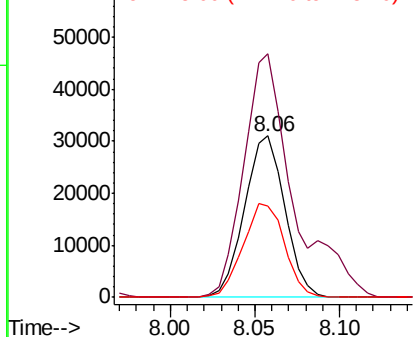


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

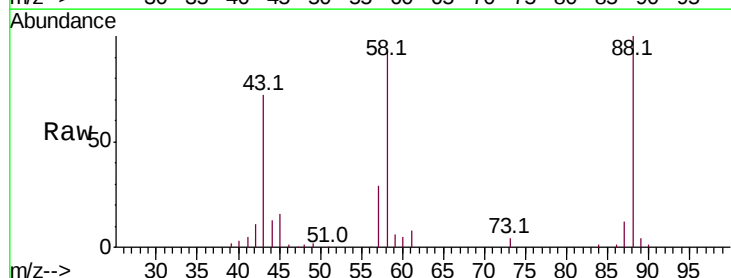
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 31.295 ng  
RT: 3.55 min Scan# 44  
Delta R.T. 0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.2  | 72.6  | 109.0 |
| 43      | 65.5  | 29.0  | 43.4  |

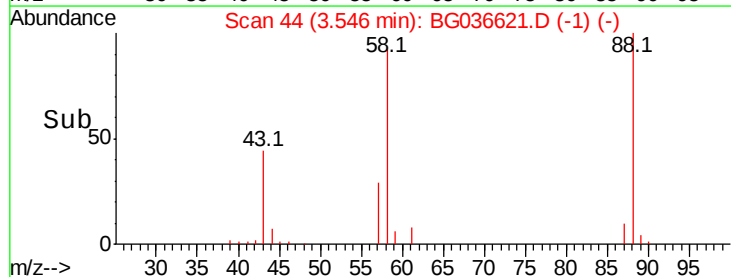
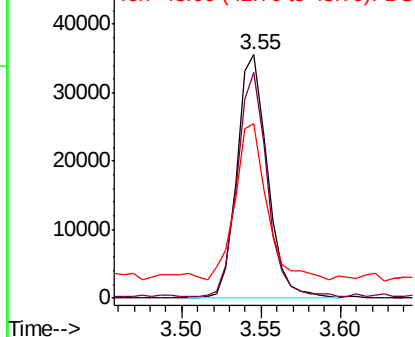


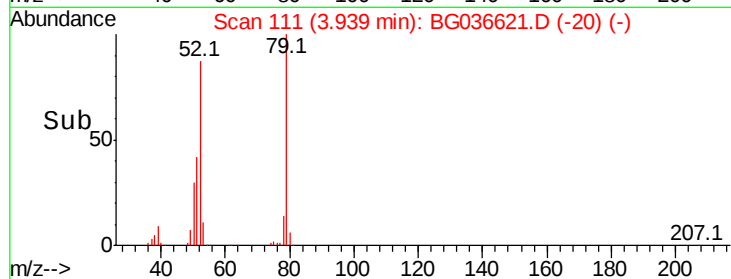
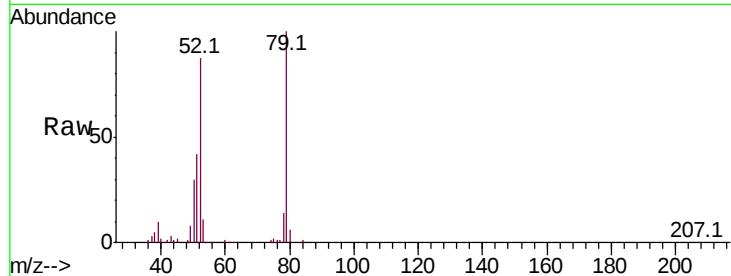
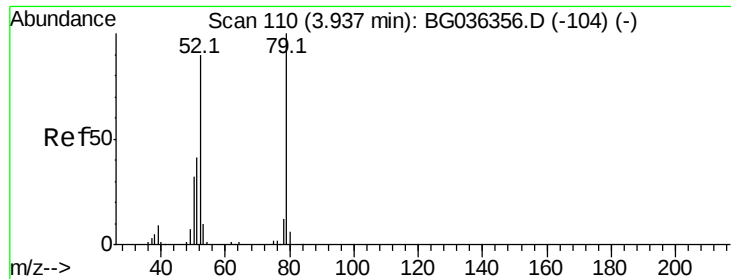
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





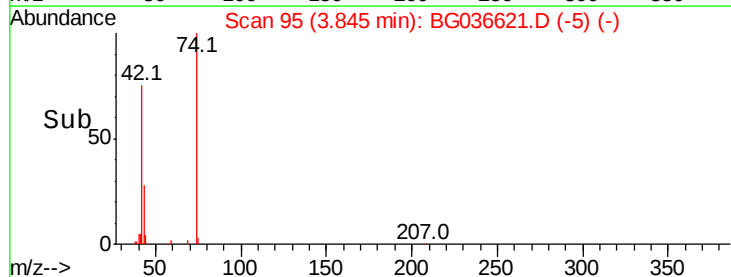
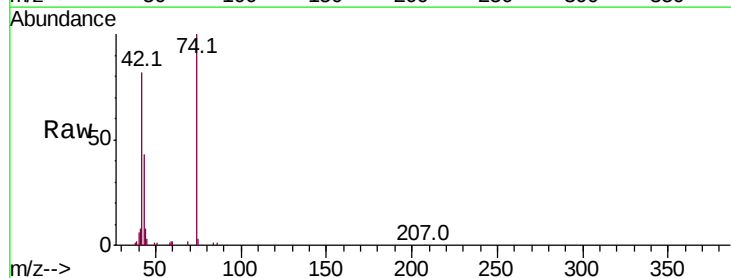
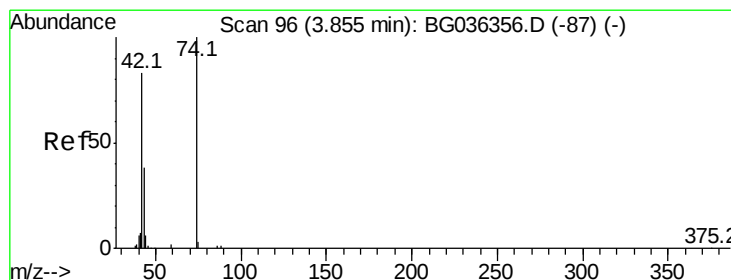
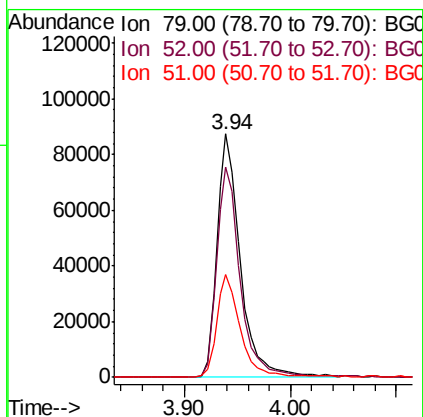
#3  
Pvridine  
Concen: 31.974 ng  
RT: 3.94 min Scan# 111  
Delta R.T. 0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 86.5  | 72.3  | 108.5 |
| 51      | 42.4  | 33.8  | 50.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

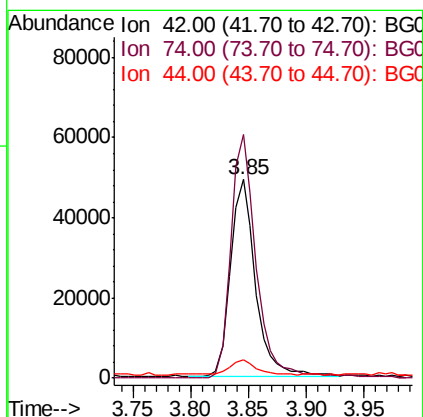
Manual Integrations  
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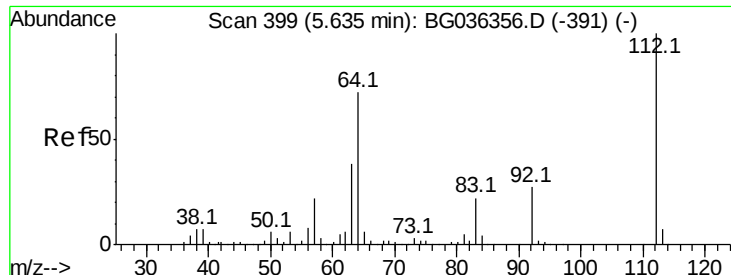
Sohil  
9/10/2018 11:05:47 AM



#4  
n-Nitrosodimethylamine  
Concen: 38.803 ng  
RT: 3.85 min Scan# 95  
Delta R.T. 0.00 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 122.5 | 96.6  | 145.0 |
| 44      | 9.3   | 7.0   | 10.4  |





#5

2-Fluorophenol

Concen: 106.273 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

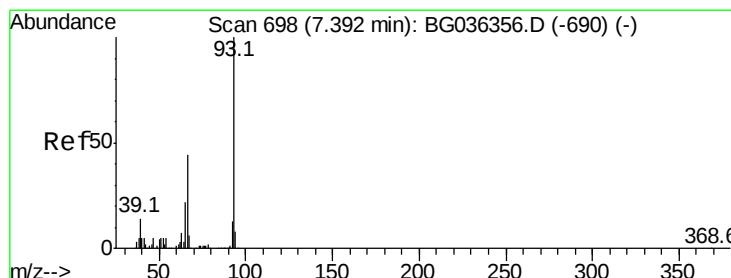
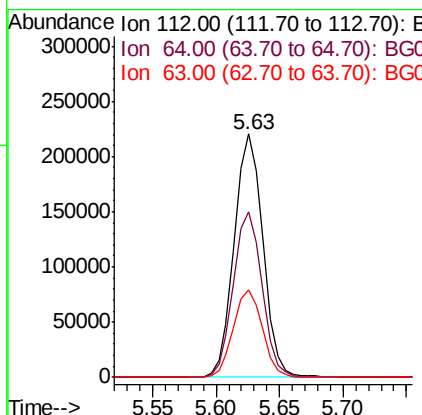
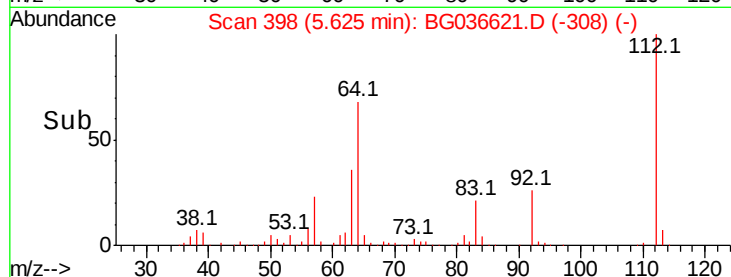
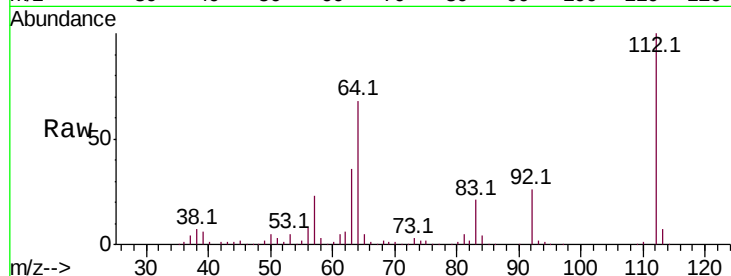
ClientSampleId :

OK-03-090618MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 344647 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 68.0  | 57.2  | 85.8   |
| 63        | 36.0  | 30.8  | 46.2   |

Manual Integrations  
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9/10/2018 11:05:47 AM



#6

Aniline

Concen: 22.465 ng

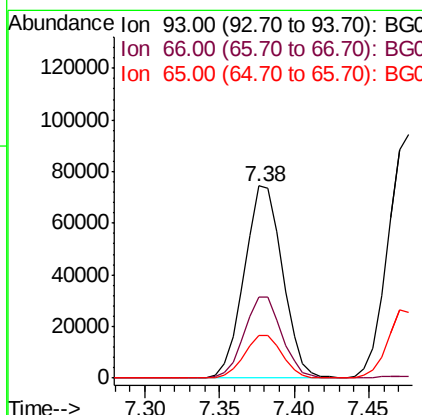
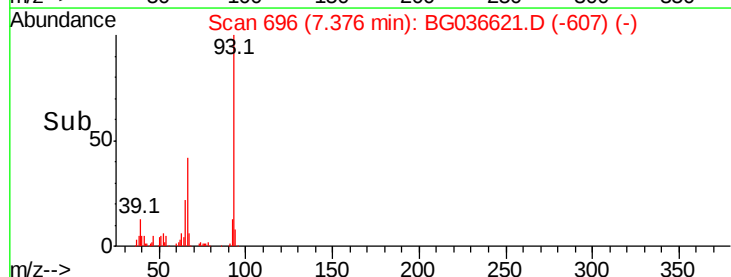
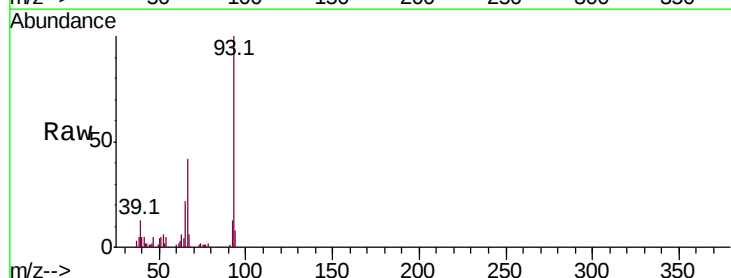
RT: 7.38 min Scan# 696

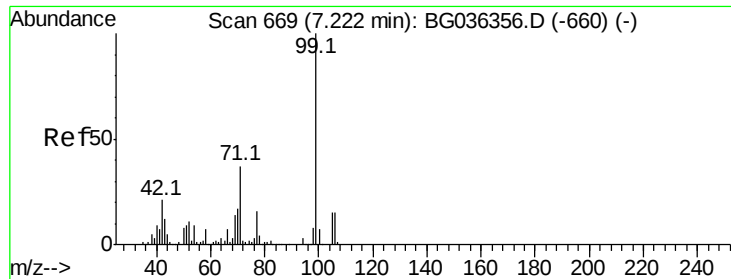
Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 132405 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 42.0  | 35.0  | 52.4   |
| 65        | 22.4  | 17.6  | 26.4   |





#7

Phenol-d6

Concen: 94.653 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

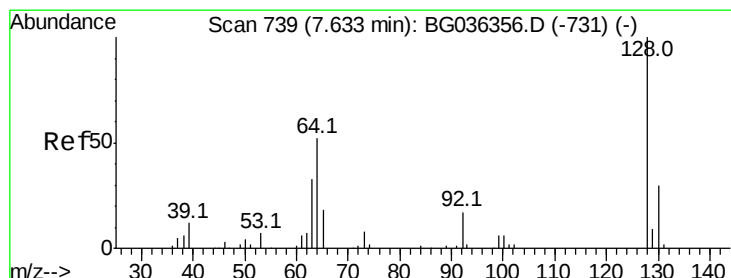
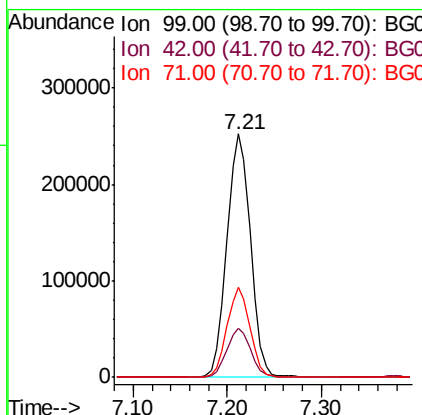
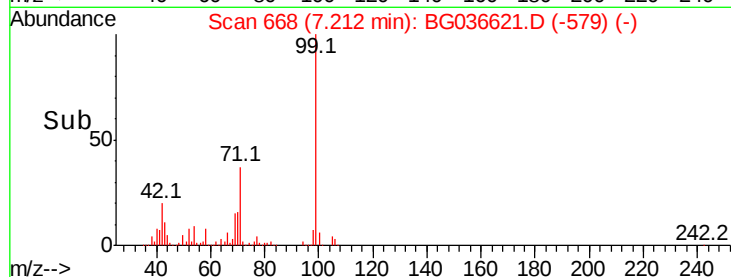
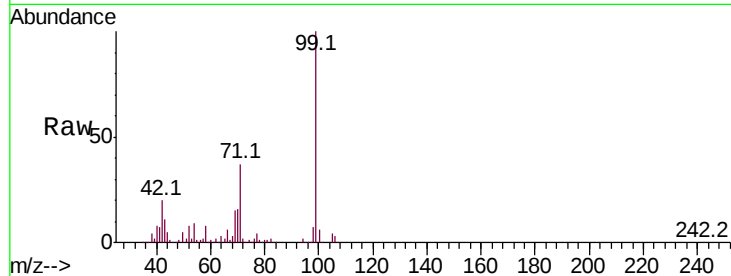
ClientSampleId :

OK-03-090618MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 439495 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.4  | 16.5  | 24.7   |
| 71        | 36.9  | 29.4  | 44.2   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.127 ng

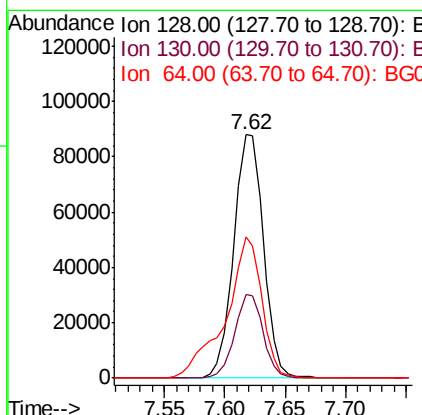
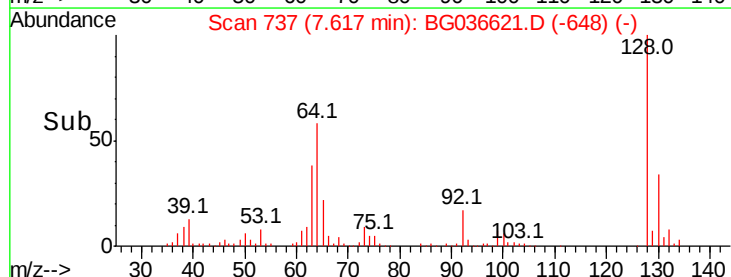
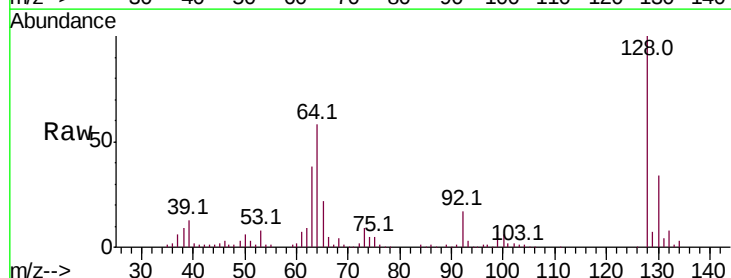
RT: 7.62 min Scan# 737

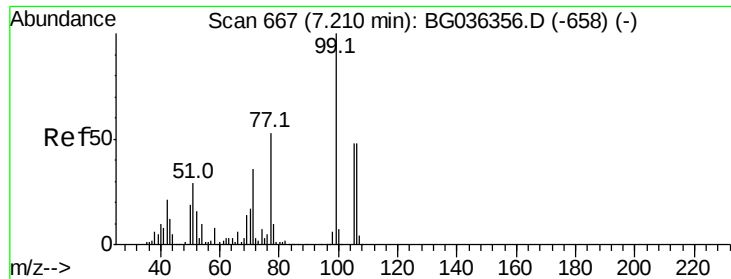
Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 151672 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.3  | 10.0  | 50.0   |
| 64        | 58.0  | 36.0  | 76.0   |





#9

Benzaldehyde

Concen: 25.880 ng

RT: 7.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

ClientSampleId :

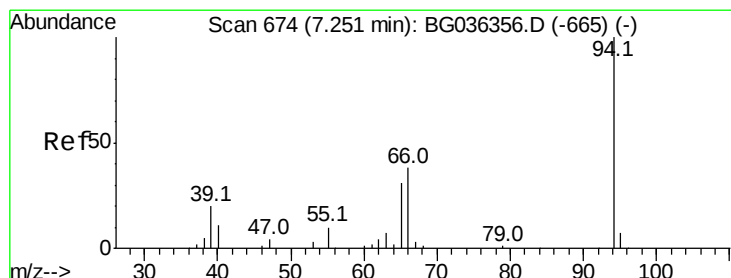
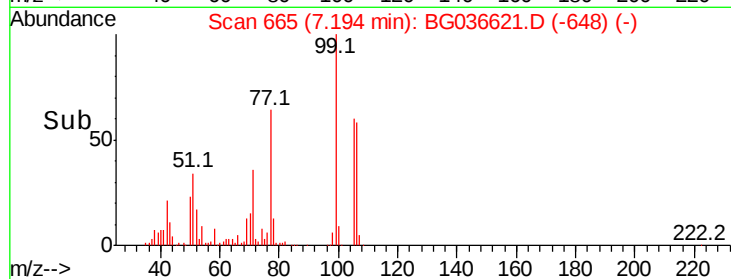
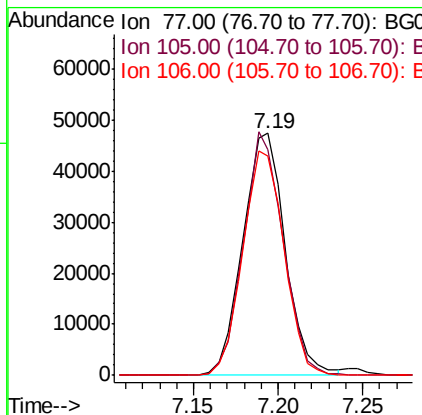
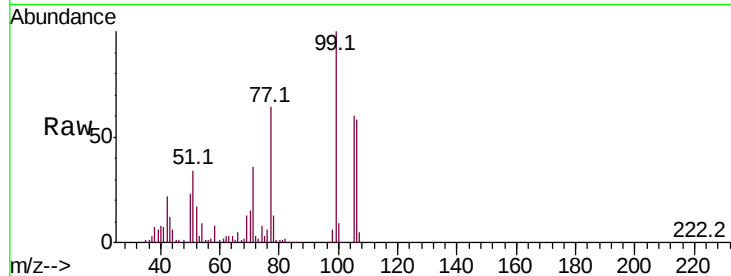
OK-03-090618MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 82749 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 93.2  | 70.5  | 110.5 |
| 106      | 90.6  | 69.8  | 109.8 |

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#10

Phenol

Concen: 36.033 ng

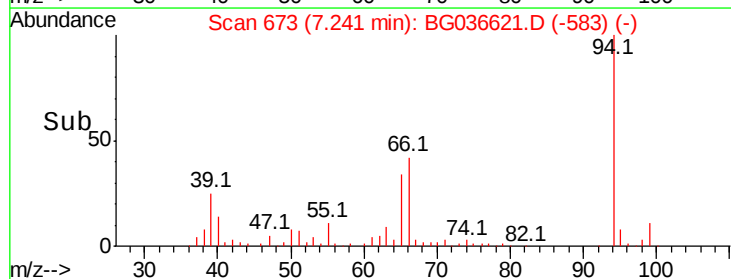
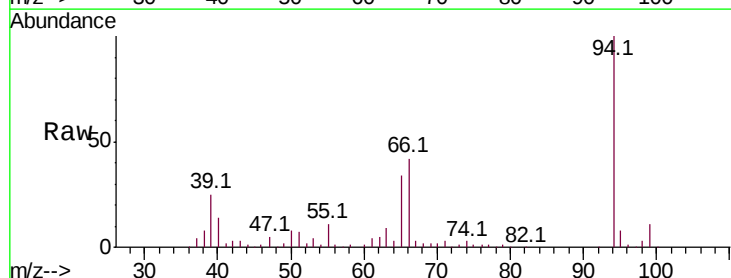
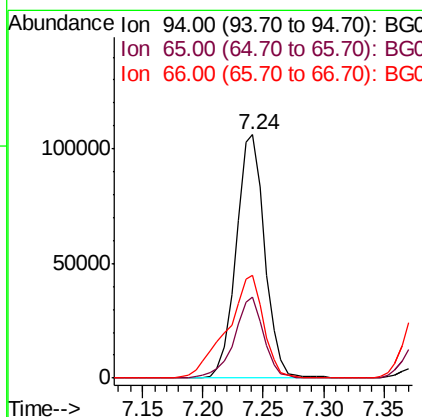
RT: 7.24 min Scan# 673

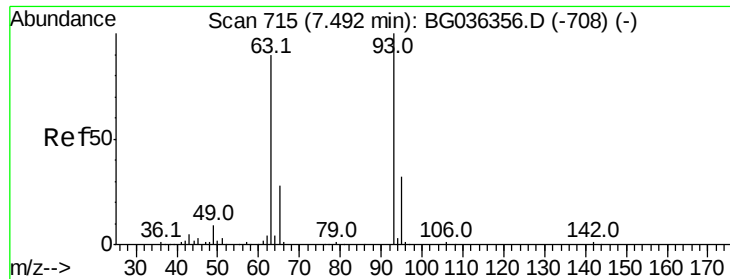
Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 175085 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.5  | 11.5  | 51.5   |
| 66       | 42.1  | 19.5  | 59.5   |





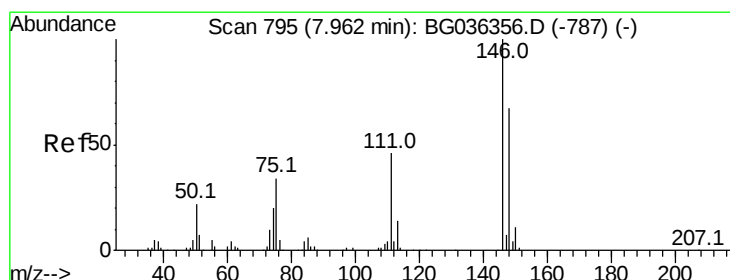
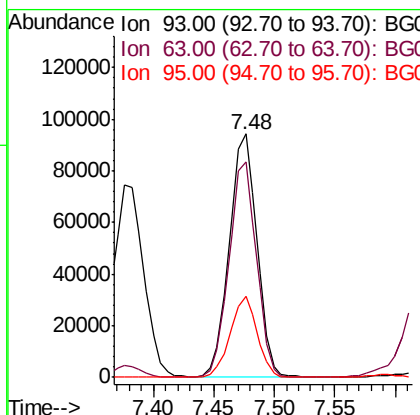
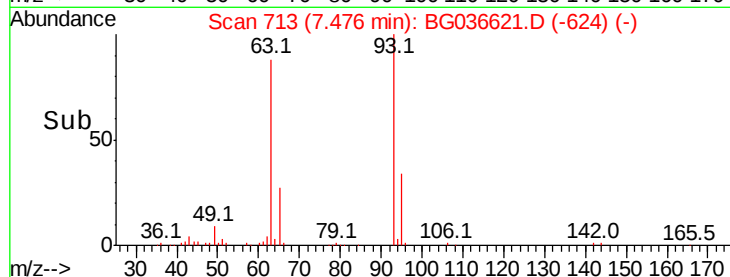
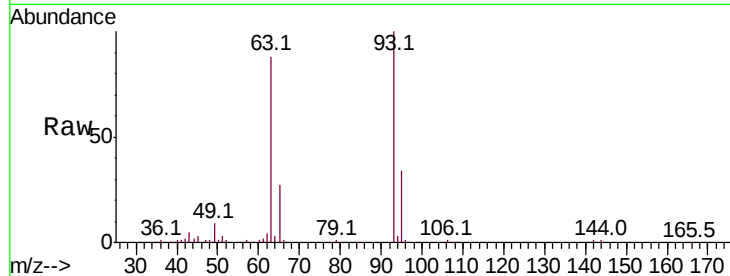
#11  
bis(2-Chloroethyl)ether  
Concen: 39.197 ng  
RT: 7.48 min Scan# 713  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 88.5  | 69.9 | 109.9 |       |
| 95      | 33.5  | 11.7 | 51.7  |       |

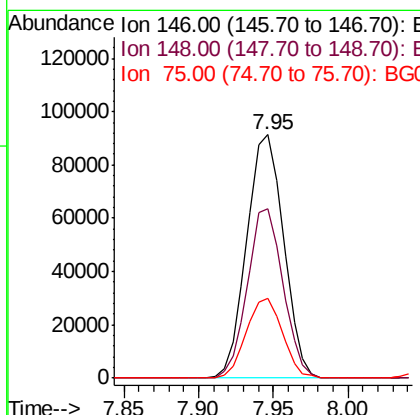
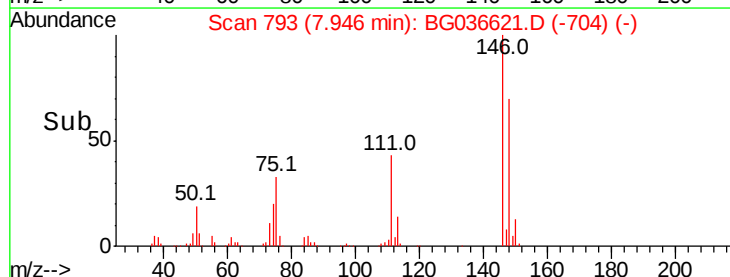
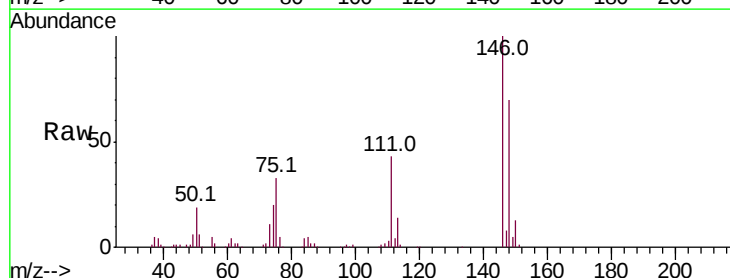
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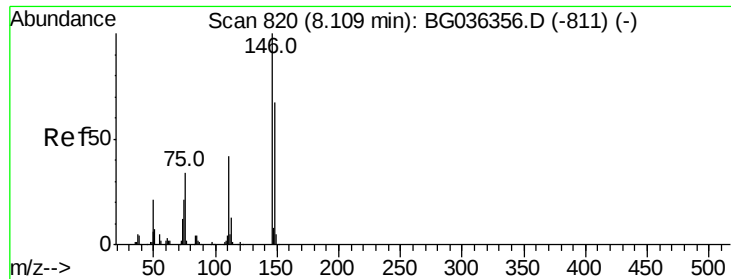
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 38.891 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 69.5  | 53.8 | 80.6  |       |
| 75      | 32.7  | 27.2 | 40.8  |       |





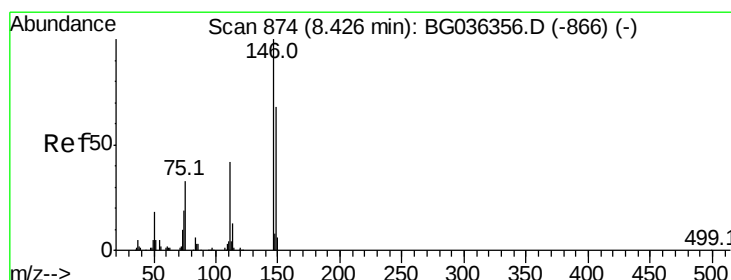
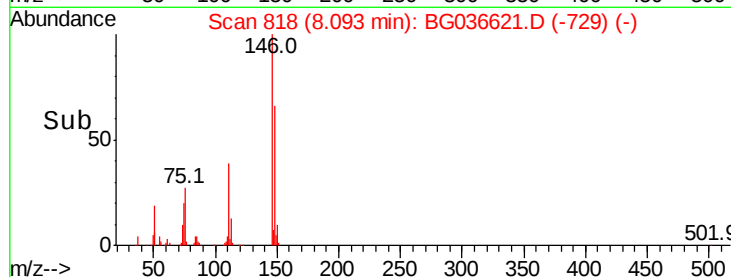
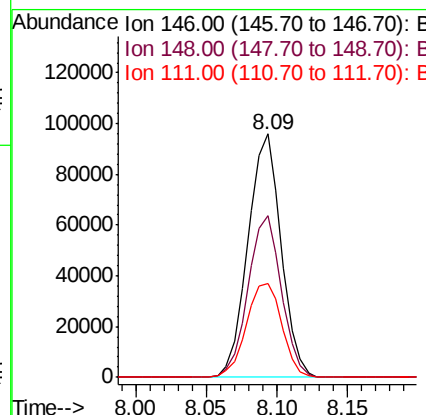
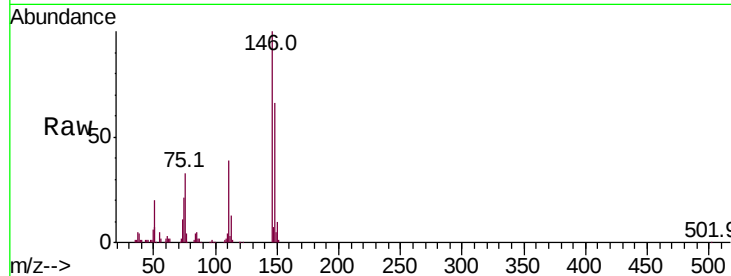
#13  
 1,4-Dichlorobenzene  
 Concen: 39.019 ng  
 RT: 8.09 min Scan# 818  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.4  | 53.9  | 80.9  |
| 111     | 38.7  | 33.8  | 50.6  |

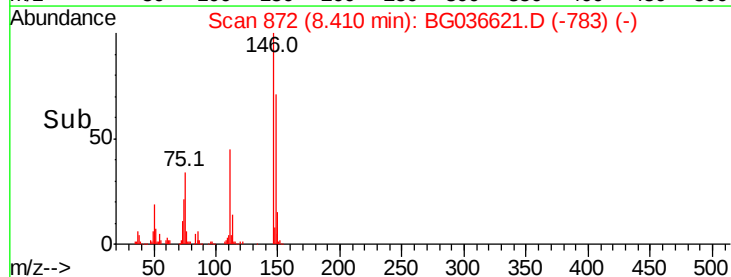
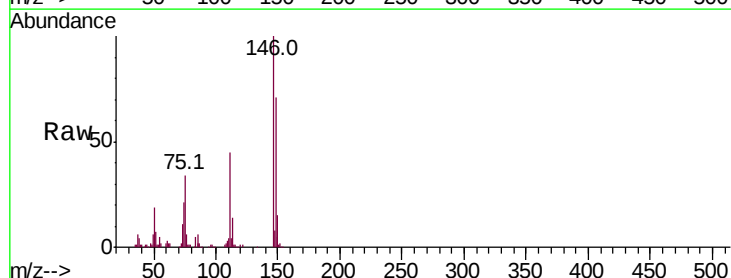
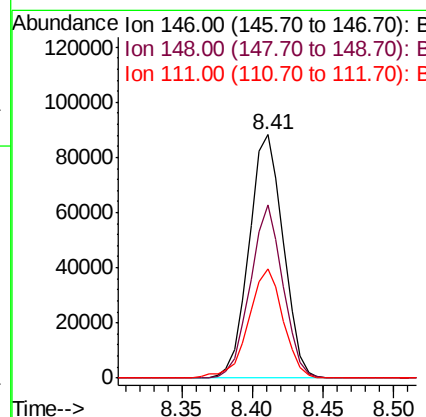
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#14  
 1,2-Dichlorobenzene  
 Concen: 38.772 ng  
 RT: 8.41 min Scan# 872  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 71.4  | 55.0  | 82.6  |
| 111     | 44.8  | 34.6  | 51.8  |





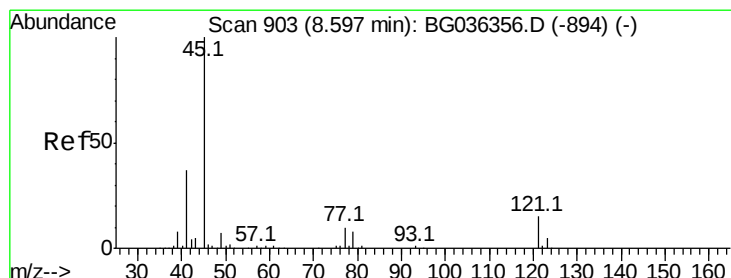
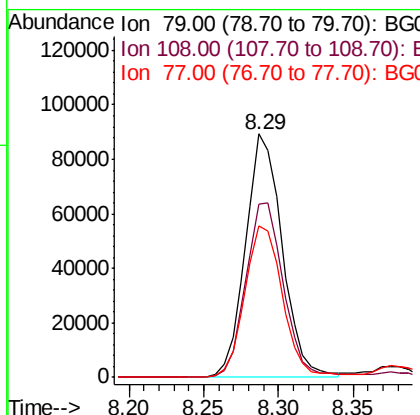
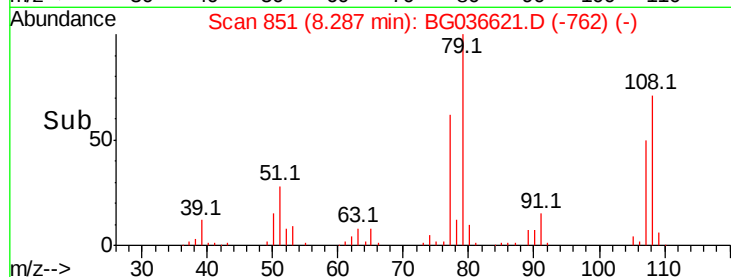
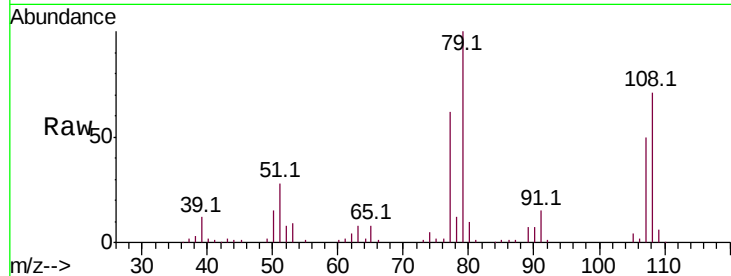
#15  
Benzyl Alcohol  
Concen: 40.521 ng  
RT: 8.29 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 71.1  | 55.9  | 83.9  |
| 77      | 62.0  | 50.0  | 75.0  |

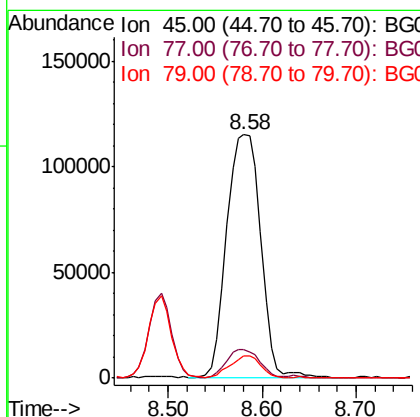
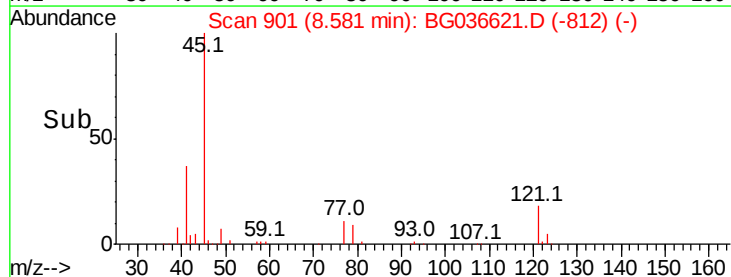
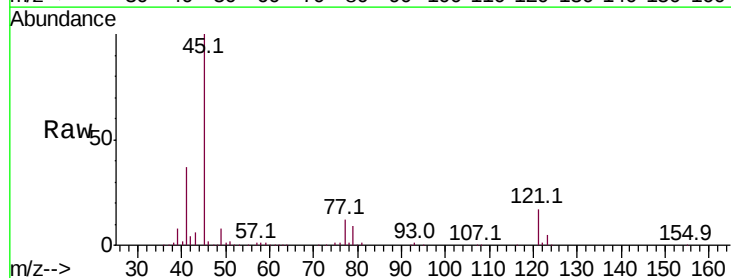
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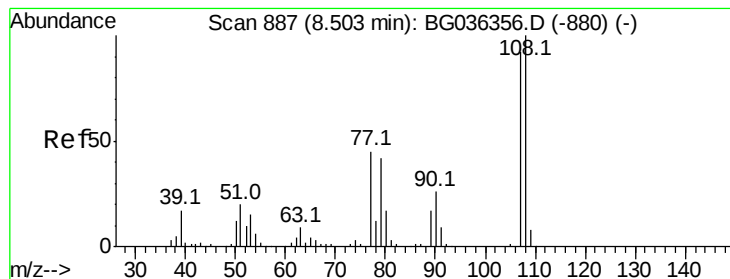
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.925 ng  
RT: 8.58 min Scan# 901  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 11.6  | 0.0   | 30.5  |
| 79      | 9.3   | 0.0   | 27.9  |





#17

2-Methylphenol

Concen: 41.953 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

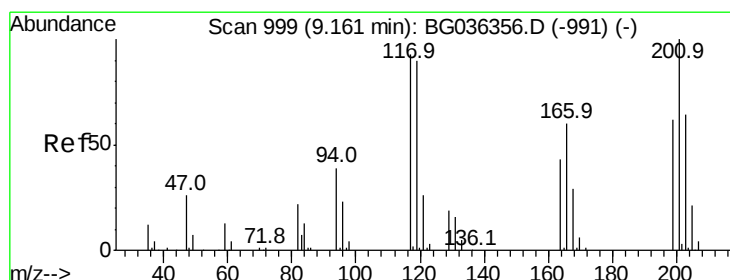
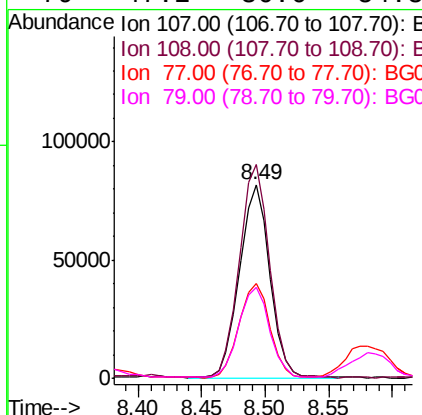
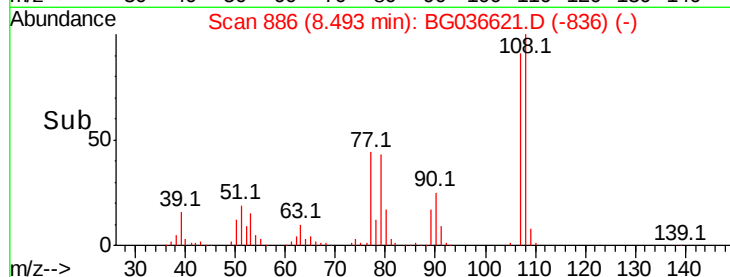
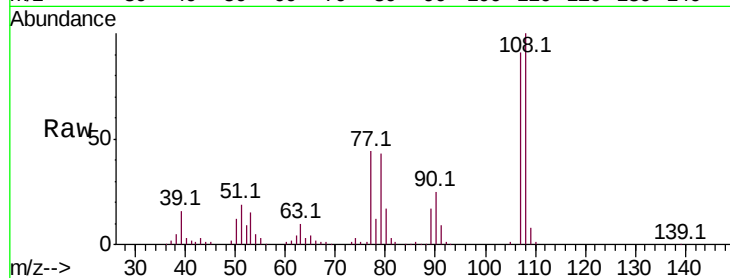
ClientSampleId :

OK-03-090618MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 135360 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.3 | 86.7  | 130.1  |
| 77        | 48.8  | 39.0  | 58.4   |
| 79        | 47.2  | 36.6  | 54.8   |

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#18

Hexachloroethane

Concen: 40.483 ng

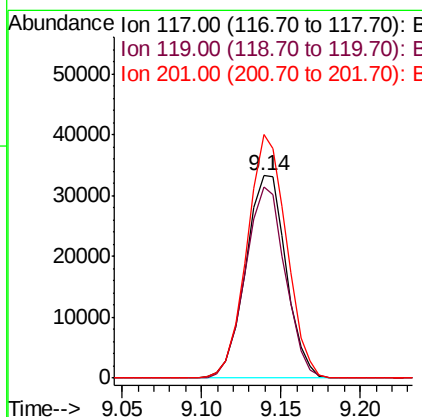
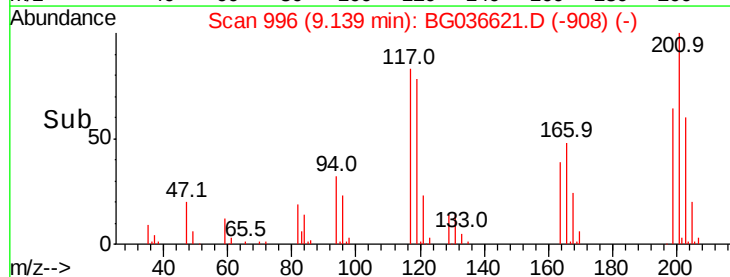
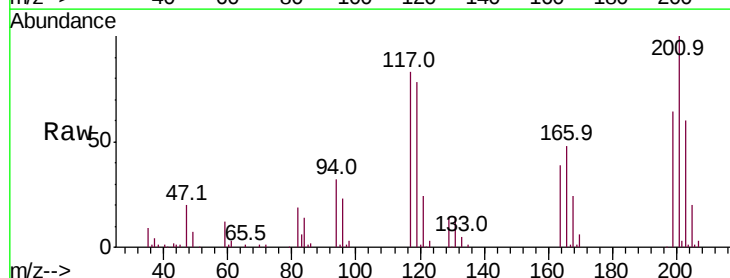
RT: 9.14 min Scan# 996

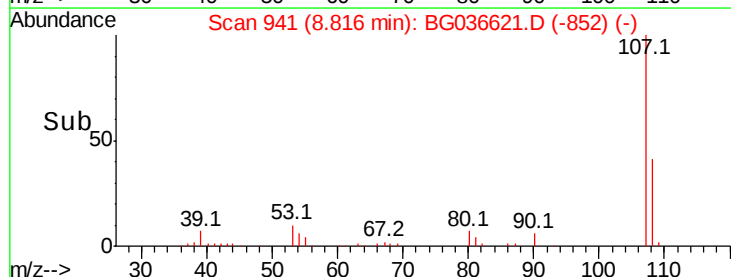
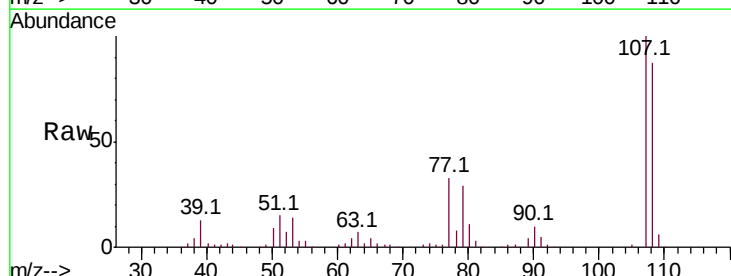
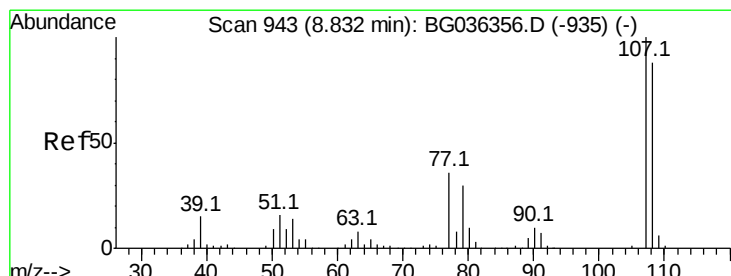
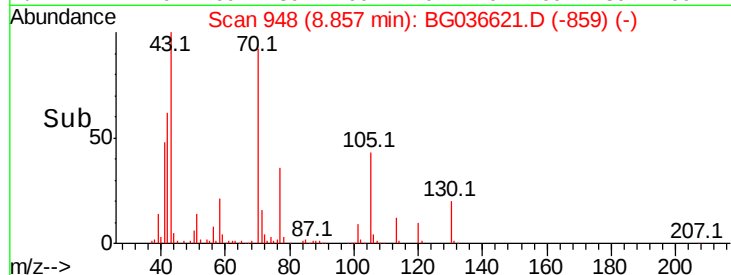
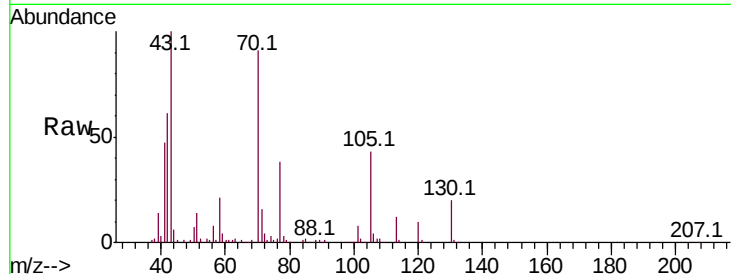
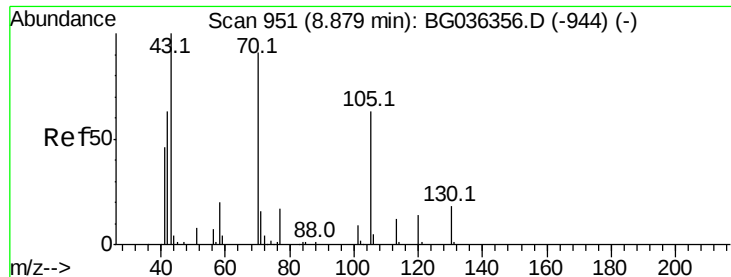
Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

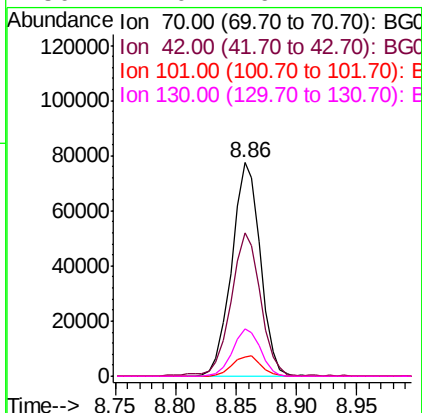
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 58848 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.4  | 76.8  | 115.2 |
| 201       | 120.4 | 85.7  | 128.5 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.710 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 67.3 | 56.2  | 84.4 |       |       |
| 101     | 9.3  | 7.8   | 11.6 |       |       |
| 130     | 22.0 | 16.2  | 24.2 |       |       |



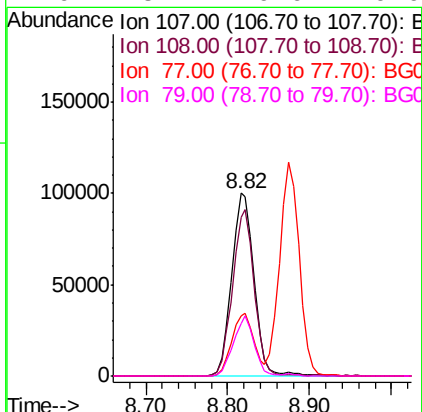
Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

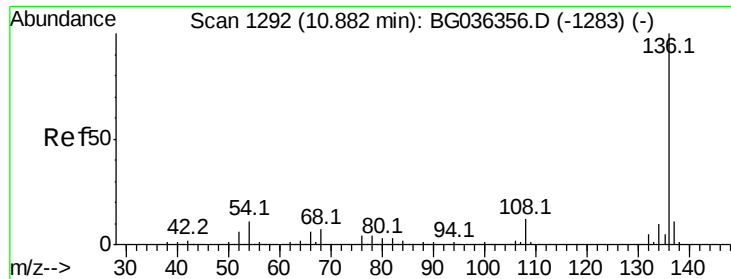
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#20  
3+4-Methylphenols  
Concen: 42.065 ng  
RT: 8.82 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 87.0 | 68.0  | 108.0 |       |       |
| 77      | 32.9 | 15.6  | 55.6  |       |       |
| 79      | 28.7 | 9.9   | 49.9  |       |       |





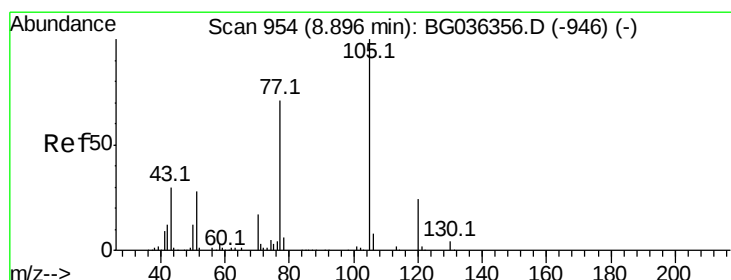
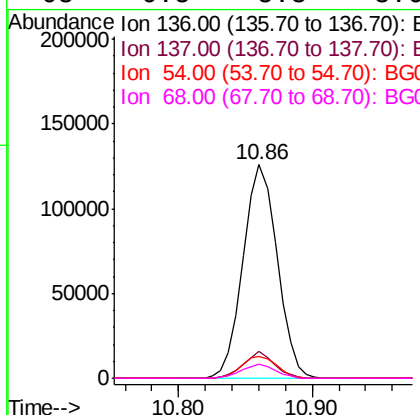
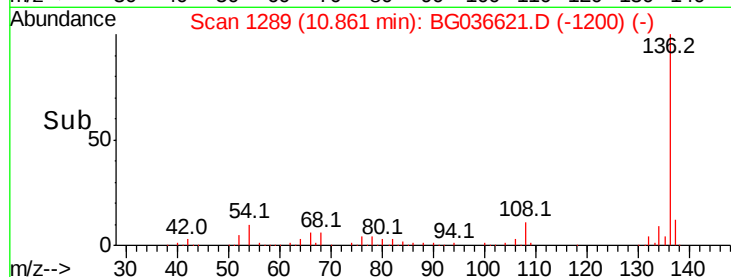
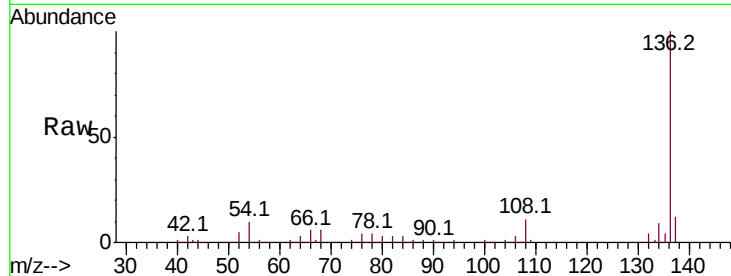
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1289  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 222270 |       |       |
| 137     | 12.3  |        | 8.8   | 13.2  |
| 54      | 10.1  |        | 9.2   | 13.8  |
| 68      | 6.5   |        | 5.8   | 8.6   |

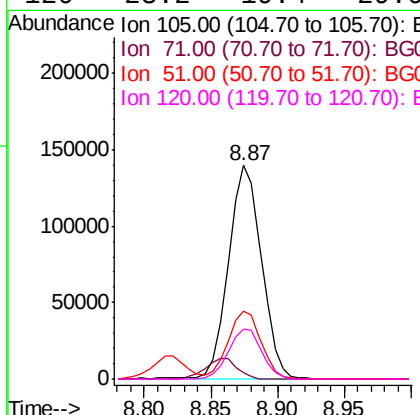
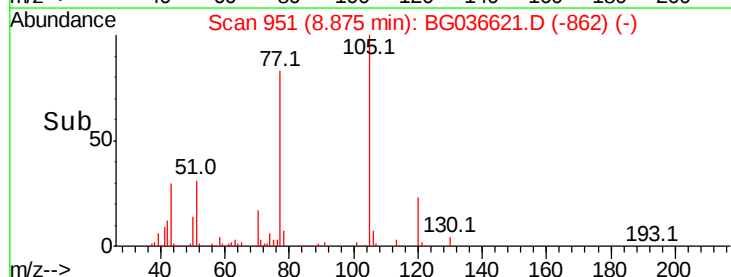
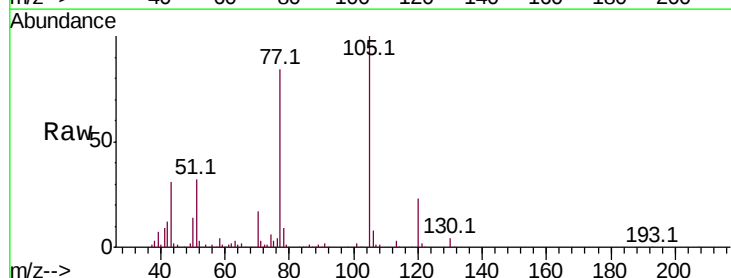
Manual Integrations  
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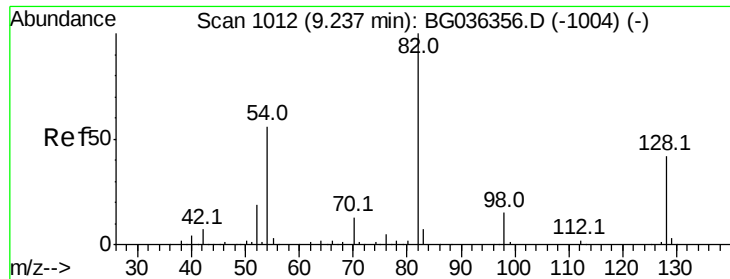
Sohil  
9/10/2018 11:05:47 AM



#22  
Acetophenone  
Concen: 41.270 ng  
RT: 8.87 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 240883 |       |       |
| 71      | 2.8   |        | 2.4   | 3.6   |
| 51      | 31.8  |        | 25.9  | 38.9  |
| 120     | 23.2  |        | 19.4  | 29.0  |





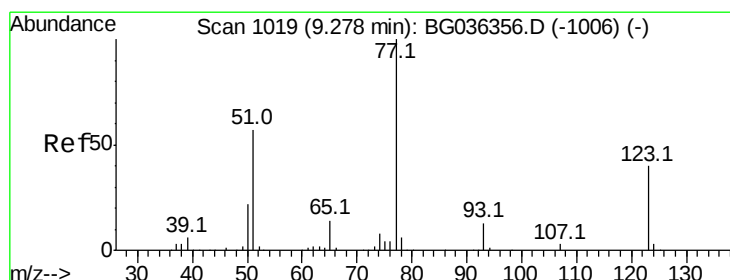
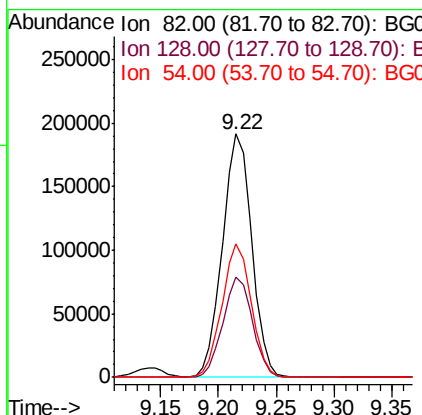
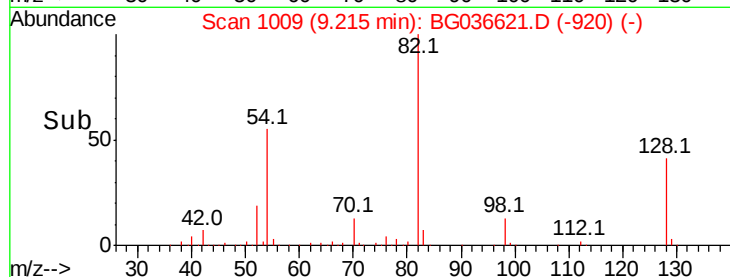
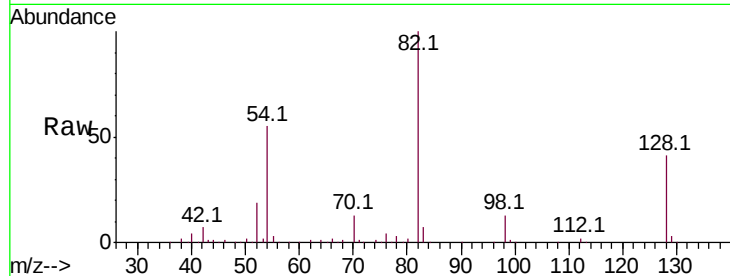
#23  
 Nitrobenzene-d5  
 Concen: 82.334 ng  
 RT: 9.22 min Scan# 1009  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 337293 |       |       |
| 128     | 41.3  | 33.3   | 49.9  |       |
| 54      | 54.7  | 45.1   | 67.7  |       |

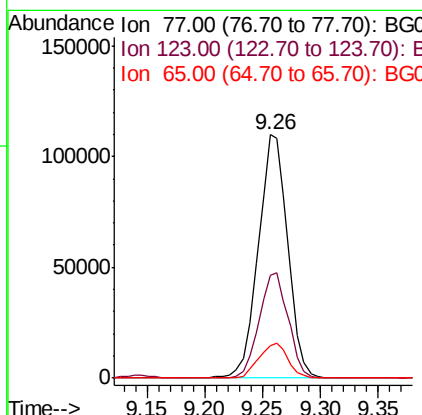
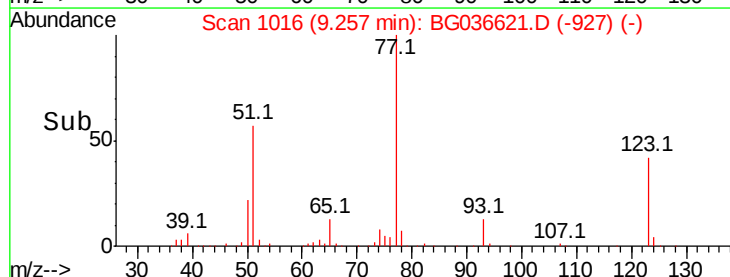
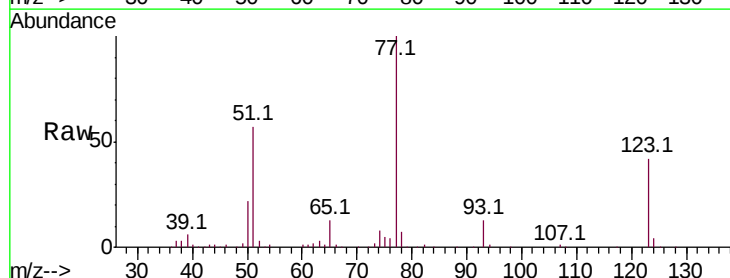
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#24  
 Nitrobenzene  
 Concen: 44.017 ng  
 RT: 9.26 min Scan# 1016  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 194445 |       |       |
| 123     | 42.3  | 32.4   | 48.6  |       |
| 65      | 13.2  | 11.5   | 17.3  |       |





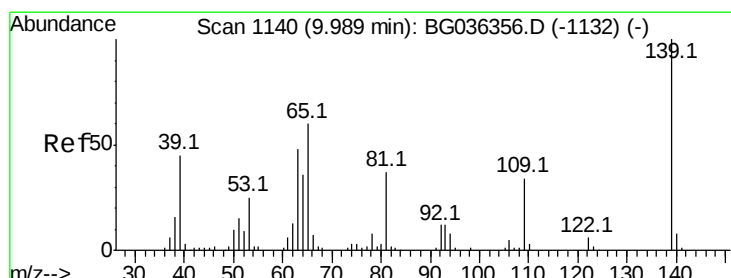
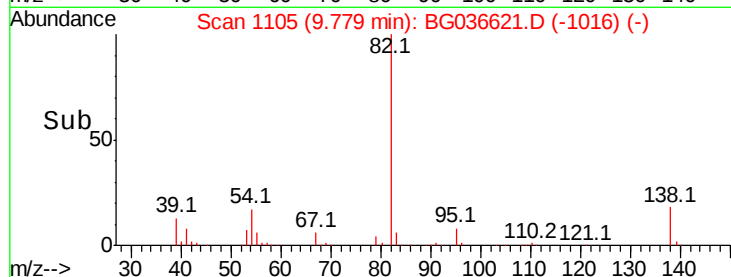
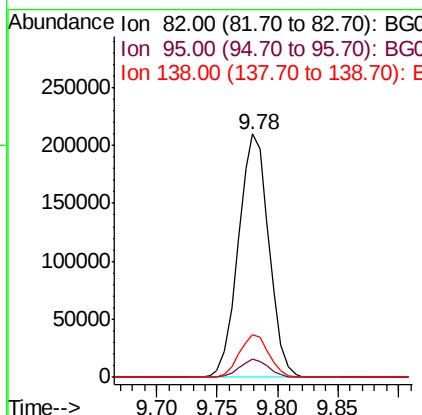
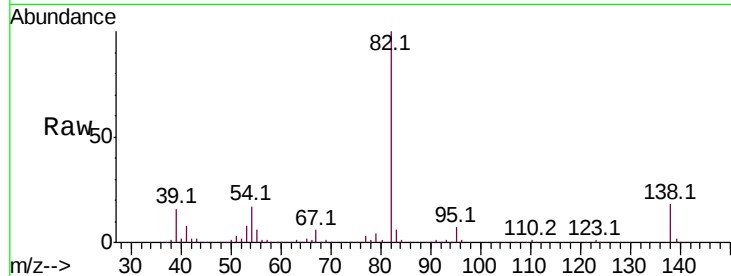
#25  
Isophorone  
Concen: 45.129 ng  
RT: 9.78 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 367268 |       |       |
| 95      | 7.5   |        | 5.8   | 8.8   |
| 138     | 17.6  |        | 12.9  | 19.3  |

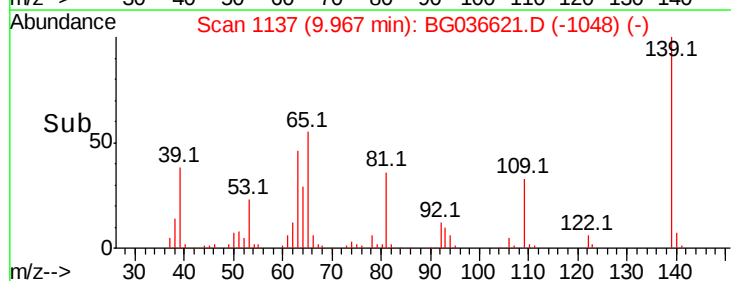
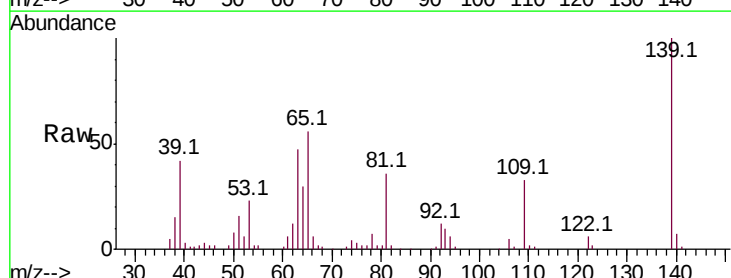
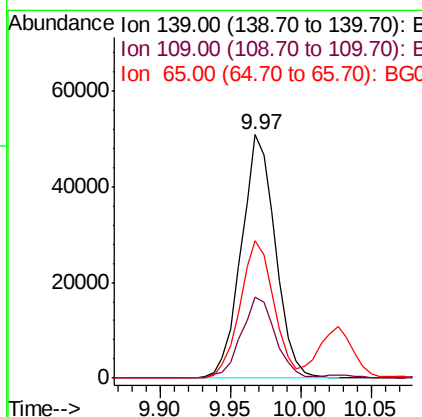
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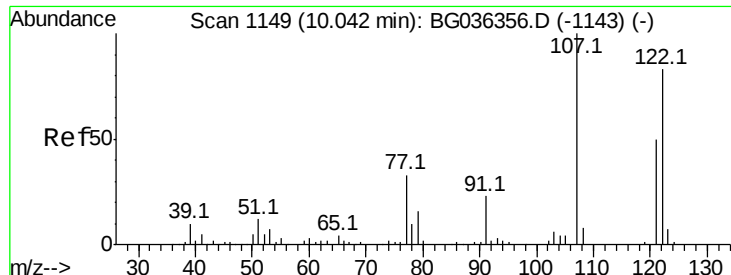
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#26  
2-Nitrophenol  
Concen: 48.923 ng  
RT: 9.97 min Scan# 1137  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 85640 |       |       |
| 109     | 33.2  |       | 27.4  | 41.0  |
| 65      | 56.3  |       | 47.8  | 71.6  |





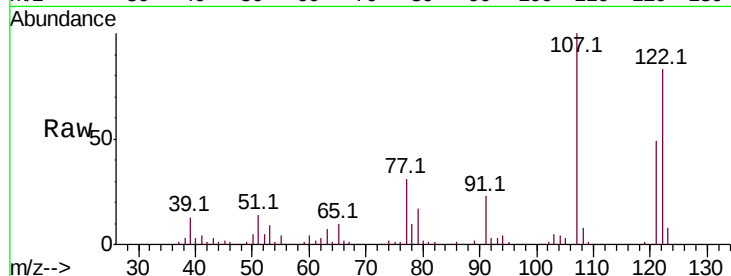
#27  
 2,4-Dimethylphenol  
 Concen: 48.185 ng  
 RT: 10.03 min Scan# 1147  
 Delta R.T. 0.00 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 156162 |       |       |
| 107     | 120.9 | 96.0   | 144.0 |       |
| 121     | 59.4  | 48.2   | 72.4  |       |

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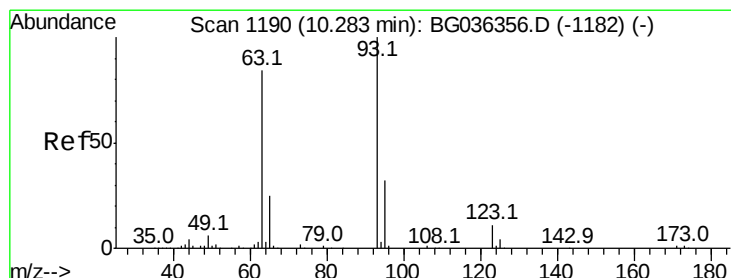
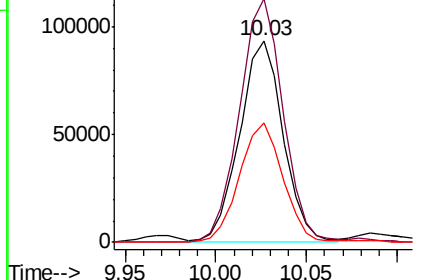
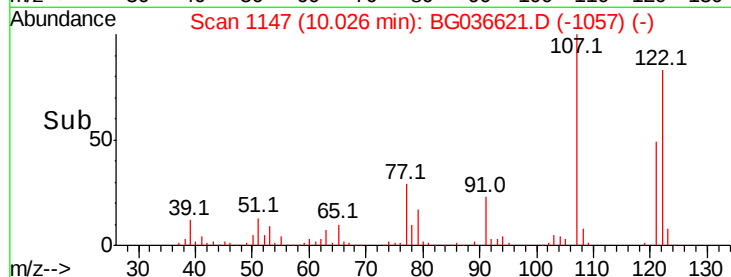


Abundance

Ion 122.00 (121.70 to 122.70): E

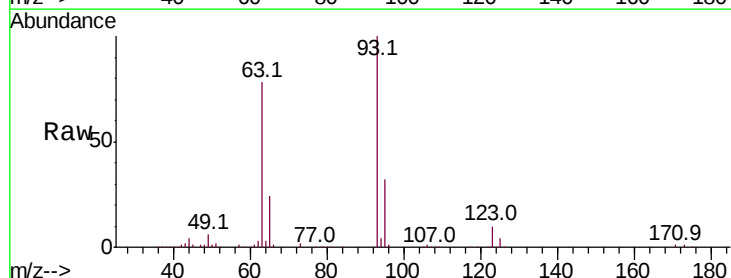
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.874 ng  
 RT: 10.26 min Scan# 1187  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 214138 |       |       |
| 95      | 32.3  | 25.2   | 37.8  |       |
| 123     | 10.4  | 8.6    | 12.8  |       |

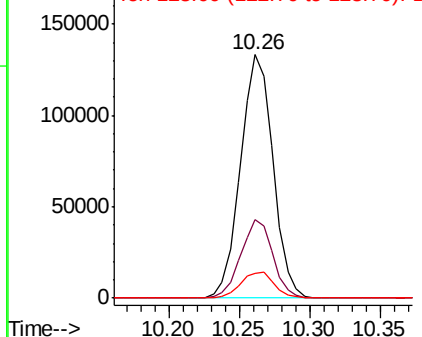
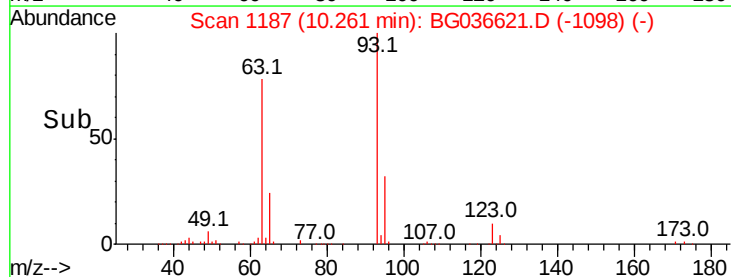


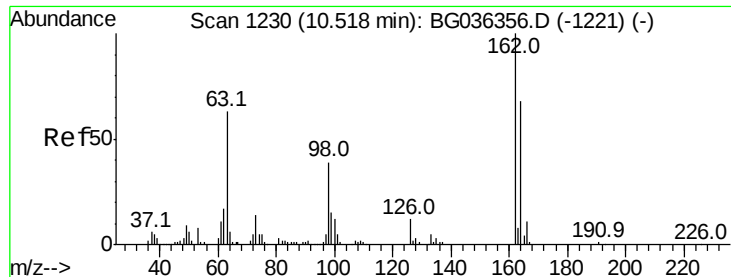
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





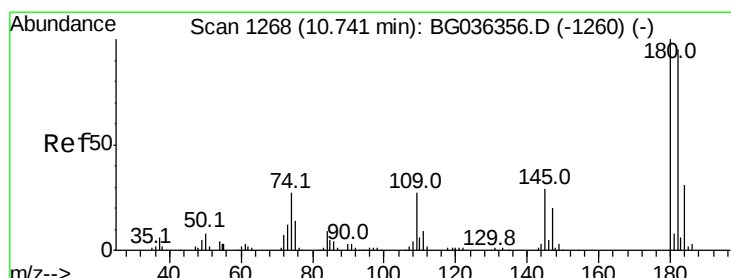
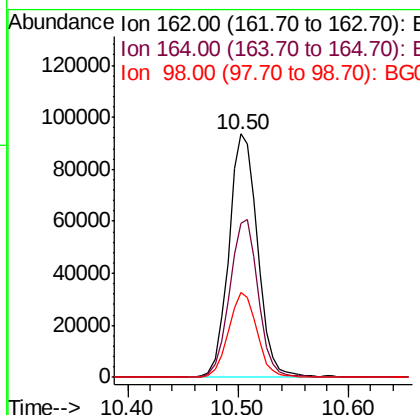
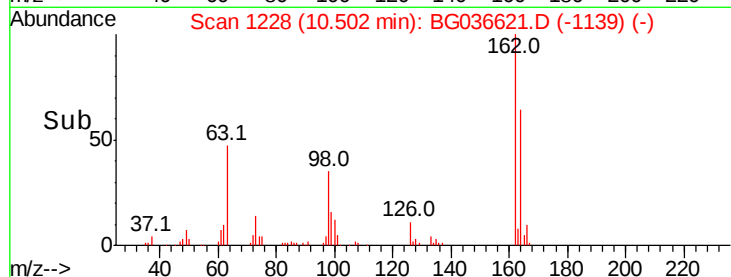
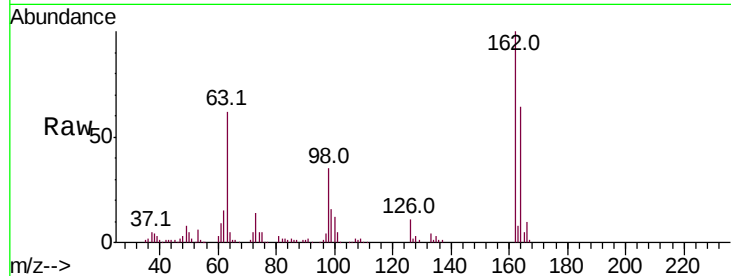
#29  
2,4-Dichlorophenol  
Concen: 48.105 ng  
RT: 10.50 min Scan# 1228  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 170861 |       |       |
| 164     | 63.5  | 47.6   | 87.6  |       |
| 98      | 35.1  | 19.2   | 59.2  |       |

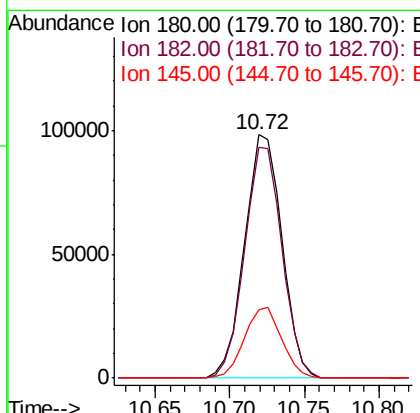
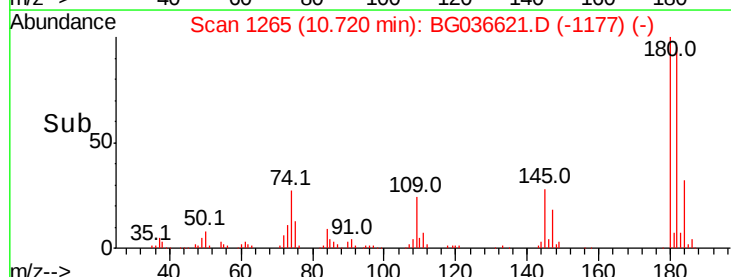
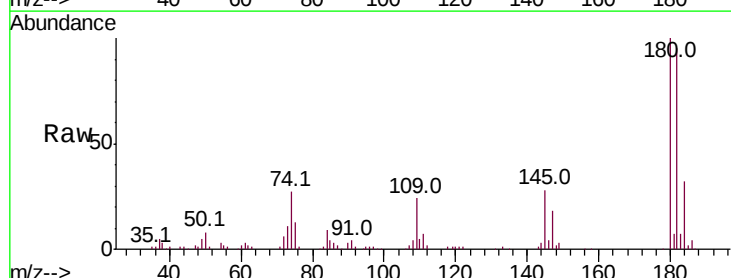
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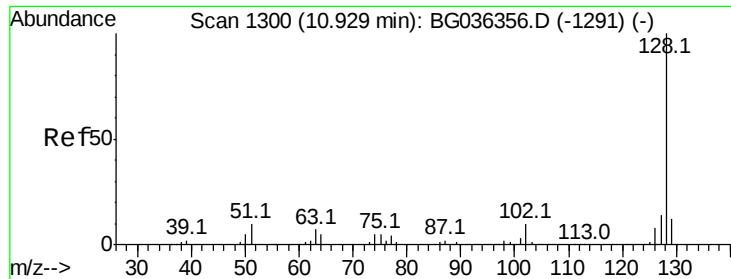
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.030 ng  
RT: 10.72 min Scan# 1265  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 170483 |       |       |
| 182     | 94.6  | 76.0   | 114.0 |       |
| 145     | 27.9  | 22.9   | 34.3  |       |





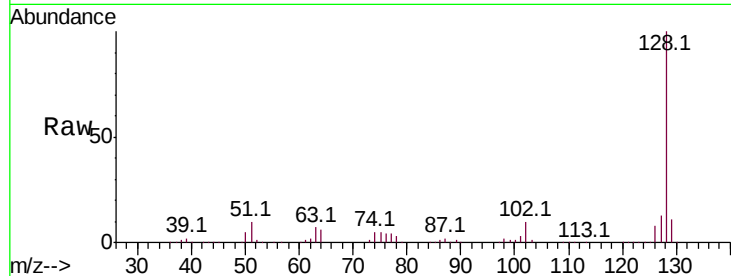
#31  
Naphthalene  
Concen: 46.052 ng  
RT: 10.91 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

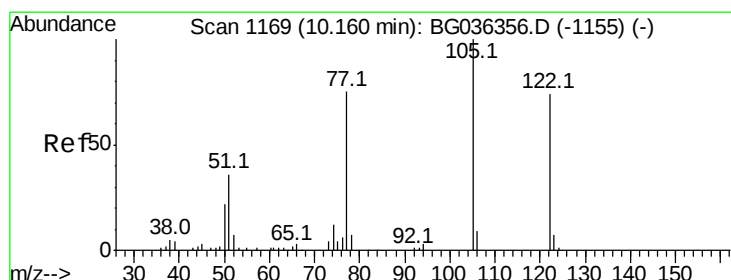
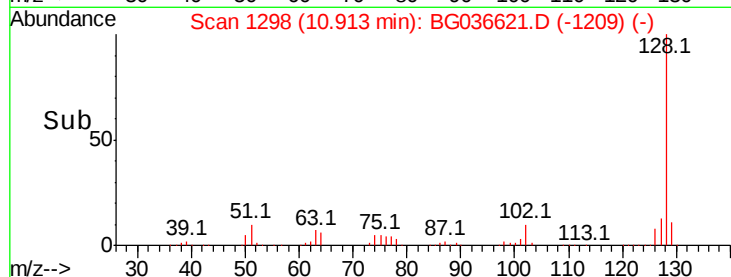
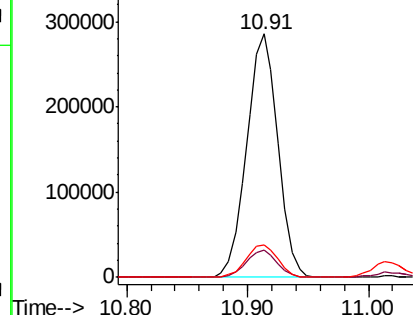
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 9.4   | 14.2  |
| 127     | 13.4  | 11.0  | 16.4  |

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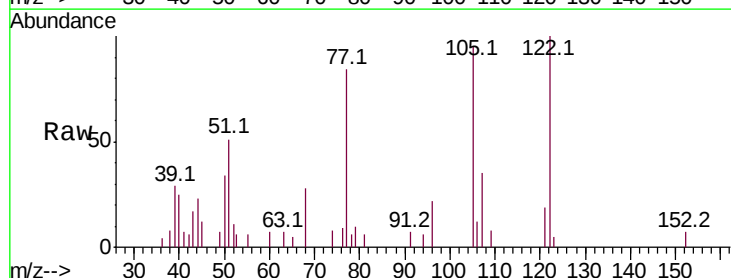


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

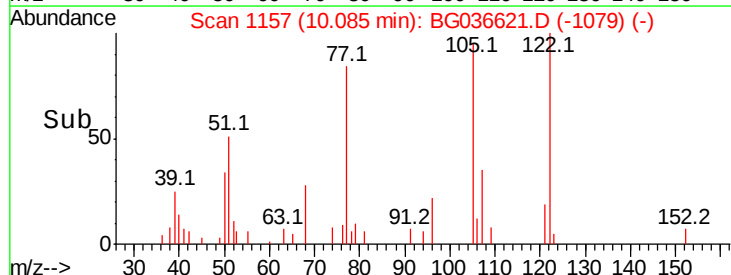
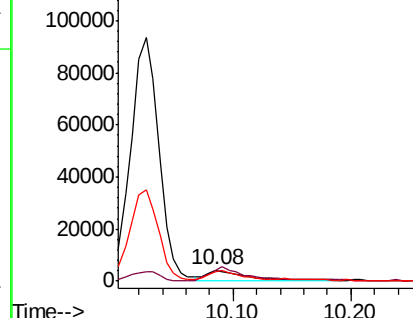


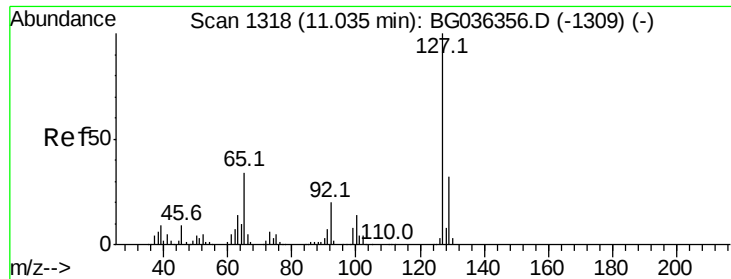
#32  
Benzoic acid  
Concen: 8.699 ng m  
RT: 10.08 min Scan# 1157  
Delta R.T. -0.07 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 95.5  | 108.1 | 148.1# |
| 77      | 83.7  | 76.3  | 116.3  |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG





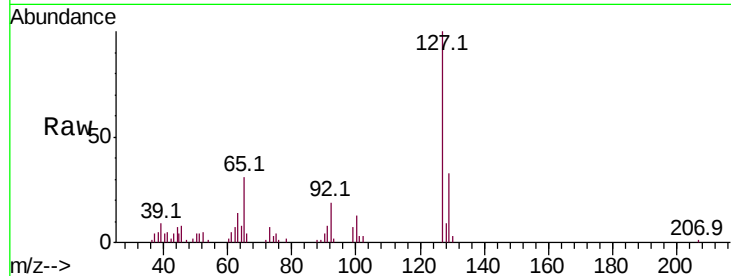
#33  
4-Chloroaniline  
Concen: 7.088 ng  
RT: 11.01 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

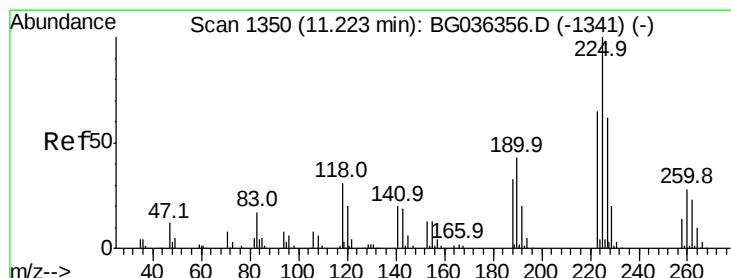
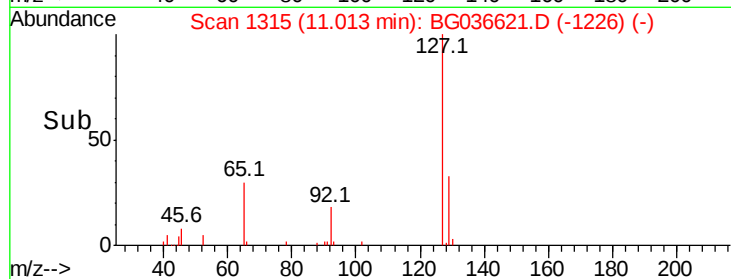
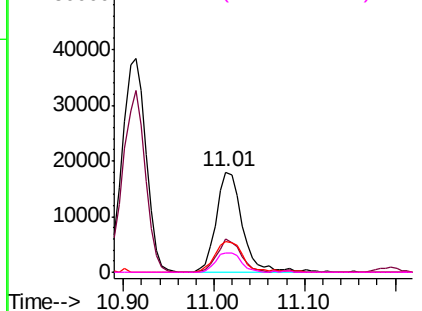
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.7  | 25.9  | 38.9  |
| 65      | 31.2  | 27.5  | 41.3  |
| 92      | 19.0  | 16.2  | 24.2  |

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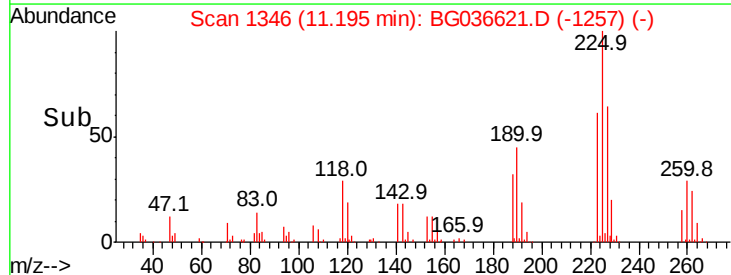
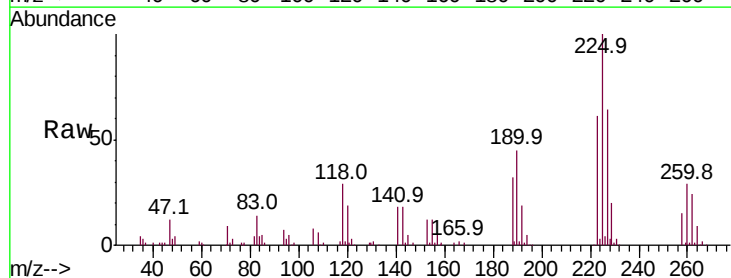
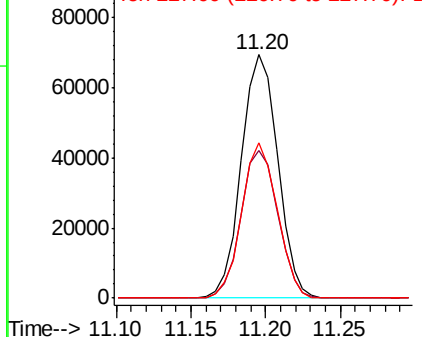
Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

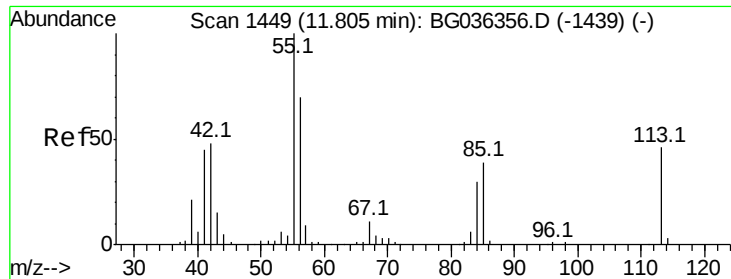


#34  
Hexachlorobutadiene  
Concen: 42.034 ng  
RT: 11.20 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.7  | 51.8  | 77.8  |
| 227     | 63.8  | 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: 32.844 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

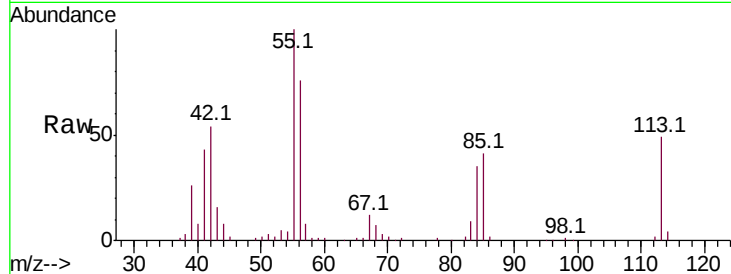
ClientSampleId :

OK-03-090618MS

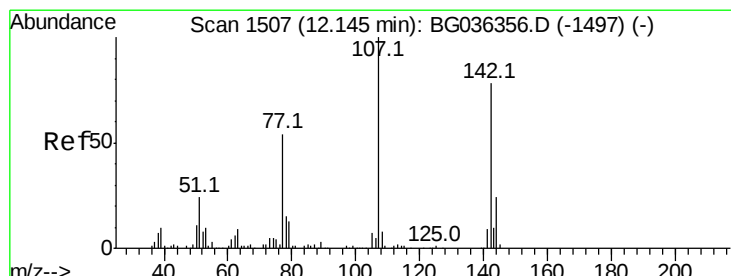
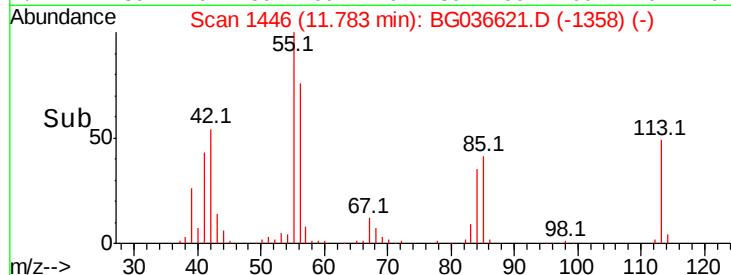
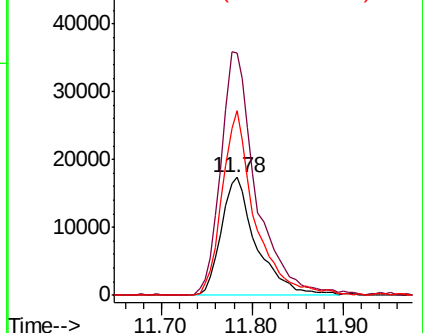
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 46471 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 205.8 | 197.7 | 237.7 |
| 56        | 156.7 | 131.7 | 171.7 |

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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.852 ng

RT: 12.13 min Scan# 1505

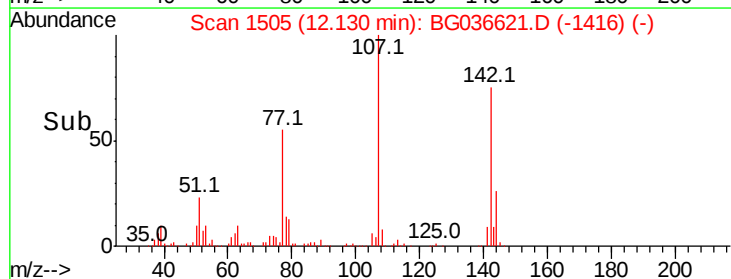
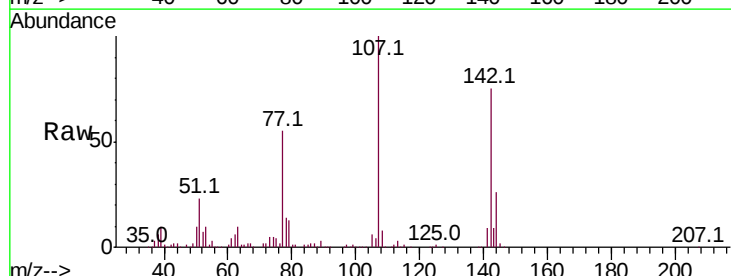
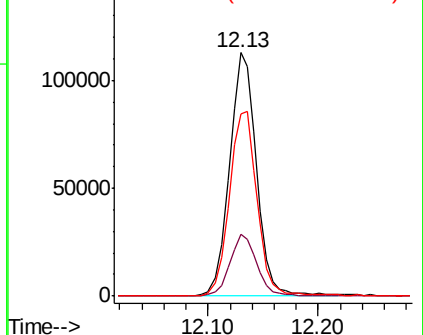
Delta R.T. -0.01 min

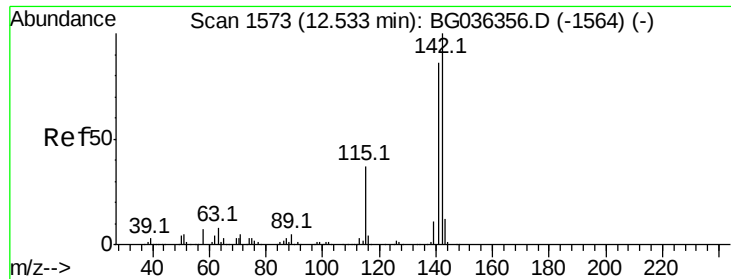
Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 193363 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.6  | 19.5  | 29.3   |
| 142       | 75.0  | 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





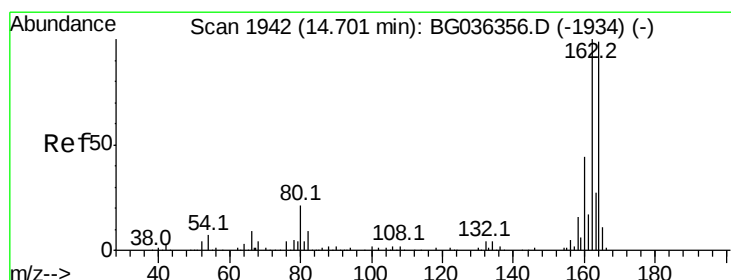
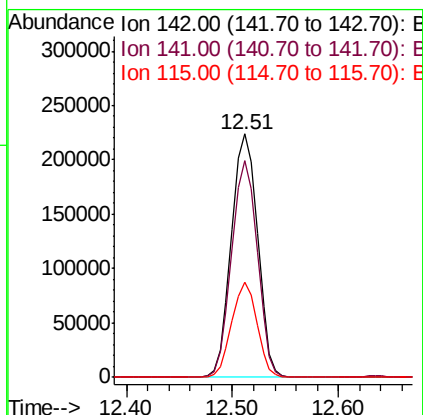
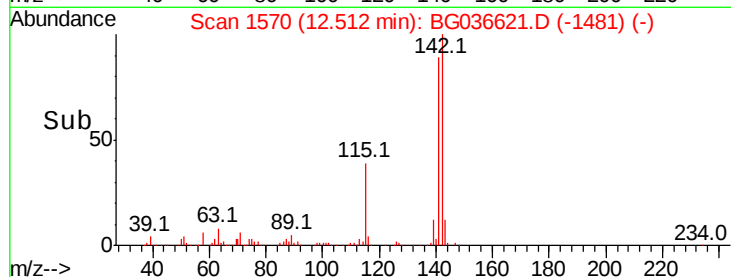
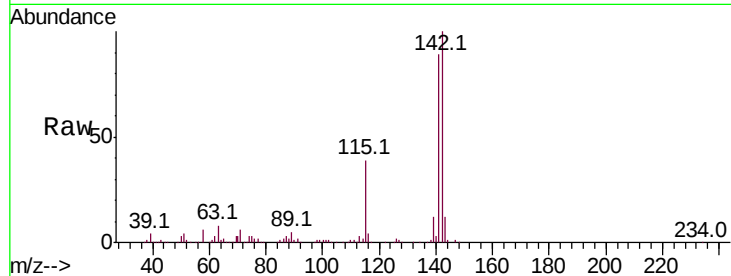
#37  
2-Methylnaphthalene  
Concen: 47.208 ng  
RT: 12.51 min Scan# 1570  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 68.5  | 102.7 |
| 115     | 39.3  | 29.8  | 44.8  |

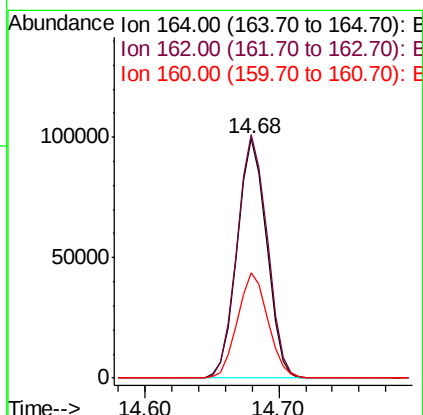
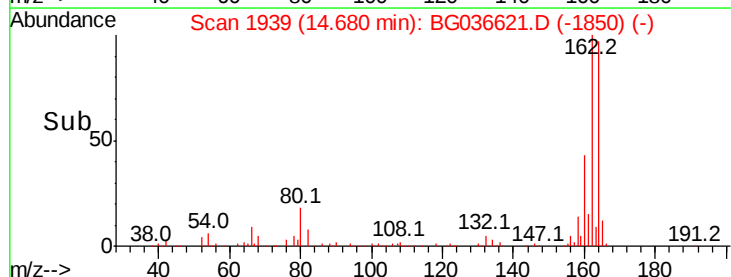
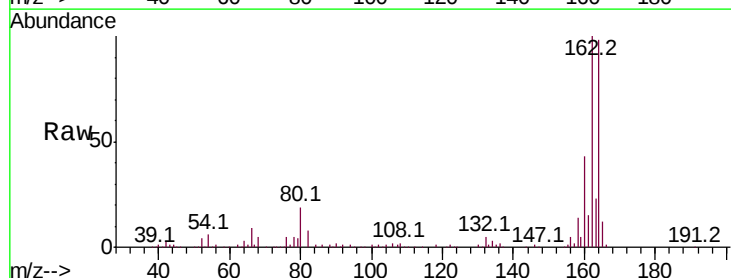
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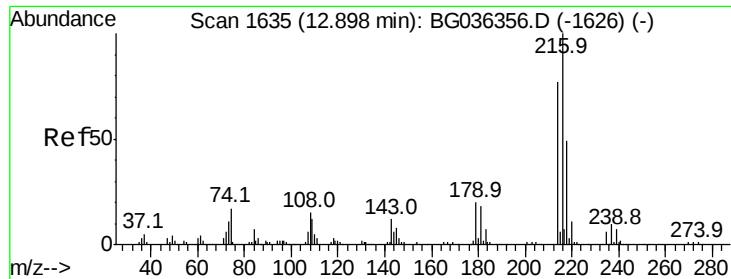
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.68 min Scan# 1939  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.6 | 80.7  | 121.1 |
| 160     | 44.0  | 35.3  | 52.9  |





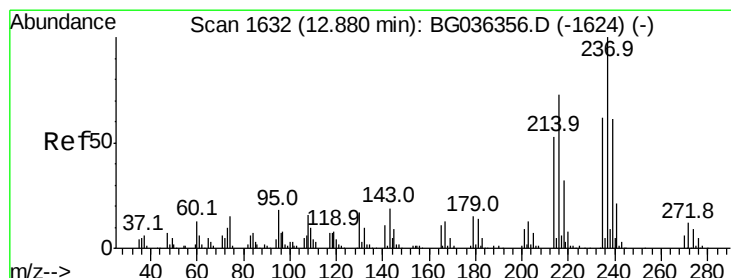
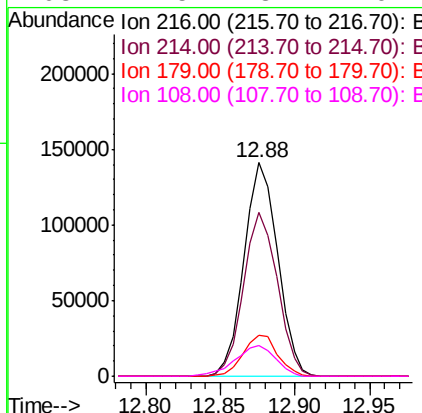
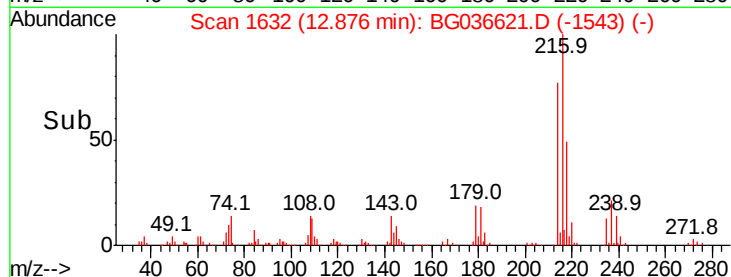
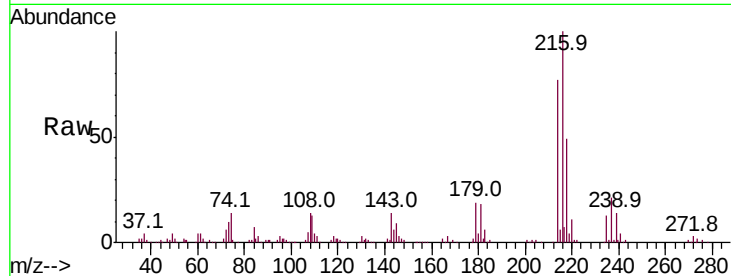
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 40.915 ng  
 RT: 12.88 min Scan# 1632  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 220198 |       |       |
| 214     | 77.4  | 61.0   | 91.6  |       |
| 179     | 19.6  | 15.7   | 23.5  |       |
| 108     | 17.5  | 13.1   | 19.7  |       |

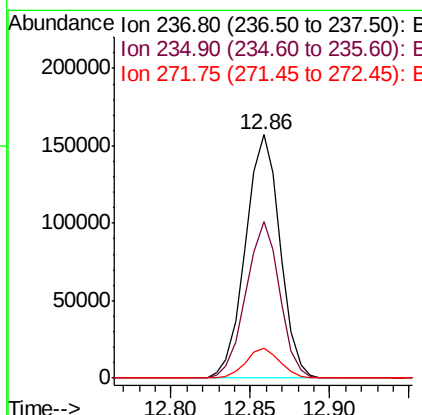
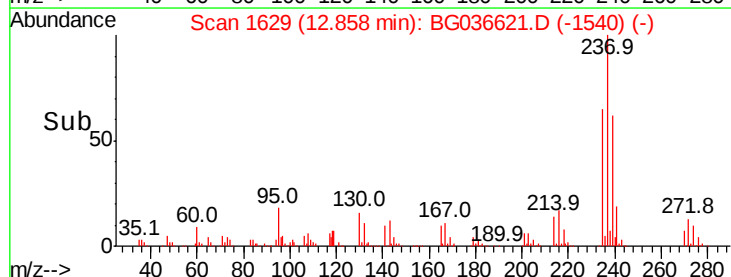
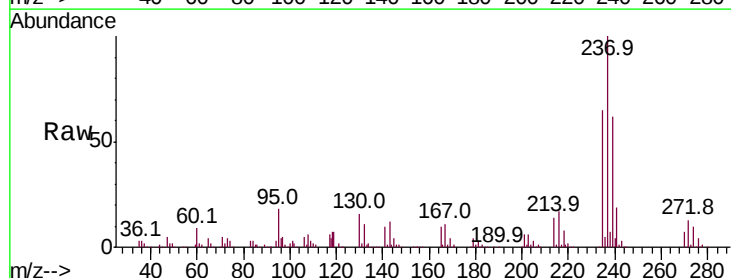
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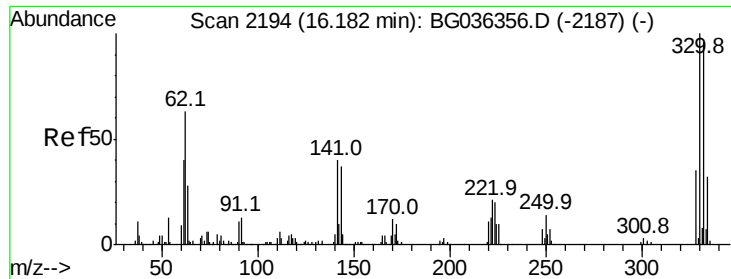
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#40  
 Hexachlorocyclopentadiene  
 Concen: 84.995 ng  
 RT: 12.86 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 238001 |       |       |
| 235     | 64.6  | 42.2   | 82.2  |       |
| 272     | 12.5  | 0.0    | 32.1  |       |





#41

2,4,6-Tribromophenol

Concen: 129.399 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

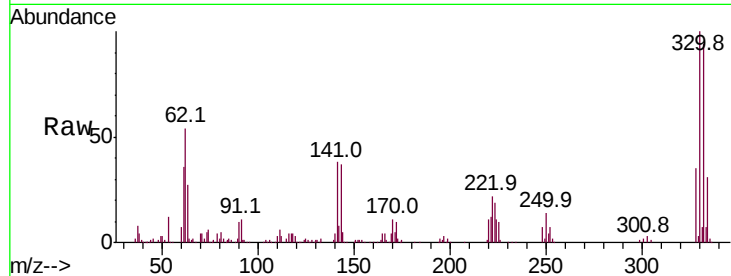
ClientSampleId :

OK-03-090618MS

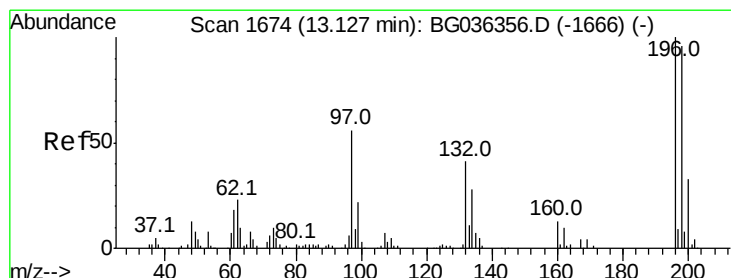
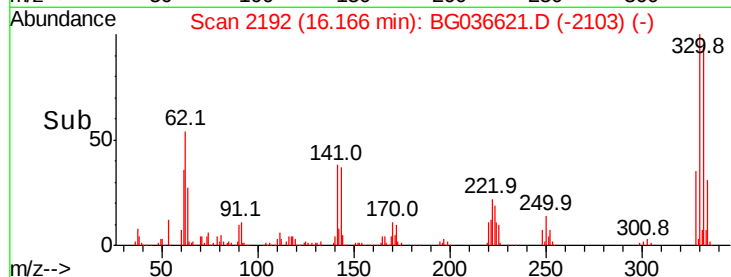
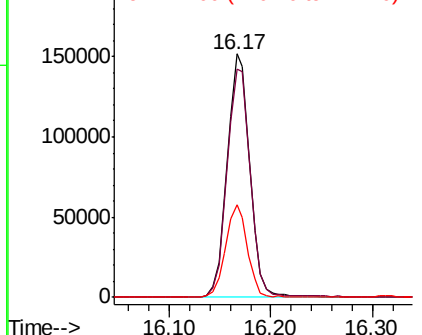
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 234809 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.9  | 75.4  | 113.2  |
| 141       | 36.9  | 30.7  | 46.1   |

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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: 46.034 ng

RT: 13.11 min Scan# 1672

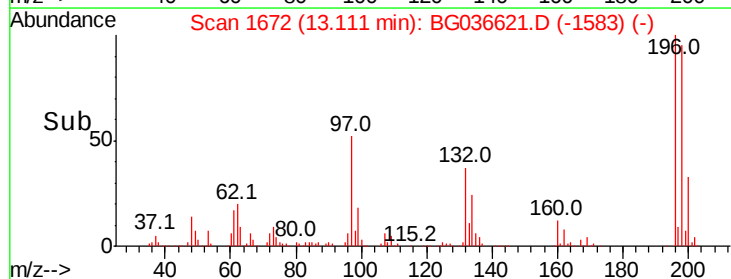
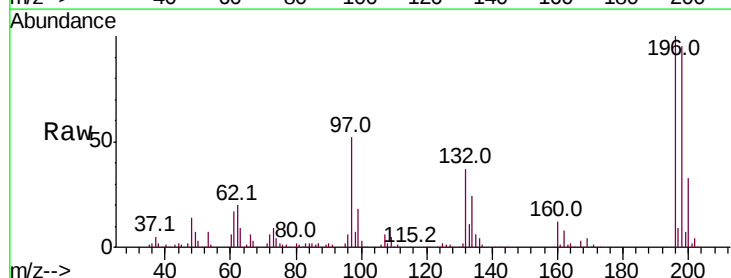
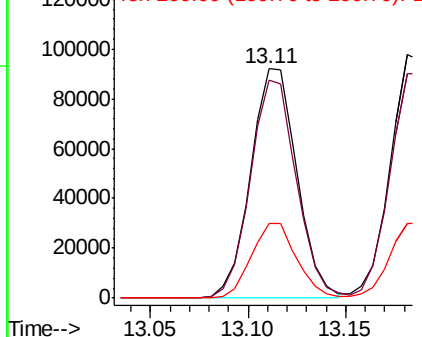
Delta R.T. -0.01 min

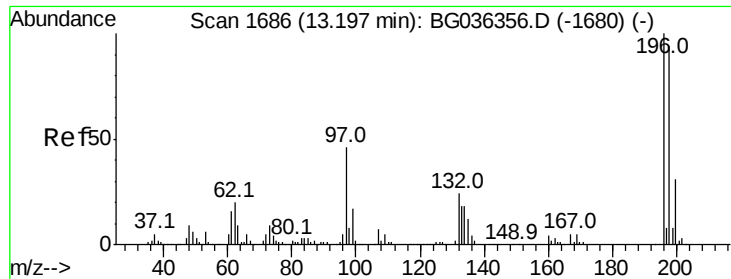
Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 150915 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.1  | 77.2  | 115.8  |
| 200       | 32.6  | 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





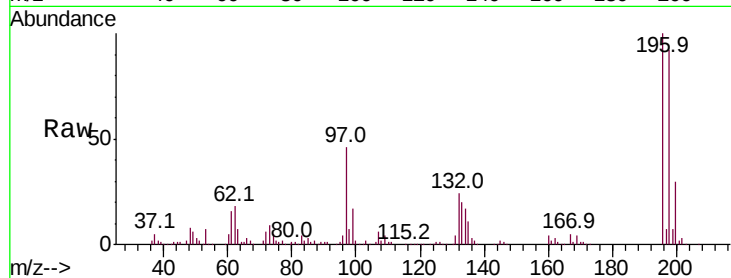
#43  
 2,4,5-Trichlorophenol  
 Concen: 47.315 ng  
 RT: 13.18 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

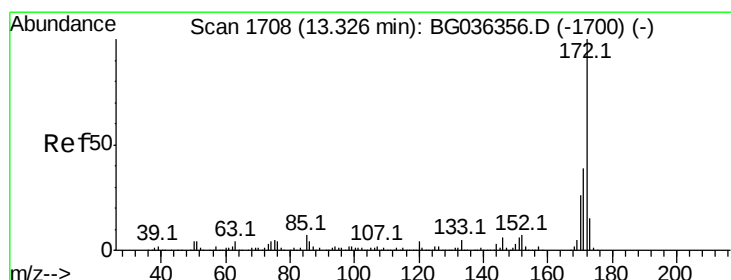
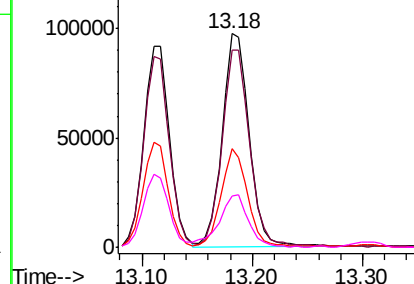
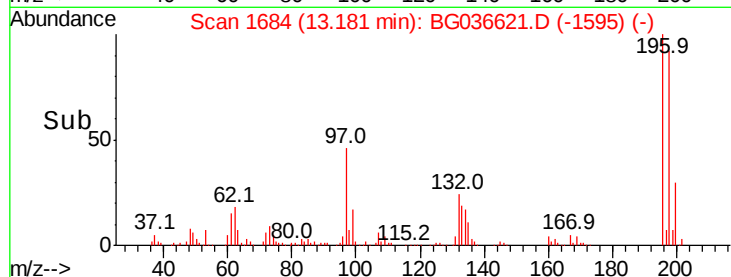
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 165447 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 92.1  | 75.6  | 113.4  |
| 97        | 46.0  | 37.2  | 55.8   |
| 132       | 24.0  | 19.4  | 29.2   |

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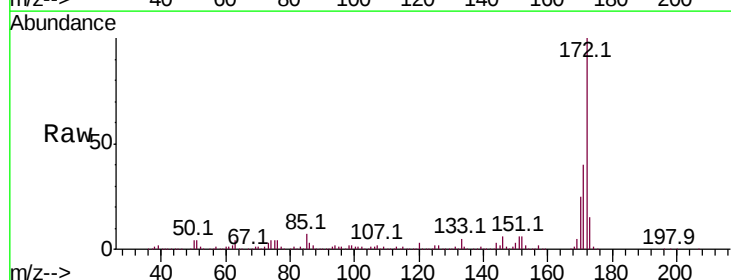


Abundance Ion 196.00 (195.70 to 196.70): E  
 150000 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

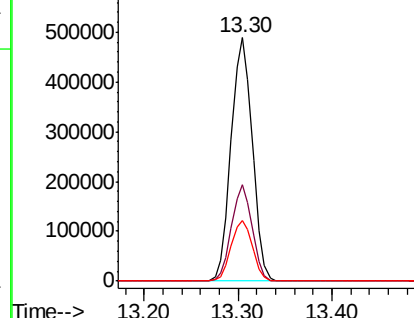
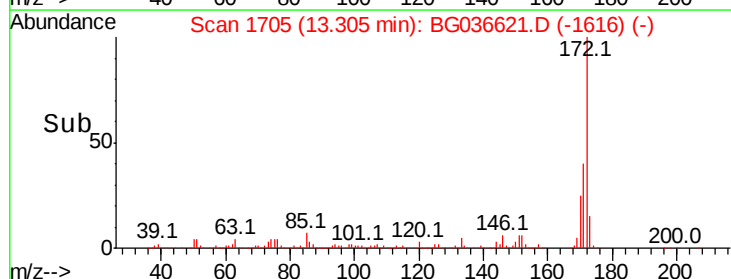


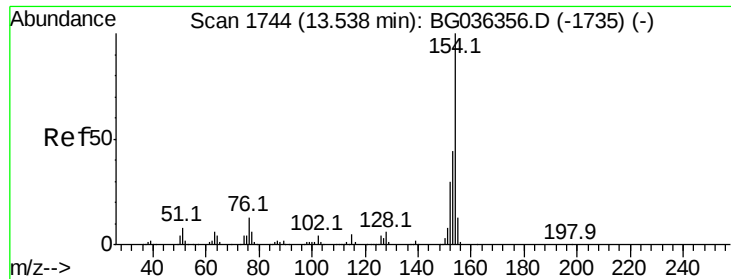
#44  
 2-Fluorobiphenyl  
 Concen: 72.081 ng  
 RT: 13.30 min Scan# 1705  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 767736 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 39.6  | 31.3  | 46.9   |
| 170       | 24.9  | 21.0  | 31.6   |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.696 ng

RT: 13.52 min Scan# 1741

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

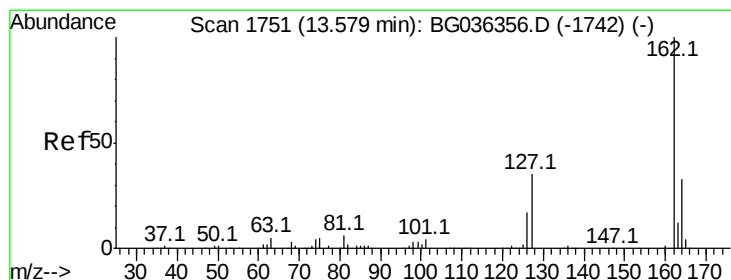
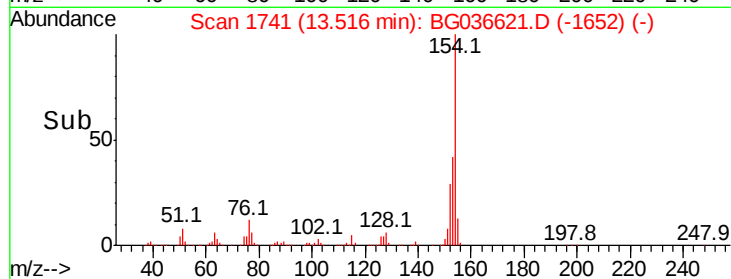
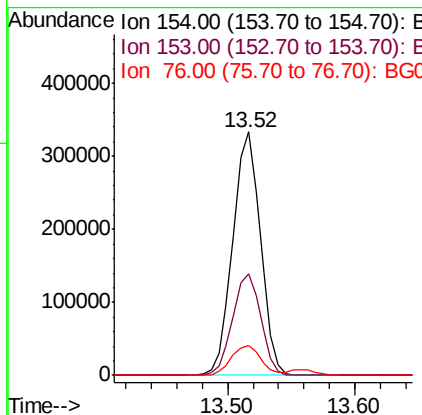
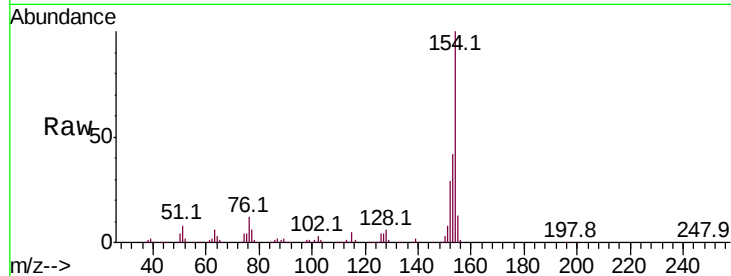
ClientSampleId :

OK-03-090618MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 501110 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.8  | 24.0  | 64.0   |
| 76        | 12.4  | 0.0   | 32.9   |

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#46

2-Chloronaphthalene

Concen: 40.589 ng

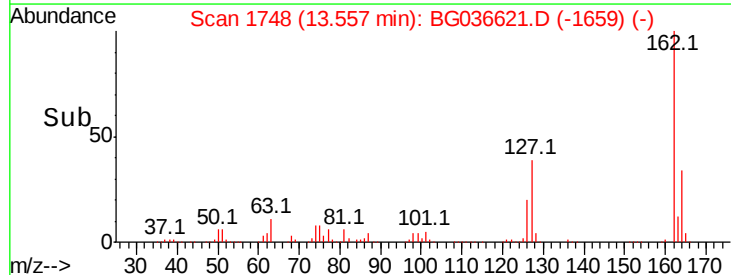
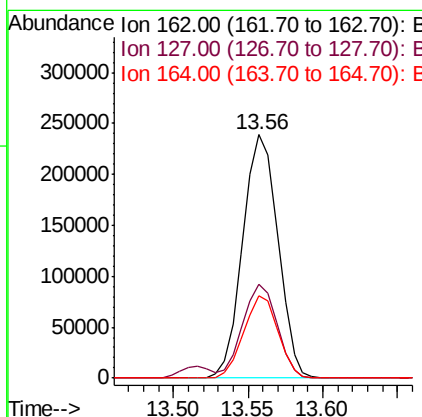
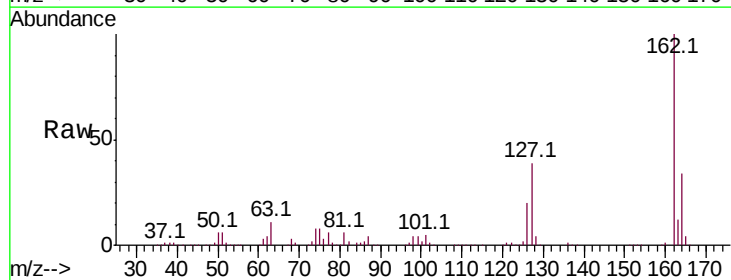
RT: 13.56 min Scan# 1748

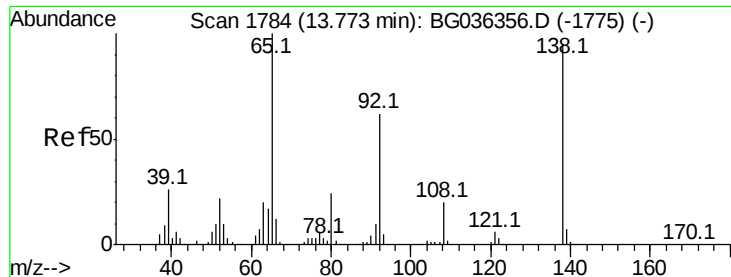
Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 391153 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 38.6  | 30.7  | 46.1   |
| 164       | 33.7  | 26.7  | 40.1   |





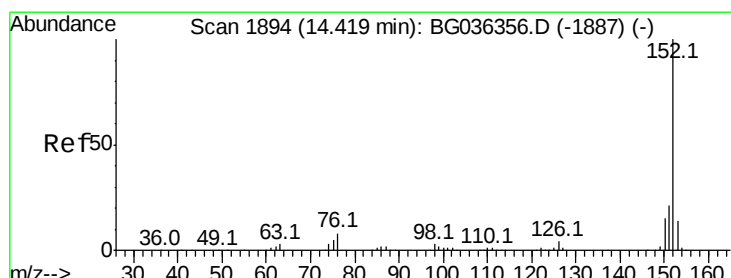
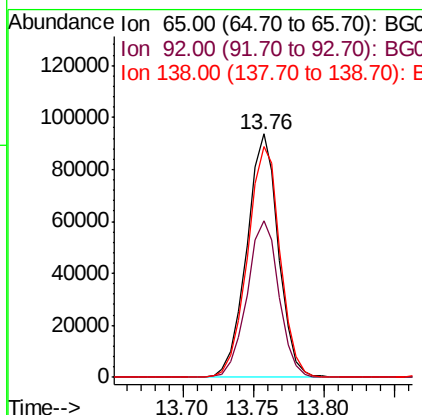
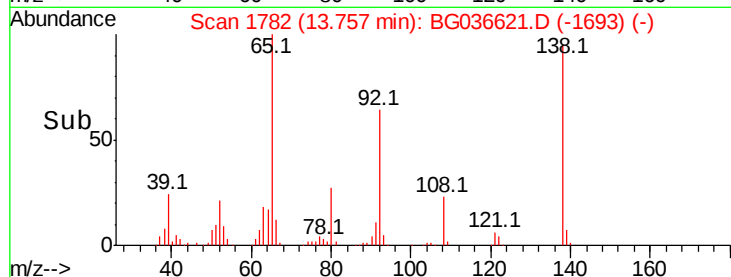
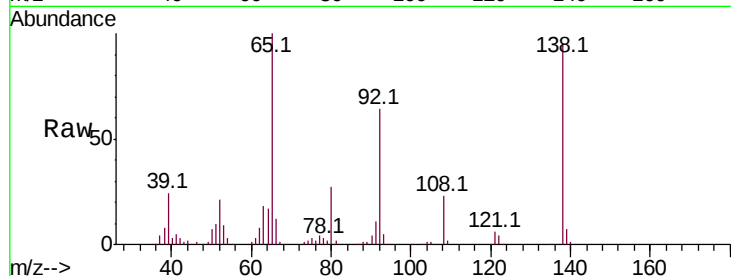
#47  
2-Nitroaniline  
Concen: 48.707 ng  
RT: 13.76 min Scan# 1782  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.5  | 49.9  | 74.9  |
| 138     | 94.9  | 76.2  | 114.4 |

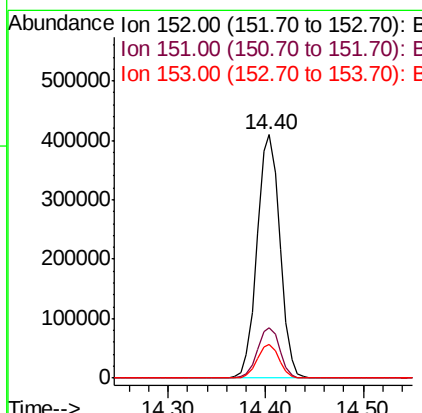
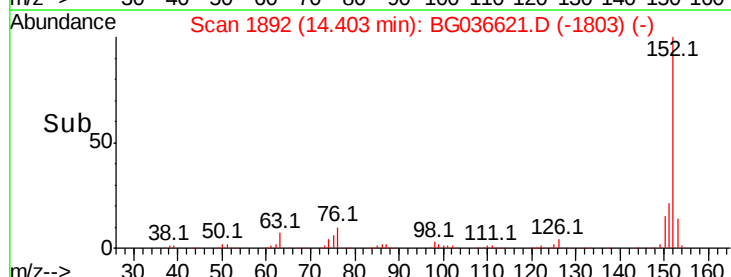
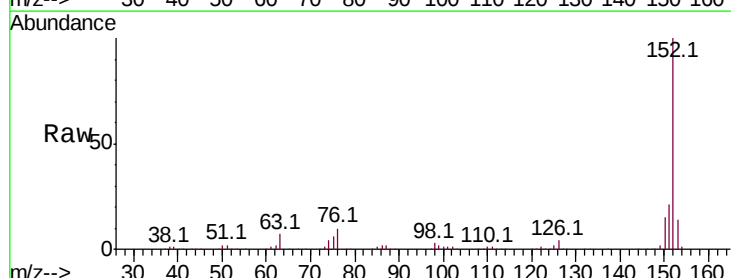
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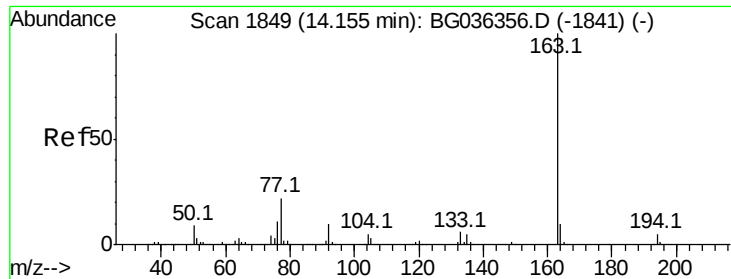
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#48  
Acenaphthylene  
Concen: 44.348 ng  
RT: 14.40 min Scan# 1892  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.6  | 16.9  | 25.3  |
| 153     | 13.8  | 11.2  | 16.8  |





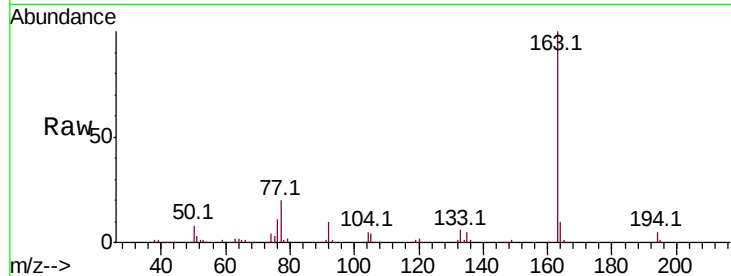
#49  
Dimethylphthalate  
Concen: 43.551 ng  
RT: 14.13 min Scan# 1846  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 163     | 100   |      |       |       |
| 194     | 5.5   | 4.0  | 6.0   |       |
| 164     | 10.4  | 8.1  | 12.1  |       |

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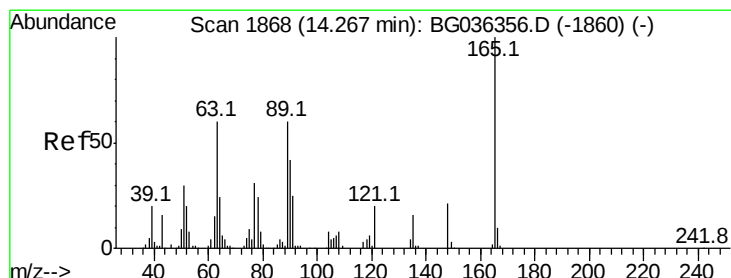
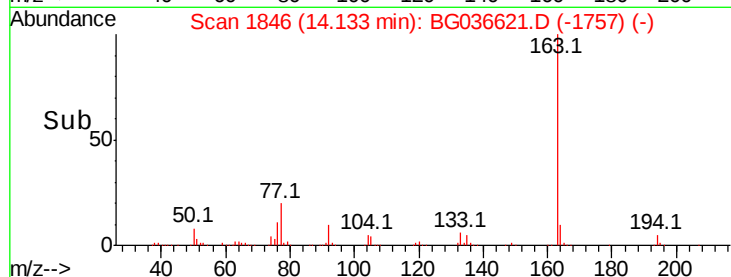
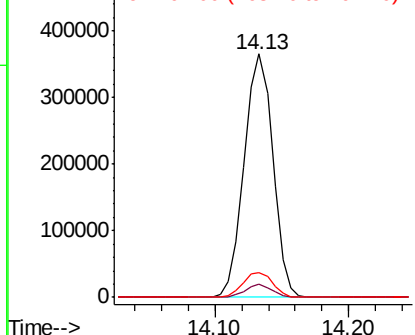


Abundance

Ion 163.00 (162.70 to 163.70): E

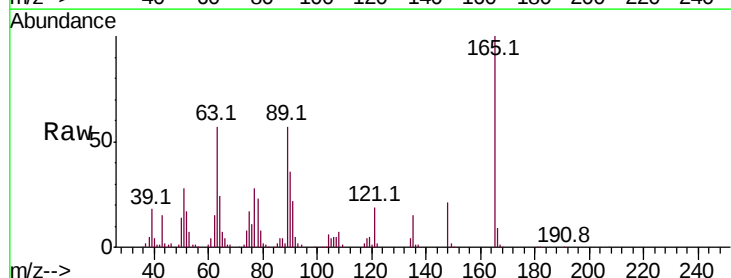
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
2,6-Dinitrotoluene  
Concen: 47.755 ng  
RT: 14.25 min Scan# 1866  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 56.9  | 50.1 | 75.1  |       |
| 89      | 57.2  | 47.8 | 71.6  |       |

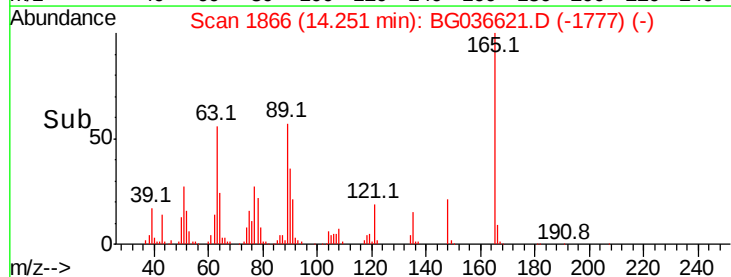
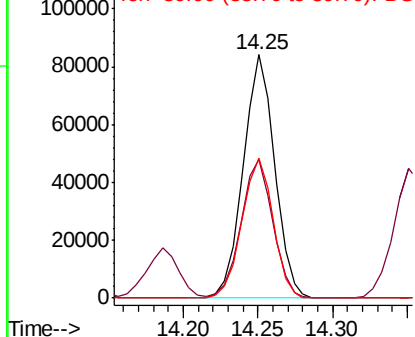


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 41.874 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

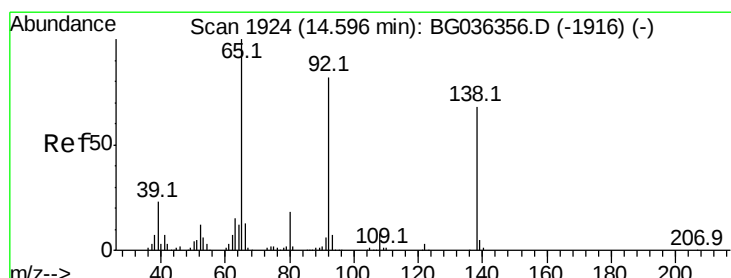
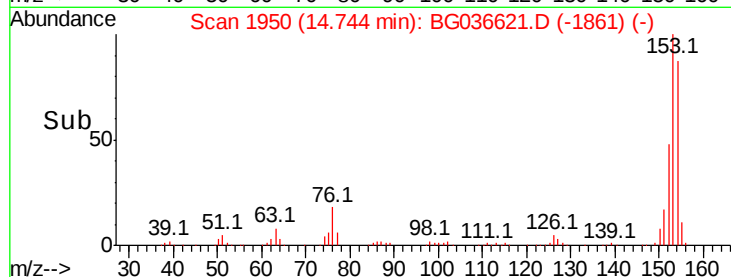
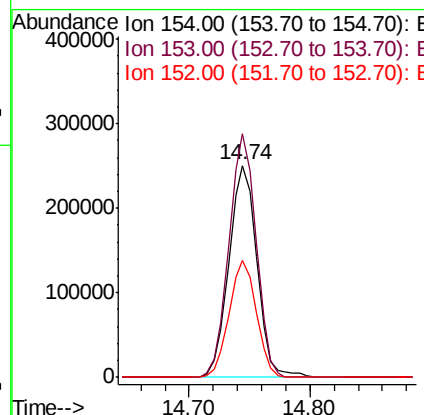
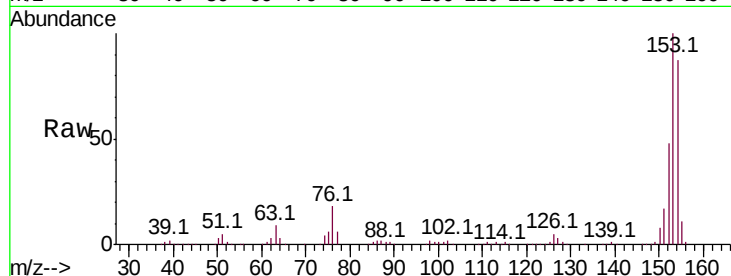
ClientSampleId :

OK-03-090618MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 403911 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.1 | 91.8  | 137.6  |
| 152       | 55.5  | 43.5  | 65.3   |

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#52

3-Nitroaniline

Concen: 27.769 ng

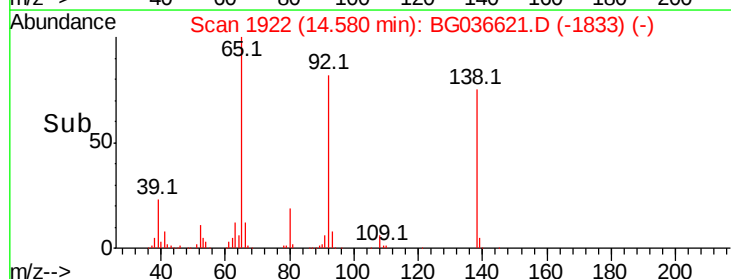
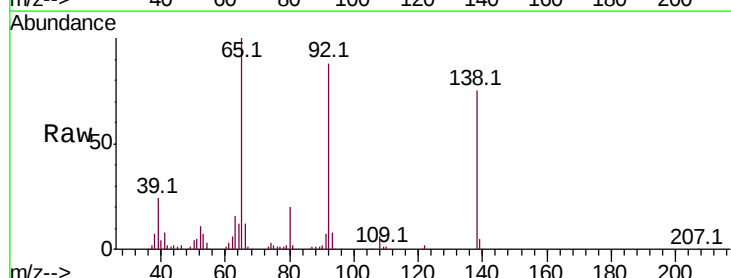
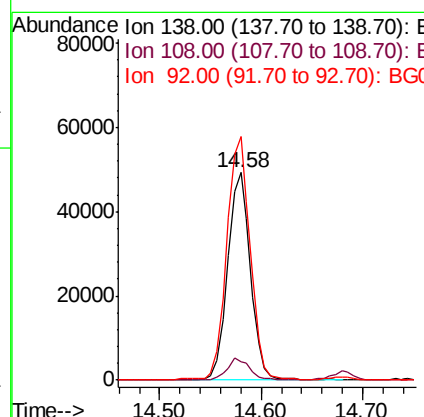
RT: 14.58 min Scan# 1922

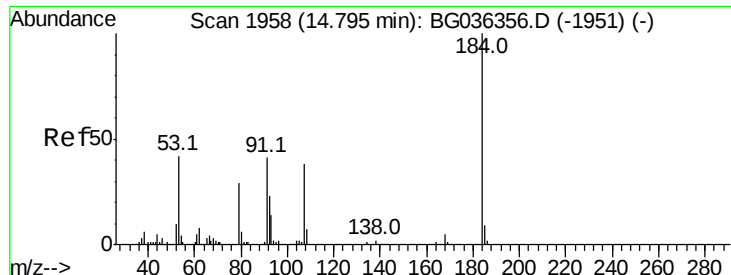
Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 76465 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 8.6   | 9.4   | 14.2# |
| 92        | 117.3 | 96.8  | 145.2 |





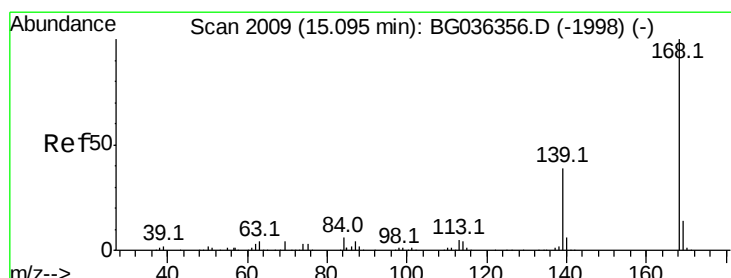
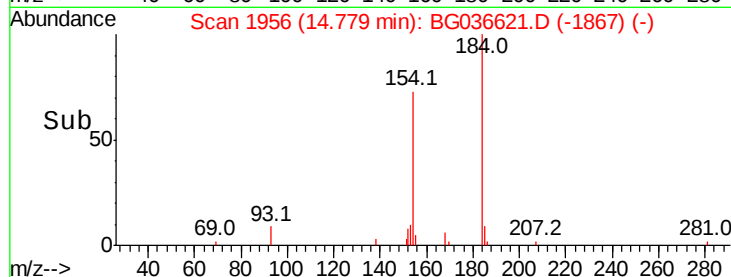
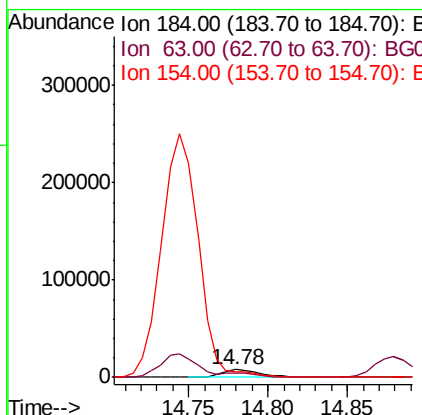
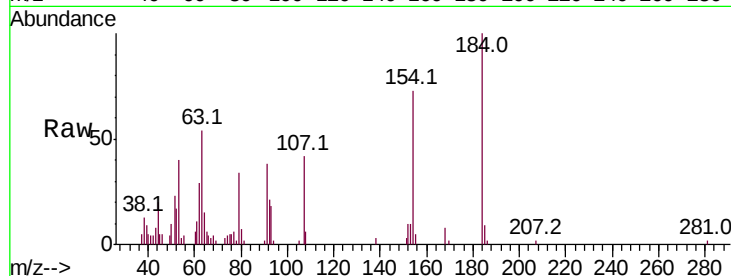
#53  
2,4-Dinitrophenol  
Concen: 14.258 ng  
RT: 14.78 min Scan# 1956  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 54.3  | 47.3  | 70.9  |
| 154     | 72.9  | 51.1  | 76.7  |

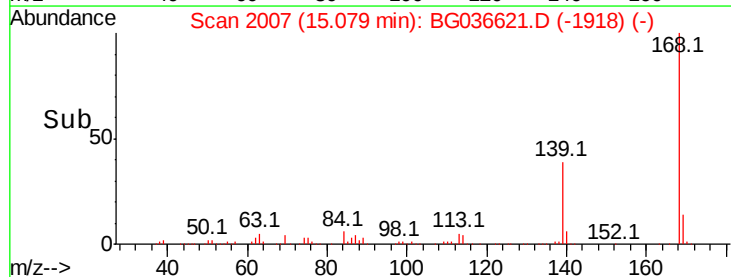
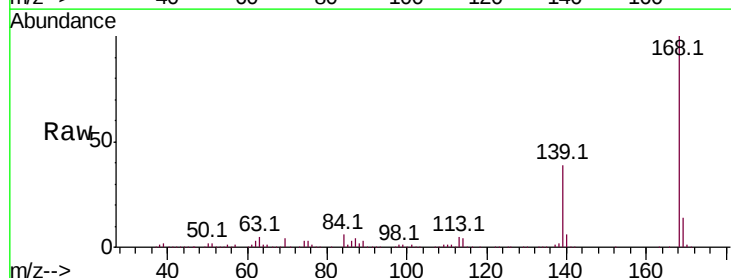
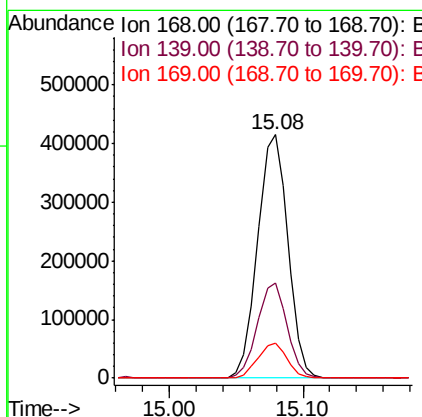
Manual Integrations  
APPROVED

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9/10/2018 11:05:47 AM



#54  
Dibenzofuran  
Concen: 42.838 ng  
RT: 15.08 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.1  | 31.0  | 46.6  |
| 169     | 14.1  | 11.1  | 16.7  |





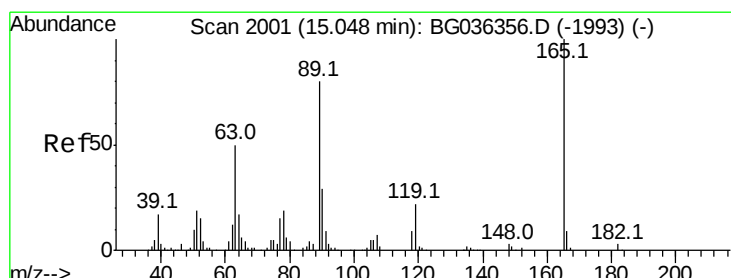
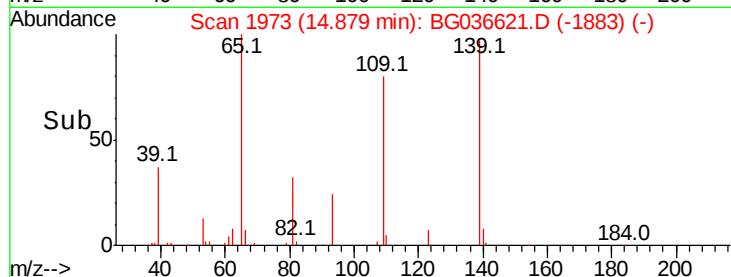
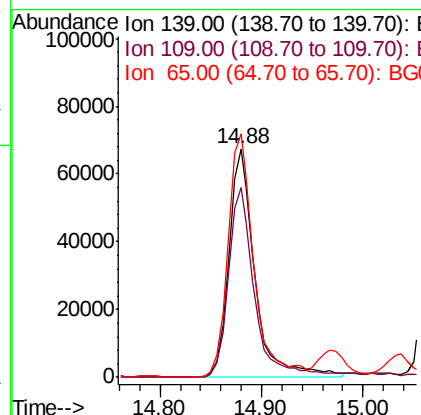
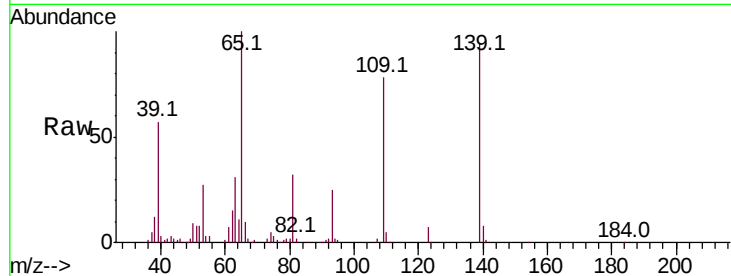
#55  
4-Nitrophenol  
Concen: 53.237 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. 0.00 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 83.1  | 63.9 | 103.9 |       |
| 65      | 106.5 | 90.0 | 130.0 |       |

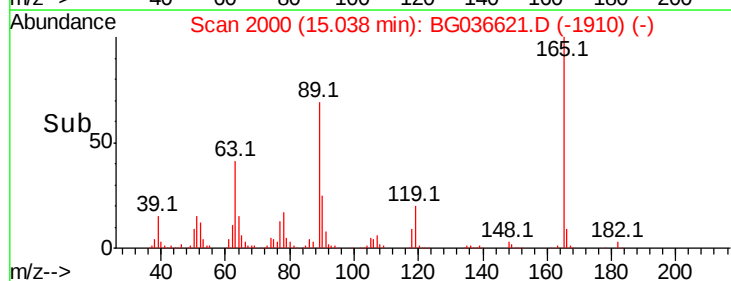
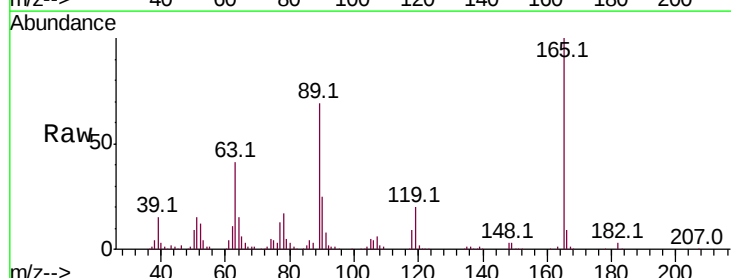
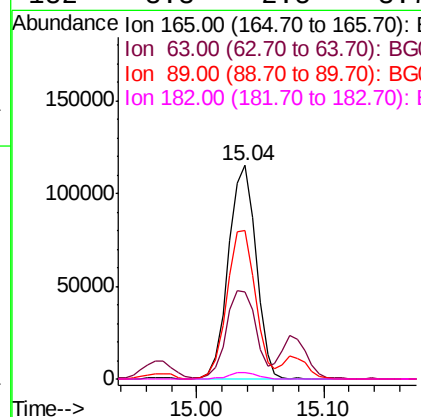
Manual Integrations  
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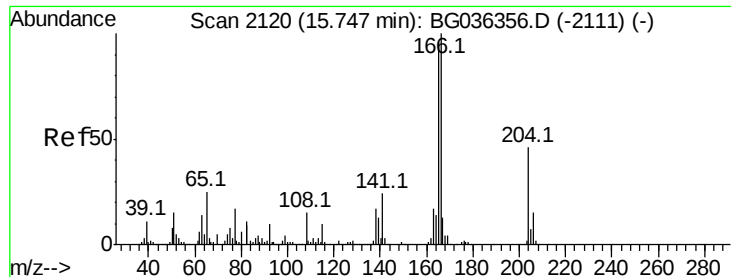
Sohil  
9/10/2018 11:05:47 AM



#56  
2,4-Dinitrotoluene  
Concen: 51.890 ng  
RT: 15.04 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 40.7  | 40.1 | 60.1  |       |
| 89      | 69.4  | 63.7 | 95.5  |       |
| 182     | 3.3   | 2.5  | 3.7   |       |





#57

Fluorene

Concen: 46.810 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

ClientSampleId :

OK-03-090618MS

Tot Ion:166 Resp: 528818

Ion Ratio Lower Upper

166 100

165 96.6 77.0 115.4

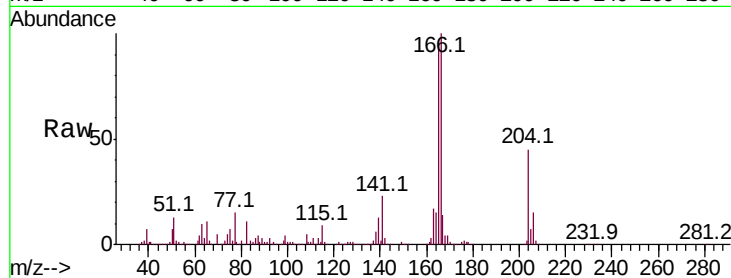
167 14.2 10.6 16.0

Manual Integrations

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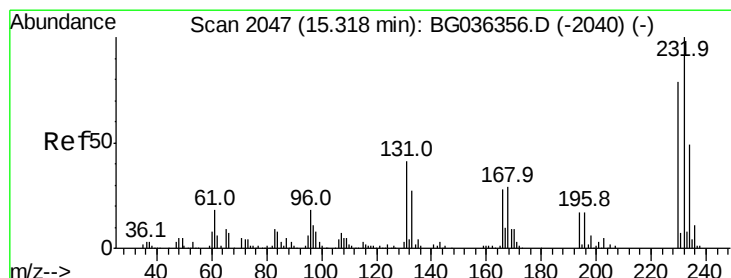
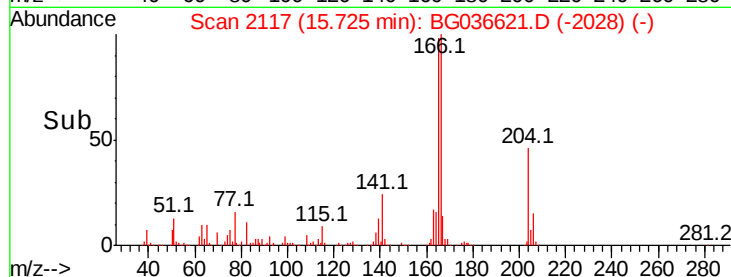
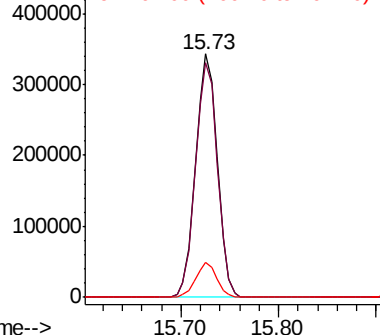


Abundance

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: 46.306 ng

RT: 15.30 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Tgt Ion:232 Resp: 152129

Ion Ratio Lower Upper

232 100

131 38.9 33.8 50.8

130 2.3 2.1 3.1

166 27.2 22.3 33.5

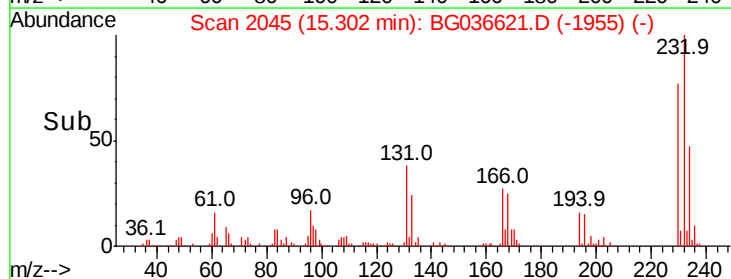
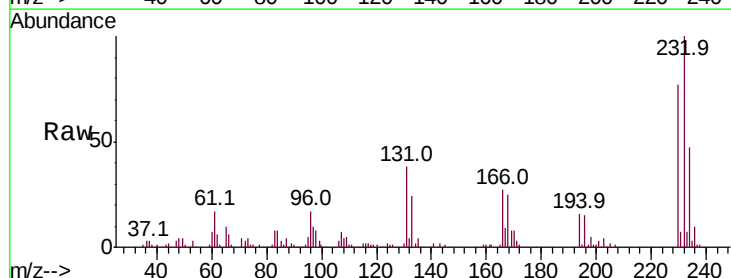
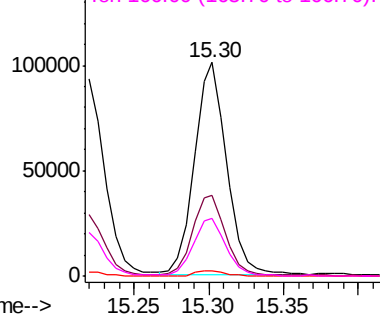
Abundance

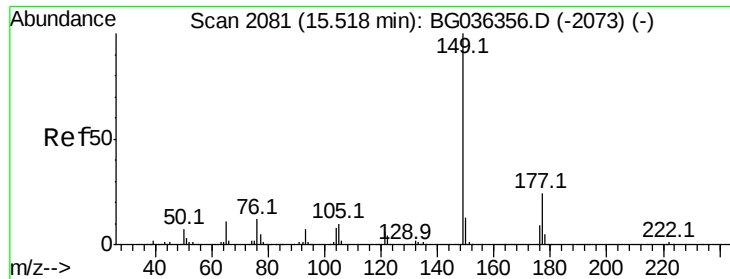
Ion 232.00 (231.70 to 232.70): E

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





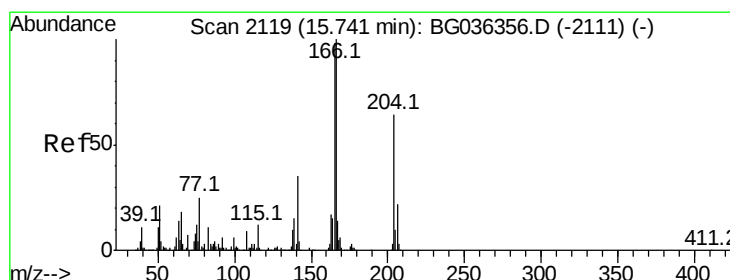
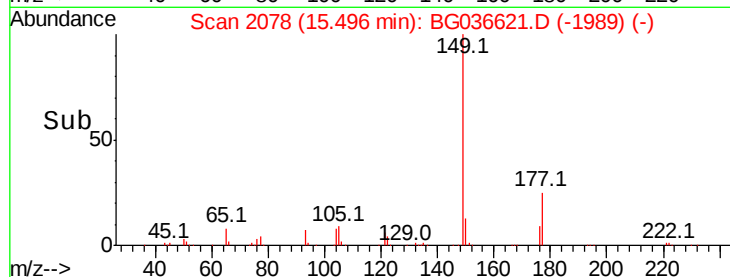
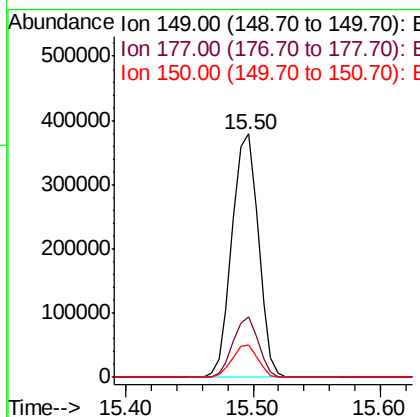
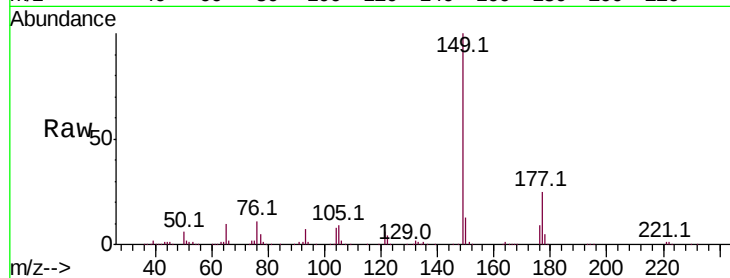
#59  
Diethylphthalate  
Concen: 43.539 ng  
RT: 15.50 min Scan# 2078  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 544880 |       |       |
| 177     | 25.0  | 19.1   | 28.7  |       |
| 150     | 13.1  | 10.7   | 16.1  |       |

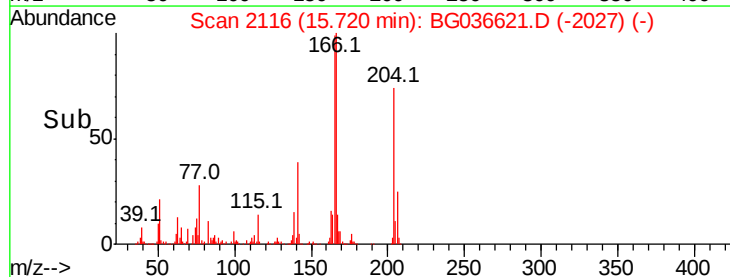
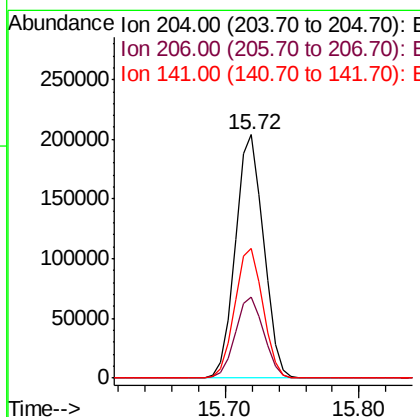
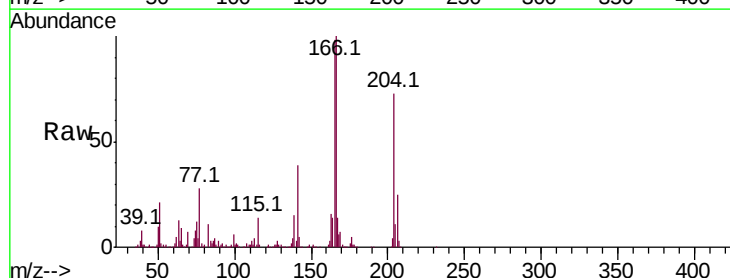
Manual Integrations  
APPROVED

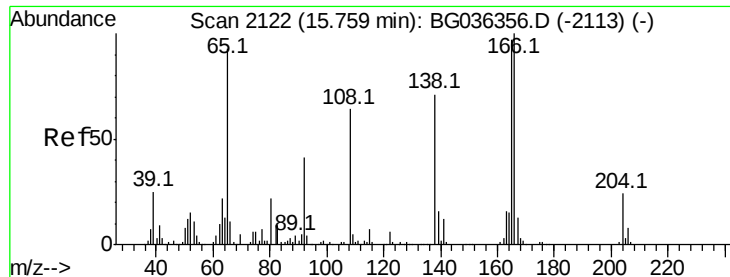
Sohil  
9/10/2018 11:05:47 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.758 ng  
RT: 15.72 min Scan# 2116  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 298275 |       |       |
| 206     | 33.4  | 27.0   | 40.4  |       |
| 141     | 53.4  | 43.8   | 65.6  |       |





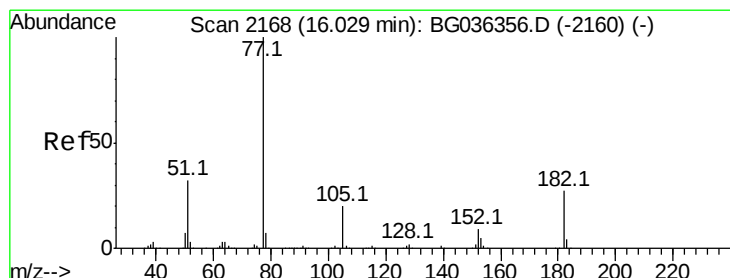
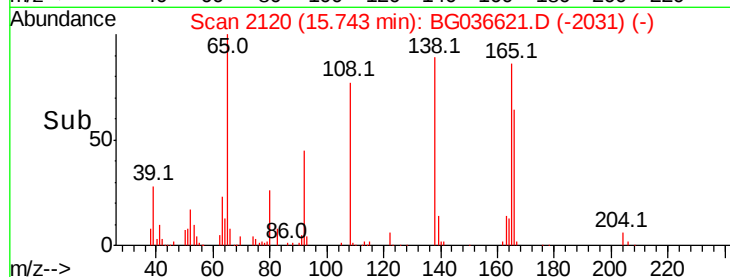
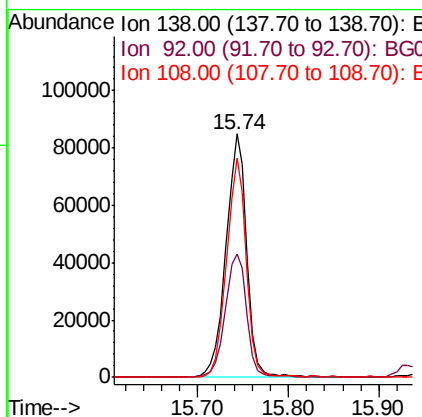
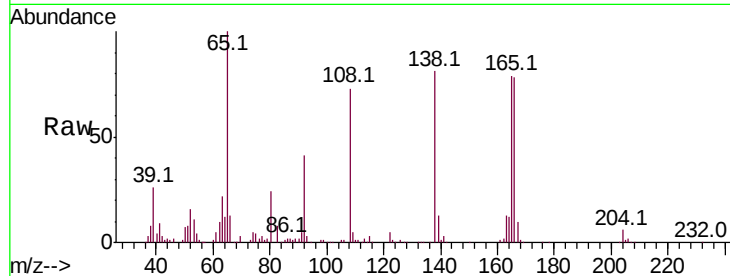
#61  
4-Nitroaniline  
Concen: 46.671 ng  
RT: 15.74 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.8  | 38.5  | 78.5  |
| 108     | 90.1  | 70.3  | 110.3 |

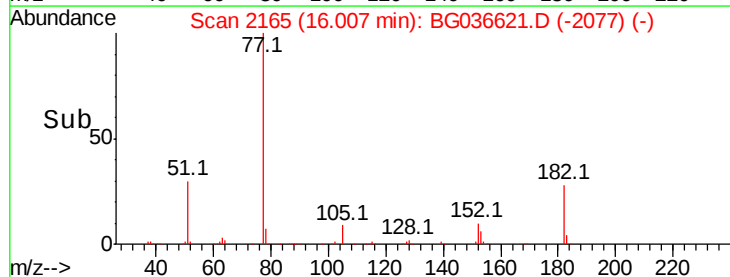
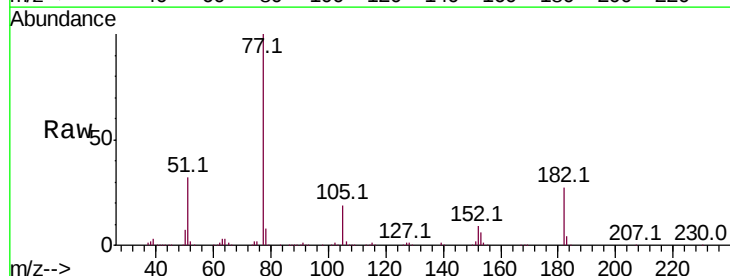
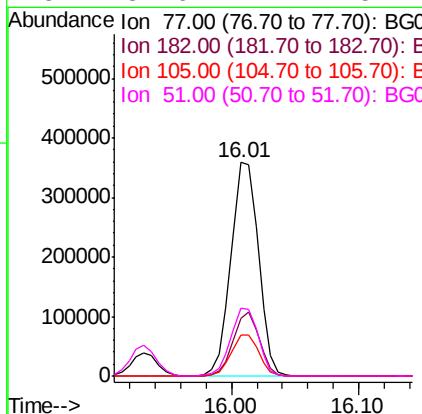
Manual Integrations  
APPROVED

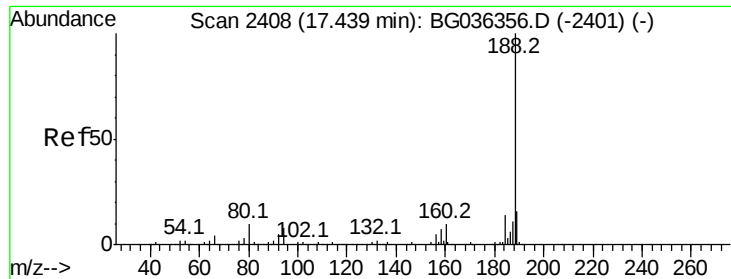
Sohil  
9/10/2018 11:05:47 AM



#62  
Azobenzene  
Concen: 42.156 ng  
RT: 16.01 min Scan# 2165  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.9  | 6.7   | 46.7  |
| 105     | 19.3  | 0.0   | 39.8  |
| 51      | 31.6  | 12.4  | 52.4  |





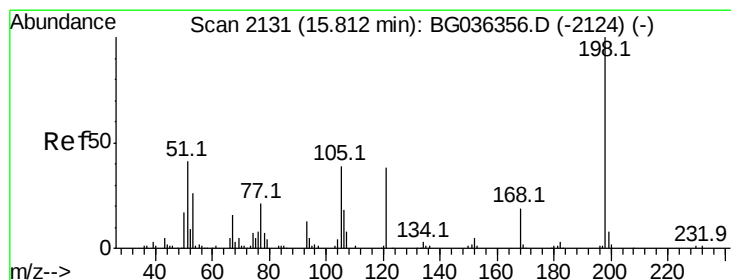
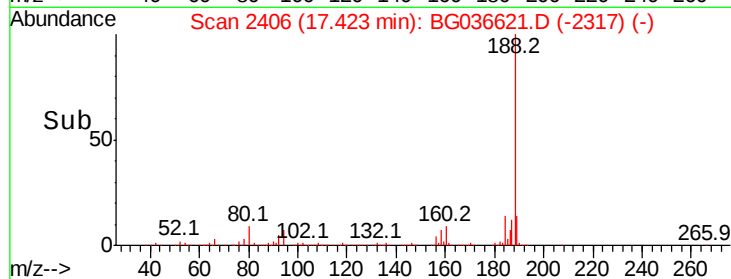
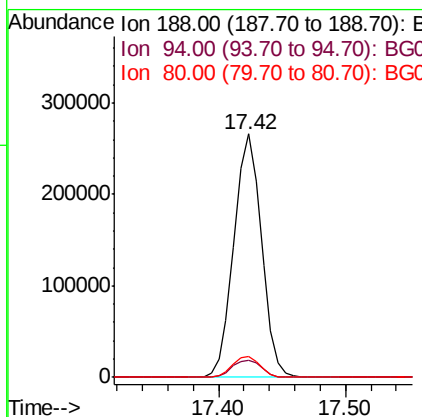
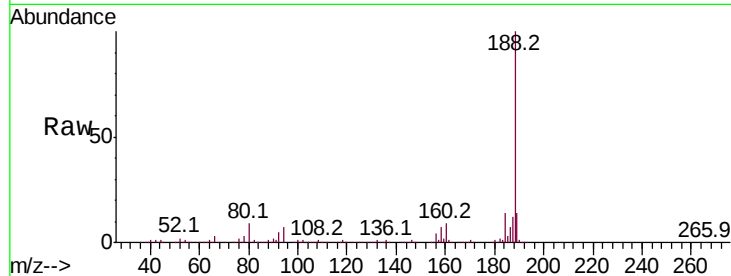
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2406  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 401187 |       |       |
| 94      | 7.1   |        | 6.7   | 10.1  |
| 80      | 8.7   |        | 8.1   | 12.1  |

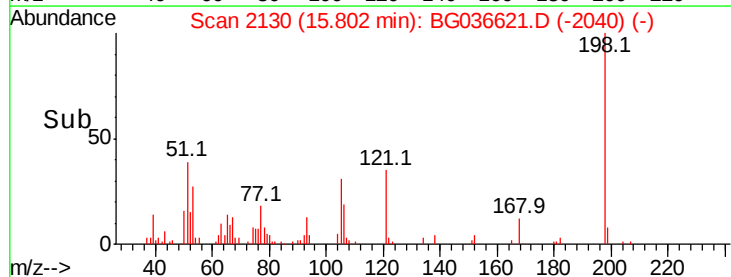
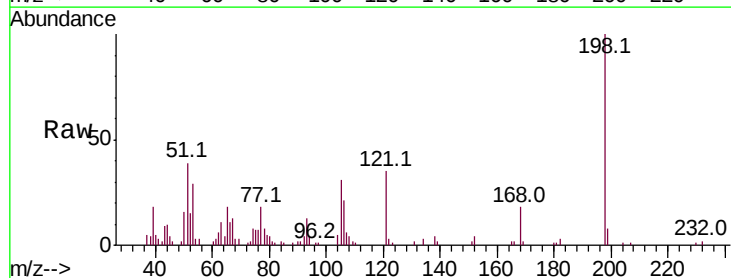
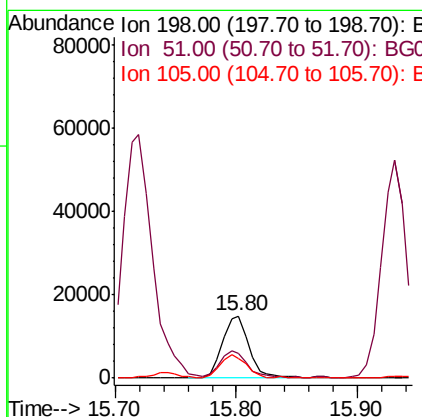
Manual Integrations  
APPROVED

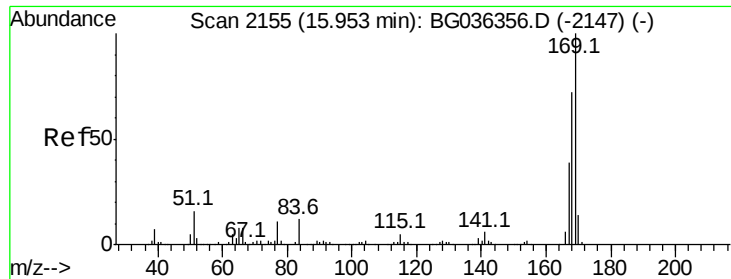
Sohil  
9/10/2018 11:05:47 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 13.181 ng  
RT: 15.80 min Scan# 2130  
Delta R.T. 0.00 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 23230 |       |       |
| 51      | 39.4  |       | 26.5  | 66.5  |
| 105     | 30.7  |       | 20.2  | 60.2  |





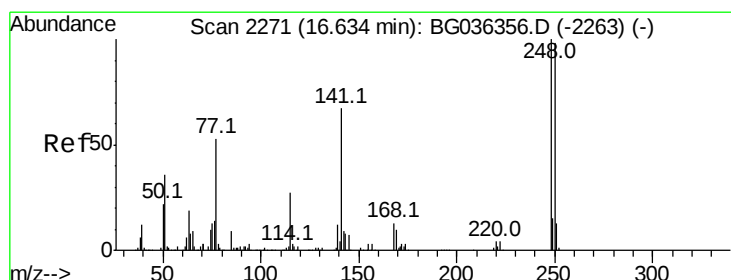
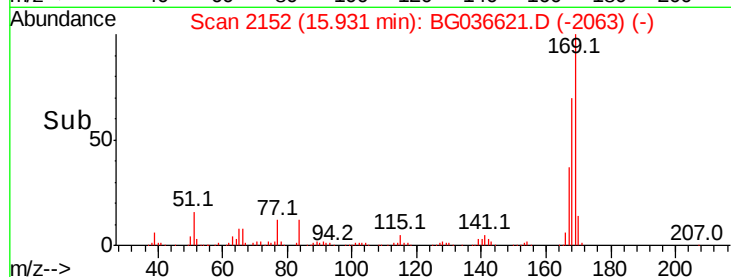
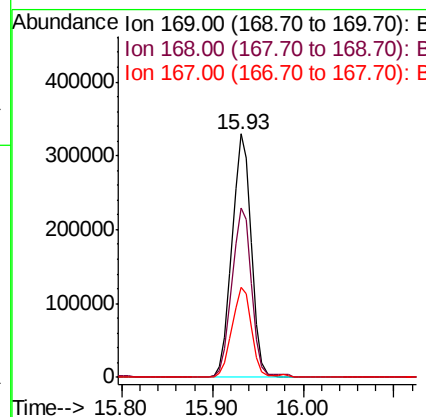
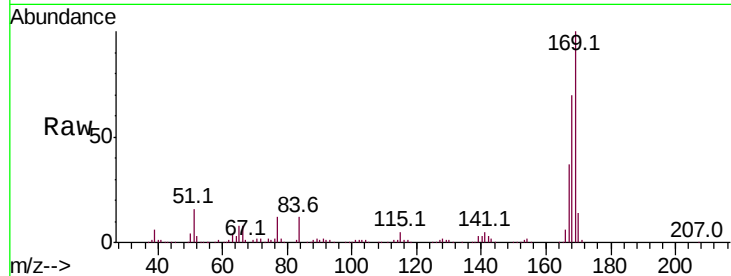
#65  
n-Nitrosodiphenylamine  
Concen: 40.922 ng  
RT: 15.93 min Scan# 2152  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 69.7  | 57.6 | 86.4  |       |
| 167     | 37.2  | 31.0 | 46.4  |       |

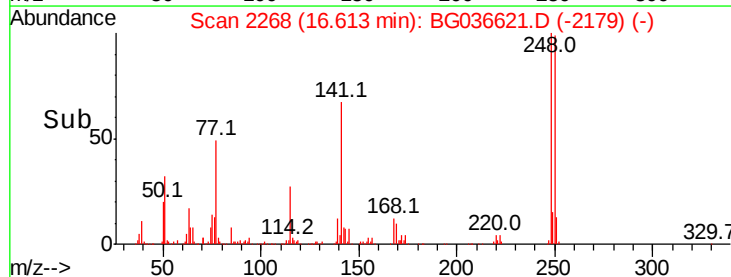
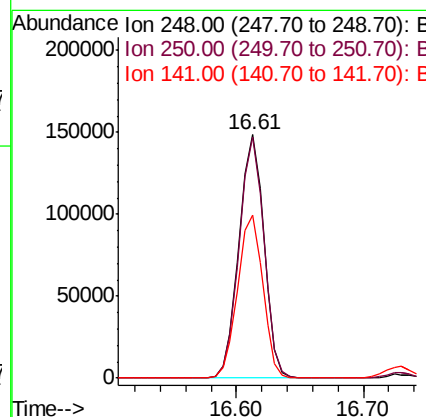
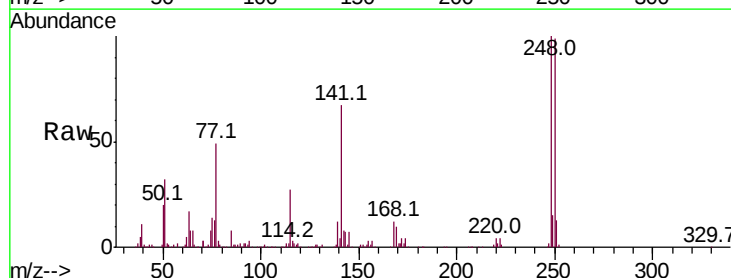
Manual Integrations  
APPROVED

Sohil  
9/10/2018 11:05:47 AM



#66  
4-Bromophenyl-phenylether  
Concen: 43.064 ng  
RT: 16.61 min Scan# 2268  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 98.8  | 78.1 | 117.1 |       |
| 141     | 67.0  | 53.7 | 80.5  |       |





#67

Hexachlorobenzene

Concen: 43.530 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

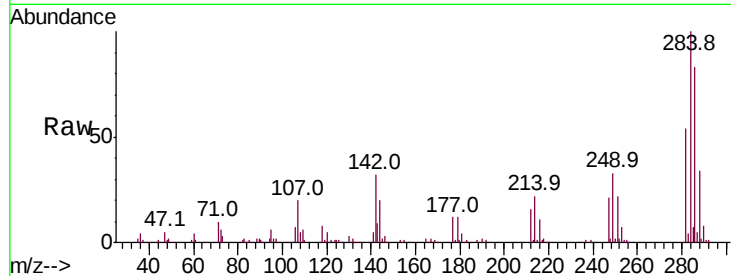
ClientSampleId :

OK-03-090618MS

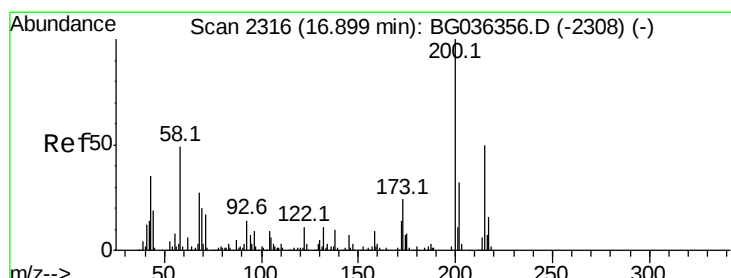
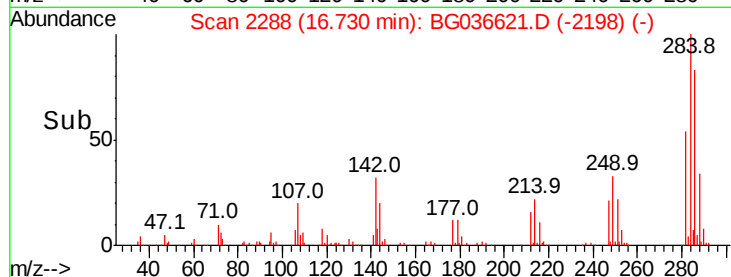
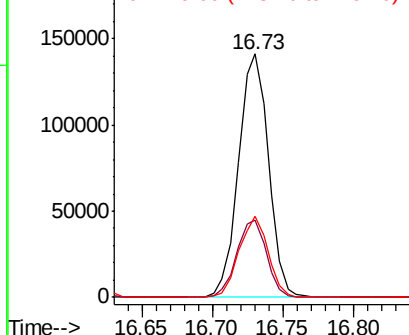
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 209070 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 31.7 | 27.8  | 41.6   |
| 249       | 33.2 | 27.4  | 41.2   |

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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: 48.157 ng

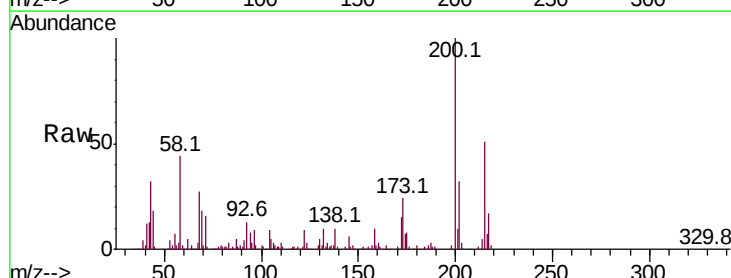
RT: 16.88 min Scan# 2313

Delta R.T. -0.01 min

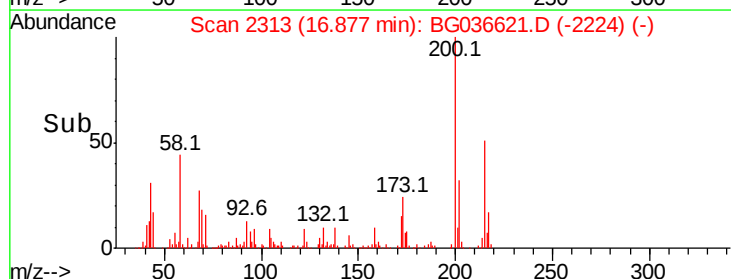
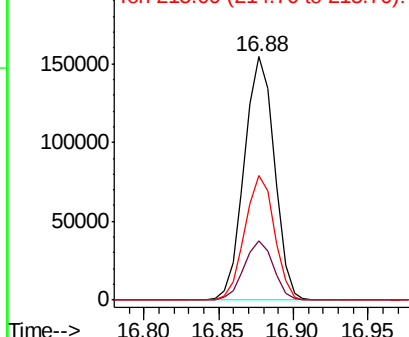
Lab File: BG036621.D

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|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 215475 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 24.4 | 3.9   | 43.9   |
| 215       | 51.2 | 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





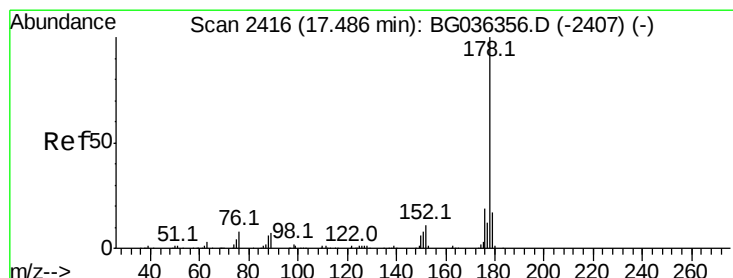
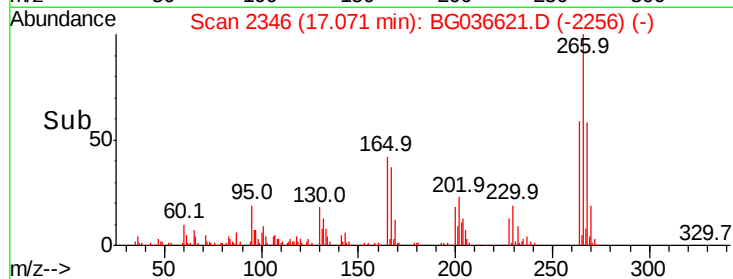
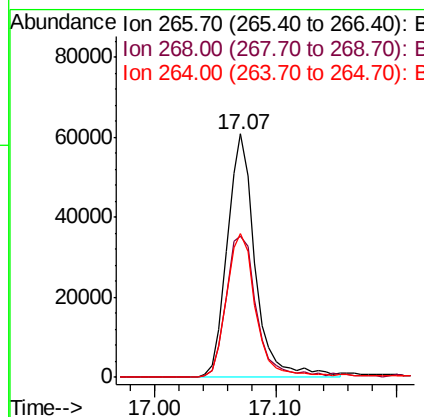
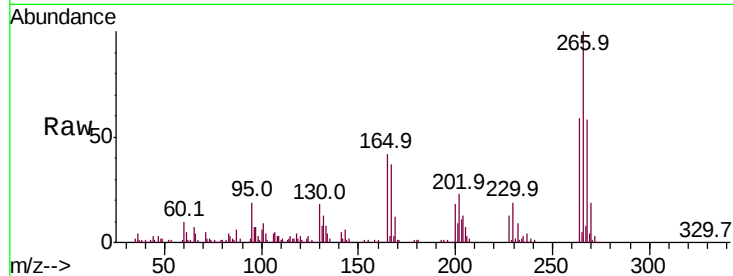
#69  
 Pentachlorophenol  
 Concen: 29.932 ng  
 RT: 17.07 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 266   | Resp: | 97707 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 58.0  | 51.4  | 77.2  |
| 264       | 59.1  | 48.9  | 73.3  |

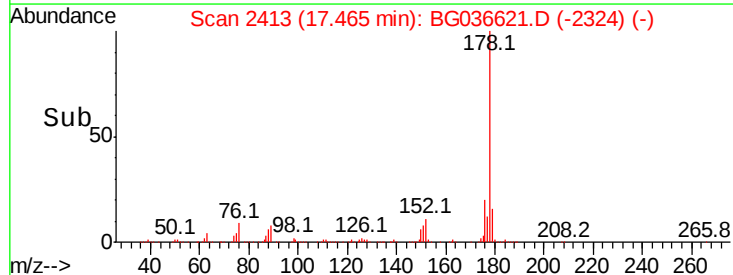
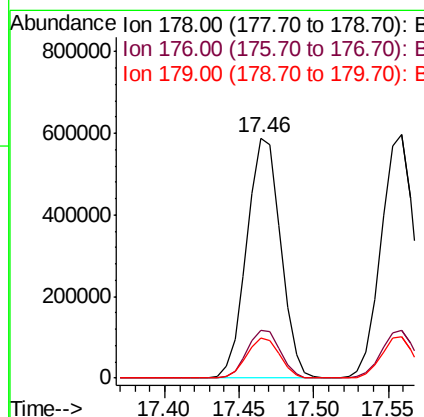
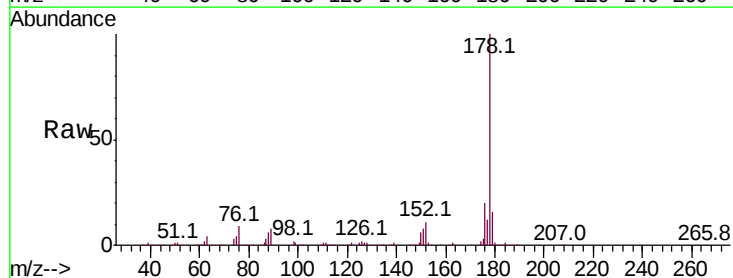
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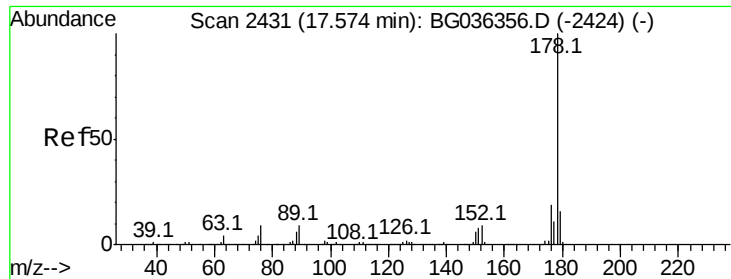
Sohil  
 9/10/2018 11:05:47 AM



#70  
 Phenanthrene  
 Concen: 45.230 ng  
 RT: 17.46 min Scan# 2413  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 922036 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.1  | 15.4  | 23.2   |
| 179       | 16.5  | 13.4  | 20.2   |





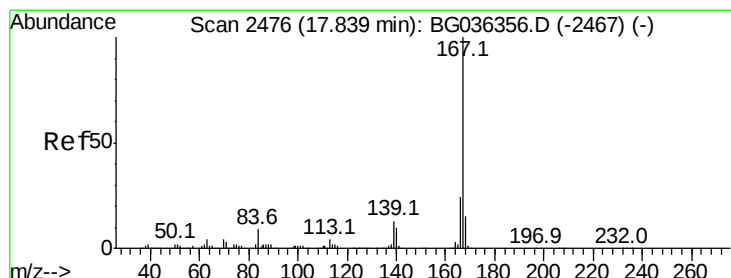
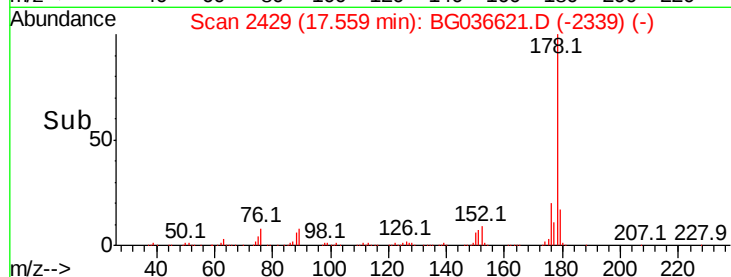
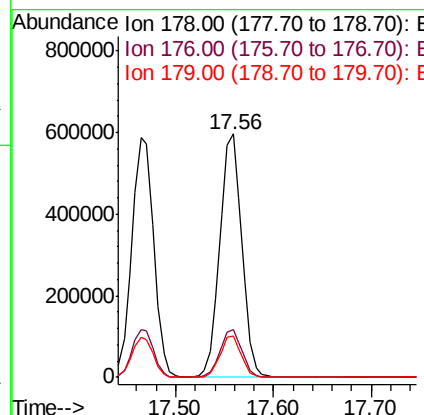
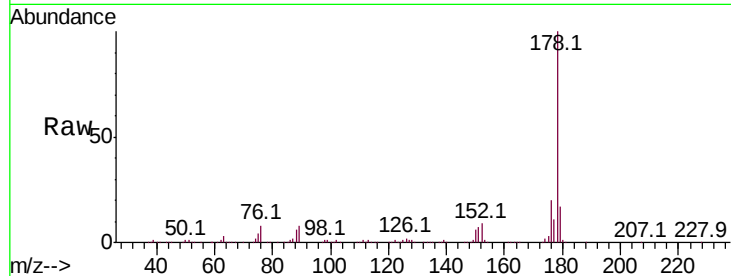
#71  
 Anthracene  
 Concen: 45.812 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. 0.00 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.4  | 23.2  |
| 179     | 16.9  | 13.0  | 19.4  |

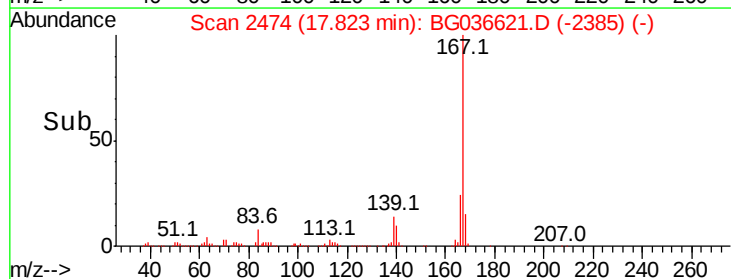
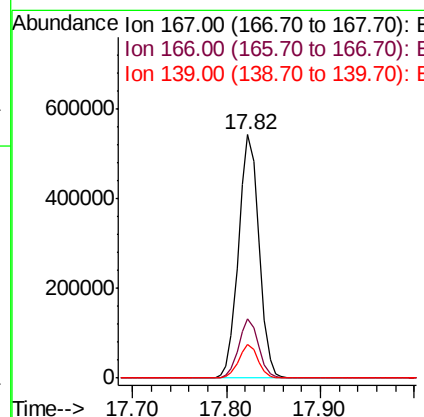
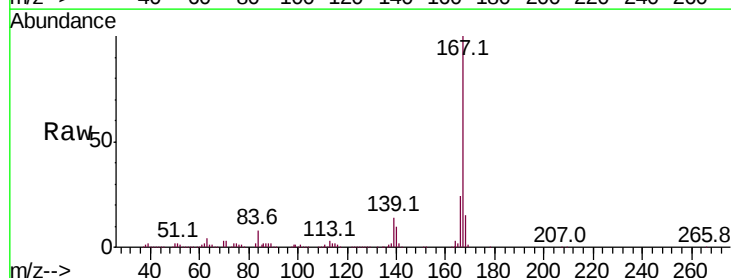
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#72  
 Carbazole  
 Concen: 40.532 ng  
 RT: 17.82 min Scan# 2474  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.4  | 19.5  | 29.3  |
| 139     | 13.7  | 10.7  | 16.1  |





#73

Di-n-butylphthalate

Concen: 42.115 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

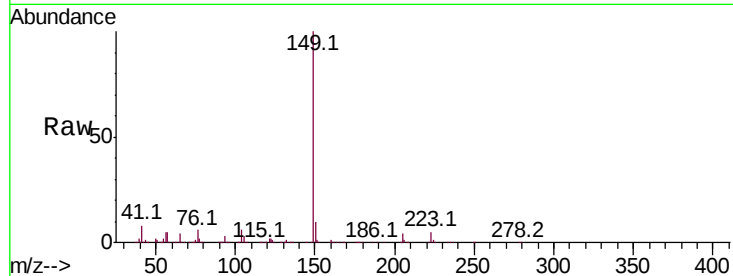
ClientSampleId :

OK-03-090618MS

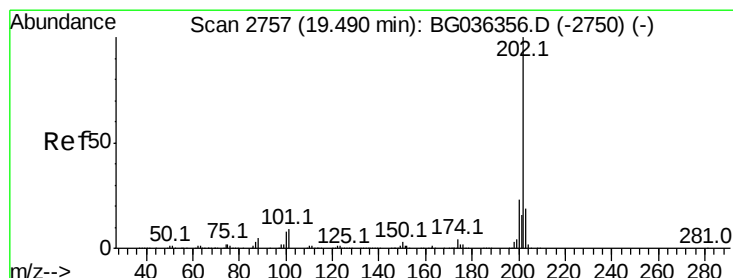
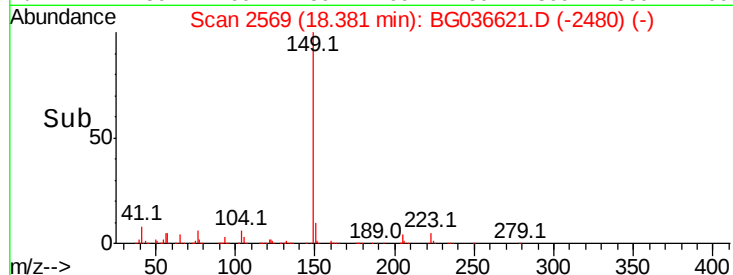
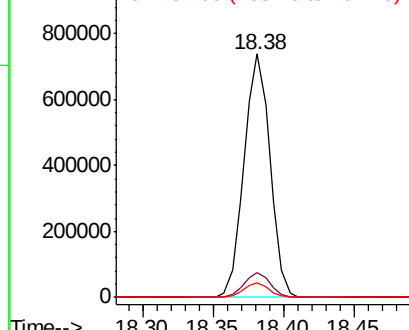
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 951740 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.0  | 8.1   | 12.1   |
| 104       | 6.1   | 4.6   | 6.8    |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.578 ng

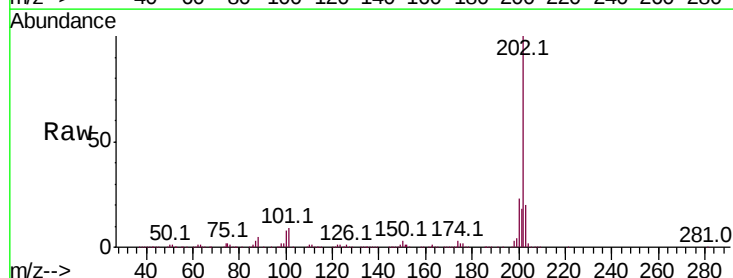
RT: 19.47 min Scan# 2754

Delta R.T. -0.01 min

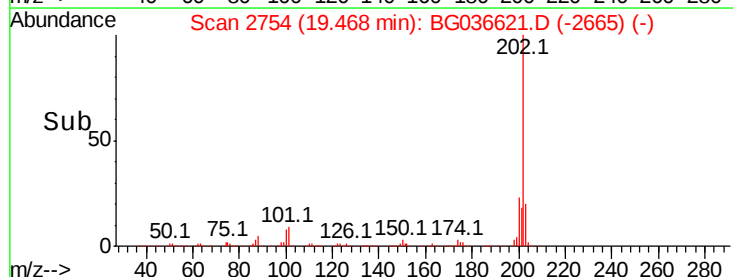
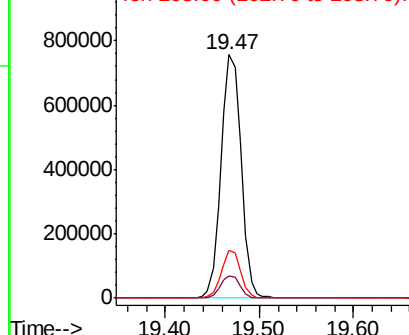
Lab File: BG036621.D

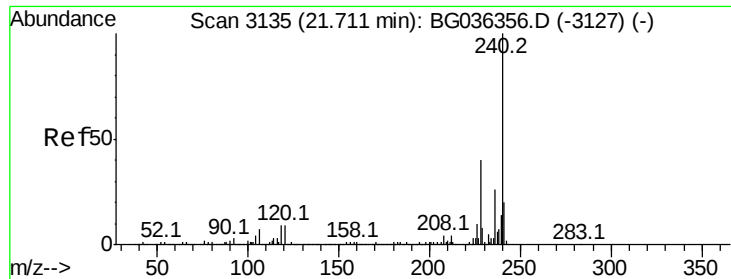
Acq: 8 Sep 2018 7:20

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1132795 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.3   | 0.0   | 29.4    |
| 203       | 19.6  | 0.0   | 38.9    |



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

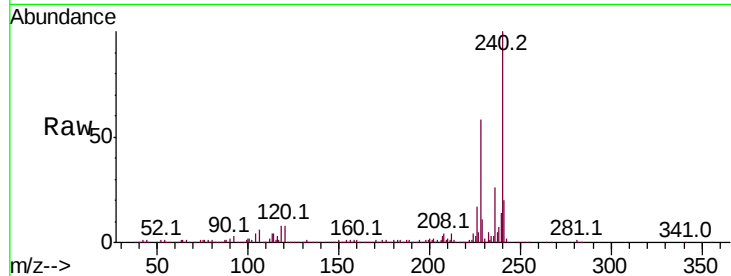
ClientSampleId :

OK-03-090618MS

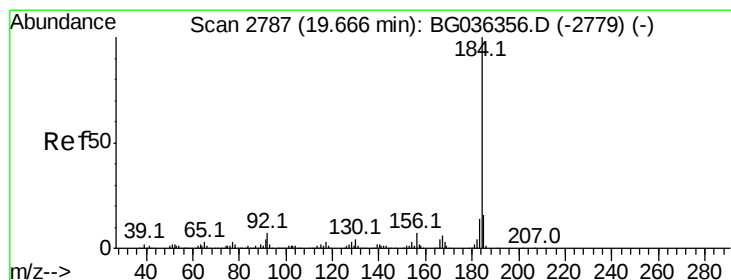
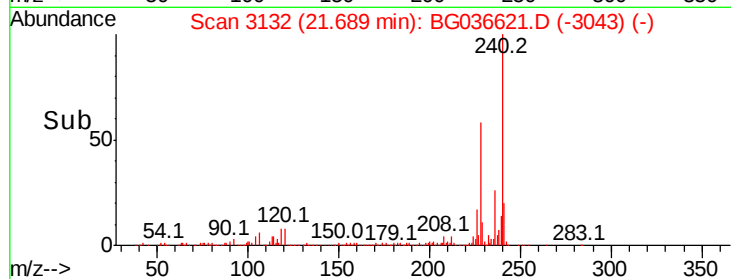
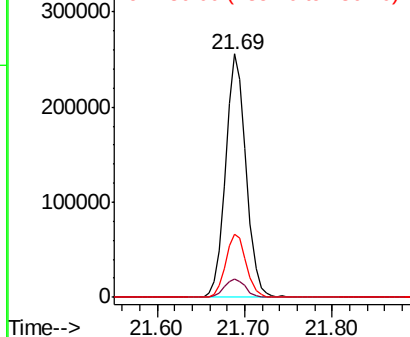
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 409383 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.6   | 6.9   | 10.3   |
| 236       | 26.1  | 21.2  | 31.8   |

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



#76

Benzidine

Concen: 16.099 ng

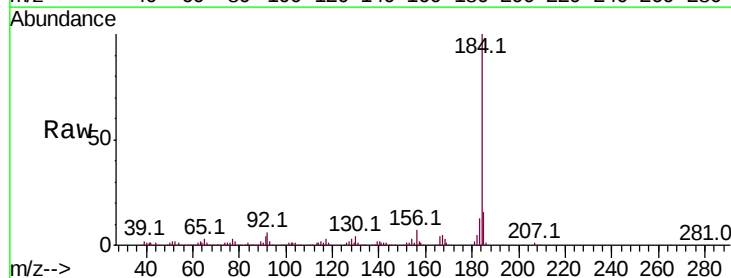
RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

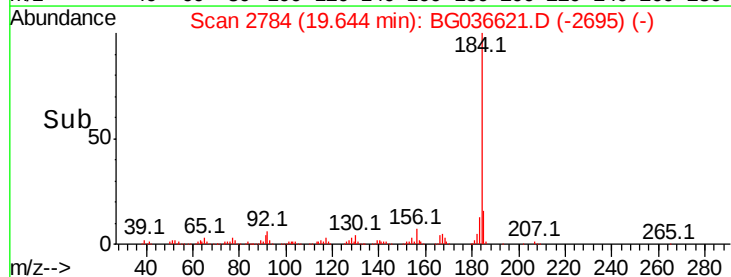
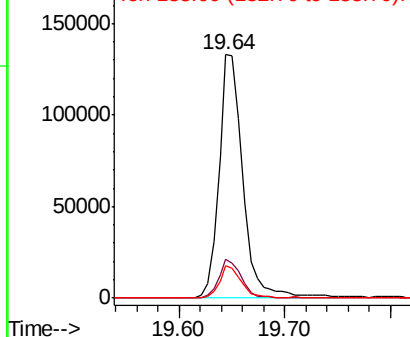
Lab File: BG036621.D

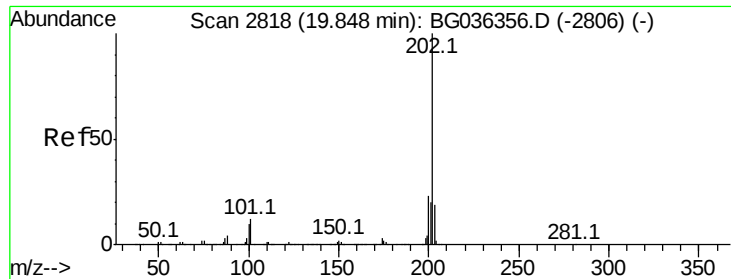
Acq: 8 Sep 2018 7:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 210272 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.8  | 12.6  | 18.8   |
| 183       | 13.3  | 10.9  | 16.3   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





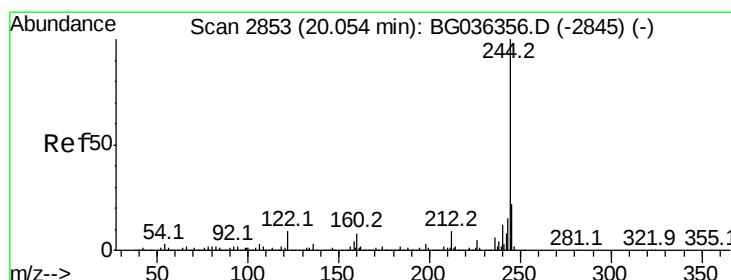
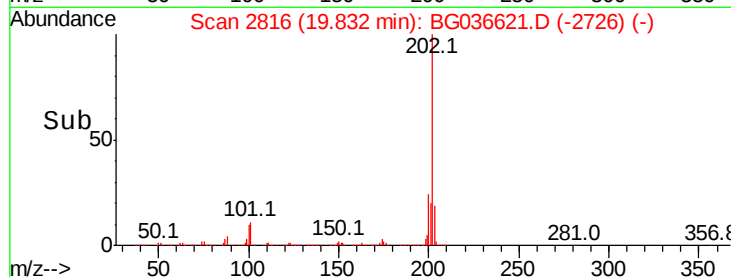
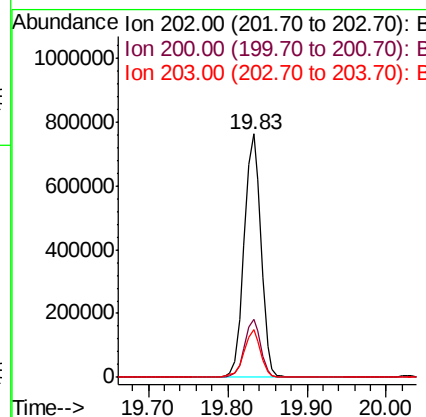
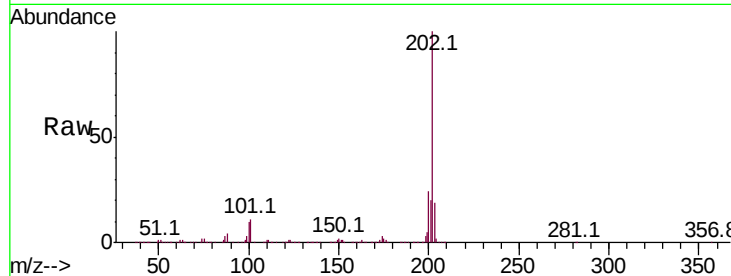
#77  
Pvrene  
Concen: 44.541 ng  
RT: 19.83 min Scan# 2816  
Delta R.T. 0.00 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.6  | 18.3  | 27.5  |
| 203     | 19.4  | 15.1  | 22.7  |

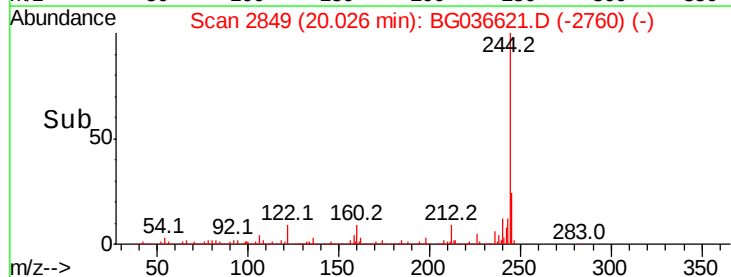
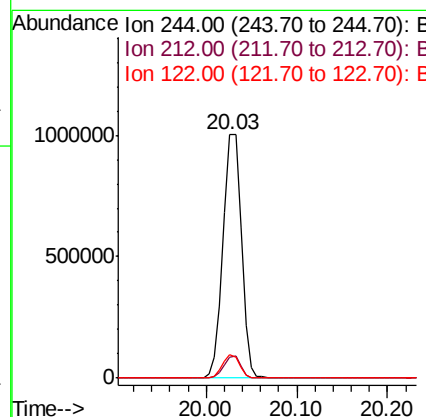
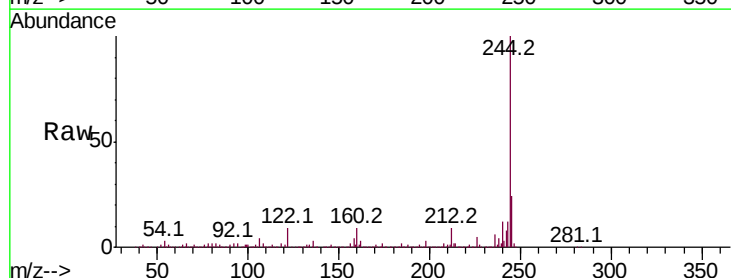
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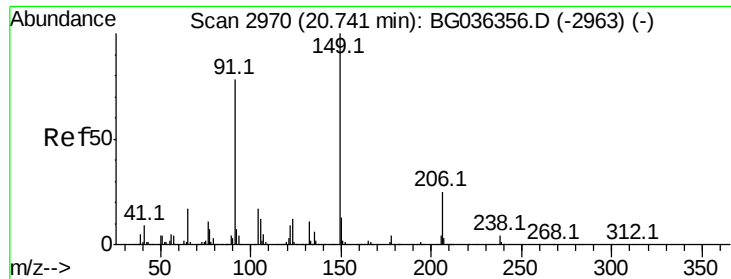
Sohil  
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#78  
Terphenyl-d14  
Concen: 80.446 ng  
RT: 20.03 min Scan# 2849  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.7   | 7.0   | 10.6  |
| 122     | 9.4   | 7.1   | 10.7  |





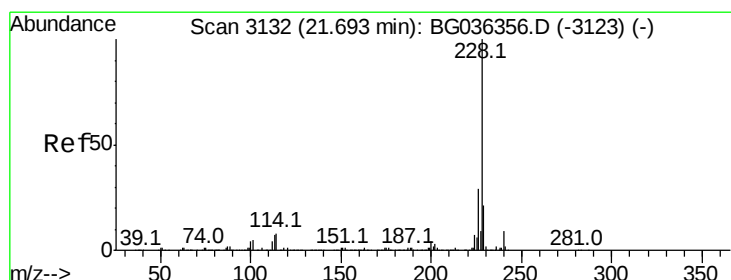
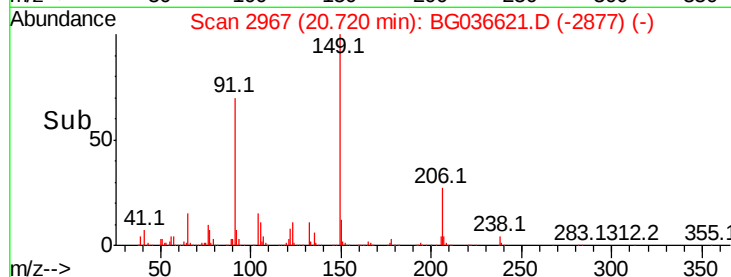
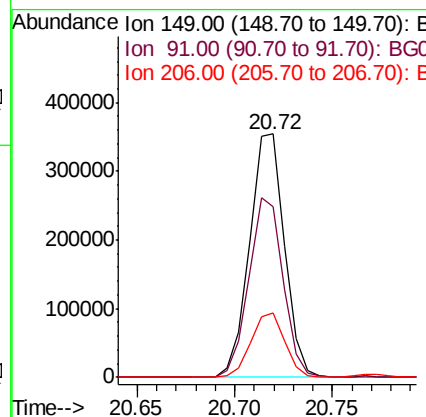
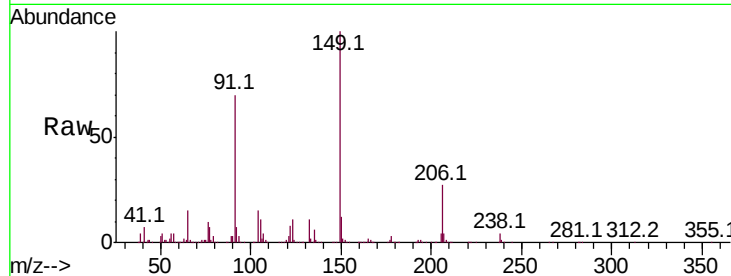
#79  
Butylbenzylphthalate  
Concen: 43.835 ng  
RT: 20.72 min Scan# 2967  
Delta R.T. 0.00 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 69.9  | 62.0  | 93.0  |
| 206     | 26.7  | 19.6  | 29.4  |

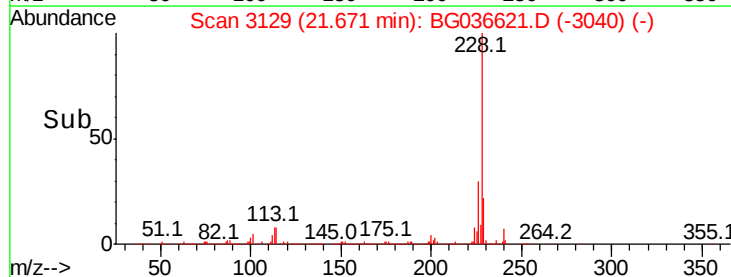
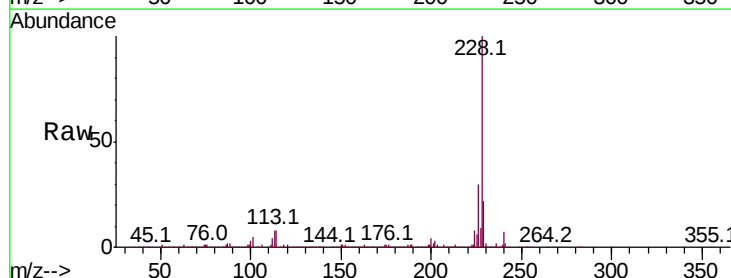
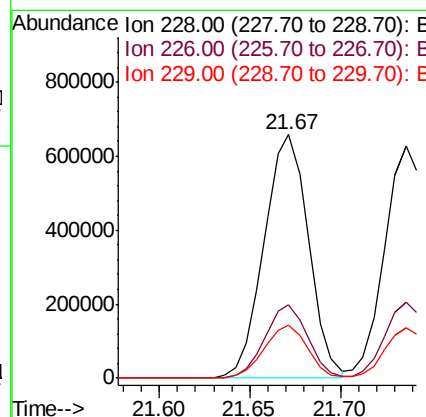
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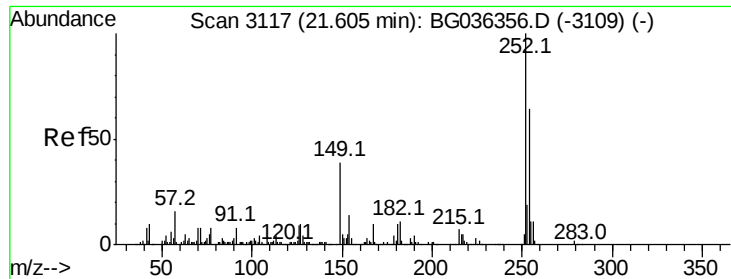
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 45.304 ng  
RT: 21.67 min Scan# 3129  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.0  | 23.4  | 35.2  |
| 229     | 21.7  | 17.1  | 25.7  |





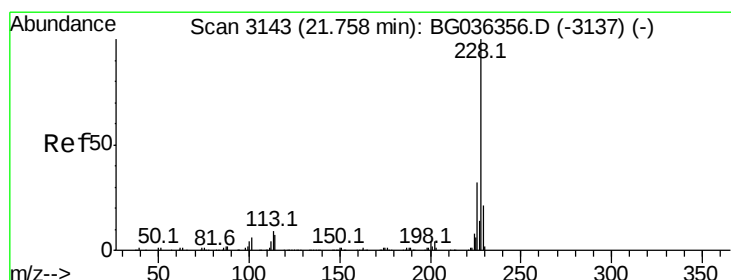
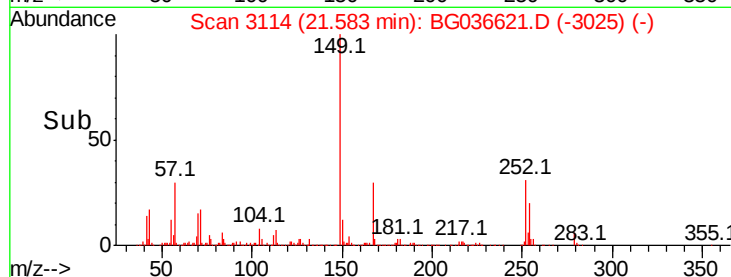
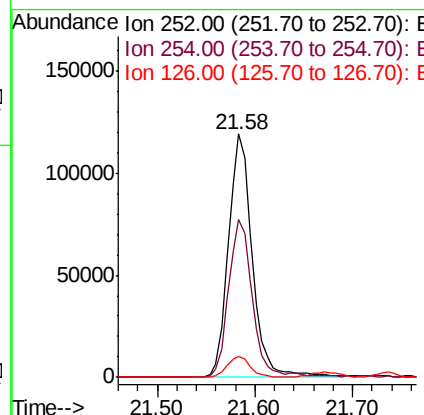
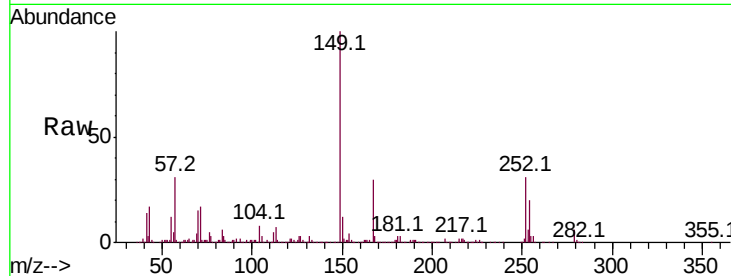
#81  
3,3'-Dichlorobenzidine  
Concen: 20.421 ng  
RT: 21.58 min Scan# 3114  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 51.0  | 76.4  |
| 126     | 8.7   | 7.4   | 11.0  |

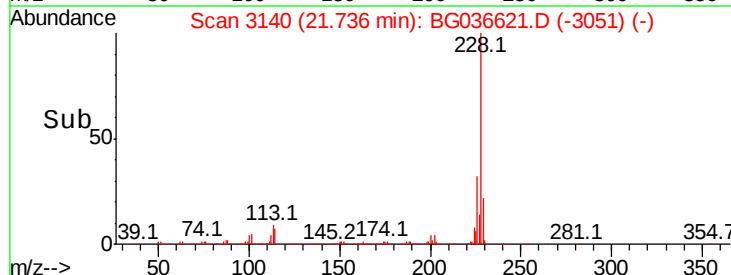
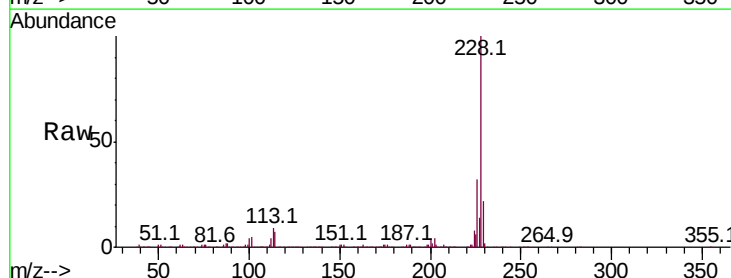
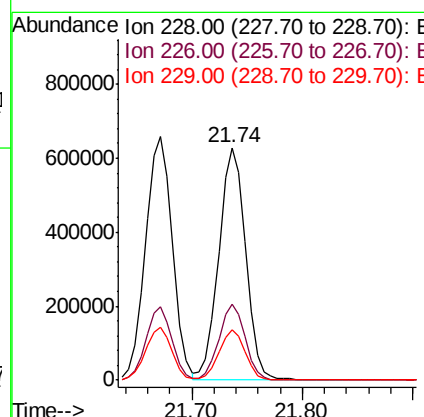
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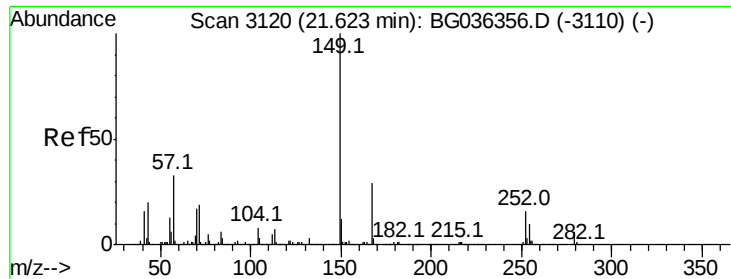
Sohil  
9/10/2018 11:05:47 AM



#82  
Chrysene  
Concen: 44.961 ng  
RT: 21.74 min Scan# 3140  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.5  | 25.5  | 38.3  |
| 229     | 21.5  | 16.9  | 25.3  |





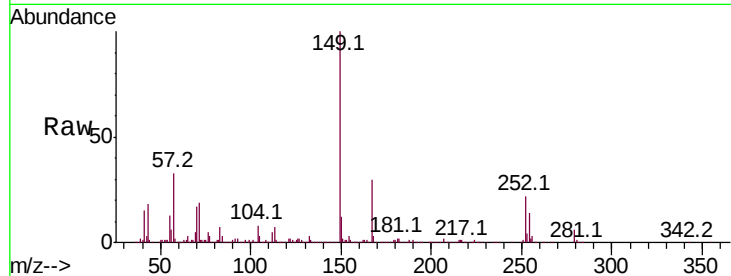
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.911 ng  
 RT: 21.58 min Scan# 3113  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 30.0  | 23.4 | 35.0  |       |
| 279     | 6.2   | 4.6  | 7.0   |       |

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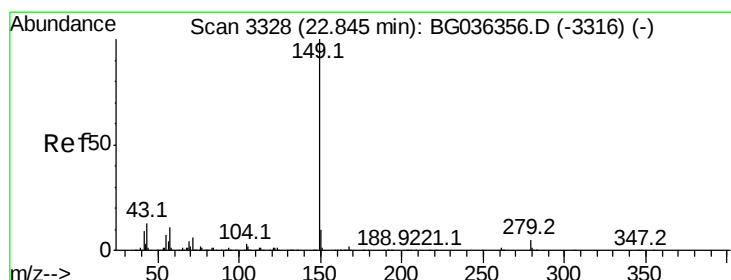
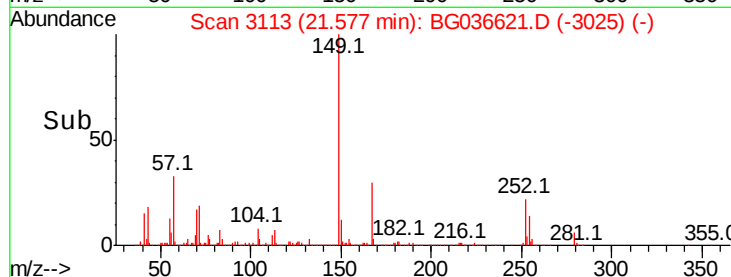
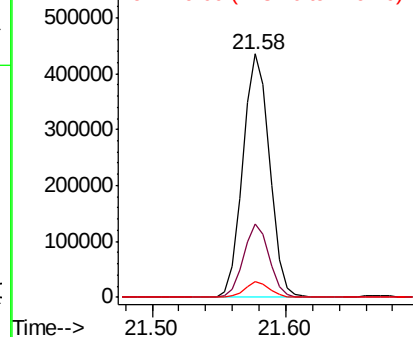


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 43.666 ng  
 RT: 22.79 min Scan# 3319  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

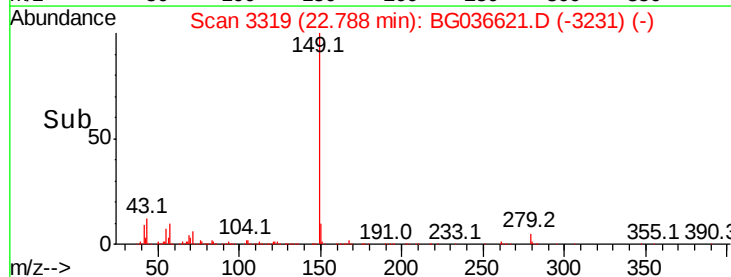
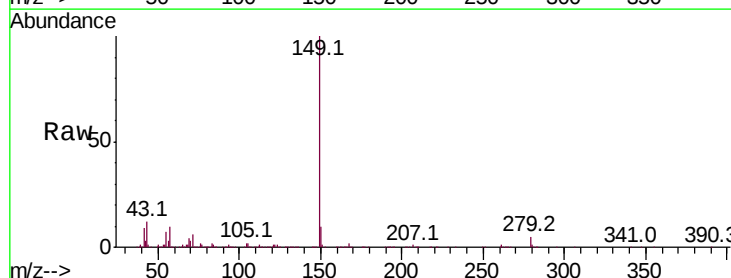
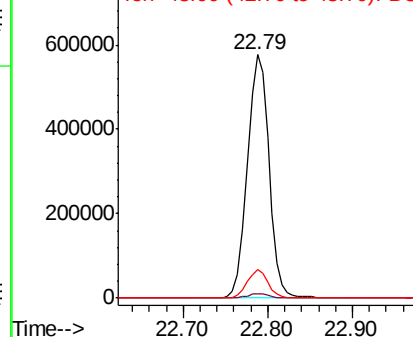
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 167     | 1.8   | 1.3  | 1.9   |       |
| 43      | 11.3  | 10.0 | 15.0  |       |

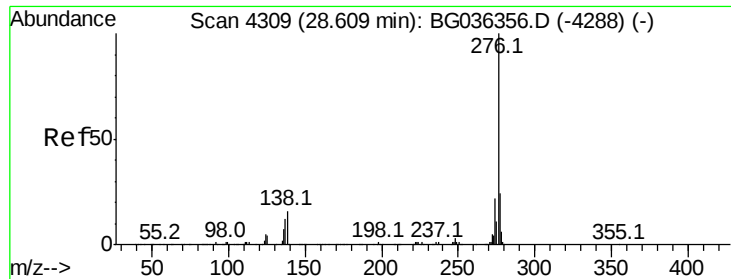
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





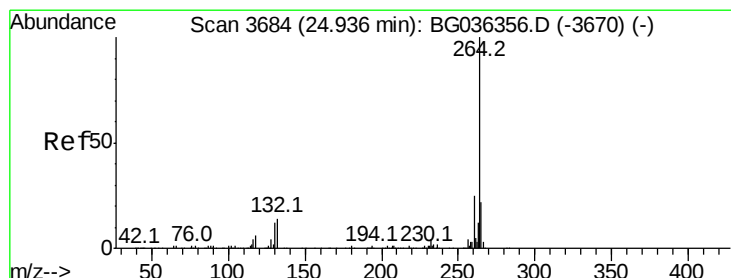
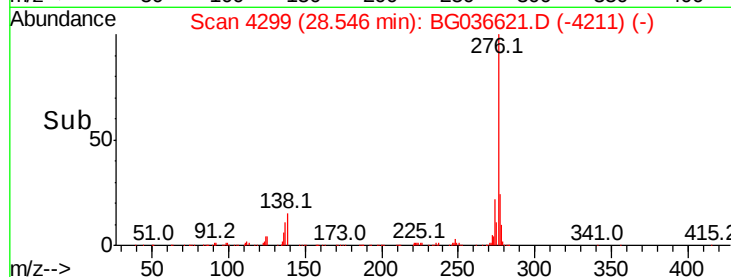
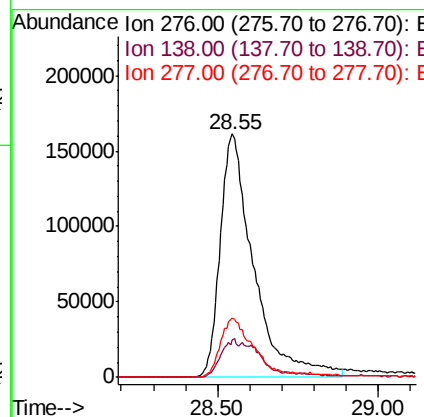
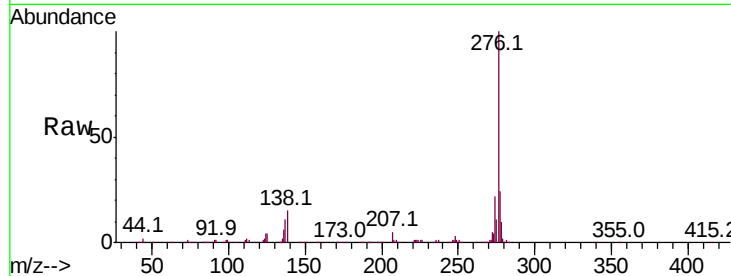
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.813 ng  
RT: 28.55 min Scan# 4299  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 7.8   | 10.6  | 15.8# |
| 277     | 24.2  | 20.6  | 30.8  |

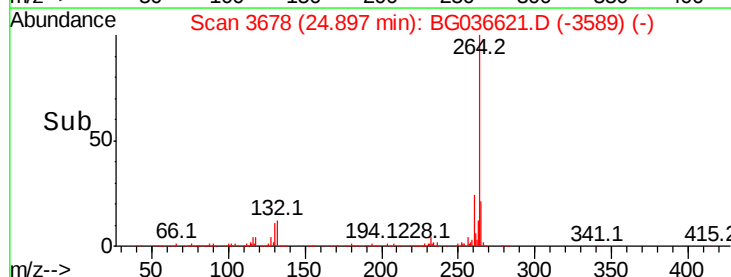
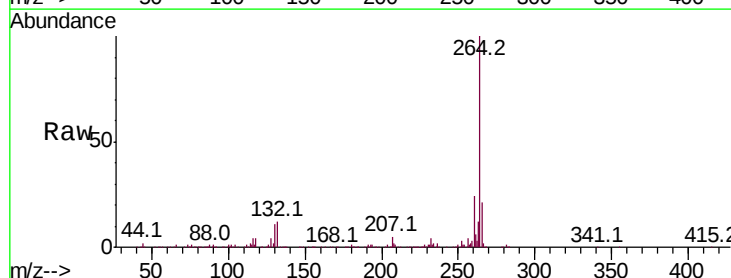
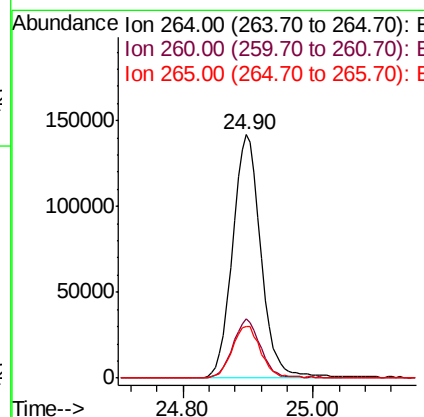
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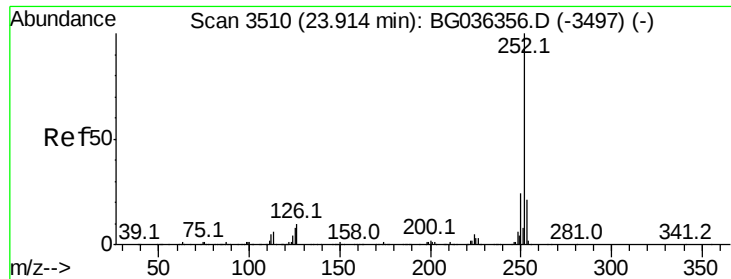
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.90 min Scan# 3678  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.6  | 29.4  |
| 265     | 21.3  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 47.442 ng

RT: 23.88 min Scan# 3505

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Instrument :

BNA\_G

ClientSampleId :

OK-03-090618MS

Tot Ion:252 Resp: 1127260

Ion Ratio Lower Upper

252 100

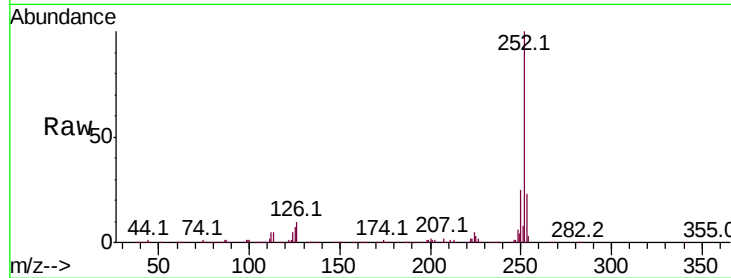
253 23.2 17.1 25.7

125 7.4 6.6 10.0

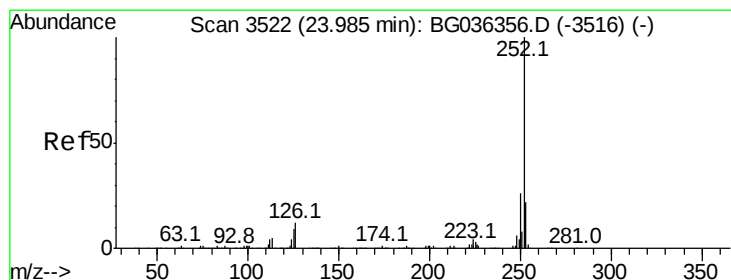
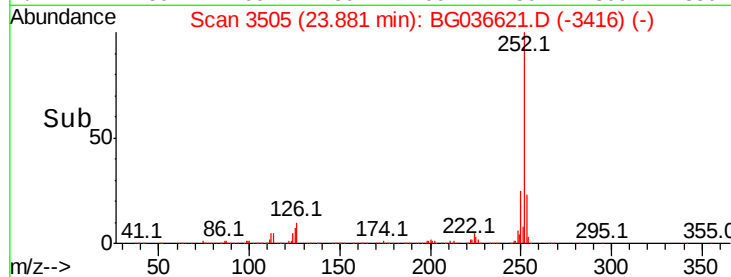
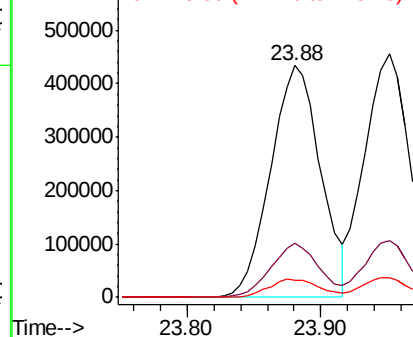
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.398 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BG036621.D

Acq: 8 Sep 2018 7:20

Tgt Ion:252 Resp: 1077048

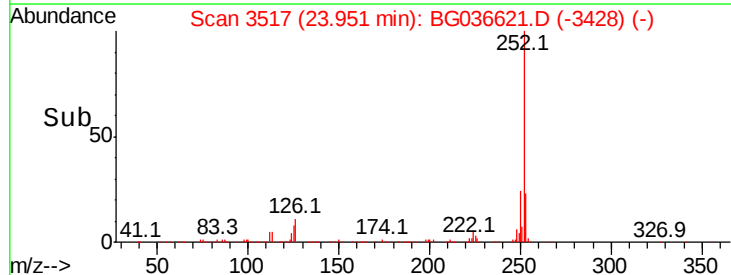
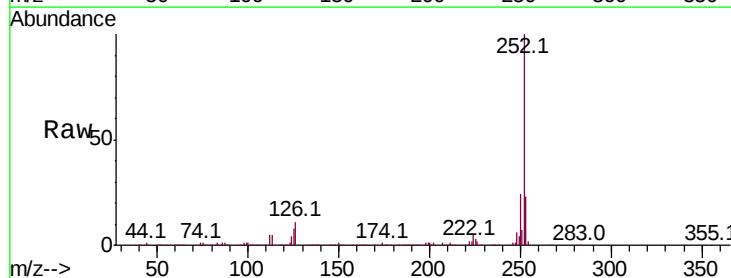
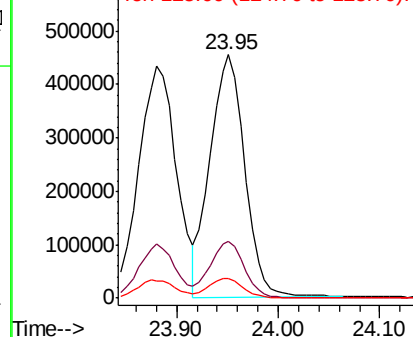
Ion Ratio Lower Upper

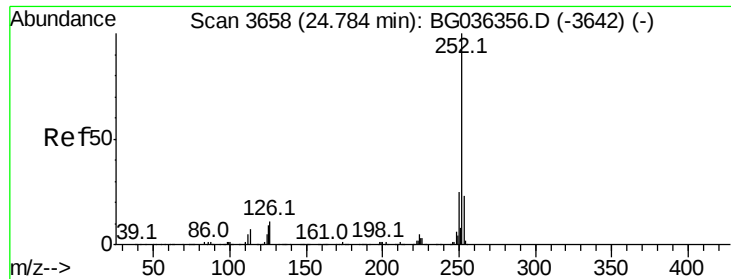
252 100

253 23.1 18.0 27.0

125 8.3 7.0 10.6

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





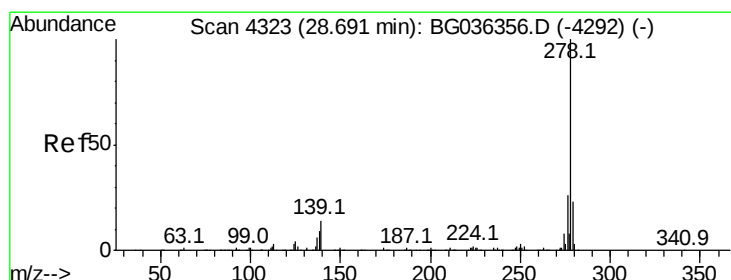
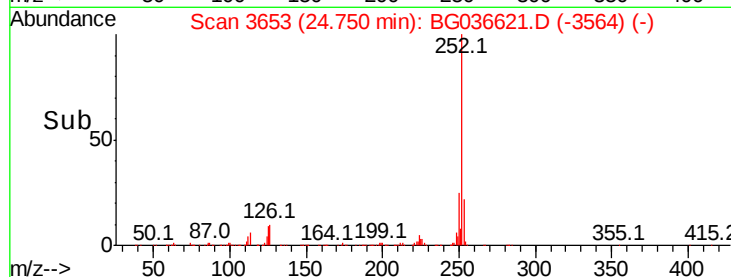
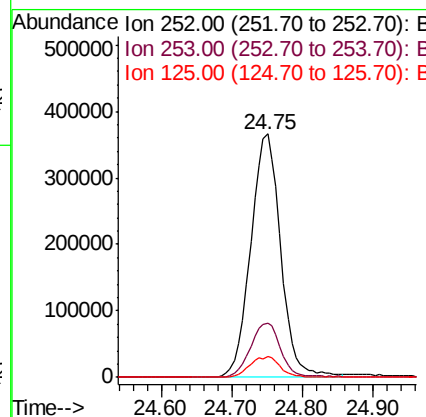
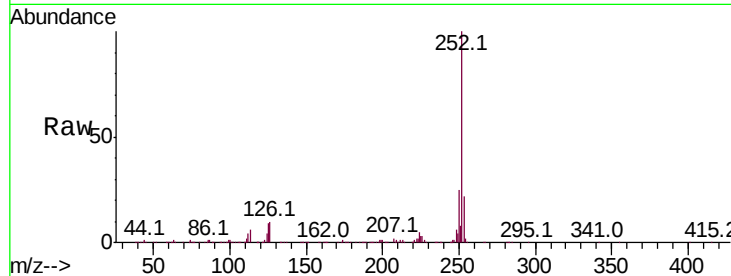
#89  
Benzo(a)pyrene  
Concen: 47.406 ng  
RT: 24.75 min Scan# 3653  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

Instrument :  
BNA\_G  
ClientSampleId :  
OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.2  | 27.2  |
| 125     | 8.7   | 7.3   | 10.9  |

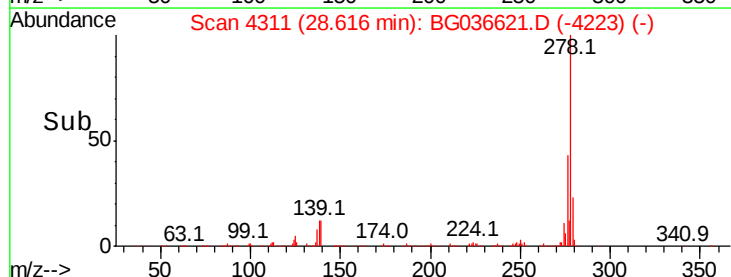
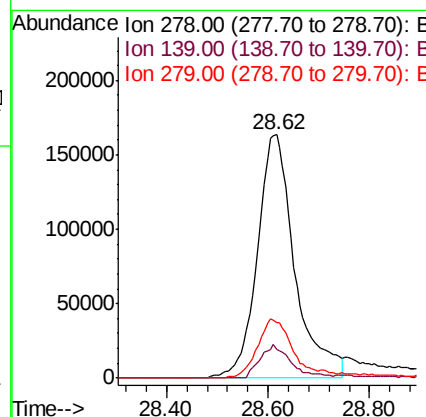
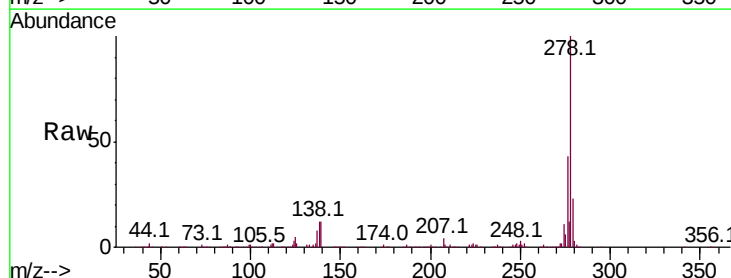
Manual Integrations  
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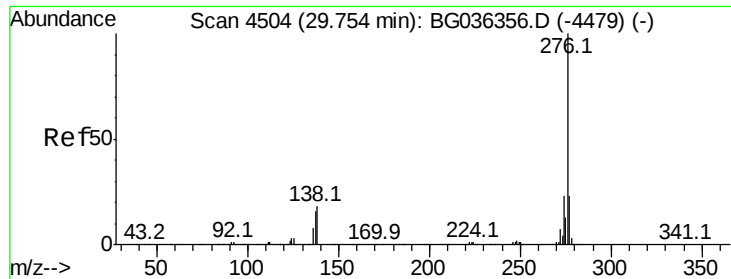
Sohil  
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.216 ng  
RT: 28.62 min Scan# 4311  
Delta R.T. -0.01 min  
Lab File: BG036621.D  
Acq: 8 Sep 2018 7:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.7  | 11.0  | 16.4  |
| 279     | 22.9  | 18.7  | 28.1  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 41.013 ng  
 RT: 29.69 min Scan# 4493  
 Delta R.T. -0.01 min  
 Lab File: BG036621.D  
 Acq: 8 Sep 2018 7:20

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OK-03-090618MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.6  | 18.4  | 27.6  |
| 138     | 16.2  | 14.6  | 22.0  |

Manual Integrations  
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