

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\  
 Data File : BG039188.D  
 Acq On : 17 Jan 2019 16:04  
 Operator : JU/SJ  
 Sample : PB116414BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

Manual Integrations  
 APPROVED

Sohil  
 1/18/2019 11:24:01 AM

Quant Time: Jan 18 04:34:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 22093    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 82900    | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 48735    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.41 | 188  | 135916   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.68 | 240  | 163640   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 175141   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.57  | 112 | 166893 | 143.30 | ng | 0.00 |
| 7) Phenol-d6             | 7.18  | 99  | 195670 | 116.74 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 127802 | 84.36  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 105417 | 129.04 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 280606 | 78.80  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 689387 | 77.93  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 24391  | 53.480 | ng | # 91   |
| 3) Pyridine                    | 3.85  | 79  | 41511  | 33.497 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 23472  | 42.090 | ng | 88     |
| 6) Aniline                     | 7.34  | 93  | 54465  | 27.058 | ng | 97     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 52950  | 38.569 | ng | 99     |
| 9) Benzaldehyde                | 7.16  | 77  | 14951  | 15.468 | ng | 96     |
| 10) Phenol                     | 7.20  | 94  | 67758  | 40.323 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.44  | 93  | 44647  | 34.764 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 64524  | 39.228 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 65014  | 39.027 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 61396  | 38.654 | ng | 97     |
| 15) Benzyl Alcohol             | 8.26  | 79  | 49299  | 39.058 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 100141 | 40.663 | ng | 98     |
| 17) 2-Methylphenol             | 8.46  | 107 | 49941  | 42.801 | ng | 98     |
| 18) Hexachloroethane           | 9.09  | 117 | 22563  | 39.867 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 41756  | 37.938 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 69112  | 41.544 | ng | 98     |
| 22) Acetophenone               | 8.85  | 105 | 86031  | 39.738 | ng | # 96   |
| 24) Nitrobenzene               | 9.23  | 77  | 65021  | 42.461 | ng | 97     |
| 25) Isophorone                 | 9.74  | 82  | 114826 | 44.000 | ng | 99     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 32956  | 39.788 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 55744  | 47.837 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 67700  | 43.165 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 62867  | 43.427 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 66976  | 38.505 | ng | 98     |
| 31) Naphthalene                | 10.88 | 128 | 180410 | 43.391 | ng | 98     |
| 32) Benzoic acid               | 10.16 | 122 | 16008m | 27.387 | ng |        |
| 33) 4-Chloroaniline            | 11.00 | 127 | 35415  | 19.036 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.14 | 225 | 45070  | 37.657 | ng | 98     |
| 35) Caprolactam                | 11.78 | 113 | 19725m | 33.979 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 58973  | 38.087 | ng | 92     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 119353 | 38.288 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 109900 | 36.730 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 72182  | 39.438 | ng | 98     |

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 Sample : PB116414BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

Manual Integrations  
 APPROVED

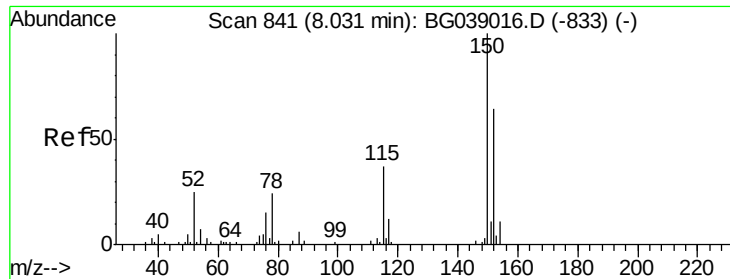
Sohil  
 1/18/2019 11:24:01 AM

Quant Time: Jan 18 04:34:57 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 84159    | 81.525 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.09 | 196  | 46464    | 40.336 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 52374    | 43.018 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 150863   | 39.067 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 120457   | 38.547 | ng    | 96       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 34774    | 39.721 | ng    | 95       |
| 49) Acenaphthylene             | 14.38 | 152  | 196669   | 41.871 | ng    | 100      |
| 50) Dimethylphthalate          | 14.10 | 163  | 164430   | 39.926 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.24 | 165  | 36448    | 39.585 | ng    | 98       |
| 52) Acenaphthene               | 14.72 | 154  | 117819   | 41.749 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 24327    | 26.045 | ng    | # 93     |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 41407    | 75.540 | ng    | 98       |
| 55) Dibenzofuran               | 15.06 | 168  | 197681   | 39.662 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 57155    | 85.043 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 53444    | 40.458 | ng    | 96       |
| 58) Fluorene                   | 15.70 | 166  | 154665   | 41.226 | ng    | 91       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 48686    | 42.362 | ng    | 99       |
| 60) Diethylphthalate           | 15.46 | 149  | 165283   | 38.953 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 88688    | 37.523 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.74 | 138  | 36307    | 37.313 | ng    | 93       |
| 63) Azobenzene                 | 15.98 | 77   | 129296   | 38.965 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 33578    | 33.346 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 144572   | 35.881 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.58 | 248  | 63304    | 36.233 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.70 | 284  | 67533    | 35.423 | ng    | 98       |
| 69) Atrazine                   | 16.85 | 200  | 65592    | 38.320 | ng    | 95       |
| 70) Pentachlorophenol          | 17.05 | 266  | 66260    | 57.974 | ng    | 99       |
| 71) Phenanthrene               | 17.45 | 178  | 294975   | 41.059 | ng    | 97       |
| 72) Anthracene                 | 17.54 | 178  | 302352   | 42.566 | ng    | 100      |
| 73) Carbazole                  | 17.81 | 167  | 277660   | 39.597 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 345001   | 44.227 | ng    | 99       |
| 75) Fluoranthene               | 19.46 | 202  | 429689   | 48.247 | ng    | 100      |
| 77) Benzidine                  | 19.65 | 184  | 157307   | 31.429 | ng    | 98       |
| 78) Pyrene                     | 19.82 | 202  | 438763   | 42.073 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 163102   | 41.121 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.66 | 228  | 431087   | 43.275 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 97946    | 24.132 | ng    | 96       |
| 83) Chrysene                   | 21.72 | 228  | 391556   | 41.328 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 225279   | 40.905 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 389605   | 41.837 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.68 | 276  | 482166   | 42.591 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 437944   | 45.349 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 424415   | 44.449 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 420248   | 45.021 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.74 | 278  | 397953   | 42.861 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.87 | 276  | 409784   | 44.582 | ng    | 96       |

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





#1

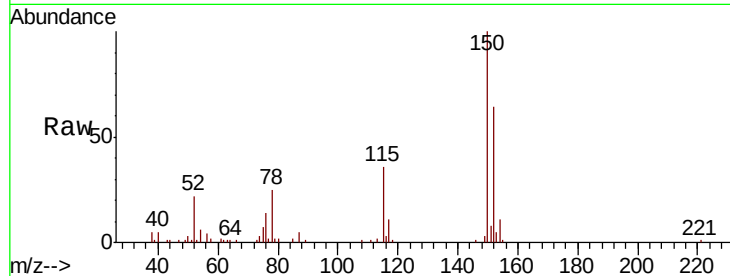
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.3 | 124.7 | 187.1 |
| 115     | 56.9  | 46.5  | 69.7  |

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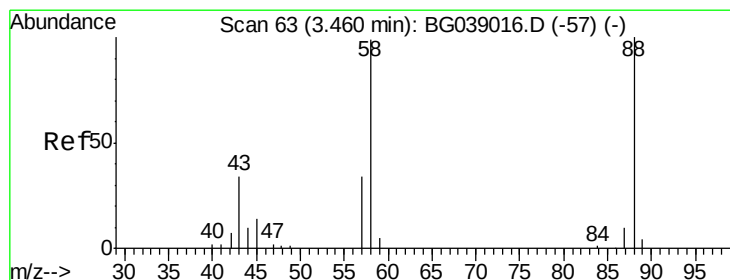
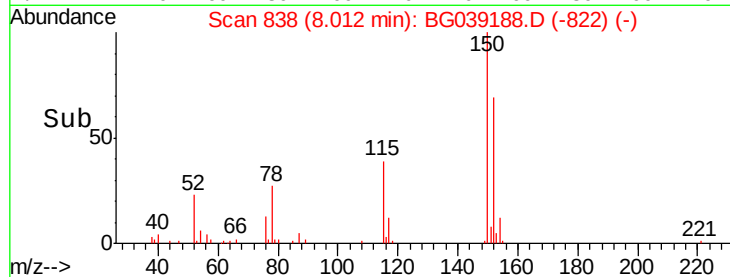
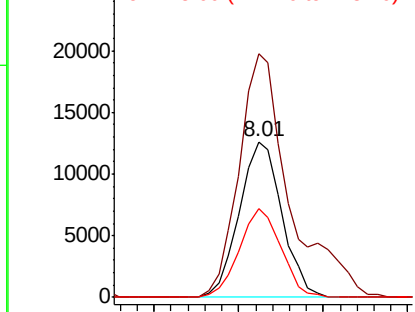


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

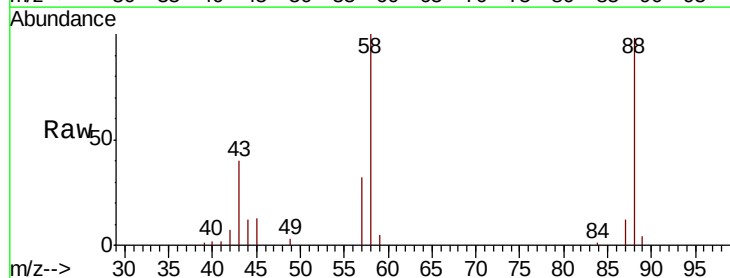
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 53.480 ng  
RT: 3.44 min Scan# 60  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 97.8  | 72.4  | 108.6 |
| 43      | 41.6  | 27.6  | 41.4# |

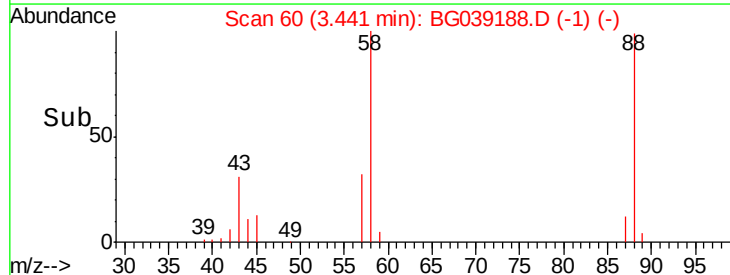
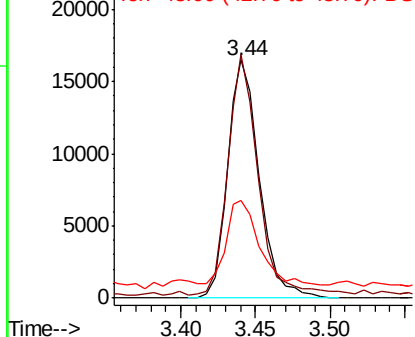


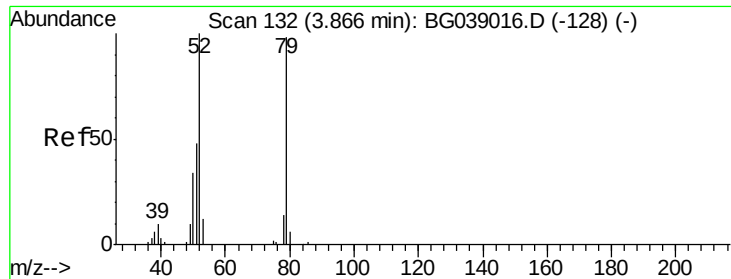
Abundance

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: 33.497 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

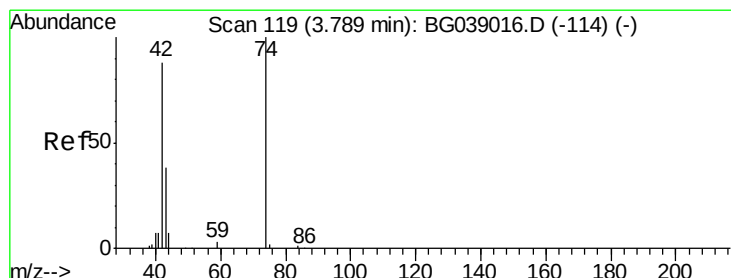
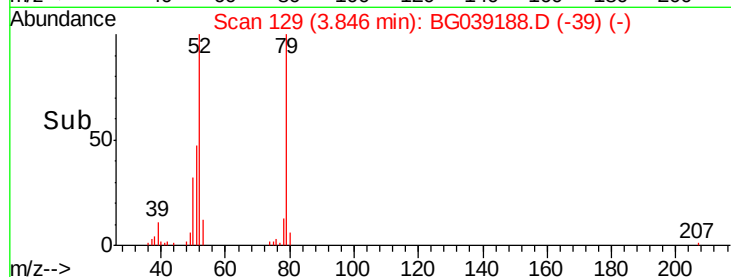
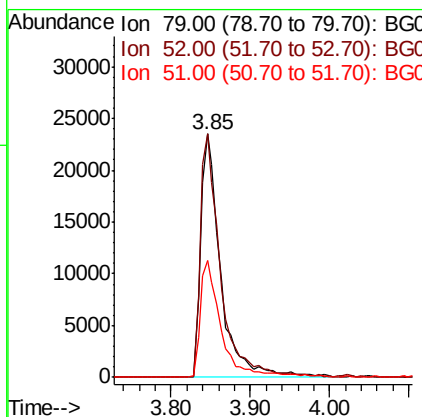
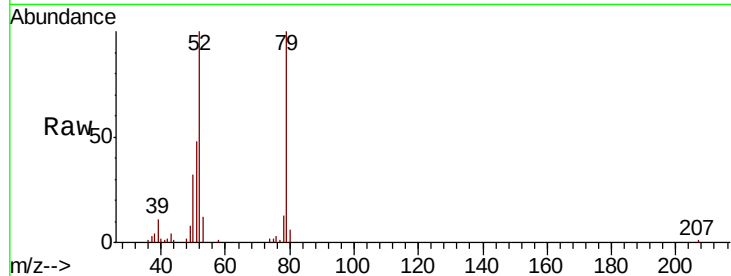
ClientSampleId :

PB116414BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 41511 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 99.9  | 81.5  | 122.3 |
| 51       | 48.1  | 39.8  | 59.6  |

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#4

n-Nitrosodimethylamine

Concen: 42.090 ng

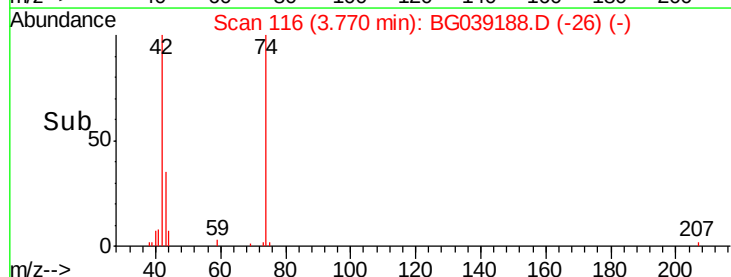
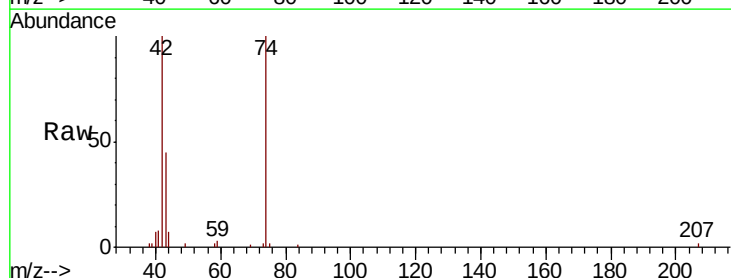
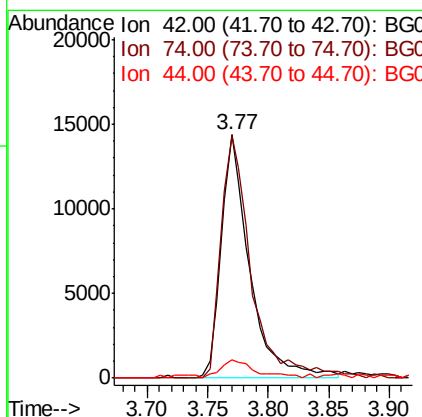
RT: 3.77 min Scan# 116

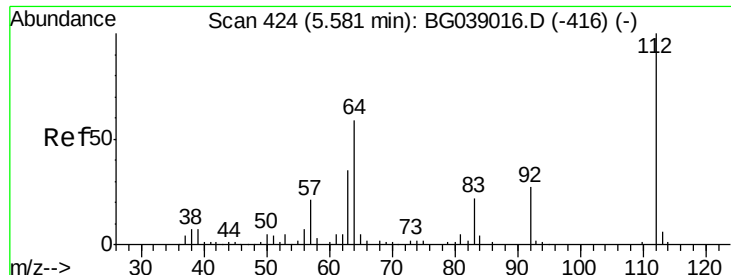
Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 23472 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 99.7  | 90.7  | 136.1 |
| 44       | 7.3   | 6.5   | 9.7   |





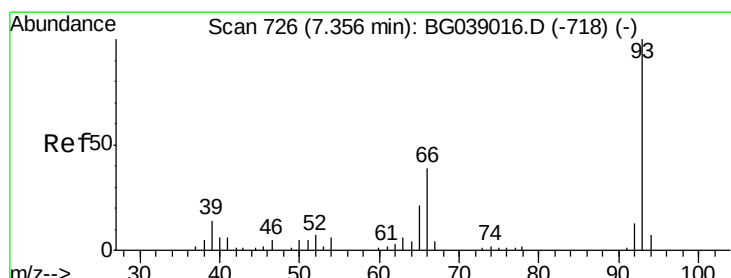
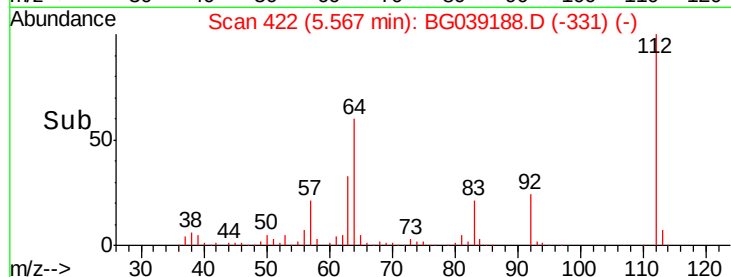
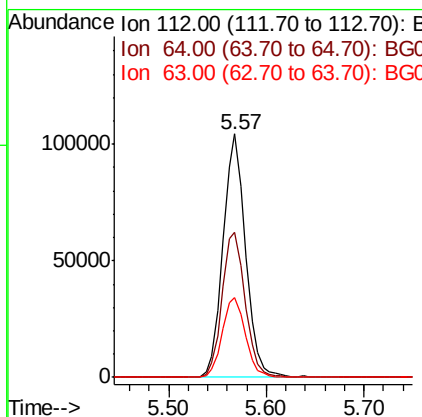
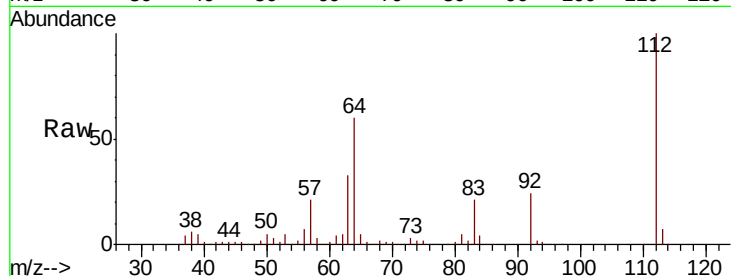
#5  
2-Fluorophenol  
Concen: 143.300 ng  
RT: 5.57 min Scan# 422  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampled :  
PB116414BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 166893 |       |       |
| 64      | 59.8 |       | 47.0   | 70.6  |       |
| 63      | 32.7 |       | 28.0   | 42.0  |       |

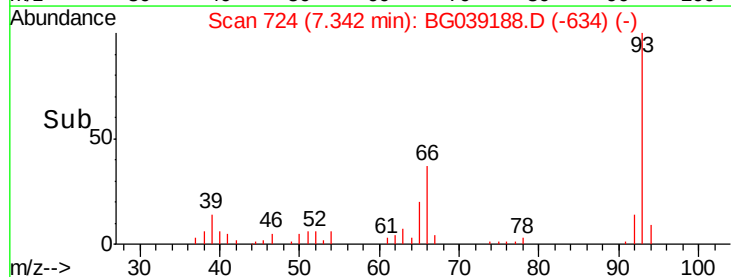
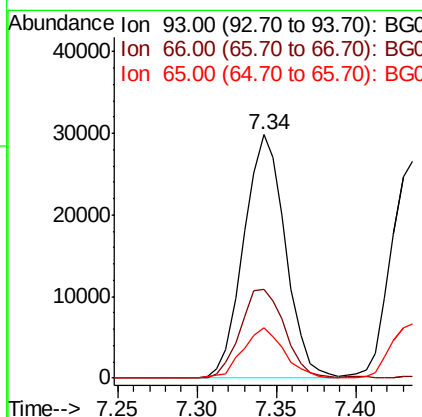
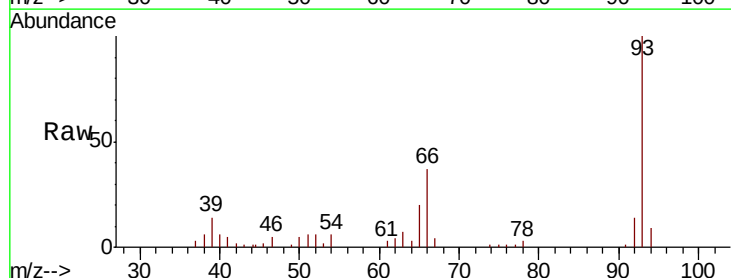
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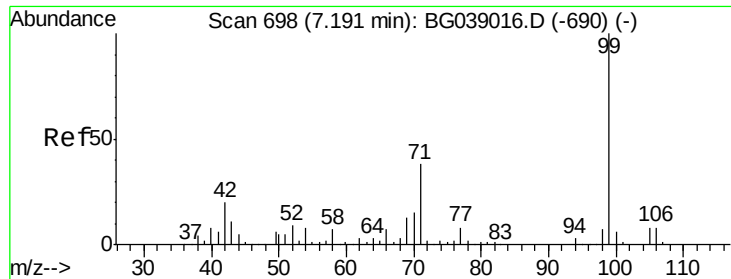
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1/18/2019 11:24:01 AM



#6  
Aniline  
Concen: 27.058 ng  
RT: 7.34 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 54465 |       |       |
| 66      | 36.6 |       | 30.9  | 46.3  |       |
| 65      | 20.4 |       | 17.0  | 25.4  |       |





#7

Phenol-d6

Concen: 116.743 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

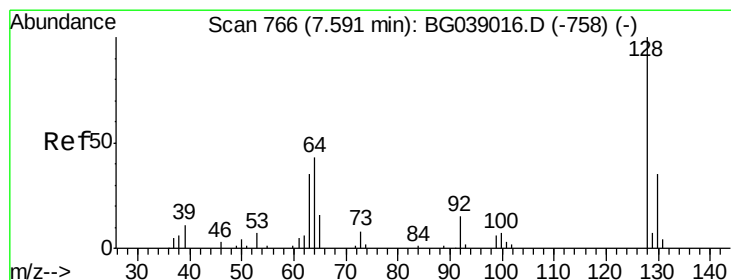
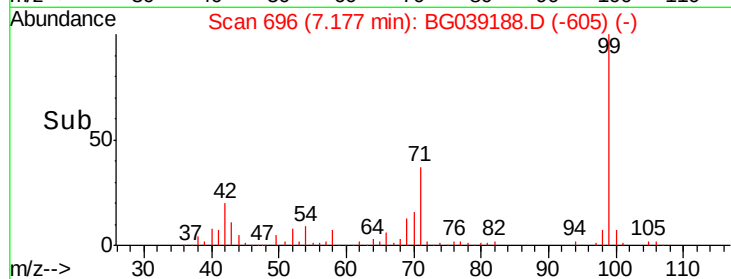
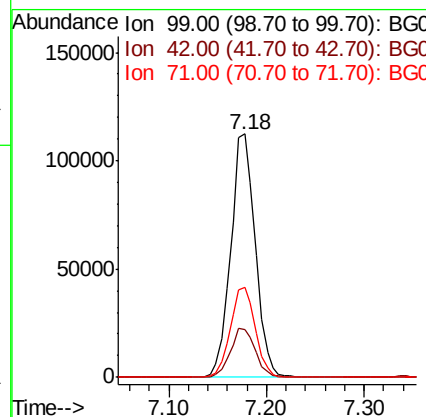
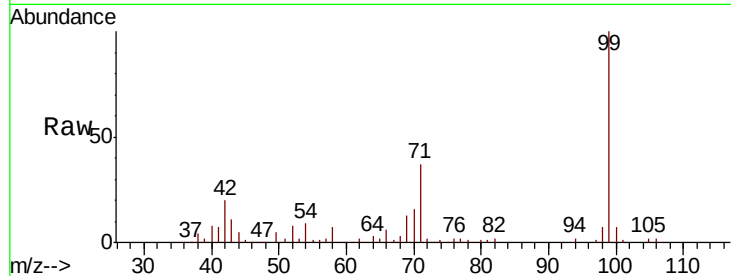
ClientSampleId :

PB116414BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 195670 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.7  | 15.8  | 23.6   |
| 71        | 37.0  | 30.2  | 45.4   |

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#8

2-Chlorophenol

Concen: 38.569 ng

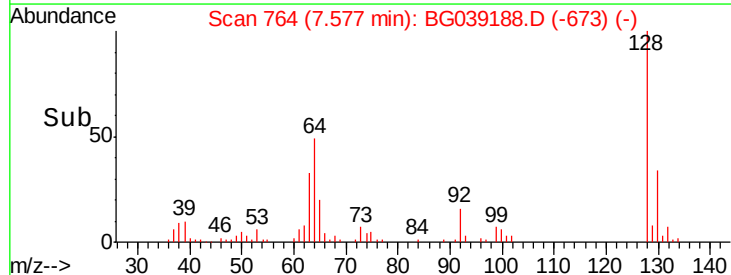
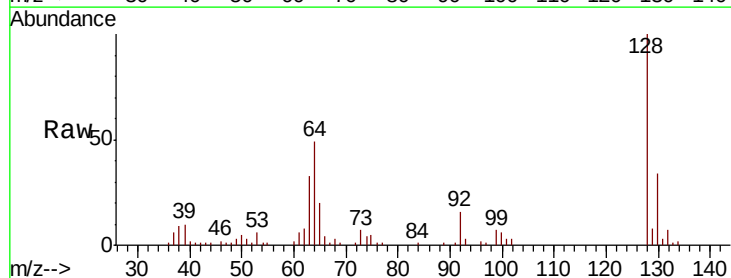
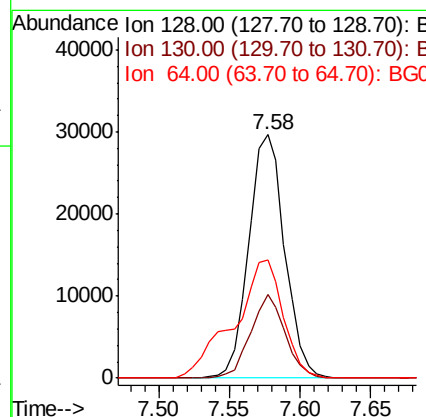
RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

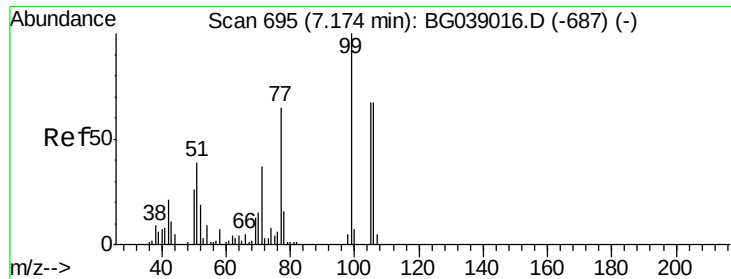
Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 52950 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 34.2  | 14.5  | 54.5  |
| 64        | 48.6  | 27.3  | 67.3  |







#9

Benzaldehyde

Concen: 15.468 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

ClientSampleID :

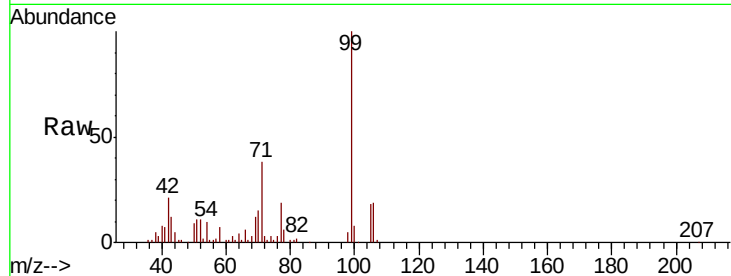
PB116414BS

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   |       |       |       |
| 105     | 97.2  | 82.4  | 122.4 |       |
| 106     | 100.8 | 82.8  | 122.8 |       |

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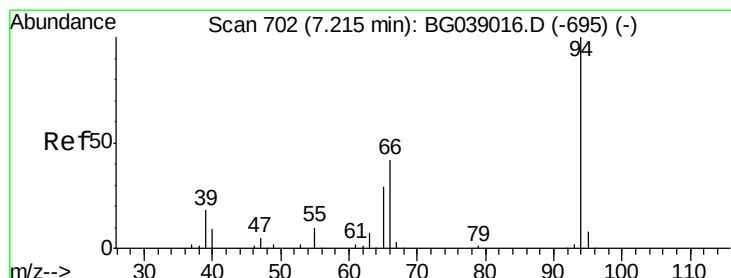
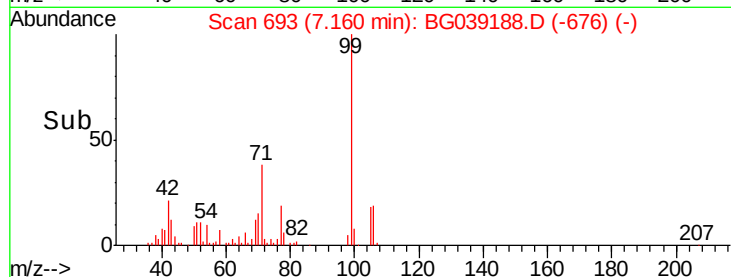
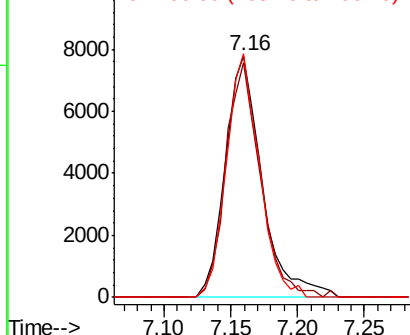


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.323 ng

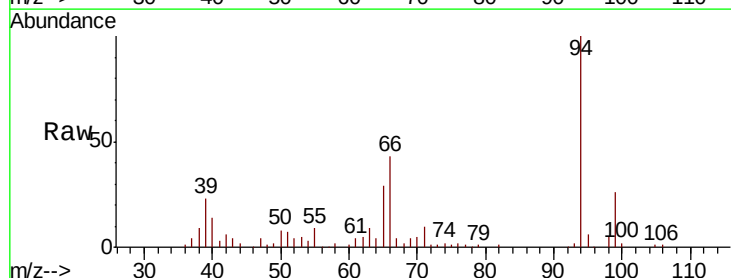
RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 94      | 100  |       |       |       |
| 65      | 28.8 | 10.3  | 50.3  |       |
| 66      | 42.7 | 25.1  | 65.1  |       |

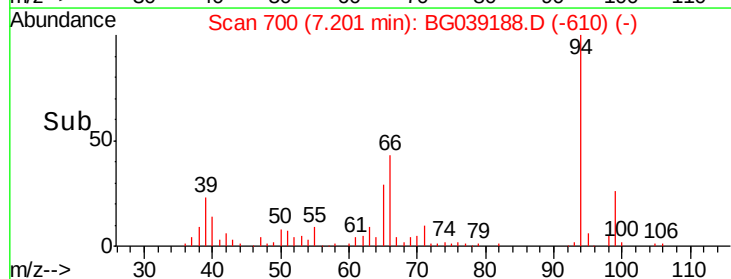
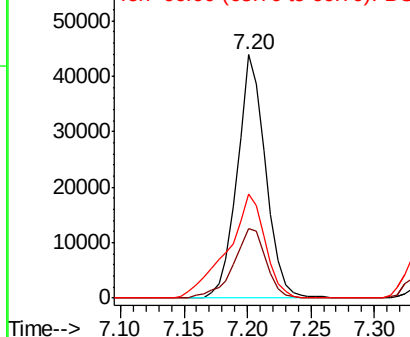


Abundance

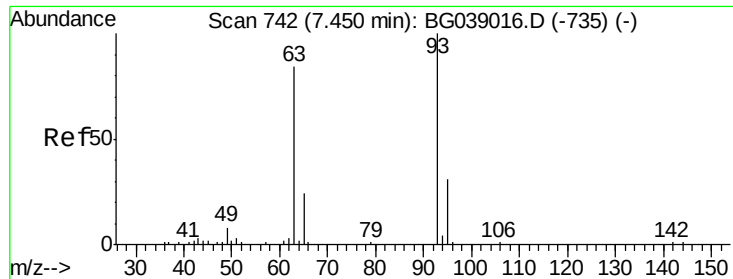
Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC







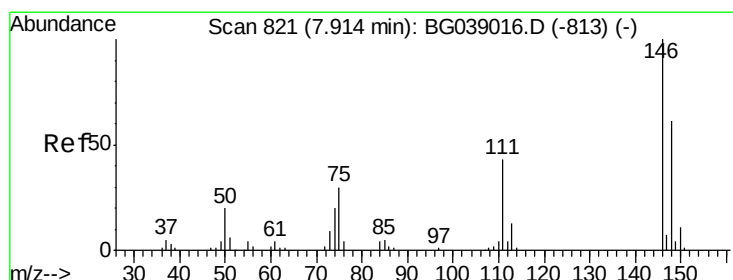
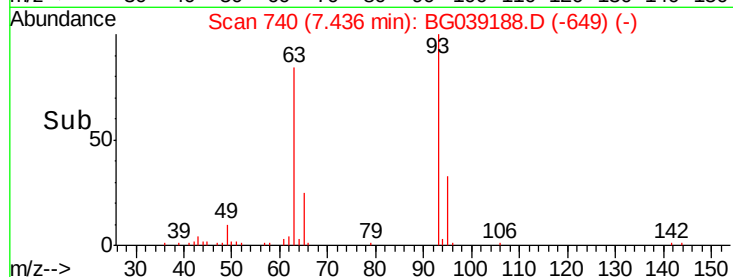
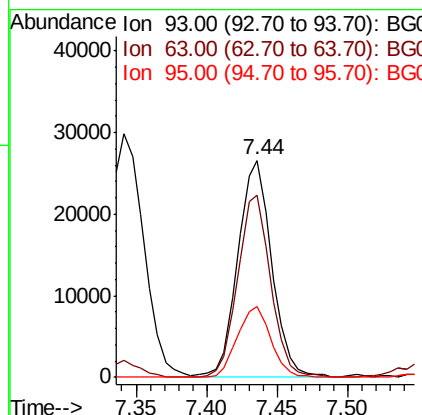
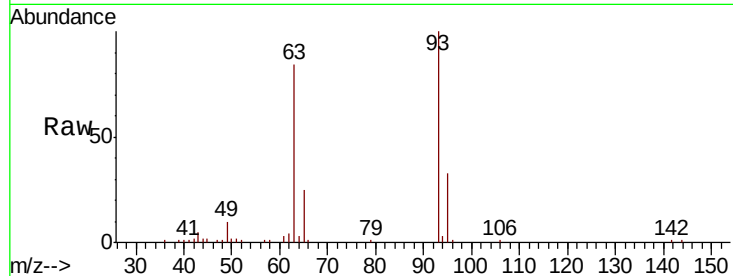
#11  
bis(2-Chloroethyl)ether  
Concen: 34.764 ng  
RT: 7.44 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 83.7  | 63.2  | 103.2 |
| 95      | 32.8  | 11.2  | 51.2  |

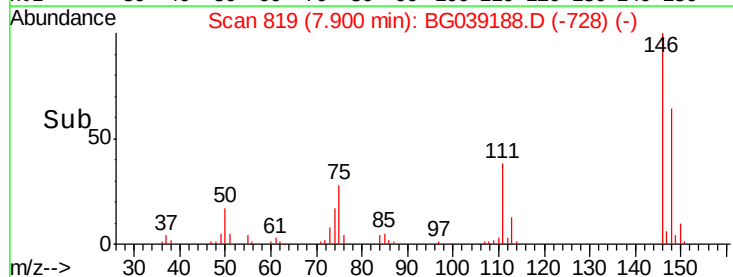
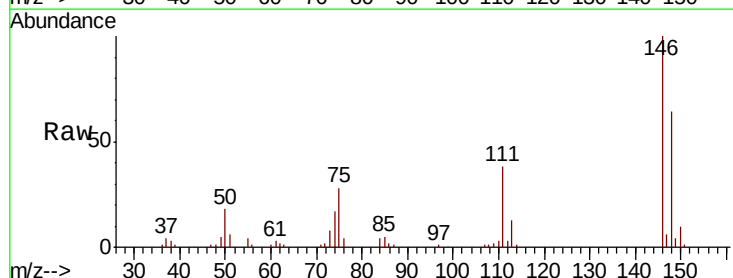
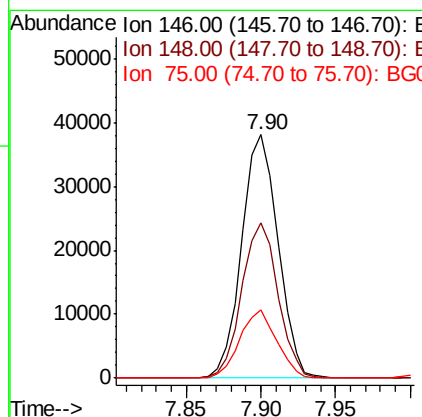
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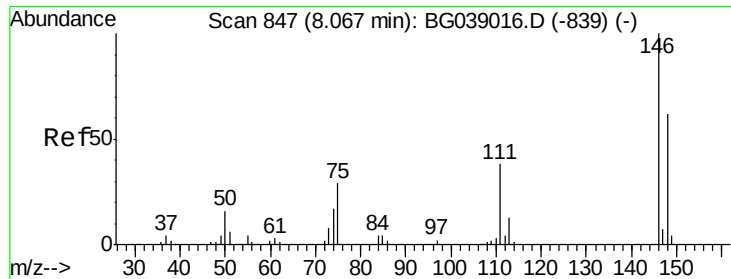
Sohil  
1/18/2019 11:24:01 AM



#12  
1,3-Dichlorobenzene  
Concen: 39.228 ng  
RT: 7.90 min Scan# 819  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 49.1  | 73.7  |
| 75      | 28.1  | 23.9  | 35.9  |





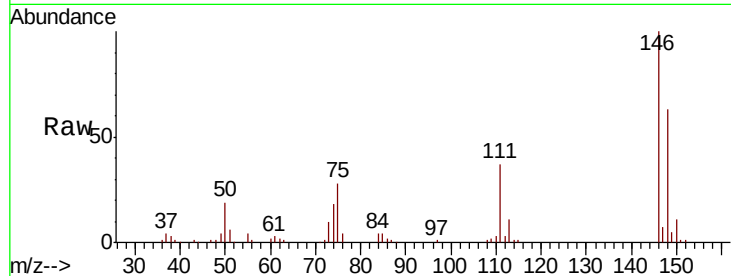
#13  
 1,4-Dichlorobenzene  
 Concen: 39.027 ng  
 RT: 8.05 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 49.8  | 74.6  |
| 111     | 36.5  | 30.6  | 45.8  |

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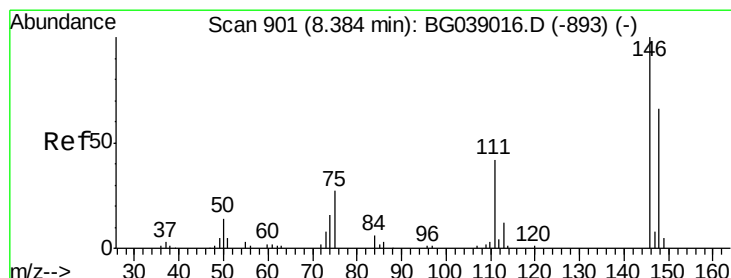
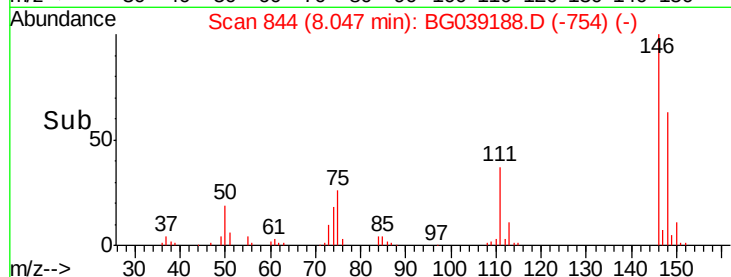
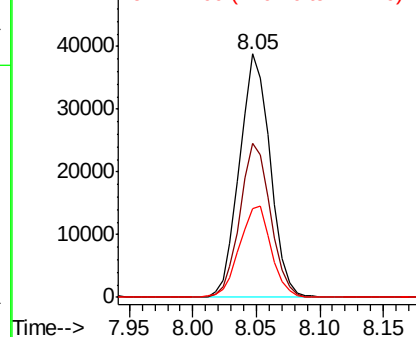


Abundance

Ion 146.00 (145.70 to 146.70): E

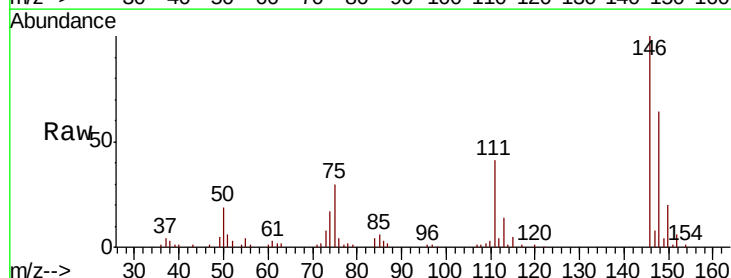
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 38.654 ng  
 RT: 8.36 min Scan# 898  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 52.6  | 79.0  |
| 111     | 40.8  | 34.6  | 51.8  |

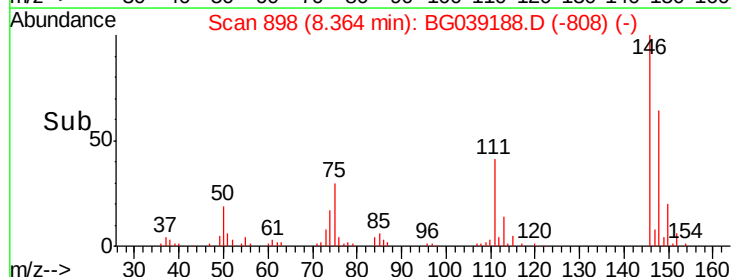
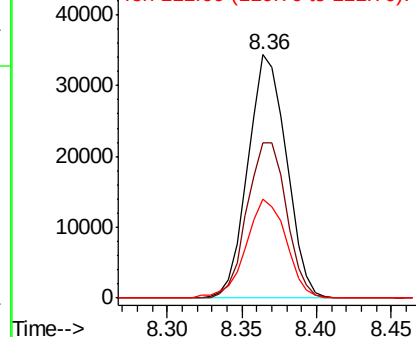


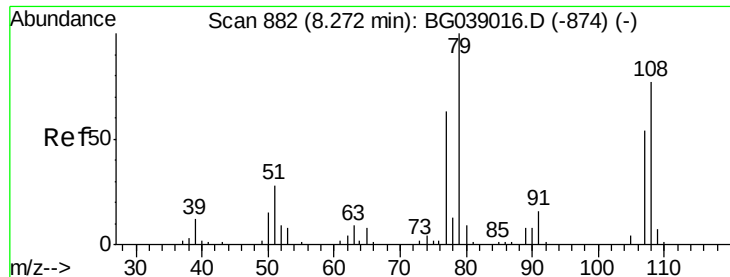
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.058 ng

RT: 8.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

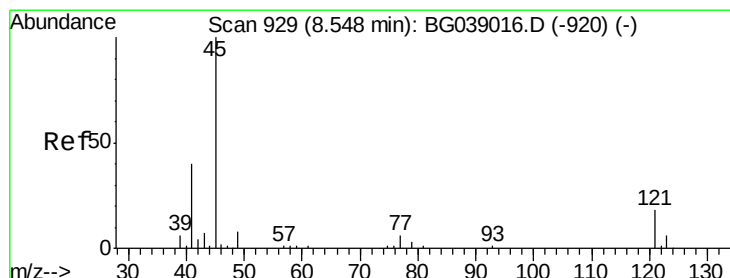
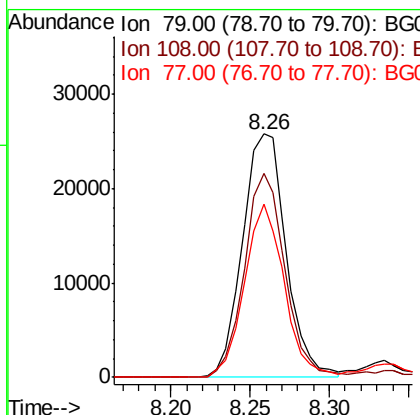
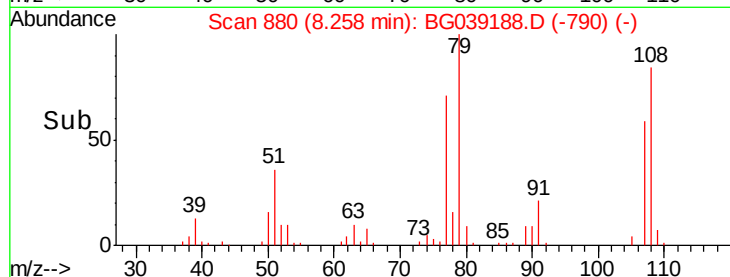
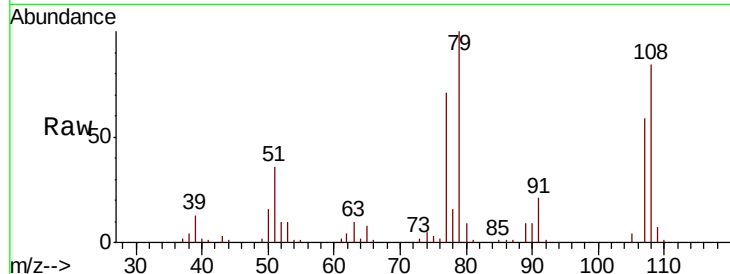
ClientSampleId :

PB116414BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 49299 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 83.8  | 62.0  | 93.0  |
| 77       | 71.4  | 50.1  | 75.1  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.663 ng

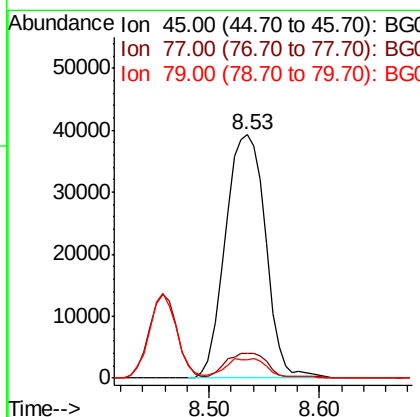
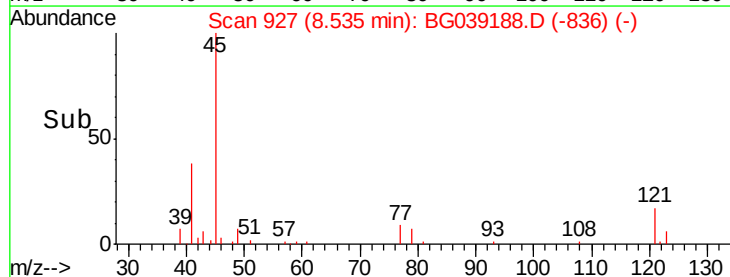
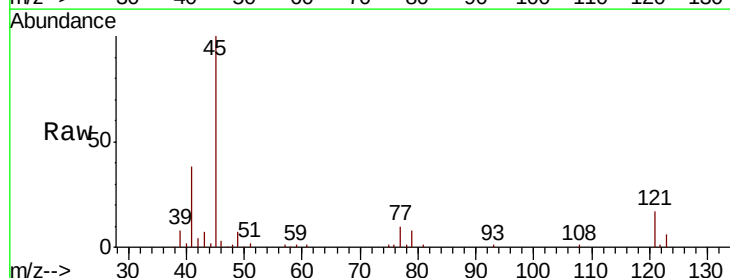
RT: 8.53 min Scan# 927

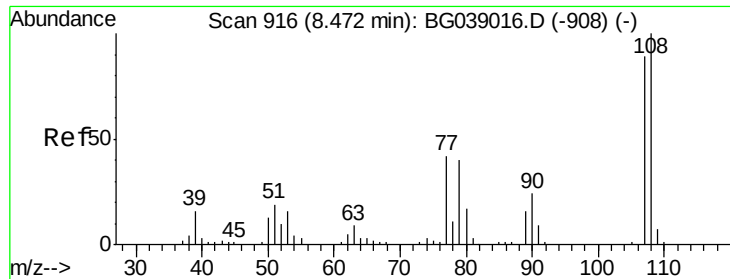
Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 100141 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 10.2  | 0.0   | 30.7   |
| 79       | 7.8   | 0.0   | 28.5   |





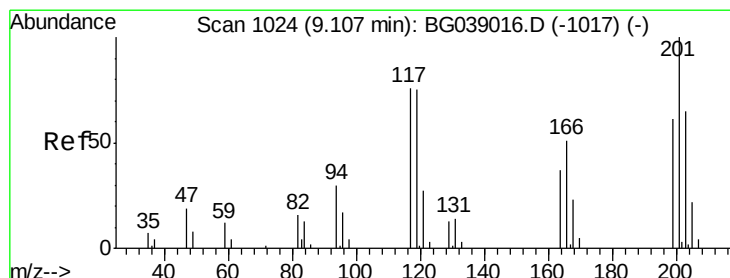
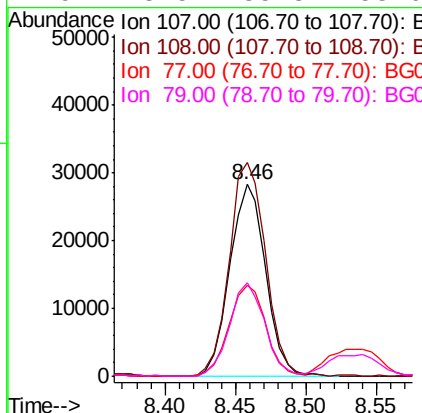
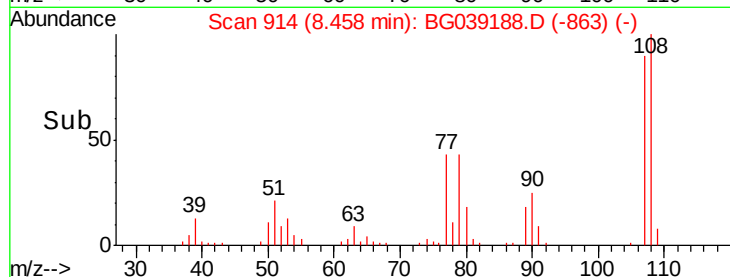
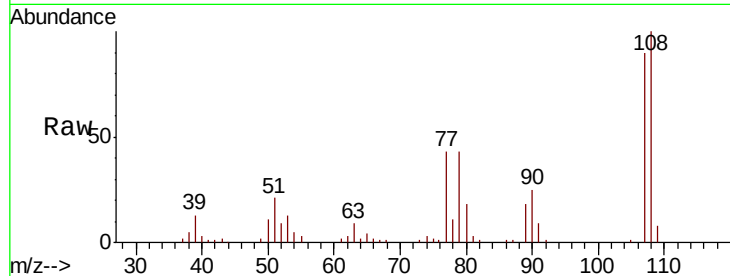
#17  
2-Methylphenol  
Concen: 42.801 ng  
RT: 8.46 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 49941 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.6 | 90.3  | 135.5 |
| 77       | 47.6  | 38.3  | 57.5  |
| 79       | 48.5  | 35.8  | 53.6  |

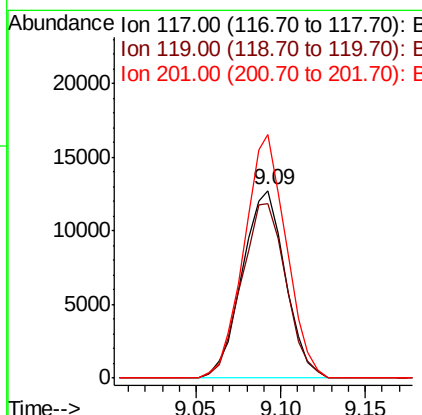
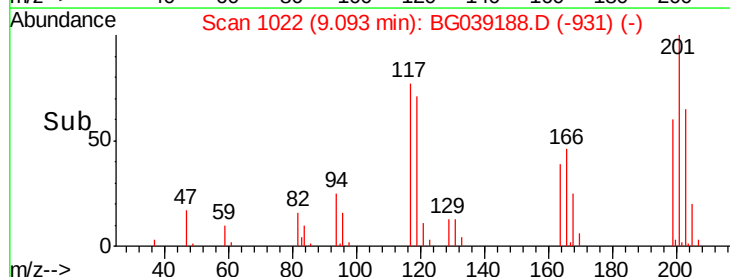
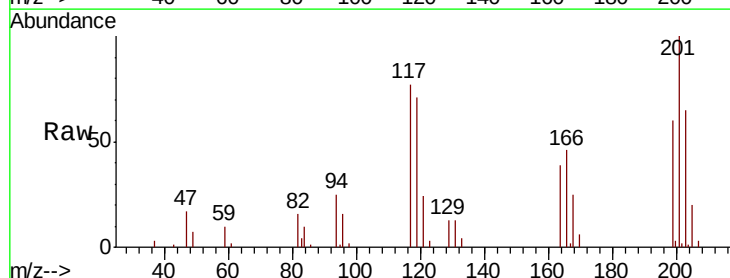
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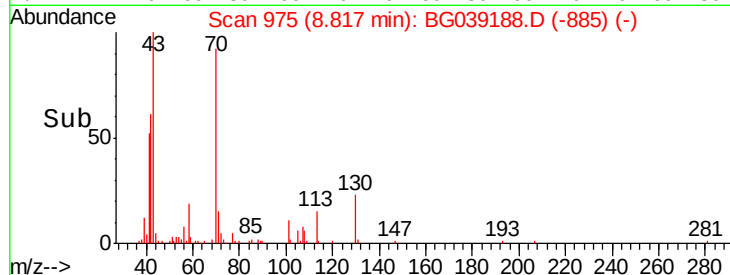
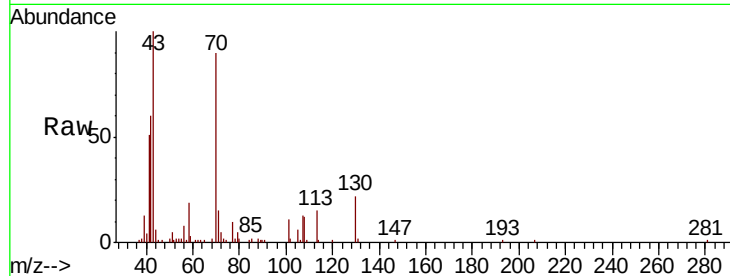
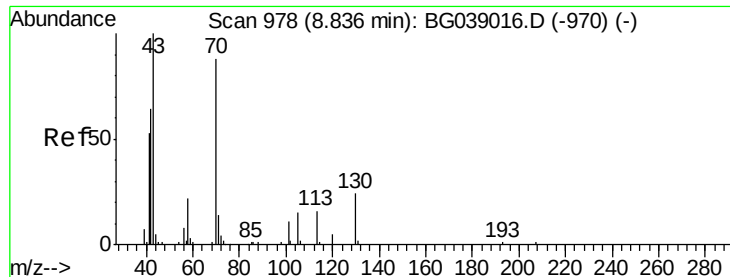
Sohil  
1/18/2019 11:24:01 AM



#18  
Hexachloroethane  
Concen: 39.867 ng  
RT: 9.09 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 22563 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.8  | 78.7  | 118.1 |
| 201      | 132.9 | 108.1 | 162.1 |





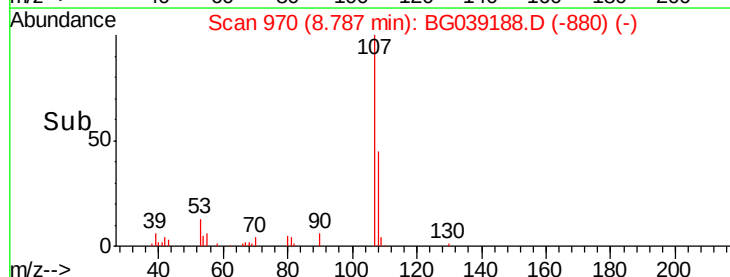
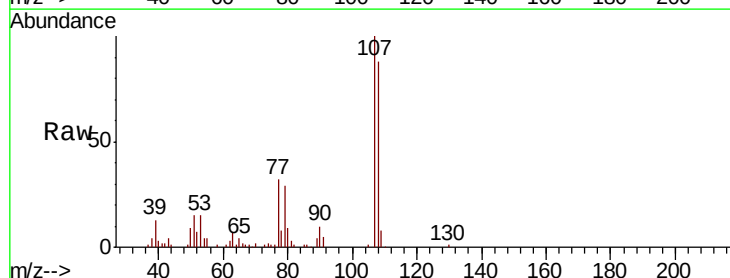
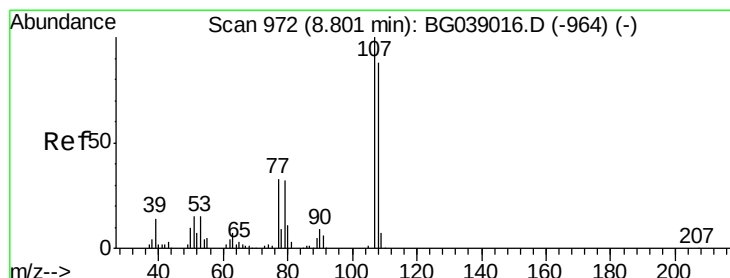
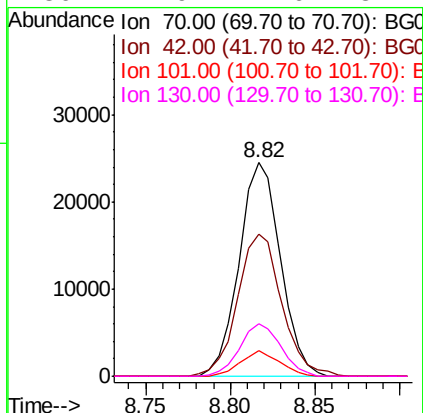
#19  
n-Nitroso-di-n-propylamine  
Concen: 37.938 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41756   | 70  | 100   |       |       |
|         | 42  | 66.7  | 59.0  | 88.4  |
|         | 101 | 11.8  | 10.4  | 15.6  |
|         | 130 | 24.9  | 21.6  | 32.4  |

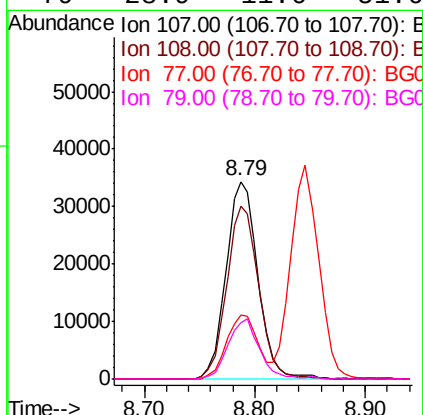
Manual Integrations  
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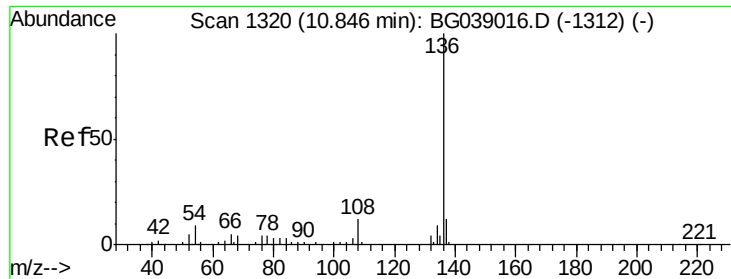
Sohil  
1/18/2019 11:24:01 AM



#20  
3+4-Methylphenols  
Concen: 41.544 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 69112   | 107 | 100   |       |       |
|         | 108 | 87.6  | 68.4  | 108.4 |
|         | 77  | 32.3  | 13.3  | 53.3  |
|         | 79  | 28.9  | 11.6  | 51.6  |





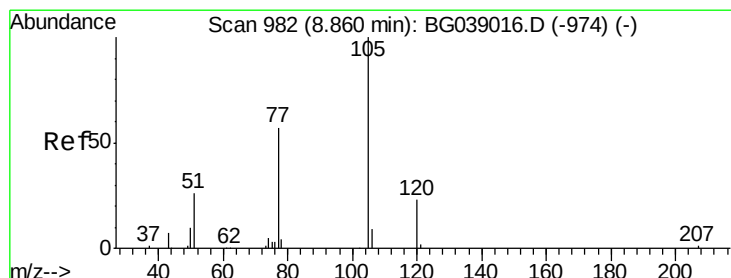
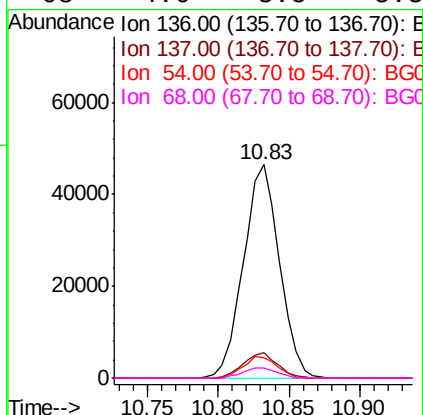
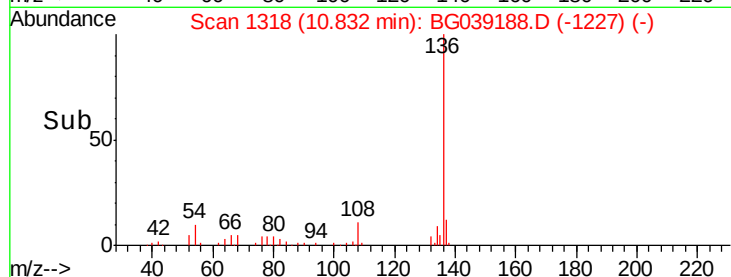
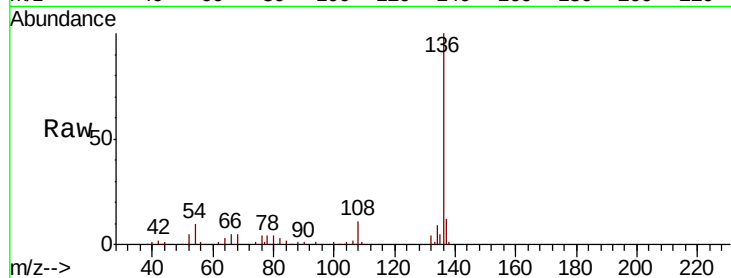
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 136     | 100   |       |       |
| 137     | 12.0  | 9.4   | 14.2  |
| 54      | 9.6   | 7.2   | 10.8  |
| 68      | 4.6   | 3.5   | 5.3   |

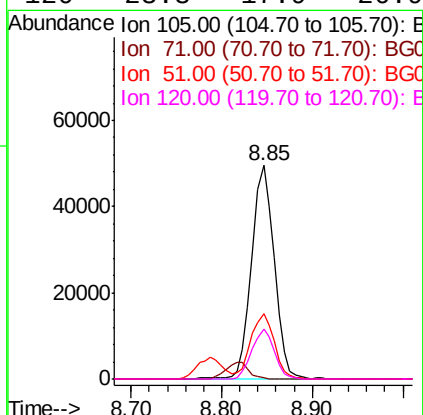
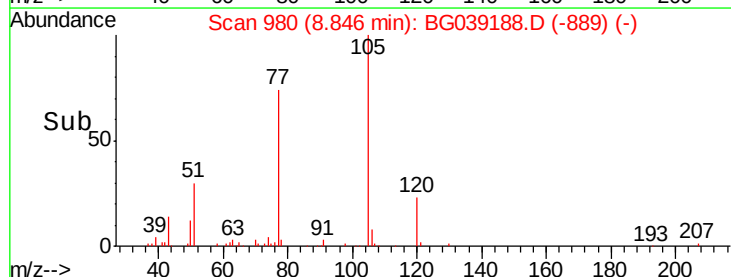
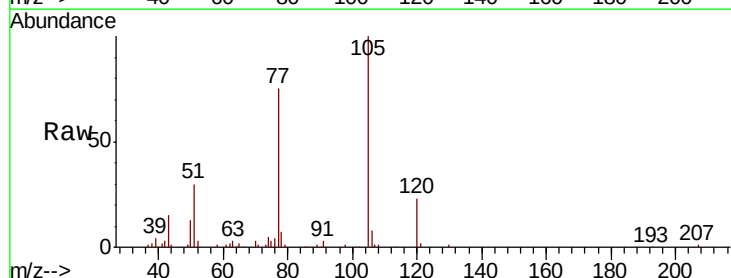
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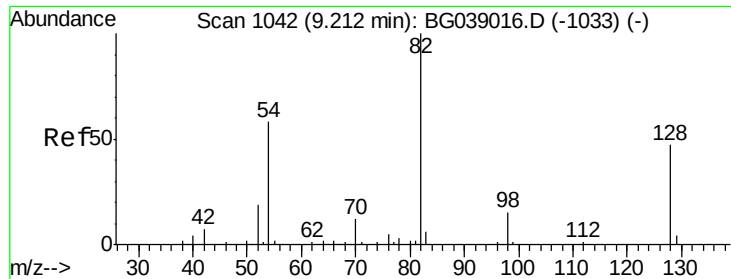
Sohil  
1/18/2019 11:24:01 AM



#22  
Acetophenone  
Concen: 39.738 ng  
RT: 8.85 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 71      | 0.6   | 0.6   | 1.0#  |
| 51      | 30.3  | 26.6  | 39.8  |
| 120     | 23.3  | 17.9  | 26.9  |





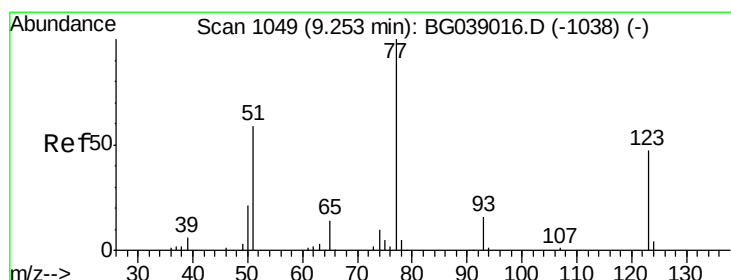
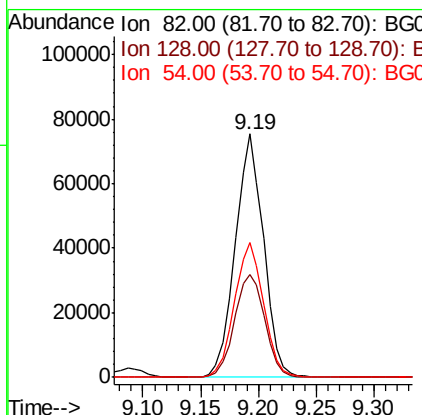
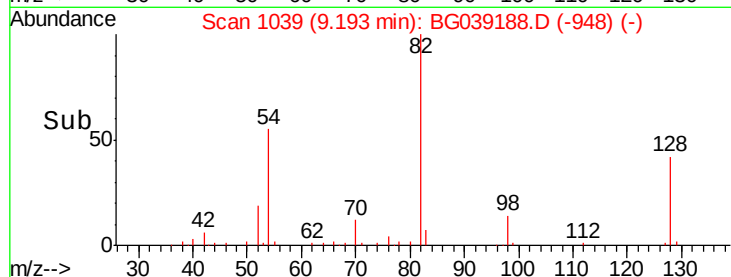
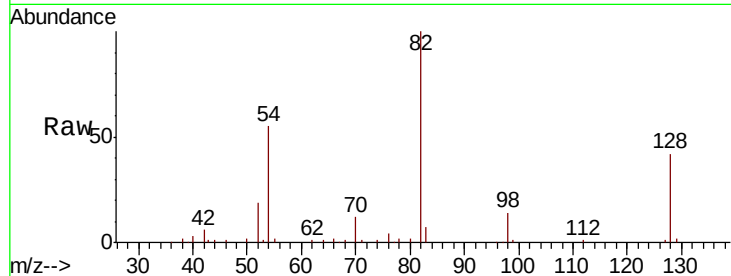
#23  
Nitrobenzene-d5  
Concen: 84.358 ng  
RT: 9.19 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampled :  
PB116414BS

| Tot Ion   | 82   | Resp  | 127802 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 128       | 42.2 | 37.3  | 55.9   |
| 54        | 55.1 | 46.4  | 69.6   |

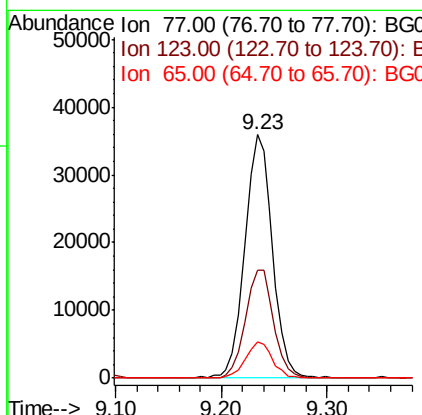
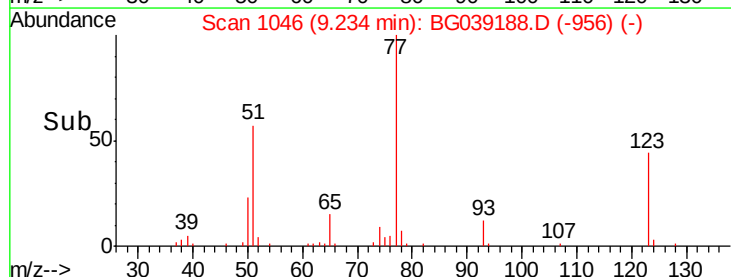
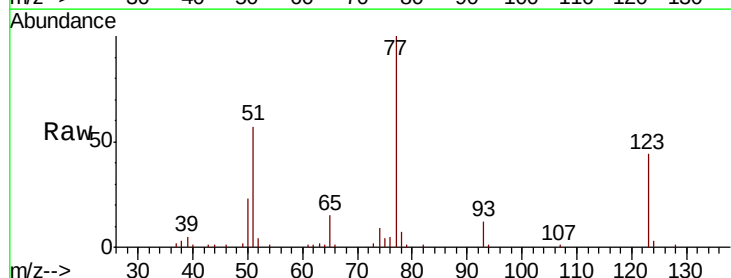
Manual Integrations  
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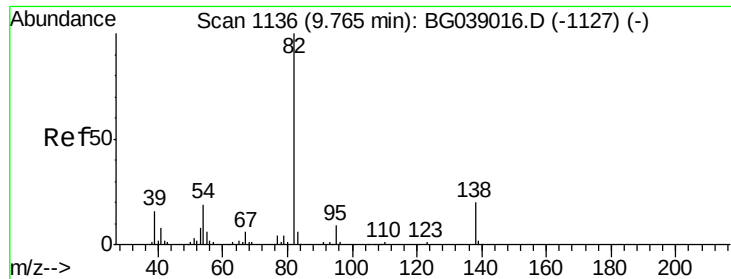


#24  
Nitrobenzene  
Concen: 42.461 ng  
RT: 9.23 min Scan# 1046  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion   | 77   | Resp  | 65021 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 77        | 100  |       |       |
| 123       | 44.5 | 37.6  | 56.4  |
| 65        | 14.7 | 11.0  | 16.6  |







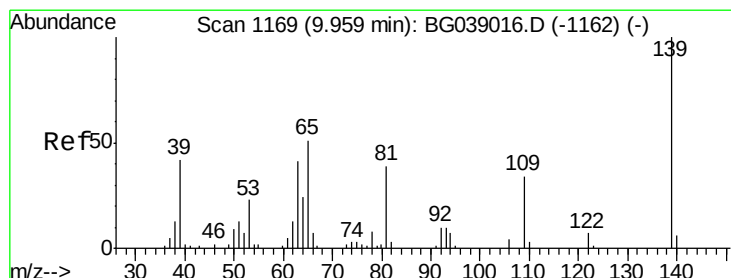
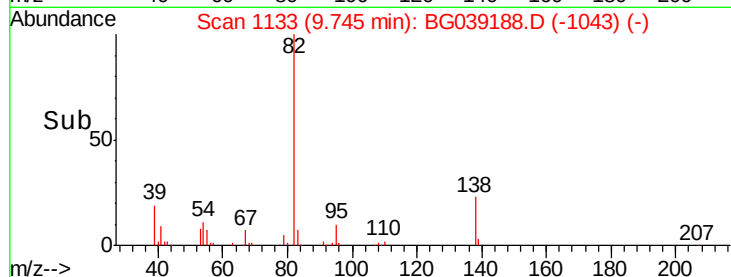
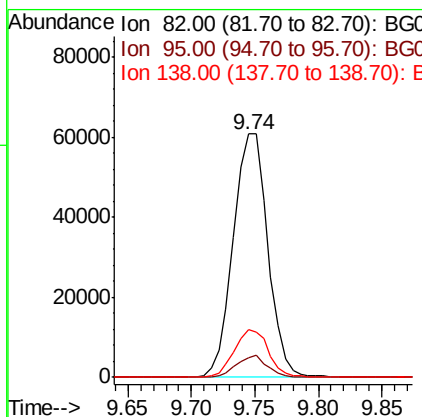
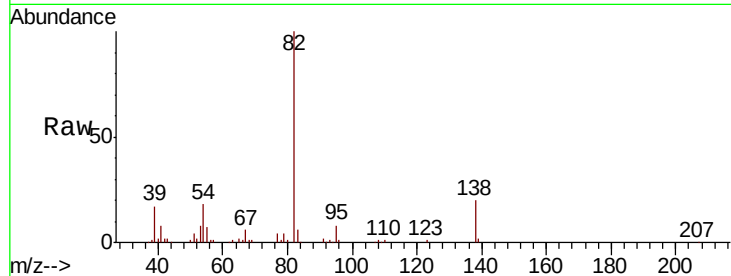
#25  
Isophorone  
Concen: 44.000 ng  
RT: 9.74 min Scan# 1133  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion   | 82   | Resp  | 114826 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 8.2  | 7.0   | 10.6   |
| 138       | 19.7 | 16.2  | 24.4   |

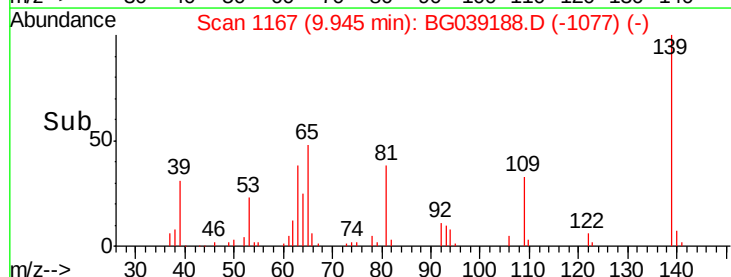
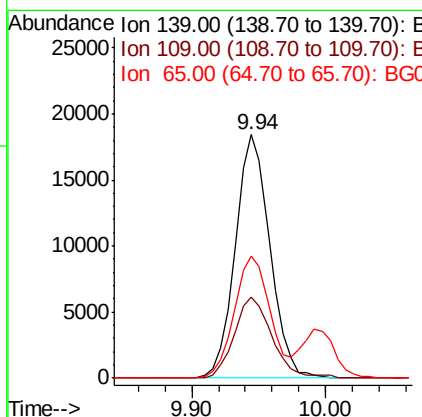
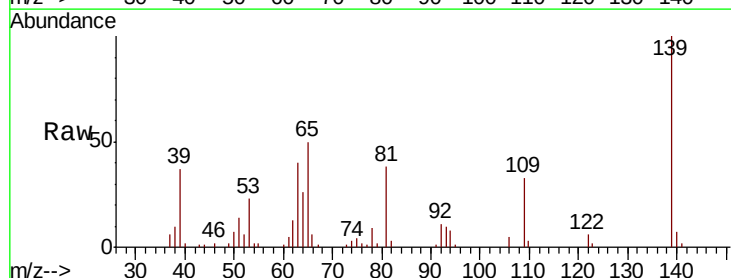
Manual Integrations  
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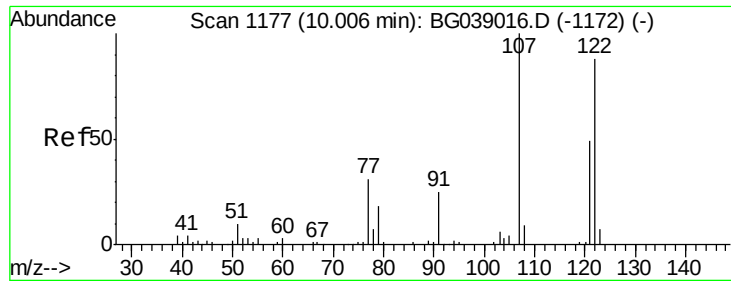
Sohil  
1/18/2019 11:24:01 AM



#26  
2-Nitrophenol  
Concen: 39.788 ng  
RT: 9.94 min Scan# 1167  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion   | 139  | Resp  | 32956 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 33.3 | 27.3  | 40.9  |
| 65        | 50.3 | 40.6  | 61.0  |





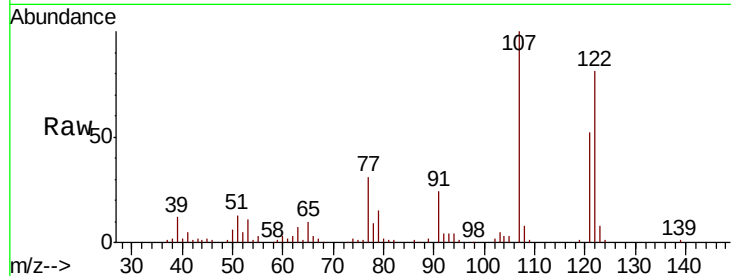
#27  
2,4-Dimethylphenol  
Concen: 47.837 ng  
RT: 9.99 min Scan# 1175  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleID :  
PB116414BS

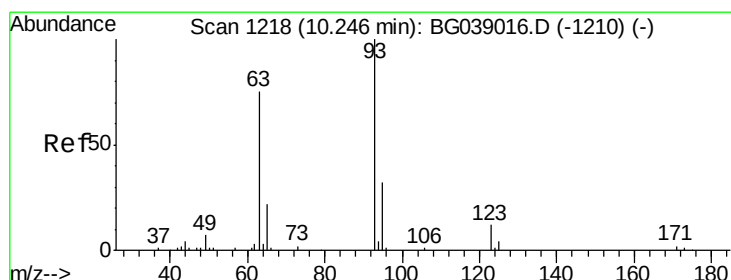
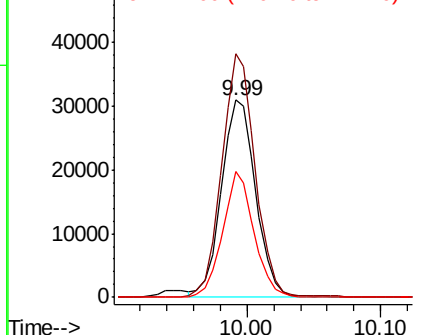
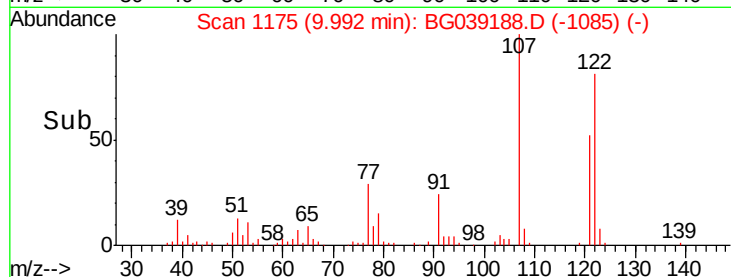
Tot Ion:122 Resp: 55744  
Ion Ratio Lower Upper  
122 100  
107 123.5 88.8 133.2  
121 64.0 43.1 64.7

Manual Integrations  
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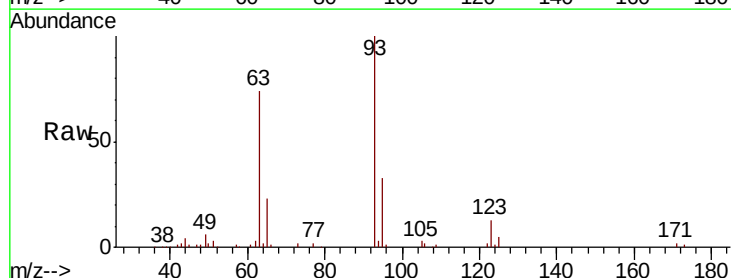


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

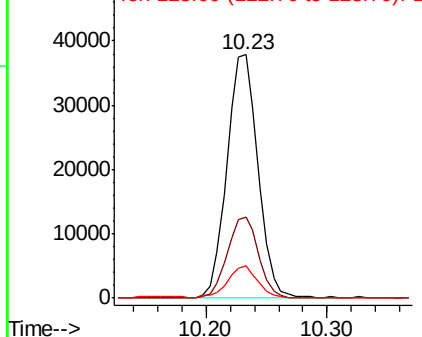
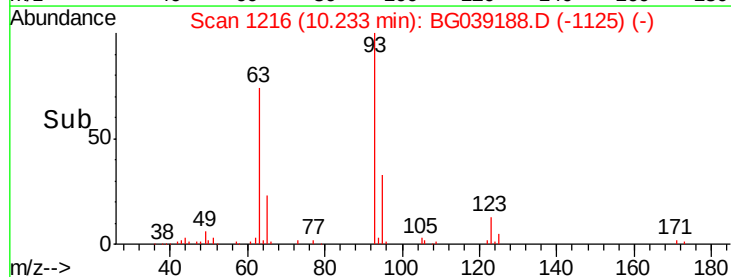


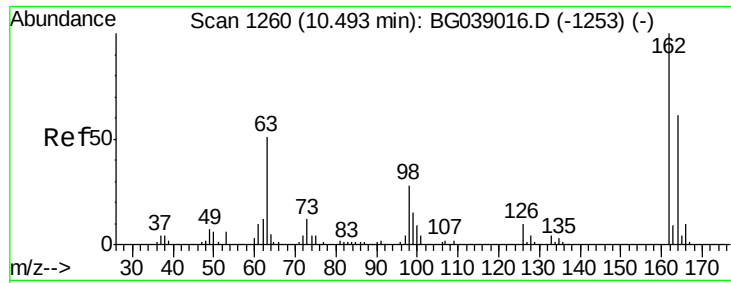
#28  
bis(2-Chloroethoxy)methane  
Concen: 43.165 ng  
RT: 10.23 min Scan# 1216  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Tgt Ion: 93 Resp: 67700  
Ion Ratio Lower Upper  
93 100  
95 33.5 25.6 38.4  
123 13.3 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





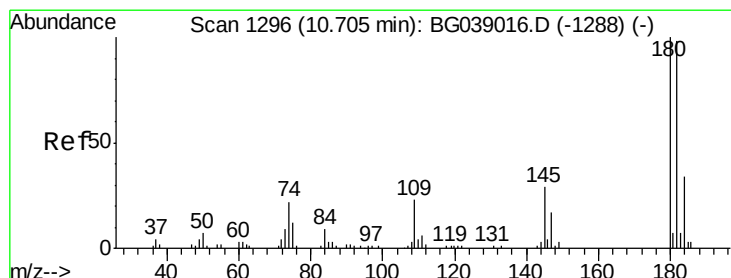
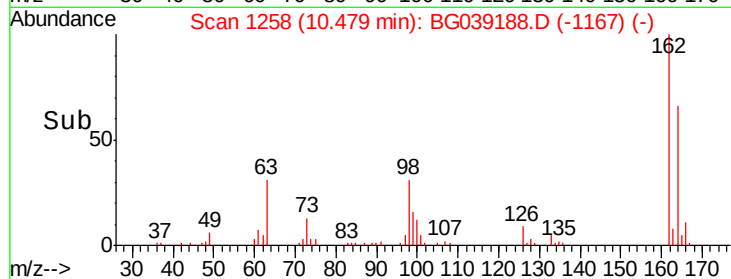
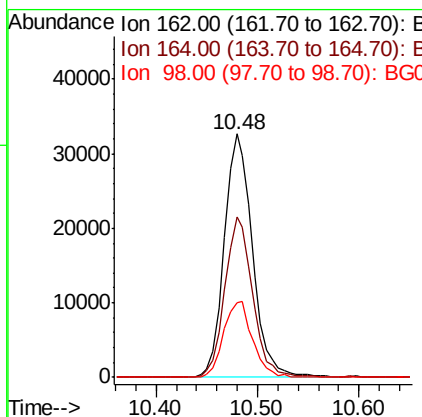
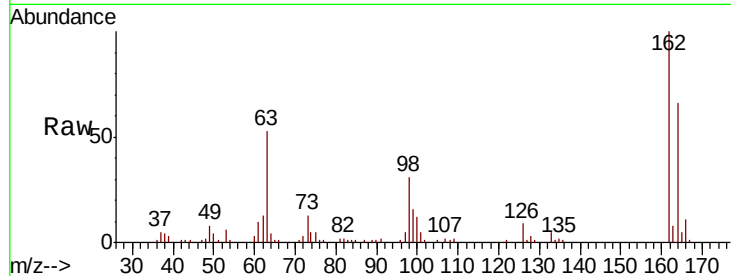
#29  
 2,4-Dichlorophenol  
 Concen: 43.427 ng  
 RT: 10.48 min Scan# 1258  
 Delta R.T. 0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.1  | 41.3  | 81.3  |
| 98      | 30.6  | 8.3   | 48.3  |

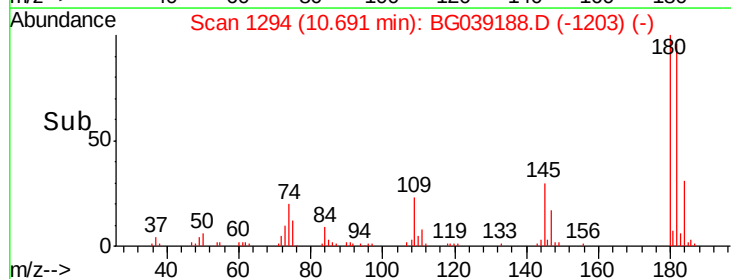
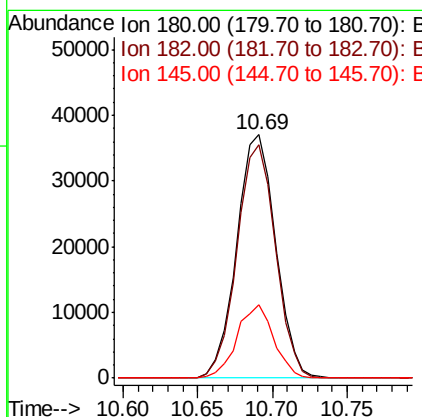
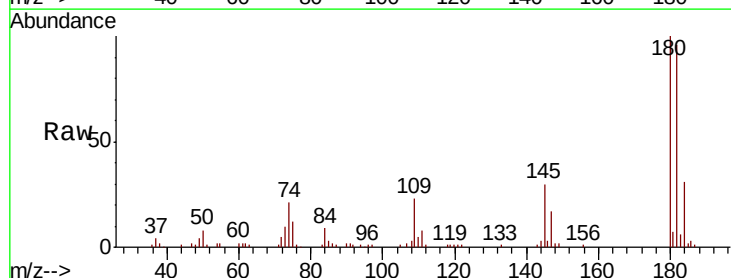
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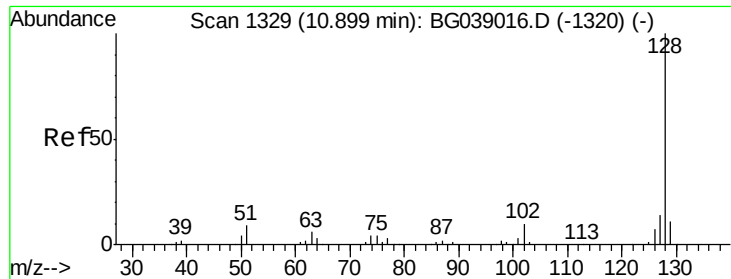
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 1/18/2019 11:24:01 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.505 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.9  | 78.1  | 117.1 |
| 145     | 30.1  | 23.1  | 34.7  |





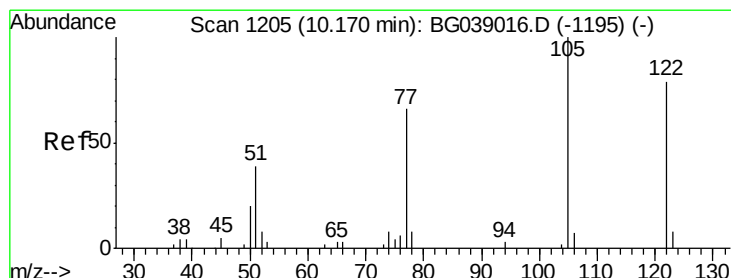
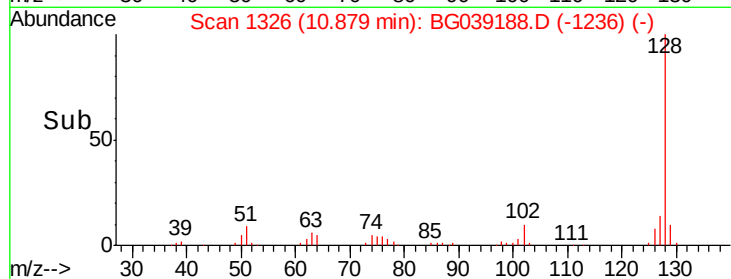
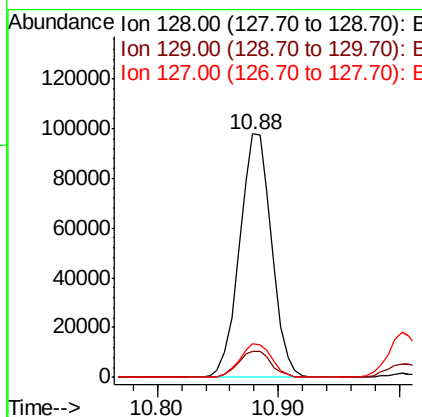
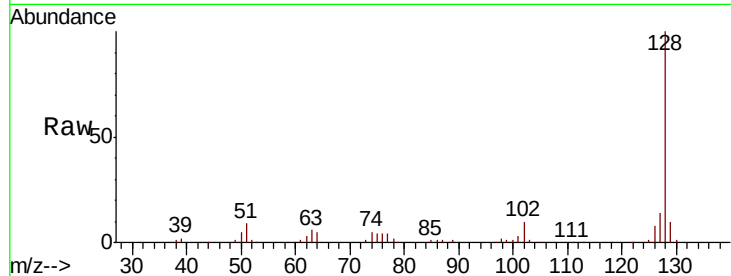
#31  
Naphthalene  
Concen: 43.391 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.4  | 9.1   | 13.7  |
| 127     | 13.6  | 11.2  | 16.8  |

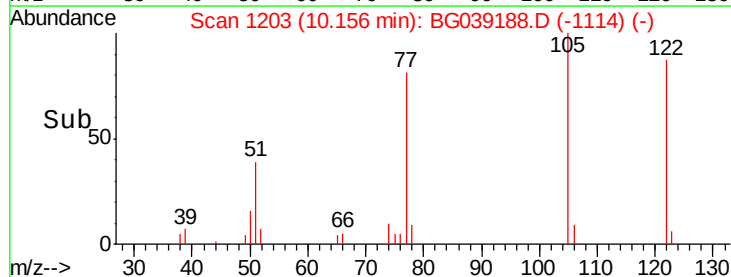
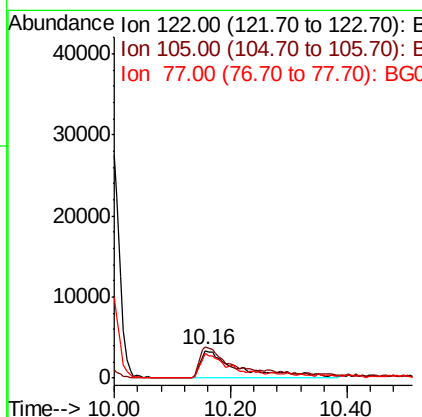
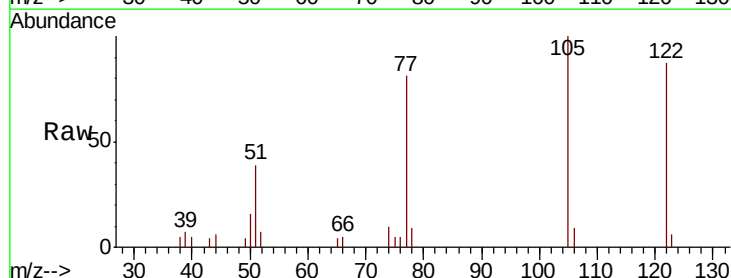
Manual Integrations  
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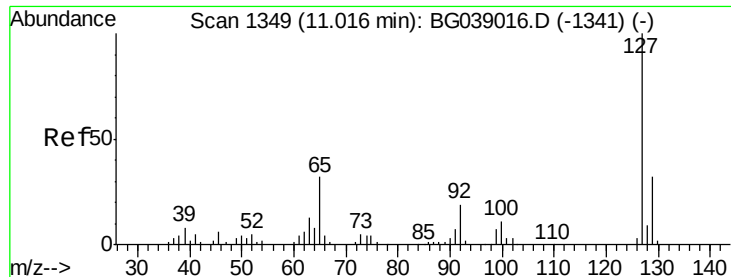
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#32  
Benzoic acid  
Concen: 27.387 ng m  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.5 | 106.4 | 146.4 |
| 77      | 92.5  | 63.6  | 103.6 |





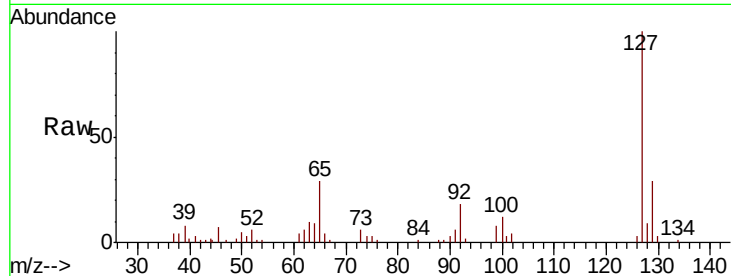
#33  
4-Chloroaniline  
Concen: 19.036 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.4  | 25.4  | 38.0  |
| 65      | 28.5  | 25.4  | 38.0  |
| 92      | 18.3  | 15.2  | 22.8  |

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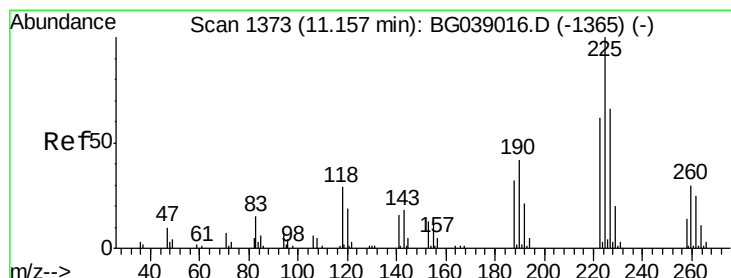
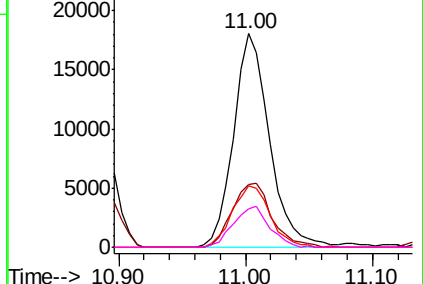
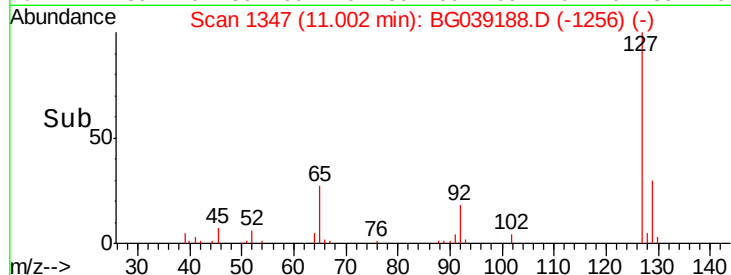
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

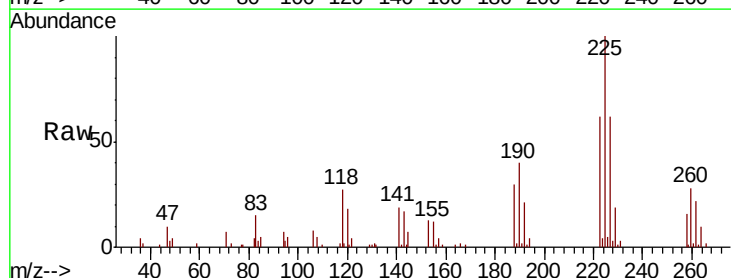
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 37.657 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.8  | 50.2  | 75.4  |
| 227     | 65.0  | 53.2  | 79.8  |

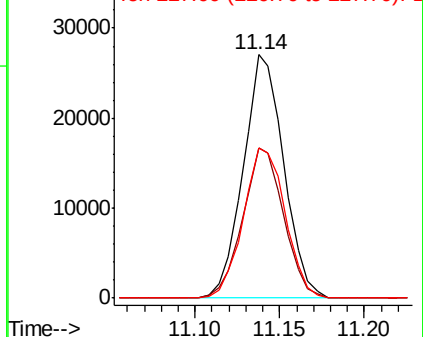
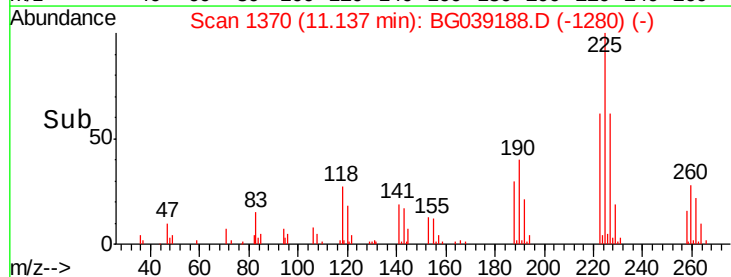


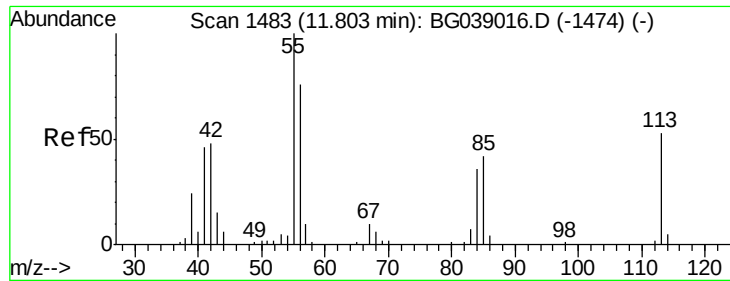
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.979 ng/mL

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

ClientSampleID :

PB116414BS

Tot Ion: 113 Resp: 19725

Ion Ratio Lower Upper

113 100

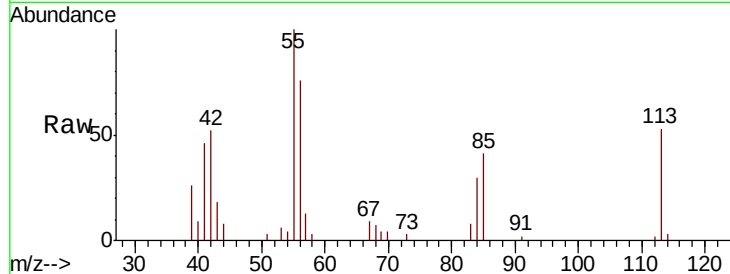
55 188.8 168.6 208.6

56 144.3 123.2 163.2

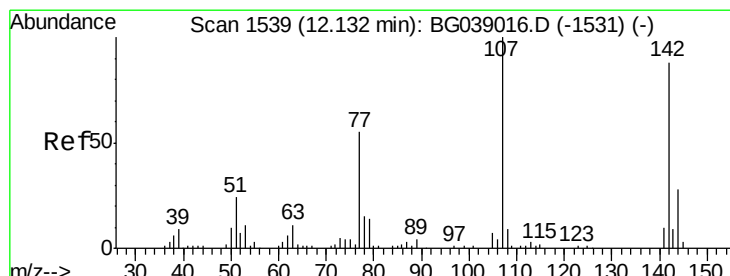
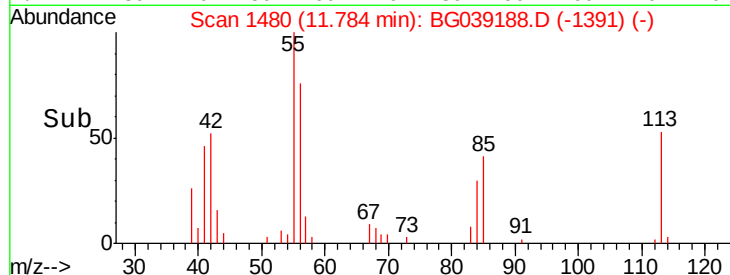
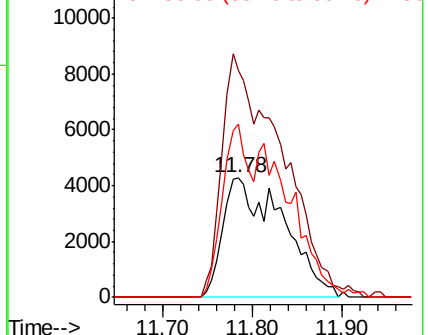
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Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 38.087 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

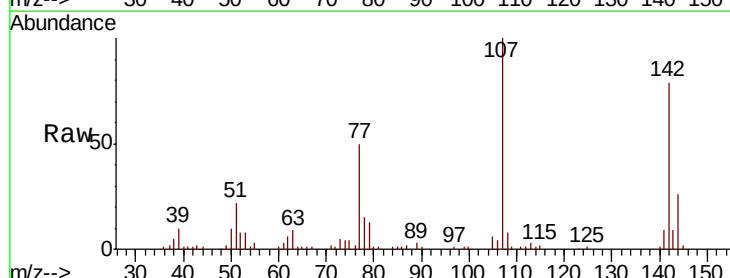
Tgt Ion: 107 Resp: 58973

Ion Ratio Lower Upper

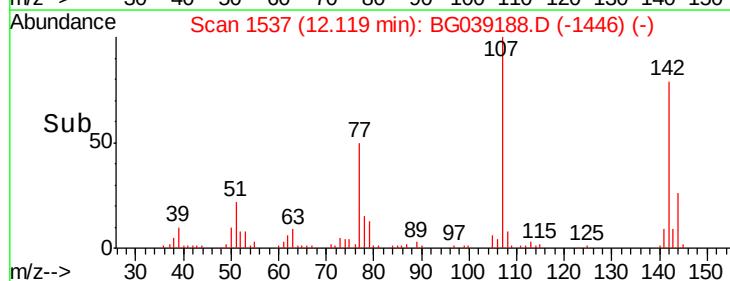
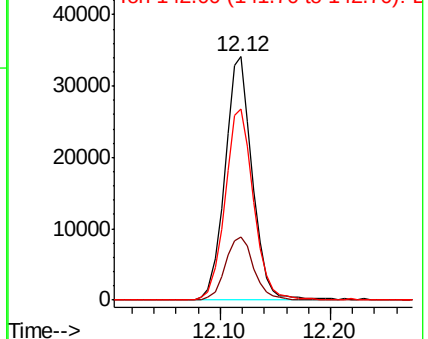
107 100

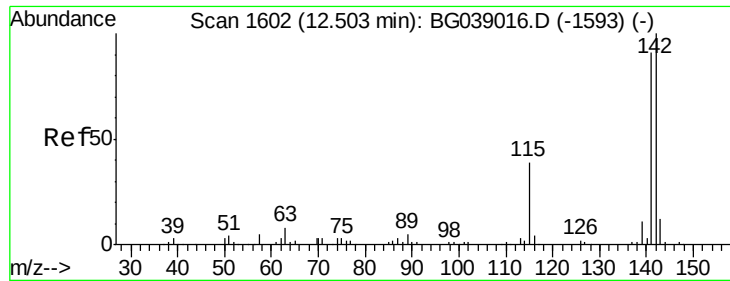
144 26.1 22.6 34.0

142 78.7 70.2 105.4



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





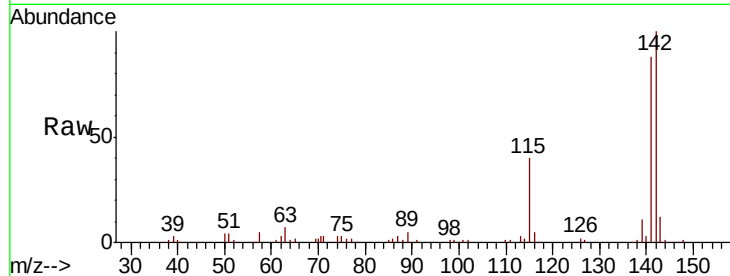
#37  
2-Methylnaphthalene  
Concen: 38.288 ng  
RT: 12.48 min Scan# 1599  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.4  | 72.6  | 109.0 |
| 115     | 39.8  | 31.1  | 46.7  |

Manual Integrations  
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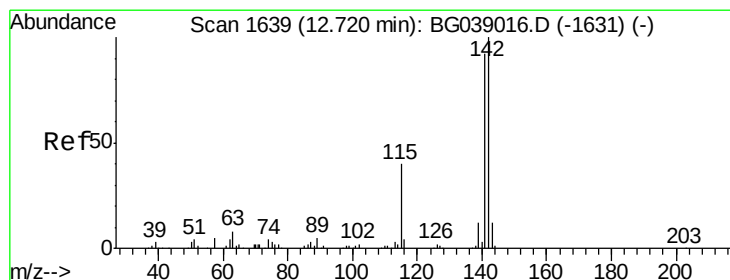
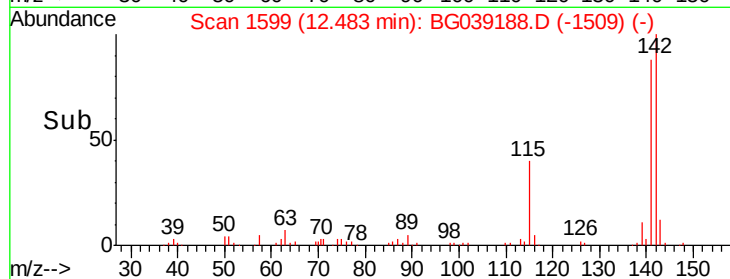
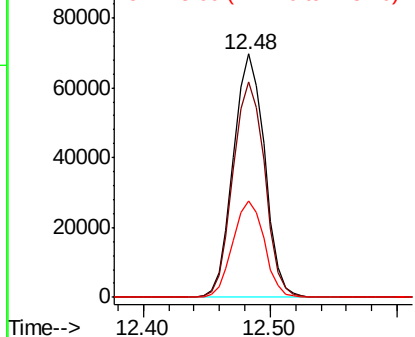


Abundance

Ion 142.00 (141.70 to 142.70): E

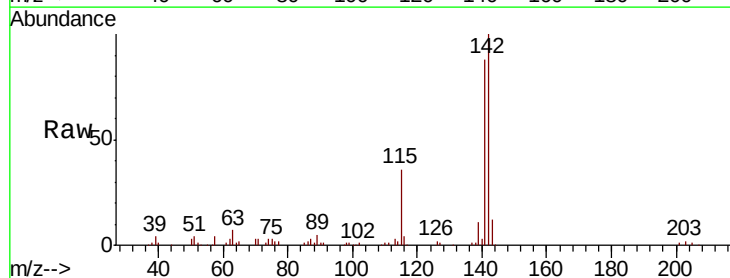
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 36.730 ng  
RT: 12.70 min Scan# 1636  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 73.3  | 109.9 |
| 116     | 4.2   | 3.1   | 4.7   |

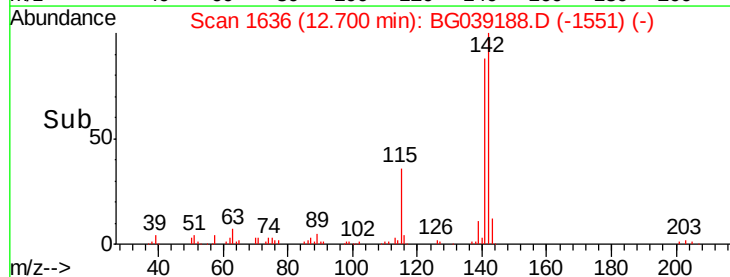
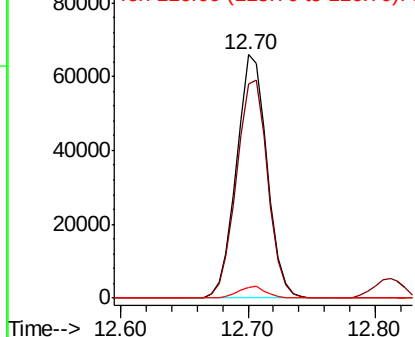


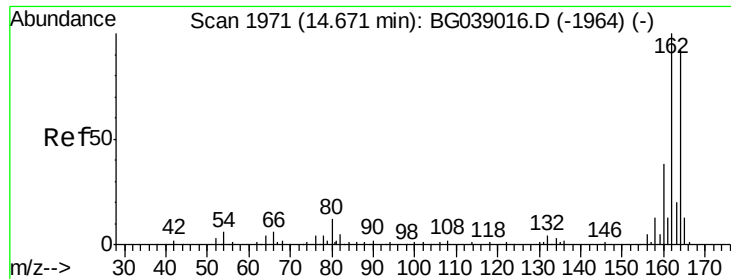
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

ClientSampleId :

PB116414BS

Tot Ion:164 Resp: 48735

Ion Ratio Lower Upper

164 100

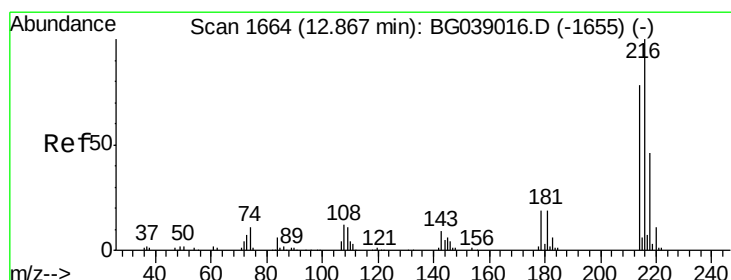
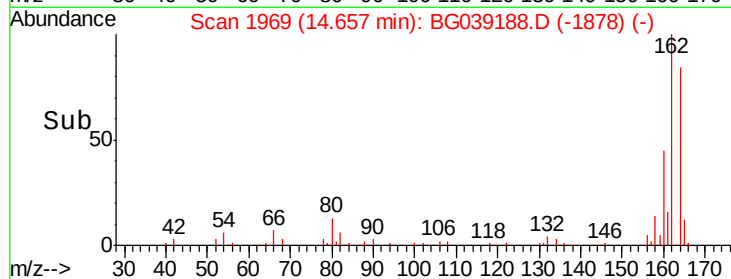
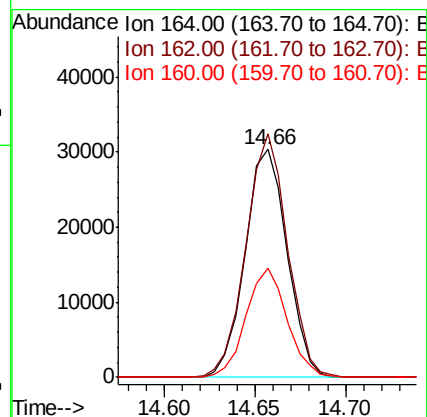
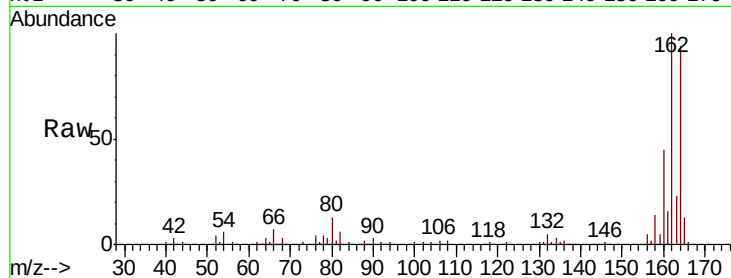
162 106.7 87.2 130.8

160 47.9 33.3 49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.438 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Tgt Ion:216 Resp: 72182

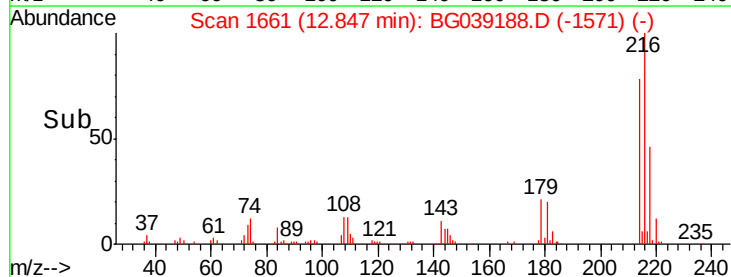
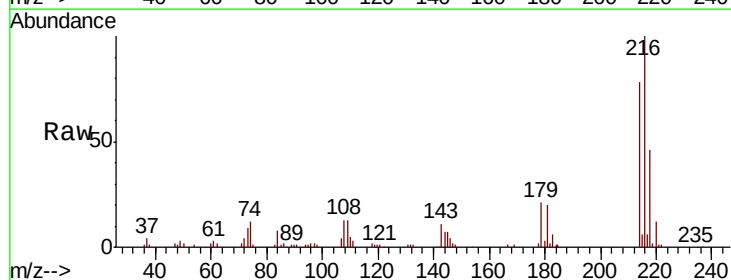
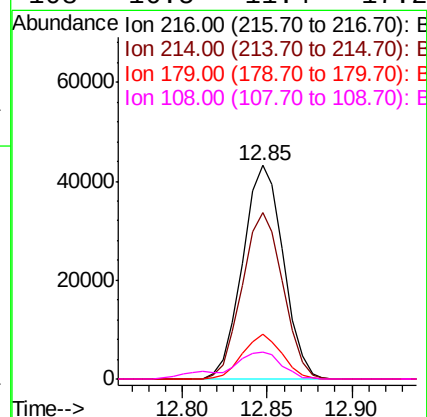
Ion Ratio Lower Upper

216 100

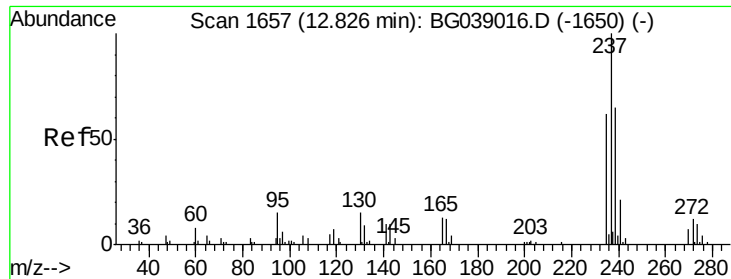
214 77.9 63.4 95.2

179 20.3 15.5 23.3

108 16.5 11.4 17.2







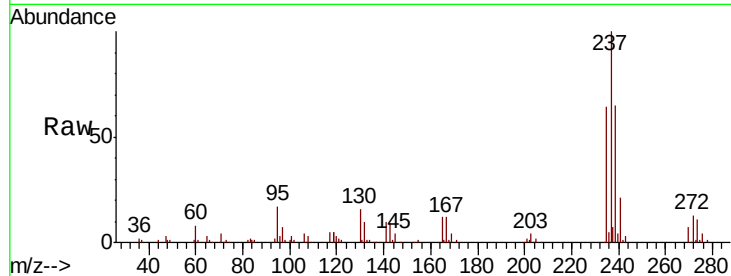
#41  
Hexachlorocyclopentadiene  
Concen: 81.525 ng  
RT: 12.81 min Scan# 1655  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

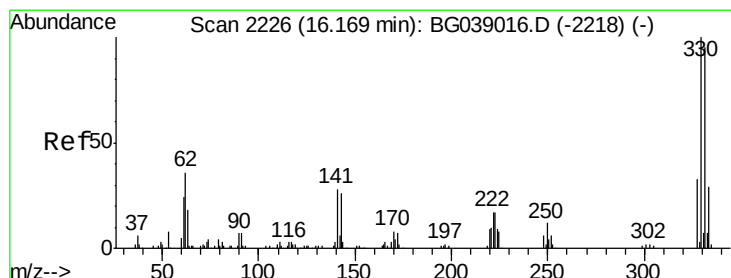
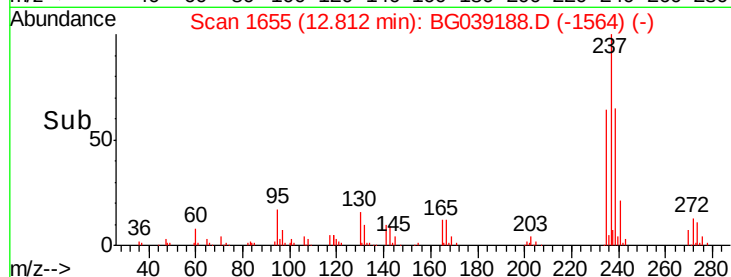
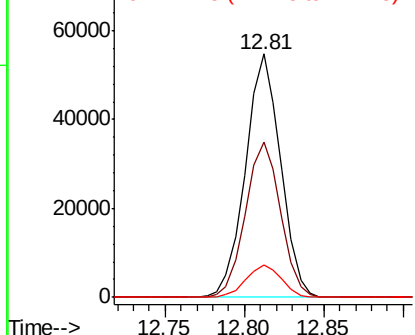
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.7  | 41.7  | 81.7  |
| 272     | 13.1  | 0.0   | 32.1  |

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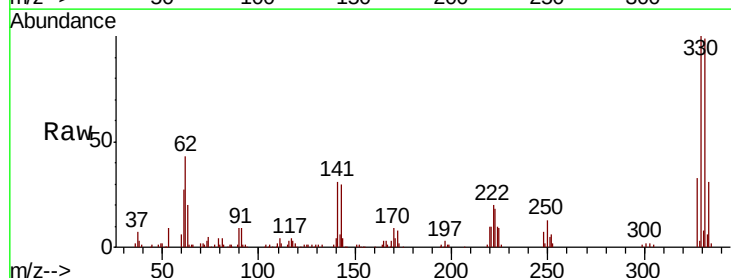


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

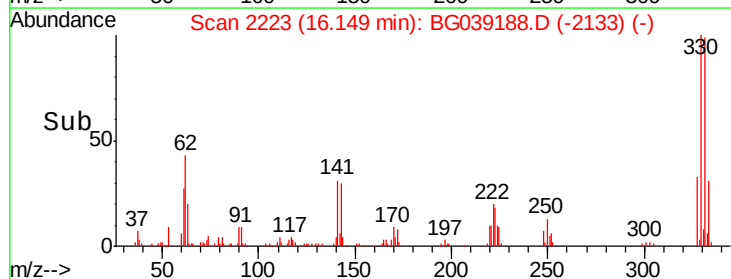
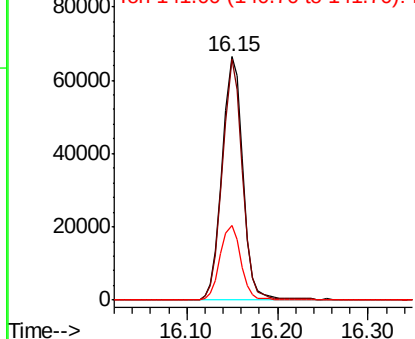


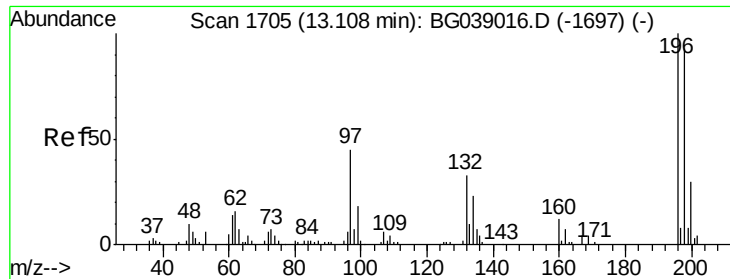
#42  
2,4,6-Tribromophenol  
Concen: 129.040 ng  
RT: 16.15 min Scan# 2223  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 94.6  | 75.7  | 113.5 |
| 141     | 30.5  | 24.9  | 37.3  |



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





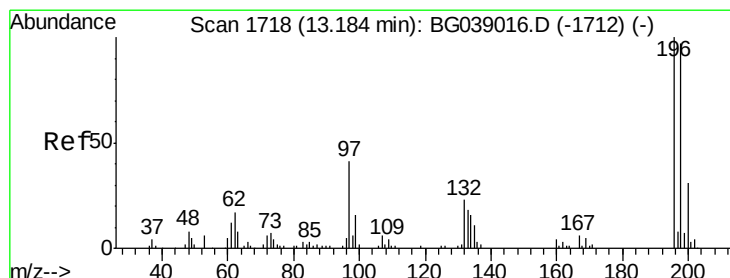
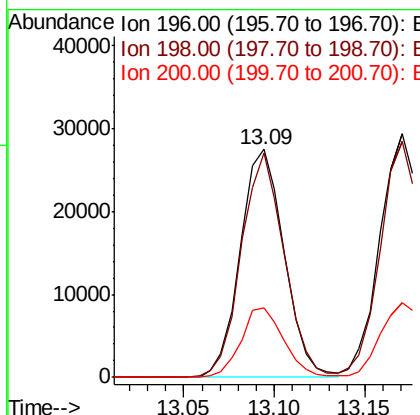
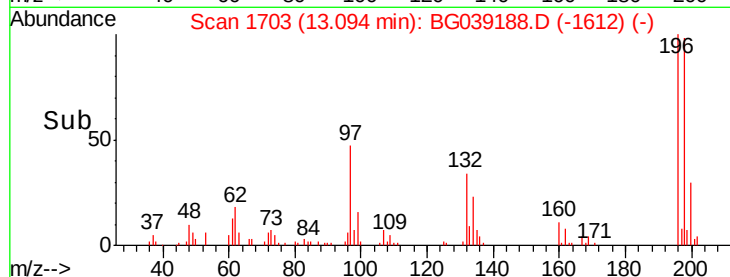
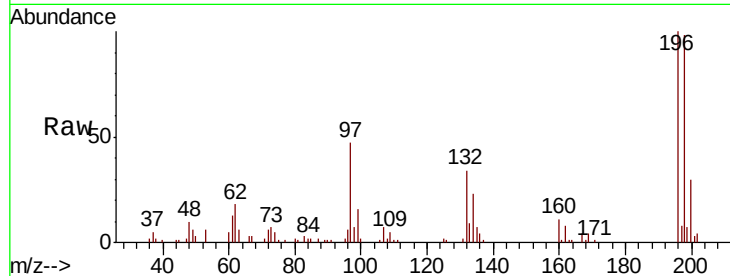
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.336 ng  
 RT: 13.09 min Scan# 1703  
 Delta R.T. 0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.1  | 74.5  | 111.7 |
| 200     | 30.2  | 23.8  | 35.6  |

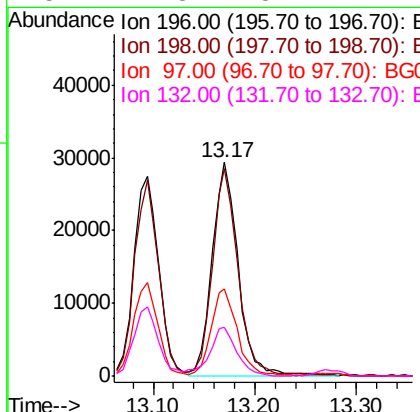
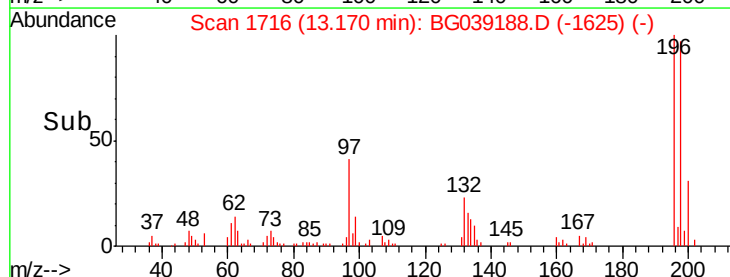
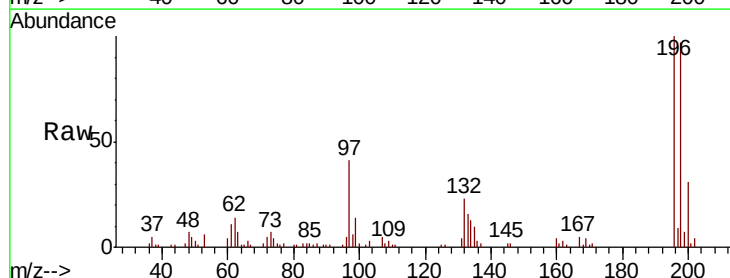
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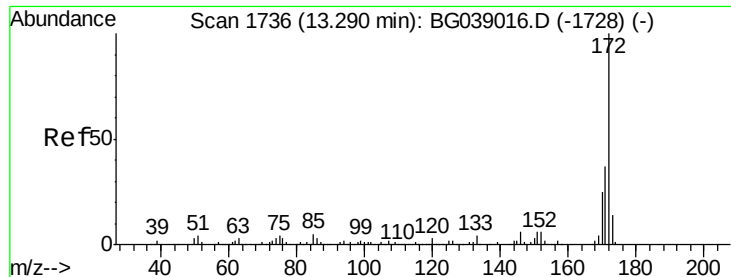
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#44  
 2,4,5-Trichlorophenol  
 Concen: 43.018 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. 0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 78.1  | 117.1 |
| 97      | 40.9  | 33.2  | 49.8  |
| 132     | 22.8  | 18.2  | 27.4  |





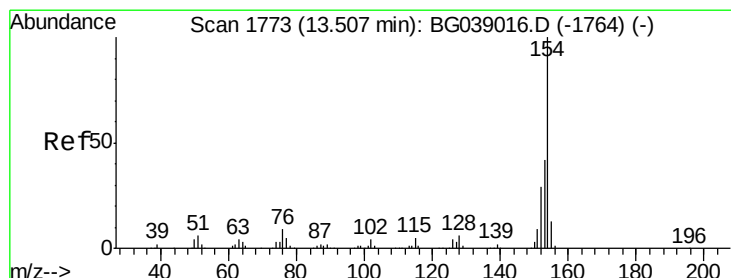
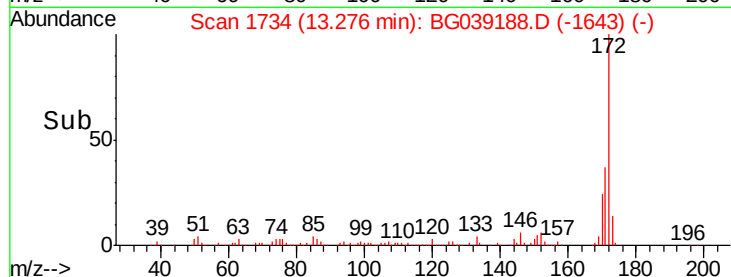
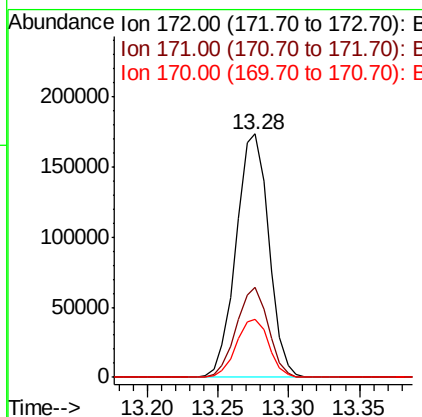
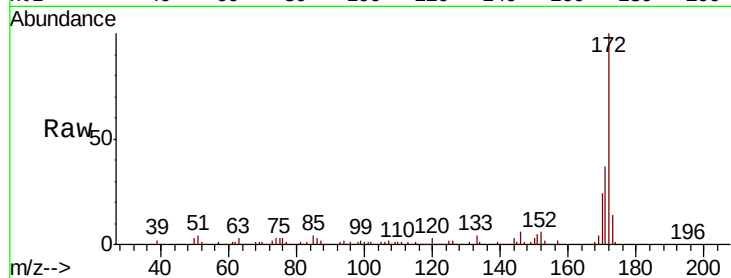
#45  
2-Fluorobiphenyl  
Concen: 78.799 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.2  | 29.4  | 44.0  |
| 170     | 24.0  | 20.1  | 30.1  |

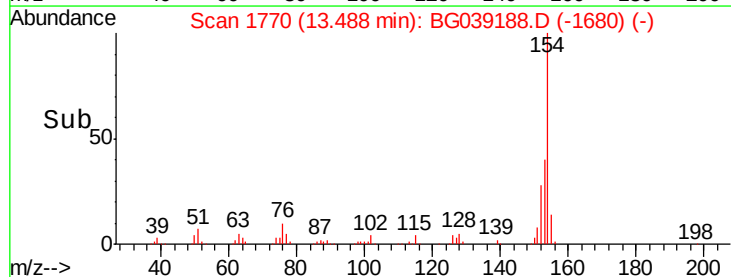
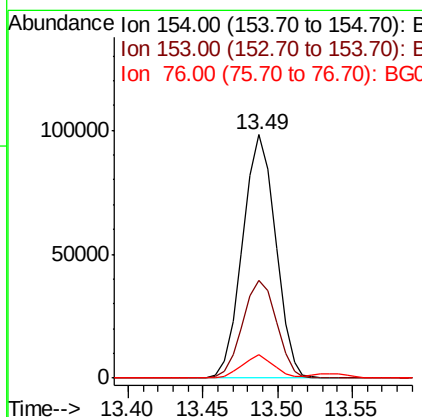
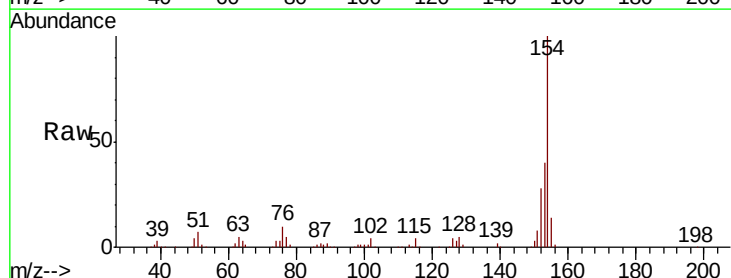
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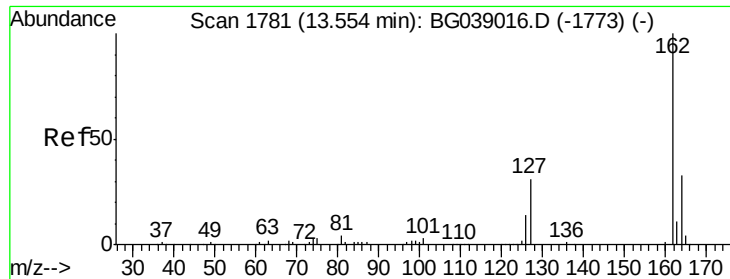
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#46  
1,1'-Biphenyl  
Concen: 39.067 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.4  | 22.4  | 62.4  |
| 76      | 9.7   | 0.0   | 29.4  |





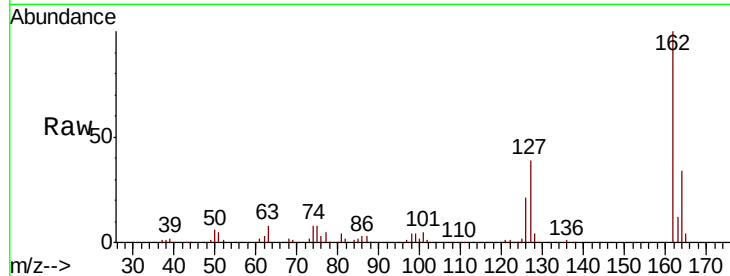
#47  
 2-Chloronaphthalene  
 Concen: 38.547 ng  
 RT: 13.53 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

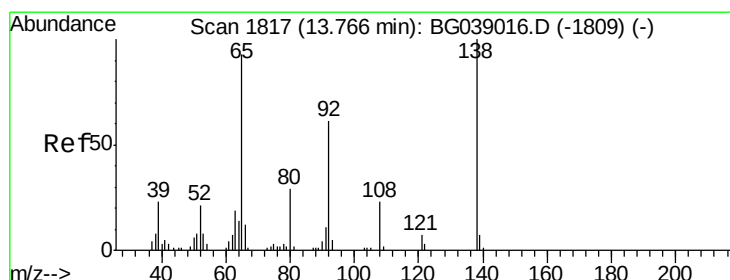
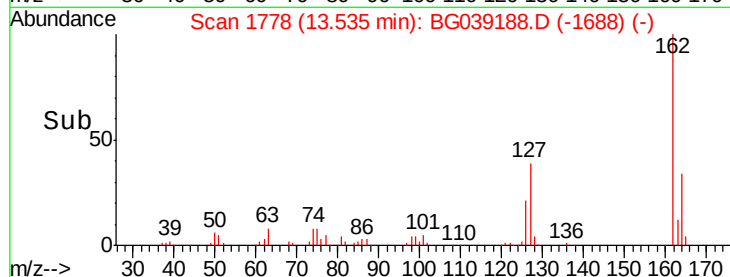
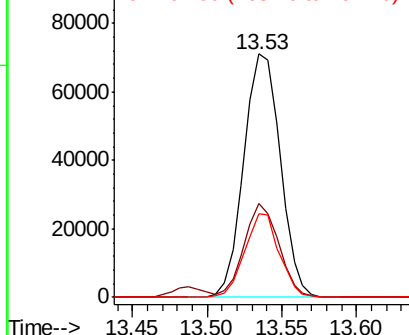
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.7  | 28.4  | 42.6  |
| 164     | 34.2  | 26.3  | 39.5  |

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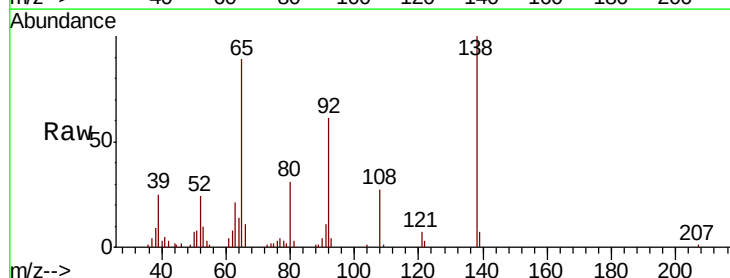


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

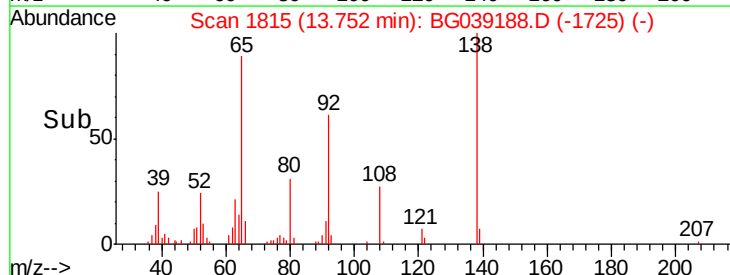
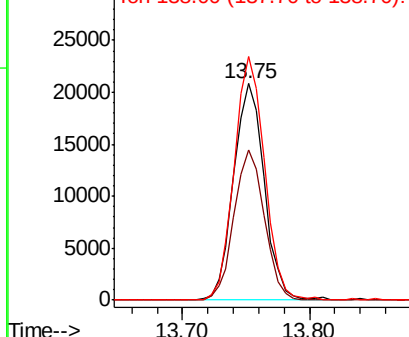


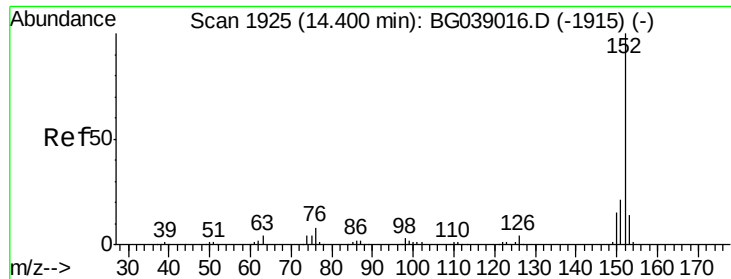
#48  
 2-Nitroaniline  
 Concen: 39.721 ng  
 RT: 13.75 min Scan# 1815  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.1  | 52.2  | 78.4  |
| 138     | 112.6 | 86.0  | 129.0 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.871 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

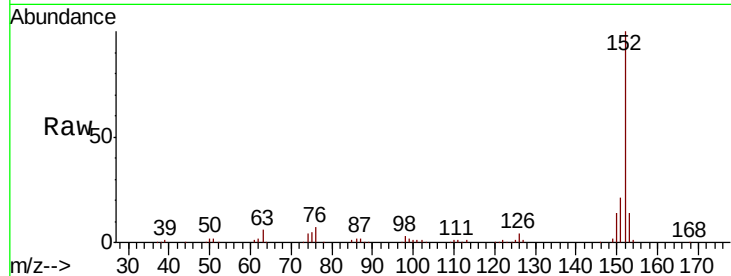
ClientSampleId :

PB116414BS

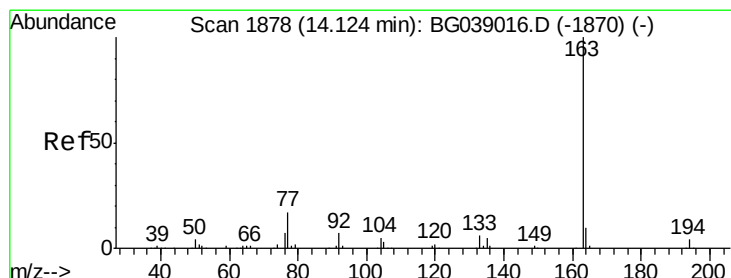
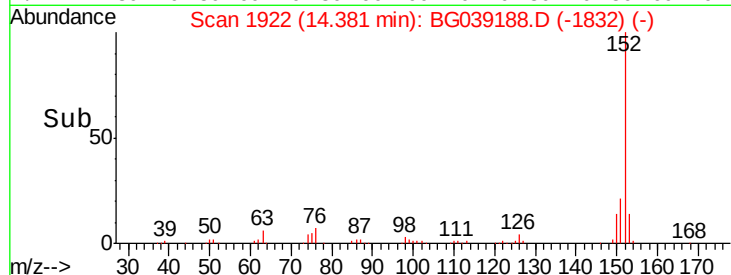
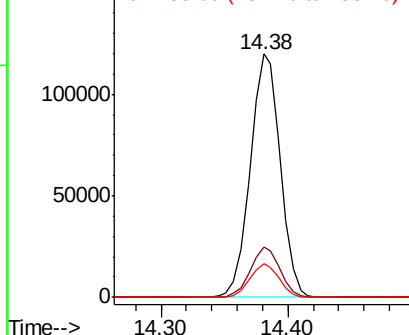
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 196669 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.9  | 17.0  | 25.4   |
| 153       | 13.9  | 11.2  | 16.8   |

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



#50

Dimethylphthalate

Concen: 39.926 ng

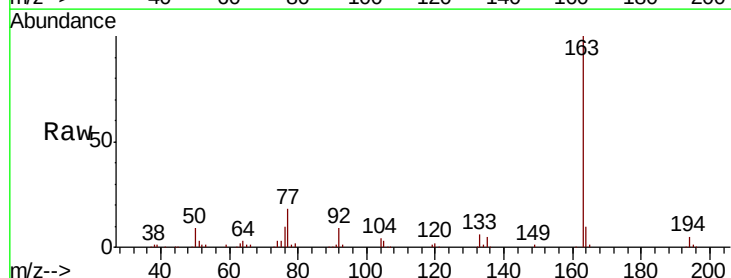
RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

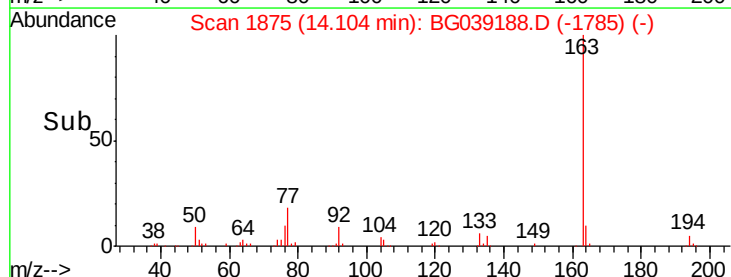
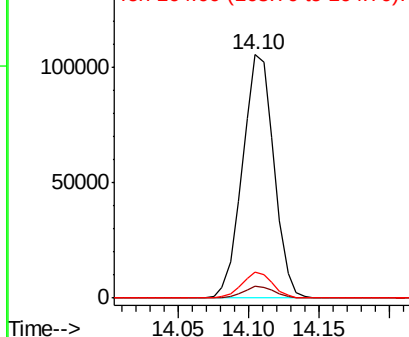
Lab File: BG039188.D

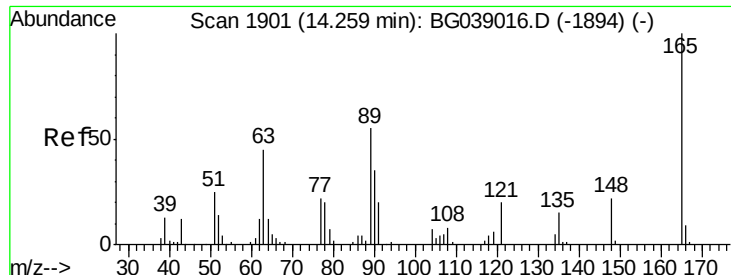
Acq: 17 Jan 2019 16:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 164430 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 5.0   | 3.6   | 5.4    |
| 164       | 10.5  | 8.2   | 12.2   |



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





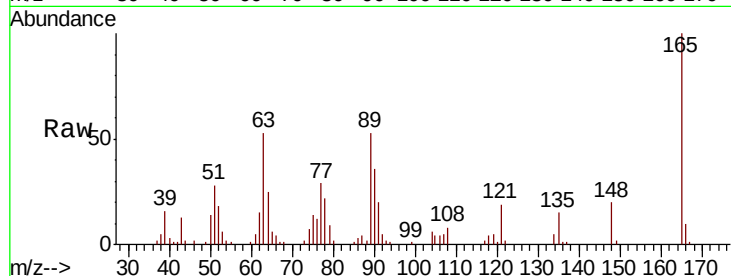
#51  
2,6-Dinitrotoluene  
Concen: 39.585 ng  
RT: 14.24 min Scan# 1898  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

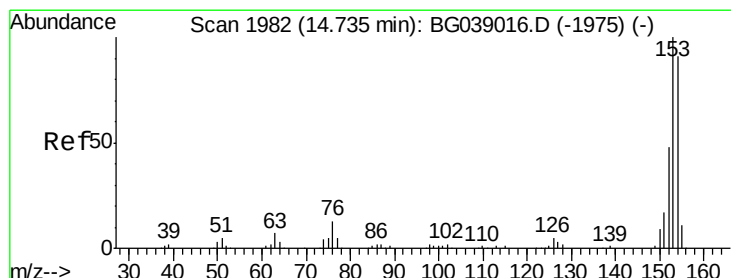
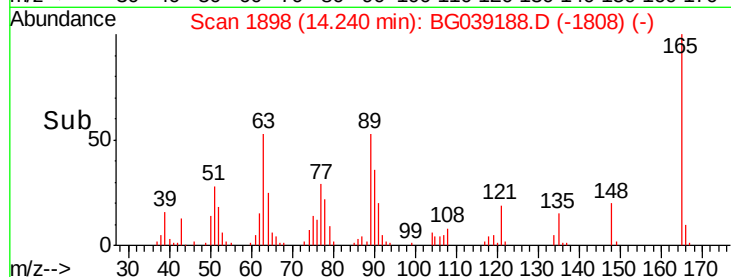
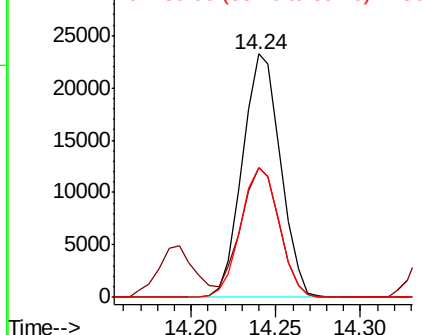
| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 165     | 100  |       | 36448 |       |       |
| 63      | 53.5 | 43.6  | 65.4  |       |       |
| 89      | 53.0 | 43.7  | 65.5  |       |       |

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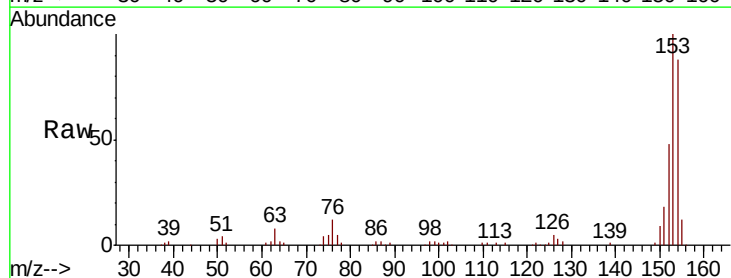


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG

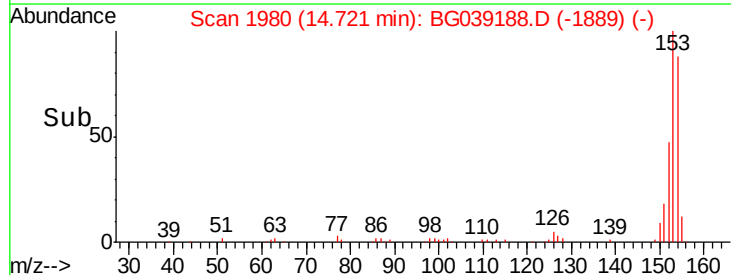
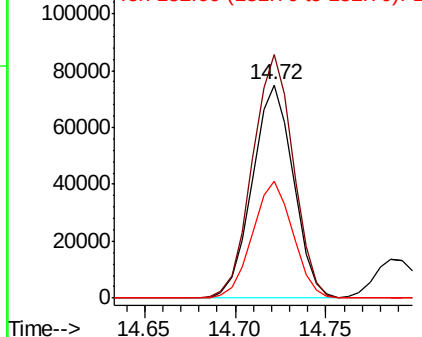


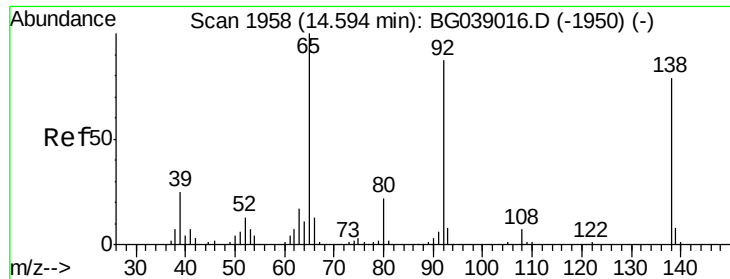
#52  
Acenaphthene  
Concen: 41.749 ng  
RT: 14.72 min Scan# 1980  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 154     | 100   |       | 117819 |       |       |
| 153     | 114.2 | 87.9  | 131.9  |       |       |
| 152     | 54.9  | 42.2  | 63.2   |       |       |



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





#53

3-Nitroaniline

Concen: 26.045 ng

RT: 14.58 min Scan# 1956

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

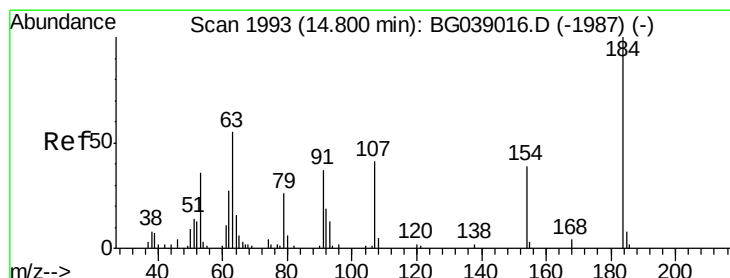
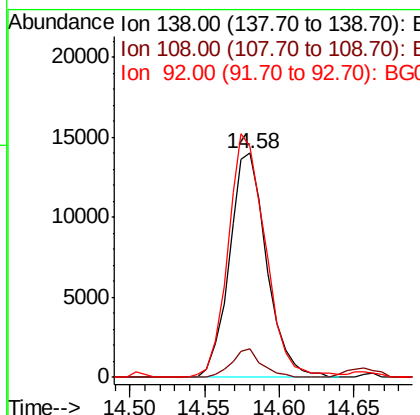
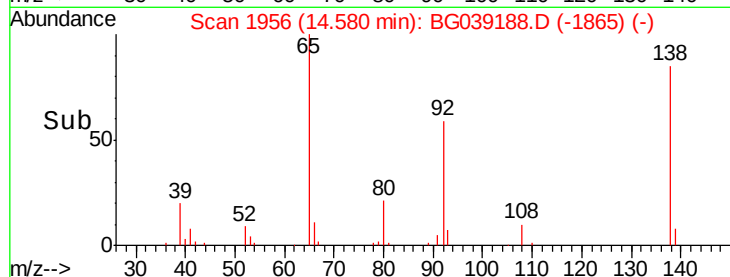
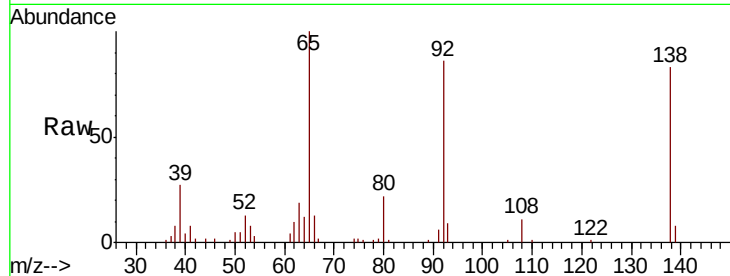
ClientSampleId :

PB116414BS

Tot Ion:138 Resp: 24327  
 Ion Ratio Lower Upper  
 138 100  
 108 13.0 7.4 11.0#  
 92 103.1 88.2 132.4

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#54

2,4-Dinitrophenol

Concen: 75.540 ng

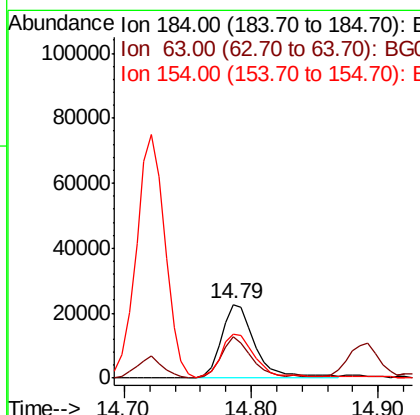
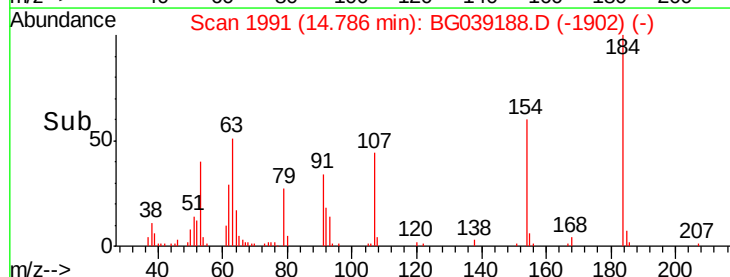
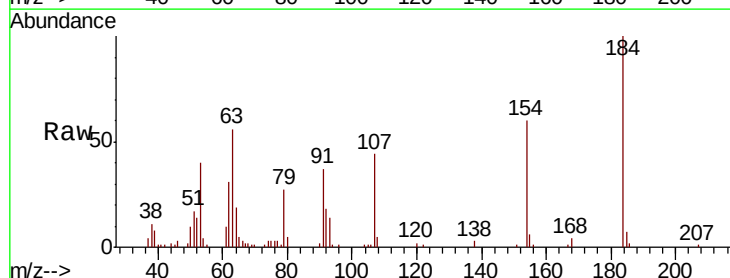
RT: 14.79 min Scan# 1991

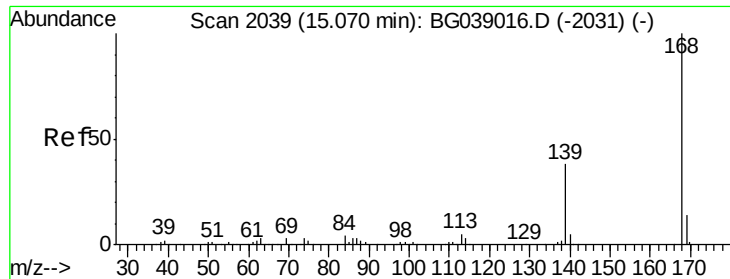
Delta R.T. -0.01 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Tgt Ion:184 Resp: 41407  
 Ion Ratio Lower Upper  
 184 100  
 63 55.6 44.0 66.0  
 154 60.2 46.1 69.1





#55

Dibenzenofuran

Concen: 39.662 ng

RT: 15.06 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

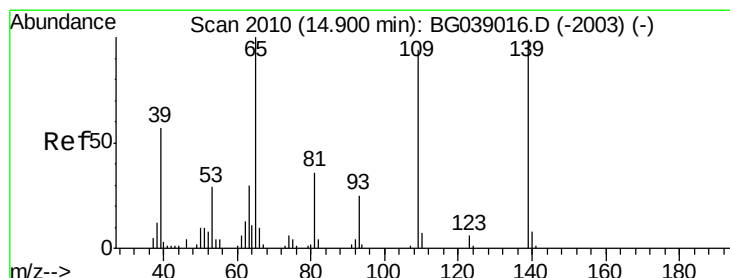
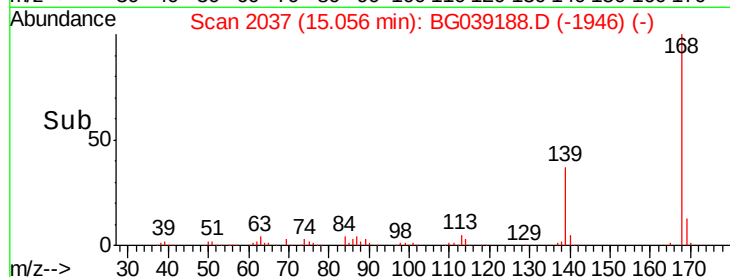
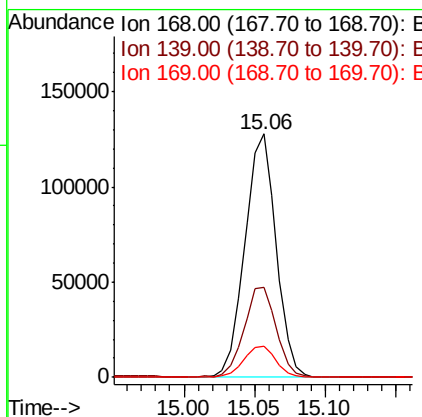
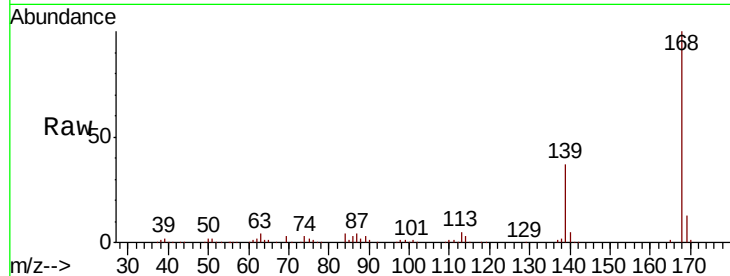
ClientSampleId :

PB116414BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 168   | Resp: | 197681 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 37.2  | 30.1  | 45.1   |
| 169       | 12.8  | 10.9  | 16.3   |

Manual Integrations  
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#56

4-Nitrophenol

Concen: 85.043 ng

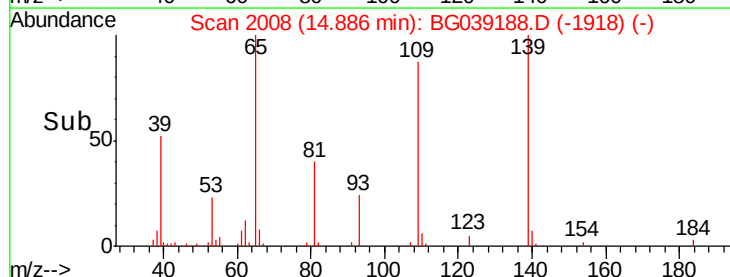
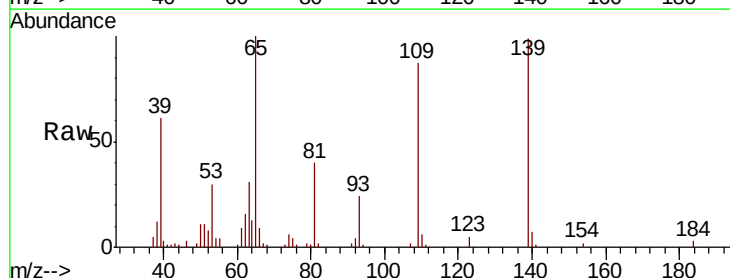
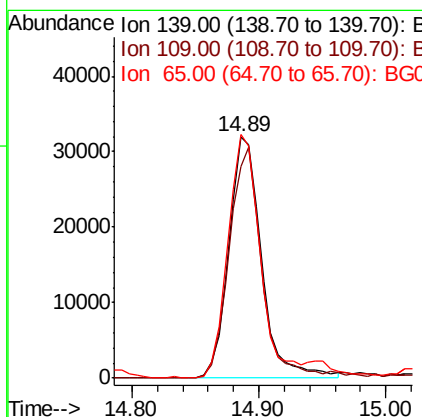
RT: 14.89 min Scan# 2008

Delta R.T. -0.00 min

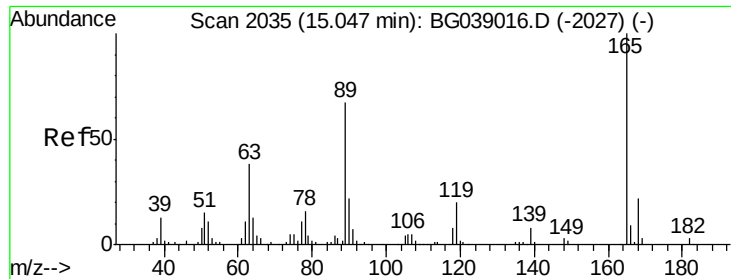
Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 57155 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 87.5  | 75.6  | 115.6 |
| 65        | 100.8 | 81.2  | 121.2 |







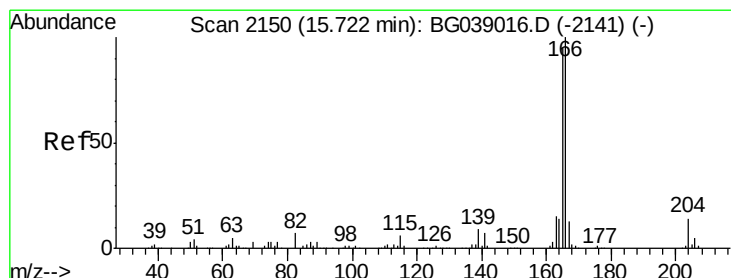
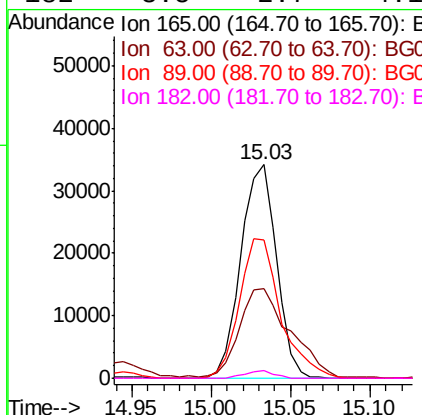
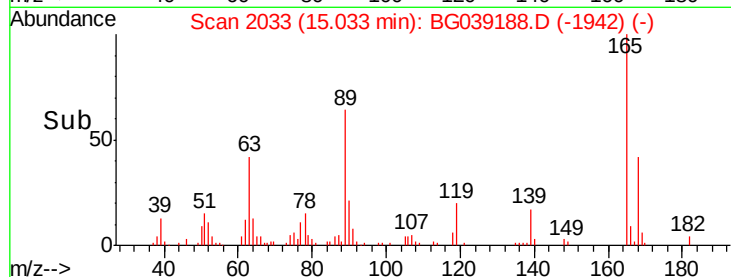
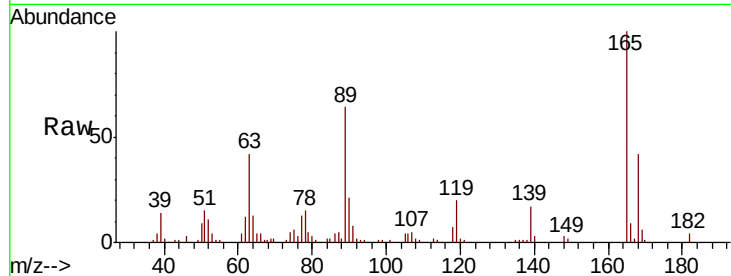
#57  
2,4-Dinitrotoluene  
Concen: 40.458 ng  
RT: 15.03 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 53444 |       |       |
| 63      | 42.1  |       | 30.2  | 45.4  |
| 89      | 64.5  |       | 53.2  | 79.8  |
| 182     | 3.5   |       | 2.7   | 4.1   |

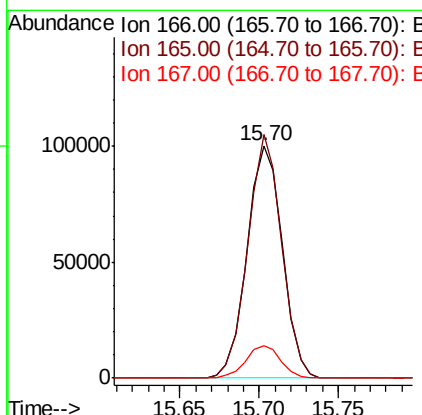
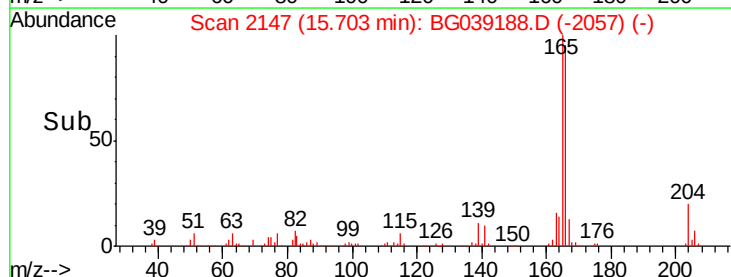
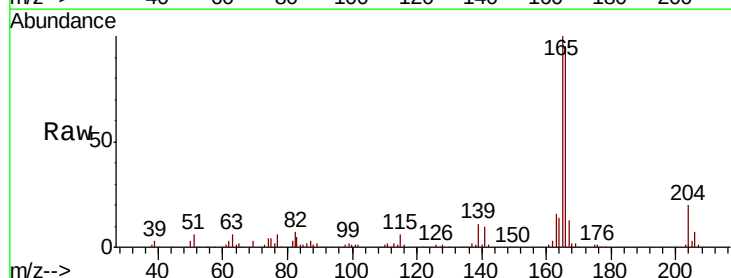
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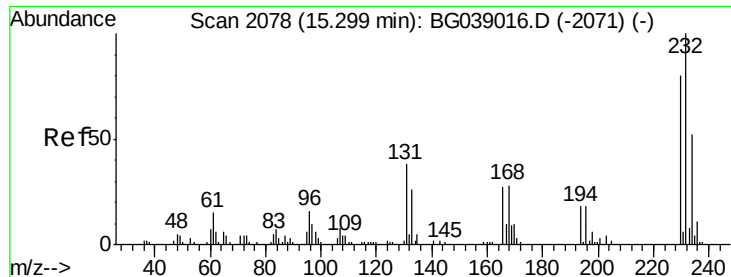
Sohil  
1/18/2019 11:24:01 AM



#58  
Fluorene  
Concen: 41.226 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 154665 |       |       |
| 165     | 104.9 |        | 76.2  | 114.2 |
| 167     | 13.9  |        | 10.6  | 16.0  |





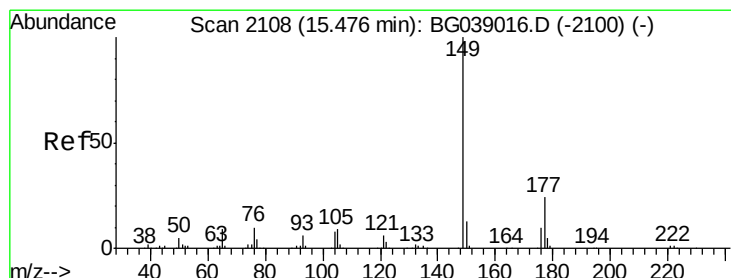
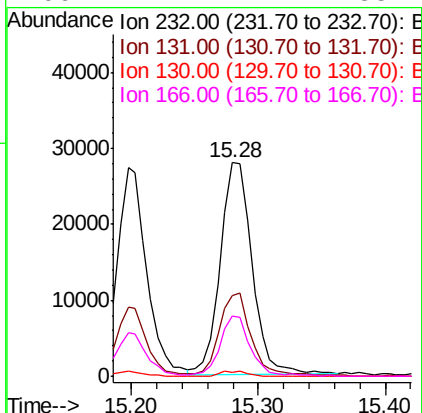
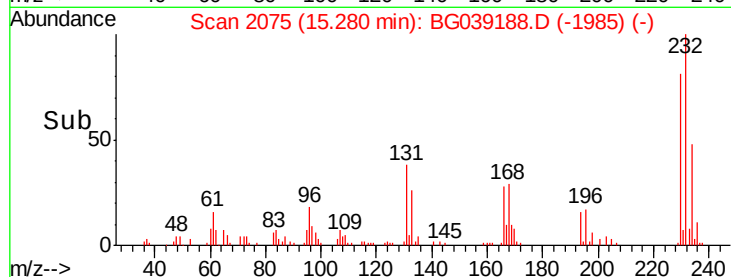
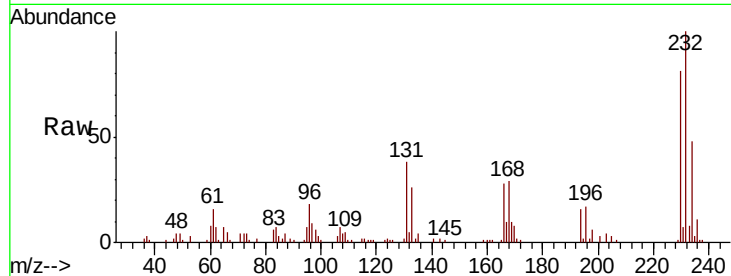
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.362 ng  
RT: 15.28 min Scan# 2075  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 232     | 100  |       | 48686 |       |       |
| 131     | 39.9 | 30.9  | 46.3  |       |       |
| 130     | 2.0  | 1.9   | 2.9   |       |       |
| 166     | 27.4 | 22.1  | 33.1  |       |       |

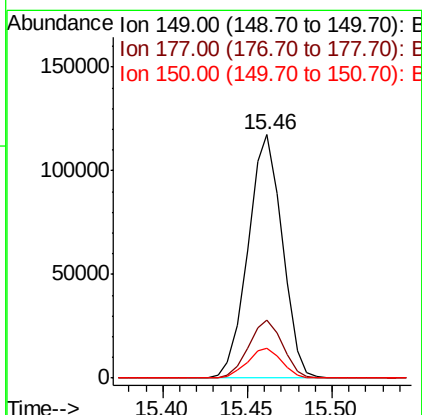
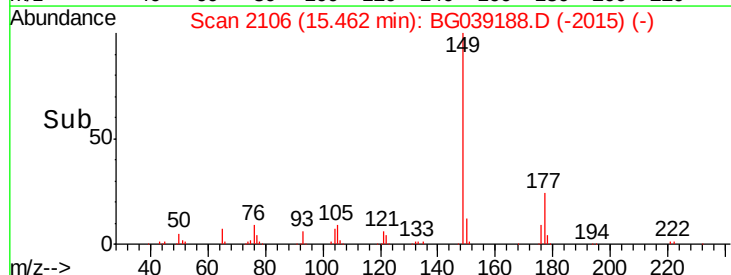
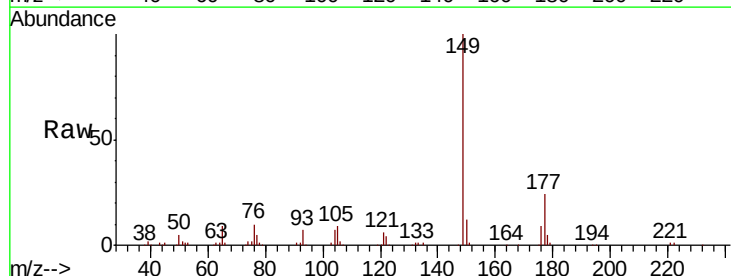
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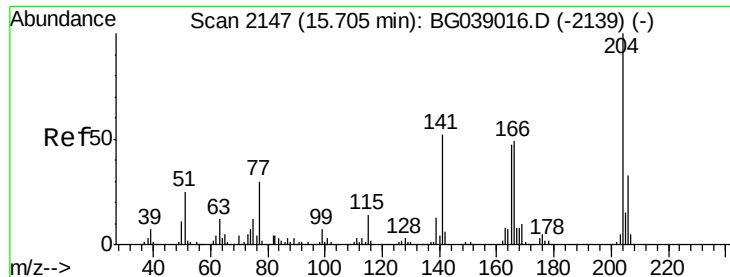
Sohil  
1/18/2019 11:24:01 AM



#60  
Diethylphthalate  
Concen: 38.953 ng  
RT: 15.46 min Scan# 2106  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 149     | 100  |       | 165283 |       |       |
| 177     | 23.8 | 19.0  | 28.6   |       |       |
| 150     | 12.5 | 10.2  | 15.4   |       |       |





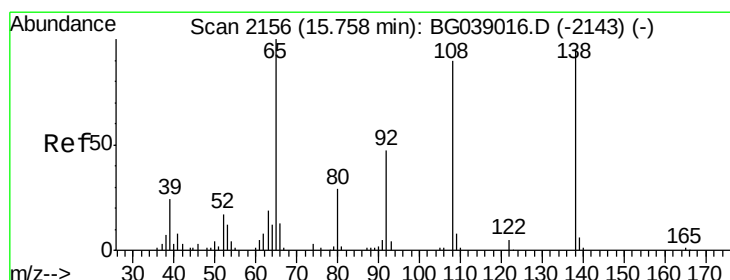
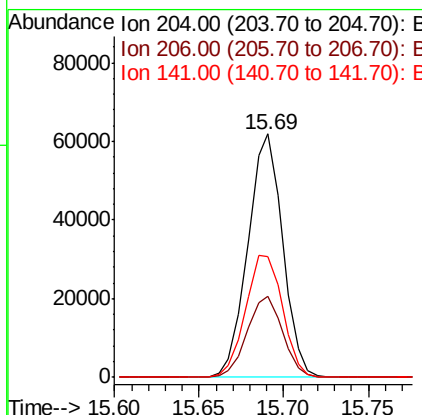
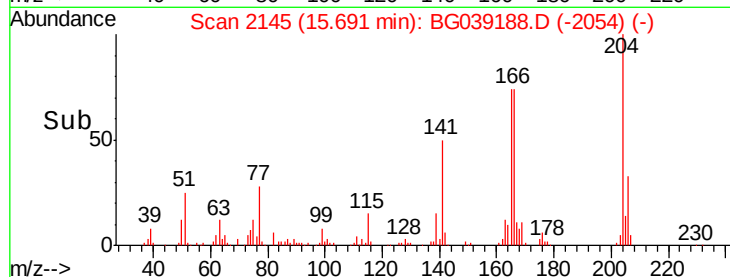
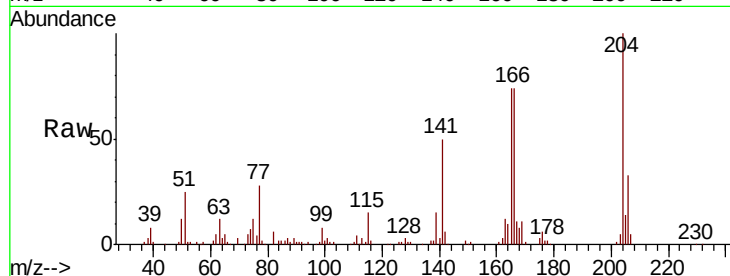
#61  
4-Chlorophenyl-phenylether  
Concen: 37.523 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.5  | 26.6  | 39.8  |
| 141     | 49.7  | 41.4  | 62.0  |

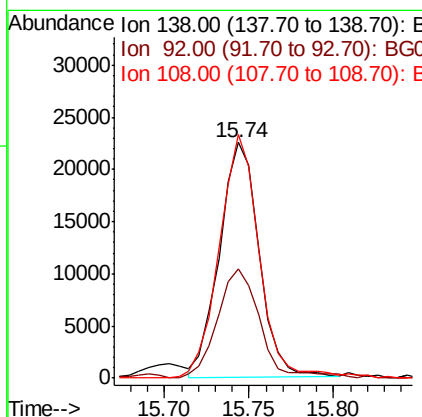
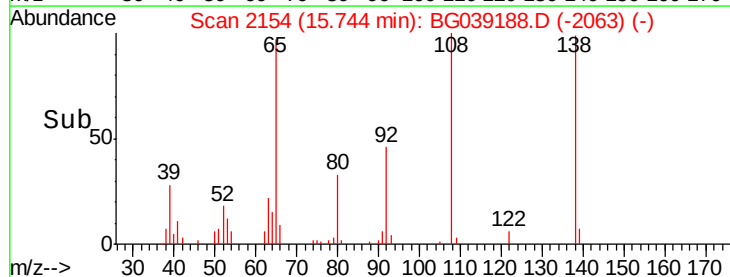
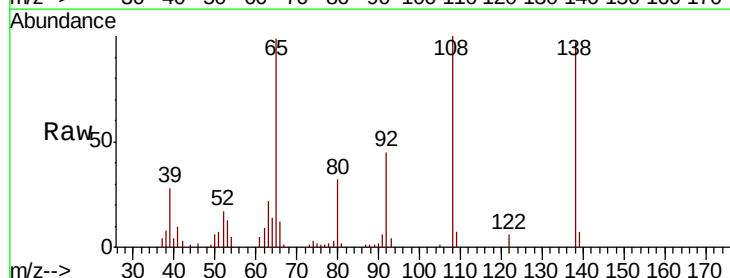
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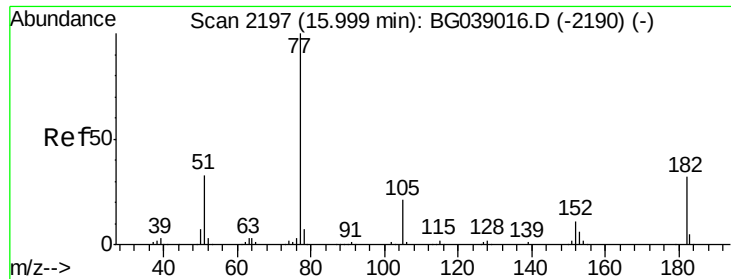
Sohil  
1/18/2019 11:24:01 AM



#62  
4-Nitroaniline  
Concen: 37.313 ng  
RT: 15.74 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 46.5  | 29.7  | 69.7  |
| 108     | 103.3 | 75.7  | 115.7 |





#63

Azobenzene

Concen: 38.965 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

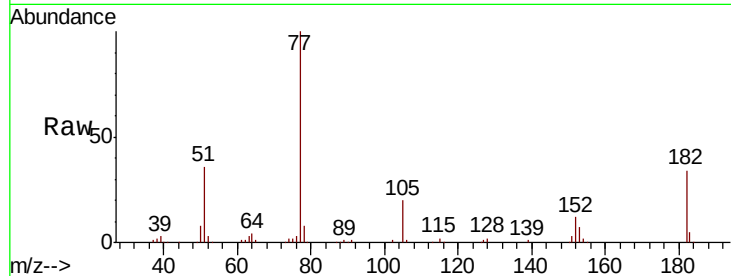
ClientSampleId :

PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 33.5  | 12.2  | 52.2  |
| 105     | 20.5  | 1.2   | 41.2  |
| 51      | 36.3  | 13.4  | 53.4  |

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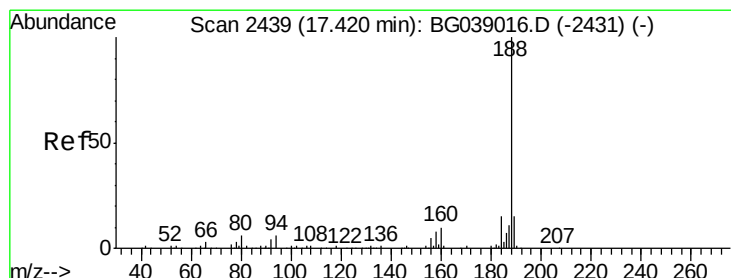
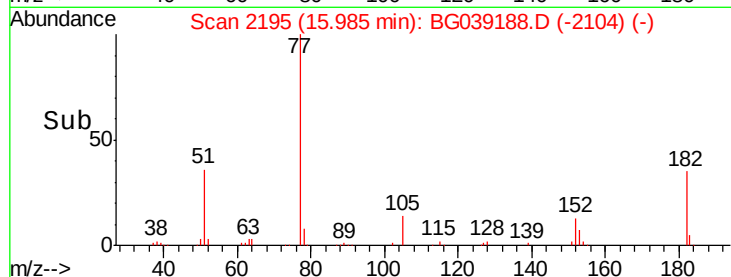
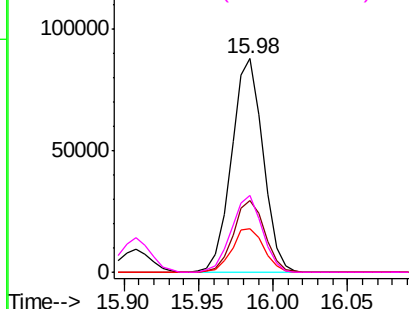
Abundance

Ion 77.00 (76.70 to 77.70): BG039188.D (-2104) (-)

Ion 182.00 (181.70 to 182.70): BG039188.D (-2104) (-)

Ion 105.00 (104.70 to 105.70): BG039188.D (-2104) (-)

Ion 51.00 (50.70 to 51.70): BG039188.D (-2104) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

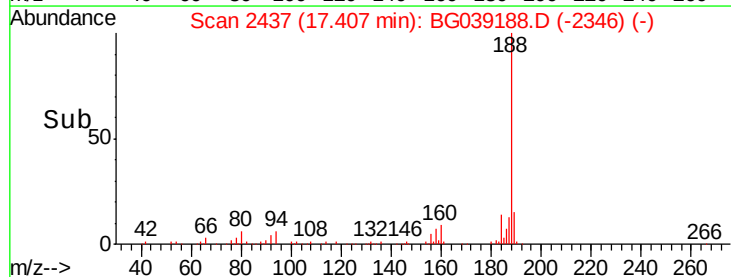
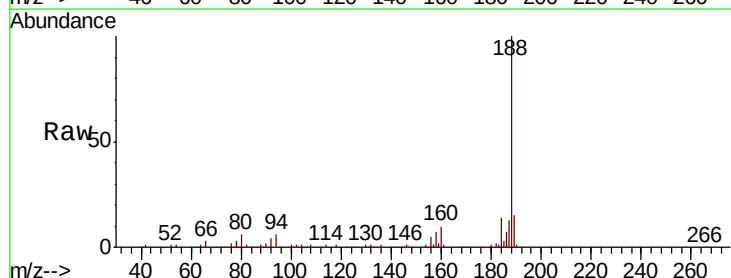
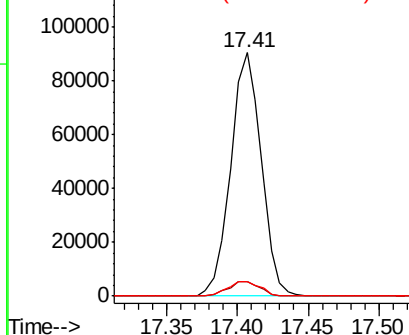
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 5.8   | 5.0   | 7.4   |
| 80      | 5.9   | 4.7   | 7.1   |

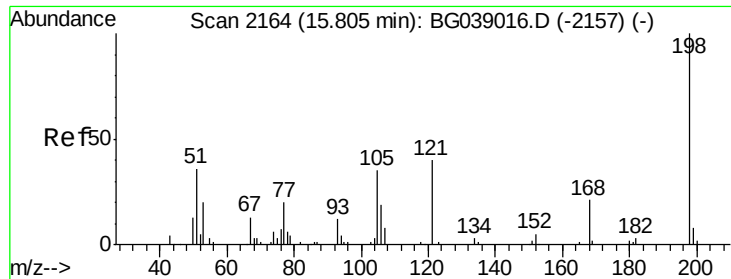
Abundance

Ion 188.00 (187.70 to 188.70): BG039188.D (-2346) (-)

Ion 94.00 (93.70 to 94.70): BG039188.D (-2346) (-)

Ion 80.00 (79.70 to 80.70): BG039188.D (-2346) (-)





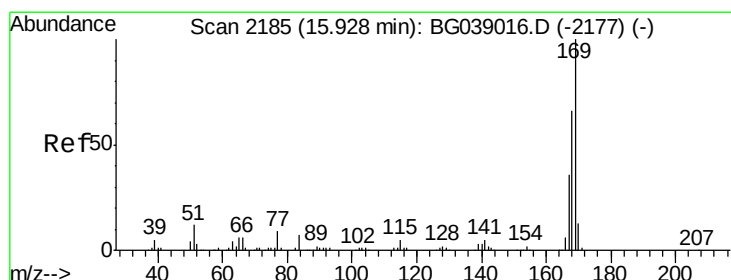
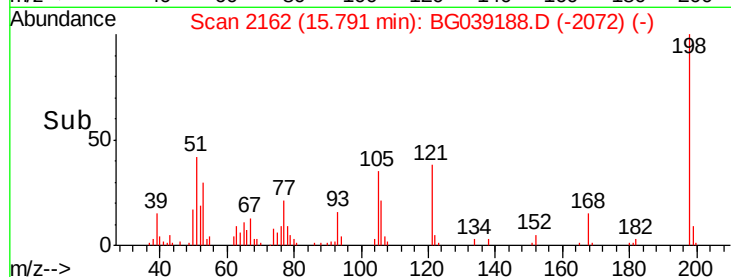
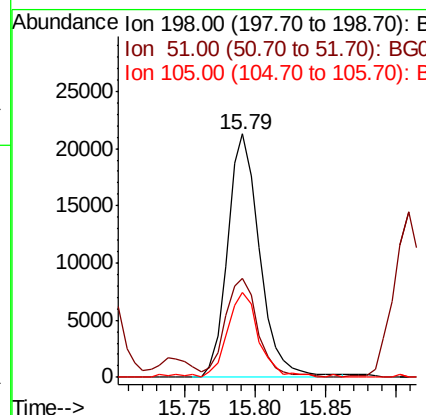
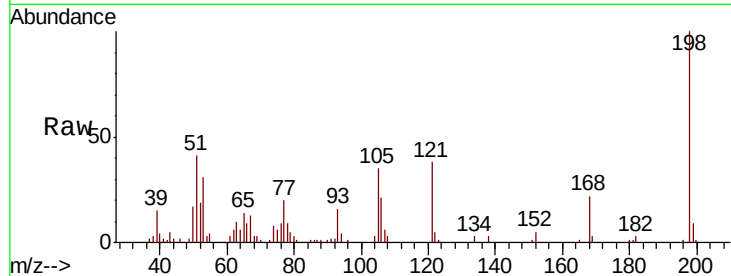
#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.346 ng  
RT: 15.79 min Scan# 2162  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampled :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.9  | 20.8  | 60.8  |
| 105     | 34.9  | 16.1  | 56.1  |

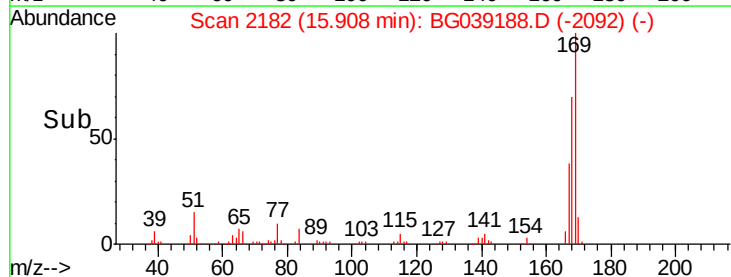
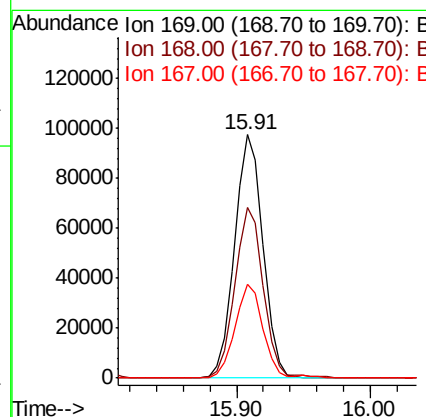
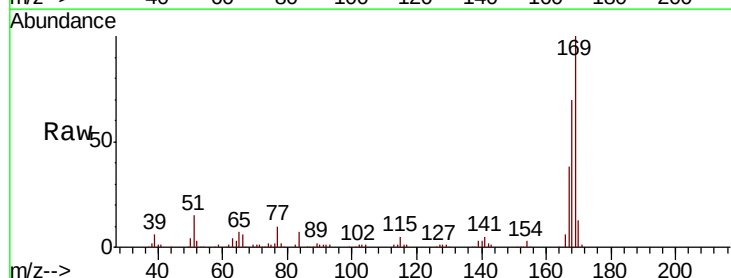
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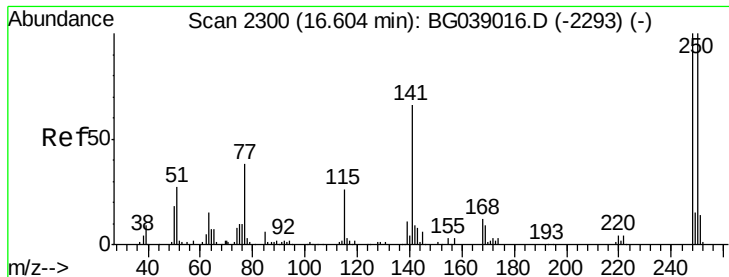
Sohil  
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#66  
n-Nitrosodiphenylamine  
Concen: 35.881 ng  
RT: 15.91 min Scan# 2182  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.8  | 53.2  | 79.8  |
| 167     | 38.4  | 29.1  | 43.7  |





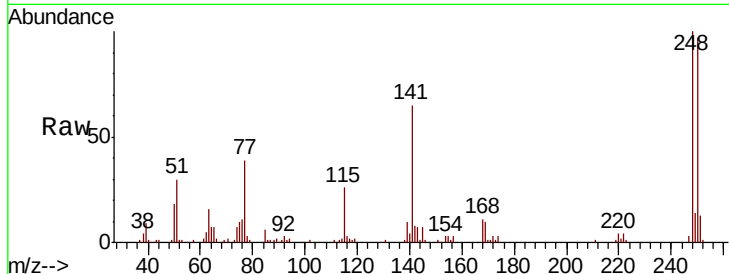
#67  
 4-Bromophenyl-phenylether  
 Concen: 36.233 ng  
 RT: 16.58 min Scan# 2297  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.7  | 79.9  | 119.9 |
| 141     | 64.9  | 52.7  | 79.1  |

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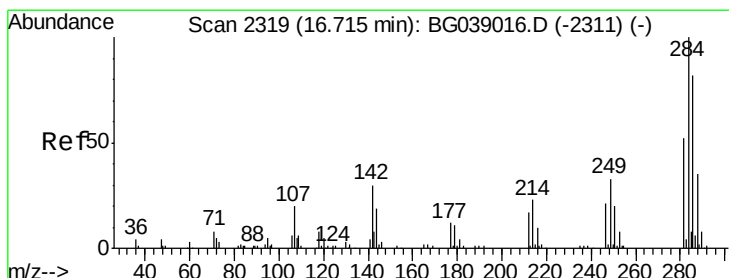
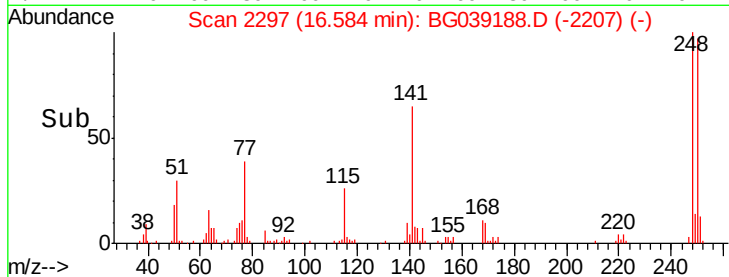
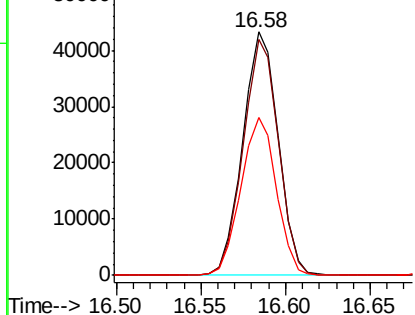


Abundance

Ion 248.00 (247.70 to 248.70): E

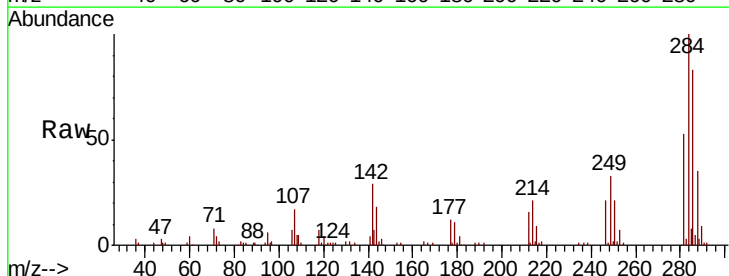
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 35.423 ng  
 RT: 16.70 min Scan# 2317  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 28.6  | 24.3  | 36.5  |
| 249     | 35.3  | 27.8  | 41.8  |

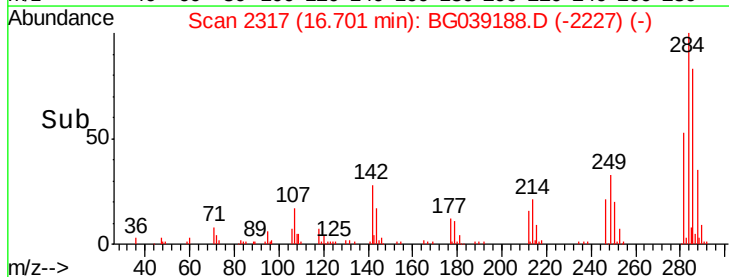
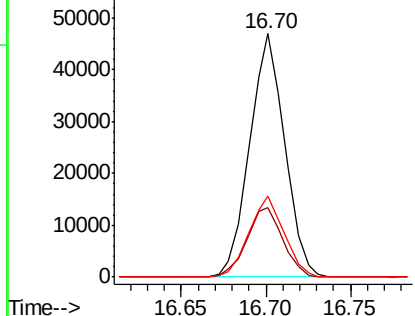


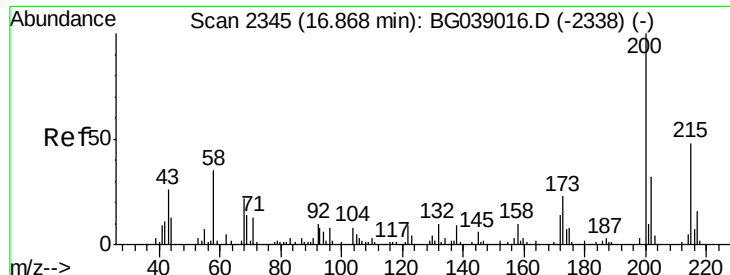
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





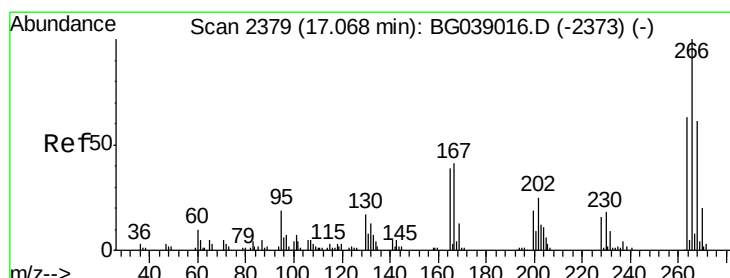
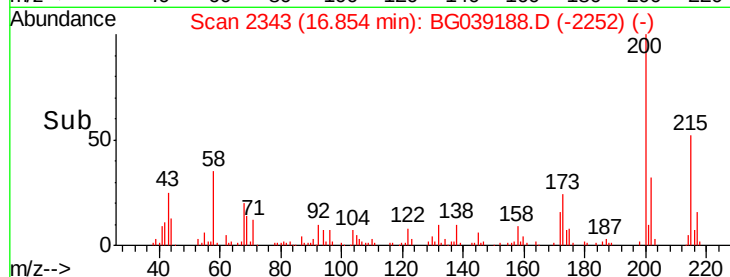
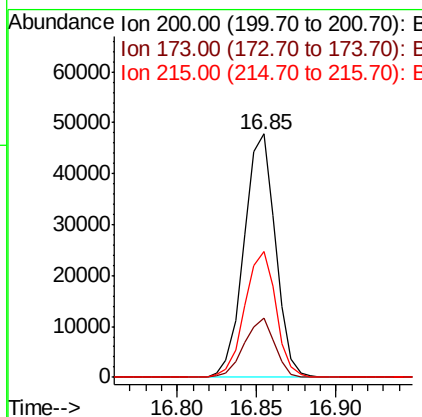
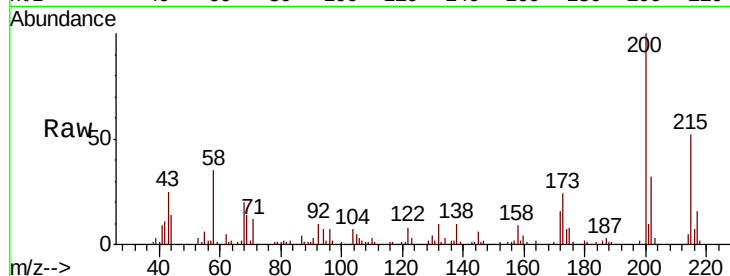
#69  
Atrazine  
Concen: 38.320 ng  
RT: 16.85 min Scan# 2343  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.4  | 2.6   | 42.6  |
| 215     | 51.7  | 28.0  | 68.0  |

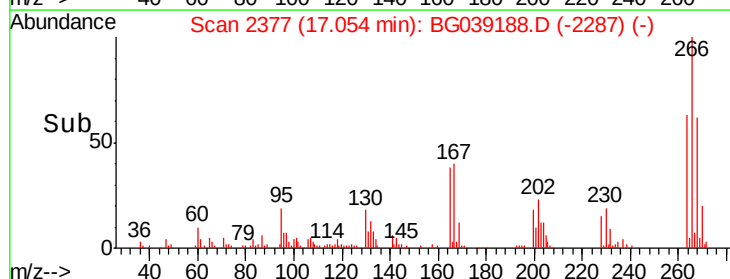
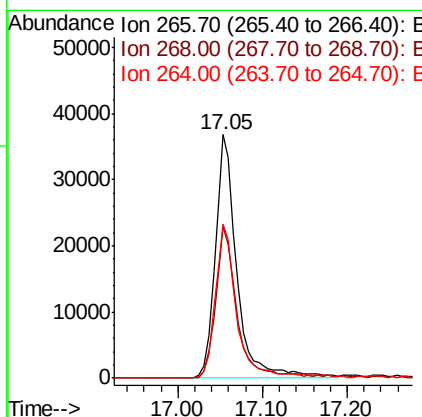
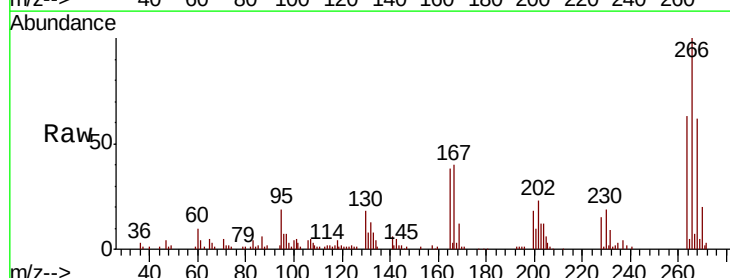
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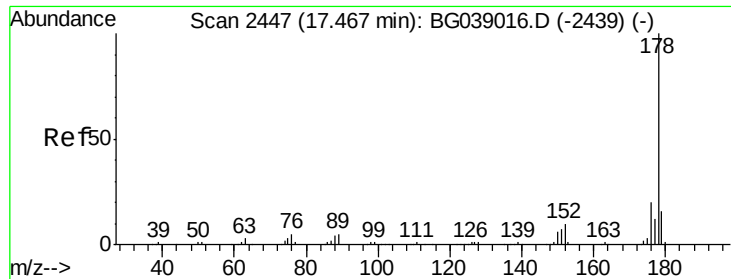
Sohil  
1/18/2019 11:24:01 AM



#70  
Pentachlorophenol  
Concen: 57.974 ng  
RT: 17.05 min Scan# 2377  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.1  | 52.0  | 78.0  |
| 264     | 68.5  | 54.6  | 81.8  |





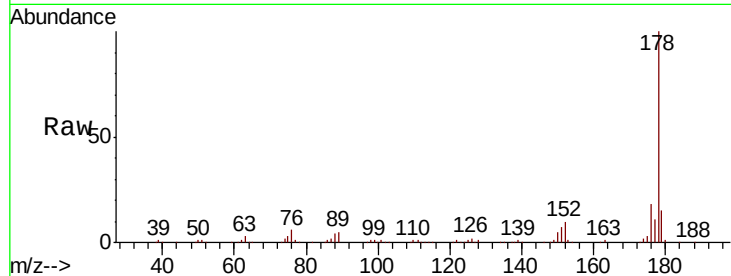
#71  
Phenanthrene  
Concen: 41.059 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampled :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.0  | 15.7  | 23.5  |
| 179     | 15.5  | 12.9  | 19.3  |

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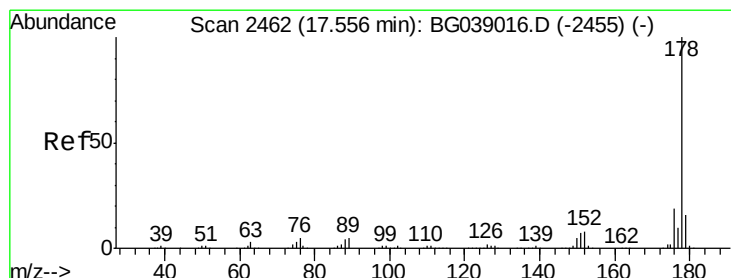
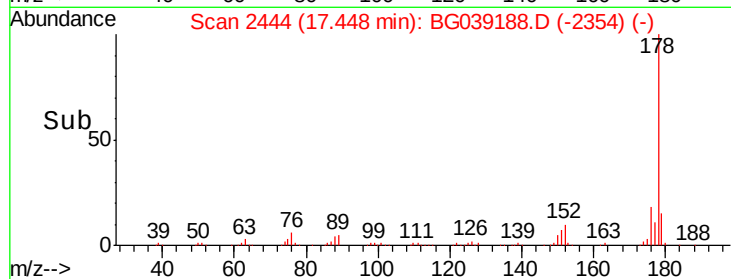
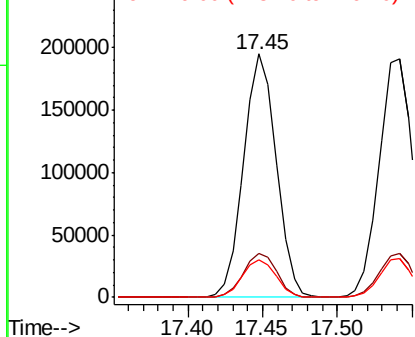


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72  
Anthracene  
Concen: 42.566 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

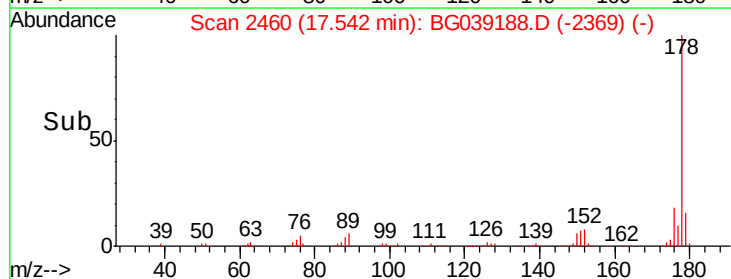
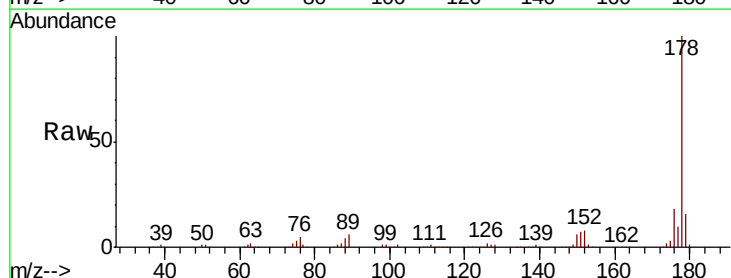
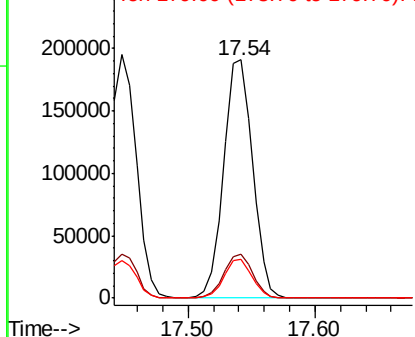
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.9  | 22.3  |
| 179     | 16.1  | 13.0  | 19.4  |

Abundance

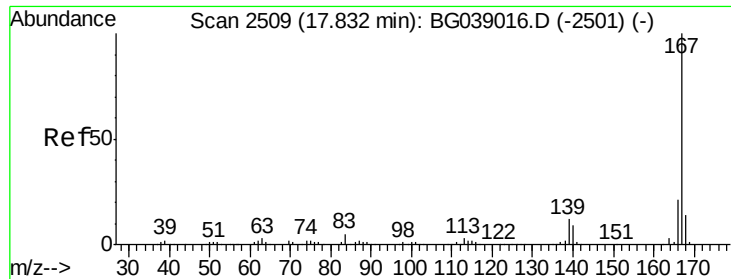
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







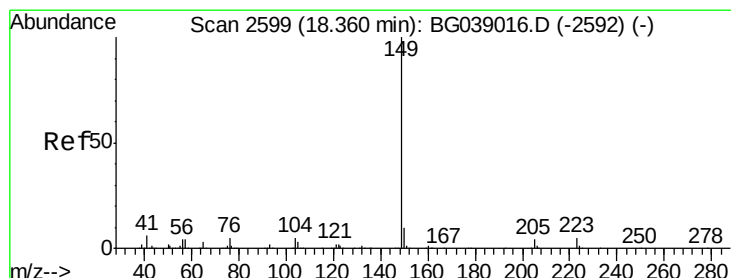
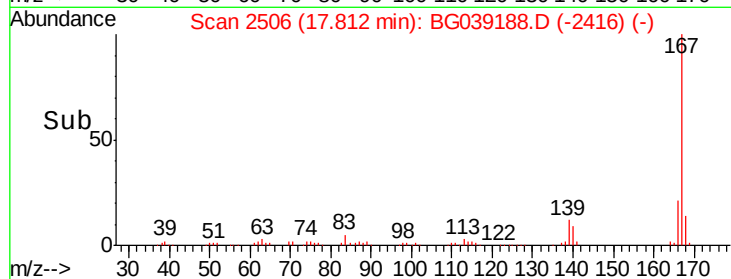
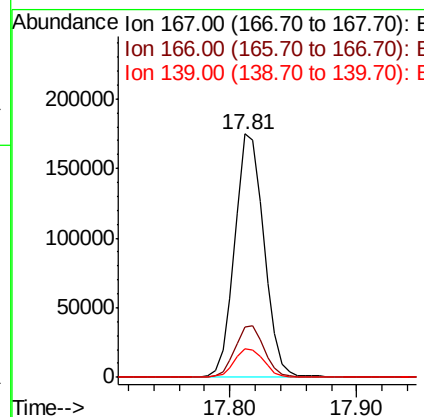
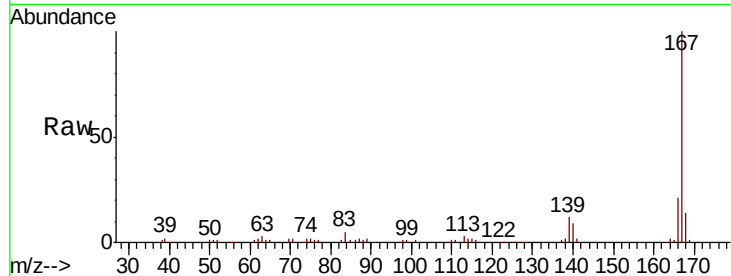
#73  
 Carbazole  
 Concen: 39.597 ng  
 RT: 17.81 min Scan# 2506  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 20.9  | 16.9  | 25.3  |
| 139     | 11.8  | 10.0  | 15.0  |

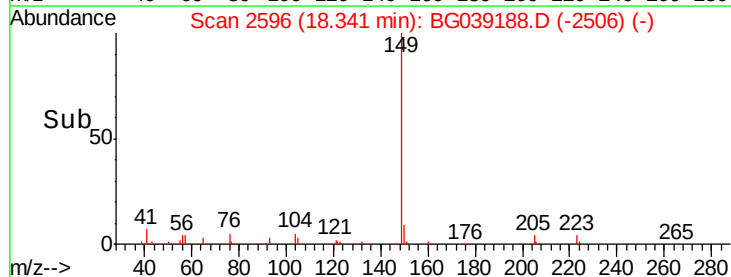
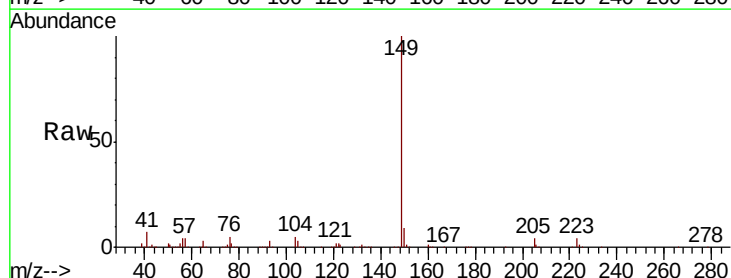
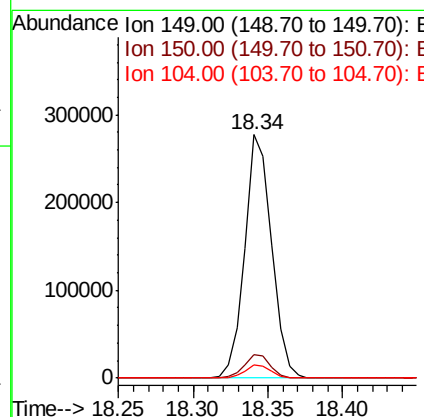
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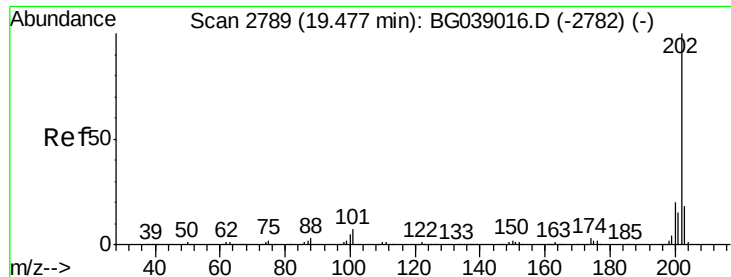
Sohil  
 1/18/2019 11:24:01 AM



#74  
 Di-n-butylphthalate  
 Concen: 44.227 ng  
 RT: 18.34 min Scan# 2596  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.4   | 7.9   | 11.9  |
| 104     | 5.4   | 4.2   | 6.2   |





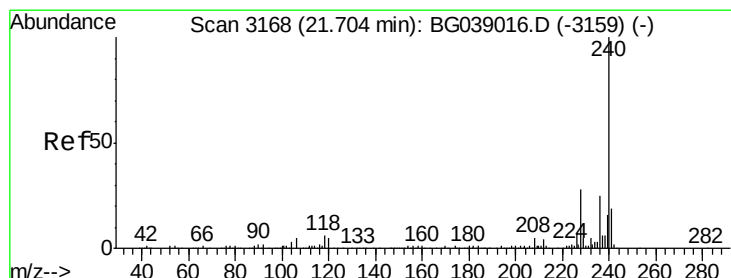
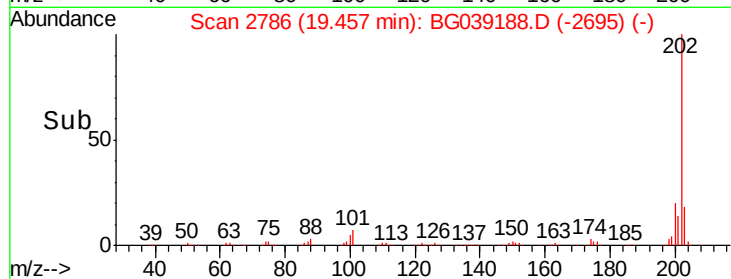
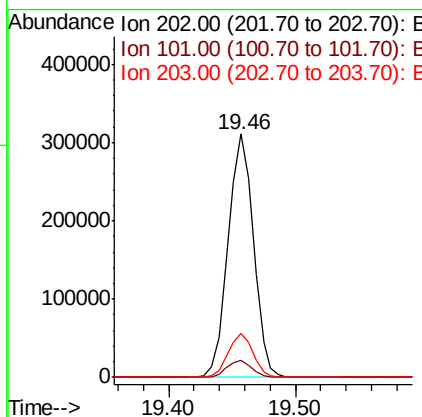
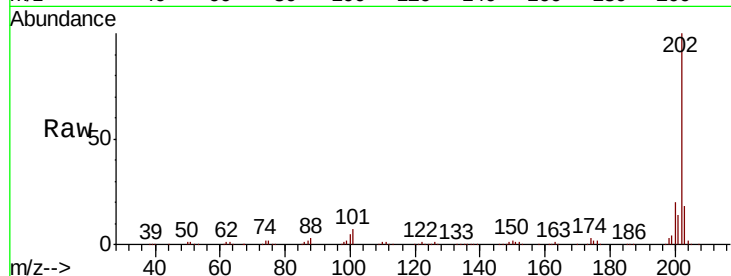
#75  
 Fluoranthene  
 Concen: 48.247 ng  
 RT: 19.46 min Scan# 2786  
 Delta R.T. 0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.0   | 0.0        | 26.9  |
| 203     | 18.1  | 0.0        | 38.1  |

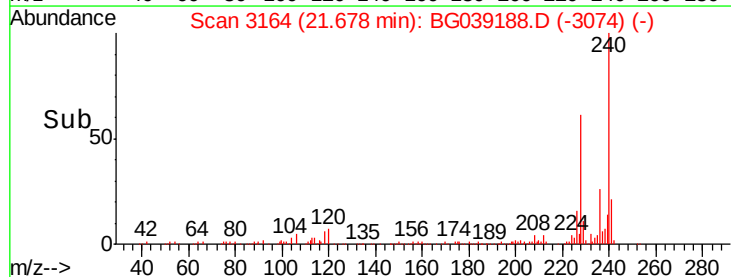
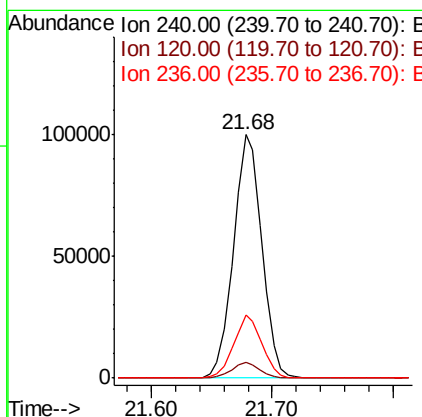
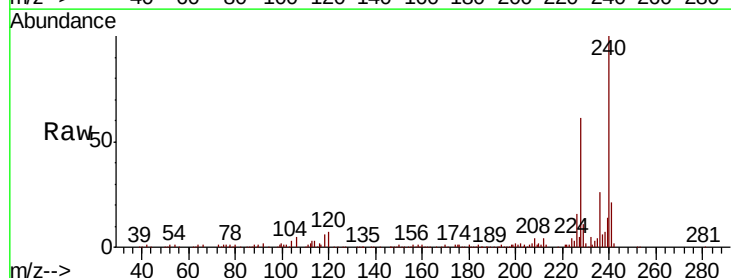
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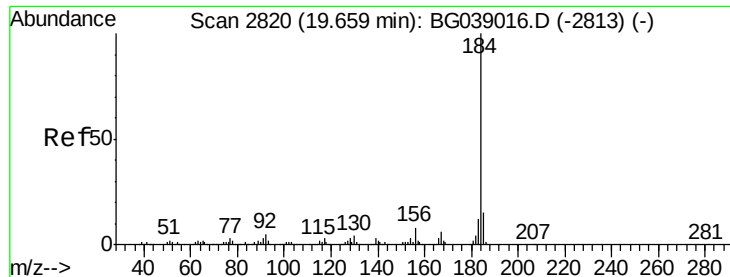
Sohil  
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#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.68 min Scan# 3164  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 6.7   | 4.3        | 6.5#  |
| 236     | 25.9  | 20.1       | 30.1  |





#77

Benzidine

Concen: 31.429 ng

RT: 19.65 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

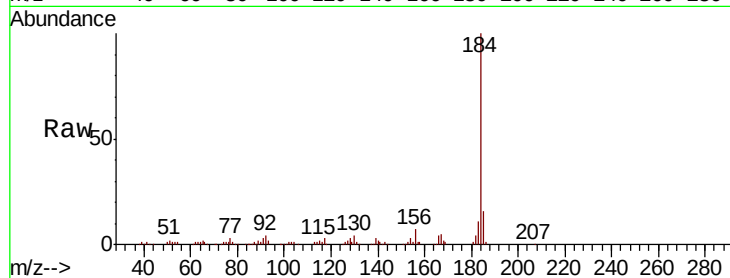
ClientSampled :

PB116414BS

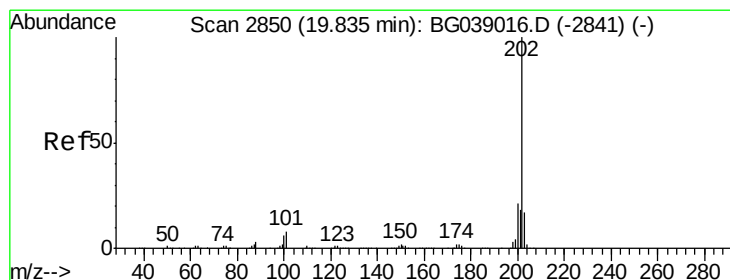
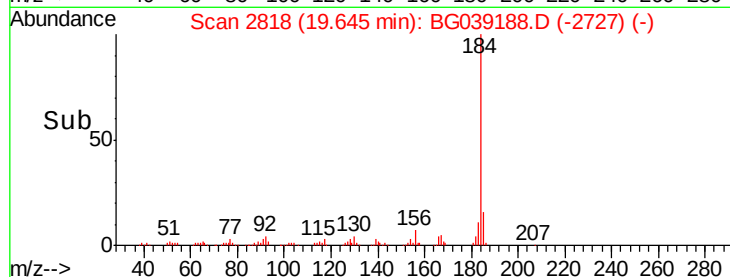
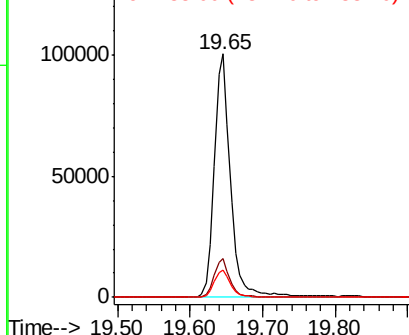
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.8  | 12.1  | 18.1  |
| 183     | 11.3  | 9.5   | 14.3  |

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



#78

Pyrene

Concen: 42.073 ng

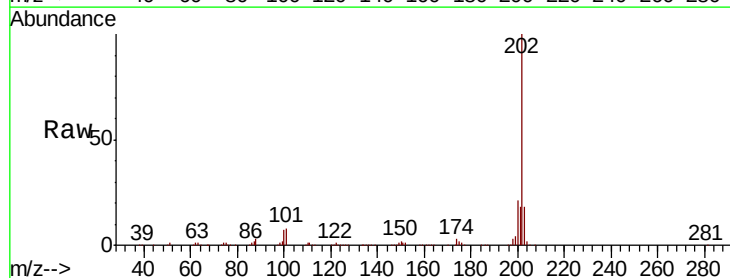
RT: 19.82 min Scan# 2848

Delta R.T. 0.00 min

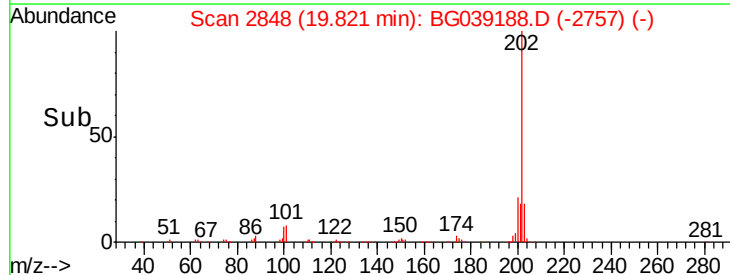
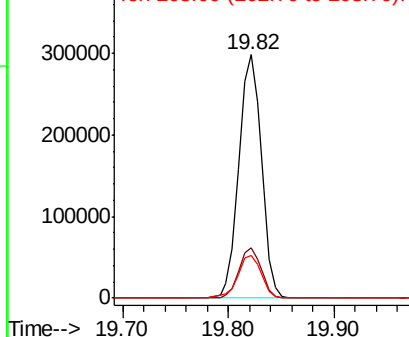
Lab File: BG039188.D

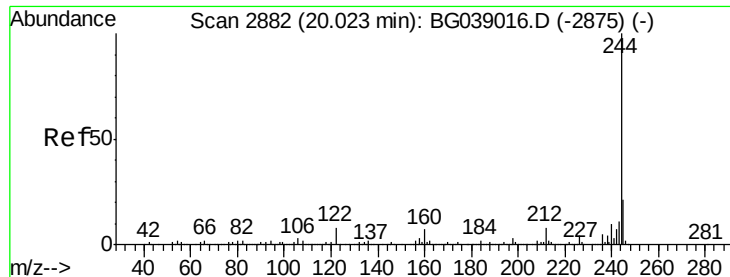
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.6  | 17.0  | 25.6  |
| 203     | 17.6  | 14.0  | 21.0  |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.933 ng

RT: 20.01 min Scan# 2880

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

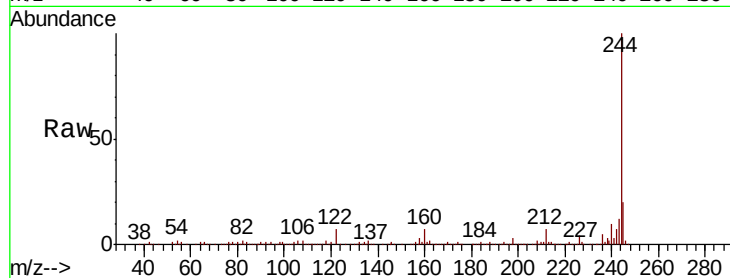
ClientSampleId :

PB116414BS

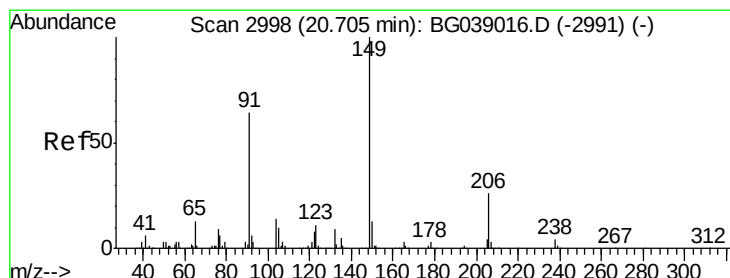
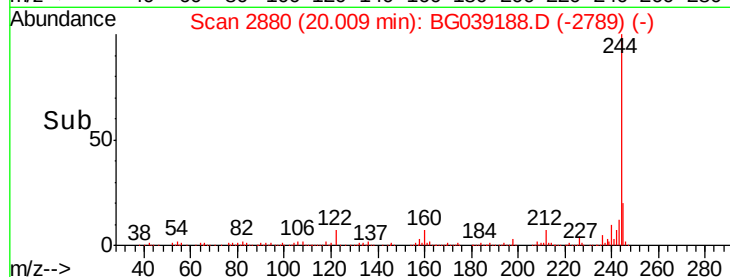
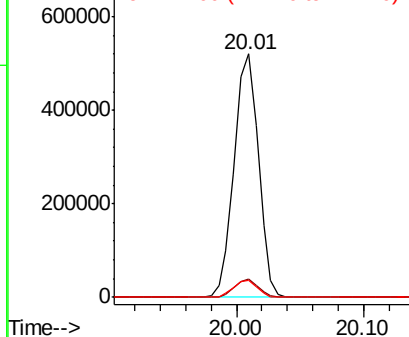
|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 689387 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 7.4 | 6.1   | 9.1    |
| 122       | 6.8 | 6.1   | 9.1    |

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Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.121 ng

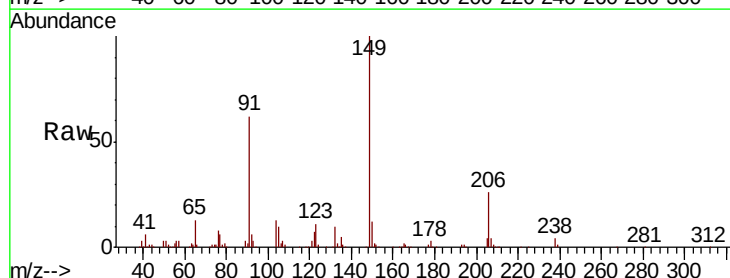
RT: 20.69 min Scan# 2996

Delta R.T. 0.00 min

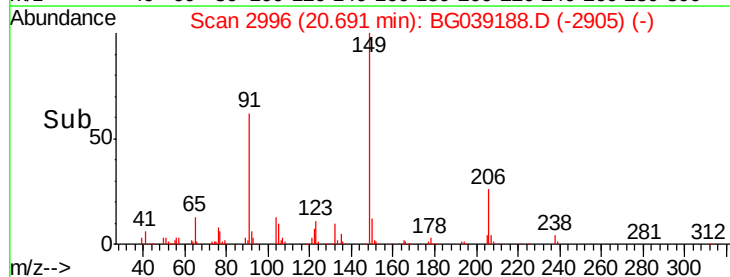
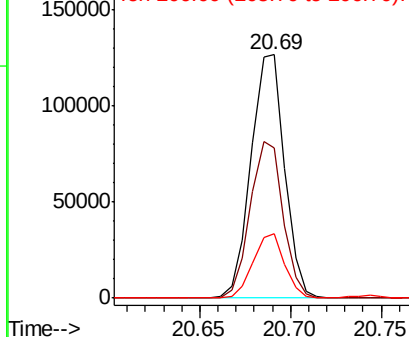
Lab File: BG039188.D

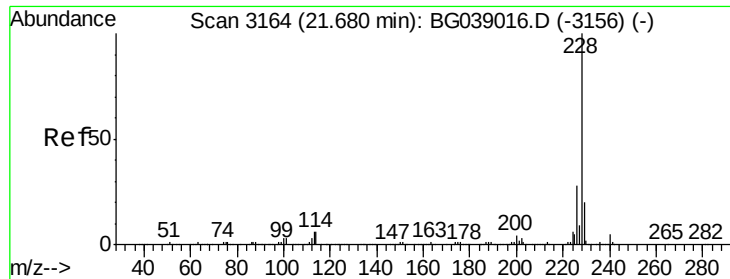
Acq: 17 Jan 2019 16:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 163102 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 61.9 | 51.4  | 77.0   |
| 206       | 26.3 | 20.4  | 30.6   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BG  
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.275 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

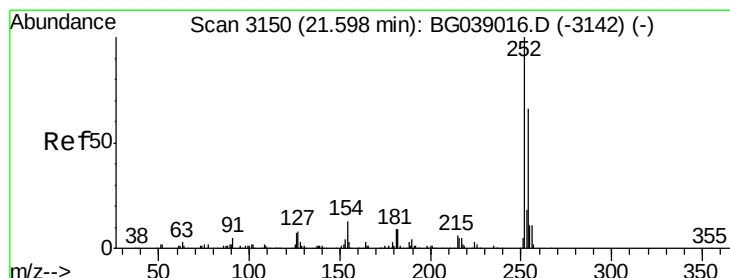
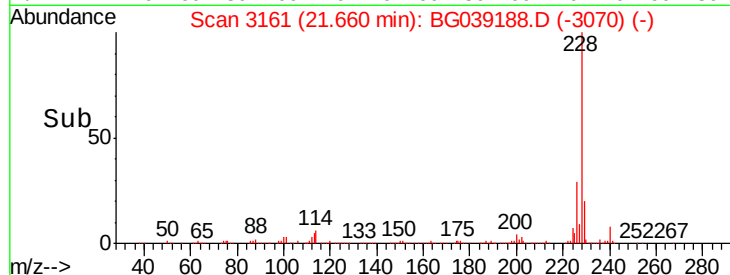
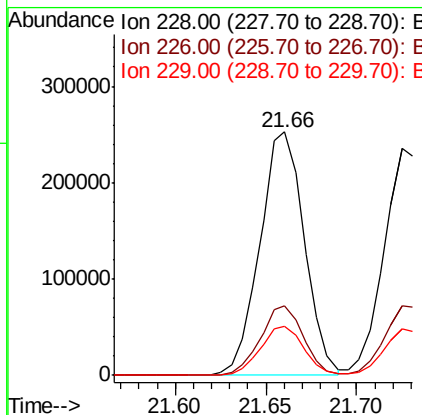
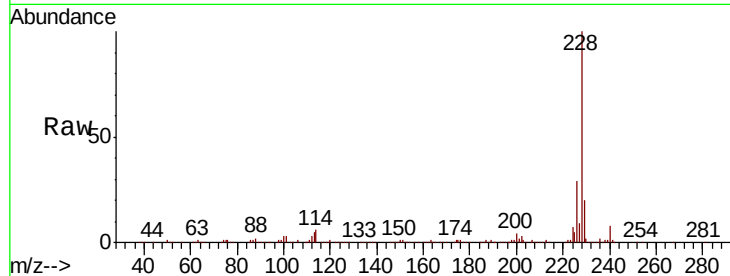
ClientSampleId :

PB116414BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 431087 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 28.6  | 22.4  | 33.6   |
| 229       | 20.2  | 16.2  | 24.2   |

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#82

3,3'-Dichlorobenzidine

Concen: 24.132 ng

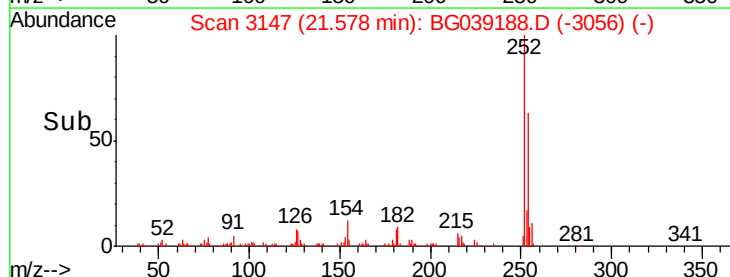
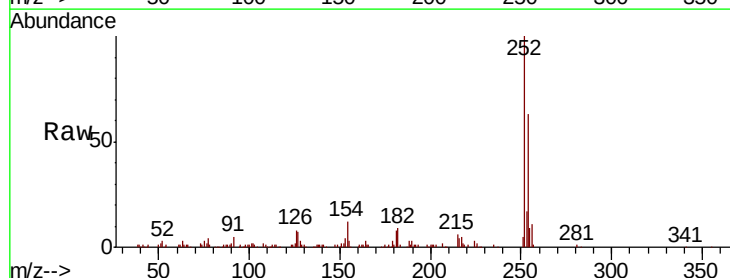
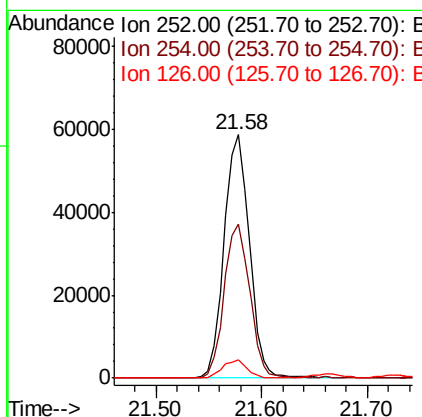
RT: 21.58 min Scan# 3147

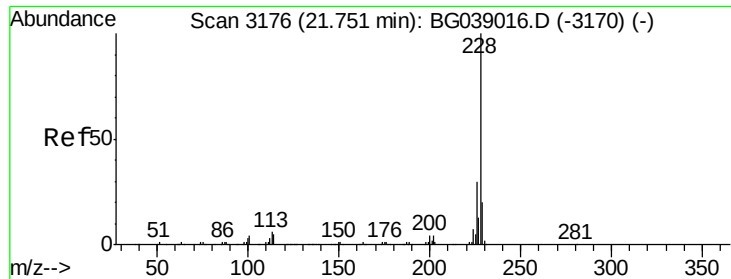
Delta R.T. 0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 97946 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 63.0  | 53.0  | 79.6  |
| 126       | 7.5   | 6.0   | 9.0   |





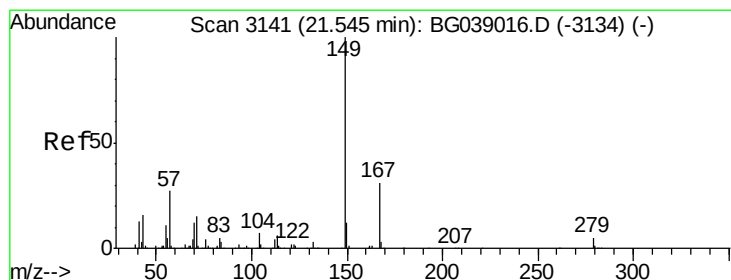
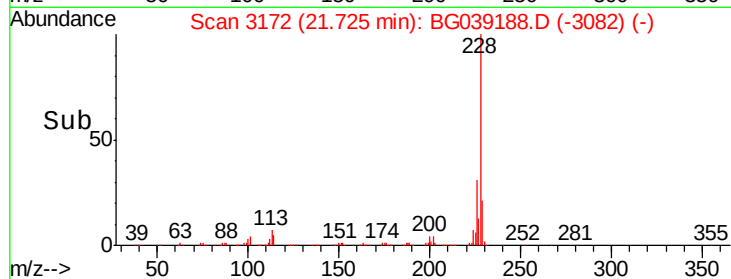
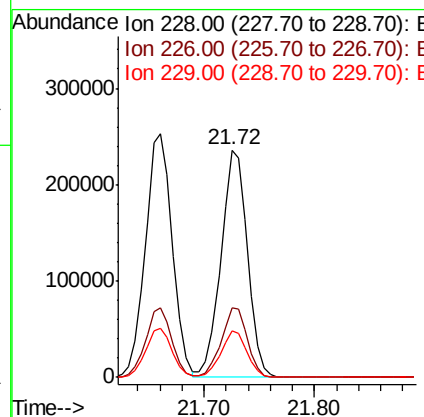
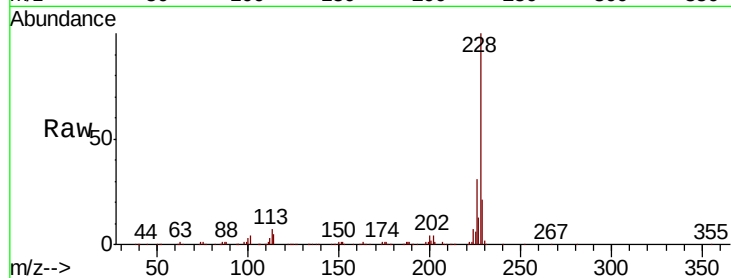
#83  
 Chrysene  
 Concen: 41.328 ng  
 RT: 21.72 min Scan# 3172  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 24.1  | 36.1  |
| 229     | 20.6  | 16.0  | 24.0  |

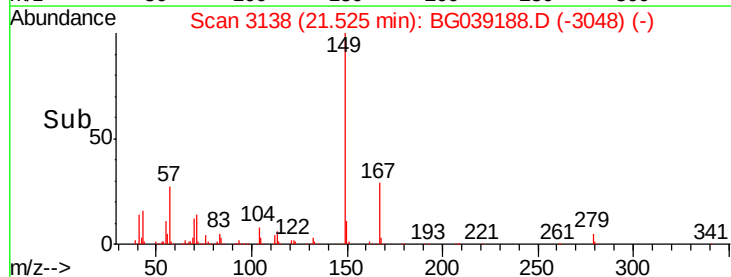
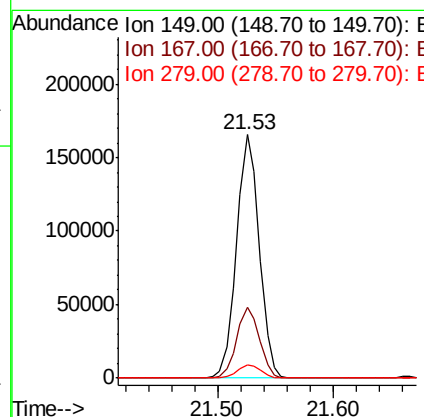
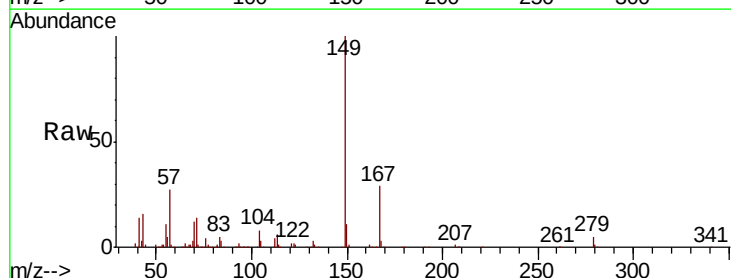
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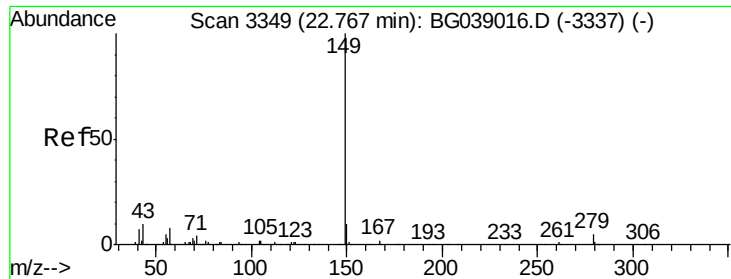
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.905 ng  
 RT: 21.53 min Scan# 3138  
 Delta R.T. -0.00 min  
 Lab File: BG039188.D  
 Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.2  | 25.0  | 37.4  |
| 279     | 5.3   | 4.3   | 6.5   |





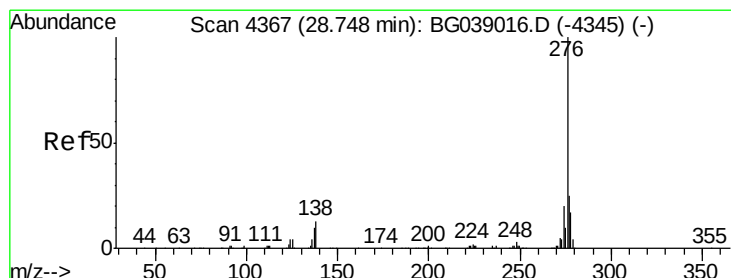
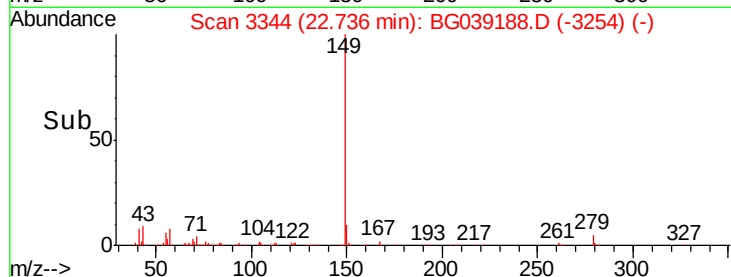
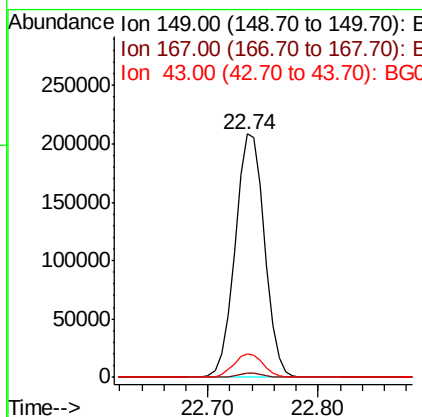
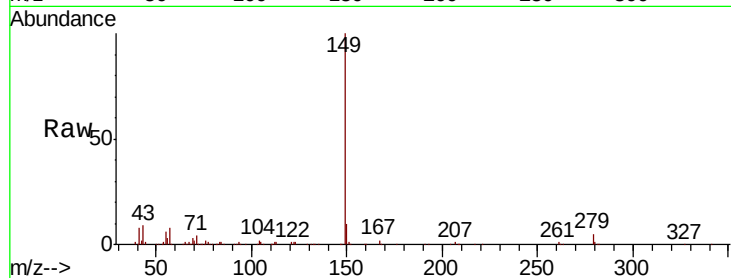
#85  
Di-n-octyl phthalate  
Concen: 41.837 ng  
RT: 22.74 min Scan# 3344  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 389605 |       |       |
| 167     | 1.7   |        | 1.3   | 1.9   |
| 43      | 9.7   |        | 7.5   | 11.3  |

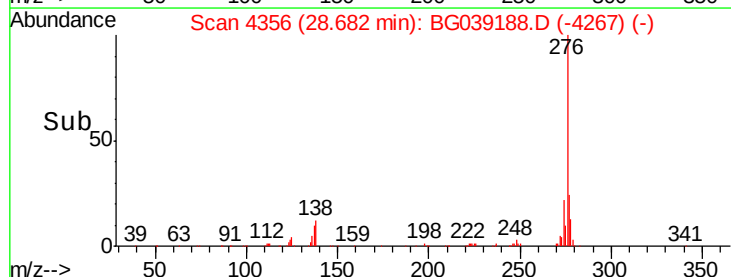
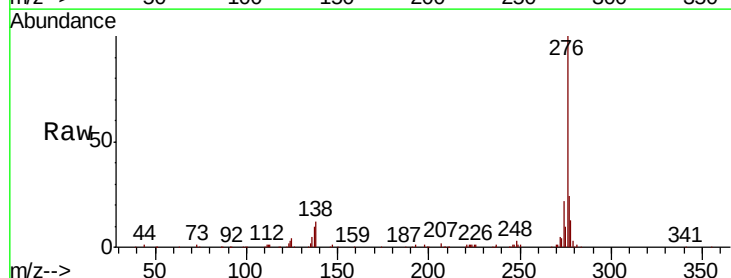
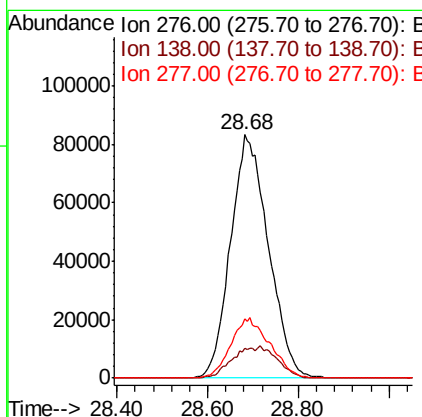
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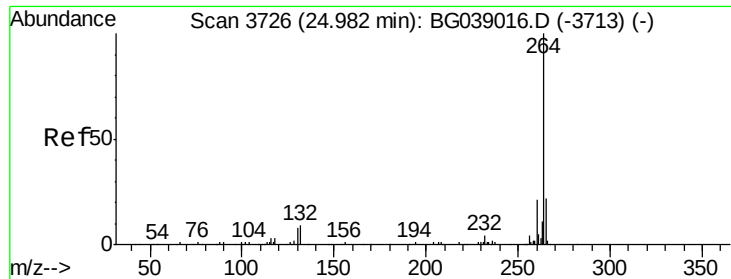
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 42.591 ng  
RT: 28.68 min Scan# 4356  
Delta R.T. -0.01 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 482166 |       |       |
| 138     | 8.1   |        | 8.0   | 12.0  |
| 277     | 25.4  |        | 20.3  | 30.5  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

Instrument :

BNA\_G

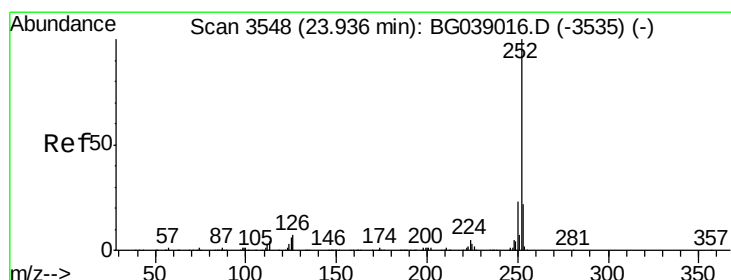
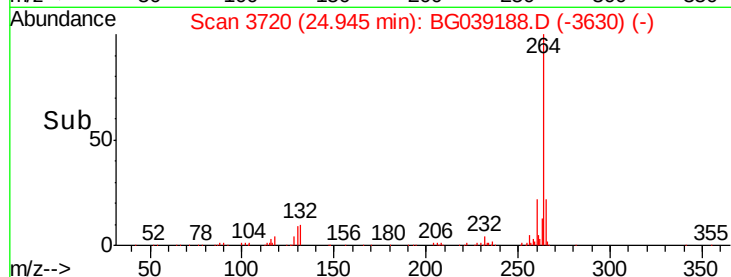
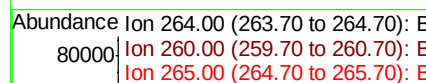
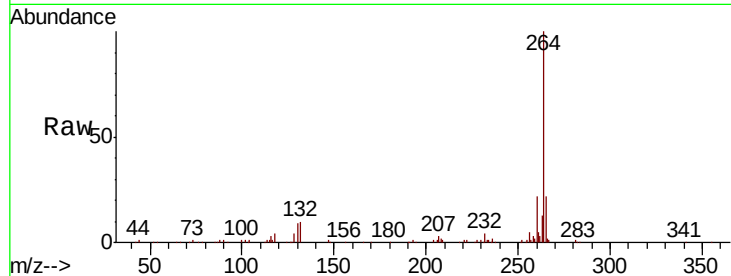
ClientSampleId :

PB116414BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 175141 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 22.3 | 17.0  | 25.6   |
| 265       | 22.3 | 17.2  | 25.8   |

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#88

Benzo(b)fluoranthene

Concen: 45.349 ng

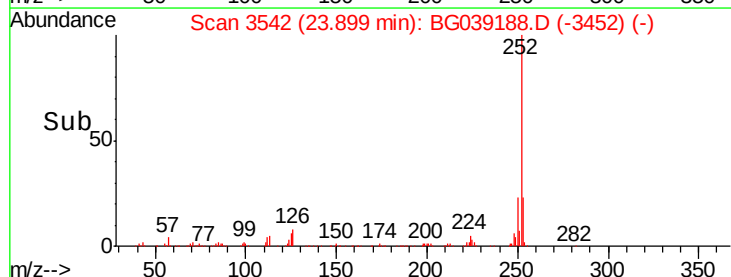
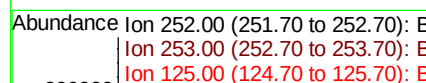
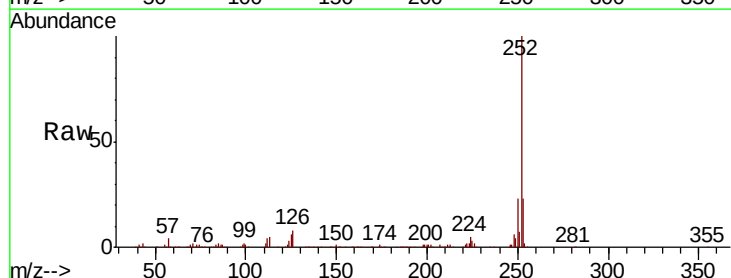
RT: 23.90 min Scan# 3542

Delta R.T. -0.00 min

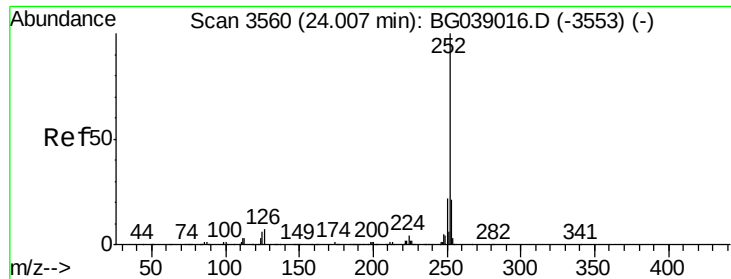
Lab File: BG039188.D

Acq: 17 Jan 2019 16:04

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 437944 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.7 | 17.8  | 26.6   |
| 125       | 6.2  | 4.9   | 7.3    |







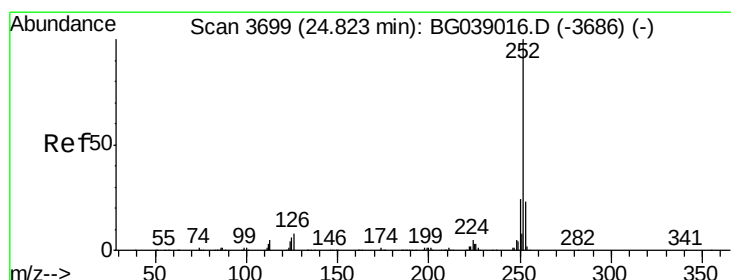
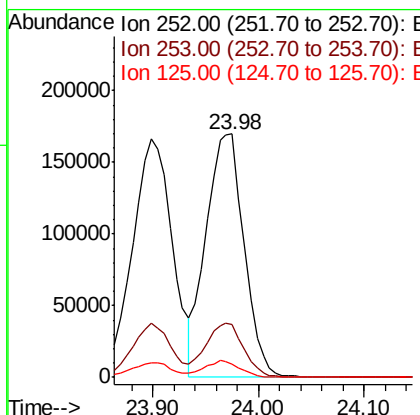
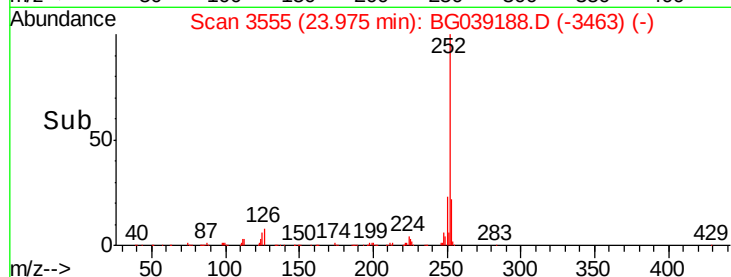
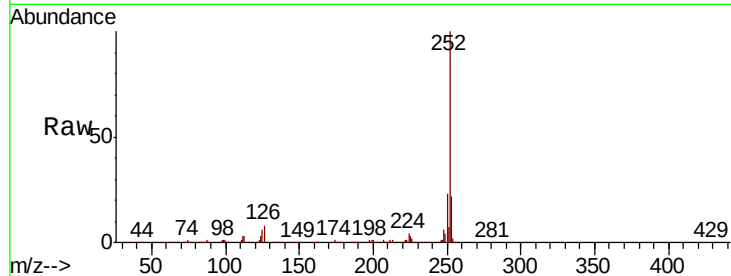
#89  
Benzo(k)fluoranthene  
Concen: 44.449 ng  
RT: 23.98 min Scan# 3555  
Delta R.T. 0.01 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.1  | 25.7  |
| 125     | 5.5   | 4.6   | 7.0   |

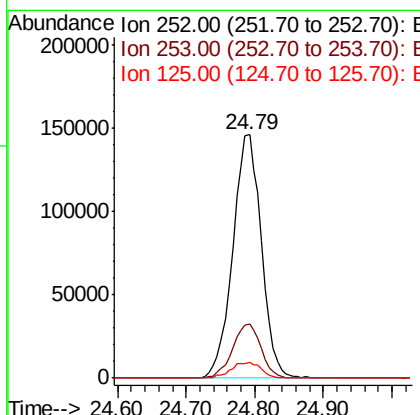
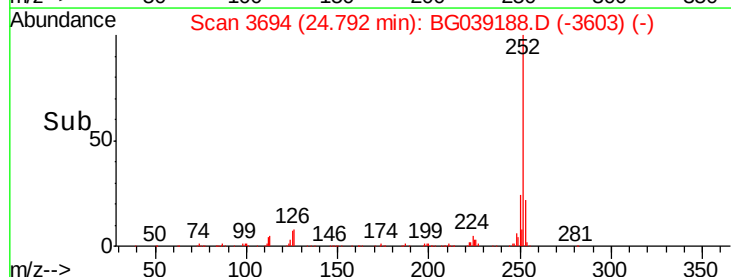
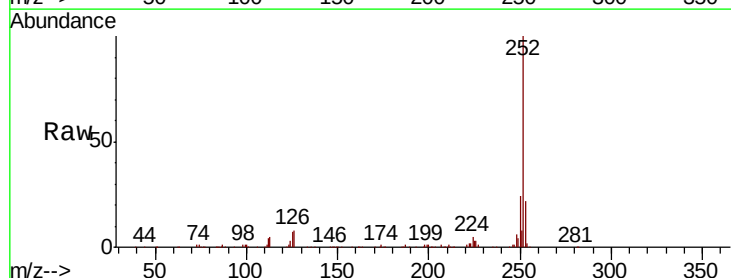
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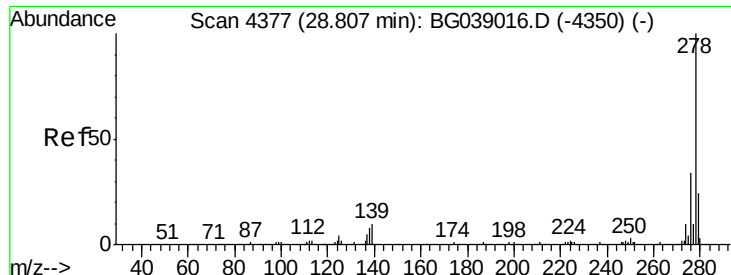
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#90  
Benzo(a)pyrene  
Concen: 45.021 ng  
RT: 24.79 min Scan# 3694  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.3  | 27.5  |
| 125     | 6.7   | 4.9   | 7.3   |





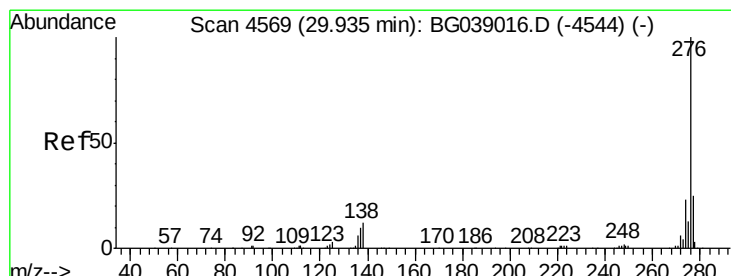
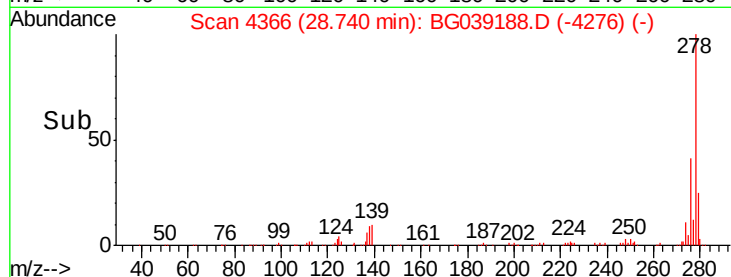
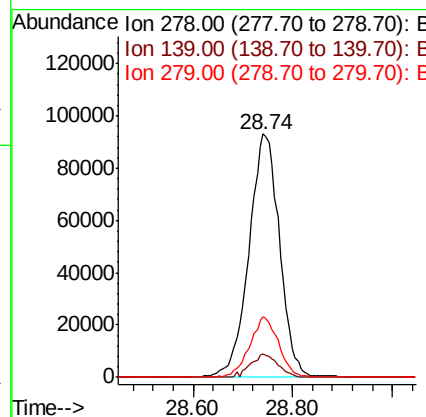
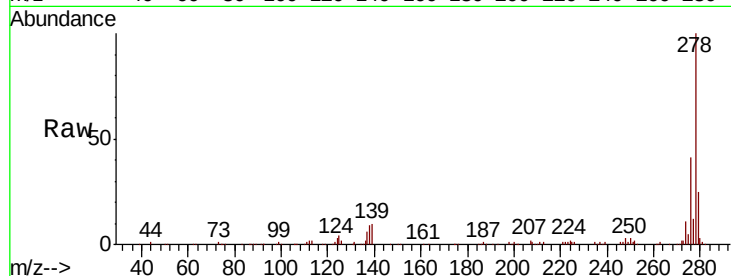
#91  
Dibenzo(a,h)anthracene  
Concen: 42.861 ng  
RT: 28.74 min Scan# 4366  
Delta R.T. -0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB116414BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.7   | 7.9   | 11.9  |
| 279     | 24.8  | 19.3  | 28.9  |

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#92  
Benzo(g,h,i)perylene  
Concen: 44.582 ng  
RT: 29.87 min Scan# 4559  
Delta R.T. 0.00 min  
Lab File: BG039188.D  
Acq: 17 Jan 2019 16:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 20.3  | 30.5  |
| 138     | 13.4  | 9.4   | 14.2  |

