

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\  
 Data File : BG039589.D  
 Acq On : 25 Feb 2019 16:35  
 Operator : JU/SJ  
 Sample : K1556-02MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPMSD

Manual Integrations  
 APPROVED

Sohil  
 2/26/2019 2:40:30 PM

Quant Time: Feb 25 17:23:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 25 16:56:03 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 52221    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 233790   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.80 | 164  | 161454   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.54 | 188  | 386765   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.83 | 240  | 384760   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.21 | 264  | 373611   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 438344  | 143.66 | ng | 0.00 |
| 7) Phenol-d6             | 7.32  | 99  | 583796  | 129.99 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.35  | 82  | 422293  | 112.84 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 269251  | 154.87 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.42 | 172 | 1002047 | 89.03  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.13 | 244 | 1589432 | 87.44  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.61  | 88  | 52487  | 39.326 | ng | # 24   |
| 3) Pyridine                    | 4.02  | 79  | 141251 | 39.973 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 78512  | 44.427 | ng | # 79   |
| 6) Aniline                     | 7.49  | 93  | 103456 | 18.390 | ng | 96     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 188807 | 56.610 | ng | 98     |
| 9) Benzaldehyde                | 7.31  | 77  | 117136 | 60.389 | ng | 97     |
| 10) Phenol                     | 7.35  | 94  | 217595 | 46.477 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93  | 182402 | 49.305 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 193853 | 47.979 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146 | 198936 | 49.399 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146 | 194753 | 49.956 | ng | 99     |
| 15) Benzyl Alcohol             | 8.41  | 79  | 183259 | 51.974 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 350337 | 41.935 | ng | 100    |
| 17) 2-Methylphenol             | 8.60  | 107 | 164202 | 54.197 | ng | 98     |
| 18) Hexachloroethane           | 9.26  | 117 | 68859  | 49.700 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 157180 | 49.308 | ng | 90     |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 226815 | 54.365 | ng | 98     |
| 22) Acetophenone               | 9.00  | 105 | 301471 | 48.005 | ng | # 95   |
| 24) Nitrobenzene               | 9.39  | 77  | 231533 | 57.268 | ng | 94     |
| 25) Isophorone                 | 9.90  | 82  | 452070 | 54.512 | ng | 96     |
| 26) 2-Nitrophenol              | 10.10 | 139 | 110265 | 63.150 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 194534 | 57.988 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 269297 | 52.720 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 220986 | 60.272 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 212885 | 51.717 | ng | 98     |
| 31) Naphthalene                | 11.04 | 128 | 615184 | 53.041 | ng | 98     |
| 32) Benzoic acid               | 10.21 | 122 | 8261m  | 12.075 | ng |        |
| 33) 4-Chloroaniline            | 11.15 | 127 | 27010  | 5.023  | ng | 94     |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 137949 | 50.392 | ng | 96     |
| 35) Caprolactam                | 11.93 | 113 | 53682  | 35.382 | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 233063 | 54.964 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 471396 | 54.876 | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.85 | 142 | 452840 | 54.687 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 261180 | 50.843 | ng | 99     |

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 Sample : K1556-02MSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPMSD

Manual Integrations  
 APPROVED

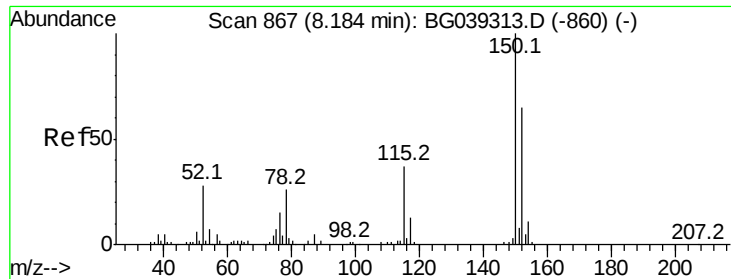
Sohil  
 2/26/2019 2:40:30 PM

Quant Time: Feb 25 17:23:38 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 25 16:56:03 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.96 | 237  | 255262   | 91.190 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 181598   | 57.495 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 195303   | 58.997 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 637995   | 47.493 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 496377   | 49.119 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 171728   | 57.228 | nq    | 93       |
| 49) Acenaphthylene             | 14.52 | 152  | 790454   | 51.838 | nq    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 653747   | 50.135 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 149336   | 59.463 | nq    | 91       |
| 52) Acenaphthene               | 14.86 | 154  | 483137   | 48.811 | nq    | 98       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 39580    | 19.028 | nq #  | 89       |
| 54) 2,4-Dinitrophenol          | 14.90 | 184  | 16309    | 23.780 | nq    | 95       |
| 55) Dibenzofuran               | 15.19 | 168  | 789326   | 49.737 | nq    | 98       |
| 56) 4-Nitrophenol              | 15.00 | 139  | 146409   | 63.395 | nq    | 91       |
| 57) 2,4-Dinitrotoluene         | 15.15 | 165  | 206821   | 63.277 | nq    | 87       |
| 58) Fluorene                   | 15.84 | 166  | 624404   | 52.779 | nq    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 174160   | 56.189 | nq    | 96       |
| 60) Diethylphthalate           | 15.59 | 149  | 657118   | 48.740 | nq    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 334892   | 49.993 | nq    | 96       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 151845   | 54.872 | nq    | 89       |
| 63) Azobenzene                 | 16.12 | 77   | 592496   | 44.963 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 25409    | 22.459 | nq    | 94       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 567954   | 48.295 | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 223613   | 52.115 | nq    | 94       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 227594   | 52.869 | nq    | 96       |
| 69) Atrazine                   | 16.98 | 200  | 211375   | 49.184 | nq    | 98       |
| 70) Pentachlorophenol          | 17.17 | 266  | 119943   | 40.088 | nq    | 98       |
| 71) Phenanthrene               | 17.58 | 178  | 1026101  | 51.259 | nq    | 98       |
| 72) Anthracene                 | 17.67 | 178  | 1044997  | 52.998 | nq    | 99       |
| 73) Carbazole                  | 17.94 | 167  | 912088   | 46.351 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.47 | 149  | 1098473  | 47.849 | nq    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 1195536  | 51.455 | nq    | 98       |
| 77) Benzidine                  | 19.76 | 184  | 116997   | 9.275  | nq    | 98       |
| 78) Pyrene                     | 19.94 | 202  | 1207743  | 50.423 | nq    | 97       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 516211   | 51.090 | nq    | 93       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 1195093  | 52.566 | nq    | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 134431   | 15.947 | nq    | 99       |
| 83) Chrysene                   | 21.88 | 228  | 1118738  | 51.692 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 718535   | 49.847 | nq    | 97       |
| 85) Di-n-octyl phthalate       | 22.94 | 149  | 1196573  | 50.245 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.09 | 276  | 1071045  | 46.125 | nq #  | 96       |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 1119357  | 54.937 | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 1166893  | 57.044 | nq    | 99       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 1125503  | 57.357 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.16 | 278  | 844202   | 45.939 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.32 | 276  | 874682   | 47.754 | nq    | 99       |

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





#1

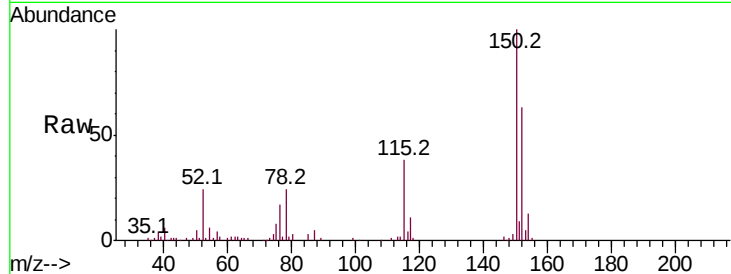
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampled :  
COMPMSSD

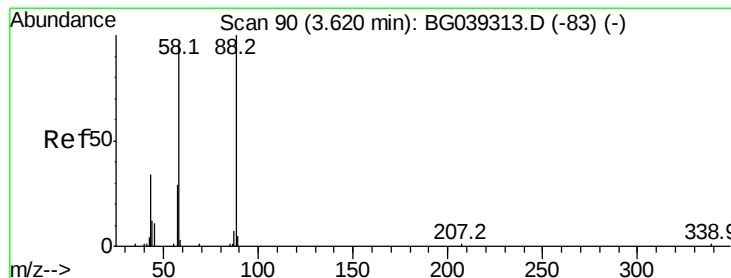
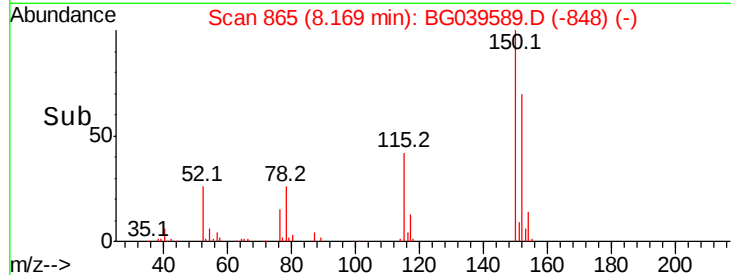
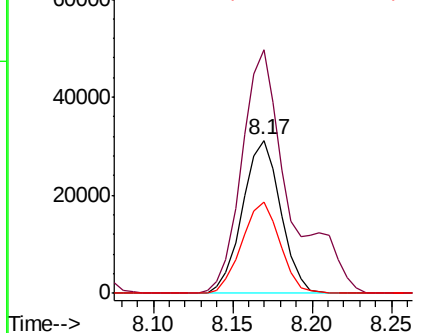
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 123.7 | 185.5 |
| 115     | 59.9  | 45.9  | 68.9  |

Manual Integrations  
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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

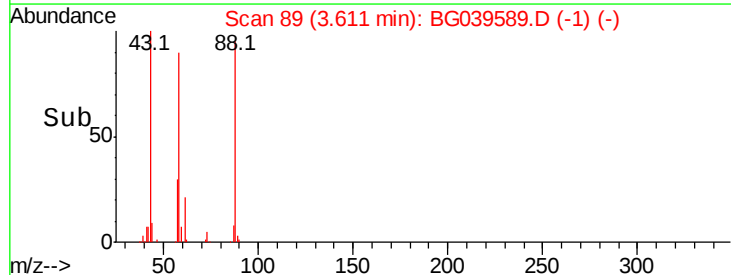
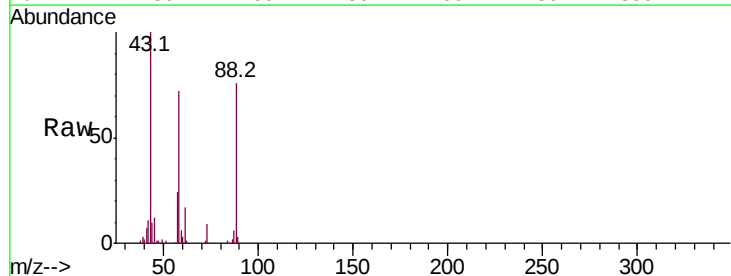
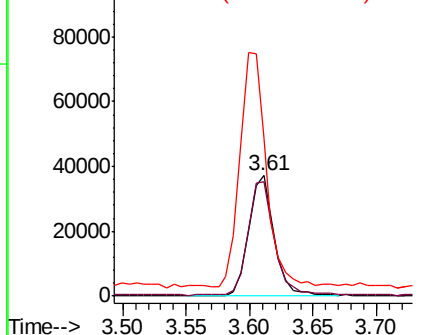


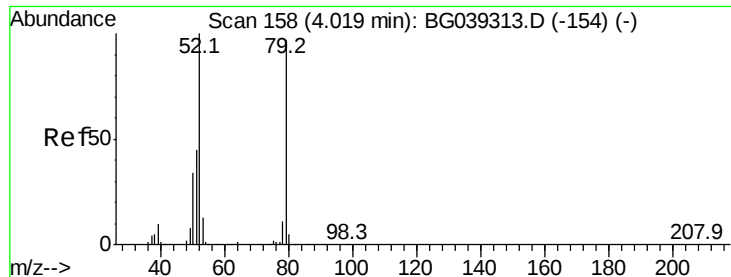
#2

1,4-Dioxane  
Concen: 39.326 ng  
RT: 3.61 min Scan# 89  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.0  | 81.1  | 121.7 |
| 43      | 198.3 | 31.4  | 47.0# |

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: 39.973 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

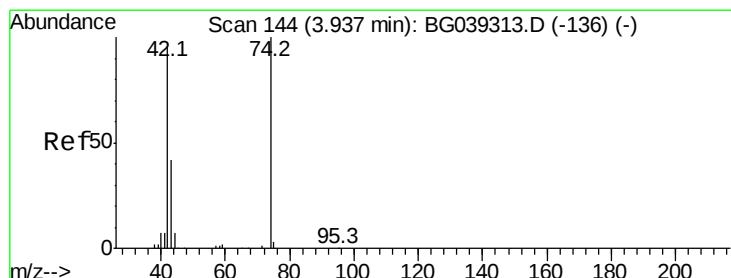
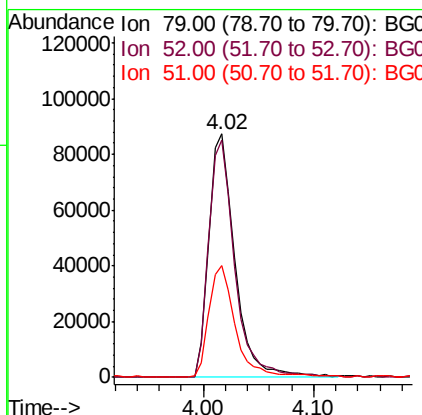
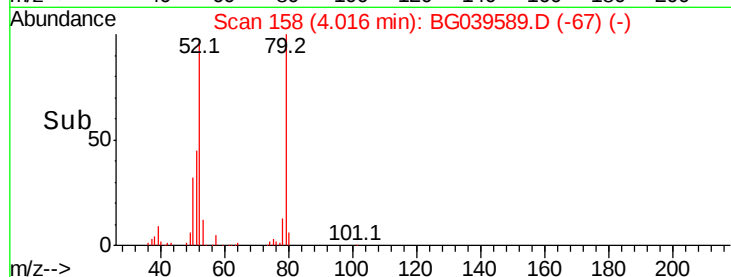
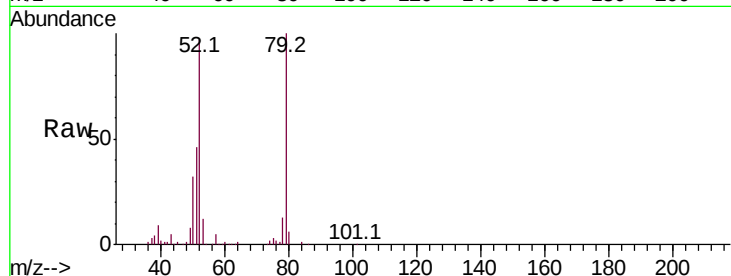
ClientSampled :

COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 141251 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 97.2  | 82.6  | 124.0  |
| 51        | 45.8  | 37.5  | 56.3   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 44.427 ng

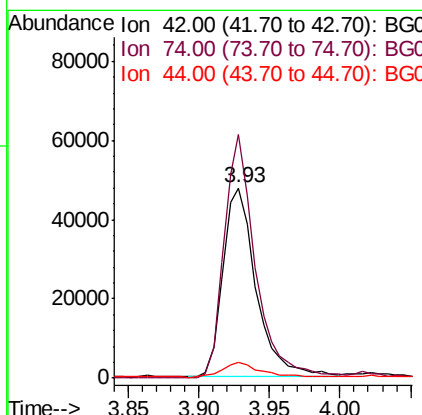
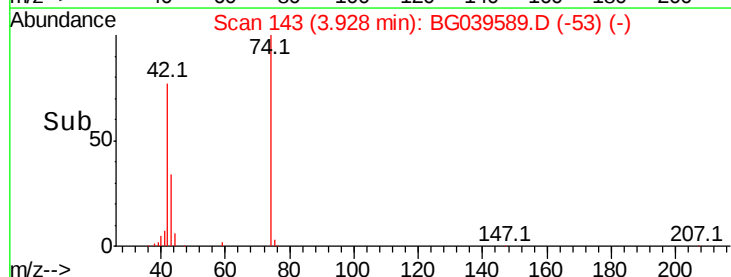
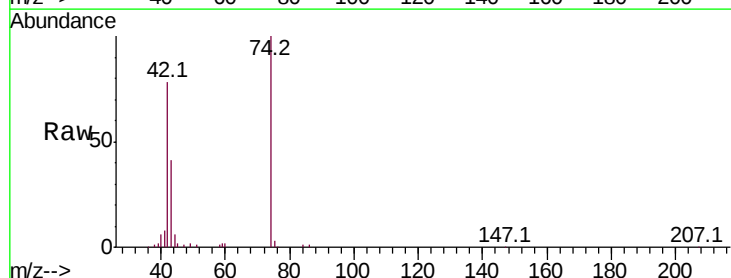
RT: 3.93 min Scan# 143

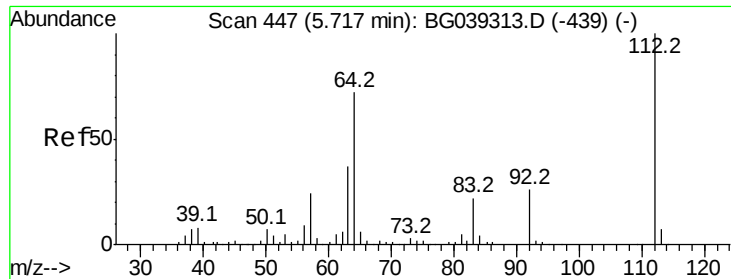
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 78512  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 127.9 | 83.6  | 125.4# |
| 44        | 8.1   | 6.9   | 10.3   |





#5

2-Fluorophenol

Concen: 143.664 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

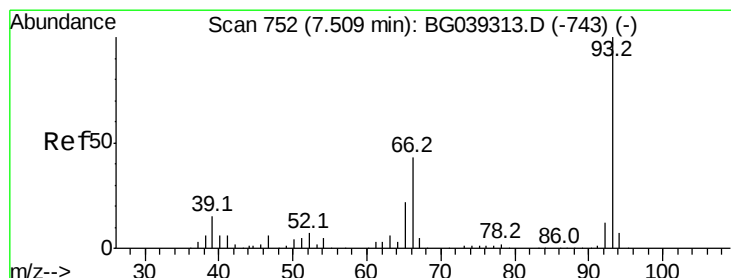
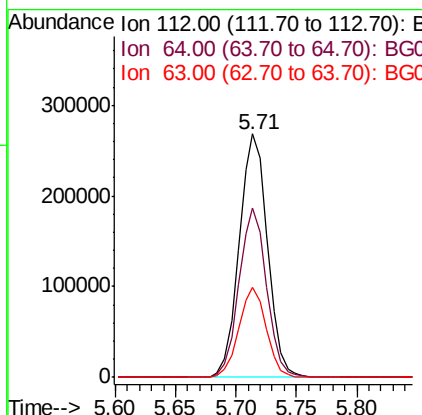
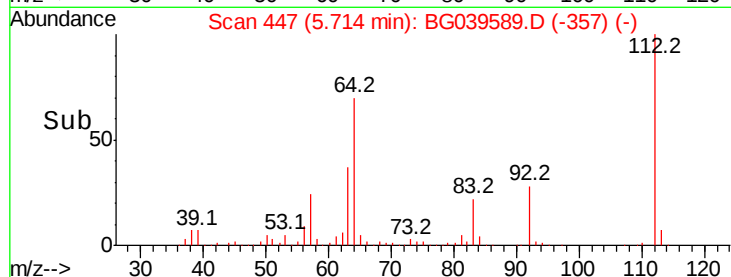
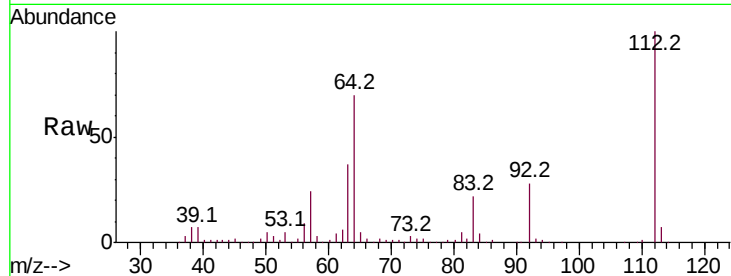
ClientSampled :

COMPMSSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 438344 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.7  | 57.8  | 86.8   |
| 63        | 36.9  | 29.8  | 44.6   |

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#6

Aniline

Concen: 18.390 ng

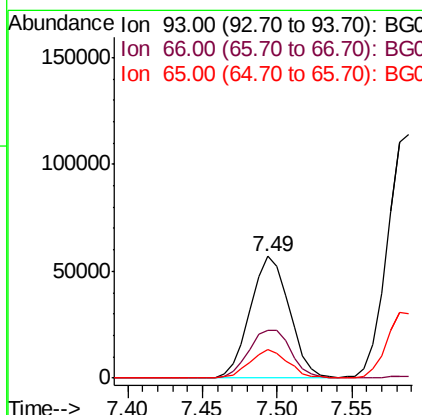
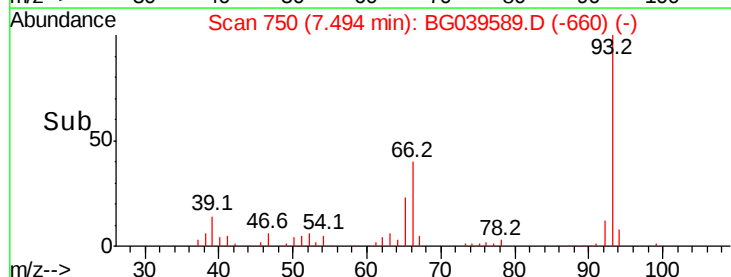
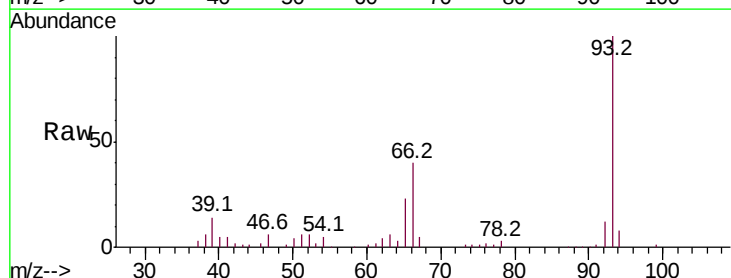
RT: 7.49 min Scan# 750

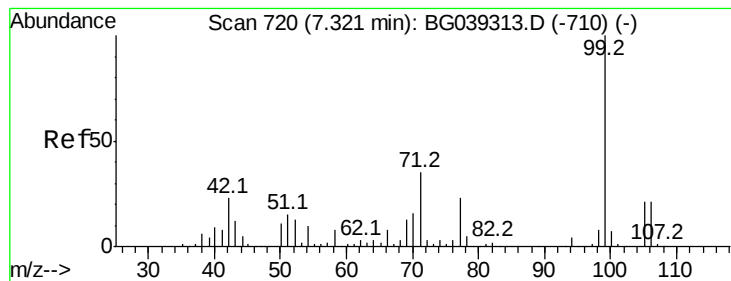
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 103456 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.7  | 34.2  | 51.4   |
| 65        | 23.4  | 17.7  | 26.5   |





#7

Phenol-d6

Concen: 129.986 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

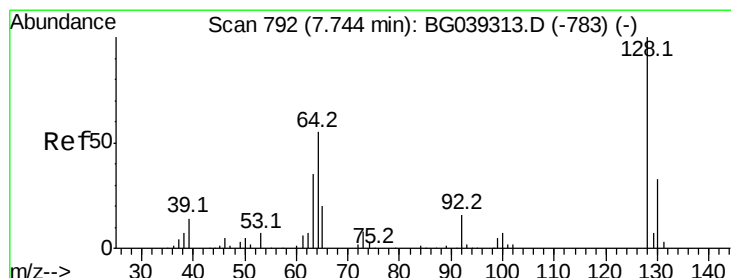
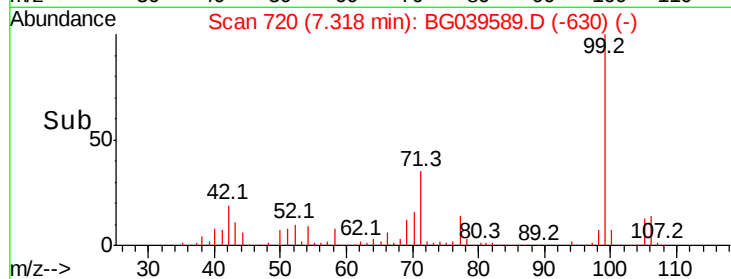
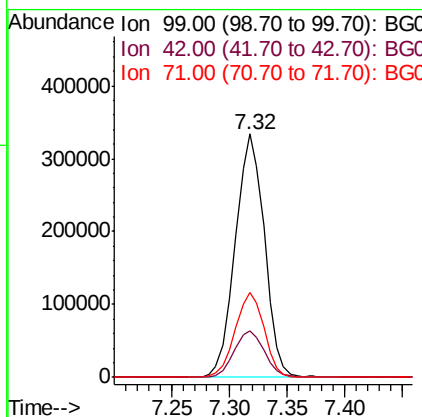
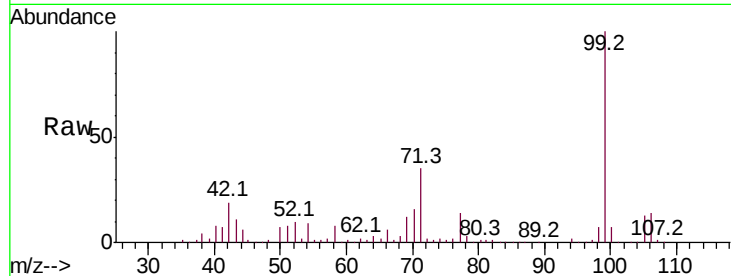
ClientSampled :

COMPMSSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 583796 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.2  | 18.2  | 27.2   |
| 71        | 34.6  | 28.0  | 42.0   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 56.610 ng

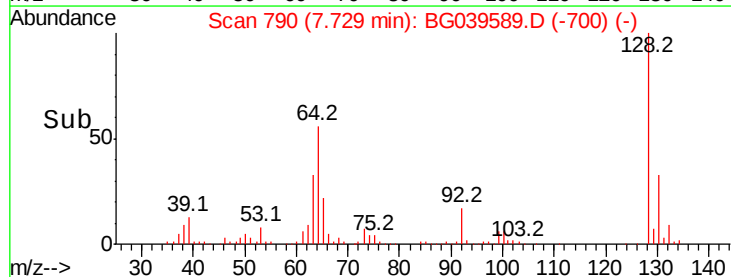
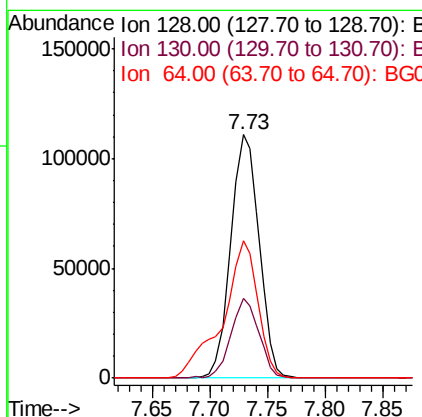
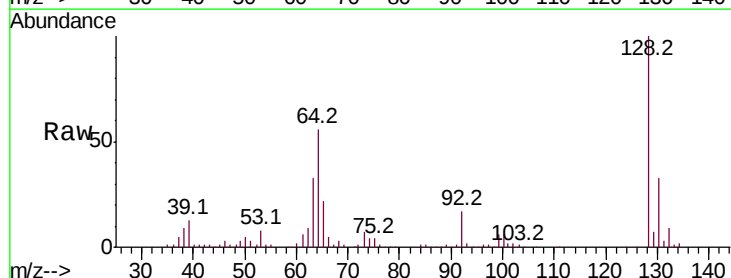
RT: 7.73 min Scan# 790

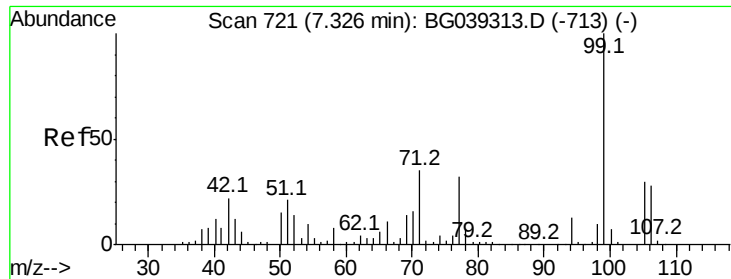
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 188807 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.5  | 12.9  | 52.9   |
| 64        | 56.2  | 38.7  | 78.7   |





#9

Benzaldehyde

Concen: 60.389 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

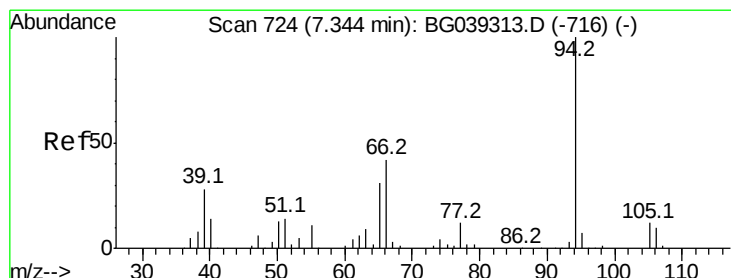
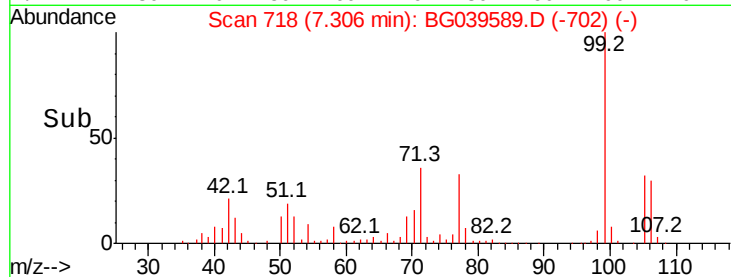
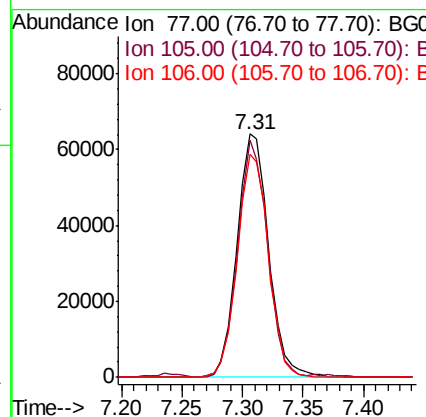
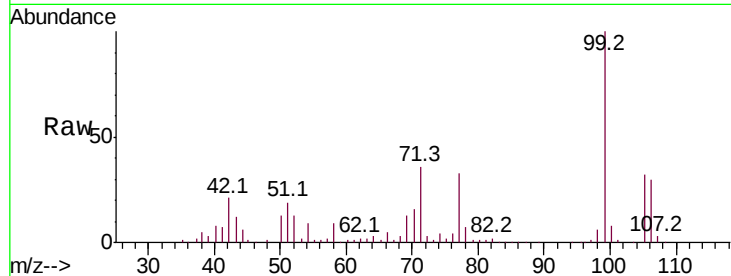
ClientSampled :

COMPMSSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 117136 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 97.3  | 74.5  | 114.5  |
| 106      | 91.8  | 68.0  | 108.0  |

Manual Integrations  
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#10

Phenol

Concen: 46.477 ng

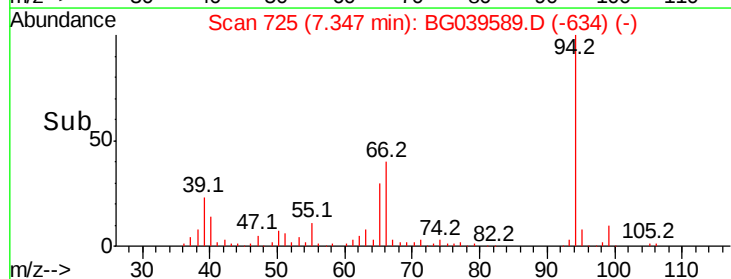
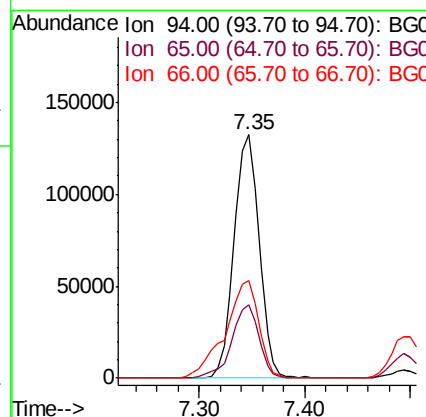
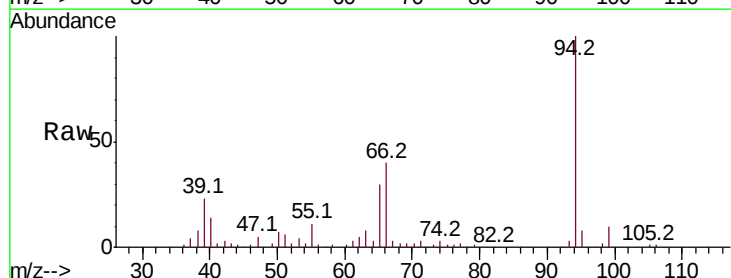
RT: 7.35 min Scan# 725

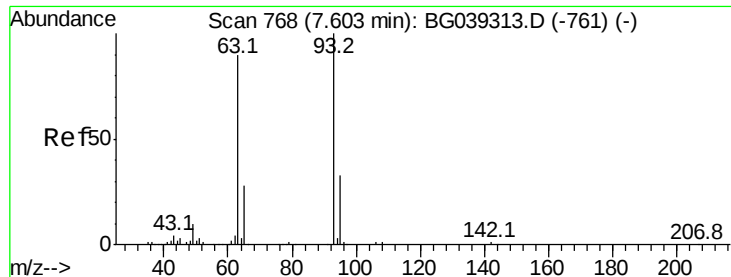
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 217595 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.3  | 11.7  | 51.7   |
| 66       | 40.1  | 23.7  | 63.7   |





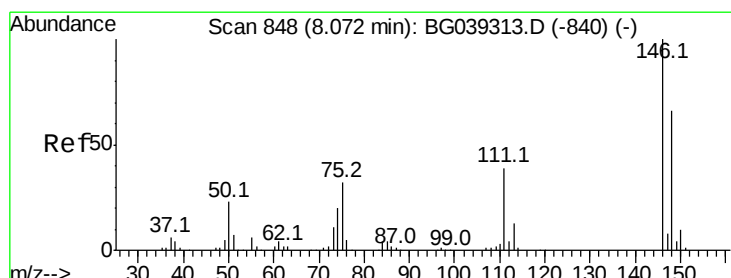
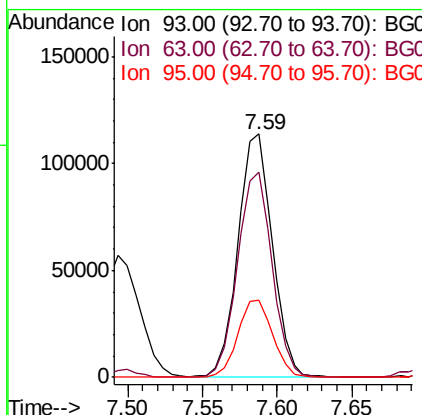
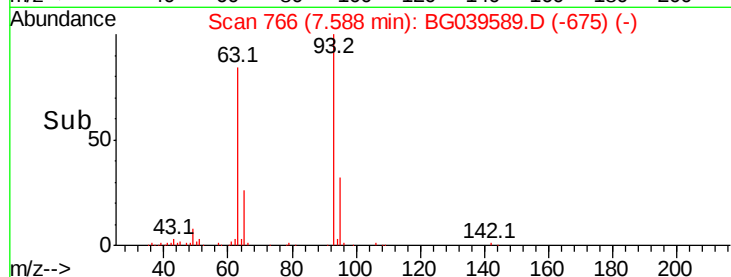
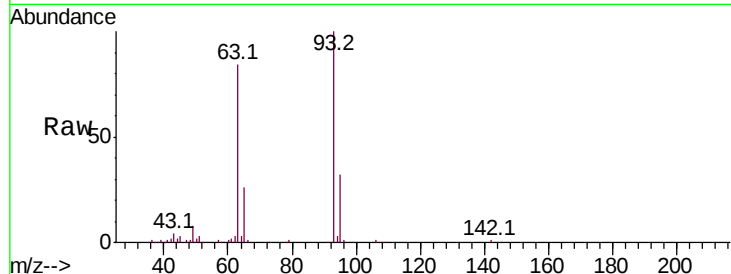
#11  
bis(2-Chloroethyl)ether  
Concen: 49.305 ng  
RT: 7.59 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampled :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 84.2  | 69.5  | 109.5 |
| 95      | 31.9  | 12.7  | 52.7  |

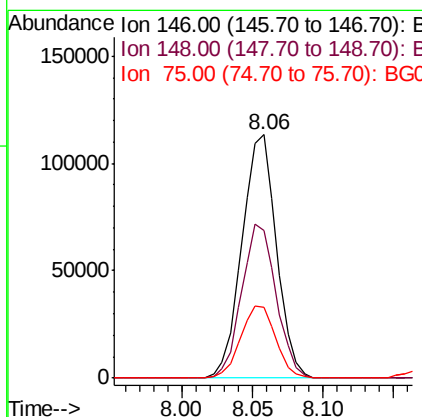
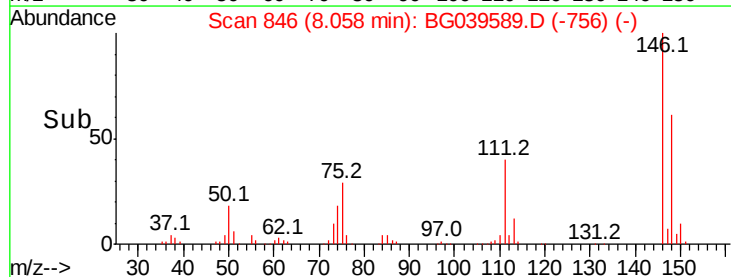
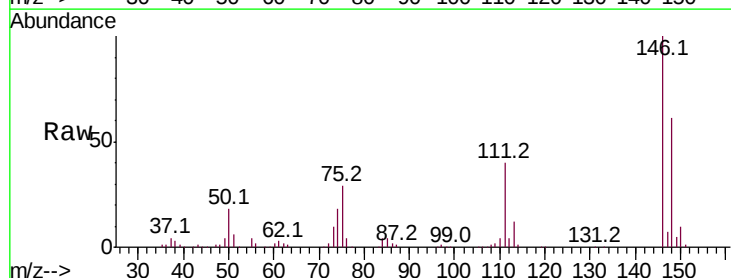
Manual Integrations  
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#12  
1,3-Dichlorobenzene  
Concen: 47.979 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.8  | 52.6  | 79.0  |
| 75      | 29.0  | 25.8  | 38.6  |





#13

1,4-Dichlorobenzene

Concen: 49.399 ng

RT: 8.20 min Scan# 871

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

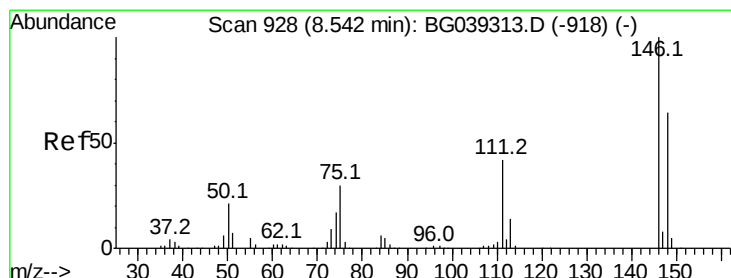
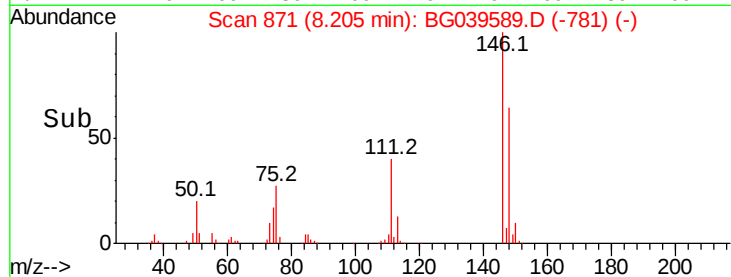
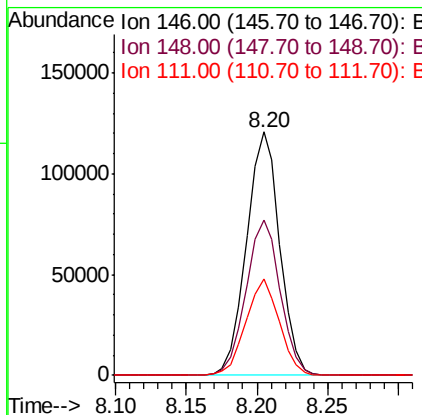
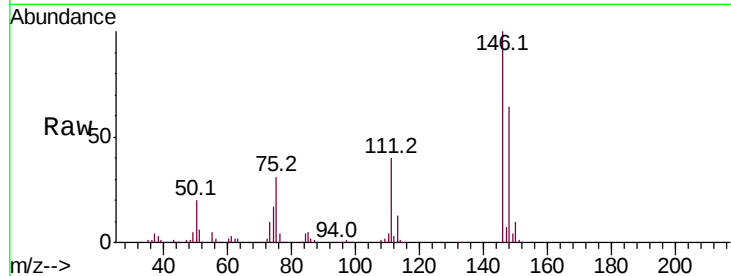
ClientSampled :

COMPMDS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 198936 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.0  | 51.1  | 76.7   |
| 111       | 39.6  | 32.6  | 48.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 49.956 ng

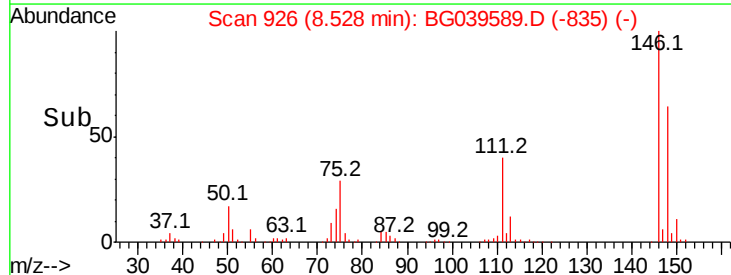
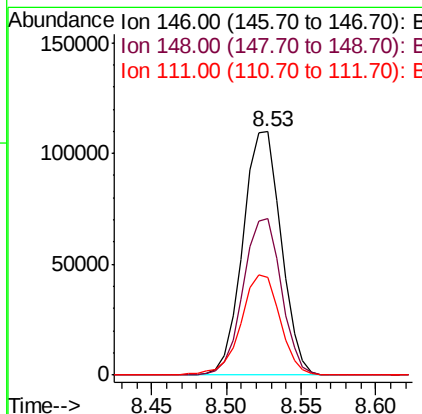
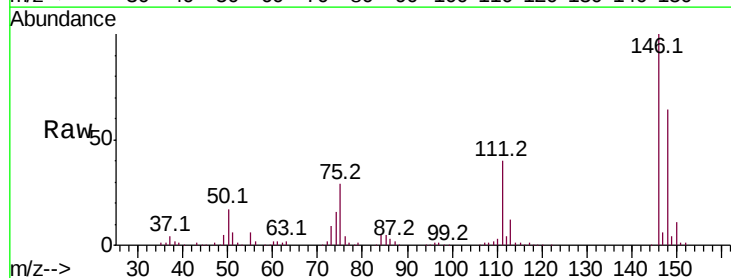
RT: 8.53 min Scan# 926

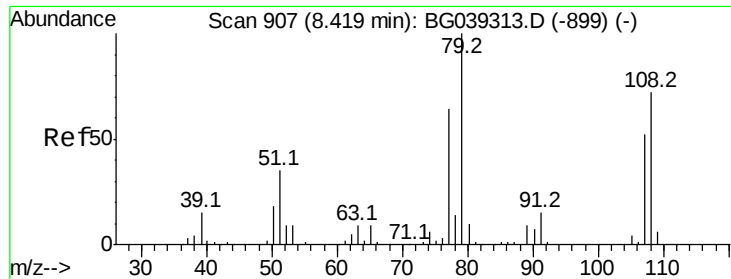
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 194753 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.2  | 51.5  | 77.3   |
| 111       | 40.3  | 33.8  | 50.6   |





#15

Benzyl Alcohol

Concen: 51.974 ng

RT: 8.41 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

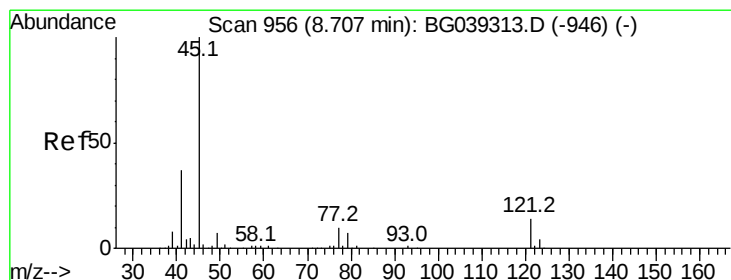
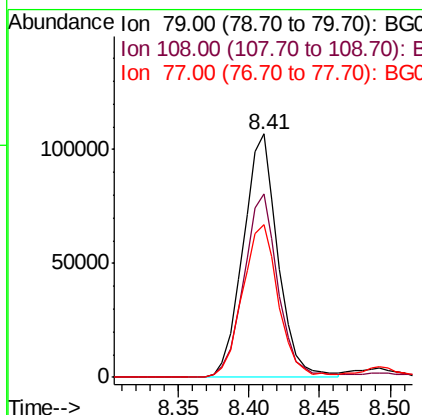
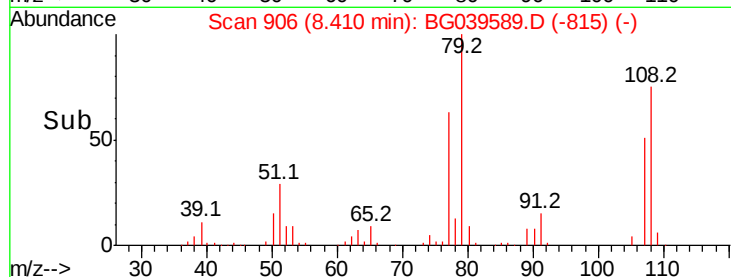
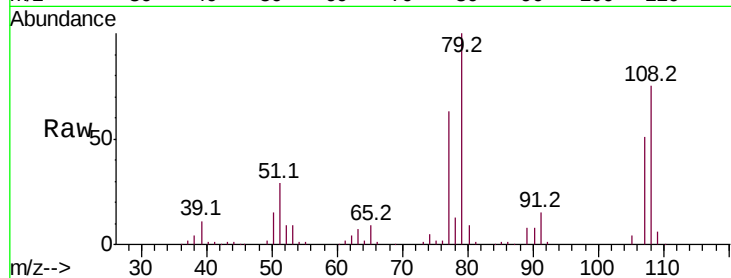
ClientSampled :

COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 183259 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 75.2  | 57.8  | 86.6   |
| 77        | 62.6  | 51.1  | 76.7   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.935 ng

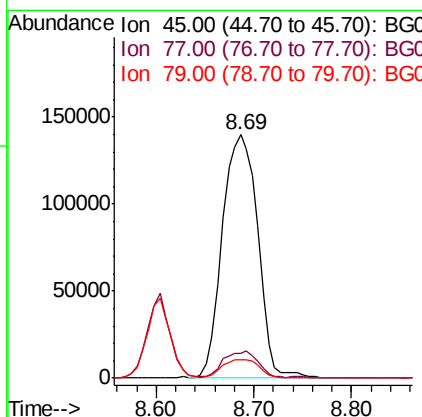
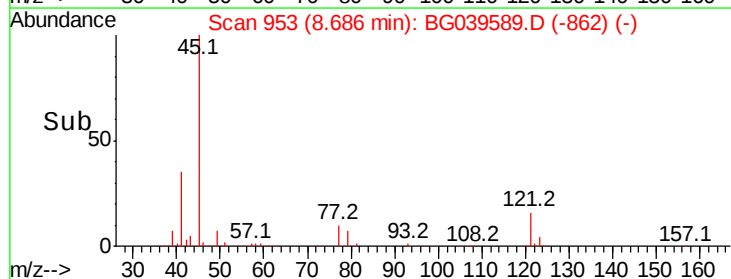
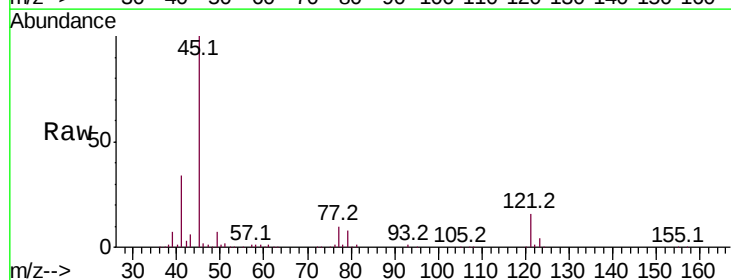
RT: 8.69 min Scan# 953

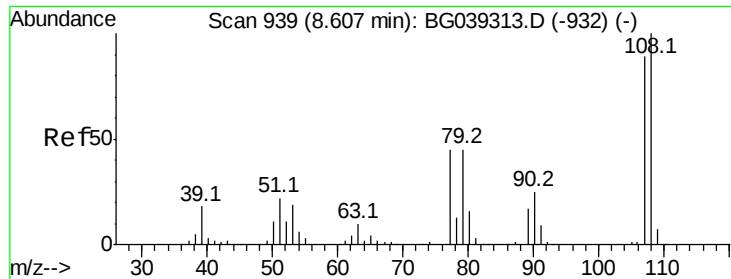
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 350337 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.1  | 0.0   | 30.0   |
| 79        | 7.6   | 0.0   | 27.5   |





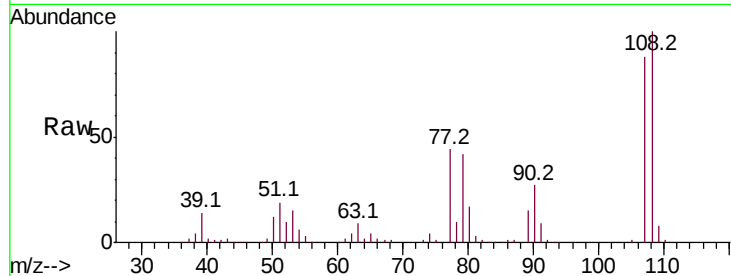
#17  
2-Methylphenol  
Concen: 54.197 ng  
RT: 8.60 min Scan# 939  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 164202 |       |       |
| 108     | 114.2 | 90.8   | 136.2 |       |
| 77      | 50.7  | 40.7   | 61.1  |       |
| 79      | 47.6  | 40.6   | 60.8  |       |

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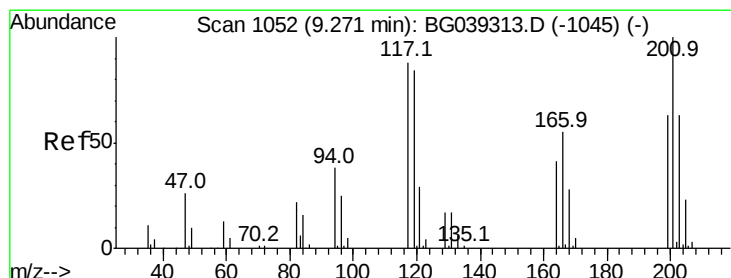
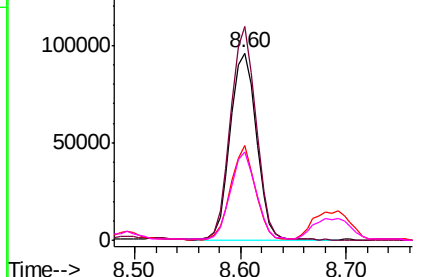
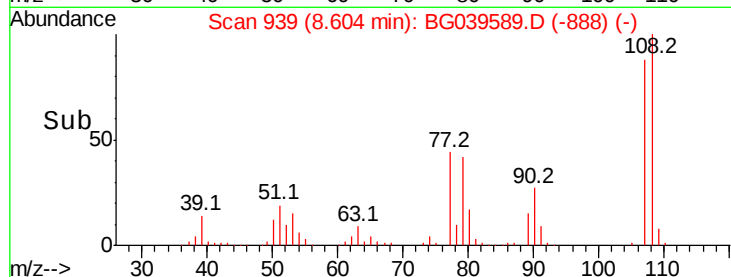
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

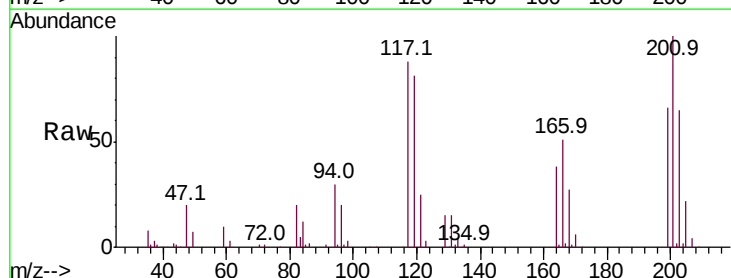
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 49.700 ng  
RT: 9.26 min Scan# 1050  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 68859 |       |       |
| 119     | 92.1  | 76.3  | 114.5 |       |
| 201     | 113.1 | 91.1  | 136.7 |       |

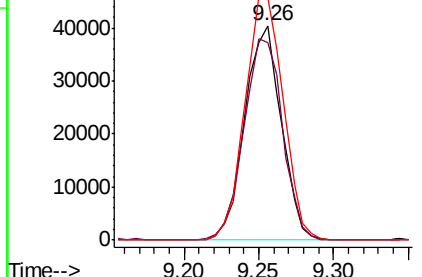
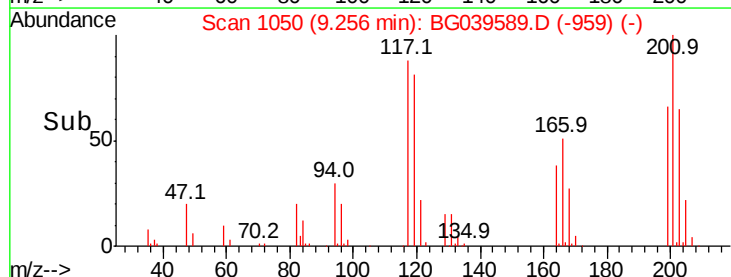


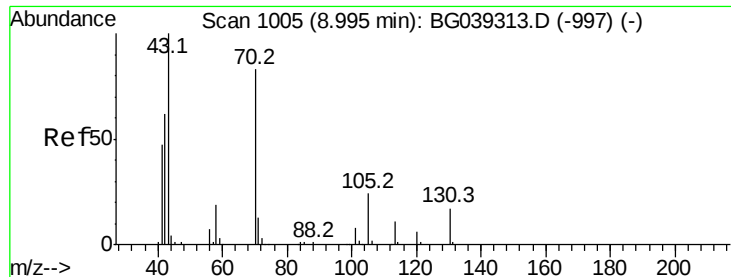
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.308 ng

RT: 8.97 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

ClientSampleId :

COMPMSD

Tot Ion: 70 Resp: 157180

Ion Ratio Lower Upper

70 100

42 64.3 60.4 90.6

101 10.5 7.5 11.3

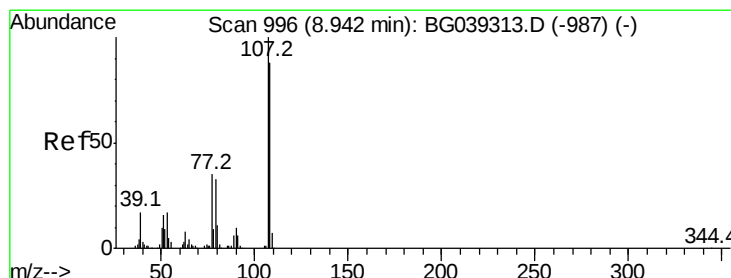
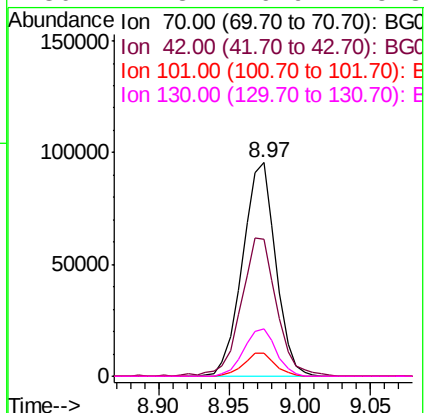
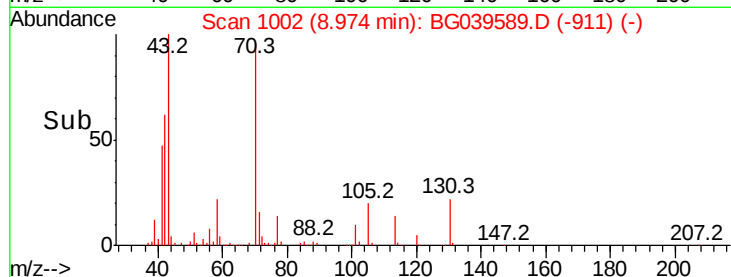
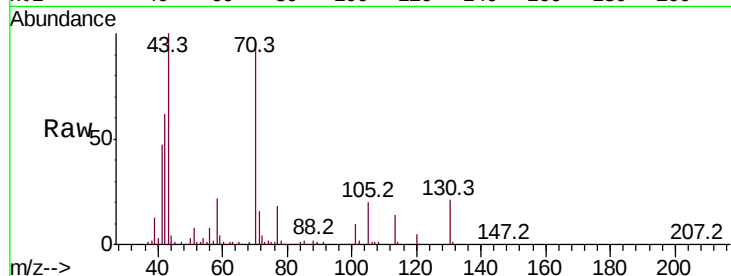
130 22.3 16.9 25.3

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#20

3+4-Methylphenols

Concen: 54.365 ng

RT: 8.93 min Scan# 995

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Tgt Ion: 107 Resp: 226815

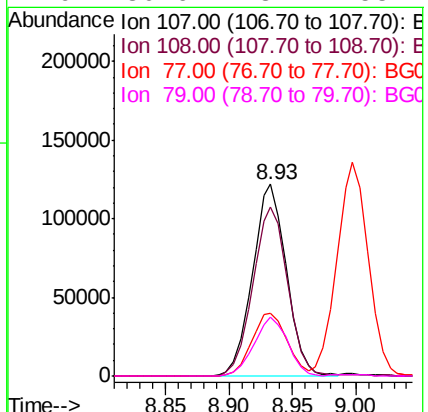
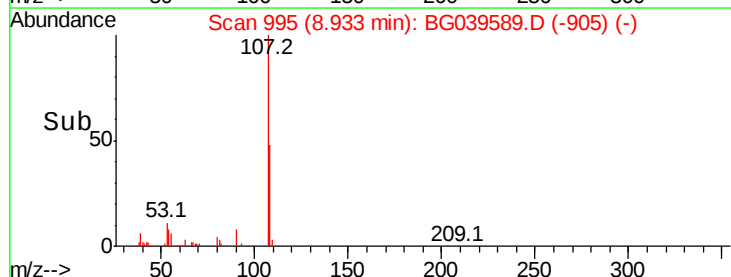
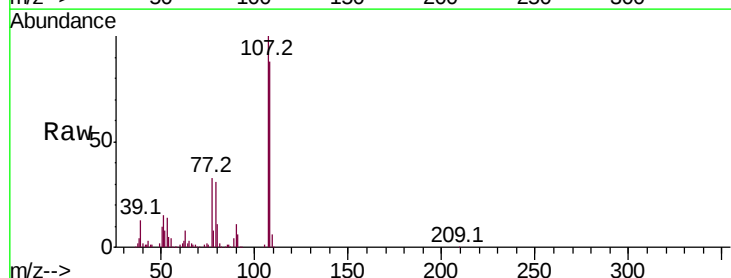
Ion Ratio Lower Upper

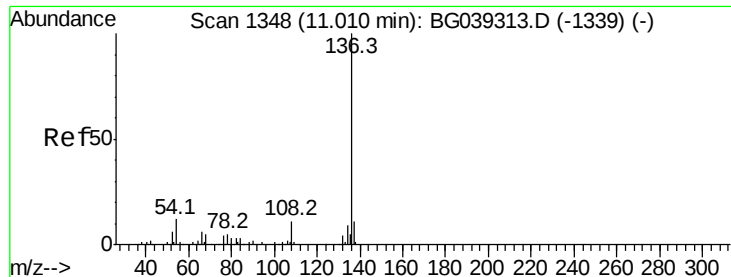
107 100

108 88.0 67.9 107.9

77 32.5 15.4 55.4

79 30.6 13.7 53.7





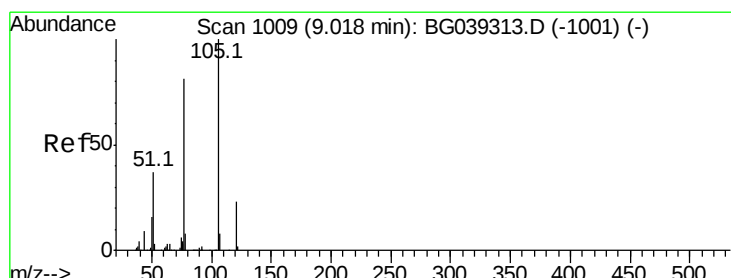
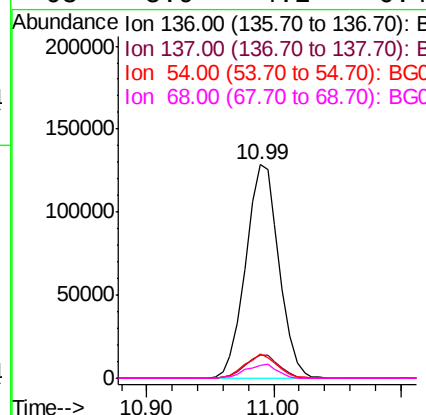
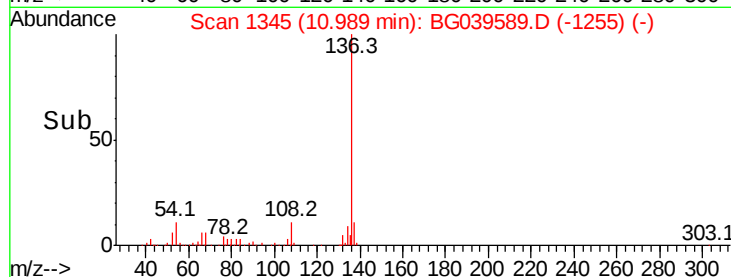
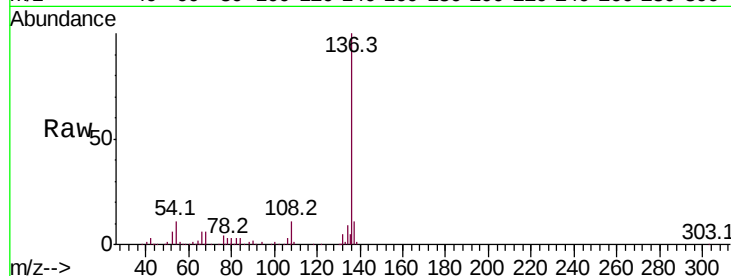
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 10.5  | 9.1        | 13.7  |
| 54      | 11.2  | 9.4        | 14.2  |
| 68      | 5.9   | 4.2        | 6.4   |

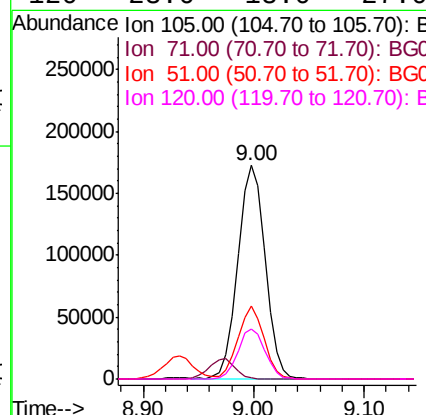
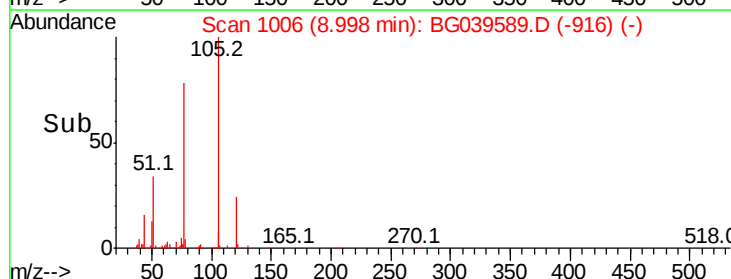
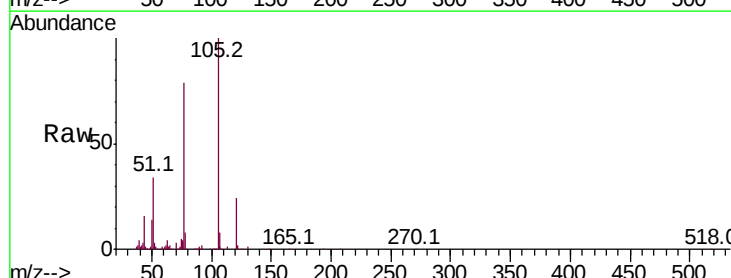
Manual Integrations  
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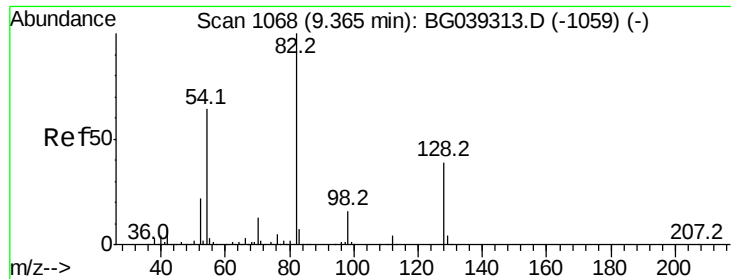
Sohil  
2/26/2019 2:40:30 PM



#22  
Acetophenone  
Concen: 48.005 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 0.4   | 0.8        | 1.2#  |
| 51      | 34.0  | 30.2       | 45.2  |
| 120     | 23.6  | 18.0       | 27.0  |





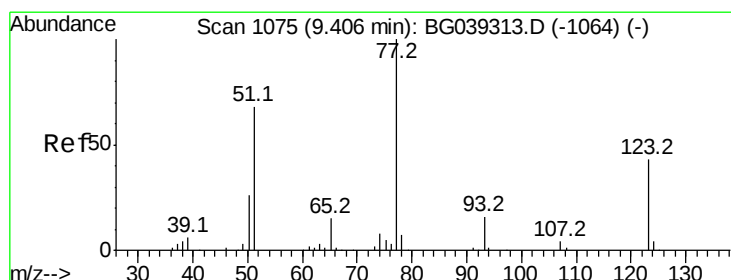
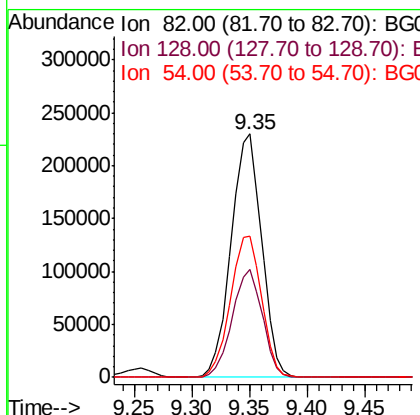
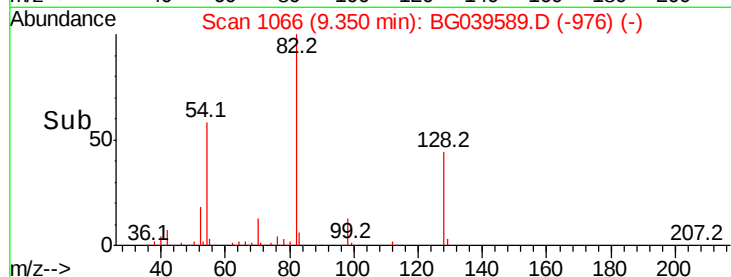
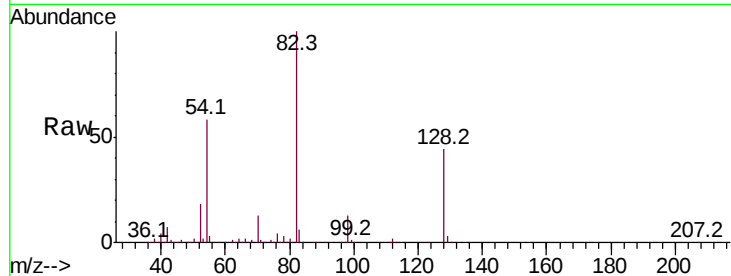
#23  
 Nitrobenzene-d5  
 Concen: 112.842 ng  
 RT: 9.35 min Scan# 1066  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.3  | 31.3  | 46.9  |
| 54      | 58.1  | 50.9  | 76.3  |

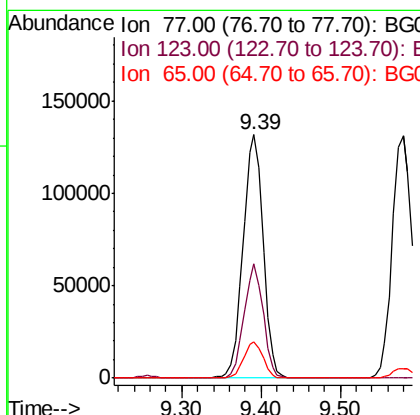
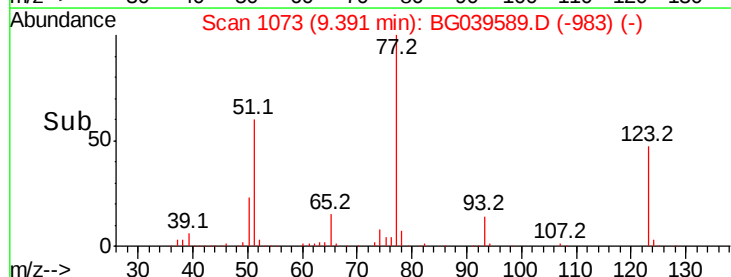
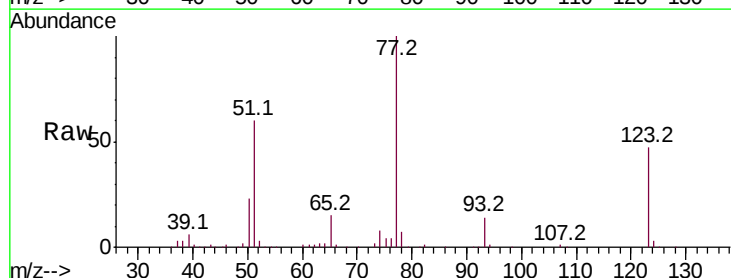
Manual Integrations  
 APPROVED

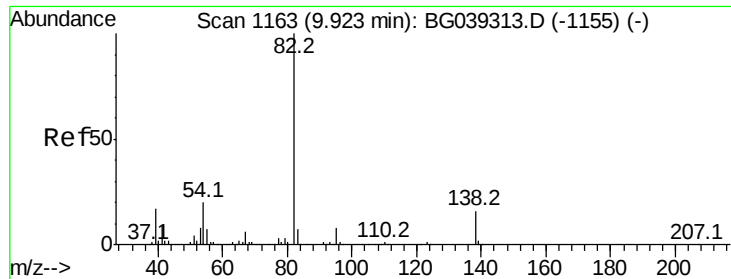
Sohil  
 2/26/2019 2:40:30 PM



#24  
 Nitrobenzene  
 Concen: 57.268 ng  
 RT: 9.39 min Scan# 1073  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 47.1  | 34.1  | 51.1  |
| 65      | 14.8  | 12.3  | 18.5  |





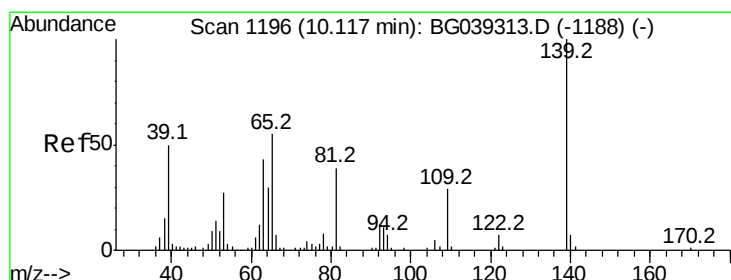
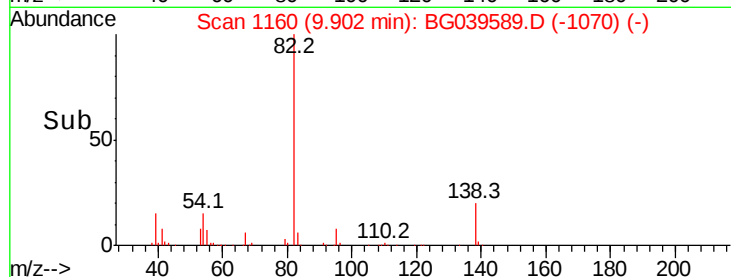
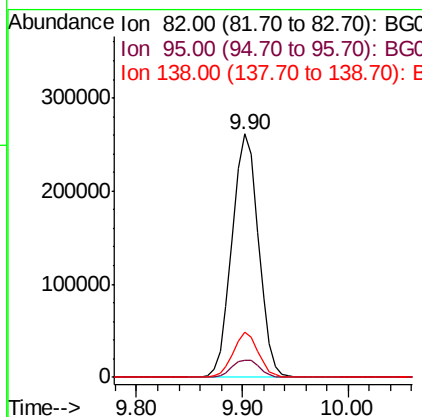
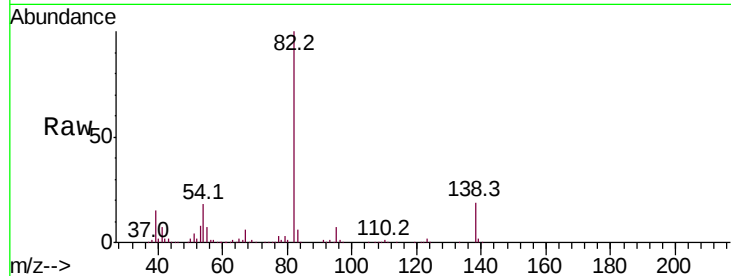
#25  
Isophorone  
Concen: 54.512 ng  
RT: 9.90 min Scan# 1160  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 7.2   | 6.2   | 9.2   |
| 138     | 18.6  | 13.0  | 19.4  |

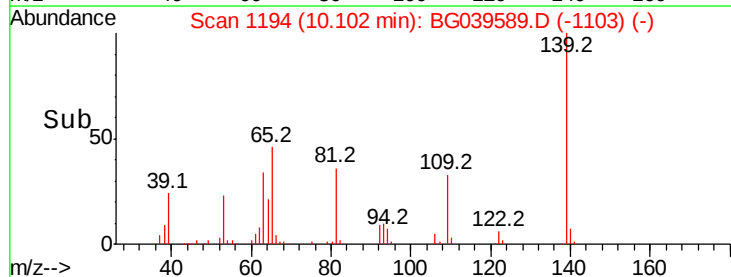
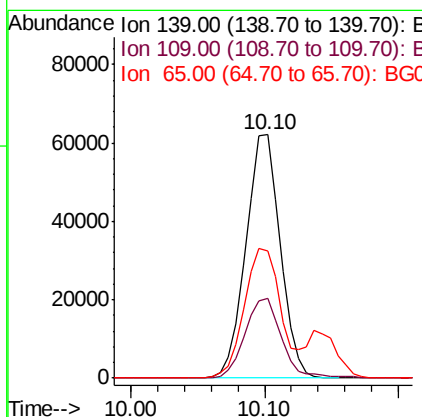
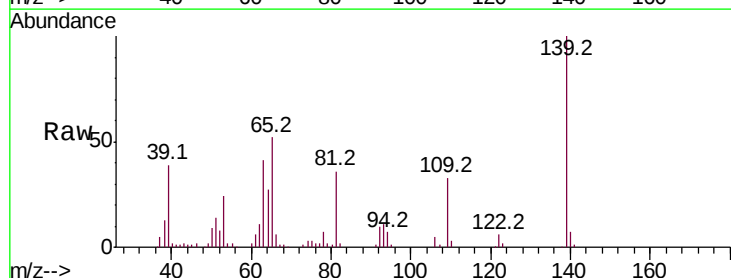
Manual Integrations  
APPROVED

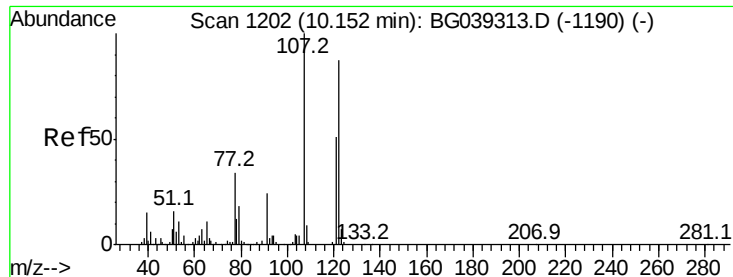
Sohil  
2/26/2019 2:40:30 PM



#26  
2-Nitrophenol  
Concen: 63.150 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 32.9  | 23.4  | 35.0  |
| 65      | 52.2  | 44.3  | 66.5  |





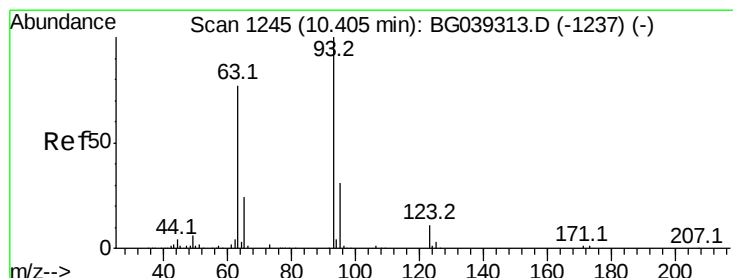
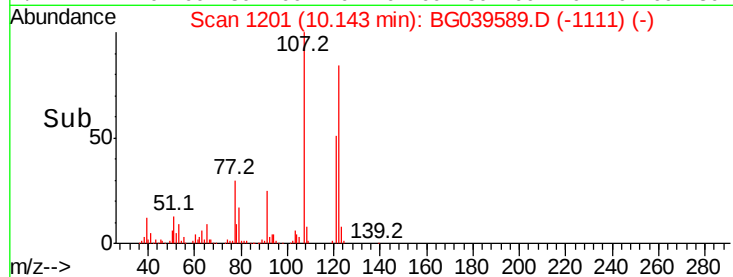
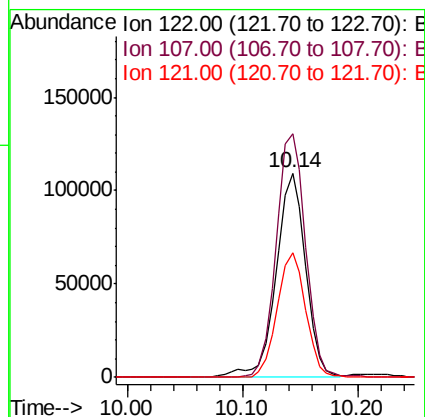
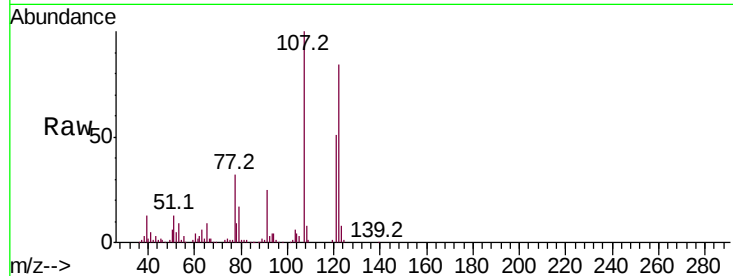
#27  
2,4-Dimethylphenol  
Concen: 57.988 ng  
RT: 10.14 min Scan# 1201  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.2 | 91.7  | 137.5 |
| 121     | 61.1  | 46.4  | 69.6  |

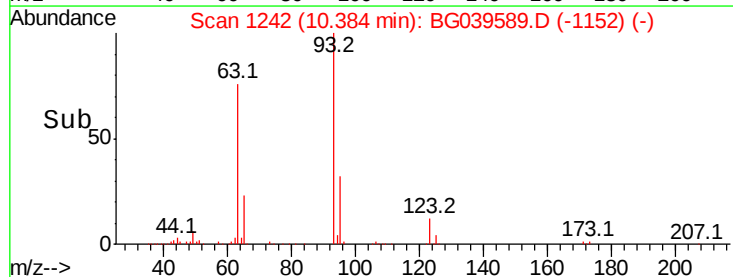
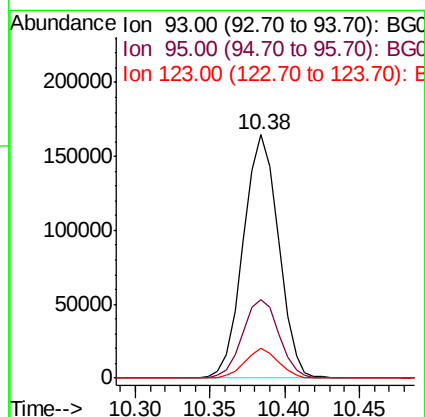
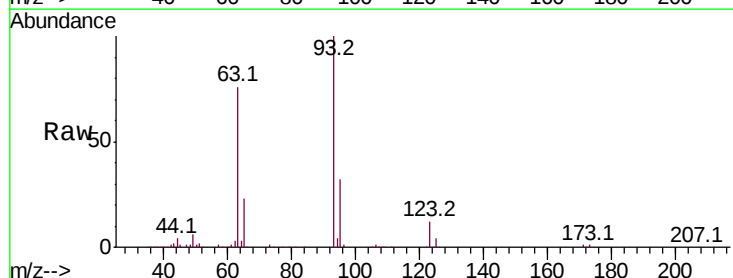
Manual Integrations  
APPROVED

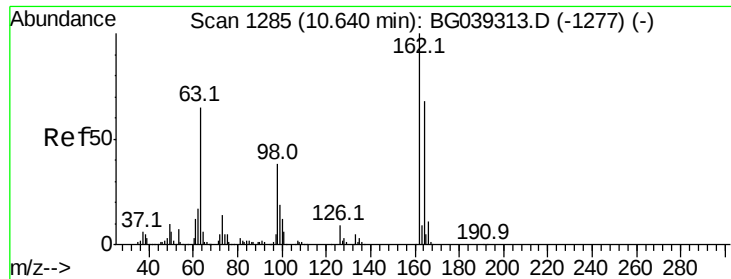
Sohil  
2/26/2019 2:40:30 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 52.720 ng  
RT: 10.38 min Scan# 1242  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 25.0  | 37.4  |
| 123     | 12.2  | 8.6   | 12.8  |





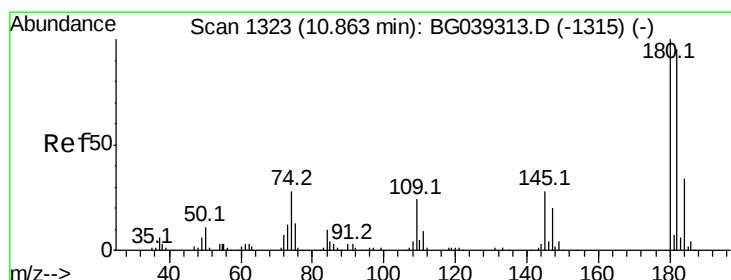
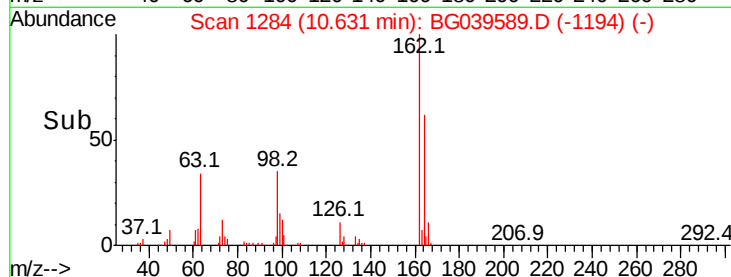
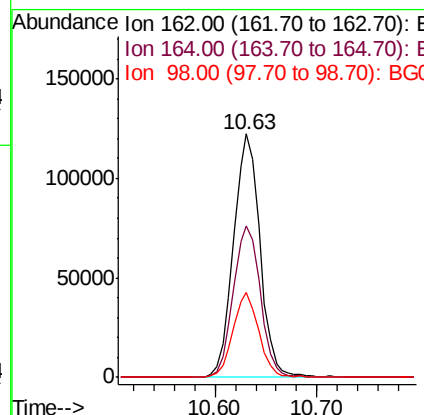
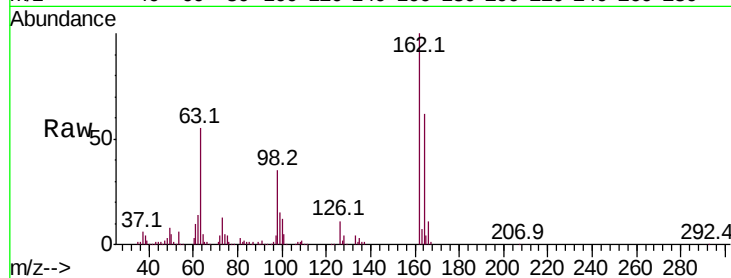
#29  
 2,4-Dichlorophenol  
 Concen: 60.272 ng  
 RT: 10.63 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 220986 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.3  | 48.1  | 88.1   |
| 98        | 34.9  | 18.1  | 58.1   |

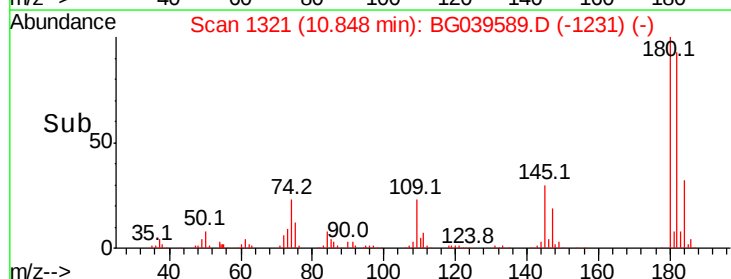
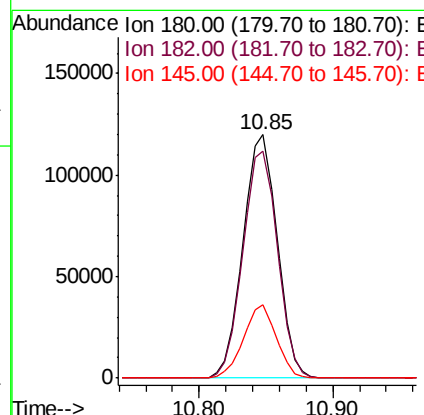
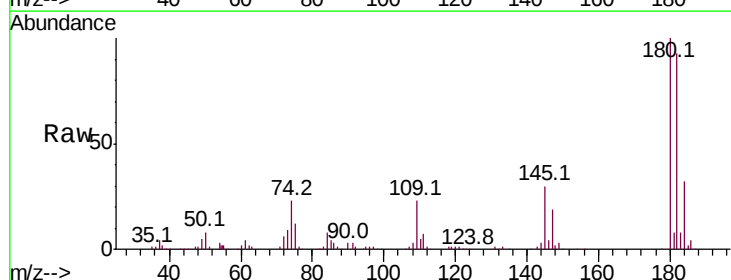
Manual Integrations  
 APPROVED

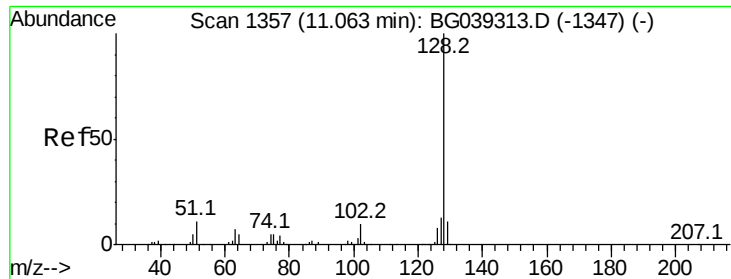
Sohil  
 2/26/2019 2:40:30 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 51.717 ng  
 RT: 10.85 min Scan# 1321  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 212885 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.3  | 76.0  | 114.0  |
| 145       | 30.2  | 22.7  | 34.1   |





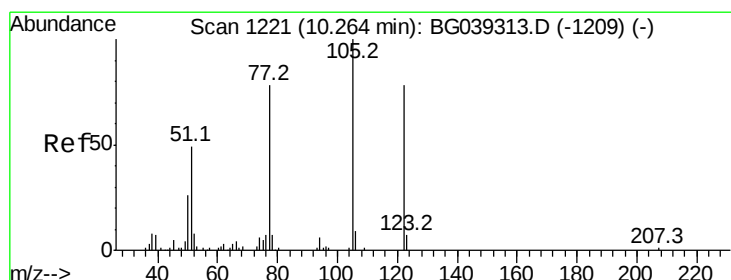
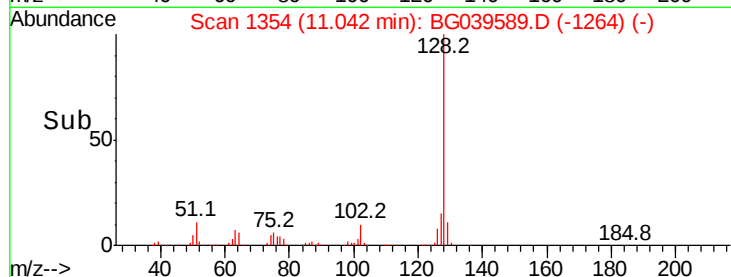
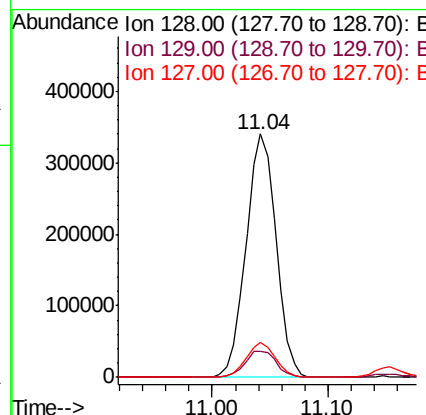
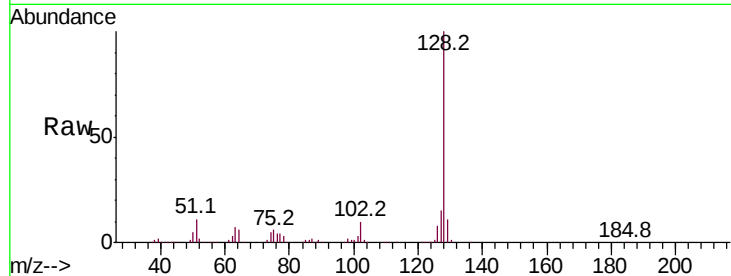
#31  
Naphthalene  
Concen: 53.041 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.7   | 13.1  |
| 127     | 14.6  | 10.8  | 16.2  |

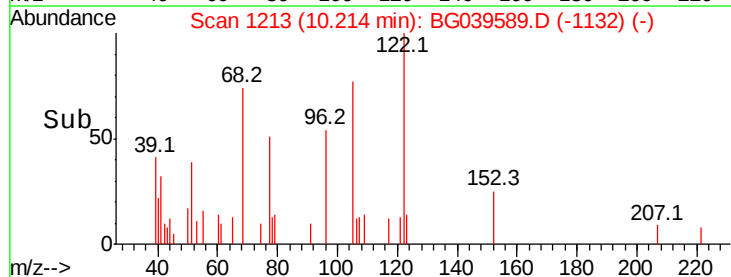
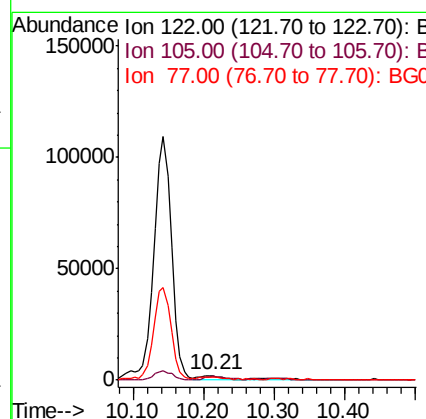
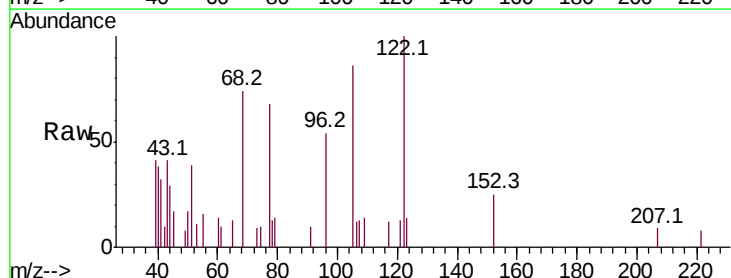
Manual Integrations  
APPROVED

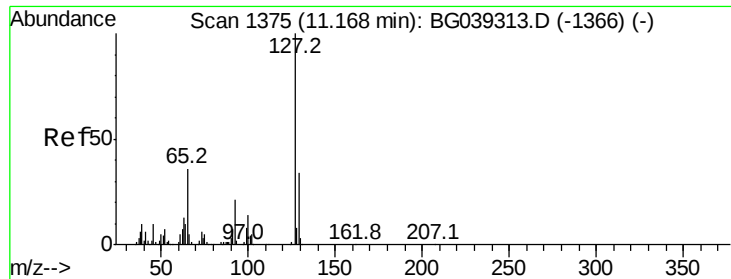
Sohil  
2/26/2019 2:40:30 PM



#32  
Benzoic acid  
Concen: 12.075 ng m  
RT: 10.21 min Scan# 1213  
Delta R.T. -0.05 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 86.0  | 101.8 | 141.8# |
| 77      | 68.3  | 76.3  | 116.3# |





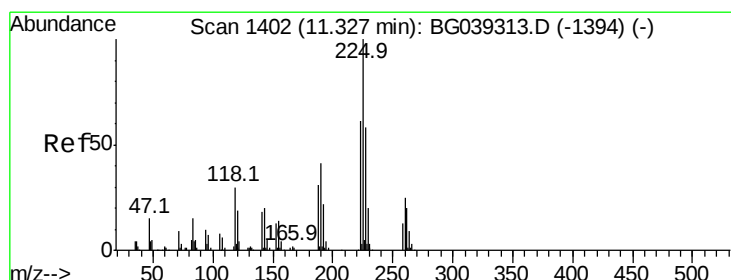
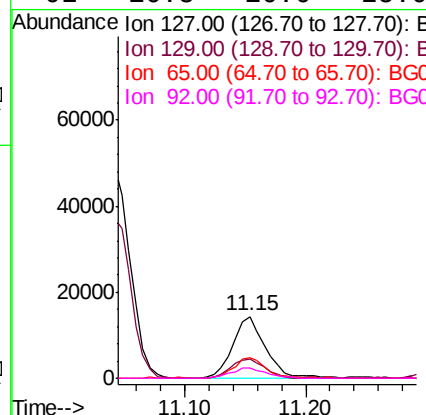
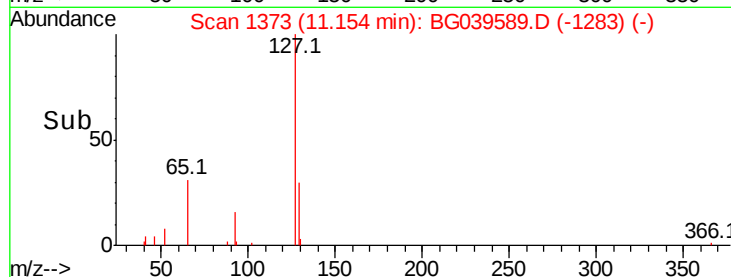
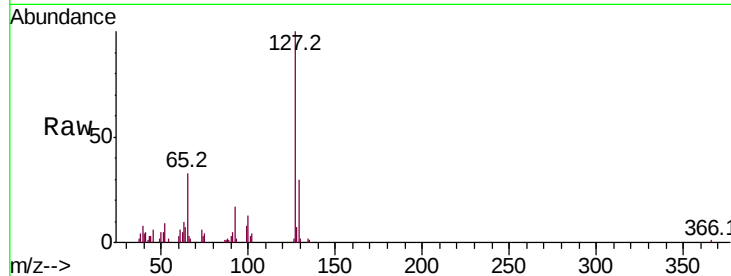
#33  
4-Chloroaniline  
Concen: 5.023 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.5  | 27.0  | 40.4  |
| 65      | 33.2  | 28.8  | 43.2  |
| 92      | 16.8  | 16.6  | 25.0  |

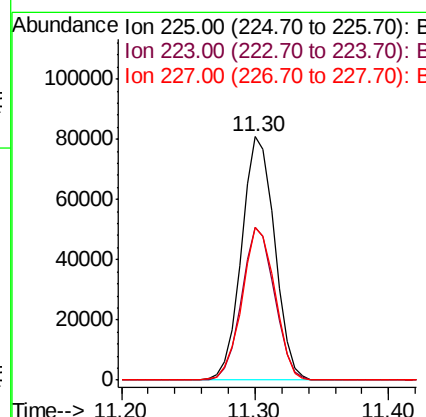
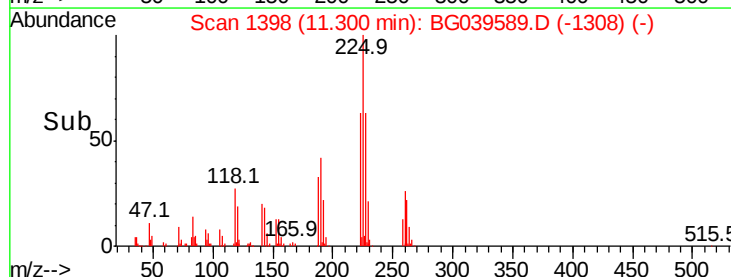
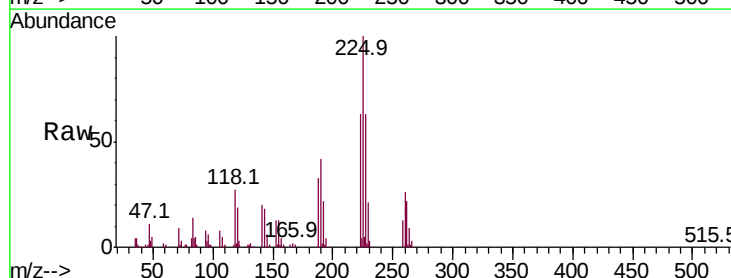
Manual Integrations  
APPROVED

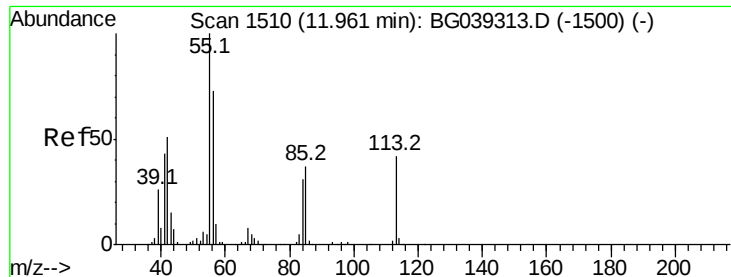
Sohil  
2/26/2019 2:40:30 PM



#34  
Hexachlorobutadiene  
Concen: 50.392 ng  
RT: 11.30 min Scan# 1398  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 49.0  | 73.6  |
| 227     | 62.8  | 46.3  | 69.5  |





#35

Caprolactam

Concen: 35.382 ng

RT: 11.93 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

ClientSampled :

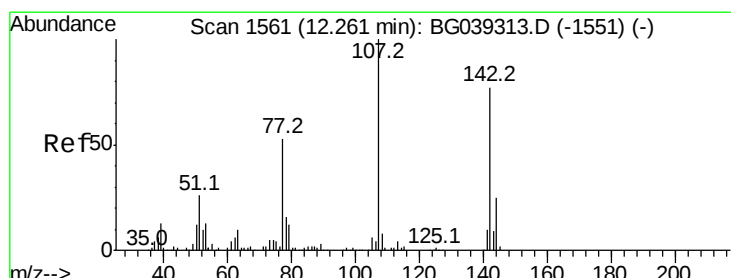
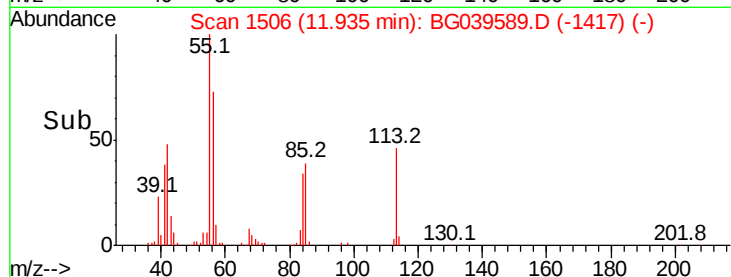
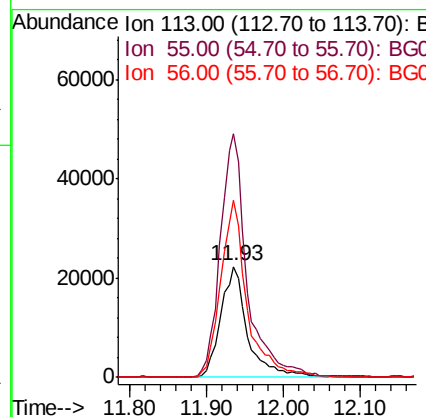
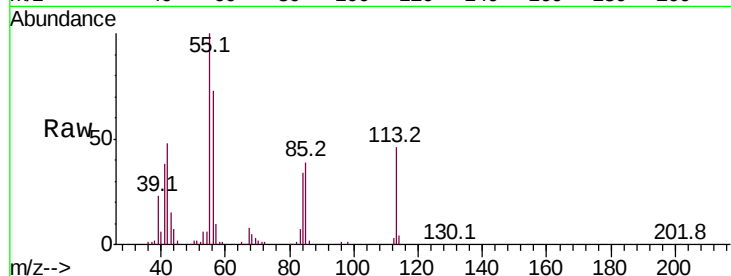
COMPMSD

Tot Ion:113 Resp: 53682

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 55  | 219.2 | 216.9 | 256.9 |
| 56  | 159.2 | 152.6 | 192.6 |

Manual Integrations  
APPROVED

Sohil  
2/26/2019 2:40:30 PM



#36

4-Chloro-3-methylphenol

Concen: 54.964 ng

RT: 12.26 min Scan# 1561

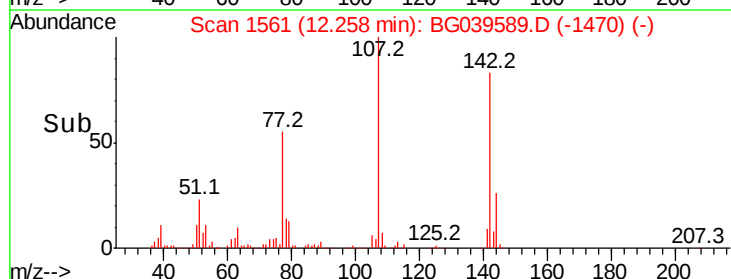
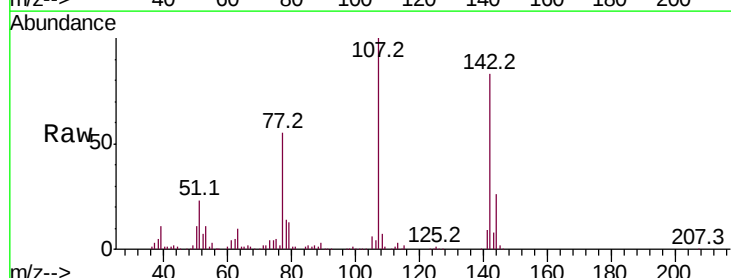
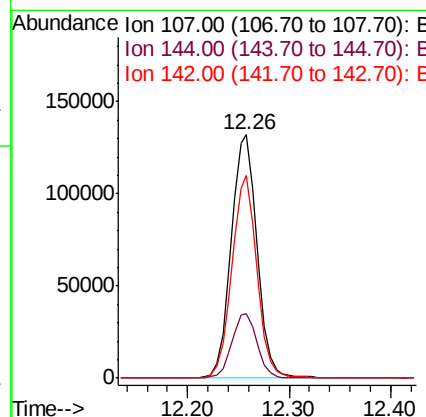
Delta R.T. 0.01 min

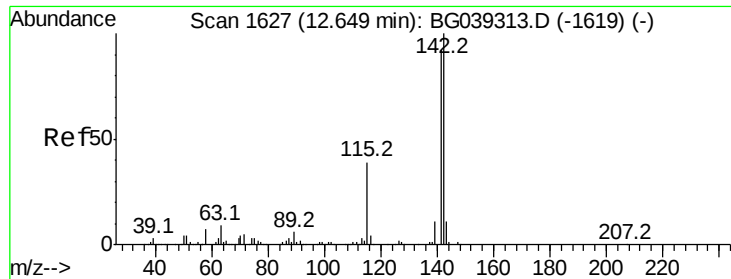
Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Tgt Ion:107 Resp: 233063

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 144 | 26.5  | 20.2  | 30.2  |
| 142 | 83.1  | 61.4  | 92.2  |





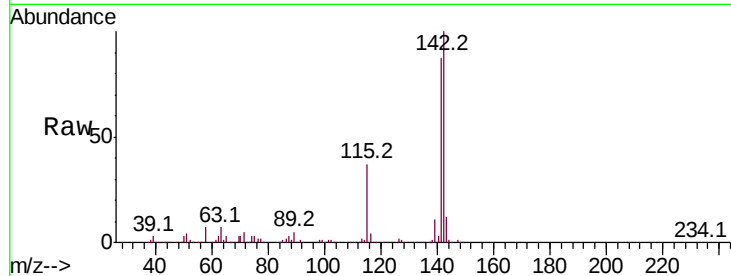
#37  
2-Methylnaphthalene  
Concen: 54.876 ng  
RT: 12.63 min Scan# 1625  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.0  | 73.5  | 110.3 |
| 115     | 36.5  | 30.8  | 46.2  |

Manual Integrations  
APPROVED

Sohil  
2/26/2019 2:40:30 PM

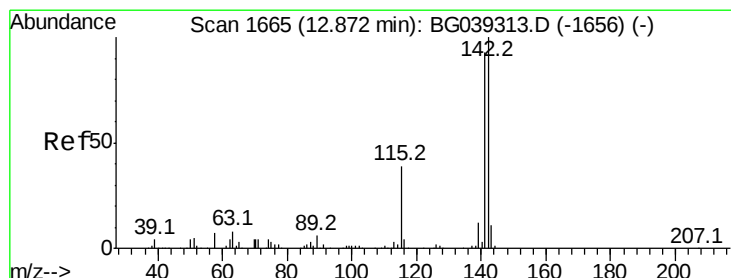
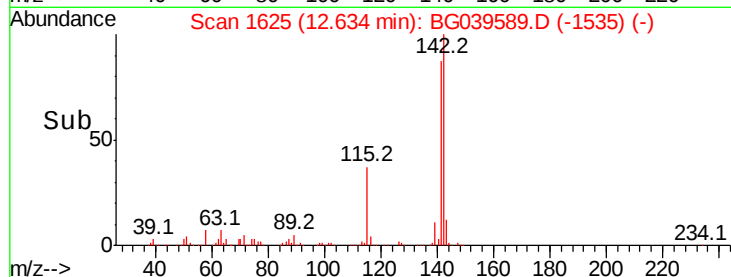
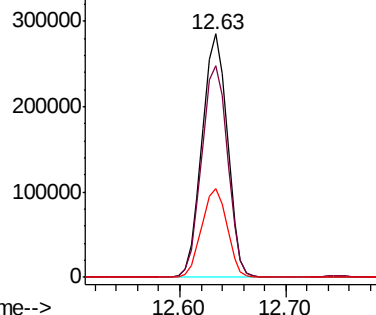


Abundance

Ion 142.00 (141.70 to 142.70): E

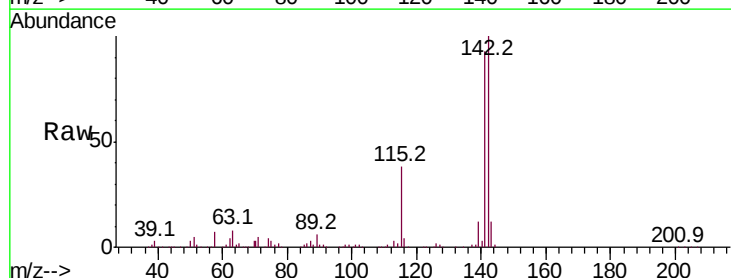
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 54.687 ng  
RT: 12.85 min Scan# 1662  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.3  | 74.2  | 111.4 |
| 116     | 4.4   | 3.0   | 4.6   |

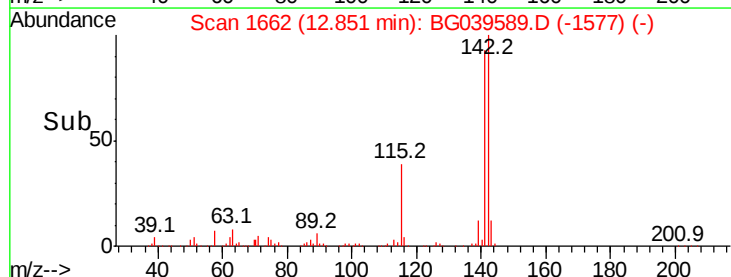
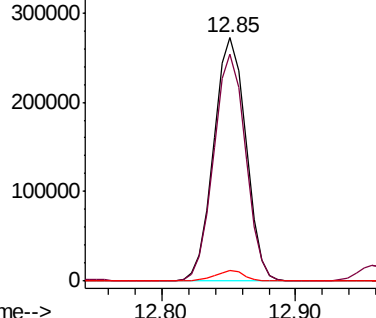


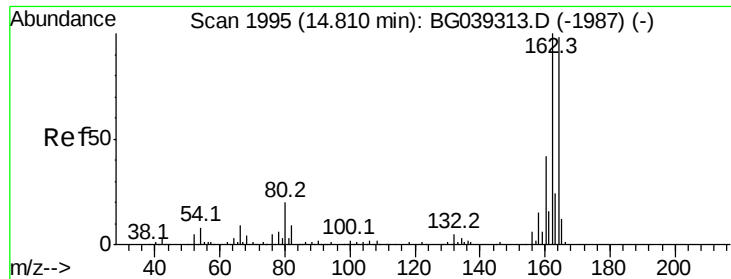
Abundance

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: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

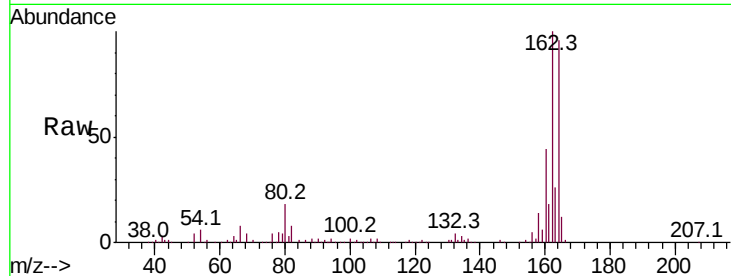
ClientSampled :

COMPMSD

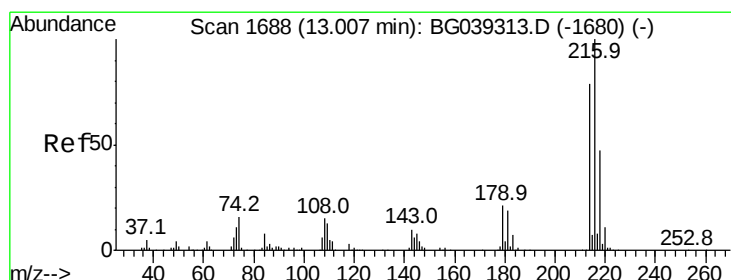
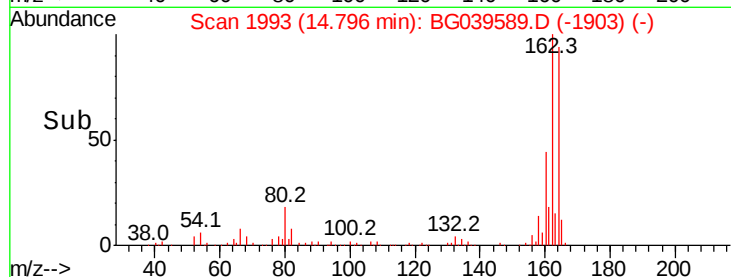
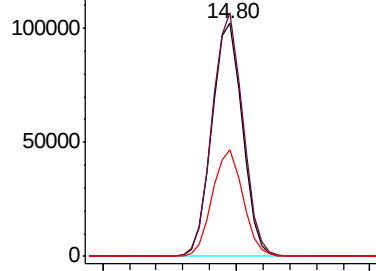
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 164   | Resp: | 161454 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 104.4 | 81.6  | 122.4  |
| 160       | 45.8  | 34.2  | 51.2   |

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Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.843 ng

RT: 12.99 min Scan# 1686

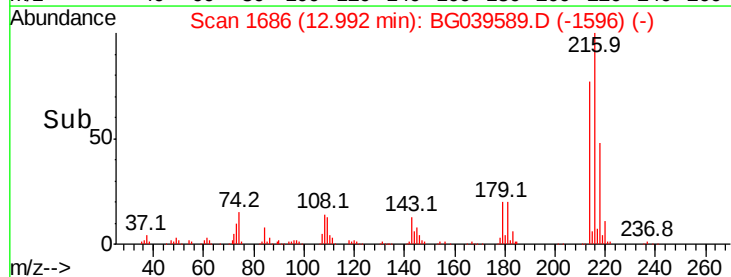
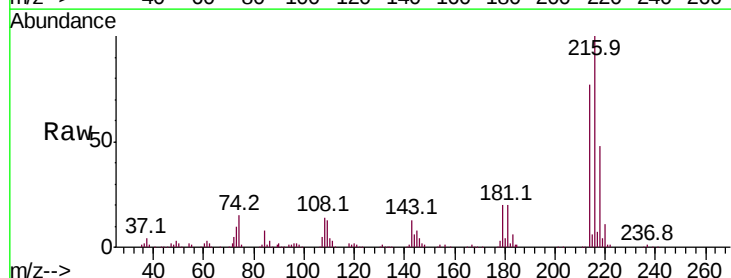
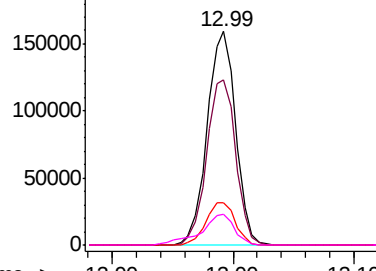
Delta R.T. -0.00 min

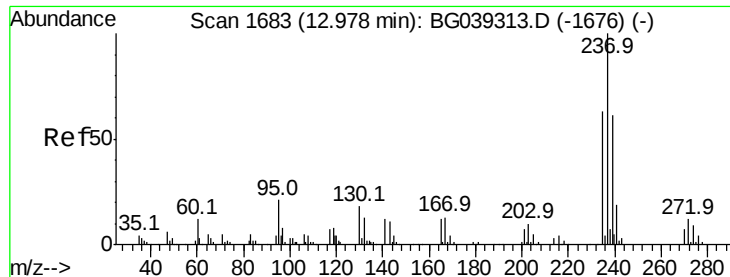
Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 261180 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.0  | 62.6  | 94.0   |
| 179       | 20.5  | 16.6  | 25.0   |
| 108       | 16.8  | 14.0  | 21.0   |

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





#41

Hexachlorocyclopentadiene

Concen: 91.190 ng

RT: 12.96 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

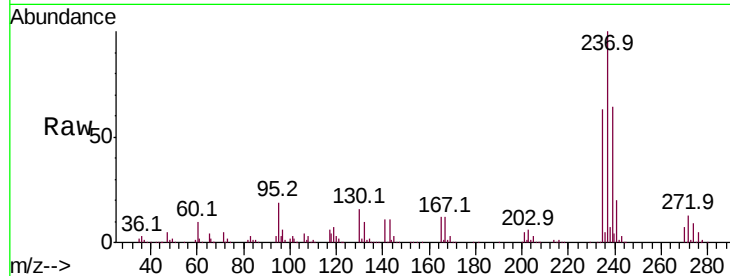
ClientSampleId :

COMPMSD

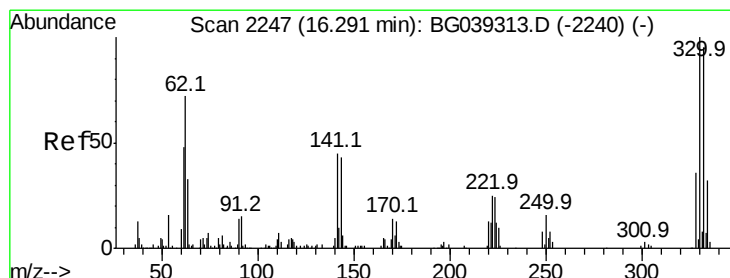
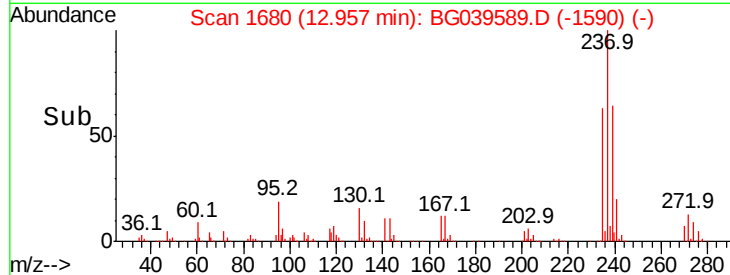
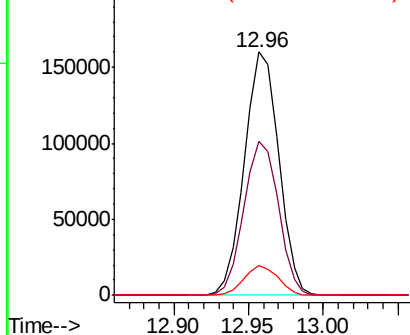
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 255262 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.2  | 43.3  | 83.3   |
| 272       | 12.5  | 0.0   | 32.3   |

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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: 154.868 ng

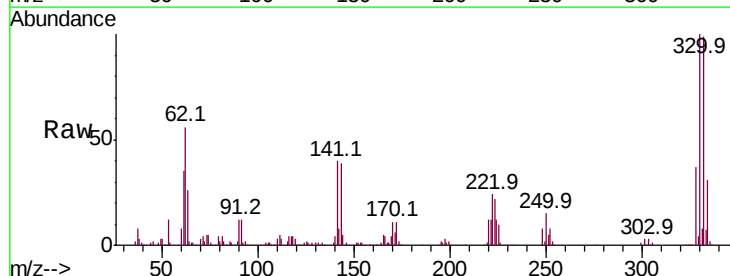
RT: 16.28 min Scan# 2246

Delta R.T. -0.00 min

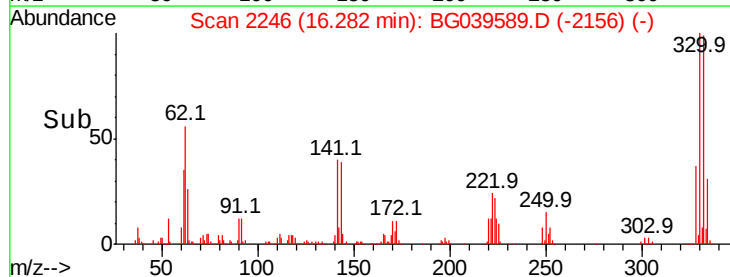
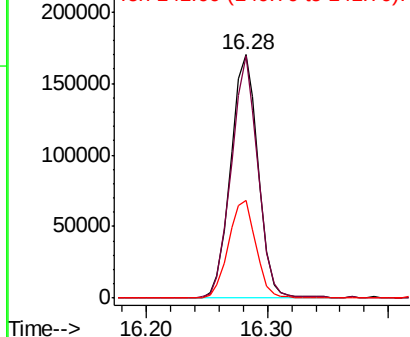
Lab File: BG039589.D

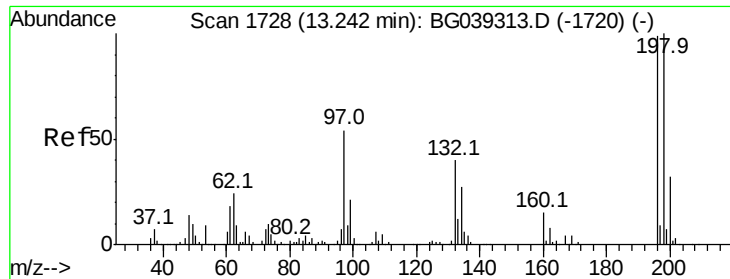
Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 269251 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.1  | 75.7  | 113.5  |
| 141       | 40.2  | 35.6  | 53.4   |



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





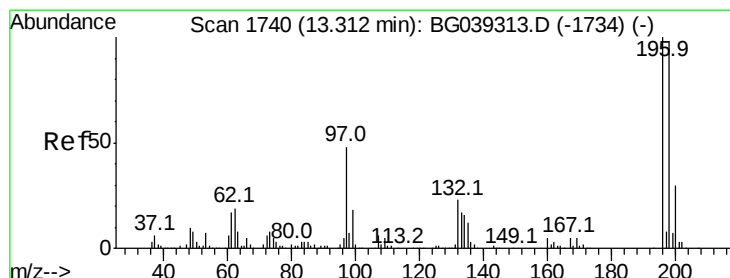
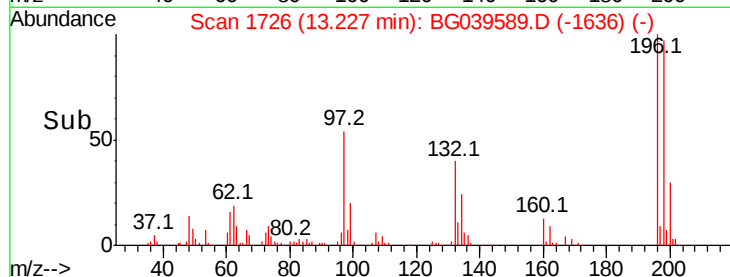
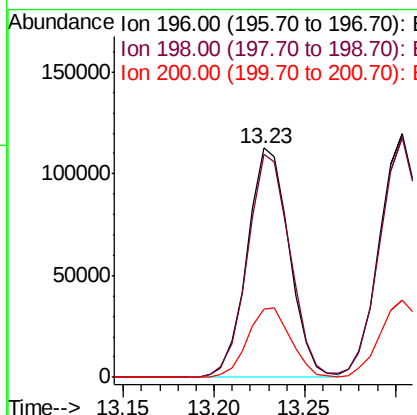
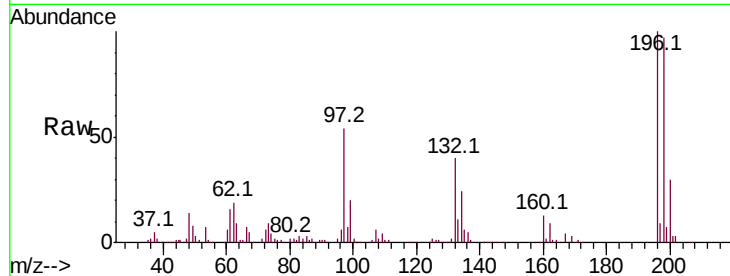
#43  
 2,4,6-Trichlorophenol  
 Concen: 57.495 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

Instrument :  
 BNA\_G  
 ClientSampled :  
 COMPMDS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 181598 |       |       |
| 198     | 97.4  | 80.6   | 121.0 |       |
| 200     | 30.1  | 26.1   | 39.1  |       |

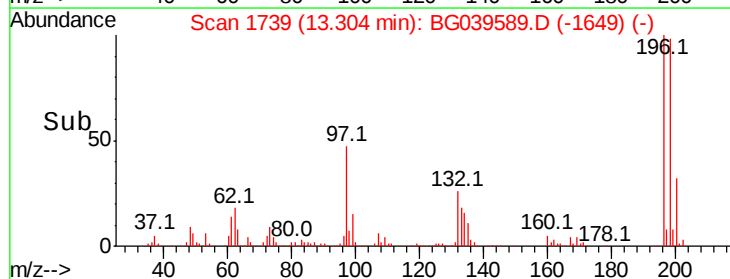
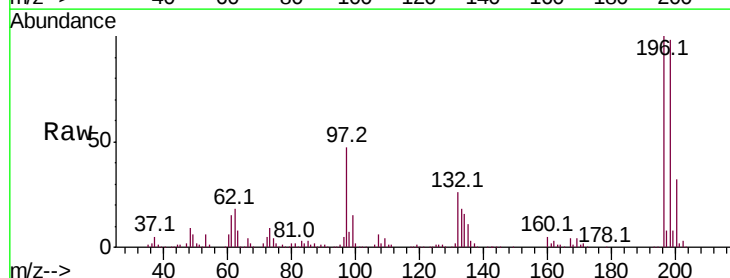
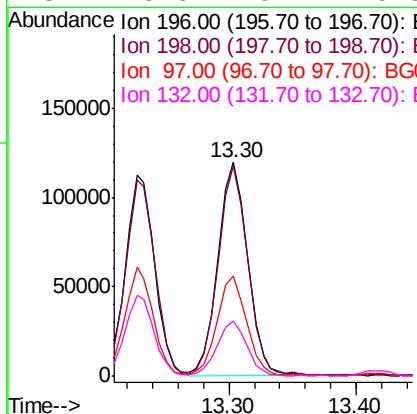
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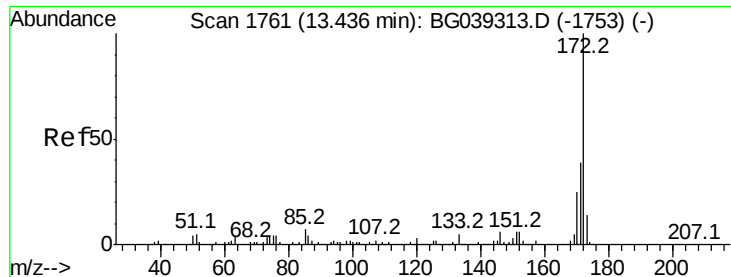
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#44  
 2,4,5-Trichlorophenol  
 Concen: 58.997 ng  
 RT: 13.30 min Scan# 1739  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 195303 |       |       |
| 198     | 98.3  | 78.5   | 117.7 |       |
| 97      | 46.9  | 38.4   | 57.6  |       |
| 132     | 25.6  | 19.2   | 28.8  |       |





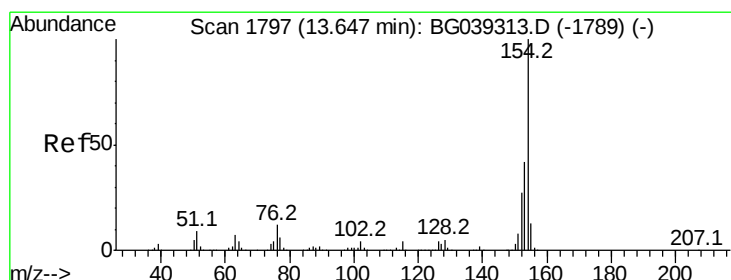
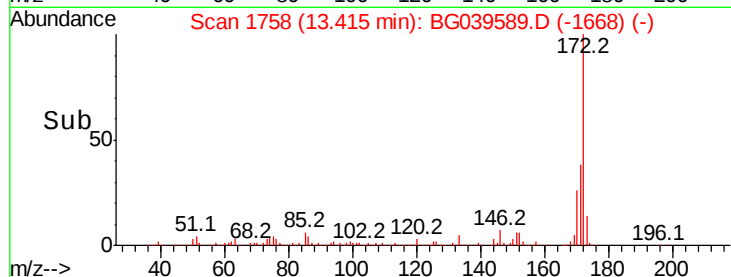
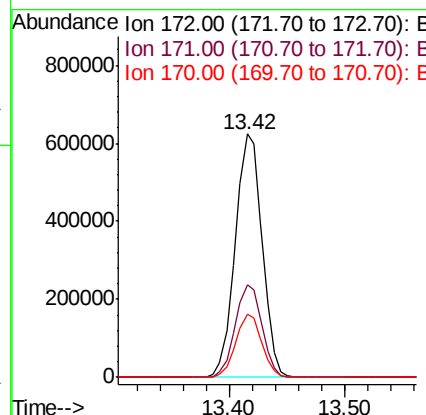
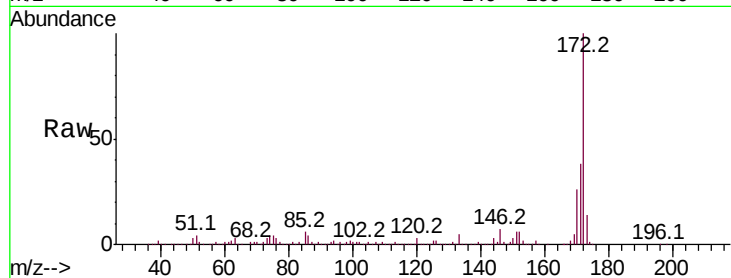
#45  
2-Fluorobiphenyl  
Concen: 89.034 ng  
RT: 13.42 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.2  | 30.8  | 46.2  |
| 170     | 26.0  | 20.2  | 30.4  |

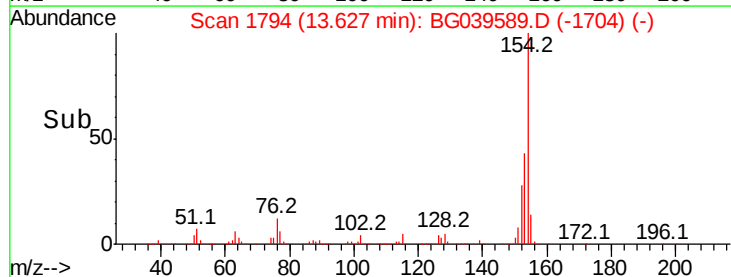
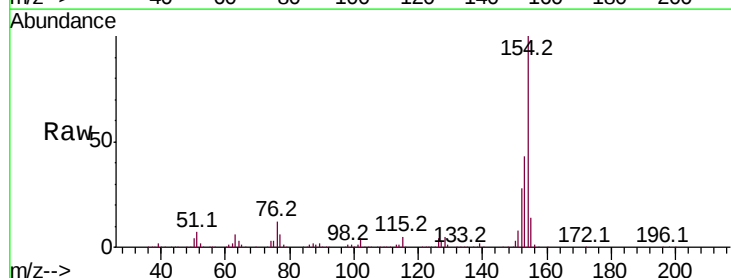
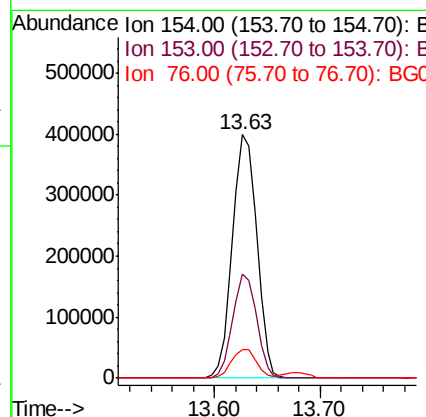
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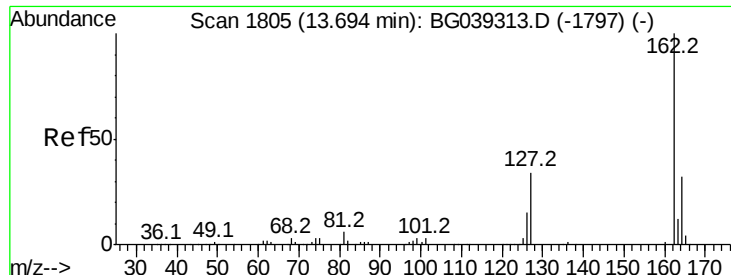
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2/26/2019 2:40:30 PM



#46  
1,1'-Biphenyl  
Concen: 47.493 ng  
RT: 13.63 min Scan# 1794  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.6  | 22.1  | 62.1  |
| 76      | 12.0  | 0.0   | 32.4  |





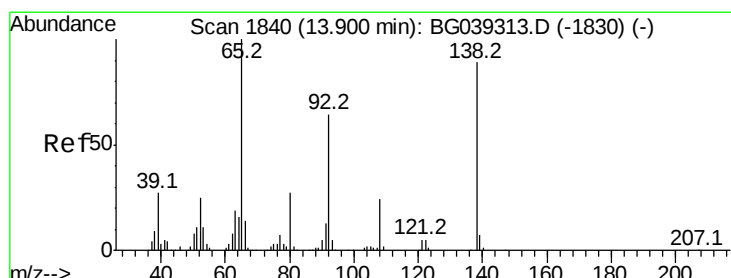
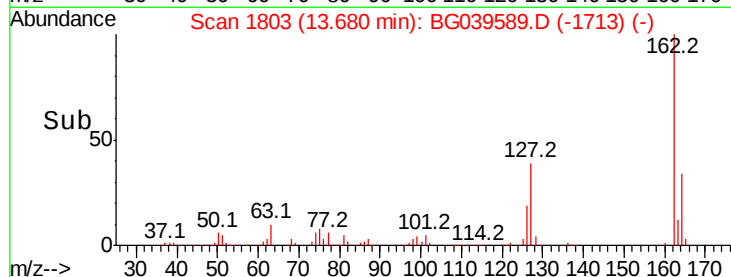
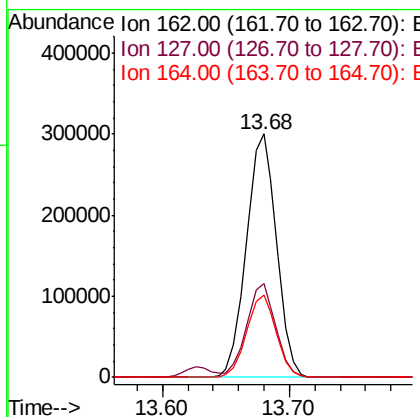
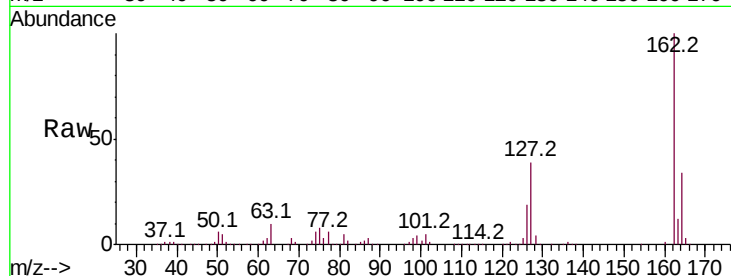
#47  
2-Chloronaphthalene  
Concen: 49.119 ng  
RT: 13.68 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 496377 |       |       |
| 127     | 38.6  |        | 31.0  | 46.6  |
| 164     | 33.8  |        | 25.7  | 38.5  |

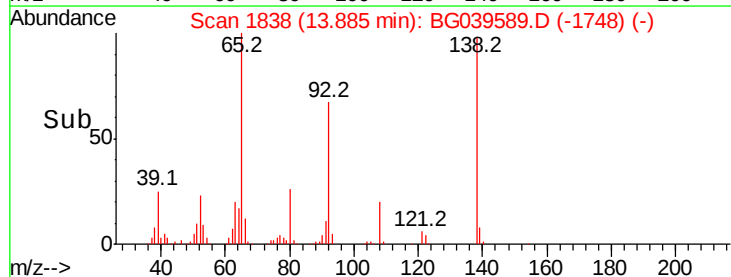
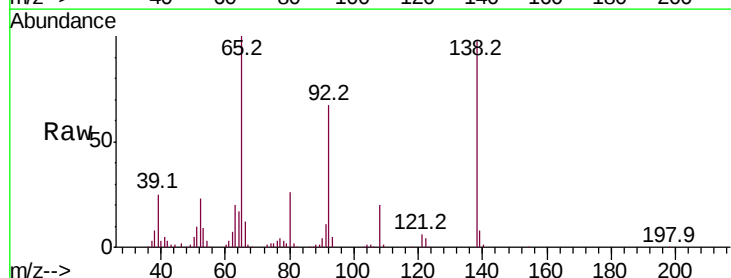
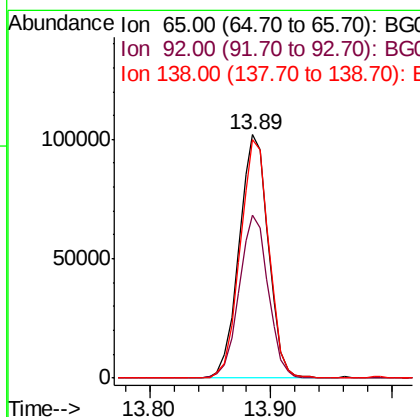
Manual Integrations  
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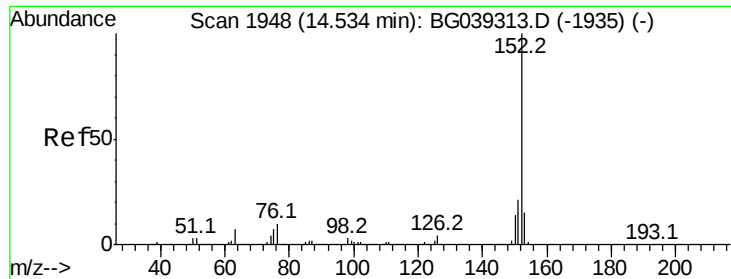
Sohil  
2/26/2019 2:40:30 PM



#48  
2-Nitroaniline  
Concen: 57.228 ng  
RT: 13.89 min Scan# 1838  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 171728 |       |       |
| 92      | 66.8  |        | 51.4  | 77.2  |
| 138     | 98.1  |        | 71.4  | 107.2 |





#49

Acenaphthylene

Concen: 51.838 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

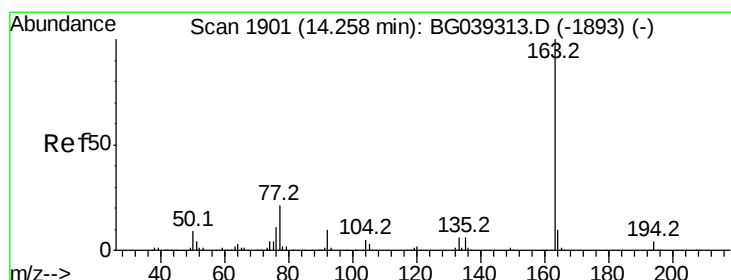
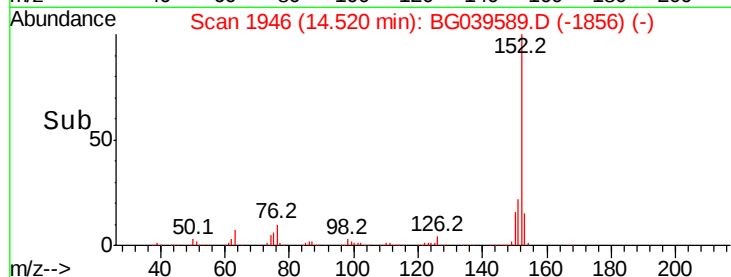
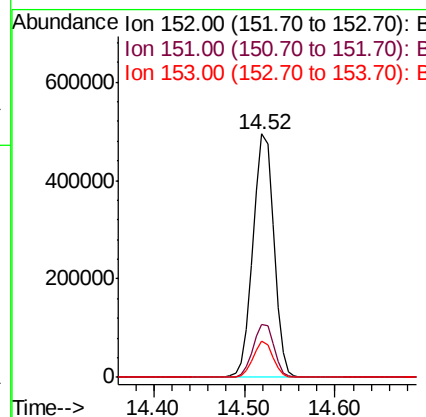
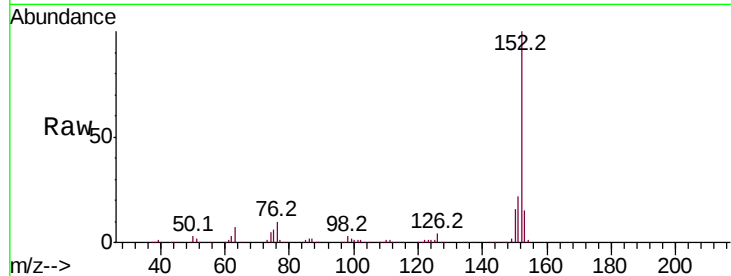
ClientSampleId :

COMPMSSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 790454 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.9  | 16.8  | 25.2   |
| 153       | 14.7  | 11.7  | 17.5   |

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#50

Dimethylphthalate

Concen: 50.135 ng

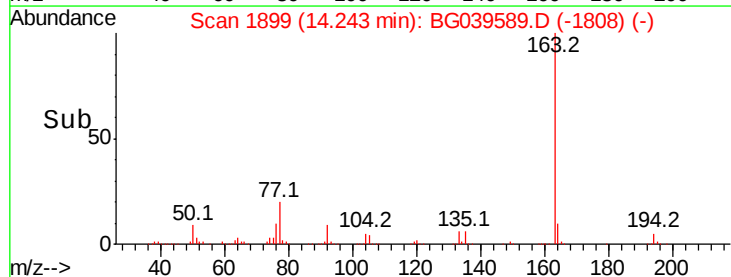
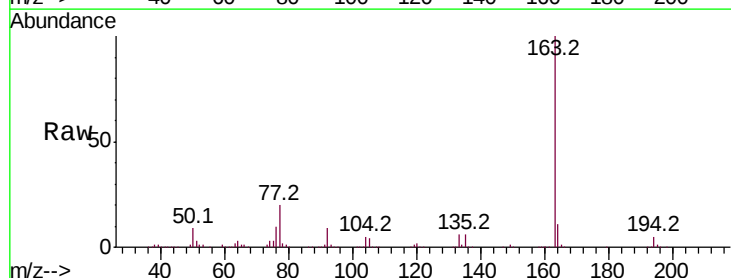
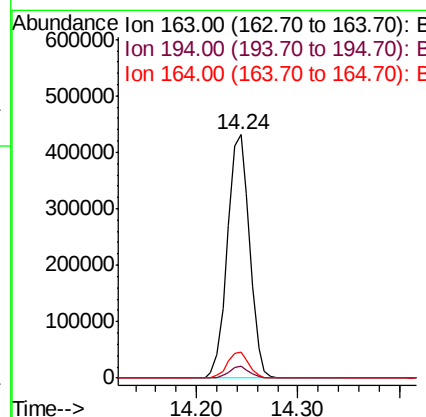
RT: 14.24 min Scan# 1899

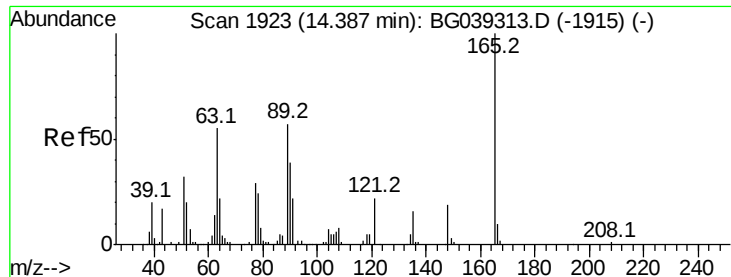
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 653747 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.8   | 3.6   | 5.4    |
| 164       | 10.8  | 8.4   | 12.6   |





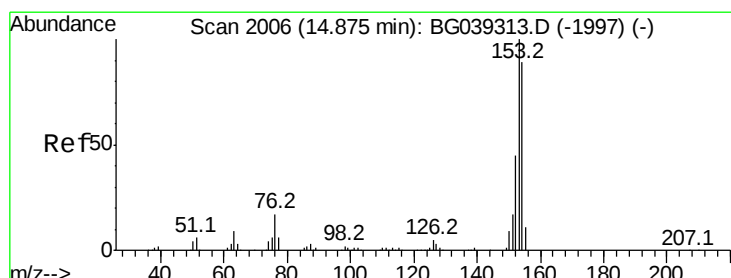
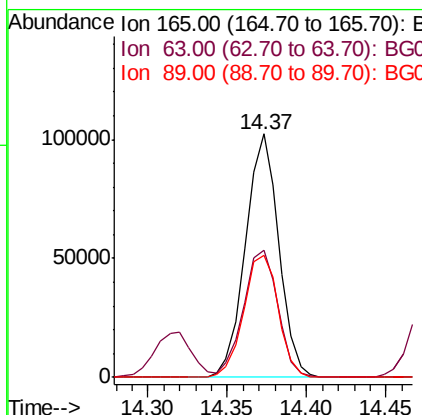
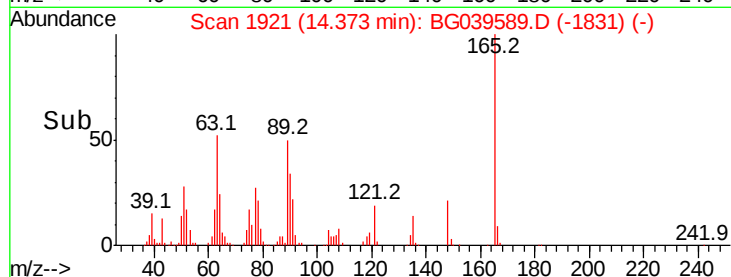
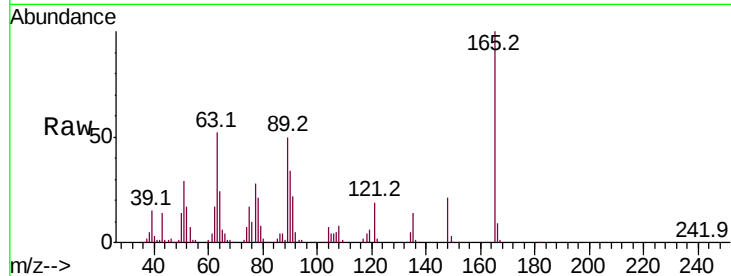
#51  
 2,6-Dinitrotoluene  
 Concen: 59.463 ng  
 RT: 14.37 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

Instrument :  
 BNA\_G  
 ClientSampled :  
 COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 149336 |       |       |
| 63      | 52.0  |        | 47.0  | 70.6  |
| 89      | 50.4  |        | 45.8  | 68.8  |

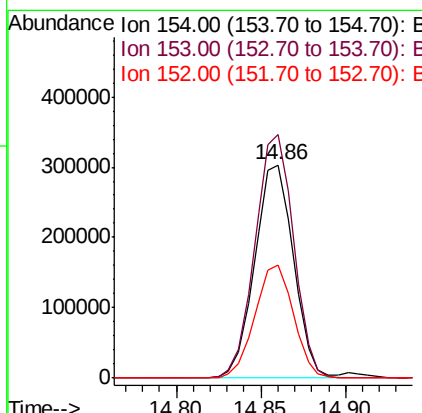
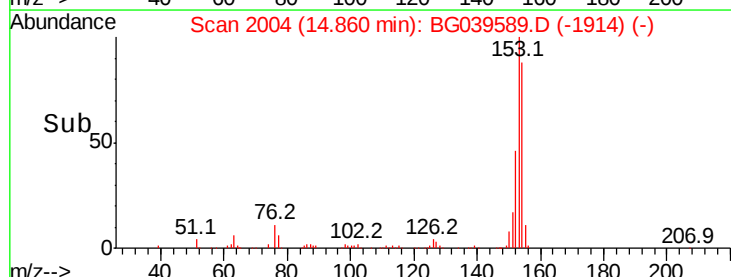
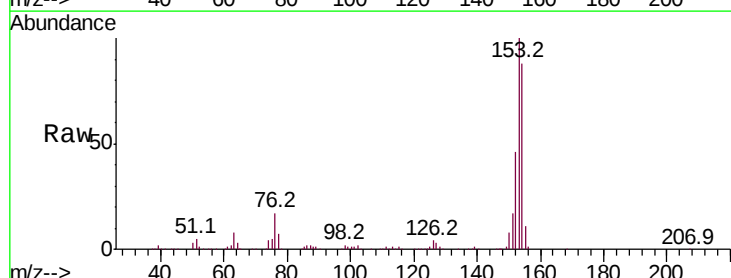
Manual Integrations  
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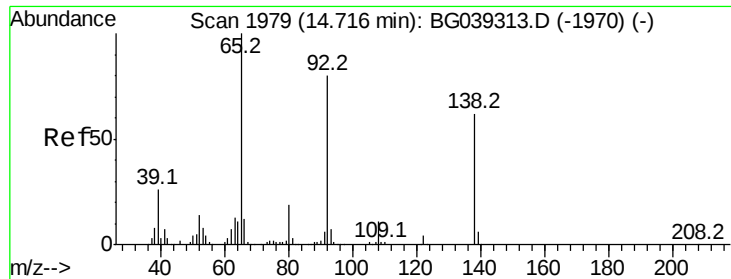
Sohil  
 2/26/2019 2:40:30 PM



#52  
 Acenaphthene  
 Concen: 48.811 ng  
 RT: 14.86 min Scan# 2004  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 483137 |       |       |
| 153     | 114.2 |        | 90.1  | 135.1 |
| 152     | 53.1  |        | 40.9  | 61.3  |





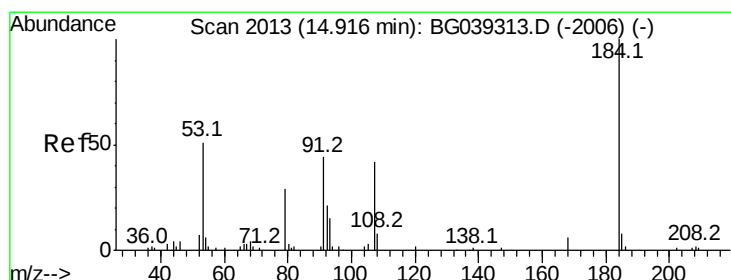
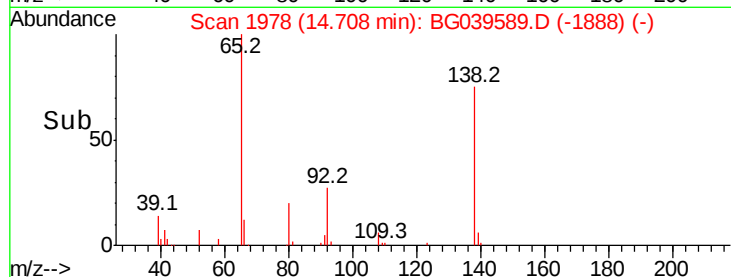
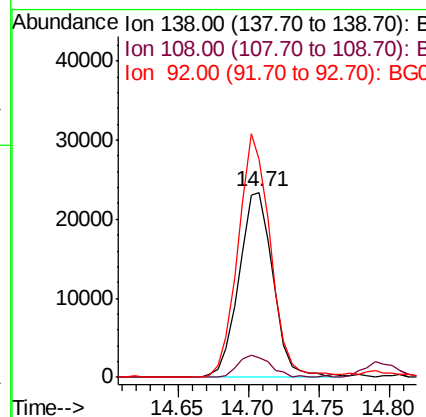
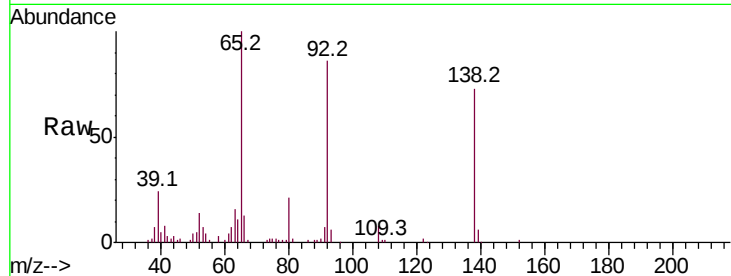
#53  
3-Nitroaniline  
Concen: 19.028 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

Tot Ion:138 Resp: 39580  
Ion Ratio Lower Upper  
138 100  
108 10.9 13.8 20.8#  
92 118.0 103.7 155.5

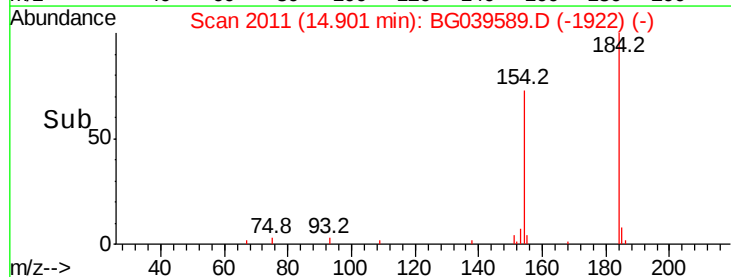
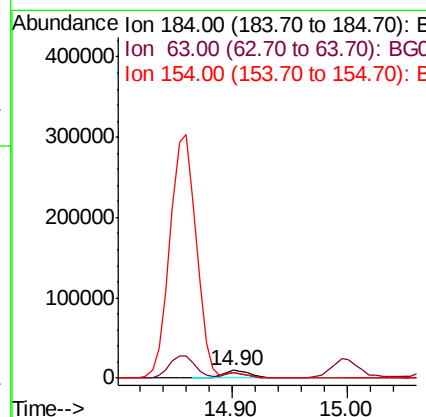
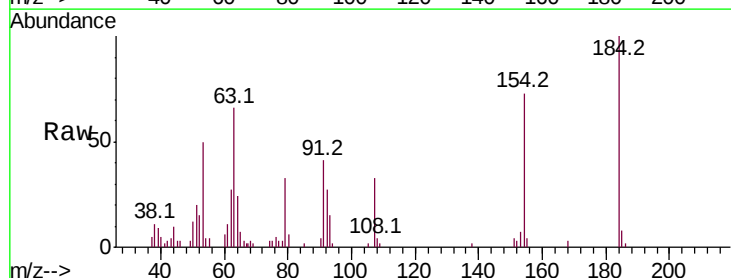
Manual Integrations  
APPROVED

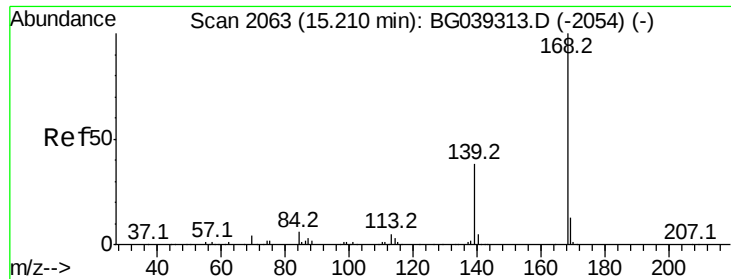
Sohil  
2/26/2019 2:40:30 PM



#54  
2,4-Dinitrophenol  
Concen: 23.780 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Tgt Ion:184 Resp: 16309  
Ion Ratio Lower Upper  
184 100  
63 65.8 50.9 76.3  
154 72.6 53.0 79.6





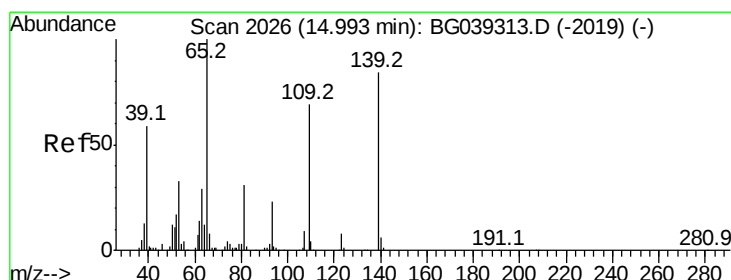
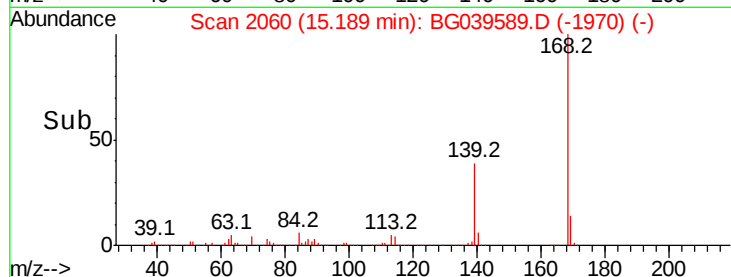
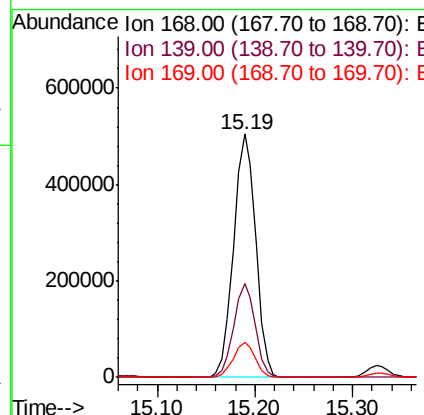
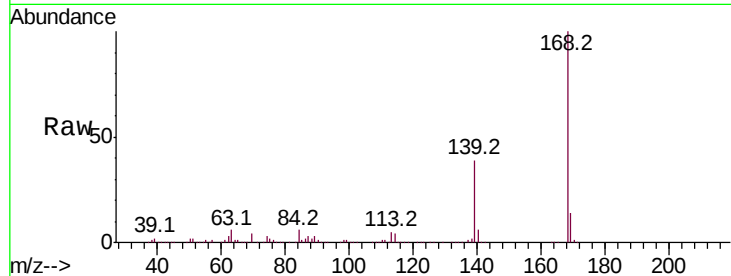
#55  
Dibenzofuran  
Concen: 49.737 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 30.1  | 45.1  |
| 169     | 14.3  | 10.6  | 16.0  |

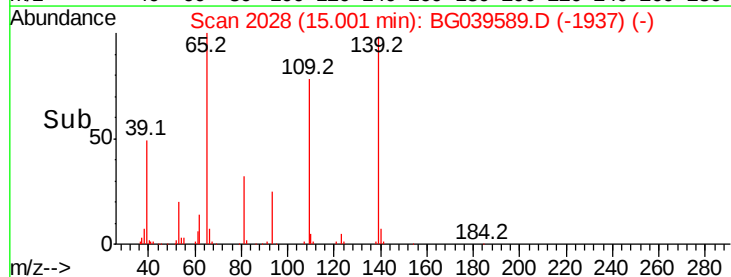
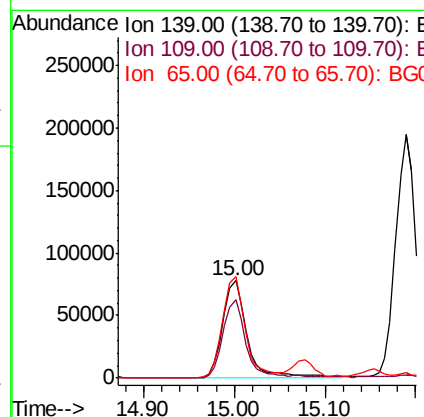
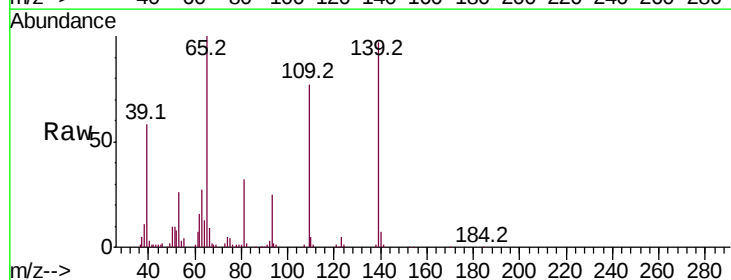
Manual Integrations  
APPROVED

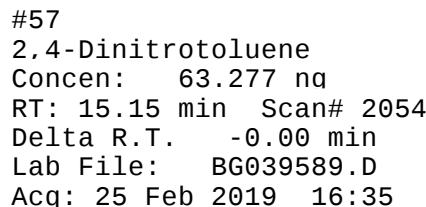
Sohil  
2/26/2019 2:40:30 PM



#56  
4-Nitrophenol  
Concen: 63.395 ng  
RT: 15.00 min Scan# 2028  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 79.9  | 61.9  | 101.9 |
| 65      | 103.6 | 99.1  | 139.1 |



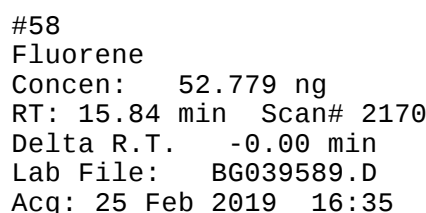
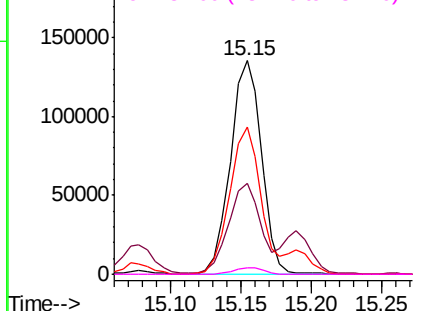
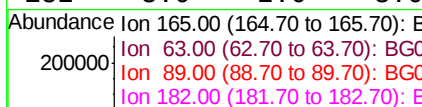


**Instrument :**  
BNA\_G  
**ClientSampleId :**  
COMPMSD

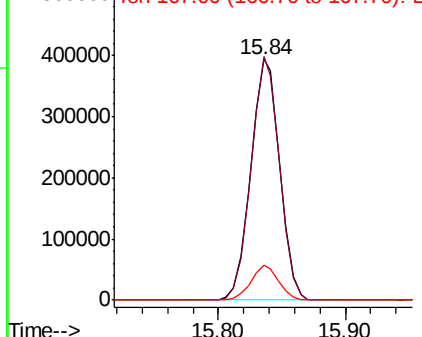
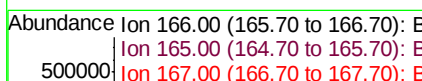
**Manual Integrations**  
**APPROVED**

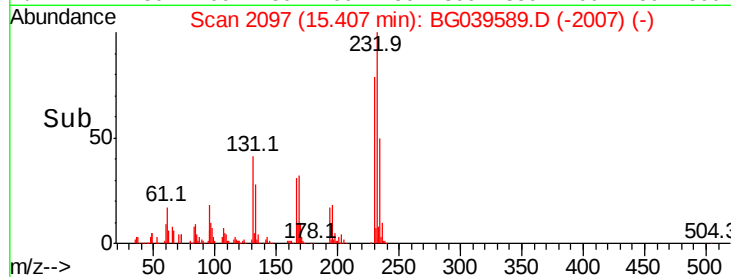
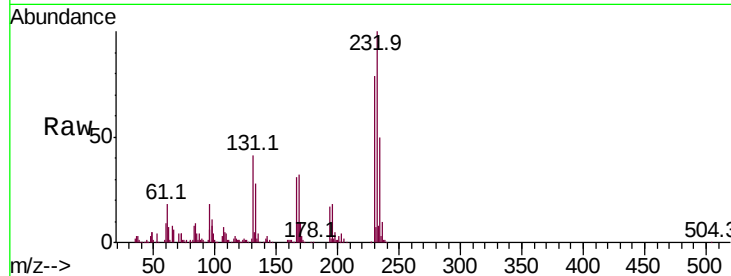
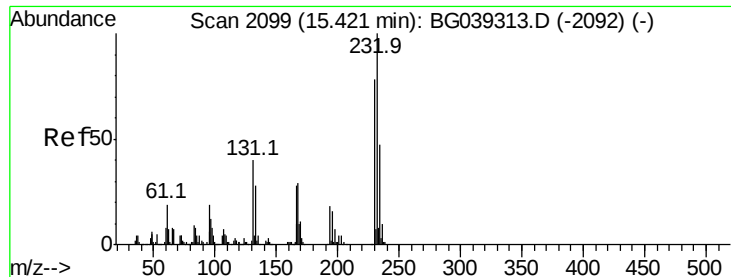
Sohil  
2/26/2019 2:40:30 PM

|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:165 | Resp: | 206821 |
| Ion | Ratio   | Lower | Upper  |
| 165 | 100     |       |        |
| 63  | 42.7    | 41.0  | 61.6   |
| 89  | 68.7    | 64.6  | 96.8   |
| 182 | 3.0     | 2.0   | 3.0    |



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:166 | Resp: | 624404 |
| Ion | Ratio   | Lower | Upper  |
| 166 | 100     |       |        |
| 165 | 101.2   | 77.9  | 116.9  |
| 167 | 14.3    | 10.8  | 16.2   |





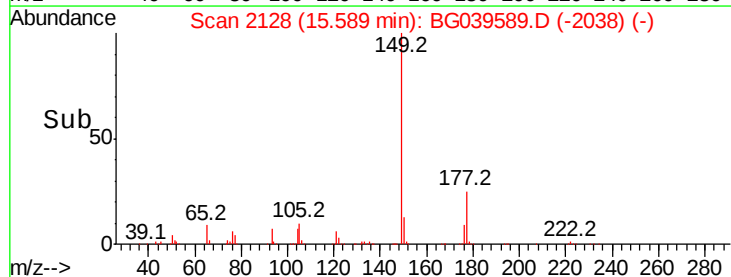
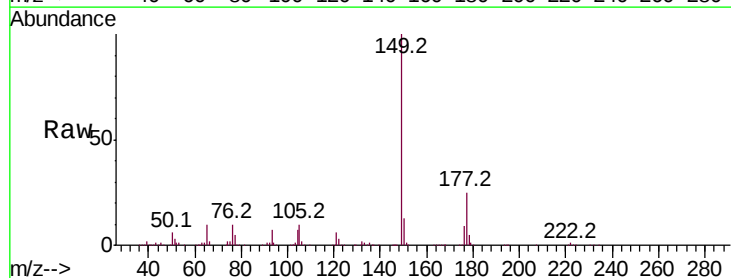
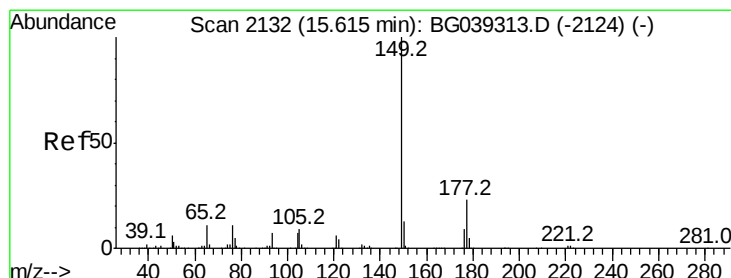
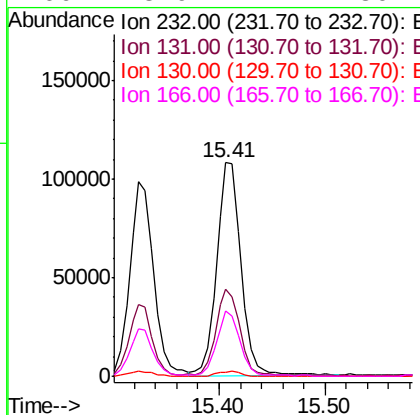
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 56.189 ng  
RT: 15.41 min Scan# 2097  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 174160 |       |       |
| 131     | 40.1  | 34.9   | 52.3  |       |
| 130     | 2.3   | 2.0    | 3.0   |       |
| 166     | 28.9  | 24.1   | 36.1  |       |

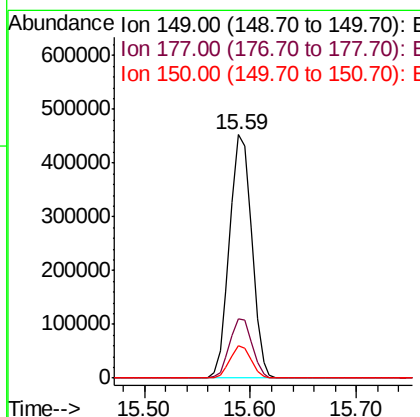
Manual Integrations  
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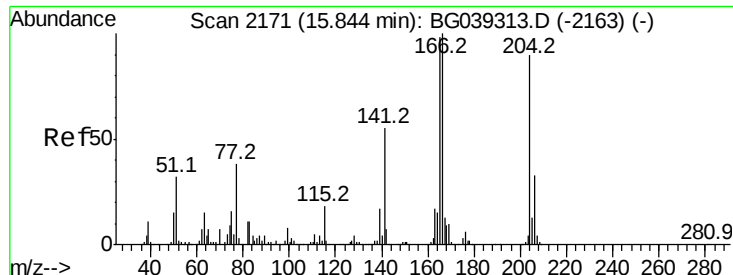
Sohil  
2/26/2019 2:40:30 PM



#60  
Diethylphthalate  
Concen: 48.740 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 657118 |       |       |
| 177     | 24.6  | 18.3   | 27.5  |       |
| 150     | 13.5  | 10.2   | 15.2  |       |





#61

4-Chlorophenyl-phenylether

Concen: 49.993 ng

RT: 15.82 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

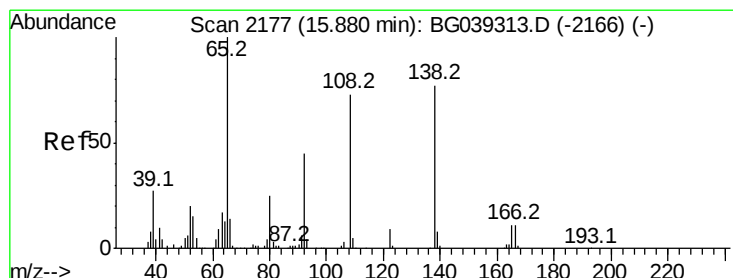
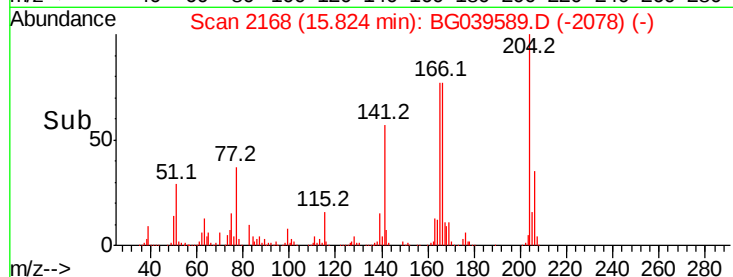
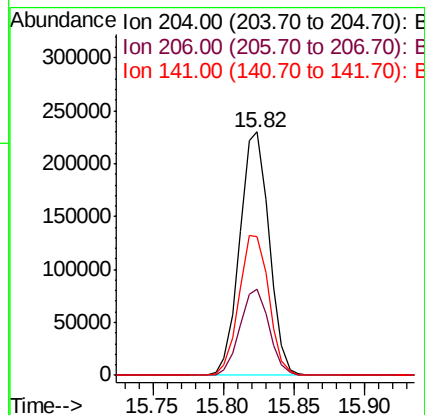
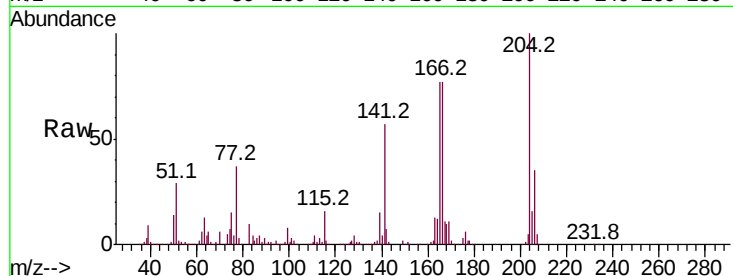
ClientSampleId :

COMPMSSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 334892 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 35.5  | 29.2  | 43.8   |
| 141       | 57.0  | 49.0  | 73.4   |

Manual Integrations  
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Sohil  
2/26/2019 2:40:30 PM



#62

4-Nitroaniline

Concen: 54.872 ng

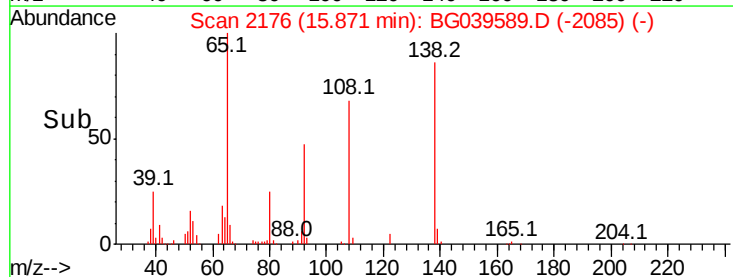
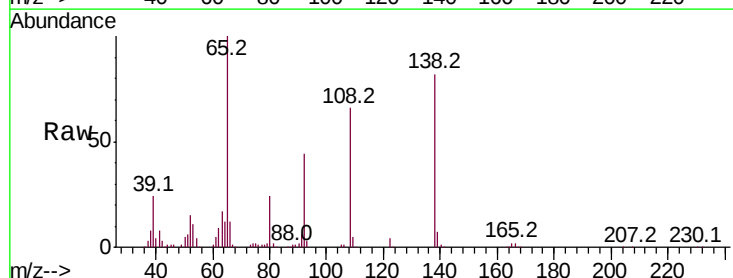
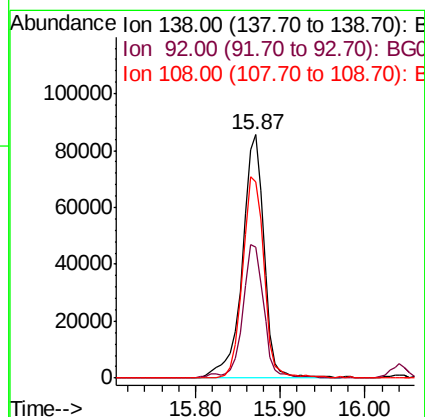
RT: 15.87 min Scan# 2176

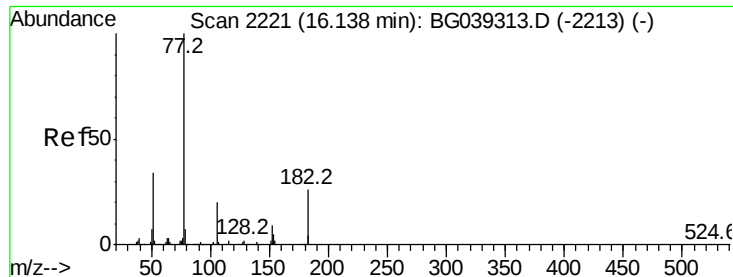
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 151845 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 53.8  | 38.7  | 78.7   |
| 108       | 80.6  | 74.6  | 114.6  |





#63

Azobenzene

Concen: 44.963 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

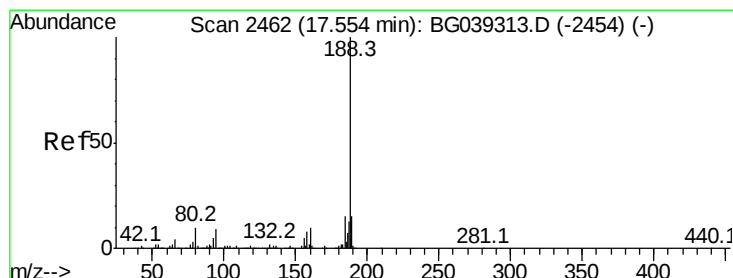
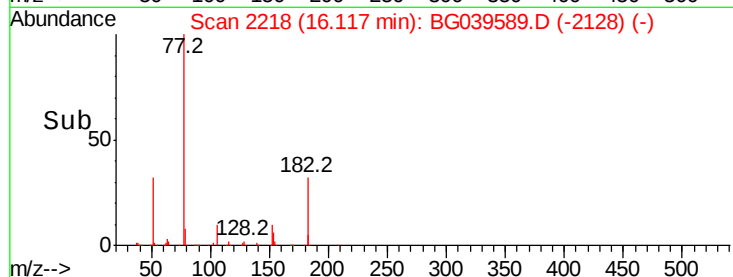
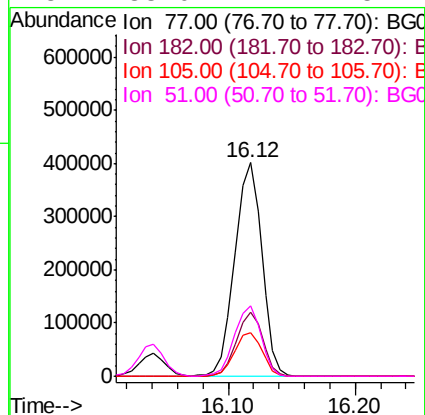
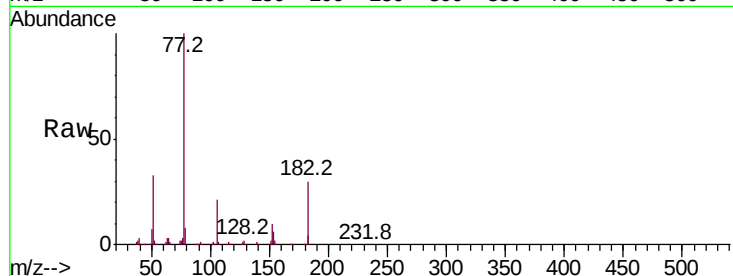
ClientSampleId :

COMPMSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 29.9 | 6.4   | 46.4 |       |       |
| 105     | 20.6 | 0.0   | 39.8 |       |       |
| 51      | 33.0 | 14.1  | 54.1 |       |       |

Manual Integrations  
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#64

Phenanthrene-d10

Concen: 20.000 ng

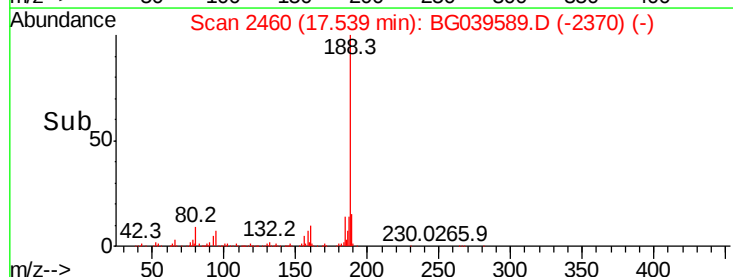
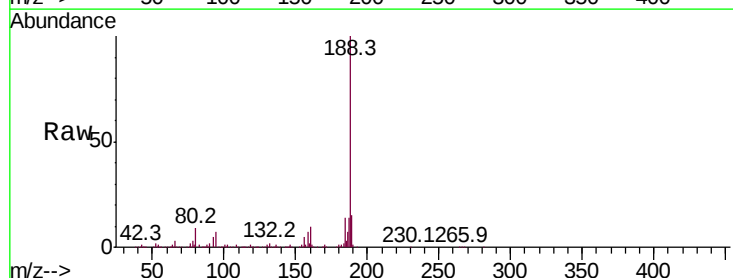
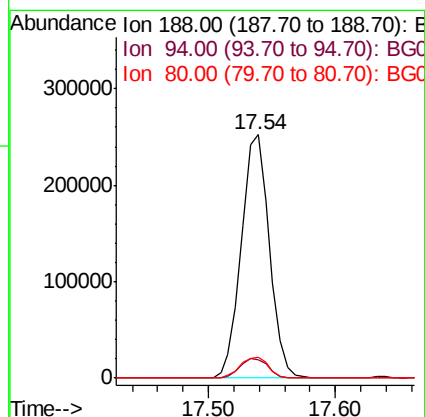
RT: 17.54 min Scan# 2460

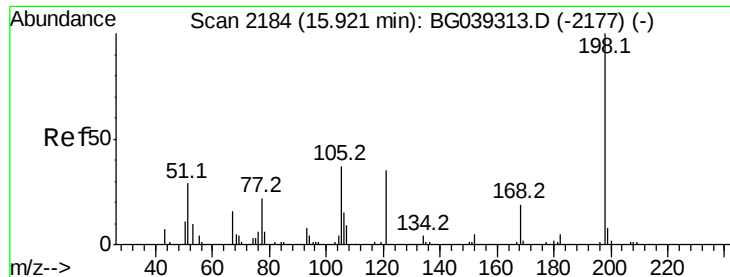
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 188     | 100 |       |      |       |       |
| 94      | 7.3 | 6.9   | 10.3 |       |       |
| 80      | 8.6 | 8.1   | 12.1 |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 22.459 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

ClientSampled :

COMPMSD

Tot Ion:198 Resp: 25409

Ion Ratio Lower Upper

198 100

51 41.4 27.4 67.4

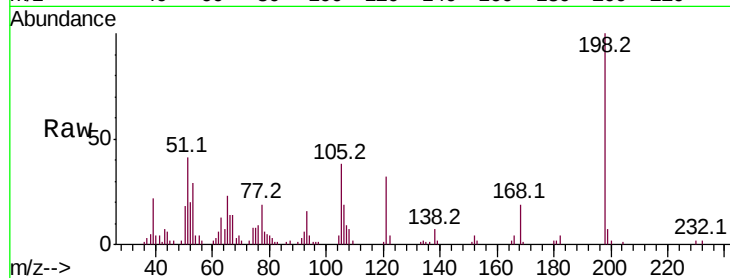
105 37.6 19.7 59.7

Manual Integrations

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Sohil

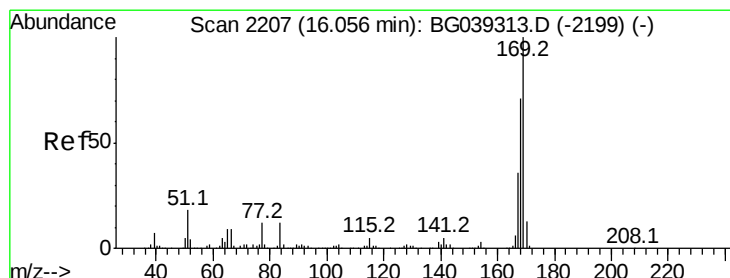
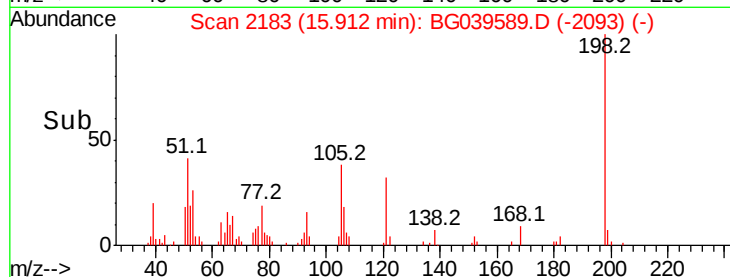
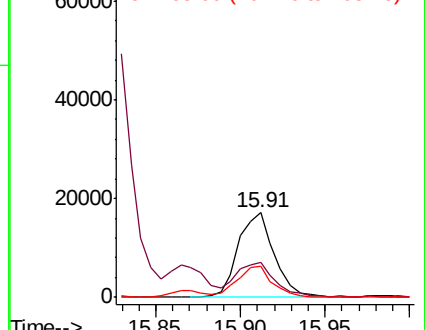
2/26/2019 2:40:30 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.295 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

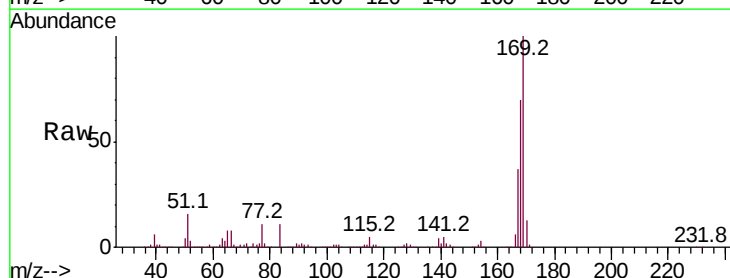
Tgt Ion:169 Resp: 567954

Ion Ratio Lower Upper

169 100

168 69.6 56.6 85.0

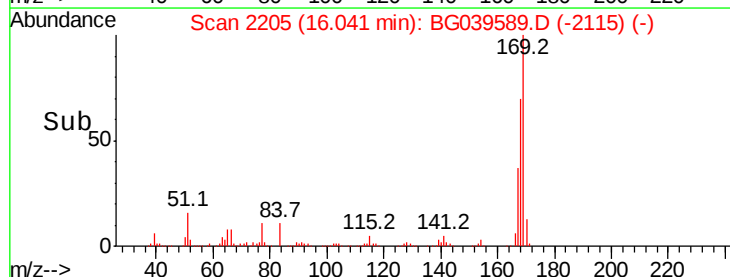
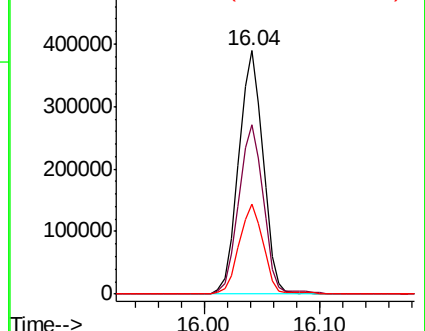
167 37.0 28.8 43.2

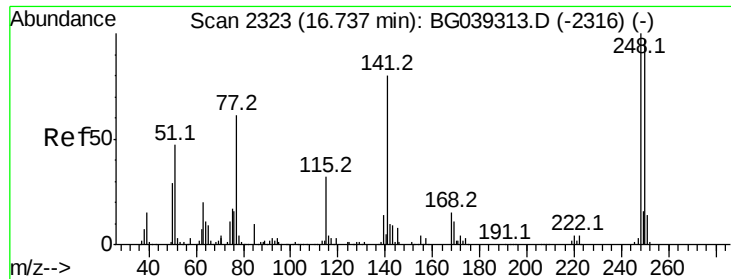


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





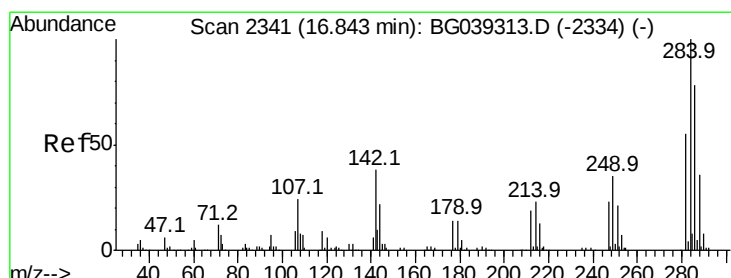
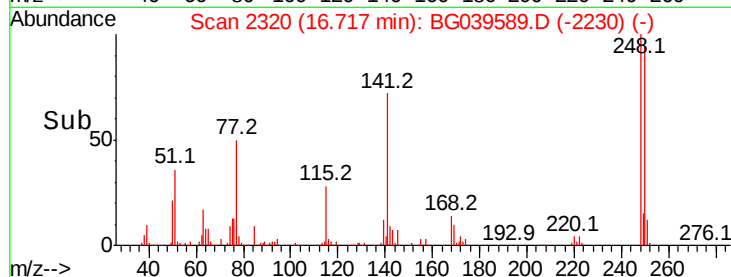
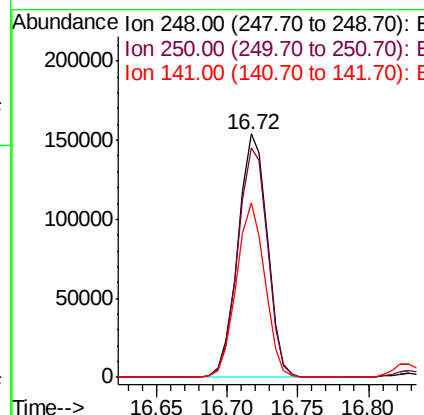
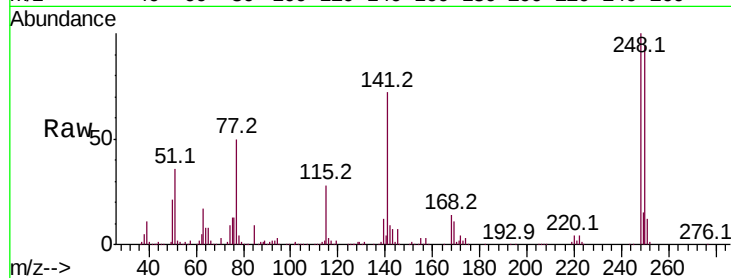
#67  
 4-Bromophenyl-phenylether  
 Concen: 52.115 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.5  | 77.6  | 116.4 |
| 141     | 71.8  | 63.9  | 95.9  |

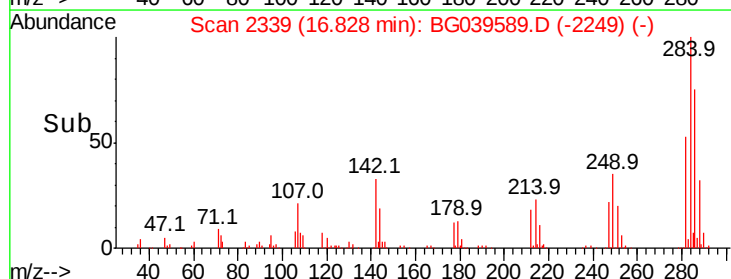
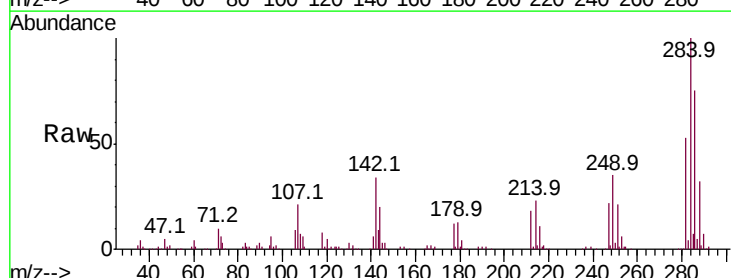
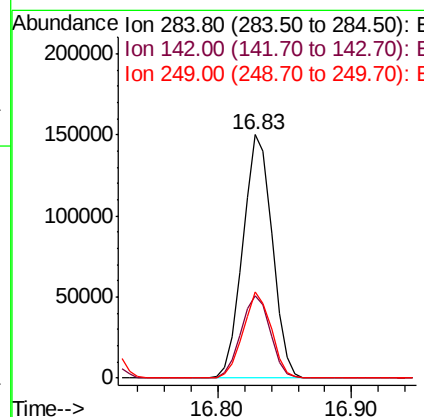
Manual Integrations  
 APPROVED

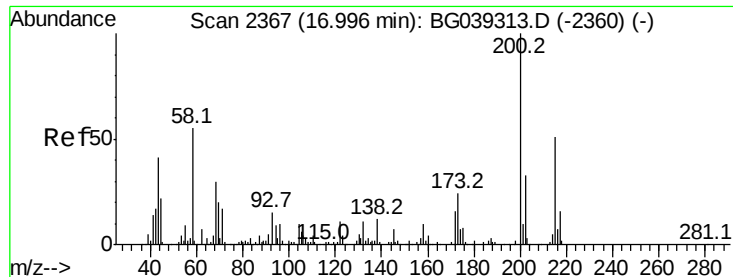
Sohil  
 2/26/2019 2:40:30 PM



#68  
 Hexachlorobenzene  
 Concen: 52.869 ng  
 RT: 16.83 min Scan# 2339  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 33.8  | 30.6  | 45.8  |
| 249     | 35.2  | 28.2  | 42.2  |





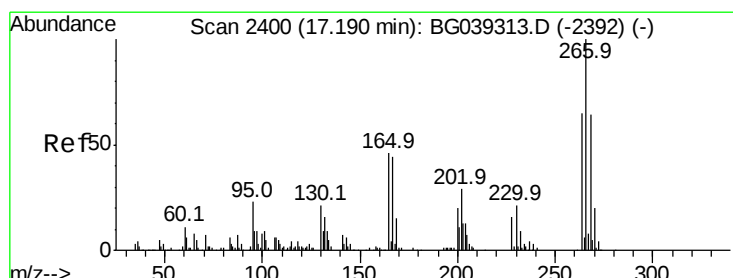
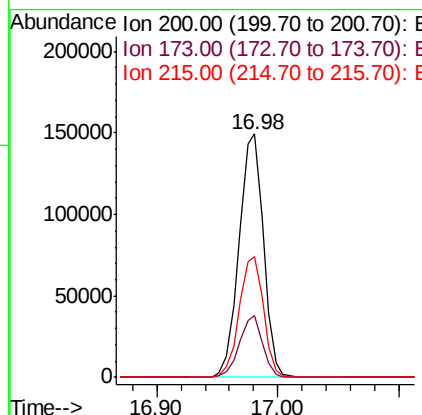
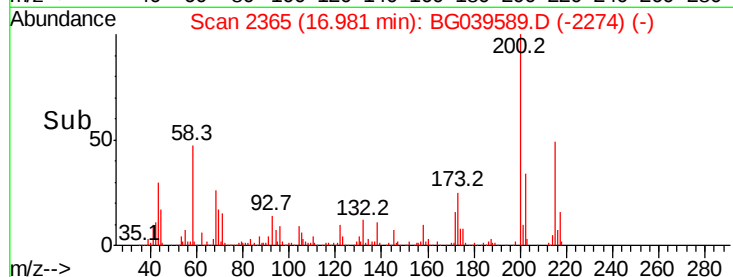
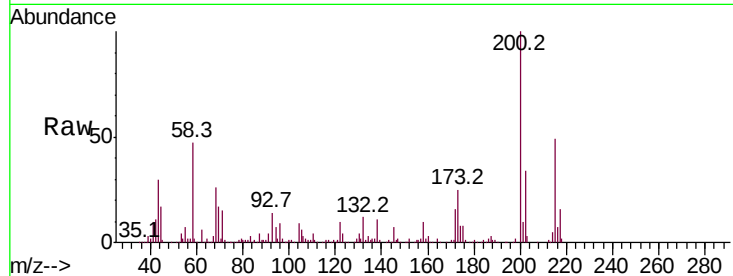
#69  
Atrazine  
Concen: 49.184 ng  
RT: 16.98 min Scan# 2365  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.3  | 3.9        | 43.9  |
| 215     | 49.4  | 30.9       | 70.9  |

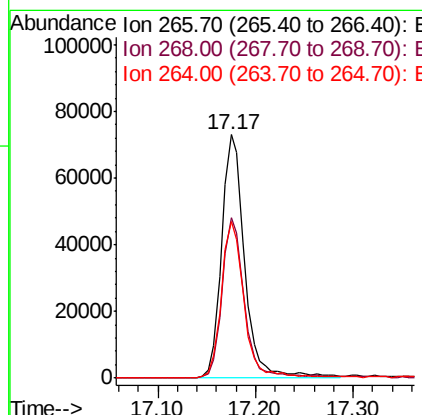
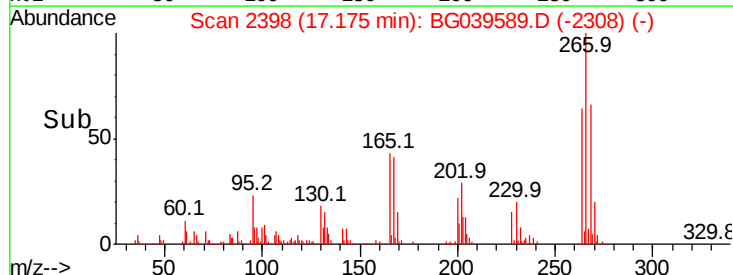
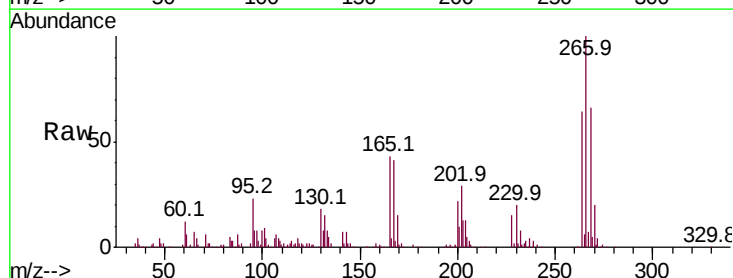
Manual Integrations  
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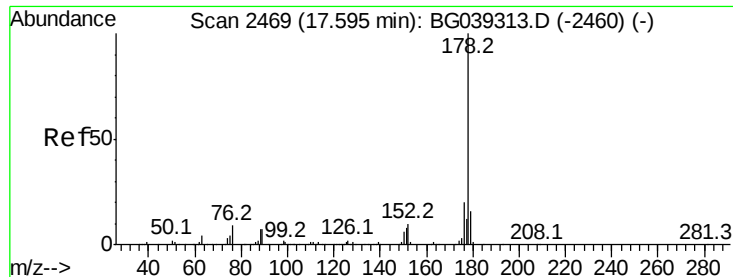
Sohil  
2/26/2019 2:40:30 PM



#70  
Pentachlorophenol  
Concen: 40.088 ng  
RT: 17.17 min Scan# 2398  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 66.0  | 51.1       | 76.7  |
| 264     | 64.4  | 52.1       | 78.1  |





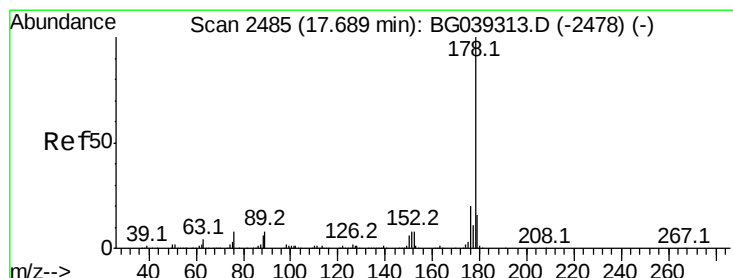
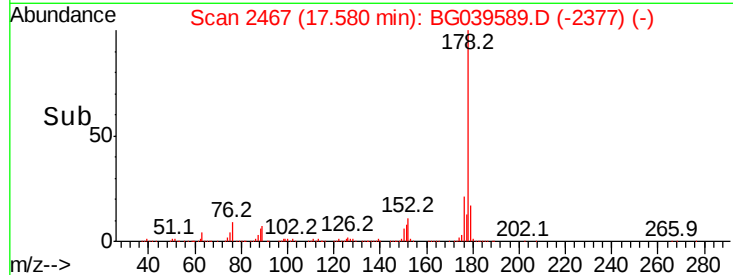
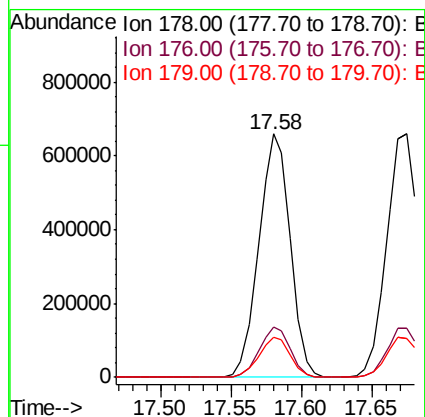
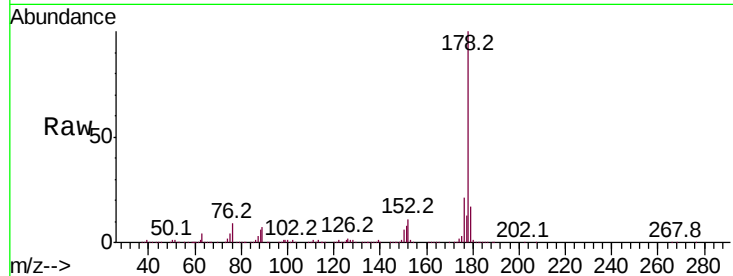
#71  
Phenanthrene  
Concen: 51.259 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

Tot Ion:178 Resp: 1026101  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.2 24.4  
179 16.6 12.6 19.0

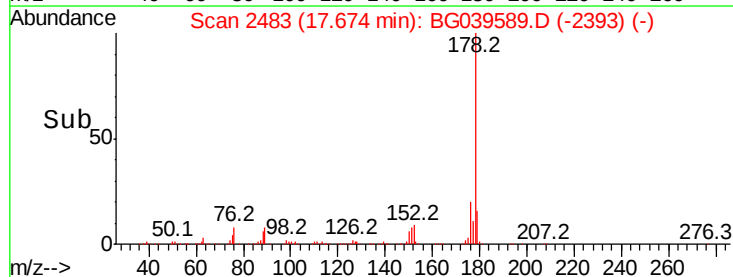
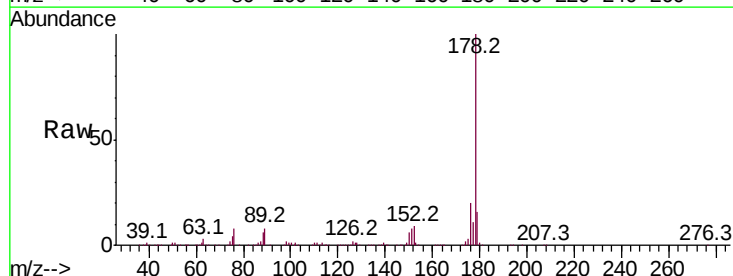
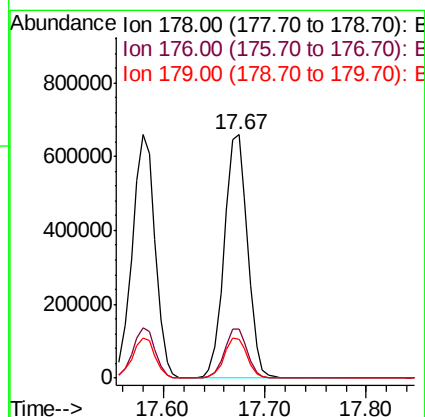
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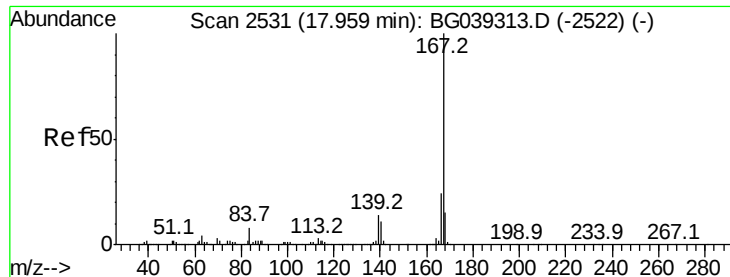
Sohil  
2/26/2019 2:40:30 PM



#72  
Anthracene  
Concen: 52.998 ng  
RT: 17.67 min Scan# 2483  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Tgt Ion:178 Resp: 1044997  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.8 23.6  
179 16.2 12.5 18.7





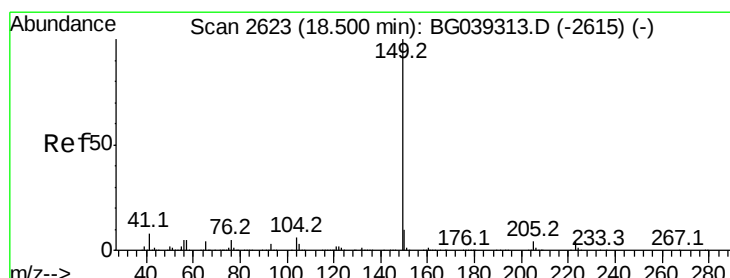
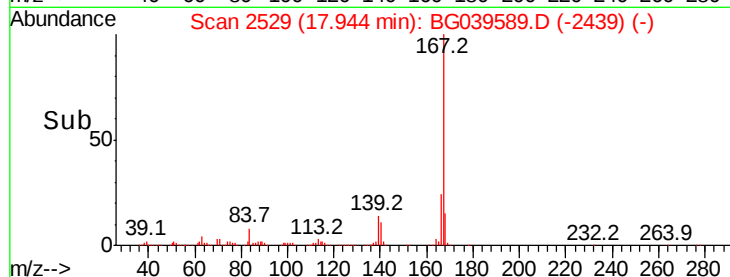
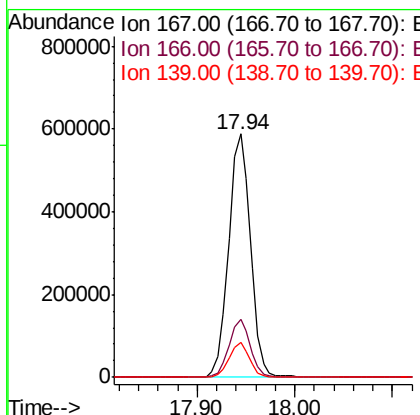
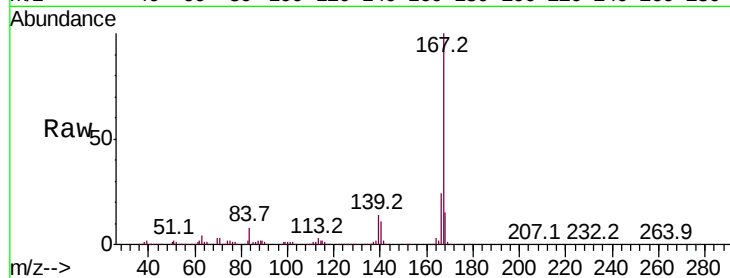
#73  
 Carbazole  
 Concen: 46.351 ng  
 RT: 17.94 min Scan# 2529  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMPMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 912088 |       |       |
| 166     | 24.0  |        | 19.4  | 29.2  |
| 139     | 14.1  |        | 10.8  | 16.2  |

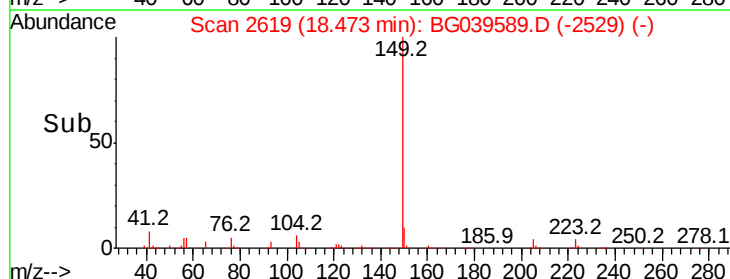
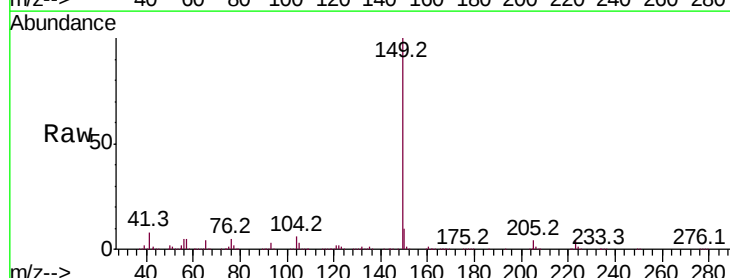
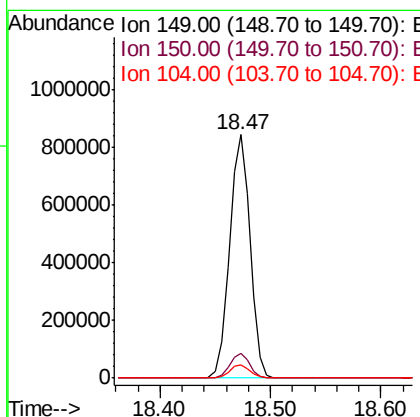
Manual Integrations  
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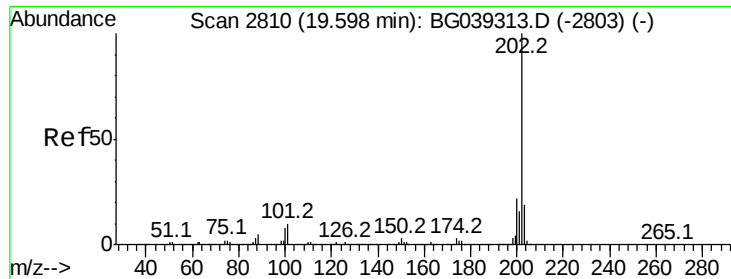
Sohil  
 2/26/2019 2:40:30 PM



#74  
 Di-n-butylphthalate  
 Concen: 47.849 ng  
 RT: 18.47 min Scan# 2619  
 Delta R.T. -0.00 min  
 Lab File: BG039589.D  
 Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1098473 |       |       |
| 150     | 10.0  |         | 7.7   | 11.5  |
| 104     | 5.6   |         | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 51.455 ng

RT: 19.58 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

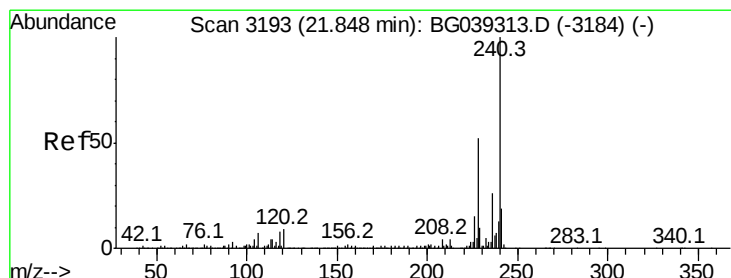
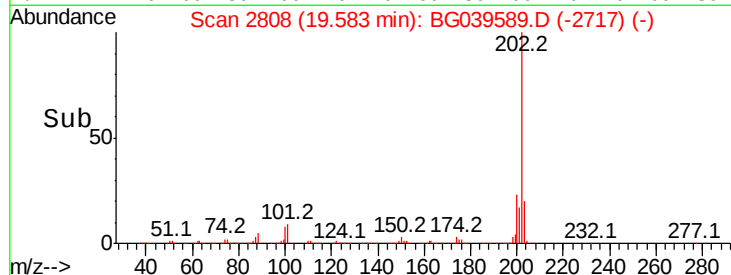
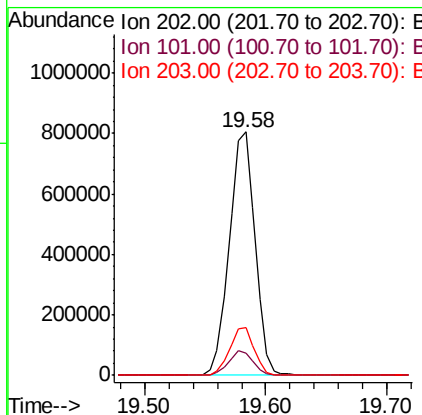
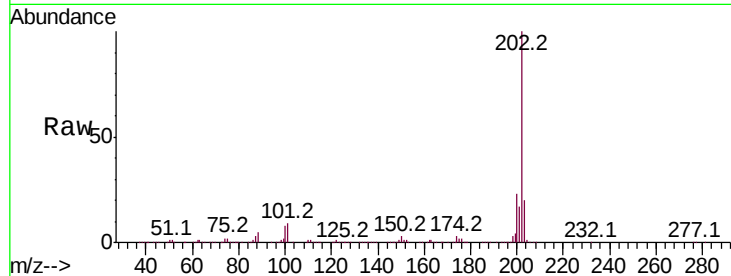
ClientSampled :

COMPMSSD

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1195536 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 9.2   | 0.0   | 30.0    |
| 203       | 19.7  | 0.0   | 38.9    |

Manual Integrations  
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#76

Chrysene-d12

Concen: 20.000 ng

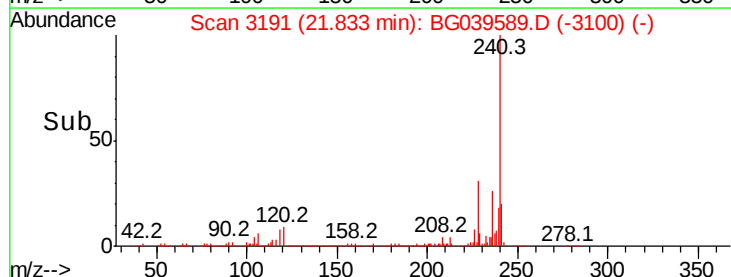
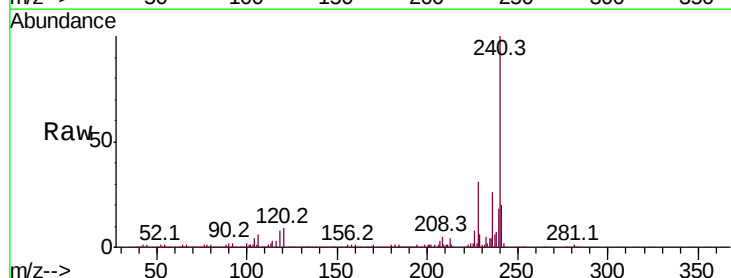
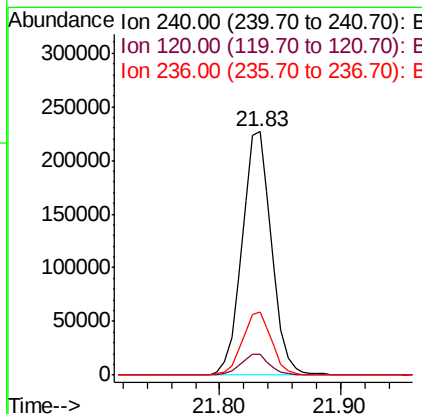
RT: 21.83 min Scan# 3191

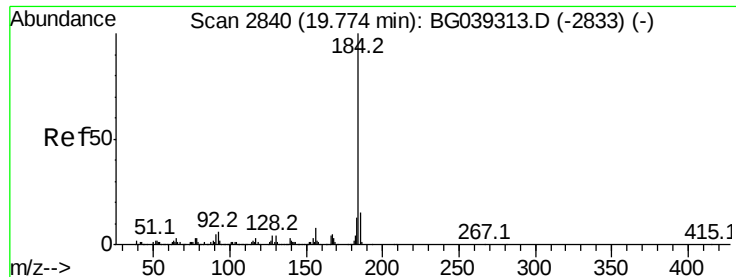
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 384760 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.8   | 7.0   | 10.6   |
| 236       | 25.8  | 21.0  | 31.4   |





#77

Benzidine

Concen: 9.275 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

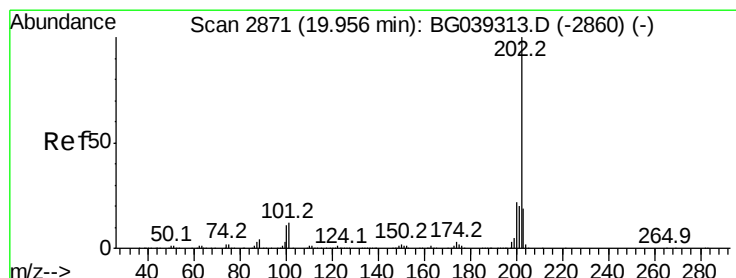
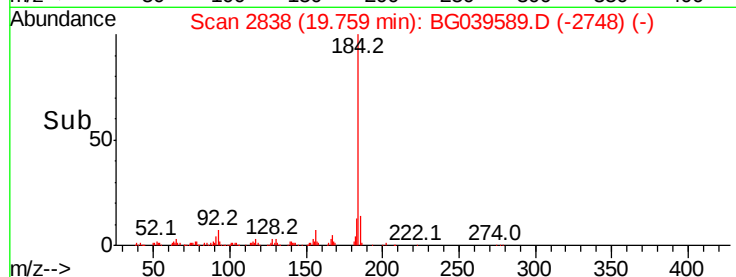
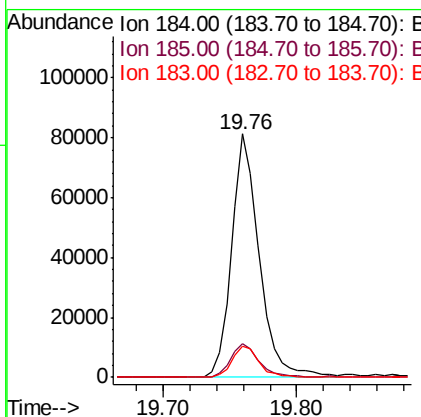
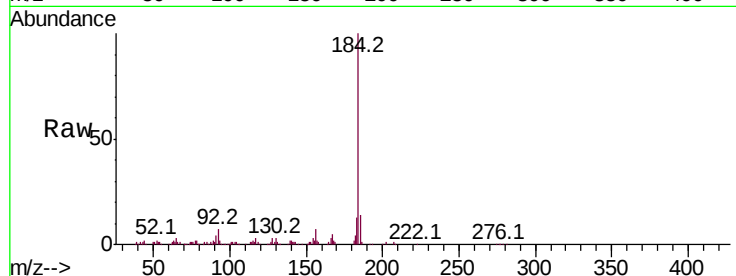
ClientSampled :

COMPMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 116997 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 12.2  | 18.2   |
| 183       | 12.8  | 10.6  | 15.8   |

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#78

Pyrene

Concen: 50.423 ng

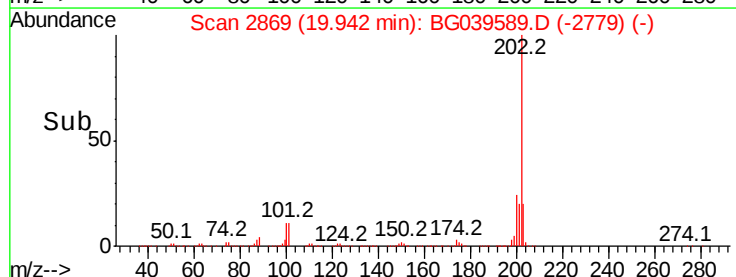
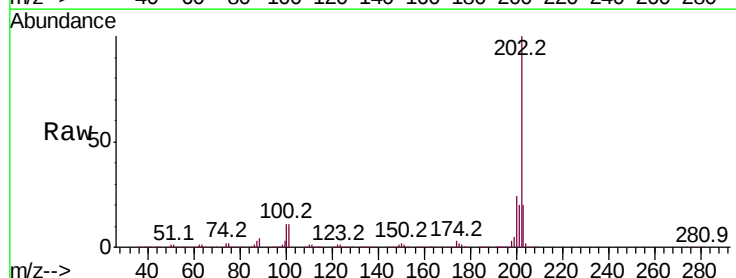
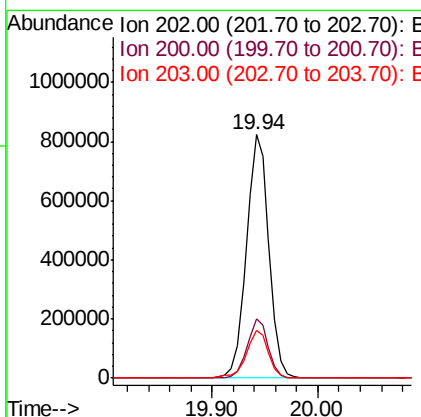
RT: 19.94 min Scan# 2869

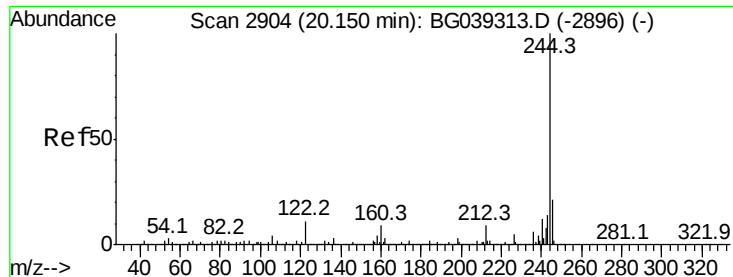
Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1207743 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 24.3  | 17.8  | 26.8    |
| 203       | 19.8  | 15.3  | 22.9    |





#79

Terphenyl-d14

Concen: 87.440 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

ClientSampleId :

COMPMSD

Tot Ion:244 Resp: 1589432

Ion Ratio Lower Upper

244 100

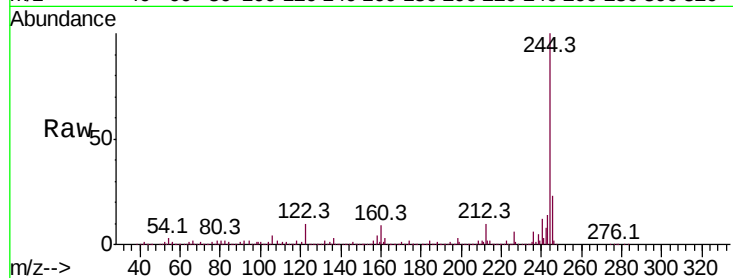
212 9.7 7.3 10.9

122 10.2 8.4 12.6

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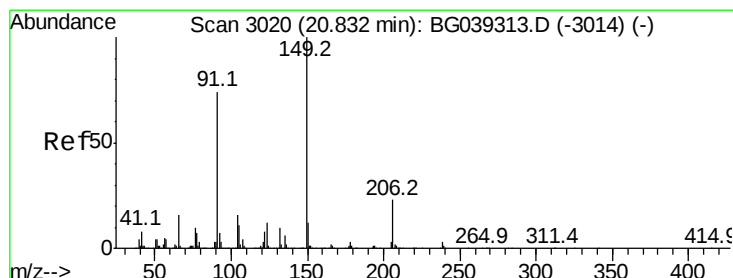
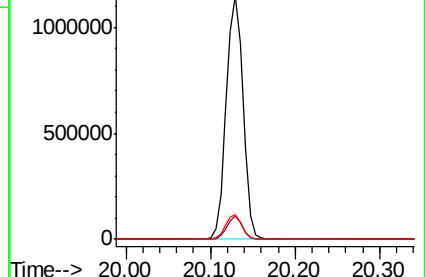
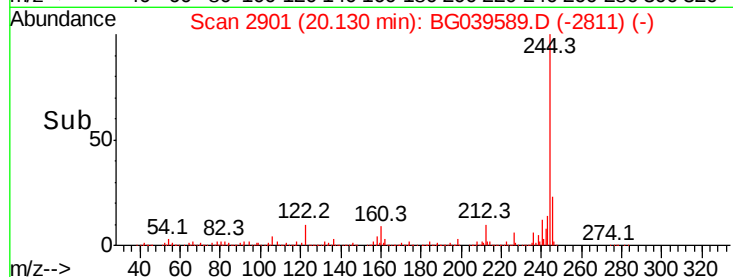
2/26/2019 2:40:30 PM



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: 51.090 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

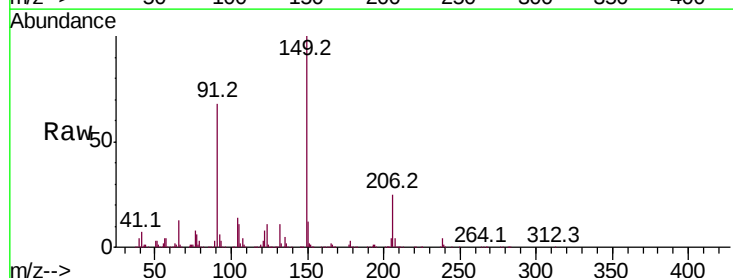
Tgt Ion:149 Resp: 516211

Ion Ratio Lower Upper

149 100

91 68.1 59.5 89.3

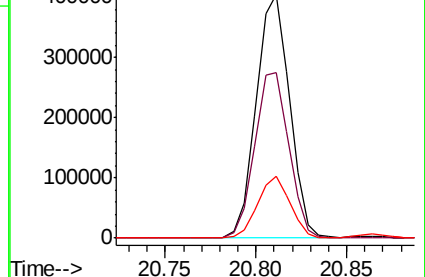
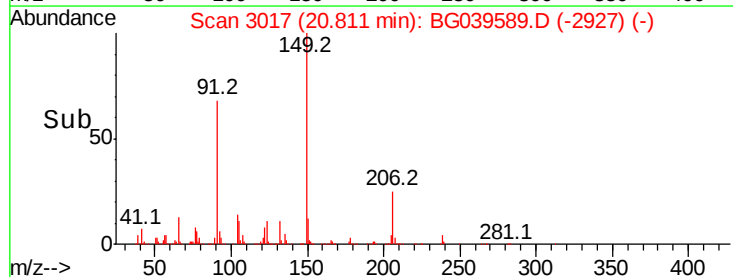
206 25.3 18.6 27.8

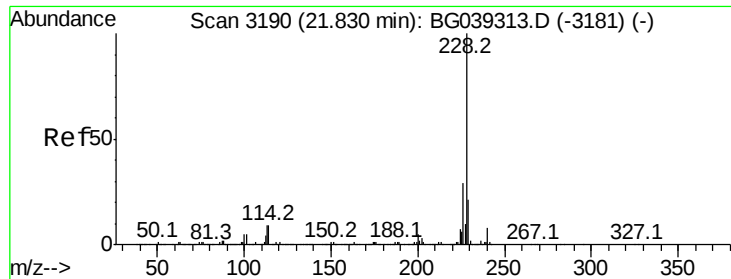


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.566 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

ClientSampleId :

COMPMSD

Tot Ion:228 Resp: 1195093

Ion Ratio Lower Upper

228 100

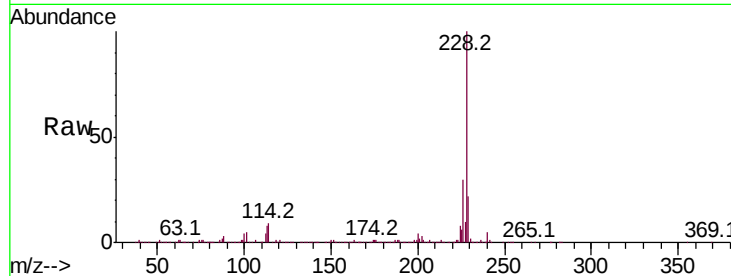
226 30.4 23.0 34.6

229 22.1 16.9 25.3

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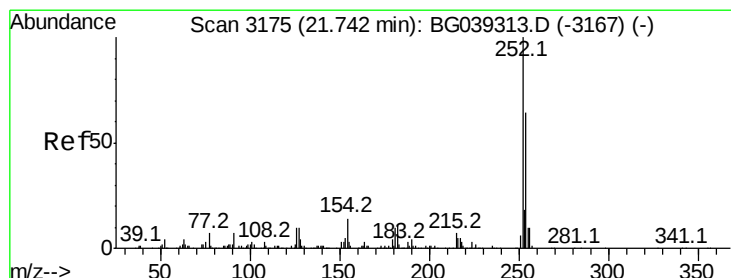
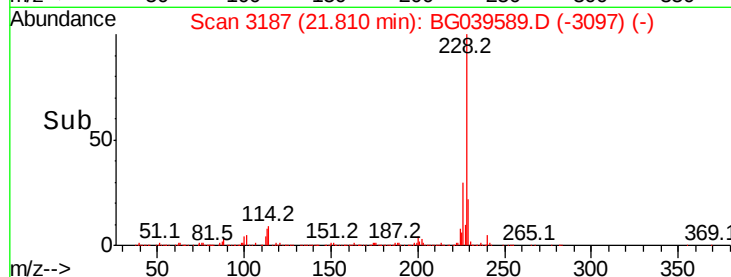
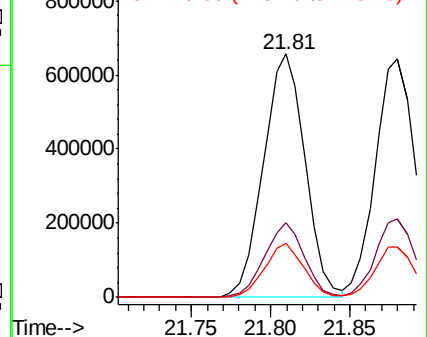


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.947 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

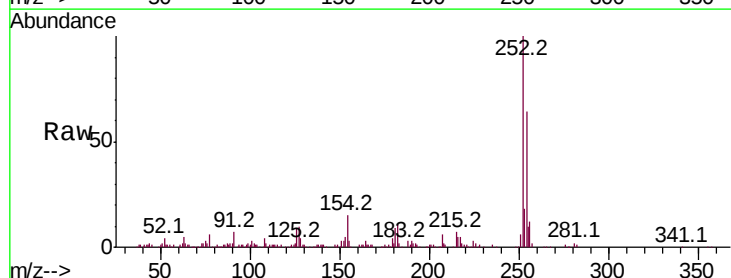
Tgt Ion:252 Resp: 134431

Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

126 9.5 8.0 12.0

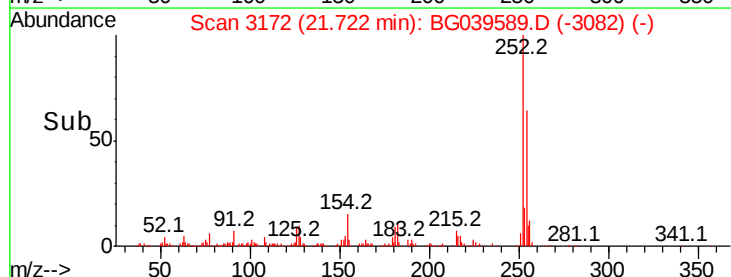
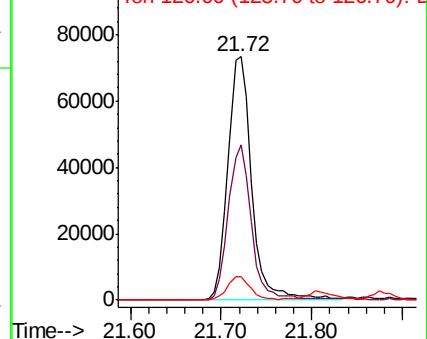


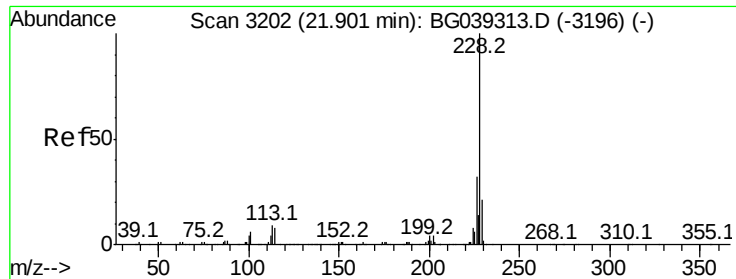
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





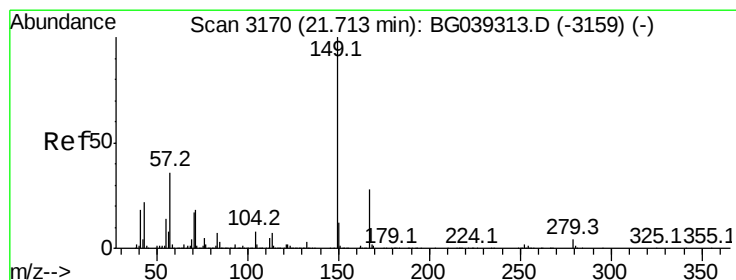
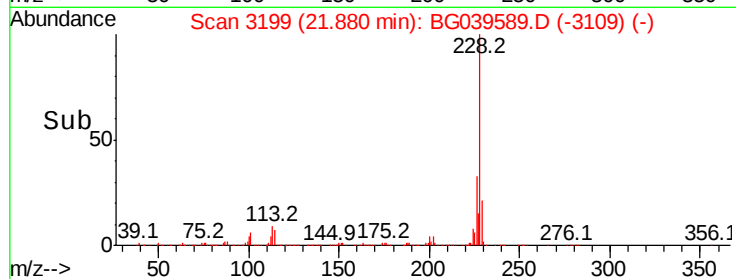
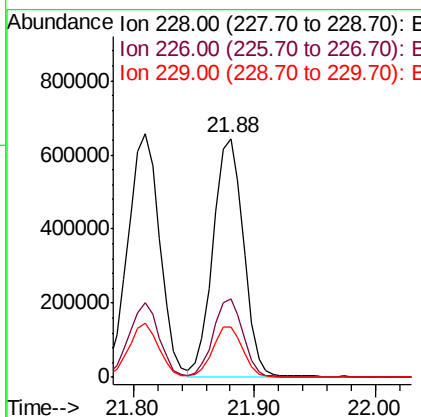
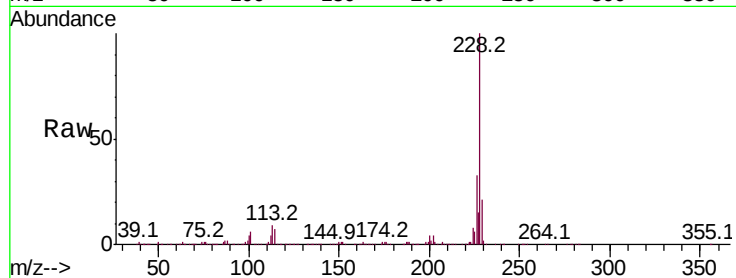
#83  
Chrysene  
Concen: 51.692 ng  
RT: 21.88 min Scan# 3199  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.8  | 25.8  | 38.6  |
| 229     | 20.8  | 16.6  | 25.0  |

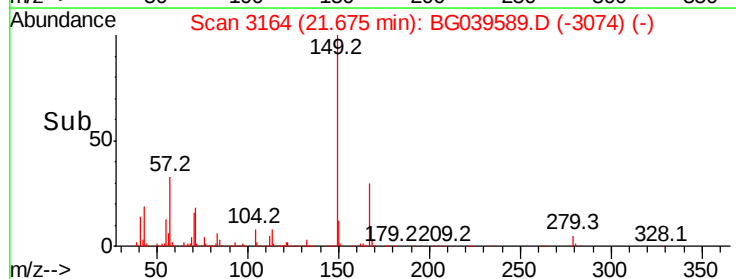
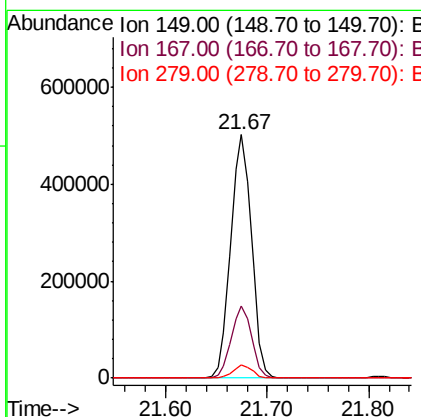
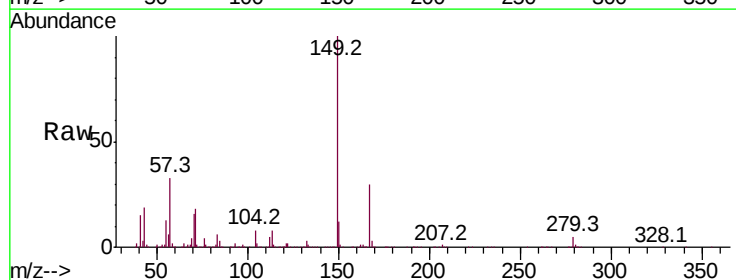
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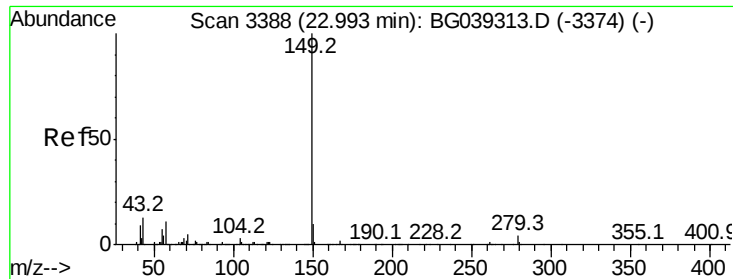
Sohil  
2/26/2019 2:40:30 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 49.847 ng  
RT: 21.67 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.7  | 22.6  | 34.0  |
| 279     | 5.2   | 3.5   | 5.3   |





#85

Di-n-octyl phthalate

Concen: 50.245 ng

RT: 22.94 min Scan# 3379

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

ClientSampleId :

COMPMSD

Tot Ion:149 Resp: 1196573

Ion Ratio Lower Upper

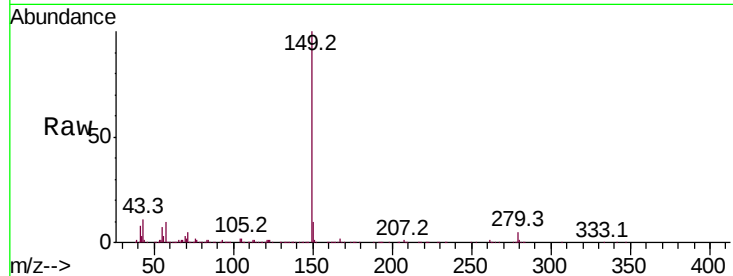
149 100

167 1.6 1.3 1.9

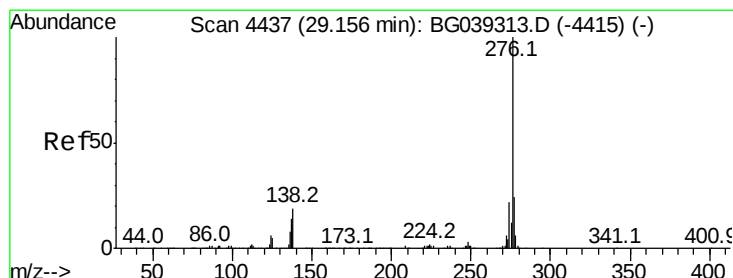
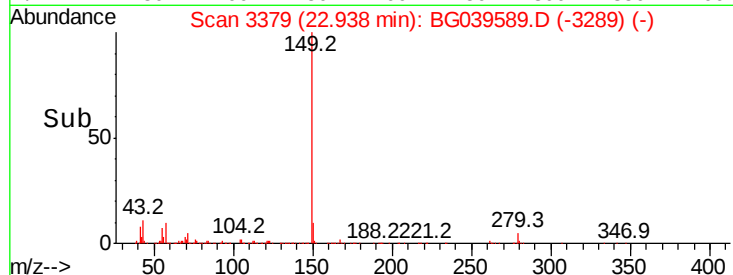
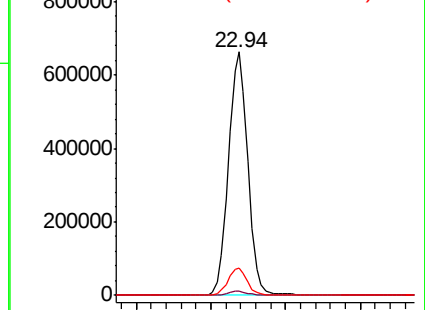
43 10.9 10.2 15.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.125 ng

RT: 29.09 min Scan# 4427

Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

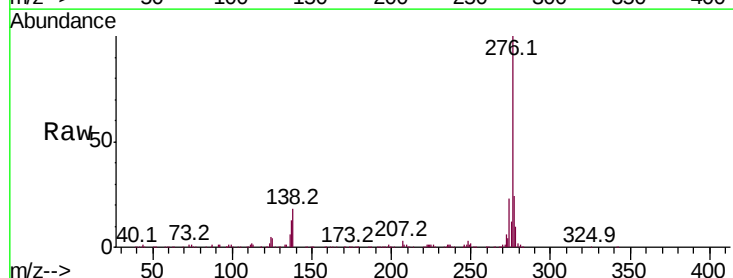
Tgt Ion:276 Resp: 1071045

Ion Ratio Lower Upper

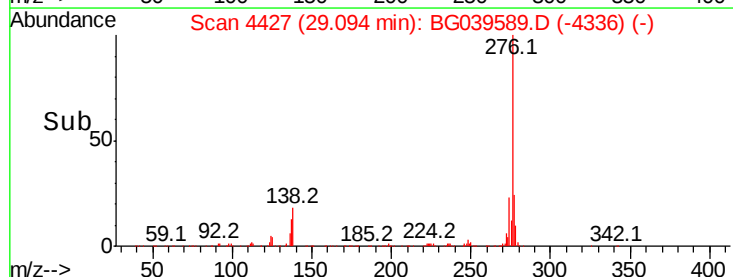
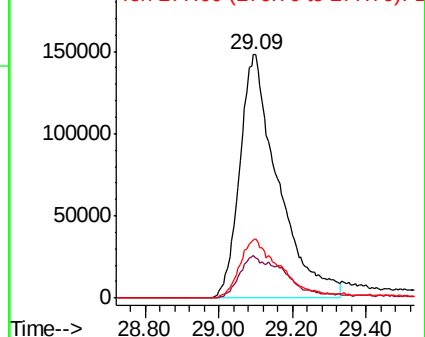
276 100

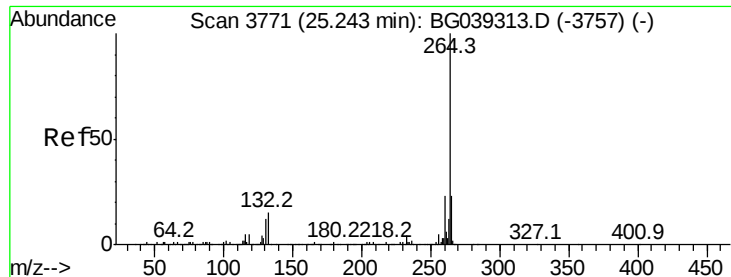
138 20.2 12.6 19.0#

277 25.8 20.8 31.2



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





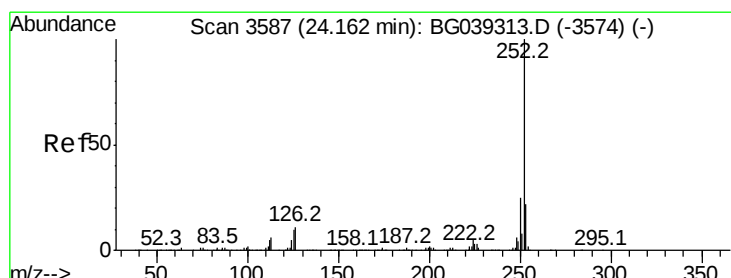
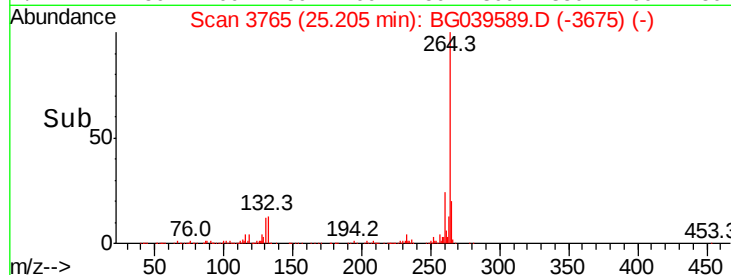
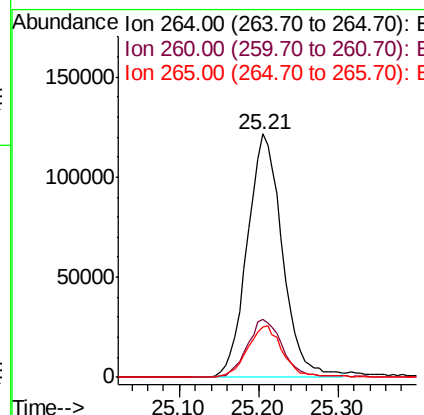
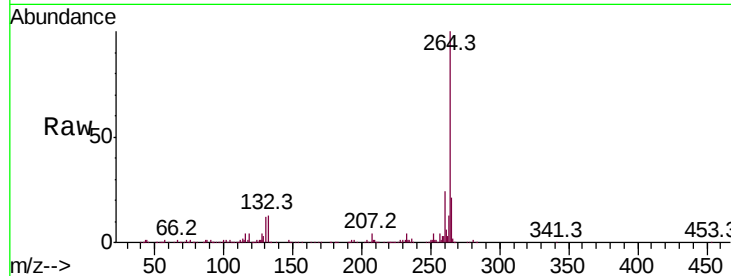
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.21 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

Instrument :  
BNA\_G  
ClientSampleId :  
COMPMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 18.2  | 27.4  |
| 265     | 20.6  | 18.5  | 27.7  |

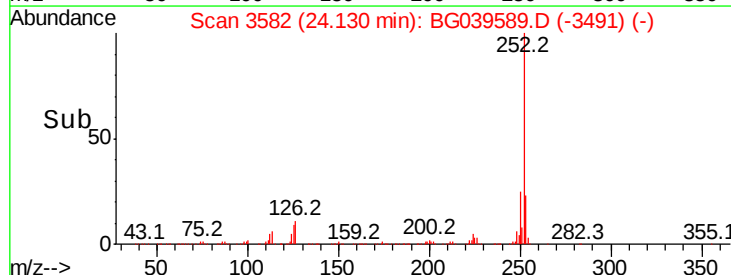
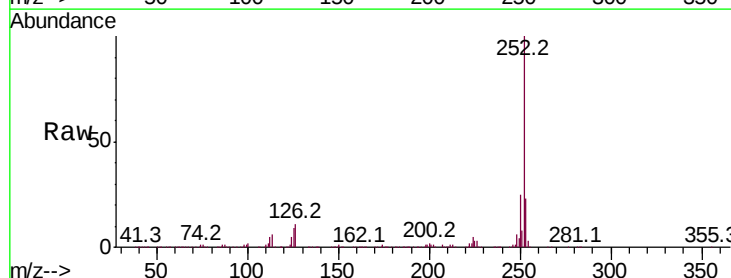
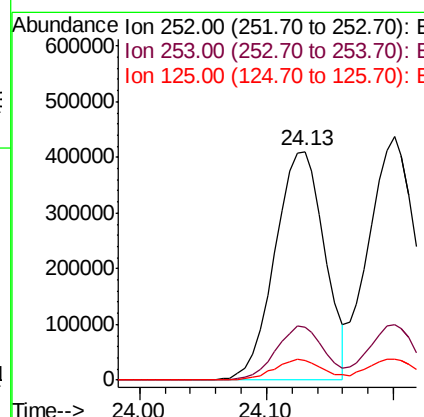
Manual Integrations  
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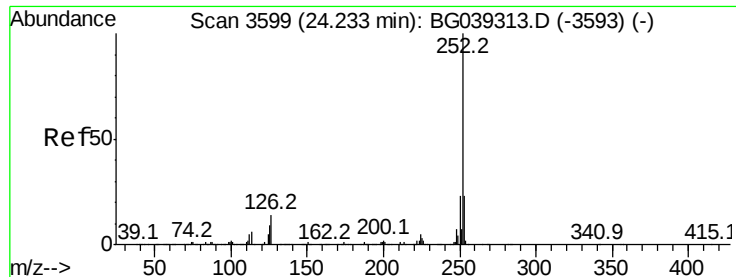
Sohil  
2/26/2019 2:40:30 PM



#88  
Benzo(b)fluoranthene  
Concen: 54.937 ng  
RT: 24.13 min Scan# 3582  
Delta R.T. 0.01 min  
Lab File: BG039589.D  
Acq: 25 Feb 2019 16:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.8  | 26.8  |
| 125     | 8.5   | 7.8   | 11.6  |





#89

Benzo(k)fluoranthene

Concen: 57.044 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.00 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

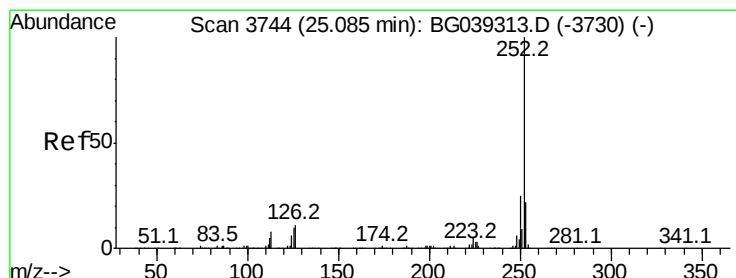
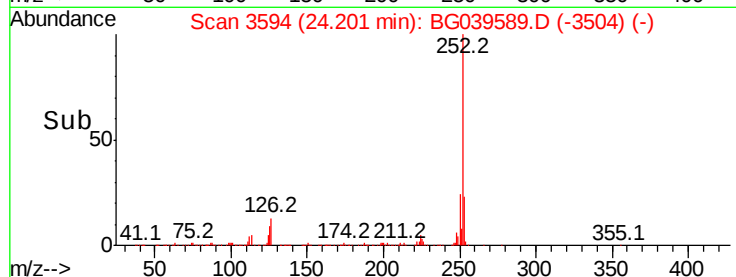
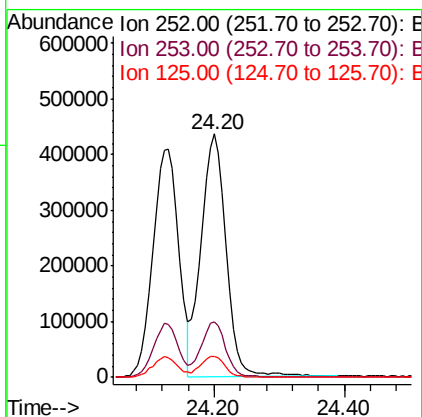
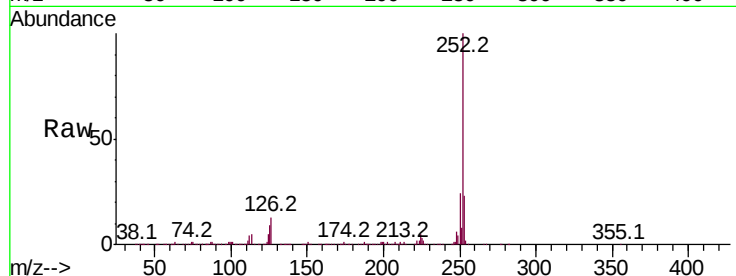
ClientSampleId :

COMPMSD

| Tot Ion:252 | Resp: 1166893 |       |       |
|-------------|---------------|-------|-------|
| Ion         | Ratio         | Lower | Upper |
| 252         | 100           |       |       |
| 253         | 22.8          | 18.2  | 27.2  |
| 125         | 8.6           | 7.4   | 11.2  |

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#90

Benzo(a)pyrene

Concen: 57.357 ng

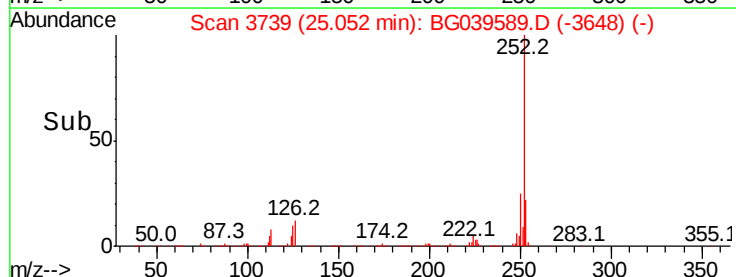
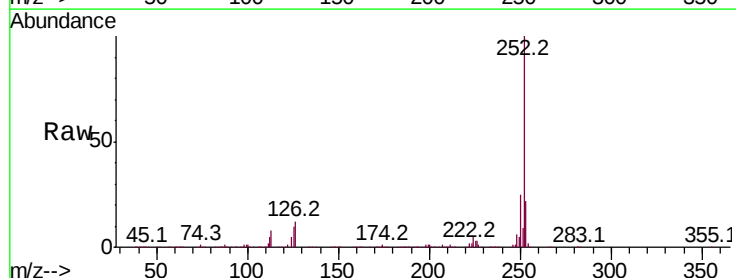
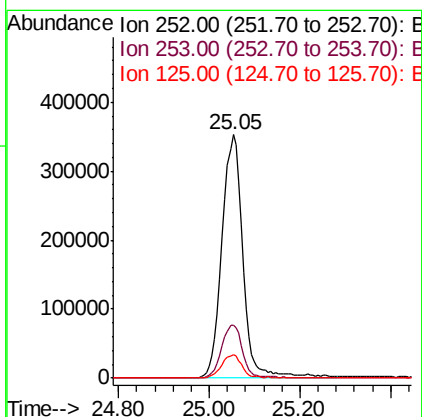
RT: 25.05 min Scan# 3739

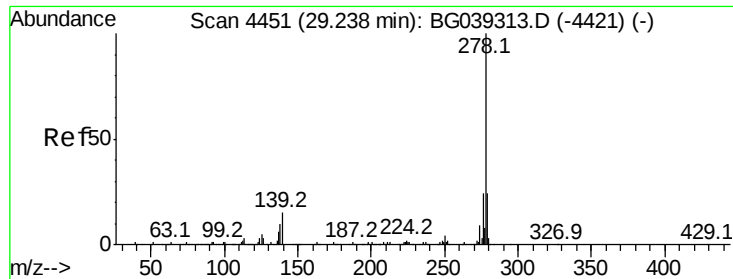
Delta R.T. 0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

| Tgt Ion:252 | Resp: 1125503 |       |       |
|-------------|---------------|-------|-------|
| Ion         | Ratio         | Lower | Upper |
| 252         | 100           |       |       |
| 253         | 22.0          | 17.9  | 26.9  |
| 125         | 9.8           | 8.3   | 12.5  |





#91

Dibenzo(a,h)anthracene

Concen: 45.939 ng

RT: 29.16 min Scan# 4439

Delta R.T. -0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

Instrument :

BNA\_G

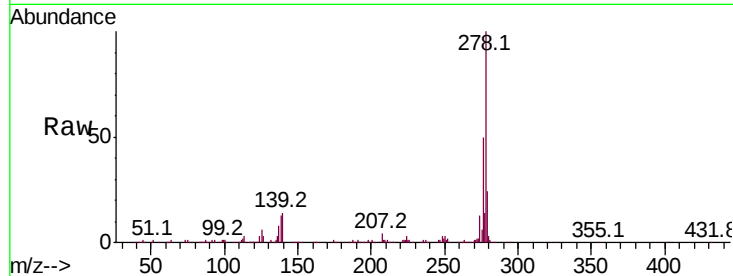
ClientSampled :

COMPMSSD

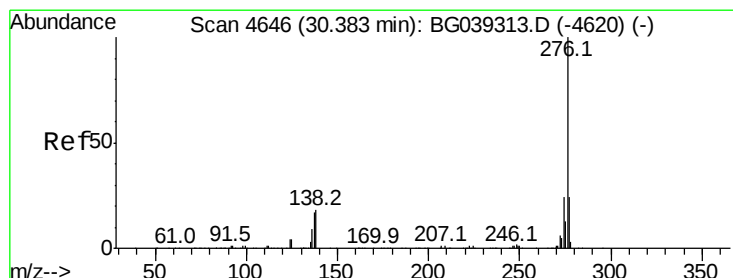
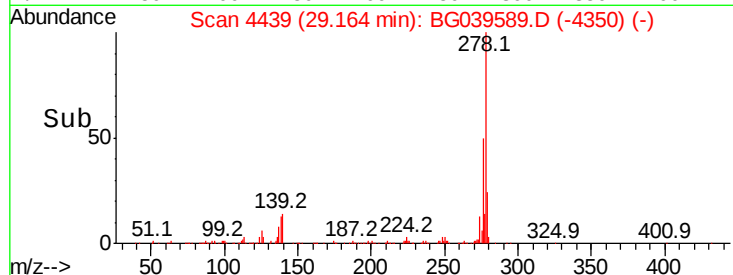
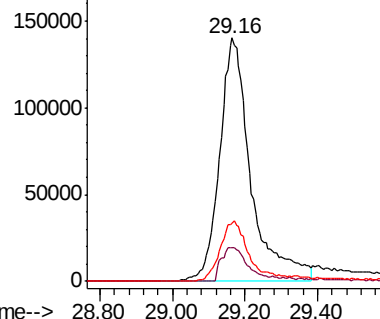
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 844202 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 14.0  | 11.7  | 17.5   |
| 279       | 23.9  | 19.1  | 28.7   |

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Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.754 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.01 min

Lab File: BG039589.D

Acq: 25 Feb 2019 16:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 874682 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.5  | 19.6  | 29.4   |
| 138       | 18.4  | 14.7  | 22.1   |

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

