

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\  
 Data File : BG037979.D  
 Acq On : 13 Nov 2018 15:29  
 Operator : JU/SJ  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

Sohil  
 11/14/2018 2:24:10 PM

Quant Time: Nov 13 16:33:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 14:15:44 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.09  | 152  | 60844    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.91 | 136  | 269585   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.73 | 164  | 161762   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.47 | 188  | 369594   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.76 | 240  | 332039   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.08 | 264  | 350362   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.63  | 112 | 561482  | 154.28 | ng | 0.00 |
| 7) Phenol-d6                | 7.24  | 99  | 787026  | 143.02 | ng | 0.01 |
| 23) Nitrobenzene-d5         | 9.28  | 82  | 787426  | 163.62 | ng | 0.01 |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330 | 296327  | 167.96 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.35 | 172 | 1630594 | 152.00 | ng | 0.00 |
| 79) Terphenyl-d14           | 20.07 | 244 | 1960090 | 126.14 | ng | 0.00 |

|                                |       |     |         |        |        |      |
|--------------------------------|-------|-----|---------|--------|--------|------|
| Target Compounds               |       |     |         |        | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 124808  | 67.625 | ng     | 98   |
| 3) Pyridine                    | 3.92  | 79  | 381636  | 82.042 | ng     | 96   |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 144438  | 87.175 | ng     | # 97 |
| 6) Aniline                     | 7.42  | 93  | 515156  | 76.735 | ng     | 98   |
| 8) 2-Chlorophenol              | 7.65  | 128 | 322493  | 75.748 | ng     | 98   |
| 9) Benzaldehyde                | 7.23  | 77  | 264596  | 76.864 | ng     | 98   |
| 10) Phenol                     | 7.27  | 94  | 421529  | 72.598 | ng     | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.51  | 93  | 337369  | 76.502 | ng     | 97   |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146 | 367665  | 77.571 | ng     | 98   |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146 | 375351  | 77.420 | ng     | 98   |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146 | 351844  | 75.442 | ng     | 99   |
| 15) Benzyl Alcohol             | 8.33  | 79  | 314294  | 77.294 | ng     | 95   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45  | 630054  | 79.848 | ng     | 97   |
| 17) 2-Methylphenol             | 8.52  | 107 | 287152  | 74.805 | ng     | 96   |
| 18) Hexachloroethane           | 9.17  | 117 | 137643  | 83.275 | ng     | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 289189  | 76.313 | ng     | 98   |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 409824  | 74.672 | ng     | 99   |
| 22) Acetophenone               | 8.92  | 105 | 516530  | 76.398 | ng     | # 98 |
| 24) Nitrobenzene               | 9.32  | 77  | 400194  | 80.049 | ng     | 94   |
| 25) Isophorone                 | 9.83  | 82  | 710724  | 80.828 | ng     | 97   |
| 26) 2-Nitrophenol              | 10.02 | 139 | 210788  | 93.593 | ng     | 97   |
| 27) 2,4-Dimethylphenol         | 10.06 | 122 | 307291  | 76.418 | ng     | 95   |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93  | 452341  | 78.517 | ng     | 96   |
| 29) 2,4-Dichlorophenol         | 10.55 | 162 | 347926  | 77.710 | ng     | 98   |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180 | 381008  | 78.254 | ng     | 99   |
| 31) Naphthalene                | 10.96 | 128 | 999196  | 75.460 | ng     | 98   |
| 32) Benzoic acid               | 10.24 | 122 | 234104m | 89.633 | ng     |      |
| 33) 4-Chloroaniline            | 11.07 | 127 | 473455  | 76.099 | ng     | 97   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 238257  | 82.566 | ng     | 100  |
| 35) Caprolactam                | 11.90 | 113 | 142595  | 79.411 | ng     | 94   |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 372835  | 73.839 | ng     | 99   |
| 37) 2-Methylnaphthalene        | 12.56 | 142 | 719530  | 74.544 | ng     | 98   |
| 38) 1-Methylnaphthalene        | 12.78 | 142 | 698378  | 74.503 | ng     | 98   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 431437  | 82.687 | ng     | 100  |

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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 13 14:15:44 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 247139   | 99.159  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 300038   | 86.073  | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 312872   | 82.437  | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 1042621  | 77.827  | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 803209   | 79.250  | nq    | 98       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 266888   | 86.835  | nq    | 96       |
| 49) Acenaphthylene             | 14.45 | 152  | 1178765  | 77.316  | nq    | 97       |
| 50) Dimethylphthalate          | 14.18 | 163  | 969465   | 77.469  | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 233528   | 84.355  | nq    | 96       |
| 52) Acenaphthene               | 14.79 | 154  | 731966   | 77.955  | nq    | 98       |
| 53) 3-Nitroaniline             | 14.65 | 138  | 256650   | 83.510  | nq    | # 95     |
| 54) 2,4-Dinitrophenol          | 14.85 | 184  | 128838   | 159.980 | nq    | 94       |
| 55) Dibenzofuran               | 15.12 | 168  | 1155141  | 74.253  | nq    | 96       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 201226   | 88.457  | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 317986   | 87.504  | nq    | 97       |
| 58) Fluorene                   | 15.77 | 166  | 866403   | 74.371  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.34 | 232  | 265727   | 81.774  | nq    | 98       |
| 60) Diethylphthalate           | 15.53 | 149  | 989061   | 76.983  | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 522170   | 76.900  | nq    | 100      |
| 62) 4-Nitroaniline             | 15.81 | 138  | 254435   | 83.316  | nq    | 94       |
| 63) Azobenzene                 | 16.06 | 77   | 929242   | 75.806  | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 204461   | 119.483 | nq    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 856197   | 77.014  | nq    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.65 | 248  | 325478   | 80.192  | nq    | 98       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 326345   | 77.580  | nq    | 99       |
| 69) Atrazine                   | 16.92 | 200  | 318364   | 79.204  | nq    | 99       |
| 70) Pentachlorophenol          | 17.11 | 266  | 248464   | 88.181  | nq    | 96       |
| 71) Phenanthrene               | 17.52 | 178  | 1384259  | 73.694  | nq    | 98       |
| 72) Anthracene                 | 17.61 | 178  | 1377216  | 74.711  | nq    | 95       |
| 73) Carbazole                  | 17.88 | 167  | 1384531  | 75.086  | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 1541628  | 75.157  | nq    | # 97     |
| 75) Fluoranthene               | 19.52 | 202  | 1564922  | 73.455  | nq    | 96       |
| 77) Benzidine                  | 19.70 | 184  | 944988   | 83.700  | nq    | 95       |
| 78) Pyrene                     | 19.89 | 202  | 1587260  | 73.126  | nq    | 96       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 742103   | 83.539  | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 1497819  | 76.264  | nq    | 94       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 623321   | 81.881  | nq    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 1437777  | 76.133  | nq    | 96       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 1036926  | 83.274  | nq    | 96       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 1712292  | 84.329  | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 1731488  | 85.483  | nq    | 98       |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 1516078  | 78.929  | nq    | 98       |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 1448550  | 76.973  | nq    | 96       |
| 90) Benzo(a)pyrene             | 24.93 | 252  | 1455584  | 79.748  | nq    | 97       |
| 91) Dibenzo(a,h)anthracene     | 28.98 | 278  | 1416895  | 84.157  | nq    | 96       |
| 92) Benzo(g,h,i)perylene       | 30.12 | 276  | 1419062  | 83.311  | nq    | 98       |

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

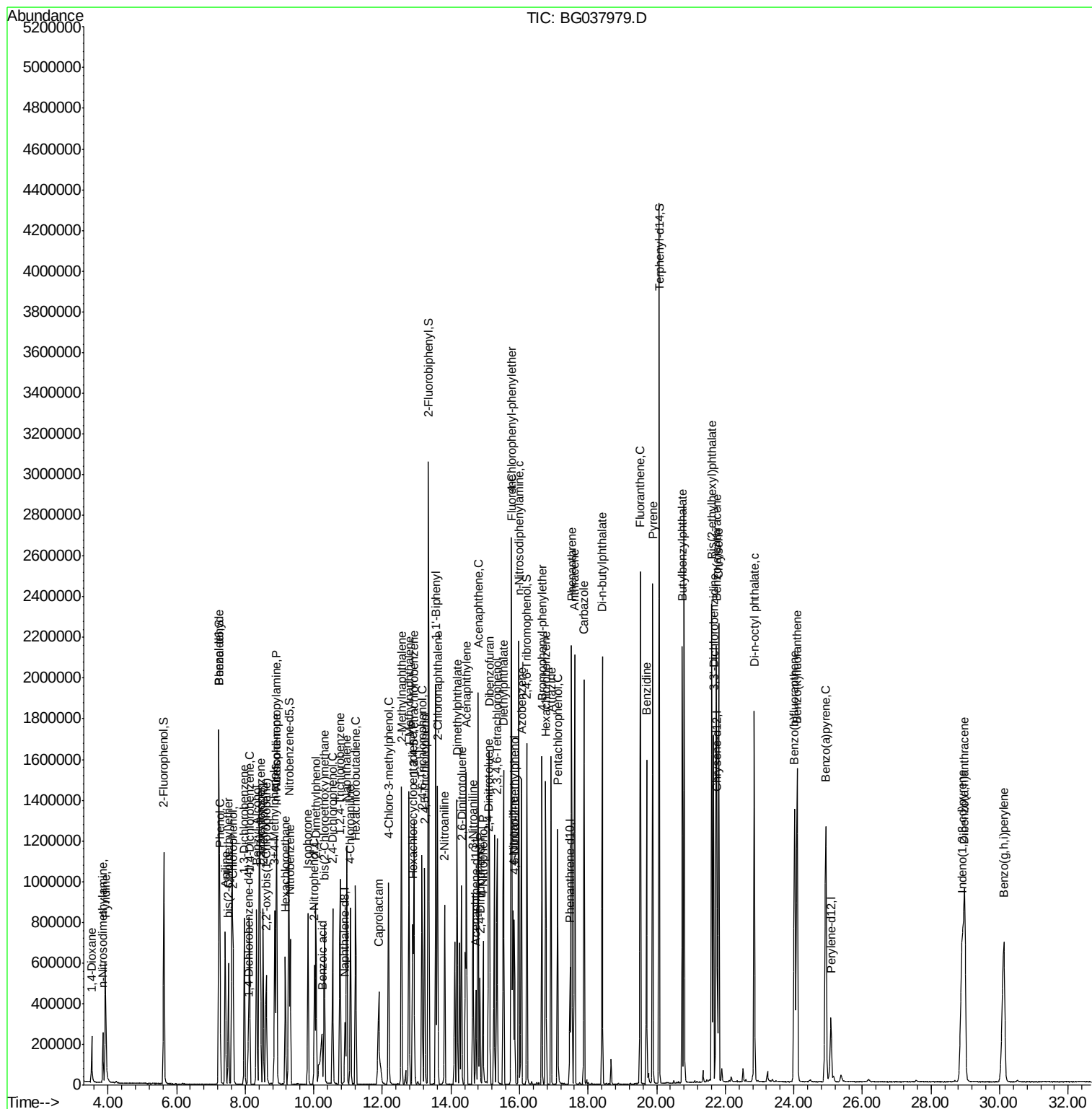
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111318\  
Data File : BG037979.D  
Acq On : 13 Nov 2018 15:29  
Operator : JU/SJ  
Sample : SSTDICC080  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

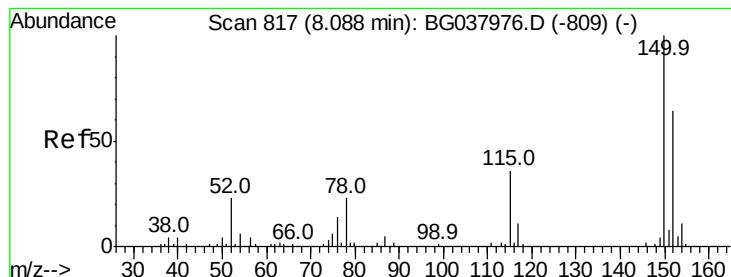
Instrument :  
BNA\_G  
ClientSampleID :  
SSTDICC080

Manual Integrations  
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#1

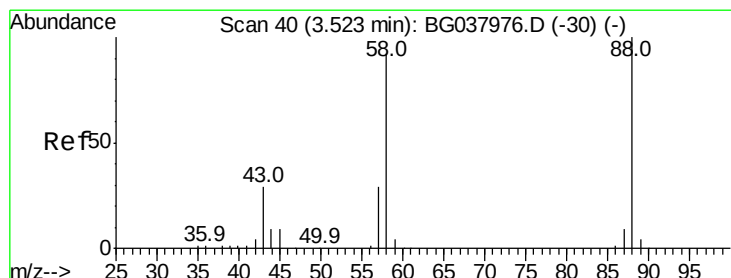
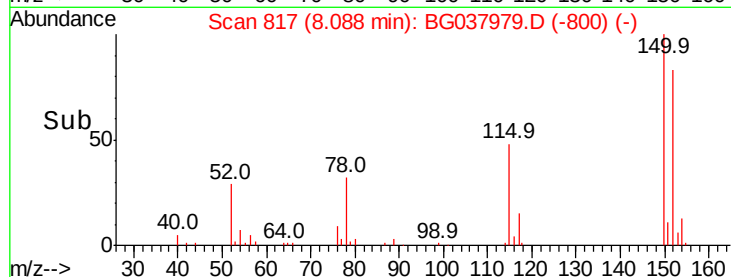
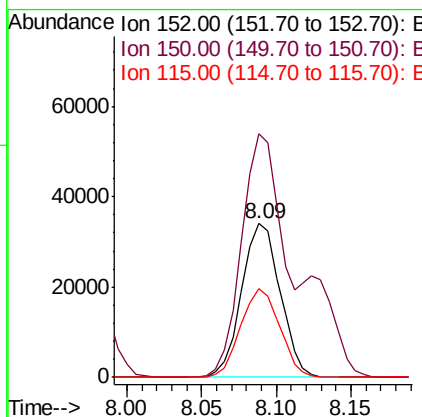
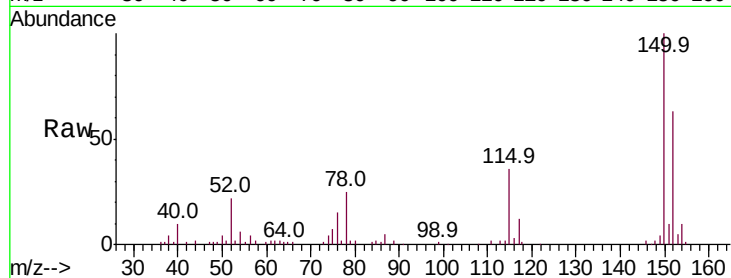
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.09 min Scan# 817  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.6 | 126.0 | 189.0 |
| 115     | 57.9  | 45.5  | 68.3  |

Manual Integrations  
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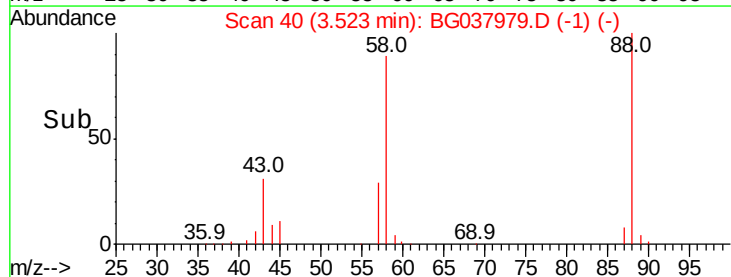
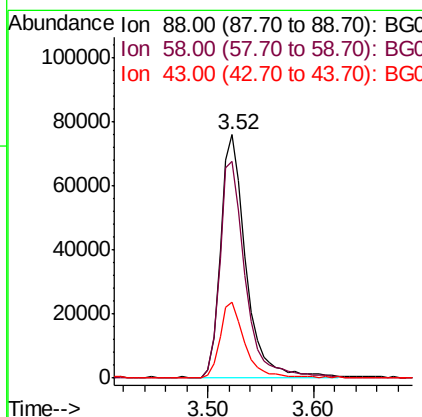
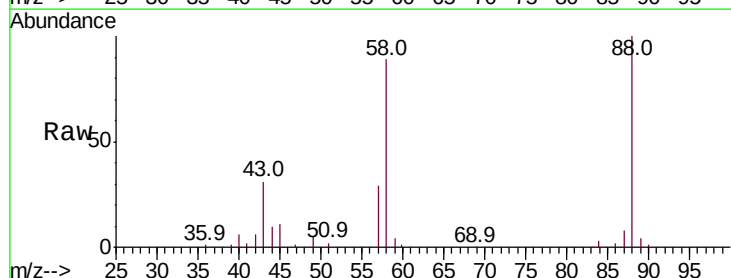
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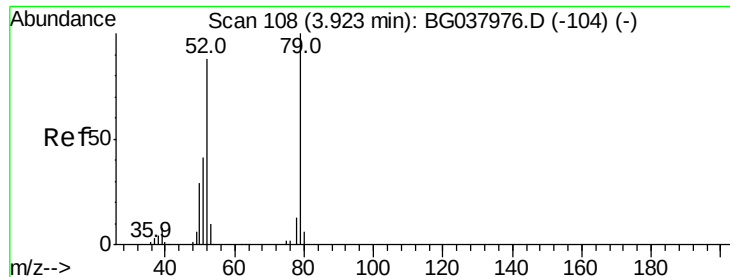


#2

1,4-Dioxane  
Concen: 67.625 ng  
RT: 3.52 min Scan# 40  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 91.5  | 74.4  | 111.6 |
| 43      | 31.2  | 25.8  | 38.8  |





#3

Pvridine

Concen: 82.042 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

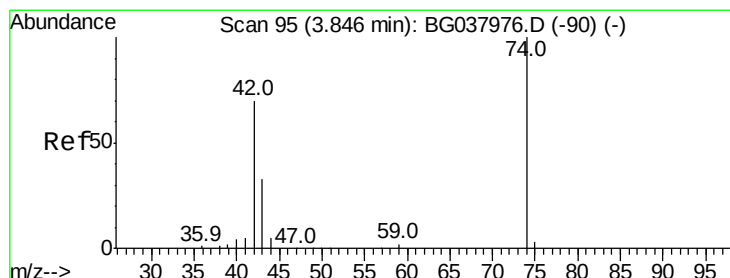
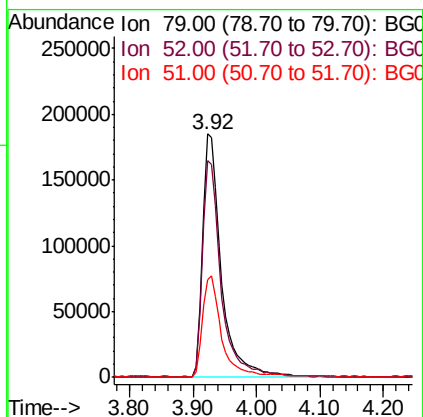
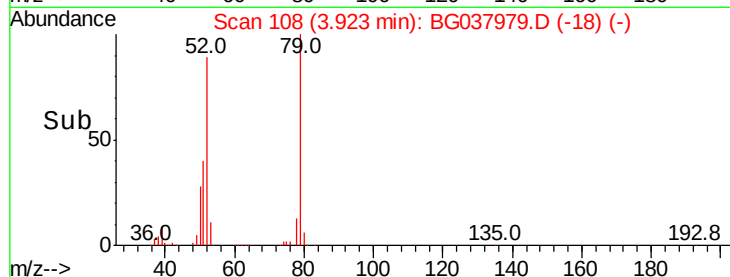
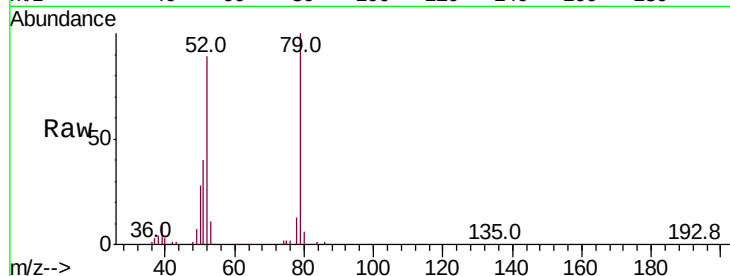
ClientSampleId :

SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 89.1  | 74.2  | 111.2 |
| 51      | 40.4  | 34.6  | 51.8  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 87.175 ng

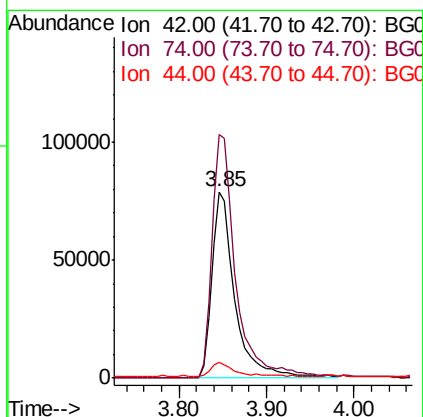
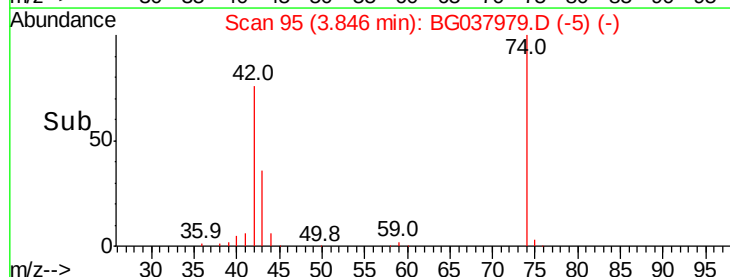
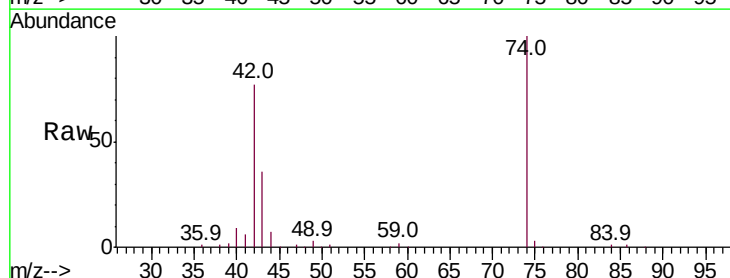
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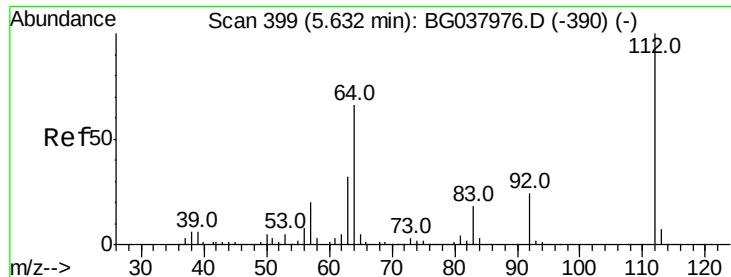
Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 130.6 | 102.0 | 153.0 |
| 44      | 8.7   | 9.6   | 14.4  |





#5

2-Fluorophenol

Concen: 154.282 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

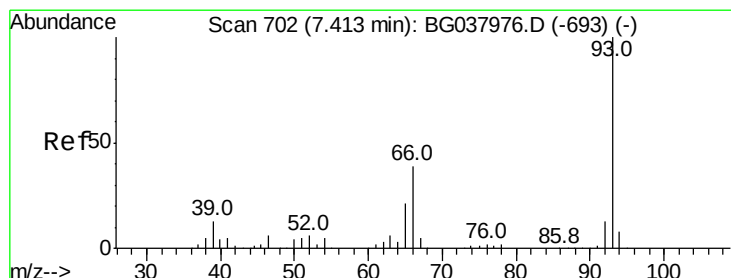
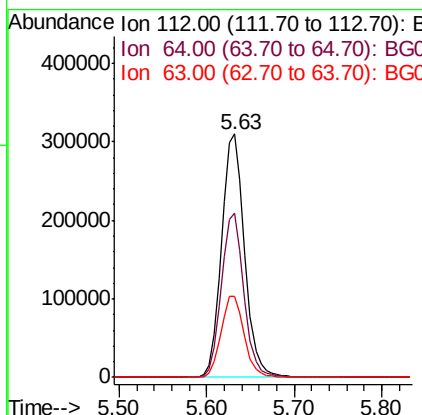
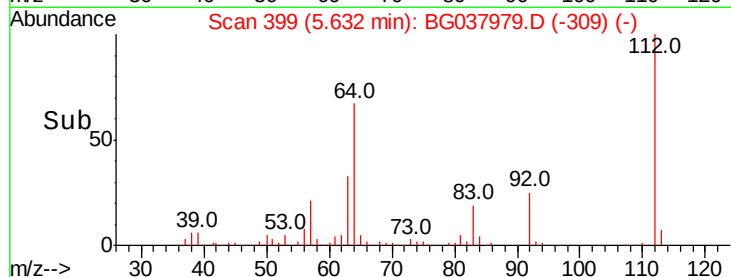
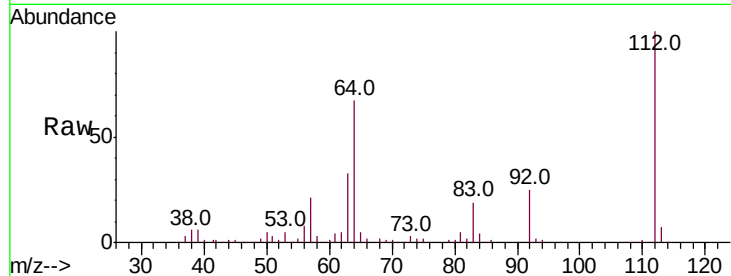
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 561482 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 67.3  | 53.1  | 79.7   |
| 63        | 33.4  | 27.3  | 40.9   |

Manual Integrations  
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#6

Aniline

Concen: 76.735 ng

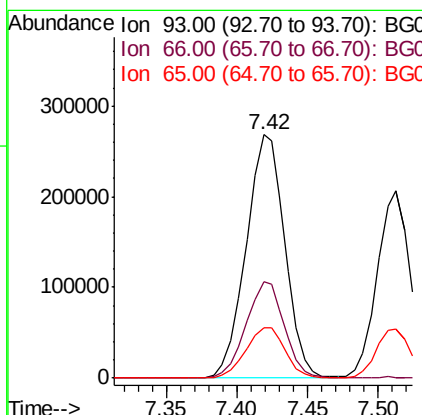
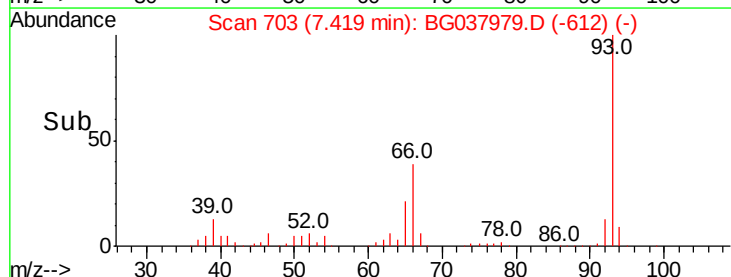
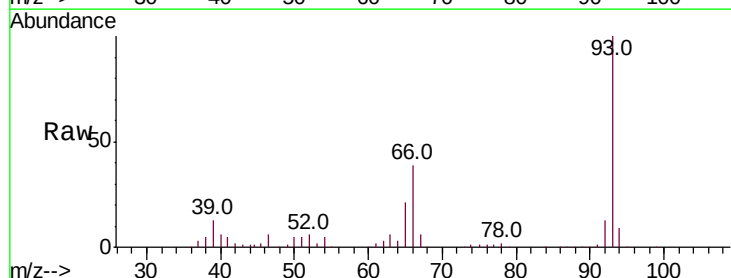
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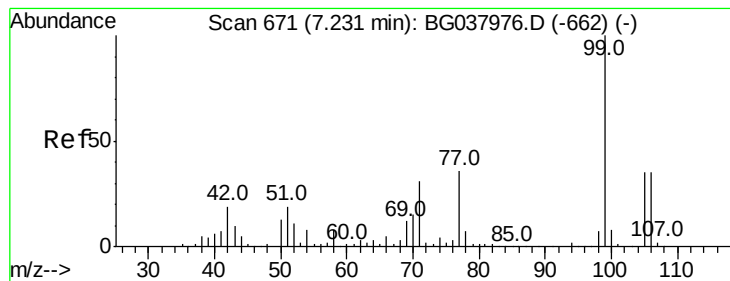
Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 515156 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.3  | 32.8  | 49.2   |
| 65        | 20.8  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 143.015 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

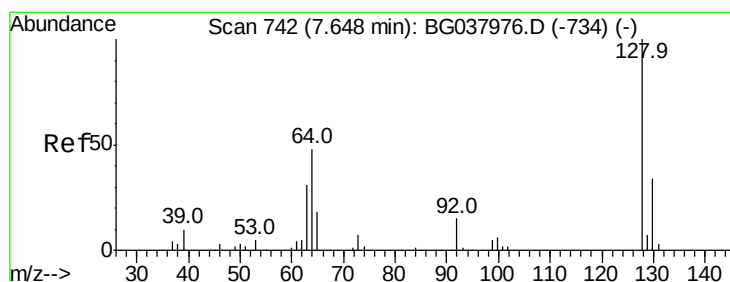
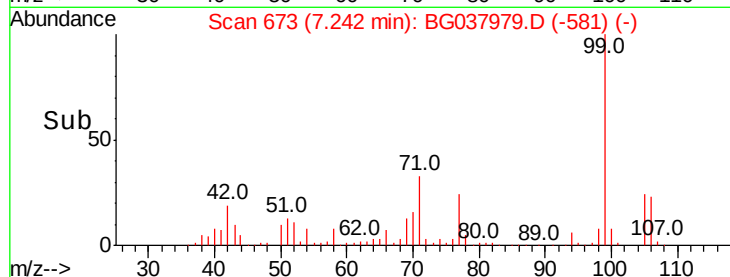
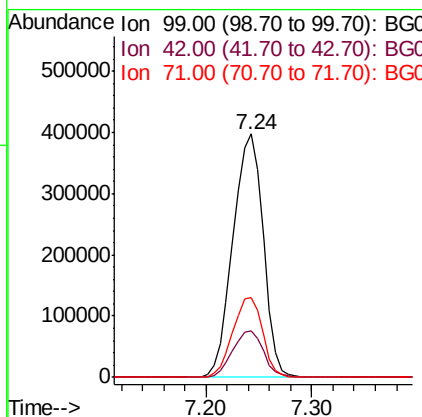
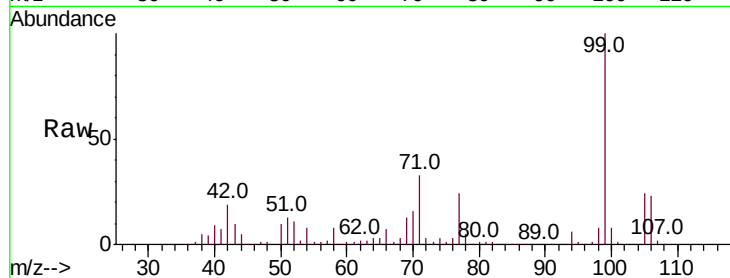
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 787026 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.4  | 15.0  | 22.4   |
| 71        | 32.7  | 25.5  | 38.3   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 75.748 ng

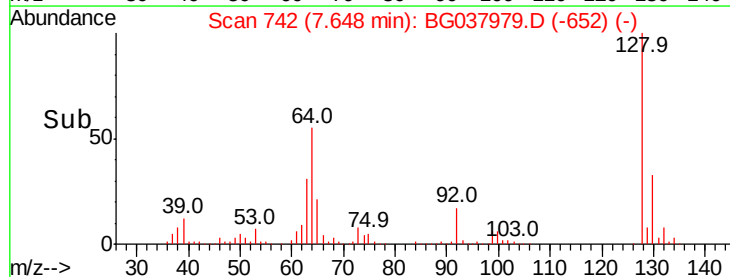
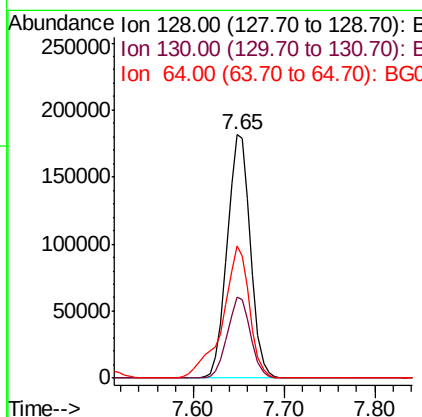
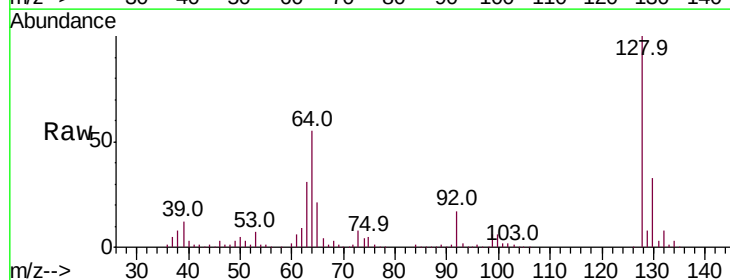
RT: 7.65 min Scan# 742

Delta R.T. 0.00 min

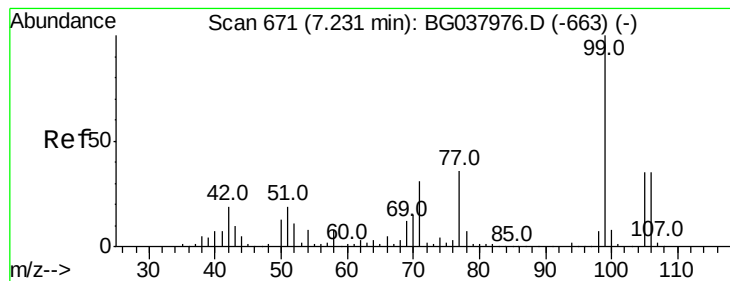
Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 322493 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.5  | 12.0  | 52.0   |
| 64        | 54.5  | 32.9  | 72.9   |







#9

Benzaldehyde

Concen: 76.864 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 264596

Ion Ratio Lower Upper

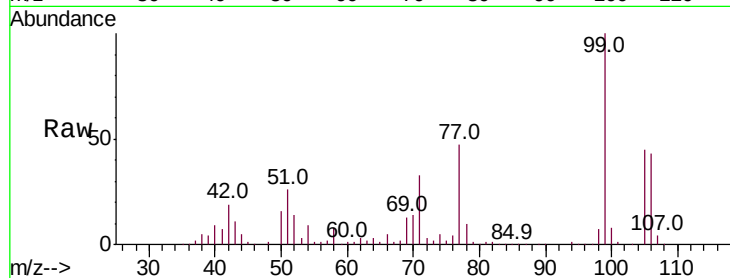
77 100

105 95.9 72.6 112.6

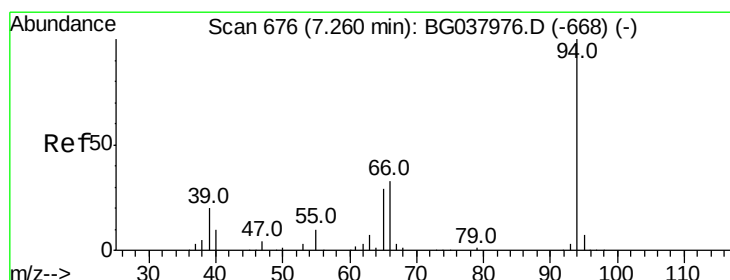
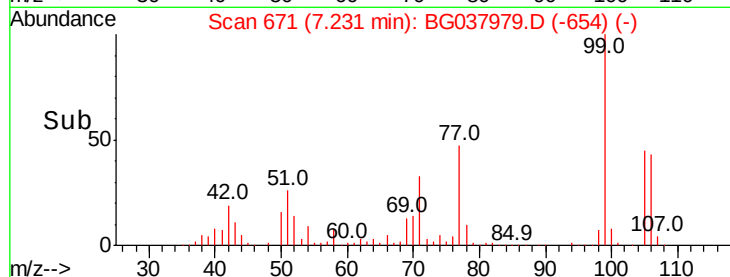
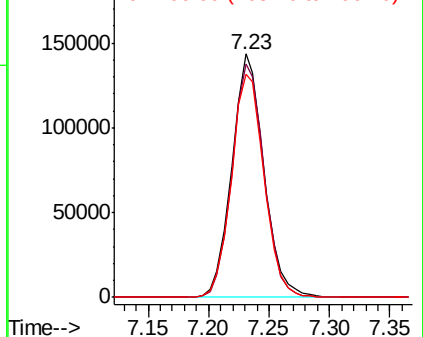
106 91.8 71.3 111.3

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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 72.598 ng

RT: 7.27 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

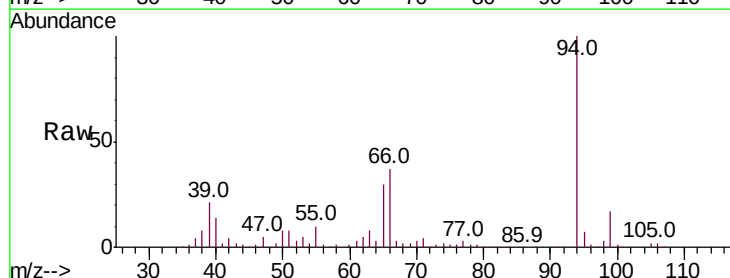
Tgt Ion: 94 Resp: 421529

Ion Ratio Lower Upper

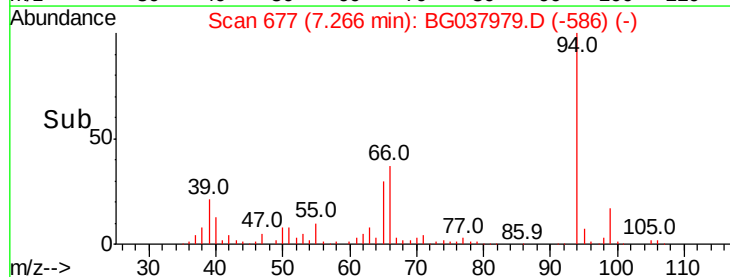
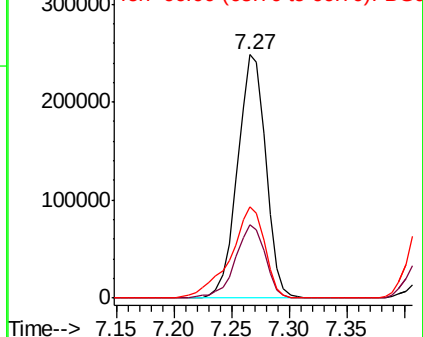
94 100

65 30.4 9.7 49.7

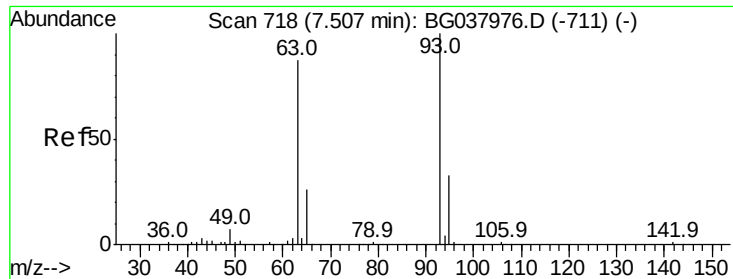
66 37.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC







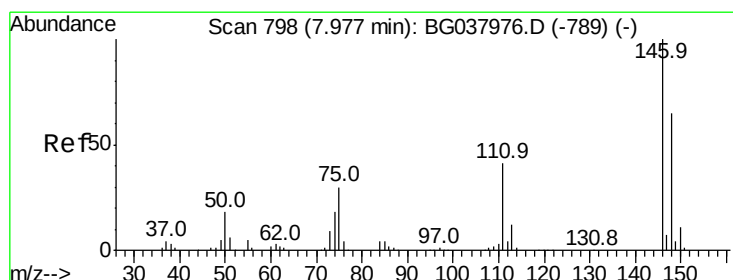
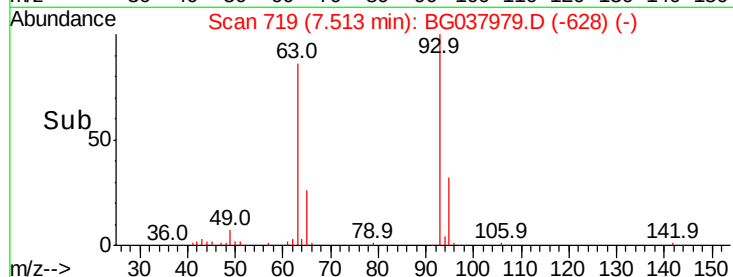
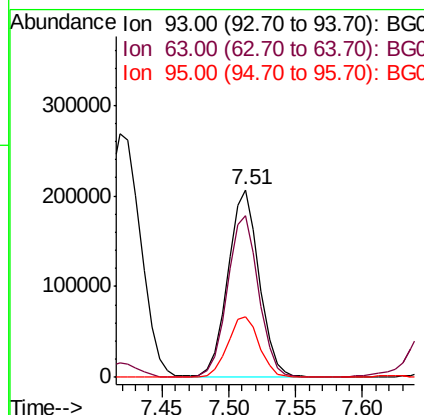
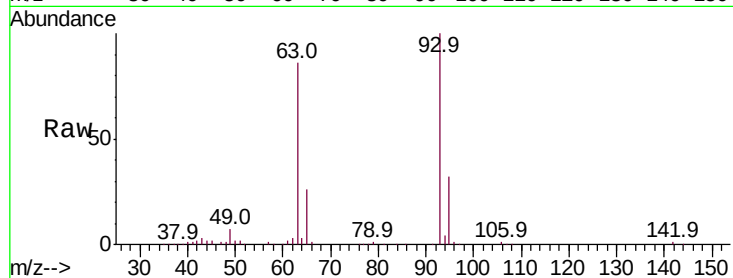
#11  
bis(2-Chloroethyl)ether  
Concen: 76.502 ng  
RT: 7.51 min Scan# 719  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | 93    | Resp  | 337369 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 86.5  | 69.5  | 109.5  |
| 95      | 32.2  | 12.6  | 52.6   |

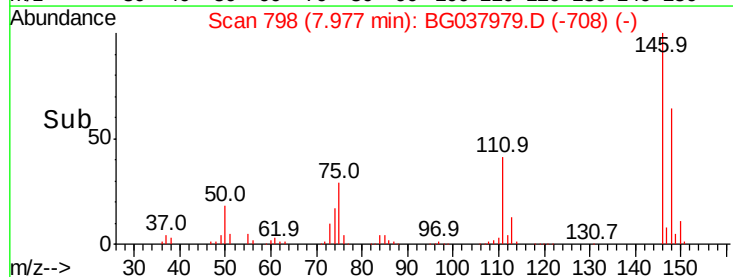
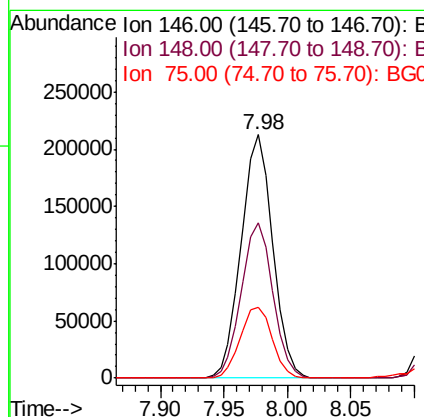
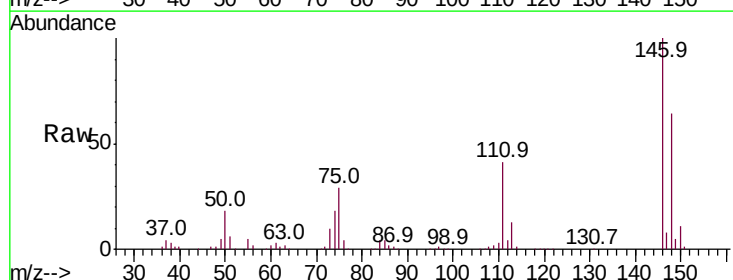
Manual Integrations  
APPROVED

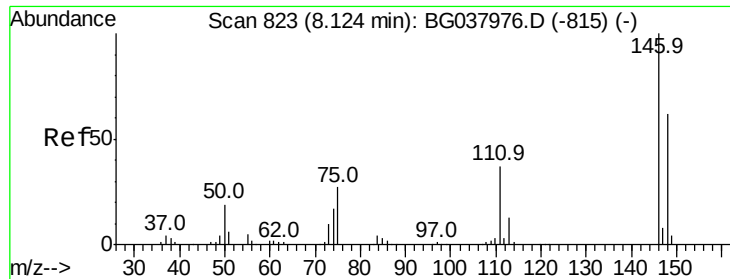
Sohil  
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#12  
1,3-Dichlorobenzene  
Concen: 77.571 ng  
RT: 7.98 min Scan# 798  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | 146   | Resp  | 367665 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 64.0  | 49.8  | 74.8   |
| 75      | 29.2  | 23.2  | 34.8   |





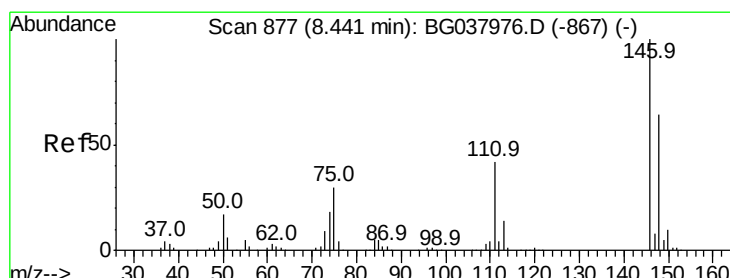
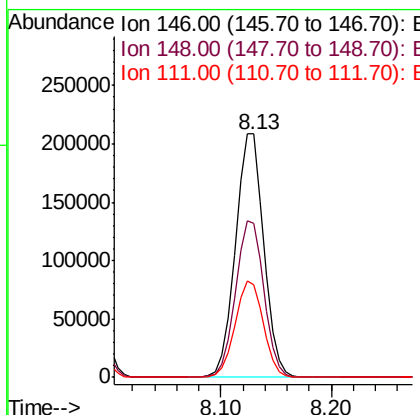
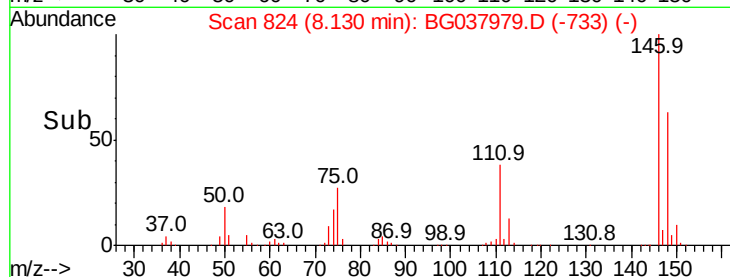
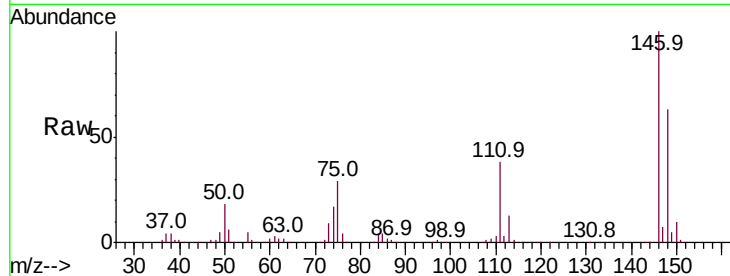
#13  
 1,4-Dichlorobenzene  
 Concen: 77.420 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 51.0  | 76.6  |
| 111     | 38.0  | 32.4  | 48.6  |

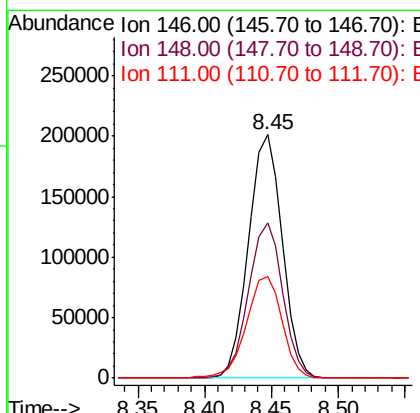
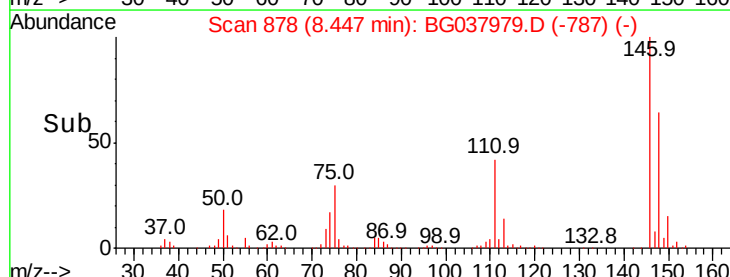
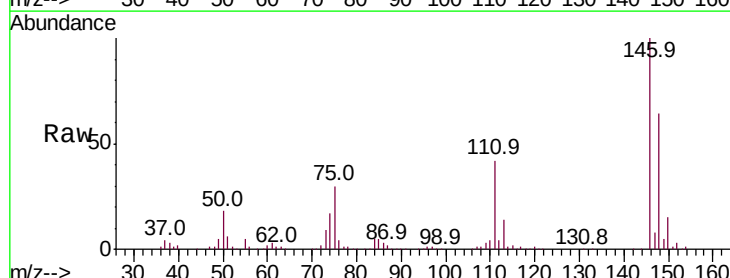
Manual Integrations  
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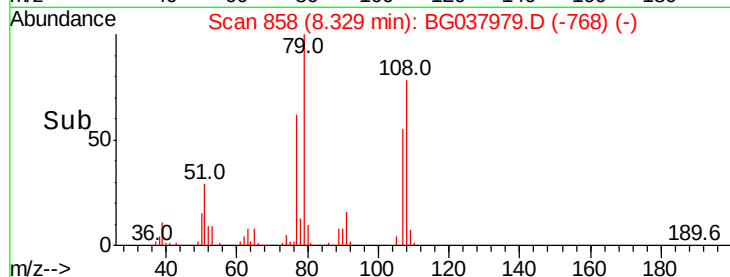
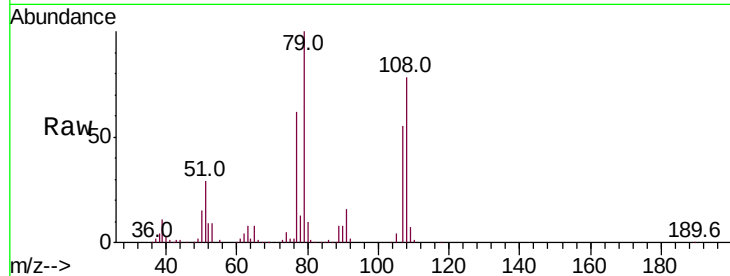
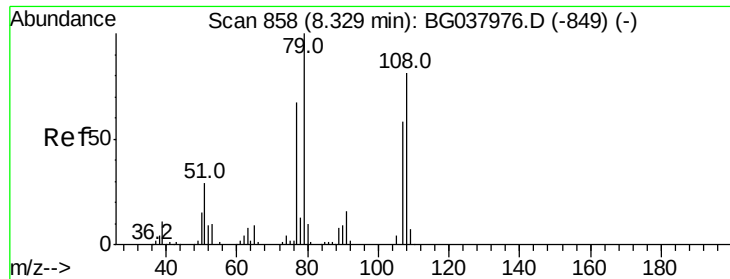
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#14  
 1,2-Dichlorobenzene  
 Concen: 75.442 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.7  | 50.4  | 75.6  |
| 111     | 41.8  | 34.6  | 51.8  |





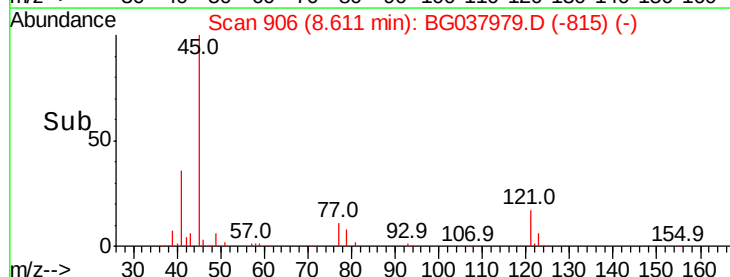
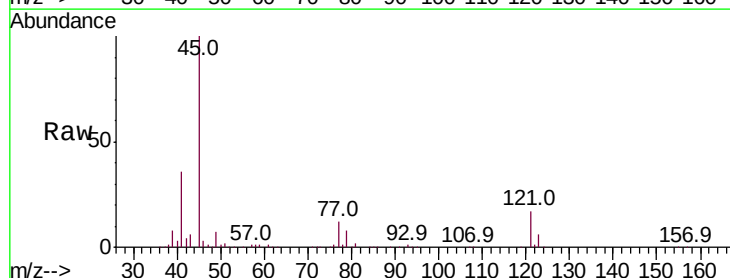
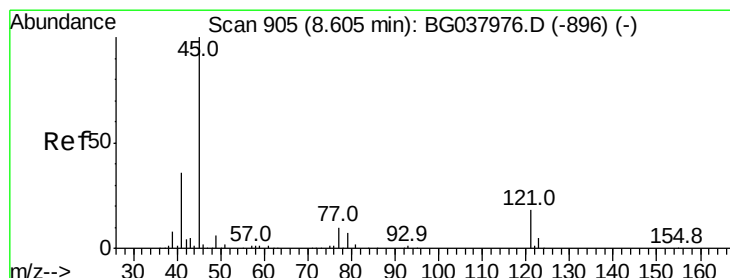
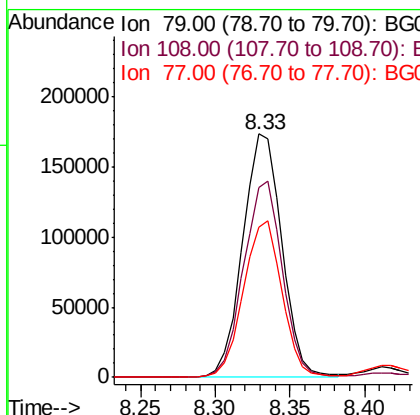
#15  
Benzyl Alcohol  
Concen: 77.294 ng  
RT: 8.33 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 79      | 100   |      |       |       |
| 108     | 78.1  | 65.8 | 98.8  |       |
| 77      | 61.9  | 52.9 | 79.3  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

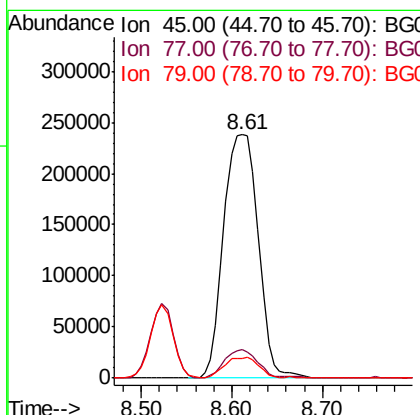
Manual Integrations  
APPROVED

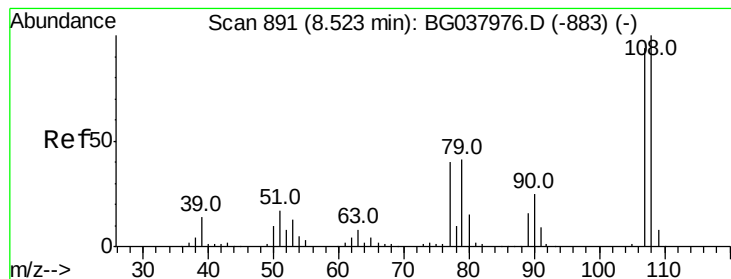
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 79.848 ng  
RT: 8.61 min Scan# 906  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 45      | 100   |      |       |       |
| 77      | 11.6  | 0.0  | 30.0  |       |
| 79      | 8.3   | 0.0  | 29.0  |       |





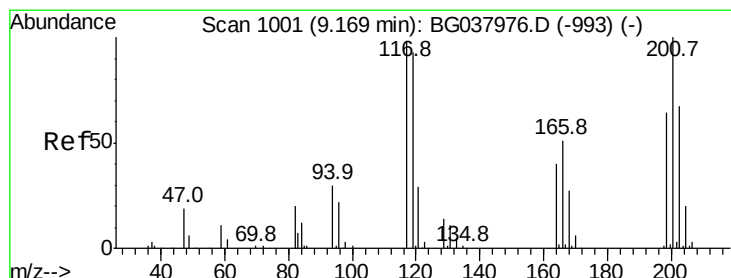
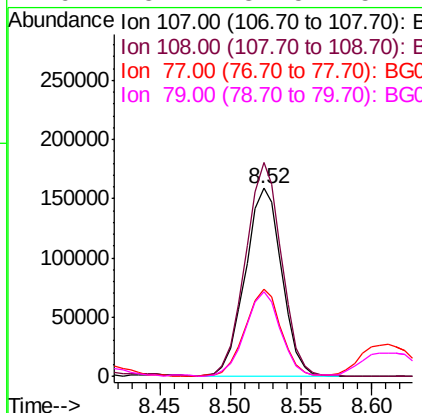
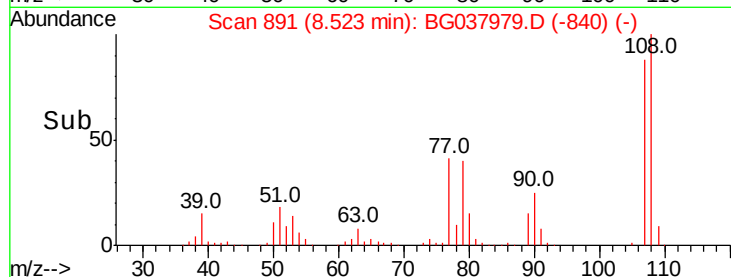
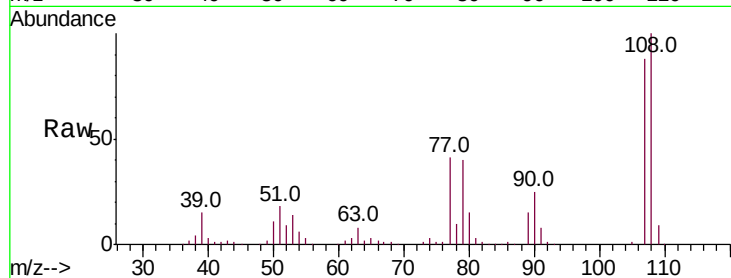
#17  
2-Methylphenol  
Concen: 74.805 ng  
RT: 8.52 min Scan# 891  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.8 | 87.9  | 131.9 |
| 77      | 46.3  | 35.1  | 52.7  |
| 79      | 45.2  | 34.5  | 51.7  |

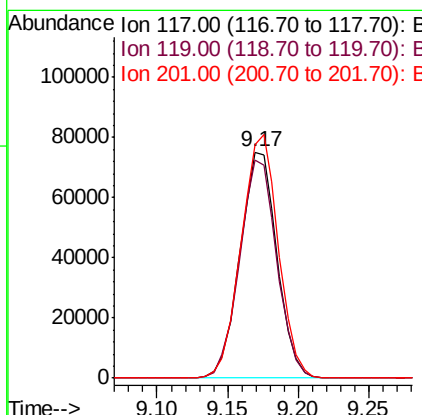
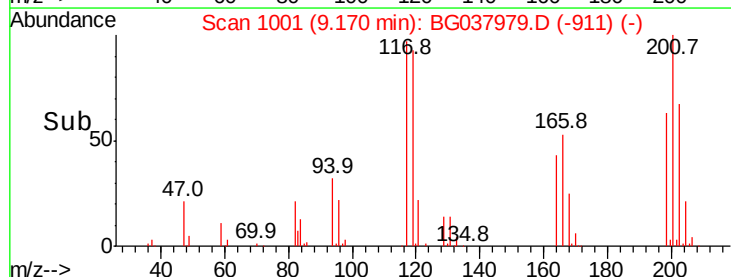
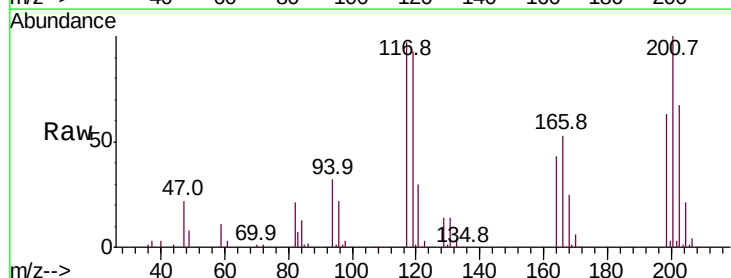
Manual Integrations  
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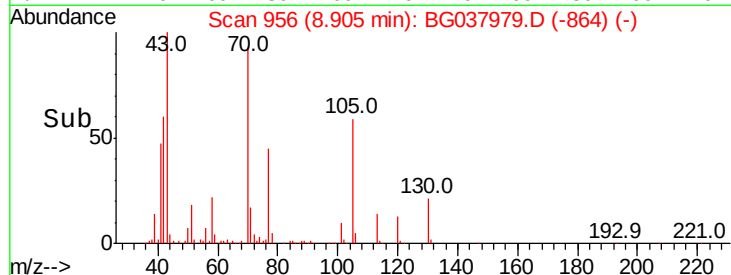
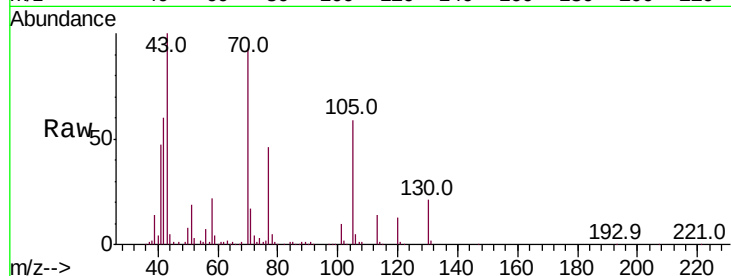
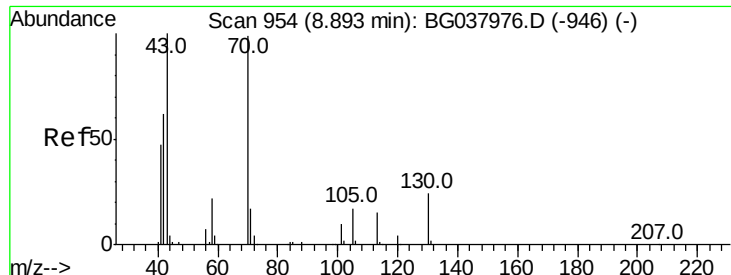
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#18  
Hexachloroethane  
Concen: 83.275 ng  
RT: 9.17 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 74.6  | 111.8 |
| 201     | 106.5 | 80.8  | 121.2 |





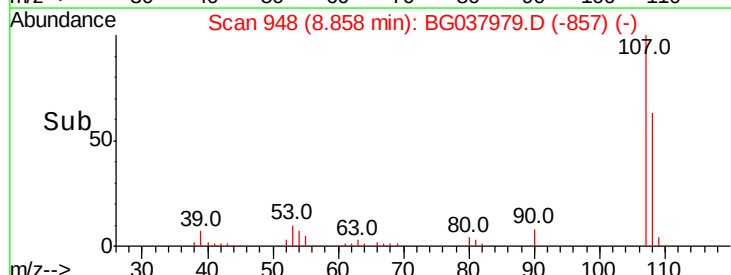
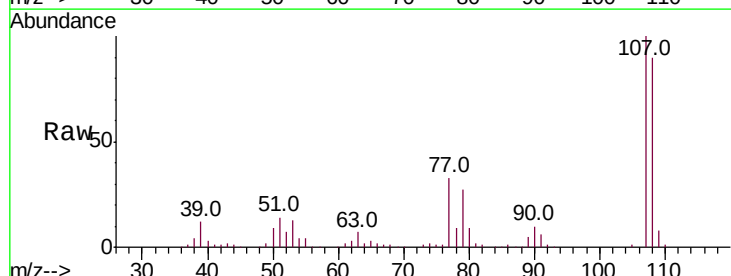
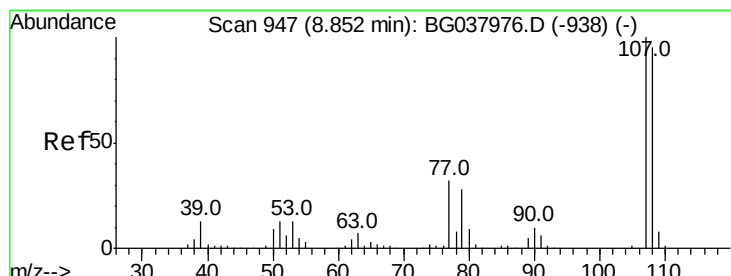
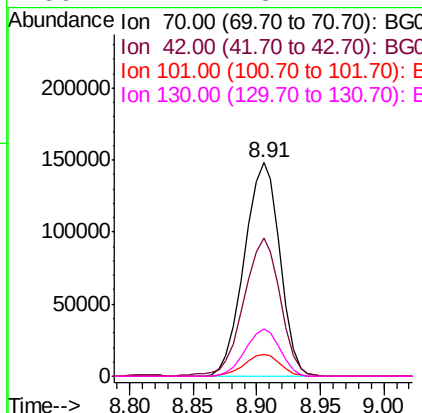
#19  
n-Nitroso-di-n-propylamine  
Concen: 76.313 ng  
RT: 8.91 min Scan# 956  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 65.0 | 53.9  | 80.9  |       |
| 101     | 10.3 | 8.2   | 12.2  |       |
| 130     | 22.2 | 18.2  | 27.4  |       |

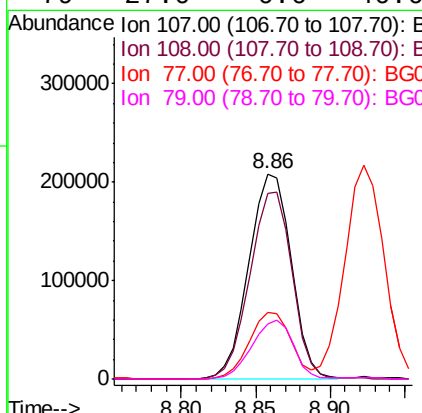
Manual Integrations  
APPROVED

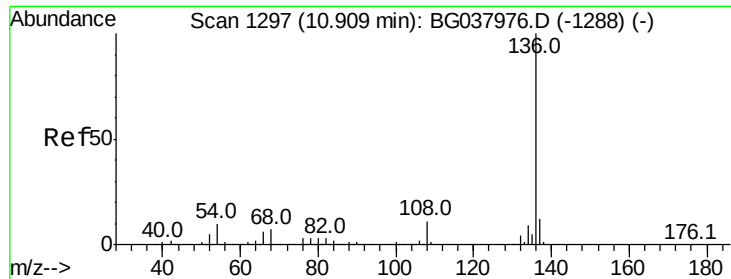
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11/14/2018 2:24:10 PM



#20  
3+4-Methylphenols  
Concen: 74.672 ng  
RT: 8.86 min Scan# 948  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 90.3 | 69.9  | 109.9 |       |
| 77      | 32.6 | 11.2  | 51.2  |       |
| 79      | 27.0 | 6.6   | 46.6  |       |





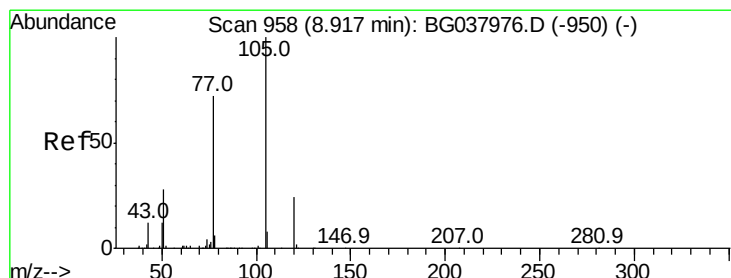
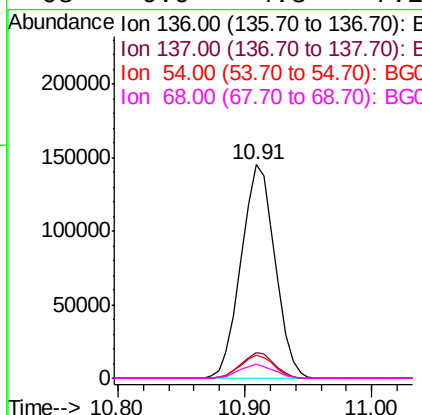
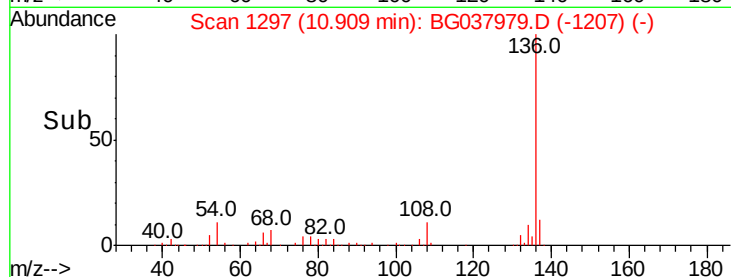
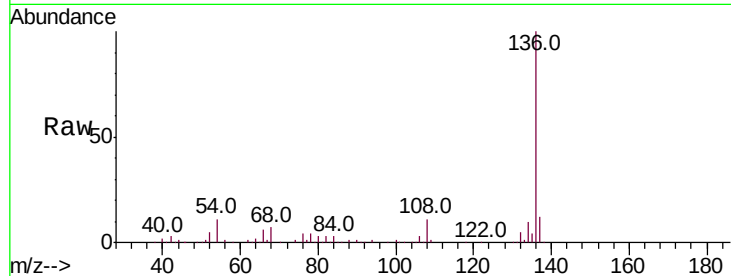
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.91 min Scan# 1297  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 269585 |       |       |
| 137     | 11.8  |        | 9.6   | 14.4  |
| 54      | 10.5  |        | 7.9   | 11.9  |
| 68      | 6.9   |        | 4.8   | 7.2   |

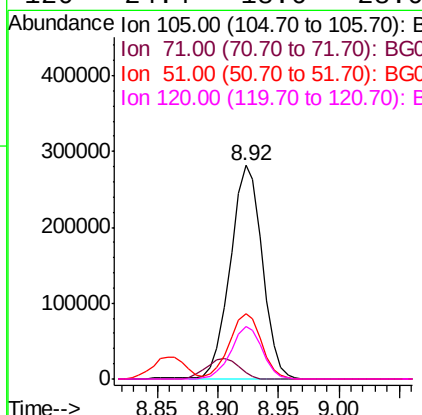
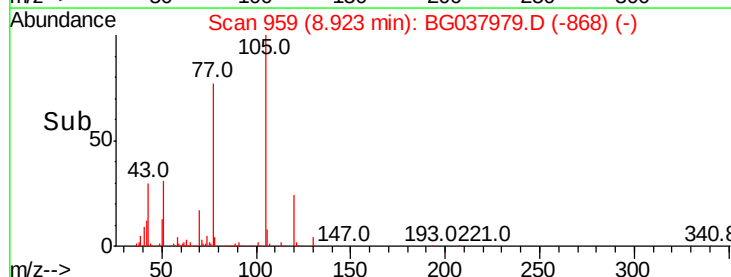
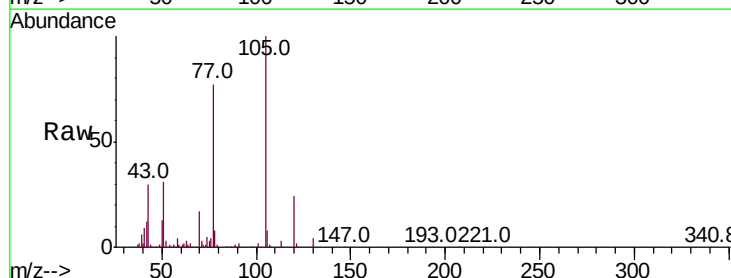
Manual Integrations  
APPROVED

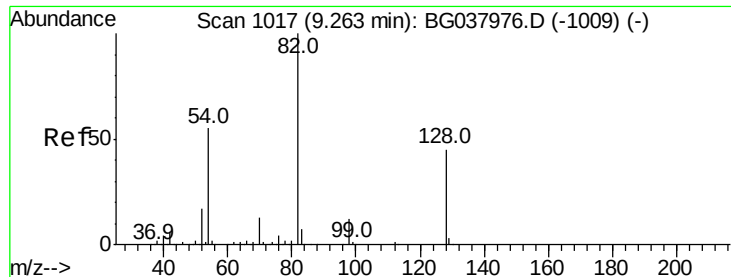
Sohil  
11/14/2018 2:24:10 PM



#22  
Acetophenone  
Concen: 76.398 ng  
RT: 8.92 min Scan# 959  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 516530 |       |       |
| 71      | 2.8   |        | 1.2   | 1.8#  |
| 51      | 30.8  |        | 25.0  | 37.6  |
| 120     | 24.4  |        | 18.6  | 28.0  |





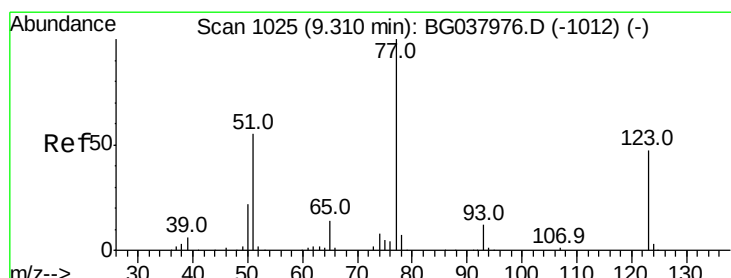
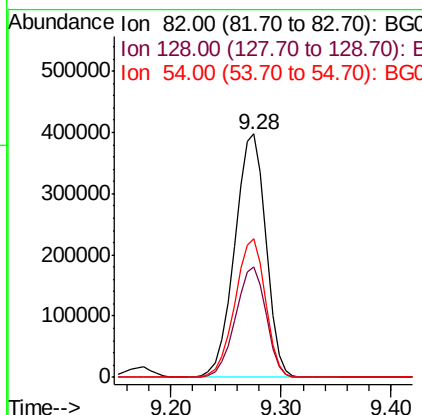
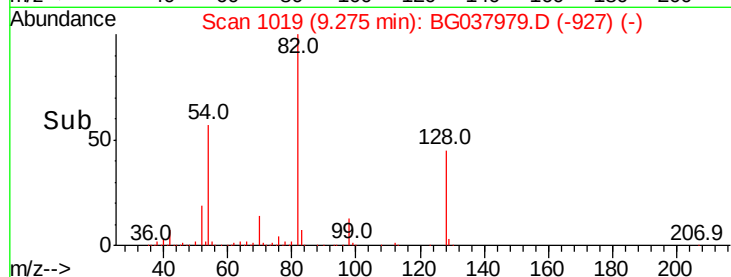
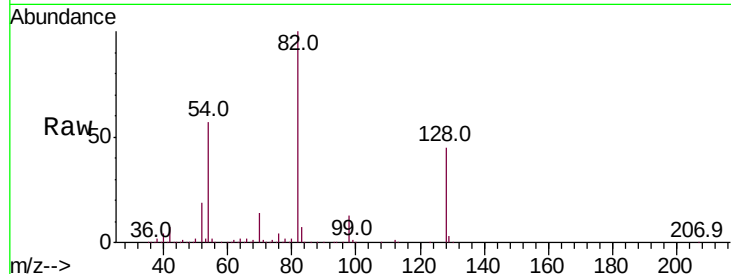
#23  
 Nitrobenzene-d5  
 Concen: 163.625 ng  
 RT: 9.28 min Scan# 1019  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.3  | 34.6  | 51.8  |
| 54      | 57.2  | 45.3  | 67.9  |

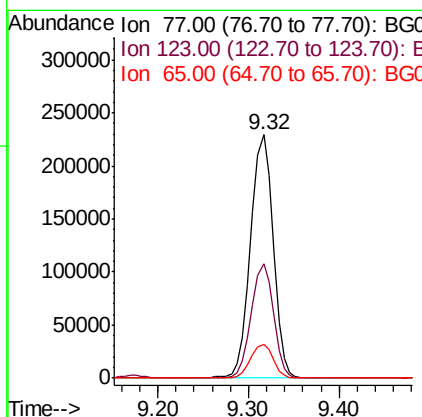
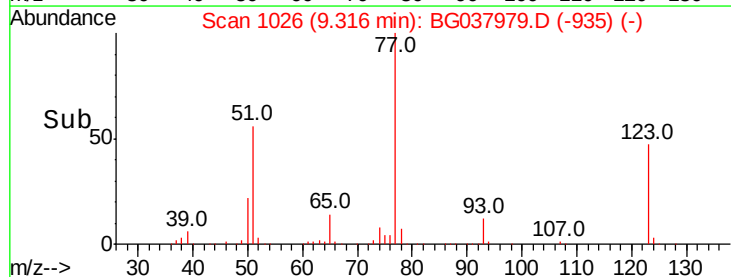
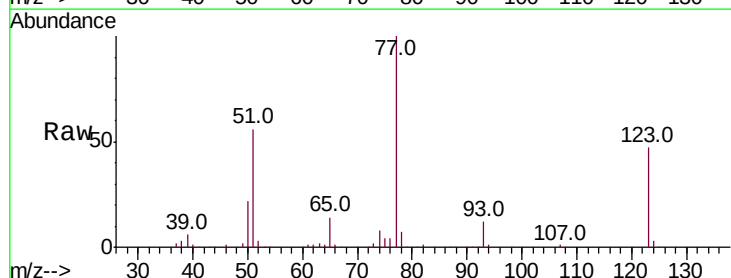
Manual Integrations  
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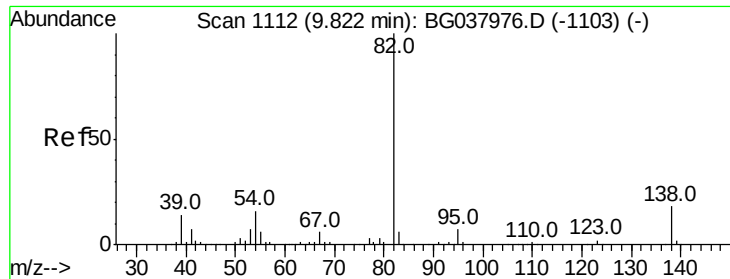


#24  
 Nitrobenzene  
 Concen: 80.049 ng  
 RT: 9.32 min Scan# 1026  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.8  | 33.6  | 50.4  |
| 65      | 13.8  | 11.3  | 16.9  |







#25

Isophorone

Concen: 80.828 ng

RT: 9.83 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

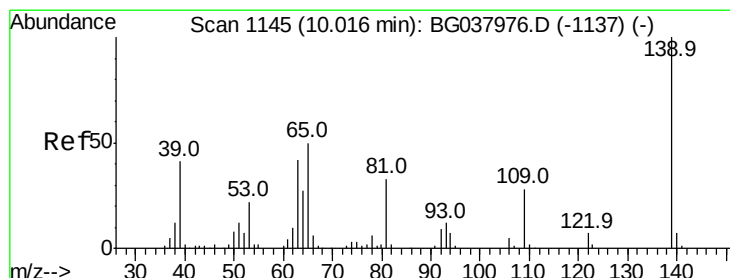
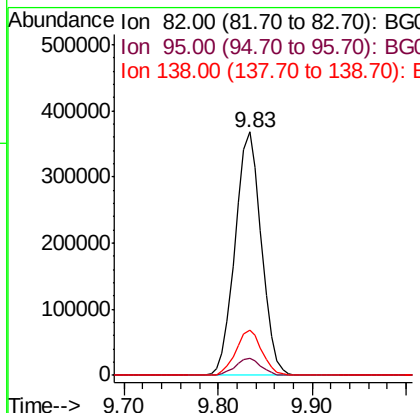
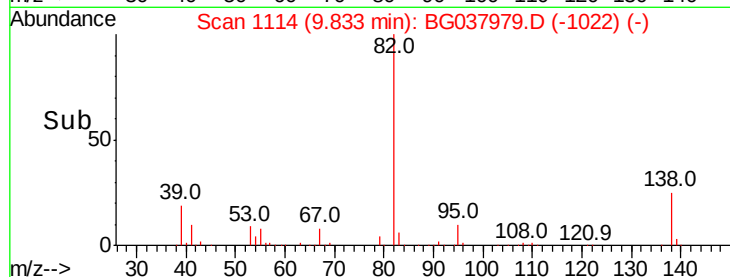
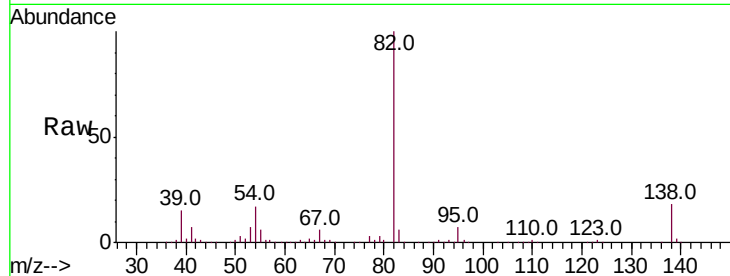
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 710724 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.1   | 5.3   | 7.9    |
| 138       | 18.4  | 13.3  | 19.9   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 93.593 ng

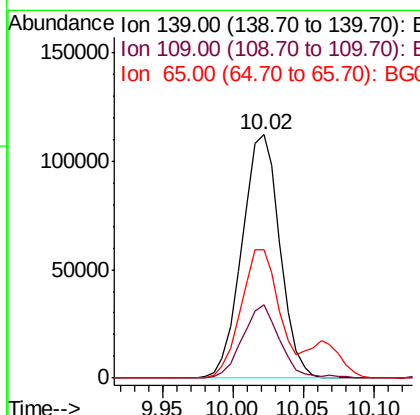
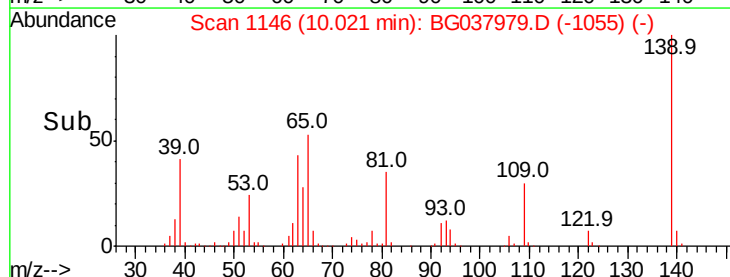
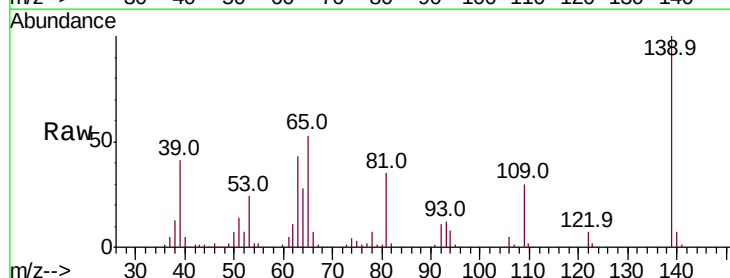
RT: 10.02 min Scan# 1146

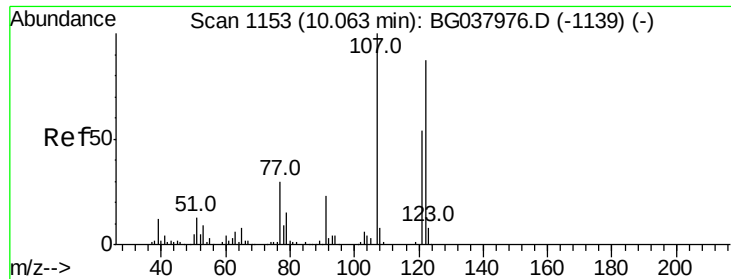
Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 210788 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 30.0  | 23.3  | 34.9   |
| 65        | 52.6  | 39.8  | 59.8   |





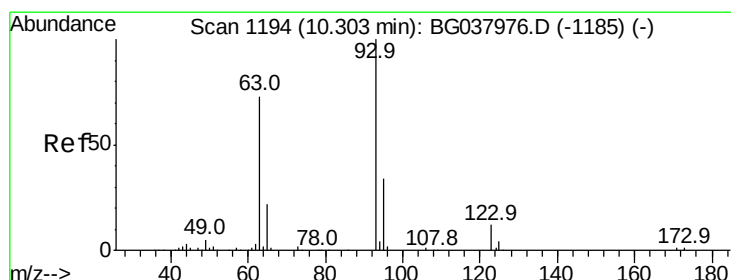
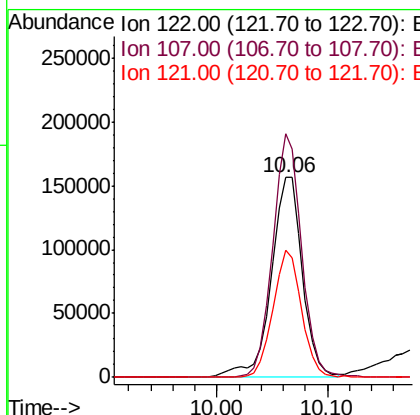
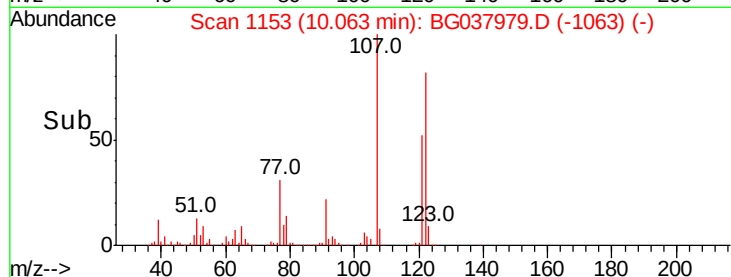
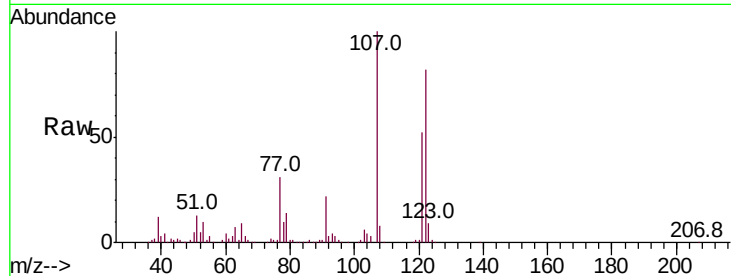
#27  
 2,4-Dimethylphenol  
 Concen: 76.418 ng  
 RT: 10.06 min Scan# 1153  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 121.8 | 94.2  | 141.2 |
| 121     | 63.8  | 47.3  | 70.9  |

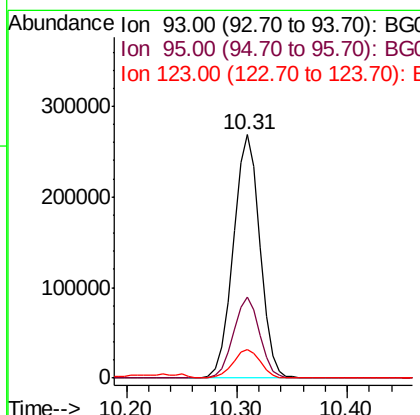
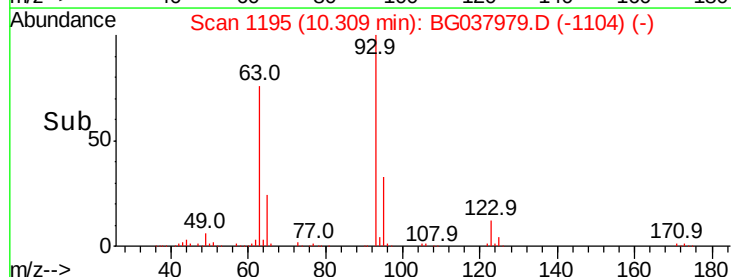
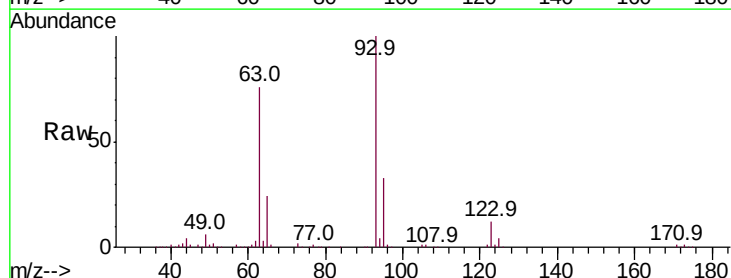
Manual Integrations  
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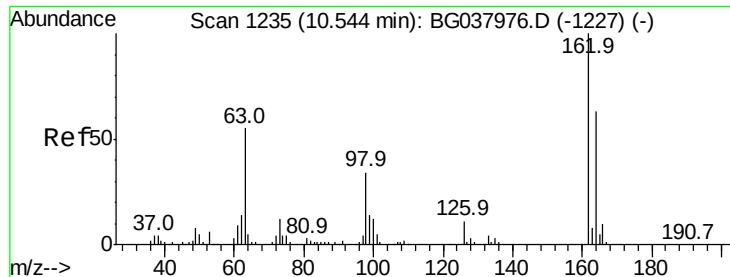
Sohil  
 11/14/2018 2:24:10 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 78.517 ng  
 RT: 10.31 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.3  | 24.6  | 37.0  |
| 123     | 12.0  | 9.1   | 13.7  |





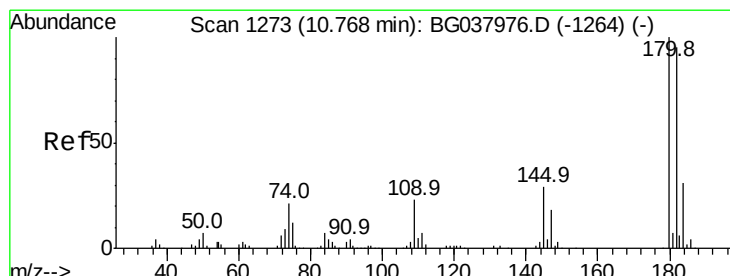
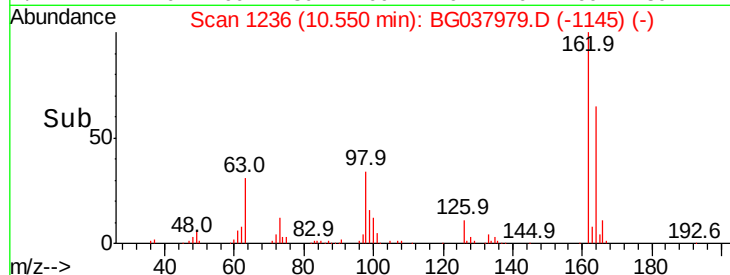
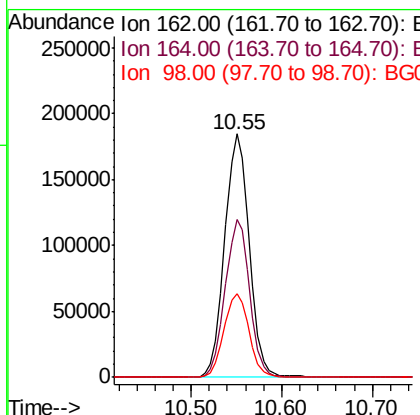
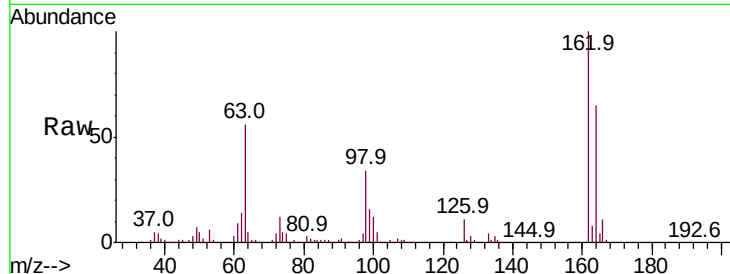
#29  
 2,4-Dichlorophenol  
 Concen: 77.710 ng  
 RT: 10.55 min Scan# 1236  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 64.6  | 43.2       | 83.2  |
| 98      | 34.2  | 16.0       | 56.0  |

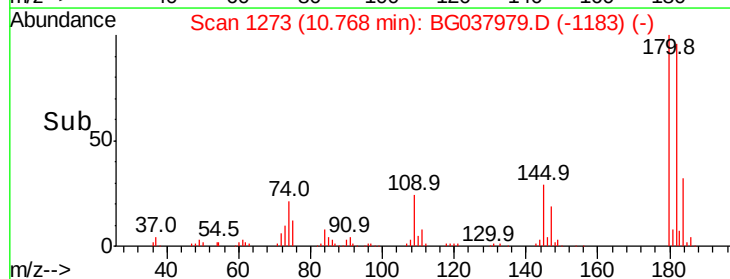
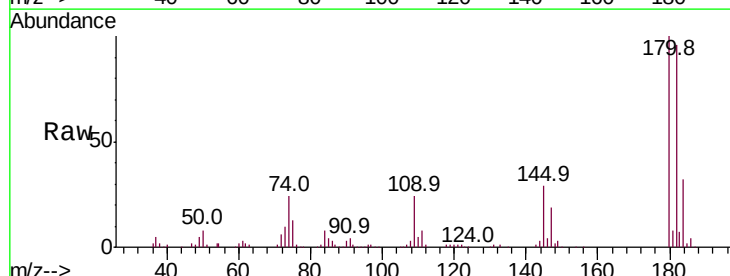
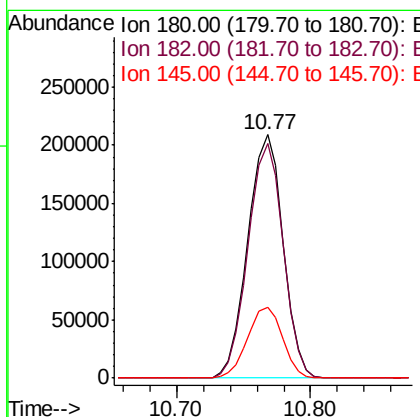
Manual Integrations  
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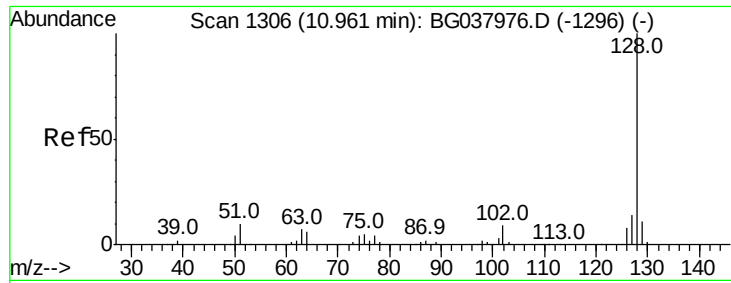
Sohil  
 11/14/2018 2:24:10 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 78.254 ng  
 RT: 10.77 min Scan# 1273  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 96.2  | 77.7       | 116.5 |
| 145     | 29.2  | 23.3       | 34.9  |





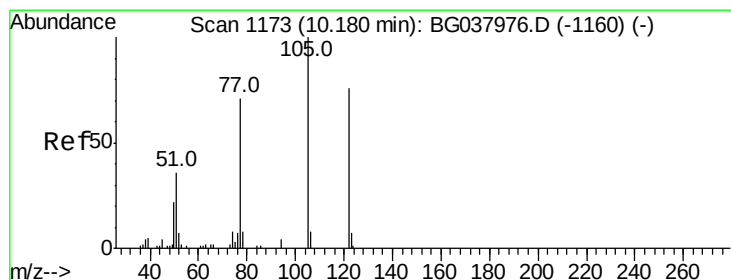
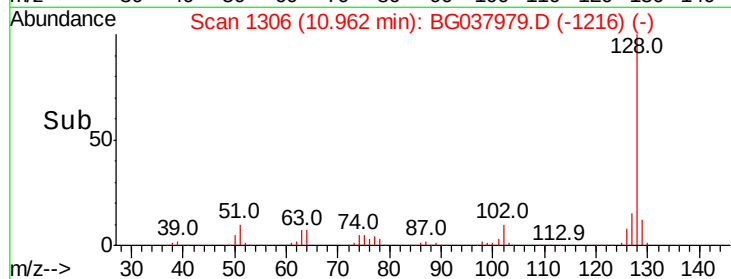
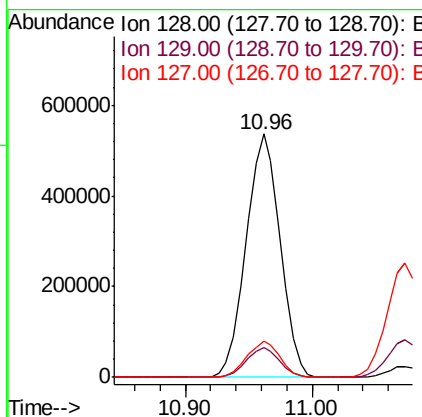
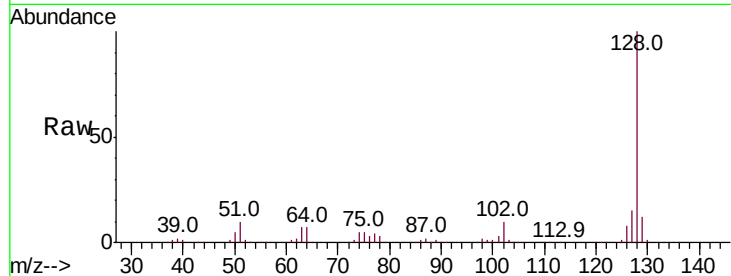
#31  
Naphthalene  
Concen: 75.460 ng  
RT: 10.96 min Scan# 1306  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.1  | 9.0   | 13.6  |
| 127     | 15.0  | 11.1  | 16.7  |

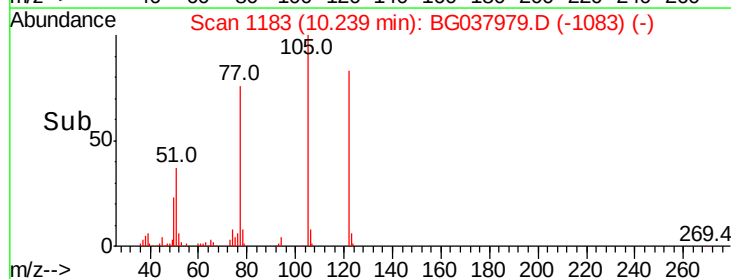
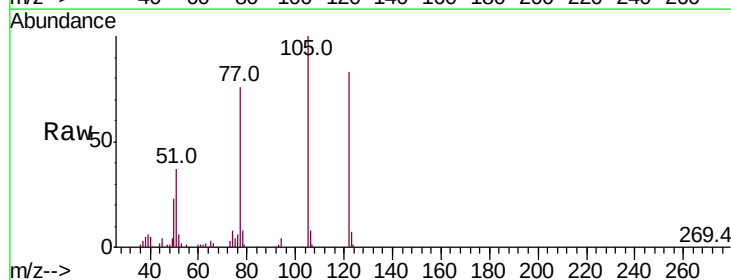
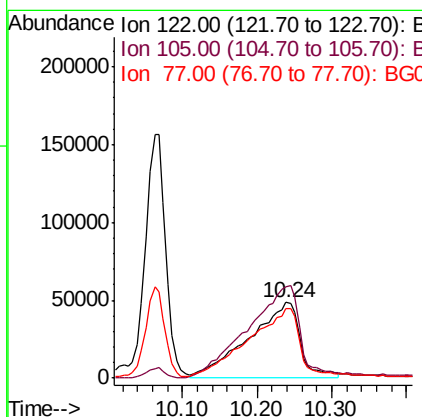
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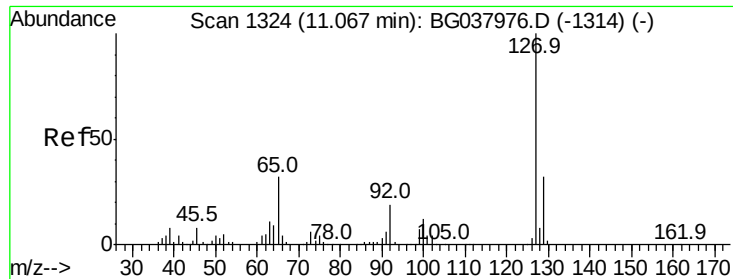
Sohil  
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#32  
Benzoic acid  
Concen: 89.633 ng m  
RT: 10.24 min Scan# 1183  
Delta R.T. 0.06 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 121.2 | 106.7 | 146.7 |
| 77      | 92.0  | 72.2  | 112.2 |





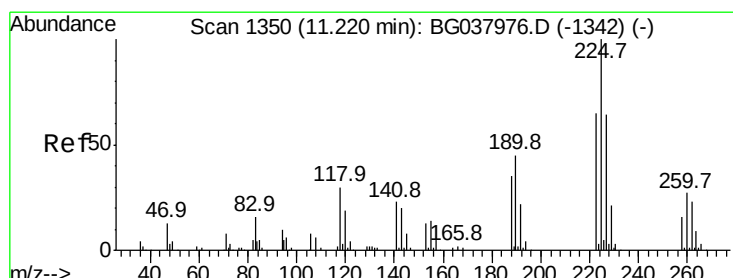
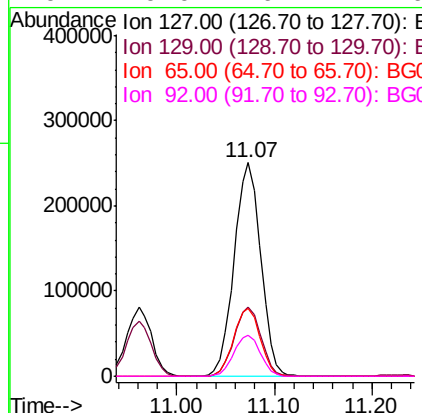
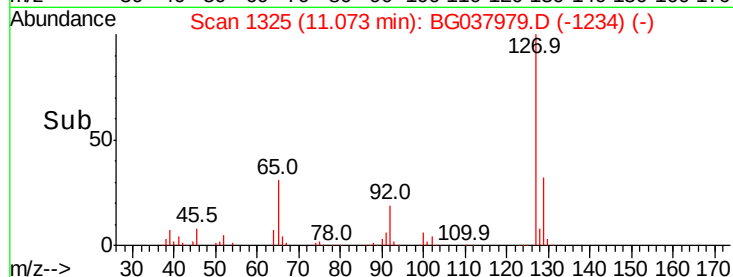
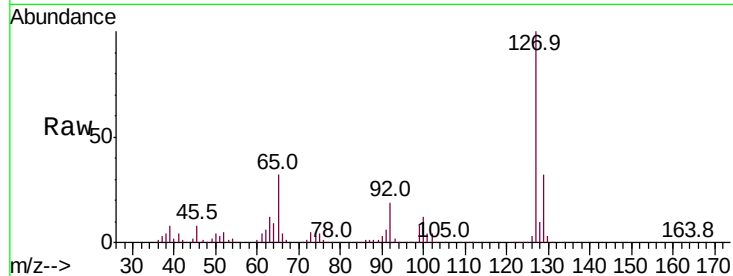
#33  
4-Chloroaniline  
Concen: 76.099 ng  
RT: 11.07 min Scan# 1325  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.5  | 27.1 | 40.7  |       |
| 65      | 31.6  | 26.6 | 39.8  |       |
| 92      | 19.0  | 16.4 | 24.6  |       |

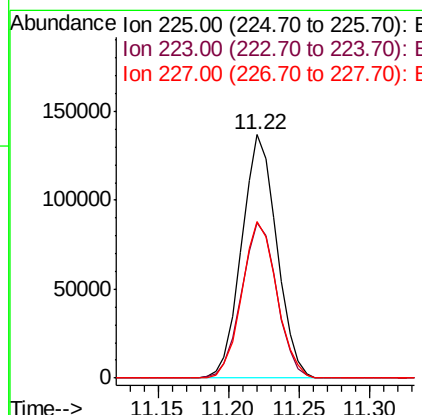
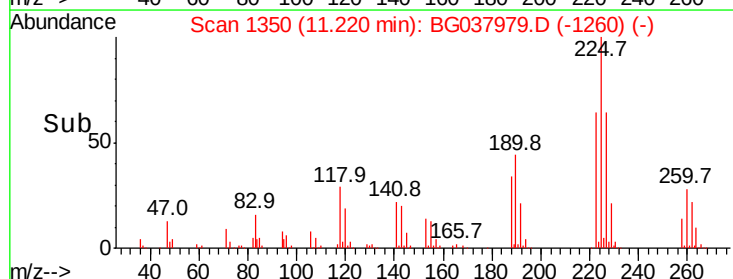
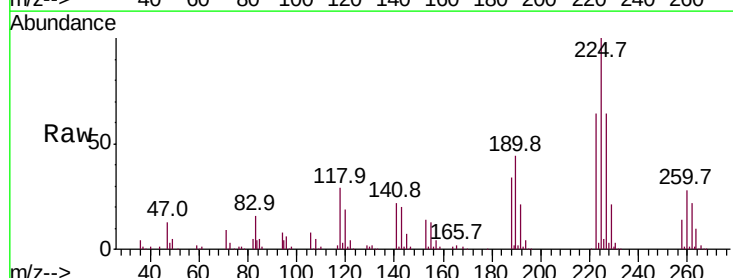
Manual Integrations  
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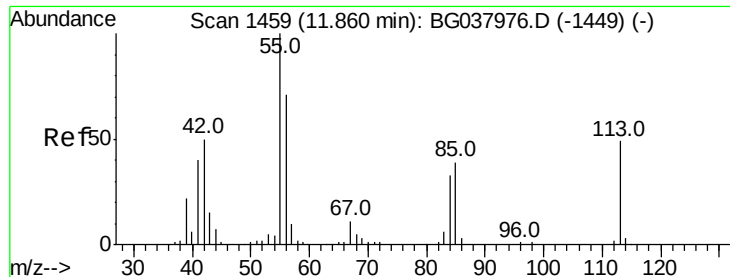
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#34  
Hexachlorobutadiene  
Concen: 82.566 ng  
RT: 11.22 min Scan# 1350  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.7  | 48.2 | 72.4  |       |
| 227     | 64.1  | 51.6 | 77.4  |       |





#35

Caprolactam

Concen: 79.411 ng

RT: 11.90 min Scan# 1465

Delta R.T. 0.04 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

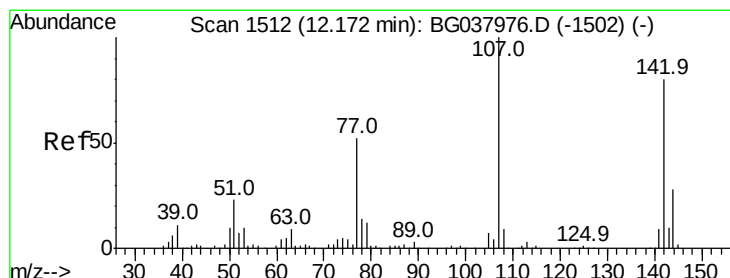
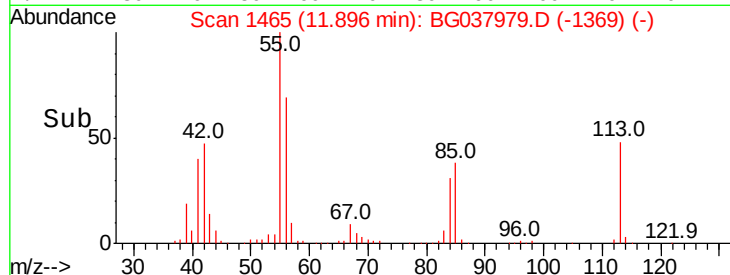
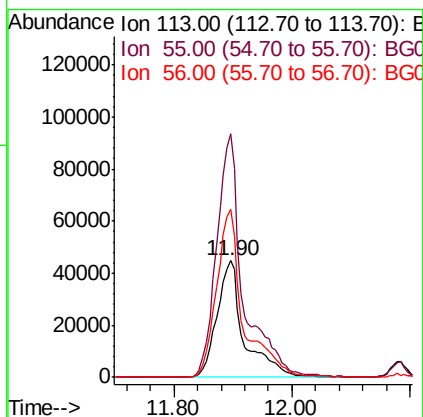
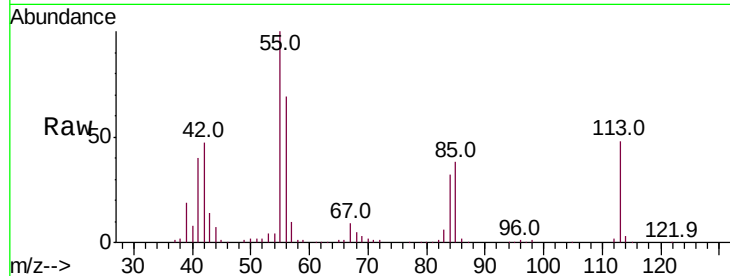
ClientSampleId :

SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 142595 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 209.0 | 176.6 | 216.6  |
| 56        | 144.5 | 128.3 | 168.3  |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 73.839 ng

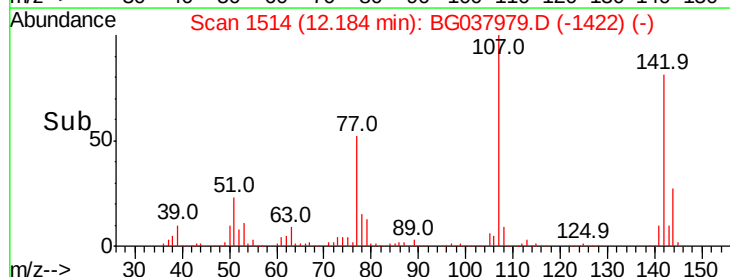
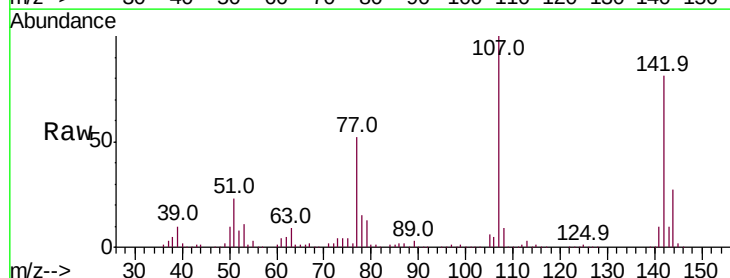
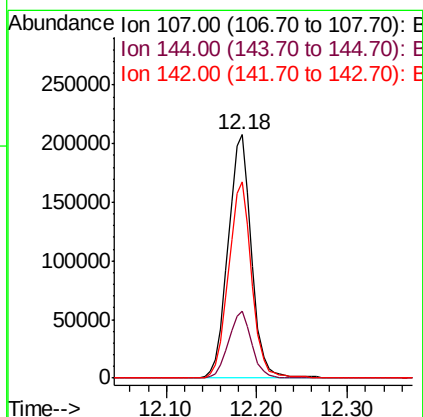
RT: 12.18 min Scan# 1514

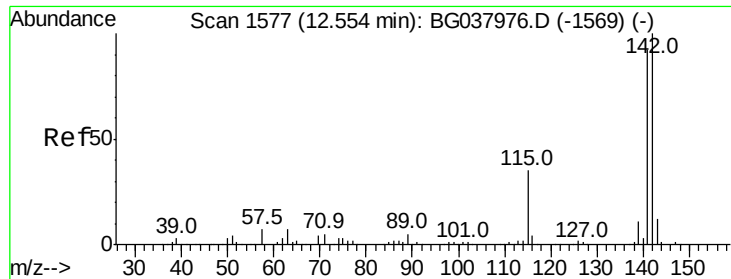
Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 372835 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 27.4  | 20.7  | 31.1   |
| 142       | 80.8  | 64.4  | 96.6   |





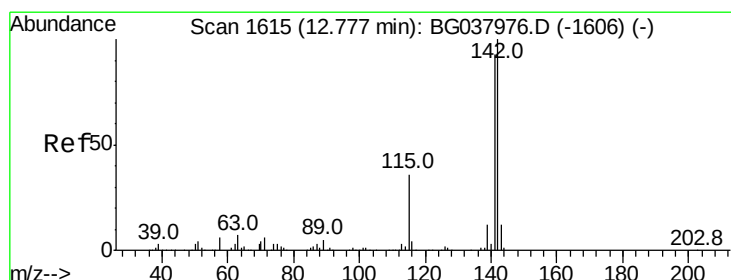
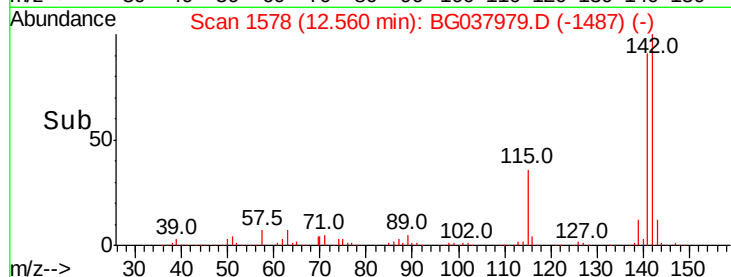
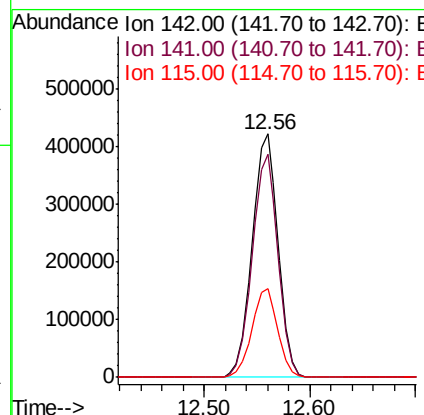
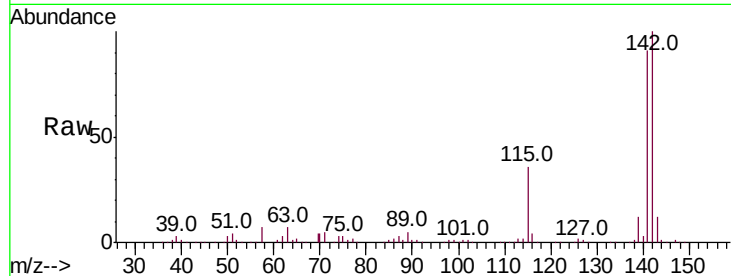
#37  
2-Methylnaphthalene  
Concen: 74.544 ng  
RT: 12.56 min Scan# 1578  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.4  | 71.9  | 107.9 |
| 115     | 36.4  | 27.8  | 41.8  |

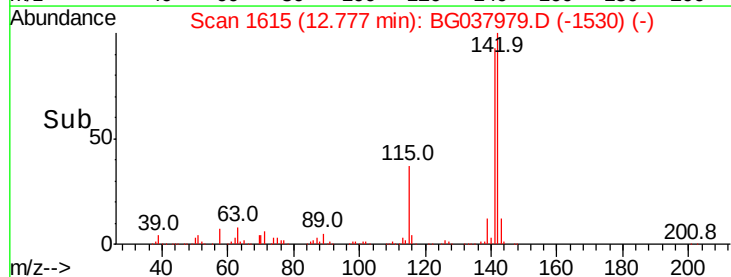
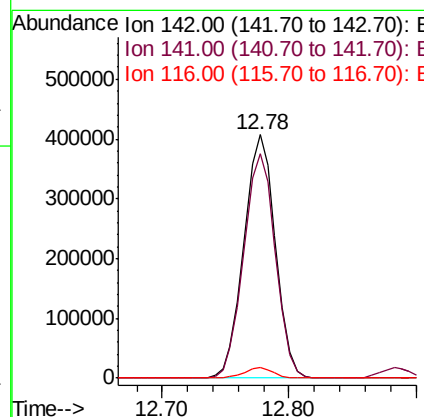
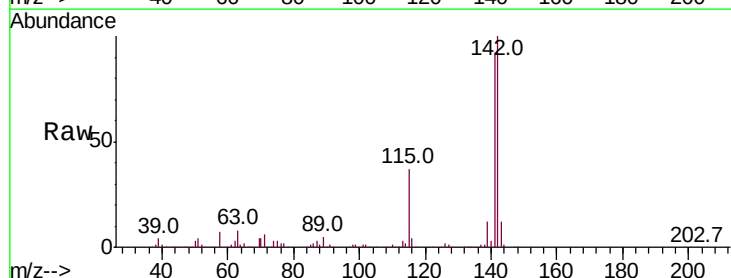
Manual Integrations  
APPROVED

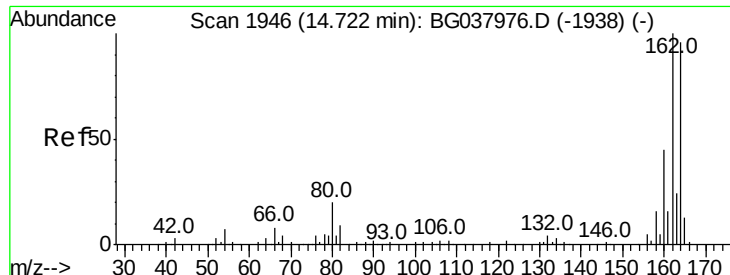
Sohil  
11/14/2018 2:24:10 PM



#38  
1-Methylnaphthalene  
Concen: 74.503 ng  
RT: 12.78 min Scan# 1615  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 75.2  | 112.8 |
| 116     | 4.2   | 3.3   | 4.9   |





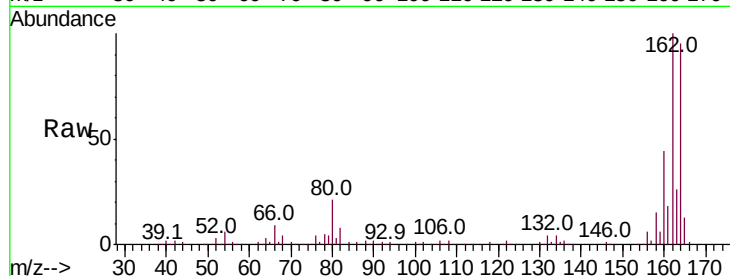
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.73 min Scan# 1947  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.2 | 81.3  | 121.9 |
| 160     | 46.0  | 36.3  | 54.5  |

Manual Integrations  
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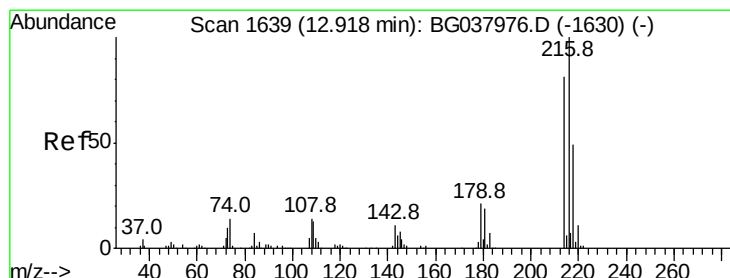
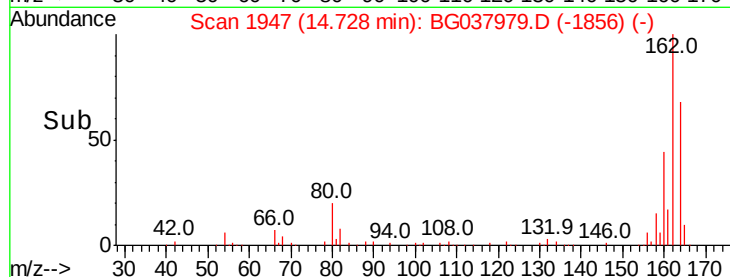
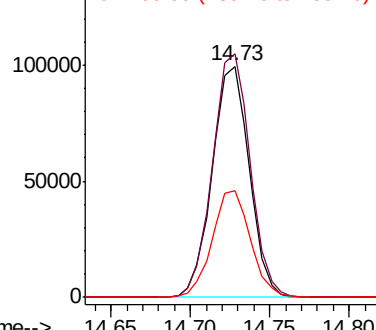


Abundance

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: 82.687 ng  
RT: 12.92 min Scan# 1639  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.8  | 95.6  |
| 179     | 21.2  | 17.4  | 26.0  |
| 108     | 17.6  | 13.9  | 20.9  |

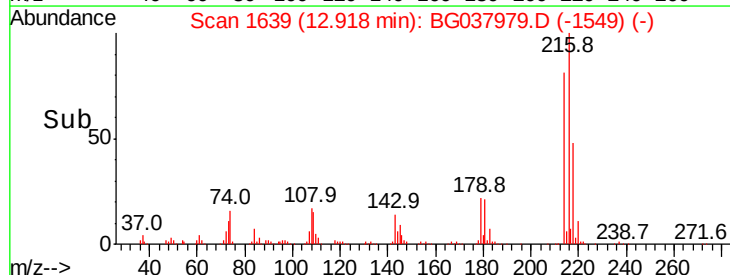
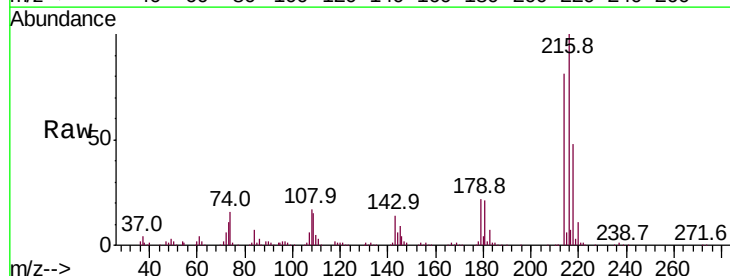
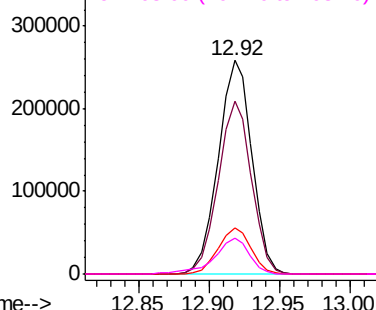
Abundance

Ion 216.00 (215.70 to 216.70): E

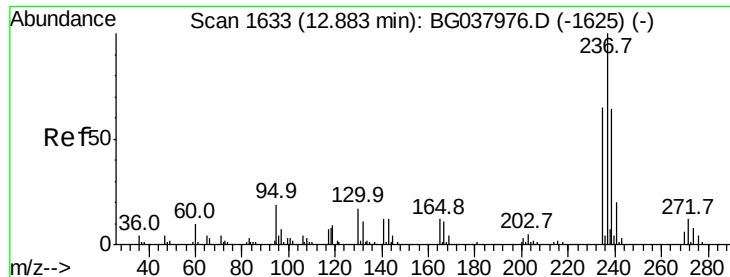
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 99.159 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

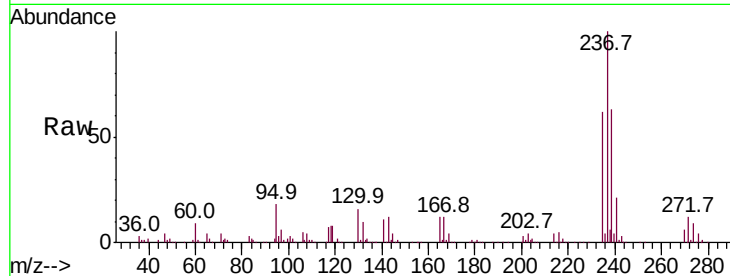
ClientSampleId :

SSTDICC080

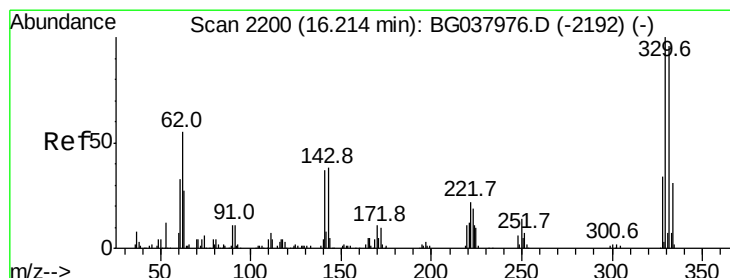
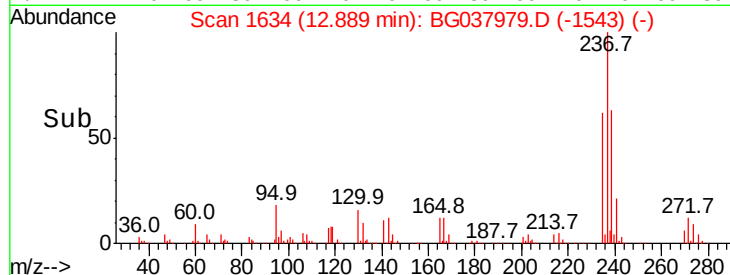
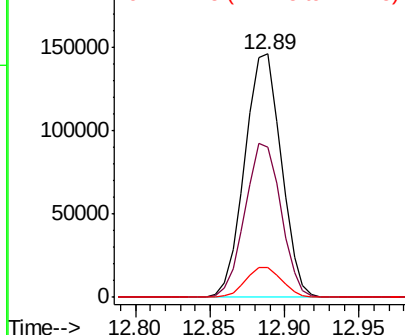
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 61.9  | 42.5       | 82.5  |
| 272     | 12.1  | 0.0        | 31.6  |

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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: 167.955 ng

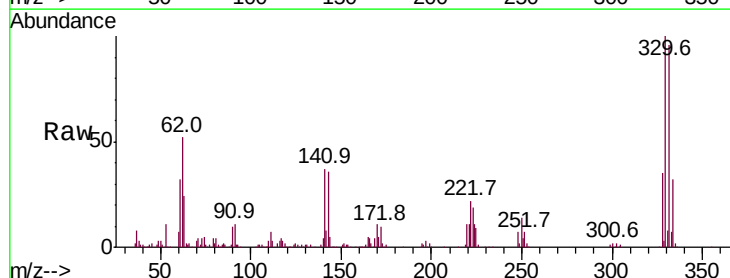
RT: 16.22 min Scan# 2201

Delta R.T. 0.01 min

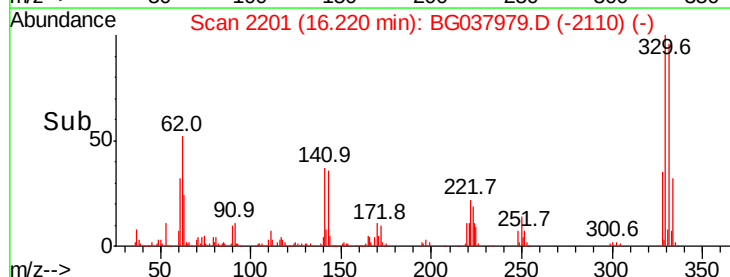
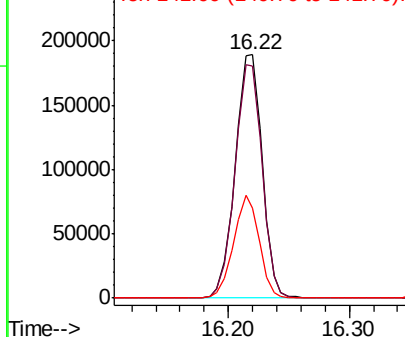
Lab File: BG037979.D

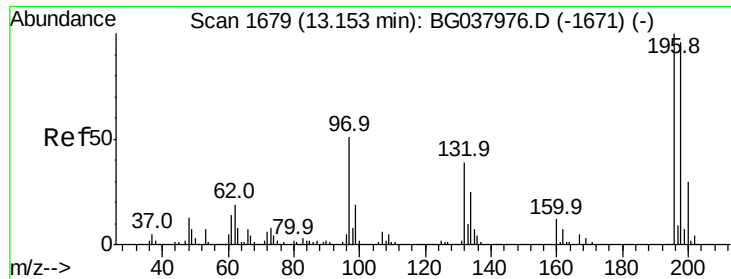
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.2  | 78.4       | 117.6 |
| 141     | 39.7  | 32.2       | 48.2  |



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





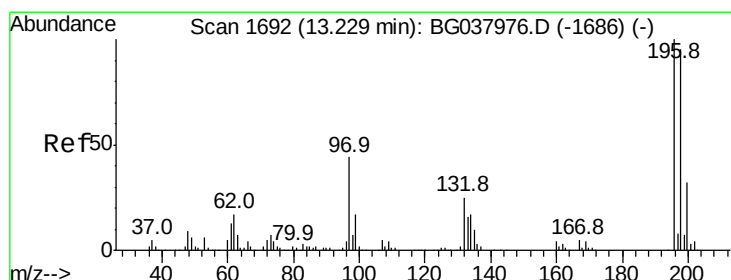
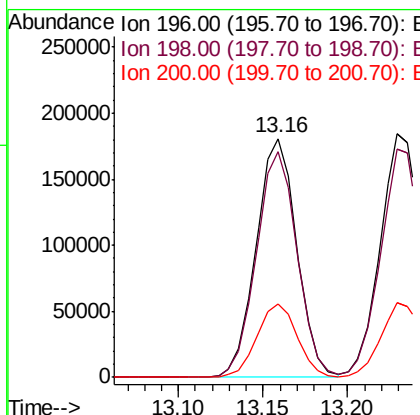
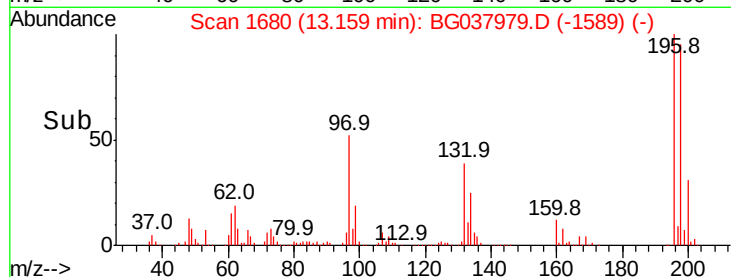
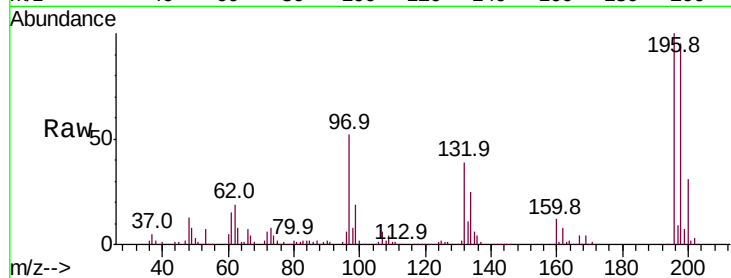
#43  
 2,4,6-Trichlorophenol  
 Concen: 86.073 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 300038 |       |       |
| 198     | 94.7  | 76.4   | 114.6 |       |
| 200     | 30.5  | 24.9   | 37.3  |       |

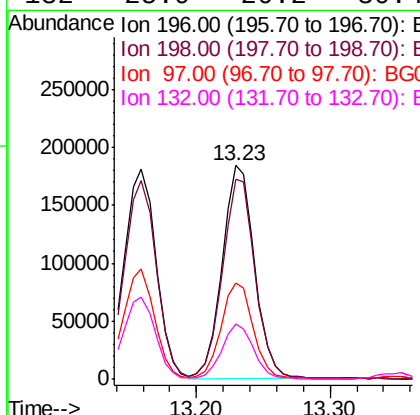
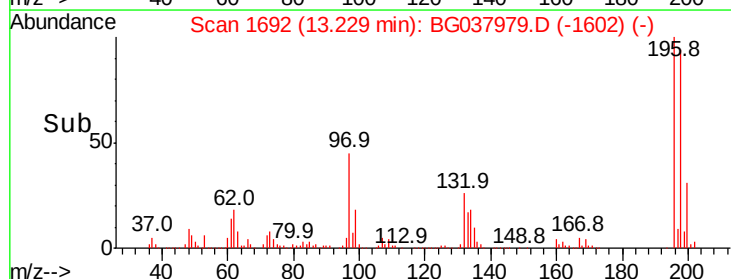
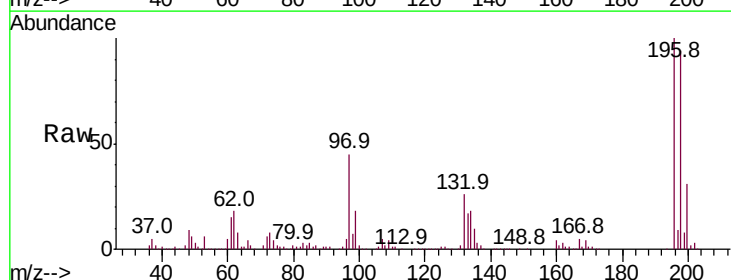
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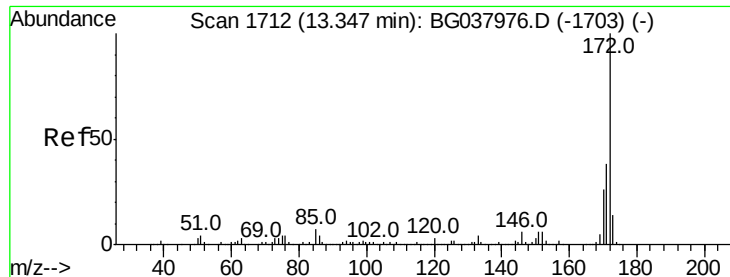
Sohil  
 11/14/2018 2:24:10 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 82.437 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 312872 |       |       |
| 198     | 93.8  | 74.2   | 111.2 |       |
| 97      | 44.7  | 34.1   | 51.1  |       |
| 132     | 25.9  | 20.2   | 30.4  |       |





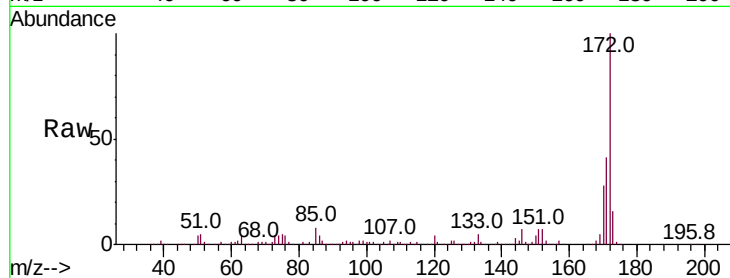
#45  
2-Fluorobiphenyl  
Concen: 152.004 ng  
RT: 13.35 min Scan# 1712  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 41.2  | 31.0  | 46.4  |
| 170     | 28.2  | 20.2  | 30.2  |

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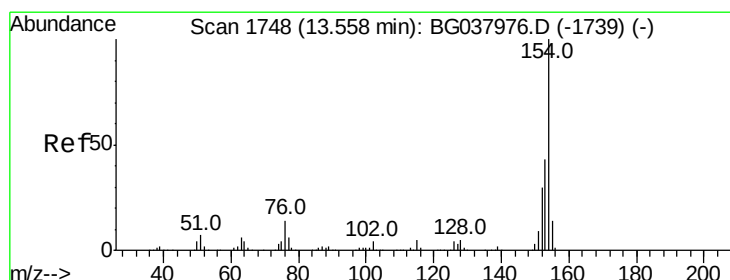
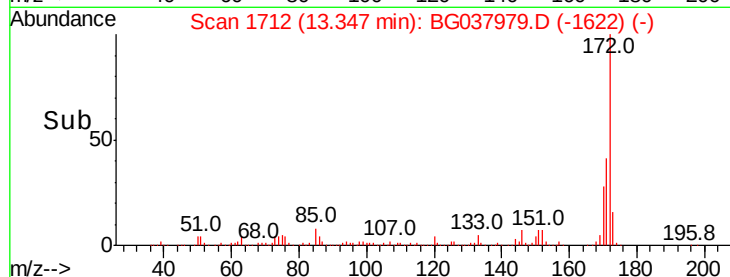
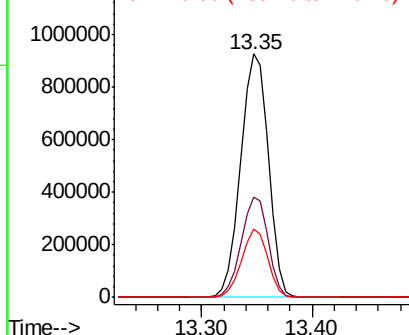


Abundance

Ion 172.00 (171.70 to 172.70): E

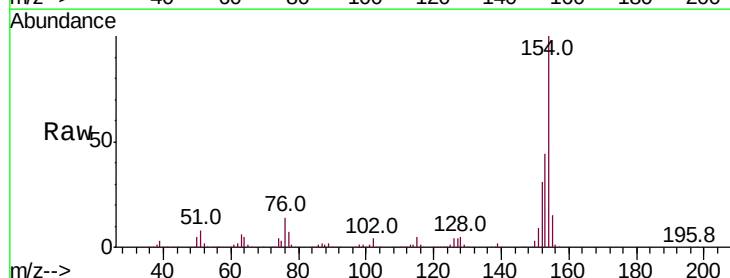
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 77.827 ng  
RT: 13.56 min Scan# 1748  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.3  | 22.1  | 62.1  |
| 76      | 14.4  | 0.0   | 33.2  |

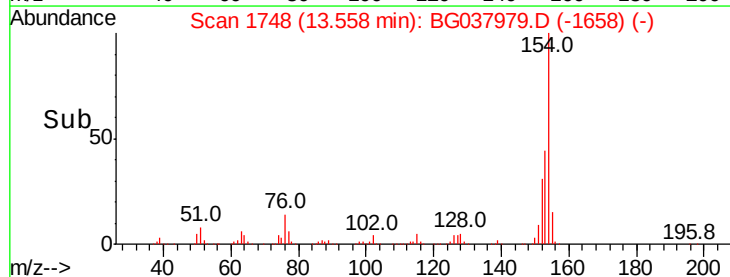
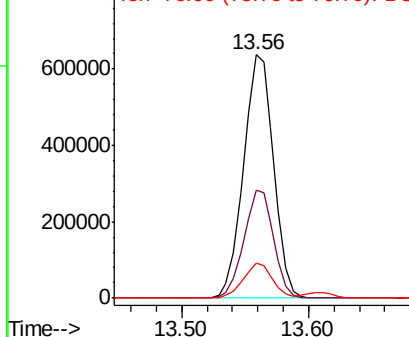


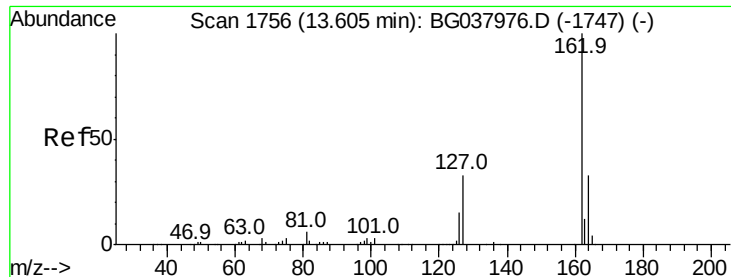
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





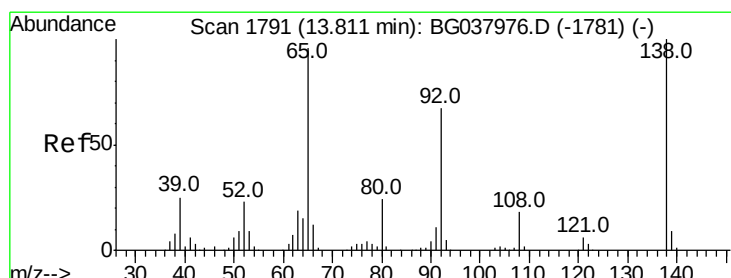
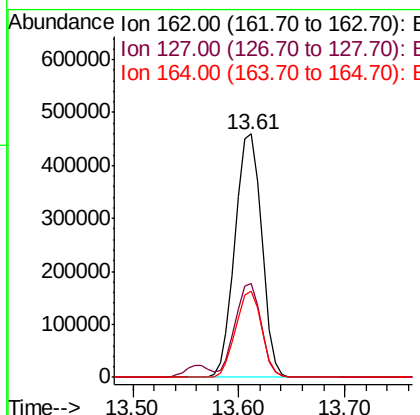
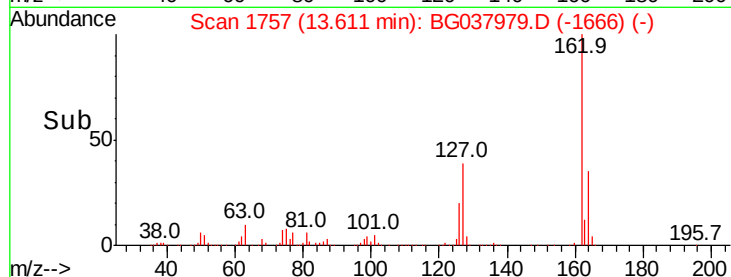
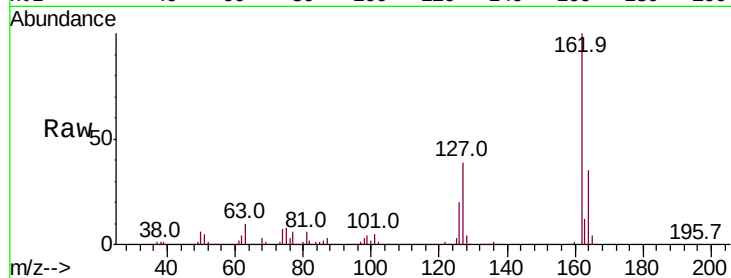
#47  
2-Chloronaphthalene  
Concen: 79.250 ng  
RT: 13.61 min Scan# 1757  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.8  | 30.5  | 45.7  |
| 164     | 35.2  | 26.4  | 39.6  |

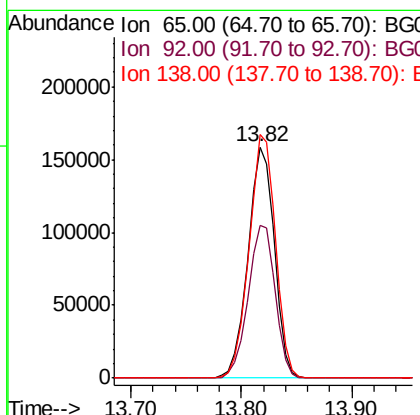
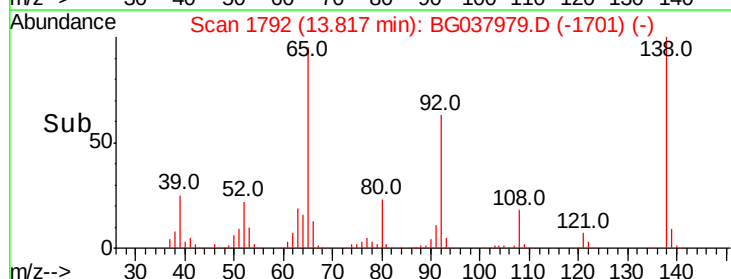
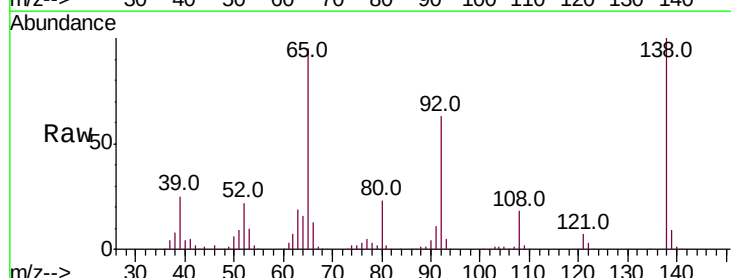
Manual Integrations  
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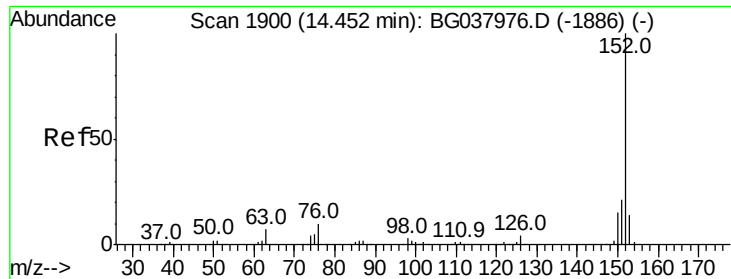
Sohil  
11/14/2018 2:24:10 PM



#48  
2-Nitroaniline  
Concen: 86.835 ng  
RT: 13.82 min Scan# 1792  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.3  | 53.2  | 79.8  |
| 138     | 105.4 | 79.3  | 118.9 |





#49

Acenaphthylene

Concen: 77.316 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 1178765

Ion Ratio Lower Upper

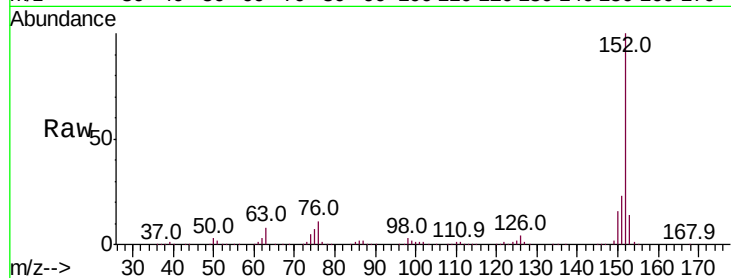
152 100

151 23.0 17.1 25.7

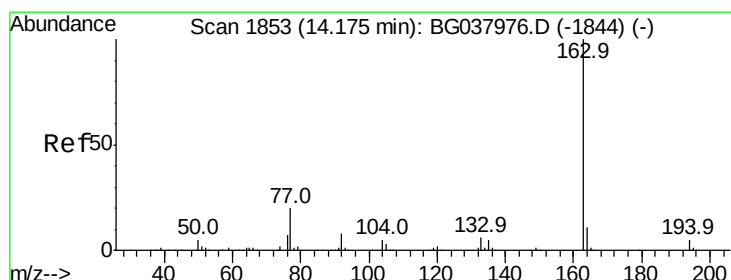
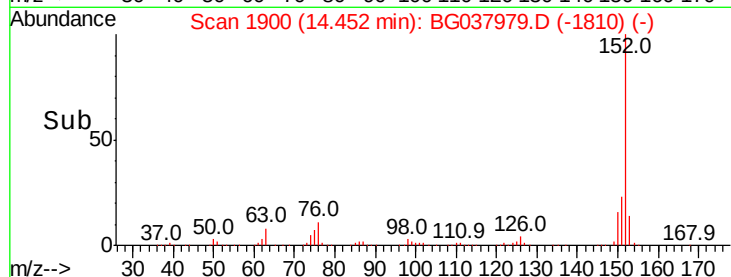
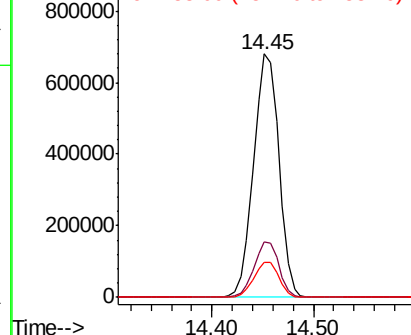
153 14.5 11.1 16.7

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



#50

Dimethylphthalate

Concen: 77.469 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

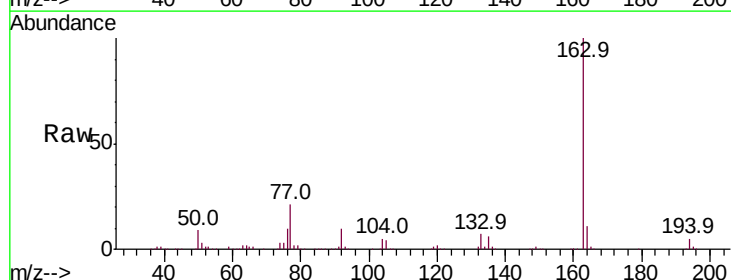
Tgt Ion:163 Resp: 969465

Ion Ratio Lower Upper

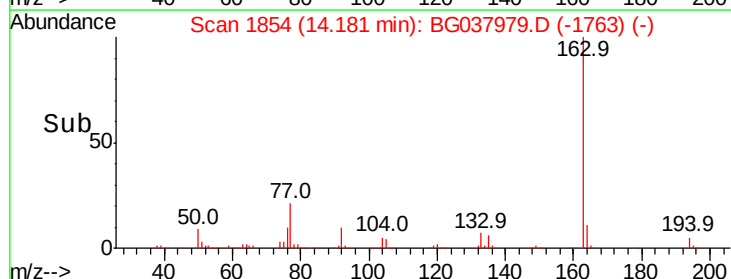
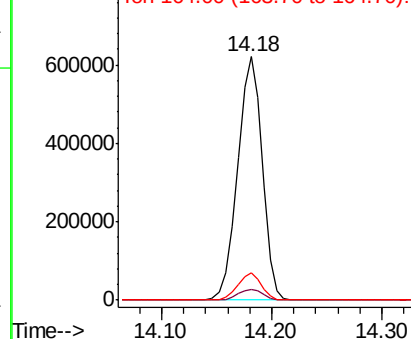
163 100

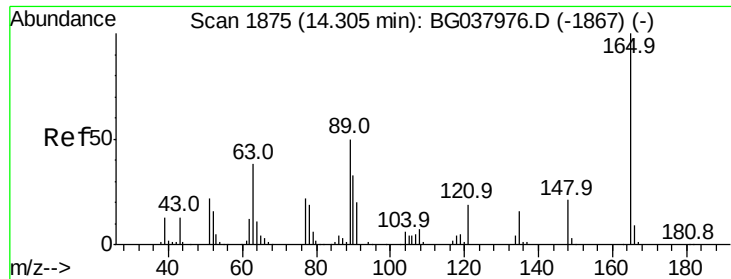
194 4.5 3.5 5.3

164 11.3 8.5 12.7



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





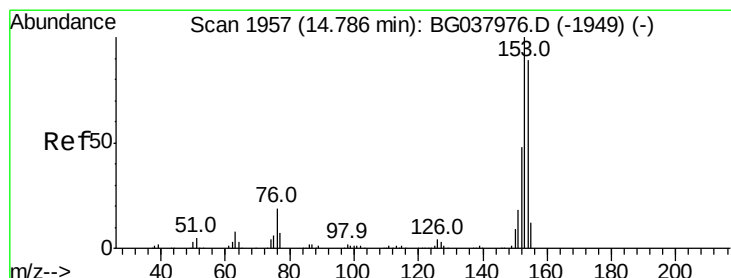
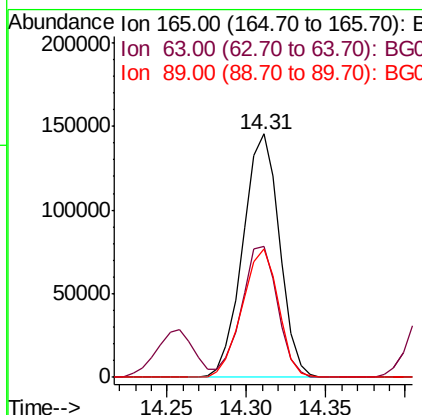
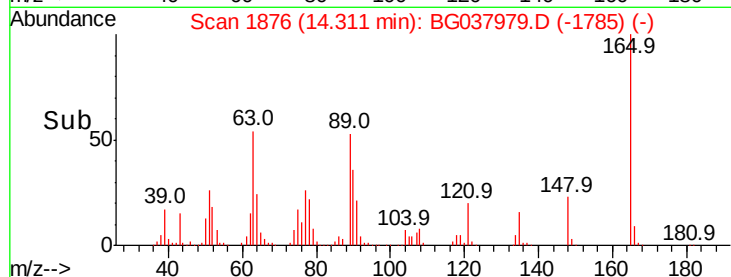
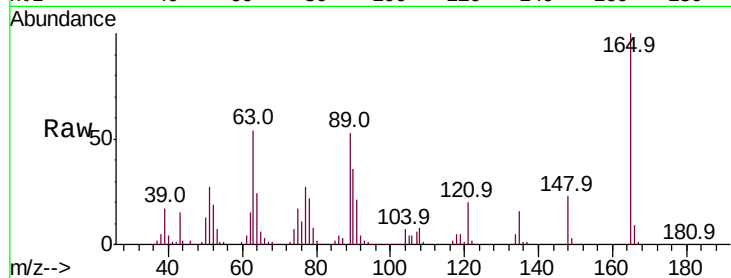
#51  
2,6-Dinitrotoluene  
Concen: 84.355 ng  
RT: 14.31 min Scan# 1876  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 53.8  | 43.4  | 65.2  |
| 89      | 52.6  | 45.8  | 68.6  |

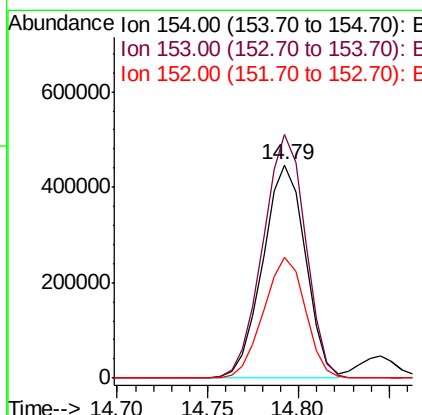
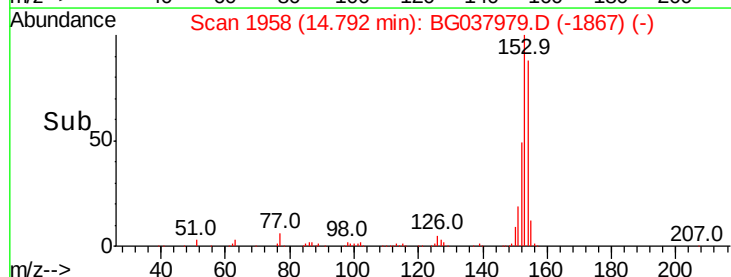
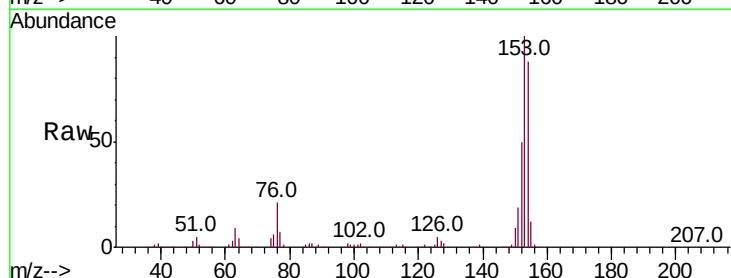
Manual Integrations  
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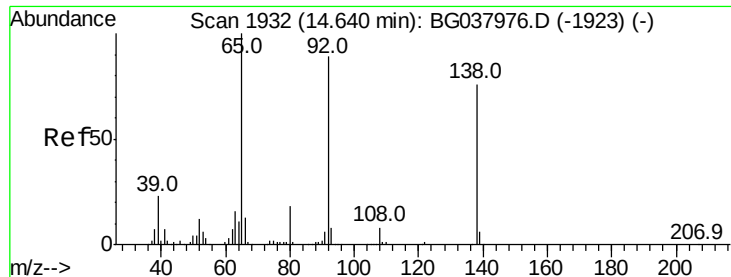
Sohil  
11/14/2018 2:24:10 PM



#52  
Acenaphthene  
Concen: 77.955 ng  
RT: 14.79 min Scan# 1958  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.2 | 93.4  | 140.0 |
| 152     | 56.6  | 44.7  | 67.1  |





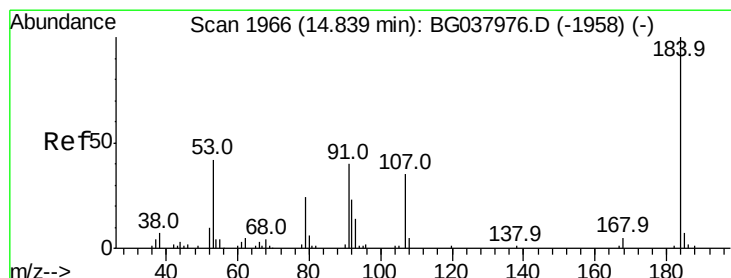
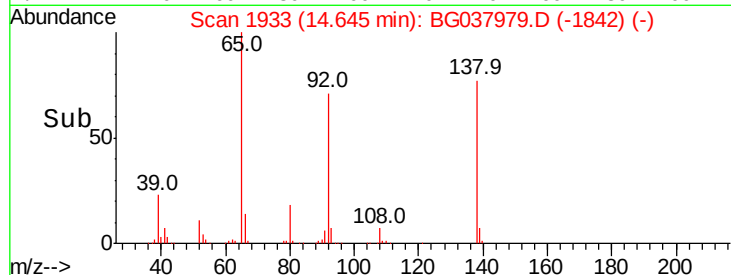
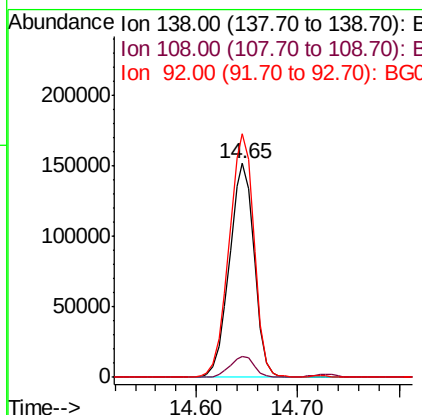
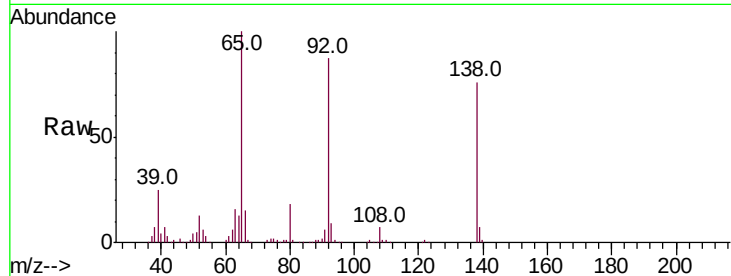
#53  
3-Nitroaniline  
Concen: 83.510 ng  
RT: 14.65 min Scan# 1933  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 11.0  | 16.6# |
| 92      | 113.8 | 95.2  | 142.8 |

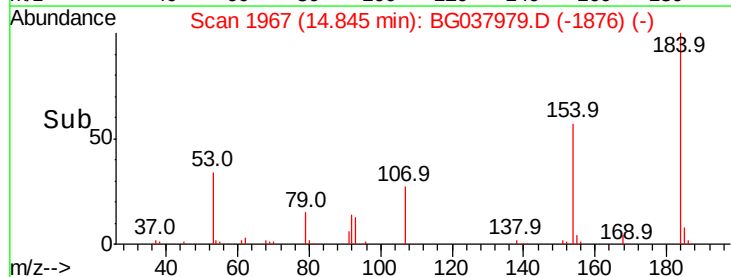
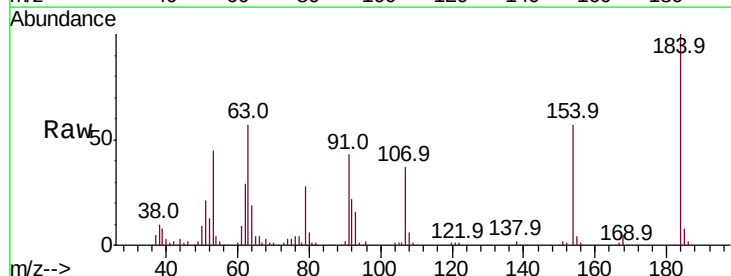
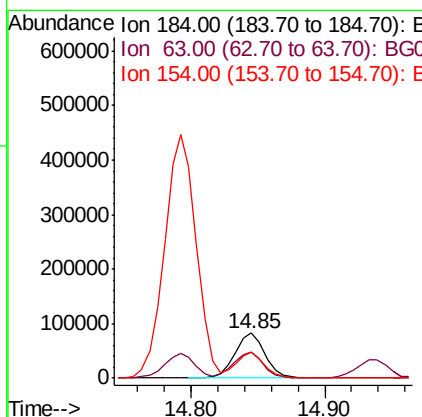
Manual Integrations  
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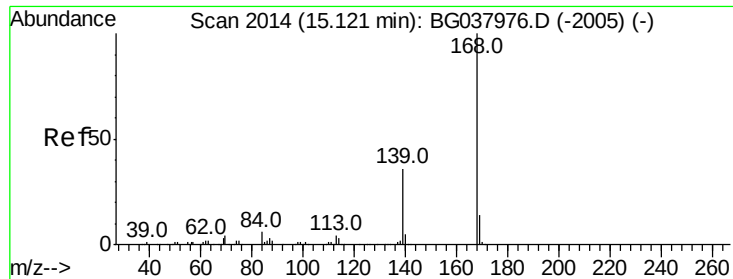
Sohil  
11/14/2018 2:24:10 PM



#54  
2,4-Dinitrophenol  
Concen: 159.980 ng  
RT: 14.85 min Scan# 1967  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 56.7  | 42.6  | 63.8  |
| 154     | 57.1  | 41.8  | 62.6  |





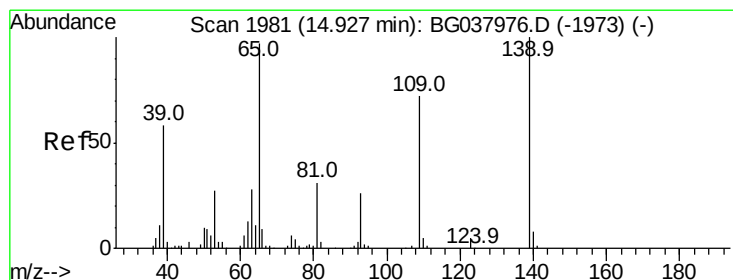
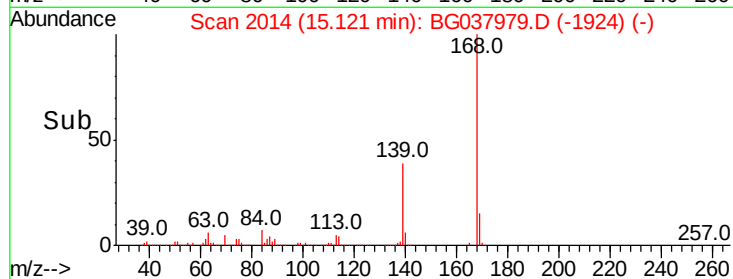
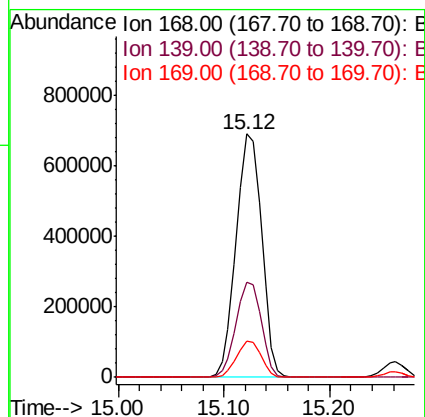
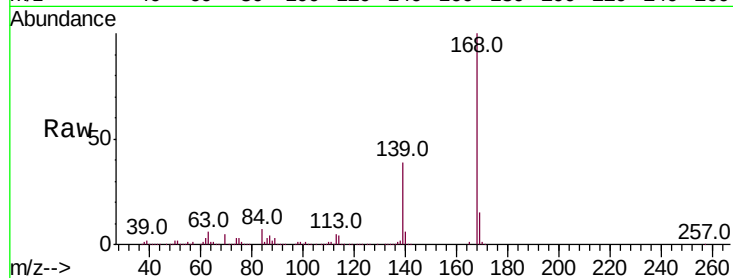
#55  
Dibenzofuran  
Concen: 74.253 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.1  | 29.4  | 44.0  |
| 169     | 15.0  | 11.0  | 16.6  |

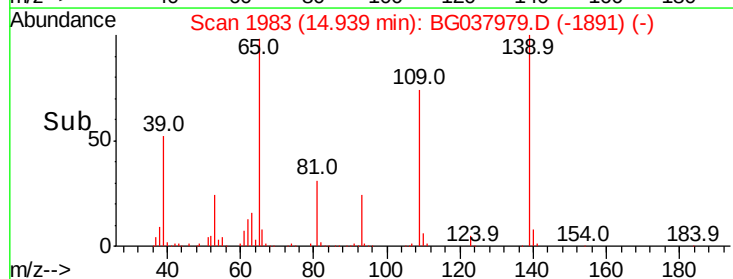
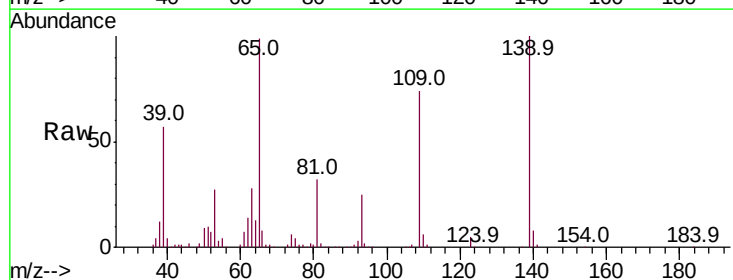
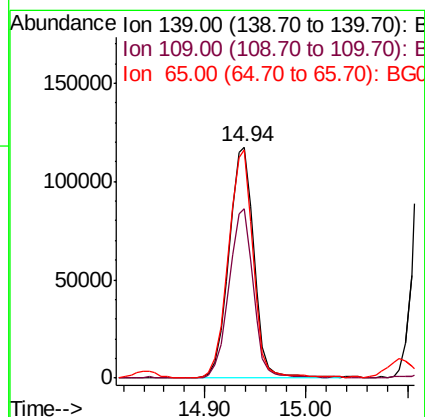
Manual Integrations  
APPROVED

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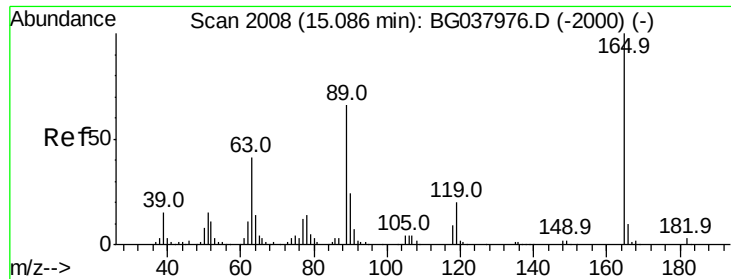


#56  
4-Nitrophenol  
Concen: 88.457 ng  
RT: 14.94 min Scan# 1983  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 73.5  | 49.5  | 89.5  |
| 65      | 99.0  | 76.8  | 116.8 |







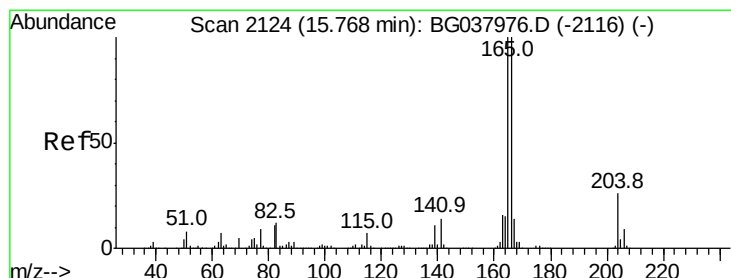
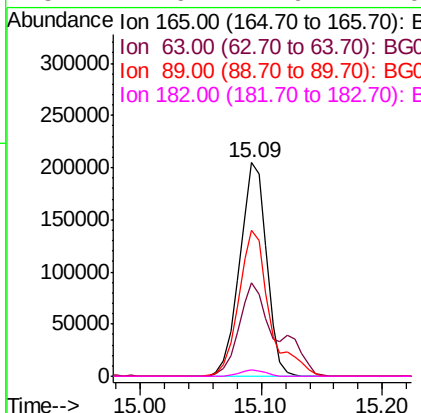
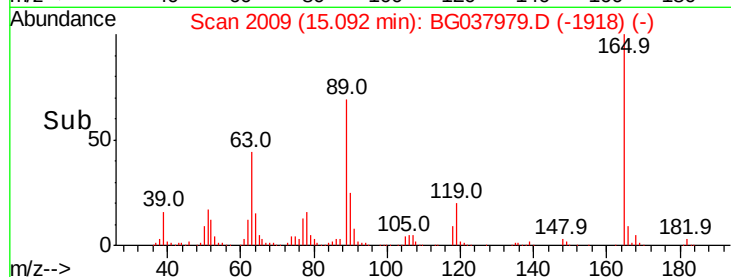
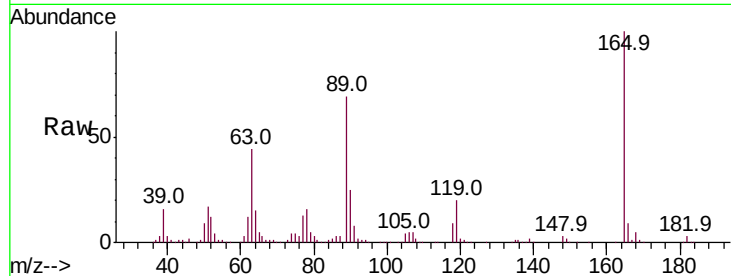
#57  
2,4-Dinitrotoluene  
Concen: 87.504 ng  
RT: 15.09 min Scan# 2009  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 317986 |       |       |
| 63      | 43.9  | 33.4   | 50.0  |       |
| 89      | 68.5  | 57.2   | 85.8  |       |
| 182     | 2.9   | 2.6    | 4.0   |       |

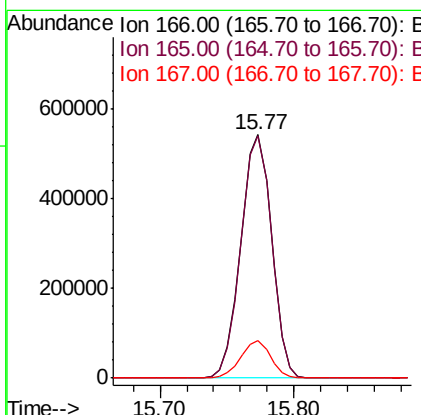
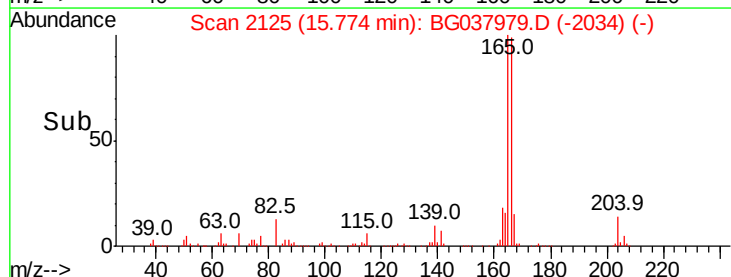
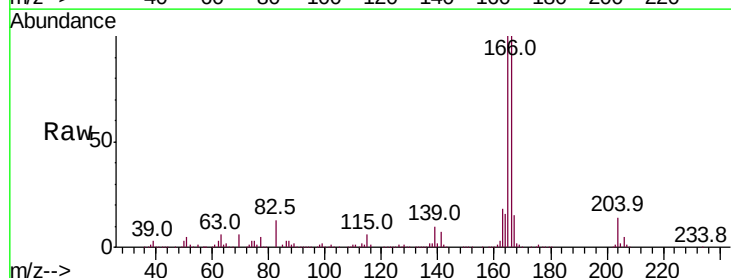
Manual Integrations  
APPROVED

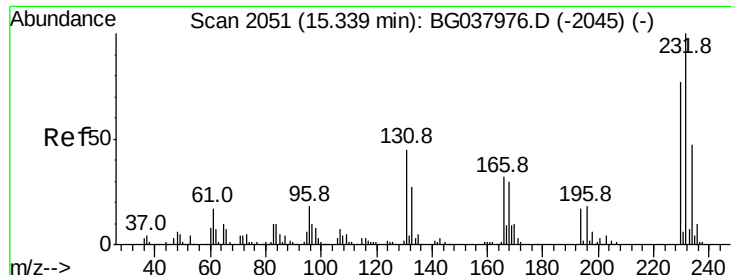
Sohil  
11/14/2018 2:24:10 PM



#58  
Fluorene  
Concen: 74.371 ng  
RT: 15.77 min Scan# 2125  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 866403 |       |       |
| 165     | 99.8  | 79.0   | 118.6 |       |
| 167     | 15.4  | 11.3   | 16.9  |       |





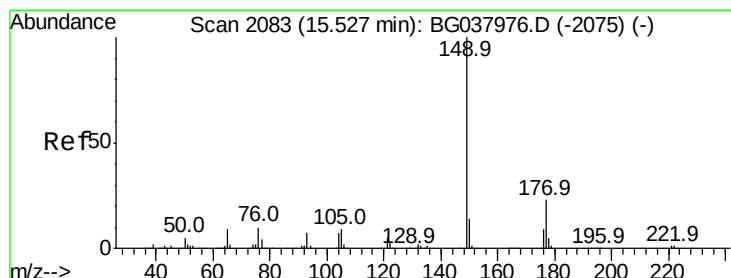
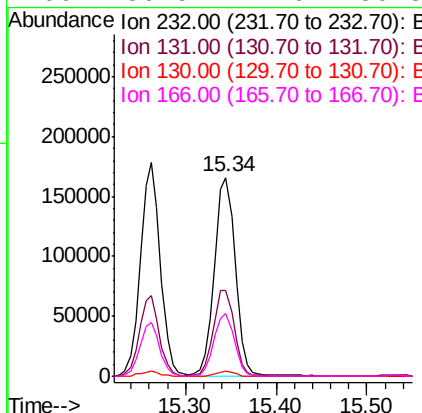
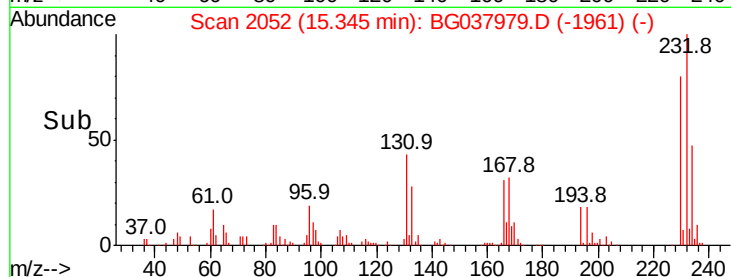
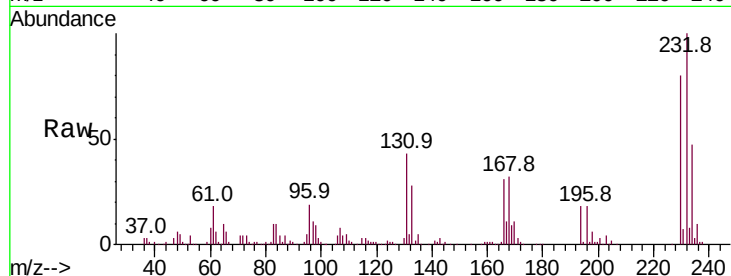
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 81.774 ng  
 RT: 15.34 min Scan# 2052  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.8  | 33.7  | 50.5  |
| 130     | 2.4   | 2.1   | 3.1   |
| 166     | 30.5  | 24.6  | 36.8  |

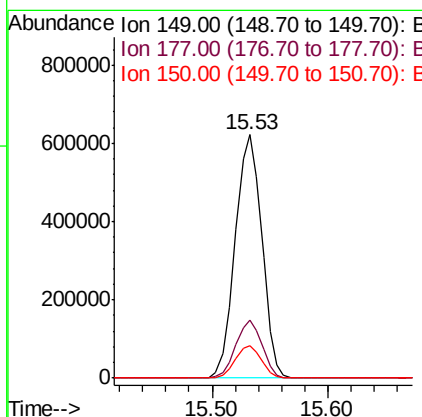
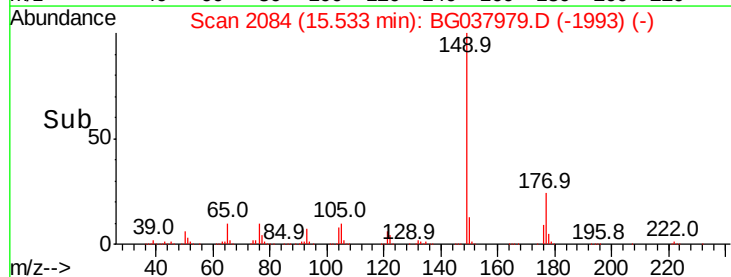
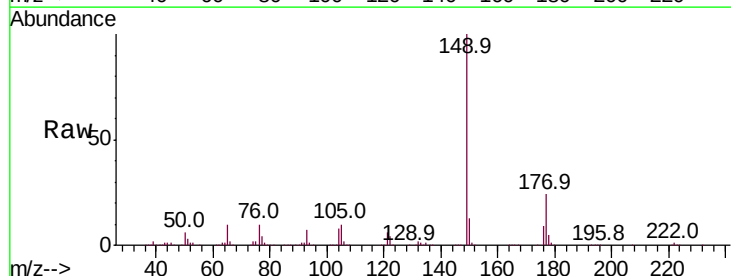
Manual Integrations  
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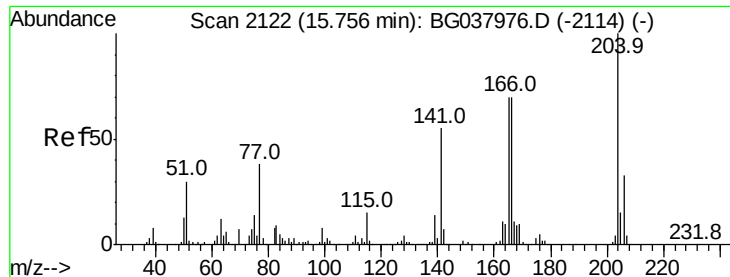
Sohil  
 11/14/2018 2:24:10 PM



#60  
 Diethylphthalate  
 Concen: 76.983 ng  
 RT: 15.53 min Scan# 2084  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.6  | 18.3  | 27.5  |
| 150     | 13.5  | 10.0  | 15.0  |





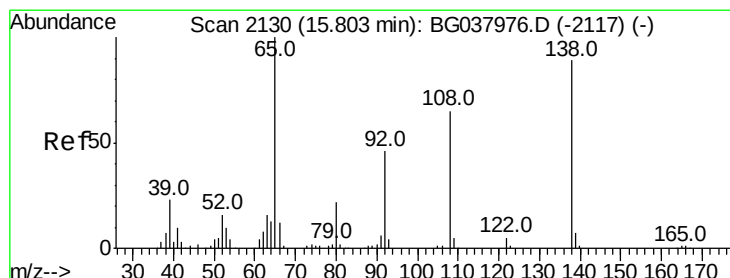
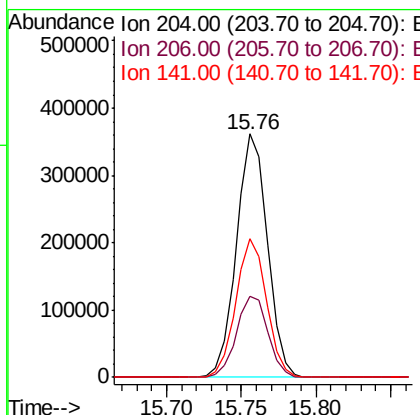
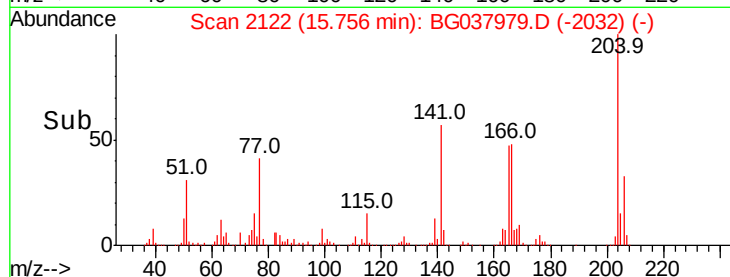
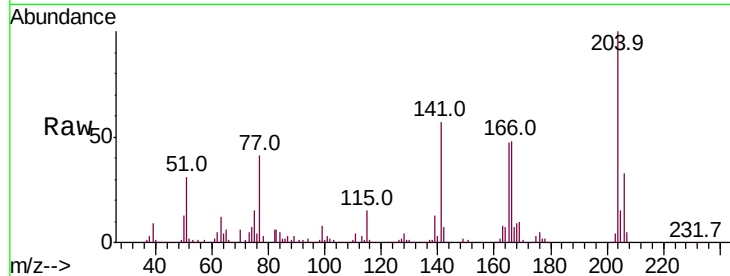
#61  
4-Chlorophenyl-phenylether  
Concen: 76.900 ng  
RT: 15.76 min Scan# 2122  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 26.6  | 39.8  |
| 141     | 56.8  | 45.4  | 68.2  |

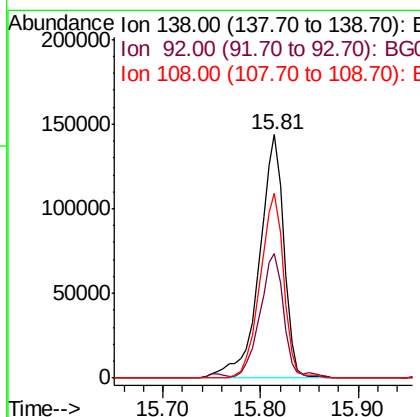
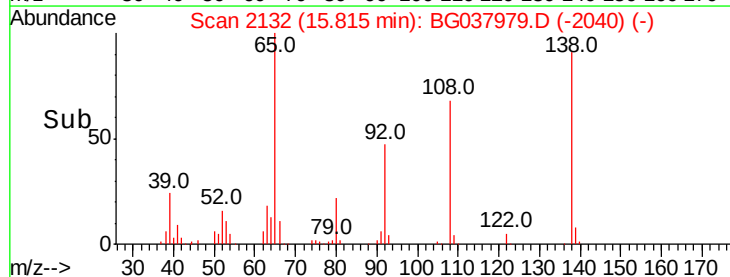
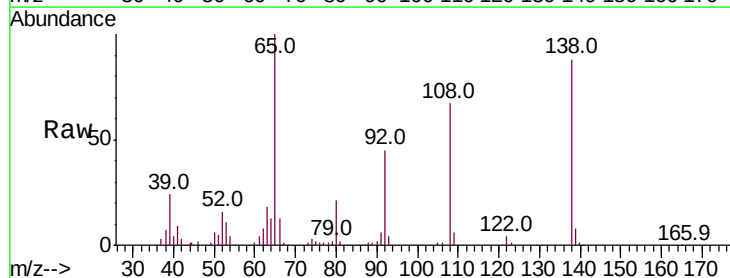
Manual Integrations  
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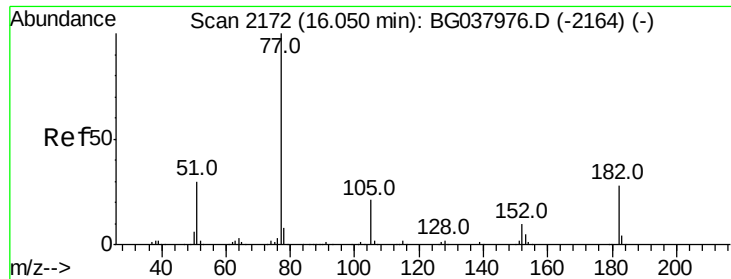
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11/14/2018 2:24:10 PM



#62  
4-Nitroaniline  
Concen: 83.316 ng  
RT: 15.81 min Scan# 2132  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.0  | 36.4  | 76.4  |
| 108     | 76.1  | 60.1  | 100.1 |





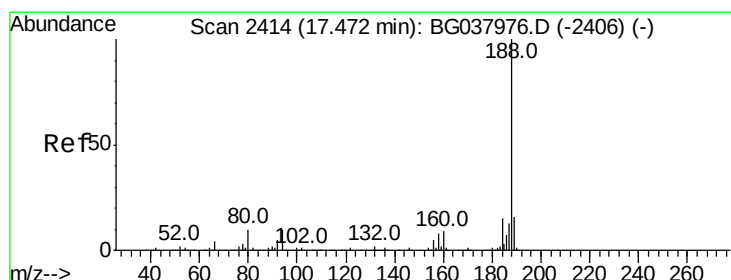
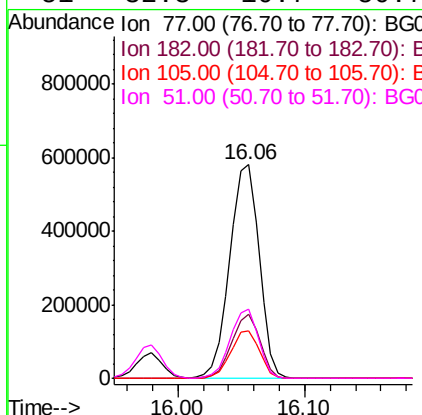
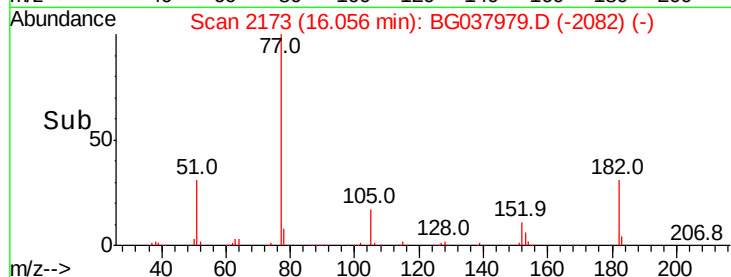
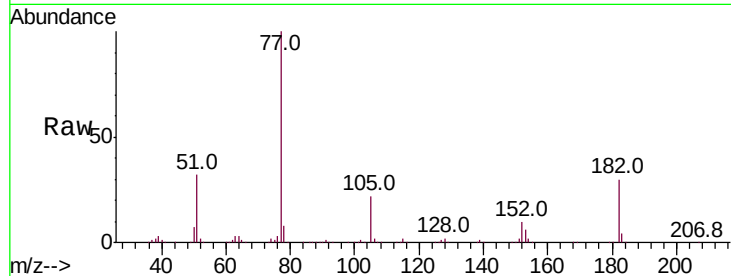
#63  
Azobenzene  
Concen: 75.806 ng  
RT: 16.06 min Scan# 2173  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 30.0  | 8.0   | 48.0  |
| 105     | 22.2  | 1.3   | 41.3  |
| 51      | 32.3  | 10.7  | 50.7  |

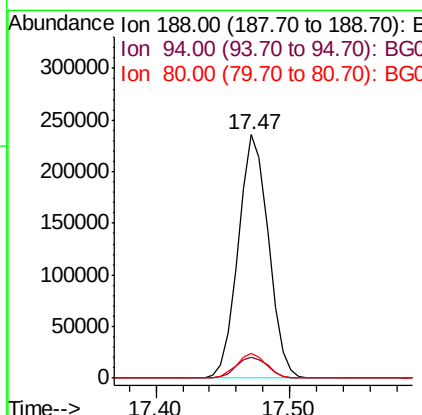
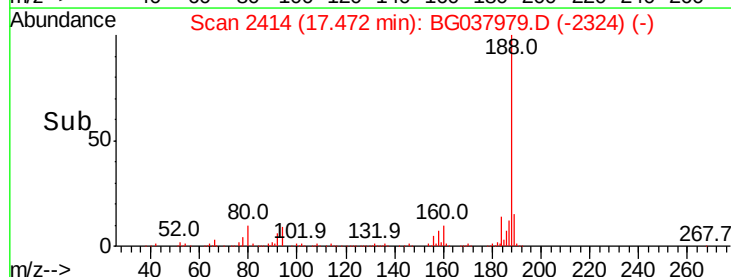
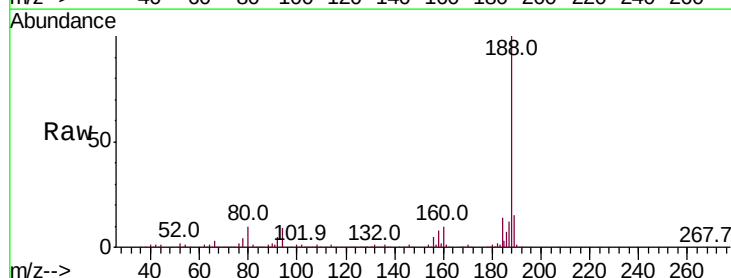
Manual Integrations  
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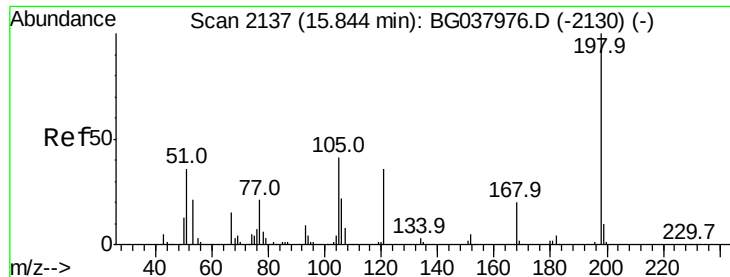
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.47 min Scan# 2414  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.7   | 7.2   | 10.8  |
| 80      | 10.2  | 7.7   | 11.5  |





#65

4,6-Dinitro-2-methylphenol

Concen: 119.483 ng

RT: 15.86 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

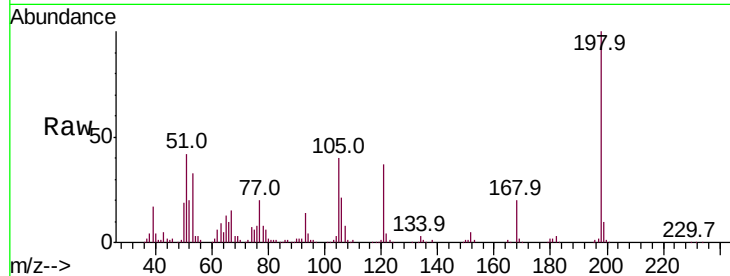
ClientSampleId :

SSTDIC080

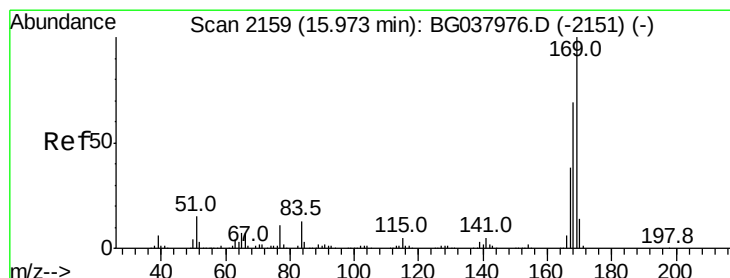
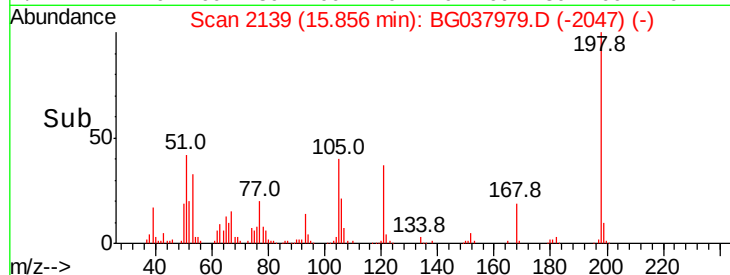
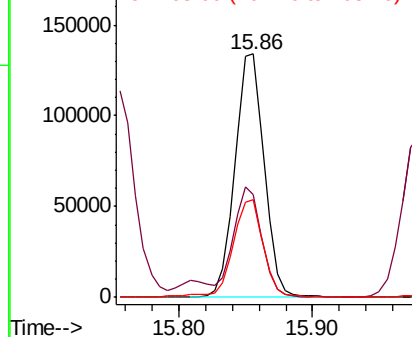
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 204461 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 42.2  | 22.7  | 62.7   |
| 105       | 39.9  | 19.7  | 59.7   |

Manual Integrations  
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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 77.014 ng

RT: 15.98 min Scan# 2160

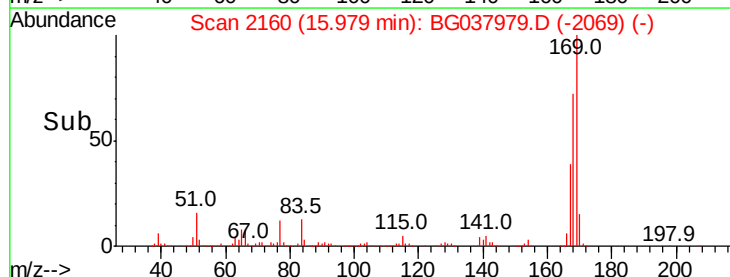
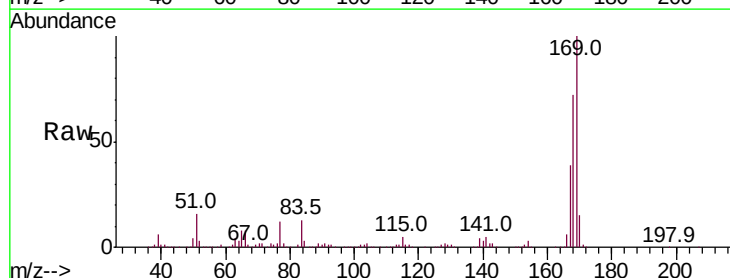
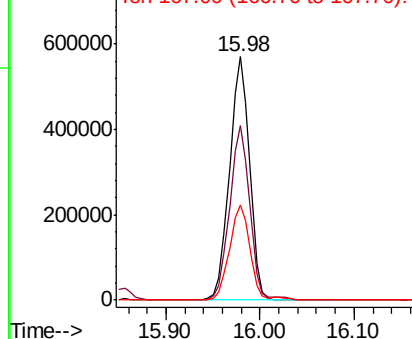
Delta R.T. 0.01 min

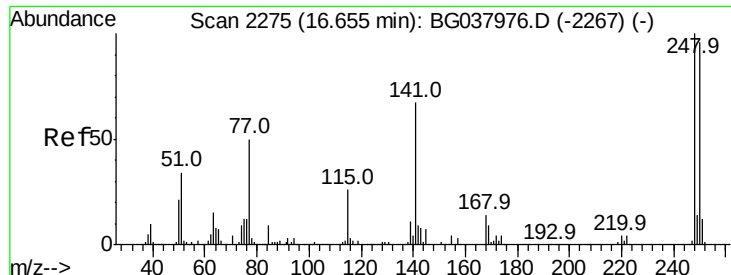
Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 856197 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.7  | 55.7  | 83.5   |
| 167       | 39.1  | 31.3  | 46.9   |

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





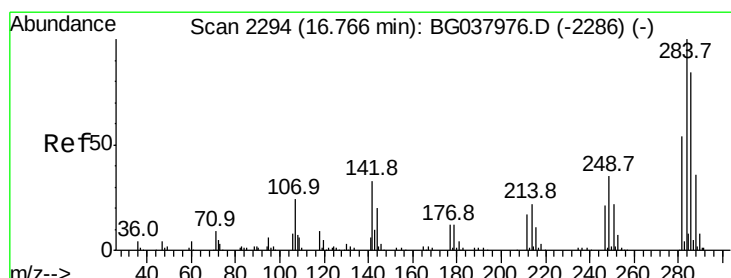
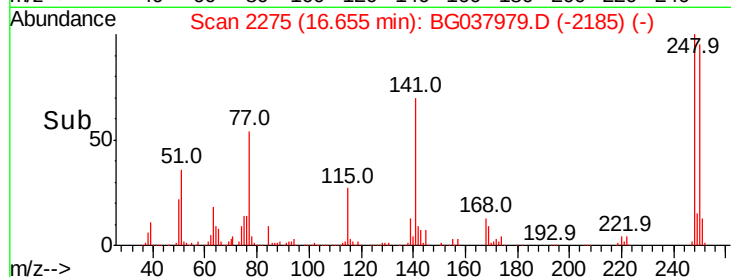
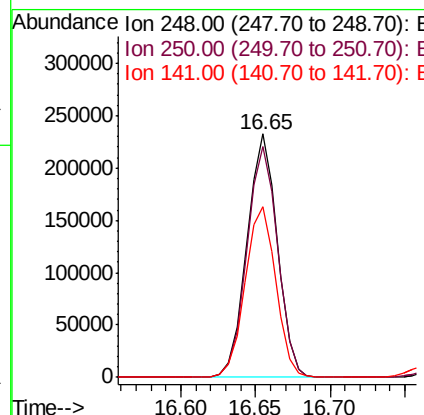
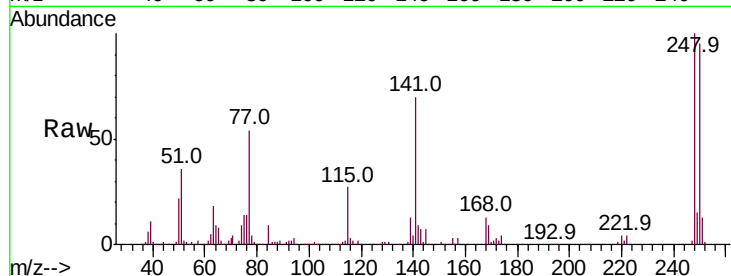
#67  
 4-Bromophenyl-phenylether  
 Concen: 80.192 ng  
 RT: 16.65 min Scan# 2275  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.6  | 77.0  | 115.6 |
| 141     | 70.3  | 55.5  | 83.3  |

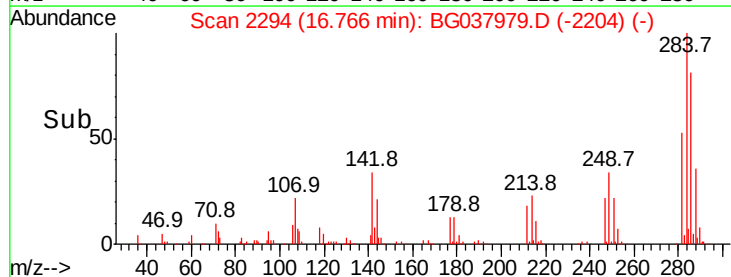
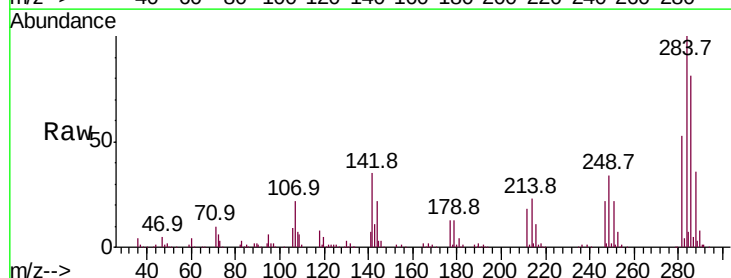
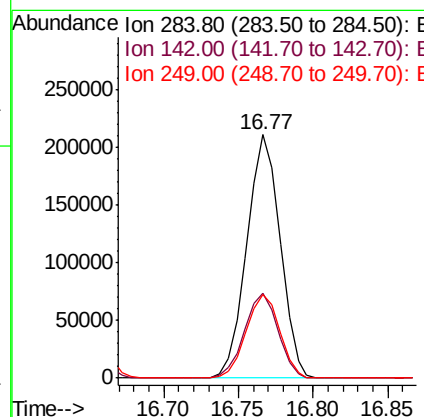
Manual Integrations  
 APPROVED

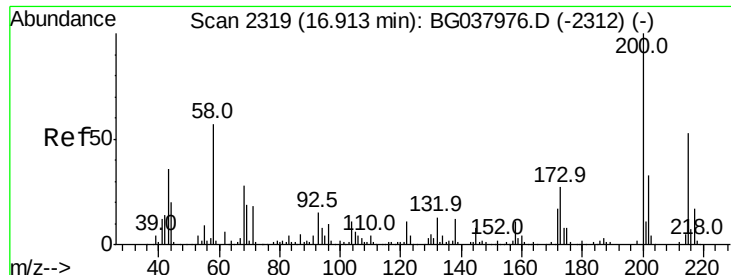
Sohil  
 11/14/2018 2:24:10 PM



#68  
 Hexachlorobenzene  
 Concen: 77.580 ng  
 RT: 16.77 min Scan# 2294  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.8  | 28.1  | 42.1  |
| 249     | 36.9  | 29.8  | 44.8  |





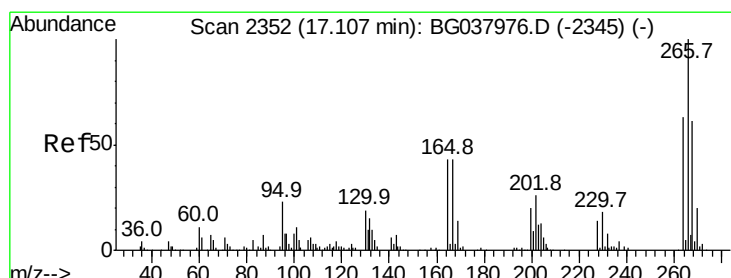
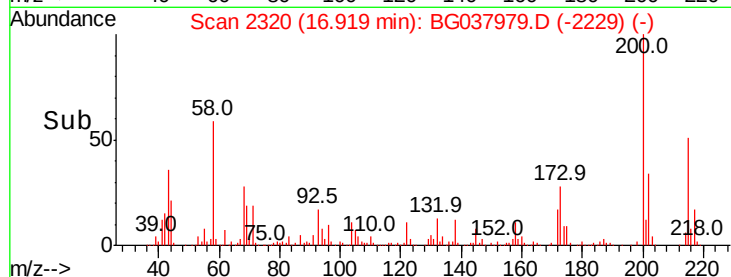
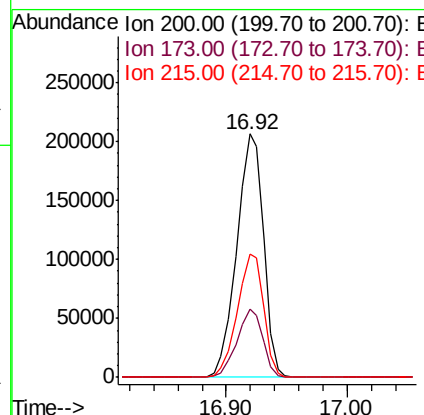
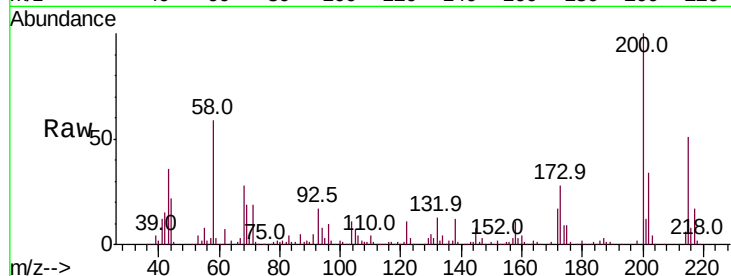
#69  
 Atrazine  
 Concen: 79.204 ng  
 RT: 16.92 min Scan# 2320  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.9  | 6.1   | 46.1  |
| 215     | 50.6  | 30.8  | 70.8  |

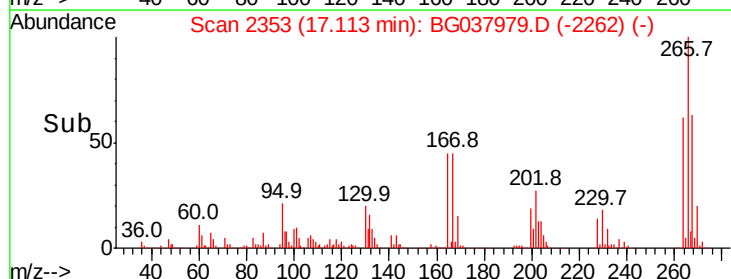
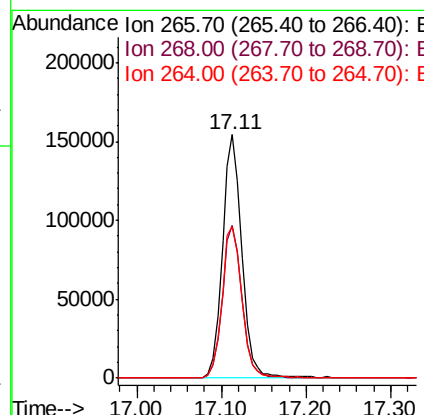
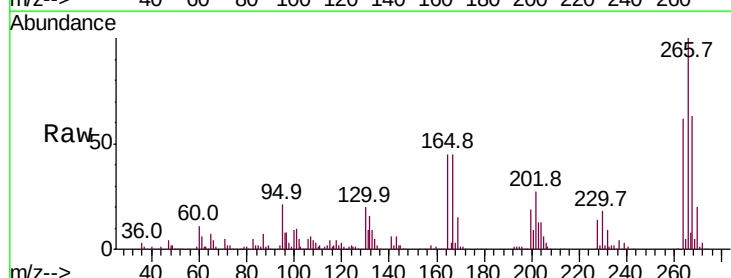
Manual Integrations  
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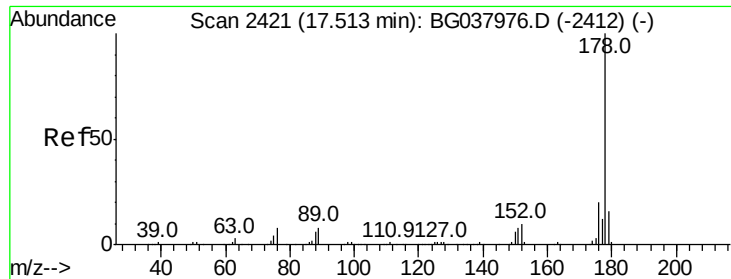
Sohil  
 11/14/2018 2:24:10 PM



#70  
 Pentachlorophenol  
 Concen: 88.181 ng  
 RT: 17.11 min Scan# 2353  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.8  | 55.0  | 82.6  |
| 264     | 67.6  | 58.9  | 88.3  |





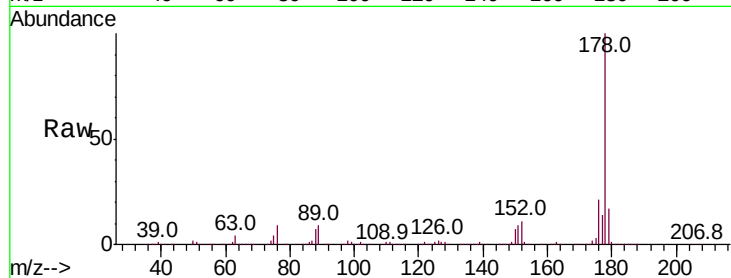
#71  
Phenanthrene  
Concen: 73.694 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 16.1  | 24.1  |
| 179     | 17.3  | 13.0  | 19.4  |

Manual Integrations  
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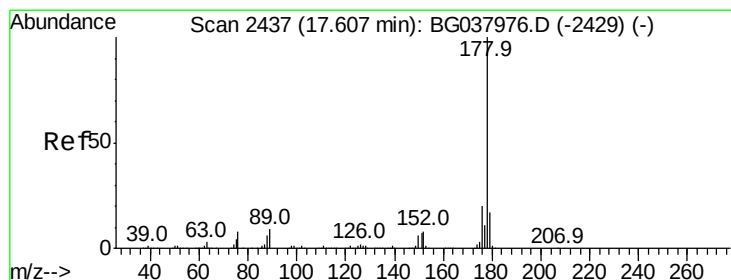
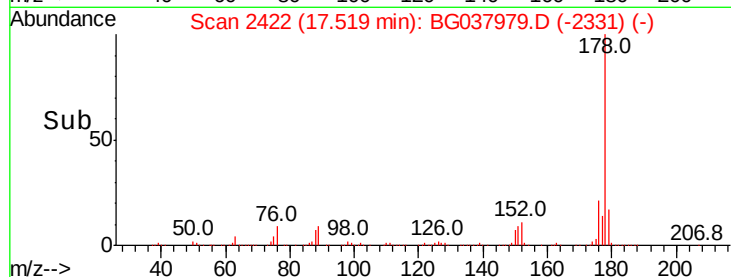
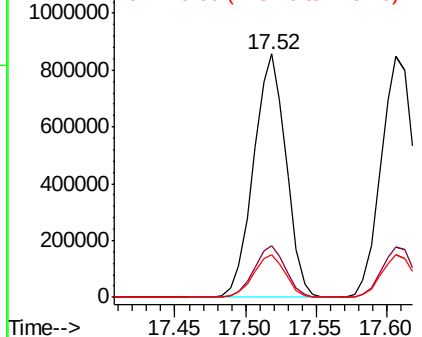


Abundance

Ion 178.00 (177.70 to 178.70): E

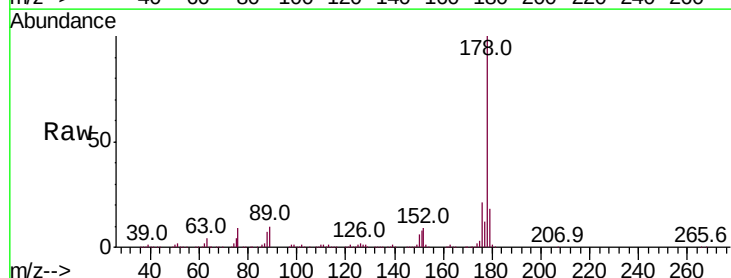
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72  
Anthracene  
Concen: 74.711 ng  
RT: 17.61 min Scan# 2437  
Delta R.T. 0.00 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.1  | 15.0  | 22.4  |
| 179     | 17.6  | 12.8  | 19.2  |

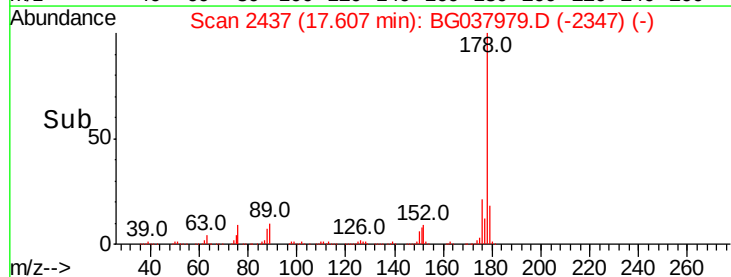
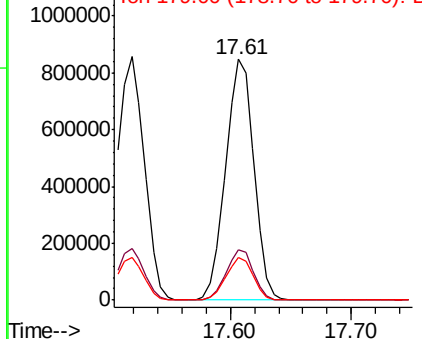


Abundance

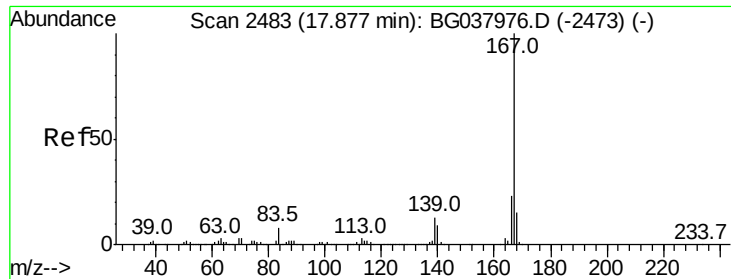
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







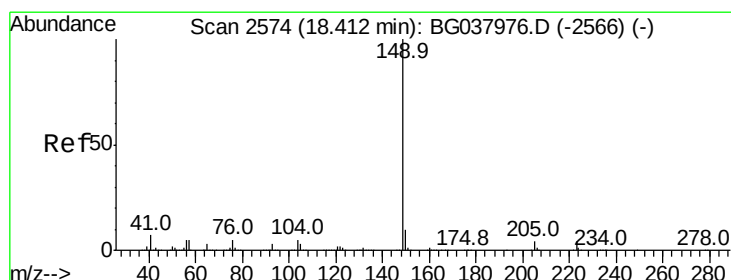
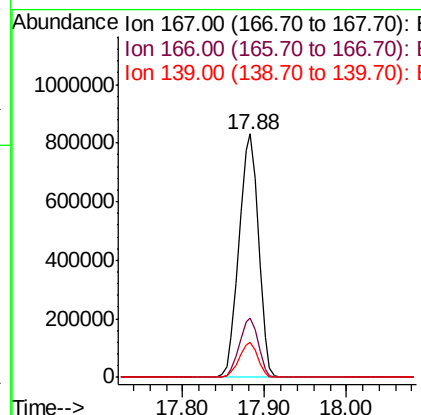
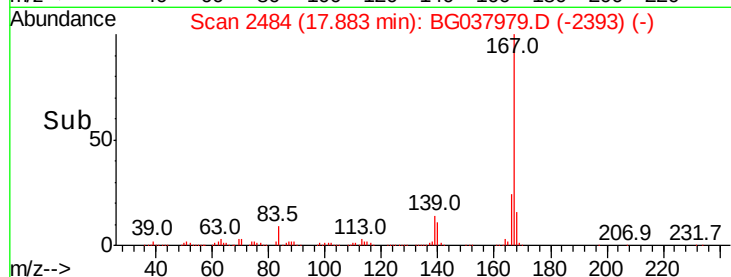
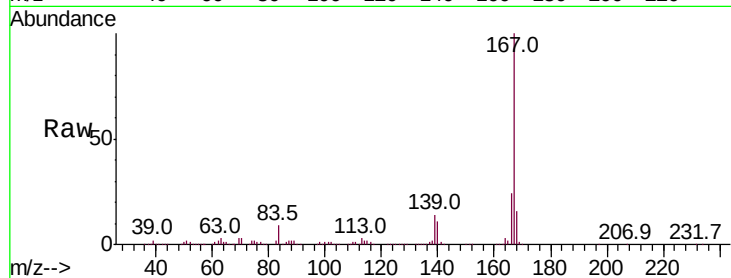
#73  
 Carbazole  
 Concen: 75.086 ng  
 RT: 17.88 min Scan# 2484  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.4  | 18.3  | 27.5  |
| 139     | 14.3  | 10.5  | 15.7  |

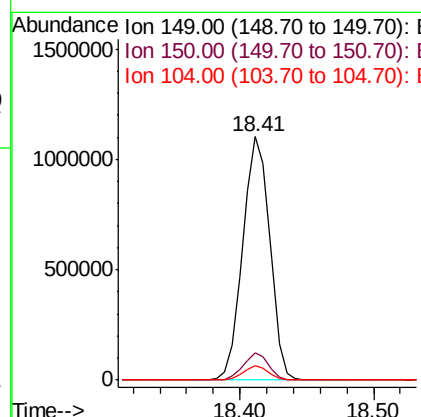
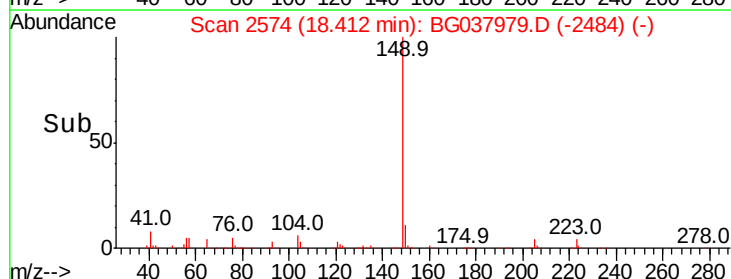
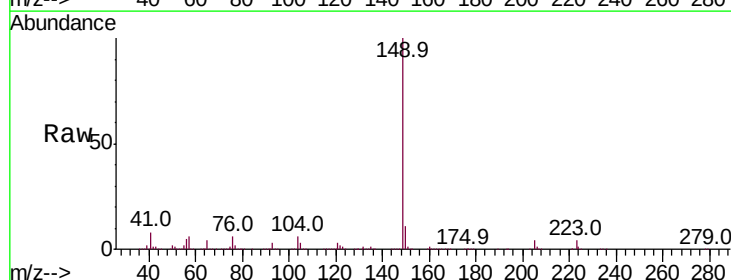
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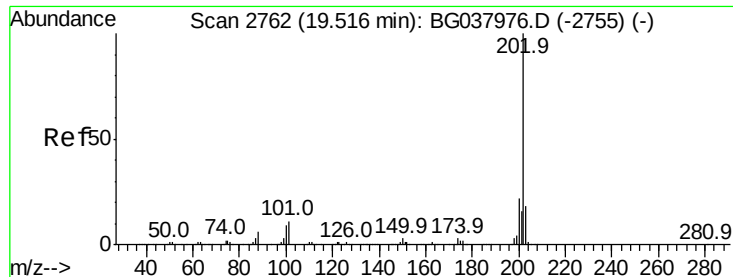
Sohil  
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#74  
 Di-n-butylphthalate  
 Concen: 75.157 ng  
 RT: 18.41 min Scan# 2574  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 11.3  | 8.2   | 12.2  |
| 104     | 6.0   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 73.455 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

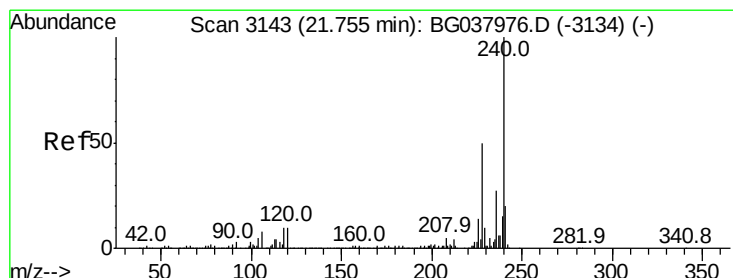
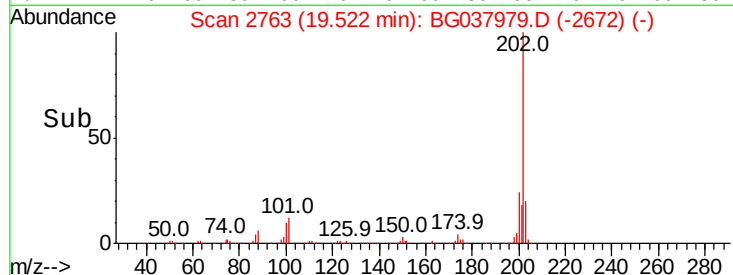
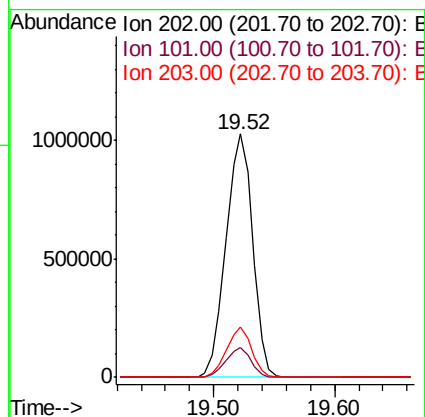
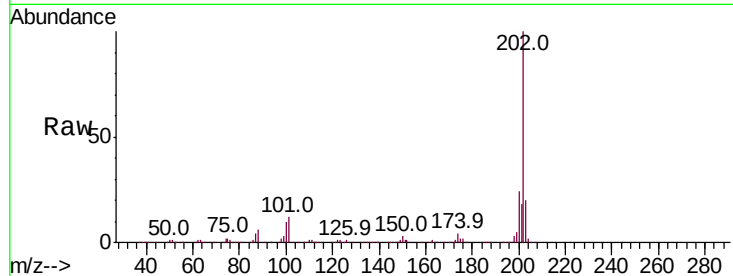
ClientSampleId :

SSTDICC080

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 1564922 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 12.1  | 0.0   | 30.7    |
| 203       | 20.5  | 0.0   | 38.5    |

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#76

Chrysene-d12

Concen: 20.000 ng

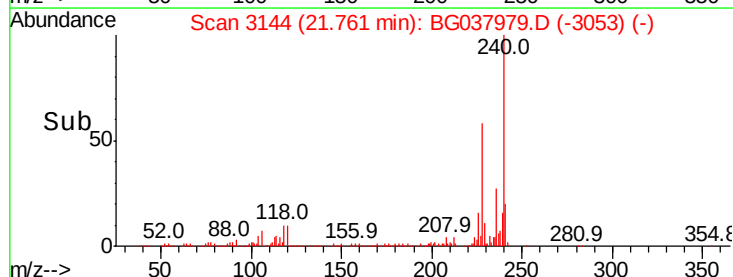
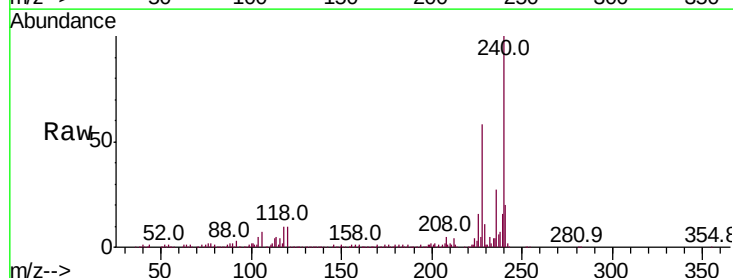
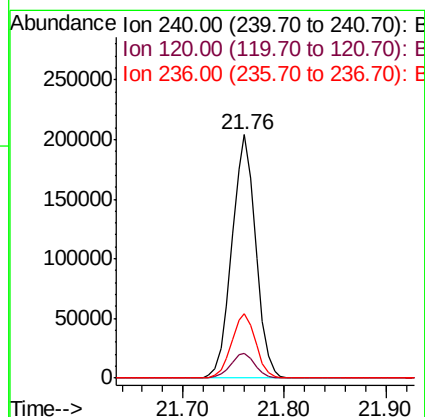
RT: 21.76 min Scan# 3144

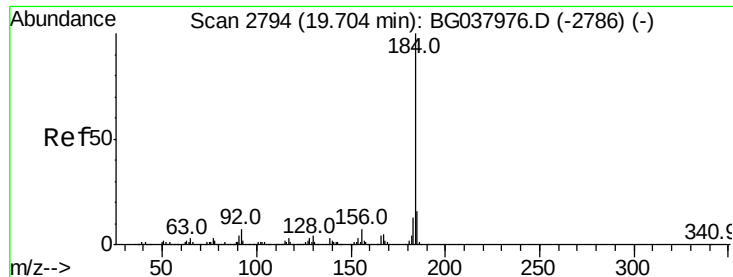
Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 332039 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.1  | 8.1   | 12.1   |
| 236       | 26.5  | 21.4  | 32.0   |





#77

Benzidine

Concen: 83.700 ng

RT: 19.70 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

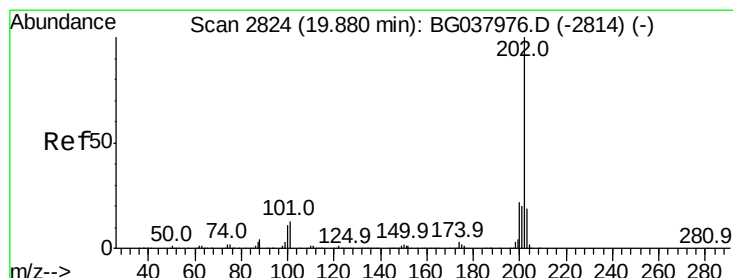
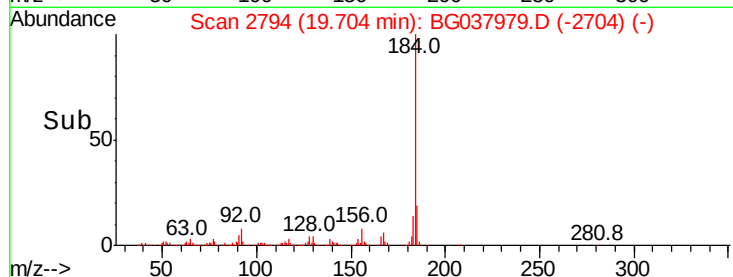
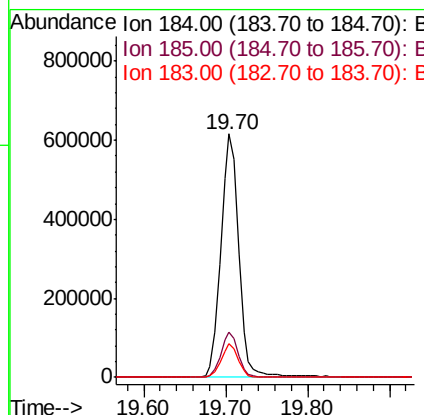
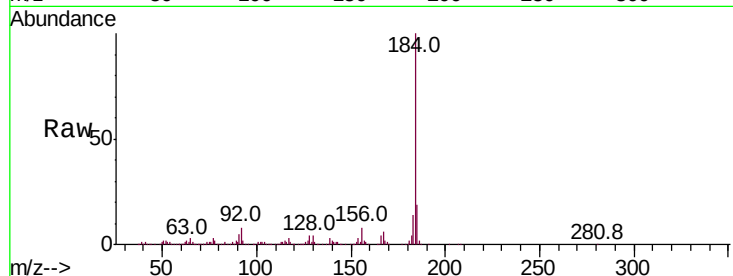
ClientSampleId :

SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 944988 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 18.8  | 12.6  | 18.8   |
| 183       | 13.8  | 10.2  | 15.2   |

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#78

Pyrene

Concen: 73.126 ng

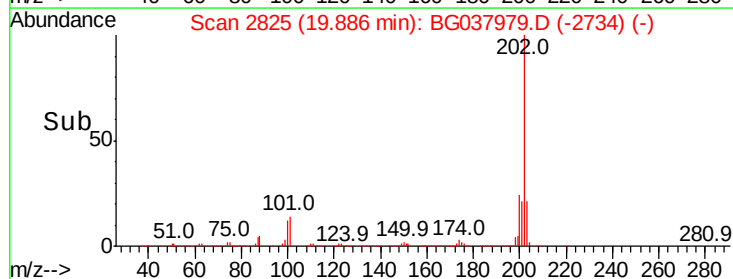
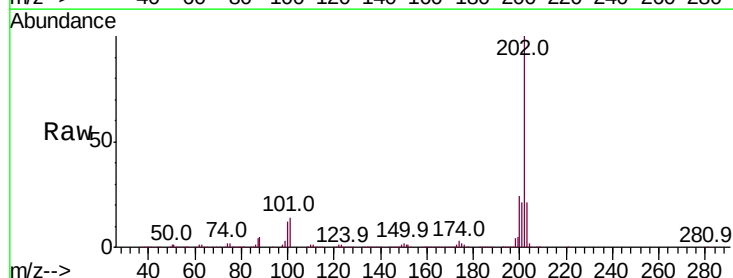
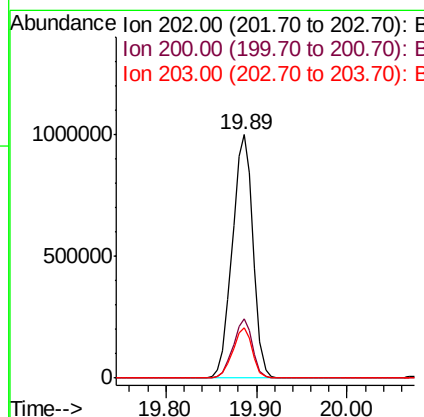
RT: 19.89 min Scan# 2825

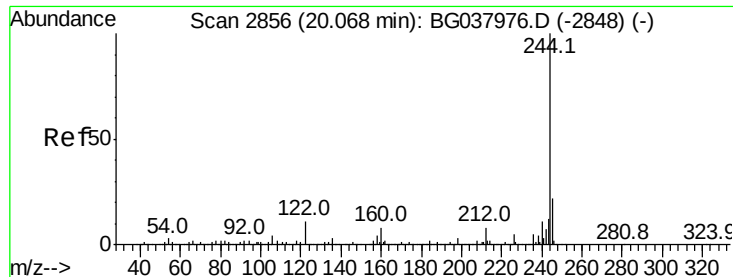
Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1587260 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 24.2  | 17.8  | 26.6    |
| 203       | 20.8  | 15.2  | 22.8    |





#79

Terphenyl-d14

Concen: 126.137 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 1960090

Ion Ratio Lower Upper

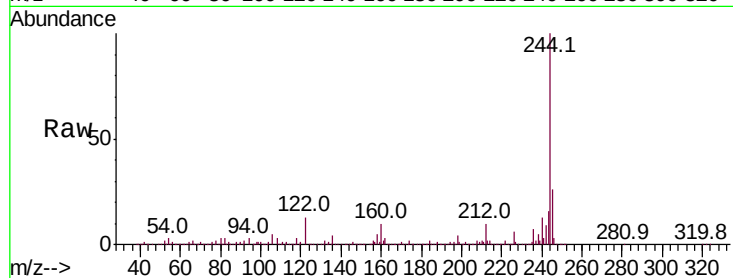
244 100

212 10.1 6.5 9.7#

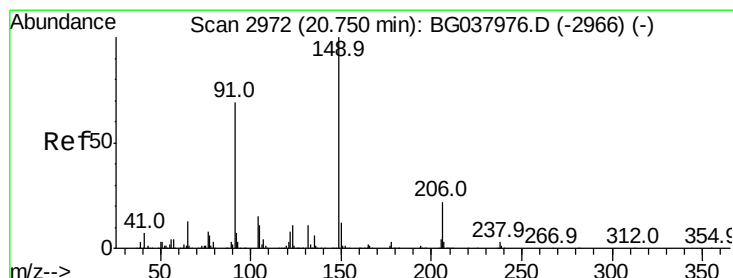
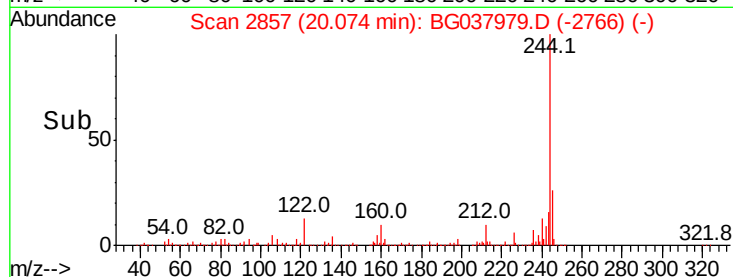
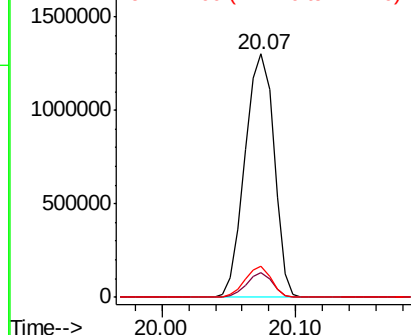
122 12.7 9.0 13.4

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



#80

Butylbenzylphthalate

Concen: 83.539 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

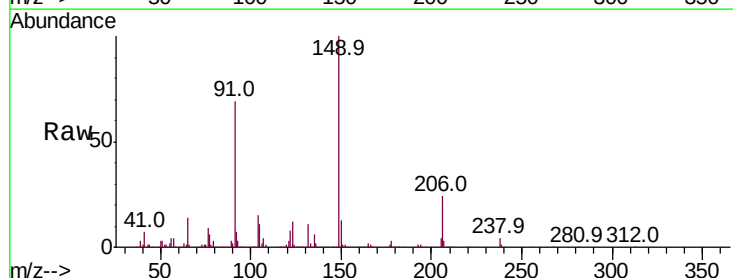
Tgt Ion:149 Resp: 742103

Ion Ratio Lower Upper

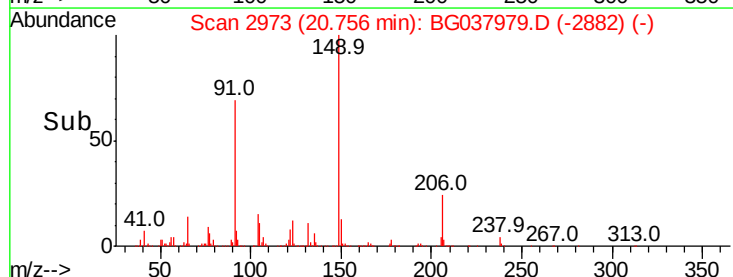
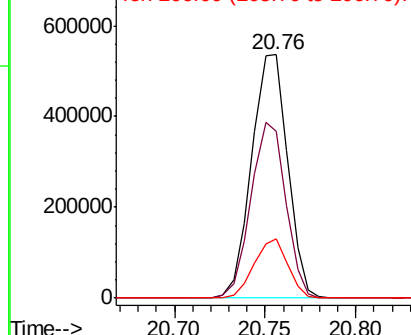
149 100

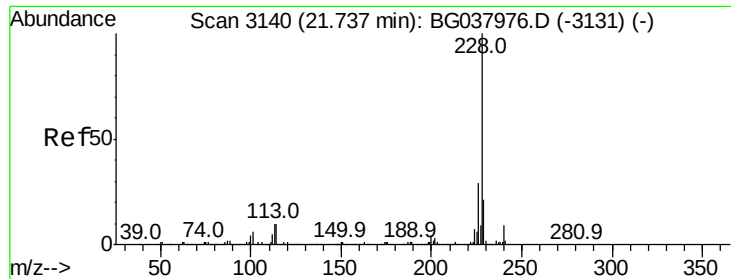
91 68.8 57.0 85.4

206 24.2 17.8 26.6



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





#81

Benzo(a)anthracene

Concen: 76.264 ng

RT: 21.74 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 1497819

Ion Ratio Lower Upper

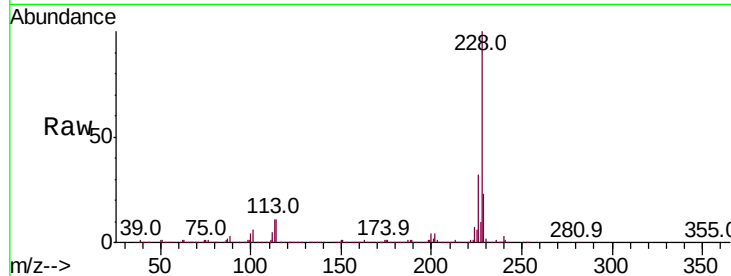
228 100

226 32.1 22.6 33.8

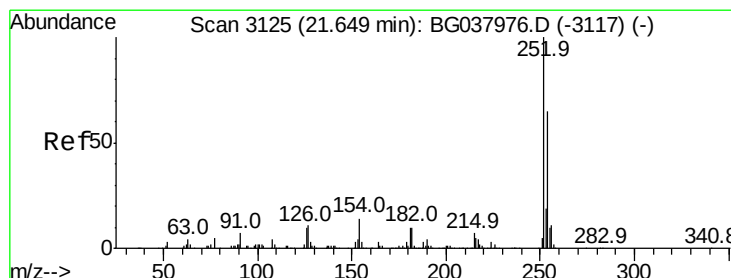
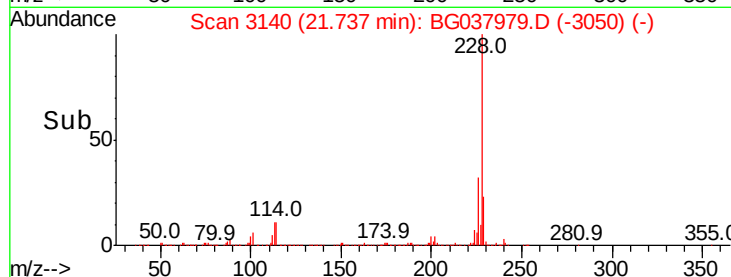
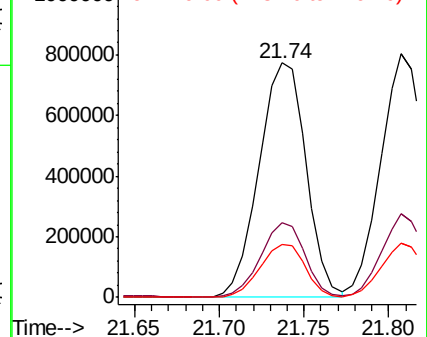
229 22.5 16.3 24.5

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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: 81.881 ng

RT: 21.65 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

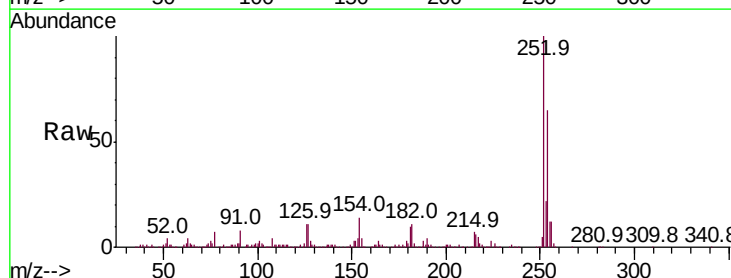
Tgt Ion:252 Resp: 623321

Ion Ratio Lower Upper

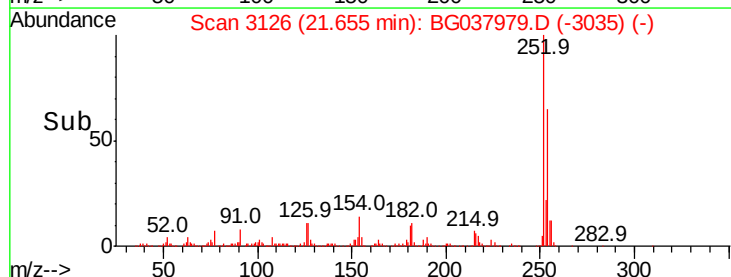
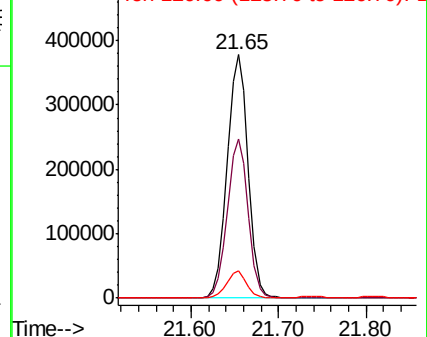
252 100

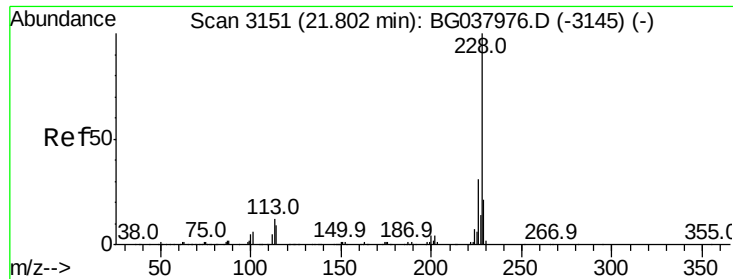
254 65.3 52.0 78.0

126 11.3 8.2 12.4



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





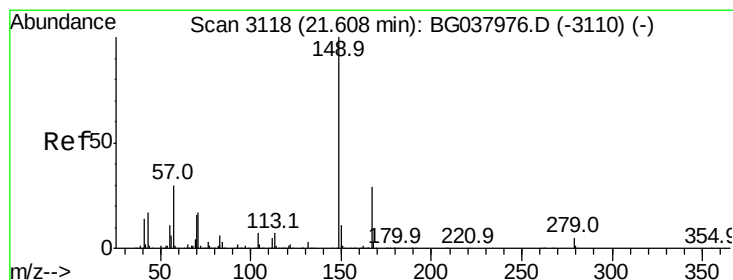
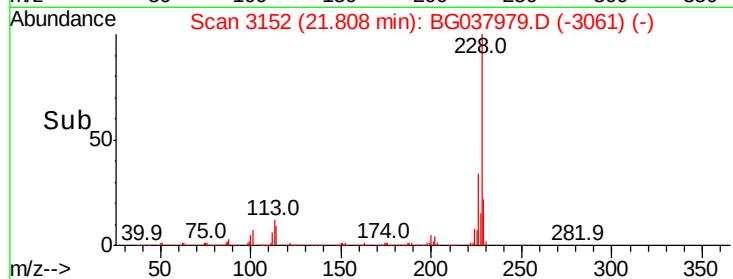
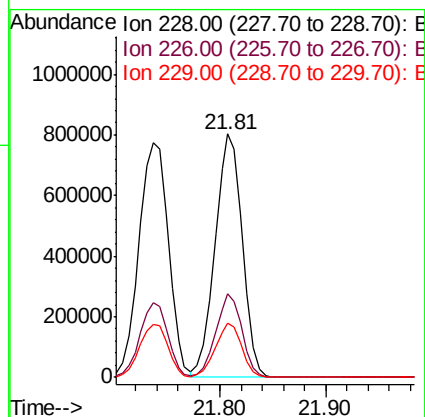
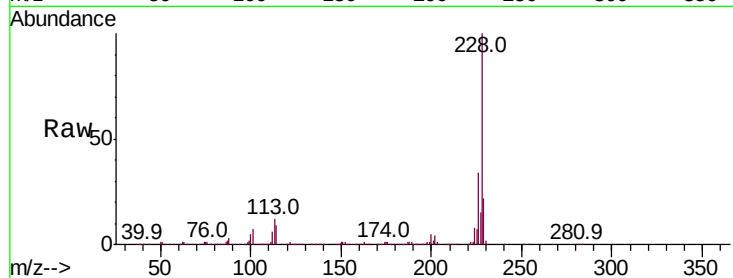
#83  
 Chrysene  
 Concen: 76.133 ng  
 RT: 21.81 min Scan# 3152  
 Delta R.T. 0.01 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC080

|     |         |       |         |
|-----|---------|-------|---------|
| Tot | Ion:228 | Resp: | 1437777 |
| Ion | Ratio   | Lower | Upper   |
| 228 | 100     |       |         |
| 226 | 34.4    | 25.7  | 38.5    |
| 229 | 22.3    | 16.5  | 24.7    |

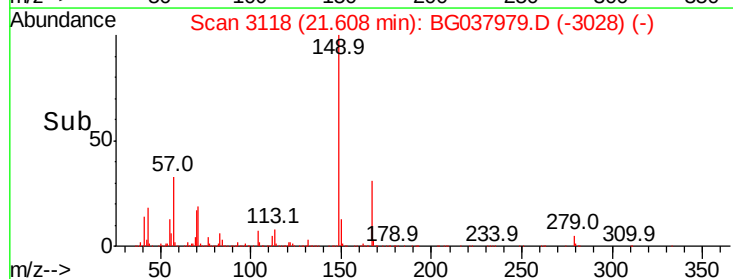
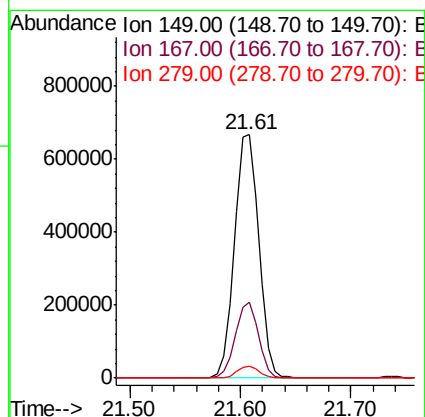
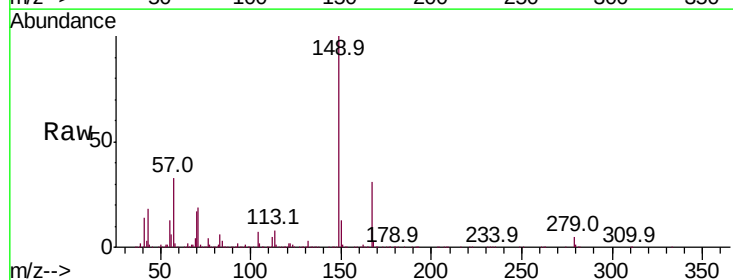
Manual Integrations  
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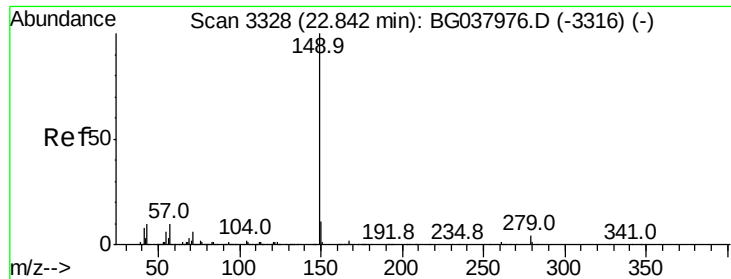
Sohil  
 11/14/2018 2:24:10 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 83.274 ng  
 RT: 21.61 min Scan# 3118  
 Delta R.T. 0.00 min  
 Lab File: BG037979.D  
 Acq: 13 Nov 2018 15:29

|         |       |               |       |
|---------|-------|---------------|-------|
| Tgt Ion | 149   | Resp: 1036926 |       |
| Ion     | Ratio | Lower         | Upper |
| 149     | 100   |               |       |
| 167     | 31.0  | 23.0          | 34.4  |
| 279     | 5.1   | 3.6           | 5.4   |





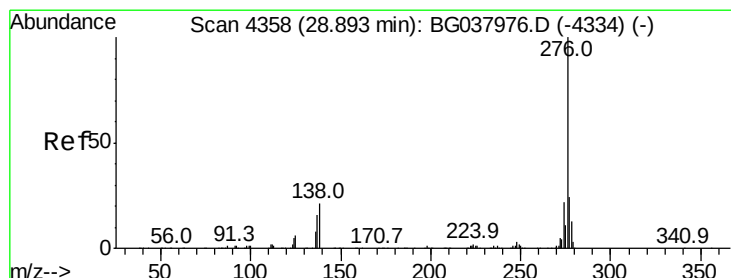
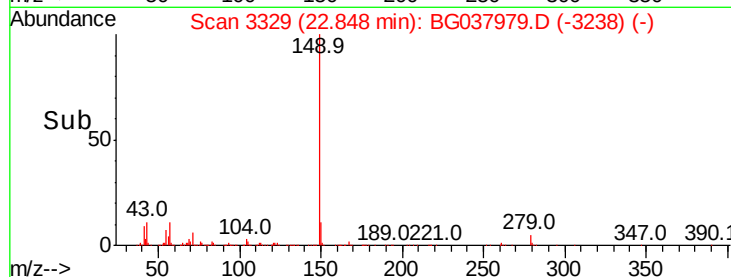
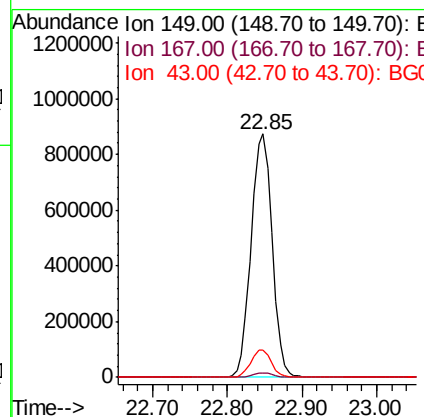
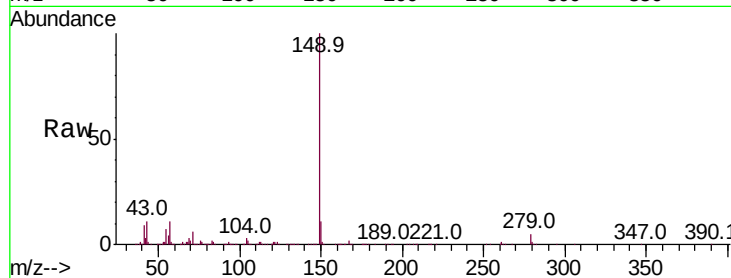
#85  
Di-n-octyl phthalate  
Concen: 84.329 ng  
RT: 22.85 min Scan# 3329  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 10.9  | 8.7   | 13.1  |

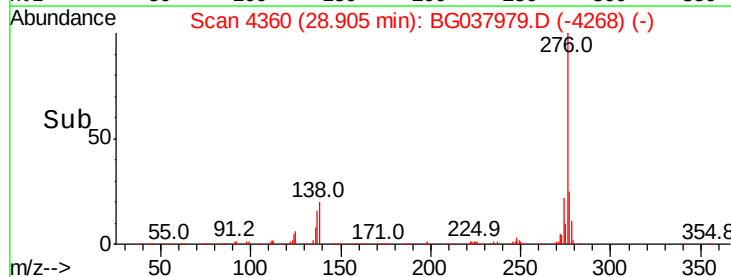
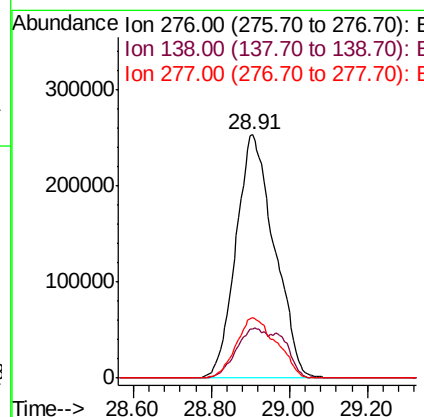
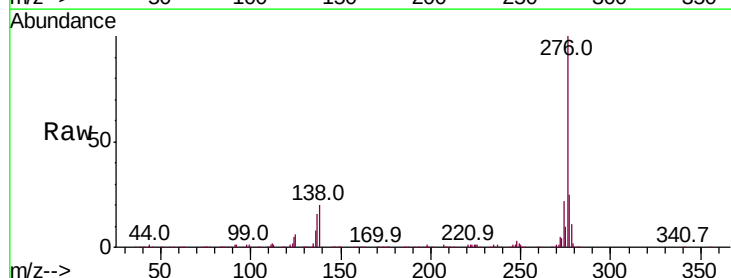
Manual Integrations  
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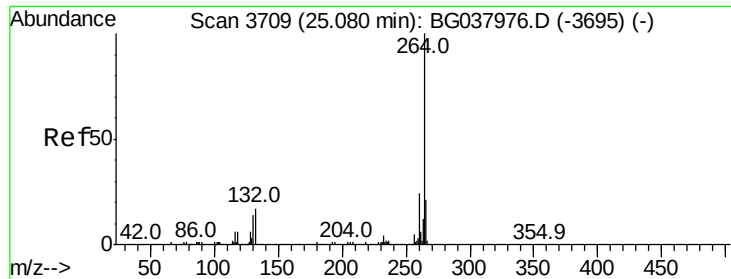
Sohil  
11/14/2018 2:24:10 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 85.483 ng  
RT: 28.91 min Scan# 4360  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 16.2  | 12.0  | 18.0  |
| 277     | 26.1  | 20.6  | 30.8  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. 0.00 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

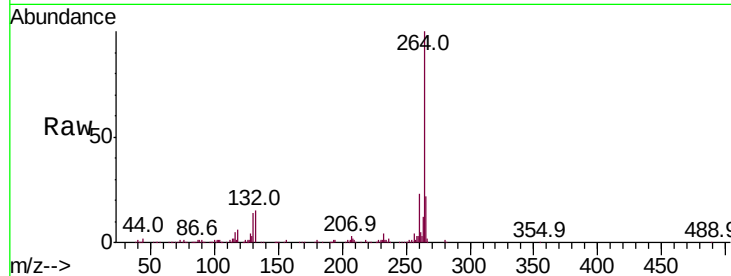
ClientSampleId :

SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 350362 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.5  | 18.2  | 27.4   |
| 265       | 21.6  | 17.9  | 26.9   |

Manual Integrations  
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Sohil  
11/14/2018 2:24:10 PM

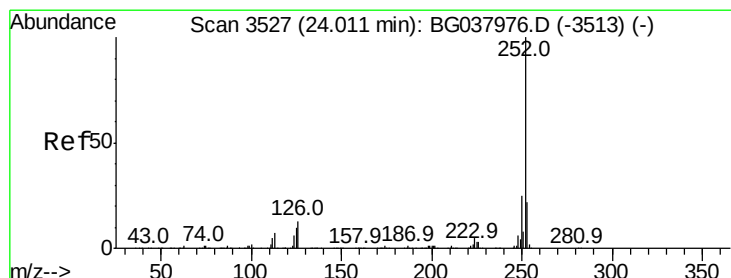
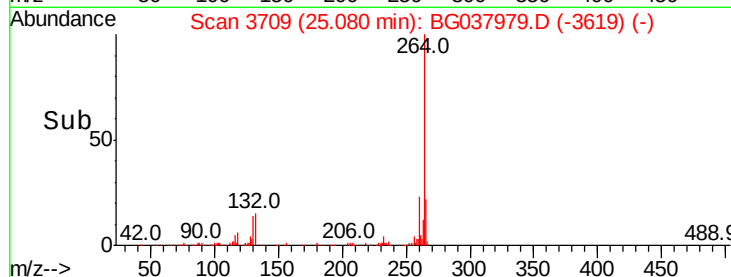
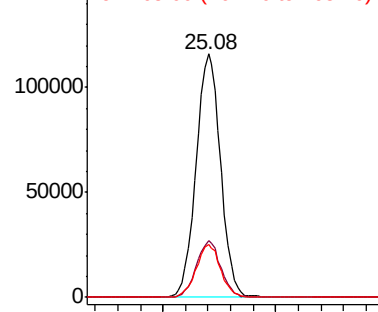


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 78.929 ng

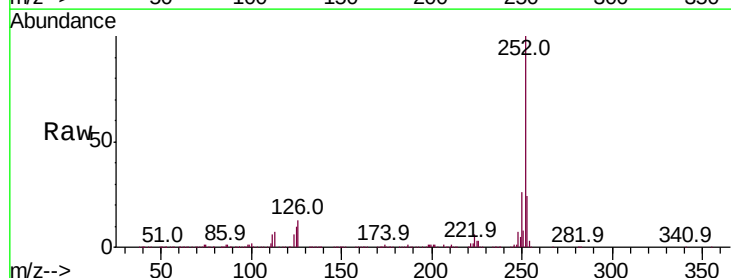
RT: 24.02 min Scan# 3529

Delta R.T. 0.01 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 1516078 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.9  | 18.2  | 27.2    |
| 125       | 10.3  | 7.8   | 11.6    |

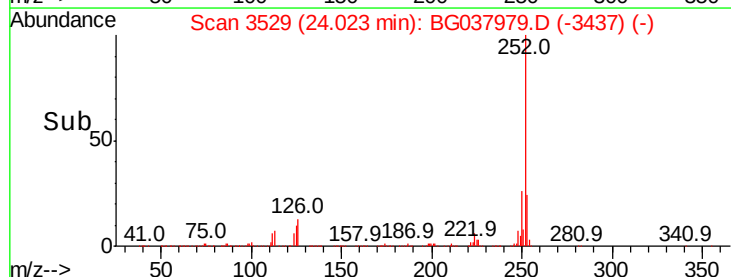
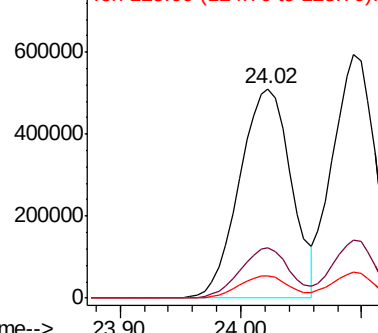


Abundance

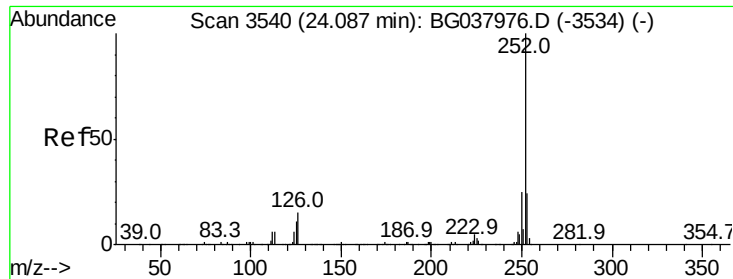
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







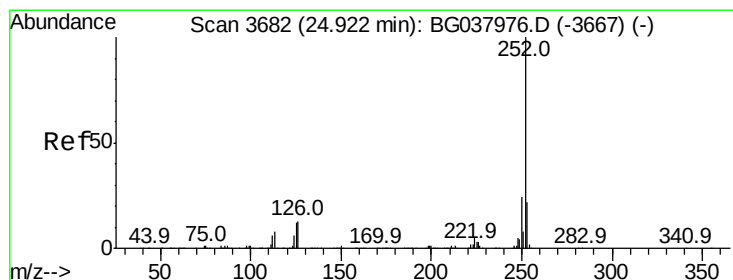
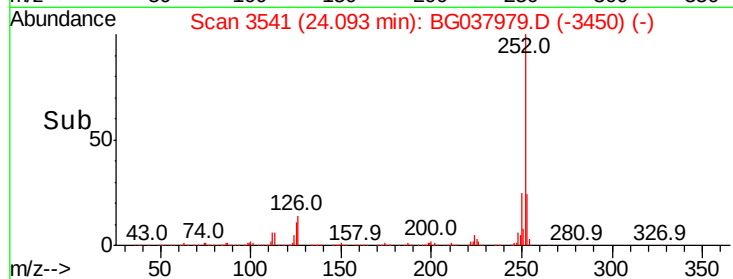
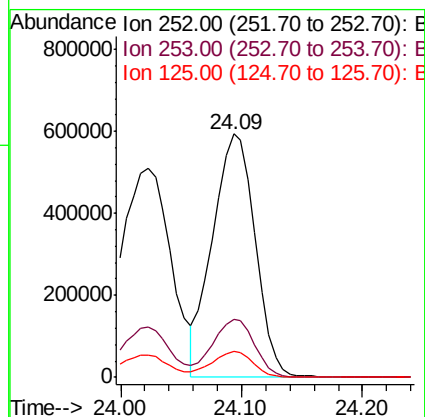
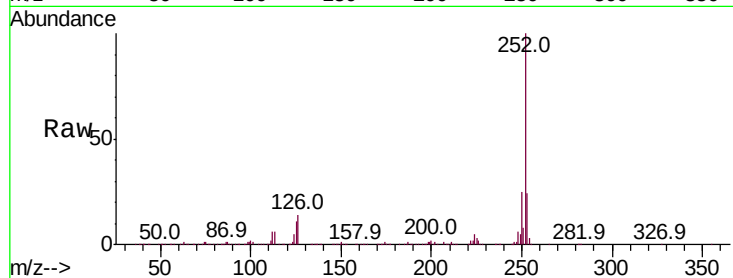
#89  
Benzo(k)fluoranthene  
Concen: 76.973 ng  
RT: 24.09 min Scan# 3541  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.8  | 17.4  | 26.2  |
| 125     | 10.6  | 7.4   | 11.0  |

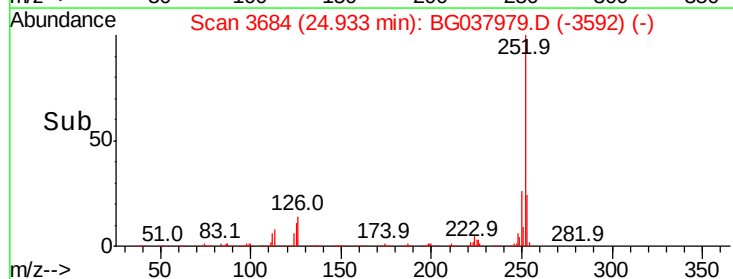
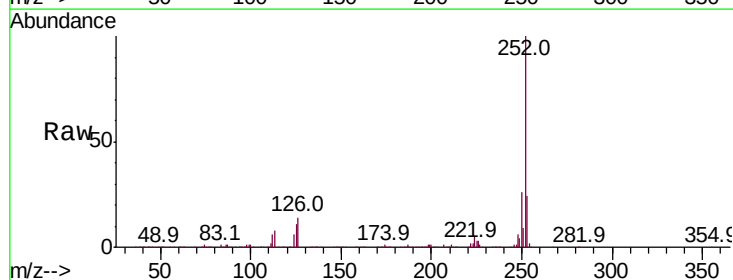
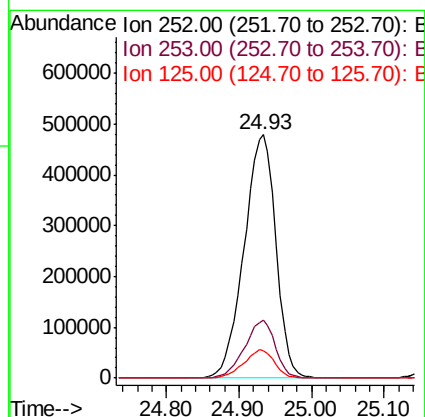
Manual Integrations  
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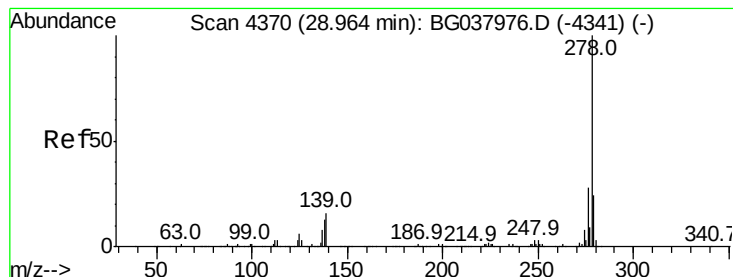
Sohil  
11/14/2018 2:24:10 PM



#90  
Benzo(a)pyrene  
Concen: 79.748 ng  
RT: 24.93 min Scan# 3684  
Delta R.T. 0.01 min  
Lab File: BG037979.D  
Acq: 13 Nov 2018 15:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.9  | 17.4  | 26.2  |
| 125     | 11.4  | 9.0   | 13.6  |





#91

Dibenzo(a,h)anthracene

Concen: 84.157 ng

RT: 28.98 min Scan# 4373

Delta R.T. 0.02 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

Instrument :

BNA\_G

ClientSampleId :

SSTDIC080

Tot Ion:278 Resp: 1416895

Ion Ratio Lower Upper

278 100

139 16.0 11.5 17.3

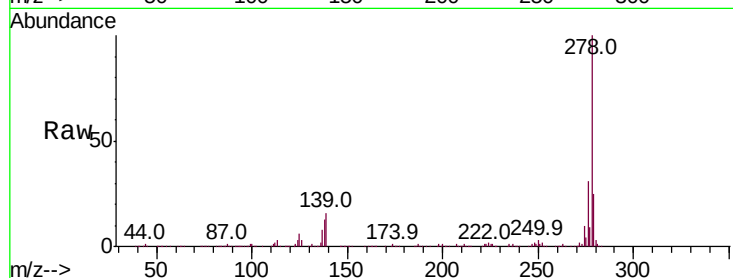
279 25.2 18.6 27.8

Manual Integrations

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Sohil

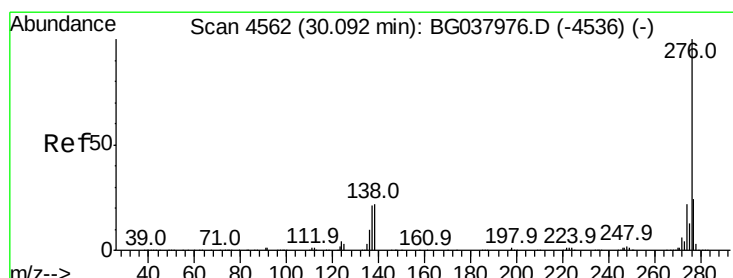
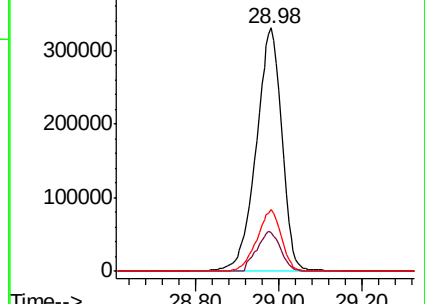
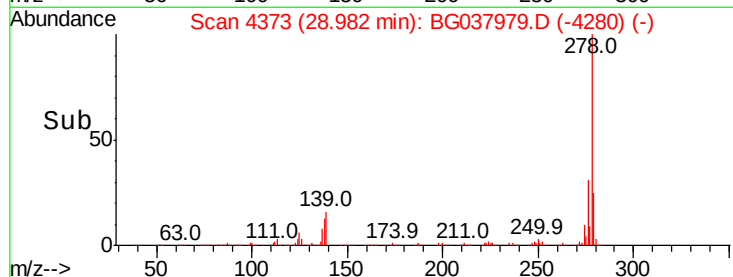
11/14/2018 2:24:10 PM



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: 83.311 ng

RT: 30.12 min Scan# 4567

Delta R.T. 0.03 min

Lab File: BG037979.D

Acq: 13 Nov 2018 15:29

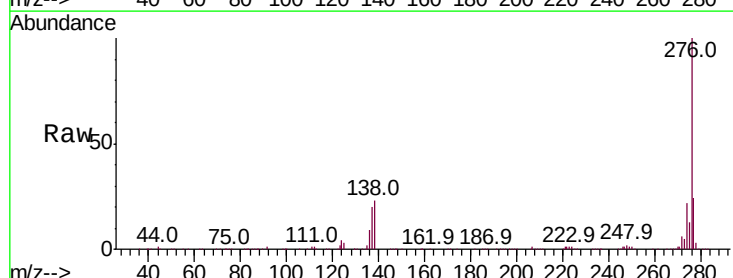
Tgt Ion:276 Resp: 1419062

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 22.8 17.2 25.8



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

